

NCC Test Report

Equipment : 802.11abgn+ac + Bluetooth 2.1+3.0+4.0(Module)
Brand Name : NVIDIA
Model Name : P3310
Applicant : Cisco Systems, Inc.
170 West Tasman Drive, San Jose, CA 95134, USA
Manufacturer : Cisco Systems, Inc.
170 West Tasman Drive, San Jose, CA 95134, USA
Standard : LP0002 Section 3.10 (2018-01-10)

The product was received on Sep. 13, 2018, and testing was started from Sep. 13, 2018 and completed on Sep. 26, 2018. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, 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 report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

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



Approved by: Allen Lin

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

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APPENDIX I. TEST PHOTOS

PHOTOGRAPHS OF EUT V01



History of this test report

[illegible]

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	3.10.1.4	Antenna Requirement	PASS	LP0002-2.2
3.1	2.3	AC Power-line Conducted Emissions	PASS	LP0002-2.3
3.2	3.10.1.6	20dB Bandwidth	PASS	3.10.1.6
3.2	3.10.1.6	Carrier Frequency Separation	PASS	3.10.1.6
3.3	3.10.1.2	Maximum Conducted Output Power	PASS	3.10.1.2
3.4	3.10.1.6	Number of Hopping Frequencies and Hopping Bandedge	PASS	3.10.1.6
3.5	3.10.1.6	Time of Occupancy (Dwell Time)	PASS	3.10.1.6
3.6	3.10.1.5	Emissions in Non-restricted Frequency Bands	PASS	3.10.1.5
3.7	3.10.1.5	Emissions in Restricted Frequency Bands	PASS	Restricted Bands: LP0002-2.8
3.8	2.11	Receiver Radiated Unwanted Emissions	PASS	Restricted Bands: LP0002-2.8

Reviewed by: Sam Tsai

Report Producer: Amber Chiu

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	Bluetooth Version	Ch. Frequency (MHz)	Channel Number
2400-2483.5	BR / EDR	2402-2480	0-78 [79]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	BT-BR(1Mbps)	1	1TX
2.4-2.4835GHz	BT-EDR(2Mbps)	1	1TX
2.4-2.4835GHz	BT-EDR(3Mbps)	1	1TX

Note:

- Bluetooth BR uses a GFSK (1Mbps).
- Bluetooth EDR uses a combination of $\pi/4$ -DQPSK (2Mbps) and 8DPSK (3Mbps).
- Bluetooth BR/EDR uses as a system using FHSS modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector
1	Shanghai Amphenol Airwave	CI8717-15-000-R	PCB Antenna	I-PEX
2	Shanghai Amphenol Airwave	CI8717-15-000-R	PCB Antenna	I-PEX
3	Shanghai Amphenol Airwave	CI8904-02-000-R	Dipole Antenna	I-PEX
4	Shanghai Amphenol Airwave	CI8904-02-000-R	Dipole Antenna	I-PEX

Ant.	Port	Gain (dBi)					
		2.4G	BT	5G			
				U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
1	1	6.02	6.02	5.53	6.48	7.91	5.38
2	2	6.02	-	5.53	6.48	7.91	5.38
3	1	4.58	4.58	3.52	4.48	3.75	4.06
4	2	4.58	-	3.52	4.48	3.75	4.06

Note: The EUT has two antenna configurations.

Type 1: Antenna 1(port 1) + Antenna 2(port 2)

Type 2: Antenna 3(port 1) + Antenna 4(port 2)

For 2.4GHz function:

For IEEE 802.11 b/g mode (1TX/1RX)

Support diversity function and pre-tested on each single chain, the worst case was Port 2 and it was record in this test report.

For IEEE 802.11 n mode (2TX/2RX)

Port 1 and Port 2 could transmit/receive simultaneously.

For 5GHz function:

For IEEE 802.11 a mode (1TX/1RX)

Support diversity function and pre-tested on each single chain, the worst case was Port 1 and it was record in this test report.

For IEEE 802.11 n/ac mode (2TX/2RX)

Port 1 and Port 2 could transmit/receive simultaneously.

For BT function:

For IEEE 802.15.1 Bluetooth mode (1TX/1RX)

Port 1 could transmit/receive simultaneously.

1.1.3 EUT Information

Identify EUT			
RF Chip	Broadcom/BCM4354		
Operational Condition			
EUT Power Type	From Switching Power Supply		
EUT Function	☒ Point-to-multipoint	☐ Point-to-point	
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) $\geq 1/T$
BT-BR(1Mbps)	0.764	1.169	2.891m	1k
BT-EDR(2Mbps)	0.778	1.09	2.9m	1k
BT-EDR(3Mbps)	0.767	1.152	2.9m	1k

1.2 Testing Applied Standards

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

- ♦ LP0002 (2018-01-10)
- ♦ KDB 558074 D01 v05
- ♦ ANSI C63.10-2013
- ♦ ANSI C63.4-2014

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
☐	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 Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-HY	Dexter	25.5°C / 65.5%	26/Sep/2018
Radiated	03CH09-HY	Andy Hsu	23.2°C / 56%	20/Sep/2018
AC Conduction	CO04-HY	Jerry Lin	24.5°C / 55.5%	22/Sep/2018

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 (9kHz ~ 30MHz)	3.0 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.9 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 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	110V

2.2 Test Channel Mode

Test Software	Dos
---------------	-----

PCB Antenna

Mode	PowerSetting
BT-BR(1Mbps)	-
2402MHz	0x9
2441MHz	0x9
2480MHz	0x9
BT-EDR(2Mbps)	-
2402MHz	0x9
2441MHz	0x9
2480MHz	0x9
BT-EDR(3Mbps)	-
2402MHz	0x9
2441MHz	0x9
2480MHz	0x9

Dipole Antenna

Mode	PowerSetting
BT-BR(1Mbps)	-
2402MHz	0x9
2441MHz	0x9
2480MHz	0x9
BT-EDR(2Mbps)	-
2402MHz	0x9
2441MHz	0x9
2480MHz	0x9
BT-EDR(3Mbps)	-
2402MHz	0x9
2441MHz	0x9
2480MHz	0x9

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 / CRX
1	Switching Power Supply ; PCB Antenna
2	Switching Power Supply ; Dipole Antenna

The Worst Case Mode for Following Conformance Tests	
Tests Item	20dB Bandwidth Carrier Frequency Separation Maximum Conducted Output Power Number of Hopping Frequencies Hopping Bandedge Time of Occupancy (Dwell Time) 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 Receiver Radiated Unwanted Emissions
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	CTX / CRX
1	Switching Power Supply ; PCB Antenna
2	Switching Power Supply ; Dipole Antenna
Orthogonal Planes of EUT	Z Plane
	
Worst Planes of EUT	V

Note.

Non-AFH: DH5 Packet permit maximum $1600 / 79 / 6 = 3.37$ hops per second in each channel (5 time slots RX, 1 time slot TX). So, the dwell time is the time duration of the pulse times $3.37 \times 1.185 = 4$ within 1.185 seconds.

AFH: DH5 Packet permit maximum $800 / 20 / 6 = 6.67$ hops per second in each channel (5 time slots RX, 1 time slot TX). So, the dwell time is the time duration of the pulse times $13.33 \times 8 = 106.6$ within 8 seconds.

Under the above conditions, Non-AFH Mode configuration was found to be the worst case and measured during the test.

2.4 Support Equipment

Support Equipment – RF Conducted				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Notebook	DELL	E5410	DoC
2	Adapter for NB	DELL	HA65NM130	DoC
3	Fixture	-	-	-

Note: Support equipment No.3 was provided by customer.

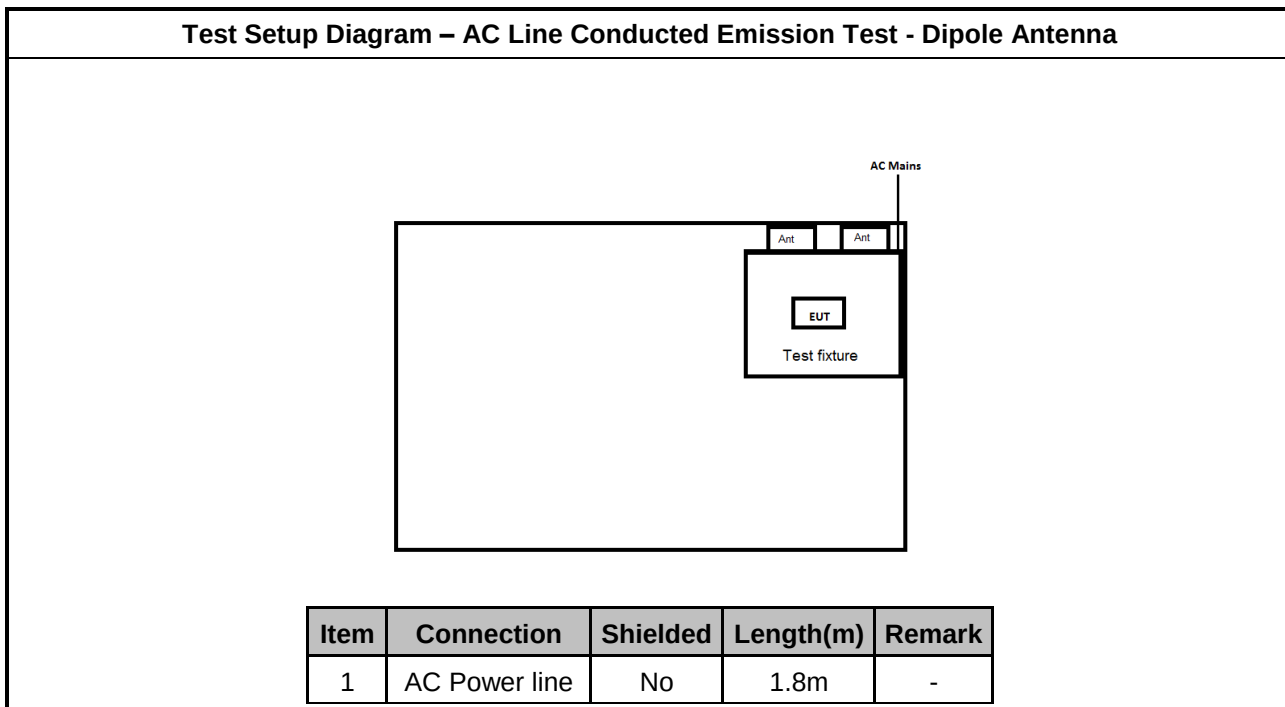
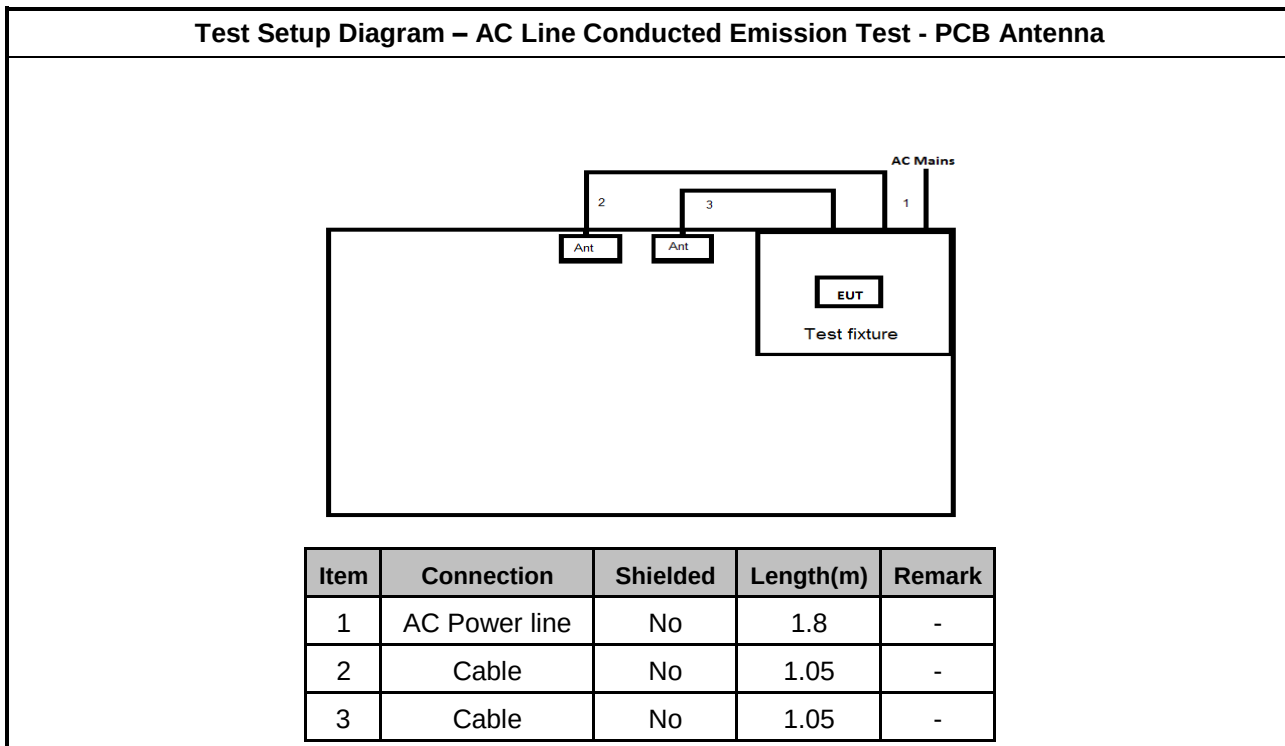
Support Equipment – Radiated Emission				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Fixture	-	-	-

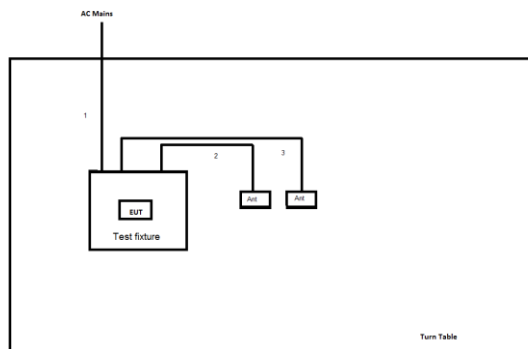
Note: Support equipment No.1 was provided by customer.

Support Equipment – AC Conduction				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Fixture	-	-	-

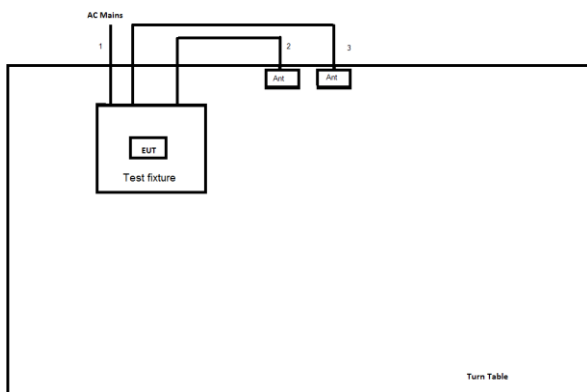
Note: Support equipment No.1 was provided by customer.

2.5 Test Setup Diagram

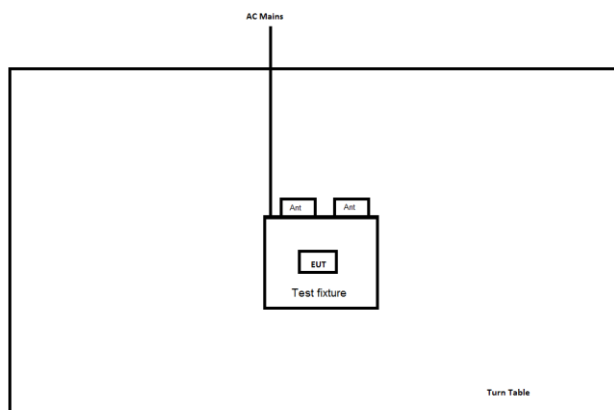


Test Setup Diagram - Radiated Test TX - PCB Antenna


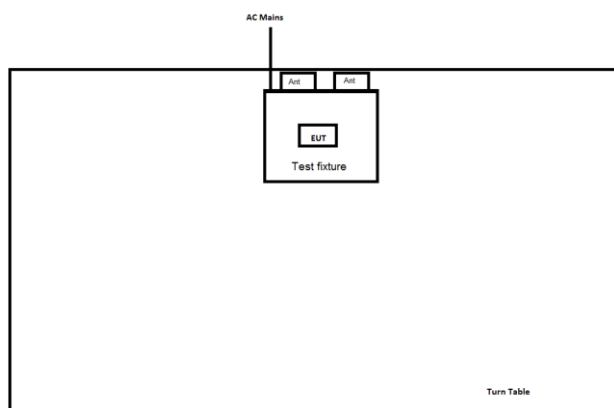
Item	Connection	Shielded	Length(m)	Remark
1	AC Power line	No	1.8	-
2	Antenna Cable	No	1.05	-
3	Antenna Cable	No	1.05	-

Test Setup Diagram - Radiated Test RX - PCB Antenna


Item	Connection	Shielded	Length(m)	Remark
1	AC Power line	No	1.8	-
2	Antenna Cable	No	1.05	-
3	Antenna Cable	No	1.05	-

Test Setup Diagram - Radiated Test TX - Dipole Antenna


Item	Connection	Shielded	Length(m)	Remark
1	AC Power line	No	1.8	-

Test Setup Diagram - Radiated Test RX - Dipole Antenna


Item	Connection	Shielded	Length(m)	Remark
1	AC Power line	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.

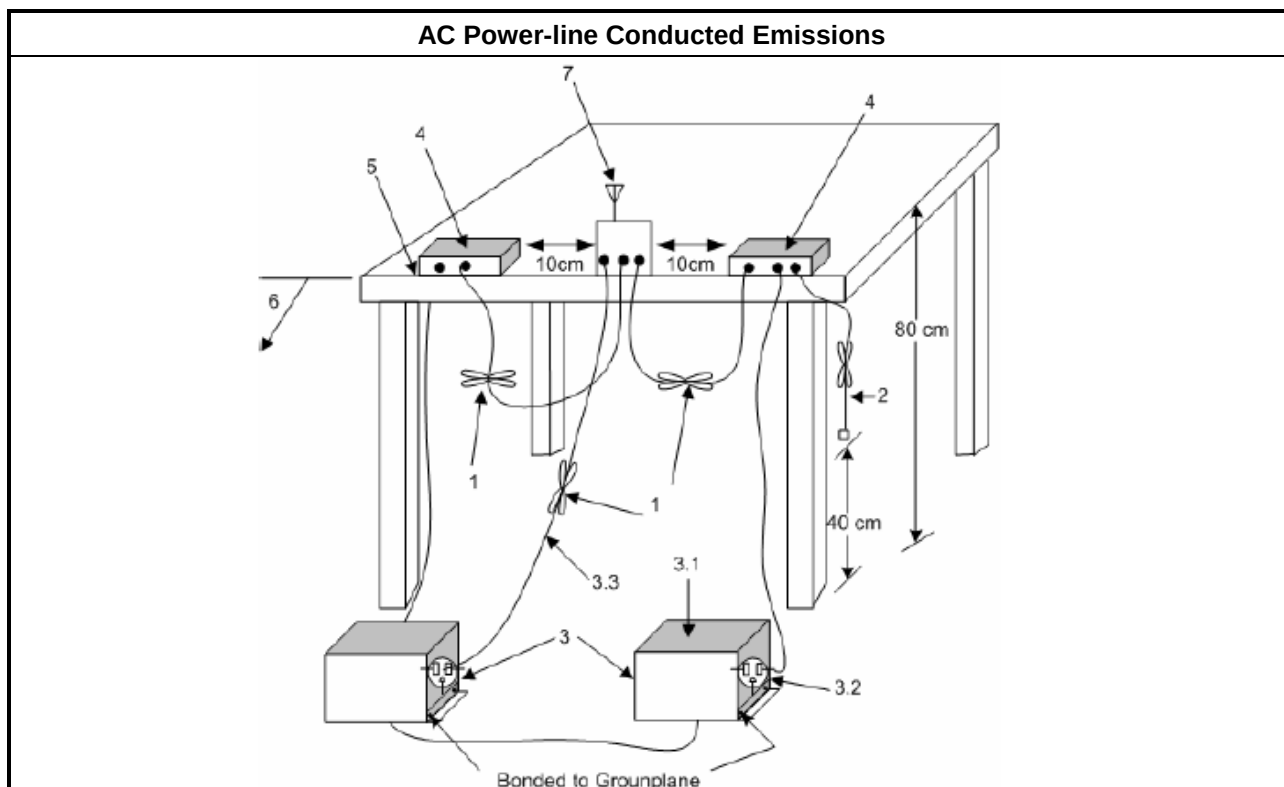
3.1.2 Measuring Instruments

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 20dB Bandwidth and Carrier Frequency Separation

3.2.1 20dB Bandwidth and Carrier Frequency Separation Limit

20dB Bandwidth and Carrier Frequency Separation Limit for Frequency Hopping Systems	
2400-2483.5 MHz Band:	
	$N \geq 75$ and $ChS \geq MAX$ (20 dB bandwidth, 25 kHz).
	$75 > N \geq 15$ and $ChS \geq MAX$ (20 dB bandwidth 2/3, 25 kHz).
N: Number of Hopping Frequencies; ChS: Hopping Channel Separation	

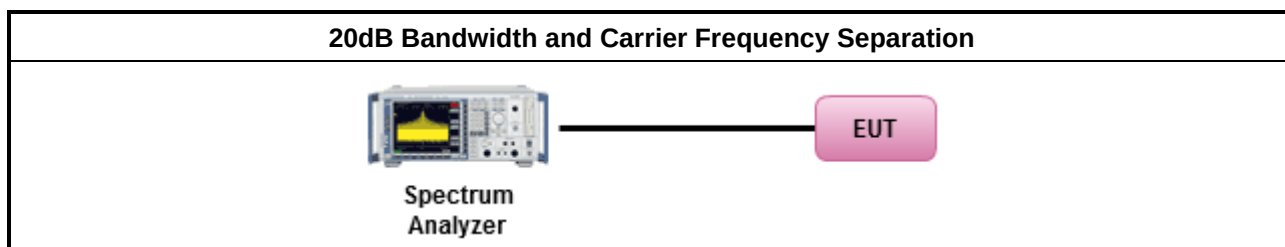
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method
Refer as ANSI C63.10-2013, clause 6.9.2 for 20 dB bandwidth measurement.
Refer as ANSI C63.10-2013, clause 7.8.2 for carrier frequency separation measurement.

3.2.4 Test Setup



3.2.5 Test Result of 20dB Bandwidth

Refer as Appendix B

3.2.6 Test Result of Carrier Frequency Separation

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
2400-2483.5 MHz Band:	
	$N \geq 75$; Power 30dBm; EIRP 36dBm
	$75 > N \geq 15$; Power 21dBm; EIRP 27dBm
N: Number of Hopping Frequencies	

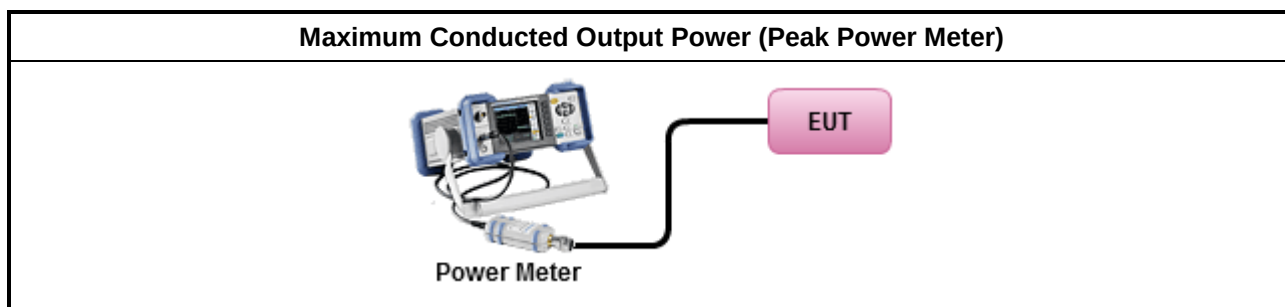
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method
Refer as ANSI C63.10-2013, clause 7.8.5 for output power measurement.

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Number of Hopping Frequencies and Hopping Bandedge

3.4.1 Number of Hopping Frequencies Limit

Number of Hopping Frequencies Limit	
2400-2483.5 MHz Band:	
	$N \geq 75$ and $ChS \geq MAX$ (20 dB bandwidth, 25 kHz).
	$75 > N \geq 15$ and $ChS \geq MAX$ (20 dB bandwidth 2/3, 25 kHz).
N: Number of Hopping Frequencies; ChS : Hopping Channel Separation	

3.4.2 Hopping Bandedge Limit

Refer clause 3.6.1 and clause 3.7.1

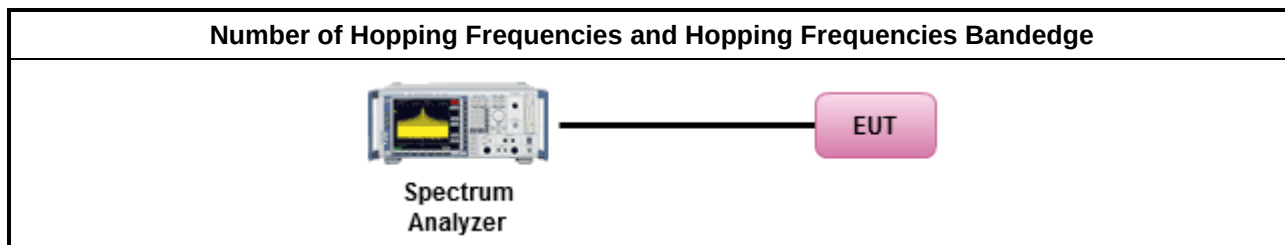
3.4.3 Measuring Instruments

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

3.4.4 Test Procedures

Test Method
Refer as ANSI C63.10-2013, clause 7.8.3 for number of hopping frequencies measurement.
Refer as ANSI C63.10-2013, clause 7.8.6 for hopping frequencies Bandedge measurement.

3.4.5 Test Setup



3.4.6 Test Result of Number of Hopping Frequencies

Refer as Appendix D

3.4.7 Test Result of Number of Hopping Frequencies Bandedge

Refer as Appendix D

3.5 Time of Occupancy (Dwell Time)

3.5.1 Time of Occupancy (Dwell Time) Limit

Time of Occupancy (Dwell Time) Limit for Frequency Hopping Systems	
2400-2483.5 MHz Band:	
	$N \geq 75$; 0.4s in $N \times 0.4$ period
	$75 > N \geq 15$; 0.4s in $N \times 0.4$ period
N: Number of Hopping Frequencies	

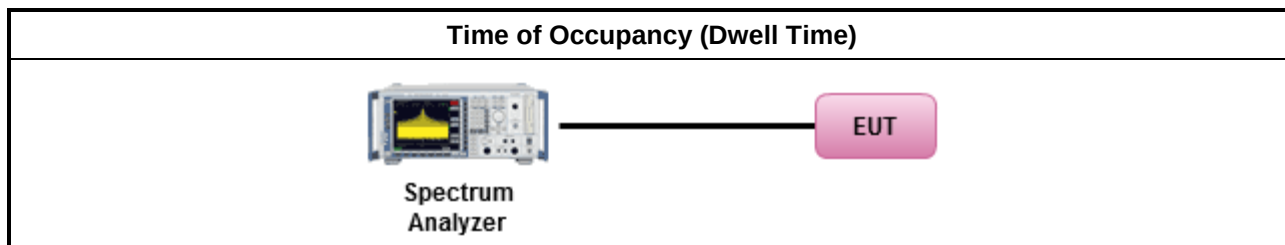
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method	
Refer as ANSI C63.10-2013, clause 7.8.4 for dwell time measurement.	
Bluetooth ACL packets can be 1, 3, or 5 time slots. Following as dwell time. Operate DH5 at maximum dwell time and maximum duty cycle.	
	The DH5 packet can cover up to 5 time slots. Operate DH5 at maximum dwell time and maximum duty cycle. A maximum length packet has duration of 5 time slots. The hopping rate is 1600 hops/second so the maximum dwell time is $5/1600$ seconds, or 3.125ms. DH5 Packet permit maximum $1600 / 79 / 6 = 3.37$ hops per second in each channel.

3.5.4 Test Setup



3.5.5 Test Result of Time of Occupancy (Dwell Time)

Refer as Appendix E

3.6 Emissions in Non-restricted Frequency Bands

3.6.1 Emissions in Non-restricted Frequency Bands Limit

Un-restricted Band Emissions Limit	
RF output power procedure	Limit (dB)
Peak output power procedure	20
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.	

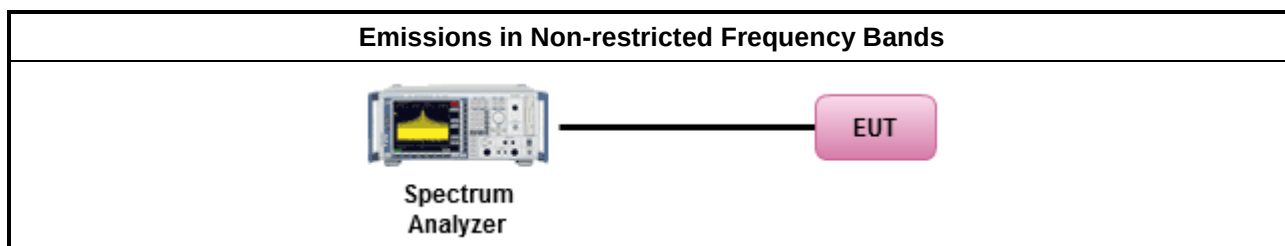
3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

Test Method
Refer as ANSI C63.10-2013, clause 7.8.8 for unwanted emissions into non-restricted bands.

3.6.4 Test Setup



3.6.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix F

3.7 Emissions in Restricted Frequency Bands

3.7.1 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.

