

FCC PART 15C TEST REPORT FOR CERTIFICATION
On Behalf of

Bang & Olufsen a/s

Audio Converter Box

Model Number: BeoSound Core

FCC ID: TTUBSCORE

Prepared for:	Bang & Olufsen a/s
	Peter Bangs Vej 15, 7600 Struer, Denmark
Prepared By:	EST Technology Co., Ltd.
	San Tun Management Zone, Houjie District, Dongguan, China
Tel: 86-769-83081888-808	

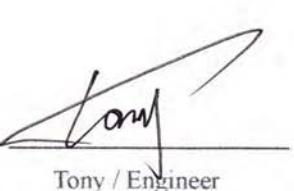
Report Number:	ESTE-R1707053
Date of Test:	May 03 ~ June 20, 2017
Date of Report:	July 12, 2017

TABLE OF CONTENTS

<u>Description</u>	<u>Page</u>
TEST REPORT VERIFICATION.....	3
1. GENERAL INFORMATION	5
1.1. Description of Device (EUT)	5
2. SUMMARY OF TEST	6
2.1. Summary of test result	6
2.2. Test Facilities	7
2.3. Assistant equipment used for test.....	8
2.4. Block Diagram	8
2.5. Test mode.....	9
2.6. Channel List for wifi	9
2.7. Test Equipment	10
3 POWER LINE CONDUCTED EMISSION TEST.....	11
3.1. Limit.....	11
3.2. Test Procedure.....	11
3.3. Test Result.....	11
3.4. Test data	12
4 RADIATED EMISSION TEST	16
4.1 Limit	16
4.2. Block Diagram of Test setup.....	17
4.3. Test Procedure.....	18
4.4. Test Result.....	18
4.5. Test Data	19
5 BAND EDGE COMPLIANCE TEST	41
5.1 Limit.....	41
5.2 Block Diagram of Test setup.....	41
5.3 Test Procedure.....	41
5.4 Test Result.....	41
5.5 Test Data	42
6 6dB & 20dB Bandwidth Test	66
6.1 Limit.....	66
6.2 Test Procedure for 6dB	66
6.3 Test Procedure for 20dB	66
6.4 Test Result.....	68
6.5 6dB Test Data.....	69
6.6 20dB Test Data.....	85
7 OUTPUT POWER TEST	101
7.1 Limit.....	101
7.2 Test Procedure.....	101
7.3 Test Result.....	102
7.4 Test Data	103
8 POWER SPECTRAL DENSITY TEST	119
8.1 Limit.....	119
8.2 Test Procedure.....	119
8.3 Test Result.....	120

8.4	Test Data	121
9	ANTENNA REQUIREMENTS	137
9.1	Limit.....	137
9.2	Result	137

EST Technology Co., Ltd.

Applicant:	Bang & Olufsen a/s		
Address:	Peter Bangs Vej 15, 7600 Struer, Denmark		
Manufacturer	Bang & Olufsen a/s		
Address:	Peter Bangs Vej 15, 7600 Struer, Denmark		
E.U.T:	Audio Converter Box		
Model Number:	BeoSound Core		
Power Supply:	DC 5V From USB Type C Adapter Input AC 100~240V 50/60Hz		
Test Voltage:	AC 120V/60Hz AC 240V/60Hz		
Trade Name:	Bang & Olufsen	Serial No.:	-----
Date of Receipt:	May 03, 2017	Date of Test:	May 03 ~ June 20, 2017
Test Specification:	FCC Rules and Regulations Part 15 Subpart C:2016 ANSI C63.10:2013		
Test Result:	The device described above is tested by EST Technology Co., Ltd.. The measurement results were contained in this test report and EST Technology Co., Ltd. was assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT to be technically compliance with the FCC Rules and Regulations Part 15 Subpart C requirements.		
This report applies to above tested sample only and shall not be reproduced in part without written approval of EST Technology Co., Ltd.			
Date: July 12, 2017			
Prepared by:	Reviewed by:	Approved by:	
		 Ice man Hu / Manager	
Other Aspects:			
None.			
Abbreviations: OK/P=passed fail F=failed n.a N=not applicable E.U.T=equipment under tested			
This test report is based on a single evaluation of one sample of above mentioned products .It is not permitted to be duplicated in extracts without written approval of EST Technology Co., Ltd.			

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

Product Name	:	Audio Converter Box											
Model Number	:	BeoSound Core											
FCC ID	:	TTUBSCORE											
Modulation	:	IEEE 802.11b mode: DSSS(CCK,QPSK, BPSK) IEEE 802.11g mode: OFDM (BPSK/QPSK/16QAM/64QAM) IEEE 802.11n HT20 mode: OFDM (BPSK/QPSK/16QAM/64QAM) IEEE 802.11n HT40 mode: OFDM (BPSK/QPSK/16QAM/64QAM)											
Operation Frequency	:	IEEE 802.11b/g: 2412 ~ 2462 MHz IEEE 802.11n HT20 : 2412 ~ 2462 MHz IEEE 802.11n HT40: 2422 ~ 2452 MHz											
Number of channel	:	IEEE 802.11b 2412 ~ 2462 MHz: 11 Channels IEEE 802.11g 2412 ~ 2462 MHz: 11 Channels IEEE 802.11n HT20 2412 ~ 2462 MHz: 11 Channels IEEE 802.11n HT20 2422 ~ 2452 MHz: 7 Channels											
Antenna	:	Integrated PCB antenna <table border="1"> <tr> <td>Frequency Range</td> <td>Antenna 0</td> <td>Antenna 1</td> </tr> <tr> <td>2400~2483.5 MHz</td> <td>3.7 dBi</td> <td>3.2 dBi</td> </tr> <tr> <td>5150~5875 MHz</td> <td>5.4 dBi</td> <td>5.8 dBi</td> </tr> </table> Directional gain: 6.46 dBi for 2.4G Band; 8.61 dBi for 5G Band. $\text{Directional gain} = 10 * \log[(10^{G1/20} + 10^{G2/20})^2 / N_{\text{ANT}}]$ Note: Bluetooth uses Antenna 0 11a,b,g,n uses Antenna 0 / Antenna 1 11n,ac uses MIMO			Frequency Range	Antenna 0	Antenna 1	2400~2483.5 MHz	3.7 dBi	3.2 dBi	5150~5875 MHz	5.4 dBi	5.8 dBi
Frequency Range	Antenna 0	Antenna 1											
2400~2483.5 MHz	3.7 dBi	3.2 dBi											
5150~5875 MHz	5.4 dBi	5.8 dBi											
Sample Type	:	Prototype production											

2. SUMMARY OF TEST

2.1. Summary of test result

Description of Test Item	Standard	Results
Power Line Conducted Emission	FCC Part 15: 15.207 ANSI C63.10:2013	PASS
Radiated Emission	FCC Part 15: 15.209 ANSI C63.10:2013 KDB 558074	PASS
Band Edge Compliance	FCC Part 15: 15.247 ANSI C63.10:2013 KDB 558074	PASS
Conducted spurious emissions	FCC Part 15: 15.247 ANSI C63.10:2013 KDB 558074	PASS
6dB Bandwidth	FCC Part 15: 15.247 ANSI C63.10:2013 KDB 558074	PASS
Peak Output Power	FCC Part 15: 15.247 ANSI C63.10:2013 KDB 558074	PASS
Power Spectral Density	FCC Part 15: 15.247 ANSI C63.10:2013 KDB 558074	PASS
Antenna requirement	FCC Part 15: 15.203	PASS
Note: KDB 558074 D01 DTS Meas Guidance v04		

2.2. Test Facilities

EMC Lab	:	Certificated by CNAS, CHINA Registration No.: L5288 Date of registration: November 13, 2014
		Certificated by FCC, USA Registration No.: 989591 Date of registration: November 15, 2016
		Certificated by Industry Canada Registration No.: 9405A-1 Date of registration: December 30, 2015
		Certificated by VCCI, Japan Registration No.: R-3663 & C-4103 Date of registration: July 25, 2011
		Certificated by TUV Rheinland, Germany Registration No.: UA 50195514 0001 Date of registration: January 07, 2011
		Certificated by TUV/PS, Shenzhen Registration No.: SCN1017 Date of registration: January 27, 2011
		Certificated by Intertek ETL SEMKO Registration No.: 2011-RTL-L1-18 Date of registration: April 28, 2011
		Certificated by Siemic, Inc. Registration No.: SLCN021 Date of registration: November 8, 2011
		Certificated by Nemko, Hong Kong Registration No.: 175193 Date of registration: May 4, 2011
Name of Firm	:	EST Technology Co., Ltd.
Site Location	:	San Tun Management Zone, Houjie Town, Dongguan, Guangdong, China

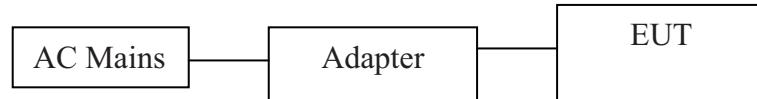
2.3. Assistant equipment used for test

2.3.1. USB Type C Adapter

M/N	:	DST450-303
Input	:	AC 100-240V ~ 50/60Hz 1.2A Max
Output	:	DC 5V/3.0A;DC 9V/3.0A;DC 15V3.0A

2.4. Block Diagram

For radiated emissions test: EUT was placed on a turn table, which is 0.8 or 1.5 meter high above ground. EUT was be set into Wi-Fi test mode by software before test.



