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Dates of Tests: Aug 13~23, 2010

Test Report S/N: LR500191008I

Test Site : LTA CO., LTD.

CERTIFICATION OF COMPLIANCE

M/N
APPLICAN

HFS002

GN Netcom A/S

FCC Classification	:	Low Power Communication Device Transmitter
Manufacturing Description	:	Visor Type Bluetooth Hands Free
Manufacturer	:	GN Netcom A/S
Model name	:	HFS002
Variant Model name	:	Jabra Cruiser2
Test Device Serial No.:	:	Identical prototype
Rule Part(s)	:	FCC Part 15.239 Subpart C; ANSI C-63.4-2003 RSS-210 and ISSUE No.:7 Date:2007
Frequency Range	:	88.1 ~ 107.9MHz
Data of issue	:	August 23, 2010

This test report is issued under the authority of:

The test was supervised by:

Kyung-Taek LEE, Technical Manager

Hyun-Chae You, Test Engineer

This test result only responds to the tested sample. It is not allowed to copy this report even partly without the allowance of the test laboratory. This report must not be used by the applicant to claim product endorsement by any agency.



NVLAP LAB Code.: 200723-0

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1. General information's

1-1 Test Performed

Company name : LTA Co., Ltd.
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Quality control in the testing laboratory is implemented as per ISO/IEC 17025 which is the “General requirements for the competent of calibration and testing laboratory”.

1-2 Accredited agencies

LTA Co., Ltd. is approved to perform EMC testing by the following agencies:

Agency	Country	Accreditation No.	Validity	Reference
NVLAP	U.S.A	200723-0	2011-09-30	ECT accredited Lab.
RRL	KOREA	KR0049	2011-09-01	EMC accredited Lab.
FCC	U.S.A	610755	2011-04-22	FCC filing
VCCI	JAPAN	R2133, C2307	2011-06-21	VCCI registration
IC	CANADA	IC5799	2012-05-14	IC filing

2. Information's about test item

2-1 Applicant & Manufacturer

Company name : GN Netcom A/S
 Address : Lautrupbjerg 7 DK-2750 Ballerup Denmark
 Telephone / Facsimile : +45 45758888/ +45 45758889

2-2 Equipment Under Test (EUT)

Trade name : Visor Type Bluetooth Hands Free
 Model name : HFS002
 Variant Model name : Jabra Cruiser2
 Serial number : Identical prototype
 Date of receipt : August 12, 2010
 EUT condition : Pre-production, not damaged
 Antenna type : Dipole Antenna
 Frequency Range : 88.1~ 107.9MHz
 Operator Selection of Operating Frequency: Manual Switch
 Power Source : Battery Pack: 3.7V (Li-Ion Polymer Battery)
 Power Source for : Input: 12/24VDC
 Cigar jack
 Power Source for : Input: 100-240VAC, 0.2A Output: 5.0VDC, 600mA
 Adaptor.(SSA-3P)

2-3 Tested frequency & signal

	LOW	MID	HIGH
Frequency (MHz)	88.1	98.0	107.9
Audio signal:	We tested only under the module of audio input. The device audio input source from maximum audio input for the tested. Test report is recorded the worst mode data.		

2-4 Ancillary Equipment

Equipment	Model No.	Serial No.	Manufacturer
DC Power Supply	E3615A	KR72705061	HP

3. Test Report

3.1 Summary of tests

FCC Part Section(s)	Parameter	Limit	Status (note 1)
15.239	Field Strength of Fundamental and Emissions within permitted band.	< 250 uV @ 3m	C
15.239	Occupied channel bandwidth	< 200kHz	C
15.209	Radiated Emission	< FCC 15.209 limits	C
15.207	AC Conducted Emissions	< FCC 15.207 limits	C
15.203	Antenna Requirement	-	C

Note 1: C=Complies NC=Not Complies NT=Not Tested NA=Not Applicable

Note 2: The data in this test report are traceable to the national or international standards.

Note 1: Antenna Requirement

→ The GN Netcom A/S. HFS002 unit complies with the requirement of §15.203.

The antenna is Dipole antenna.

Note 2: The sample was tested according to the following specification:

FCC Parts 15.239; ANSI C-63.4-2003

RSS-210 and ISSUE No.: 7 Date: 2007

3.2 Transmitter requirements

3.2.1 Field Strength of Fundamental and Emissions within permitted band.

Procedure:

The field strength of emissions from intentional radiators operated within the bands 88 ~108MHz was measured in accordance with FCC Part §15.239. The test set-up was made according to ANSI C 63.4:2003.

The EUT was placed on a 0.8m high wooden table inside a shielded enclosure. An antenna was placed near the EUT and measurements of frequencies and amplitudes of field strengths were recorded for reference during final measurements. For final radiated testing, measurements were performed in an OATS. Measurements were performed with the EUT oriented in 3 orthogonal axis and rotated 360 degrees to determine worst-case orientation for maximum emissions.

The spectrum analyzer is set to:

Span = 1 MHz

RBW = 120 kHz

VBW = 300 kHz

Trace = max hold

Sweep = auto

Detector function = Peak & Average

Measurement Data: Complies

→ For Spurious emission of the fundamental, refer to the item '3.2.2 radiated emission'

Operating Condition: Transmit the audio signal (modulated signal)

Frequency (MHz)	Pol. (H/V)	Read Level (dBuV/m)		C.F (dB)	Result Level (dBuV/m)		Limit (dBuV/m)		Margin (dB)	
		PK	AV		PK	AV	PK	AV	PK	AV
88.1	H	65.48	64.37	-17.03	48.45	47.34	68	48	19.55	0.66
88.1	V	58.81	57.57	-17.03	41.78	40.54	68	48	26.22	7.46
98.0	H	56.77	54.94	-16.00	40.77	38.94	68	48	27.23	9.06
98.0	V	49.43	47.82	-16.00	33.43	31.82	68	48	34.57	16.18
107.9	H	59.34	57.84	-15.10	44.24	42.74	68	48	23.76	5.26
107.9	V	52.25	50.74	-15.10	37.15	35.64	68	48	30.85	12.36

Note 1: Field Strength Calculation

C.F = Antenna Factor + Cable Loss - Preamp Factor

Margin = Limit - Level

Note 2 : It gave the worse case emissions.

Minimum Standard: FCC Part 15.239

The maximum Field Strength authorized within 200kHz is 250 uV/m@3m

3.2.2 Radiated Emissions

Procedure:

The EUT was placed on a 0.8m high wooden table inside a shielded enclosure. An antenna was placed near the EUT and measurements of frequencies and amplitudes of field strengths were recorded for reference during final measurements. For final radiated testing, measurements were performed in OATS. Measurements were performed with the EUT oriented in 3 orthogonal axis and rotated 360 degrees to determine worst-case orientation for maximum emissions.

The spectrum analyzer is set to:

Center frequency = the worst channel

Frequency Range = 30 MHz ~ 10th harmonic.