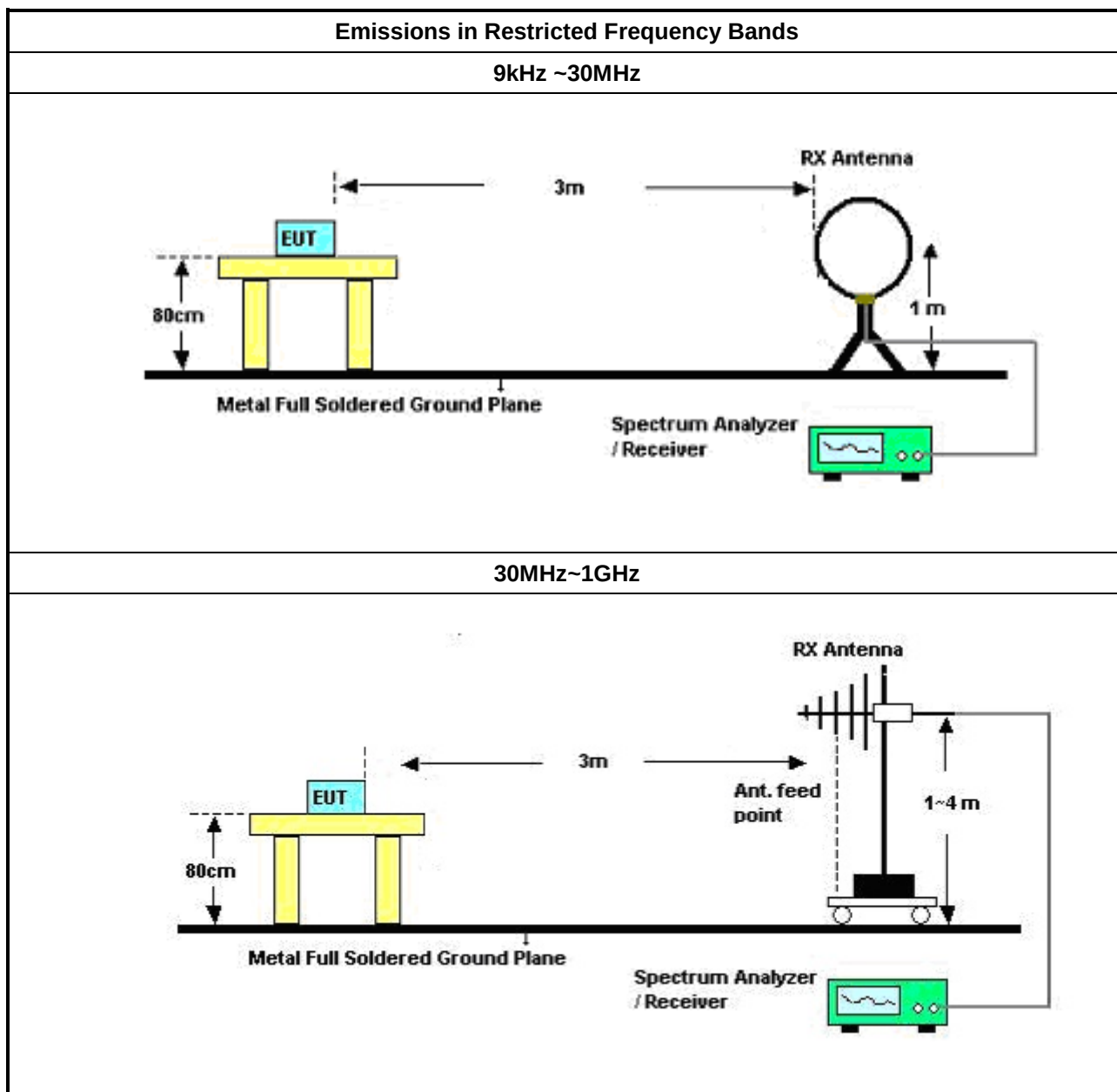
3.7.2 Measuring Instruments

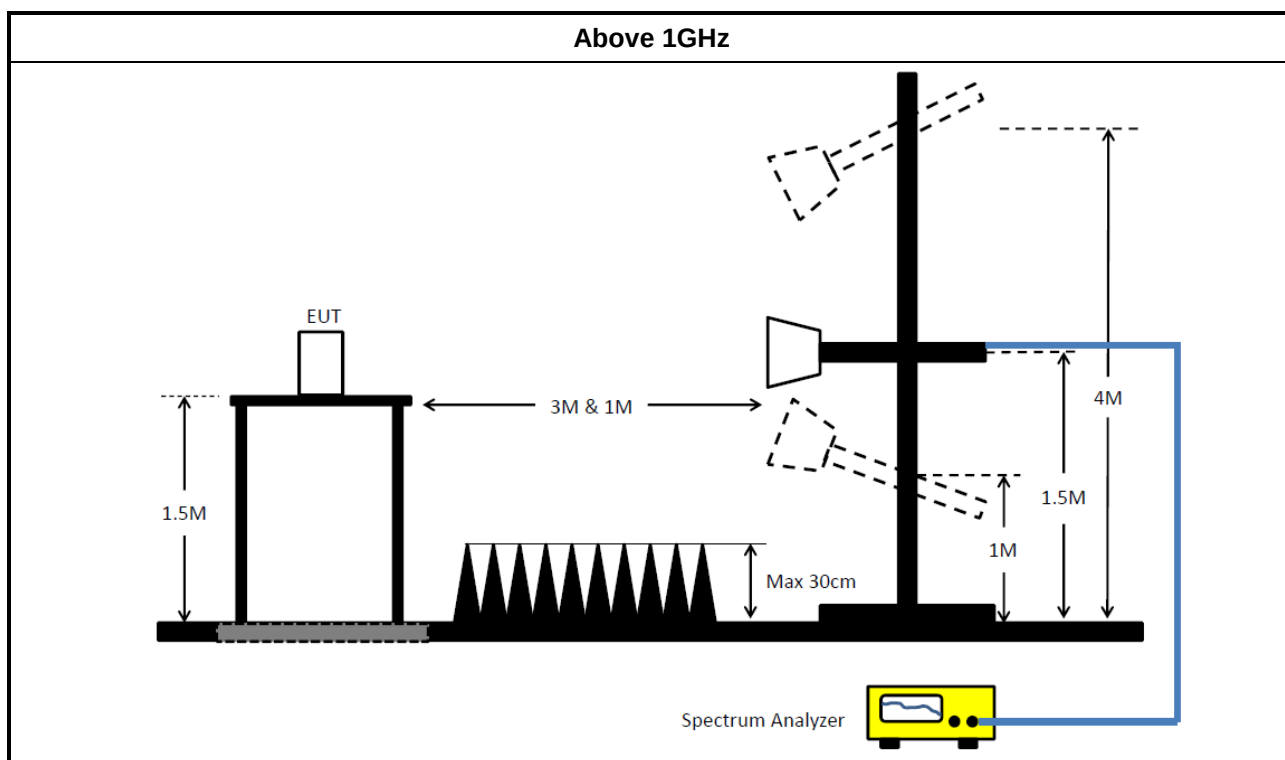
Refer a test equipment and calibration data table in this test report.

3.7.3 Test Procedures

Test Method	
▪ The average emission levels shall be measured in [hopping duty factor].	
▪ Refer as ANSI C63.10; clause 6.9.2.2 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 ANSI C63.10, clause 4.1.4.2.1 QP value.
	▪ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak.
	▪ Refer as ANSI C63.10, clause 4.1.4.2.4 average value of hopping pulsed emissions.

3.7.4 Test Setup





3.7.5 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.

3.7.6 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix G

3.8 Receiver Radiated Spurious Emissions

3.8.1 Receiver in Radiated Spurious Emissions Limit

Restricted Spurious 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.

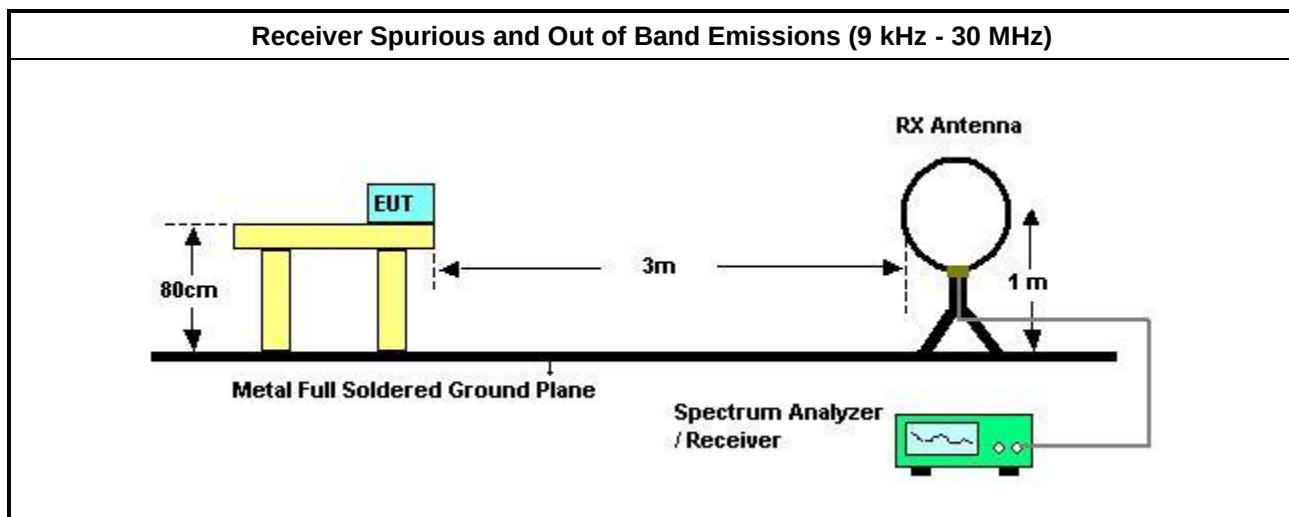
3.8.2 Measuring Instruments

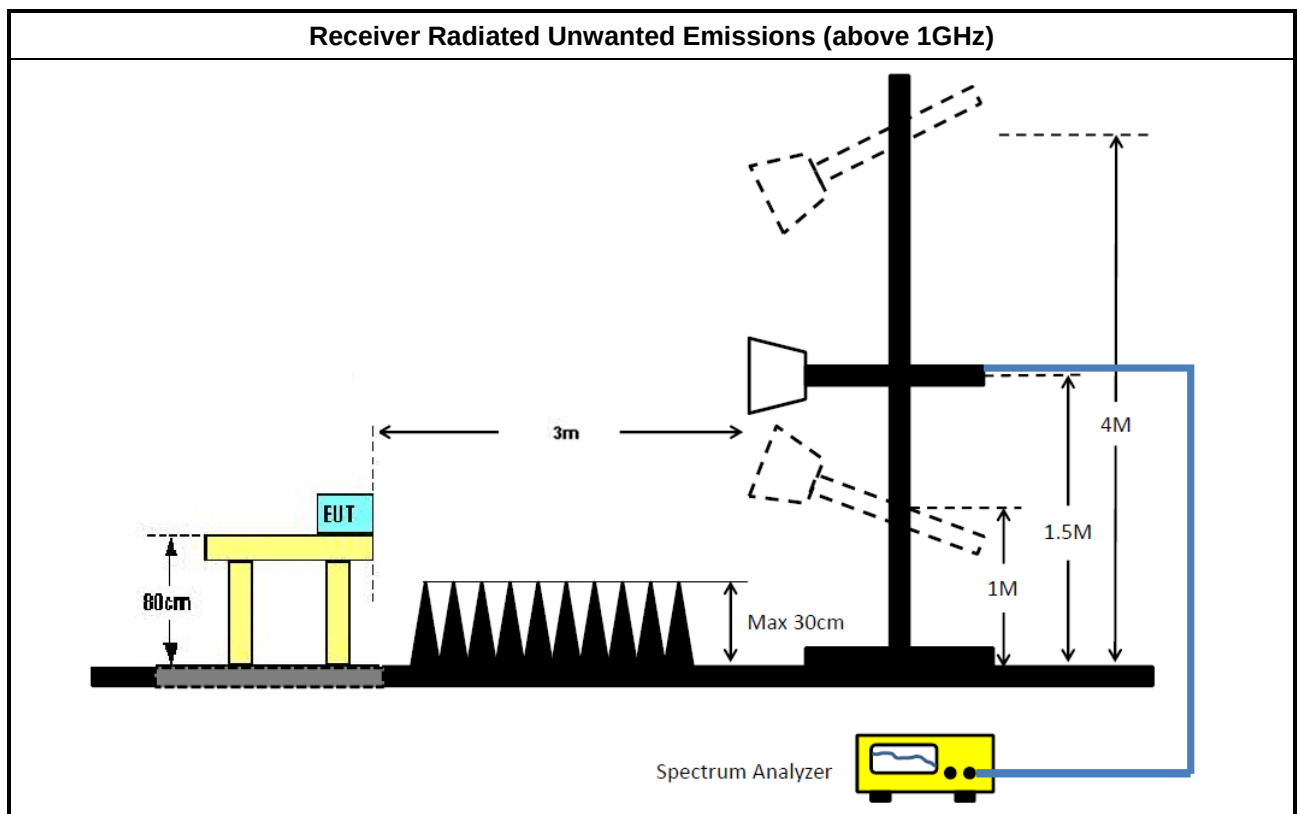
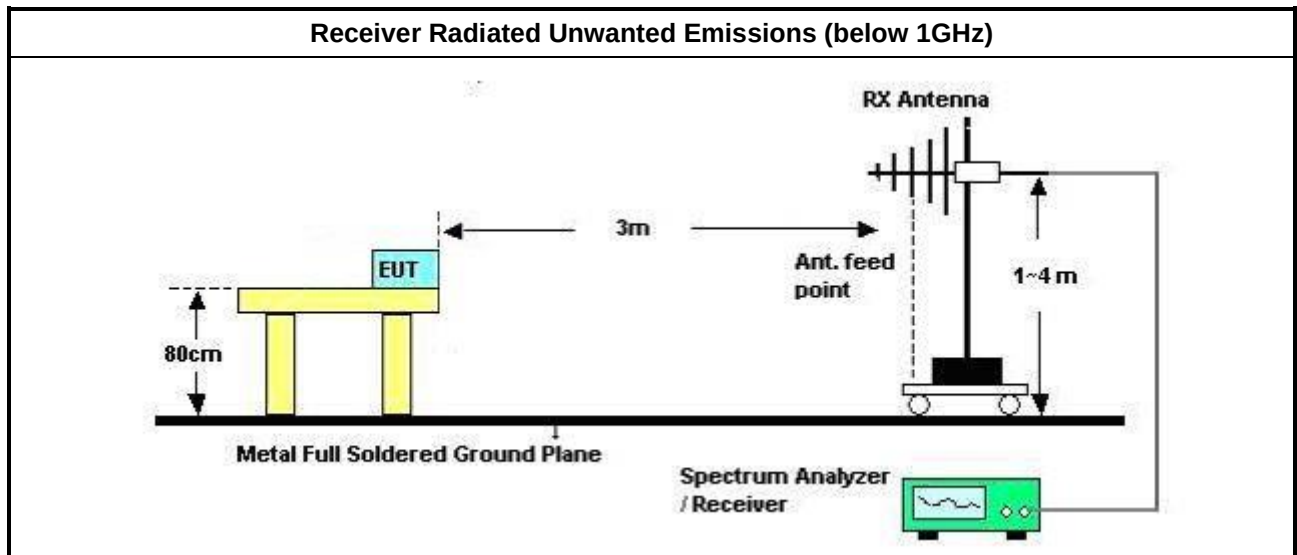
Refer a test equipment and calibration data table in this test report.

3.8.3 Test Procedures

Test Method	
☒	The search for spurious emissions shall be from the lowest frequency internally generated or used in the receiver (e.g. local oscillator, intermediate or carrier frequency), or 30 MHz, whichever is higher, to at least 3 times the highest tuneable or local oscillator frequency, whichever is higher, without exceeding 40 GHz.
☒	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).
☒	For radiated measurement, refer as ANSI C63.4, clause 8.3.
☒	Refer as ANSI C63.4, clause 8.3.1.1 and 8.3.2.1 for radiated emissions from below 30 MHz.
☒	Refer as ANSI C63.4, clause 8.3.1.1 and 8.3.2.1 for radiated emissions from 30 MHz-1 GHz. For the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the QP-Limit so that the QP level does not need to be reported in addition.
☒	Refer as ANSI C63.4, clause 8.3.1.2 and 8.3.2.2 for radiated emissions from above 1 GHz. For the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
☒	All amplitude of spurious emissions that are attenuated by more than 30 dB below the permissible value has no need to be reported.

3.8.4 Test Setup





3.8.5 Receiver Radiated Unwanted Emissions (Below 30MHz)

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

3.8.6 Test Result of Receiver Radiated Unwanted Emissions

Refer as Appendix H

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	ESR	102051	9KHz ~ 3.6GHz	03/May/2018	02/May/2019
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	17/Nov/2017	16/Nov/2018
RF Cable-CON	HUBER+SUHNER	RG213/U	07611832020001	9kHz ~ 30MHz	06/Oct/2017	05/Oct/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	12/Oct/2017	11/Oct/2018

NCR : Non-Calibration Require

Instrument for Radiated Test

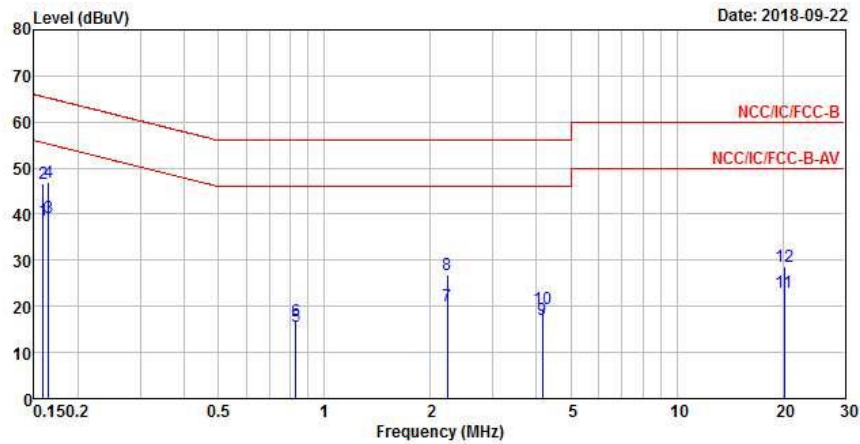
Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz ~ 1GHz	23/Apr/2018	22/Apr/2019
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz ~ 18GHz	14/Jun/2018	13/Jun/2019
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz ~ 26.5GHz	10/May/2018	09/May/2019
Amplifier	EMC	EMC9135	980232	9KHz~1GHz	27/Apr/2018	26/Apr/2019
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz ~ 44GHz	31/Jul/2018	30/Jul/2019
Bilog Antenna & 6dB Attenuator	SCHAFFNER/Yi Chang	CBL6111C / MTJ61202	2724 / MTJ61202-06	30MHz~1GHz	07/Jul/2018	06/Jul/2019
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA9120 D 1534	1GHz~18GHz	30/Apr/2018	29/Apr/2019
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170614	18GHz~40GHz	09/Feb/2018	08/Feb/2019
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz ~ 40GHz	24/Aug/2018	23/Aug/2019
Loop Antenna	TESEQ	HLA 6120	31244	9k-30MHz	29/Mar/2018	28/Mar/2019
RF Cable-R03m	Jye Bao	RG142	CB031	9kHz ~ 1GHz	1/Feb/2018	31/Jan/2019
RF Cable-high	HUBER+SUHNER	SUCOFLEX104	SN 556626/4 + 556627	1GHz ~ 40GHz	14/Mar/2018	13/Mar/2019
EMI Test Receiver	Rohde & Schwarz	ESCS 30	100354	9kHz ~ 2.75GHz	08/Dec/2017	07/Dec/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	05/Feb/2018	04/Feb/2019
Signal Generator	R&S	SMB100A	175727	100kHz~40GHz	26/Oct/2017	25/Oct/2018
Power Sensor	Anritsu	MA2411B	0917017	300MHz ~ 40GHz	05/Feb/2018	04/Feb/2019
Power Meter	Anritsu	ML2495A	0949003	300MHz ~ 40GHz	05/Feb/2018	04/Feb/2019
Cable 0.2m	HUBER	MY10710/4	RF Cable - 01	1G~18G	11/Jan/2018	10/Jan/2019
Cable 0.2m	HUBER	MY10710/4	RF Cable - 01	30MHz~1G	11/Jan/2018	10/Jan/2019
Cable 0.5m	HUBER	MY10714/4	RF Cable – 05	1G~18G	11/Jan/2018	10/Jan/2019

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Neutral
Operating Function	Switching Power Supply ; PCB Antenna - TX		

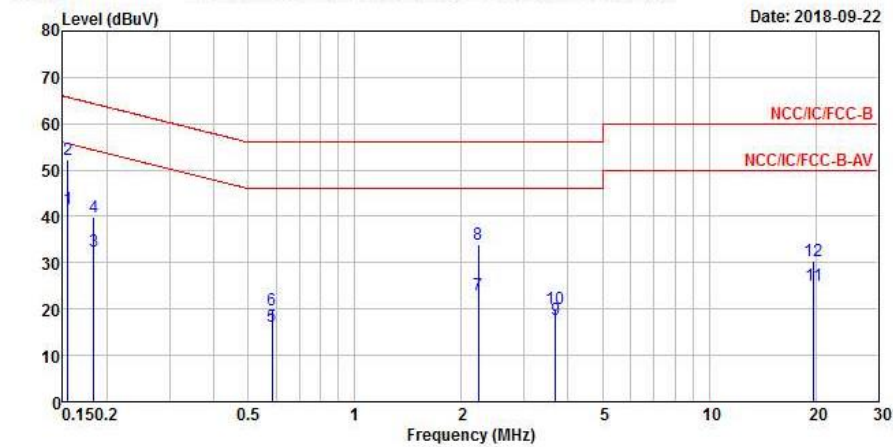


	Freq	Level	Over Limit	Limit Line	Read Level	LISM Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.16	38.80	-16.72	55.52	29.14	9.63	0.03	Average
2	0.16	46.53	-18.99	65.52	36.87	9.63	0.03	QP
3 MAX	0.17	39.29	-15.92	55.21	29.63	9.63	0.03	Average
4	0.17	46.95	-18.26	65.21	37.29	9.63	0.03	QP
5	0.83	15.52	-30.48	46.00	5.88	9.62	0.02	Average
6	0.83	16.97	-39.03	56.00	7.33	9.62	0.02	QP
7	2.24	20.20	-25.80	46.00	10.56	9.63	0.01	Average
8	2.24	26.99	-29.01	56.00	17.35	9.63	0.01	QP
9	4.16	17.13	-28.87	46.00	7.40	9.64	0.09	Average
10	4.16	19.47	-36.53	56.00	9.74	9.64	0.09	QP
11	20.16	23.14	-26.86	50.00	13.24	9.71	0.19	Average
12	20.16	28.77	-31.23	60.00	18.87	9.71	0.19	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	Switching Power Supply ; PCB Antenna - TX		

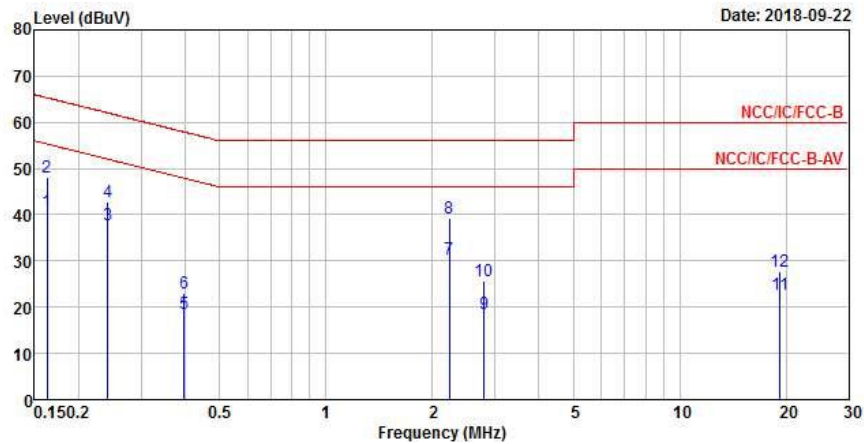


	Freq	Level	Over	Limit	Read	LISN	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
			dB	dBuV	dBuV	dB	dB	
1	0.15	41.65	-14.09	55.74	31.99	9.62	0.04	Average
2 MAX	0.15	52.39	-13.35	65.74	42.73	9.62	0.04	QP
3	0.18	32.43	-21.90	54.33	22.80	9.62	0.01	Average
4	0.18	39.75	-24.58	64.33	30.12	9.62	0.01	QP
5	0.59	16.37	-29.63	46.00	6.70	9.61	0.06	Average
6	0.59	19.82	-36.18	56.00	10.15	9.61	0.06	QP
7	2.24	23.14	-22.86	46.00	13.51	9.62	0.01	Average
8	2.24	34.08	-21.92	56.00	24.45	9.62	0.01	QP
9	3.68	17.57	-28.43	46.00	7.86	9.63	0.08	Average
10	3.68	20.19	-35.81	56.00	10.48	9.63	0.08	QP
11	19.74	25.10	-24.90	50.00	15.29	9.62	0.19	Average
12	19.74	30.31	-29.69	60.00	20.50	9.62	0.19	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	Neutral
Operating Function	Switching Power Supply ; PCB Antenna - RX		

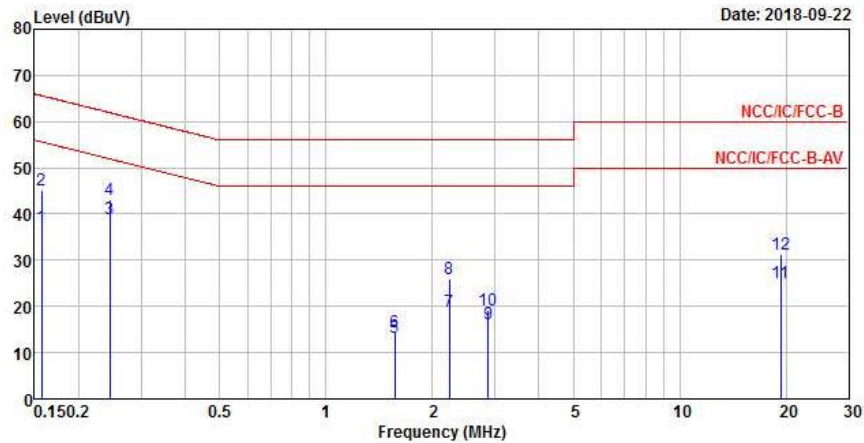


	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.16	40.87	-14.47	55.34	31.21	9.63	0.03	Average
2	0.16	48.23	-17.11	65.34	38.57	9.63	0.03	QP
3 MAX	0.24	37.77	-14.27	52.04	28.12	9.62	0.03	Average
4	0.24	42.94	-19.10	62.04	33.29	9.62	0.03	QP
5	0.40	18.67	-29.23	47.90	8.96	9.61	0.10	Average
6	0.40	23.17	-34.73	57.90	13.46	9.61	0.10	QP
7	2.24	30.37	-15.63	46.00	20.73	9.63	0.01	Average
8	2.24	39.14	-16.86	56.00	29.50	9.63	0.01	QP
9	2.79	18.53	-27.47	46.00	8.86	9.63	0.04	Average
10	2.79	25.77	-30.23	56.00	16.10	9.63	0.04	QP
11	19.22	22.72	-27.28	50.00	12.84	9.71	0.17	Average
12	19.22	27.81	-32.19	60.00	17.93	9.71	0.17	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	Switching Power Supply ; PCB Antenna - RX		

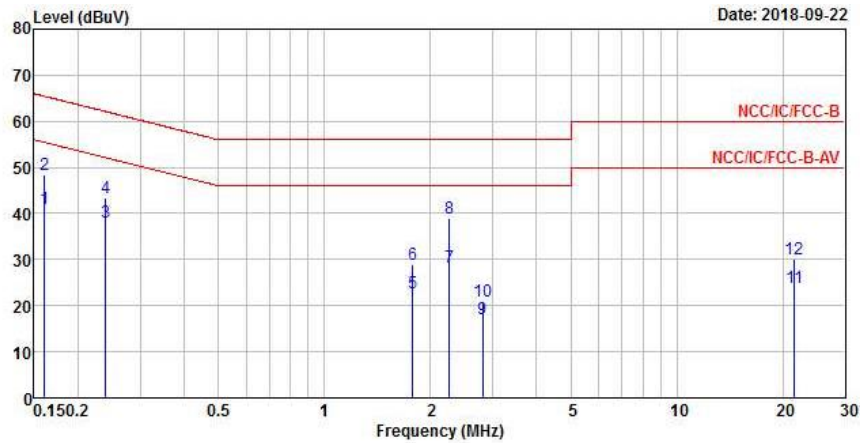


	Freq	Level	Over Limit	Limit Line	Read Level	LISM Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.16	37.06	-18.54	55.60	27.40	9.62	0.04	Average
2	0.16	45.19	-20.41	65.60	35.53	9.62	0.04	QP
3 MAX	0.24	38.90	-13.05	51.95	29.25	9.62	0.03	Average
4	0.24	43.24	-18.71	61.95	33.59	9.62	0.03	QP
5	1.57	13.20	-32.80	46.00	3.58	9.62	0.00	Average
6	1.57	14.42	-41.58	56.00	4.80	9.62	0.00	QP
7	2.24	18.79	-27.21	46.00	9.16	9.62	0.01	Average
8	2.24	25.98	-30.02	56.00	16.35	9.62	0.01	QP
9	2.87	16.29	-29.71	46.00	6.62	9.63	0.04	Average
10	2.87	19.13	-36.87	56.00	9.46	9.63	0.04	QP
11	19.33	25.18	-24.82	50.00	15.38	9.62	0.18	Average
12	19.33	31.38	-28.62	60.00	21.58	9.62	0.18	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	2	Power Phase	Neutral
Operating Function	Switching Power Supply ; Dipole Antenna - TX		

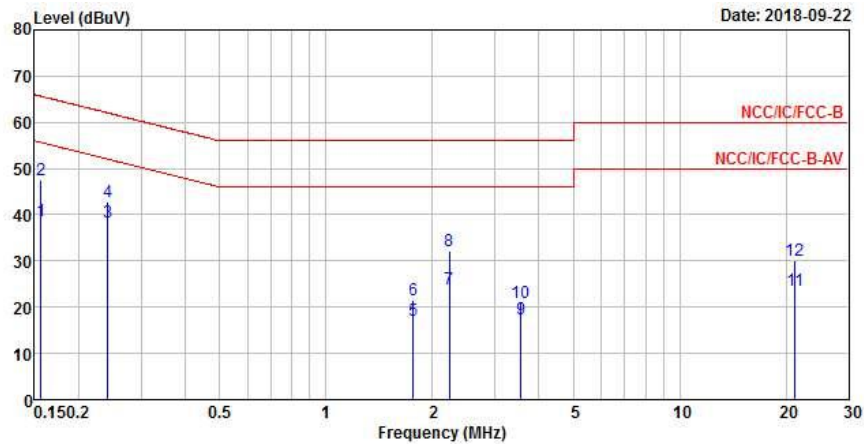


	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.16	40.94	-14.49	55.43	31.28	9.63	0.03	Average
2	0.16	48.30	-17.13	65.43	38.64	9.63	0.03	QP
3 MAX	0.24	38.06	-14.07	52.13	28.41	9.62	0.03	Average
4	0.24	43.52	-18.61	62.13	33.87	9.62	0.03	QP
5	1.78	22.82	-23.18	46.00	13.19	9.63	0.00	Average
6	1.78	29.04	-26.96	56.00	19.41	9.63	0.00	QP
7	2.26	28.45	-17.55	46.00	18.80	9.63	0.02	Average
8	2.26	38.88	-17.12	56.00	29.23	9.63	0.02	QP
9	2.81	17.20	-28.80	46.00	7.53	9.63	0.04	Average
10	2.81	20.83	-35.17	56.00	11.16	9.63	0.04	QP
11	21.60	24.02	-25.98	50.00	14.18	9.71	0.13	Average
12	21.60	30.19	-29.81	60.00	20.35	9.71	0.13	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	2	Power Phase	Line
Operating Function	Switching Power Supply ; Dipole Antenna - TX		