(EUT: Audio Converter Box)

2.5. Test mode

A special test software was used to control EUT work in Continuous TX mode, and select test channel, wireless mode and data rate.

Test mode	Lower channel	Center channel	Upper channel
IEEE 802.11b;IEEE 802.11g;IEEE 802.11n HT20 Transmitting	2412MHz	2437MHz	2462MHz
IEEE 802.11b;IEEE 802.11g;IEEE 802.11n HT20 Receiving	2412MHz	2437MHz	2462MHz
IEEE 802.11n HT40 Transmitting	2422MHz	2437MHz	2452MHz
IEEE 802.11n HT40 Receiving	2422MHz	2437MHz	2452MHz

2.6. Channel List for wifi

IEEE 802.11b;IEEE 802.11g;IEEE 802.11n HT20					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2412	6	2437	11	2462
2	2417	7	2442		
3	2422	8	2447		
4	2427	9	2452		
5	2432	10	2457		
IEEE 802.11n HT40					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2422	4	2437	7	2452
2	2427	5	2442		
3	2432	6	2447		

2.7. Test Equipment

2.7.1. For conducted emission test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde & Schwarz	ESHS30	832354	June,28,16	1 Year
Artificial Mains Network	Rohde & Schwarz	ENV216	101260	June,28,16	1 Year
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	101100	June,28,16	1 Year

2.7.2. For radiated emission test(9 kHz-30MHz)

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde & Schwarz	ESCI	100435	June 25,16	1 Year
Loop Antenna	ETS-LINDGREN	6502	00071730	June 25,16	3 Year
RF Cable	MIYAZAKI	5D-2W	966 Chamber No.1	June 25,16	1 Year

2.7.3. For radiated emissions test (30-1000MHz)

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde & Schwarz	ESVS10	100004	June 25,16	1 Year
Spectrum Analyzer	Agilent	E4411B	MY50140697	June 25,16	1 Year
Bilog Antenna	Teseq	CBL 6111D	27090	June 28,15	3 Year
Signal Amplifier	Agilent	310N	187037	June 25,16	1 Year
RF Cable	MIYAZAKI	5D-2W	966 Chamber No.1	June 25,16	1 Year

2.7.4. For radiated emission test(above 1GHz)

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Horn Antenna	SCHWARZB ECK	BBHA 9120 D	BBHA9120D1 002	June 28,15	3 Year
Board-Band Horn Antenna	SCHWARZB ECK	BBHA 9170	9170-497	June 28,15	3 Year
Signal Amplifier	SCHWARZB ECK	BBV9718	9718-212	June 25,16	1 Year
Spectrum Analyzer	Agilent	E4408B	MY44211139	June 25,16	1 Year
Spectrum Analyzer	Rohde &Schwarz	FSV	103173	June 25,16	1 Year
RF Cable	Hubersuhner	RG 214/U	513423	June 25,16	1 Year

3 POWER LINE CONDUCTED EMISSION TEST

3.1. Limit

Frequency	Maximum RF Line Voltage	
	Quasi-Peak Level dB(μV)	Average Level dB(μV)
150kHz ~ 500kHz	66 ~ 56*	56 ~ 46*
500kHz ~ 5MHz	56	46
5MHz ~ 30MHz	60	50

Notes: 1. * Decreasing linearly with logarithm of frequency.

2. The lower limit shall apply at the transition frequencies.

3.2. Test Procedure

The EUT was placed on a non-metallic table, 10cm above the ground plane. The EUT Power connected to the power mains through a line impedance stabilization network (L.I.S.N. 1#). This provides a 50 ohm coupling impedance for the EUT (Please refer the block diagram of the test setup and photographs). The AC line are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to ANSI C63.10: 2013 on Conducted Emission Test.

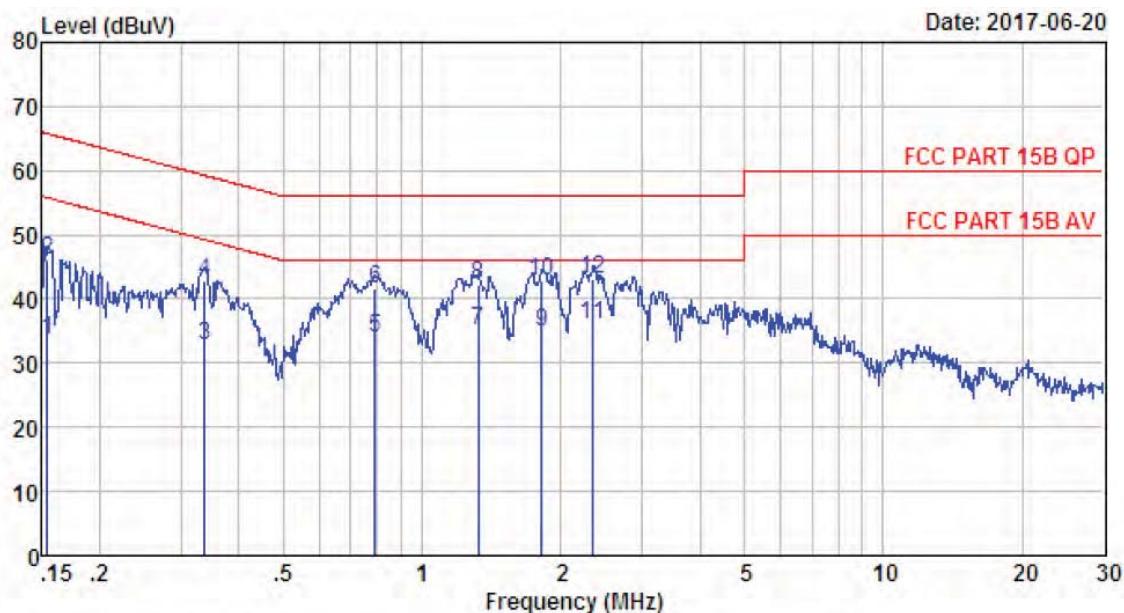
The bandwidth of test receiver (R & S ESHS30) is set at 10kHz.

The frequency range from 150kHz to 30MHz is checked.

3.3. Test Result

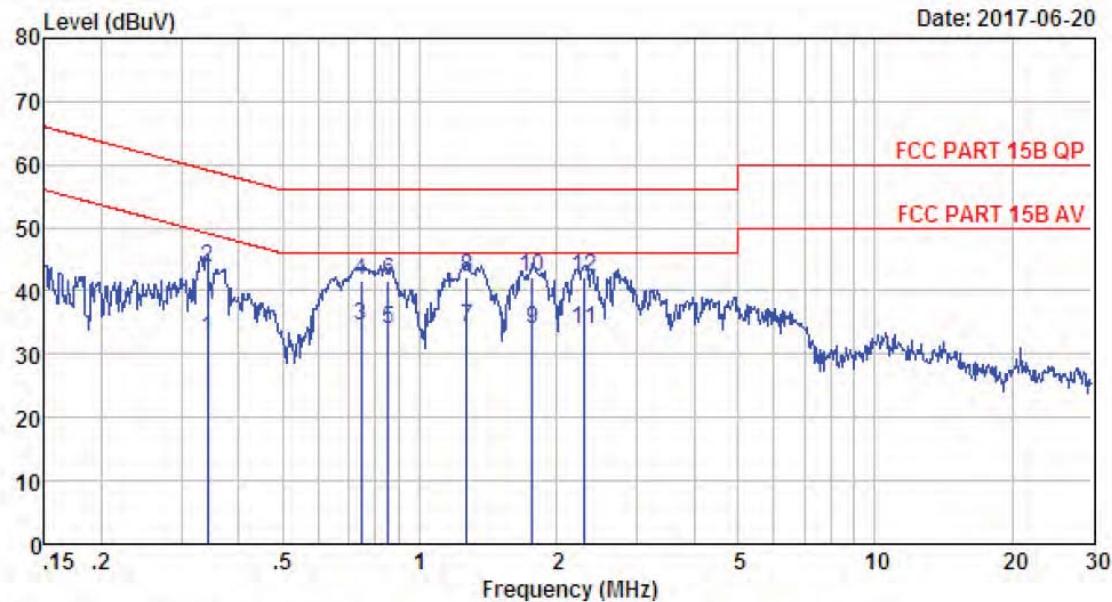
PASS.