RBW = 100 kHz (30MHz ~ 1 GHz)

VBW ≥ RBW

= 1 MHz (1 GHz ~ 10th harmonic)

Span = 100 MHz

Detector function = peak

Trace = max hold

Sweep = auto

Measurement Data: Complies

Minimum Standard: FCC Part 15.209(a)

Frequency (MHz)	Limit (uV/m) @ 3m
30 ~ 88	100 **
88 ~ 216	150 **
216 ~ 960	200 **
Above 960	500

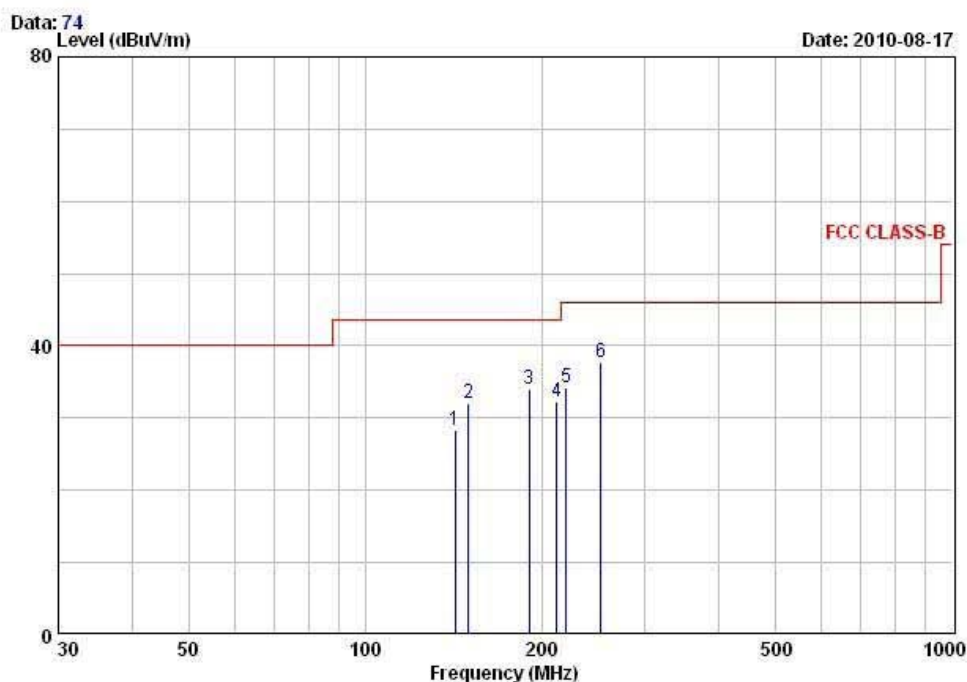
** Except as provided in 15.209(g), fundamental emissions from intentional radiators operating under this Section shall not be located in the frequency bands 54-72 MHz, 76-88MHz, 174-216MHz or 470-806MHz. However, operation within these frequency bands is permitted under other sections of this Part, e.g. 15.231 and 15.241.

Fundamental Frequency: 88.1MHz (Cigar jack)



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EUT/Model No.: HFS002 TEST MODE: FMT (LOW) mode
Temp Humi : 29 / 49 Tested by: KIM.K.I



Freq	Reading	C.F	Result	Limit	Margin	Height	Angle	Polarity
MHz	dBuV/m	dB/m	dBuV/m	QP	dB	cm	deg	deg
1	142.21	40.30	-12.04	28.26	43.50	15.24	151	135 HORIZONTAL
2	150.00	43.60	-11.52	32.08	43.50	11.42	145	211 HORIZONTAL
3	190.25	46.30	-12.19	34.11	43.50	9.39	214	103 HORIZONTAL
4	212.05	44.10	-11.91	32.19	43.50	11.31	142	225 HORIZONTAL
5	220.21	45.80	-11.53	34.27	46.00	11.73	153	162 HORIZONTAL
6	252.12	47.90	-10.19	37.71	46.00	8.29	121	220 HORIZONTAL

Remarks: C.F (Correction Factor) = Antenna factor + Cable loss - Preamp gain

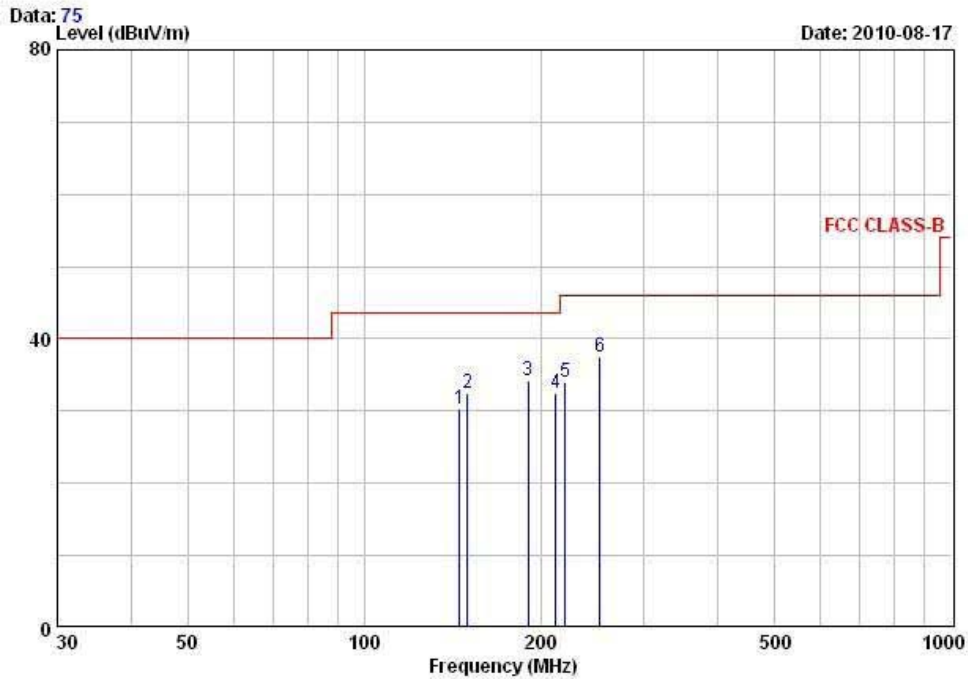
→ No other emissions were detected at a level greater than 20dB below limit.

Fundamental Frequency: 98.0MHz(Cigar jack)



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EUT/Model No.: HFS002 TEST MODE: FMT(MID) mode
Temp Humi : 29 / 49 Tested by: KIM.K.I



Peak	Freq MHz	Reading dBuV/m	C.F dB/m	Result dBuV/m	Limit QP dBuV/m	Margin dB	Height cm	Angle deg	Polarity
1	145.42	42.10	-11.82	30.28	43.50	13.22	140	235	HORIZONTAL
2	150.00	44.10	-11.52	32.58	43.50	10.92	240	152	HORIZONTAL
3	190.32	46.50	-12.19	34.31	43.50	9.19	145	124	HORIZONTAL
4	212.02	44.30	-11.91	32.39	43.50	11.11	153	144	HORIZONTAL
5	220.19	45.50	-11.53	33.97	46.00	12.03	142	223	HORIZONTAL
6	252.22	47.60	-10.18	37.42	46.00	8.58	143	152	HORIZONTAL

Remarks: C.F (Correction Factor) = Antenna factor + Cable loss - Preamp gain

→ No other emissions were detected at a level greater than 20dB below limit.