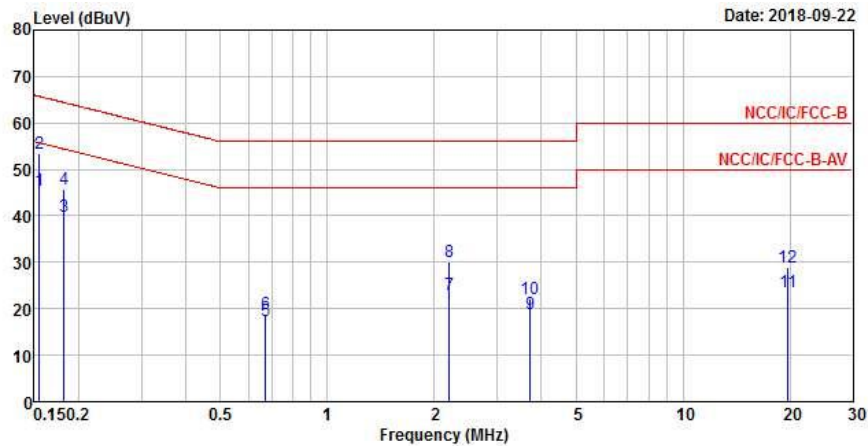


	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.16	38.68	-16.97	55.65	29.02	9.62	0.04	Average
2	0.16	47.47	-18.18	65.65	37.81	9.62	0.04	QP
3 MAX	0.24	38.23	-13.81	52.04	28.58	9.62	0.03	Average
4	0.24	42.82	-19.22	62.04	33.17	9.62	0.03	QP
5	1.76	17.13	-28.87	46.00	7.51	9.62	0.00	Average
6	1.76	21.53	-34.47	56.00	11.91	9.62	0.00	QP
7	2.24	23.84	-22.16	46.00	14.21	9.62	0.01	Average
8	2.24	32.08	-23.92	56.00	22.45	9.62	0.01	QP
9	3.57	17.40	-28.60	46.00	7.70	9.63	0.07	Average
10	3.57	21.00	-35.00	56.00	11.30	9.63	0.07	QP
11	21.15	23.55	-26.45	50.00	13.80	9.60	0.15	Average
12	21.15	30.14	-29.86	60.00	20.39	9.60	0.15	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	2	Power Phase	Neutral
Operating Function	Switching Power Supply ; Dipole Antenna - RX		

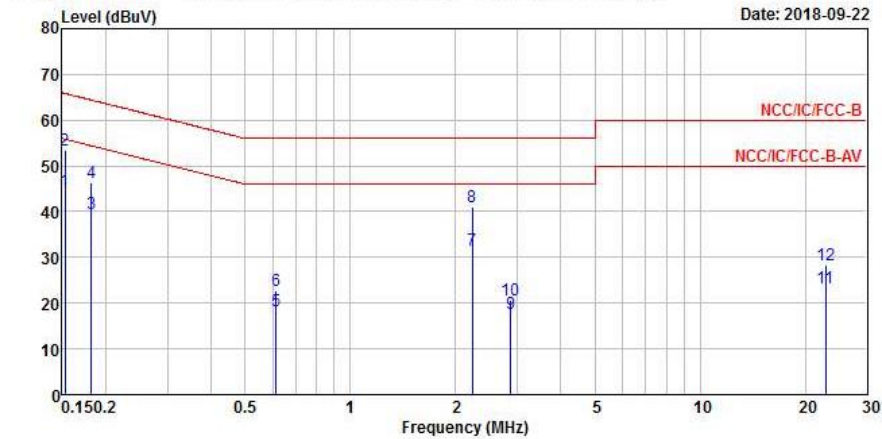


	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1 MAX	0.15	45.33	-10.41	55.74	35.66	9.63	0.04	Average
2	0.15	53.38	-12.36	65.74	43.71	9.63	0.04	QP
3	0.18	39.94	-14.48	54.42	30.31	9.62	0.01	Average
4	0.18	45.87	-18.55	64.42	36.24	9.62	0.01	QP
5	0.67	17.33	-28.67	46.00	7.67	9.62	0.04	Average
6	0.67	18.89	-37.11	56.00	9.23	9.62	0.04	QP
7	2.20	22.93	-23.07	46.00	13.29	9.63	0.01	Average
8	2.20	30.06	-25.94	56.00	20.42	9.63	0.01	QP
9	3.72	18.97	-27.03	46.00	9.25	9.64	0.08	Average
10	3.72	22.18	-33.82	56.00	12.46	9.64	0.08	QP
11	19.74	23.47	-26.53	50.00	13.57	9.71	0.19	Average
12	19.74	28.81	-31.19	60.00	18.91	9.71	0.19	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	2	Power Phase	Line
Operating Function	Switching Power Supply ; Dipole Antenna - RX		



	Freq	Level	Over	Limit	Read	LISN	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1 MAX	0.15	44.47	-11.35	55.82	34.81	9.62	0.04	Average
2	0.15	53.32	-12.50	65.82	43.66	9.62	0.04	QP
3	0.18	39.55	-14.87	54.42	29.92	9.62	0.01	Average
4	0.18	46.30	-18.12	64.42	36.67	9.62	0.01	QP
5	0.61	18.44	-27.56	46.00	8.78	9.61	0.05	Average
6	0.61	22.75	-33.25	56.00	13.09	9.61	0.05	QP
7	2.24	31.60	-14.40	46.00	21.97	9.62	0.01	Average
8	2.24	41.05	-14.95	56.00	31.42	9.62	0.01	QP
9	2.87	17.60	-28.40	46.00	7.93	9.63	0.04	Average
10	2.87	20.54	-35.46	56.00	10.87	9.63	0.04	QP
11	22.90	23.42	-26.58	50.00	13.76	9.58	0.08	Average
12	22.90	28.35	-31.65	60.00	18.69	9.58	0.08	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-BR(1Mbps)	920k	890.805k	891KF1D	916.25k	884.558k
BT-EDR(2Mbps)	1.34M	1.228M	1M23G1D	1.336M	1.219M
BT-EDR(3Mbps)	1.306M	1.228M	1M23G1D	1.288M	1.213M

Max-N dB = Maximum 20dB down bandwidth; **Max-OBW** = Maximum 99% occupied bandwidth;

Min-N dB = Minimum 20dB down bandwidth; **Min-OBW** = Minimum 99% occupied bandwidth;

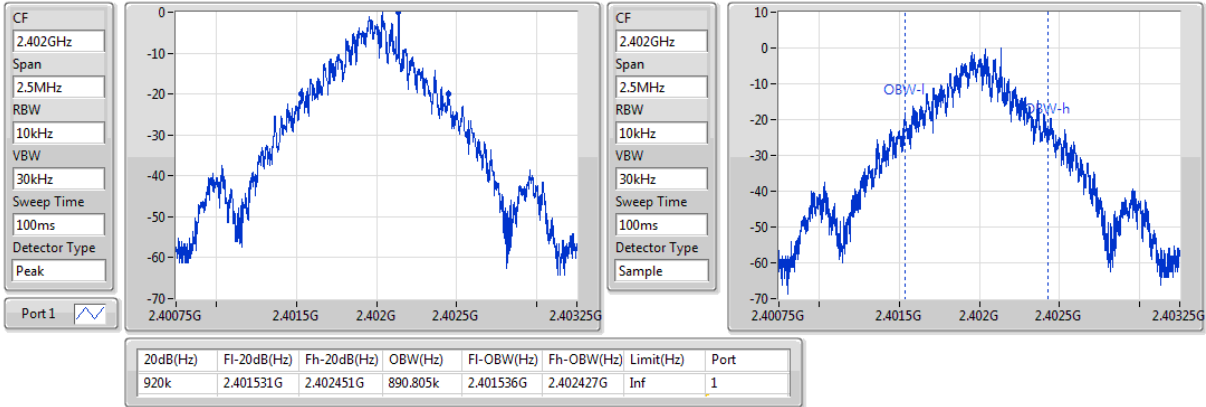
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
BT-BR(1Mbps)	-	-	-	-
2402MHz_TnomVnom	Pass	Inf	920k	890.805k
2441MHz_TnomVnom	Pass	Inf	920k	884.558k
2480MHz_TnomVnom	Pass	Inf	916.25k	887.056k
BT-EDR(2Mbps)	-	-	-	-
2402MHz_TnomVnom	Pass	Inf	1.339M	1.219M
2441MHz_TnomVnom	Pass	Inf	1.336M	1.224M
2480MHz_TnomVnom	Pass	Inf	1.34M	1.228M
BT-EDR(3Mbps)	-	-	-	-
2402MHz_TnomVnom	Pass	Inf	1.288M	1.213M
2441MHz_TnomVnom	Pass	Inf	1.306M	1.228M
2480MHz_TnomVnom	Pass	Inf	1.294M	1.218M

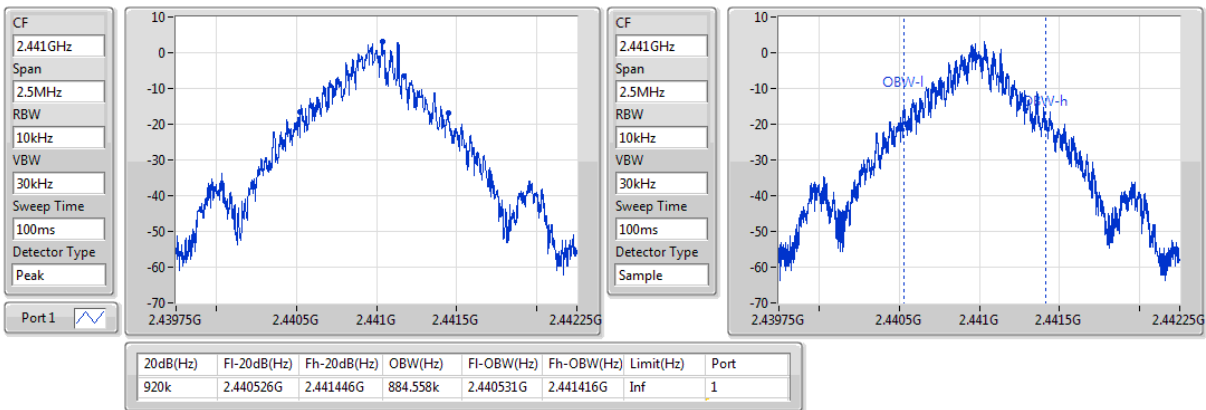
Port X-N dB = Port X 20dB down bandwidth; **Port X-OBW** = Port X 99% occupied bandwidth;

BT-BR(1Mbps)
2402MHz
EBW

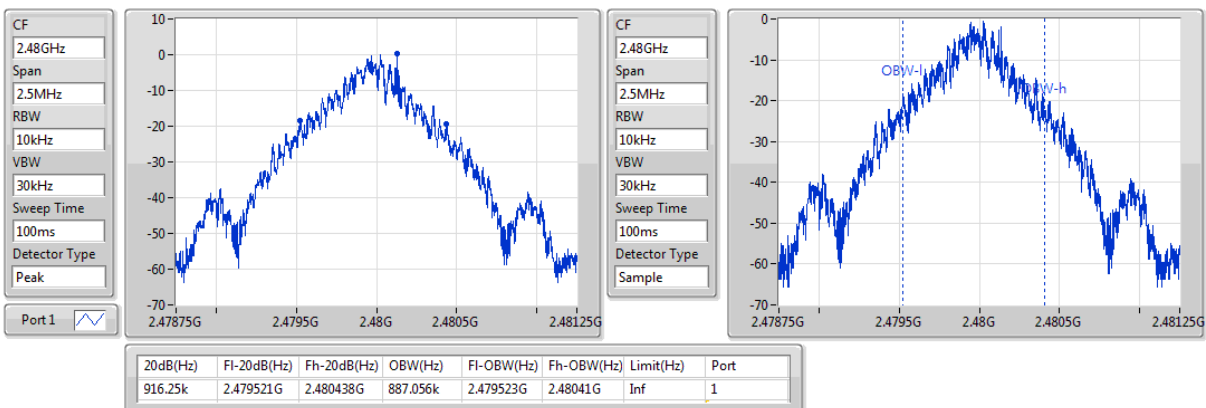
14/09/2018


BT-BR(1Mbps)
2441MHz
EBW

14/09/2018

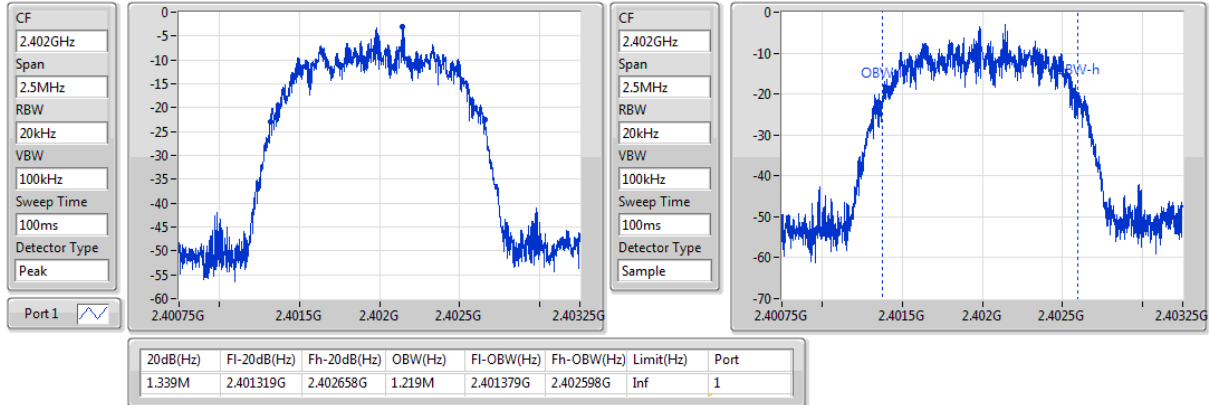

BT-BR(1Mbps)
2480MHz
EBW

14/09/2018

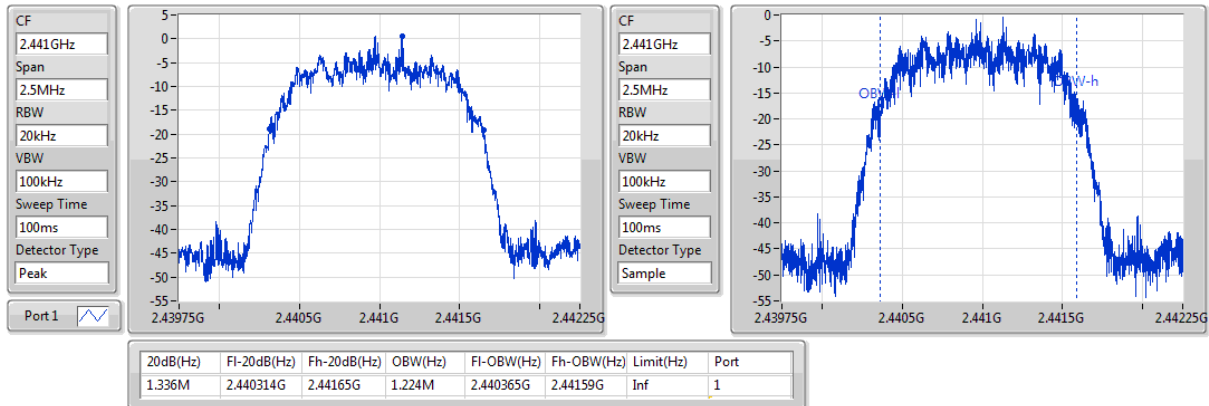


BT-EDR(2Mbps)
EBW
2402MHz

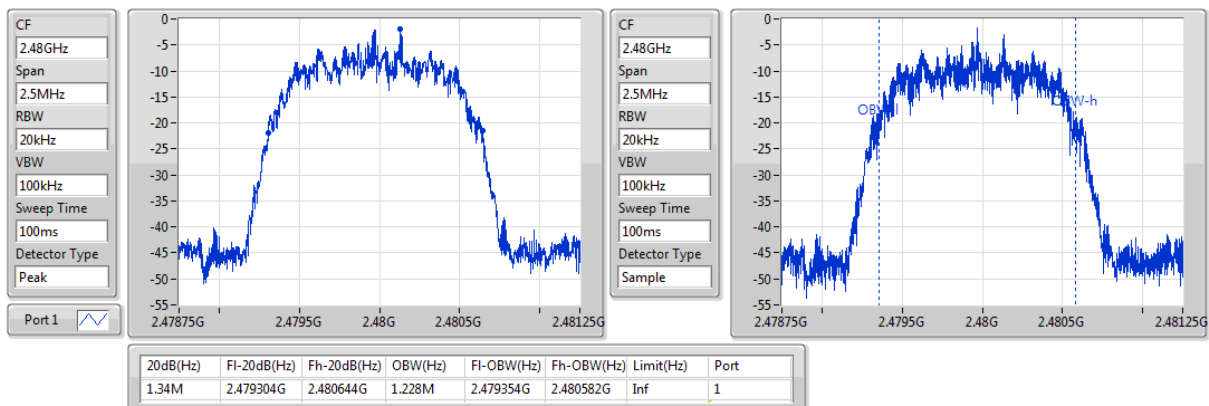
14/09/2018


BT-EDR(2Mbps)
EBW
2441MHz

14/09/2018

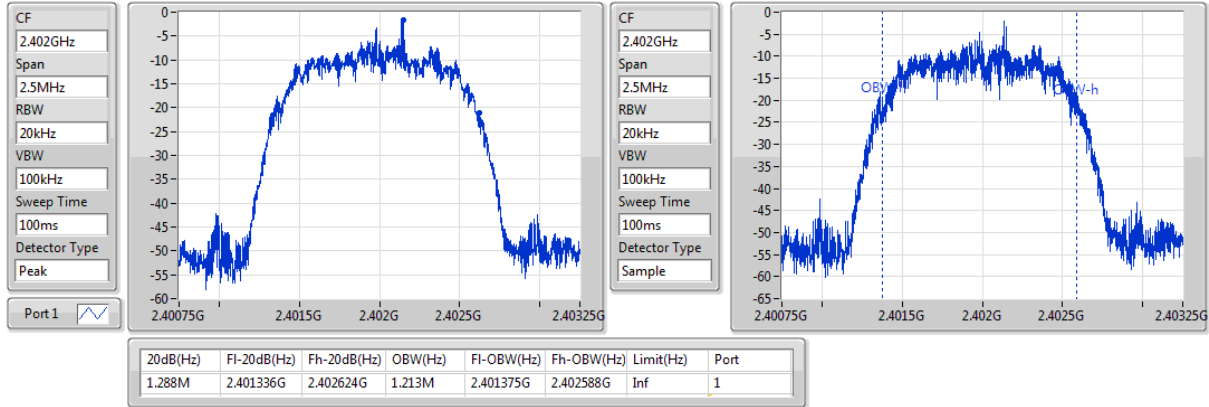

BT-EDR(2Mbps)
EBW
2480MHz

14/09/2018

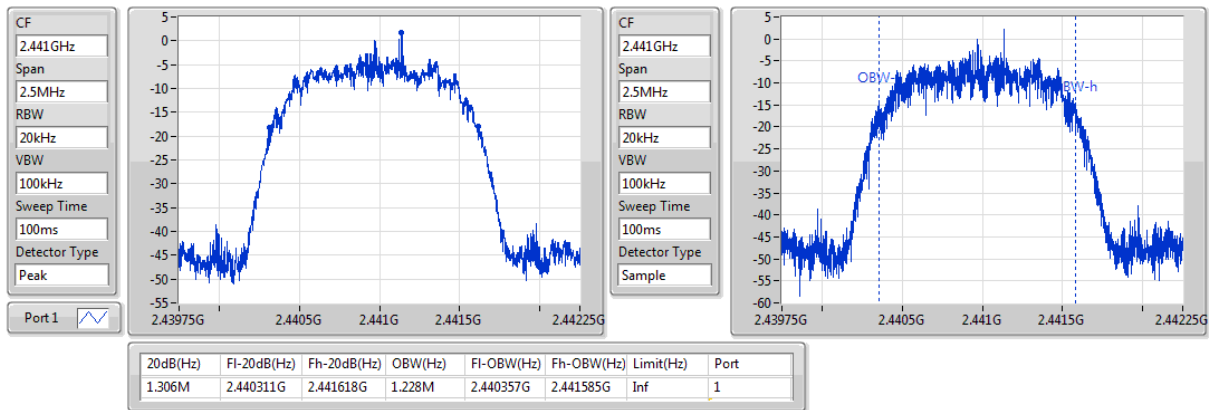


BT-EDR(3Mbps)
EBW
2402MHz

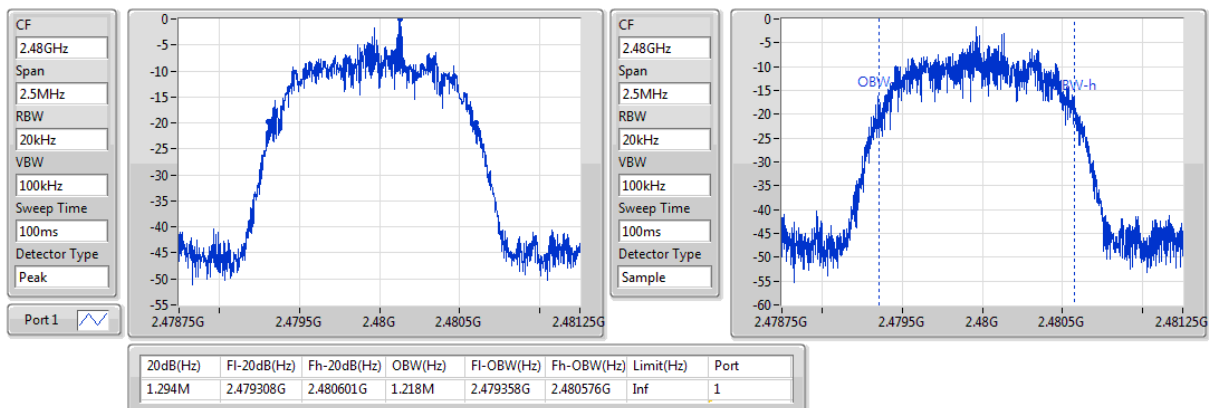
14/09/2018


BT-EDR(3Mbps)
EBW
2441MHz

14/09/2018


BT-EDR(3Mbps)
EBW
2480MHz

14/09/2018



Summary

Mode	Max-Space (Hz)	Min-Space (Hz)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	1.002M	999k
BT-EDR(2Mbps)	1.002M	999k
BT-EDR(3Mbps)	1.002M	997.5k

Result

Mode	Result	Fl (Hz)	Fh (Hz)	Ch.Space (Hz)	Limit (Hz)
BT-BR(1Mbps)	-	-	-	-	-
2402MHz_TnomVnom	Pass	2.402136G	2.403138G	1.002M	612.72k
2441MHz_TnomVnom	Pass	2.441131G	2.442132G	1.0005M	612.72k
2480MHz_TnomVnom	Pass	2.479124G	2.480123G	999k	610.2225k
BT-EDR(2Mbps)	-	-	-	-	-
2402MHz_TnomVnom	Pass	2.402142G	2.403142G	1.0005M	891.774k
2441MHz_TnomVnom	Pass	2.441134G	2.442136G	1.002M	889.776k
2480MHz_TnomVnom	Pass	2.478968G	2.479967G	999k	892.44k
BT-EDR(3Mbps)	-	-	-	-	-
2402MHz_TnomVnom	Pass	2.40214G	2.403138G	997.5k	857.808k
2441MHz_TnomVnom	Pass	2.441131G	2.442133G	1.002M	869.796k
2480MHz_TnomVnom	Pass	2.479125G	2.480126G	1.0005M	861.804k

BT-BR(1Mbps)

Channel Separation

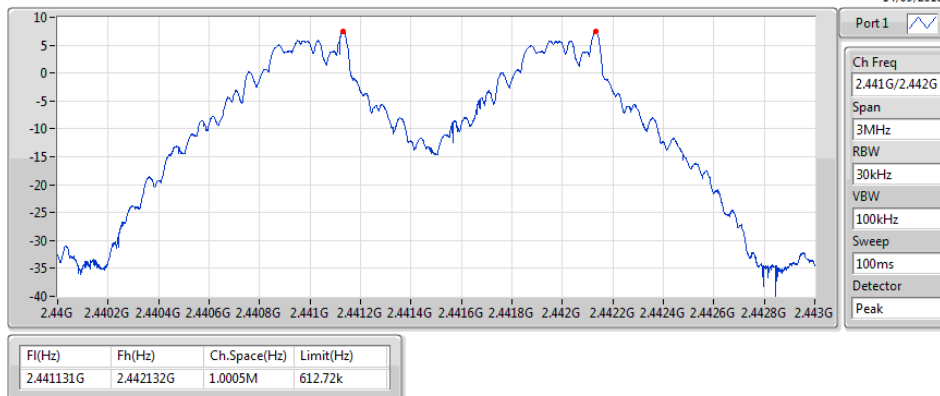
2.402G/2.403GHz



BT-BR(1Mbps)

Channel Separation

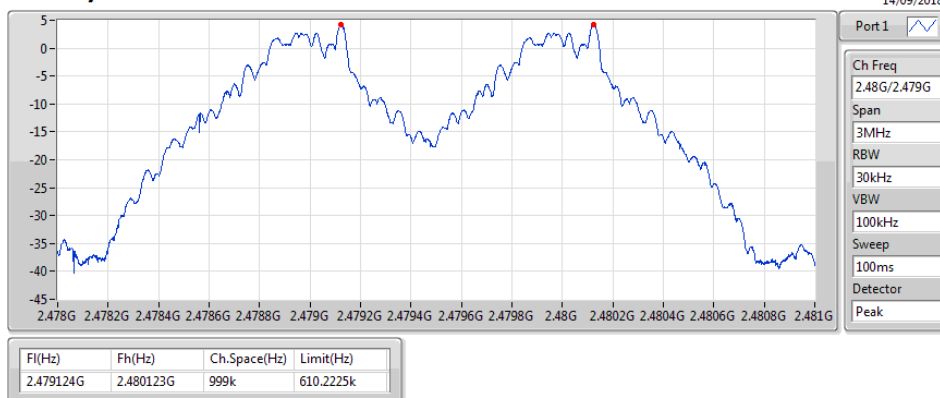
2.441G/2.442GHz



BT-BR(1Mbps)

Channel Separation

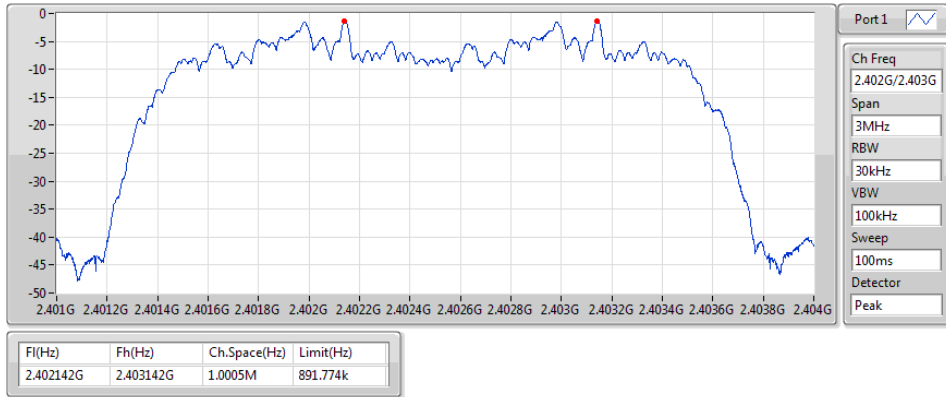
2.48G/2.479GHz



BT-EDR(2Mbps)

Channel Separation

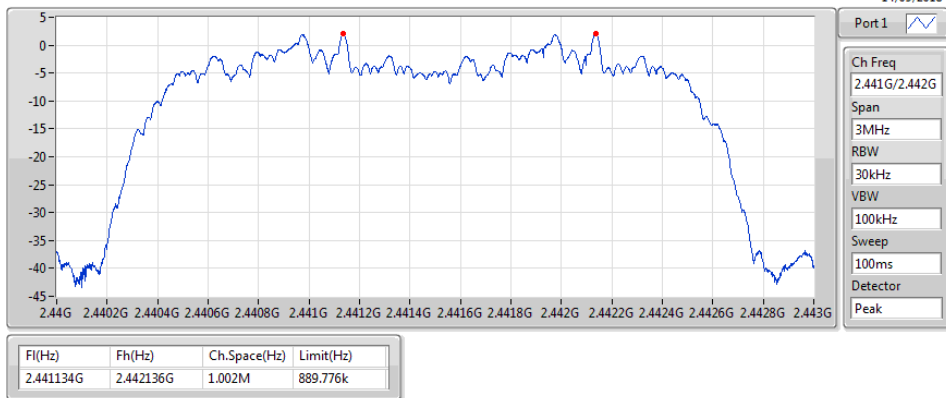
2.402G/2.403GHz



BT-EDR(2Mbps)

