

FCC Test Report

Equipment : Lyric™ C1 Wi-Fi® Camera
Brand Name : Honeywell
Model No. : CHCC1
FCC ID : CFS8DLCHCC1
Standard : 47 CFR FCC Part 15.247
Frequency : 2400 MHz – 2483.5 MHz
Function : ☐ Point-to-multipoint; ☒ Point-to-point
Applicant : Honeywell International Inc.
2 Corporate Center Drive, Melville New York 11747
United States
Manufacturer : EDIMAX TECHNOLOGY CO., LTD.
No.278, Xinhua 1st Rd., Neihu Dist., Taipei City, Taiwan

The product sample received on Oct. 13, 2017 and completely tested on Oct. 25, 2017. We, SPORTON, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC., the test report shall not be reproduced except in full.


Phoenix Chen / Assistant Manager





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Summary of Test Result

Conformance Test Specifications				
Report Clause	Ref. Std. Clause	Description	Limit	Result
1.1.2	15.203	Antenna Requirement	FCC 15.203	Complied
3.1	15.207	AC Power-line Conducted Emissions	FCC 15.207	Complied
3.2	15.247(a)	DTS Bandwidth	≥500kHz	Complied
3.3	15.247(b)	Maximum Conducted Output Power	Power [dBm]:30	Complied
3.4	15.247(e)	Power Spectral Density	PSD [dBm/3kHz]:8	Complied
3.5	15.247(d)	Emissions in Non-restricted Frequency Bands	Non-Restricted Bands: >30 dBc	Complied
3.6	15.247(d)	Emissions in Restricted Frequency Bands	Restricted Bands: FCC 15.209	Complied



SPORTON INTERNATIONAL INC.
TEL : 886-3-3273456
FAX : 886-3-3270973
FCC ID: CFS8DLCHCC1

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	Bluetooth Mode	Ch. Frequency (MHz)	Channel Number
2400-2483.5	LE	2402-2480	0-39 [40]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	BT-LE(1Mbps)	1.0	1TX

Note:

- ♦ Bluetooth LE uses a GFSK (1Mbps) modulation for DSSS.
- ♦ BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	-	1680-D0000073-50Z	PIFA Antenna	fixed on board	4.41

1.1.3 EUT Information

Operational Condition	
EUT Power Type	From AC Adapter
Type of EUT	
☒	Stand-alone
☐	Combined (EUT where the radio part is fully integrated within another device)
	Combined Equipment - Brand Name / Model No.: ...
☐	Plug-in radio (EUT intended for a variety of host systems)
	Host System - Brand Name / Model No.: ...
☐	Other:

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
BT-LE(1Mbps)	0.642	1.925	401.25u	3k

1.2 Testing Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2013
- ♦ KDB 558074 D01 v04

1.3 Testing Location Information

Testing Location			
☒	HWA YA	ADD : No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)	
		TEL : 886-3-327-3456	FAX : 886-3-327-0973
Test site Designation No. TW1190 with FCC.			
☐	JHUBEI	ADD : No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County, Taiwan (R.O.C.)	
		TEL : 886-3-656-9065	FAX : 886-3-656-9085
Test site Designation No. TW0006 with FCC.			

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-HY	Lisa	24.6°C / 65.5%	19/Oct/2017
Radiated	03CH02-HY	Jeff	23.8°C / 59%	24/Oct/2017
AC Conduction	CO04-HY	Eric	24.1°C / 55%	25/Oct/2017

1.4 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2))

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	2.1 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	2.6 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	2.9 dB	Confidence levels of 95%
Conducted Emission	1.3 dB	Confidence levels of 95%
Temperature	0.7 °C	Confidence levels of 95%
Humidity	4 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Condition

RF Conducted	Abbreviation	Remark
TnomVnom	Tnom	20°C
-	Vnom	120V

2.2 Test Channel Mode

Test Software Version	Bluetooth MP Tool (RTLBTAPP v5.0.0)
-----------------------	-------------------------------------

Mode	Power Setting
BT-LE(1Mbps)	-
2402MHz	7
2440MHz	7
2480MHz	7

2.3 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	CTX
1	Adapter mode

The Worst Case Mode for Following Conformance Tests	
Tests Item	DTS Bandwidth Maximum Conducted Output Power Power Spectral Density Emissions in Non-restricted Frequency Bands
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests		
Tests Item	Emissions in Restricted Frequency Bands	
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.	
Operating Mode < 1GHz	CTX	
1	Adapter mode	
Operating Mode > 1GHz	CTX	
Orthogonal Planes of EUT	Y Plane	Z Plane
		
Worst Planes of EUT	V	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	Bluetooth+WLAN 2.4GHz
Refer to Sporton Test Report No.: FA721306-02 for Co-location RF Exposure Evaluation.	

2.4 Accessories

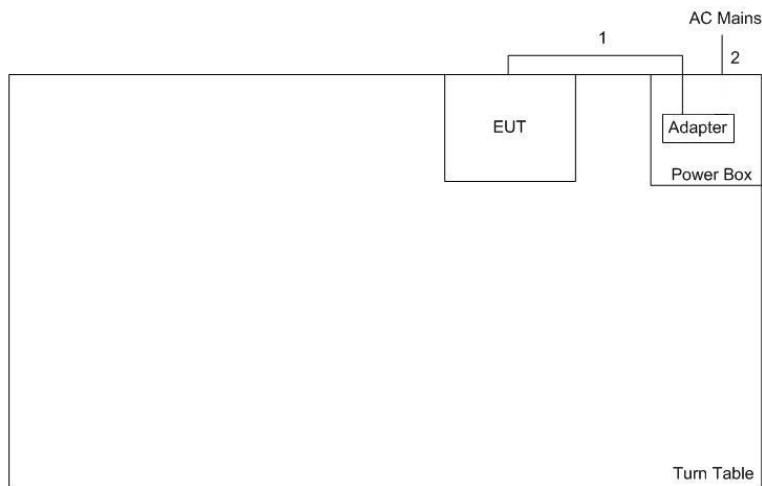
Accessories				
AC Adapter 1	Brand Name	APD	Model Name	WB-10E05FU
	Power Rating	I/P: 100 - 240 Vac, 50-60Hz, 0.4 A, O/P: 5 Vdc, 2 A		
	Power Cord	1.2 meter, non-shielded cable, w/o ferrite core		
Stand	Brand Name	-	Model Name	-

2.5 Support Equipment

Support Equipment - RF Conducted			
No.	Equipment	Brand Name	Model Name
1	Notebook	DELL	E5410
2	Adapter for NB	DELL	HA65NM130

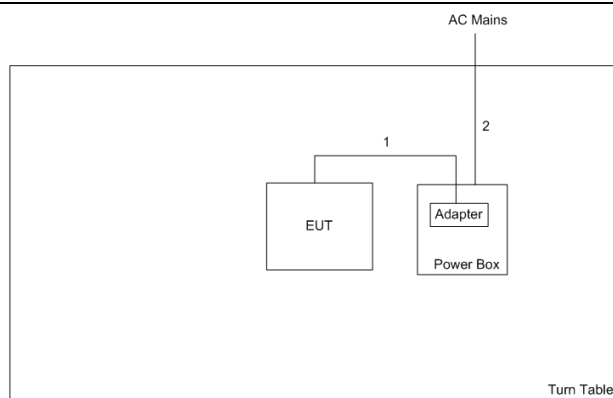
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	DC Power cable	No	1.8m	-
2	AC Power cable	No	1.7m	-

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	DC Power cable	No	1.2	-
2	AC Power cable	No	1.8	-

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50

Note 1: * Decreases with the logarithm of the frequency.

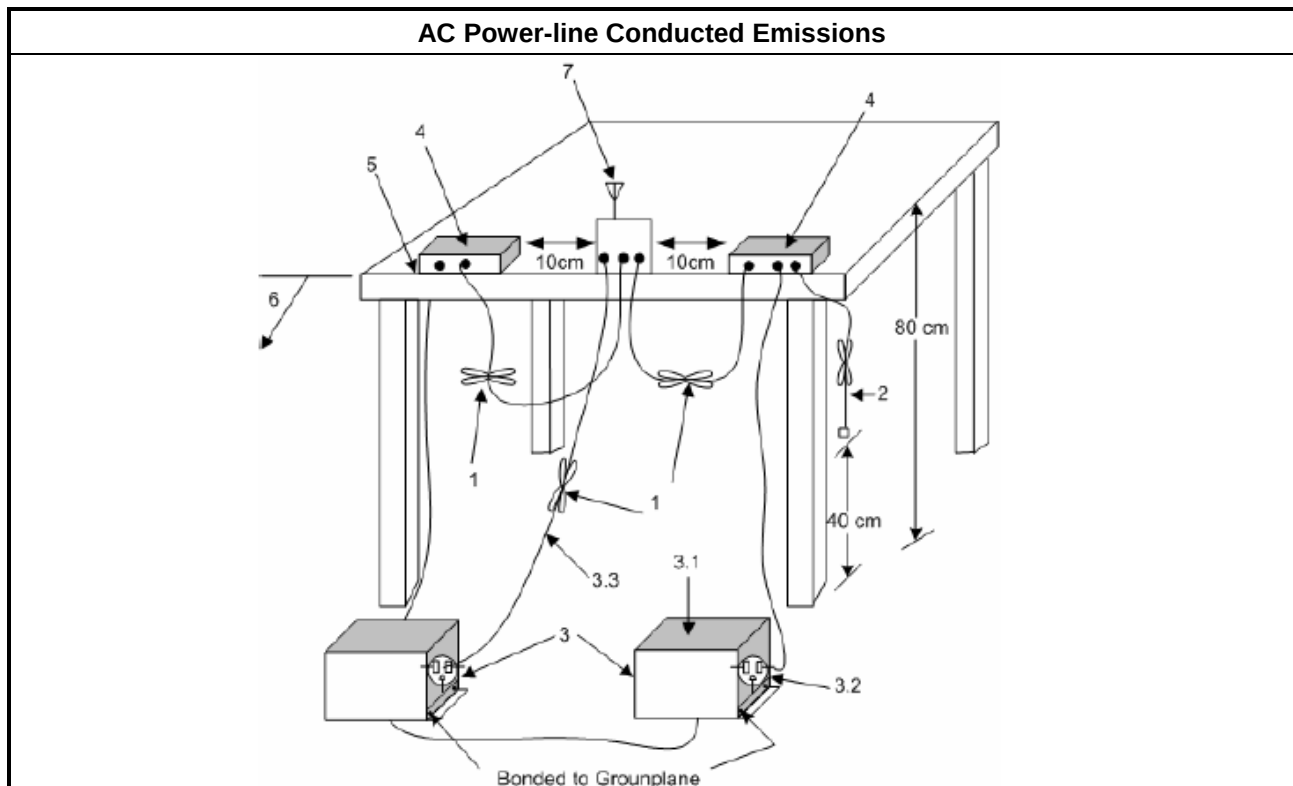
3.1.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

Test Method
Refer as ANSI C63.10-2013, clause 6.2 foray power-line conducted emissions.

3.1.4 Test Setup



3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

6dB Bandwidth Limit	
Systems using digital modulation techniques:	
▪	6 dB bandwidth $\geq$ 500 kHz.