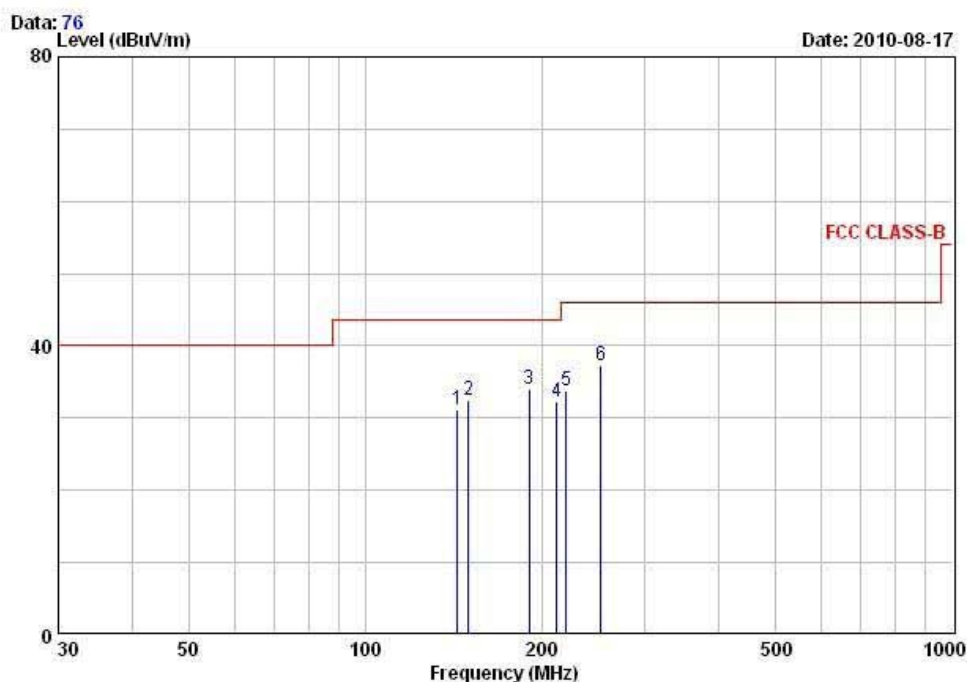
Fundamental Frequency: 107.9MHz(Cigar jack)



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EUT/Model No.: HFS002 TEST MODE: FMT(HIGH) mode

Temp Humi : 29 / 49 Tested by: KIM.K.I



Peak	Freq MHz	Reading dBuV/m	C.F dB/m	Result dBuV/m	Limit QP dBuV/m	Margin dB	Height cm	Angle deg	Polarity
1	143.53	43.20	-11.95	31.25	43.50	12.25	144	252	HORIZONTAL
2	150.02	43.90	-11.52	32.38	43.50	11.12	147	205	HORIZONTAL
3	190.13	46.20	-12.19	34.01	43.50	9.49	100	255	HORIZONTAL
4	212.00	44.20	-11.91	32.29	43.50	11.21	142	236	HORIZONTAL
5	220.16	45.30	-11.53	33.77	46.00	12.23	210	162	HORIZONTAL
6	252.26	47.40	-10.18	37.22	46.00	8.78	125	320	HORIZONTAL

Remarks: C.F (Correction Factor) = Antenna factor + Cable loss - Preamp gain

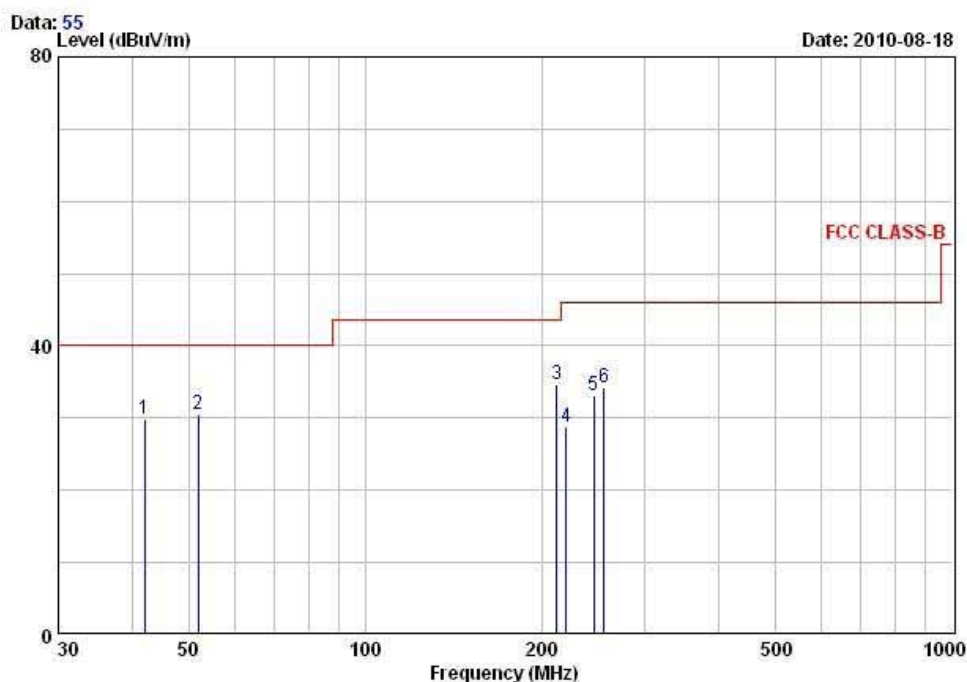
→ No other emissions were detected at a level greater than 20dB below limit.

Fundamental Frequency: 88.1MHz (SSA-3P for AC Adapter)



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EUT/Model No.: HFS002 TEST MODE: FMT (LOW) mode
Temp Humi : 30 / 58 Tested by: KIM.K.I



Freq	Reading	C.F	Result	Limit	Margin	Height	Angle	Polarity
MHz	dBuV/m	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	42.10	-14.34	29.96	40.00	10.04	100	252	VERTICAL
2	52.00	-13.35	30.55	40.00	9.45	100	105	VERTICAL
3	212.01	-11.91	34.59	43.50	8.91	100	175	VERTICAL
4	220.01	-11.54	28.76	46.00	17.24	100	104	VERTICAL
5	245.00	-10.47	33.03	46.00	12.97	100	147	VERTICAL
6	255.10	-10.07	34.23	46.00	11.77	100	240	VERTICAL

Remarks: C.F (Correction Factor) = Antenna factor + Cable loss - Preamp gain

→ No other emissions were detected at a level greater than 20dB below limit.