3.4. Test data



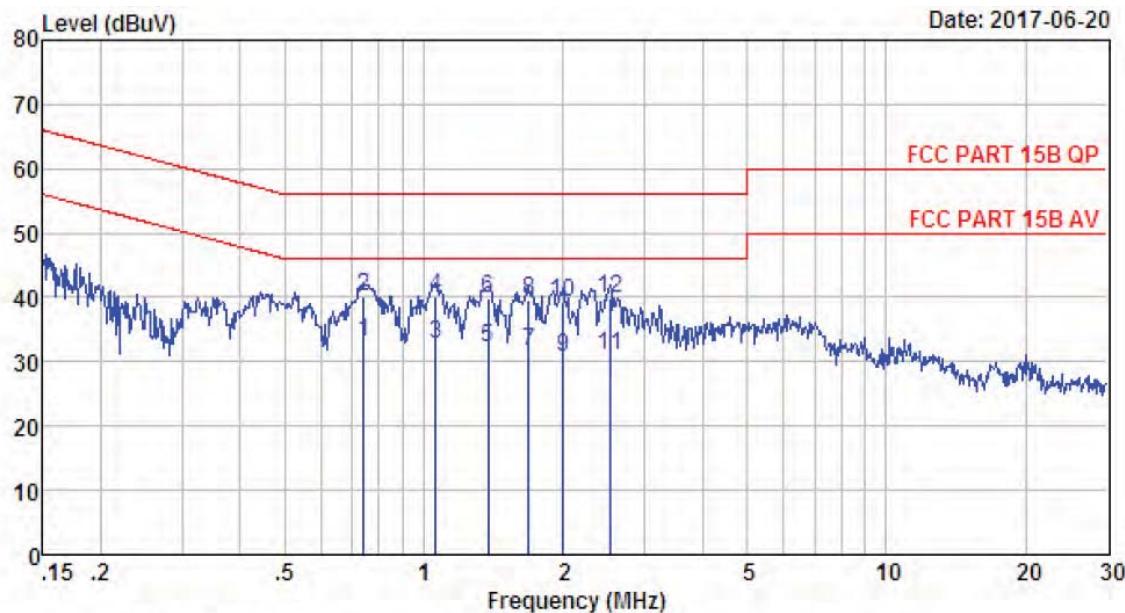
Site no : 844 Shield Room Data no. : 1293
 Env. / Ins. : Temp:24.3'C Humi:58% Press:101.50kPa LINE Phase : LINE
 Limit : FCC PART 15B QP
 Engineer : Tony
 EUT : Audio Converter Box
 Power : DC 5V From Adapter Input AC 240V/60Hz
 M/N : BeoSound Core
 Test Mode : TX Mode

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Emission Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.15	9.61	9.81	14.33	33.75	55.78	22.03	Average
2	0.15	9.61	9.81	26.63	46.05	65.78	19.73	QP
3	0.34	9.61	9.83	13.36	32.80	49.27	16.47	Average
4	0.34	9.61	9.83	23.34	42.78	59.27	16.49	QP
5	0.79	9.61	9.81	14.39	33.81	46.00	12.19	Average
6	0.79	9.61	9.81	22.25	41.67	56.00	14.33	QP
7	1.32	9.63	9.81	15.59	35.03	46.00	10.97	Average
8	1.32	9.63	9.81	22.78	42.22	56.00	13.78	QP
9	1.82	9.61	9.82	15.51	34.94	46.00	11.06	Average
10	1.82	9.61	9.82	23.28	42.71	56.00	13.29	QP
11	2.35	9.62	9.84	16.49	35.95	46.00	10.05	Average
12	2.35	9.62	9.84	23.61	43.07	56.00	12.93	QP



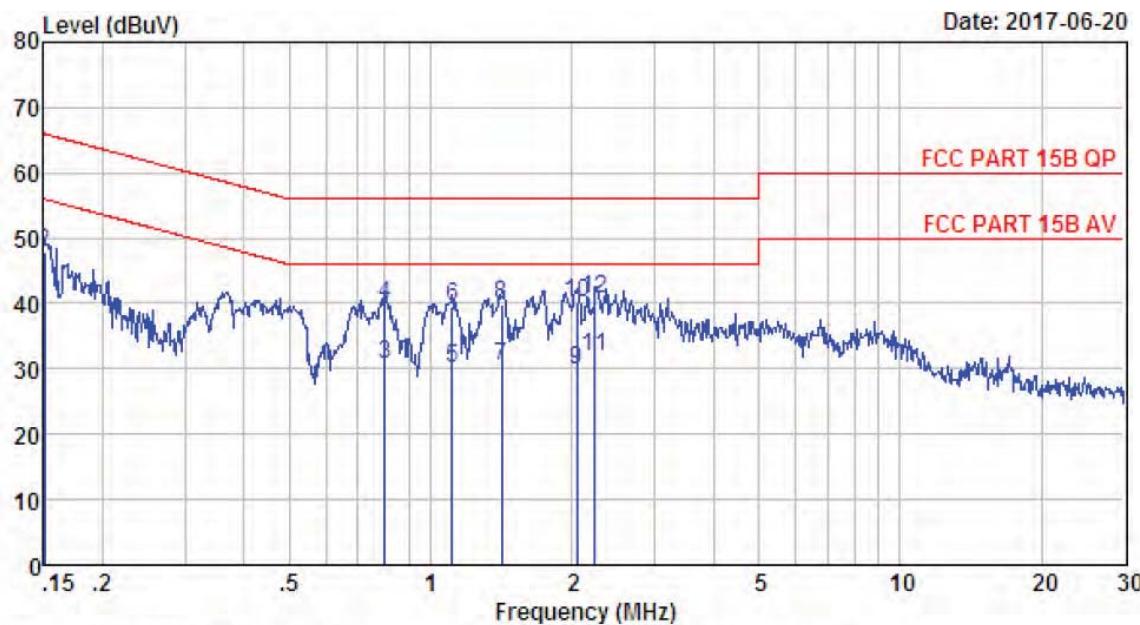
Site no : 844 Shield Room Data no. : 1295
 Env. / Ins. : Temp:24.3'C Humi:58% Press:101.50kPa LINE Phase : NEUTRAL
 Limit : FCC PART 15B QP
 Engineer : Tony
 EUT : Audio Converter Box
 Power : DC 5V From Adapter Input AC 240V/60Hz
 M/N : BeoSound Core
 Test Mode : TX Mode

Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Emission				Remark
			Reading (dBuV)	Level (dBuV)	Limits (dBuV)	Margin (dB)	
1 0.34	9.59	9.83	12.96	32.38	49.13	16.75	Average
2 0.34	9.59	9.83	24.34	43.76	59.13	15.37	QP
3 0.74	9.63	9.81	15.22	34.66	46.00	11.34	Average
4 0.74	9.63	9.81	22.31	41.75	56.00	14.25	QP
5 0.85	9.62	9.82	14.59	34.03	46.00	11.97	Average
6 0.85	9.62	9.82	22.09	41.53	56.00	14.47	QP
7 1.27	9.61	9.83	14.66	34.10	46.00	11.90	Average
8 1.27	9.61	9.83	22.88	42.32	56.00	13.68	QP
9 1.77	9.62	9.81	14.37	33.80	46.00	12.20	Average
10 1.77	9.62	9.81	22.72	42.15	56.00	13.85	QP
11 2.30	9.62	9.84	14.42	33.88	46.00	12.12	Average
12 2.30	9.62	9.84	22.63	42.09	56.00	13.91	QP



Site no : 844 Shield Room Data no. : 1297
 Env. / Ins. : Temp:24.3'C Humi:58% Press:101.50kPa LINE Phase : NEUTRAL
 Limit : FCC PART 15B QP
 Engineer : Tony
 EUT : Audio Converter Box
 Power : DC 5V From Adapter Input AC 120V/60Hz
 M/N : BeoSound Core
 Test Mode : TX Mode

Freq. (MHz)	LISN		Cable		Emission		Margin (dB)	Remark
	Factor (dB)	Loss (dB)	Reading (dBuV)	Level (dBuV)	Limits (dBuV)			
1	0.74	9.63	9.81	13.73	33.17	46.00	12.83	Average
2	0.74	9.63	9.81	20.57	40.01	56.00	15.99	QP
3	1.06	9.61	9.84	13.35	32.80	46.00	13.20	Average
4	1.06	9.61	9.84	20.62	40.07	56.00	15.93	QP
5	1.37	9.61	9.82	12.68	32.11	46.00	13.89	Average
6	1.37	9.61	9.82	20.29	39.72	56.00	16.28	QP
7	1.69	9.62	9.83	12.24	31.69	46.00	14.31	Average
8	1.69	9.62	9.83	20.04	39.49	56.00	16.51	QP
9	2.00	9.62	9.83	11.13	30.58	46.00	15.42	Average
10	2.00	9.62	9.83	19.85	39.30	56.00	16.70	QP
11	2.53	9.63	9.85	11.43	30.91	46.00	15.09	Average
12	2.53	9.63	9.85	20.37	39.85	56.00	16.15	QP



Site no : 844 Shield Room Data no. : 1299
 Env. / Ins. : Temp:24.3'C Humi:58% Press:101.50kPa LINE Phase : LINE
 Limit : FCC PART 15B QP
 Engineer : Tony
 EUT : Audio Converter Box
 Power : DC 5V From Adapter Input AC 120V/60Hz
 M/N : BeoSound Core
 Test Mode : TX Mode

	LISN	Cable	Emission				
Freq. (MHz)	Factor (dB)	Loss (dB)	Reading (dBuV)	Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.15	9.61	9.81	12.13	31.55	56.00	Average
2	0.15	9.61	9.81	28.41	47.83	66.00	QP
3	0.80	9.61	9.81	11.28	30.70	46.00	Average
4	0.80	9.61	9.81	20.39	39.81	56.00	QP
5	1.11	9.64	9.82	10.75	30.21	46.00	Average
6	1.11	9.64	9.82	20.00	39.46	56.00	QP
7	1.42	9.62	9.82	11.03	30.47	46.00	Average
8	1.42	9.62	9.82	20.42	39.86	56.00	QP
9	2.04	9.61	9.84	10.34	29.79	46.00	Average
10	2.04	9.61	9.84	20.81	40.26	56.00	QP
11	2.24	9.61	9.84	12.51	31.96	46.00	Average
12	2.24	9.61	9.84	21.16	40.61	56.00	QP

4 RADIATED EMISSION TEST

4.1 Limit

All the emissions appearing within 15.205 restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions shall be at least 20dB below the fundamental emissions, or comply with 15.209 limits.