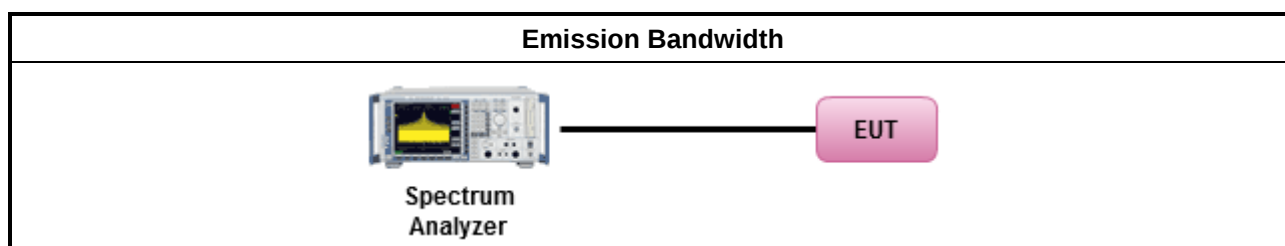
3.2.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

Test Method	
▪	For the emission bandwidth shall be measured using one of the options below:
☒	Refer as KDB 558074, clause 8.1 Option 1 for 6 dB bandwidth measurement.
☐	Refer as KDB 558074, clause 8.2 Option 2 for 6 dB bandwidth measurement.
☐	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.
☐	Refer as RSS-Gen, clause 6.6 for occupied bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit		
	If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ dBm (1 W)	
	Point-to-multipoint systems (P2M): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ dBm	
	Point-to-point systems (P2P): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm	
	Smart antenna system (SAS):	
	-	Single beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	-	Overlap beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	-	Aggregate power on all beams: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3 + 8$ dB dBm
e.i.r.p. Power Limit:		
	2400-2483.5 MHz Band	
	Point-to-multipoint systems (P2M): $P_{eirp} \leq 36$ dBm (4 W)	
	Point-to-point systems (P2P): $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX}])$ dBm	
	Smart antenna system (SAS)	
	-	Single beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm
	-	Overlap beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm
	-	Aggregate power on all beams: $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX} + 8])$ dBm
P_{Out} = maximum peak conducted output power or maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.		

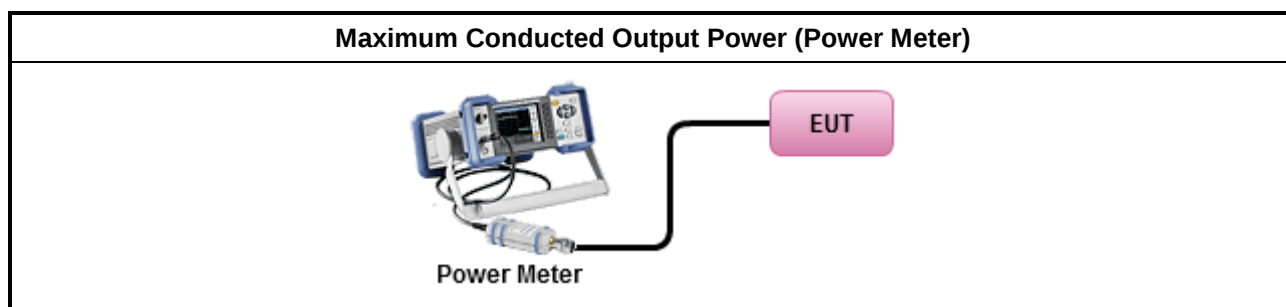
3.3.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

Test Method	
Maximum Peak Conducted Output Power	
☐	Refer as KDB 558074, clause 9.1.1 Option 1 (RBW ≥ EBW method).
☐	Refer as KDB 558074, clause 9.1.2 Option 2 (integrated band power method)
☐	Refer as KDB 558074, clause 9.1.3 Option 3 (peak power meter for VBW ≥ DTS BW)
Maximum Average Conducted Output Power	
Duty cycle ≥ 98%	
☐	Refer as KDB 558074, clause 9.2.2.4 Method AVGSA-2 (spectral trace averaging).
Duty cycle < 98%	
☐	Refer as KDB 558074, clause 9.2.2.5 Method AVGSA-2 Alt. (slow sweep speed)
RF power meter and average over on/off periods with duty factor or gated trigger	
☒	Refer as KDB 558074, clause 9.2.3.1 Method AVGPM (using an RF average power meter).
For conducted measurement.	
If the EUT supports multiple transmit chains using options given below: Refer as KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.	
If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$	

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

Power Spectral Density Limit	
▪	Power Spectral Density (PSD) ≤ 8 dBm/3kHz

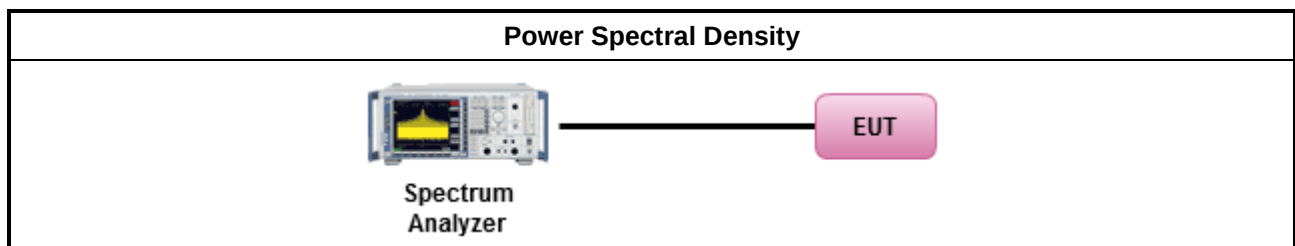
3.4.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

Test Method	
▪	Peak power spectral density procedures that the same method as used to determine the conducted output power. If maximum peak conducted output power was measured to demonstrate compliance to the output power limit, then the peak PSD procedure below (Method PKPSD) shall be used. If maximum conducted output power was measured to demonstrate compliance to the output power limit, then one of the average PSD procedures shall be used, as applicable based on the following criteria (the peak PSD procedure is also an acceptable option).
☒	Refer as KDB 558074, clause 10.2 Method PKPSD (RBW=3-100kHz; Detector=peak).
▪	For conducted measurement.
▪	If The EUT supports multiple transmit chains using options given below:
▪	Measure and sum the spectra across the outputs. Refer as KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

Un-restricted Band Emissions Limit	
RF output power procedure	Limit (dB)
Peak output power procedure	20
Average output power procedure	30
Note 1: If the peak output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the peak conducted output power measured within any 100 kHz outside the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum measured in-band peak PSD level. Note 2: If the average output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the power in any 100 kHz outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum measured in-band average PSD level.	

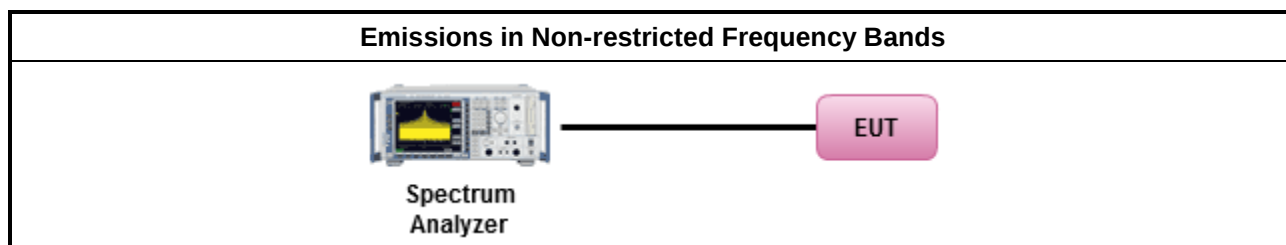
3.5.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

Test Method
Refer as KDB 558074, clause 11 for unwanted emissions into non-restricted bands.

3.5.4 Test Setup



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

Restricted Band Emissions Limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB / decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.