Channel Separation

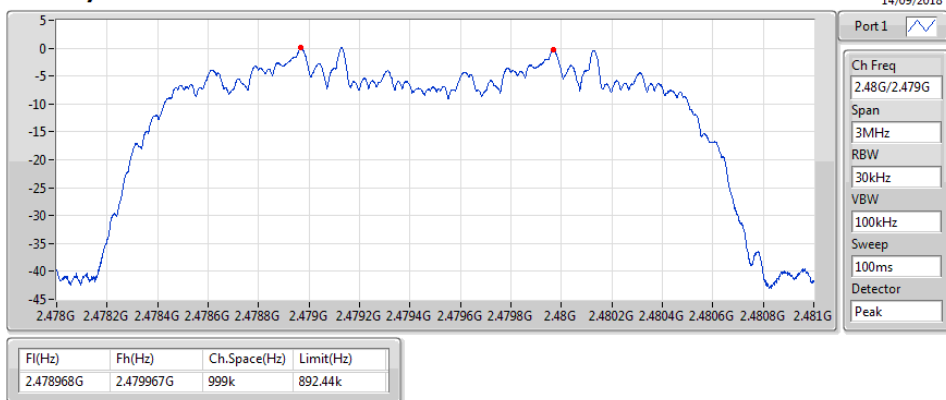
2.441G/2.442GHz



BT-EDR(2Mbps)

Channel Separation

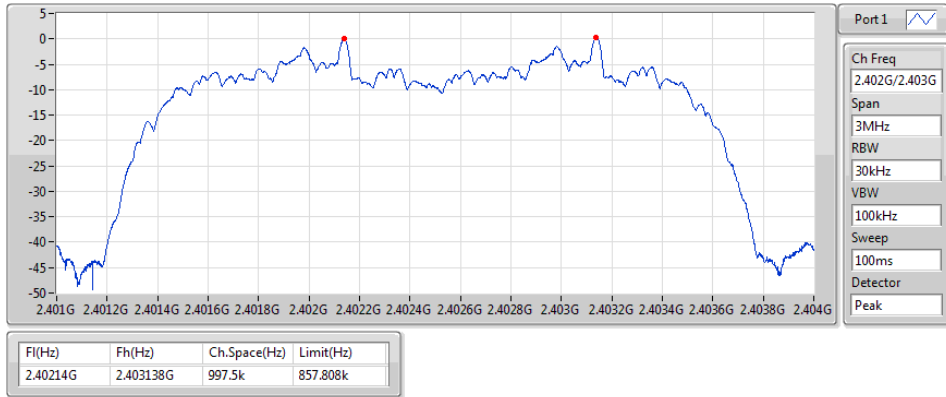
2.48G/2.479GHz



BT-EDR(3Mbps)

Channel Separation

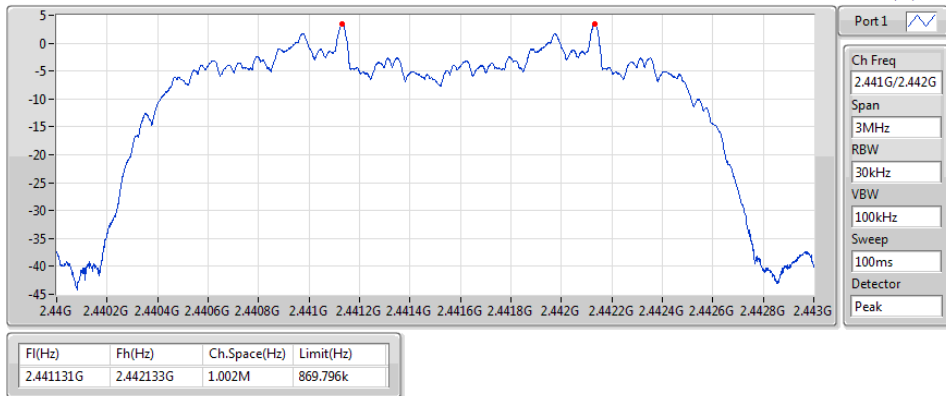
2.402G/2.403GHz



BT-EDR(3Mbps)

Channel Separation

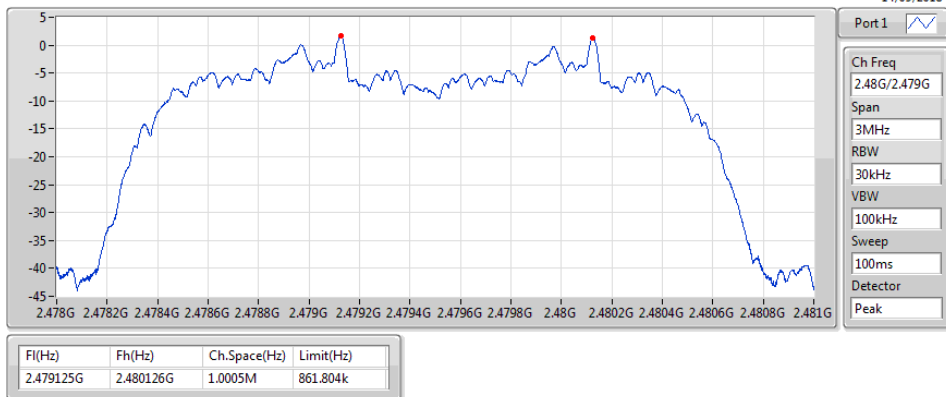
2.441G/2.442GHz



BT-EDR(3Mbps)

Channel Separation

2.48G/2.479GHz



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
BT-BR(1Mbps)	920k	890.805k	891KF1D	916.25k	884.558k
BT-EDR(2Mbps)	1.34M	1.228M	1M23G1D	1.336M	1.219M
BT-EDR(3Mbps)	1.306M	1.228M	1M23G1D	1.288M	1.213M

Max-N dB = Maximum 20dB down bandwidth; **Max-OBW** = Maximum 99% occupied bandwidth;

Min-N dB = Minimum 20dB down bandwidth; **Min-OBW** = Minimum 99% occupied bandwidth;

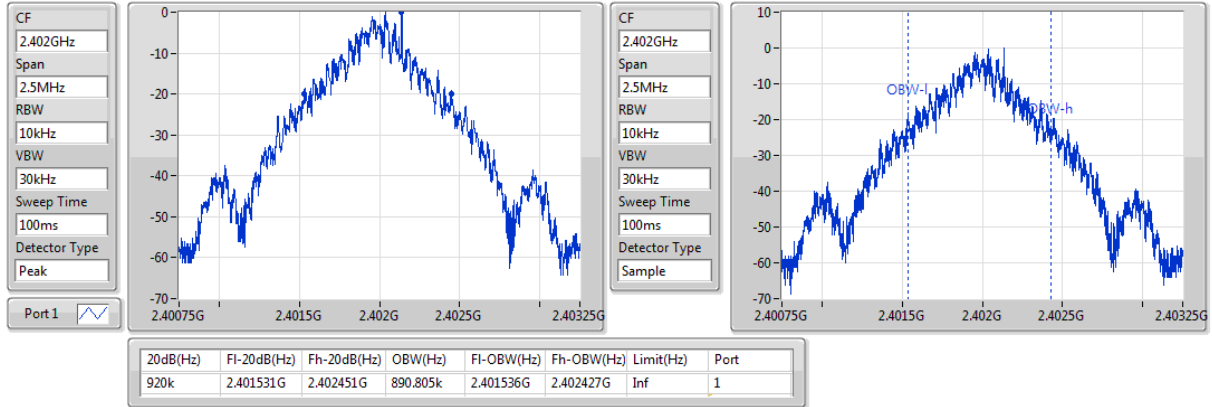
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
BT-BR(1Mbps)	-	-	-	-
2402MHz_TnomVnom	Pass	Inf	920k	890.805k
2441MHz_TnomVnom	Pass	Inf	920k	884.558k
2480MHz_TnomVnom	Pass	Inf	916.25k	887.056k
BT-EDR(2Mbps)	-	-	-	-
2402MHz_TnomVnom	Pass	Inf	1.339M	1.219M
2441MHz_TnomVnom	Pass	Inf	1.336M	1.224M
2480MHz_TnomVnom	Pass	Inf	1.34M	1.228M
BT-EDR(3Mbps)	-	-	-	-
2402MHz_TnomVnom	Pass	Inf	1.288M	1.213M
2441MHz_TnomVnom	Pass	Inf	1.306M	1.228M
2480MHz_TnomVnom	Pass	Inf	1.294M	1.218M

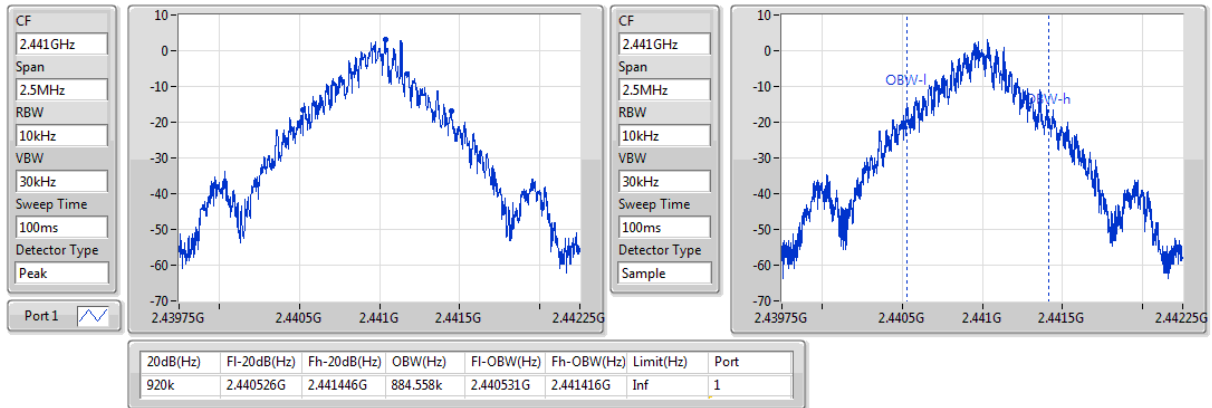
Port X-N dB = Port X 20dB down bandwidth; **Port X-OBW** = Port X 99% occupied bandwidth;

BT-BR(1Mbps)
2402MHz
EBW

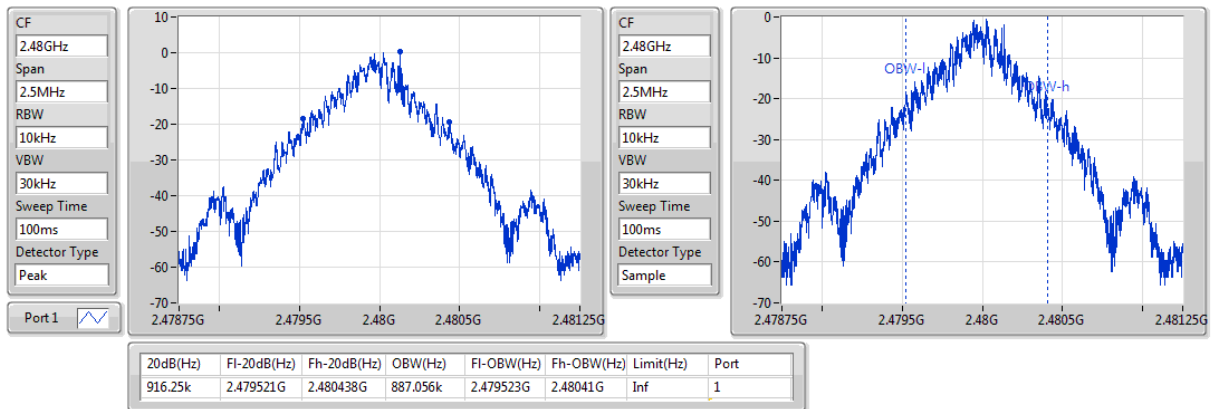
14/09/2018


BT-BR(1Mbps)
2441MHz
EBW

14/09/2018

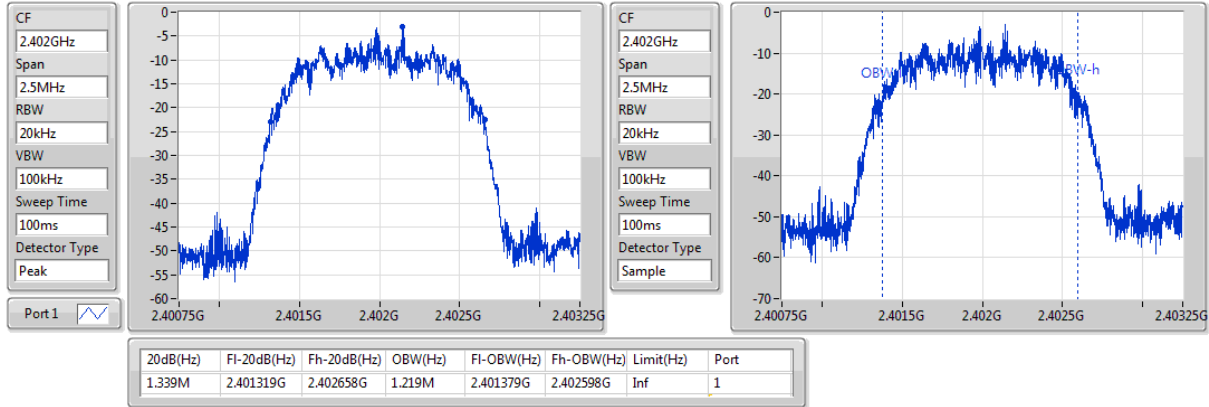

BT-BR(1Mbps)
2480MHz
EBW

14/09/2018

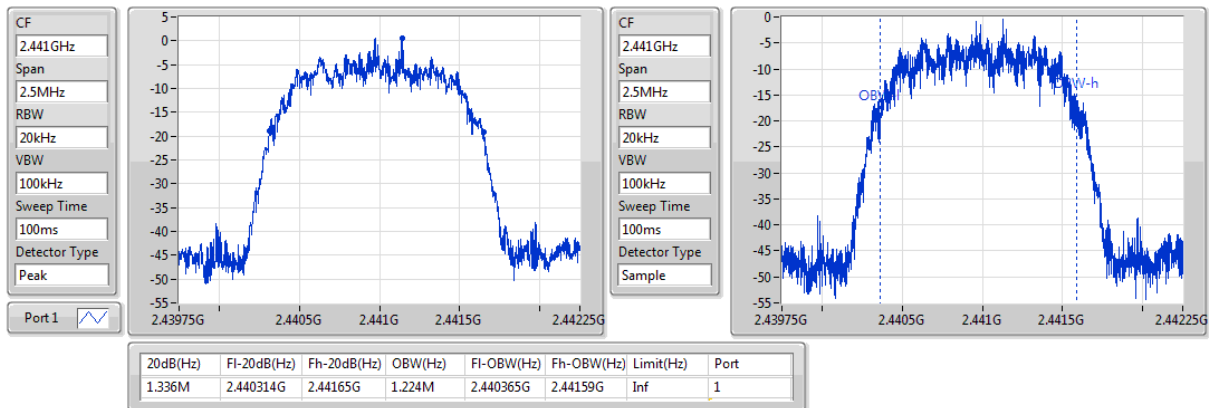


BT-EDR(2Mbps)
EBW
2402MHz

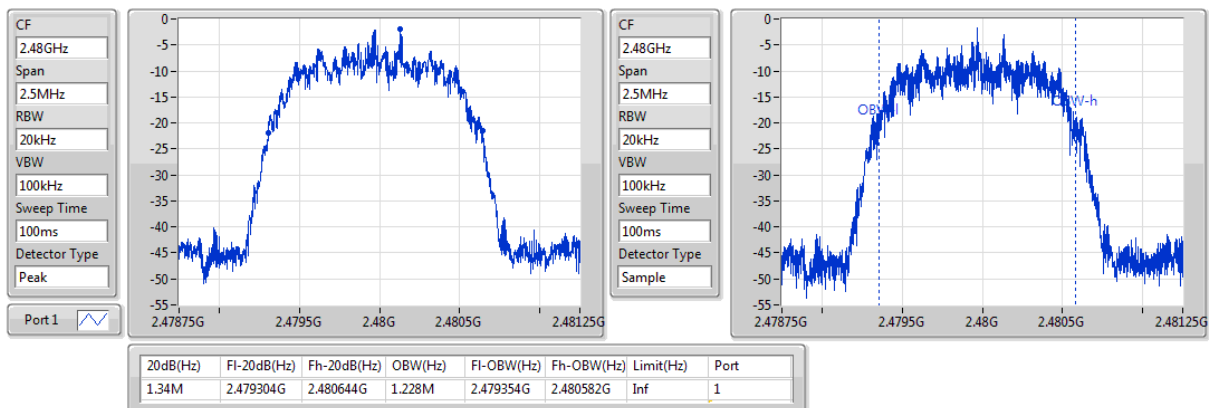
14/09/2018


BT-EDR(2Mbps)
EBW
2441MHz

14/09/2018

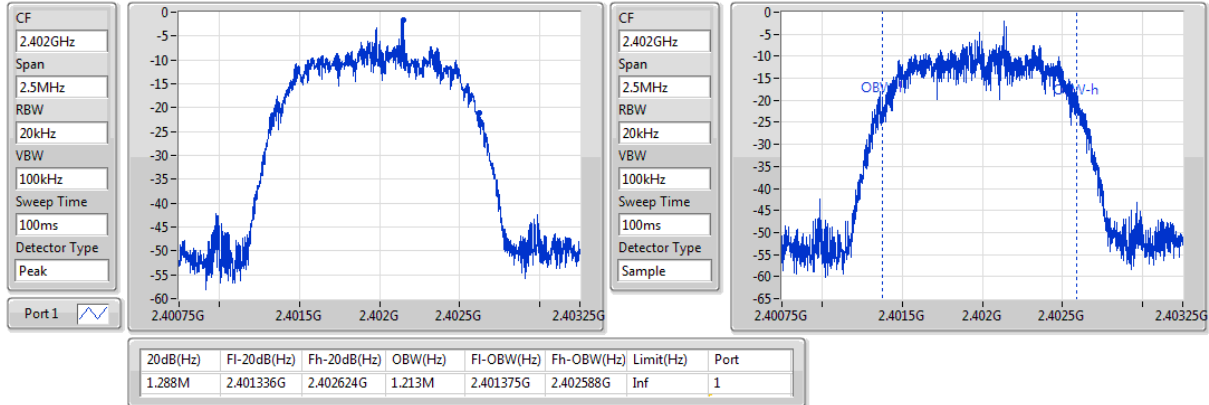

BT-EDR(2Mbps)
EBW
2480MHz

14/09/2018

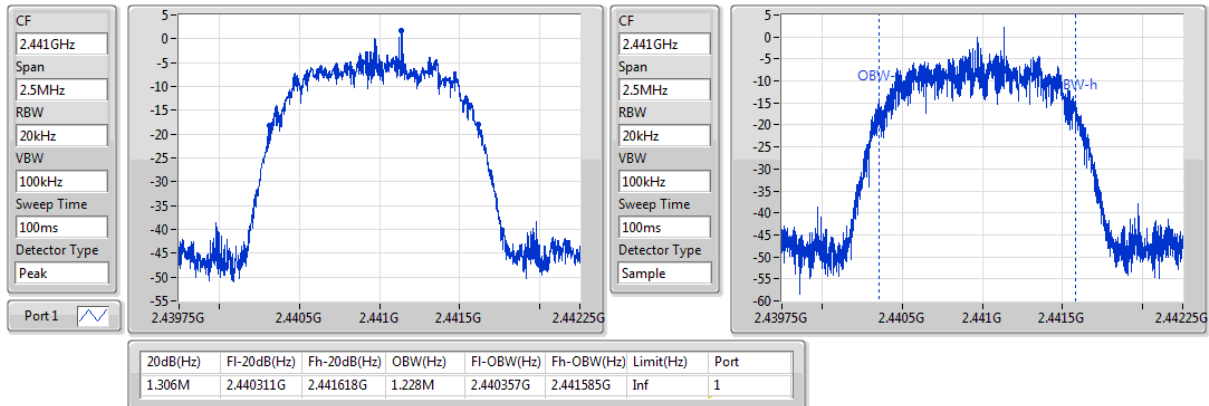


BT-EDR(3Mbps)
EBW
2402MHz

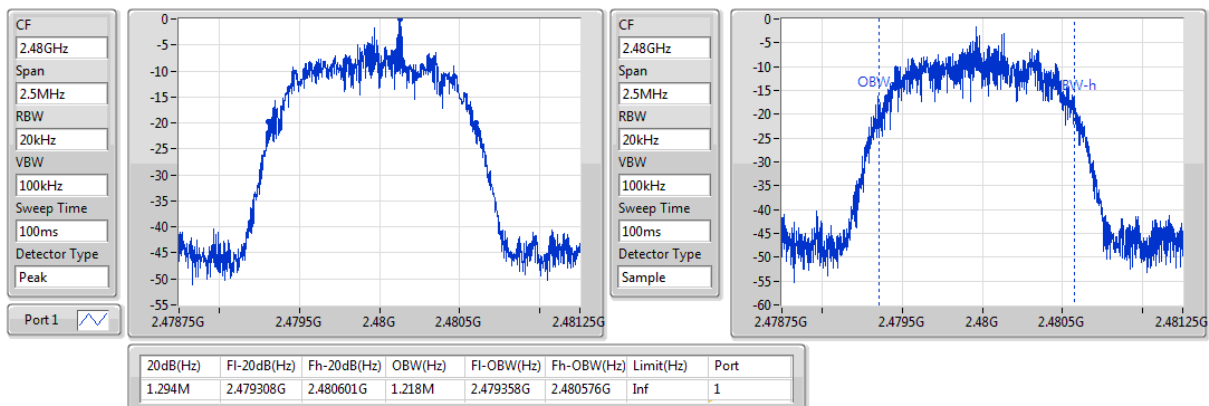
14/09/2018


BT-EDR(3Mbps)
EBW
2441MHz

14/09/2018


BT-EDR(3Mbps)
EBW
2480MHz

14/09/2018



Summary

Mode	Max-Space (Hz)	Min-Space (Hz)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	1.002M	999k
BT-EDR(2Mbps)	1.002M	999k
BT-EDR(3Mbps)	1.002M	997.5k

Result

Mode	Result	Fl (Hz)	Fh (Hz)	Ch.Space (Hz)	Limit (Hz)
BT-BR(1Mbps)	-	-	-	-	-
2402MHz_TnomVnom	Pass	2.402136G	2.403138G	1.002M	612.72k
2441MHz_TnomVnom	Pass	2.441131G	2.442132G	1.0005M	612.72k
2480MHz_TnomVnom	Pass	2.479124G	2.480123G	999k	610.2225k
BT-EDR(2Mbps)	-	-	-	-	-
2402MHz_TnomVnom	Pass	2.402142G	2.403142G	1.0005M	891.774k
2441MHz_TnomVnom	Pass	2.441134G	2.442136G	1.002M	889.776k
2480MHz_TnomVnom	Pass	2.478968G	2.479967G	999k	892.44k
BT-EDR(3Mbps)	-	-	-	-	-
2402MHz_TnomVnom	Pass	2.40214G	2.403138G	997.5k	857.808k
2441MHz_TnomVnom	Pass	2.441131G	2.442133G	1.002M	869.796k
2480MHz_TnomVnom	Pass	2.479125G	2.480126G	1.0005M	861.804k

BT-BR(1Mbps)

Channel Separation

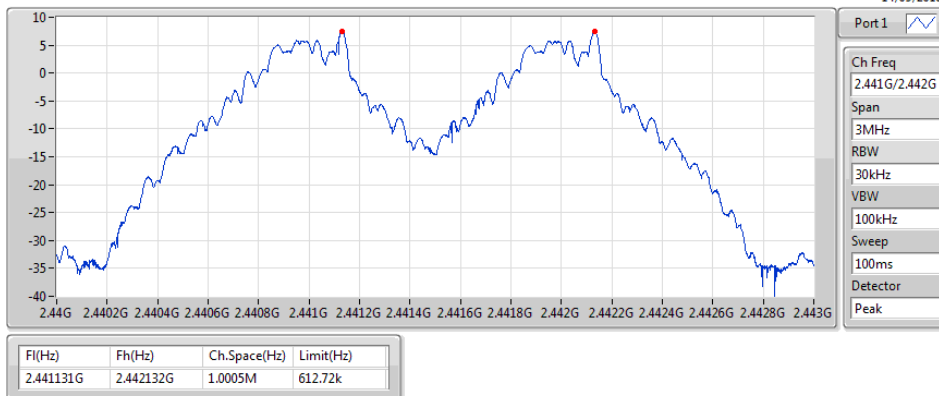
2.402G/2.403GHz



BT-BR(1Mbps)

Channel Separation

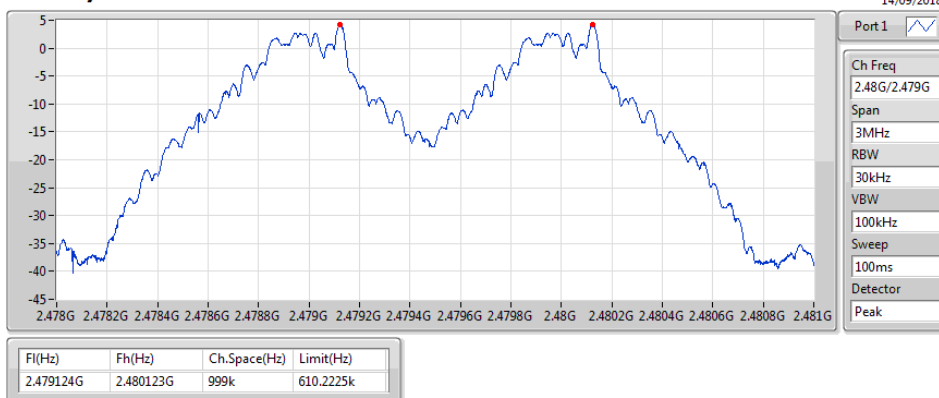
2.441G/2.442GHz



BT-BR(1Mbps)

Channel Separation

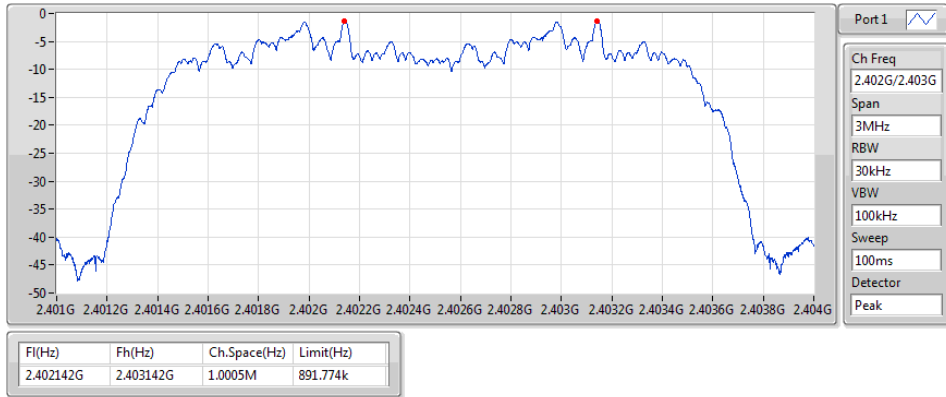
2.48G/2.479GHz



BT-EDR(2Mbps)

Channel Separation

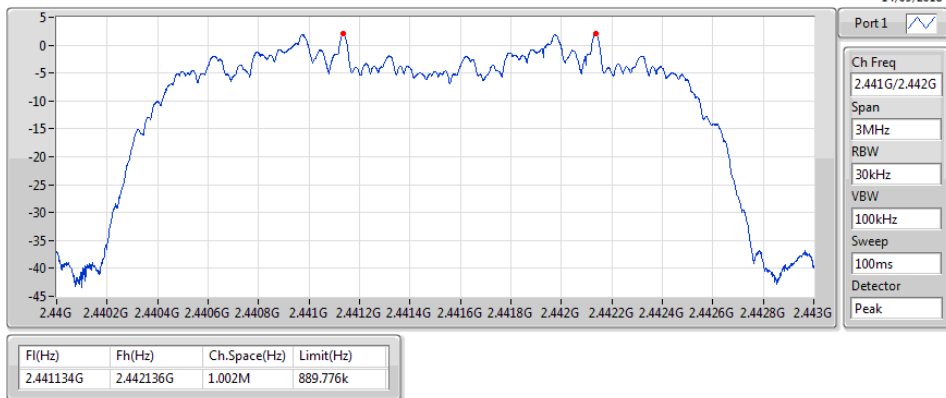
2.402G/2.403GHz



BT-EDR(2Mbps)

Channel Separation

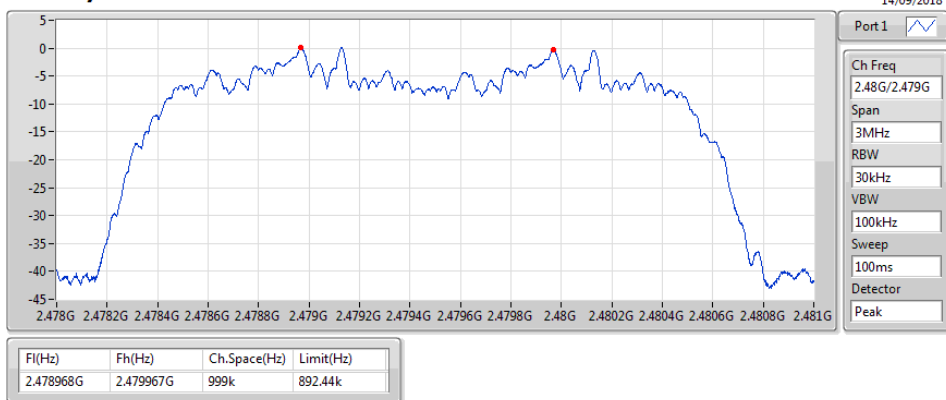
2.441G/2.442GHz



BT-EDR(2Mbps)

Channel Separation

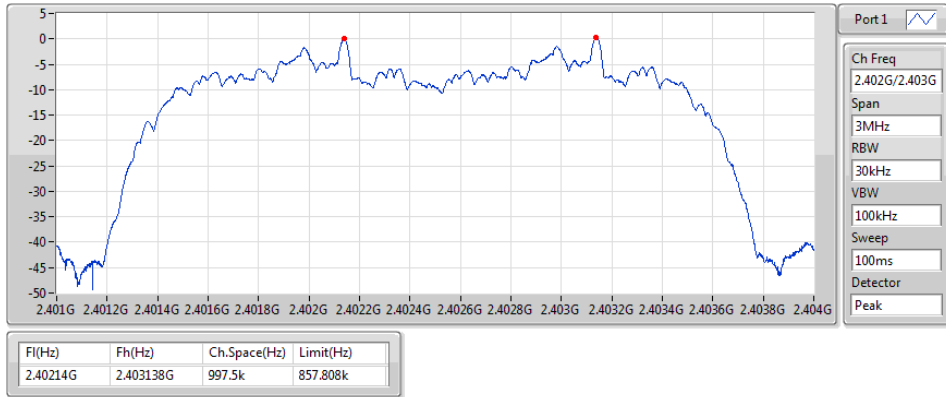
2.48G/2.479GHz



BT-EDR(3Mbps)