15.205 Restricted frequency band

MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
¹ 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	(²)

15.209 Limit

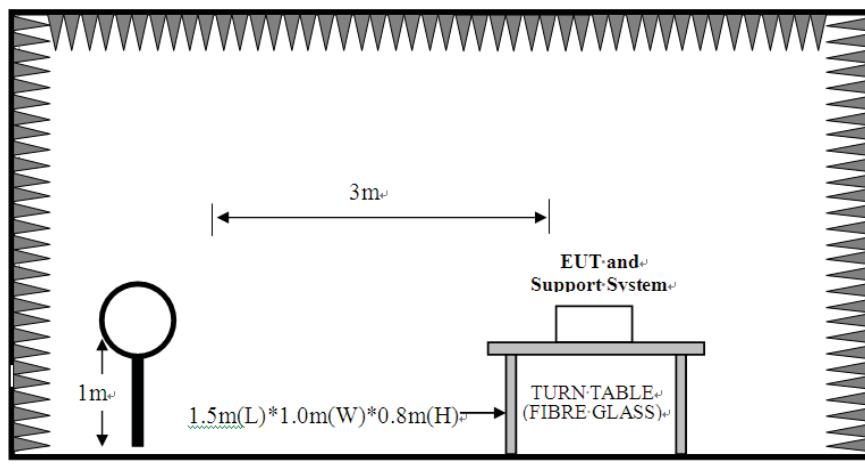
Frequency (MHz)	Field strength (μ V/m)	Distance (m)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

Remark : (1) Emission level dB μ V = 20 log Emission level μ V/m

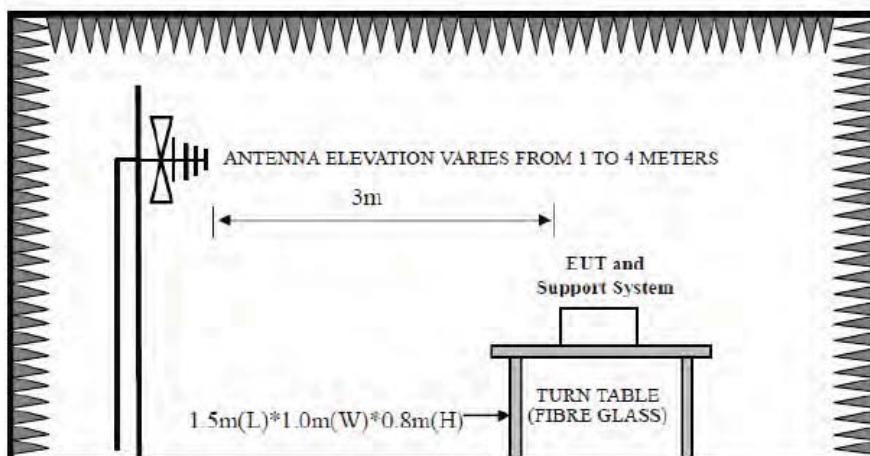
- (2) The smaller limit shall apply at the cross point between two frequency bands.
- (3) Distance is the distance in meters between the measuring instrument, antenna and the closest point of any part of the device or system.

4.2. Block Diagram of Test setup

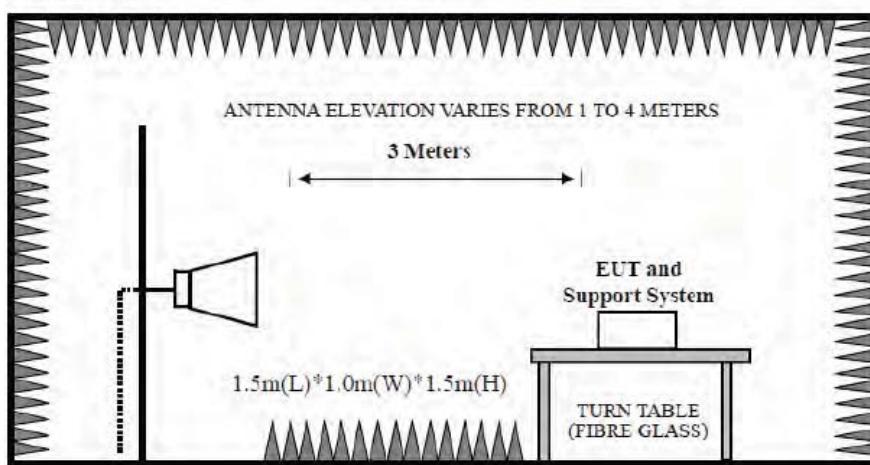
9kHz~30MHz



30~1000MHz



Above 1GHz



4.3. Test Procedure

EUT was placed on a turn table, which is 0.8 meter high above ground for 9kHz~1000MHz test, and which is 1.5 meter high above ground for above 1GHz test. The turn table can rotate 360 degrees to determine the position of the maximum emission level. Power on the EUT and let it work in test mode, then test it. EUT is set 3 meters away from the receiving antenna, which is mounted on an antenna tower. The antenna can be moved up and down between 1 meter and 4 meters to find out the maximum emission level. Both horizontal and vertical polarization of the antenna are set on test.

The test frequency analyzer system was set to Peak Detect (300Hz RBW in 9kHz to 150kHz and 10kHz RBW in 150kHz to 30MHz) Function and Specified Bandwidth with Maximum Hold Mode.

The bandwidth of the EMI test receiver (R&S ESVS10) is set at 120kHz for frequency range from 30MHz to 1000 MHz.

The bandwidth of the Spectrum's VBW is set at 1MHz and RBW is set at 1MHz for peak emissions measurement above 1GHz and 1MHz RBW, 10Hz VBW for average emissions measurement above 1GHz

PEAK detector, 1MHz/1MHz for PAEK measurement,

PEAK detector, 1MHz/10Hz for Average measurement

The frequency range from 30MHz to 10th harmonic (25GHz) are checked.

4.4. Test Result

PASS.

Note: 1、For emissions above 1GHz, if peak level comply with average limit, then the average level is deemed to comply with average limit.

- 2、The frequency 2412MHz 、 2437MHz and 2462 MHz is fundamental frequency which no limit, the limit on plots is automatically generated by the software, it's not fundamental limit, we can't remove it.