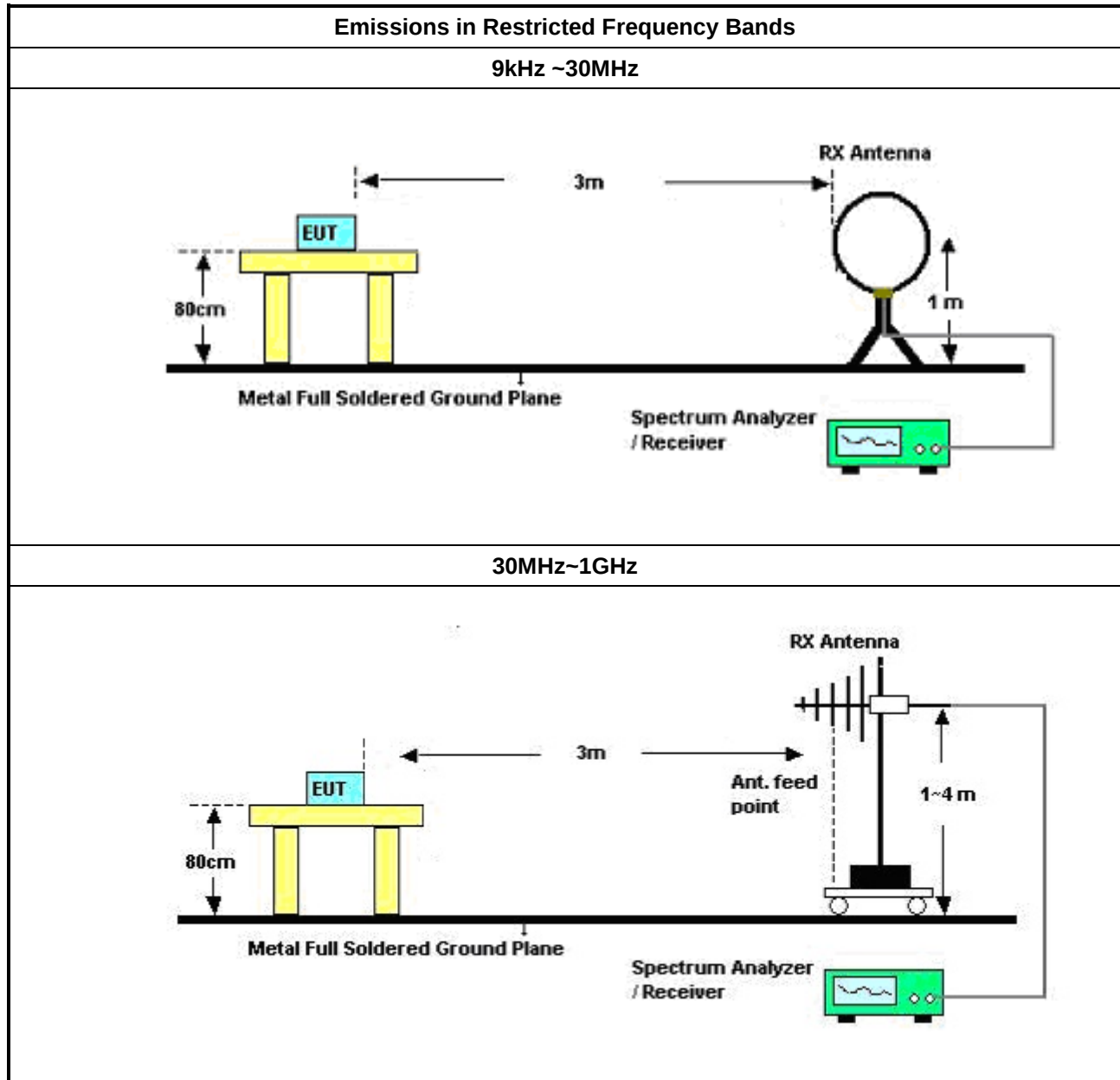
3.6.2 Measuring Instruments

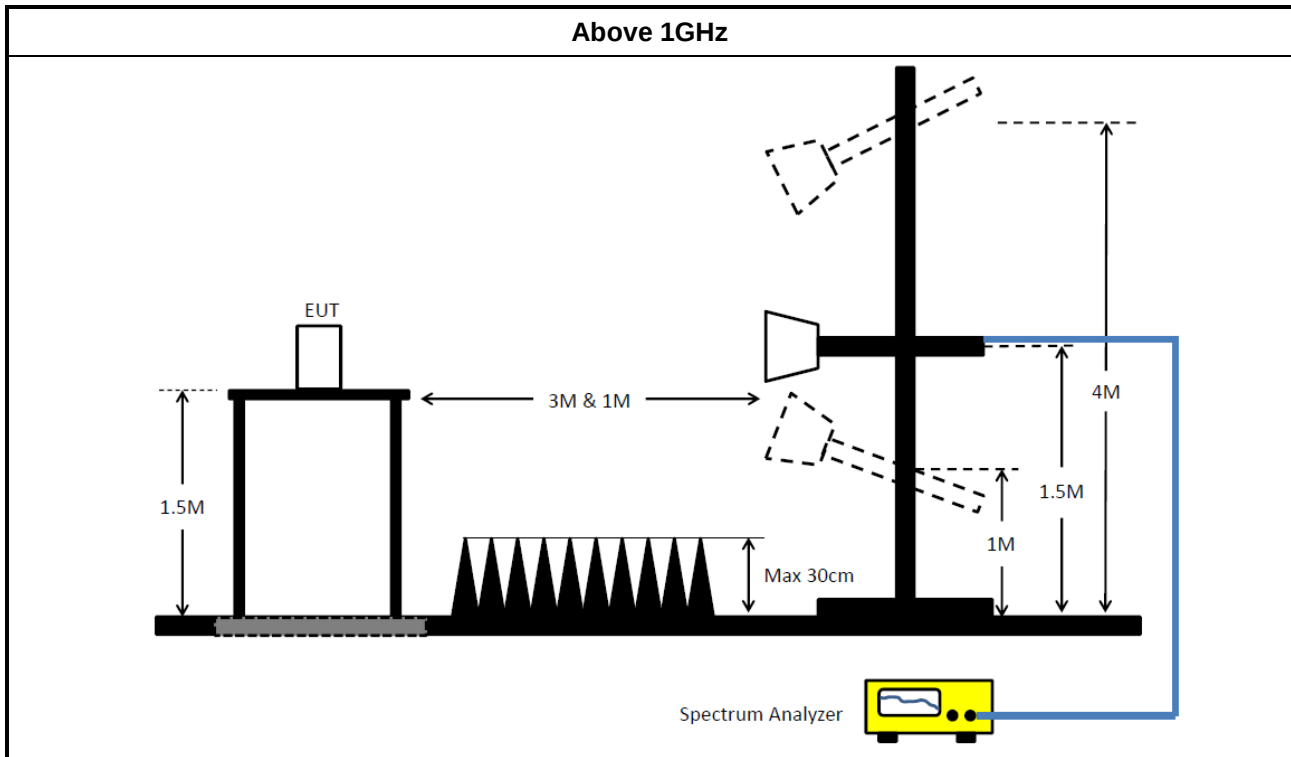
Refer a test equipment and calibration data table in this test report.

3.6.3 Test Procedures

Test Method	
The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].	
Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as KDB 558074, clause 12 for unwanted emissions into restricted bands.
	☒ Refer as KDB 558074, clause 12.2.5.3 (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW $\geq 1/T$.
	☒ Refer as KDB 558074, clause 12.2.4 measurement procedure peak limit.
For the transmitter band-edge emissions shall be measured using following options below:	
	Refer as KDB 558074 clause 13.1, When the performing peak or average radiated measurements, emissions within 2 MHz of the authorized band edge may be measured using the marker-delta method described below.
	Refer as KDB 558074, clause 13.2 (ANSI C63.10, clause 6.10.6) for marker-delta method for band-edge measurements.
	Refer as KDB 558074, clause 13.3 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels (i.e., 1 MHz).
For conducted and cabinet radiation measurement, refer as KDB 558074, clause 12.2.2.	
	For conducted unwanted emissions into restricted bands (absolute emission limits). Devices with multiple transmit chains using options given below: (1) Measure and sum the spectra across the outputs or (2) Measure and add 10 log(N) dB
	For KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.

3.6.4 Test Setup





3.6.5 Test Result of Emissions in Restricted Frequency Bands (Below 30MHz)

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

3.6.6 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMC Receiver	R&S	ESR3	102052	9KHz ~ 3.6GHz	29/Apr/2017	28/Apr/2018
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	15/Nov/2016	14/Nov/2017
RF Cable-CON	HUBER+SUHNER	RG213/U	07611832020001	9kHz ~ 30MHz	06/Oct/2017	05/Oct/2018
LISN (Support Unit)	EMCO	3810/2	9703-1839	9kHz ~ 30MHz	NCR	NCR
LISN	SCHWARZBECK MESS-ELEKTRONIK	NSLK 8127	8127-477	9kHz ~ 30MHz	14/ Feb/2017	13/ Feb/2018
AC POWER	APC	AFC-11005G	F310050055	47Hz~63Hz 5~300V	NCR	NCR
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9 kHz ~ 30 MHz	05/Oct/2017	04/Oct/2018

NCR : Non-Calibration Require

Instrument for Radiated Test

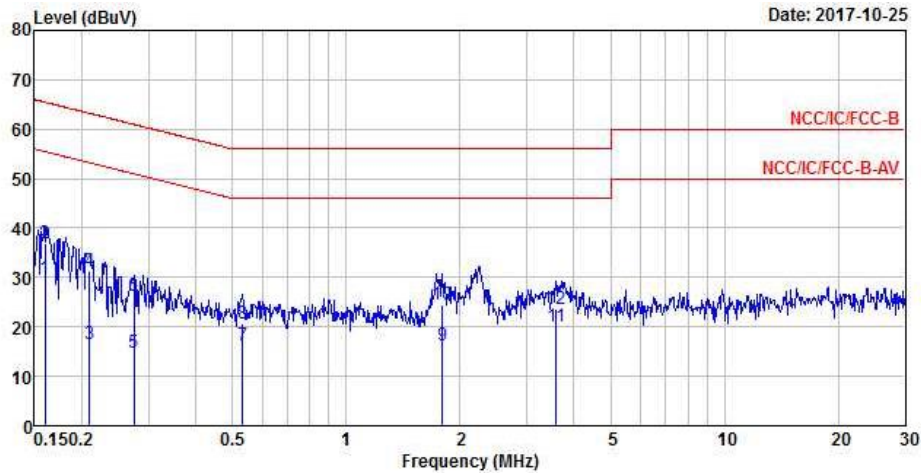
Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSP40	100593	9KHz - 40GHz	26/Oct/2016	25/Oct/2017
3m Semi Anechoic	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz-1GHz	20/Oct/2017	19/Oct/2018
3m Semi Anechoic	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz ~ 18GHz	12/Dec/2016	11/Dec/2017
Amplifier	Agilent	8447D	2944A11149	100KHz-1.3GHz	29/Jun/2017	28/Jun/2018
Amplifier	Ketsight	8449B	3008A02602	1GHz-26.5GHz	19/Sep/2017	18/Sep/2018
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA9120D 01531	1GHz-18GHz	11/May/2017	10/May/2018
Horn Antenna	SCHWARZBECK	BBHA9170	BBHA9170154	18GHz-40GHz	06/Feb/2017	05/Feb/2018
Bilog Antenna	SCHAFFNER	CBL6112B	2723	30MHz-1GHz	09/Sep/2017	08/Sep/2018
Amplifier	MITEQ	JS44-18004000 -33-8P	1840917	18GHz-40GHz	06/Feb/2017	05/Feb/2018
Loop Antenna	TESEQ	HLA 6120	31244	9KHz-30MHz	02/Mar/2017	01/Mar/2018
RF Cable-high	SUHNER	SUCOFLEX104	MY34918/4	1GHz ~ 40GHz	26/Jan/2017	25/Jan/2018
RF Cable-R03m	Jye Bao	RG142	CB017	9kHz ~ 1GHz	26/Jan/2017	25/Jan/2018
Receiver	R&S	ESU3	102052	9kHz ~ 3.6GHz	29/Apr/2017	28/Apr/2018

**Instrument for Conducted Test**

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	9kHz~40GHz	30/Dec/2016	29/Dec/2017
Power Sensor	Anritsu	MA2411B	0917017	300MHz ~ 40GHz	10/Feb/2017	09/Feb/2018
Power Meter	Anritsu	ML2495A	0949003	300MHz ~ 40GHz	10/Feb/2017	09/Feb/2018
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	27/Jul/2017	26/Jul/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10710/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10709/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY10713/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Neutral
Operating Function	Adapter mode		

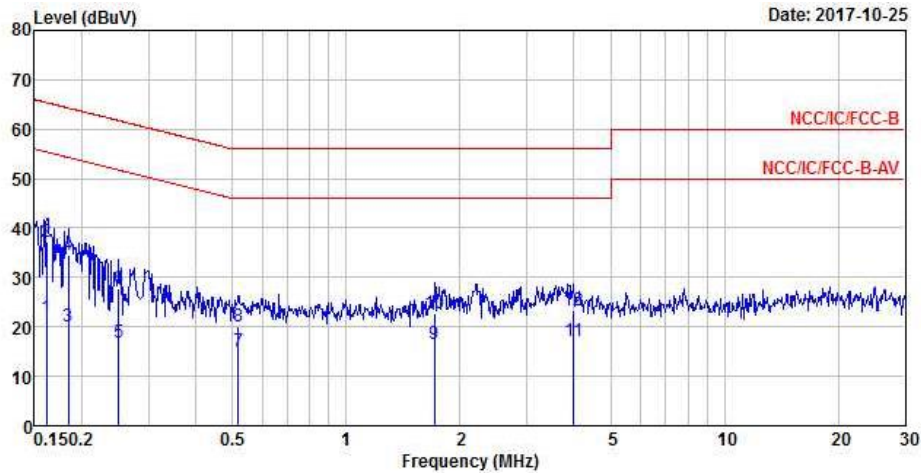


	Freq	Level	Over	Limit	Read	LISN	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
			dB	dBuV	dBuV	dB	dB	
1	MAX	0.15985	29.70	-25.77	55.47	20.08	9.62	0.00 Average
2		0.15985	36.79	-28.68	65.47	27.17	9.62	0.00 QP
3		0.20944	16.50	-36.73	53.23	6.83	9.67	0.00 Average
4		0.20944	31.36	-31.87	63.23	21.69	9.67	0.00 QP
5		0.27442	14.82	-36.16	50.98	5.17	9.65	0.00 Average
6		0.27442	26.39	-34.59	60.98	16.74	9.65	0.00 QP
7		0.53215	16.30	-29.70	46.00	6.68	9.62	0.00 Average
8		0.53215	20.76	-35.24	56.00	11.14	9.62	0.00 QP
9		1.80001	16.31	-29.69	46.00	6.67	9.64	0.00 Average
10		1.80001	24.63	-31.37	56.00	14.99	9.64	0.00 QP
11		3.58433	20.09	-25.91	46.00	10.39	9.70	0.00 Average
12		3.58433	23.75	-32.25	56.00	14.05	9.70	0.00 QP

Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.
 Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Line
Operating Function	Adapter mode		



	Freq	Level	Over	Limit	Read	LISN	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
			dB	dBuV	dBuV	dB	dB	
1	0.16155	21.73	-33.65	55.38	12.07	9.66	0.00	Average
2 MAX	0.16155	37.20	-28.18	65.38	27.54	9.66	0.00	QP
3	0.18443	20.01	-34.27	54.28	10.36	9.65	0.00	Average
4	0.18443	34.61	-29.67	64.28	24.96	9.65	0.00	QP
5	0.25078	16.71	-35.02	51.73	7.05	9.66	0.00	Average
6	0.25078	27.74	-33.99	61.73	18.08	9.66	0.00	QP
7	0.51824	14.95	-31.05	46.00	5.28	9.67	0.00	Average
8	0.51824	19.95	-36.05	56.00	10.28	9.67	0.00	QP
9	1.70712	16.43	-29.57	46.00	6.68	9.75	0.00	Average
10	1.70712	22.81	-33.19	56.00	13.06	9.75	0.00	QP
11	3.98501	17.16	-28.84	46.00	7.39	9.77	0.00	Average
12	3.98501	23.28	-32.72	56.00	13.51	9.77	0.00	QP

Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.
 Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
BT-LE(1Mbps)	757.5k	1.049M	1M05F1D	745k	1.038M

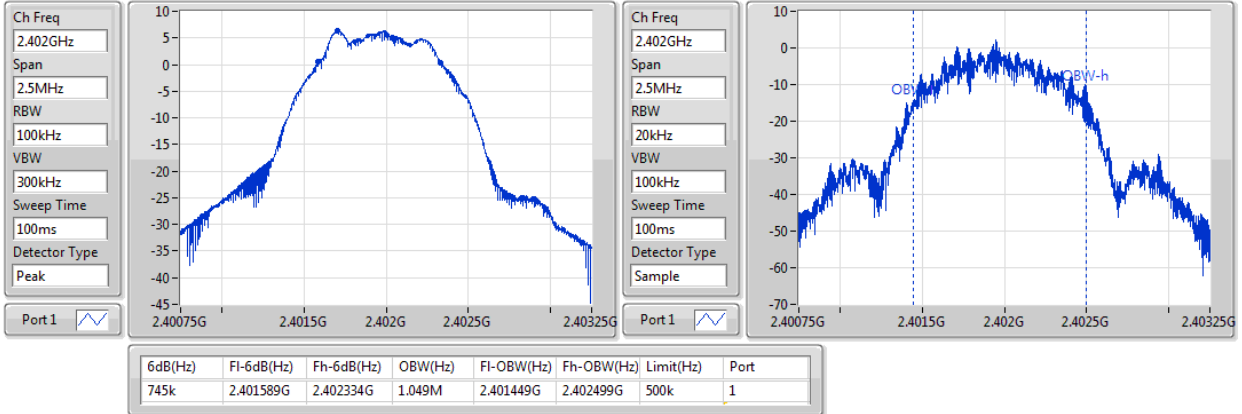
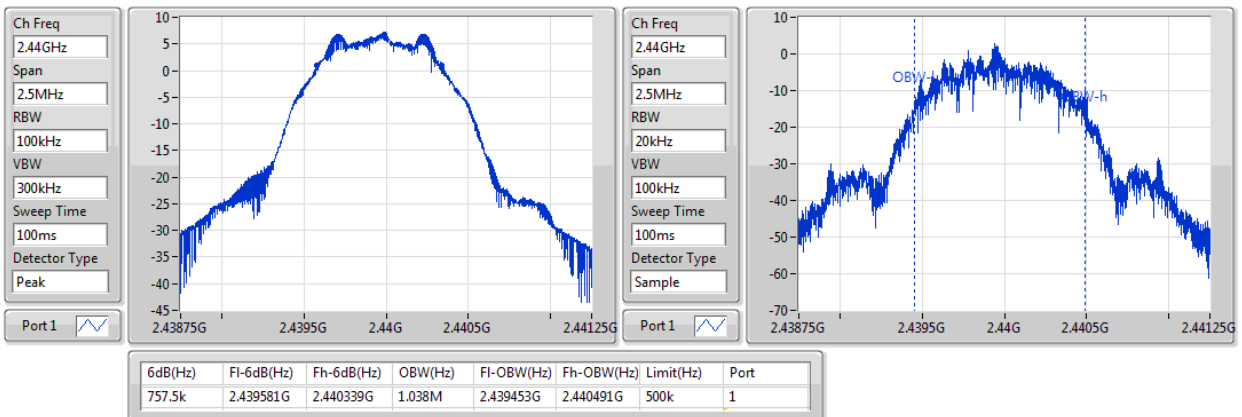
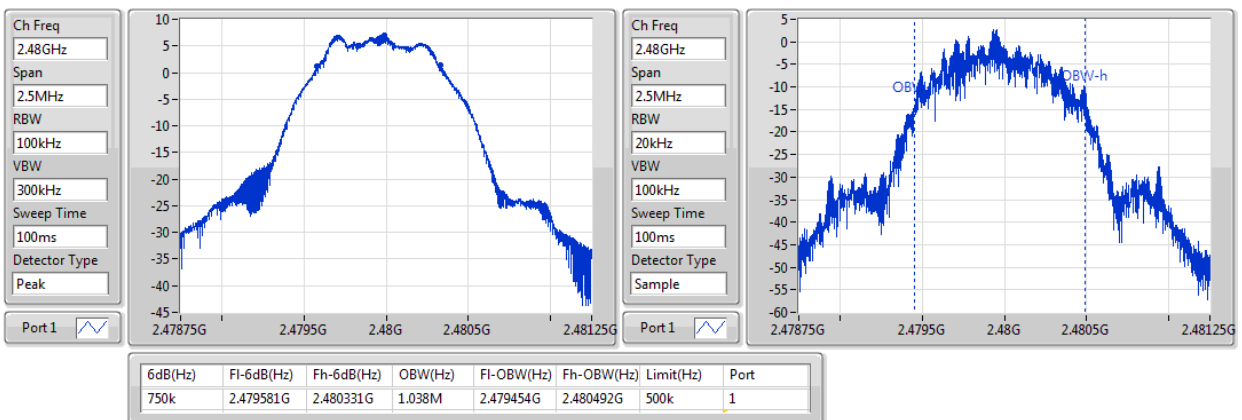
Max-N dB = Maximum 6dB down bandwidth; **Max-OBW** = Maximum 99% occupied bandwidth;

Min-N dB = Minimum 6dB down bandwidth; **Min-OBW** = Minimum 99% occupied bandwidth;

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
BT-LE(1Mbps)	-	-	-	-
2402MHz_TnomVnom	Pass	500k	745k	1.049M
2440MHz_TnomVnom	Pass	500k	757.5k	1.038M
2480MHz_TnomVnom	Pass	500k	750k	1.038M

Port X-N dB = Port X 6dB down bandwidth; **Port X-OBW** = Port X 99% occupied bandwidth;

BT-LE(1Mbps)
EBW
2402MHz

BT-LE(1Mbps)
EBW
2440MHz

BT-LE(1Mbps)
EBW
2480MHz


Summary

Mode	Power	Power
	(dBm)	(W)
2.4-2.4835GHz	-	-
BT-LE(1Mbps)	7.80	0.00603

Result

Mode	Result	Gain (dBi)	Power (dBm)	Power Limit (dBm)
BT-LE(1Mbps)	-	-	-	-
2402MHz_TnomVnom	Pass	4.41	7.21	30.00
2440MHz_TnomVnom	Pass	4.41	7.66	30.00
2480MHz_TnomVnom	Pass	4.41	7.80	30.00

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
BT-LE(1Mbps)	-8.59

RBW=3kHz.

Result

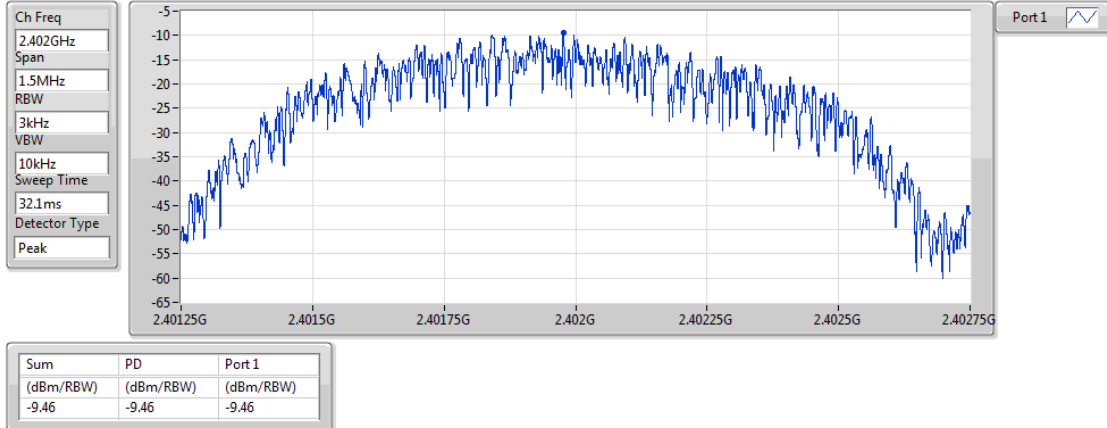
Mode	Result	Gain (dBi)	PD (dBm/RBW)	PD Limit (dBm/RBW)
BT-LE(1Mbps)	-	-	-	-
2402MHz_TnomVnom	Pass	4.41	-9.46	8.00
2440MHz_TnomVnom	Pass	4.41	-8.59	8.00
2480MHz_TnomVnom	Pass	4.41	-8.64	8.00

RBW=3kHz.

