

DOCUMENTS FOR CE

- HOME AUDIO CAR AUDIO
 COMMUNICATION SPEAKER

• Equipment/System Name : CD RECEIVER
Model (s) : KDC-4547UW

• Contents of Documents:

- DECLARATION OF CONFORMITY
 TEST CERTIFICATE
 EMC TEST REPORT (Radiation Immunity)
 L.V.D TEST REPORT (SAFETY REGULATION)
 TECHNICAL CONSTRUCTION FILE

• Remarks:

※ Tick () appropriate box.

Kenwood Corporation



Norio Iwashita, Group Manager
Safety and Environment Group
Technology Development Div.

Date: 1 December, 2009

KENWOOD

KENWOOD ELECTRONICS EUROPE B.V.
SALES DIVISIE NEDERLAND
AMSTERDAMSEWEG 37
1422 AC UITHOORN
TEL: 0297-519800
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DECLARATION OF CONFORMITY

We, KENWOOD ELECTRONICS EUROPE B.V.

Amsterdamseweg 37, 1422 AC Uithoorn, The Netherlands

declare under our sole responsibility that the product(s),

CD RECEIVER

Model (s) : KDC-4547UW

to which this declaration relates is/are in conformity with the following standards,

EN55013:2001 +A1:2003 +A2:2006

Electromagnetic Immunity of Broadcast Receivers and
Characteristics of Broadcast Receivers and Associated
Equipment

EN 55020:2007

Electromagnetic Immunity of Broadcast Receivers and
Associated Equipment


and the following provision of

EMC Directive, 2004/108/EC

Directive 2004/104/EC: The limits defined in Annex I, paragraphs 6.5, 6.6,
6.8 and 6.9 are fulfilled.

Year of CE-Marking : 2009

Amsterdam, 4/Dec '09


Toru Kawauchi, President
Kenwood Electronics Europe B.V.

EMC TEST CERTIFICATEDESCRIPTION OF EQUIPMENT

Equipment	CD RECEIVER
Manufacturer	Kenwood Corporation
Trade mark	KENWOOD
Type	KDC-4547UW
Rating	12V DC
Aerial connection	FM/AM:coaxial (75 ohms)
Tuning	FM:87.5MHz-108.0MHz,MW:531kHz-1611kHz

STANDARDS AND MEASUREMENTS

EN55013:2001 +A1:2003 +A2:2006

Mains Terminal Disturbance Voltage	<input type="checkbox"/> applied	<input checked="" type="checkbox"/> not applied
Antenna terminal disturbance voltage	<input checked="" type="checkbox"/> applied	<input type="checkbox"/> not applied
Disturbance radiation	<input type="checkbox"/> applied	<input checked="" type="checkbox"/> not applied
Disturbance power	<input checked="" type="checkbox"/> applied	<input type="checkbox"/> not applied

EN 55020:2007

Input immunity	<input checked="" type="checkbox"/> applied	<input type="checkbox"/> not applied
Immunity to conducted voltages	<input type="checkbox"/> applied	<input checked="" type="checkbox"/> not applied
Immunity to conducted currents	<input checked="" type="checkbox"/> applied	<input type="checkbox"/> not applied
Immunity to radiated fields	<input type="checkbox"/> applied	<input checked="" type="checkbox"/> not applied
Immunity to electrostatic discharge	<input checked="" type="checkbox"/> applied	<input type="checkbox"/> not applied

Directive 2004/104/EC

Pparagraphs 6.5 and 6.6 (CISPR25) Radiated emission test

Broadband electromagnetic interference	<input checked="" type="checkbox"/> applied	<input type="checkbox"/> not applied
Narrowband electromagnetic interference	<input checked="" type="checkbox"/> applied	<input type="checkbox"/> not applied

Pparagraphs 6.8 (ISO7637-2) Immunity to transient disturbances conducted along supply lines

	<input checked="" type="checkbox"/> applied	<input type="checkbox"/> not applied
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Pparagraphs 6.9 (ISO7637-2)

Emission conducted disturbances	<input checked="" type="checkbox"/> applied	<input type="checkbox"/> not applied
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SUMMARY

The equipment fullfils the requirements in europe standards above mentioned.

Approved by



Norio Iwashita, Group Manager
Safety and Environment Group
Technology Development Div.

Tokyo, 1 December, 2009

TEST REPORT

Radiation

Equipment under test : KDC-4547UW

Standard : EN 55013 : 2001+A1: 2003 +A2:2006

Measurements : Disturbance Power Page
2

: Antenna terminal disturbance voltage 18

Test Result : Pass

Test facility : Shielded enclosure and semi-anechoic chamber at
Car Electronics Manufacturing Division, KENWOOD corporation

Instrumentation :

Spectrum Analyzer	Advantest	TR4135
Coaxial Switch	Hewlett Packard	140T
Attenuator	Kyoritsu	12dB
Wide Band Amplifier	Avantek	UTA-2015
FM Signal Generator	Hewlett Packard	8656B
Impedance Transformer	Anritsu	MP614A
Changeover Switch	Rohde & Schwarz	SH
Two Signal Pad	Rohde & Schwarz	BN42441/75

Tokyo, 1 December, 2009

Reviewed by

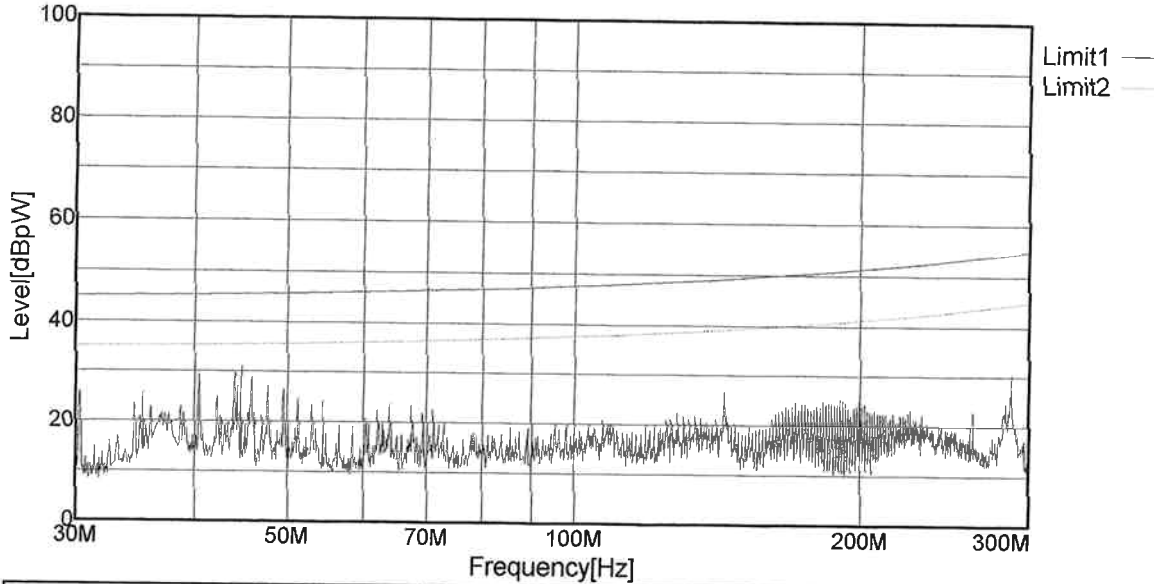


Norio Iwashita, Group Manager
Safety and Environment Group
Technology Development Div.

NOISE POWER

Model Name : 10 TDF ENTRY USB
 Model No. : KDC-4547UW
 Serial No. : PPE00002
 Temp. / POW: 26 deg C / 14.4V
 Detector : PEAK
 Bands : 4
 Limit1: [EN 55013] (QP)

Op. Mode : CD PLAY (vol:20)
 Measurement: AUX IN
 Operator : J.EBIHARA
 Limit2: [EN 55013] (AV)
 TEST EQUIP : ESAI
 Date : 2009/9/3 19:28

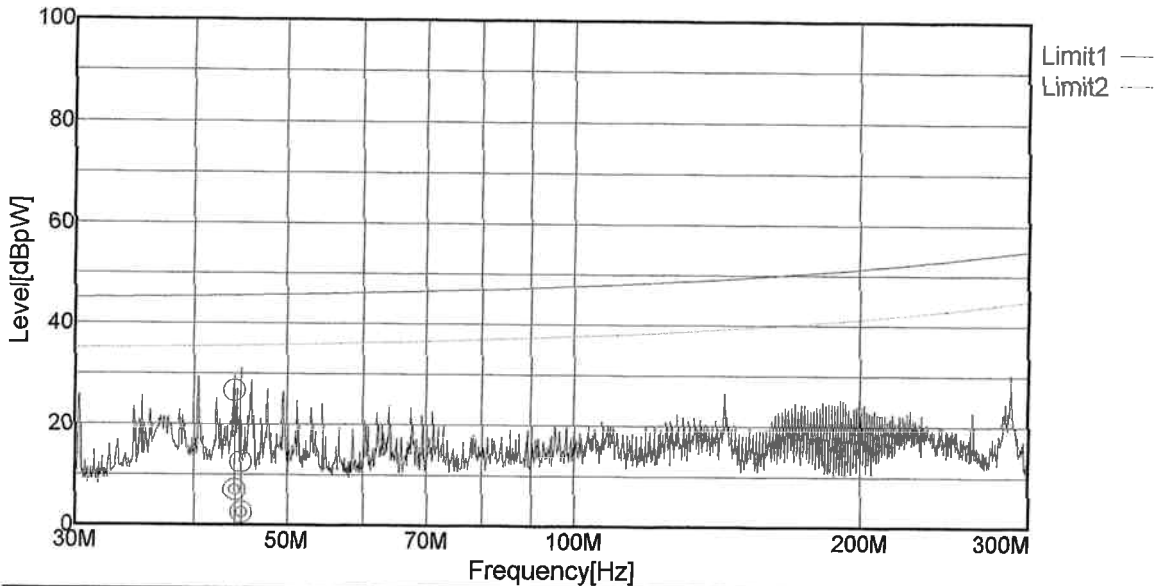


Frequency[MHz]	Level[dBpW]	Pos. [cm]	Limit1 [dBpW]	Limit2 [dBpW]	Margin1[dB]	Margin2[dB]
44.733	30.9	0	45.6	35.6	14.6	4.6
44.067	29.7	0	45.5	35.5	15.8	5.8
40.400	29.3	0	45.4	35.4	16.1	6.1
45.911	28.7	0	45.6	35.6	16.9	6.9
47.711	27.1	0	45.7	35.7	18.6	8.6
44.378	26.9	0	45.5	35.5	18.6	8.6
30.311	25.8	0	45.0	35.0	19.2	9.2
49.533	26.4	0	45.7	35.7	19.4	9.4
35.333	25.6	0	45.2	35.2	19.6	9.6
42.289	25.0	0	45.5	35.5	20.5	10.5
51.333	24.5	0	45.8	35.8	21.3	11.3
34.622	23.4	0	45.2	35.2	21.8	11.8
54.556	24.0	0	45.9	35.9	21.9	11.9

NOISE POWER

Model Name : 10 TDF ENTRY USB
 Model No. : KDC-4547UW
 Serial No. : PPE00002
 Temp. / POW: 26 deg C / 14.4V
 Detector : QP
 Points : 2
 Limit1: [EN 55013] (QP)

Op. Mode : CD PLAY (vol:20)
 Measurement: AUX IN
 Operator : J.EBIHARA
 Limit2: [EN 55013] (AV)
 TEST EQUIP : ESAI
 Date : 2009/9/3 19:31

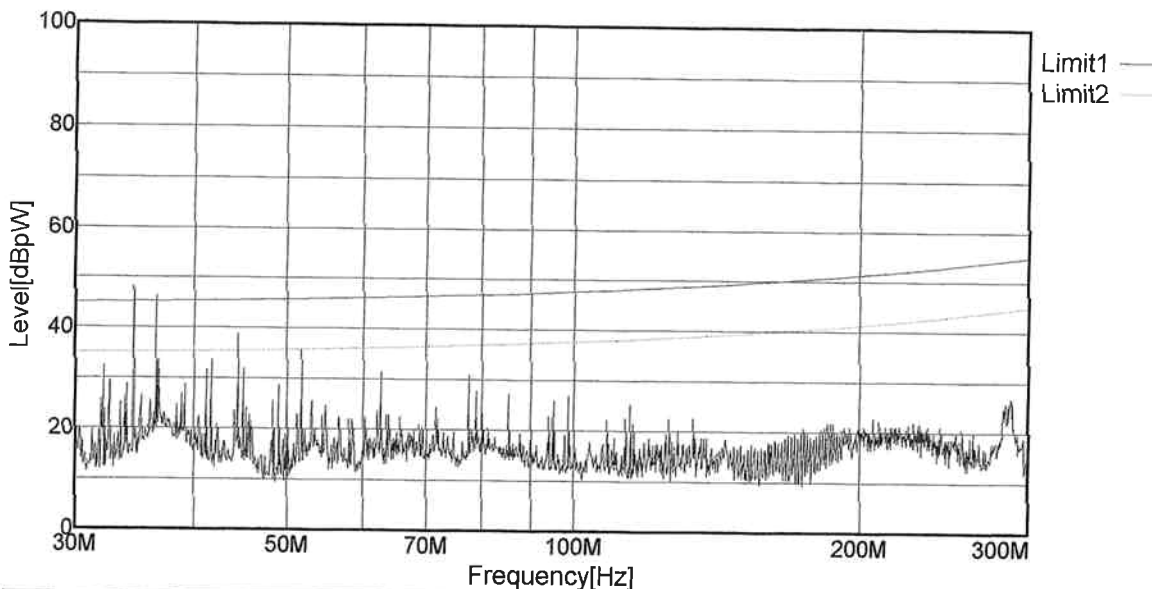


Frequency[MHz]	Level (QP)[dBpW]	Level (Av.)[dBpW]	Pos. [cm]	Limit1 [dBpW]	Limit2 [dBpW]	Margin1 [dB]	Margin2 [dB]
44.811	12.5	2.5	19	45.6	35.6	33.0	33.1
44.091	26.7	7.0	370	45.5	35.5	18.8	28.6

NOISE POWER

Model Name : 10 TDF ENTRY USB
 Model No. : KDC-4547UW
 Serial No. : PPE00002
 Temp. / POW: 26 deg C / 14.4V
 Detector : PEAK
 Bands : 4
 Limit1: [EN 55013] (QP)

Op. Mode : CD PLAY (vol:20)
 Measurement: USB
 Operator : J.EBIHARA
 Limit2: [EN 55013] (AV)
 TEST EQUIP : ESAI
 Date : 2009/9/3 19:50

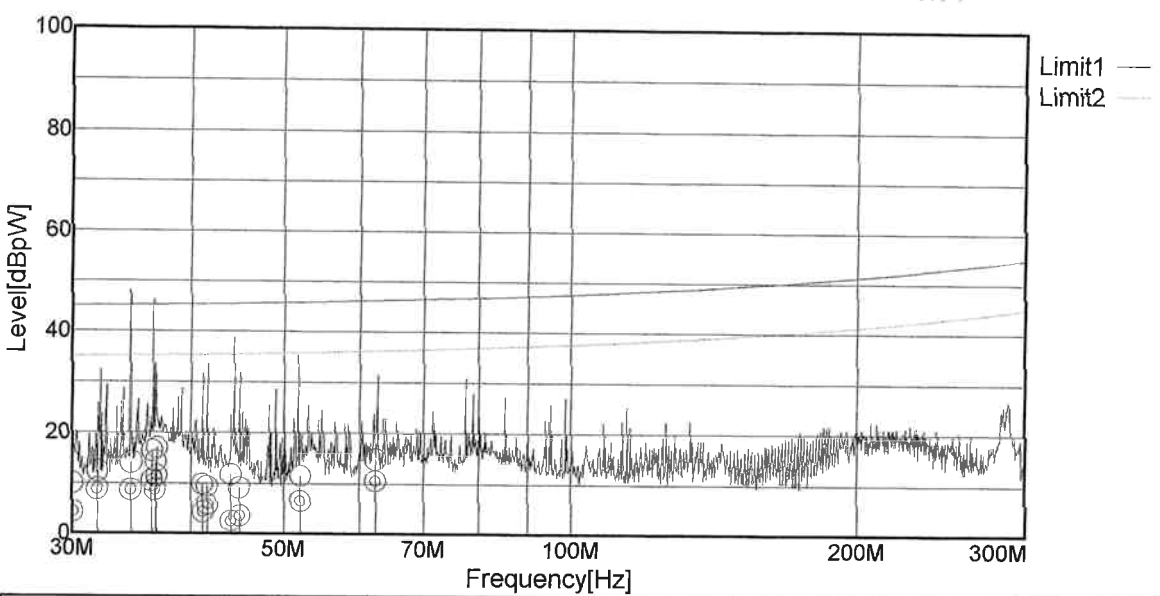


Frequency[MHz]	Level[dBpW]	Pos. [cm]	Limit1 [dBpW]	Limit2 [dBpW]	Margin1[dB]	Margin2[dB]
34.511	48.2	0	45.2	35.2	▲3.0	▲13.0
36.467	46.3	0	45.3	35.3	▲1.0	▲11.0
44.378	38.7	0	45.5	35.5	6.8	▲3.2
51.833	35.4	0	45.8	35.8	10.4	0.4
36.644	33.6	0	45.3	35.3	11.6	1.6
41.667	33.5	0	45.4	35.4	11.9	1.9
32.133	32.3	0	45.1	35.1	12.8	2.8
30.044	31.3	0	45.0	35.0	13.7	3.7
45.000	31.8	0	45.6	35.6	13.7	3.7
41.200	31.6	0	45.4	35.4	13.8	3.8
36.733	31.5	0	45.3	35.3	13.8	3.8
62.611	31.4	0	46.2	36.2	14.9	4.9
32.622	29.3	0	45.1	35.1	15.8	5.8
77.500	30.9	0	46.8	36.8	15.9	5.9
33.978	28.8	0	45.2	35.2	16.4	6.4
39.111	28.7	0	45.4	35.4	16.6	6.6
49.000	28.5	0	45.7	35.7	17.3	7.3
38.822	26.9	0	45.3	35.3	18.5	8.5
35.200	26.5	0	45.2	35.2	18.7	8.7
33.844	26.3	0	45.2	35.2	18.8	8.8
78.944	27.7	0	46.8	36.8	19.1	9.1
31.956	25.8	0	45.1	35.1	19.3	9.3
35.978	25.5	0	45.2	35.2	19.7	9.7
85.333	27.3	0	47.1	37.1	19.8	9.8

NOISE POWER

Model Name : 10 TDF ENTRY USB
 Model No. : KDC-4547UW
 Serial No. : PPE00002
 Temp. / POW: 26 deg C / 14.4V
 Detector : QP
 Points : 12
 Limit1: [EN 55013] (QP)

Op. Mode : CD PLAY (vol:20)
 Measurement: USB
 Operator : J.EBIHARA
 Limit2: [EN 55013] (AV)
 TEST EQUIP : ESAI
 Date : 2009/9/3 19:54

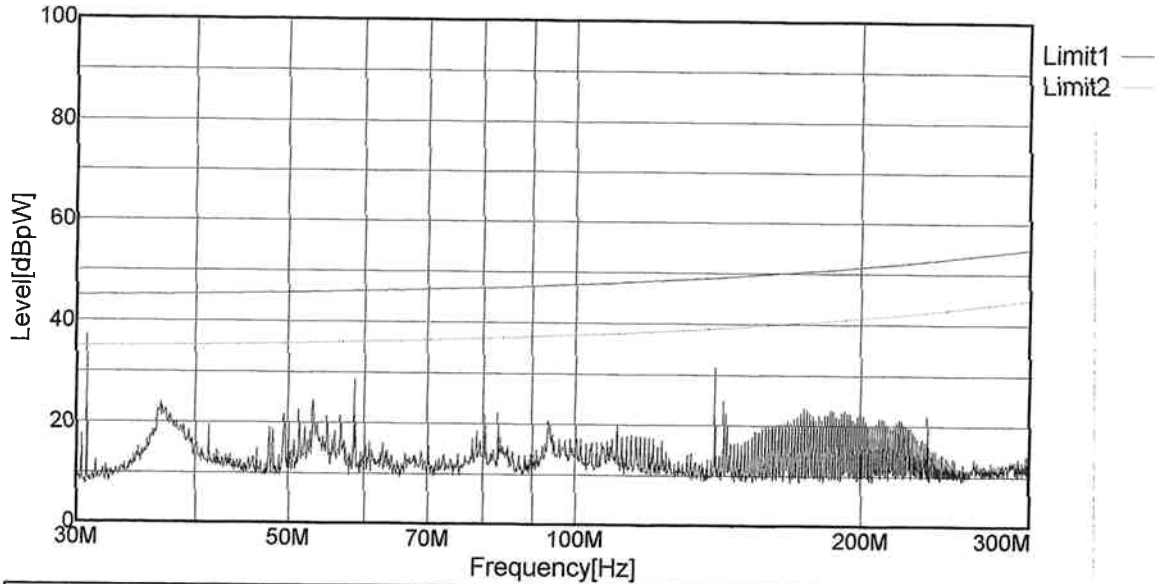


Frequency[MHz]	Level (QP)[dBpW]	Level (Av.)[dBpW]	Pos. [cm]	Limit1 [dBpW]	Limit2 [dBpW]	Margin1 [dB]	Margin2 [dB]
34.652	14.2	8.8	292	45.2	35.2	31.0	26.4
36.406	16.4	10.7	254	45.3	35.3	28.9	24.6
44.066	11.8	2.6	476	45.5	35.5	33.8	32.9
52.058	11.5	6.7	376	45.8	35.8	34.3	29.1
36.716	14.3	8.8	167	45.3	35.3	31.0	26.5
41.617	9.4	5.8	250	45.4	35.4	36.0	29.6
31.980	12.3	9.0	258	45.1	35.1	32.8	26.1
30.111	9.9	4.3	124	45.0	35.0	35.1	30.7
44.973	9.2	3.7	12	45.6	35.6	36.4	31.9
41.145	9.9	4.3	412	45.4	35.4	35.5	31.1
36.787	17.0	11.5	205	45.3	35.3	28.3	23.8
62.368	14.9	10.6	467	46.2	36.2	31.3	25.6

NOISE POWER

Model Name : 10 TDF ENTRY USB
 Model No. : KDC-4547UW
 Serial No. : PPE00002
 Temp. / POW: 26 deg C / 14.4V
 Detector : PEAK
 Bands : 4
 Limit1: [EN 55013] (QP)

Op. Mode : CD PLAY (vol:20)
 Measurement: POWER
 Operator : J.EBIHARA
 Limit2: [EN 55013] (AV)
 TEST EQUIP : ESAI
 Date : 2009/9/3 19:12

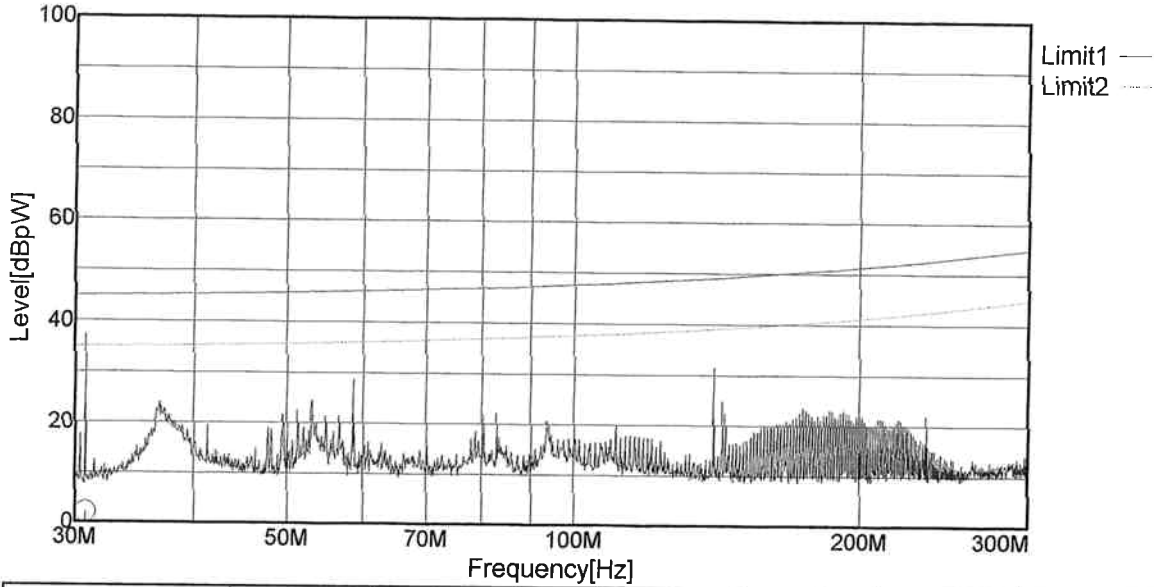


Frequency[MHz]	Level[dBpW]	Pos. [cm]	Limit1 [dBpW]	Limit2 [dBpW]	Margin1[dB]	Margin2[dB]
30.778	37.1	0	45.0	35.0	7.9	▲2.1
58.611	28.6	0	46.1	36.1	17.4	7.4
140.000	31.4	0	49.1	39.1	17.7	7.7
53.167	24.5	0	45.9	35.9	21.4	11.4

NOISE POWER

Model Name : 10 TDF ENTRY USB
 Model No. : KDC-4547UW
 Serial No. : PPE00002
 Temp. / POW: 26 deg C / 14.4V
 Detector : QP
 Points : 1
 Limit1: [EN 55013] (QP)

Op. Mode : CD PLAY (vol:20)
 Measurement: POWER
 Operator : J.EBIHARA
 Limit2: [EN 55013] (AV)
 TEST EQUIP : ESAI
 Date : 2009/9/3 19:16

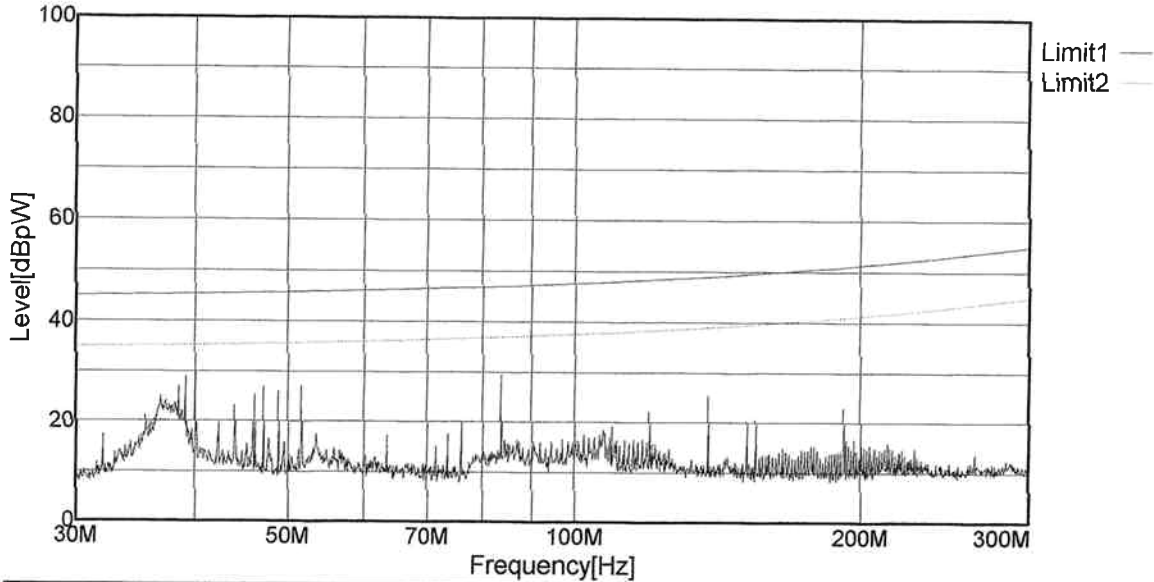


Frequency[MHz]	Level (QP)[dBpW]	Level (Av.)(dBpW)	Pos. [cm]	Limit1 [dBpW]	Limit2 [dBpW]	Margin1 [dB]	Margin2 [dB]
30.820	2.1	-1.4	74	45.0	35.0	42.9	36.4

NOISE POWER

Model Name : 10 TDF ENTRY USB
 Model No. : KDC-4547UW
 Serial No. : PPE00002
 Temp. / POW: 26 deg C / 14.4V
 Detector : PEAK
 Bands : 4
 Limit1: [EN 55013] (QP)

Op. Mode : CD PLAY (vol:20)
 Measurement: SP REAR Rch
 Operator : J.EBIHARA
 Limit2: [EN 55013] (AV)
 TEST EQUIP : ESAI
 Date : 2009/9/3 18:58

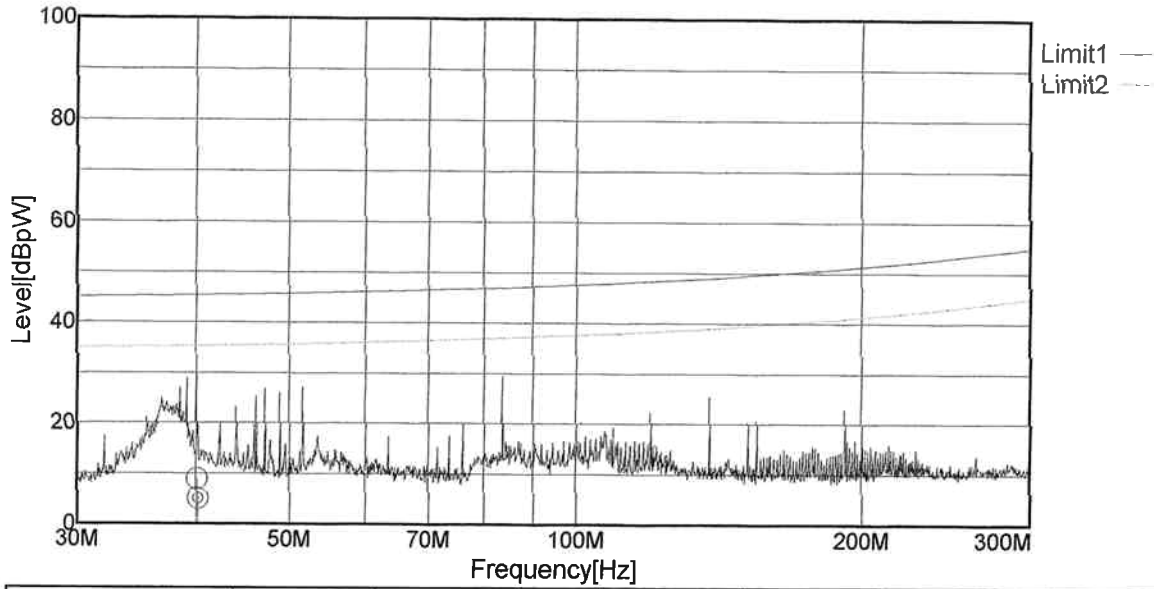


Frequency[MHz]	Level[dBpW]	Pos. [cm]	Limit1 [dBpW]	Limit2 [dBpW]	Margin1[dB]	Margin2[dB]
40.044	29.7	0	45.4	35.4	15.7	5.7
39.111	28.8	0	45.4	35.4	16.5	6.5
83.556	29.3	0	47.0	37.0	17.7	7.7
51.722	27.2	0	45.8	35.8	18.7	8.7
47.111	26.8	0	45.6	35.6	18.8	8.8
48.822	26.0	0	45.7	35.7	19.7	9.7
46.133	25.2	0	45.6	35.6	20.4	10.4

NOISE POWER

Model Name : 10 TDF ENTRY USB
 Model No. : KDC-4547UW
 Serial No. : PPE00002
 Temp. / POW: 26 deg C / 14.4V
 Detector : QP
 Points : 1
 Limit1: [EN 55013] (QP)

Op. Mode : CD PLAY (vol:20)
 Measurement: SP REAR Rch
 Operator : J.EBIHARA
 Limit2: [EN 55013] (AV)
 TEST EQUIP : ESAI
 Date : 2009/9/3 19:01

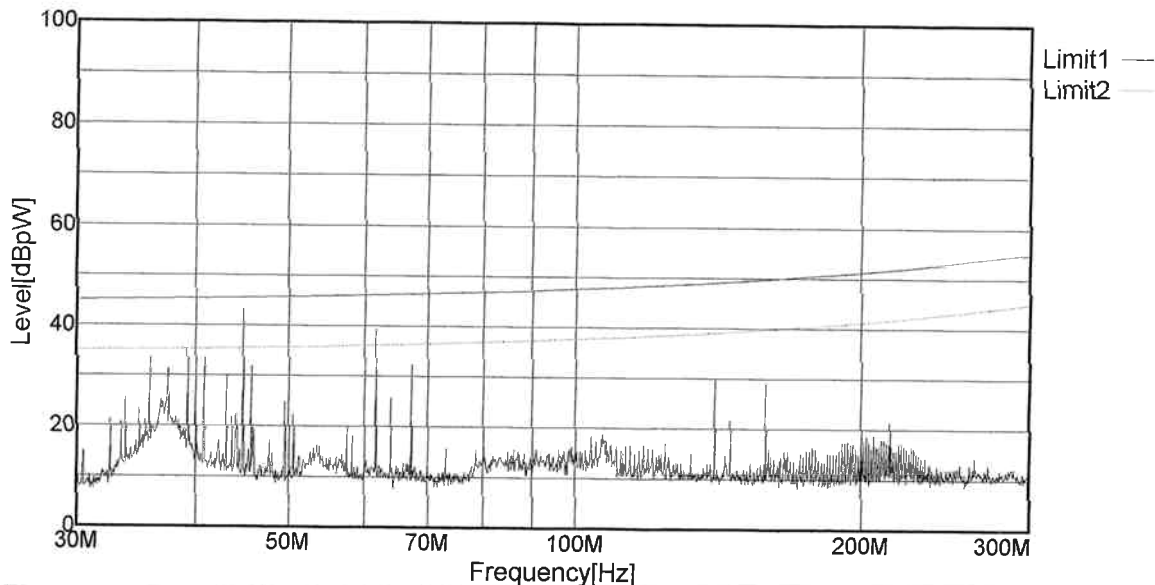


Frequency[MHz]	Level (QP)[dBpW]	Level (Av.)[dBpW]	Pos. [cm]	Limit1 [dBpW]	Limit2 [dBpW]	Margin1 [dB]	Margin2 [dB]
40.118	8.9	5.1	459	45.4	35.4	36.5	30.3

NOISE POWER

Model Name : 10 TDF ENTRY USB
 Model No. : KDC-4547UW
 Serial No. : PPE00002
 Temp. / POW: 26 deg C / 14.4V
 Detector : PEAK
 Bands : 4
 Limit1: [EN 55013] (QP)