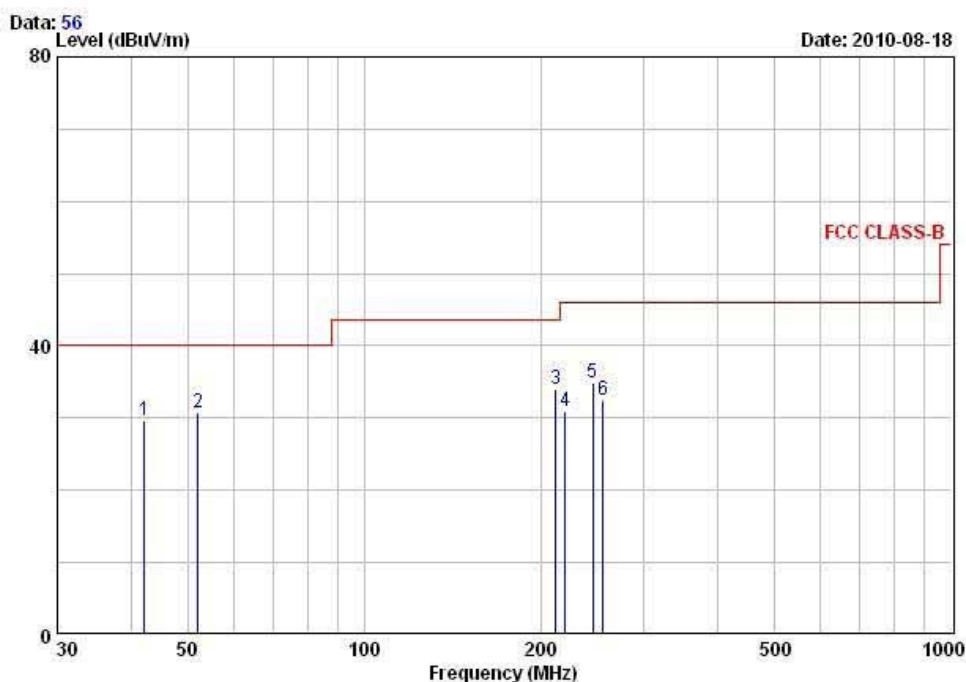
Fundamental Frequency: 98.0MHz(SSA-3P for AC Adapter)



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EUT/Model No.: HFS002 TEST MODE: FMT(MID) mode

Temp Humi : 30 / 58 Tested by: KIM.K.I



Freq	Reading	C.F	Result	Limit	Margin	Height	Angle	Polarity
MHz	dBuV/m	dB/m	dBuV/m	dBuV/m	dB	cm	deg	deg
1	42.24	43.90	-14.31	29.59	40.00	10.41	100	272 VERTICAL
2	52.12	44.00	-13.37	30.63	40.00	9.37	100	251 VERTICAL
3	212.00	45.90	-11.91	33.99	43.50	9.51	100	203 VERTICAL
4	220.00	42.60	-11.54	31.06	46.00	14.94	100	141 VERTICAL
5	245.02	45.30	-10.47	34.83	46.00	11.17	100	220 VERTICAL
6	255.00	42.50	-10.08	32.42	46.00	13.58	100	102 VERTICAL

Remarks: C.F (Correction Factor) = Antenna factor + Cable loss - Preamp gain

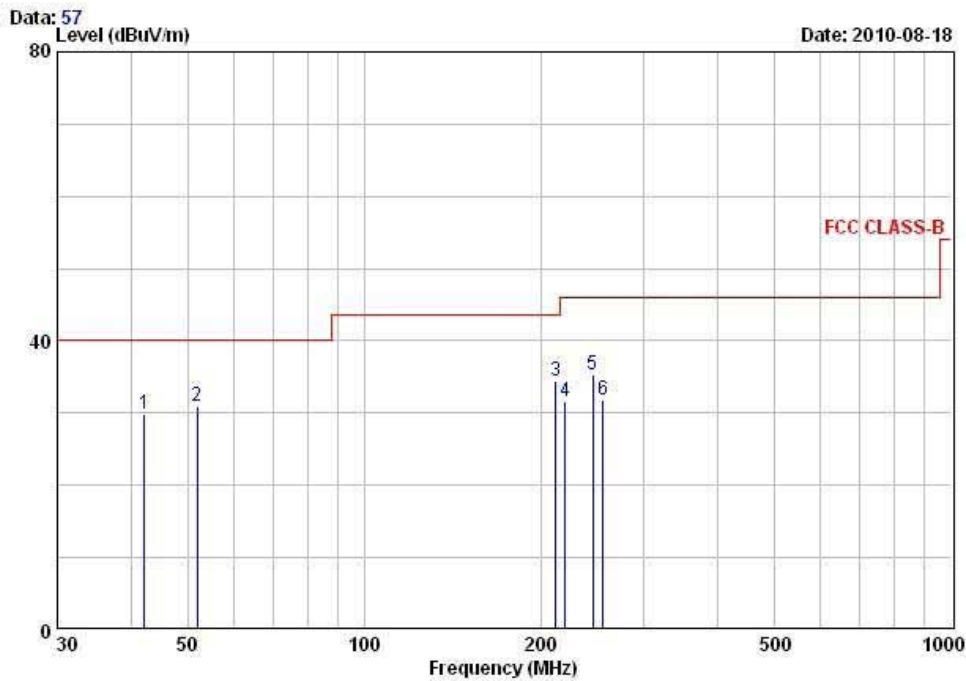
→ No other emissions were detected at a level greater than 20dB below limit.

Fundamental Frequency: 107.9MHz(SSA-3P for AC Adapter)



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EUT/Model No.: HFS002 TEST MODE: FMT(HIGH) mode
Temp Humi : 30 / 58 Tested by: KIM.K.I



Freq	Reading	C.F	Result	Limit	Margin	Height	Angle	Polarity
MHz	dBuV/m	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	42.16	44.20	-14.32	29.88	40.00	10.12	100	163 VERTICAL
2	52.00	44.30	-13.35	30.95	40.00	9.05	100	244 VERTICAL
3	212.13	46.30	-11.90	34.40	43.50	9.10	100	217 VERTICAL
4	220.11	43.20	-11.54	31.66	46.00	14.34	100	141 VERTICAL
5	245.00	45.70	-10.47	35.23	46.00	10.77	100	214 VERTICAL
6	255.22	41.80	-10.07	31.73	46.00	14.27	100	242 VERTICAL

Remarks: C.F (Correction Factor) = Antenna factor + Cable loss - Preamp gain

→ No other emissions were detected at a level greater than 20dB below limit.

3.2.3 AC Conducted Emissions

Procedure:

The conducted emissions are measured in the shielded room with a spectrum analyzer in peak hold. While the measurement, EUT had its hopping function disabled at the middle channels in line with Section 15.31(m). Emissions closest to the limit are measured in the quasi-peak mode (QP) with the tuned receiver using a bandwidth of 9 kHz. The emissions are maximized further by cable manipulation and Exerciser operation. The highest emissions relative to the limit are listed.

Measurement Data: Complies

- Refer to the next page.

Minimum Standard: FCC Part 15.207(a)/EN 55022

Frequency Range (MHz)	Conducted Limit (dBuV)	
	Quasi-Peak	Average
0.15 ~ 0.5	66 to 56 *	56 to 46 *
0.5 ~ 5	56	46
5 ~ 30	60	50