BT-LE(1Mbps)

PSD

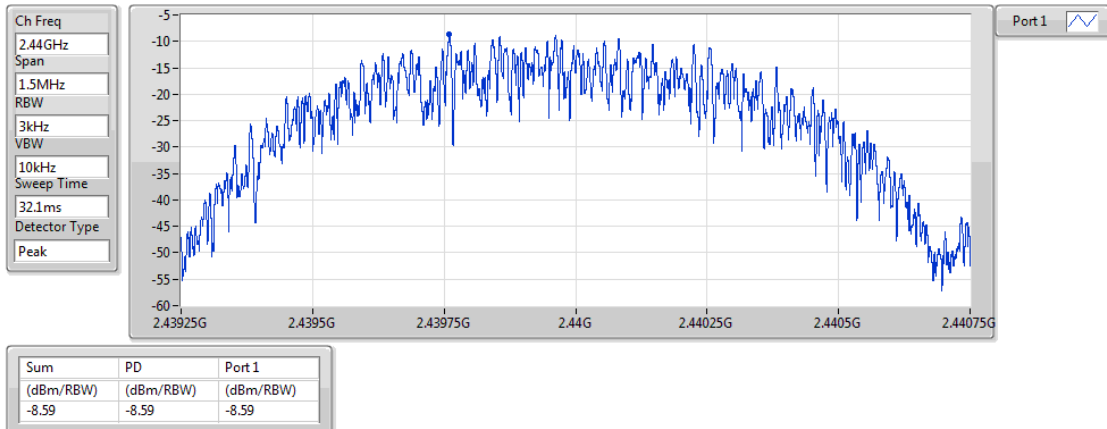
2402MHz



BT-LE(1Mbps)

PSD

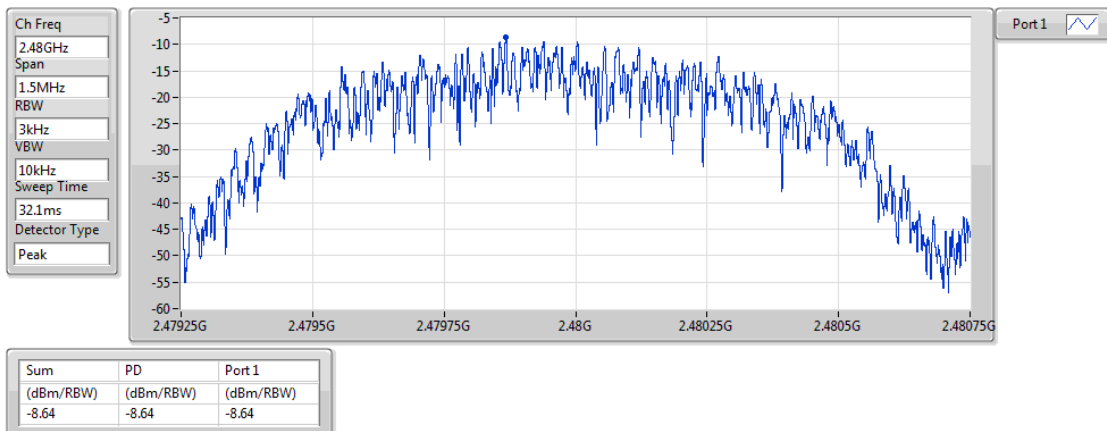
2440MHz



BT-LE(1Mbps)

PSD

2480MHz



Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
BT-LE(1Mbps)	Pass	2.48016G	7.11	-22.89	797.232M	-58.76	2.399968G	-41.58	2.483696G	-57.74	2.558672G	-52.02	1

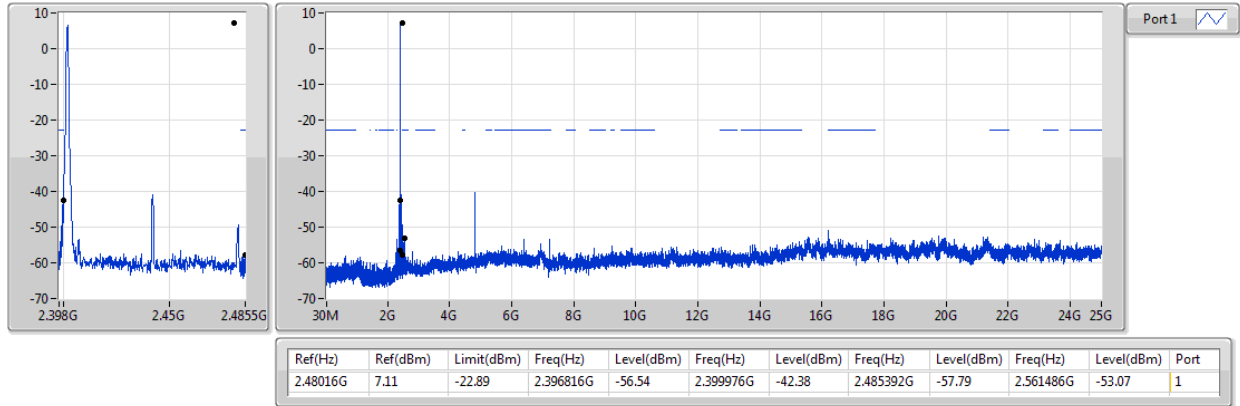
Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
BT-LE(1Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	2.48016G	7.11	-22.89	2.396816G	-56.54	2.399976G	-42.38	2.485392G	-57.79	2.561486G	-53.07	1
2440MHz_TnomVnom	Pass	2.48016G	7.11	-22.89	797.232M	-58.76	2.399968G	-41.58	2.483696G	-57.74	2.558672G	-52.02	1
2480MHz_TnomVnom	Pass	2.48016G	7.11	-22.89	809.072M	-58.20	2.399944G	-51.63	2.48356G	-53.75	2.519272G	-47.32	1

BT-LE(1Mbps)

CSE NdB

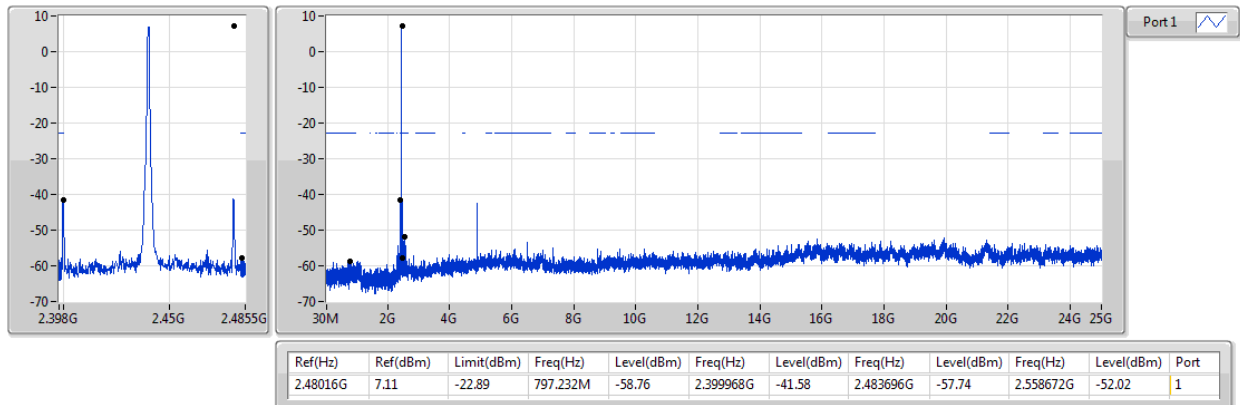
2402MHz



BT-LE(1Mbps)

CSE NdB

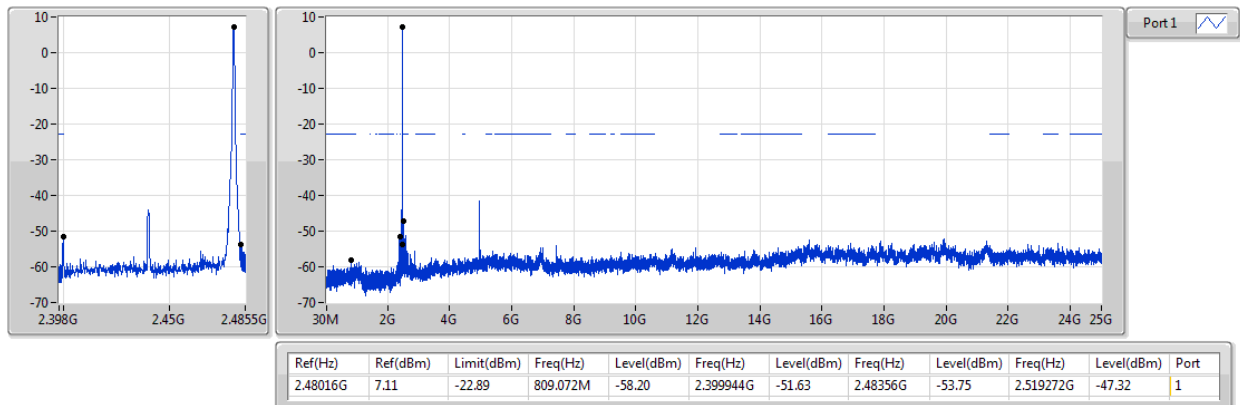
2440MHz



BT-LE(1Mbps)

CSE NdB

2480MHz



Summary

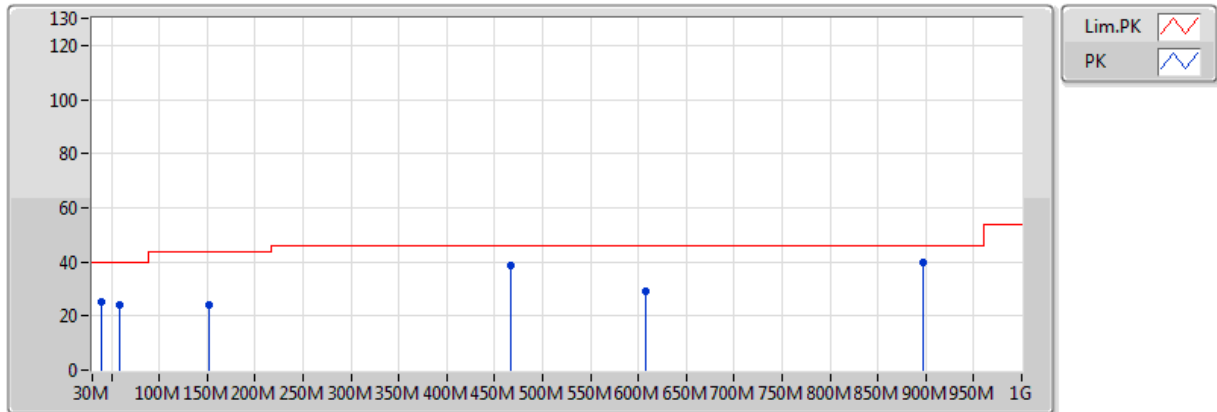
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
BT-LE(1Mbps)	Pass	PK	472.32M	41.73	46.00	-4.27	-1.80	3	Horizontal	360	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
BT-LE(1Mbps)	-	-	-	-	-	-	-	-	-	-	-	-
2440MHz	Pass	PK	31.94M	23.63	40.00	-16.37	-3.57	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	150.28M	23.10	43.50	-20.40	-9.67	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	289.96M	20.61	46.00	-25.39	-6.17	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	402.48M	26.48	46.00	-19.52	-3.29	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	472.32M	41.73	46.00	-4.27	-1.80	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	827.34M	31.01	46.00	-14.99	2.19	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	39.7M	25.01	40.00	-14.99	-7.84	3	Vertical	0	1.00	-
2440MHz	Pass	PK	59.1M	24.23	40.00	-15.77	-14.24	3	Vertical	0	1.00	-
2440MHz	Pass	PK	152.22M	24.25	43.50	-19.25	-9.73	3	Vertical	0	1.00	-
2440MHz	Pass	PK	466.5M	38.84	46.00	-7.16	-1.93	3	Vertical	0	1.00	-
2440MHz	Pass	PK	608.12M	29.21	46.00	-16.79	-0.39	3	Vertical	0	1.00	-
2440MHz	Pass	PK	897.18M	39.79	46.00	-6.21	2.79	3	Vertical	0	1.00	-

BT-LE(1Mbps)