Op. Mode : CD PLAY (vol:20)
 Measurement: SP REAR Lch
 Operator : J.EBIHARA
 Limit2: [EN 55013] (AV)
 TEST EQUIP : ESAI
 Date : 2009/9/3 18:14

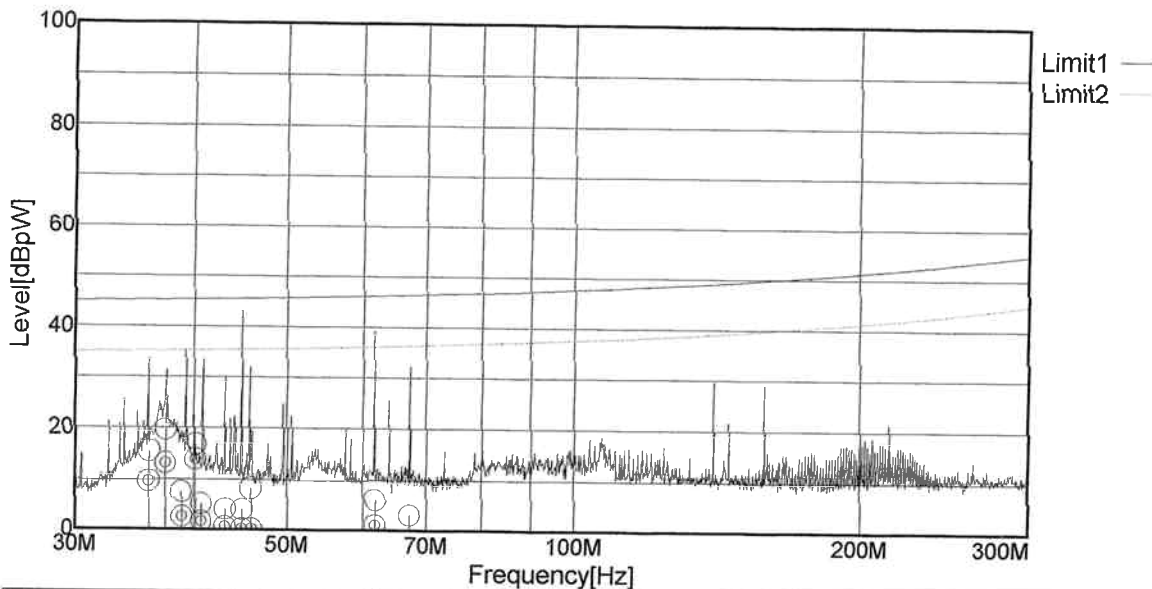


Frequency[MHz]	Level[dBpW]	Pos. [cm]	Limit1 [dBpW]	Limit2 [dBpW]	Margin1[dB]	Margin2[dB]
44.822	43.2	0	45.6	35.6	2.4	▲7.6
61.667	39.1	0	46.2	36.2	7.1	▲3.0
39.222	35.3	0	45.4	35.4	10.0	0.0
35.800	33.5	0	45.2	35.2	11.7	1.7
40.867	33.6	0	45.4	35.4	11.8	1.8
45.689	31.8	0	45.6	35.6	13.8	3.8
37.378	31.2	0	45.3	35.3	14.1	4.1
67.278	32.2	0	46.4	36.4	14.2	4.2
40.000	31.0	0	45.4	35.4	14.4	4.4
43.111	30.0	0	45.5	35.5	15.4	5.4
140.000	29.6	0	49.1	39.1	19.5	9.5
33.800	25.4	0	45.2	35.2	19.7	9.7
63.944	25.6	0	46.3	36.3	20.7	10.7
158.667	29.0	0	49.8	39.8	20.8	10.8
49.533	24.7	0	45.7	35.7	21.0	11.0
34.933	23.3	0	45.2	35.2	21.9	11.9

NOISE POWER

Model Name : 10 TDF ENTRY USB
 Model No. : KDC-4547UW
 Serial No. : PPE00002
 Temp. / POW: 26 deg C / 14.4V
 Detector : QP
 Points : 10
 Limit1: [EN 55013] (QP)

Op. Mode : CD PLAY (vol:20)
 Measurement: SP REAR Lch
 Operator : J.EBIHARA
 Limit2: [EN 55013] (AV)
 TEST EQUIP : ESAI
 Date : 2009/9/3 18:19



Frequency[MHz]	Level (QP)[dBpW]	Level (Av.)[dBpW]	Pos. [cm]	Limit1 [dBpW]	Limit2 [dBpW]	Margin1 [dB]	Margin2 [dB]
44.905	4.2	0.4	130	45.6	35.6	41.4	35.2
61.841	6.3	1.2	497	46.2	36.2	39.9	35.0
38.825	7.5	2.6	455	45.3	35.3	37.8	32.8
35.878	15.6	9.7	323	45.2	35.2	29.6	25.5
40.734	5.2	1.7	129	45.4	35.4	40.3	33.7
45.878	8.4	0.3	199	45.6	35.6	37.2	35.3
37.277	19.7	13.2	14	45.3	35.3	25.6	22.1
67.172	3.3	-0.9	179	46.4	36.4	43.1	37.3
40.123	16.8	13.9	7	45.4	35.4	28.6	21.5
43.141	4.3	0.8	496	45.5	35.5	41.2	34.7

NOISE POWER

Model Name : 10 TDF ENTRY USB

Op. Mode : CD PLAY (vol:20)

Model No. : KDC-4547UW

Measurement: SP FRONT Rch

Serial No. : PPE00002

Operator : J.EBIHARA

Temp. / POW: 26 deg C / 14.4V

Limit2: [EN 55013] (AV)

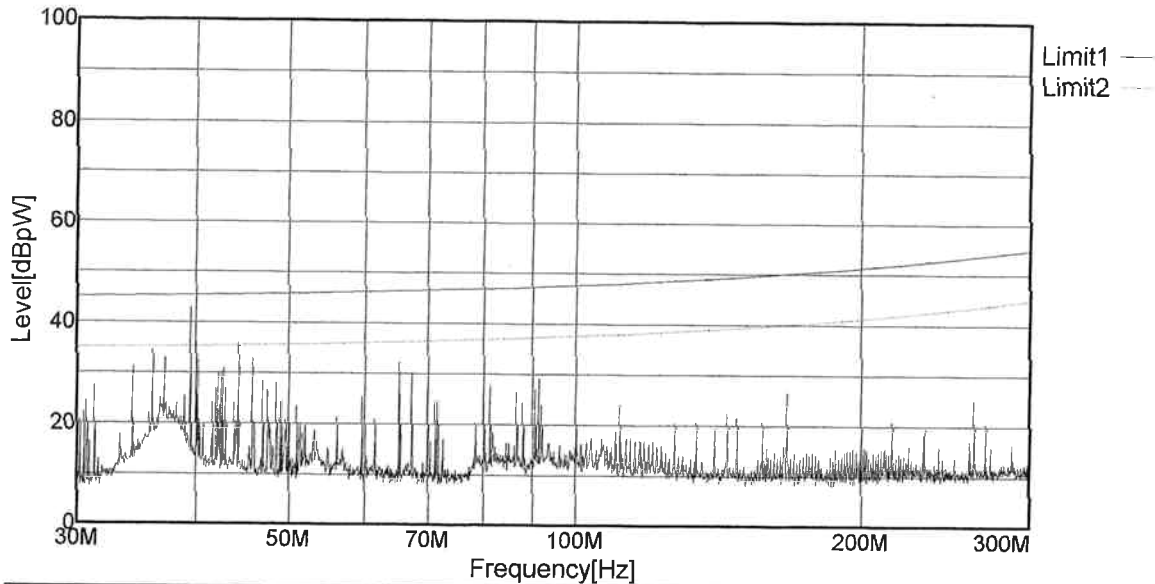
Detector : PEAK

TEST EQUIP: ESAI

Bands : 4

Date : 2009/9/3 17:24

Limit1: [EN 55013] (QP)

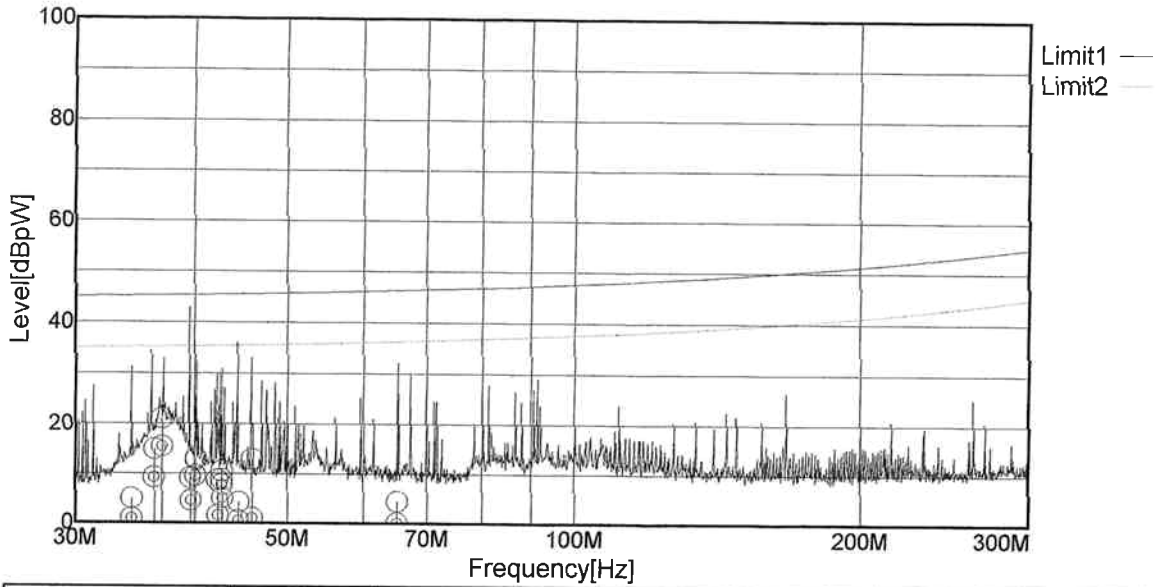


Frequency[MHz]	Level[dBpW]	Pos. [cm]	Limit1 [dBpW]	Limit2 [dBpW]	Margin1[dB]	Margin2[dB]
39.489	43.0	0	45.4	35.4	2.4	▲7.6
40.067	36.1	0	45.4	35.4	9.3	▲0.8
44.333	35.9	0	45.5	35.5	9.6	▲0.4
36.022	34.4	0	45.2	35.2	10.8	0.8
37.044	32.9	0	45.3	35.3	12.4	2.4
45.800	33.0	0	45.6	35.6	12.6	2.6
40.222	32.4	0	45.4	35.4	13.0	3.0
34.311	31.2	0	45.2	35.2	14.0	4.0
65.222	32.1	0	46.3	36.3	14.2	4.2
42.711	30.8	0	45.5	35.5	14.6	4.6
42.556	30.0	0	45.5	35.5	15.5	5.5
42.222	29.8	0	45.5	35.5	15.6	5.6
67.222	30.1	0	46.4	36.4	16.3	6.3
46.911	28.4	0	45.6	35.6	17.2	7.2
48.489	28.1	0	45.7	35.7	17.6	7.6
31.333	27.4	0	45.1	35.1	17.6	7.6
91.444	29.0	0	47.3	37.3	18.3	8.3
43.000	27.1	0	45.5	35.5	18.4	8.4
42.022	26.9	0	45.5	35.5	18.6	8.6
47.489	26.7	0	45.7	35.7	19.0	9.0
81.278	27.7	0	46.9	36.9	19.2	9.2
69.889	27.2	0	46.5	36.5	19.3	9.3
47.533	25.9	0	45.7	35.7	19.7	9.7

NOISE POWER

Model Name : 10 TDF ENTRY USB
 Model No. : KDC-4547UW
 Serial No. : PPE00002
 Temp. / POW: 26 deg C / 14.4V
 Detector : QP
 Points : 12
 Limit1: [EN 55013] (QP)

Op. Mode : CD PLAY (vol:20)
 Measurement: SP FRONT Rch
 Operator : J.EBIHARA
 Limit2: [EN 55013] (AV)
 TEST EQUIP : ESAI
 Date : 2009/9/3 17:28

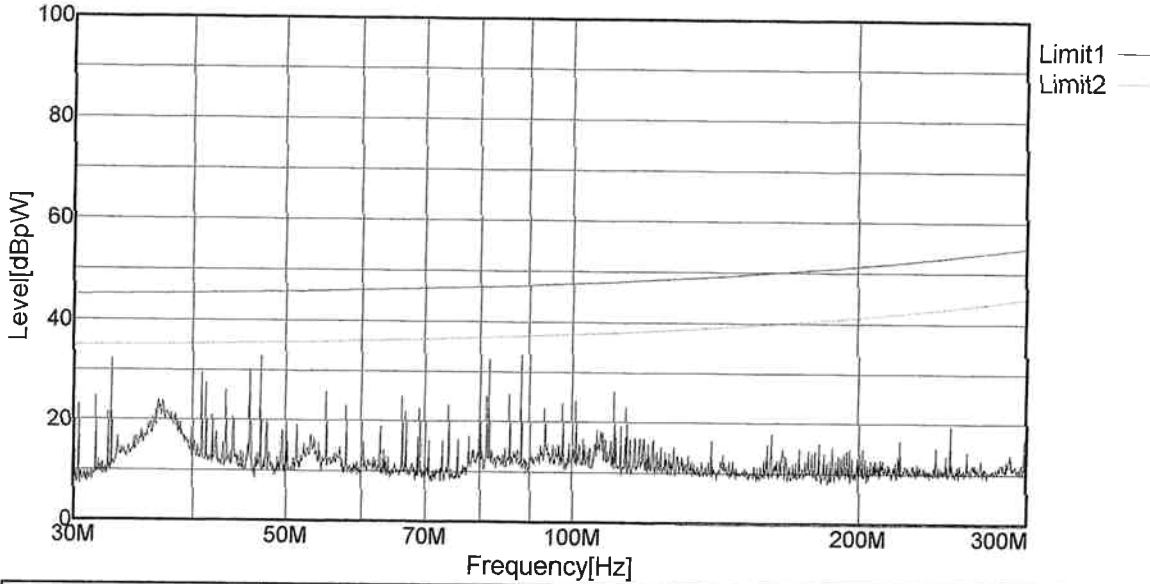


Frequency[MHz]	Level (QP)[dBpW]	Level (Av.)[dBpW]	Pos. [cm]	Limit1 [dBpW]	Limit2 [dBpW]	Margin1 [dB]	Margin2 [dB]
39.626	9.1	4.5	262	45.4	35.4	36.3	30.9
40.114	13.0	9.5	76	45.4	35.4	32.4	25.9
44.435	4.2	0.5	167	45.5	35.5	41.4	35.0
36.268	14.9	9.2	23	45.3	35.3	30.4	26.1
36.930	21.0	15.4	356	45.3	35.3	24.3	19.9
45.871	12.9	1.1	1	45.6	35.6	32.7	34.5
40.133	12.6	9.5	256	45.4	35.4	32.8	25.9
34.364	5.0	0.9	75	45.2	35.2	40.2	34.3
65.158	4.4	0.0	64	46.3	36.3	41.9	36.3
42.729	8.8	5.0	302	45.5	35.5	36.6	30.4
42.736	10.5	7.7	2	45.5	35.5	34.9	27.8
42.300	8.7	1.5	482	45.5	35.5	36.8	34.0

NOISE POWER

Model Name : 10 TDF ENTRY USB
 Model No. : KDC-4547UW
 Serial No. : PPE00002
 Temp. / POW: 26 deg C / 14.4V
 Detector : PEAK
 Bands : 4
 Limit1: [EN 55013] (QP)

Op. Mode : CD PLAY (vol:20)
 Measurement: SP FRONT Lch
 Operator : J.EBIHARA
 Limit2: [EN 55013] (AV)
 TEST EQUIP : ESAI
 Date : 2009/9/3 17:00

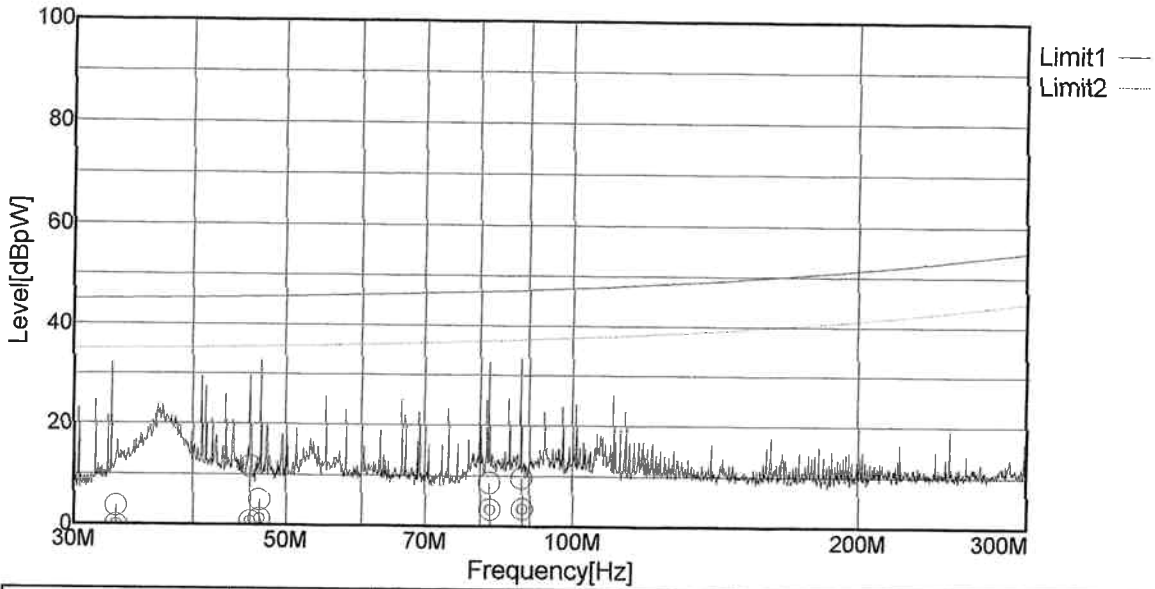


Frequency[MHz]	Level[dBpW]	Pos. [cm]	Limit1 [dBpW]	Limit2 [dBpW]	Margin1[dB]	Margin2[dB]
47.089	32.8	0	45.6	35.6	12.8	2.8
32.911	32.1	0	45.1	35.1	13.0	3.0
88.222	33.4	0	47.2	37.2	13.8	3.8
81.667	32.5	0	46.9	36.9	14.4	4.4
45.867	30.1	0	45.6	35.6	15.5	5.5
40.911	29.4	0	45.4	35.4	16.0	6.0
41.289	27.5	0	45.4	35.4	18.0	8.0
43.333	26.0	0	45.5	35.5	19.5	9.5
55.167	25.7	0	45.9	35.9	20.3	10.3
31.689	24.7	0	45.1	35.1	20.4	10.4
66.222	25.0	0	46.4	36.4	21.4	11.4
85.722	25.4	0	47.1	37.1	21.7	11.7
110.444	26.2	0	48.0	38.0	21.8	11.8
81.278	25.0	0	46.9	36.9	21.9	11.9
30.400	23.1	0	45.0	35.0	21.9	11.9

NOISE POWER

Model Name : 10 TDF ENTRY USB
 Model No. : KDC-4547UW
 Serial No. : PPE00002
 Temp. / POW: 26 deg C / 14.4V
 Detector : QP
 Points : 5
 Limit1: [EN 55013] (QP)

Op. Mode : CD PLAY (vol:20)
 Measurement: SP FRONT Lch
 Operator : J.EBIHARA
 Limit2: [EN 55013] (AV)
 TEST EQUIP : ESAI
 Date : 2009/9/3 17:04

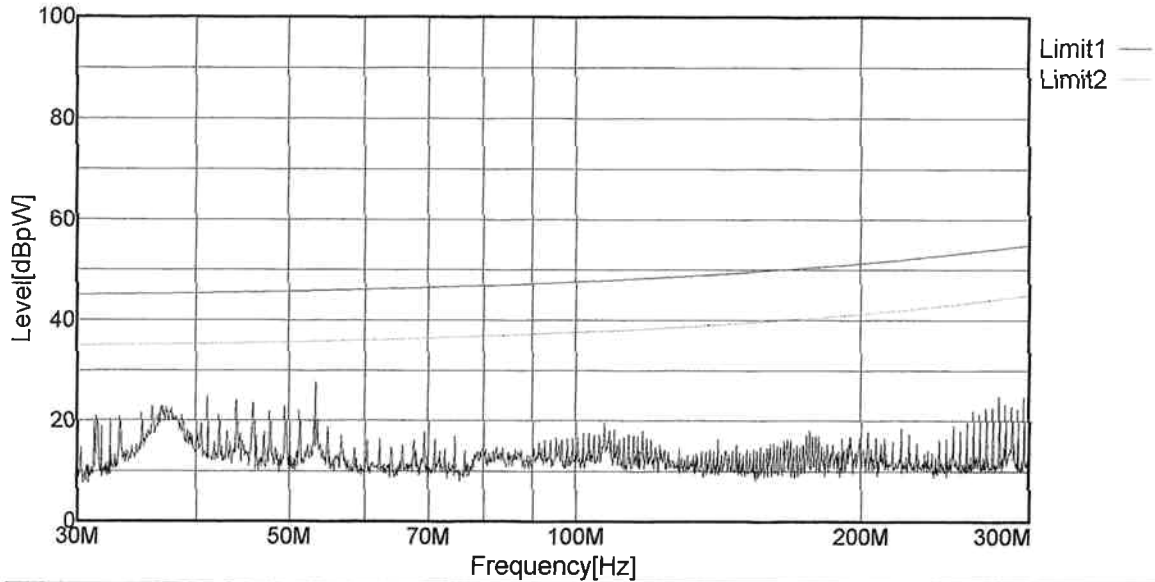


Frequency [MHz]	Level (QP) [dBpW]	Level (Av.) [dBpW]	Pos. [cm]	Limit1 [dBpW]	Limit2 [dBpW]	Margin1 [dB]	Margin2 [dB]
46.897	5.0	1.4	3	45.6	35.6	40.6	34.3
33.292	3.8	0.1	485	45.1	35.1	41.3	35.1
88.424	9.5	3.5	311	47.2	37.2	37.7	33.7
81.793	8.6	3.4	252	46.9	36.9	38.3	33.5
45.890	11.6	0.8	165	45.6	35.6	34.0	34.8

NOISE POWER

Model Name : 10 TDF ENTRY USB
 Model No. : KDC-4547UW
 Serial No. : PPE00002
 Temp. / POW: 26 deg C / 14.4V
 Detector : PEAK
 Bands : 4
 Limit1: [EN 55013] (QP)

Op. Mode : CD PLAY (vol:20)
 Measurement: PREOUT
 Operator : J.EBIHARA
 Limit2: [EN 55013] (AV)
 TEST EQUIP : ESAI
 Date : 2009/9/3 16:50

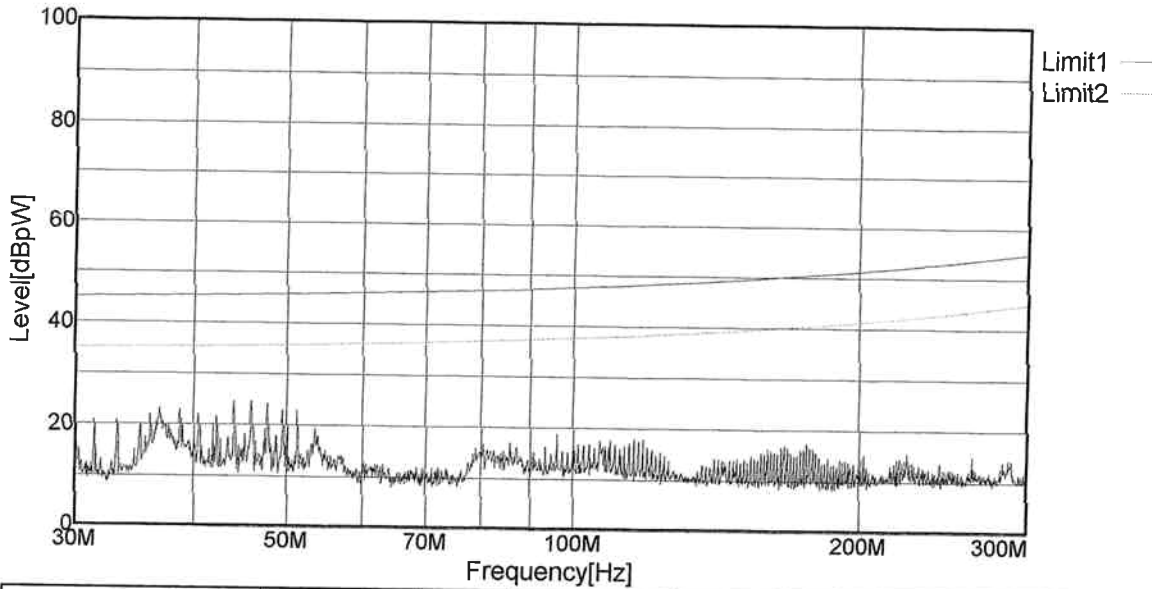


Frequency[MHz]	Level[dBpW]	Pos. [cm]	Limit1 [dBpW]	Limit2 [dBpW]	Margin1[dB]	Margin2[dB]
53.389	27.7	0	45.9	35.9	18.2	8.2
41.133	24.8	0	45.4	35.4	20.7	10.7
44.111	24.0	0	45.5	35.5	21.5	11.5
45.889	23.5	0	45.6	35.6	22.1	12.1
49.511	22.9	0	45.7	35.7	22.8	12.8
51.333	22.0	0	45.8	35.8	23.8	13.8
47.711	21.9	0	45.7	35.7	23.8	13.8
31.467	20.9	0	45.1	35.1	24.1	14.1
42.289	21.1	0	45.5	35.5	24.3	14.3
33.267	20.7	0	45.1	35.1	24.4	14.4
32.511	20.3	0	45.1	35.1	24.8	14.8

NOISE POWER

Model Name : 10 TDF ENTRY USB
 Model No. : KDC-4547UW
 Serial No. : PPE00002
 Temp. / POW: 25 deg C / 14.4V
 Detector : PEAK
 Bands : 4
 Limit1: [EN 55013] (QP)

Op. Mode : CD PLAY (vol:20)
 Measurement: ANTENNA
 Operator : J.EBIHARA
 Limit2: [EN 55013] (AV)
 TEST EQUIP : ESAI
 Date : 2009/9/3 16:35

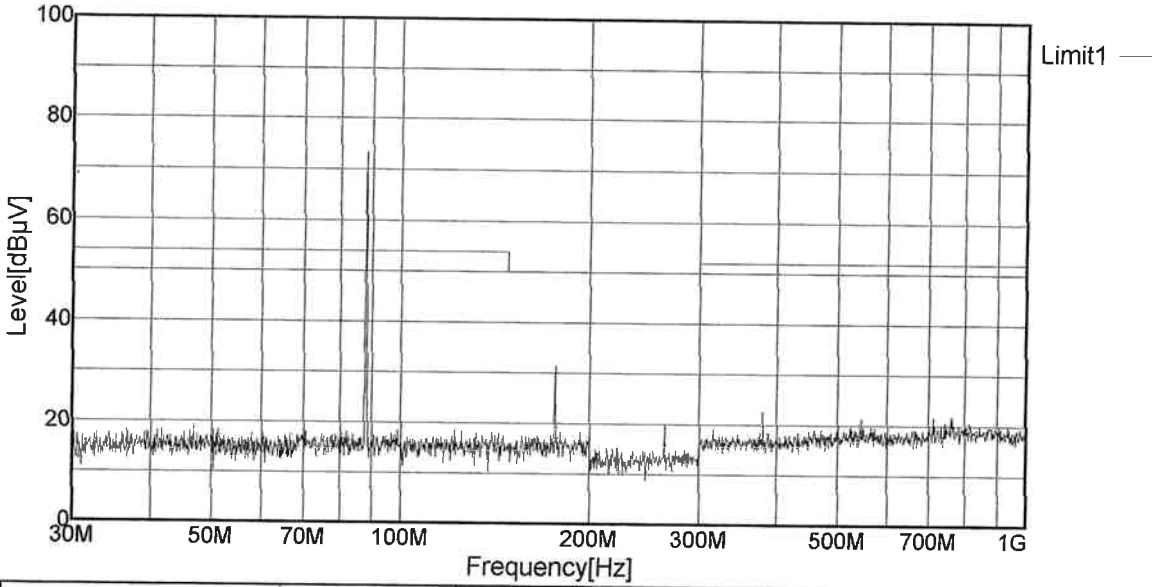


Frequency[MHz]	Level[dBpW]	Pos. [cm]	Limit1 [dBpW]	Limit2 [dBpW]	Margin1[dB]	Margin2[dB]
44.067	24.6	0	45.5	35.5	20.9	10.9
45.911	24.6	0	45.6	35.6	21.0	11.0
47.711	24.1	0	45.7	35.7	21.6	11.6
36.800	23.2	0	45.3	35.3	22.0	12.0
49.511	22.9	0	45.7	35.7	22.8	12.8
51.333	22.8	0	45.8	35.8	23.0	13.0
40.467	22.1	0	45.4	35.4	23.3	13.3
42.289	21.6	0	45.5	35.5	23.8	13.8
31.489	20.8	0	45.1	35.1	24.3	14.3
33.289	20.8	0	45.1	35.1	24.4	14.4

ANTENNA Term. Voltage

Model Name : 10 TDF ENTRY USB
 Model No. : KDC-4547UW
 Serial No. : PPE00002
 Temp. / POW: 26 deg C / 14.4V
 Detector : PEAK
 Bands : 9
 Limit1: [EN55013] FM(Local)

Op. Mode :
 Comment :
 Operator : J.EBIHARA
 TEST EQUIP: ESAI
 Date : 2009/9/3 21:30
 Local : 98.7MHz
 Receive : 88MHz

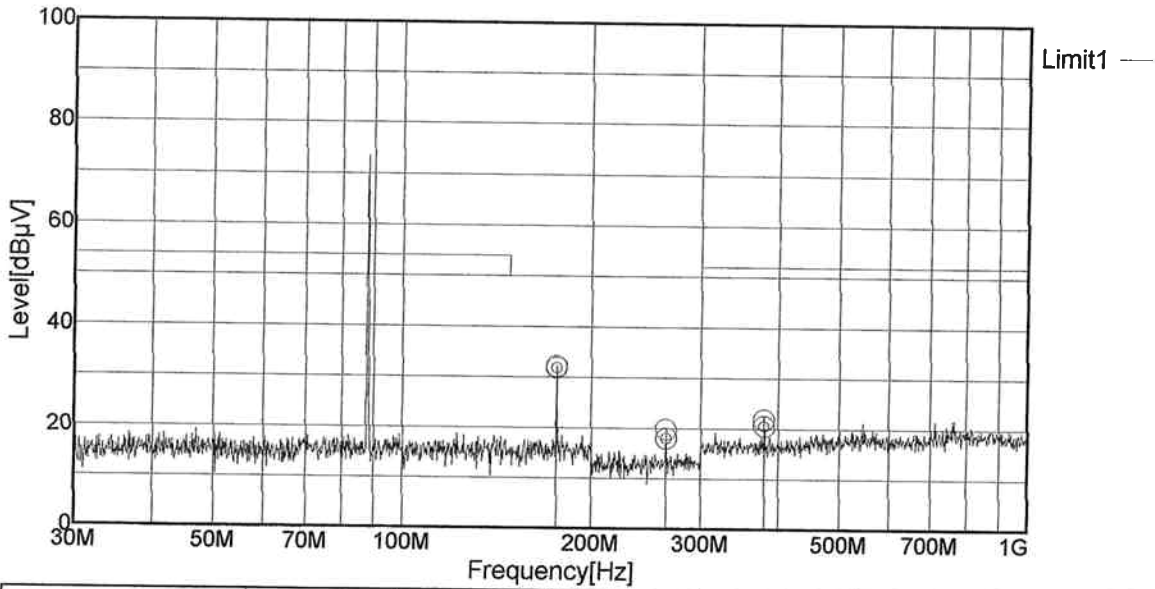


Frequency[MHz]	Level[dBμV]	Limit1[dBμV]	Limit2[dBμV]	Margin1[dB]	Margin2[dB]
88.056	73.3	54.0	46.0	▲19.3	▲27.3
122.222	18.6	54.0	46.0	35.4	27.4
176.222	31.3	50.0	46.0	18.7	14.7
221.556	15.4	50.0	46.0	34.6	30.6
264.111	19.8	50.0	46.0	30.2	26.2
316.533	19.1	52.0	46.0	32.9	26.9
379.733	22.6	52.0	46.0	29.4	23.4
387.733	18.3	52.0	46.0	33.7	27.7
450.000	18.7	52.0	46.0	33.3	27.3
524.267	19.6	52.0	46.0	32.4	26.4
543.333	20.2	52.0	46.0	31.8	25.8
547.600	21.3	52.0	46.0	30.7	24.7
564.267	19.7	52.0	46.0	32.3	26.3
709.333	20.0	52.0	46.0	32.0	26.0
713.200	21.6	52.0	46.0	30.4	24.4
744.933	20.5	52.0	46.0	31.5	25.5

ANTENNA Term. Voltage

Model Name : 10 TDF ENTRY USB
 Model No. : KDC-4547UW
 Serial No. : PPE00002
 Temp. / POW: 26 deg C / 14.4V
 Detector : QP
 Points : 3
 Limit1: [EN55013] FM(Local)

Op. Mode :
 Comment :
 Operator : J.EBIHARA
 TEST EQUIP: ESAI
 Date : 2009/9/3 21:34
 Local : 98.7MHz
 Receive : 88MHz