* Decreases with the logarithm of the frequency

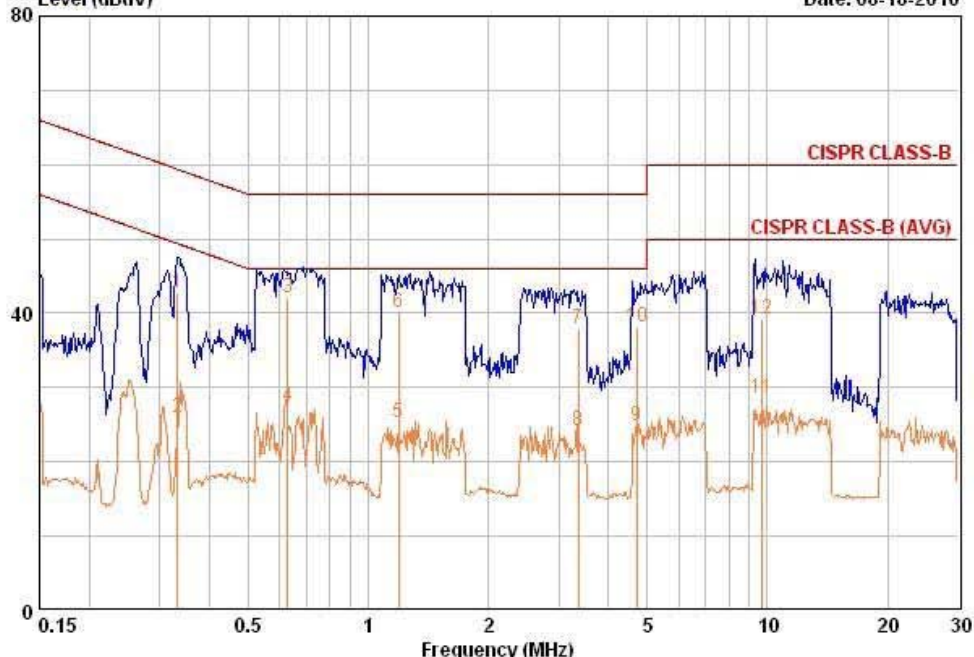
LINE – HIGH(SSA-3P for AC Adapter)



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EUT / Model No. : HFS002	Phase : LINE
Test Mode : FMT (HIGH) mode	Test Power : 120 / 60
Temp./Humi. : 27 / 62	Test Engineer : KIM.K.I

Data: 190 File: C:\Conducted Data\2010\LTA_Conduction_1008_1.EMI (190) Date: 08-18-2010



Freq MHz	PD		C.F	Result		Limit		Margin	
	QP dBuV	AV dBuV		QP dBuV	AV dBuV	QP dBuV	AV dBuV	QP dB	AV dB
0.332	33.16	16.36	9.66	42.81	26.01	59.40	49.40	16.59	23.39
0.627	32.36	17.66	9.74	42.09	27.39	56.00	46.00	13.91	18.61
1.192	30.27	15.47	9.79	40.07	25.27	56.00	46.00	15.93	20.73
3.367	28.14	14.34	9.86	38.00	24.20	56.00	46.00	18.00	21.80
4.698	28.14	14.94	9.92	38.06	24.86	56.00	46.00	17.94	21.14
9.678	29.18	18.38	10.12	39.30	28.50	60.00	50.00	20.70	21.50

Remarks: C.F (Correction Factor) = Insertion loss + Cable loss

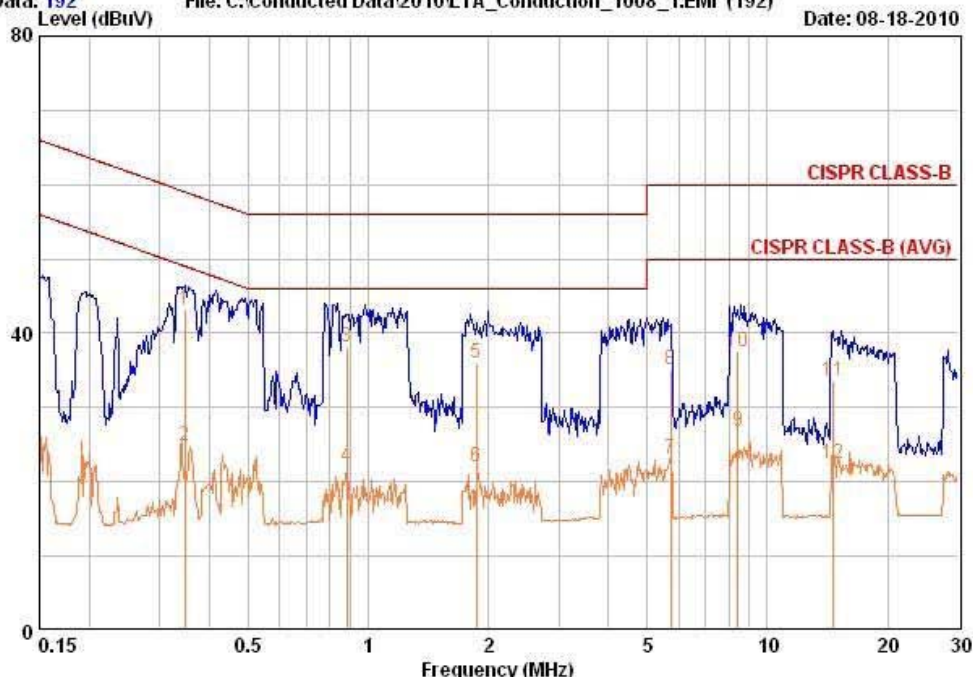
NEUTRAL - HIGH(SSA-3P for AC Adapter)



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EUT / Model No. : HFS002	Phase : NEUTRAL
Test Mode : FMT(HIGH) mode	Test Power : 120 / 60
Temp./Humi. : 27 / 62	Test Engineer : KIM.K.I

Data: 192 File: C:\Conducted Data\2010\LTA_Conduction_1008_1.EMI (192) Date: 08-18-2010



Freq MHz	RD		C.F	Result		Limit		Margin	
	QP dBuV	AV dBuV		QP dBuV	AV dBuV	QP dBuV	AV dBuV	QP dB	AV dB
0.347	33.45	15.25	9.66	43.11	24.91	59.03	49.03	15.92	24.12
0.882	28.46	12.26	9.78	38.24	22.04	56.00	46.00	17.76	23.96
1.865	26.22	12.12	9.82	36.04	21.94	56.00	46.00	19.96	24.06
5.737	25.06	13.06	9.94	35.00	23.00	60.00	50.00	25.00	27.00
8.451	27.38	16.68	10.05	37.43	26.73	60.00	50.00	22.57	23.27
14.675	23.11	12.01	10.39	33.50	22.40	60.00	50.00	26.50	27.60

Remarks: C.F (Correction Factor) = Insertion loss + Cable loss

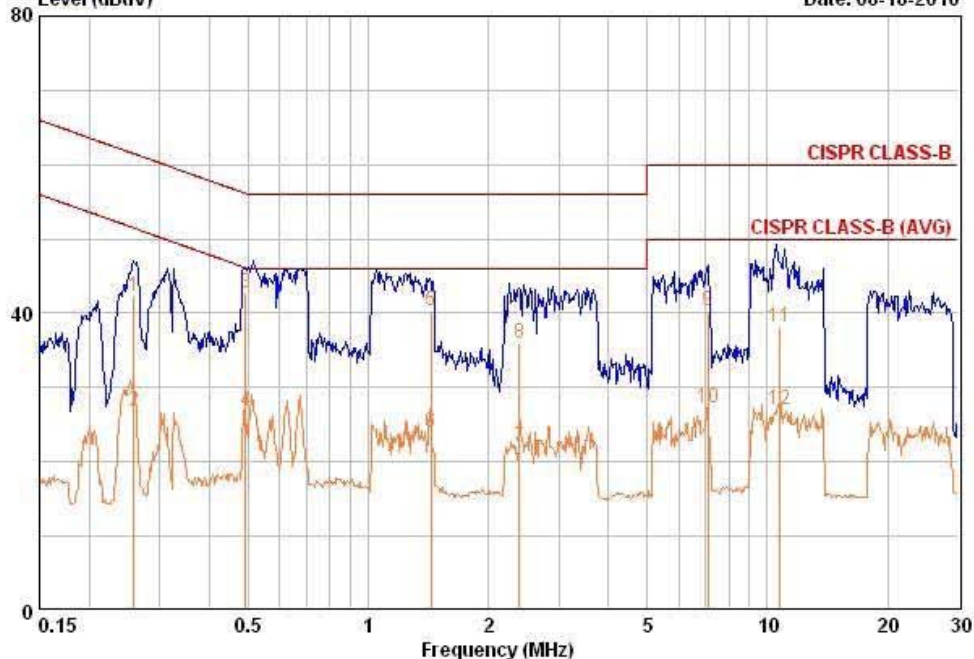
LINE – MID(SSA-3P for AC Adapter)