2440MHz_Adapter

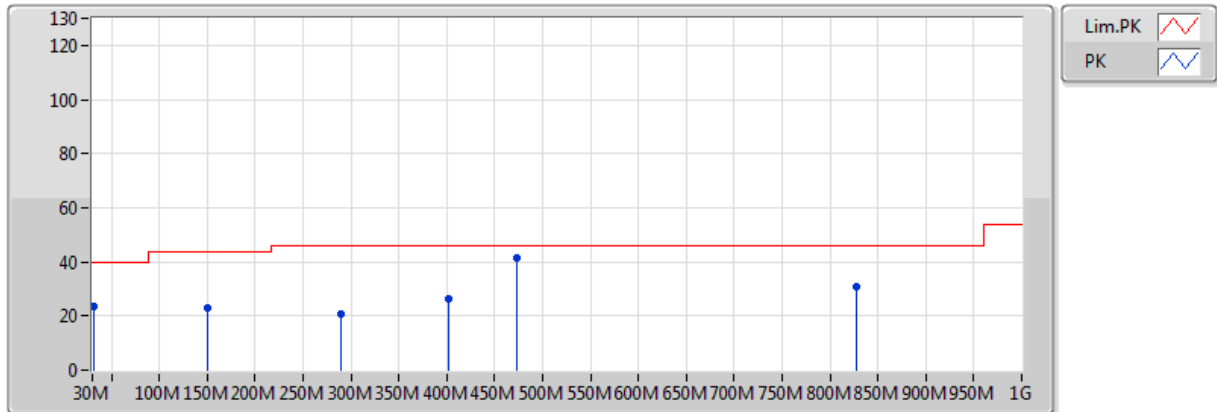


EUT = Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
PK	39.7M	25.01	40.00	-14.99	-7.84	3	Vertical	0	1.00	-				
PK	59.1M	24.23	40.00	-15.77	-14.24	3	Vertical	0	1.00	-				
PK	152.22M	24.25	43.50	-19.25	-9.73	3	Vertical	0	1.00	-				
PK	466.5M	38.84	46.00	-7.16	-1.93	3	Vertical	0	1.00	-				
PK	608.12M	29.21	46.00	-16.79	-0.39	3	Vertical	0	1.00	-				
PK	897.18M	39.79	46.00	-6.21	2.79	3	Vertical	0	1.00	-				

BT-LE(1Mbps)

2440MHz_Adapter



EUT = Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
PK	31.94M	23.63	40.00	-16.37	-3.57	3	Horizontal	360	1.00	-				
PK	150.28M	23.10	43.50	-20.40	-9.67	3	Horizontal	360	1.00	-				
PK	289.96M	20.61	46.00	-25.39	-6.17	3	Horizontal	360	1.00	-				
PK	402.48M	26.48	46.00	-19.52	-3.29	3	Horizontal	360	1.00	-				
PK	472.32M	41.73	46.00	-4.27	-1.80	3	Horizontal	360	1.00	-				
PK	827.34M	31.01	46.00	-14.99	2.19	3	Horizontal	360	1.00	-				

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
BT-LE(1Mbps)	Pass	AV	2.483502G	51.14	54.00	-2.86	30.79	3	Horizontal	349	1.20	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
BT-LE(1Mbps)	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.3618G	46.16	54.00	-7.84	30.36	3	Horizontal	348	2.87	-
2402MHz	Pass	AV	2.402G	100.17	Inf	-Inf	30.50	3	Horizontal	348	2.87	-
2402MHz	Pass	PK	2.3618G	55.09	74.00	-18.91	30.36	3	Horizontal	348	2.87	-
2402MHz	Pass	PK	2.4018G	101.98	Inf	-Inf	30.50	3	Horizontal	348	2.87	-
2402MHz	Pass	AV	2.362G	47.39	54.00	-6.61	30.36	3	Vertical	166	1.96	-
2402MHz	Pass	AV	2.402G	100.72	Inf	-Inf	30.50	3	Vertical	166	1.96	-
2402MHz	Pass	PK	2.3622G	55.09	74.00	-18.91	30.36	3	Vertical	166	1.96	-
2402MHz	Pass	PK	2.4018G	102.56	Inf	-Inf	30.50	3	Vertical	166	1.96	-
2402MHz	Pass	AV	4.804G	35.04	54.00	-18.96	5.85	3	Horizontal	133	2.03	-
2402MHz	Pass	PK	4.804G	47.79	74.00	-26.21	5.85	3	Horizontal	133	2.03	-
2402MHz	Pass	AV	4.804G	35.97	54.00	-18.03	5.85	3	Vertical	69	1.07	-
2402MHz	Pass	PK	4.804G	48.89	74.00	-25.11	5.85	3	Vertical	69	1.07	-
2440MHz	Pass	AV	2.384G	43.63	54.00	-10.37	30.43	3	Horizontal	346	1.99	-
2440MHz	Pass	AV	2.44G	104.23	Inf	-Inf	30.63	3	Horizontal	346	1.99	-
2440MHz	Pass	AV	2.494G	44.19	54.00	-9.81	30.83	3	Horizontal	346	1.99	-
2440MHz	Pass	PK	2.3812G	54.91	74.00	-19.09	30.42	3	Horizontal	346	1.99	-
2440MHz	Pass	PK	2.4396G	106.09	Inf	-Inf	30.63	3	Horizontal	346	1.99	-
2440MHz	Pass	PK	2.4916G	55.08	74.00	-18.92	30.82	3	Horizontal	346	1.99	-
2440MHz	Pass	AV	2.3888G	43.57	54.00	-10.43	30.45	3	Vertical	151	1.85	-
2440MHz	Pass	AV	2.44G	104.80	Inf	-Inf	30.63	3	Vertical	151	1.85	-
2440MHz	Pass	AV	2.4916G	44.29	54.00	-9.71	30.82	3	Vertical	151	1.85	-
2440MHz	Pass	PK	2.3844G	55.25	74.00	-18.75	30.44	3	Vertical	151	1.85	-
2440MHz	Pass	PK	2.4396G	106.63	Inf	-Inf	30.63	3	Vertical	151	1.85	-
2440MHz	Pass	PK	2.4976G	55.90	74.00	-18.10	30.84	3	Vertical	151	1.85	-
2440MHz	Pass	AV	4.88G	38.15	54.00	-15.85	6.02	3	Horizontal	215	2.03	-
2440MHz	Pass	AV	7.32G	41.35	54.00	-12.65	11.35	3	Horizontal	87	1.99	-
2440MHz	Pass	PK	4.88G	50.14	74.00	-23.86	6.02	3	Horizontal	215	2.03	-
2440MHz	Pass	PK	7.32G	53.70	74.00	-20.30	11.35	3	Horizontal	87	1.99	-
2440MHz	Pass	AV	4.88G	37.87	54.00	-16.13	6.02	3	Vertical	41	1.50	-
2440MHz	Pass	AV	7.32G	39.91	54.00	-14.09	11.35	3	Vertical	179	1.41	-
2440MHz	Pass	PK	4.88G	49.91	74.00	-24.09	6.02	3	Vertical	41	1.50	-
2440MHz	Pass	PK	7.32G	53.34	74.00	-20.66	11.35	3	Vertical	179	1.41	-
2480MHz	Pass	AV	2.48G	103.60	Inf	-Inf	30.78	3	Horizontal	349	1.20	-
2480MHz	Pass	AV	2.483502G	51.14	54.00	-2.86	30.79	3	Horizontal	349	1.20	-
2480MHz	Pass	PK	2.4798G	105.40	Inf	-Inf	30.78	3	Horizontal	349	1.20	-
2480MHz	Pass	PK	2.483502G	57.45	74.00	-16.55	30.79	3	Horizontal	349	1.20	-
2480MHz	Pass	AV	2.48G	103.29	Inf	-Inf	30.78	3	Vertical	173	1.43	-
2480MHz	Pass	AV	2.483502G	50.78	54.00	-3.22	30.79	3	Vertical	173	1.43	-
2480MHz	Pass	PK	2.4798G	105.15	Inf	-Inf	30.78	3	Vertical	173	1.43	-
2480MHz	Pass	PK	2.483502G	57.45	74.00	-16.55	30.79	3	Vertical	173	1.43	-
2480MHz	Pass	AV	4.96G	40.97	54.00	-13.03	6.21	3	Horizontal	162	1.50	-
2480MHz	Pass	AV	7.44G	41.44	54.00	-12.56	11.62	3	Horizontal	87	1.93	-
2480MHz	Pass	PK	4.96G	52.23	74.00	-21.77	6.21	3	Horizontal	162	1.50	-
2480MHz	Pass	PK	7.44G	54.37	74.00	-19.63	11.62	3	Horizontal	87	1.93	-
2480MHz	Pass	AV	4.96G	43.41	54.00	-10.59	6.21	3	Vertical	65	1.01	-
2480MHz	Pass	AV	7.44G	41.29	54.00	-12.71	11.62	3	Vertical	132	2.08	-
2480MHz	Pass	PK	4.96G	55.03	74.00	-18.97	6.21	3	Vertical	65	1.01	-



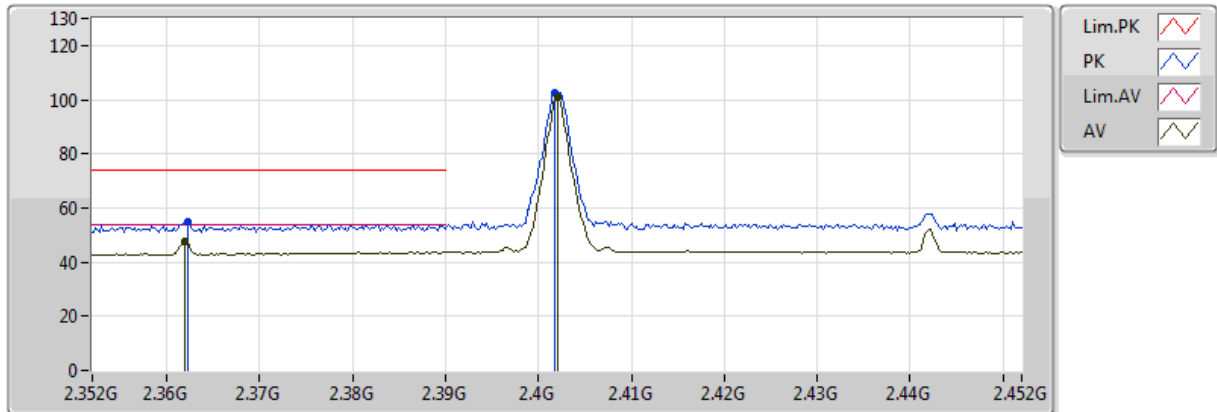
RSE TX above 1GHz Result

Appendix F.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2480MHz	Pass	PK	7.44G	54.56	74.00	-19.44	11.62	3	Vertical	132	2.08	-

BT-LE(1Mbps)