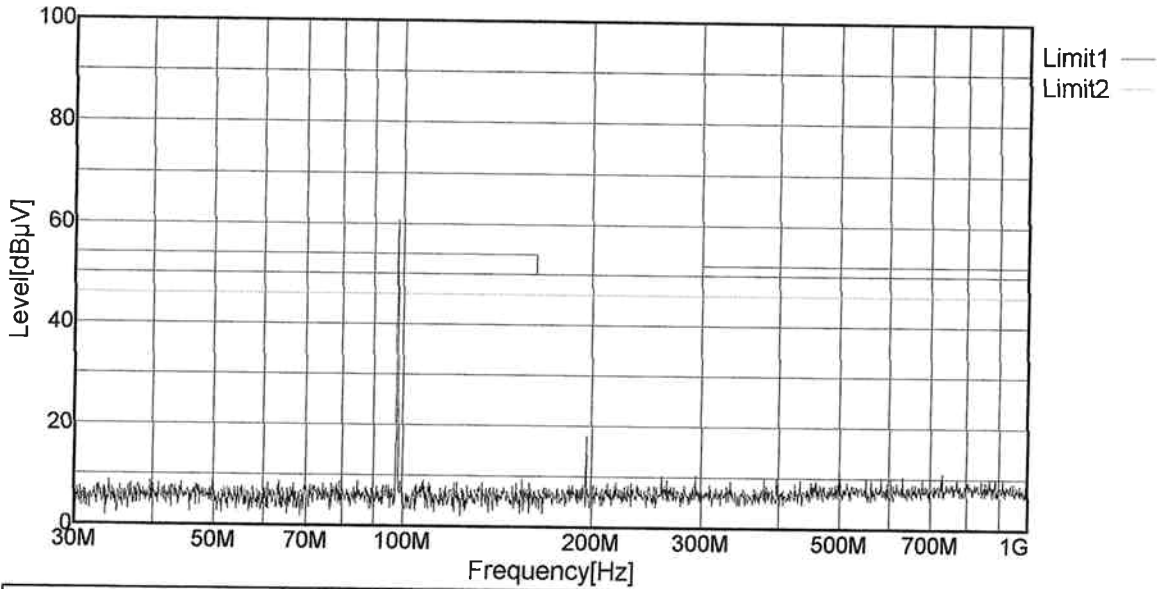


Frequency[MHz]	Level[dBµV]	Level (Av.)[dBµV]	Limit1 [dBµV]	Limit2 [dBµV]	Margin1[dB]	Margin2[dB]
175.982	32.1	31.9	50.0	46.0	17.9	14.2
263.991	19.8	18.0	50.0	46.0	30.2	28.0
379.625	21.8	20.6	52.0	46.0	30.2	25.4

ANTENNA Term. Voltage

Model Name : 10 TDF ENTRY USB
 Model No. : KDC-4547UW
 Serial No. : PPE00002
 Temp. / POW: 26 deg C / 14.4V
 Detector : PEAK
 Bands : 10
 Limit1: [EN55013] FM(Local)
 Limit2: [EN55013] FM(Other)

Op. Mode :
 Comment :
 Operator : J.EBIHARA
 TEST EQUIP: ESAI
 Date : 2009/9/3 21:36
 Local : 108.7MHz
 Receive : 98MHz

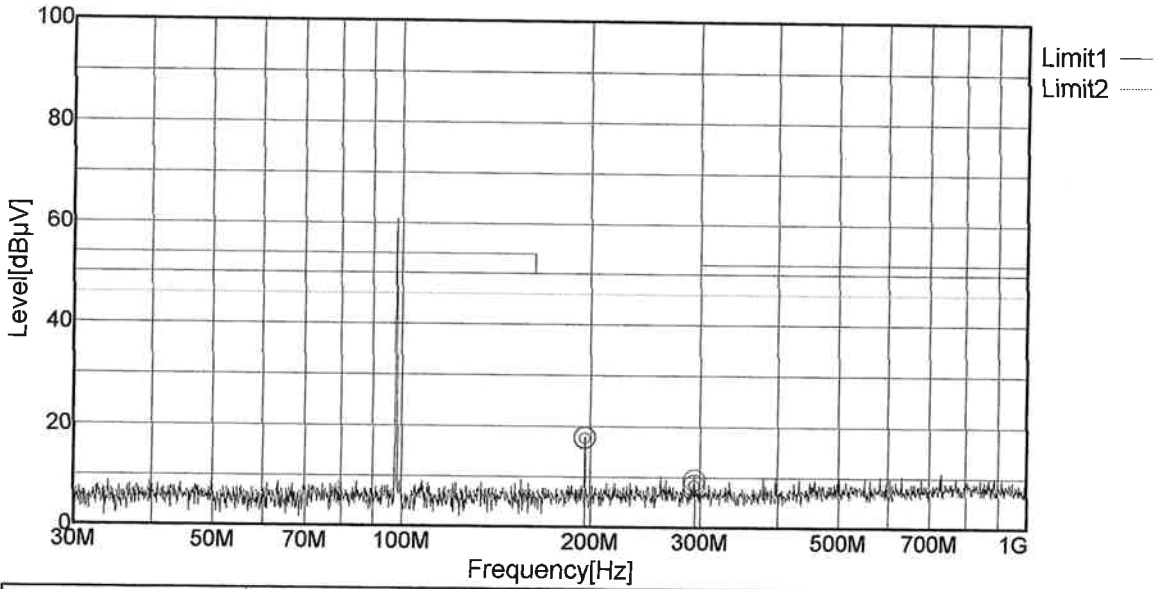


Frequency[MHz]	Level[dBµV]	Limit1[dBµV]	Limit2[dBµV]	Margin1[dB]	Margin2[dB]
49.911	8.7	54.0	46.0	45.3	37.3
98.000	60.7	54.0	46.0	▲6.7	▲14.7
155.222	9.3	54.0	46.0	44.7	36.7
196.222	17.9	50.0	46.0	32.1	28.1
260.000	10.1	50.0	46.0	39.9	35.9
294.111	10.3	50.0	46.0	39.7	35.7
397.600	9.9	52.0	46.0	42.1	36.1
631.867	10.2	52.0	46.0	41.8	35.8
731.733	10.9	52.0	46.0	41.1	35.1
1174.167	35.4	52.0	46.0	16.6	10.6

ANTENNA Term. Voltage

Model Name : 10 TDF ENTRY USB
 Model No. : KDC-4547UW
 Serial No. : PPE00002
 Temp. / POW: 26 deg C / 14.4V
 Detector : QP
 Points : 2
 Limit1: [EN55013] FM(Local)
 Limit2: [EN55013] FM(Other)

Op. Mode :
 Comment :
 Operator : J.EBIHARA
 TEST EQUIP: ESAI
 Date : 2009/9/3 21:39
 Local : 108.7MHz
 Receive : 98MHz

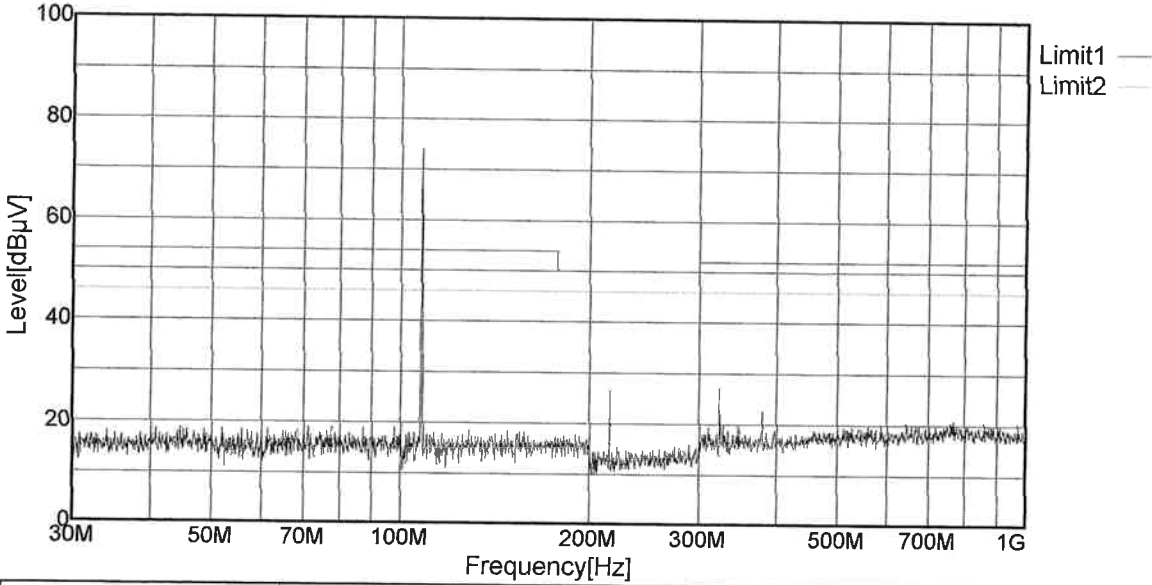


Frequency[MHz]	Level[dBµV]	Level (Av.)[dBµV]	Limit1 [dBµV]	Limit2 [dBµV]	Margin1[dB]	Margin2[dB]
195.982	17.9	17.6	50.0	46.0	32.1	28.4
293.991	9.5	8.4	50.0	46.0	40.5	37.6

ANTENNA Term. Voltage

Model Name : 10 TDF ENTRY USB
 Model No. : KDC-4547UW
 Serial No. : PPE00002
 Temp. / POW: 26 deg C / 14.4V
 Detector : PEAK
 Bands : 9
 Limit1: [EN55013] FM(Local)
 Limit2: [EN55013] FM(Other)

Op. Mode :
 Comment :
 Operator : J.EBIHARA
 TEST EQUIP: ESAI
 Date : 2009/9/3 21:40
 Local : 118.7MHz
 Receive : 108MHz



Frequency[MHz]	Level[dBµV]	Limit1[dBµV]	Limit2[dBµV]	Margin1[dB]	Margin2[dB]
44.511	18.7	54.0	46.0	35.3	27.3
71.167	18.9	54.0	46.0	35.1	27.1
77.500	18.9	54.0	46.0	35.1	27.1
107.889	73.9	54.0	46.0	▲19.9	▲27.9
113.444	17.9	54.0	46.0	36.1	28.1
216.000	26.6	50.0	46.0	23.5	19.5
311.867	17.9	52.0	46.0	34.1	28.1
324.000	27.2	52.0	46.0	24.9	18.9
356.000	17.8	52.0	46.0	34.2	28.2
379.733	22.6	52.0	46.0	29.4	23.4
396.933	18.7	52.0	46.0	33.3	27.3
527.333	19.3	52.0	46.0	32.7	26.7
559.600	19.6	52.0	46.0	32.4	26.4
586.267	20.0	52.0	46.0	32.0	26.0
674.533	19.8	52.0	46.0	32.2	26.2
769.333	20.9	52.0	46.0	31.2	25.2

ANTENNA Term. Voltage

Model Name : 10 TDF ENTRY USB

Model No. : KDC-4547UW

Serial No. : PPE00002

Temp. / POW: 26 deg C / 14.4V

Detector : QP

Points : 3

Limit1: [EN55013] FM(Local)

Limit2: [EN55013] FM(Other)

Op. Mode :

Comment :

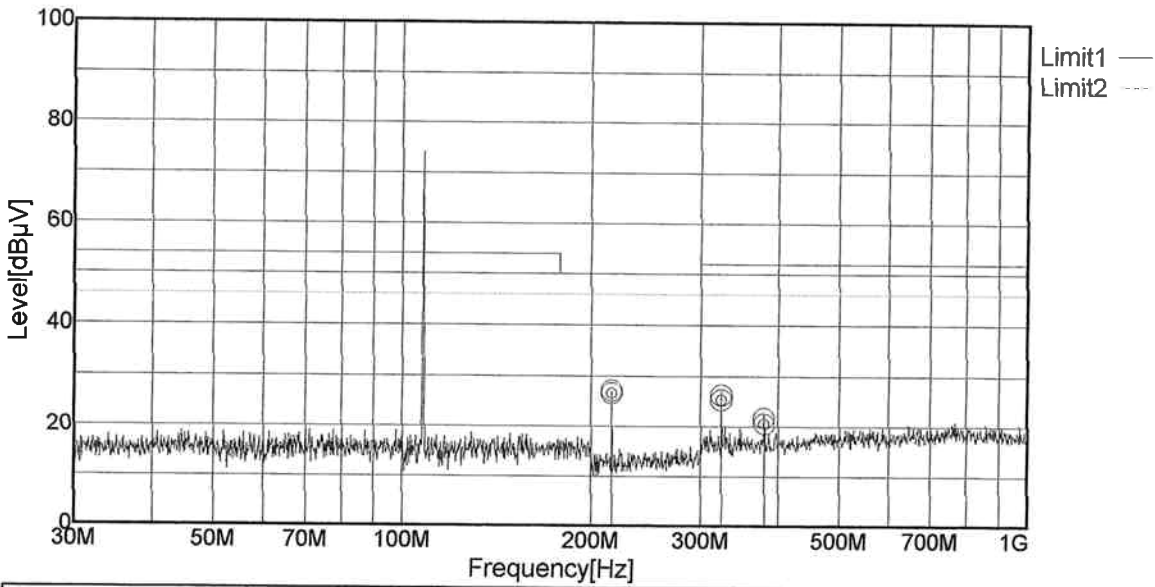
Operator : J.EBIHARA

TEST EQUIP : ESAI

Date : 2009/9/3 21:42

Local : 118.7MHz

Receive : 108MHz



Frequency [MHz]	Level [dBµV]	Level (Av.) [dBµV]	Limit1 [dBµV]	Limit2 [dBµV]	Margin1 [dB]	Margin2 [dB]
215.970	27.2	26.6	50.0	46.0	22.9	19.4
323.964	26.3	25.3	52.0	46.0	25.7	20.7
379.589	21.7	20.5	52.0	46.0	30.3	25.5

TEST REPORT

Electromagnetic Immunity

Equipment under test	: KDC-4547UW		
Standard	: EN55020:2007		
Measurements	: Input immunity(S1)		Page 2
	: Immunity to conducted currents(S2b)		38
	: Electrostatic discharge		56
Test Result	: Pass		
Test facility	: Shielded enclosure and semi-anechoic chamber at Car Electronics Division, KENWOOD corporation		
Instrumentation	: RF generator	Rohde & Schwarz	SMG
	AF generator	Rohde & Schwarz	SMG-B2
	AF generator	Rohde & Schwarz	UPA-B6
	Splitter	Ind. Electronics	ZFSC-2-4
	RF switch	Rohde & Schwarz	PSU
	RF amplifier	ENI	325LA
	Audio analyzer	Rohde & Schwarz	UPA
	RF volt meter	Rohde & Schwarz	URV5
	RF level meter	Rohde & Schwarz	URV35
	Power divider	Kyoritsu D.K.	AUF 1603
	Electrostatic discharge Simulator	KIKUSUI	KES4021

Tokyo, 1 December, 2009

Reviewed by



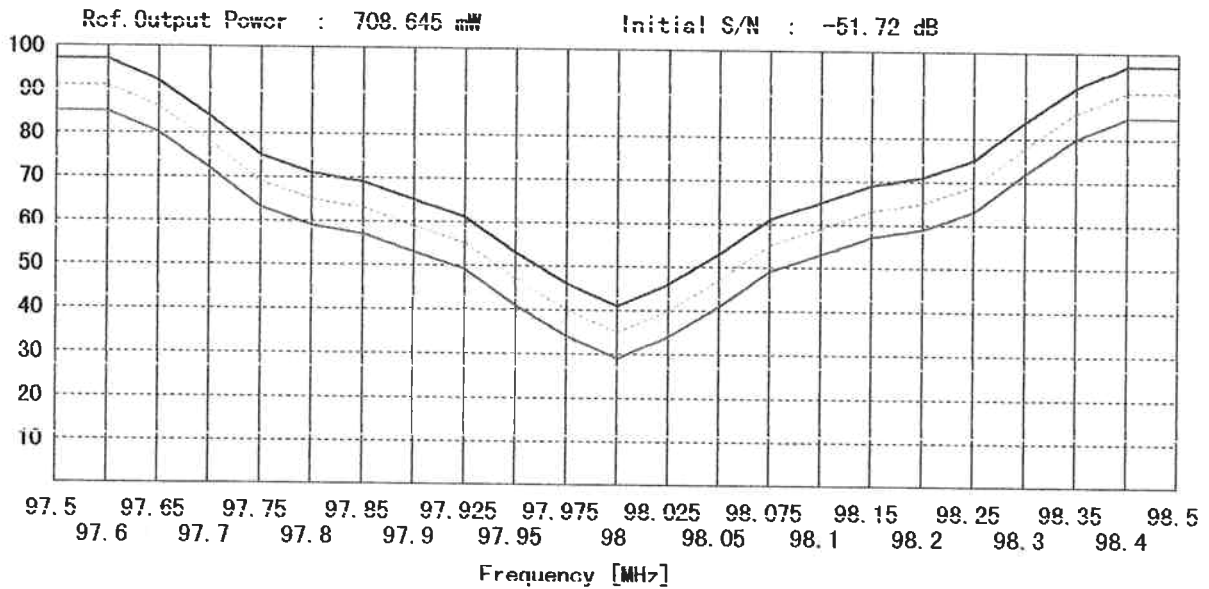
Norio Iwashita, Group Manager
Safety and Environment Group
Technology Development Div.

S1 Input Immunity

KENWOOD CORPORATION

Date : 09/03/09 13:46

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operater	: J. EBIHARA
Memo	: FRONT L vol:24		
Operation Mode	: FM Reception	Output Port	: SPEAKER
Mode	: Mono	Channel	: Left



***** Results of Measurement *****

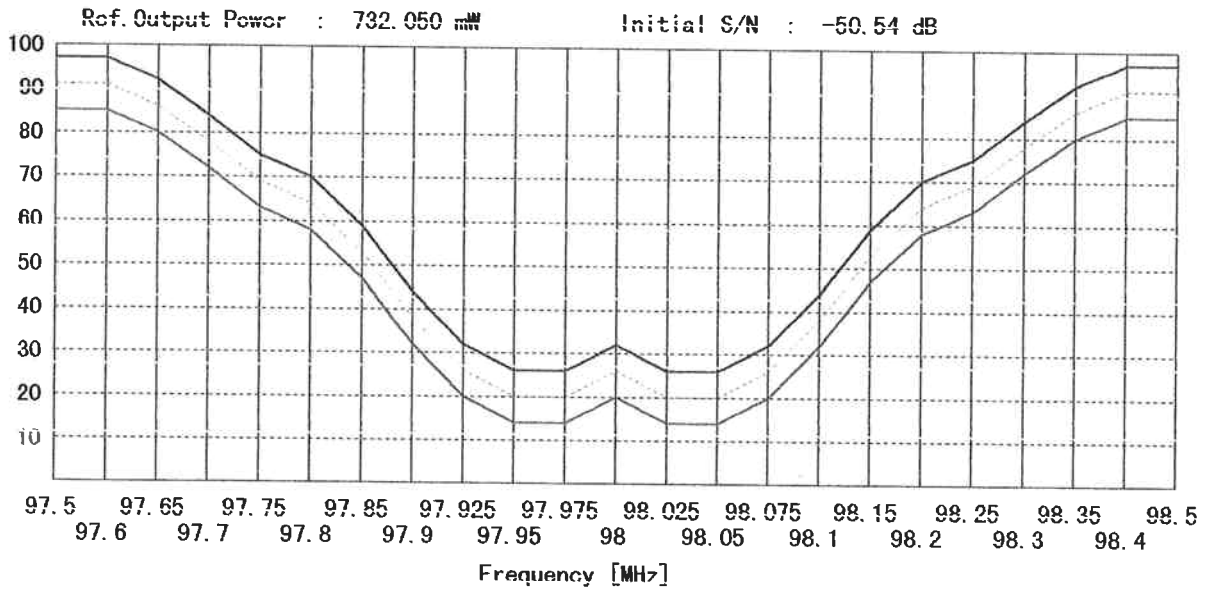
Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]
97.500	97.0	85.0	12.0
97.600	97.0	85.0	12.0
97.650	92.0	80.0	12.0
97.700	84.0	72.0	12.0
97.750	75.0	63.0	12.0
97.800	71.0	59.0	12.0
97.850	69.0	57.0	12.0
97.900	65.0	53.0	12.0
97.925	61.0	49.0	12.0
97.950	53.0	41.0	12.0
97.975	46.0	34.0	12.0
98.000	41.0	29.0	12.0
98.025	46.0	34.0	12.0
98.050	53.0	41.0	12.0
98.075	61.0	49.0	12.0
98.100	65.0	53.0	12.0
98.150	69.0	57.0	12.0
98.200	71.0	59.0	12.0
98.250	75.0	63.0	12.0
98.300	84.0	72.0	12.0
98.350	92.0	80.0	12.0
98.400	97.0	85.0	12.0
98.500	97.0	85.0	12.0

S1 input immunity

KENWOOD CORPORATION

Date : 09/03/09 13:47

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operator	: J. EBIHARA
Memo	: FRONT L vol:24		
Operation Mode:	FM Reception	Output Port	: SPEAKER
Mode	: Stereo	Channel	: Left



***** Results of Measurement *****

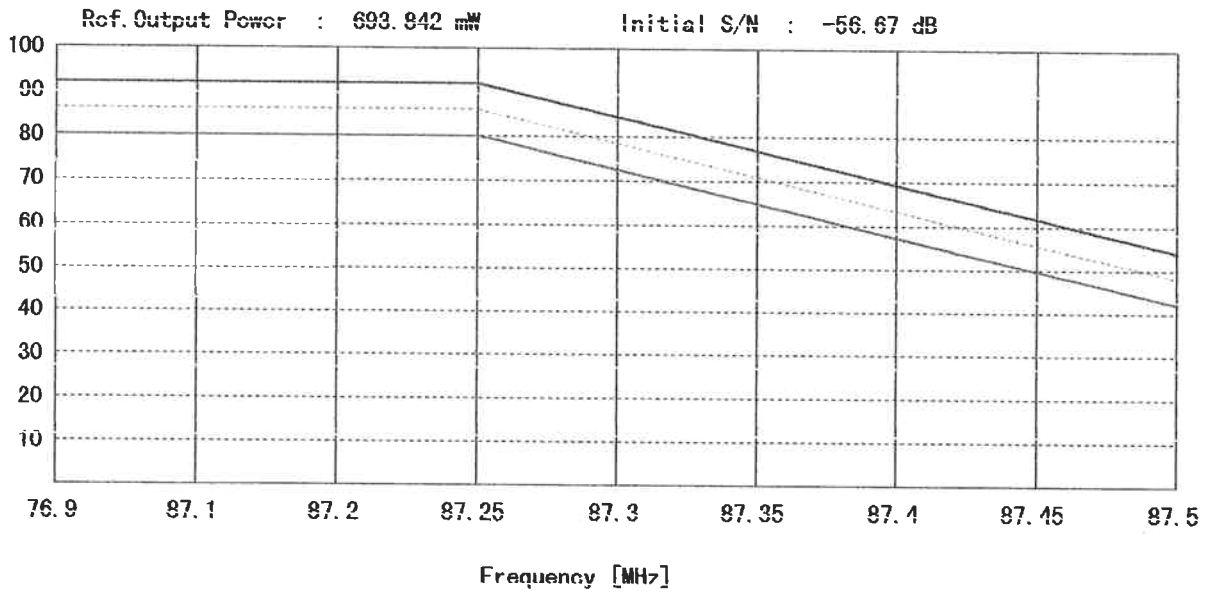
Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]
97.500	97.0	85.0	12.0
97.600	97.0	85.0	12.0
97.650	92.0	80.0	12.0
97.700	84.0	72.0	12.0
97.750	75.0	63.0	12.0
97.800	70.0	58.0	12.0
97.850	59.0	47.0	12.0
97.900	44.0	32.0	12.0
97.925	32.0	20.0	12.0
97.950	26.0	14.0	12.0
97.975	26.0	14.0	12.0
98.000	32.0	20.0	12.0
98.025	26.0	14.0	12.0
98.050	26.0	14.0	12.0
98.075	32.0	20.0	12.0
98.100	44.0	32.0	12.0
98.150	59.0	47.0	12.0
98.200	70.0	58.0	12.0
98.250	75.0	63.0	12.0
98.300	84.0	72.0	12.0
98.350	92.0	80.0	12.0
98.400	97.0	85.0	12.0
98.500	97.0	85.0	12.0

SI Input Immunity

KENWOOD CORPORATION

Date : 09/03/09 13:42

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operator	: J. EBIHARA
Memo	: FRONT L vol:24		
Operation Mode	: FM Reception	Output Port	: SPEAKER
Mode	: Mono	Channel	: Left



***** Results of Measurement *****

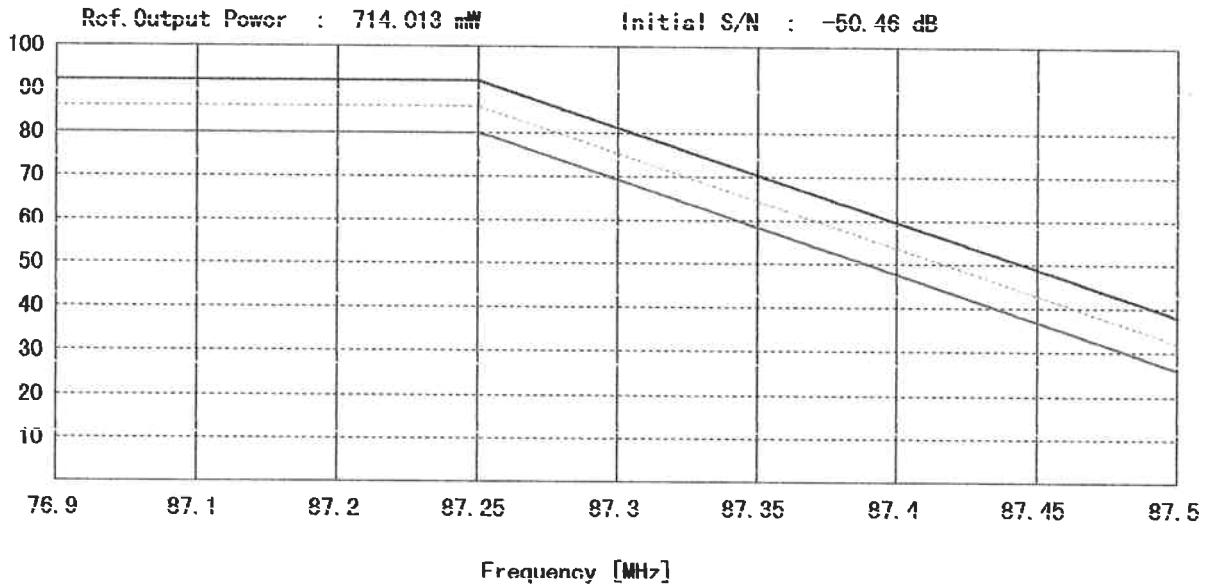
Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]
76.900	92.0	80.0	12.0
87.100	92.0	80.0	12.0
87.200	92.0	80.0	12.0
87.250	92.0	80.0	12.0
87.300	84.4	72.4	12.0
87.350	76.8	64.8	12.0
87.400	69.2	57.2	12.0
87.450	61.6	49.6	12.0
87.500	54.0	42.0	12.0

S1 Input Immunity

KENWOOD CORPORATION

Date : 09/03/09 13:43

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operater	: J. EBIHARA
Memo	: FRONT L vol:24		
Operation Mode:	FM Reception	Output Port	: SPEAKER
Mode	: Stereo	Channel	: Left



***** Results of Measurement *****

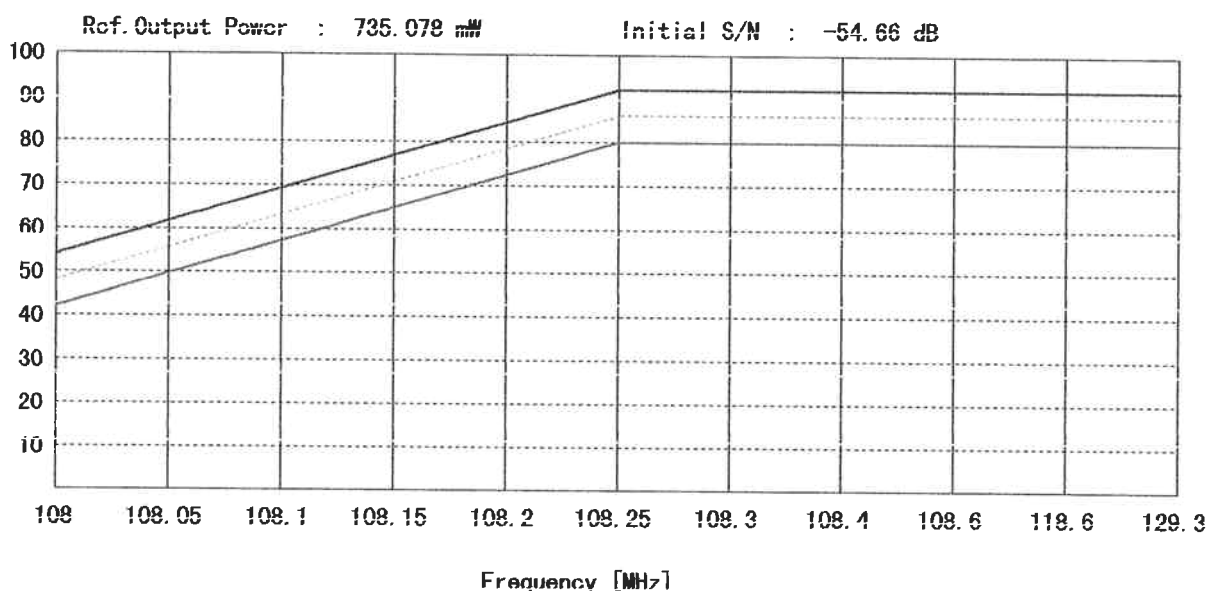
Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]
76.900	92.0	80.0	12.0
77.100	92.0	80.0	12.0
77.200	92.0	80.0	12.0
77.250	92.0	80.0	12.0
77.300	81.2	69.2	12.0
77.350	70.4	58.4	12.0
77.400	59.6	47.6	12.0
77.450	48.8	36.8	12.0
77.500	38.0	26.0	12.0

S1 Input Immunity

KENWOOD CORPORATION

Date : 09/03/09 13:45

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operater	: J. EBIHARA
Memo	: FRONT L vol:24		
Operation Mode	: FM Reception	Output Port	: SPEAKER
Mode	: Mono	Channel	: Left



***** Results of Measurement *****

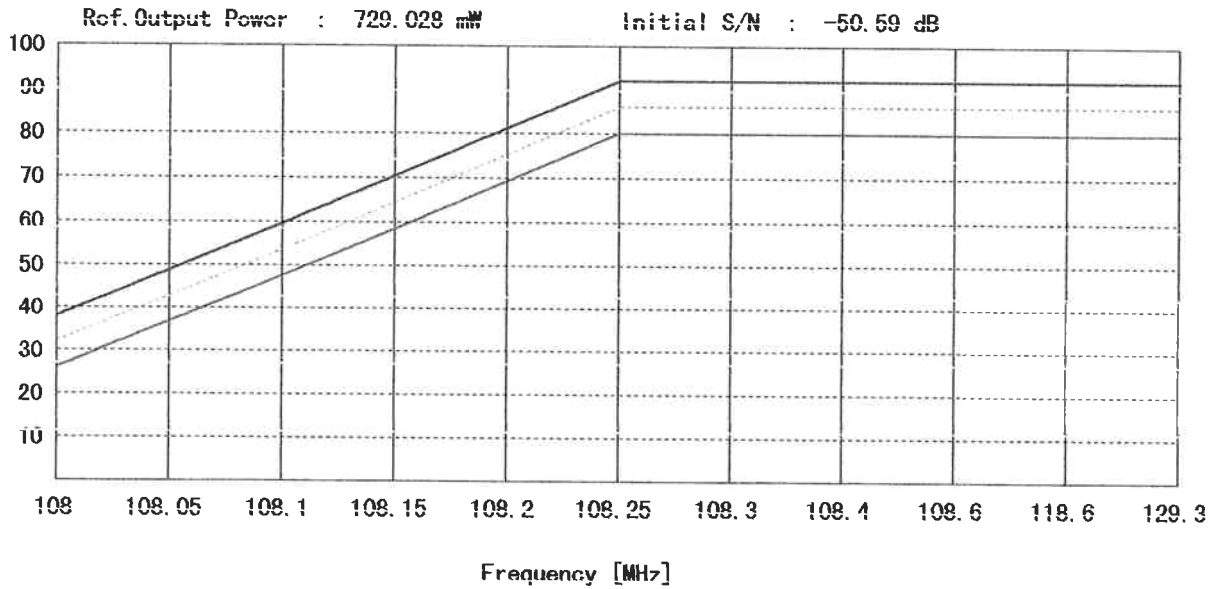
Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]
108.000	54.0	42.0	12.0
108.050	61.6	49.6	12.0
108.100	69.2	57.2	12.0
108.150	76.8	64.8	12.0
108.200	84.4	72.4	12.0
108.250	92.0	80.0	12.0
108.300	92.0	80.0	12.0
108.400	92.0	80.0	12.0
108.600	92.0	80.0	12.0
118.600	92.0	80.0	12.0
129.300	92.0	80.0	12.0

S1 Input Immunity

KENWOOD CORPORATION

Date : 09/03/09 13:44

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operater	: J. EBIHARA
Memo	: FRONT L vol:24		
Operation Mode:	FM Reception	Output Port	: SPEAKER
Mode	: Stereo	Channel	: Left



***** Results of Measurement *****

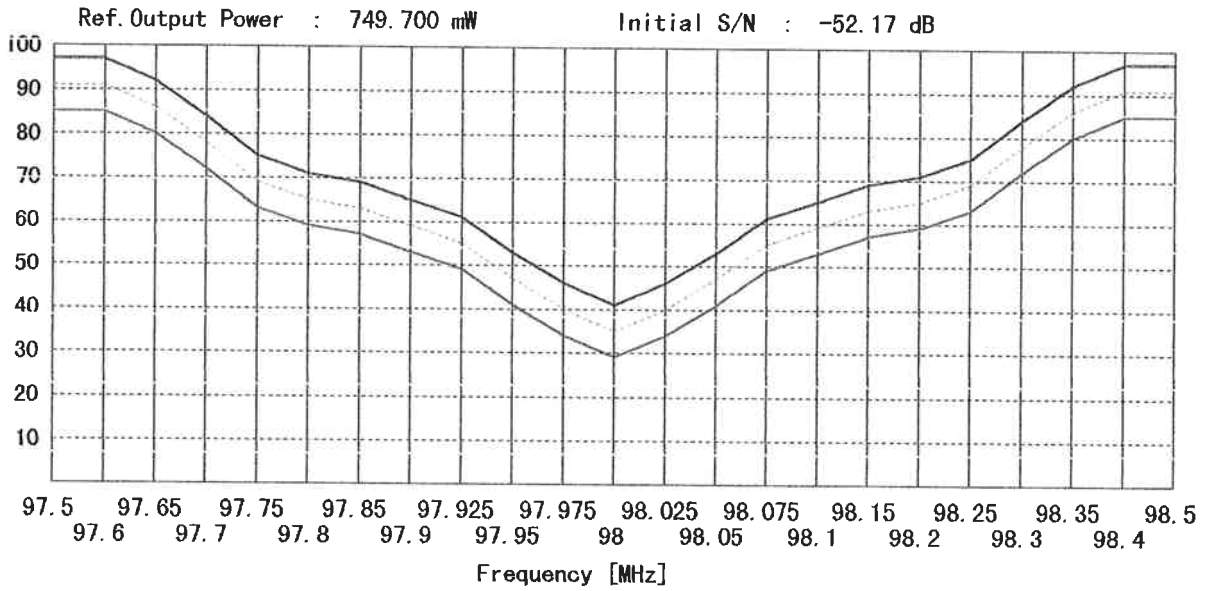
Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]
108.000	38.0	26.0	12.0
108.050	48.8	36.8	12.0
108.100	59.6	47.6	12.0
108.150	70.4	58.4	12.0
108.200	81.2	69.2	12.0
108.250	92.0	80.0	12.0
108.300	92.0	80.0	12.0
108.400	92.0	80.0	12.0
108.600	92.0	80.0	12.0
118.600	92.0	80.0	12.0
129.300	92.0	80.0	12.0