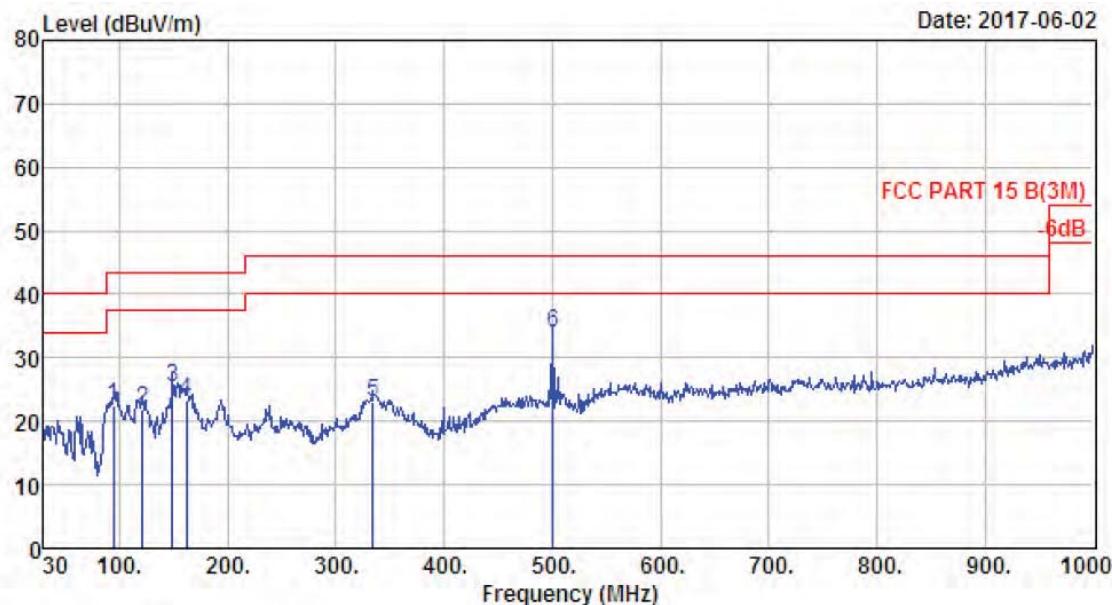
4.5. Test Data

9 kHz – 30 MHz

Pass

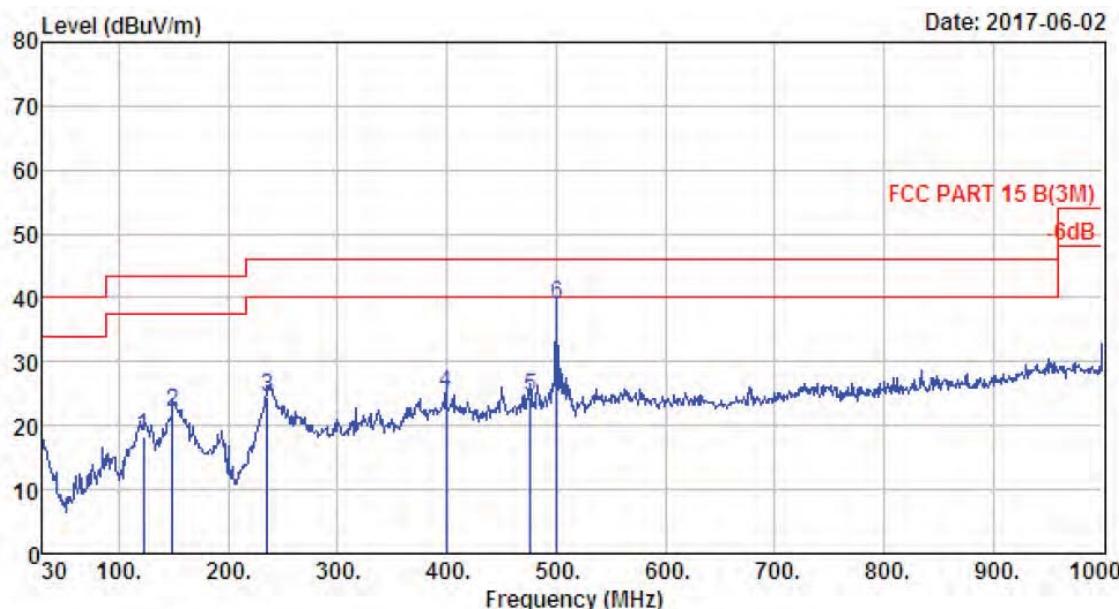
Note: The amplitude of spurious emission that is attenuated by more than 20dB below the permissible limit has no need to be reported.

30-1000 MHz



Site no. : 1# 966 Chamber Data no. : 871
 Dis. / Ant. : 3m 27137 Ant. pol. : VERTICAL
 Limit : FCC PART 15 B (3M)
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : Audio Converter Box
 Power : DC 5V From Adapter Input AC 120V/60Hz
 M/N : BeoSound Core
 Test Mode : TX Mode

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	94.020	8.74	1.28	12.44	22.46	43.50	21.04	QP
2	121.180	11.20	1.40	9.17	21.77	43.50	21.73	QP
3	149.310	10.93	1.65	12.78	25.36	43.50	18.14	QP
4	161.920	10.12	1.69	11.55	23.36	43.50	20.14	QP
5	334.580	13.99	2.50	6.43	22.92	46.00	23.08	QP
6	500.450	17.88	3.11	13.04	34.03	46.00	11.97	QP



Site no. : 1# 966 Chamber Data no. : 872
 Dis. / Ant. : 3m 27137 Ant. pol. : HORIZONTAL
 Limit : FCC PART 15 B(3M)
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : Audio Converter Box
 Power : DC 5V From Adapter Input AC 120V/60Hz
 M/N : BeoSound Core
 Test Mode : TX Mode

Freq. (MHz)	ANT	Cable	Emission				Remark
	Factor (dB/m)	Loss (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	
1 122.150	11.24	1.45	5.65	18.34	43.50	25.16	QP
2 149.310	10.93	1.65	9.60	22.18	43.50	21.32	QP
3 235.640	9.80	2.09	12.48	24.37	46.00	21.63	QP
4 399.570	16.05	2.67	6.41	25.13	46.00	20.87	QP
5 476.200	17.35	3.01	4.08	24.44	46.00	21.56	QP
6 500.450	17.88	3.11	17.87	38.86	46.00	7.14	QP

1000-18000 MHz

Site no. : 1# 966 Chamber Data no. : 615
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : Audio Converter Box
 Power : DC 5V From Adapter Input AC 120V/60Hz
 M/N : BeoSound Core
 Test Mode : IEEE 802.11b CH1 2412TX
 Antenna a

		Ant.	Cable	Amp	Emission				
Freq.	Factor	Loss	Factor	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		
1	2412.00	27.60	6.64	34.64	94.96	94.56	74.00	-20.56	Peak
2	4824.00	31.28	11.84	35.66	32.39	39.85	74.00	34.15	Peak
3	7236.00	36.53	11.55	33.99	28.51	42.60	74.00	31.40	Peak
4	9245.00	37.83	11.58	34.37	29.26	44.30	74.00	29.70	Peak
5	10214.00	38.48	11.47	34.50	28.66	44.11	74.00	29.89	Peak
6	14090.00	41.54	10.91	33.13	25.13	44.45	74.00	29.55	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

Site no. : 1# 966 Chamber Data no. : 616
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : Audio Converter Box
 Power : DC 5V From Adapter Input AC 120V/60Hz
 M/N : BeoSound Core
 Test Mode : IEEE 802.11b CH1 2412TX
 Antenna a

		Ant.	Cable	Amp	Emission				
Freq.	Factor	Loss	Factor	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		
1	2412.00	27.60	6.64	34.64	93.22	92.82	74.00	-18.82	Peak
2	4824.00	31.28	11.84	35.66	31.59	39.05	74.00	34.95	Peak
3	7236.00	36.53	11.55	33.99	28.29	42.38	74.00	31.62	Peak
4	8684.00	37.32	11.45	33.66	28.69	43.80	74.00	30.20	Peak
5	11404.00	39.25	10.99	33.57	27.71	44.38	74.00	29.62	Peak
6	13665.00	40.55	11.30	32.75	25.34	44.44	74.00	29.56	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

Site no. : 1# 966 Chamber Data no. : 617
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : Audio Converter Box
 Power : DC 5V From Adapter Input AC 120V/60Hz
 M/N : BeoSound Core
 Test Mode : IEEE 802.11b CH6 2437TX
 Antenna a

Freq. (MHz)	Ant.	Cable	Amp	Emission			Margin (dB)	Remark
	Factor (dB/m)	Loss (dB)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)		
1 2437.00	27.60	6.67	34.85	92.88	92.30	74.00	-18.30	Peak
2 4874.00	31.37	12.07	35.76	30.96	38.64	74.00	35.36	Peak
3 7311.00	36.55	11.57	34.12	28.23	42.23	74.00	31.77	Peak
4 8684.00	37.32	11.45	33.66	28.00	43.11	74.00	30.89	Peak
5 10775.00	39.28	11.30	34.02	26.24	42.80	74.00	31.20	Peak
6 14056.00	41.51	10.90	33.06	24.46	43.81	74.00	30.19	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

Site no. : 1# 966 Chamber Data no. : 618
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : Audio Converter Box
 Power : DC 5V From Adapter Input AC 120V/60Hz
 M/N : BeoSound Core
 Test Mode : IEEE 802.11b CH6 2437TX
 Antenna a

Freq. (MHz)	Ant.	Cable	Amp	Emission			Margin (dB)	Remark
	Factor (dB/m)	Loss (dB)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)		
1 2437.00	27.60	6.67	34.85	94.11	93.53	74.00	-19.53	Peak
2 4874.00	31.37	12.07	35.76	30.41	38.09	74.00	35.91	Peak
3 7311.00	36.55	11.57	34.12	29.08	43.08	74.00	30.92	Peak
4 8684.00	37.32	11.45	33.66	28.73	43.84	74.00	30.16	Peak
5 11200.00	39.39	11.14	33.24	26.92	44.21	74.00	29.79	Peak
6 13529.00	40.16	11.46	32.62	25.04	44.04	74.00	29.96	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

Site no. : 1# 966 Chamber Data no. : 619
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : Audio Converter Box
 Power : DC 5V From Adapter Input AC 120V/60Hz
 M/N : BeoSound Core
 Test Mode : IEEE 802.11b CH11 2462TX
 Antenna a

Freq. (MHz)	Ant.	Cable	Amp	Emission			Margin (dB)	Remark
	Factor (dB/m)	Loss (dB)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)		
1 2462.00	27.58	6.69	34.98	94.49	93.78	74.00	-19.78	Peak
2 4924.00	31.45	12.29	35.91	31.20	39.03	74.00	34.97	Peak
3 7386.00	36.57	11.59	34.23	27.77	41.70	74.00	32.30	Peak
4 8650.00	37.32	11.45	33.66	28.30	43.41	74.00	30.59	Peak
5 10996.00	39.52	11.29	34.11	26.40	43.10	74.00	30.90	Peak
6 13546.00	40.21	11.44	32.61	24.91	43.95	74.00	30.05	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

Site no. : 1# 966 Chamber Data no. : 620
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : Audio Converter Box
 Power : DC 5V From Adapter Input AC 120V/60Hz
 M/N : BeoSound Core
 Test Mode : IEEE 802.11b CH11 2462TX
 Antenna a

Freq. (MHz)	Ant.	Cable	Amp	Emission			Margin (dB)	Remark
	Factor (dB/m)	Loss (dB)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)		
1 2462.00	27.58	6.69	34.98	92.94	92.23	74.00	-18.23	Peak
2 4924.00	31.45	12.29	35.91	29.64	37.47	74.00	36.53	Peak
3 7386.00	36.57	11.59	34.23	27.36	41.29	74.00	32.71	Peak
4 8650.00	37.27	11.45	33.68	27.75	42.79	74.00	31.21	Peak
5 11370.00	39.28	11.02	33.51	26.70	43.49	74.00	30.51	Peak
6 14090.00	41.54	10.91	33.13	23.73	43.05	74.00	30.95	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