Channel Separation

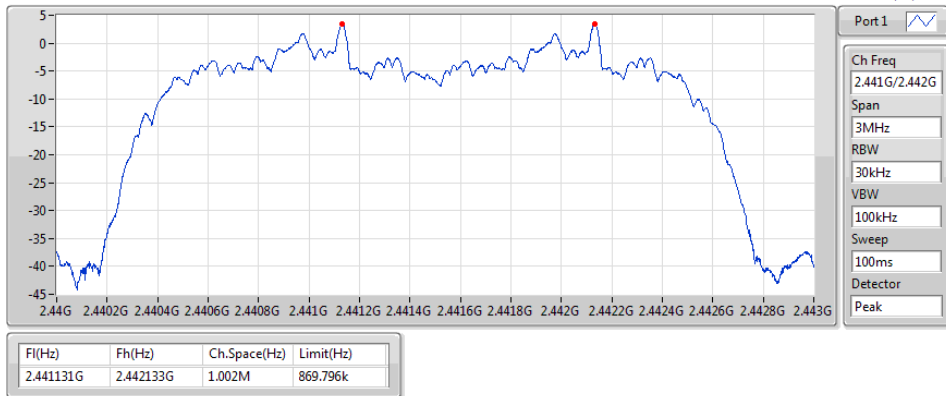
2.402G/2.403GHz



BT-EDR(3Mbps)

Channel Separation

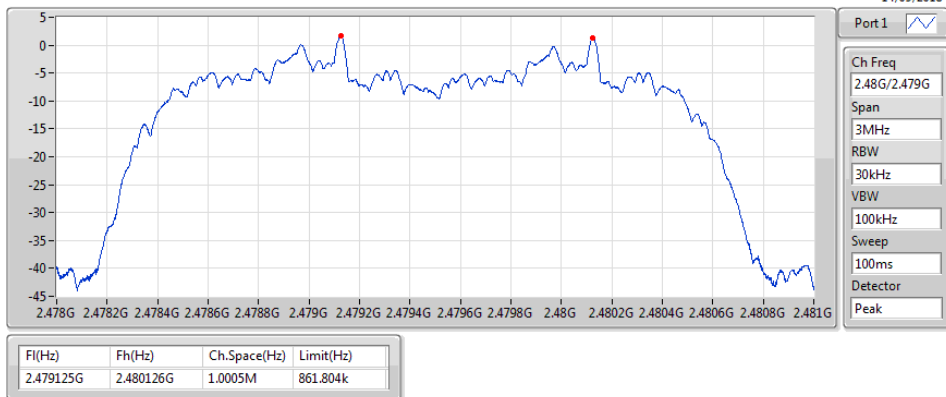
2.441G/2.442GHz



BT-EDR(3Mbps)

Channel Separation

2.48G/2.479GHz



Summary

Mode	Power (dBm)	Power (W)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	8.79	0.00757
BT-EDR(2Mbps)	6.78	0.00476
BT-EDR(3Mbps)	7.10	0.00513

Result

Mode	Result	Gain (dBi)	Power (dBm)	Power Limit (dBm)
BT-BR(1Mbps)	-	-	-	-
2402MHz_TnomVnom	Pass	6.02	5.40	20.98
2441MHz_TnomVnom	Pass	6.02	8.79	20.98
2480MHz_TnomVnom	Pass	6.02	5.73	20.98
BT-EDR(2Mbps)	-	-	-	-
2402MHz_TnomVnom	Pass	6.02	3.73	20.98
2441MHz_TnomVnom	Pass	6.02	6.78	20.98
2480MHz_TnomVnom	Pass	6.02	4.44	20.98
BT-EDR(3Mbps)	-	-	-	-
2402MHz_TnomVnom	Pass	6.02	3.96	20.98
2441MHz_TnomVnom	Pass	6.02	7.10	20.98
2480MHz_TnomVnom	Pass	6.02	4.77	20.98

Summary

Mode	Power	Power
	(dBm)	(W)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	8.67	0.00736
BT-EDR(2Mbps)	5.04	0.00319
BT-EDR(3Mbps)	4.92	0.00310

Result

Mode	Result	Gain (dBi)	Power (dBm)	Power Limit (dBm)
BT-BR(1Mbps)	-	-	-	-
2402MHz_TnomVnom	Pass	6.02	5.34	29.98
2441MHz_TnomVnom	Pass	6.02	8.67	29.98
2480MHz_TnomVnom	Pass	6.02	5.50	29.98
BT-EDR(2Mbps)	-	-	-	-
2402MHz_TnomVnom	Pass	6.02	1.76	29.98
2441MHz_TnomVnom	Pass	6.02	5.04	29.98
2480MHz_TnomVnom	Pass	6.02	2.77	29.98
BT-EDR(3Mbps)	-	-	-	-
2402MHz_TnomVnom	Pass	6.02	1.57	29.98
2441MHz_TnomVnom	Pass	6.02	4.92	29.98
2480MHz_TnomVnom	Pass	6.02	2.89	29.98

Summary

Mode	Power (dBm)	Power (W)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	8.82	0.00762
BT-EDR(2Mbps)	6.78	0.00476
BT-EDR(3Mbps)	7.10	0.00513

Result

Mode	Result	Gain (dBi)	Power (dBm)	Power Limit (dBm)
BT-BR(1Mbps)	-	-	-	-
2402MHz_TnomVnom	Pass	4.58	5.43	21.00
2441MHz_TnomVnom	Pass	4.58	8.82	21.00
2480MHz_TnomVnom	Pass	4.58	5.82	21.00
BT-EDR(2Mbps)	-	-	-	-
2402MHz_TnomVnom	Pass	4.58	3.73	21.00
2441MHz_TnomVnom	Pass	4.58	6.78	21.00
2480MHz_TnomVnom	Pass	4.58	4.44	21.00
BT-EDR(3Mbps)	-	-	-	-
2402MHz_TnomVnom	Pass	4.58	3.96	21.00
2441MHz_TnomVnom	Pass	4.58	7.10	21.00
2480MHz_TnomVnom	Pass	4.58	4.77	21.00

Summary

Mode	Power	Power
	(dBm)	(W)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	8.79	0.00757
BT-EDR(2Mbps)	5.04	0.00319
BT-EDR(3Mbps)	4.92	0.00310

Result

Mode	Result	Gain (dBi)	Power (dBm)	Power Limit (dBm)
BT-BR(1Mbps)	-	-	-	-
2402MHz_TnomVnom	Pass	4.58	5.40	21.00
2441MHz_TnomVnom	Pass	4.58	8.79	21.00
2480MHz_TnomVnom	Pass	4.58	5.73	21.00
BT-EDR(2Mbps)	-	-	-	-
2402MHz_TnomVnom	Pass	4.58	1.76	21.00
2441MHz_TnomVnom	Pass	4.58	5.04	21.00
2480MHz_TnomVnom	Pass	4.58	2.77	21.00
BT-EDR(3Mbps)	-	-	-	-
2402MHz_TnomVnom	Pass	4.58	1.57	21.00
2441MHz_TnomVnom	Pass	4.58	4.92	21.00
2480MHz_TnomVnom	Pass	4.58	2.89	21.00

Summary

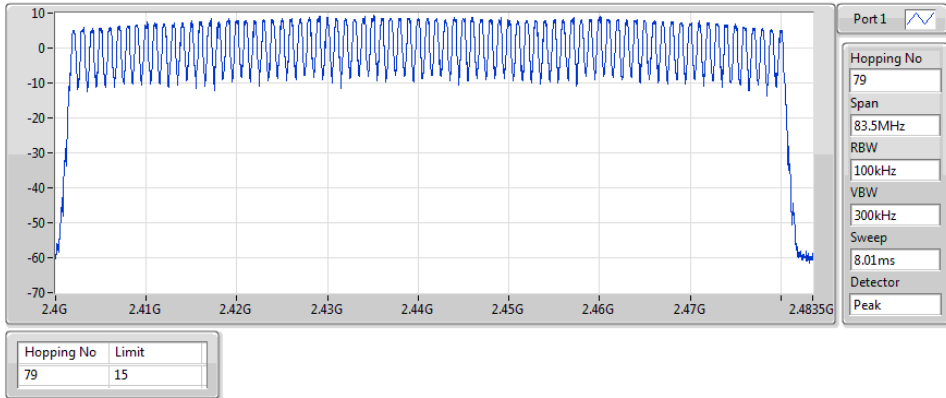
Mode	Max-Hop No
2.4-2.4835GHz	-
BT-BR(1Mbps)	79
BT-EDR(2Mbps)	79
BT-EDR(3Mbps)	79

Result

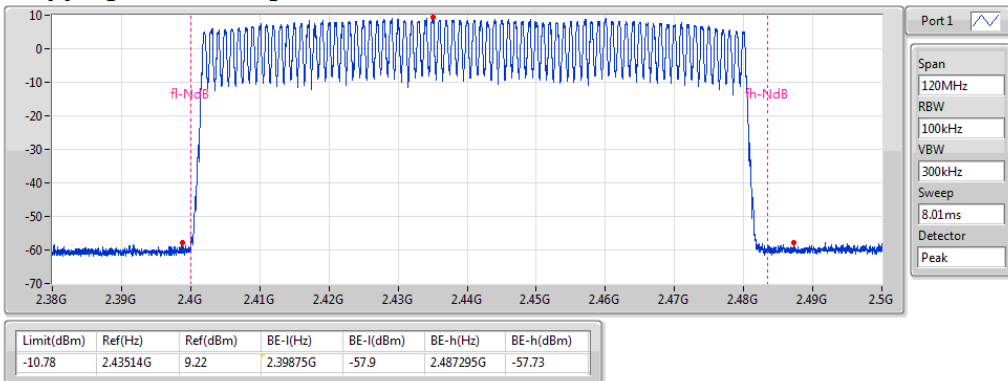
Mode	Result	Hopping No	Limit
BT-BR(1Mbps)	-	-	-
2441MHz_TnomVnom	Pass	79	15
BT-EDR(2Mbps)	-	-	-
2441MHz_TnomVnom	Pass	79	15
BT-EDR(3Mbps)	-	-	-
2441MHz_TnomVnom	Pass	79	15

BT-BR(1Mbps) 2441MHz

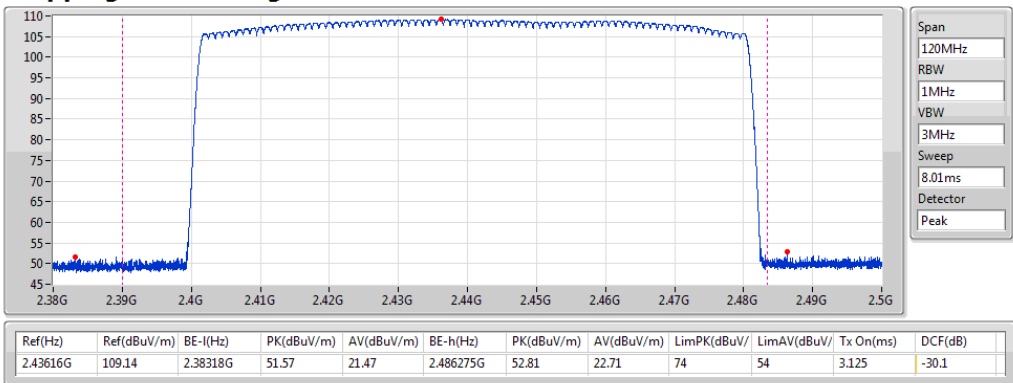
Hopping Ch



BT-BR(1Mbps) 2441MHz Hopping Ch Bandedge (Non-restricted Band)

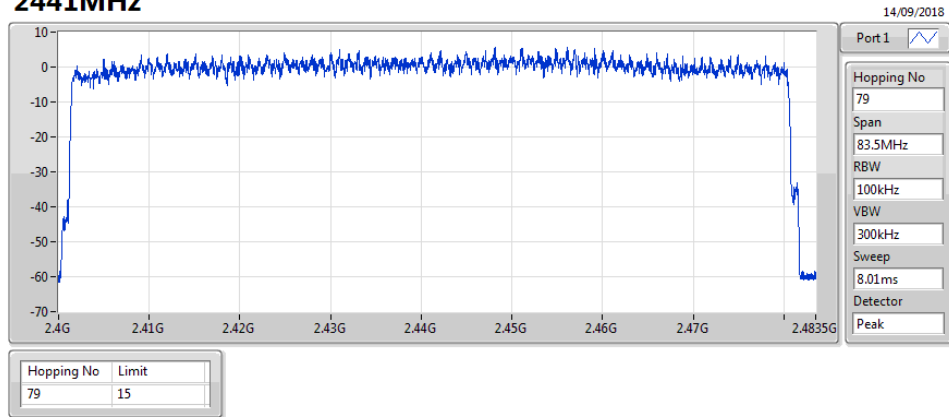


BT-BR(1Mbps) 2441MHz Hopping Ch Bandedge (Restricted Band)



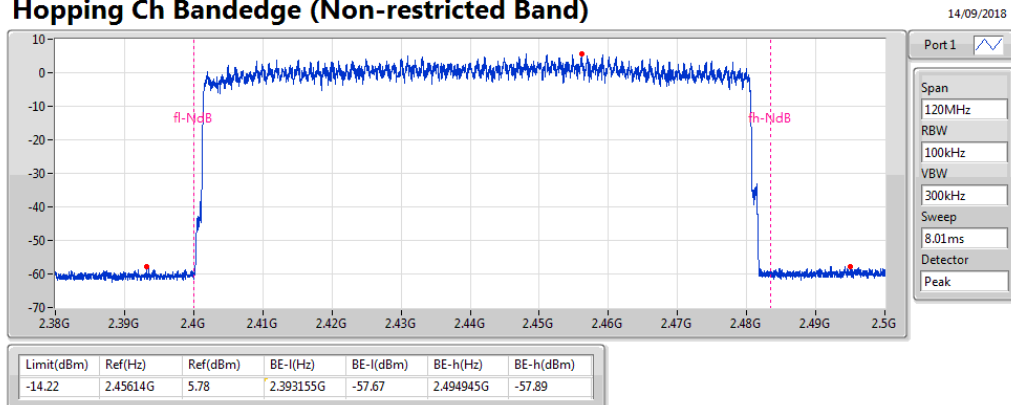
BT-EDR(2Mbps) 2441MHz

Hopping Ch



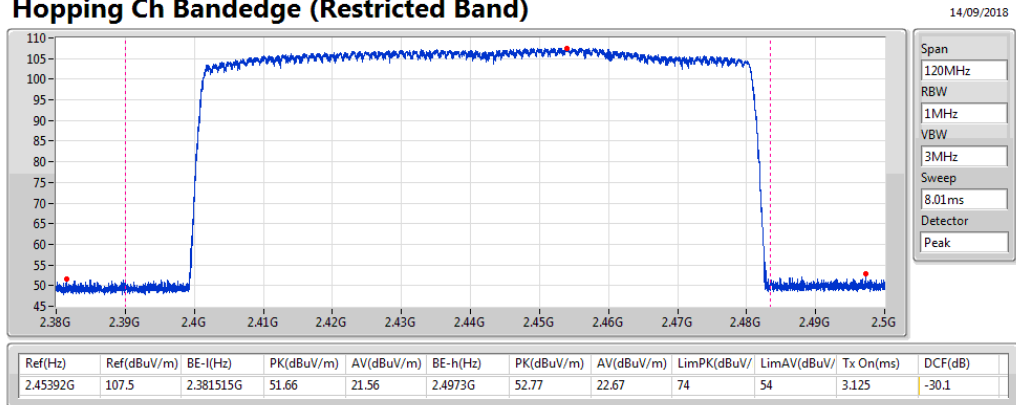
BT-EDR(2Mbps) 2441MHz

Hopping Ch Bandedge (Non-restricted Band)



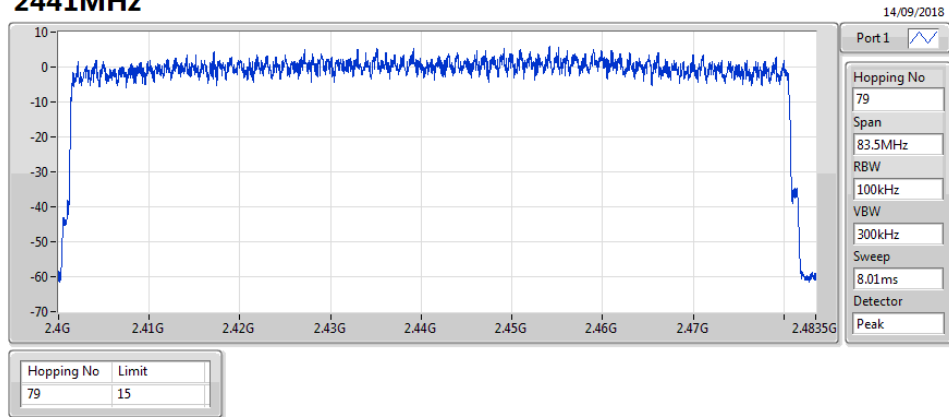
BT-EDR(2Mbps) 2441MHz

Hopping Ch Bandedge (Restricted Band)



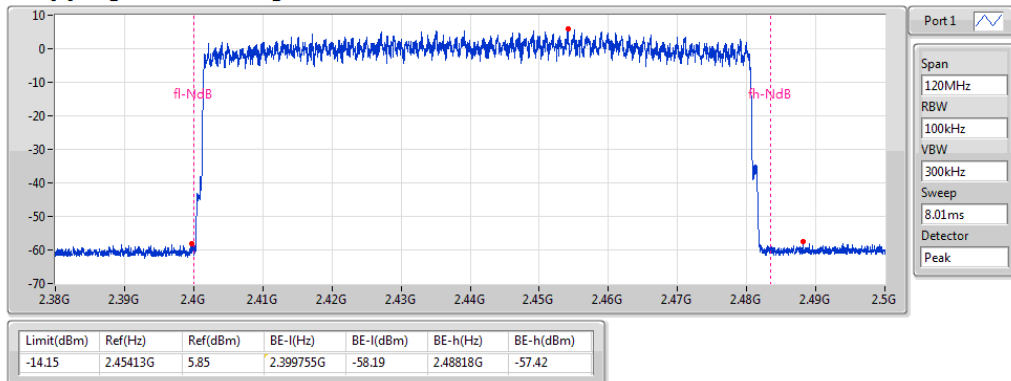
BT-EDR(3Mbps) 2441MHz

Hopping Ch



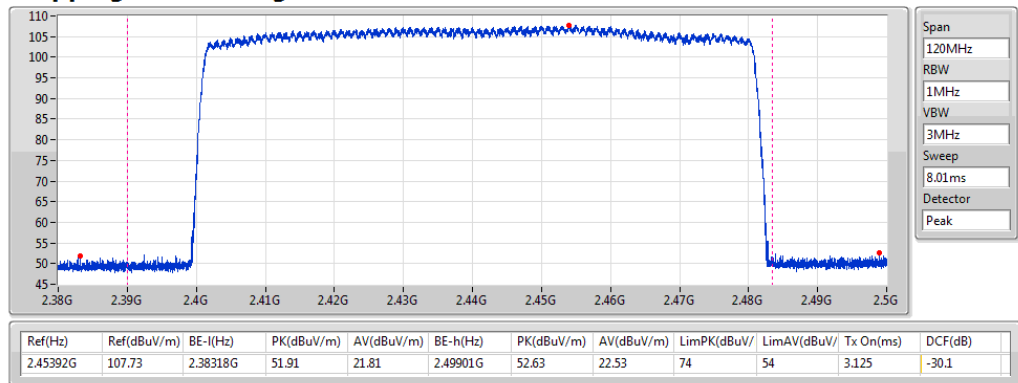
BT-EDR(3Mbps) 2441MHz

Hopping Ch Bandedge (Non-restricted Band)



BT-EDR(3Mbps) 2441MHz

Hopping Ch Bandedge (Restricted Band)



Summary

Mode	Max-Hop No
2.4-2.4835GHz	-
BT-BR(1Mbps)	79
BT-EDR(2Mbps)	79
BT-EDR(3Mbps)	79

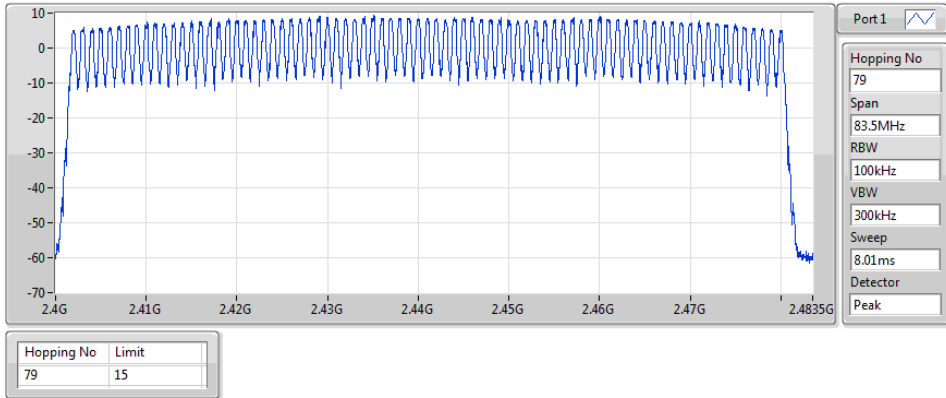
Result

Mode	Result	Hopping No	Limit
BT-BR(1Mbps)	-	-	-
2441MHz_TnomVnom	Pass	79	15
BT-EDR(2Mbps)	-	-	-
2441MHz_TnomVnom	Pass	79	15
BT-EDR(3Mbps)	-	-	-
2441MHz_TnomVnom	Pass	79	15

BT-BR(1Mbps)

2441MHz

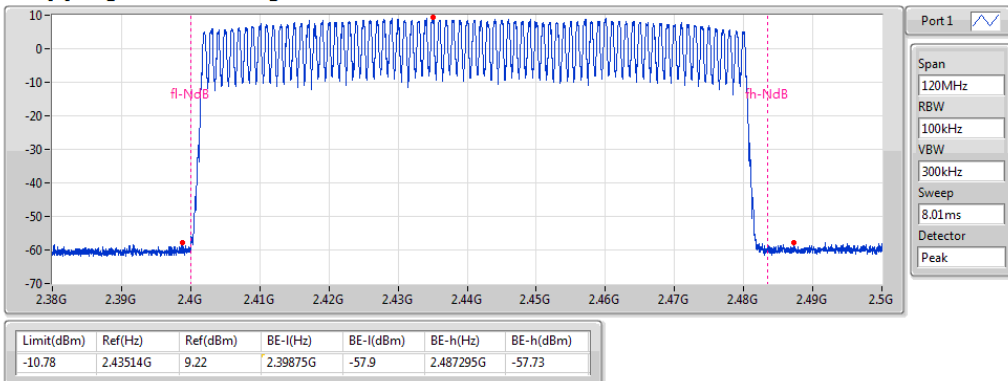
Hopping Ch



BT-BR(1Mbps)

2441MHz

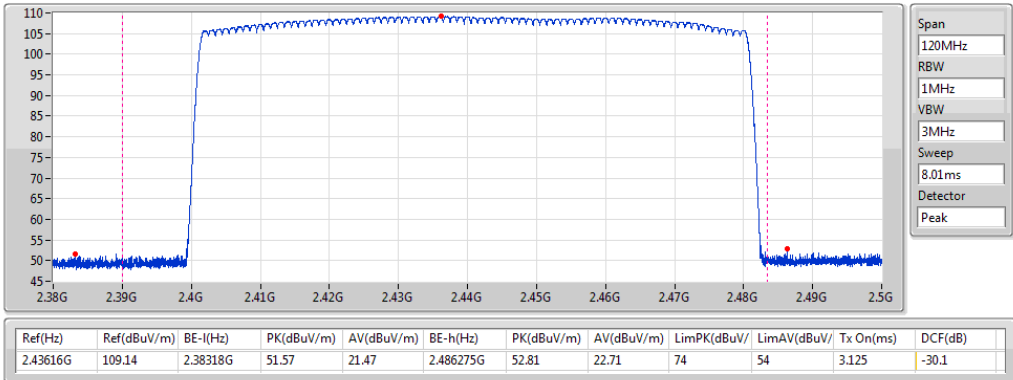
Hopping Ch Bandedge (Non-restricted Band)



BT-BR(1Mbps)

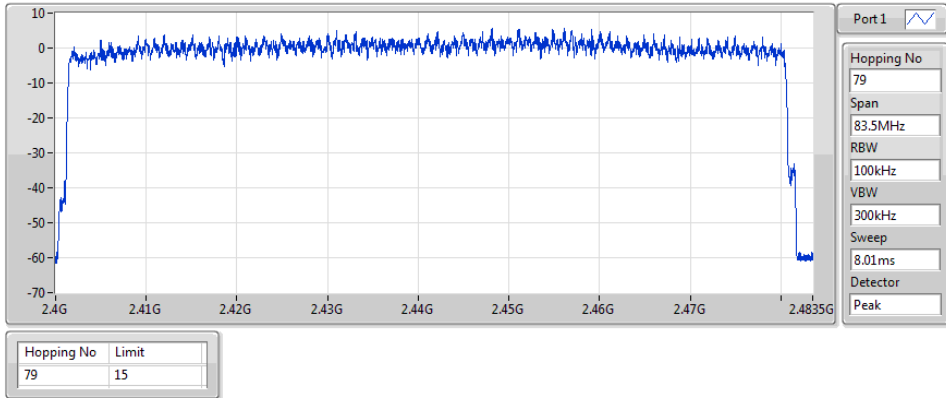
2441MHz

Hopping Ch Bandedge (Restricted Band)



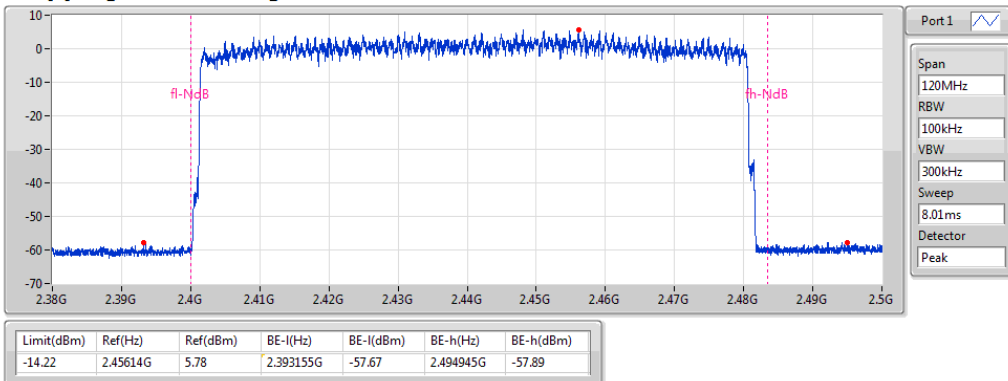
BT-EDR(2Mbps) 2441MHz

Hopping Ch



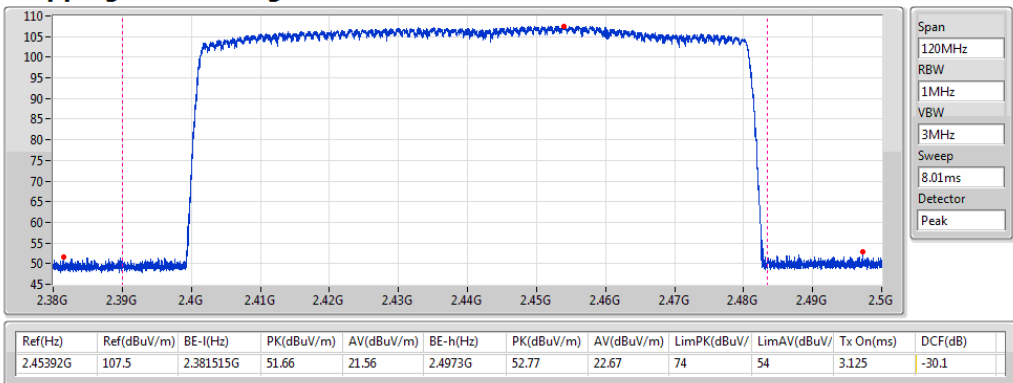
BT-EDR(2Mbps) 2441MHz

Hopping Ch Bandedge (Non-restricted Band)



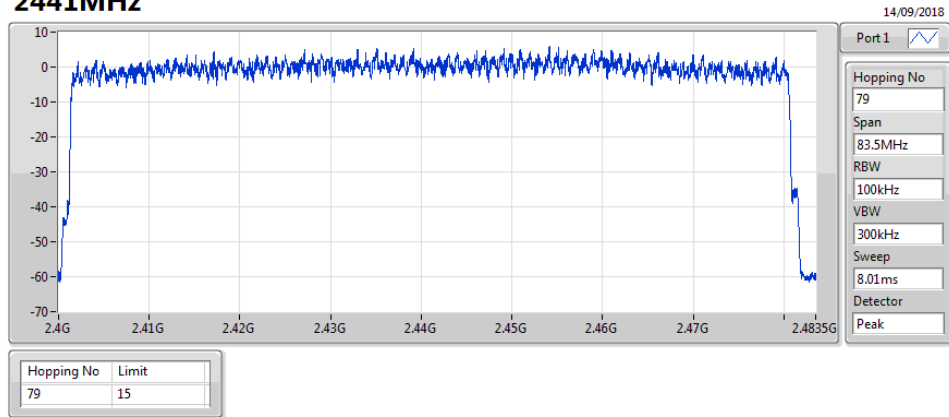
BT-EDR(2Mbps) 2441MHz

Hopping Ch Bandedge (Restricted Band)