S1 Input Immunity

KENWOOD CORPORATION

Date : 09/03/09 13:50

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operater	: J. EBIHARA
Memo	: FRONT R vol:24		
Operation Mode:	FM Reception	Output Port	: SPEAKER
Mode	: Mono	Channel	: Right



***** Results of Measurement *****

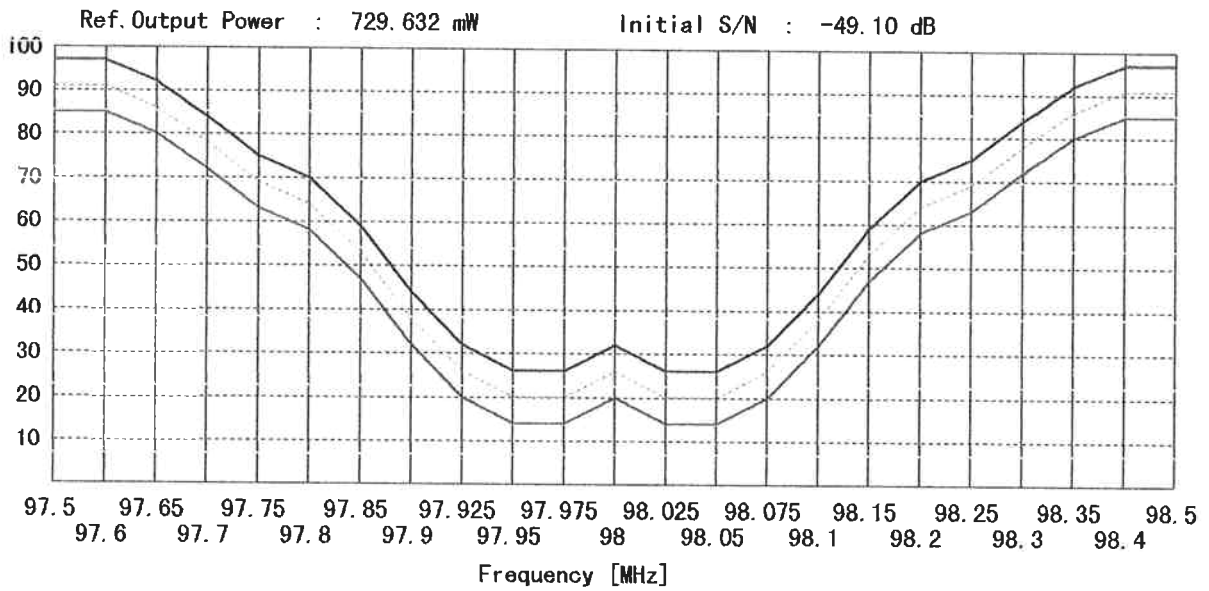
Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]
97.500	97.0	85.0	12.0
97.600	91.0	85.0	12.0
97.650	92.0	80.0	12.0
97.700	84.0	72.0	12.0
97.750	75.0	63.0	12.0
97.800	71.0	59.0	12.0
97.850	69.0	57.0	12.0
97.900	65.0	53.0	12.0
97.925	61.0	49.0	12.0
97.950	53.0	41.0	12.0
97.975	46.0	34.0	12.0
98.000	41.0	29.0	12.0
98.025	46.0	34.0	12.0
98.050	53.0	41.0	12.0
98.075	61.0	49.0	12.0
98.100	65.0	53.0	12.0
98.150	69.0	57.0	12.0
98.200	71.0	59.0	12.0
98.250	75.0	63.0	12.0
98.300	84.0	72.0	12.0
98.350	92.0	80.0	12.0
98.400	97.0	85.0	12.0
98.500	97.0	85.0	12.0

S1 Input Immunity

KENWOOD CORPORATION

Date : 09/03/09 13:49

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operator	: J. EBIHARA
Memo	: FRONT R vol:24		
Operation Mode	: FM Reception	Output Port	: SPEAKER
Mode	: Stereo	Channel	: Right



***** Results of Measurement *****

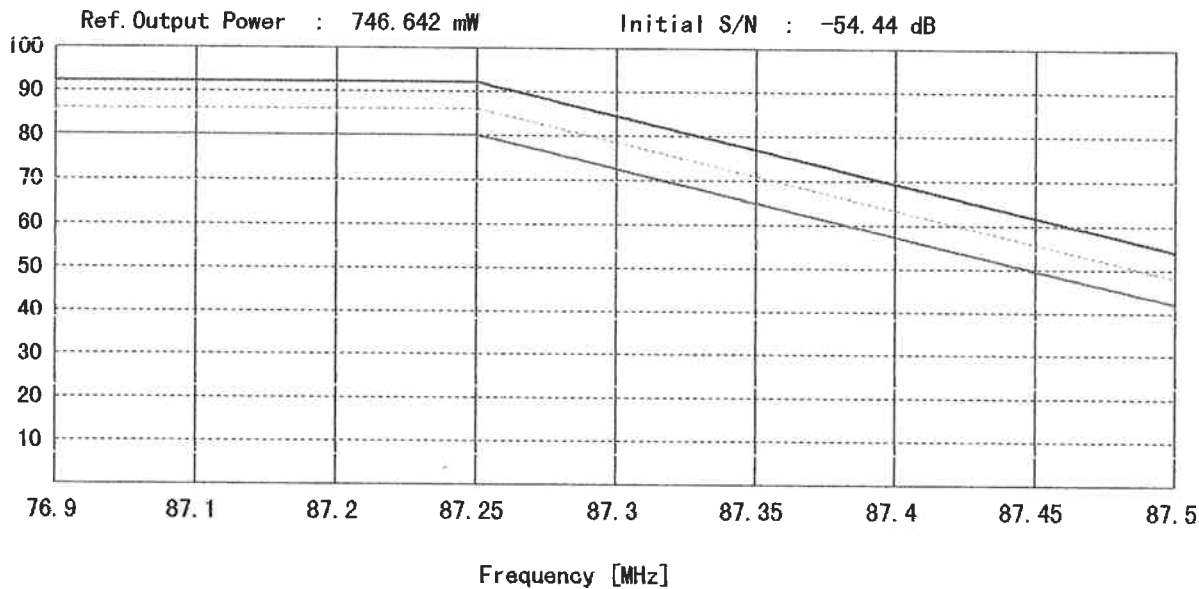
Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]
97.500	97.0	85.0	12.0
97.600	91.0	85.0	12.0
97.650	92.0	80.0	12.0
97.700	84.0	72.0	12.0
97.750	75.0	63.0	12.0
97.800	70.0	58.0	12.0
97.850	59.0	47.0	12.0
97.900	44.0	32.0	12.0
97.925	32.0	20.0	12.0
97.950	26.0	14.0	12.0
97.975	26.0	14.0	12.0
98.000	32.0	20.0	12.0
98.025	26.0	14.0	12.0
98.050	26.0	14.0	12.0
98.075	32.0	20.0	12.0
98.100	44.0	32.0	12.0
98.150	59.0	47.0	12.0
98.200	70.0	58.0	12.0
98.250	75.0	63.0	12.0
98.300	84.0	72.0	12.0
98.350	92.0	80.0	12.0
98.400	97.0	85.0	12.0
98.500	97.0	85.0	12.0

S1 input immunity

KENWOOD CORPORATION

Date : 09/03/09 13:54

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 11.4V
Serial No.	: PPE00002	Operater	: J.EBIHARA
Memo	: FRONT R vol:24		
Operation Mode	: FM Reception	Output Port	: SPEAKER
Mode	: Mono	Channel	: Right



***** Results of Measurement *****

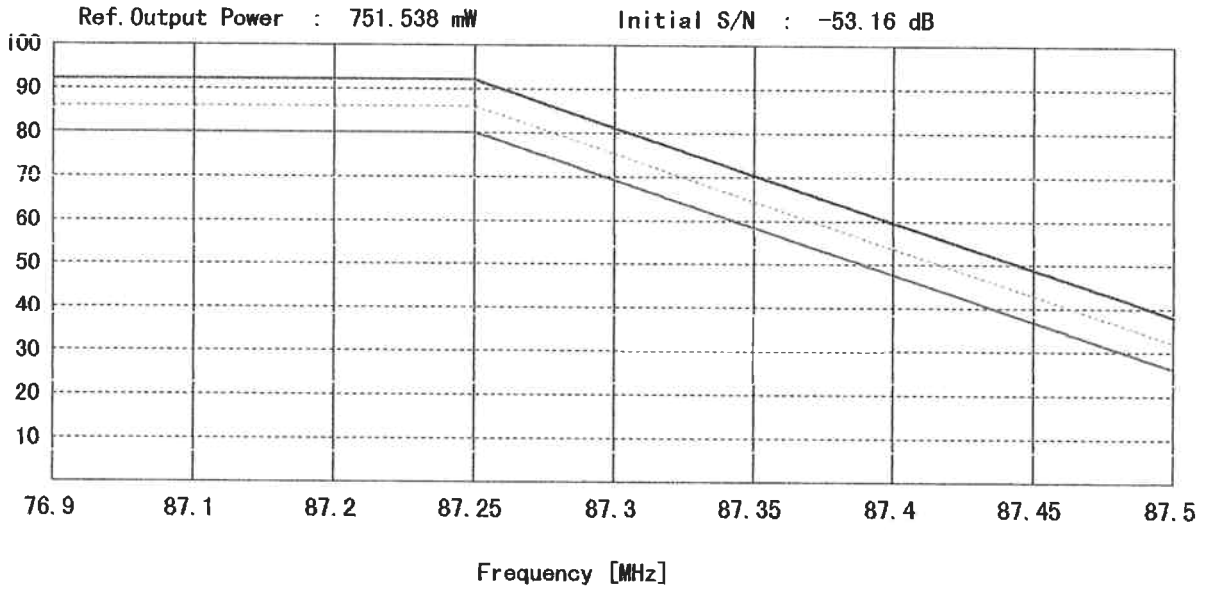
Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]
76.900	92.0	80.0	12.0
87.100	92.0	80.0	12.0
87.200	92.0	80.0	12.0
87.250	92.0	80.0	12.0
87.300	84.4	72.4	12.0
87.350	76.8	64.8	12.0
87.400	69.2	57.2	12.0
87.450	61.6	49.6	12.0
87.500	54.0	42.0	12.0

S1 Input Immunity

KENWOOD CORPORATION

Date : 09/03/09 13:53

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operater	: J. EBIHARA
Memo	: FRONT R vol:24		
Operation Mode	: FM Reception	Output Port	: SPEAKER
Mode	: Stereo	Channel	: Right



***** Results of Measurement *****

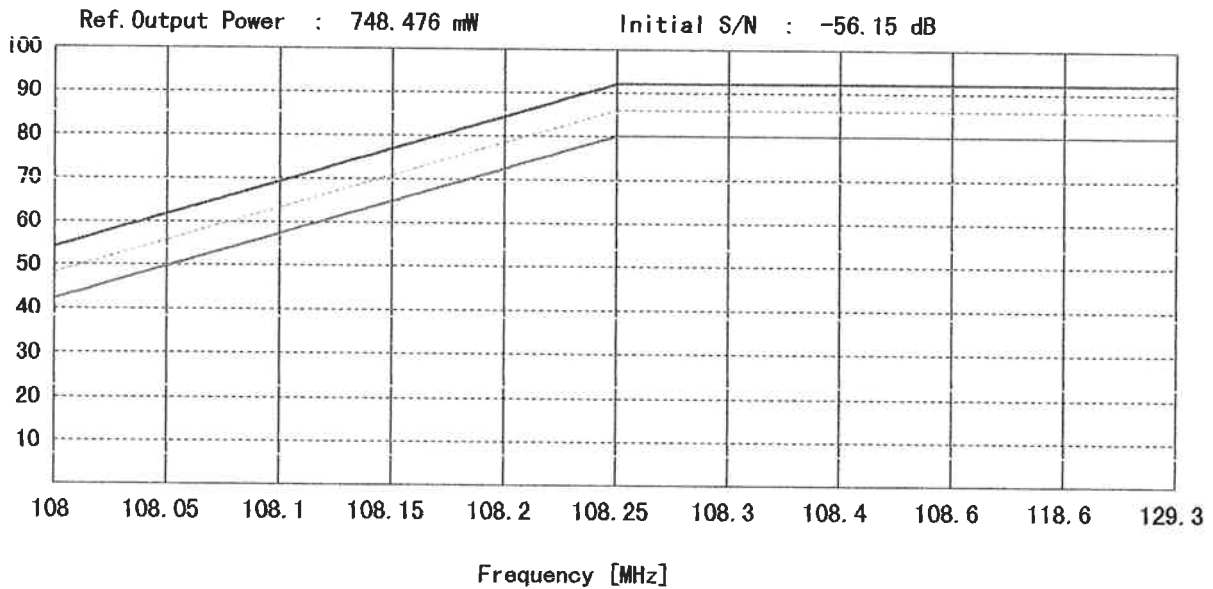
Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]
76.900	92.0	80.0	12.0
87.100	92.0	80.0	12.0
87.200	92.0	80.0	12.0
87.250	92.0	80.0	12.0
87.300	81.2	69.2	12.0
87.350	70.4	58.4	12.0
87.400	59.6	47.6	12.0
87.450	48.8	36.8	12.0
87.500	38.0	26.0	12.0

S1 Input Immunity

KENWOOD CORPORATION

Date : 09/03/09 13:51

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operater	: J. EBIHARA
Memo	: FRONT R vol:24		
Operation Mode	: FM Reception	Output Port	: SPEAKER
Mode	: Mono	Channel	: Right



***** Results of Measurement *****

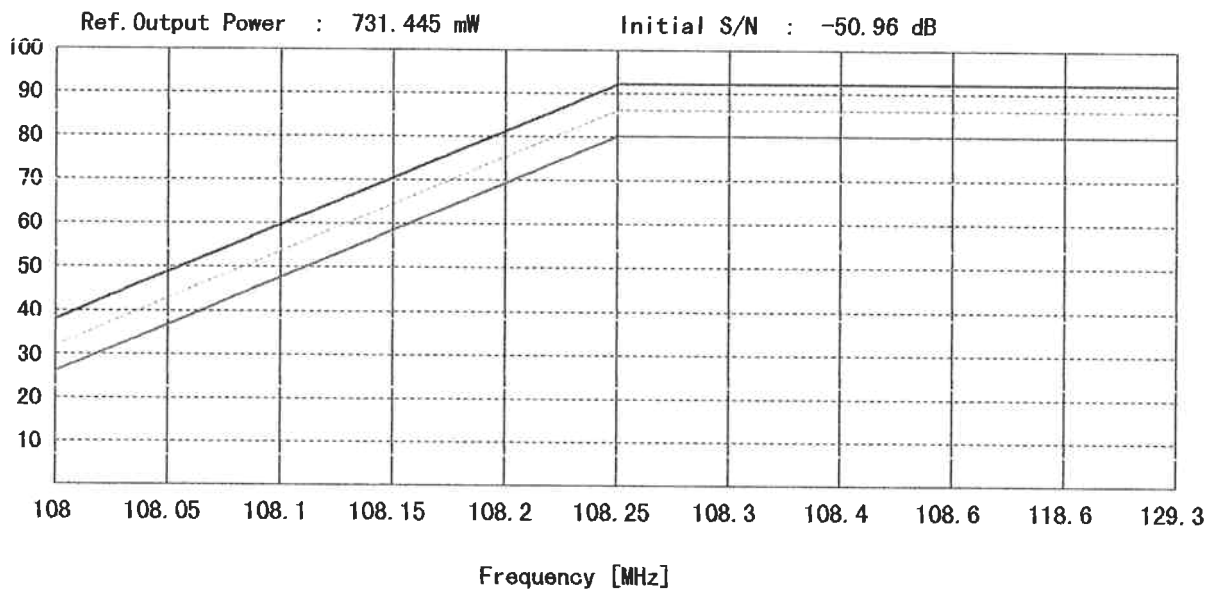
Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]
108.000	54.0	42.0	12.0
108.050	61.6	49.6	12.0
108.100	69.2	57.2	12.0
108.150	76.8	64.8	12.0
108.200	84.4	72.4	12.0
108.250	92.0	80.0	12.0
108.300	92.0	80.0	12.0
108.400	92.0	80.0	12.0
108.600	92.0	80.0	12.0
118.600	92.0	80.0	12.0
129.300	92.0	80.0	12.0

S1 Input Immunity

KENWOOD CORPORATION

Date : 09/03/09 13:52

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operater	: J. EBIHARA
Memo	: FRONT R vol:24		
Operation Mode:	FM Reception	Output Port	: SPEAKER
Mode	: Stereo	Channel	: Right



***** Results of Measurement *****

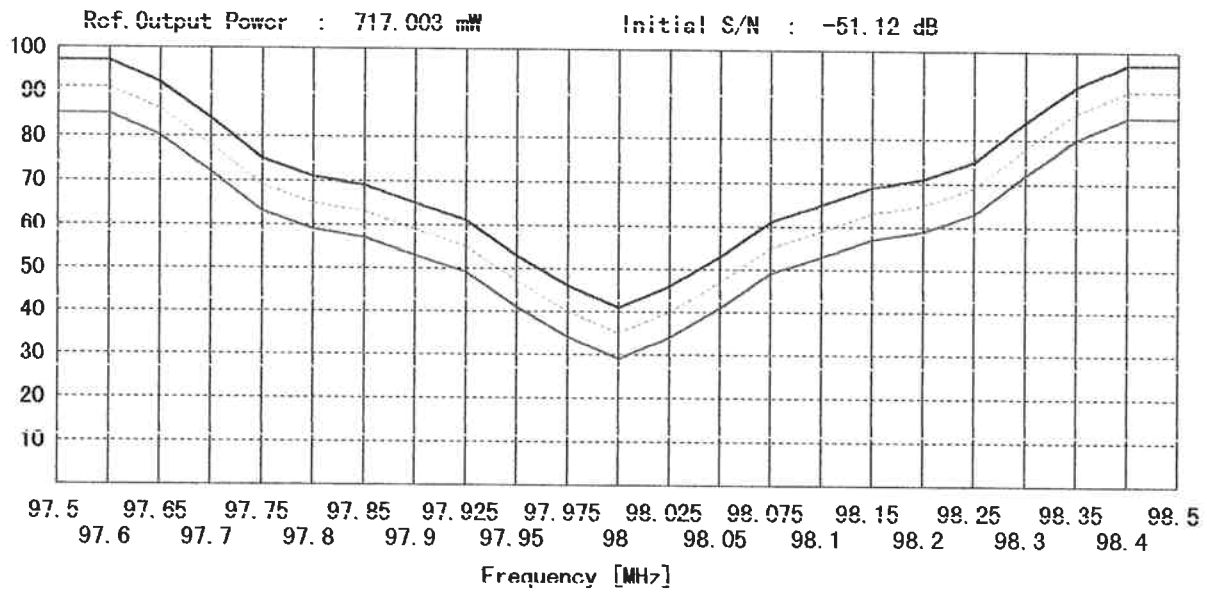
Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]
108.000	38.0	26.0	12.0
108.050	48.8	36.8	12.0
108.100	59.6	47.6	12.0
108.150	70.4	58.4	12.0
108.200	81.2	69.2	12.0
108.250	92.0	80.0	12.0
108.300	92.0	80.0	12.0
108.400	92.0	80.0	12.0
108.600	92.0	80.0	12.0
118.600	92.0	80.0	12.0
129.300	92.0	80.0	12.0

S1 Input Immunity

KENWOOD CORPORATION

Date : 09/03/09 14:05

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operater	: J. EBHARA
Memo	: REAR L vol:24		
Operation Mode	: FM Reception	Output Port	: SPEAKER
Mode	: Mono	Channel	: Left



***** Results of Measurement *****

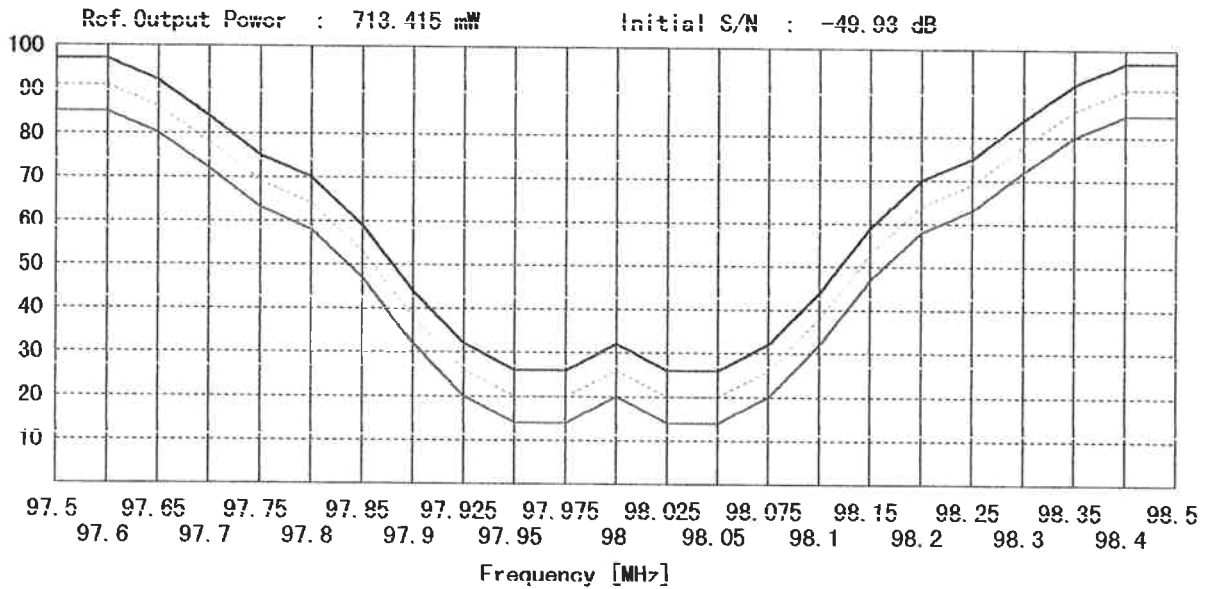
Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]
97.500	97.0	85.0	12.0
97.600	91.0	79.0	12.0
97.650	84.0	72.0	12.0
97.700	75.0	63.0	12.0
97.750	71.0	59.0	12.0
97.800	69.0	57.0	12.0
97.850	65.0	53.0	12.0
97.900	61.0	49.0	12.0
97.925	61.0	49.0	12.0
97.950	53.0	41.0	12.0
97.975	46.0	34.0	12.0
98.000	41.0	29.0	12.0
98.025	46.0	34.0	12.0
98.050	53.0	41.0	12.0
98.075	61.0	49.0	12.0
98.100	65.0	53.0	12.0
98.150	69.0	57.0	12.0
98.200	71.0	59.0	12.0
98.250	75.0	63.0	12.0
98.300	84.0	72.0	12.0
98.350	92.0	80.0	12.0
98.400	97.0	85.0	12.0
98.500	97.0	85.0	12.0

S1 input immunity

KENWOOD CORPORATION

Date : 09/03/09 14:04

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operator	: J. EBHARA
Memo	: REAR L vol:24		
Operation Mode	: FM Reception	Output Port	: SPEAKER
Mode	: Stereo	Channel	: Left



***** Results of Measurement *****

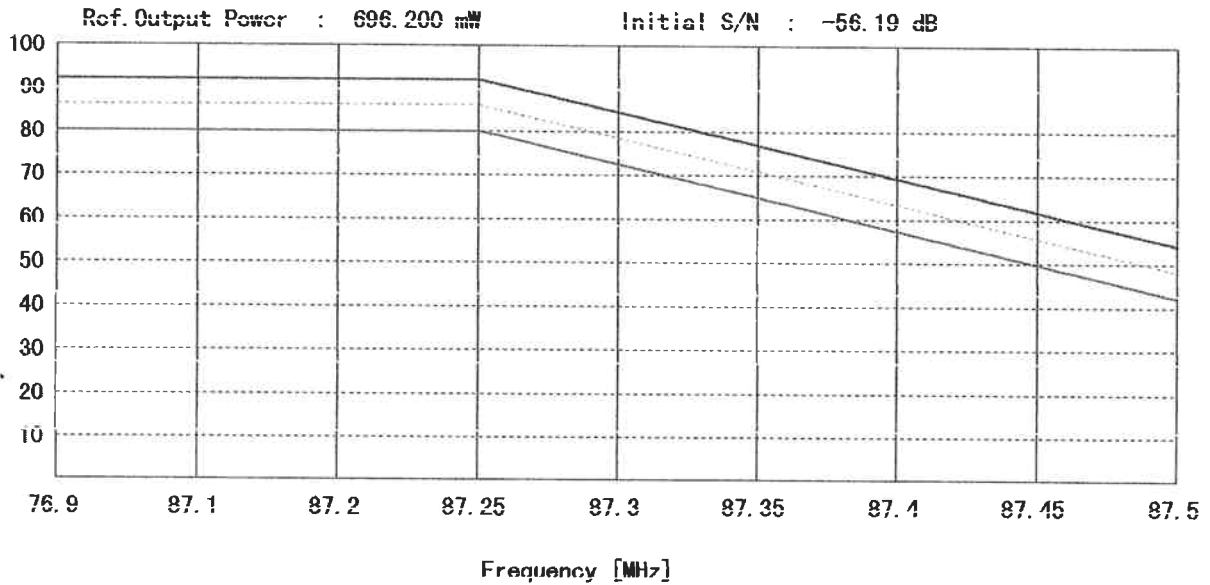
Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]
97.500	97.0	85.0	12.0
97.600	91.0	85.0	12.0
97.650	92.0	80.0	12.0
97.700	84.0	72.0	12.0
97.750	75.0	63.0	12.0
97.800	70.0	58.0	12.0
97.850	59.0	47.0	12.0
97.900	44.0	32.0	12.0
97.925	32.0	20.0	12.0
97.950	26.0	14.0	12.0
97.975	26.0	14.0	12.0
98.000	32.0	20.0	12.0
98.025	26.0	14.0	12.0
98.050	26.0	14.0	12.0
98.075	32.0	20.0	12.0
98.100	44.0	32.0	12.0
98.150	59.0	47.0	12.0
98.200	70.0	58.0	12.0
98.250	75.0	63.0	12.0
98.300	84.0	72.0	12.0
98.350	92.0	80.0	12.0
98.400	97.0	85.0	12.0
98.500	97.0	85.0	12.0

SI input immunity

KENWOOD CORPORATION

Date : 09/03/09 14:03

Trade Mark : KENWOOD	Specification :
Model Name : KDC-4547UW	Devorop. Stage : PP
Equipment :	Power Supply : 14.4V
Serial No. : PPE00002	Operator : J. EBIHARA
Memo : REAR L vol:24	
Operation Mode: FM Reception	Output Port : SPEAKER
Mode : Mono	Channel : Left



***** Results of Measurement *****

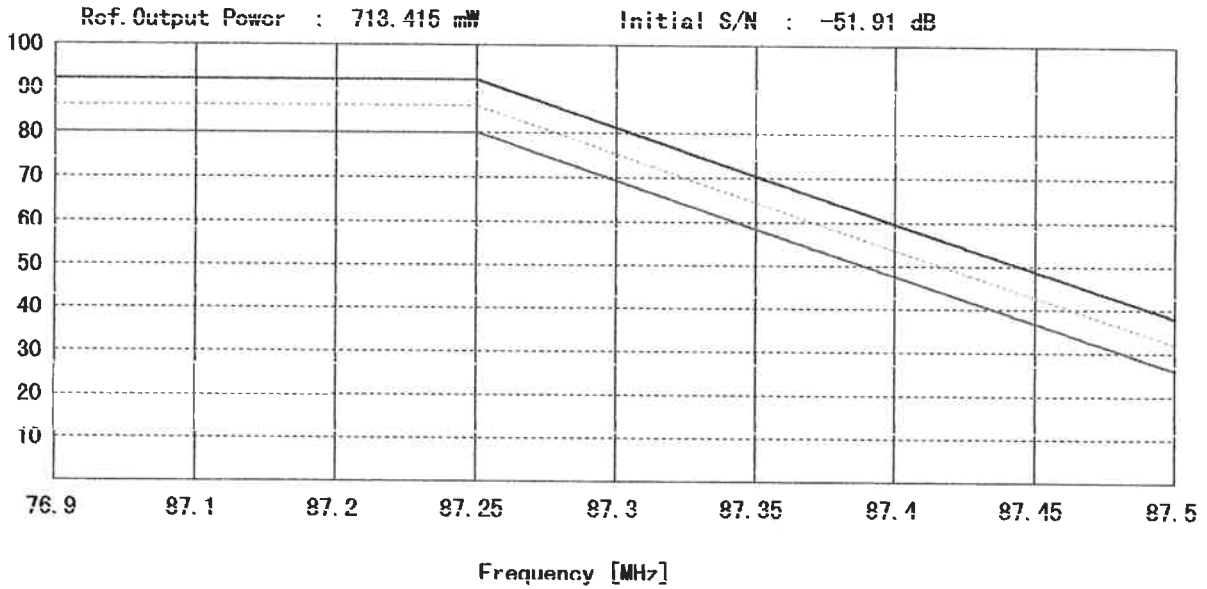
Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]
76.900	92.0	80.0	12.0
87.100	92.0	80.0	12.0
87.200	92.0	80.0	12.0
87.250	92.0	80.0	12.0
87.300	84.4	72.4	12.0
87.350	76.8	64.8	12.0
87.400	69.2	57.2	12.0
87.450	61.6	49.6	12.0
87.500	54.0	42.0	12.0

S1 input immunity

KENWOOD CORPORATION

Date : 09/03/09 14:03

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operator	: J. EBIHARA
Memo	: REAR L vol:24		
Operation Mode	: FM Reception	Output Port	: SPEAKER
Mode	: Stereo	Channel	: Left



***** Results of Measurement *****

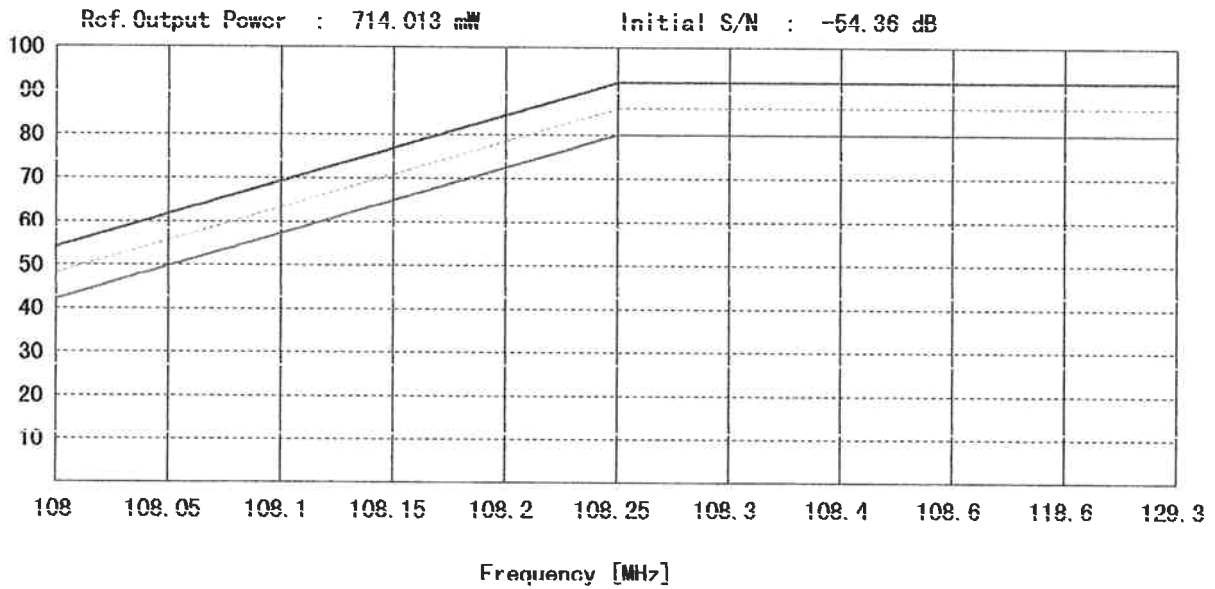
Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]
76.900	92.0	80.0	12.0
87.100	92.0	80.0	12.0
87.200	92.0	80.0	12.0
87.250	92.0	80.0	12.0
87.300	81.2	69.2	12.0
87.350	70.4	58.4	12.0
87.400	59.6	47.6	12.0
87.450	48.8	36.8	12.0
87.500	38.0	26.0	12.0

S1 Input Immunity

KENWOOD CORPORATION

Date : 09/03/09 14:02

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operator	: J. EBIHARA
Memo	: REAR L vol:24		
Operation Mode	: FM Reception	Output Port	: SPEAKER
Mode	: Mono	Channel	: Left



***** Results of Measurement *****

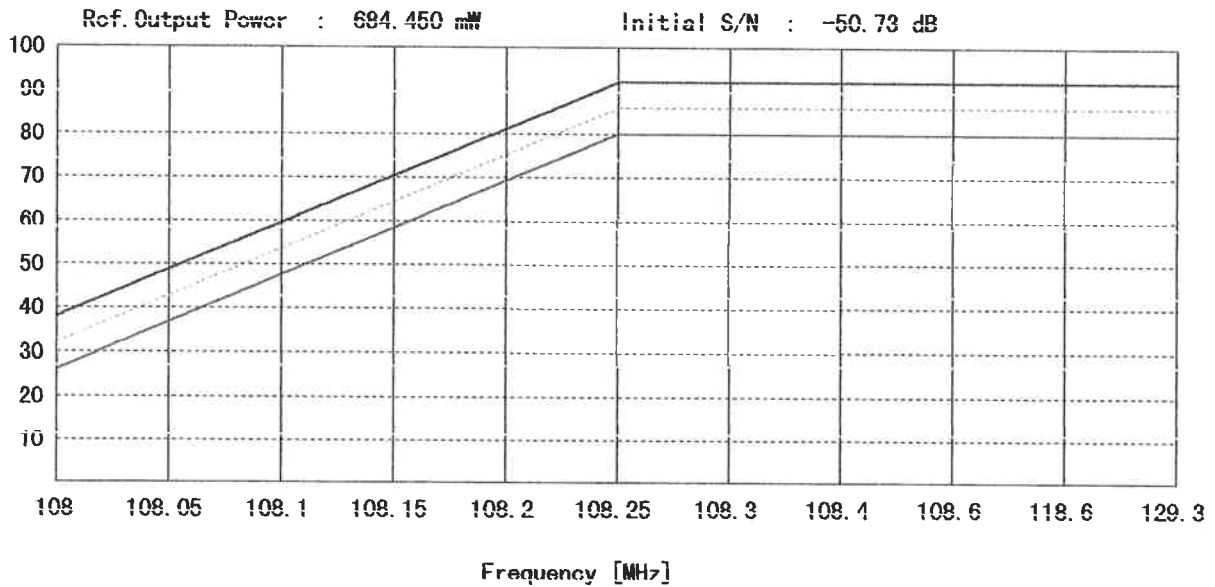
Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]
108.000	54.0	42.0	12.0
108.050	61.6	49.6	12.0
108.100	69.2	57.2	12.0
108.150	76.8	64.8	12.0
108.200	84.4	72.4	12.0
108.250	92.0	80.0	12.0
108.300	92.0	80.0	12.0
108.400	92.0	80.0	12.0
108.600	92.0	80.0	12.0
118.600	92.0	80.0	12.0
129.300	92.0	80.0	12.0