Site no. : 1# 966 Chamber Data no. : 639
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : Audio Converter Box
 Power : DC 5V From Adapter Input AC 120V/60Hz
 M/N : BeoSound Core
 Test Mode : IEEE 802.11b CH1 2412TX
 Antenna b

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2412.00	27.60	6.64	34.64	93.83	93.43	74.00	-19.43	Peak
2	4824.00	31.28	11.84	35.66	32.58	40.04	74.00	33.96	Peak
3	7236.00	36.53	11.55	33.99	26.98	41.07	74.00	32.93	Peak
4	9330.00	37.97	11.62	34.68	27.76	42.67	74.00	31.33	Peak
5	11234.00	39.37	11.12	33.25	25.76	43.00	74.00	31.00	Peak
6	14056.00	41.51	10.90	33.06	24.12	43.47	74.00	30.53	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

Site no. : 1# 966 Chamber Data no. : 640
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : Audio Converter Box
 Power : DC 5V From Adapter Input AC 120V/60Hz
 M/N : BeoSound Core
 Test Mode : IEEE 802.11b CH1 2412TX
 Antenna b

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2412.00	27.60	6.64	34.64	92.62	92.22	74.00	-18.22	Peak
2	4824.00	31.28	11.84	35.66	30.11	37.57	74.00	36.43	Peak
3	7236.00	36.53	11.55	33.99	28.03	42.12	74.00	31.88	Peak
4	8650.00	37.27	11.45	33.68	27.40	42.44	74.00	31.56	Peak
5	10690.00	39.18	11.30	34.22	27.01	43.27	74.00	30.73	Peak
6	13614.00	40.40	11.36	32.68	25.19	44.27	74.00	29.73	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

Site no. : 1# 966 Chamber Data no. : 641
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : Audio Converter Box
 Power : DC 5V From Adapter Input AC 120V/60Hz
 M/N : BeoSound Core
 Test Mode : IEEE 802.11b CH6 2437TX
 Antenna b

		Ant.	Cable	Amp	Emission				
Freq.	Factor	Loss	Factor	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		
1	2437.00	27.60	6.67	34.85	91.79	91.21	74.00	-17.21	Peak
2	4874.00	31.37	12.07	35.76	29.44	37.12	74.00	36.88	Peak
3	7311.00	36.55	11.57	34.12	28.05	42.05	74.00	31.95	Peak
4	8684.00	37.32	11.45	33.66	27.72	42.83	74.00	31.17	Peak
5	10860.00	39.37	11.30	34.03	26.50	43.14	74.00	30.86	Peak
6	14056.00	41.51	10.90	33.06	25.32	44.67	74.00	29.33	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

Site no. : 1# 966 Chamber Data no. : 642
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : Audio Converter Box
 Power : DC 5V From Adapter Input AC 120V/60Hz
 M/N : BeoSound Core
 Test Mode : IEEE 802.11b CH6 2437TX
 Antenna b

		Ant.	Cable	Amp	Emission				
Freq.	Factor	Loss	Factor	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		
1	2437.00	27.60	6.67	34.85	93.23	92.65	74.00	-18.65	Peak
2	4874.00	31.37	12.07	35.76	30.20	37.88	74.00	36.12	Peak
3	7311.00	36.55	11.57	34.12	29.17	43.17	74.00	30.83	Peak
4	8650.00	37.27	11.45	33.68	28.81	43.85	74.00	30.15	Peak
5	11404.00	39.25	10.99	33.57	26.41	43.08	74.00	30.92	Peak
6	13580.00	40.31	11.40	32.64	24.40	43.47	74.00	30.53	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

Site no. : 1# 966 Chamber Data no. : 643
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : Audio Converter Box
 Power : DC 5V From Adapter Input AC 120V/60Hz
 M/N : BeoSound Core
 Test Mode : IEEE 802.11b CH11 2462TX
 Antenna b

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.00	27.58	6.69	34.98	94.27	93.56	74.00	-19.56	Peak
2	4924.00	31.45	12.29	35.91	28.74	36.57	74.00	37.43	Peak
3	7386.00	36.57	11.59	34.23	28.30	42.23	74.00	31.77	Peak
4	8684.00	37.32	11.45	33.66	27.63	42.74	74.00	31.26	Peak
5	11166.00	39.41	11.17	33.31	26.05	43.32	74.00	30.68	Peak
6	13886.00	41.16	11.04	33.03	25.01	44.18	74.00	29.82	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

Site no. : 1# 966 Chamber Data no. : 644
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : Audio Converter Box
 Power : DC 5V From Adapter Input AC 120V/60Hz
 M/N : BeoSound Core
 Test Mode : IEEE 802.11b CH11 2462TX
 Antenna b

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.00	27.58	6.69	34.98	92.81	92.10	74.00	-18.10	Peak
2	4924.00	31.45	12.29	35.91	29.39	37.22	74.00	36.78	Peak
3	7386.00	36.57	11.59	34.23	29.34	43.27	74.00	30.73	Peak
4	8735.00	37.40	11.45	33.76	28.61	43.70	74.00	30.30	Peak
5	10214.00	38.48	11.47	34.50	28.25	43.70	74.00	30.30	Peak
6	13920.00	41.26	11.00	33.00	24.45	43.71	74.00	30.29	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

Site no. : 1# 966 Chamber Data no. : 621
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : Audio Converter Box
 Power : DC 5V From Adapter Input AC 120V/60Hz
 M/N : BeoSound Core
 Test Mode : IEEE 802.11g CH1 2412TX
 Antenna a

		Ant.	Cable	Amp	Emission			
Freq.	Factor	Loss	Factor	Reading	Level	Limits	Margin	Remark
(MHz)	(dB/m)	(dB)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	2412.00	27.60	6.64	34.64	93.94	93.54	74.00	-19.54 Peak
2	4824.00	31.28	11.84	35.66	29.20	36.66	74.00	37.34 Peak
3	7236.00	36.53	11.55	33.99	27.37	41.46	74.00	32.54 Peak
4	8684.00	37.32	11.45	33.66	27.64	42.75	74.00	31.25 Peak
5	10146.00	38.36	11.51	34.58	27.72	43.01	74.00	30.99 Peak
6	14124.00	41.57	10.91	33.22	24.46	43.72	74.00	30.28 Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

Site no. : 1# 966 Chamber Data no. : 622
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : Audio Converter Box
 Power : DC 5V From Adapter Input AC 120V/60Hz
 M/N : BeoSound Core
 Test Mode : IEEE 802.11g CH1 2412TX
 Antenna a

		Ant.	Cable	Amp	Emission			
Freq.	Factor	Loss	Factor	Reading	Level	Limits	Margin	Remark
(MHz)	(dB/m)	(dB)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	2412.00	27.60	6.64	34.64	92.58	92.18	74.00	-18.18 Peak
2	4824.00	31.28	11.84	35.66	29.71	37.17	74.00	36.83 Peak
3	7236.00	36.53	11.55	33.99	28.17	42.26	74.00	31.74 Peak
4	8684.00	37.32	11.45	33.66	28.18	43.29	74.00	30.71 Peak
5	11200.00	39.39	11.14	33.24	26.22	43.51	74.00	30.49 Peak
6	14345.00	41.76	10.92	33.39	24.42	43.71	74.00	30.29 Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

Site no. : 1# 966 Chamber Data no. : 623
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : Audio Converter Box
 Power : DC 5V From Adapter Input AC 120V/60Hz
 M/N : BeoSound Core
 Test Mode : IEEE 802.11g CH6 2437TX
 Antenna a

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2437.00	27.60	6.67	34.85	93.32	92.74	74.00	-18.74	Peak
2	4874.00	31.37	12.07	35.76	29.91	37.59	74.00	36.41	Peak
3	7311.00	36.55	11.57	34.12	28.50	42.50	74.00	31.50	Peak
4	9126.00	37.62	11.52	34.09	28.28	43.33	74.00	30.67	Peak
5	10894.00	39.41	11.29	34.05	26.79	43.44	74.00	30.56	Peak
6	13580.00	40.31	11.40	32.64	24.15	43.22	74.00	30.78	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

Site no. : 1# 966 Chamber Data no. : 624
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : Audio Converter Box
 Power : DC 5V From Adapter Input AC 120V/60Hz
 M/N : BeoSound Core
 Test Mode : IEEE 802.11g CH6 2437TX
 Antenna a

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2437.00	27.60	6.67	34.85	93.37	92.79	74.00	-18.79	Peak
2	4874.00	31.37	12.07	35.76	28.14	35.82	74.00	38.18	Peak
3	7311.00	36.55	11.57	34.12	27.64	41.64	74.00	32.36	Peak
4	8990.00	37.41	11.46	34.40	27.95	42.42	74.00	31.58	Peak
5	10996.00	39.52	11.29	34.11	27.62	44.32	74.00	29.68	Peak
6	13546.00	40.21	11.44	32.61	25.40	44.44	74.00	29.56	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

Site no. : 1# 966 Chamber Data no. : 625
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : Audio Converter Box
 Power : DC 5V From Adapter Input AC 120V/60Hz
 M/N : BeoSound Core
 Test Mode : IEEE 802.11g CH11 2462TX
 Antenna a