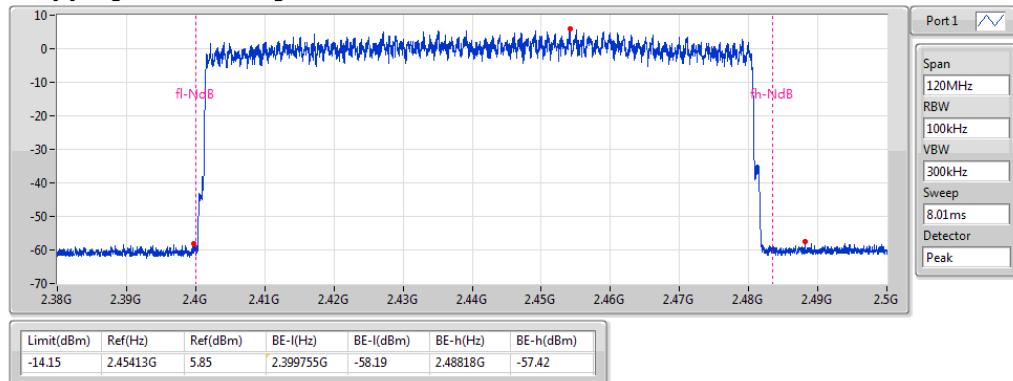
BT-EDR(3Mbps) 2441MHz

Hopping Ch



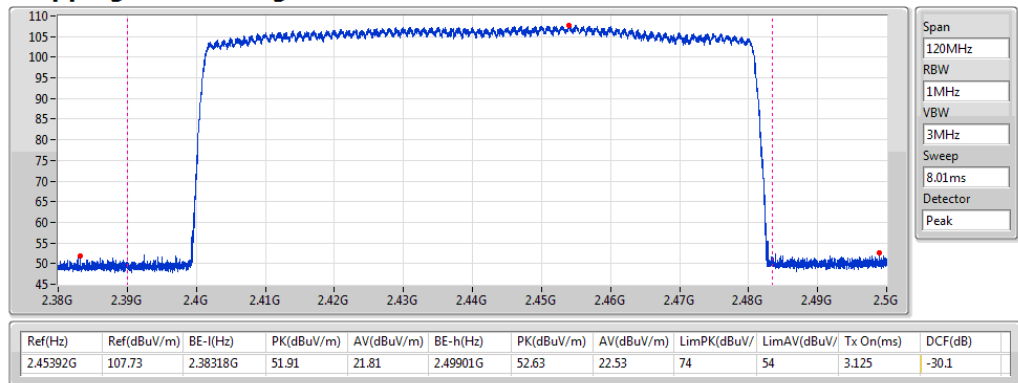
BT-EDR(3Mbps) 2441MHz

Hopping Ch Bandedge (Non-restricted Band)



BT-EDR(3Mbps) 2441MHz

Hopping Ch Bandedge (Restricted Band)



Summary

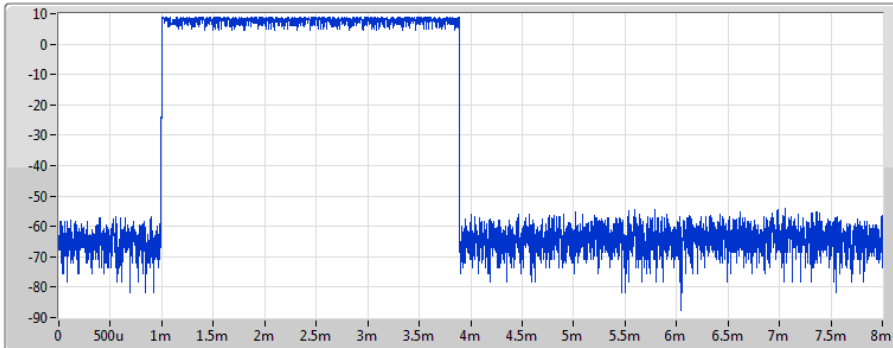
Mode	Max-Dwell (s)
2.4-2.4835GHz	-
BT-BR(1Mbps)	308.1806m
BT-EDR(2Mbps)	308.5004m
BT-EDR(3Mbps)	308.7136m

Result

Mode	Result	Period (s)	Dwell (s)	Limit (s)	Tx On (s)
BT-BR(1Mbps)	-	-	-	-	-
2441MHz_TnomVnom	Pass	31.6	308.1806m	400m	2.891m
BT-EDR(2Mbps)	-	-	-	-	-
2441MHz_TnomVnom	Pass	31.6	308.5004m	400m	2.894m
BT-EDR(3Mbps)	-	-	-	-	-
2441MHz_TnomVnom	Pass	31.6	308.7136m	400m	2.896m

BT-BR(1Mbps)

2441MHz



Period(s)	Dwell(s)	Limit(s)	Tx On(s)
31.6	308.1806m	400m	2.891m

Dwell

14/09/2018

Port 1 

Ch Freq
2.441GHz

RBW
300kHz

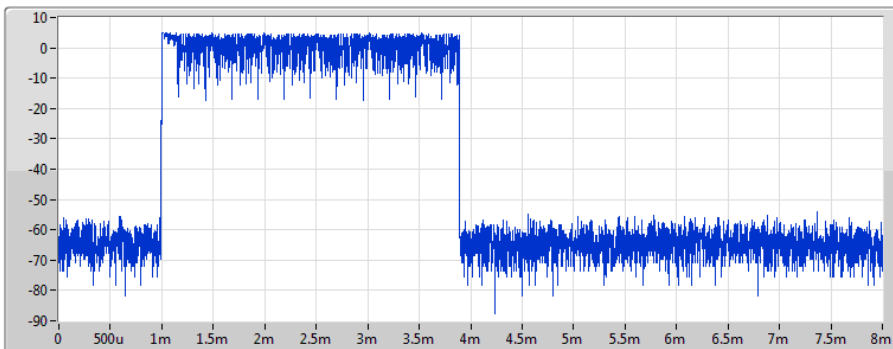
VBW
1MHz

Sweep Time
8ms

TX Time
2.891ms

BT-EDR(2Mbps)

2441MHz



Period(s)	Dwell(s)	Limit(s)	Tx On(s)
31.6	308.5004m	400m	2.894m

Dwell

14/09/2018

Port 1 

Ch Freq
2.441GHz

RBW
300kHz

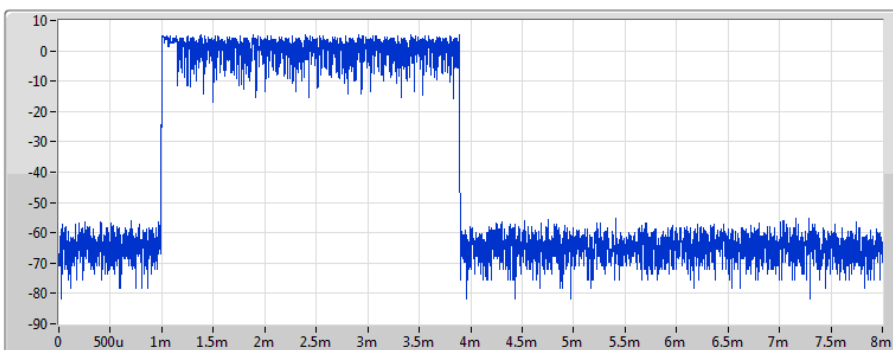
VBW
1MHz

Sweep Time
8ms

TX Time
2.894ms

BT-EDR(3Mbps)

2441MHz



Period(s)	Dwell(s)	Limit(s)	Tx On(s)
31.6	308.7136m	400m	2.896m

Dwell

14/09/2018

Port 1 

Ch Freq
2.441GHz

RBW
300kHz

VBW
1MHz

Sweep Time
8ms

TX Time
2.896ms

Summary

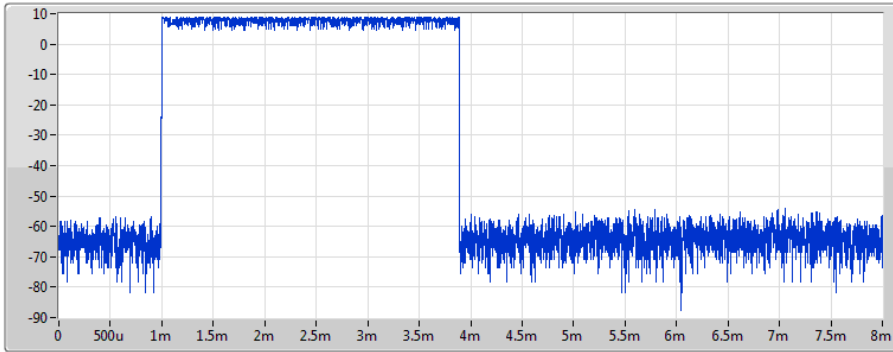
Mode	Max-Dwell (s)
2.4-2.4835GHz	-
BT-BR(1Mbps)	308.1806m
BT-EDR(2Mbps)	308.5004m
BT-EDR(3Mbps)	308.7136m

Result

Mode	Result	Period (s)	Dwell (s)	Limit (s)	Tx On (s)
BT-BR(1Mbps)	-	-	-	-	-
2441MHz_TnomVnom	Pass	31.6	308.1806m	400m	2.891m
BT-EDR(2Mbps)	-	-	-	-	-
2441MHz_TnomVnom	Pass	31.6	308.5004m	400m	2.894m
BT-EDR(3Mbps)	-	-	-	-	-
2441MHz_TnomVnom	Pass	31.6	308.7136m	400m	2.896m

BT-BR(1Mbps)

2441MHz



Period(s)	Dwell(s)	Limit(s)	Tx On(s)
31.6	308.1806m	400m	2.891m

Dwell

14/09/2018

Port 1 

Ch Freq
2.441GHz

RBW
300kHz

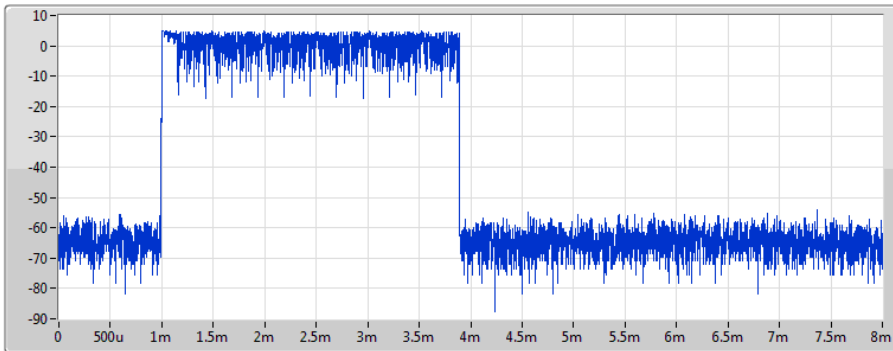
VBW
1MHz

Sweep Time
8ms

TX Time
2.891ms

BT-EDR(2Mbps)

2441MHz



Period(s)	Dwell(s)	Limit(s)	Tx On(s)
31.6	308.5004m	400m	2.894m

Dwell

14/09/2018

Port 1 

Ch Freq
2.441GHz

RBW
300kHz

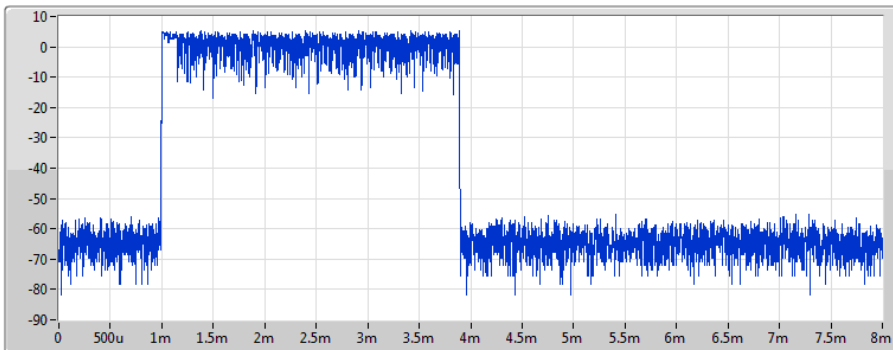
VBW
1MHz

Sweep Time
8ms

TX Time
2.894ms

BT-EDR(3Mbps)

2441MHz



Period(s)	Dwell(s)	Limit(s)	Tx On(s)
31.6	308.7136m	400m	2.896m

Dwell

14/09/2018

Port 1 

Ch Freq
2.441GHz

RBW
300kHz

VBW
1MHz

Sweep Time
8ms

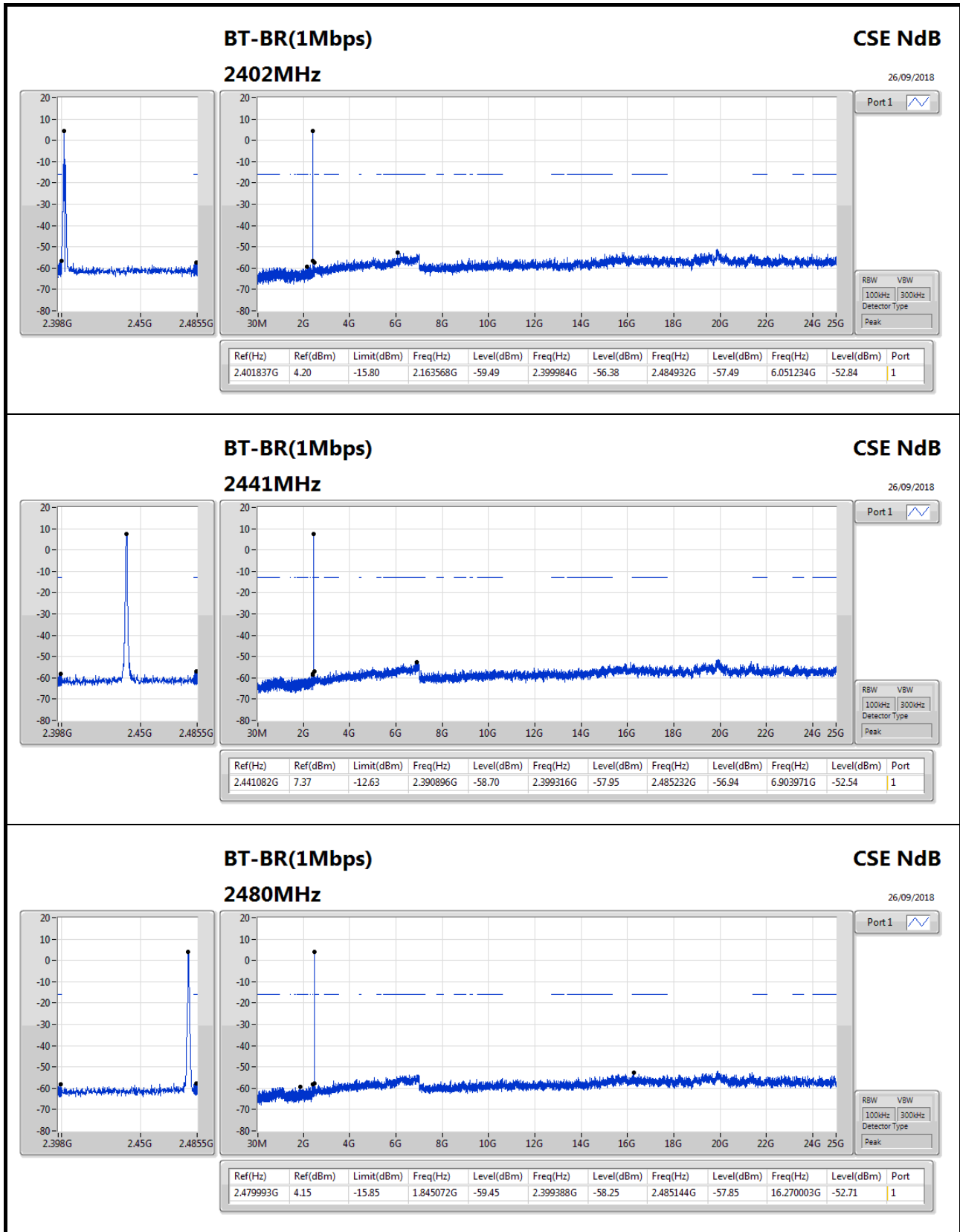
TX Time
2.896ms

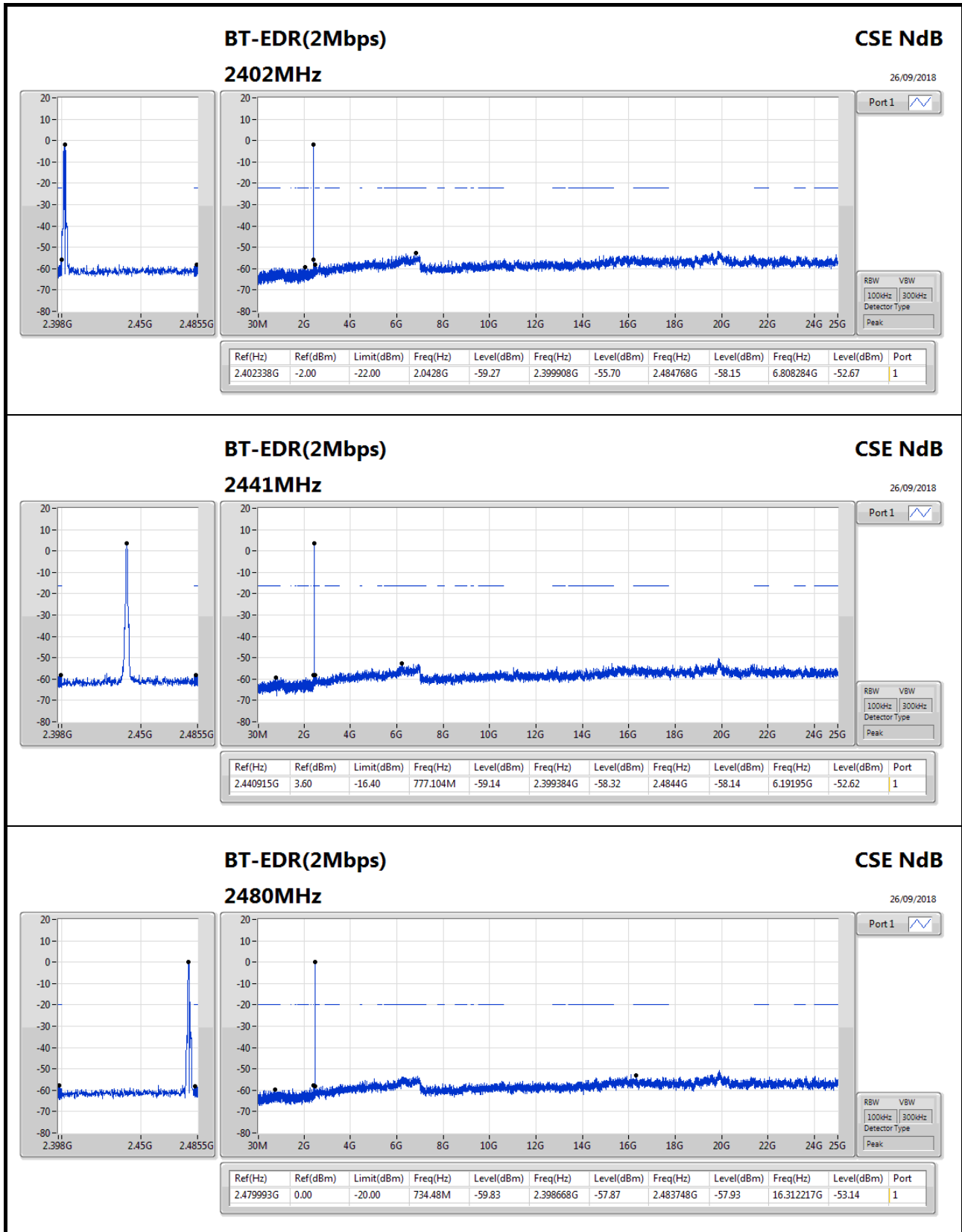
Summary

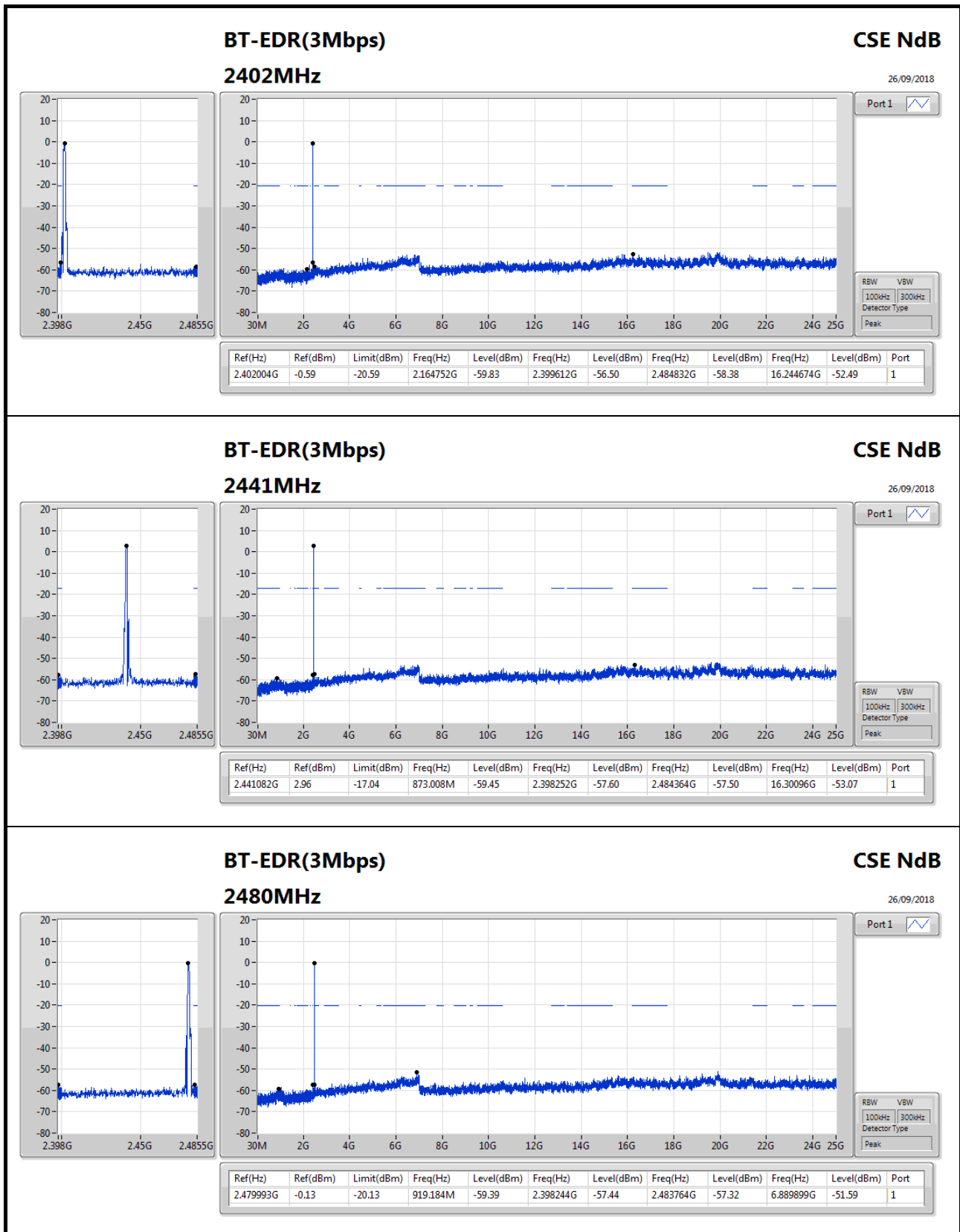
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
BT-BR(1Mbps)	Pass	2.479993G	4.15	-15.85	1.845072G	-59.45	2.399388G	-58.25	2.485144G	-57.85	16.270003G	-52.71	1
BT-EDR(2Mbps)	Pass	2.402338G	-2.00	-22.00	2.0428G	-59.27	2.399908G	-55.70	2.484768G	-58.15	6.808284G	-52.67	1
BT-EDR(3Mbps)	Pass	2.479993G	-0.13	-20.13	919.184M	-59.39	2.398244G	-57.44	2.483764G	-57.32	6.889899G	-51.59	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-BR(1Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	2.401837G	4.20	-15.80	2.163568G	-59.49	2.399984G	-56.38	2.484932G	-57.49	6.051234G	-52.84	1
2441MHz_TnomVnom	Pass	2.441082G	7.37	-12.63	2.390896G	-58.70	2.399316G	-57.95	2.485232G	-56.94	6.903971G	-52.54	1
2480MHz_TnomVnom	Pass	2.479993G	4.15	-15.85	1.845072G	-59.45	2.399388G	-58.25	2.485144G	-57.85	16.270003G	-52.71	1
BT-EDR(2Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	2.402338G	-2.00	-22.00	2.0428G	-59.27	2.399908G	-55.70	2.484768G	-58.15	6.808284G	-52.67	1
2441MHz_TnomVnom	Pass	2.440915G	3.60	-16.40	777.104M	-59.14	2.399384G	-58.32	2.4844G	-58.14	6.19195G	-52.62	1
2480MHz_TnomVnom	Pass	2.479993G	0.00	-20.00	734.48M	-59.83	2.398668G	-57.87	2.483748G	-57.93	16.312217G	-53.14	1
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	2.402004G	-0.59	-20.59	2.164752G	-59.83	2.399612G	-56.50	2.484832G	-58.38	16.244674G	-52.49	1
2441MHz_TnomVnom	Pass	2.441082G	2.96	-17.04	873.008M	-59.45	2.398252G	-57.60	2.484364G	-57.50	16.30096G	-53.07	1
2480MHz_TnomVnom	Pass	2.479993G	-0.13	-20.13	919.184M	-59.39	2.398244G	-57.44	2.483764G	-57.32	6.889899G	-51.59	1