S1 Input Immunity

KENWOOD CORPORATION

Date : 09/03/09 14:01

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operator	: J. EBHARA
Memo	: REAR L vol:24		
Operation Mode:	FM Reception	Output Port	: SPEAKER
Mode	: Stereo	Channel	: Left



***** Results of Measurement *****

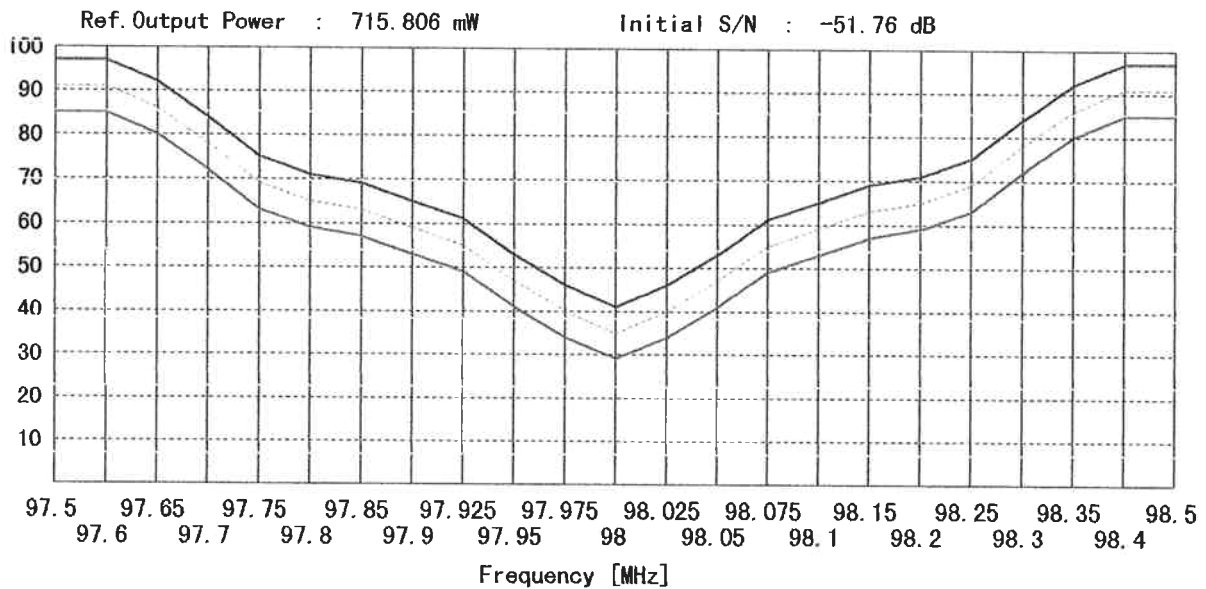
Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]
108.000	38.0	26.0	12.0
108.050	48.8	36.8	12.0
108.100	59.6	47.6	12.0
108.150	70.4	58.4	12.0
108.200	81.2	69.2	12.0
108.250	92.0	80.0	12.0
108.300	92.0	80.0	12.0
108.400	92.0	80.0	12.0
108.600	92.0	80.0	12.0
118.600	92.0	80.0	12.0
129.300	92.0	80.0	12.0

S1 input immunity

KENWOOD CORPORATION

Date : 09/03/09 13:59

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operater	: J. EBIHARA
Memo	: REAR R vol:24		
Operation Mode	: FM Reception	Output Port	: SPEAKER
Mode	: Mono	Channel	: Right



***** Results of Measurement *****

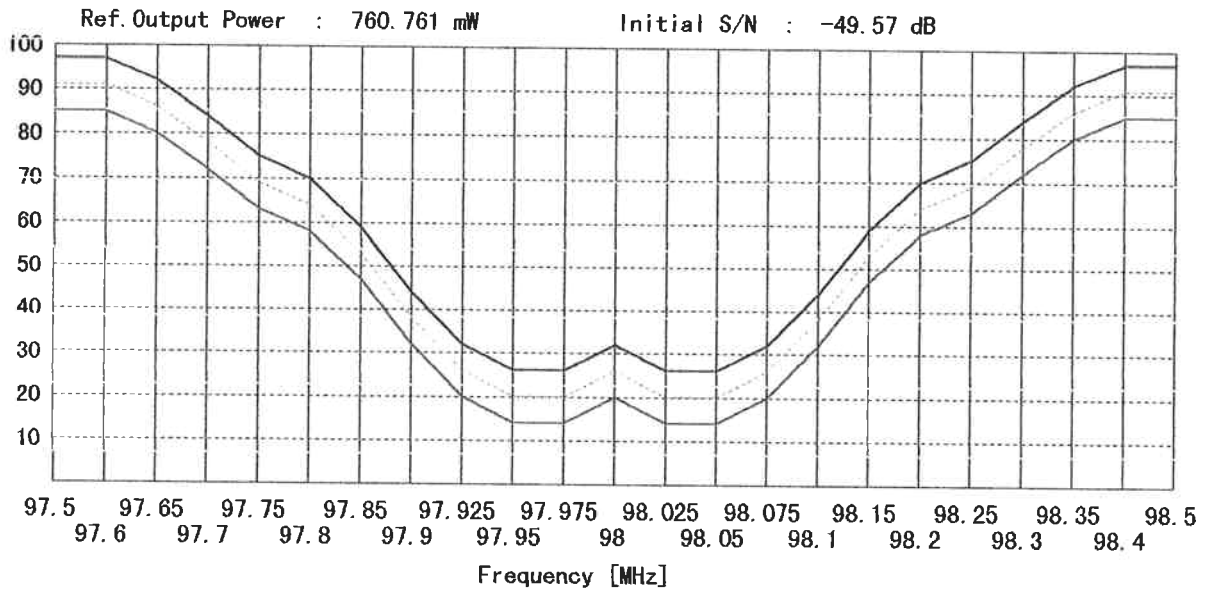
Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]
97.500	97.0	85.0	12.0
97.600	91.0	85.0	12.0
97.650	92.0	80.0	12.0
97.700	84.0	72.0	12.0
97.750	75.0	63.0	12.0
97.800	71.0	59.0	12.0
97.850	69.0	57.0	12.0
97.900	65.0	53.0	12.0
97.925	61.0	49.0	12.0
97.950	53.0	41.0	12.0
97.975	46.0	34.0	12.0
98.000	41.0	29.0	12.0
98.025	46.0	34.0	12.0
98.050	53.0	41.0	12.0
98.075	61.0	49.0	12.0
98.100	65.0	53.0	12.0
98.150	69.0	57.0	12.0
98.200	71.0	59.0	12.0
98.250	75.0	63.0	12.0
98.300	84.0	72.0	12.0
98.350	92.0	80.0	12.0
98.400	97.0	85.0	12.0
98.500	97.0	85.0	12.0

S1 input immunity

KENWOOD CORPORATION

Date : 09/03/09 14:00

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operator	: J. EBIHARA
Memo	: REAR R vol:24		
Operation Mode	: FM Reception	Output Port	: SPEAKER
Mode	: Stereo	Channel	: Right



***** Results of Measurement *****

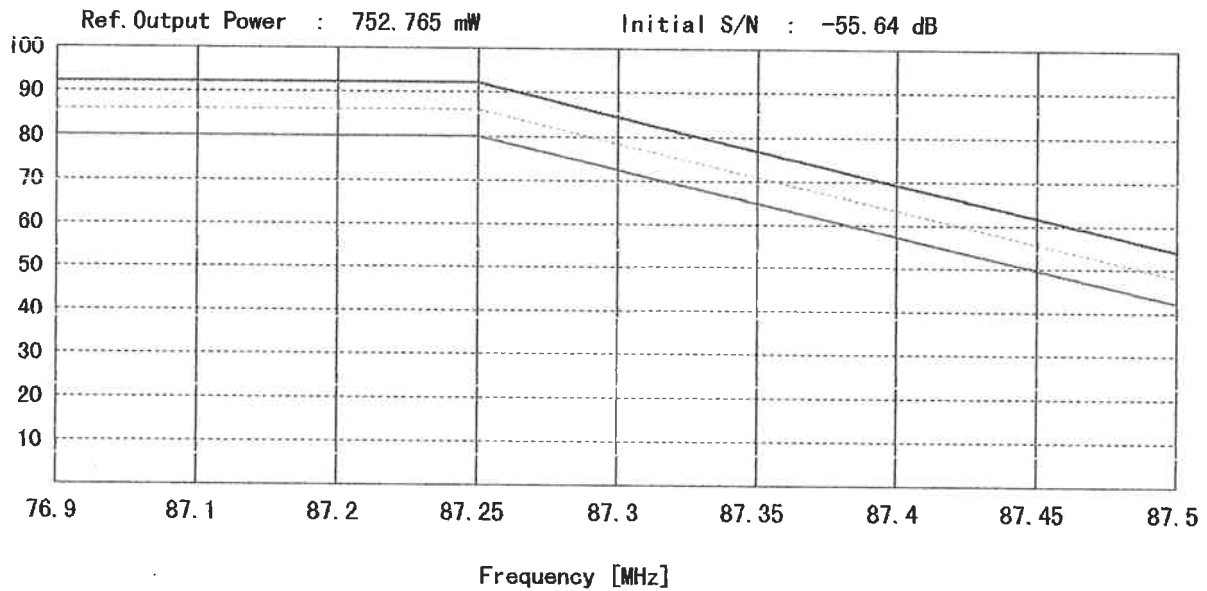
Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]
97.500	97.0	85.0	12.0
97.600	91.0	85.0	12.0
97.650	92.0	80.0	12.0
97.700	84.0	72.0	12.0
97.750	75.0	63.0	12.0
97.800	70.0	58.0	12.0
97.850	59.0	47.0	12.0
97.900	44.0	32.0	12.0
97.925	32.0	20.0	12.0
97.950	26.0	14.0	12.0
97.975	26.0	14.0	12.0
98.000	32.0	20.0	12.0
98.025	26.0	14.0	12.0
98.050	26.0	14.0	12.0
98.075	32.0	20.0	12.0
98.100	44.0	32.0	12.0
98.150	59.0	47.0	12.0
98.200	70.0	58.0	12.0
98.250	75.0	63.0	12.0
98.300	84.0	72.0	12.0
98.350	92.0	80.0	12.0
98.400	97.0	85.0	12.0
98.500	97.0	85.0	12.0

S1 Input Immunity

KENWOOD CORPORATION

Date : 09/03/09 13:55

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operater	: J. EBIHARA
Memo	: REAR R vol:24		
Operation Mode	: FM Reception	Output Port	: SPEAKER
Mode	: Mono	Channel	: Right



***** Results of Measurement *****

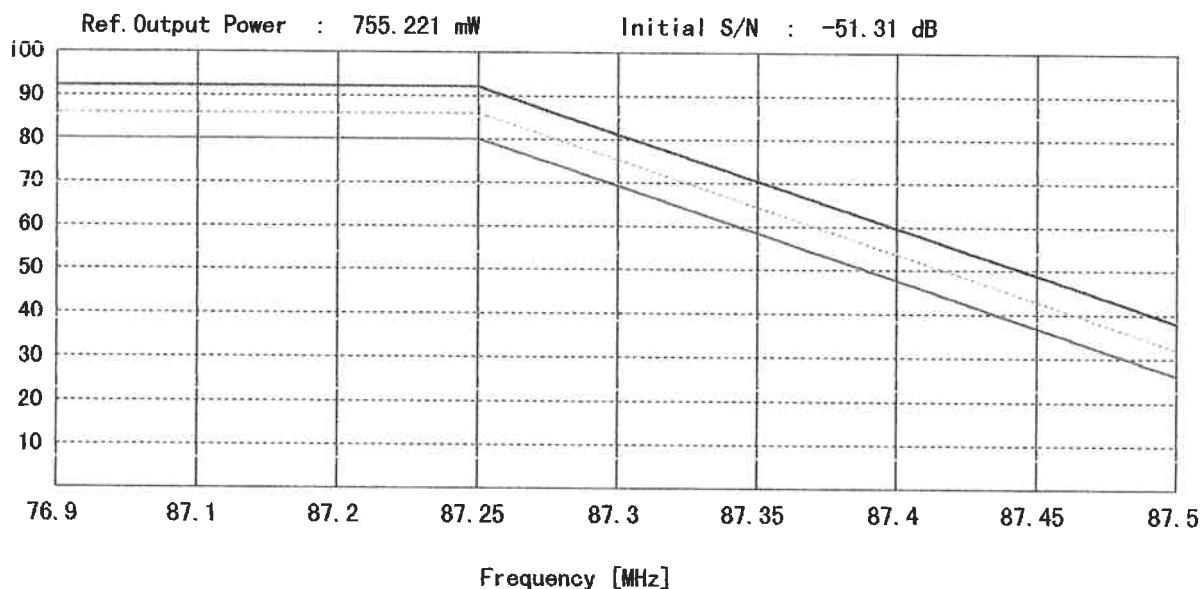
Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]
76.900	92.0	80.0	12.0
87.100	92.0	80.0	12.0
87.200	92.0	80.0	12.0
87.250	92.0	80.0	12.0
87.300	84.4	72.4	12.0
87.350	76.8	64.8	12.0
87.400	69.2	57.2	12.0
87.450	61.6	49.6	12.0
87.500	54.0	42.0	12.0

S1 Input Immunity

KENWOOD CORPORATION

Date : 09/03/09 13:56

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operator	: J. EBIHARA
Memo	: REAR R vol:24		
Operation Mode	: FM Reception	Output Port	: SPEAKER
Mode	: Stereo	Channel	: Right



***** Results of Measurement *****

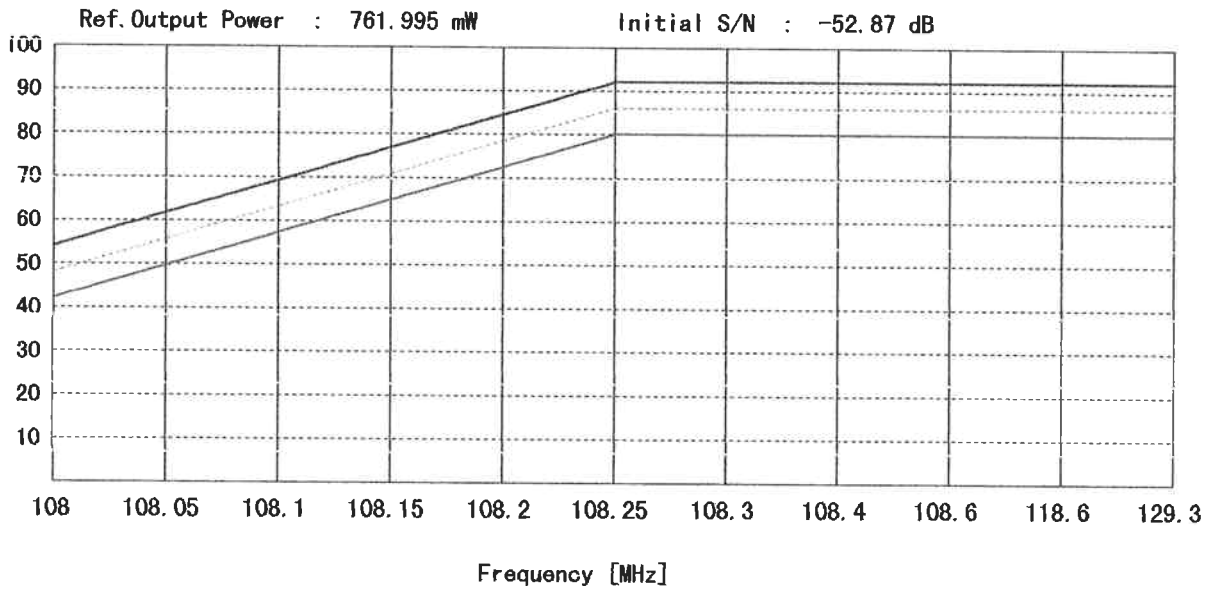
Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]
76.900	92.0	80.0	12.0
87.100	92.0	80.0	12.0
87.200	92.0	80.0	12.0
87.250	92.0	80.0	12.0
87.300	81.2	69.2	12.0
87.350	70.4	58.4	12.0
87.400	59.6	47.6	12.0
87.450	48.8	36.8	12.0
87.500	38.0	26.0	12.0

S1 input immunity

KENWOOD CORPORATION

Date : 09/03/09 13:57

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operater	: J. EBHARA
Memo	: REAR R vol:24		
Operation Mode	: FM Reception	Output Port	: SPEAKER
Mode	: Mono	Channel	: Right



***** Results of Measurement *****

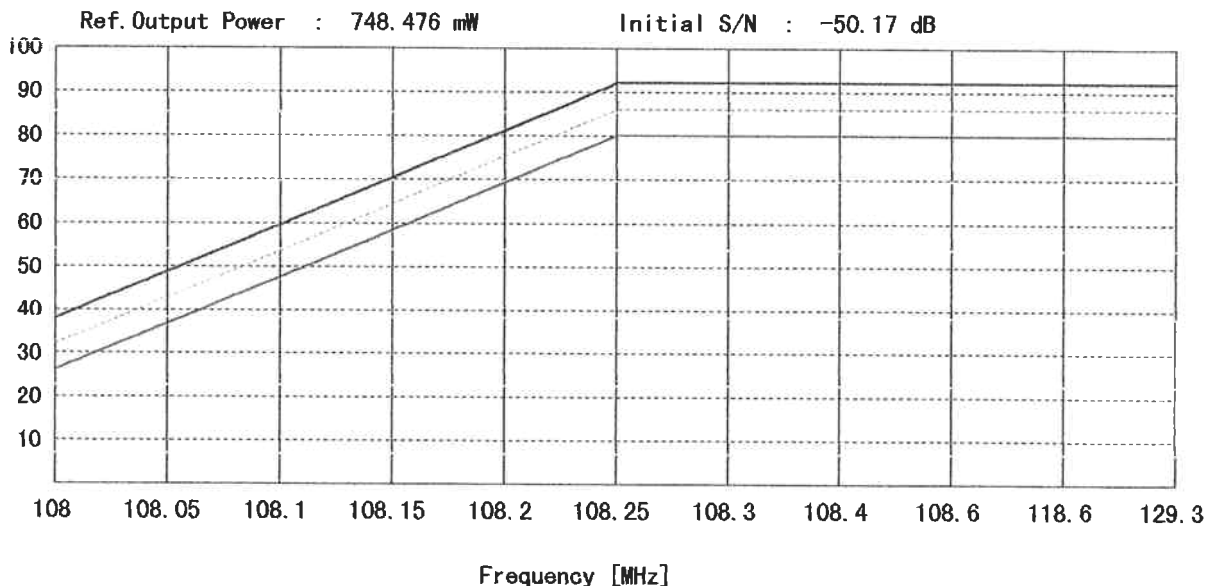
Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]
108.000	54.0	42.0	12.0
108.050	61.6	49.6	12.0
108.100	69.2	57.2	12.0
108.150	76.8	64.8	12.0
108.200	84.4	72.4	12.0
108.250	92.0	80.0	12.0
108.300	92.0	80.0	12.0
108.400	92.0	80.0	12.0
108.600	92.0	80.0	12.0
118.600	92.0	80.0	12.0
129.300	92.0	80.0	12.0

S1 Input Immunity

KENWOOD CORPORATION

Date : 09/03/09 13:57

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operater	: J. EBIHARA
Memo	: REAR R vol:24		
Operation Mode	: FM Reception	Output Port	: SPEAKER
Mode	: Stereo	Channel	: Right



***** Results of Measurement *****

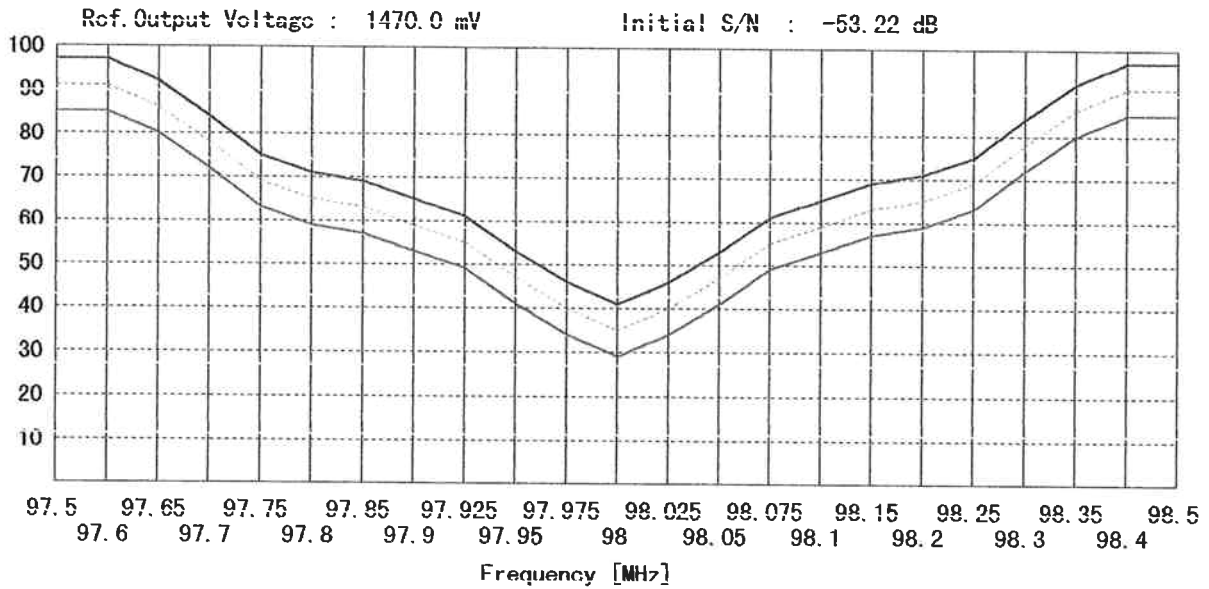
Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]
108.000	38.0	26.0	12.0
108.050	48.8	36.8	12.0
108.100	59.6	47.6	12.0
108.150	70.4	58.4	12.0
108.200	81.2	69.2	12.0
108.250	92.0	80.0	12.0
108.300	92.0	80.0	12.0
108.400	92.0	80.0	12.0
108.600	92.0	80.0	12.0
118.600	92.0	80.0	12.0
129.300	92.0	80.0	12.0

S1 Input Immunity

KENWOOD CORPORATION

Date : 09/03/09 14:19

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operator	: J. EBIHARA
Memo	: vol:35(max)		
Operation Mode	: FM Reception	Output Port	: PRE-OUT
Mode	: Mono	Channel	: Left



***** Results of Measurement *****

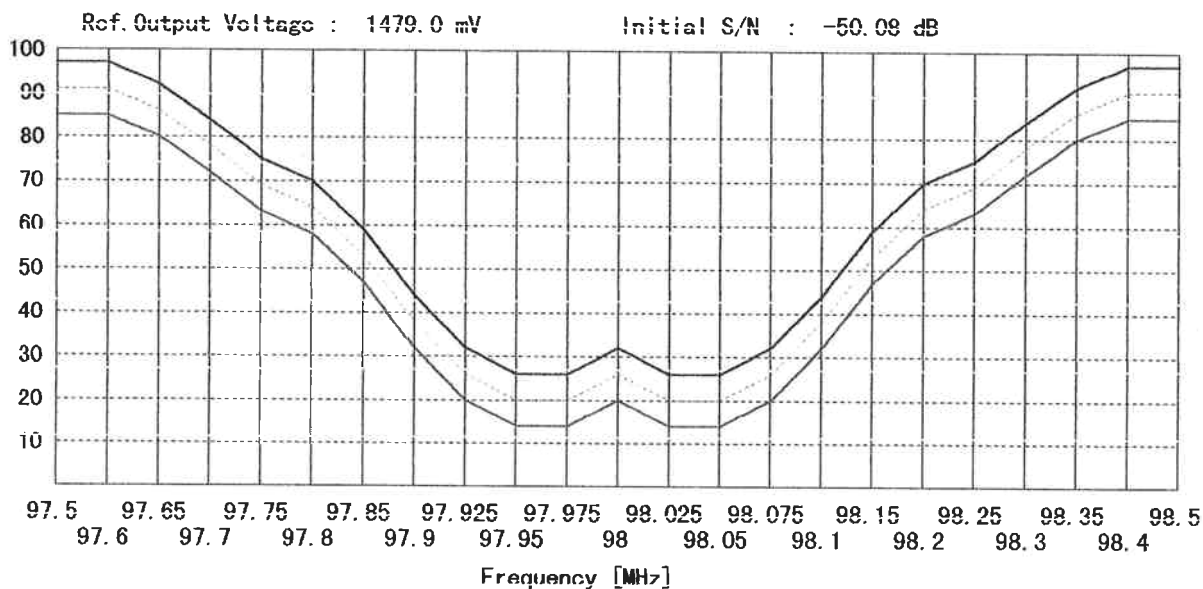
Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]
97.500	97.0	85.0	12.0
97.600	91.0	80.0	12.0
97.650	92.0	80.0	12.0
97.700	84.0	72.0	12.0
97.750	75.0	63.0	12.0
97.800	71.0	59.0	12.0
97.850	69.0	57.0	12.0
97.900	65.0	53.0	12.0
97.925	61.0	49.0	12.0
97.950	53.0	41.0	12.0
97.975	46.0	34.0	12.0
98.000	41.0	29.0	12.0
98.025	46.0	34.0	12.0
98.050	53.0	41.0	12.0
98.075	61.0	49.0	12.0
98.100	65.0	53.0	12.0
98.150	69.0	57.0	12.0
98.200	71.0	59.0	12.0
98.250	75.0	63.0	12.0
98.300	84.0	72.0	12.0
98.350	92.0	80.0	12.0
98.400	97.0	85.0	12.0
98.500	97.0	85.0	12.0

S1 Input Immunity

KENWOOD CORPORATION

Date : 09/03/09 14:18

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operater	: J. EBIHARA
Memo	: vol:35(max)		
Operation Mode	: FM Reception	Output Port	: PRE-OUT
Mode	: Stereo	Channel	: Left



***** Results of Measurement *****

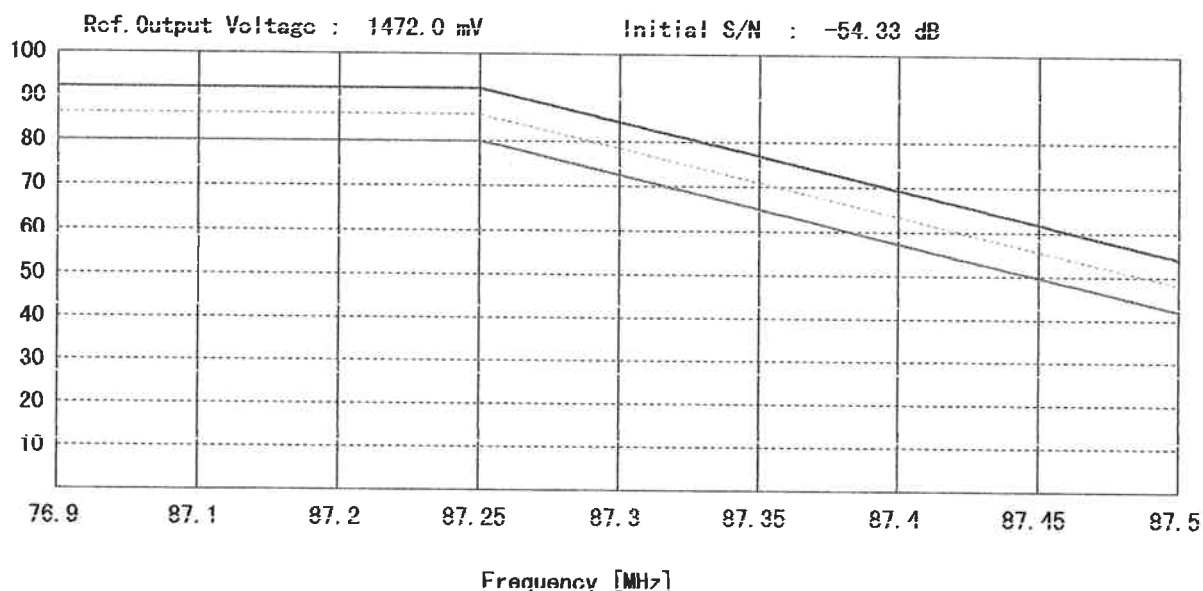
Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]
97.500	97.0	85.0	12.0
97.600	91.0	85.0	12.0
97.650	92.0	80.0	12.0
97.700	84.0	72.0	12.0
97.750	75.0	63.0	12.0
97.800	70.0	58.0	12.0
97.850	59.0	47.0	12.0
97.900	44.0	32.0	12.0
97.925	32.0	20.0	12.0
97.950	26.0	14.0	12.0
97.975	26.0	14.0	12.0
98.000	32.0	20.0	12.0
98.025	26.0	14.0	12.0
98.050	26.0	14.0	12.0
98.075	32.0	20.0	12.0
98.100	44.0	32.0	12.0
98.150	59.0	47.0	12.0
98.200	70.0	58.0	12.0
98.250	75.0	63.0	12.0
98.300	84.0	72.0	12.0
98.350	92.0	80.0	12.0
98.400	97.0	85.0	12.0
98.500	97.0	85.0	12.0

S1 Input Immunity

KENWOOD CORPORATION

Date : 09/03/09 14:17

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operater	: J. EBIHARA
Memo	: vol:35(max)		
Operation Mode	: FM Reception	Output Port	: PRE-OUT
Mode	: Mono	Channel	: Left



***** Results of Measurement *****

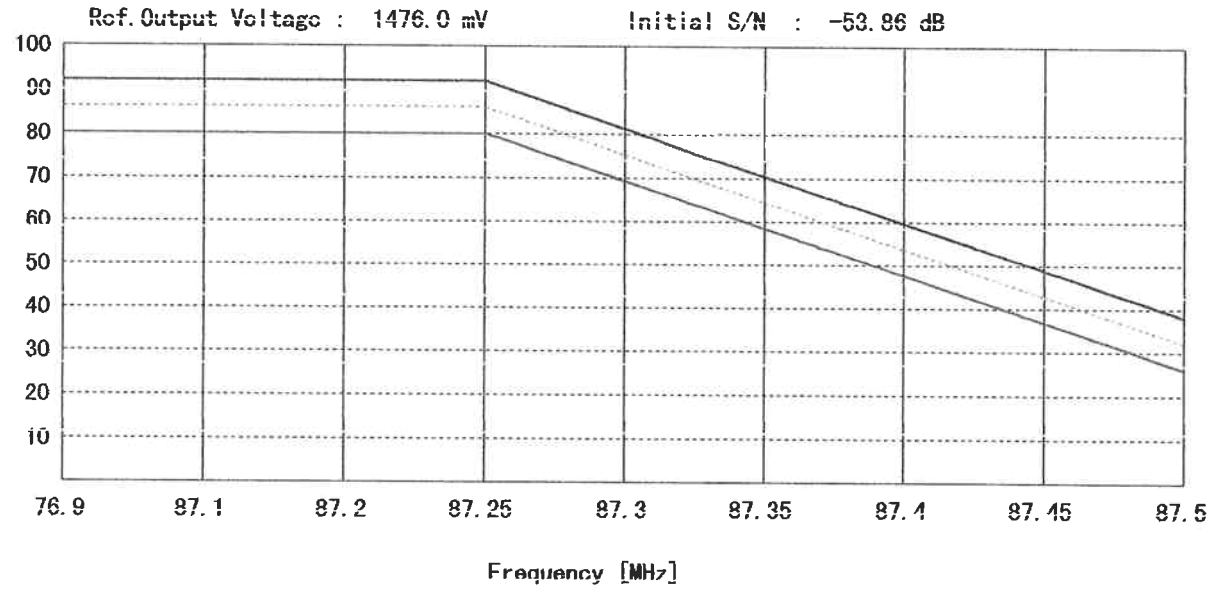
Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]
76.900	92.0	80.0	12.0
87.100	92.0	80.0	12.0
87.200	92.0	80.0	12.0
87.250	92.0	80.0	12.0
87.300	84.4	72.4	12.0
87.350	76.8	64.8	12.0
87.400	69.2	57.2	12.0
87.450	61.6	49.6	12.0
87.500	54.0	42.0	12.0

S1 Input Immunity

KENWOOD CORPORATION

Date : 09/03/09 14:16

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operater	: J. EBIHARA
Memo	: vol:35(max)		
Operation Mode:	FM Reception	Output Port	: PRE-OUT
Mode	: Stereo	Channel	: Left