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EUT / Model No. : HFS002	Phase : LINE
Test Mode : FMT (MID) mode	Test Power : 120 / 60
Temp./Humi. : 27 / 62	Test Engineer : KIM.K.I

Data: 188 File: C:\Conducted Data\2010\LTA_Conduction_1008_1.EMI (188) Date: 08-18-2010



Freq MHz	PD		C.F	Result		Limit		Margin	
	QP dBuV	AV dBuV		QP dBuV	AV dBuV	QP dBuV	AV dBuV	QP dB	AV dB
0.259	32.55	17.05	9.66	42.21	26.71	61.46	51.46	19.25	24.75
0.492	33.15	17.15	9.67	42.82	26.82	56.13	46.13	13.31	19.31
1.436	30.49	14.19	9.80	40.29	23.99	56.00	46.00	15.71	22.01
2.390	26.19	12.19	9.83	36.02	22.02	56.00	46.00	19.98	23.98
7.093	30.27	17.17	9.98	40.25	27.15	60.00	50.00	19.75	22.85
10.733	27.99	16.89	10.19	38.17	27.07	60.00	50.00	21.83	22.93

Remarks: C.F (Correction Factor) = Insertion loss + Cable loss

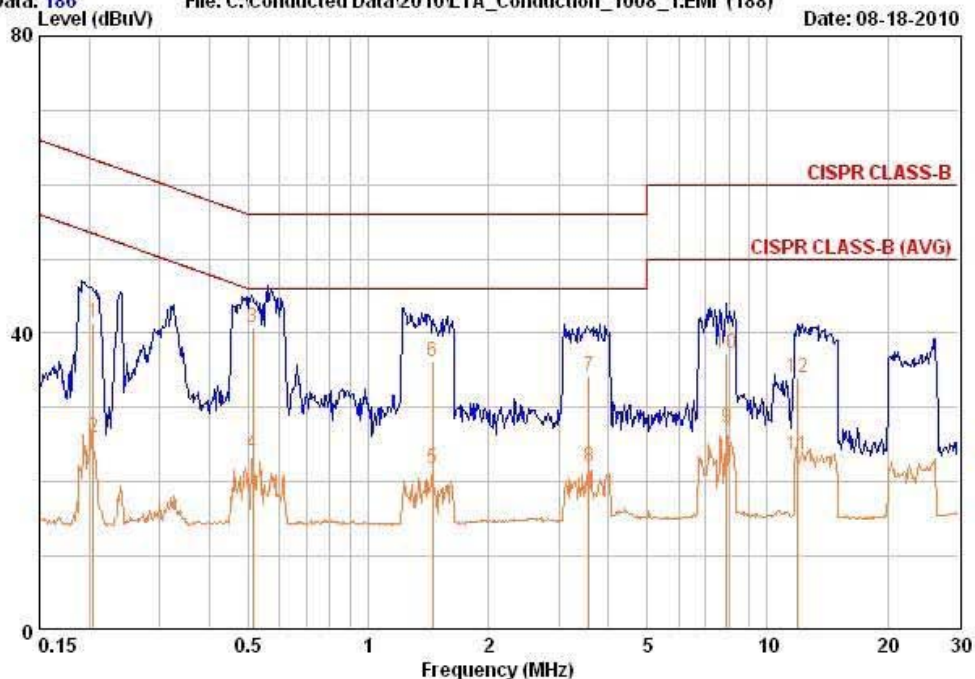
NEUTRAL - MID(SSA-3P for AC Adapter)



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EUT / Model No. : HFS002	Phase : NEUTRAL
Test Mode : FMT (MID) mode	Test Power : 120 / 60
Temp./Humi. : 27 / 62	Test Engineer : KIM.K.I

Data: 186 File: C:\Conducted Data\2010\LTA_Conduction_1008_1.EMI (188) Date: 08-18-2010



Freq MHz	RD		C.F	Result		Limit		Margin	
	QP dBuV	AV dBuV		QP dBuV	AV dBuV	QP dBuV	AV dBuV	QP dB	AV dB
0.205	31.76	16.26	9.66	41.42	25.92	63.41	53.41	21.99	27.49
0.513	31.05	14.15	9.67	40.72	23.82	56.00	46.00	15.28	22.18
1.448	26.29	12.09	9.80	36.09	21.89	56.00	46.00	19.91	24.11
3.578	24.43	12.13	9.87	34.30	22.00	56.00	46.00	21.70	24.00
7.914	27.17	17.17	10.02	37.19	27.19	60.00	50.00	22.81	22.81
11.847	23.69	13.39	10.25	33.94	23.64	60.00	50.00	26.06	26.36

Remarks: C.F (Correction Factor) = Insertion loss + Cable loss

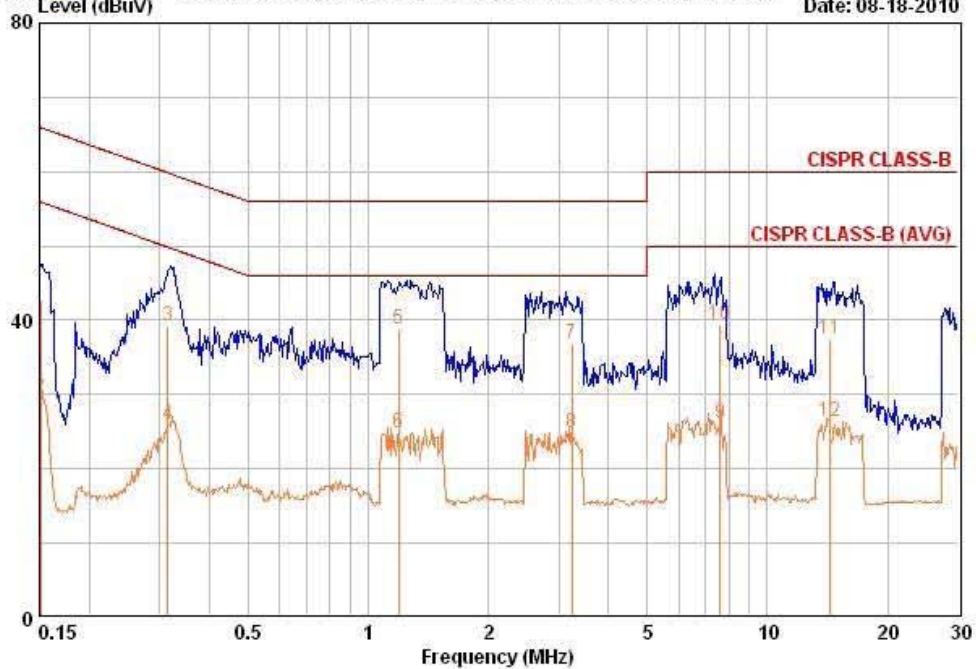
LINE – LOW(SSA-3P for AC Adapter)