		Ant.	Cable	Amp	Emission			
Freq.	Factor	Loss	Factor	Reading	Level	Limits	Margin	Remark
(MHz)	(dB/m)	(dB)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	2462.00	27.58	6.69	34.98	93.22	92.51	74.00	-18.51 Peak
2	4924.00	31.45	12.29	35.91	29.63	37.46	74.00	36.54 Peak
3	7386.00	36.57	11.59	34.23	28.04	41.97	74.00	32.03 Peak
4	8684.00	37.32	11.45	33.66	27.54	42.65	74.00	31.35 Peak
5	11285.00	39.33	11.08	33.32	26.09	43.18	74.00	30.82 Peak
6	13546.00	40.21	11.44	32.61	23.86	42.90	74.00	31.10 Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

Site no. : 1# 966 Chamber Data no. : 626
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : Audio Converter Box
 Power : DC 5V From Adapter Input AC 120V/60Hz
 M/N : BeoSound Core
 Test Mode : IEEE 802.11g CH11 2462TX
 Antenna a

		Ant.	Cable	Amp	Emission			
Freq.	Factor	Loss	Factor	Reading	Level	Limits	Margin	Remark
(MHz)	(dB/m)	(dB)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	2462.00	27.58	6.69	34.98	92.27	91.56	74.00	-17.56 Peak
2	4924.00	31.45	12.29	35.91	29.78	37.61	74.00	36.39 Peak
3	7386.00	36.57	11.59	34.23	28.64	42.57	74.00	31.43 Peak
4	8684.00	37.32	11.45	33.66	27.84	42.95	74.00	31.05 Peak
5	11064.00	39.48	11.24	33.83	25.82	42.71	74.00	31.29 Peak
6	13580.00	40.31	11.40	32.64	25.21	44.28	74.00	29.72 Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

Site no. : 1# 966 Chamber Data no. : 645
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : Audio Converter Box
 Power : DC 5V From Adapter Input AC 120V/60Hz
 M/N : BeoSound Core
 Test Mode : IEEE 802.11g CH1 2412TX
 Antenna b

		Ant.	Cable	Amp	Emission			
Freq.	Factor	Loss	Factor	Reading	Level	Limits	Margin	Remark
(MHz)	(dB/m)	(dB)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	2412.00	27.60	6.64	34.64	92.20	91.80	74.00	-17.80 Peak
2	4824.00	31.28	11.84	35.66	30.61	38.07	74.00	35.93 Peak
3	7236.00	36.53	11.55	33.99	27.48	41.57	74.00	32.43 Peak
4	8684.00	37.32	11.45	33.66	27.54	42.65	74.00	31.35 Peak
5	10996.00	39.52	11.29	34.11	26.70	43.40	74.00	30.60 Peak
6	13325.00	39.66	11.48	32.94	25.26	43.46	74.00	30.54 Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

Site no. : 1# 966 Chamber Data no. : 646
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : Audio Converter Box
 Power : DC 5V From Adapter Input AC 120V/60Hz
 M/N : BeoSound Core
 Test Mode : IEEE 802.11g CH1 2412TX
 Antenna b

		Ant.	Cable	Amp	Emission			
Freq.	Factor	Loss	Factor	Reading	Level	Limits	Margin	Remark
(MHz)	(dB/m)	(dB)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	2412.00	27.60	6.64	34.64	92.77	92.37	74.00	-18.37 Peak
2	4824.00	31.28	11.84	35.66	29.89	37.35	74.00	36.65 Peak
3	7236.00	36.53	11.55	33.99	28.01	42.10	74.00	31.90 Peak
4	8684.00	37.32	11.45	33.66	27.47	42.58	74.00	31.42 Peak
5	11234.00	39.37	11.12	33.25	26.00	43.24	74.00	30.76 Peak
6	14124.00	41.57	10.91	33.22	25.02	44.28	74.00	29.72 Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

Site no. : 1# 966 Chamber Data no. : 647
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : Audio Converter Box
 Power : DC 5V From Adapter Input AC 120V/60Hz
 M/N : BeoSound Core
 Test Mode : IEEE 802.11g CH6 2437TX
 Antenna b

		Ant.	Cable	Amp	Emission			
Freq.	Factor	Loss	Factor	Reading	Level	Limits	Margin	Remark
(MHz)	(dB/m)	(dB)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	2437.00	27.60	6.67	34.85	92.99	92.41	74.00	-18.41 Peak
2	4874.00	31.37	12.07	35.76	30.66	38.34	74.00	35.66 Peak
3	7311.00	36.55	11.57	34.12	27.73	41.73	74.00	32.27 Peak
4	8514.00	36.96	11.45	34.07	29.00	43.34	74.00	30.66 Peak
5	10894.00	39.41	11.29	34.05	26.95	43.60	74.00	30.40 Peak
6	14039.00	41.49	10.90	33.04	24.88	44.23	74.00	29.77 Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

Site no. : 1# 966 Chamber Data no. : 648
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : Audio Converter Box
 Power : DC 5V From Adapter Input AC 120V/60Hz
 M/N : BeoSound Core
 Test Mode : IEEE 802.11g CH6 2437TX
 Antenna b

		Ant.	Cable	Amp	Emission			
Freq.	Factor	Loss	Factor	Reading	Level	Limits	Margin	Remark
(MHz)	(dB/m)	(dB)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	2437.00	27.60	6.67	34.85	92.36	91.78	74.00	-17.78 Peak
2	4874.00	31.37	12.07	35.76	31.73	39.41	74.00	34.59 Peak
3	7311.00	36.55	11.57	34.12	28.86	42.86	74.00	31.14 Peak
4	8395.00	36.68	11.44	34.40	28.77	42.49	74.00	31.51 Peak
5	11200.00	39.39	11.14	33.24	25.17	42.46	74.00	31.54 Peak
6	13393.00	39.83	11.49	32.88	24.87	43.31	74.00	30.69 Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

Site no. : 1# 966 Chamber Data no. : 649
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : Audio Converter Box
 Power : DC 5V From Adapter Input AC 120V/60Hz
 M/N : BeoSound Core
 Test Mode : IEEE 802.11g CH11 2462TX
 Antenna b

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.00	27.58	6.69	34.98	93.44	92.73	74.00	-18.73	Peak
2	4924.00	31.45	12.29	35.91	30.28	38.11	74.00	35.89	Peak
3	7386.00	36.57	11.59	34.23	28.38	42.31	74.00	31.69	Peak
4	8684.00	37.32	11.45	33.66	28.00	43.11	74.00	30.89	Peak
5	11234.00	39.37	11.12	33.25	26.25	43.49	74.00	30.51	Peak
6	13325.00	39.66	11.48	32.94	25.05	43.25	74.00	30.75	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

Site no. : 1# 966 Chamber Data no. : 650
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : Audio Converter Box
 Power : DC 5V From Adapter Input AC 120V/60Hz
 M/N : BeoSound Core
 Test Mode : IEEE 802.11g CH11 2462TX
 Antenna b

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.00	27.58	6.69	34.98	93.73	93.02	74.00	-19.02	Peak
2	4924.00	31.45	12.29	35.91	29.84	37.67	74.00	36.33	Peak
3	7386.00	36.57	11.59	34.23	27.90	41.83	74.00	32.17	Peak
4	8684.00	37.32	11.45	33.66	28.13	43.24	74.00	30.76	Peak
5	11030.00	39.50	11.27	33.98	26.43	43.22	74.00	30.78	Peak
6	14090.00	41.54	10.91	33.13	24.55	43.87	74.00	30.13	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

Site no. : 1# 966 Chamber Data no. : 627
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : Audio Converter Box
 Power : DC 5V From Adapter Input AC 120V/60Hz
 M/N : BeoSound Core
 Test Mode : IEEE 802.11n HT20 CH1 2412TX
 Antenna a+Antenna b

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2412.00	27.60	6.64	34.64	91.91	91.51	74.00	-17.51	Peak
2	4824.00	31.28	11.84	35.66	31.17	38.63	74.00	35.37	Peak
3	7236.00	36.53	11.55	33.99	29.15	43.24	74.00	30.76	Peak
4	8650.00	37.27	11.45	33.68	28.84	43.88	74.00	30.12	Peak
5	11149.00	39.42	11.18	33.38	26.23	43.45	74.00	30.55	Peak
6	14005.00	41.46	10.90	33.01	24.37	43.72	74.00	30.28	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

Site no. : 1# 966 Chamber Data no. : 628
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : Audio Converter Box
 Power : DC 5V From Adapter Input AC 120V/60Hz
 M/N : BeoSound Core
 Test Mode : IEEE 802.11n HT20 CH1 2412TX
 Antenna a+Antenna b

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2412.00	27.60	6.64	34.64	92.94	92.54	74.00	-18.54	Peak
2	4824.00	31.28	11.84	35.66	30.45	37.91	74.00	36.09	Peak
3	7236.00	36.53	11.55	33.99	27.24	41.33	74.00	32.67	Peak
4	8684.00	37.32	11.45	33.66	27.90	43.01	74.00	30.99	Peak
5	11200.00	39.39	11.14	33.24	26.61	43.90	74.00	30.10	Peak
6	13376.00	39.78	11.48	32.91	26.27	44.62	74.00	29.38	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