***** Results of Measurement *****

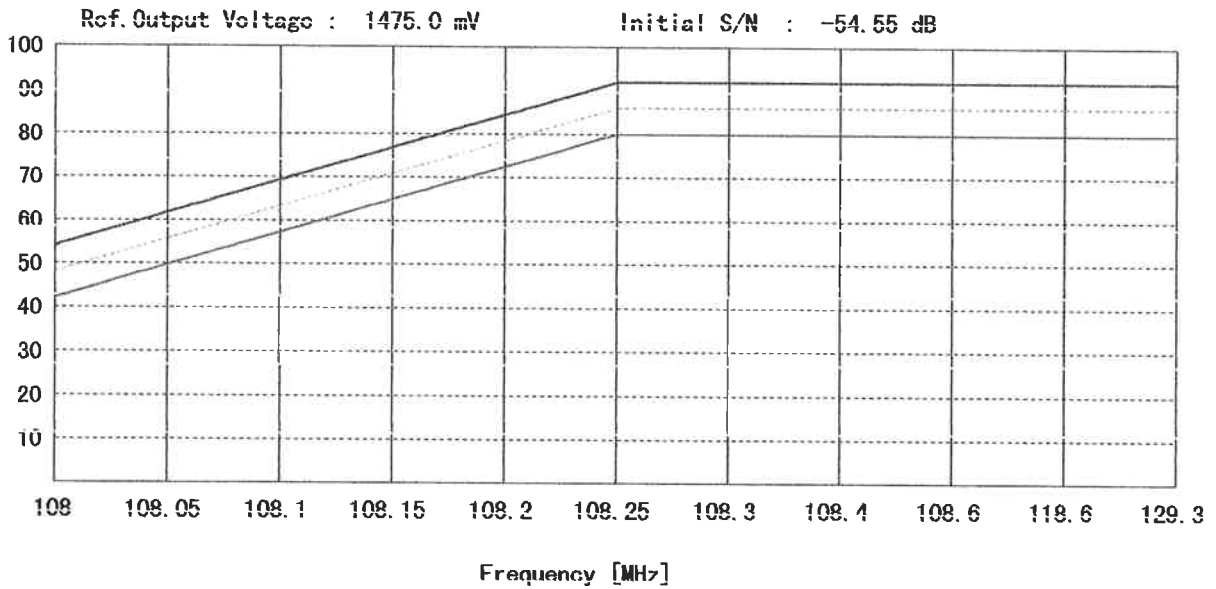
Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]
76.900	92.0	80.0	12.0
87.100	92.0	80.0	12.0
87.200	92.0	80.0	12.0
87.250	92.0	80.0	12.0
87.300	81.2	69.2	12.0
87.350	70.4	58.4	12.0
87.400	59.6	47.6	12.0
87.450	48.8	36.8	12.0
87.500	38.0	26.0	12.0

S1 input Immunity

KENWOOD CORPORATION

Date : 09/03/09 14:15

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operater	: J.EBIHARA
Memo	: vol:35(max)		
Operation Mode	: FM Reception	Output Port	: PRE-OUT
Mode	: Mono	Channel	: Left



***** Results of Measurement *****

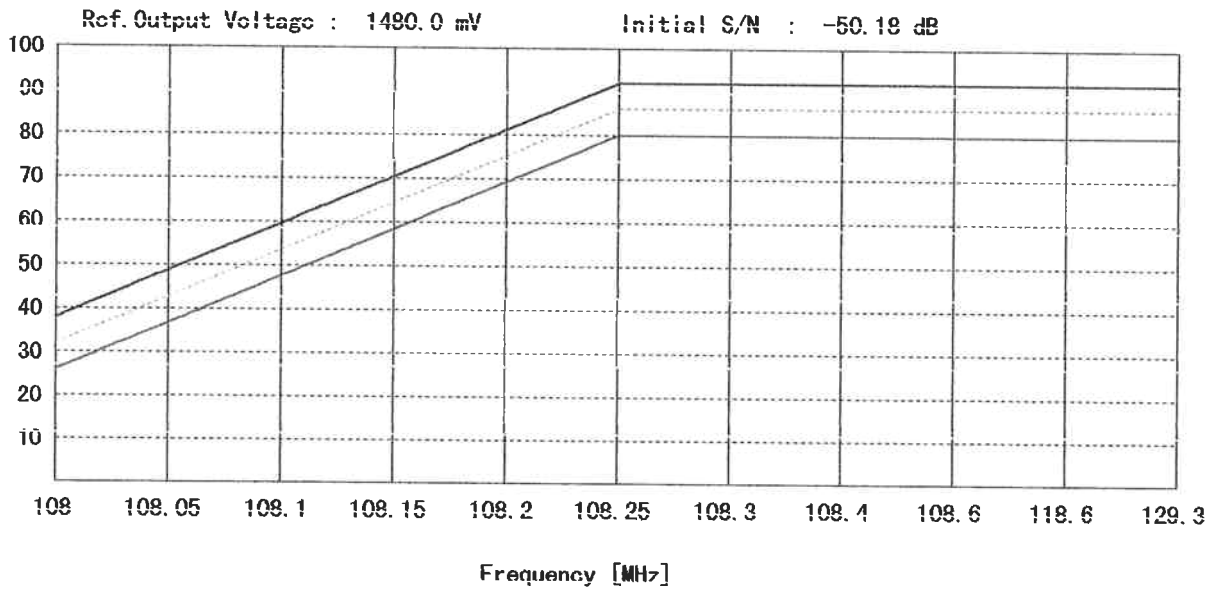
Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]
108.000	54.0	42.0	12.0
108.050	61.6	49.6	12.0
108.100	69.2	57.2	12.0
108.150	76.8	64.8	12.0
108.200	84.4	72.4	12.0
108.250	92.0	80.0	12.0
108.300	92.0	80.0	12.0
108.400	92.0	80.0	12.0
108.600	92.0	80.0	12.0
118.600	92.0	80.0	12.0
129.300	92.0	80.0	12.0

S1 Input Immunity

KENWOOD CORPORATION

Date : 09/03/09 14:14

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operater	: J. EBIHARA
Memo	: vol:35(max)		
Operation Mode	: FM Reception	Output Port	: PRE-OUT
Mode	: Stereo	Channel	: Left



***** Results of Measurement *****

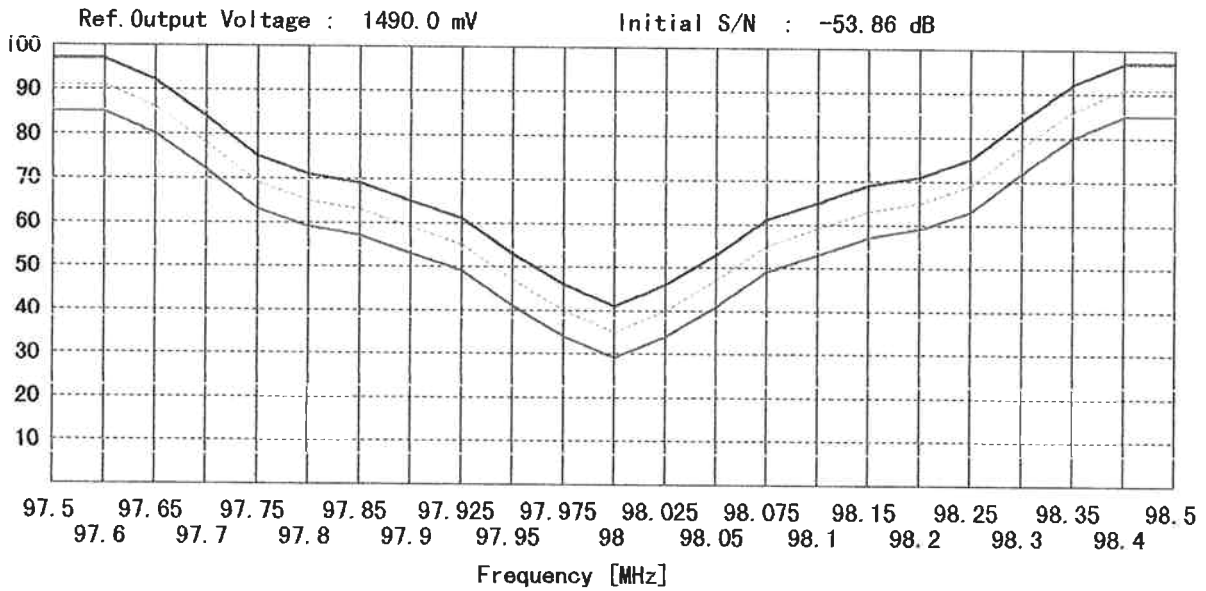
Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]
108.000	38.0	26.0	12.0
108.050	48.8	36.8	12.0
108.100	59.6	47.6	12.0
108.150	70.4	58.4	12.0
108.200	81.2	69.2	12.0
108.250	92.0	80.0	12.0
108.300	92.0	80.0	12.0
108.400	92.0	80.0	12.0
108.600	92.0	80.0	12.0
118.600	92.0	80.0	12.0
129.300	92.0	80.0	12.0

S1 Input Immunity

KENWOOD CORPORATION

Date : 09/03/09 14:13

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operater	: J. EBIHARA
Memo	: vol:35(max)		
Operation Mode	: FM Reception	Output Port	: PRE-OUT
Mode	: Mono	Channel	: Right



***** Results of Measurement *****

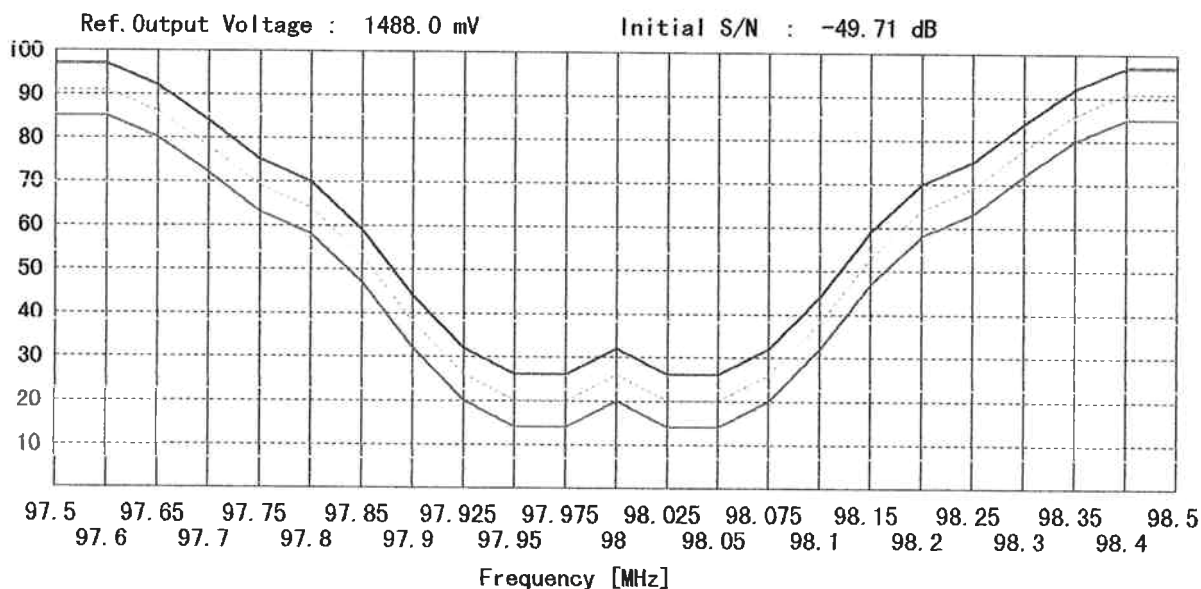
Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]
97.500	97.0	85.0	12.0
97.600	91.0	85.0	12.0
97.650	92.0	80.0	12.0
97.700	84.0	72.0	12.0
97.750	75.0	63.0	12.0
97.800	71.0	59.0	12.0
97.850	69.0	57.0	12.0
97.900	65.0	53.0	12.0
97.925	61.0	49.0	12.0
97.950	53.0	41.0	12.0
97.975	46.0	34.0	12.0
98.000	41.0	29.0	12.0
98.025	46.0	34.0	12.0
98.050	53.0	41.0	12.0
98.075	61.0	49.0	12.0
98.100	65.0	53.0	12.0
98.150	69.0	57.0	12.0
98.200	71.0	59.0	12.0
98.250	75.0	63.0	12.0
98.300	84.0	72.0	12.0
98.350	92.0	80.0	12.0
98.400	97.0	85.0	12.0
98.500	97.0	85.0	12.0

S1 Input Immunity

KENWOOD CORPORATION

Date : 09/03/09 14:12

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operater	: J. EBIHARA
Memo	: vol:35 (max)		
Operation Mode	: FM Reception	Output Port	: PRE-OUT
Mode	: Stereo	Channel	: Right



***** Results of Measurement *****

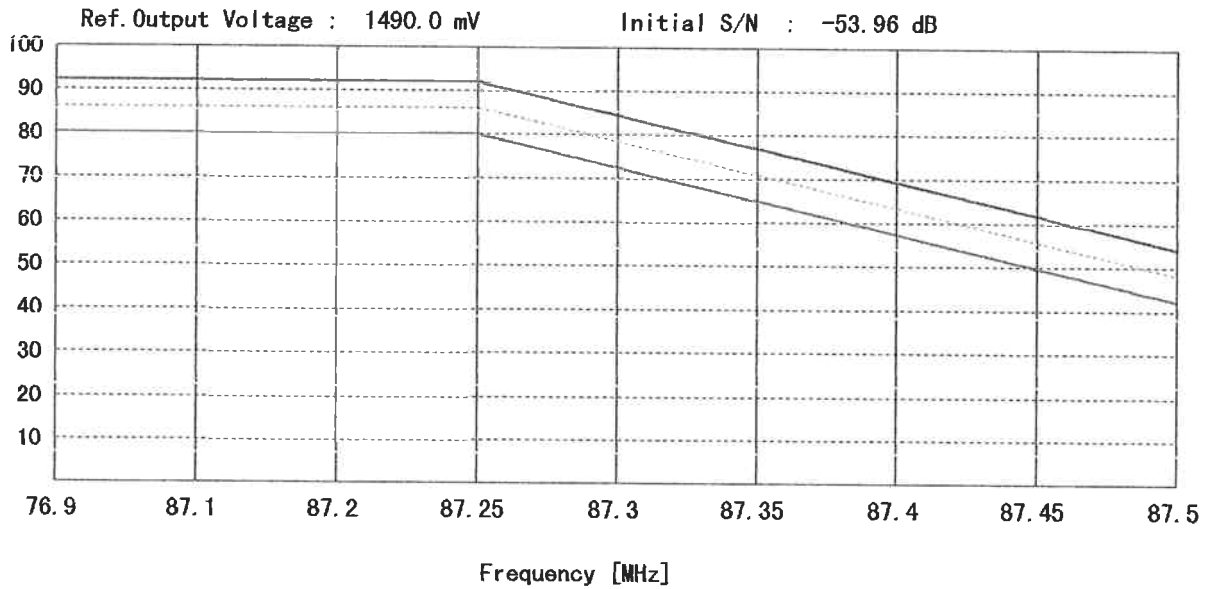
Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]
97.500	97.0	85.0	12.0
97.600	91.0	85.0	12.0
97.650	92.0	80.0	12.0
97.700	84.0	72.0	12.0
97.750	75.0	63.0	12.0
97.800	70.0	58.0	12.0
97.850	59.0	47.0	12.0
97.900	44.0	32.0	12.0
97.925	32.0	20.0	12.0
97.950	26.0	14.0	12.0
97.975	26.0	14.0	12.0
98.000	32.0	20.0	12.0
98.025	26.0	14.0	12.0
98.050	26.0	14.0	12.0
98.075	32.0	20.0	12.0
98.100	44.0	32.0	12.0
98.150	59.0	47.0	12.0
98.200	70.0	58.0	12.0
98.250	75.0	63.0	12.0
98.300	84.0	72.0	12.0
98.350	92.0	80.0	12.0
98.400	97.0	85.0	12.0
98.500	97.0	85.0	12.0

S1 Input Immunity

KENWOOD CORPORATION

Date : 09/03/09 14:11

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operater	: J. EBIHARA
Memo	: vol:35 (max)		
Operation Mode	: FM Reception	Output Port	: PRE-OUT
Mode	: Mono	Channel	: Right



***** Results of Measurement *****

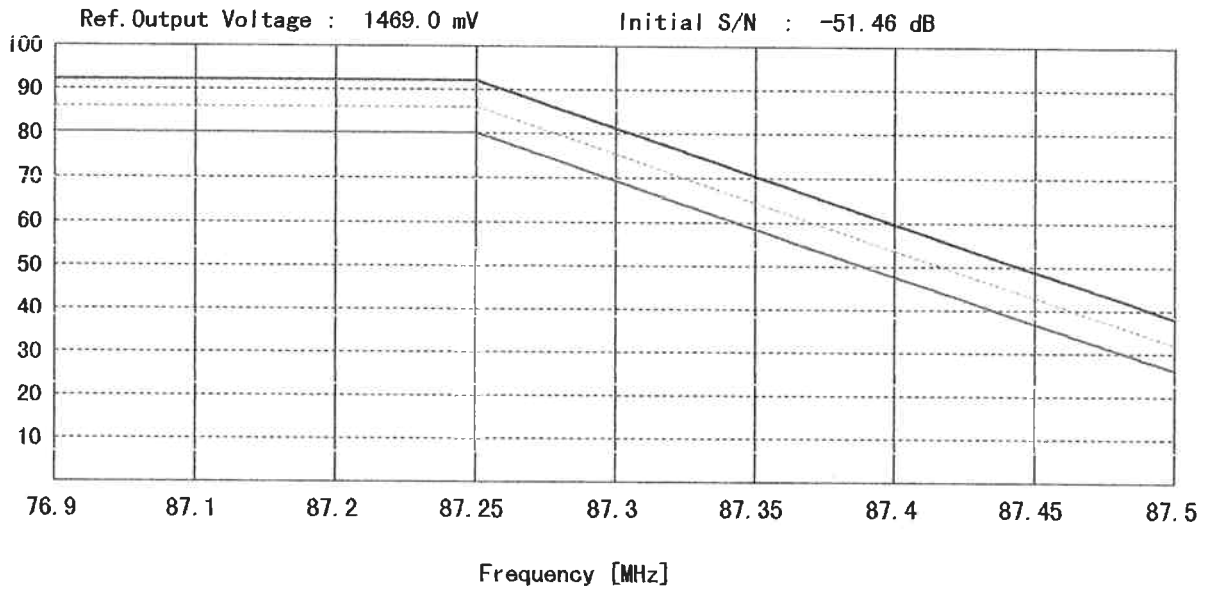
Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]
76.900	92.0	80.0	12.0
87.100	92.0	80.0	12.0
87.200	92.0	80.0	12.0
87.250	92.0	80.0	12.0
87.300	84.4	72.4	12.0
87.350	76.8	64.8	12.0
87.400	69.2	57.2	12.0
87.450	61.6	49.6	12.0
87.500	54.0	42.0	12.0

S1 input immunity

KENWOOD CORPORATION

Date : 09/03/09 14:10

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operator	: J. EBIHARA
Memo	: vol:35(max)		
Operation Mode	: FM Reception	Output Port	: PRE-OUT
Mode	: Stereo	Channel	: Right



***** Results of Measurement *****

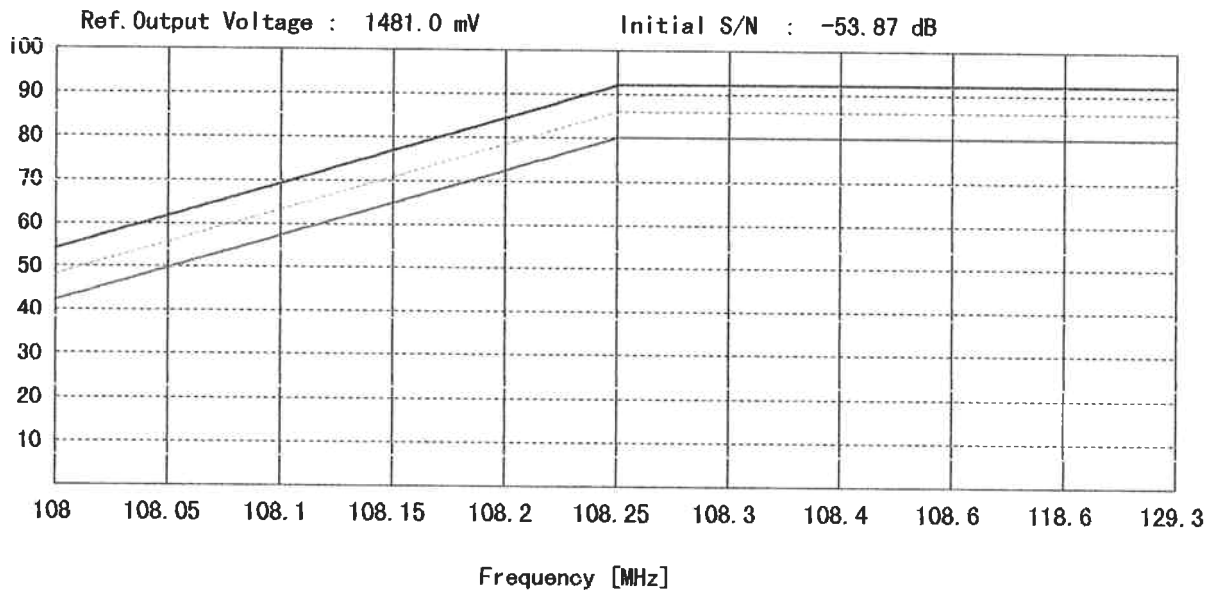
Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]
76.900	92.0	80.0	12.0
87.100	92.0	80.0	12.0
87.200	92.0	80.0	12.0
87.250	92.0	80.0	12.0
87.300	81.2	69.2	12.0
87.350	70.4	58.4	12.0
87.400	59.6	47.6	12.0
87.450	48.8	36.8	12.0
87.500	38.0	26.0	12.0

S1 Input Immunity

KENWOOD CORPORATION

Date : 09/03/09 14:09

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operater	: J. EBIHARA
Memo	: vol:35 (max)		
Operation Mode:	FM Reception	Output Port	: PRE-OUT
Mode	: Mono	Channel	: Right



***** Results of Measurement *****

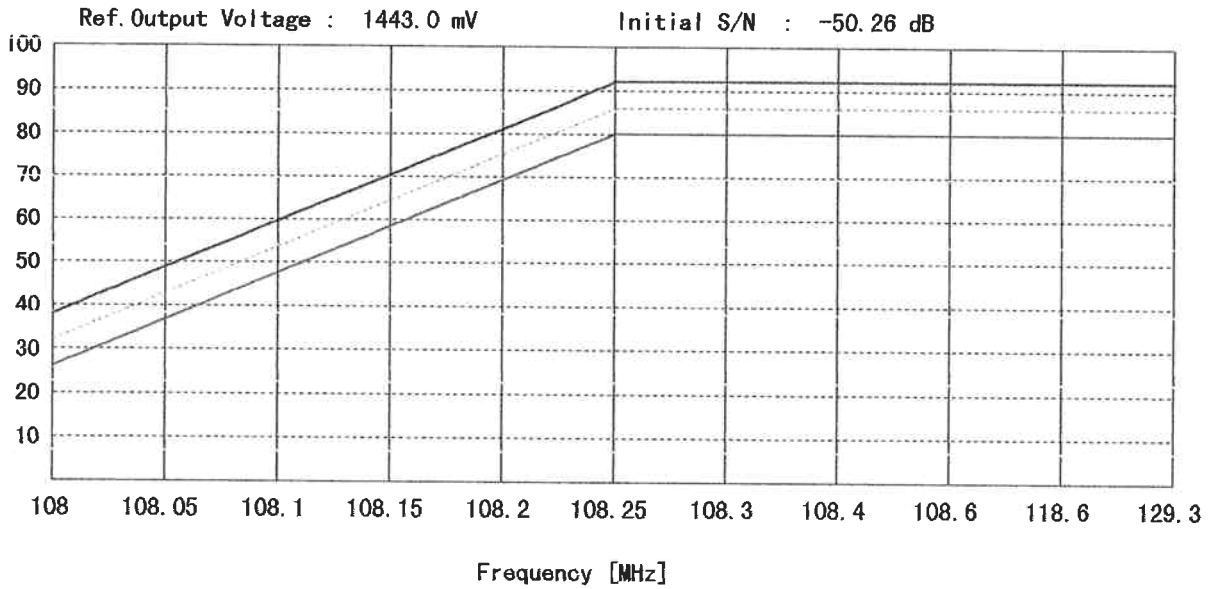
Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]
108.000	54.0	42.0	12.0
108.050	61.6	49.6	12.0
108.100	69.2	57.2	12.0
108.150	76.8	64.8	12.0
108.200	84.4	72.4	12.0
108.250	92.0	80.0	12.0
108.300	92.0	80.0	12.0
108.400	92.0	80.0	12.0
108.600	92.0	80.0	12.0
118.600	92.0	80.0	12.0
129.300	92.0	80.0	12.0

S1 Input Immunity

KENWOOD CORPORATION

Date : 09/03/09 14:09

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operater	: J. EBIHARA
Memo	: vol:35 (max)		
Operation Mode	: FM Reception	Output Port	: PRE-OUT
Mode	: Stereo	Channel	: Right



***** Results of Measurement *****

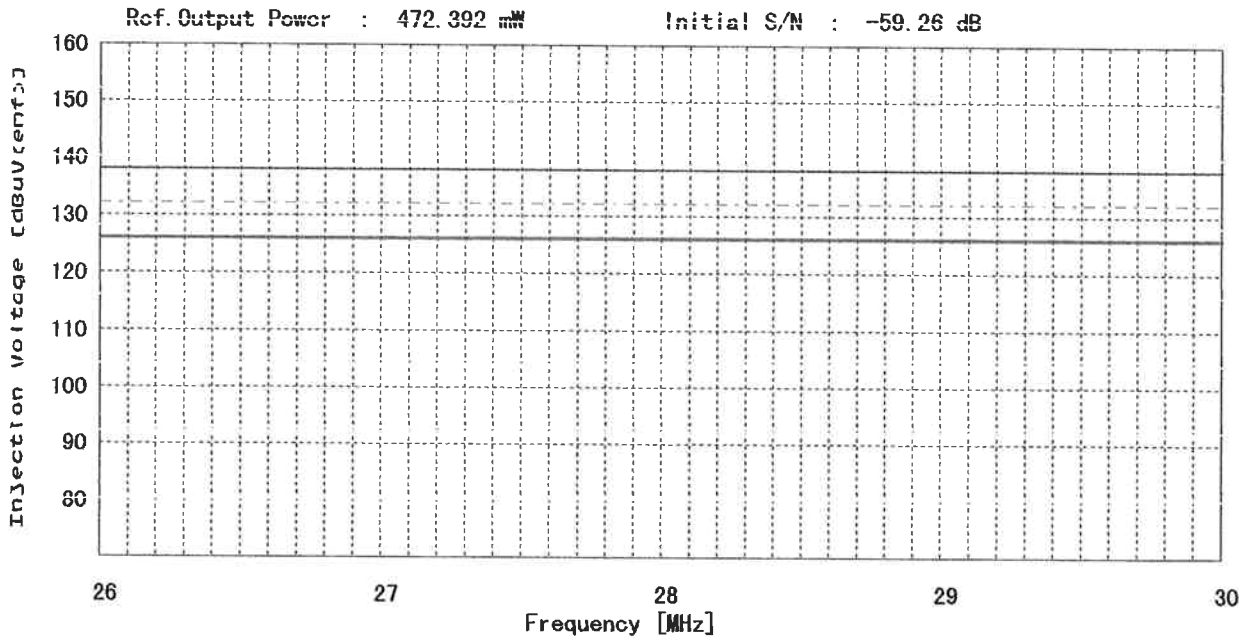
Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]
108.000	38.0	26.0	12.0
108.050	48.8	36.8	12.0
108.100	59.6	47.6	12.0
108.150	70.4	58.4	12.0
108.200	81.2	69.2	12.0
108.250	92.0	80.0	12.0
108.300	92.0	80.0	12.0
108.400	92.0	80.0	12.0
108.600	92.0	80.0	12.0
118.600	92.0	80.0	12.0
129.300	92.0	80.0	12.0

S2b Immunity to RF Currents

KENWOOD CORPORATION

Date : 09/03/09 14:57

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operator	: J. EBIHARA
Memo	: FRONT L vol:25		
Operation Mode	: FM Reception	Output Port	: SPEAKER
		Channel	: Left



***** Results of Measurement *****

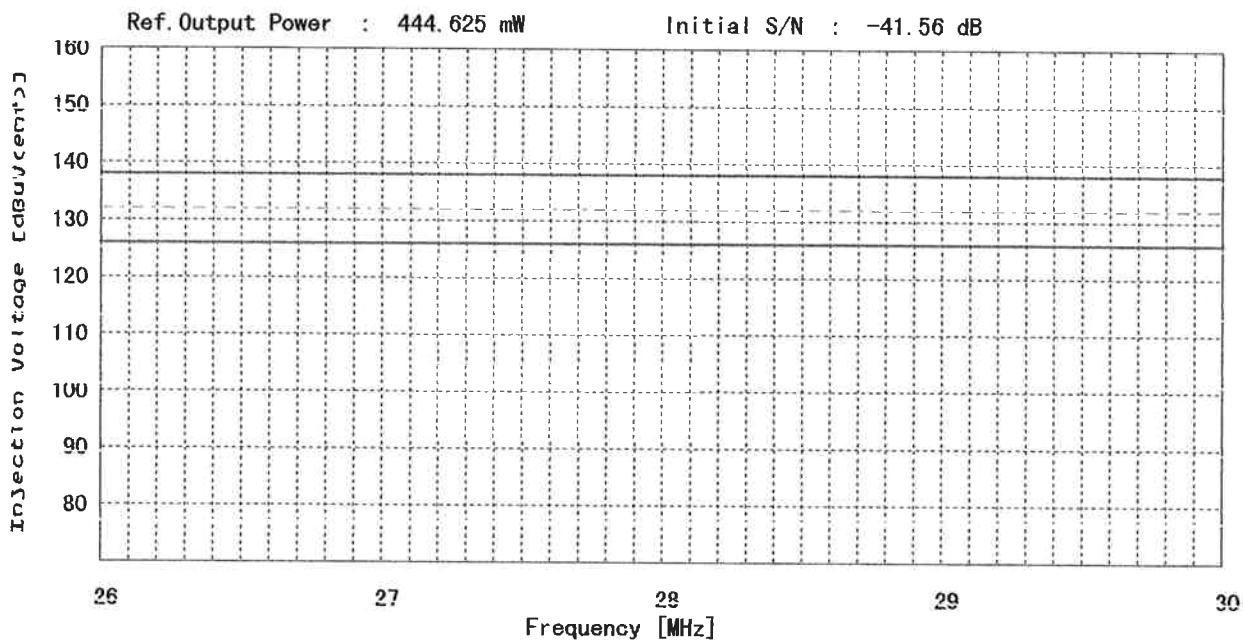
No.	Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]	Remarks
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S2b Immunity to RF Currents

KENWOOD CORPORATION

Date : 09/03/09 14:56

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operater	: J. EBHARA
Memo	: FRONT L vol:25		
Operation Mode:	AM Reception(LW)	Output Port	: SPEAKER
		Channel	: Left



***** Results of Measurement *****

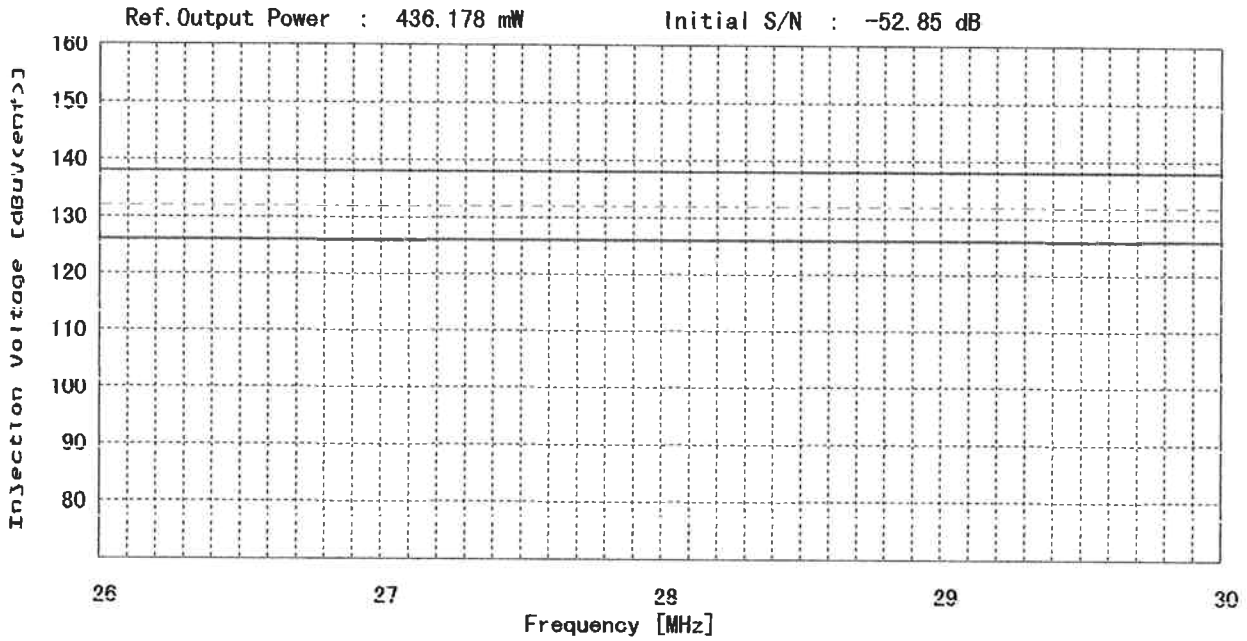
No.	Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]	Remarks
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S2b Immunity to RF Currents

KENWOOD CORPORATION

Date : 09/03/09 14:55

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operator	: J. EBIHARA
Memo	: FRONT L vol:25		
Operation Mode:	AM Reception (MW)	Output Port	: SPEAKER
		Channel	: Left



***** Results of Measurement *****

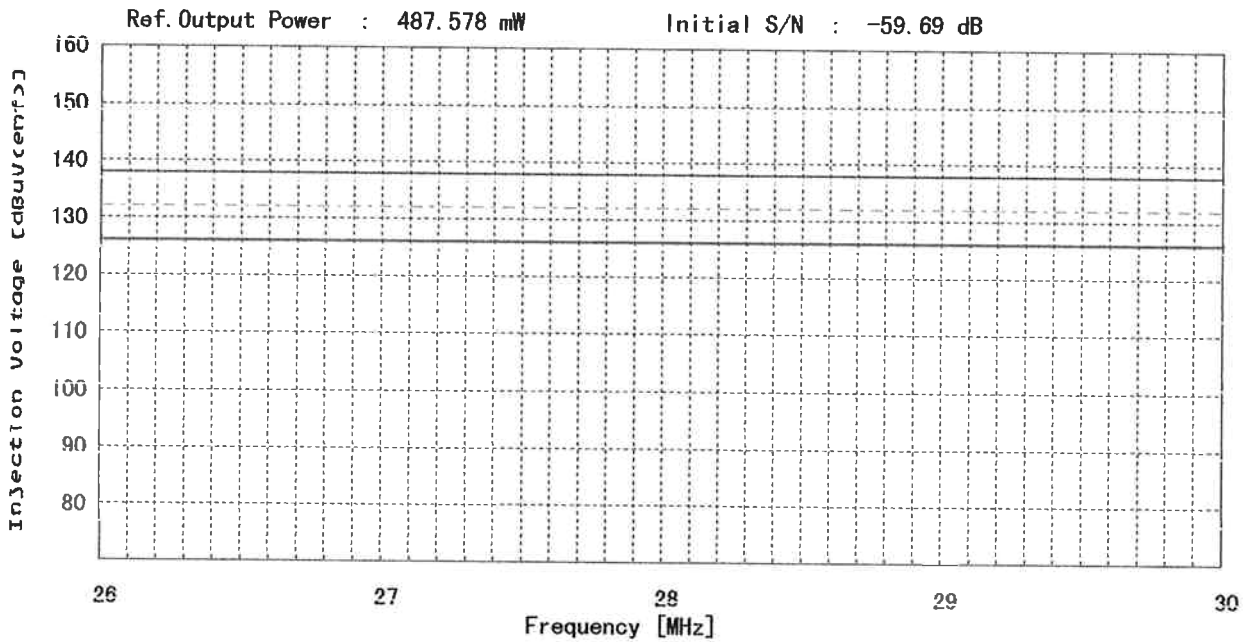
No.	Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]	Remarks
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S2b Immunity to RF Currents