243 Jubug-ri, yangji-Myeon, Youngin-si,
Gyeonggi-do 449-822 Korea
Tel :+82-31-3236008,9
Fax:+82-31-3236010

EUT / Model No. : HFS002 Phase : LINE
 Test Mode : FMT (LOW) mode Test Power : 120 / 60
 Temp. /Humi. : 27 / 62 Test Engineer : KIM.K.I

Data: 182 File: C:\Conducted Data\2010\LTA_Conduction_1008_1.EMI (188) Date: 08-18-2010



Freq MHz	PD		C.F	Result		Limit		Margin	
	QP dBuV	AV dBuV		QP dBuV	AV dBuV	QP dBuV	AV dBuV	QP dB	AV dB
0.151	33.15	20.05	9.65	42.80	29.70	65.94	55.94	23.14	26.24
0.315	29.66	16.36	9.65	39.31	26.01	59.84	49.84	20.53	23.83
1.189	29.07	14.97	9.79	38.87	24.77	56.00	46.00	17.13	21.23
3.235	26.94	14.94	9.86	36.79	24.79	56.00	46.00	19.21	21.21
7.625	29.47	16.17	10.01	39.48	26.18	60.00	50.00	20.52	23.82
14.353	27.11	16.01	10.38	37.48	26.38	60.00	50.00	22.52	23.62

Remarks: C.F (Correction Factor) = Insertion loss + Cable loss

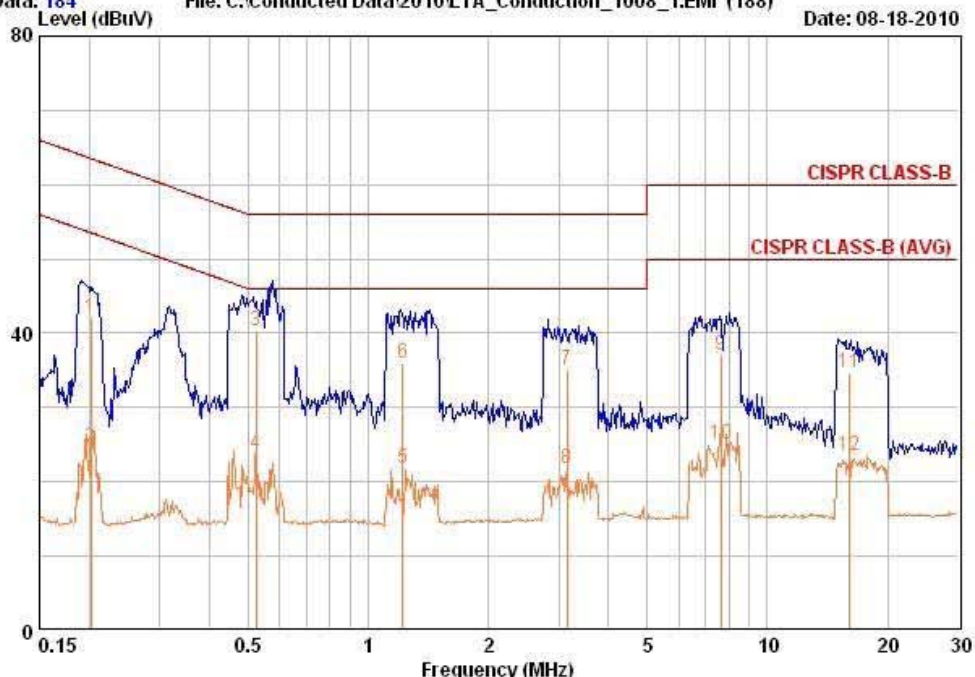
NEUTRAL – LOW(SSA-3P for AC Adapter)



243 Jubug-ri, yangji-Myeon, Youngin-si,
Gyeonggi-do 449-822 Korea
Tel :+82-31-3236008,9
Fax:+82-31-3236010

EUT / Model No. : HFS002 Phase : NEUTRAL
 Test Mode : FMT (LOW) mode Test Power : 120 / 60
 Temp./Humi. : 27 / 62 Test Engineer : KIM.K.I

Data: 184 File: C:\Conducted Data\2010\LTA_Conduction_1008_1.EMI (188) Date: 08-18-2010



Freq MHz	RD		C.F	Result		Limit		Margin	
	QP dBuV	AV dBuV		QP dBuV	AV dBuV	QP dBuV	AV dBuV	QP dB	AV dB
0.202	32.46	15.06	9.66	42.12	24.72	63.53	53.53	21.41	28.81
0.523	30.65	14.15	9.67	40.33	23.83	56.00	46.00	15.67	22.17
1.222	26.17	11.97	9.79	35.96	21.76	56.00	46.00	20.04	24.24
3.146	25.24	11.94	9.85	35.09	21.79	56.00	46.00	20.91	24.21
7.635	26.97	15.17	10.00	36.97	25.17	60.00	50.00	23.03	24.83
16.088	24.21	13.11	10.45	34.67	23.57	60.00	50.00	25.33	26.43

Remarks: C.F (Correction Factor) = Insertion loss + Cable loss

3.2.4 20dB Bandwidth

Procedure:

The channel Bandwidth is defined as the minimum declared bandwidth within which the transmitter's necessary bandwidth can be contained. The transmitter was adjusted to work at the selected channels. The Channel BW was measured at an amplitude level reduced from the reference level by the 20dB.

Occupied Bandwidth was measured as shown in the below.

The EUT was placed on a 0.8m high wooden table. An antenna was placed near the EUT and measurements of frequencies were recorded for reference during final measurements. Measurements were performed with the EUT rotated 360 degrees to determine worst-case orientation for maximum emissions.

→

The spectrum analyzer is set to:

Frequency Range = 88 ~ 108MHz

RBW = 10 kHz

VBW = 30 kHz

Trace = max hold

Detector function = Peak

Sweep = auto

Span = 300 kHz

Operating Condition: Transmit the maximum audio signal (modulation)

we played a song from the "V9m LE" with the maximum audio input.

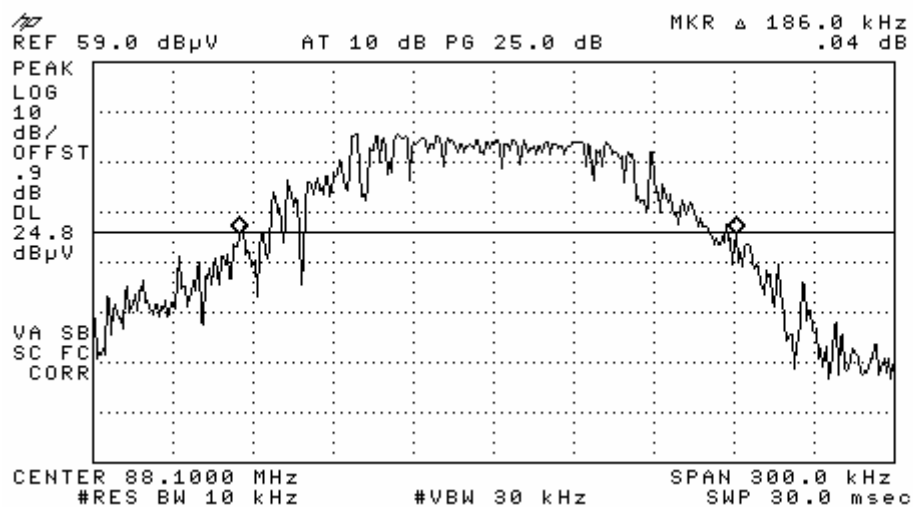
Measurement Data: **Complies**

Refer to the next page.