2402MHz_TX

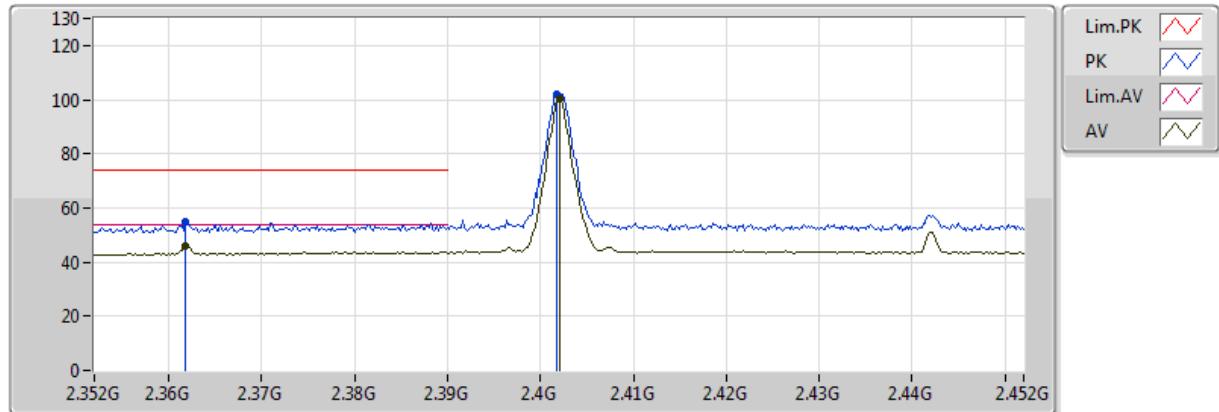


EUT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	2.362G	47.39	54.00	-6.61	30.36	3	Vertical	166	1.96	-				
AV	2.402G	100.72	Inf	-Inf	30.50	3	Vertical	166	1.96	-				
PK	2.3622G	55.09	74.00	-18.91	30.36	3	Vertical	166	1.96	-				
PK	2.4018G	102.56	Inf	-Inf	30.50	3	Vertical	166	1.96	-				

BT-LE(1Mbps)

2402MHz_TX

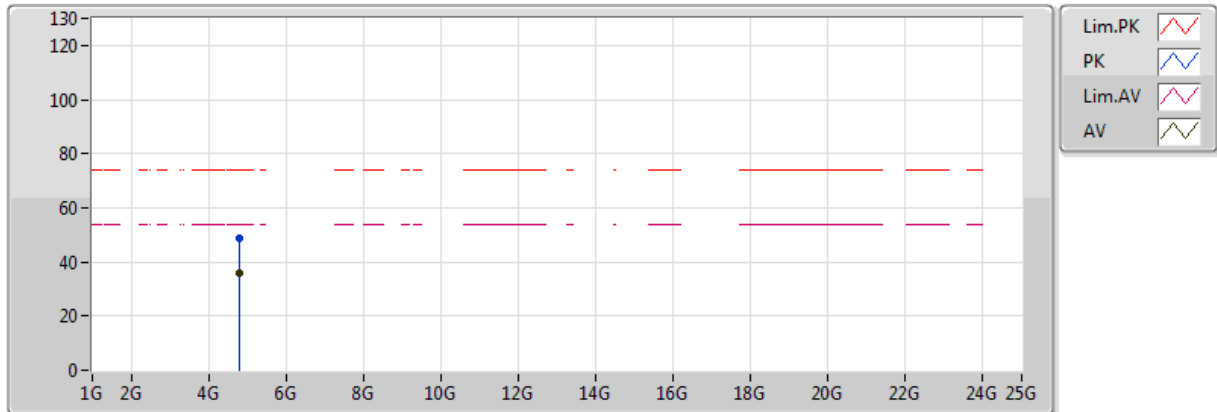


EUT = Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	2.3618G	46.16	54.00	-7.84	30.36	3	Horizontal	348	2.87	-				
AV	2.402G	100.17	Inf	-Inf	30.50	3	Horizontal	348	2.87	-				
PK	2.3618G	55.09	74.00	-18.91	30.36	3	Horizontal	348	2.87	-				
PK	2.4018G	101.98	Inf	-Inf	30.50	3	Horizontal	348	2.87	-				

BT-LE(1Mbps)

2402MHz_TX

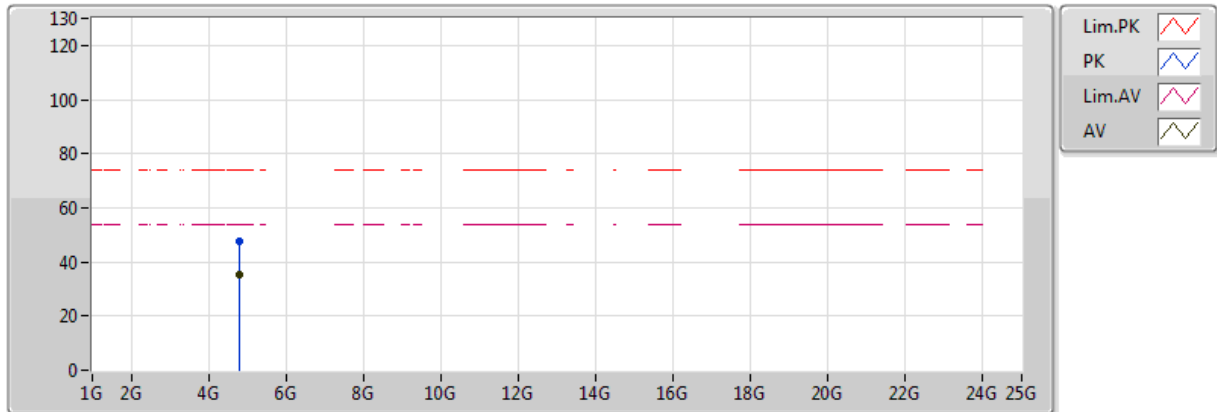


EUT = Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	4.804G	35.97	54.00	-18.03	5.85	3	Vertical	69	1.07	-				
PK	4.804G	48.89	74.00	-25.11	5.85	3	Vertical	69	1.07	-				

BT-LE(1Mbps)

2402MHz_TX

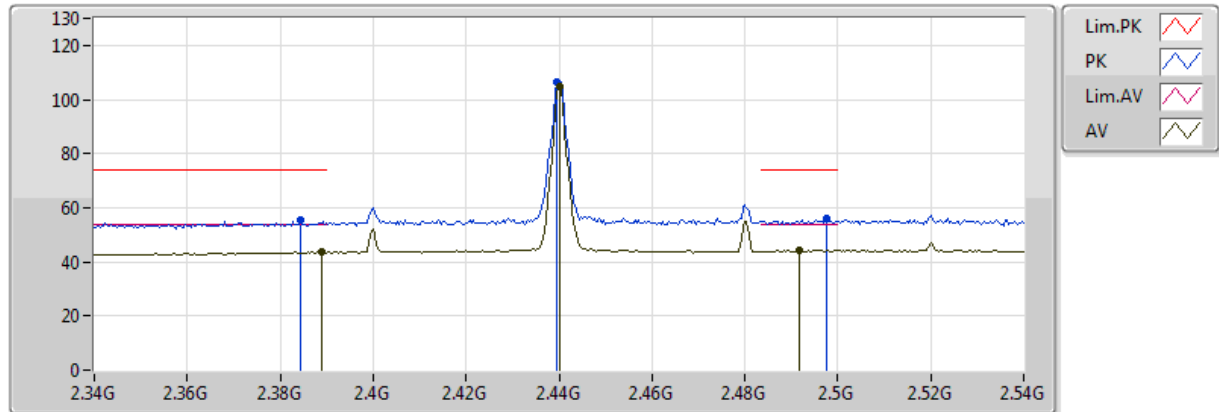


EUT = Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	4.804G	35.04	54.00	-18.96	5.85	3	Horizontal	133	2.03	-				
PK	4.804G	47.79	74.00	-26.21	5.85	3	Horizontal	133	2.03	-				

BT-LE(1Mbps)

2440MHz_TX

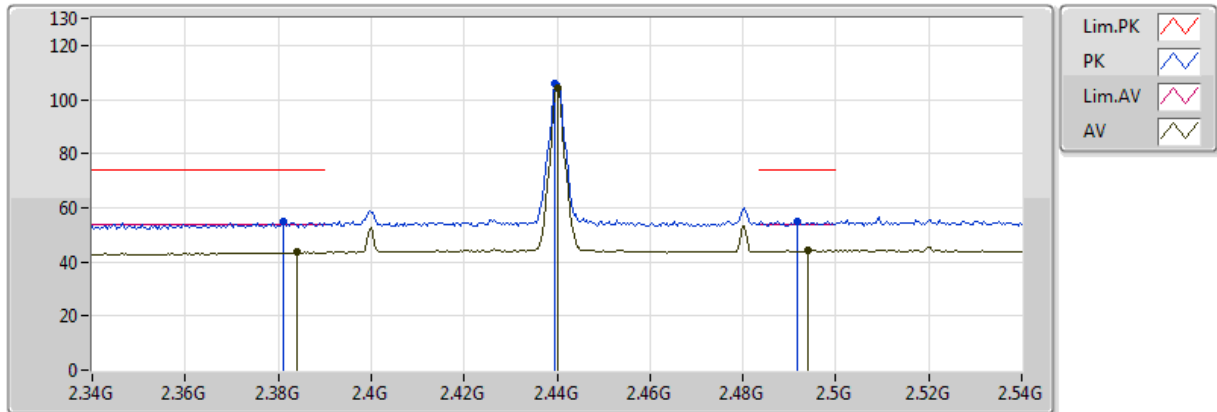


EUT = Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	2.3888G	43.57	54.00	-10.43	30.45	3	Vertical	151	1.85	-				
AV	2.44G	104.80	Inf	-Inf	30.63	3	Vertical	151	1.85	-				
AV	2.4916G	44.29	54.00	-9.71	30.82	3	Vertical	151	1.85	-				
PK	2.3844G	55.25	74.00	-18.75	30.44	3	Vertical	151	1.85	-				
PK	2.4396G	106.63	Inf	-Inf	30.63	3	Vertical	151	1.85	-				
PK	2.4976G	55.90	74.00	-18.10	30.84	3	Vertical	151	1.85	-				

BT-LE(1Mbps)

2440MHz_TX

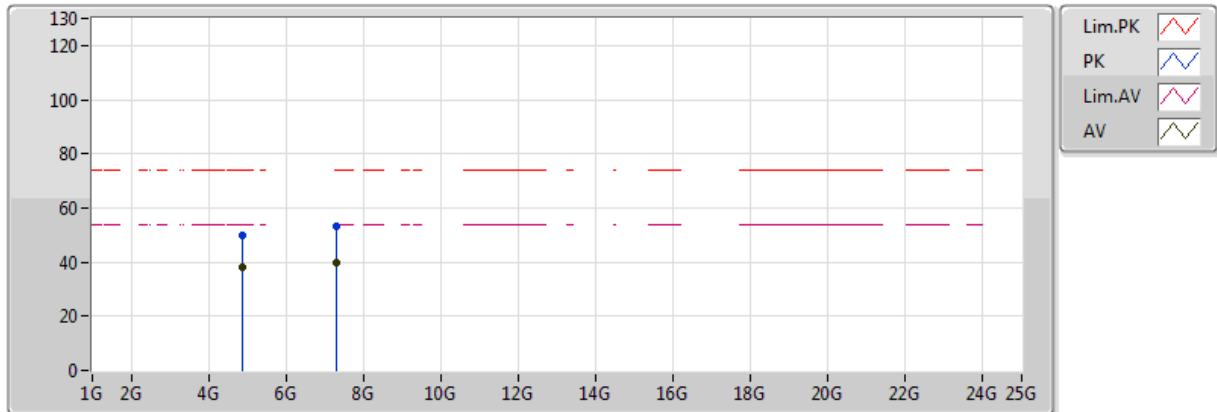


EUT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	2.384G	43.63	54.00	-10.37	30.43	3	Horizontal	346	1.99	-				
AV	2.44G	104.23	Inf	-Inf	30.63	3	Horizontal	346	1.99	-				
AV	2.494G	44.19	54.00	-9.81	30.83	3	Horizontal	346	1.99	-				
PK	2.3812G	54.91	74.00	-19.09	30.42	3	Horizontal	346	1.99	-				
PK	2.4396G	106.09	Inf	-Inf	30.63	3	Horizontal	346	1.99	-				
PK	2.4916G	55.08	74.00	-18.92	30.82	3	Horizontal	346	1.99	-				