KENWOOD CORPORATION

Date : 09/03/09 14:52

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operater	: J. EBIHARA
Memo	: FRONT R vol:25		
Operation Mode:	FM Reception	Output Port	: SPEAKER
		Channel	: Right



***** Results of Measurement *****

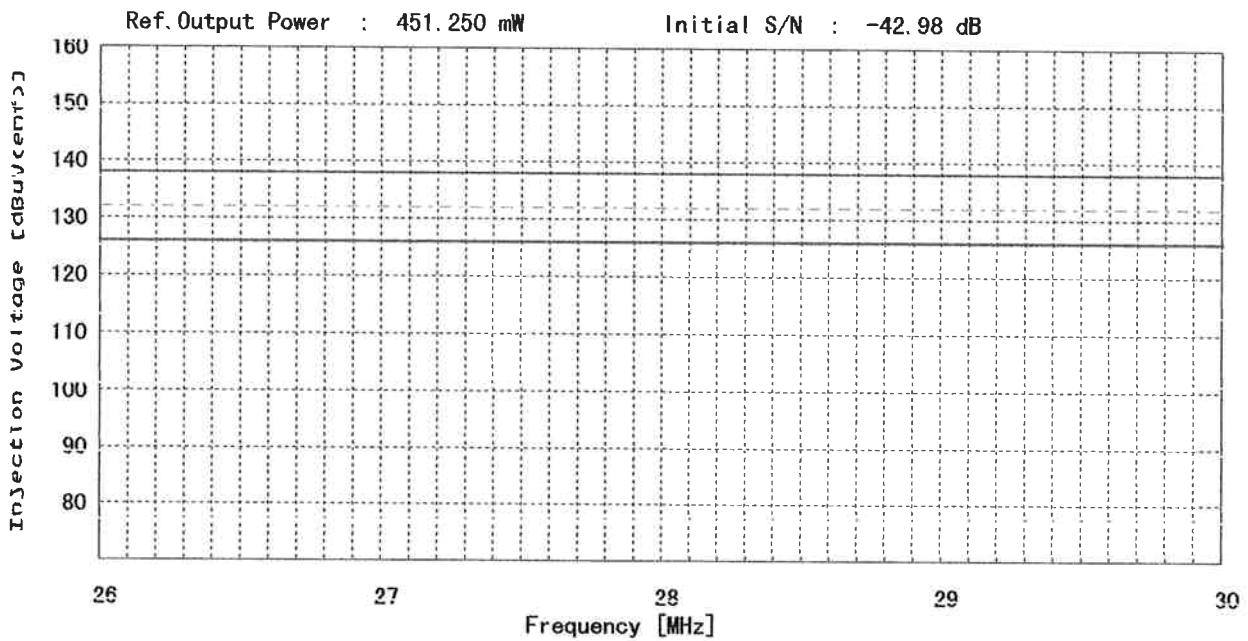
No.	Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]	Remarks
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S2b Immunity to RF Currents

KENWOOD CORPORATION

Date : 09/03/09 14:50

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operator	: J. EBIHARA
Memo	: FRONT R vol:25		
Operation Mode:	AM Reception(LW)	Output Port	: SPEAKER
		Channel	: Right



***** Results of Measurement *****

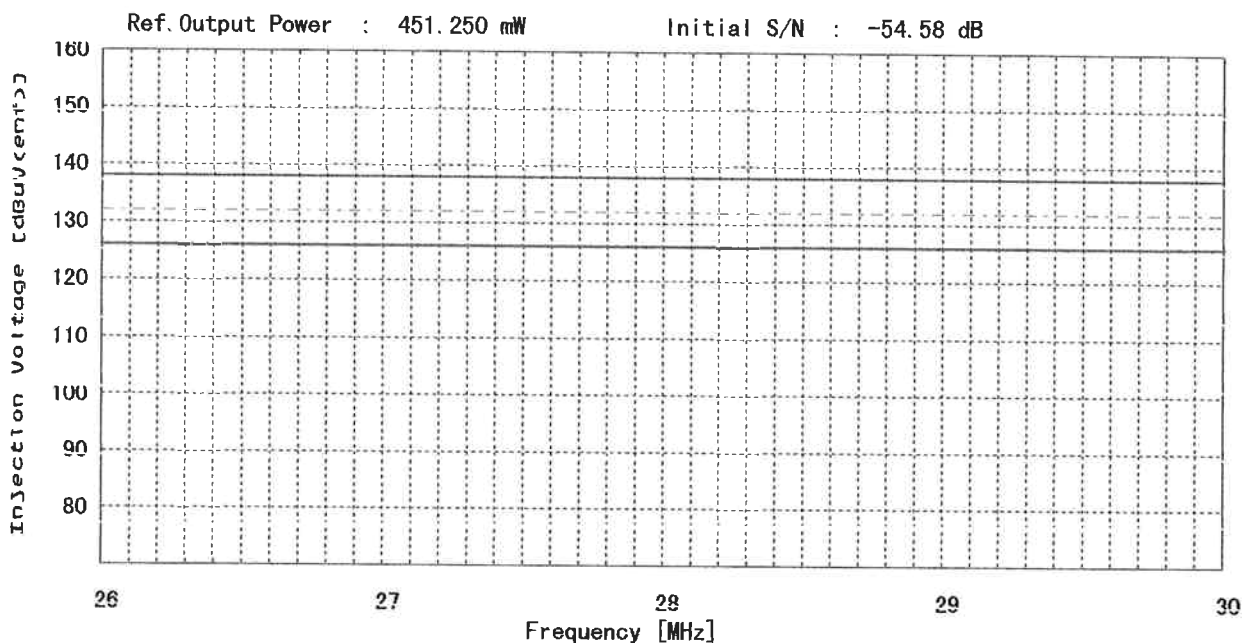
No.	Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]	Remarks
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S2b Immunity to RF Currents

KENWOOD CORPORATION

Date : 09/03/09 14:49

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operator	: J. EBIHARA
Memo	: FRONT R vol:25		
Operation Mode	: AM Reception (MW)	Output Port	: SPEAKER
		Channel	: Right



***** Results of Measurement *****

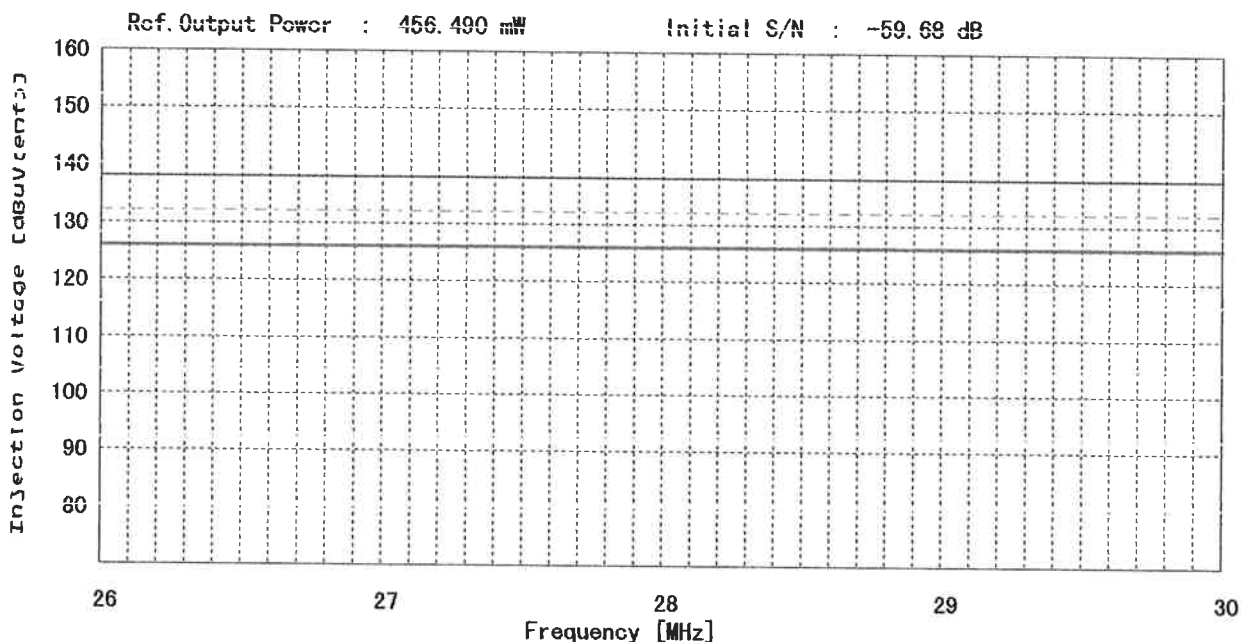
No.	Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]	Remarks
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S2b Immunity to RF Currents

KENWOOD CORPORATION

Date : 09/03/09 14:47

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operator	: J.EBIHARA
Memo	: REAR L		
Operation Mode	: FM Reception	Output Port	: SPEAKER
		Channel	: Left



***** Results of Measurement *****

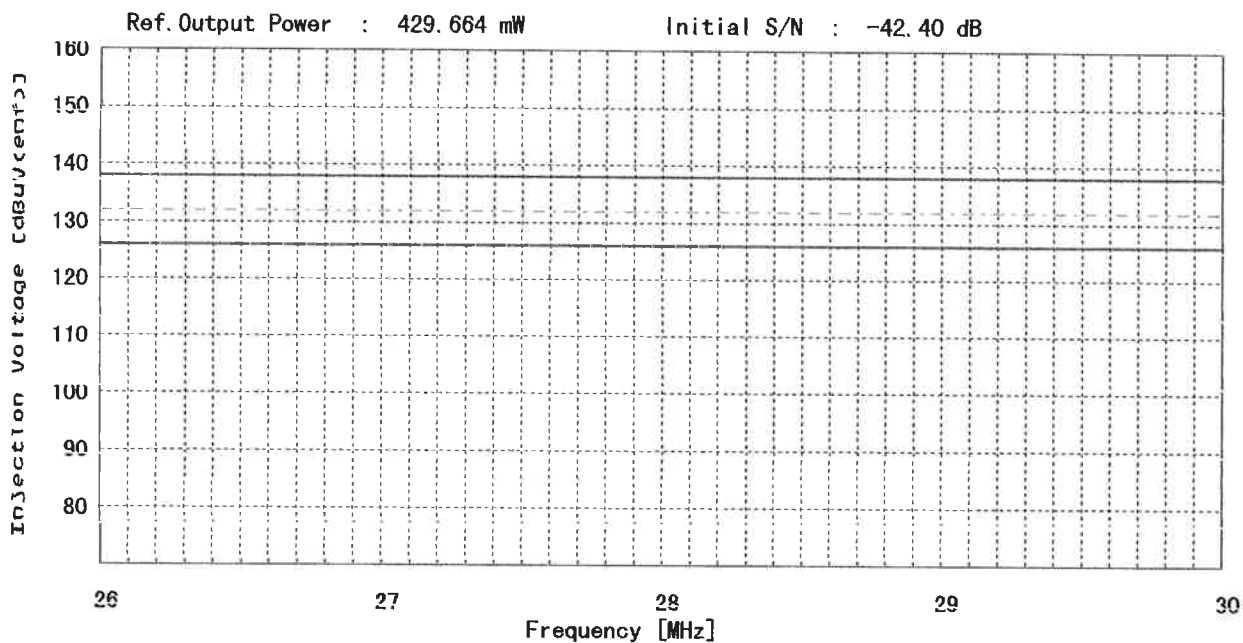
No.	Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]	Remarks
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S2b Immunity to RF Currents

KENWOOD CORPORATION

Date : 09/03/09 14:45

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operator	: J. EBHARA
Memo	: REAR L		
Operation Mode:	AM Reception(LW)	Output Port	: SPEAKER
		Channel	: Left



***** Results of Measurement *****

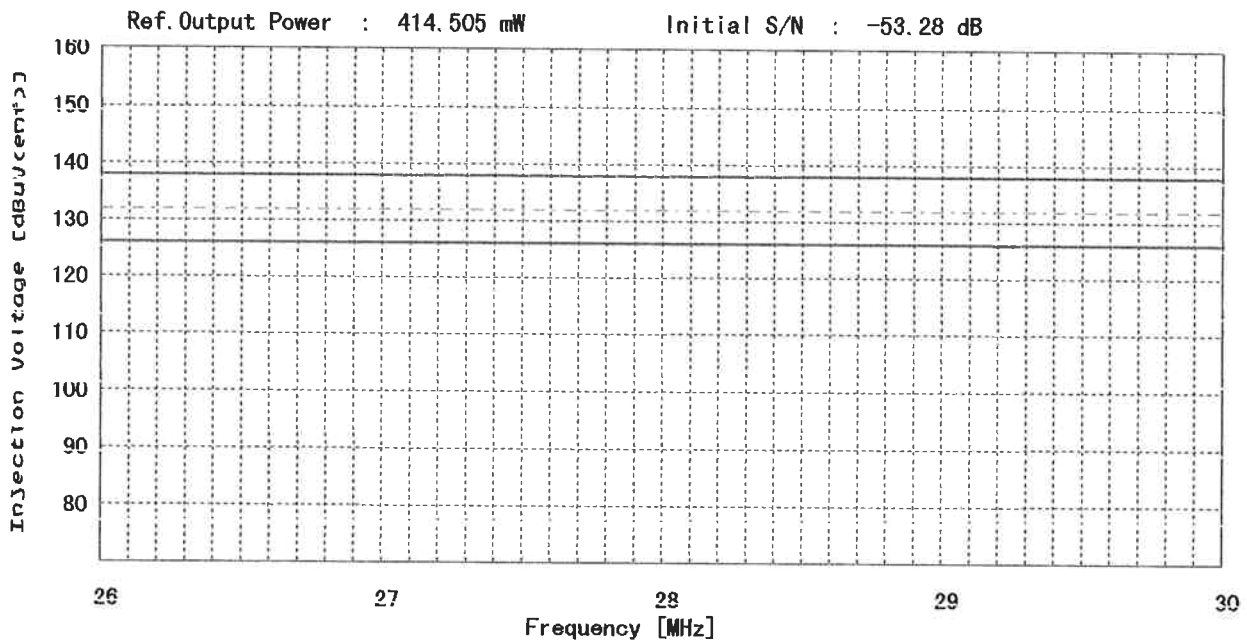
No.	Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]	Remarks
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S2b Immunity to RF Currents

KENWOOD CORPORATION

Date : 09/03/09 14:44

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operater	: J. EBIHARA
Memo	: REAR L		
Operation Mode:	AM Reception (MW)	Output Port	: SPEAKER
		Channel	: Left



***** Results of Measurement *****

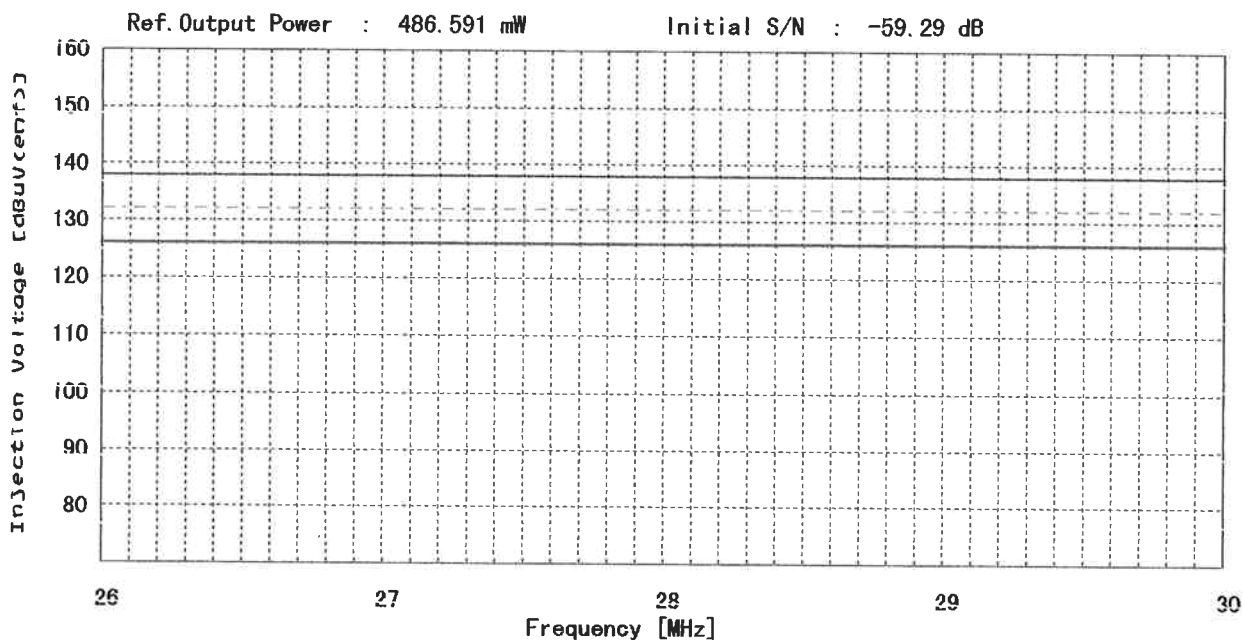
No.	Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]	Remarks
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S2b Immunity to RF Currents

KENWOOD CORPORATION

Date : 09/03/09 14:42

Trade Mark : KENWOOD	Specification :
Model Name : KDC-4547UW	Devorop. Stage : PP
Equipment :	Power Supply : 14.4V
Serial No. : PPE00002	Operater : J. EBIHARA
Memo : REAR R vol:25	
Operation Mode: FM Reception	Output Port : SPEAKER
	Channel : Right



***** Results of Measurement *****

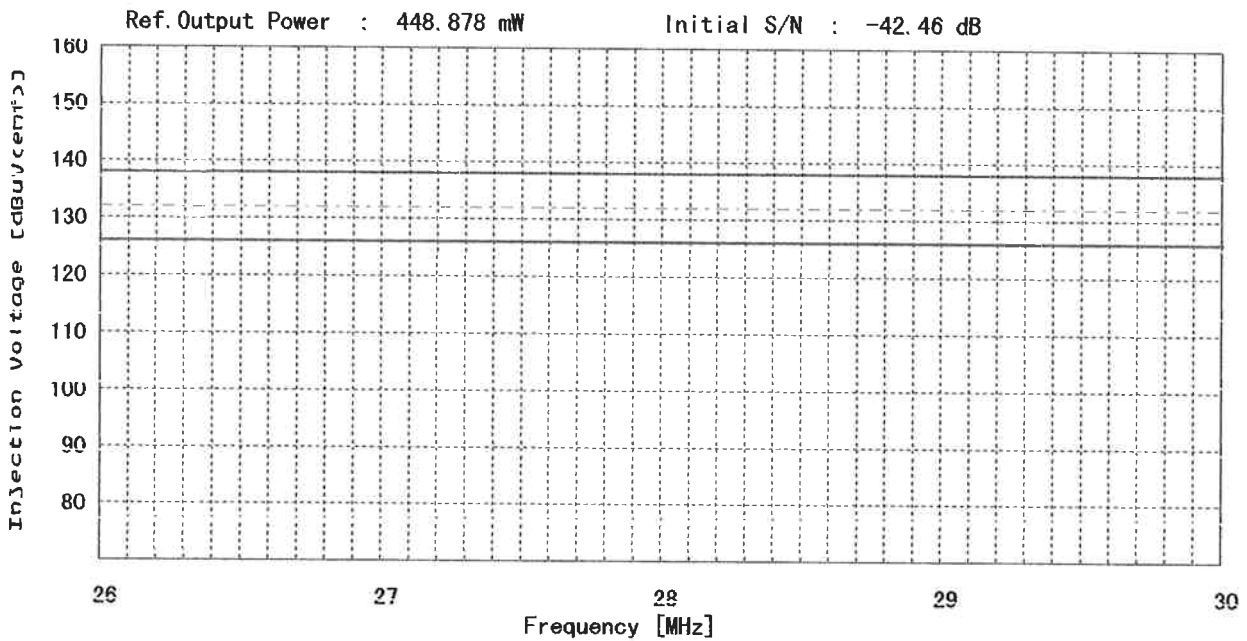
No.	Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]	Remarks
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S2b Immunity to RF Currents

KENWOOD CORPORATION

Date : 09/03/09 14:41

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operater	: J. EBIHARA
Memo	: REAR R vol:25		
Operation Mode:	AM Reception (LW)	Output Port	: SPEAKER
		Channel	: Right



***** Results of Measurement *****

No.	Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]	Remarks
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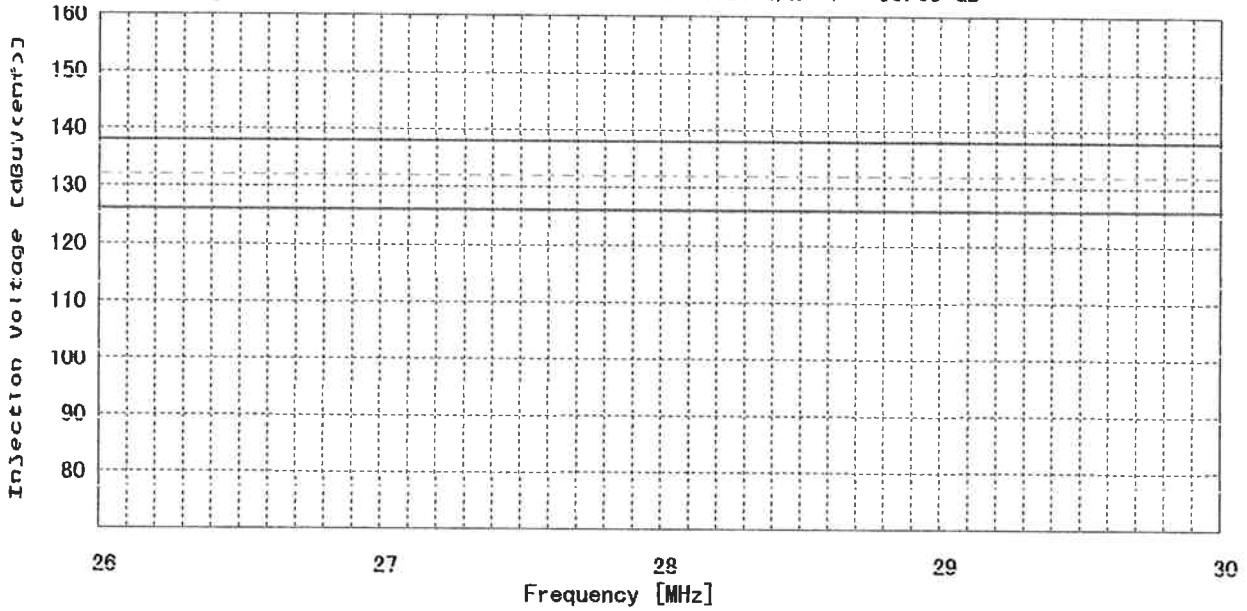
S2b Immunity to RF Currents

KENWOOD CORPORATION

Date : 09/03/09 14:40

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operator	: J. EBIHARA
Memo	: REAR R vol:25		
Operation Mode	: AM Reception (MM)	Output Port	: SPEAKER
		Channel	: Right

Ref. Output Power : 448.878 mW Initial S/N : -53.65 dB



***** Results of Measurement *****

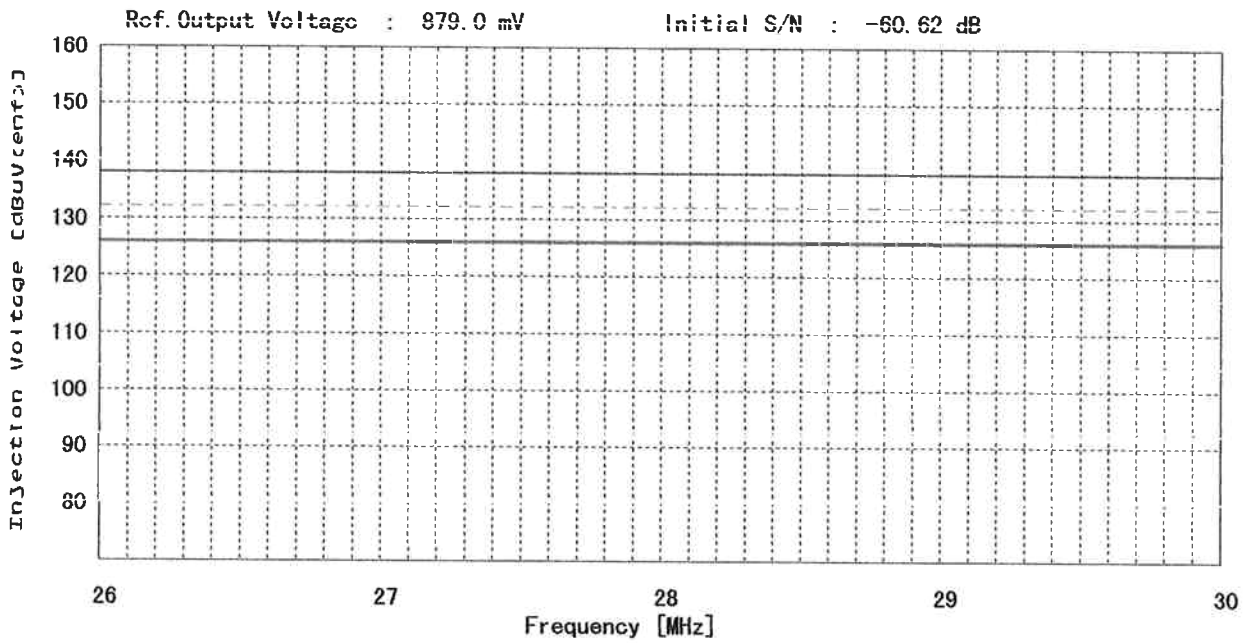
No.	Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]	Remarks
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S2b Immunity to RF Currents

KENWOOD CORPORATION

Date : 09/03/09 14:37

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operator	: J. EBIHARA
Memo	: vol:35(max)		
Operation Mode:	FM Reception	Output Port	: PRE-OUT
		Channel	: Left



***** Results of Measurement *****

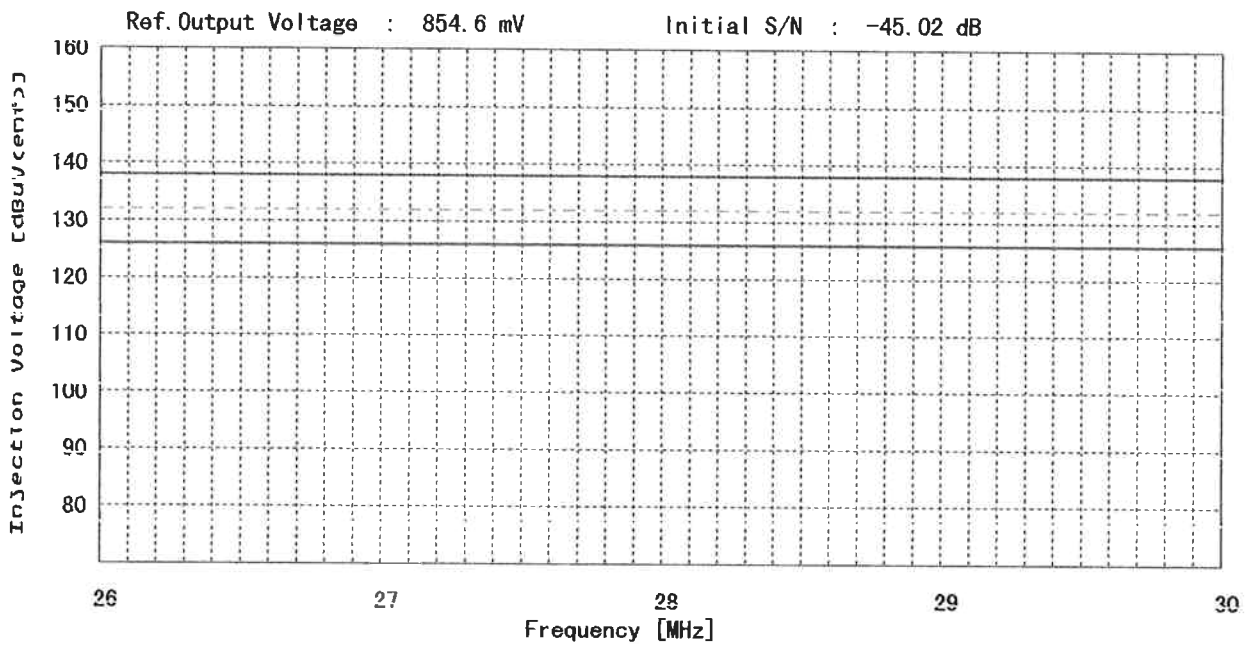
No.	Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]	Remarks
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S2b Immunity to RF Currents

KENWOOD CORPORATION

Date : 09/03/09 14:35

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operater	: J. EBHARA
Memo	: vol:35(max)		
Operation Mode:	AM Reception(LW)	Output Port	: PRE-OUT
		Channel	: Left



***** Results of Measurement *****

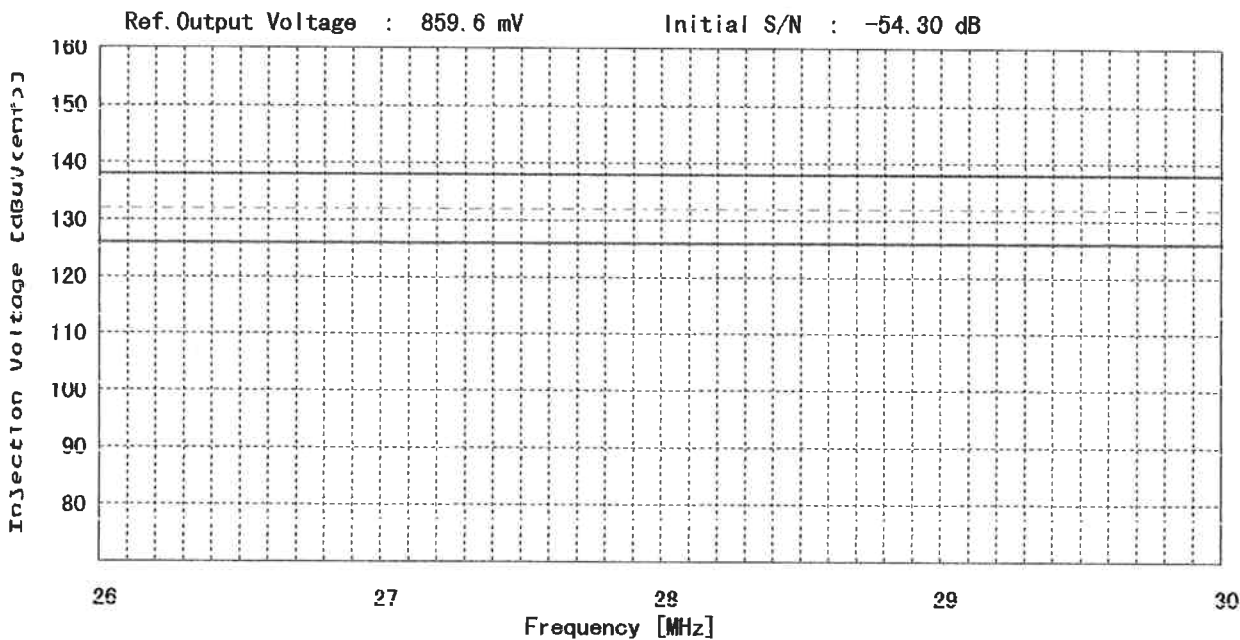
No.	Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]	Remarks
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S2b Immunity to RF Currents

KENWOOD CORPORATION

Date : 09/03/09 14:34

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operator	: J. EBHARA
Memo	: vol:35(max)		
Operation Mode	: AM Reception(MW)	Output Port	: PRE-OUT
		Channel	: Left



***** Results of Measurement *****

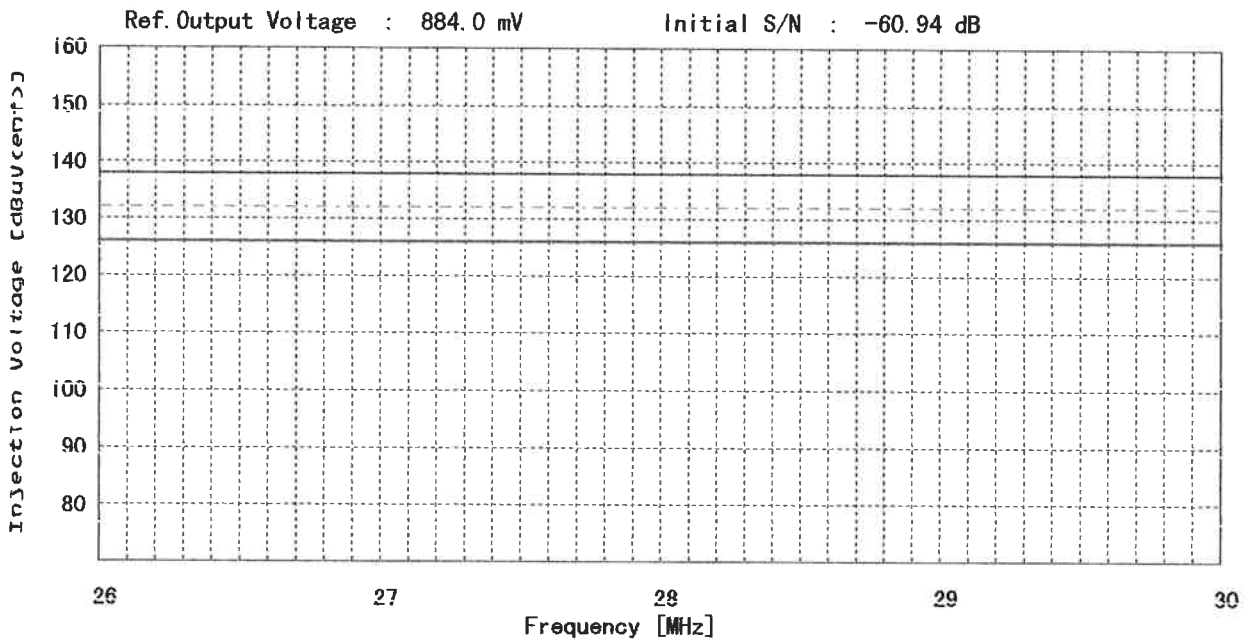
No.	Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]	Remarks
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S2b Immunity to RF Currents