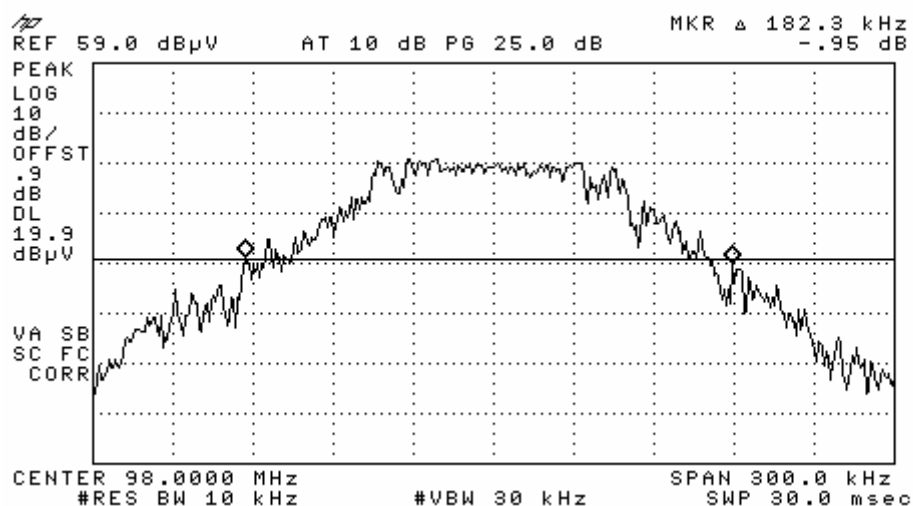
Minimum Standard:

Occupied Bandwidth < 200kHz.

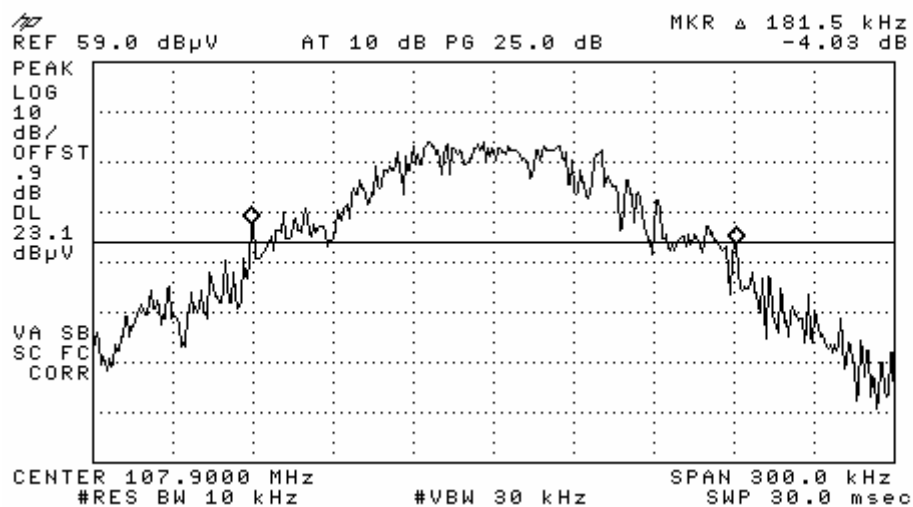
20 dB Occupied Bandwidth



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APPENDIX

TEST EQUIPMENT USED FOR TESTS

	Description	Model No.	Serial No.	Manufacturer	Next Cal. Date
1	Spectrum Analyzer	FSV-30	100757	R&S	Feb-11
2	Spectrum Analyzer	8563E	3425A02505	HP	Mar-11
3	Spectrum Analyzer	8594E	3710A04074	HP	Oct-10
4	Signal Generator	8648C	3623A02597	HP	Mar-11
5	Signal Generator	83711B	US34490456	HP	Mar-11
6	Attenuator (3dB)	8491A	37822	HP	Oct-10
7	Attenuator (10dB)	8491A	63196	HP	Oct-10
8	Attenuator (30dB)	8498A	1801A06689	HP	Oct-10
9	EMI Test Receiver	ESVD	843748/001	R&S	Mar-11
10	Horn Antenna(18 ~ 40GHz)	SAS-574	154	Schwarzbeck	Nov-10
11	Horn Antenna(18 ~ 40GHz)	SAS-574	155	Schwarzbeck	Nov-10
12	RF Amplifier	8447D	2949A02670	HP	Oct-10
13	RF Amplifier	8449B	3008A02126	HP	Mar-11
14	Test Receiver	ESHS10	828404/009	R&S	Mar-11
15	TRILOG Antenna	VULB 9160	9160-3212	SCHWARZBECK	Apr-11
16	Log.-Per. Antenna	VULP 9118	9118 A 401	SCHWARZBECK	Apr-11
17	Biconical Antenna	BBA 9106	VHA 9103-2315	SCHWARZBECK	Apr-11
18	Horn Antenna	3115	00055005	ETS LINDGREN	Mar-11
19	Horn Antenna	BBHA 9120D	9120D122	SCHWARZBECK	Dec-11
20	Dipole Antenna	VHA9103	2116	SCHWARZBECK	Nov-10
21	Dipole Antenna	VHA9103	2117	SCHWARZBECK	Nov-10
22	Dipole Antenna	VHA9105	2261	SCHWARZBECK	Nov-10
23	Dipole Antenna	VHA9105	2262	SCHWARZBECK	Nov-10
24	Hygro-Thermograph	THB-36	0041557-01	ISUZU	Mar-11
25	Splitter (SMA)	ZFSC-2-2500	SF617800326	Mini-Circuits	-
26	RF Switch	MP59B	6200414971	ANRITSU	-
27	Power Divider	11636A	6243	HP	Oct-10
28	DC Power Supply	6622A	3448A03079	HP	Oct-10
29	Frequency Counter	5342A	2826A12411	HP	Mar-11
30	Power Meter	EPM-441A	GB32481702	HP	Mar-11
31	Power Sensor	8481A	2702A64048	HP	Mar-11
32	Audio Analyzer	8903B	3729A18901	HP	Oct-10
33	Modulation Analyzer	8901B	3749A05878	HP	Oct-10
34	TEMP & HUMIDITY Chamber	YJ-500	LTAS06041	JinYoung Tech	Oct-10
35	LOOP-ANTENNA	FMZB 1516	151602/94	SCHWARZBECK	Mar-11
36	Stop Watch	HS-3	601Q09R	CASIO	Mar-11
37	LISN	ENV216	100408	R&S	Oct-10