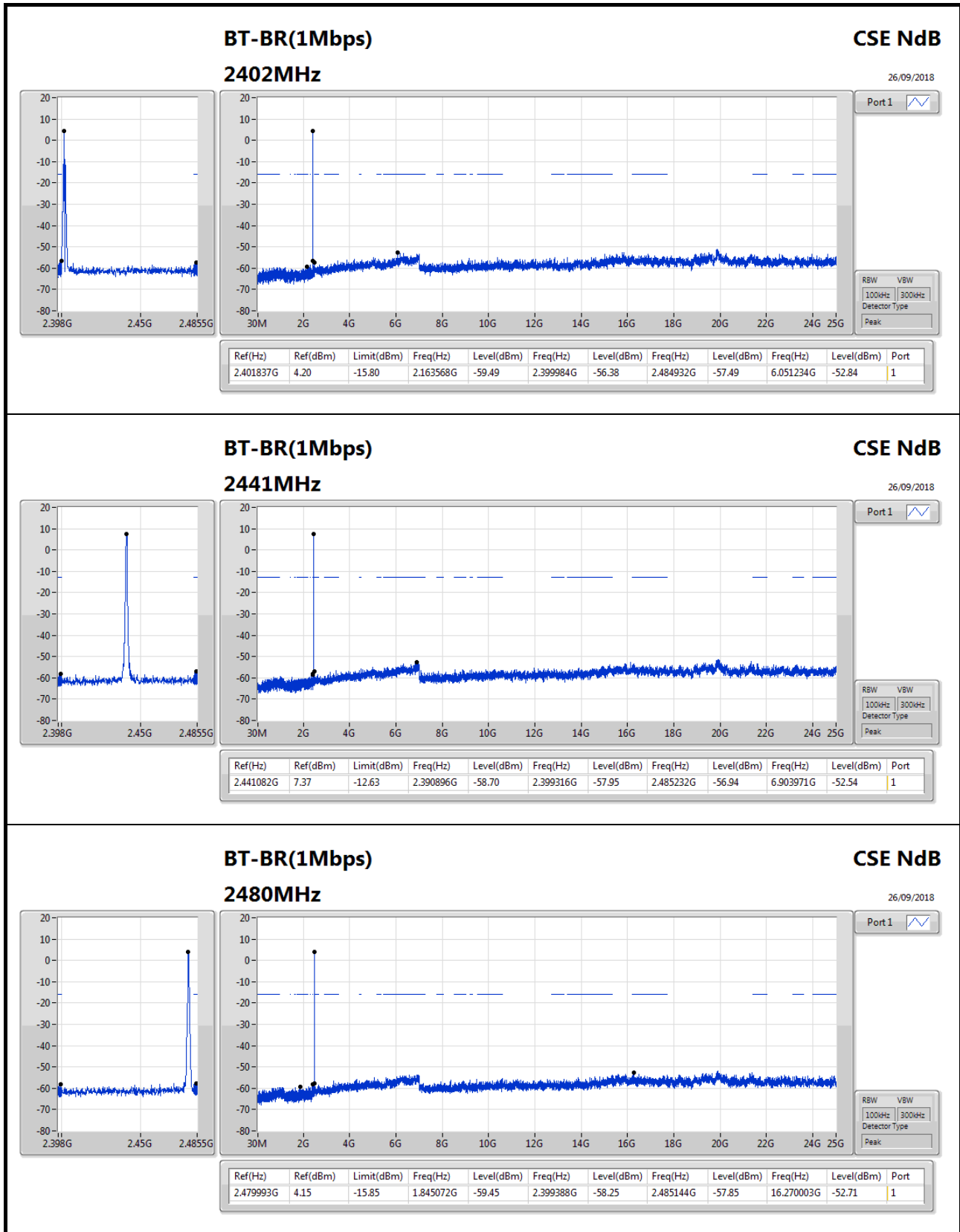


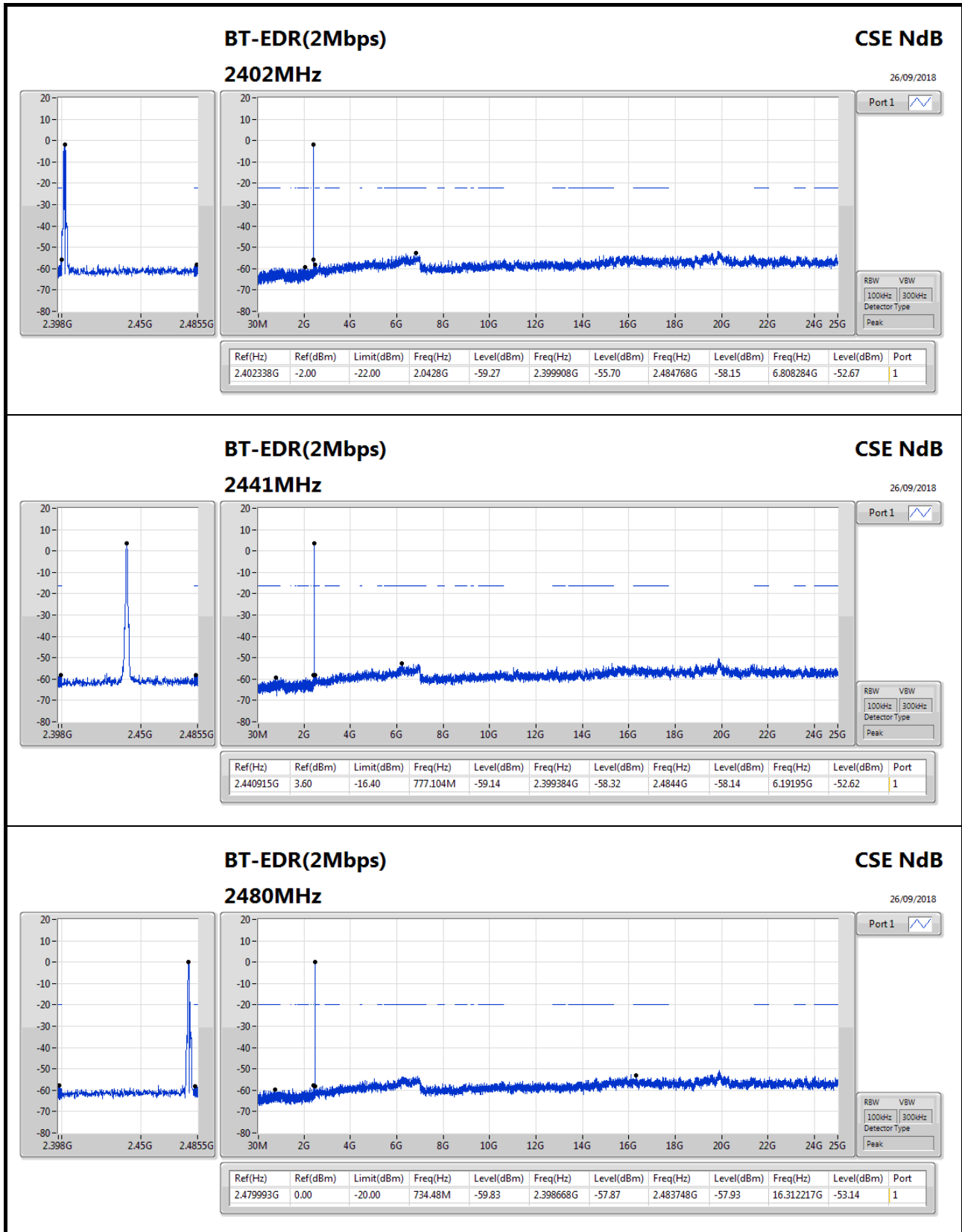
Summary

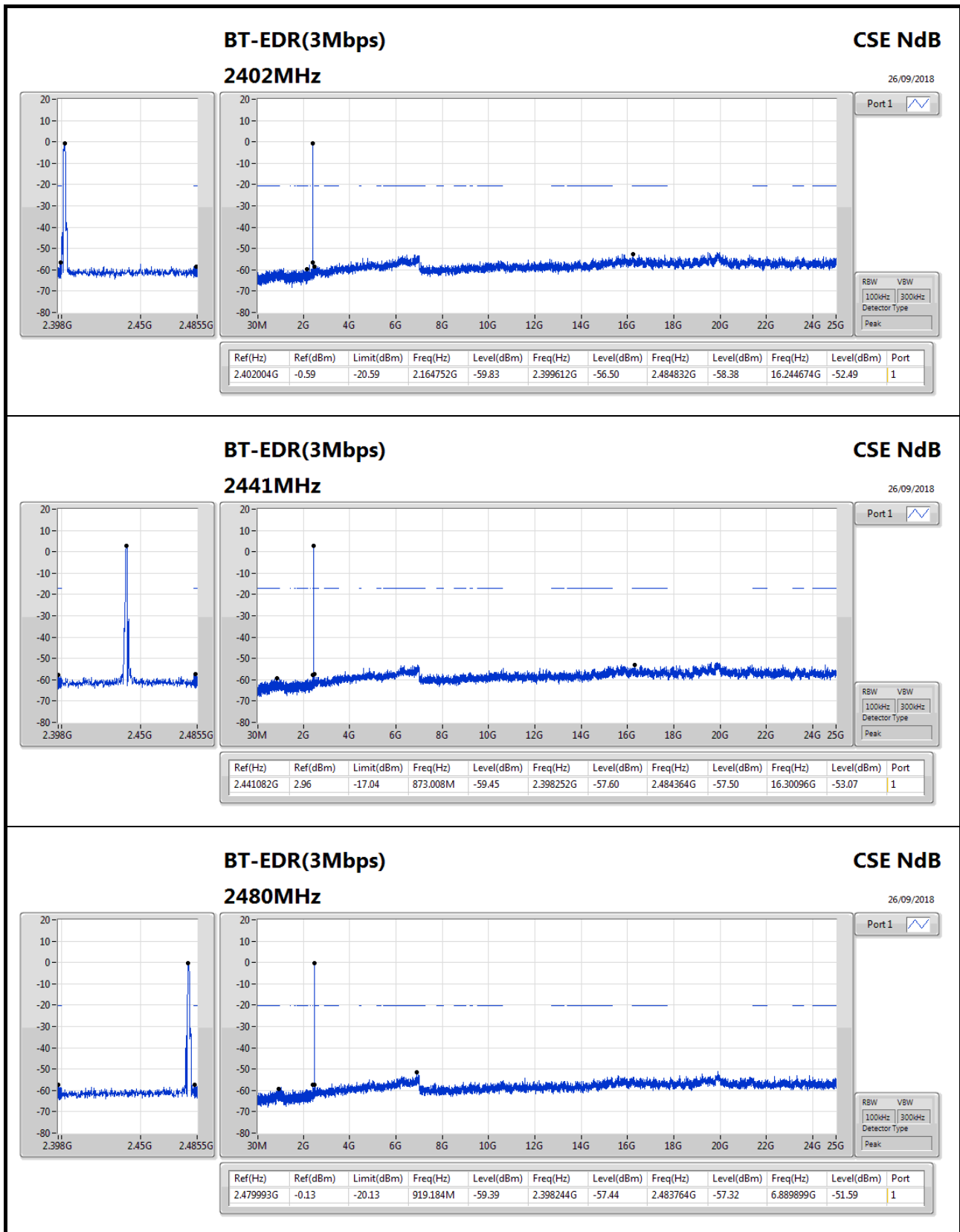
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
BT-BR(1Mbps)	Pass	2.479993G	4.15	-15.85	1.845072G	-59.45	2.399388G	-58.25	2.485144G	-57.85	16.270003G	-52.71	1
BT-EDR(2Mbps)	Pass	2.402338G	-2.00	-22.00	2.0428G	-59.27	2.399908G	-55.70	2.484768G	-58.15	6.808284G	-52.67	1
BT-EDR(3Mbps)	Pass	2.479993G	-0.13	-20.13	919.184M	-59.39	2.398244G	-57.44	2.483764G	-57.32	6.889899G	-51.59	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-BR(1Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	2.401837G	4.20	-15.80	2.163568G	-59.49	2.399984G	-56.38	2.484932G	-57.49	6.051234G	-52.84	1
2441MHz_TnomVnom	Pass	2.441082G	7.37	-12.63	2.390896G	-58.70	2.399316G	-57.95	2.485232G	-56.94	6.903971G	-52.54	1
2480MHz_TnomVnom	Pass	2.479993G	4.15	-15.85	1.845072G	-59.45	2.399388G	-58.25	2.485144G	-57.85	16.270003G	-52.71	1
BT-EDR(2Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	2.402338G	-2.00	-22.00	2.0428G	-59.27	2.399908G	-55.70	2.484768G	-58.15	6.808284G	-52.67	1
2441MHz_TnomVnom	Pass	2.440915G	3.60	-16.40	777.104M	-59.14	2.399384G	-58.32	2.4844G	-58.14	6.19195G	-52.62	1
2480MHz_TnomVnom	Pass	2.479993G	0.00	-20.00	734.48M	-59.83	2.398668G	-57.87	2.483748G	-57.93	16.312217G	-53.14	1
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	2.402004G	-0.59	-20.59	2.164752G	-59.83	2.399612G	-56.50	2.484832G	-58.38	16.244674G	-52.49	1
2441MHz_TnomVnom	Pass	2.441082G	2.96	-17.04	873.008M	-59.45	2.398252G	-57.60	2.484364G	-57.50	16.30096G	-53.07	1
2480MHz_TnomVnom	Pass	2.479993G	-0.13	-20.13	919.184M	-59.39	2.398244G	-57.44	2.483764G	-57.32	6.889899G	-51.59	1







**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-BR(1Mbps)_1TX	Pass	PK	650.8M	43.00	46.00	-3.00	-9.96	3	Vertical	360	1.00	-

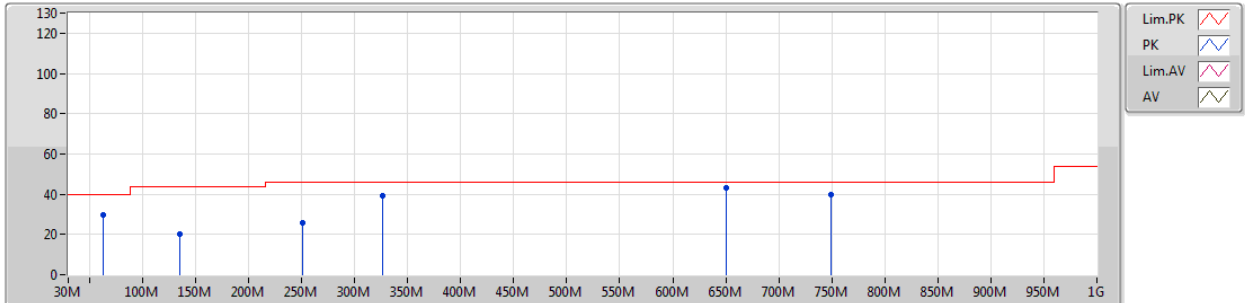
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
BT-BR(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2441MHz	Pass	PK	62.98M	29.88	40.00	-10.12	-25.58	3	Vertical	360	1.00	-
2441MHz	Pass	PK	134.76M	20.01	43.50	-23.49	-19.21	3	Vertical	360	1.00	-
2441MHz	Pass	PK	251.16M	25.72	46.00	-20.28	-16.97	3	Vertical	360	1.00	-
2441MHz	Pass	PK	326.82M	38.95	46.00	-7.05	-16.18	3	Vertical	360	1.00	-
2441MHz	Pass	PK	650.8M	43.00	46.00	-3.00	-9.96	3	Vertical	360	1.00	-
2441MHz	Pass	PK	749.74M	40.06	46.00	-5.94	-8.38	3	Vertical	360	1.00	-
2441MHz	Pass	PK	62.98M	26.04	40.00	-13.96	-25.58	3	Horizontal	0	1.00	-
2441MHz	Pass	PK	198.78M	25.30	43.50	-18.20	-21.07	3	Horizontal	0	1.00	-
2441MHz	Pass	PK	262.8M	30.96	46.00	-15.04	-15.85	3	Horizontal	0	1.00	-
2441MHz	Pass	PK	326.82M	42.09	46.00	-3.91	-16.18	3	Horizontal	0	1.00	-
2441MHz	Pass	PK	650.8M	41.60	46.00	-4.40	-9.96	3	Horizontal	0	1.00	-
2441MHz	Pass	PK	749.74M	42.04	46.00	-3.96	-8.38	3	Horizontal	0	1.00	-

BT-BR(1Mbps)_1TX

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2441MHz_Switching Power Supply

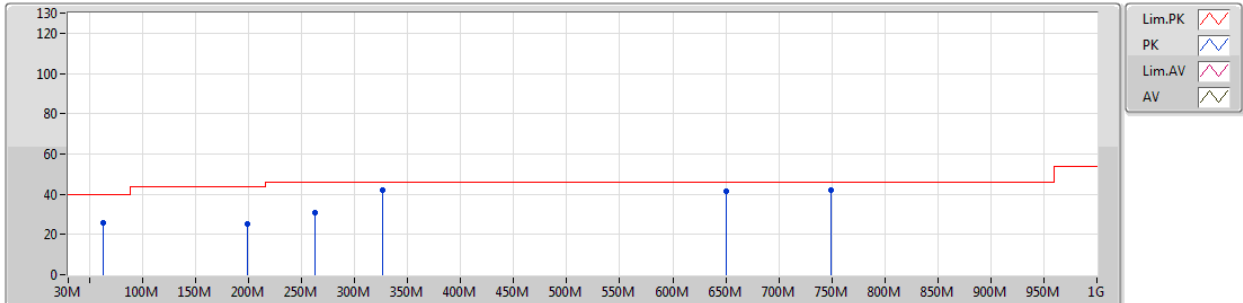


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	62.98M	29.88	40.00	-10.12	-25.58	3	Vertical	360	1.00	-
PK	134.76M	20.01	43.50	-23.49	-19.21	3	Vertical	360	1.00	-
PK	251.16M	25.72	46.00	-20.28	-16.97	3	Vertical	360	1.00	-
PK	326.82M	38.95	46.00	-7.05	-16.18	3	Vertical	360	1.00	-
PK	650.8M	43.00	46.00	-3.00	-9.96	3	Vertical	360	1.00	-
PK	749.74M	40.06	46.00	-5.94	-8.38	3	Vertical	360	1.00	-

BT-BR(1Mbps)_1TX

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2441MHz_Switching Power Supply



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments										
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)											
PK	62.98M	26.04	40.00	-13.96	-25.58	3	Horizontal	0	1.00	-										
PK	198.78M	25.30	43.50	-18.20	-21.07	3	Horizontal	0	1.00	-										
PK	262.8M	30.96	46.00	-15.04	-15.85	3	Horizontal	0	1.00	-										
PK	326.82M	42.09	46.00	-3.91	-16.18	3	Horizontal	0	1.00	-										
PK	650.8M	41.60	46.00	-4.40	-9.96	3	Horizontal	0	1.00	-										
PK	749.74M	42.04	46.00	-3.96	-8.38	3	Horizontal	0	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-BR(1Mbps)_1TX	Pass	AV	2.497G	46.01	54.00	-7.99	31.16	3	Horizontal	351	1.87	-
BT-EDR(2Mbps)_1TX	Pass	AV	2.4986G	45.91	54.00	-8.09	31.17	3	Horizontal	197	2.02	-
BT-EDR(3Mbps)_1TX	Pass	AV	2.4962G	45.91	54.00	-8.09	31.16	3	Vertical	190	1.57	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
BT-BR(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.3882G	45.21	54.00	-8.79	30.77	3	Vertical	225	1.05	-
2402MHz	Pass	AV	2.402G	96.73	Inf	-Inf	30.82	3	Vertical	225	1.05	-
2402MHz	Pass	PK	2.3546G	56.35	74.00	-17.65	30.65	3	Vertical	225	1.05	-
2402MHz	Pass	PK	2.4022G	97.19	Inf	-Inf	30.82	3	Vertical	225	1.05	-
2402MHz	Pass	AV	2.3894G	45.17	54.00	-8.83	30.77	3	Horizontal	283	1.50	-
2402MHz	Pass	AV	2.402G	101.44	Inf	-Inf	30.82	3	Horizontal	283	1.50	-
2402MHz	Pass	PK	2.378G	56.69	74.00	-17.31	30.73	3	Horizontal	283	1.50	-
2402MHz	Pass	PK	2.4022G	101.87	Inf	-Inf	30.82	3	Horizontal	283	1.50	-
2402MHz	Pass	AV	4.8059G	33.14	54.00	-20.86	2.08	3	Vertical	336	1.19	-
2402MHz	Pass	PK	4.804G	43.98	74.00	-30.02	2.08	3	Vertical	336	1.19	-
2402MHz	Pass	AV	4.80766G	33.10	54.00	-20.90	2.08	3	Horizontal	231	1.75	-
2402MHz	Pass	PK	4.804G	43.86	74.00	-30.14	2.08	3	Horizontal	231	1.75	-
2441MHz	Pass	AV	2.3838G	45.12	54.00	-8.88	30.75	3	Vertical	223	1.29	-
2441MHz	Pass	AV	2.441G	98.81	Inf	-Inf	30.95	3	Vertical	223	1.29	-
2441MHz	Pass	AV	2.4938G	45.99	54.00	-8.01	31.15	3	Vertical	223	1.29	-
2441MHz	Pass	PK	2.3514G	56.34	74.00	-17.66	30.64	3	Vertical	223	1.29	-
2441MHz	Pass	PK	2.441G	99.18	Inf	-Inf	30.95	3	Vertical	223	1.29	-
2441MHz	Pass	PK	2.4962G	56.64	74.00	-17.36	31.16	3	Vertical	223	1.29	-
2441MHz	Pass	AV	2.3858G	45.13	54.00	-8.87	30.76	3	Horizontal	351	1.87	-
2441MHz	Pass	AV	2.441G	105.36	Inf	-Inf	30.95	3	Horizontal	351	1.87	-
2441MHz	Pass	AV	2.497G	46.01	54.00	-7.99	31.16	3	Horizontal	351	1.87	-
2441MHz	Pass	PK	2.3638G	56.03	74.00	-17.97	30.68	3	Horizontal	351	1.87	-
2441MHz	Pass	PK	2.441G	105.71	Inf	-Inf	30.95	3	Horizontal	351	1.87	-
2441MHz	Pass	PK	2.4962G	56.64	74.00	-17.36	31.16	3	Horizontal	351	1.87	-
2441MHz	Pass	AV	4.88174G	32.93	54.00	-21.07	2.27	3	Vertical	324	2.20	-
2441MHz	Pass	PK	4.88662G	43.79	74.00	-30.21	2.29	3	Vertical	324	2.20	-
2441MHz	Pass	AV	4.88192G	33.71	54.00	-20.29	2.27	3	Horizontal	287	2.27	-
2441MHz	Pass	PK	4.88622G	43.98	74.00	-30.02	2.29	3	Horizontal	287	2.27	-
2480MHz	Pass	AV	2.48G	95.71	Inf	-Inf	31.09	3	Vertical	226	1.50	-
2480MHz	Pass	AV	2.4998G	45.88	54.00	-8.12	31.17	3	Vertical	226	1.50	-
2480MHz	Pass	PK	2.4802G	96.11	Inf	-Inf	31.09	3	Vertical	226	1.50	-
2480MHz	Pass	PK	2.4962G	56.81	74.00	-17.19	31.16	3	Vertical	226	1.50	-
2480MHz	Pass	AV	2.48G	102.15	Inf	-Inf	31.09	3	Horizontal	349	1.74	-
2480MHz	Pass	AV	2.485G	45.90	54.00	-8.10	31.12	3	Horizontal	349	1.74	-
2480MHz	Pass	PK	2.4802G	102.49	Inf	-Inf	31.09	3	Horizontal	349	1.74	-
2480MHz	Pass	PK	2.4852G	56.61	74.00	-17.39	31.12	3	Horizontal	349	1.74	-
2480MHz	Pass	AV	4.9614G	32.77	54.00	-21.23	2.47	3	Vertical	69	1.20	-
2480MHz	Pass	PK	4.9608G	43.62	74.00	-30.38	2.47	3	Vertical	69	1.20	-
2480MHz	Pass	AV	4.96236G	32.75	54.00	-21.25	2.47	3	Horizontal	67	2.03	-
2480MHz	Pass	PK	4.96282G	43.89	74.00	-30.11	2.47	3	Horizontal	67	2.03	-
BT-EDR(2Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.3852G	45.16	54.00	-8.84	30.76	3	Vertical	223	1.53	-
2402MHz	Pass	AV	2.402G	90.96	Inf	-Inf	30.82	3	Vertical	223	1.53	-
2402MHz	Pass	PK	2.3858G	56.55	74.00	-17.45	30.76	3	Vertical	223	1.53	-
2402MHz	Pass	PK	2.4022G	93.97	Inf	-Inf	30.82	3	Vertical	223	1.53	-
2402MHz	Pass	AV	2.3876G	45.23	54.00	-8.77	30.77	3	Horizontal	333	1.96	-
2402MHz	Pass	AV	2.402G	96.33	Inf	-Inf	30.82	3	Horizontal	333	1.96	-

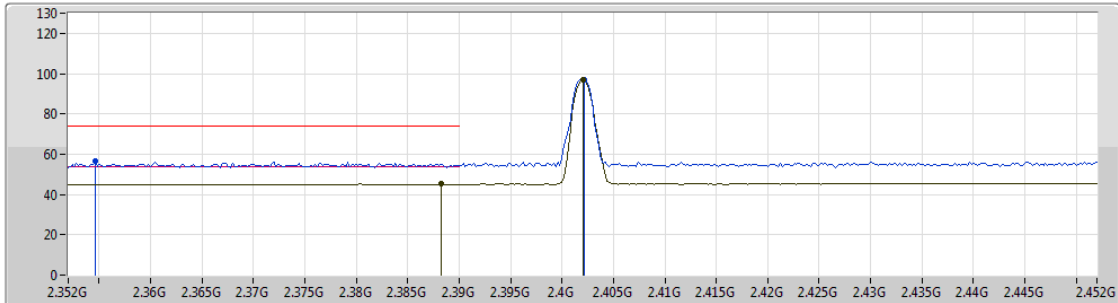
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2402MHz	Pass	PK	2.3728G	56.03	74.00	-17.97	30.71	3	Horizontal	333	1.96	-
2402MHz	Pass	PK	2.4022G	99.34	Inf	-Inf	30.82	3	Horizontal	333	1.96	-
2402MHz	Pass	AV	4.80624G	33.17	54.00	-20.83	2.08	3	Vertical	105	2.18	-
2402MHz	Pass	PK	4.80524G	44.03	74.00	-29.97	2.08	3	Vertical	105	2.18	-
2402MHz	Pass	AV	4.8055G	33.15	54.00	-20.85	2.08	3	Horizontal	121	1.91	-
2402MHz	Pass	PK	4.80164G	43.94	74.00	-30.06	2.07	3	Horizontal	121	1.91	-
2441MHz	Pass	AV	2.3698G	45.11	54.00	-8.89	30.71	3	Vertical	186	1.01	-
2441MHz	Pass	AV	2.441G	96.85	Inf	-Inf	30.95	3	Vertical	186	1.01	-
2441MHz	Pass	AV	2.4994G	45.88	54.00	-8.12	31.17	3	Vertical	186	1.01	-
2441MHz	Pass	PK	2.3554G	55.54	74.00	-18.46	30.66	3	Vertical	186	1.01	-
2441MHz	Pass	PK	2.441G	99.74	Inf	-Inf	30.95	3	Vertical	186	1.01	-
2441MHz	Pass	PK	2.4835G	56.40	74.00	-17.60	31.11	3	Vertical	186	1.01	-
2441MHz	Pass	AV	2.3858G	45.13	54.00	-8.87	30.76	3	Horizontal	197	2.02	-
2441MHz	Pass	AV	2.441G	100.48	Inf	-Inf	30.95	3	Horizontal	197	2.02	-
2441MHz	Pass	AV	2.4986G	45.91	54.00	-8.09	31.17	3	Horizontal	197	2.02	-
2441MHz	Pass	PK	2.3566G	55.61	74.00	-18.39	30.66	3	Horizontal	197	2.02	-
2441MHz	Pass	PK	2.441G	103.32	Inf	-Inf	30.95	3	Horizontal	197	2.02	-
2441MHz	Pass	PK	2.4854G	56.94	74.00	-17.06	31.12	3	Horizontal	197	2.02	-
2441MHz	Pass	AV	4.882G	32.96	54.00	-21.04	2.27	3	Vertical	293	1.09	-
2441MHz	Pass	PK	4.88668G	43.38	74.00	-30.62	2.29	3	Vertical	293	1.09	-
2441MHz	Pass	AV	4.88572G	32.84	54.00	-21.16	2.29	3	Horizontal	114	2.21	-
2441MHz	Pass	PK	4.87728G	43.90	74.00	-30.10	2.26	3	Horizontal	114	2.21	-
2480MHz	Pass	AV	2.48G	94.52	Inf	-Inf	31.09	3	Vertical	184	1.00	-
2480MHz	Pass	AV	2.4982G	45.87	54.00	-8.13	31.16	3	Vertical	184	1.00	-
2480MHz	Pass	PK	2.4798G	97.28	Inf	-Inf	31.09	3	Vertical	184	1.00	-
2480MHz	Pass	PK	2.4862G	55.98	74.00	-18.02	31.12	3	Vertical	184	1.00	-
2480MHz	Pass	AV	2.48G	97.55	Inf	-Inf	31.09	3	Horizontal	196	1.52	-
2480MHz	Pass	AV	2.4964G	45.87	54.00	-8.13	31.16	3	Horizontal	196	1.52	-
2480MHz	Pass	PK	2.4798G	100.37	Inf	-Inf	31.09	3	Horizontal	196	1.52	-
2480MHz	Pass	PK	2.4966G	56.60	74.00	-17.40	31.16	3	Horizontal	196	1.52	-
2480MHz	Pass	AV	4.9618G	32.69	54.00	-21.31	2.47	3	Vertical	258	1.32	-
2480MHz	Pass	PK	4.95578G	43.26	74.00	-30.74	2.46	3	Vertical	258	1.32	-
2480MHz	Pass	AV	4.96312G	32.73	54.00	-21.27	2.47	3	Horizontal	143	1.65	-
2480MHz	Pass	PK	4.96204G	43.81	74.00	-30.19	2.47	3	Horizontal	143	1.65	-
BT-EDR(3Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.383G	45.16	54.00	-8.84	30.75	3	Vertical	192	1.01	-
2402MHz	Pass	AV	2.402G	90.52	Inf	-Inf	30.82	3	Vertical	192	1.01	-
2402MHz	Pass	PK	2.3868G	56.10	74.00	-17.90	30.76	3	Vertical	192	1.01	-
2402MHz	Pass	PK	2.402G	93.61	Inf	-Inf	30.82	3	Vertical	192	1.01	-
2402MHz	Pass	AV	2.3822G	45.11	54.00	-8.89	30.75	3	Horizontal	191	2.14	-
2402MHz	Pass	AV	2.402G	96.09	Inf	-Inf	30.82	3	Horizontal	191	2.14	-
2402MHz	Pass	PK	2.3706G	56.30	74.00	-17.70	30.71	3	Horizontal	191	2.14	-
2402MHz	Pass	PK	2.402G	99.16	Inf	-Inf	30.82	3	Horizontal	191	2.14	-
2402MHz	Pass	AV	4.80882G	33.16	54.00	-20.84	2.09	3	Vertical	201	1.25	-
2402MHz	Pass	PK	4.80644G	44.08	74.00	-29.92	2.08	3	Vertical	201	1.25	-
2402MHz	Pass	AV	4.80684G	33.11	54.00	-20.89	2.08	3	Horizontal	139	1.33	-
2402MHz	Pass	PK	4.80268G	44.11	74.00	-29.89	2.07	3	Horizontal	139	1.33	-
2441MHz	Pass	AV	2.3774G	45.09	54.00	-8.91	30.73	3	Vertical	190	1.57	-
2441MHz	Pass	AV	2.441G	93.96	Inf	-Inf	30.95	3	Vertical	190	1.57	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2441MHz	Pass	AV	2.4962G	45.91	54.00	-8.09	31.16	3	Vertical	190	1.57	-
2441MHz	Pass	PK	2.3742G	56.48	74.00	-17.52	30.72	3	Vertical	190	1.57	-
2441MHz	Pass	PK	2.441G	96.90	Inf	-Inf	30.95	3	Vertical	190	1.57	-
2441MHz	Pass	PK	2.4902G	56.95	74.00	-17.05	31.13	3	Vertical	190	1.57	-
2441MHz	Pass	AV	2.3674G	45.09	54.00	-8.91	30.70	3	Horizontal	195	2.02	-
2441MHz	Pass	AV	2.441G	100.38	Inf	-Inf	30.95	3	Horizontal	195	2.02	-
2441MHz	Pass	AV	2.4906G	45.90	54.00	-8.10	31.13	3	Horizontal	195	2.02	-
2441MHz	Pass	PK	2.3554G	55.43	74.00	-18.57	30.66	3	Horizontal	195	2.02	-
2441MHz	Pass	PK	2.441G	103.31	Inf	-Inf	30.95	3	Horizontal	195	2.02	-
2441MHz	Pass	PK	2.4946G	56.77	74.00	-17.23	31.15	3	Horizontal	195	2.02	-
2441MHz	Pass	AV	4.88198G	33.53	54.00	-20.47	2.27	3	Vertical	323	1.51	-
2441MHz	Pass	PK	4.88482G	43.54	74.00	-30.46	2.29	3	Vertical	323	1.51	-
2441MHz	Pass	AV	4.88556G	32.77	54.00	-21.23	2.29	3	Horizontal	304	1.94	-
2441MHz	Pass	PK	4.88106G	44.15	74.00	-29.85	2.27	3	Horizontal	304	1.94	-
2480MHz	Pass	AV	2.48G	91.59	Inf	-Inf	31.09	3	Vertical	196	1.42	-
2480MHz	Pass	AV	2.496G	45.86	54.00	-8.14	31.16	3	Vertical	196	1.42	-
2480MHz	Pass	PK	2.48G	94.41	Inf	-Inf	31.09	3	Vertical	196	1.42	-
2480MHz	Pass	PK	2.496G	56.83	74.00	-17.17	31.16	3	Vertical	196	1.42	-
2480MHz	Pass	AV	2.48G	97.70	Inf	-Inf	31.09	3	Horizontal	195	1.99	-
2480MHz	Pass	AV	2.4876G	45.87	54.00	-8.13	31.13	3	Horizontal	195	1.99	-
2480MHz	Pass	PK	2.48G	100.51	Inf	-Inf	31.09	3	Horizontal	195	1.99	-
2480MHz	Pass	PK	2.493G	56.55	74.00	-17.45	31.14	3	Horizontal	195	1.99	-
2480MHz	Pass	AV	4.96426G	32.73	54.00	-21.27	2.47	3	Vertical	288	1.50	-
2480MHz	Pass	PK	4.96254G	42.91	74.00	-31.09	2.47	3	Vertical	288	1.50	-
2480MHz	Pass	AV	4.96456G	32.72	54.00	-21.28	2.48	3	Horizontal	231	1.98	-
2480MHz	Pass	PK	4.95842G	43.67	74.00	-30.33	2.46	3	Horizontal	231	1.98	-

BT-BR(1Mbps)_1TX

18/09/2018

2402MHz_TX



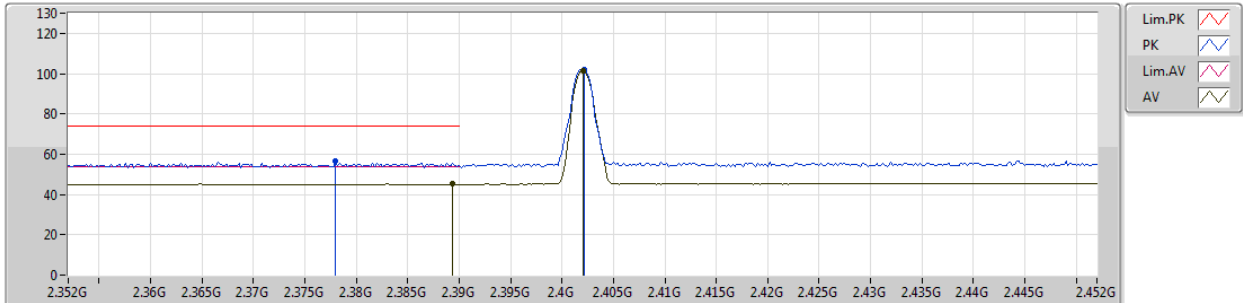
Lim.PK	
PK	
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AV	