KENWOOD CORPORATION

Date : 09/03/09 14:31

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operator	: J. EBHARA
Memo	: vol:35(max)		
Operation Mode	: FM Reception	Output Port	: PRE-OUT
		Channel	: Right



***** Results of Measurement *****

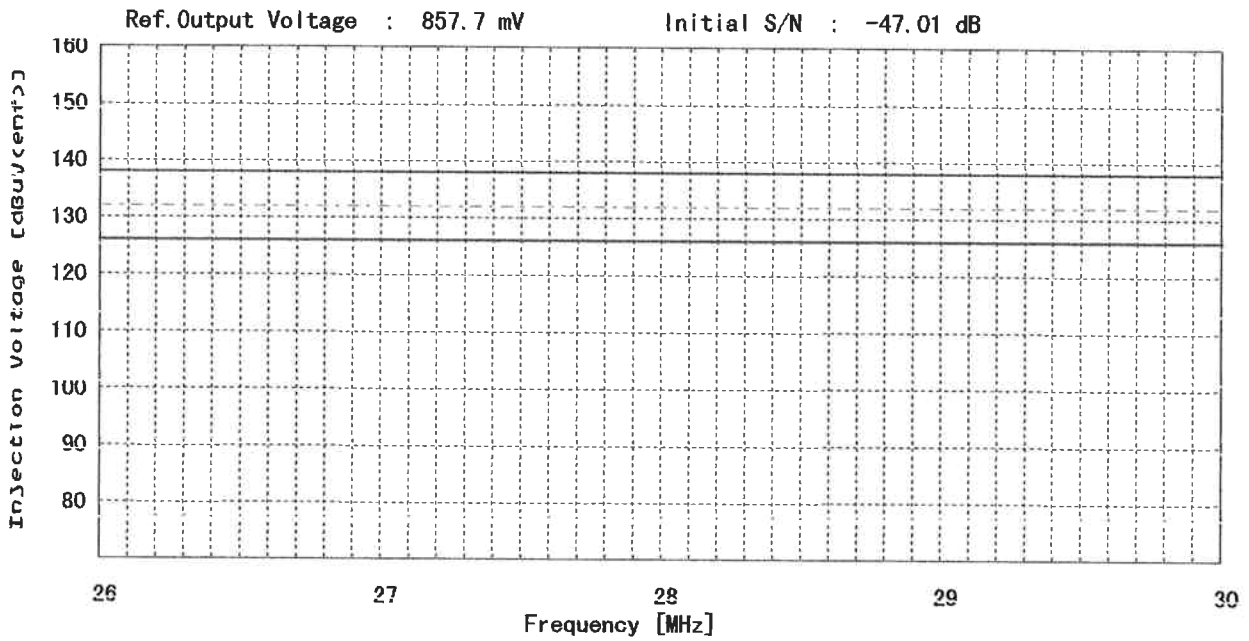
No.	Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]	Remarks
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S2b Immunity to RF Currents

KENWOOD CORPORATION

Date : 09/03/09 14:29

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operater	: J. EBHARA
Memo	: vol:35(max)		
Operation Mode:	AM Reception(LW)	Output Port	: PRE-OUT
		Channel	: Right



***** Results of Measurement *****

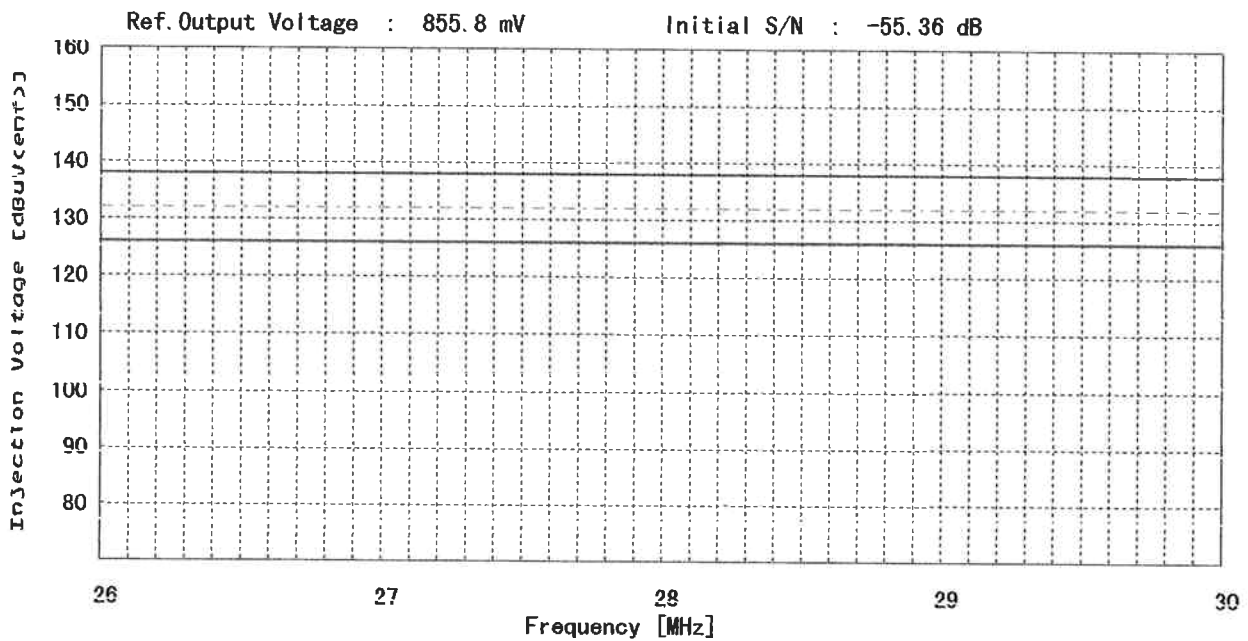
No.	Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]	Remarks
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S2b Immunity to RF Currents

KENWOOD CORPORATION

Date : 09/03/09 14:28

Trade Mark	: KENWOOD	Specification	:
Model Name	: KDC-4547UW	Devorop. Stage	: PP
Equipment	:	Power Supply	: 14.4V
Serial No.	: PPE00002	Operator	: J. EBIHARA
Memo	: vol:35(max)		
Operation Mode:	AM Reception(MW)	Output Port	: PRE-OUT
		Channel	: Right



***** Results of Measurement *****

No.	Frequency [MHz]	Results [dBuV]	Limit [dBuV]	Margin [dB]	Remarks
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[ESD] Electrostatic Discharge

Standard	: EN55020
Model	: KDC-4547UW
Ser No.	: PPE00002
Date	: 18 September, 2009
Operator	: S.yonemura
Test Level	: B

Temperature : 26 °C, Relative Humidity : 50 %, Atmospheric Humidity : 988 hpa

Measurement result. **PASS**

Operation Mode: CD play

Type of discharge	Discharge Part	Discharge Voltage	Result
Contact	part of metal	+4KV	PASS
		-4KV	PASS
Air	part of Insulation	+8KV	PASS
		-8KV	PASS
Indirection	HCP / VCP	+4KV	PASS
		-4KV	PASS

Operation Mode: USB Play

Type of discharge	Discharge Part	Discharge Voltage	Result
Contact	part of metal	+4KV	PASS
		-4KV	PASS
Air	part of Insulation	+8KV	PASS
		-8KV	PASS
Indirection	HCP / VCP	+4KV	PASS
		-4KV	PASS

*HCP=Horizontal Coupling Plane , VCP=Vertical Coupling Plane

Electrostatic Discharge Test Points

○ Contact

□ Air

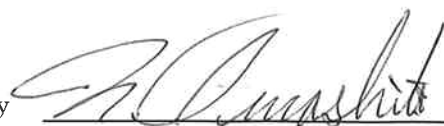


TEST REPORT

Equipment under test	: KDC-4547UW		
Standard	: 2004/104/EC, 2005/83/EC, 2006/28/EC, 2009/19/EC		
Measurements	: Transient immunity test		Page 2
	: Radiated emissions test		9
	: Transient emissions test		11
Photographs of Test Setup			13
Test Result	: Pass		
Test facility	: Shielded enclosure and semi-anechoic chamber at Engineering Support Center, Victor Company of Japan, Limited		
Instrumentation			
Test site No.1	: ELECTROMAGNETIC WAVE SEMI-ANECHOIC CHAMBER-B		
Radiation	: EMI Test receiver	Rohde & Schwarz	ESP13
	: Pri Amplifire	SONOMA	INSTRUMENT 310
	: Regulateddc Power supply	KIKUSUI	PAD60-60LA
	: Bilog Antenna	SCHAFFNER/CHASE	CBL6111B
	: L.I.S.N Artificial Mains network	SCHWARZBECK	NNBM 8125
Test site No.2	: ELECTROMAGNETIC WAVE SEMI-ANECHOIC CHAMBER-C		
Radiation	: Digital Phosphor Oscilloscope	Tektronix	DPO4104
	: Probe	Tektronix	Tek P5100
	: L.I.S.N Artificial Mains network	SCHWARZBECK	NNBM 8125
Electromagnetic Immunity	: NSG 5500 System		
	: Registance module	Teseq	RM5505
	: Micro transients	Teseq	MT5510
	: Fast transients	Teseq	FT5530
	: Load Dump Generator	Teseq	LD5505
	: NSG5600 System		
	: Signal change package	Teseq	CT5610
	: Signal Generator	Teseq	FG5620
	: Power Amplifier/Battery simulator	Teseq	PA5840

Tokyo, 1 December, 2009

Reviewed by



Norio Iwashita, Group Manager
Safety and Environment Group
Technology Development Div.

Autostar Test Report**TRANSIENT IMMUNITY TEST**
Standard: ISO7637-2

Date : 24 Sep. 2009 Time : 13:35

II | SCHAFNERSchaffner Electrotest GmbH
Hafenstrasse 1

97877 Wertheim

Germany

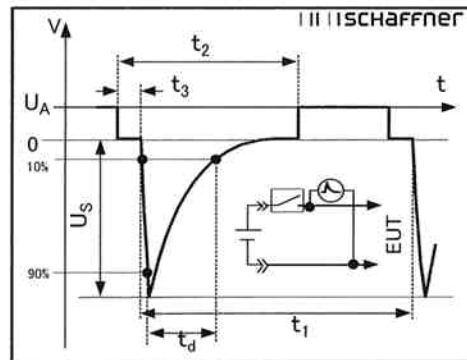
Tel +49 (0)9342 8750 Fax +49 (0)9342 87575

www.schaffner.com

Company Name :	KENWOOD
Equipment Tested :	KDC-4547UW
Serial Number :	PPE00006
Test Equipment used :	CD RECEIVER
Test Procedure Used :	CD Play (CTS-1000: Tr.1/1kHz) 1/8Po

Test Number 1

Test Name C:\Program Files\Schaffner Electrotest
GmbH\Autostar\UserTests\Anzen\Pulse 1.ust
Test type MT 5510 High Energy Pulse 1
Sequence Repetition Count 5000

Test Status **PASS**

Parameter	Operation	From	To	Step Size	Fail Value
Pulse Voltage(Us)	Static	-75 V	---	---	---
Pulse Period(t1)	Static	0.5 Secs	---	---	---

General	Value
Rise Time(tr)	1 us
Output Resistance(Ri)	10 ohms
Pulse Width(td)	2 ms
t2	200 ms
Polarity/Coupling	Negative Parallel

Battery

Battery State UPC/TIME
Voltage 13.5 V
Current Limit 25 A
End of Test Voltage 13.5 V

Comments

Power down, and self recovery to the initial condition after stop pulse injection.

General Conditions

Ambient Temperature : 28 °C Humidity : Pressure :
Tested by : Kimizuka
Signature

Autostar Test Report**TRANSIENT IMMUNITY TEST
Standard: ISO7637-2**

Date : 24 Sep. 2009 Time : 13:57

IIISCHAFFNERSchaffner Electrotest GmbH
Hafenstrase 1

97877 Wertheim

Germany

Tel +49 (0)9342 8750 Fax +49 (0)9342 87575
www.schaffner.com

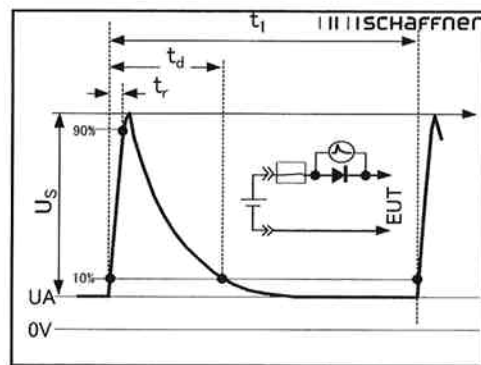
Company Name :	KENWOOD
Equipment Tested :	KDC-4547UW
Serial Number :	PPE00006
Test Equipment used :	CD RECEIVER
Test Procedure Used :	CD Play (CTS-1000: Tr.1/1kHz) 1/8Po

Test Number 1

Test Name C:\Program Files\Schaffner Electrotest
GmbH\Autostar\User Tests\Anzen\Pulse 2a.ust

Test type MT 5510 High Energy Pulse 2

Sequence Repetition Count 5000

Test Status **PASS**

Parameter	Operation	From	To	Step Size	Fail Value
Pulse Voltage(Us)	Static	37 V	---	---	---
Pulse Period(t1)	Static	0.2 Secs	---	---	---

General	Value
Rise Time(tr)	1 us
Output Resistance(Ri)	2 ohms
Pulse Width(td)	50 us
t2	Not Applicable
Polarity/Coupling	Positive Serial

Battery	Value
Battery State	On
Voltage	13.5 V
Current Limit	25 A
End of Test Voltage	13.5 V

Comments

General Conditions			
Ambient Temperature :	28 °C	Humidity :	Pressure :
Tested by :	Kimizuka		
Signature			

Autostar Test Report**TRANSIENT IMMUNITY TEST
Standard: ISO7637-2**

Date : 24 Sep. 2009 Time : 13:59

IIISCHAFFNERSchaffner Electrotest GmbH
Hafenstrasse 1

97877 Wertheim

Germany

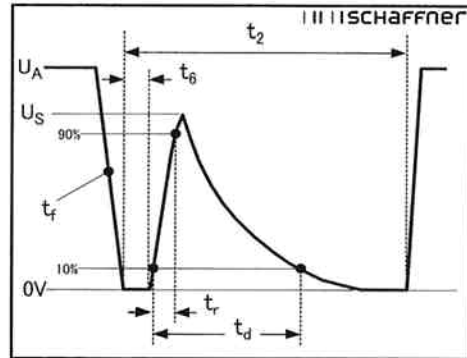
Tel +49 (0)9342 8750 Fax +49 (0)9342 87575

www.schaffner.com

Company Name :	KENWOOD
Equipment Tested :	KDC-4547UW
Serial Number :	PPE00006
Test Equipment used :	CD RECEIVER
Test Procedure Used :	CD Play (CTS-1000: Tr.1/1kHz) 1/8Po

Test Number 1

Test Name C:\Program Files\Schaffner Electrotest
GmbH\Autostar\UserTests\Anzen\Pulse 2b.ust
Test type NSG 5600 Pulse 2B (SVV)
Sequence Repetition Count 10

Test Status **PASS****Voltage**

Ua 13.5 V
Us 10 V

Timing

tf 1 mS
t6 1 mS
tr 1 mS
td 200 mS
t2 2 S
t1 5 S

Resistance

Resistance 0 ohms

Battery

Current Limit 5 A
End of Test Voltage 13.5 V

Comments

Power down, and self recovery to the initial condition after stop pulse injection.

General Conditions

Ambient Temperature : 28 °C Humidity : Pressure :
Tested by : Kimizuka
Signature

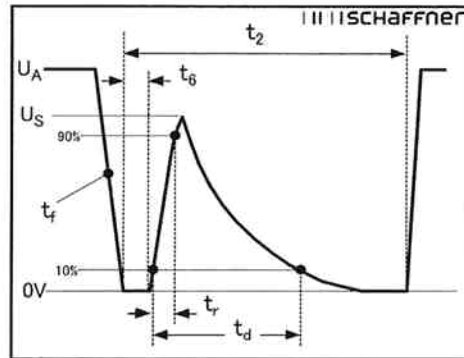
<h2 style="margin: 0;">Autostar Test Report</h2> <h3 style="margin: 5px 0 0 0;">TRANSIENT IMMUNITY TEST</h3> <p style="margin: 0;">Standard: ISO7637-2</p> <p style="margin: 10px 0 0 0;">Date : 24 Sep. 2009 Time : 14:20</p>	<p style="margin: 5px 0 0 0;">Schaffner Electrotest GmbH Hafenstrasse 1 97877 Wertheim Germany Tel +49 (0)9342 8750 Fax +49 (0)9342 87575 www.schaffner.com</p>
--	--

Company Name :	KENWOOD
Equipment Tested :	KDC-4547UW
Serial Number :	PPE00006
Test Equipment used :	CD RECEIVER
Test Procedure Used :	CD Play (CTS-1000: Tr.1/1kHz) 1/8Po

Test Number 1

Test Name C:\Program Files\Schaffner Electrotest GmbH\Autostar\UserTests\Anzen\Pulse 2b.ust
 Test type NSG 5600 Pulse 2B (SVV)
 Sequence Repetition Count 10

Test Status **PASS**



Voltage

Ua 13.5 V
 Us 10 V

Timing

Timing	Value
t _f	1 mS
t ₆	1 mS
t _r	1 mS
t _d	2000 mS
t ₂	4.05 S
t ₁	50 S

Resistance

Resistance 0 ohms

Battery

Current Limit 5 A
 End of Test Voltage 13.5 V

Comments

Power down, and self recovery to the initial condition after stop pulse injection.

General Conditions

Ambient Temperature : 28 °C Humidity : Pressure :
 Tested by : Kimizuka
 Signature

Autostar Test Report**TRANSIENT IMMUNITY TEST
Standard: ISO7637-2**

Date : 24 Sep. 2009 Time : 10:49

II | SCHAFNERSchaffner Electrotest GmbH
Hafenstrasse 1

97877 Wertheim

Germany

Tel +49 (0)9342 8750 Fax +49 (0)9342 87575

www.schaffner.com

Company Name :	KENWOOD
Equipment Tested :	KDC-4547UW
Serial Number :	PPE00006
Test Equipment used :	CD RECEIVER
Test Procedure Used :	CD Play (CTS-1000: Tr.1/1kHz) 1/8Po

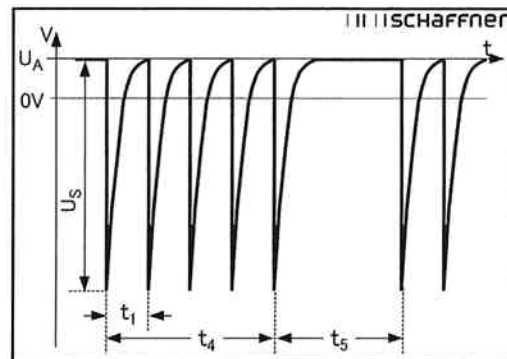
Test Number 1

Test Name C:\Program Files\Schaffner Electrotest
GmbH\Autostar\UserTests\Anzen\Pulse 3a.ust

Test type FT 5530 Pulse 3A/B (Burst)

Sequence Repetition Minutes 60

Test Status

PASS

Parameter	Operation	From	To	Step Size	Fail Value
Pulse Voltage (Us)	Static	112 V	---	---	---
Pulse Period (1/t1)	Static	10 kHz (t1=100uS)	---	---	---

General	Value
Rise Time (tr)	5 nS
Output Resistance (Ri)	50 ohms
Pulse Width (td)	100 nS
Burst Interval (t5)	0.09 Seconds
Output Mode	NORMAL

No Pulse(t4/t1)	Value
No of Pulse (Np)	100
Burst Duration (t4)	10 mS

Battery	Value
Battery State	On
Voltage	13.5 V
Current Limit	5 A
End of Test Voltage	13.5 V

Polarity	Value
Polarity	Negative

Comments

General Conditions

Ambient Temperature : 28 °C Humidity : Pressure :

Tested by : Kimizuka

Signature

Autostar Test Report

TRANSIENT IMMUNITY TEST Standard: ISO7637-2

Date : 24 Sep. 2009 Time : 12:52



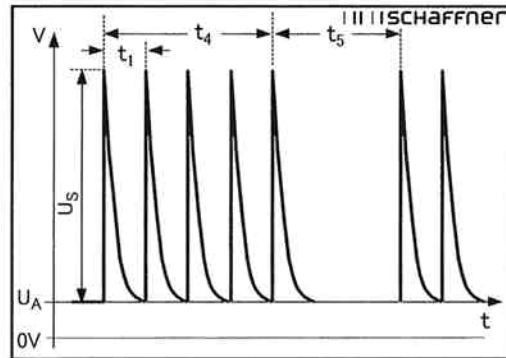
Schaffner Electrotest GmbH
Hafenstrasse 1
97877 Wertheim
Germany
Tel +49 (0)9342 8750 Fax +49 (0)9342 87575
www.schaffner.com

Company Name :	KENWOOD
Equipment Tested :	KDC-4547UW
Serial Number :	PPE00006
Test Equipment used :	CD RECEIVER
Test Procedure Used :	CD Play (CTS-1000: Tr.1/1kHz) 1/8Po

Test Number 1

Test Name C:\Program Files\Schaffner Electrotest GmbH\Autostar\UserTests\Anzen\Pulse 3b.ust
 Test type FT 5530 Pulse 3A/B (Burst)
 Sequence Repetition Minutes 60

Test Status **PASS**



Parameter	Operation	From	To	Step Size	Fail Value
Pulse Voltage (Us)	Static	75 V	---	---	---
Pulse Period (1/t1)	Static	10 kHz (t1=100uS)	---	---	---

General	Value
Rise Time (tr)	5 nS
Output Resistance (Ri)	50 ohms
Pulse Width (td)	100 nS
Burst Interval (t5)	0.09 Seconds
Output Mode	NORMAL

No Pulse(t4/t1)	Value
No of Pulse (Np)	100
Burst Duration (t4)	10 mS

Battery	Value
Battery State	On
Voltage	13.5 V
Current Limit	5 A
End of Test Voltage	13.5 V

Polarity	Value
Polarity	Positive

Comments

General Conditions			
Ambient Temperature :	28 °C	Humidity :	Pressure :
Tested by :	Kimizuka		
Signature			

Autostar Test Report

TRANSIENT IMMUNITY TEST Standard: ISO7637-2

Date : 24 Sep. 2009 Time : 14:22



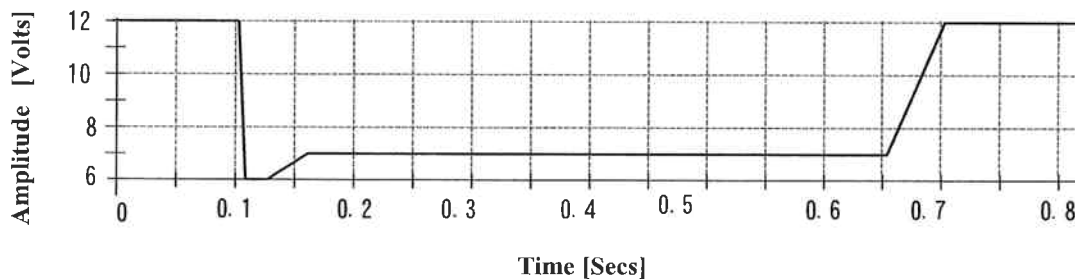
Schaffner Electrotest GmbH
Hafenstrasse 1
97877 Wertheim
Germany
Tel +49 (0)9342 8750 Fax +49 (0)9342 87575
www.schaffner.com

Company Name :	KENWOOD
Equipment Tested :	KDC-4547UW
Serial Number :	PPE00006
Test Equipment used :	CD RECEIVER
Test Procedure Used :	CD Play (CTS-1000: Tr.1/1kHz) 1/8Po

Test Number 1

Test Name C:\Program Files\Schaffner Electrotest
GmbH\Autostar\UserTests\Anzen\Pulse 4.ust
Test type Double Arb : Master->NSG 5600 Pulse 4C (SVV)
Sequence Repetition Count 1

Test Status **PASS**



Segment Number		# 1	# 2	# 3	# 4	# 5	# 6	# 7
		Mode	Static	Linear	Static	Linear	Static	Linear
Amplitude	Initial Value	12 Vpp	12 Vpp	6 Vpp	6 Vpp	7 Vpp	7 Vpp	12 Vpp
	Final Value	—	6 Vpp	—	7 Vpp	—	12 Vpp	—
Segment Duration	Value	100 ms	5 ms	20 ms	30 ms	0.5 Sec	50 ms	100 ms

Battery: Current Limmit: 5 A Voltage: 12 V

Comments

Power down, and self recovery to the initial condition after stop pulse injection.

General Conditions

Ambient Temperature : 28 °C Humidity : Pressure :
Tested by : Kimizuka
Signature

VOLTAGE TRANSIENT EMISSION

Standard: ISO7637-2

Test Specification 2004/104/EC
 Model name KDC-4547UW Date 24 September, 2009
 Serial No. PPE00002 Temperature 28 deg. C.
 LIMIT +75V/-100V Operator Kimizuka
 Test mode CTS-1000 PLAY (Tr.1/1kHz)
 Input power DC 12V by Battery Result Passed
 1/8W power ON→OFF 1.85V/4ohm/ch
 VR Position 19

	Fast pulses			Slow pulses		
	OFF→ON	ON→OFF	ON→OFF	OFF→ON	ON→OFF	ON→OFF
	Peak V(max)	Peak V(min)	Peak V(max)	Peak V(max)	Peak V(min)	Peak V(max)
1	2.4	-13.0	2.0	1.0	-13.4	1.1
2	2.4	-11.2	2.2	1.6	-13.8	3.4
3	2.2	-11.6	2.0	1.1	-12.9	1.0
4	2.6	-11.0	2.0	0.7	-13.1	1.9
5	2.6	-12.2	2.2	1.0	-12.6	2.7
6	1.8	-10.5	1.4	0.9	-13.4	0.8
7	2.2	-11.4	1.4	0.8	-13.5	2.1
8	2.4	-10.6	2.2	0.7	-13.3	0.8
9	2.6	-12.6	2.0	1.6	-14.0	1.0
10	2.2	-10.6	2.4	0.8	-13.6	2.5

VOLTAGE TRANSIENT EMISSION

Standard: ISO7637-2

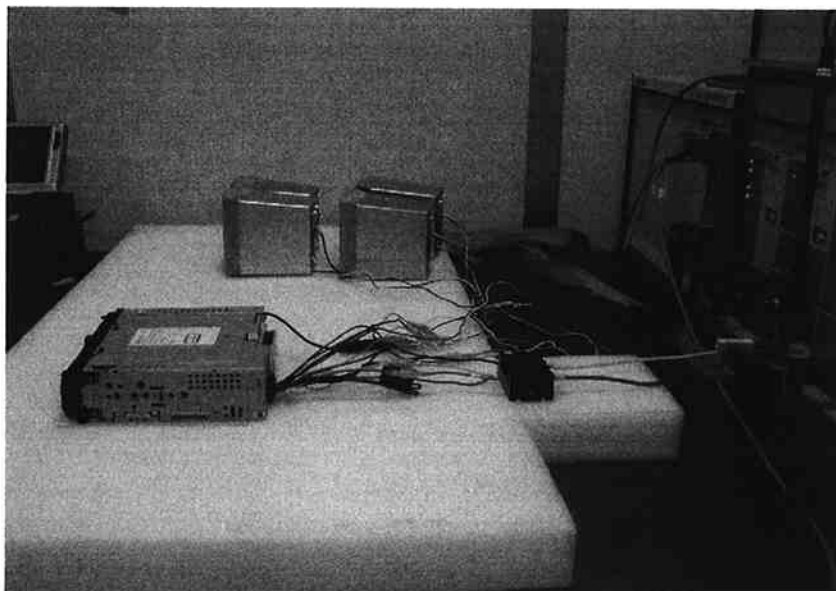
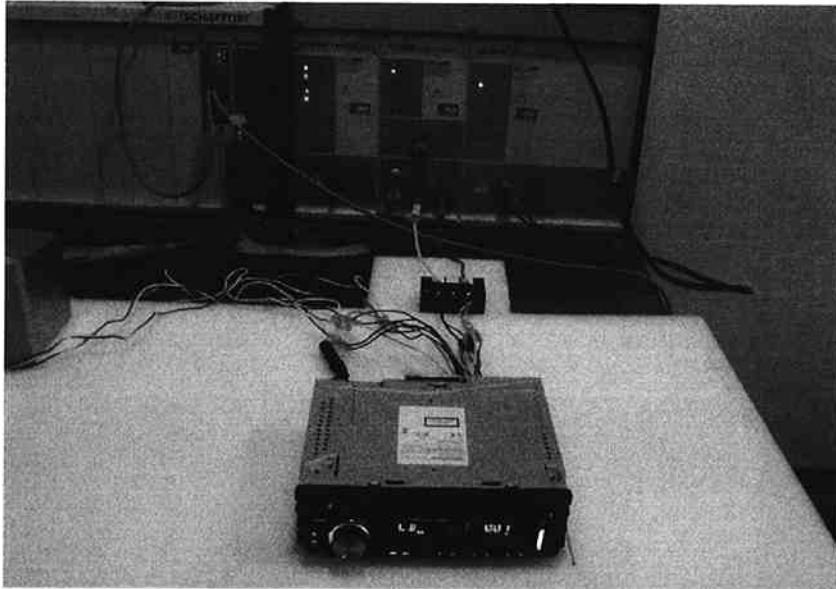
Test Specification 2004/104/EC
 Model name KDC-4547UW Date 24 September, 2009
 Serial No. PPE00002 Temperature 28 deg. C.
 LIMIT +75V/-100V Operator Kimizuka
 Test mode USB PLAY (1kHz) Result Passed
 SONY SDK-USM1GL
 Input power DC 12V by Battery
 1/8W power ON→OFF 1.85V/4ohm/ch
 VR Position 19

	Fast pulses			Slow pulses		
	OFF→ON	ON→OFF	ON→OFF	OFF→ON	ON→OFF	ON→OFF
	Peak V(max)	Peak V(min)	Peak V(max)	Peak V(max)	Peak V(min)	Peak V(min)
1	1.5	-12.2	3.4	0.9	-13.4	2.3
2	1.0	-11.2	4.2	1.3	-13.3	0.7
3	2.2	-7.6	3.3	1.1	-12.9	0.7
4	0.6	-6.9	3.2	1.1	-13.1	0.8
5	0.6	-7.8	6.8	0.9	-12.8	1.8
6	0.7	-7.0	6.2	1.0	-13.9	0.8
7	0.6	-6.8	3.7	1.0	-13.3	3.7
8	0.2	-7.2	2.9	1.0	-12.8	2.1
9	0.6	-7.4	2.8	0.9	-13.6	0.9
10	0.6	-7.0	3.9	1.1	-13.1	2.3

Photographs of Test Setup

Date : 24 September, 2009
Model : KDC-4547UW

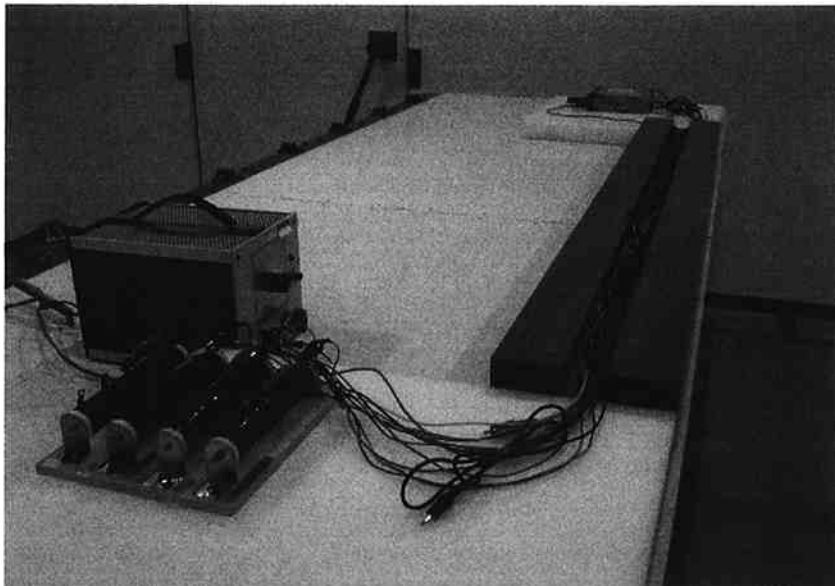
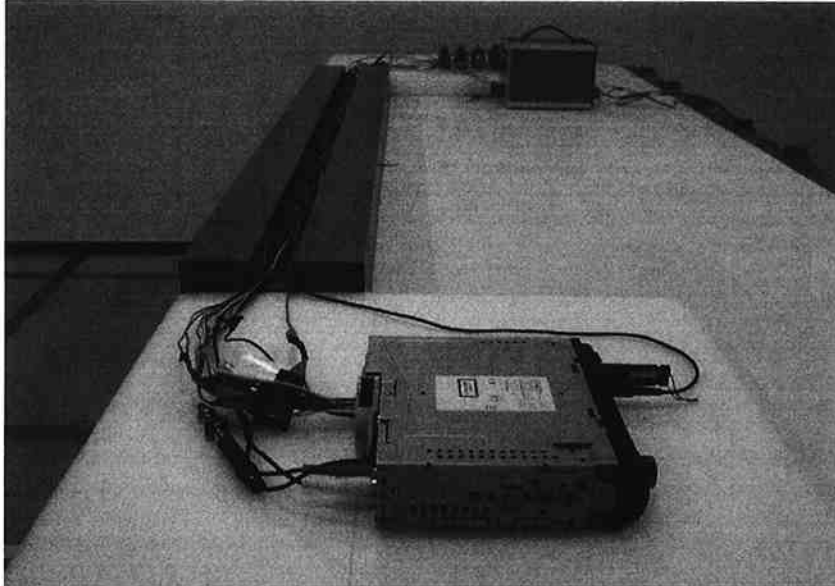
Measurement of electrical transient immunity (ISO7637-2)



Photographs of Test Setup

Date : 24 September, 2009
Model : KDC-4547UW

Measurement of electrical radiated emission (2004/104/EC Annex 7&8)



Photographs of Test Setup

Date : 24 September, 2009
Model : KDC-4547UW

Measurement of electrical transient emission (ISO7637-2)