Site no. : site Data no. : 629
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : Audio Converter Box
 Power : DC 5V From Adapter Input AC 120V/60Hz
 M/N : BeoSound Core
 Test Mode : IEEE 802.11n HT20 CH6 2437TX
 Antenna a+Antenna b

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission			
					Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1 2437.00	27.60	6.67	34.85	93.34	92.76	74.00	-18.76	Peak
2 4874.00	31.37	12.07	35.76	28.89	36.57	74.00	37.43	Peak
3 7311.00	36.55	11.57	34.12	28.61	42.61	74.00	31.39	Peak
4 8684.00	37.32	11.45	33.66	28.18	43.29	74.00	30.71	Peak
5 11234.00	39.37	11.12	33.25	26.73	43.97	74.00	30.03	Peak
6 13614.00	40.40	11.36	32.68	25.06	44.14	74.00	29.86	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

Site no. : 1# 966 Chamber Data no. : 630
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : Audio Converter Box
 Power : DC 5V From Adapter Input AC 120V/60Hz
 M/N : BeoSound Core
 Test Mode : IEEE 802.11n HT20 CH6 2437TX
 Antenna a+Antenna b

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission			
					Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1 2437.00	27.60	6.67	34.85	92.29	91.71	74.00	-17.71	Peak
2 4874.00	31.37	12.07	35.76	28.92	36.60	74.00	37.40	Peak
3 7311.00	36.55	11.57	34.12	27.33	41.33	74.00	32.67	Peak
4 8650.00	37.27	11.45	33.68	28.46	43.50	74.00	30.50	Peak
5 11404.00	39.25	10.99	33.57	26.75	43.42	74.00	30.58	Peak
6 13546.00	40.21	11.44	32.61	24.92	43.96	74.00	30.04	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

Site no. : 1# 966 Chamber Data no. : 631
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : Audio Converter Box
 Power : DC 5V From Adapter Input AC 120V/60Hz
 M/N : BeoSound Core
 Test Mode : IEEE 802.11n HT20 CH11 2462TX
 Antenna a+Antenna b

	Ant.	Cable	Amp	Emission					Remark
Freq. (MHz)	Factor (dB/m)	Loss (dB)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)		
1 2462.00	27.58	6.69	34.98	92.76	92.05	74.00	-18.05	Peak	
2 4924.00	31.45	12.29	35.91	30.33	38.16	74.00	35.84	Peak	
3 7386.00	36.57	11.59	34.23	28.89	42.82	74.00	31.18	Peak	
4 8867.00	37.30	11.45	33.67	28.33	43.41	74.00	30.59	Peak	
5 11200.00	39.39	11.14	33.24	26.02	43.31	74.00	30.69	Peak	
6 13665.00	40.55	11.30	32.75	24.16	43.26	74.00	30.74	Peak	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

Site no. : 1# 966 Chamber Data no. : 632
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : Audio Converter Box
 Power : DC 5V From Adapter Input AC 120V/60Hz
 M/N : BeoSound Core
 Test Mode : IEEE 802.11n HT20 CH11 2462TX
 Antenna a+Antenna b

	Ant.	Cable	Amp	Emission					Remark
Freq. (MHz)	Factor (dB/m)	Loss (dB)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)		
1 2462.00	27.58	6.69	34.98	93.53	92.82	74.00	-18.82	Peak	
2 4924.00	31.45	12.29	35.91	30.67	38.50	74.00	35.50	Peak	
3 7386.00	36.57	11.59	34.23	28.69	42.62	74.00	31.38	Peak	
4 8820.00	37.50	11.46	34.04	27.94	42.86	74.00	31.14	Peak	
5 11370.00	39.28	11.02	33.51	26.60	43.39	74.00	30.61	Peak	
6 13886.00	41.16	11.04	33.03	24.38	43.55	74.00	30.45	Peak	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

Site no. : 1# 966 Chamber Data no. : 633
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : Audio Converter Box
 Power : DC 5V From Adapter Input AC 120V/60Hz
 M/N : BeoSound Core
 Test Mode : IEEE 802.11n HT40 CH3 2422TX
 Antenna a+Antenna b

		Ant.	Cable	Amp	Emission			
Freq.	Factor	Loss	Factor	Reading	Level	Limits	Margin	Remark
(MHz)	(dB/m)	(dB)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	2422.00	27.60	6.66	34.74	92.39	91.91	74.00	-17.91 Peak
2	4844.00	31.31	11.92	35.68	29.79	37.34	74.00	36.66 Peak
3	7266.00	36.54	11.56	34.05	27.31	41.36	74.00	32.64 Peak
4	9075.00	37.53	11.49	34.20	27.59	42.41	74.00	31.59 Peak
5	11064.00	39.48	11.24	33.83	25.49	42.38	74.00	31.62 Peak
6	14056.00	41.51	10.90	33.06	25.07	44.42	74.00	29.58 Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

Site no. : 1# 966 Chamber Data no. : 634
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : Audio Converter Box
 Power : DC 5V From Adapter Input AC 120V/60Hz
 M/N : BeoSound Core
 Test Mode : IEEE 802.11n HT40 CH3 2422TX
 Antenna a+Antenna b

		Ant.	Cable	Amp	Emission			
Freq.	Factor	Loss	Factor	Reading	Level	Limits	Margin	Remark
(MHz)	(dB/m)	(dB)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	2422.00	27.60	6.66	34.74	91.35	90.87	74.00	-16.87 Peak
2	4844.00	31.31	11.92	35.68	30.85	38.40	74.00	35.60 Peak
3	7266.00	36.54	11.56	34.05	27.95	42.00	74.00	32.00 Peak
4	9126.00	37.62	11.52	34.09	27.96	43.01	74.00	30.99 Peak
5	12186.00	38.67	11.22	33.58	26.46	42.77	74.00	31.23 Peak
6	13920.00	41.26	11.00	33.00	24.46	43.72	74.00	30.28 Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

Site no. : site Data no. : 635
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : Audio Converter Box
 Power : DC 5V From Adapter Input AC 120V/60Hz
 M/N : BeoSound Core
 Test Mode : IEEE 802.11n HT40 CH6 2437TX
 Antenna a+Antenna b

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2437.00	27.60	6.67	34.85	91.05	90.47	74.00	-16.47	Peak
2	4874.00	31.37	12.07	35.76	30.47	38.15	74.00	35.85	Peak
3	7311.00	36.55	11.57	34.12	29.93	43.93	74.00	30.07	Peak
4	8684.00	37.32	11.45	33.66	28.35	43.46	74.00	30.54	Peak
5	11030.00	39.50	11.27	33.98	27.01	43.80	74.00	30.20	Peak
6	13784.00	40.88	11.16	33.05	25.13	44.12	74.00	29.88	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

Site no. : 1# 966 Chamber Data no. : 636
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : Audio Converter Box
 Power : DC 5V From Adapter Input AC 120V/60Hz
 M/N : BeoSound Core
 Test Mode : IEEE 802.11n HT40 CH6 2437TX
 Antenna a+Antenna b

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2437.00	27.60	6.67	34.85	92.06	91.48	74.00	-17.48	Peak
2	4874.00	31.37	12.07	35.76	29.01	36.69	74.00	37.31	Peak
3	7311.00	36.55	11.57	34.12	28.64	42.64	74.00	31.36	Peak
4	8684.00	37.32	11.45	33.66	28.84	43.95	74.00	30.05	Peak
5	10996.00	39.52	11.29	34.11	26.24	42.94	74.00	31.06	Peak
6	14175.00	41.61	10.91	33.35	25.38	44.55	74.00	29.45	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

Site no. : 1# 966 Chamber Data no. : 637
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : Audio Converter Box
 Power : DC 5V From Adapter Input AC 120V/60Hz
 M/N : BeoSound Core
 Test Mode : IEEE 802.11n HT40 CH9 2452TX
 Antenna a+Antenna b

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2452.00	27.59	6.67	34.85	92.20	91.61	74.00	-17.61	Peak
2	4904.00	31.42	12.22	35.87	30.47	38.24	74.00	35.76	Peak
3	7356.00	36.56	11.58	34.19	29.02	42.97	74.00	31.03	Peak
4	8633.00	36.87	11.45	34.25	29.11	43.18	74.00	30.82	Peak
5	10214.00	38.71	11.39	34.53	28.02	43.59	74.00	30.41	Peak
6	14090.00	41.46	10.90	33.01	25.10	44.45	74.00	29.55	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

Site no. : 1# 966 Chamber Data no. : 638
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : Audio Converter Box
 Power : DC 5V From Adapter Input AC 120V/60Hz
 M/N : BeoSound Core
 Test Mode : IEEE 802.11n HT40 CH9 2452TX
 Antenna a+Antenna b

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2452.00	27.59	6.67	34.85	90.88	90.29	74.00	-16.29	Peak
2	4904.00	31.42	12.22	35.87	29.63	37.40	74.00	36.60	Peak
3	7356.00	36.56	11.58	34.19	28.09	42.04	74.00	31.96	Peak
4	8633.00	37.24	11.45	33.73	27.92	42.88	74.00	31.12	Peak
5	10214.00	38.48	11.47	34.50	27.80	43.25	74.00	30.75	Peak
6	14090.00	41.54	10.91	33.13	23.88	43.20	74.00	30.80	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

18000MHz – 25000MHz

Pass

Note: The amplitude of spurious emission that is attenuated by more than 20dB below the permissible limit has no need to be reported.