BT-LE(1Mbps)

2440MHz_TX

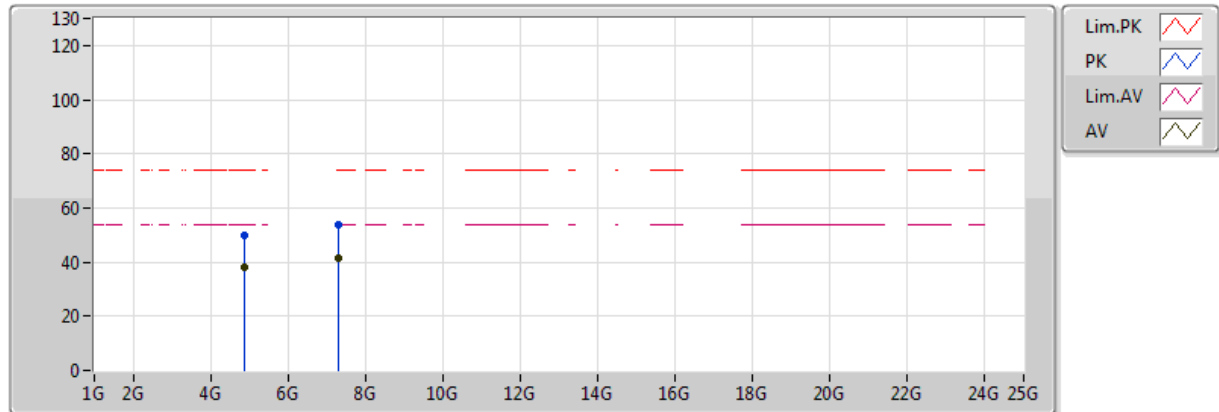


EUT = Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	4.88G	37.87	54.00	-16.13	6.02	3	Vertical	41	1.50	-				
AV	7.32G	39.91	54.00	-14.09	11.35	3	Vertical	179	1.41	-				
PK	4.88G	49.91	74.00	-24.09	6.02	3	Vertical	41	1.50	-				
PK	7.32G	53.34	74.00	-20.66	11.35	3	Vertical	179	1.41	-				

BT-LE(1Mbps)

2440MHz_TX

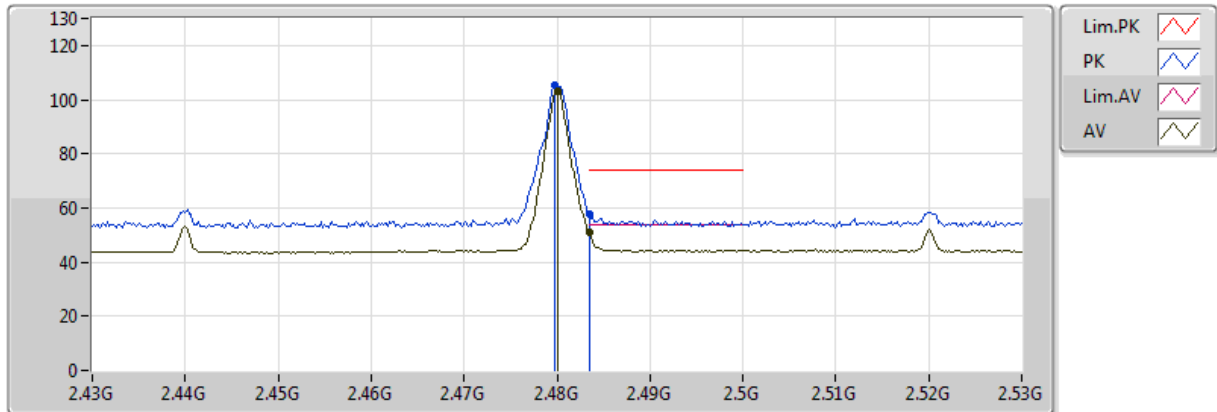


EUT = Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	4.88G	38.15	54.00	-15.85	6.02	3	Horizontal	215	2.03	-				
AV	7.32G	41.35	54.00	-12.65	11.35	3	Horizontal	87	1.99	-				
PK	4.88G	50.14	74.00	-23.86	6.02	3	Horizontal	215	2.03	-				
PK	7.32G	53.70	74.00	-20.30	11.35	3	Horizontal	87	1.99	-				

BT-LE(1Mbps)

2480MHz_TX

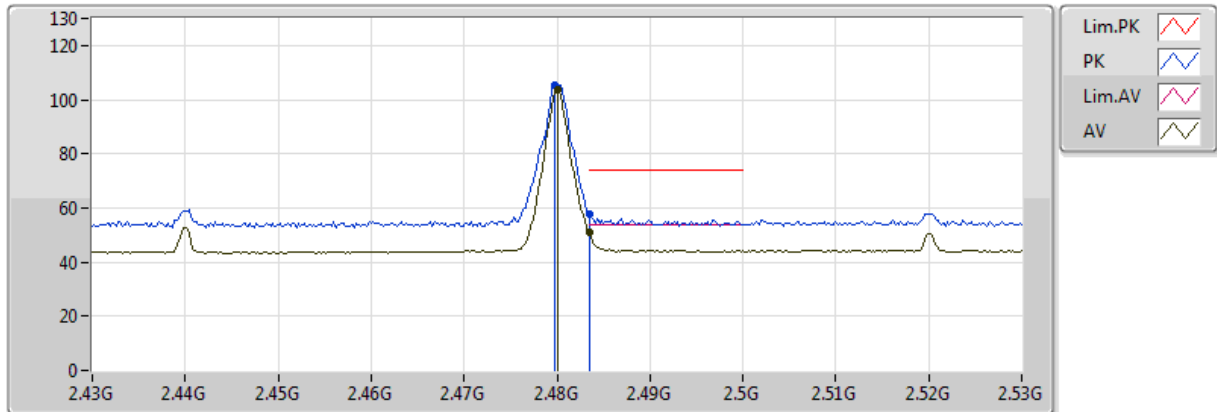


EUT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	2.48G	103.29	Inf	-Inf	30.78	3	Vertical	173	1.43	-				
AV	2.483502G	50.78	54.00	-3.22	30.79	3	Vertical	173	1.43	-				
PK	2.4798G	105.15	Inf	-Inf	30.78	3	Vertical	173	1.43	-				
PK	2.483502G	57.45	74.00	-16.55	30.79	3	Vertical	173	1.43	-				

BT-LE(1Mbps)

2480MHz_TX

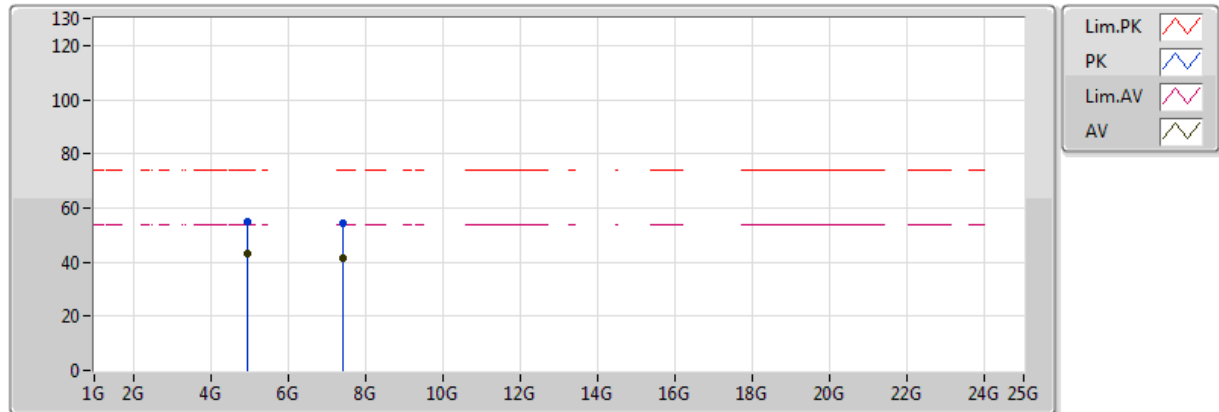


EUT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	2.48G	103.60	Inf	-Inf	30.78	3	Horizontal	349	1.20	-				
AV	2.483502G	51.14	54.00	-2.86	30.79	3	Horizontal	349	1.20	-				
PK	2.4798G	105.40	Inf	-Inf	30.78	3	Horizontal	349	1.20	-				
PK	2.483502G	57.45	74.00	-16.55	30.79	3	Horizontal	349	1.20	-				

BT-LE(1Mbps)

2480MHz_TX

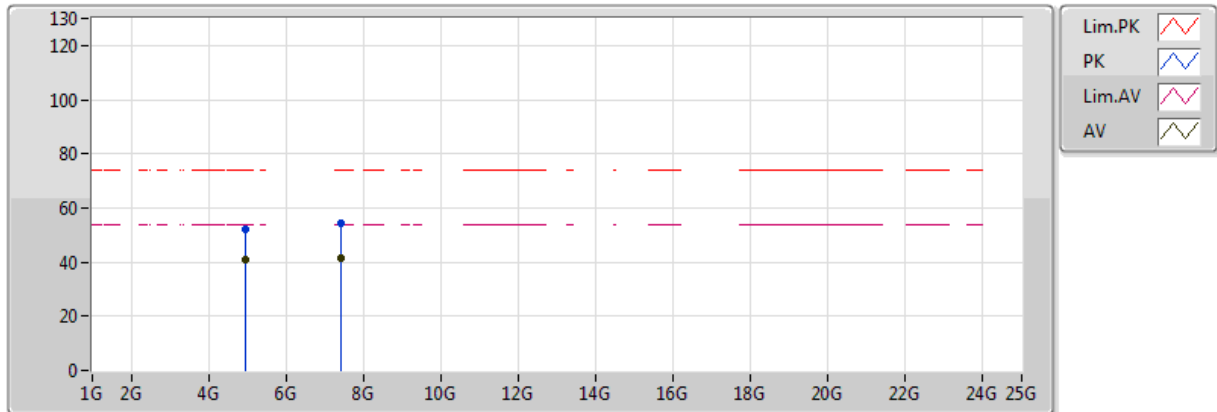


EUT = Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	4.96G	43.41	54.00	-10.59	6.21	3	Vertical	65	1.01	-				
AV	7.44G	41.29	54.00	-12.71	11.62	3	Vertical	132	2.08	-				
PK	4.96G	55.03	74.00	-18.97	6.21	3	Vertical	65	1.01	-				
PK	7.44G	54.56	74.00	-19.44	11.62	3	Vertical	132	2.08	-				

BT-LE(1Mbps)

2480MHz_TX



EUT = Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	4.96G	40.97	54.00	-13.03	6.21	3	Horizontal	162	1.50	-				
AV	7.44G	41.44	54.00	-12.56	11.62	3	Horizontal	87	1.93	-				
PK	4.96G	52.23	74.00	-21.77	6.21	3	Horizontal	162	1.50	-				
PK	7.44G	54.37	74.00	-19.63	11.62	3	Horizontal	87	1.93	-				