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	2.3882G	45.21	54.00	-8.79	30.77	3	Vertical	225	1.05	-								
AV	2.402G	96.73	Inf	-Inf	30.82	3	Vertical	225	1.05	-								
PK	2.3546G	56.35	74.00	-17.65	30.65	3	Vertical	225	1.05	-								
PK	2.4022G	97.19	Inf	-Inf	30.82	3	Vertical	225	1.05	-								

BT-BR(1Mbps)_1TX

2402MHz_TX

18/09/2018



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3894G	45.17	54.00	-8.83	30.77	3	Horizontal	283	1.50	-
AV	2.402G	101.44	Inf	-Inf	30.82	3	Horizontal	283	1.50	-
PK	2.378G	56.69	74.00	-17.31	30.73	3	Horizontal	283	1.50	-
PK	2.402G	101.87	Inf	-Inf	30.82	3	Horizontal	283	1.50	-

BT-BR(1Mbps)_1TX

18/09/2018

2402MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	4.8059G	33.14	54.00	-20.86	2.08	3	Vertical	336	1.19	-								
PK	4.804G	43.98	74.00	-30.02	2.08	3	Vertical	336	1.19	-								

BT-BR(1Mbps)_1TX

18/09/2018

2402MHz_TX

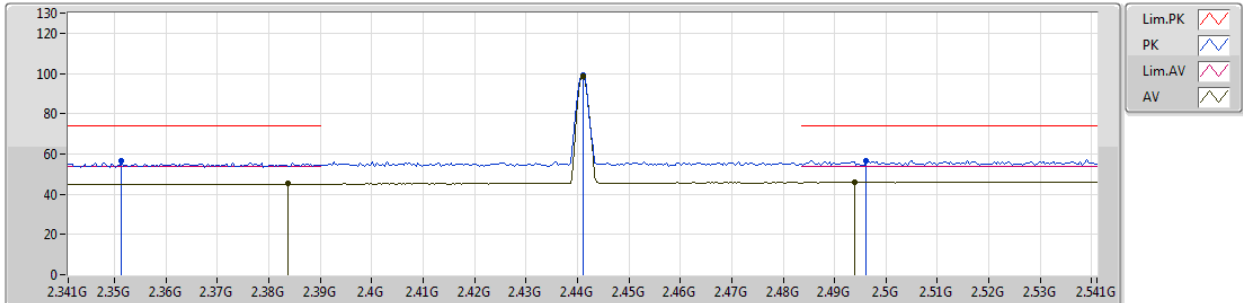


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments							
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)								
AV	4.80766G	33.10	54.00	-20.90	2.08	3	Horizontal	231	1.75	-							
PK	4.804G	43.86	74.00	-30.14	2.08	3	Horizontal	231	1.75	-							

BT-BR(1Mbps)_1TX

2441MHz_TX

18/09/2018

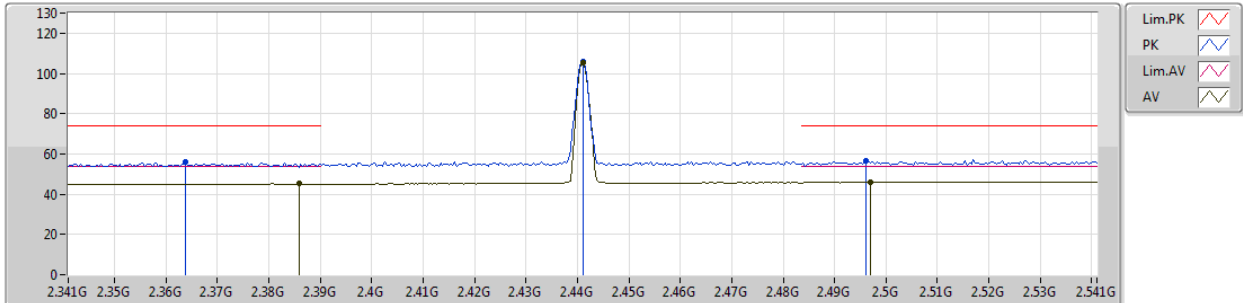


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments										
AV	2.3838G	45.12	54.00	-8.88	30.75	3	Vertical	223	1.29	-										
AV	2.441G	98.81	Inf	-Inf	30.95	3	Vertical	223	1.29	-										
AV	2.4938G	45.99	54.00	-8.01	31.15	3	Vertical	223	1.29	-										
PK	2.3514G	56.34	74.00	-17.66	30.64	3	Vertical	223	1.29	-										
PK	2.441G	99.18	Inf	-Inf	30.95	3	Vertical	223	1.29	-										
PK	2.4962G	56.64	74.00	-17.36	31.16	3	Vertical	223	1.29	-										

BT-BR(1Mbps)_1TX

18/09/2018

2441MHz_TX

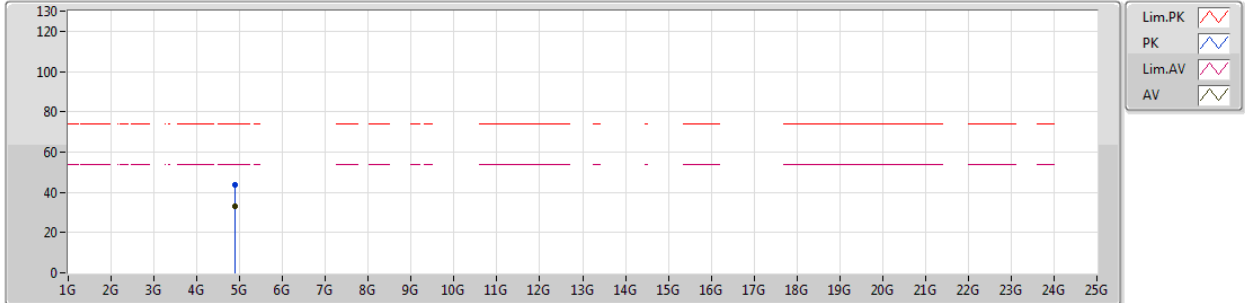


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3858G	45.13	54.00	-8.87	30.76	3	Horizontal	351	1.87	-
AV	2.441G	105.36	Inf	-Inf	30.95	3	Horizontal	351	1.87	-
AV	2.497G	46.01	54.00	-7.99	31.16	3	Horizontal	351	1.87	-
PK	2.3638G	56.03	74.00	-17.97	30.68	3	Horizontal	351	1.87	-
PK	2.441G	105.71	Inf	-Inf	30.95	3	Horizontal	351	1.87	-
PK	2.4962G	56.64	74.00	-17.36	31.16	3	Horizontal	351	1.87	-

BT-BR(1Mbps)_1TX

18/09/2018

2441MHz_TX

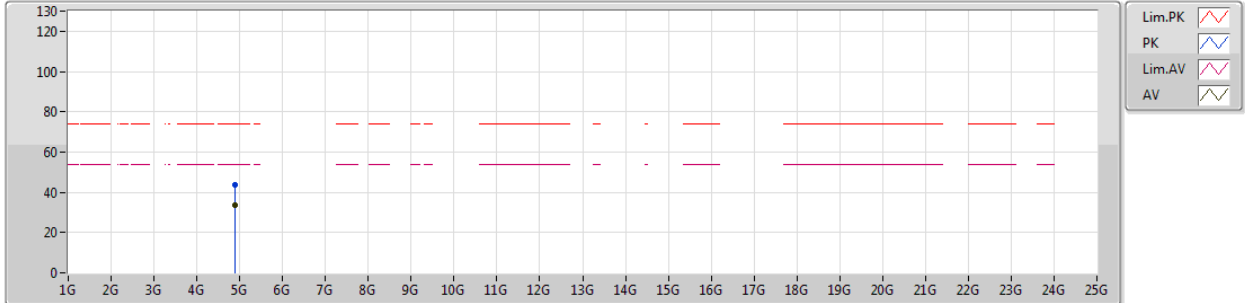


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.88174G	32.93	54.00	-21.07	2.27	3	Vertical	324	2.20	-
PK	4.88662G	43.79	74.00	-30.21	2.29	3	Vertical	324	2.20	-

BT-BR(1Mbps)_1TX

18/09/2018

2441MHz_TX

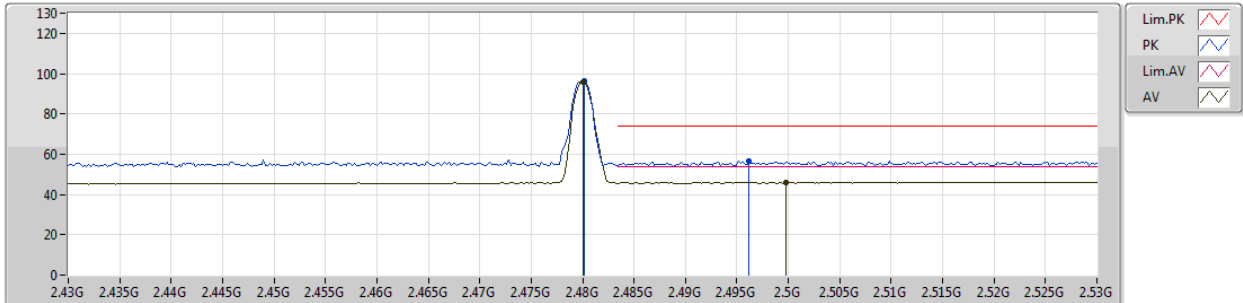


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	4.88192G	33.71	54.00	-20.29	2.27	3	Horizontal	287	2.27	-								
PK	4.88622G	43.98	74.00	-30.02	2.29	3	Horizontal	287	2.27	-								

BT-BR(1Mbps)_1TX

2480MHz_TX

18/09/2018

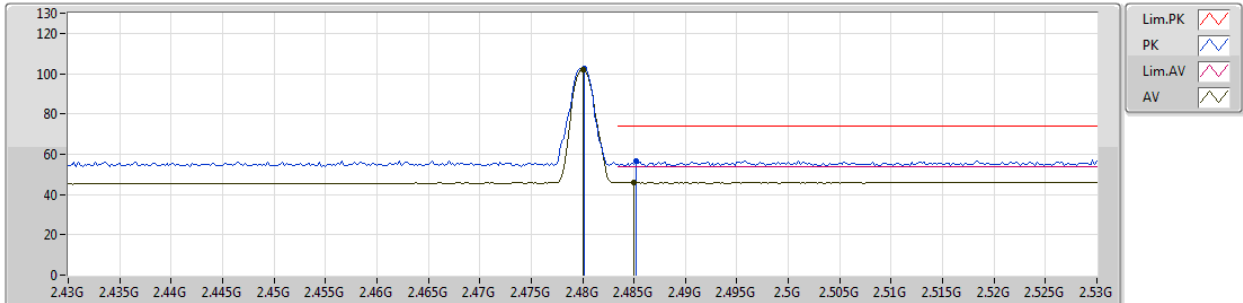


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.48G	95.71	Inf	-Inf	31.09	3	Vertical	226	1.50	-
AV	2.4998G	45.88	54.00	-8.12	31.17	3	Vertical	226	1.50	-
PK	2.4802G	96.11	Inf	-Inf	31.09	3	Vertical	226	1.50	-
PK	2.4962G	56.81	74.00	-17.19	31.16	3	Vertical	226	1.50	-

BT-BR(1Mbps)_1TX

2480MHz_TX

18/09/2018

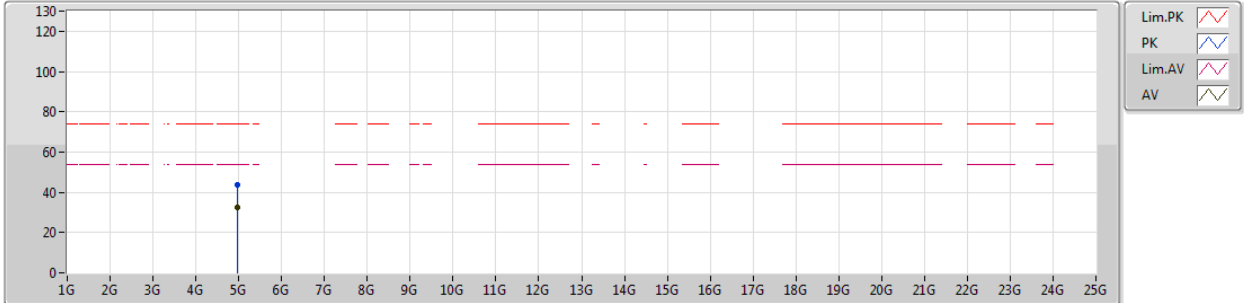


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.48G	102.15	Inf	-Inf	31.09	3	Horizontal	349	1.74	-
AV	2.485G	45.90	54.00	-8.10	31.12	3	Horizontal	349	1.74	-
PK	2.4802G	102.49	Inf	-Inf	31.09	3	Horizontal	349	1.74	-
PK	2.4852G	56.61	74.00	-17.39	31.12	3	Horizontal	349	1.74	-

BT-BR(1Mbps)_1TX

18/09/2018

2480MHz_TX

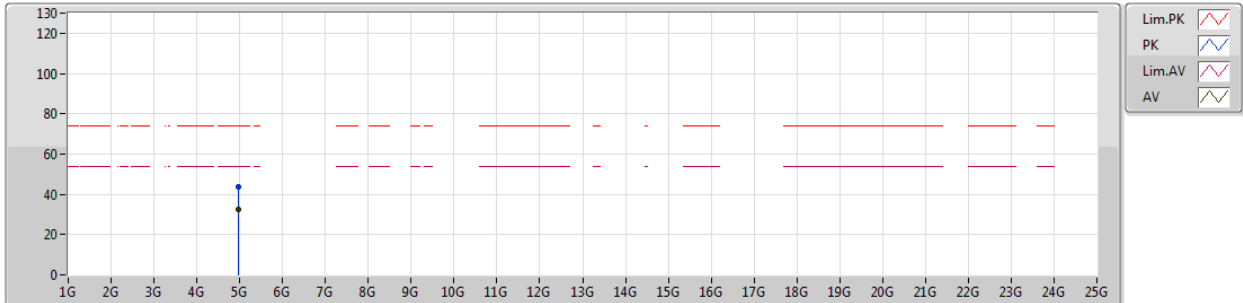


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.9614G	32.77	54.00	-21.23	2.47	3	Vertical	69	1.20	-
PK	4.9608G	43.62	74.00	-30.38	2.47	3	Vertical	69	1.20	-

BT-BR(1Mbps)_1TX

18/09/2018

2480MHz_TX

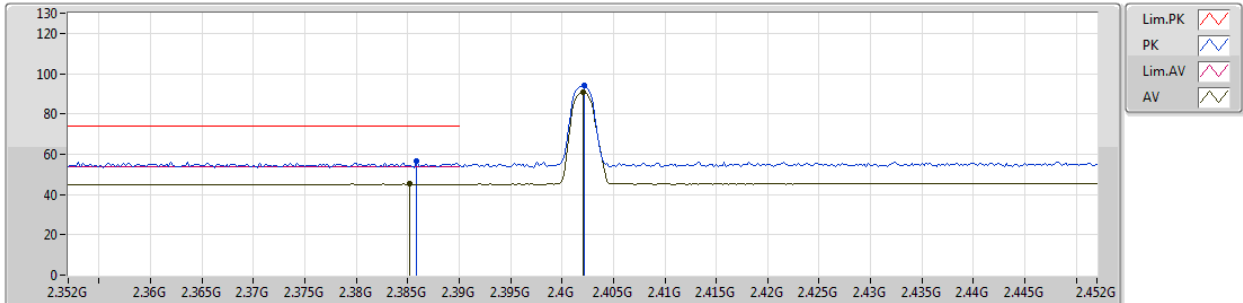


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.96236G	32.75	54.00	-21.25	2.47	3	Horizontal	67	2.03	-
PK	4.96282G	43.89	74.00	-30.11	2.47	3	Horizontal	67	2.03	-

BT-EDR(2Mbps)_1TX

18/09/2018

2402MHz_TX

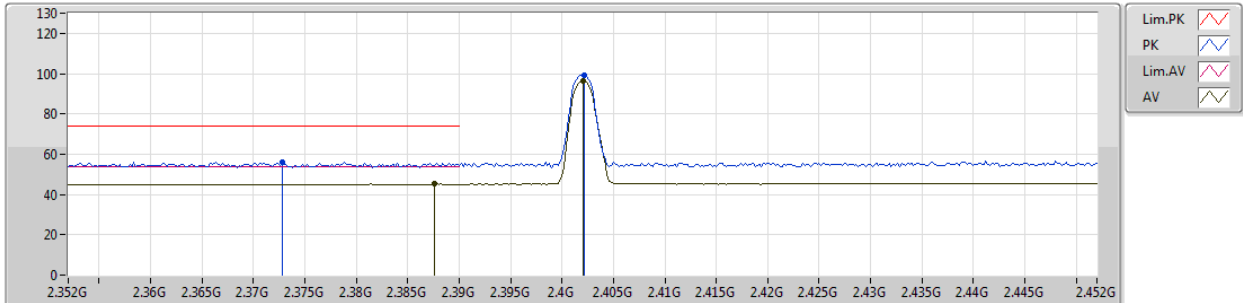


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	2.3852G	45.16	54.00	-8.84	30.76	3	Vertical	223	1.53	-								
AV	2.402G	90.96	Inf	-Inf	30.82	3	Vertical	223	1.53	-								
PK	2.3858G	56.55	74.00	-17.45	30.76	3	Vertical	223	1.53	-								
PK	2.4022G	93.97	Inf	-Inf	30.82	3	Vertical	223	1.53	-								

BT-EDR(2Mbps)_1TX

2402MHz_TX

18/09/2018

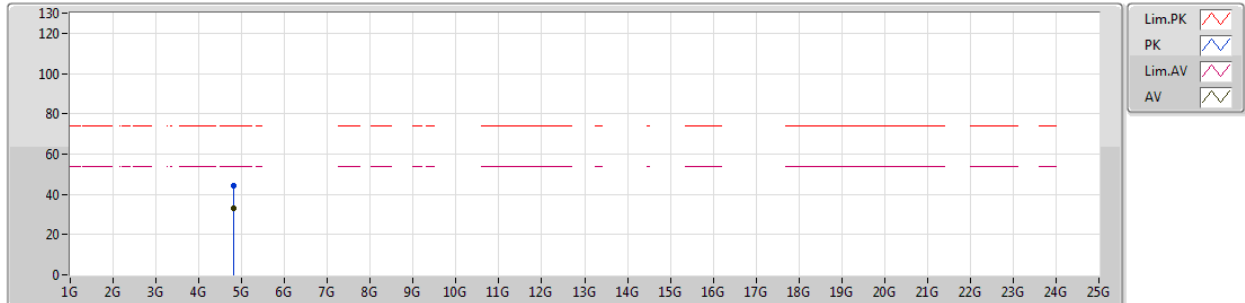


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	2.3876G	45.23	54.00	-8.77	30.77	3	Horizontal	333	1.96	-								
AV	2.402G	96.33	Inf	-Inf	30.82	3	Horizontal	333	1.96	-								
PK	2.3728G	56.03	74.00	-17.97	30.71	3	Horizontal	333	1.96	-								
PK	2.4022G	99.34	Inf	-Inf	30.82	3	Horizontal	333	1.96	-								

BT-EDR(2Mbps)_1TX

18/09/2018

2402MHz_TX

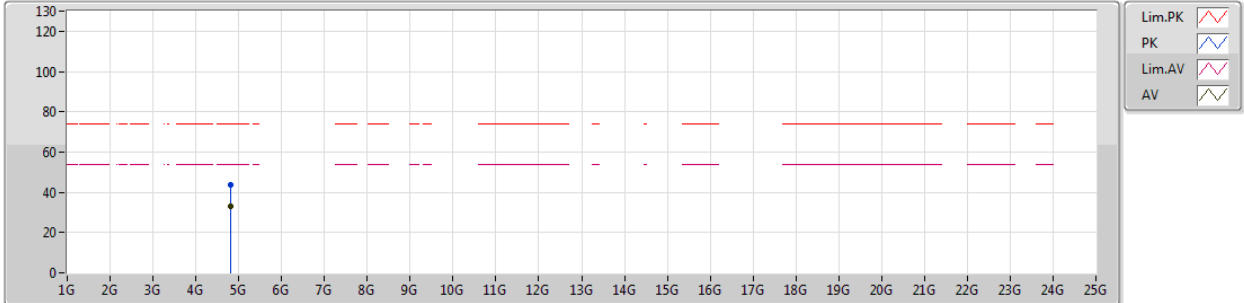


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.80624G	33.17	54.00	-20.83	2.08	3	Vertical	105	2.18	-
PK	4.80524G	44.03	74.00	-29.97	2.08	3	Vertical	105	2.18	-

BT-EDR(2Mbps)_1TX

18/09/2018

2402MHz_TX

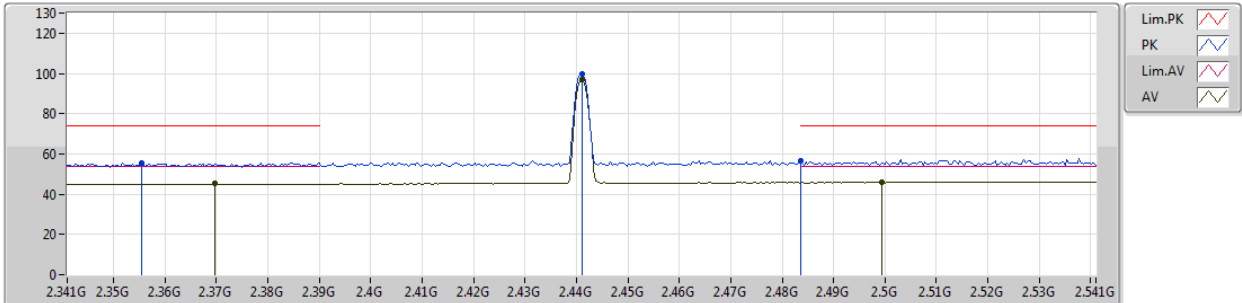


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.8055G	33.15	54.00	-20.85	2.08	3	Horizontal	121	1.91	-
PK	4.80164G	43.94	74.00	-30.06	2.07	3	Horizontal	121	1.91	-

BT-EDR(2Mbps)_1TX

18/09/2018

2441MHz_TX

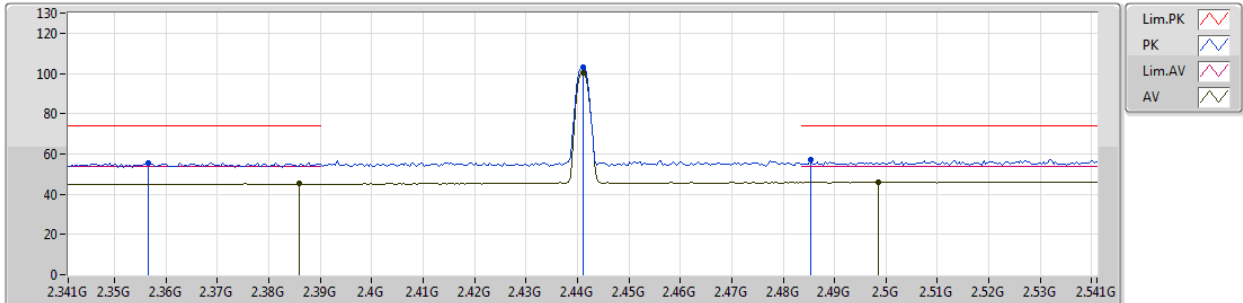


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3698G	45.11	54.00	-8.89	30.71	3	Vertical	186	1.01	-
AV	2.441G	96.85	Inf	-Inf	30.95	3	Vertical	186	1.01	-
AV	2.4994G	45.88	54.00	-8.12	31.17	3	Vertical	186	1.01	-
PK	2.3554G	55.54	74.00	-18.46	30.66	3	Vertical	186	1.01	-
PK	2.441G	99.74	Inf	-Inf	30.95	3	Vertical	186	1.01	-
PK	2.4835G	56.40	74.00	-17.60	31.11	3	Vertical	186	1.01	-

BT-EDR(2Mbps)_1TX

18/09/2018

2441MHz_TX

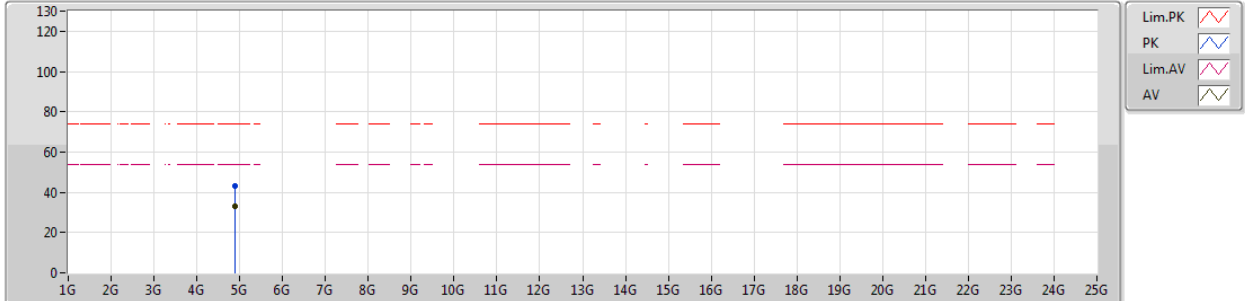


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3858G	45.13	54.00	-8.87	30.76	3	Horizontal	197	2.02	-
AV	2.441G	100.48	Inf	-Inf	30.95	3	Horizontal	197	2.02	-
AV	2.4986G	45.91	54.00	-8.09	31.17	3	Horizontal	197	2.02	-
PK	2.3566G	55.61	74.00	-18.39	30.66	3	Horizontal	197	2.02	-
PK	2.441G	103.32	Inf	-Inf	30.95	3	Horizontal	197	2.02	-
PK	2.4854G	56.94	74.00	-17.06	31.12	3	Horizontal	197	2.02	-

BT-EDR(2Mbps)_1TX

18/09/2018

2441MHz_TX

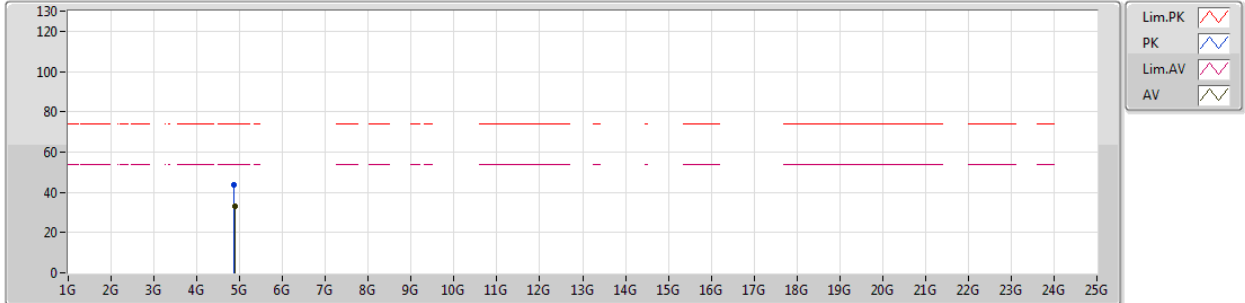


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.882G	32.96	54.00	-21.04	2.27	3	Vertical	293	1.09	-
PK	4.88668G	43.38	74.00	-30.62	2.29	3	Vertical	293	1.09	-

BT-EDR(2Mbps)_1TX

18/09/2018

2441MHz_TX

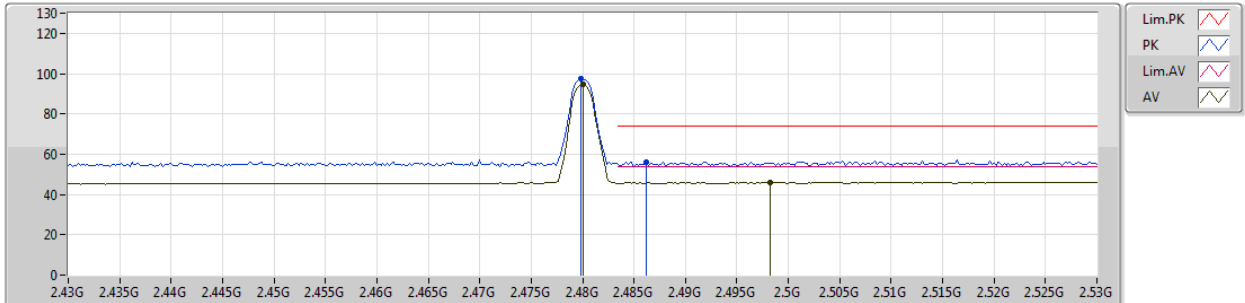


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments								
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)									
AV	4.88572G	32.84	54.00	-21.16	2.29	3	Horizontal	114	2.21	-								
PK	4.87728G	43.90	74.00	-30.10	2.26	3	Horizontal	114	2.21	-								

BT-EDR(2Mbps)_1TX

18/09/2018

2480MHz_TX

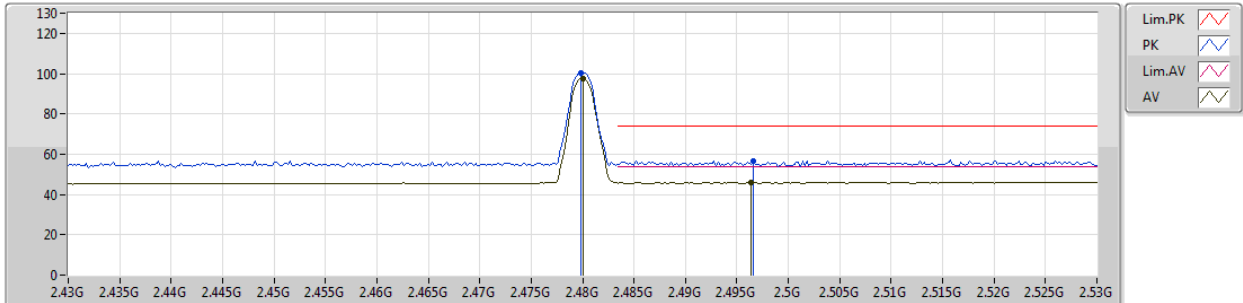


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.48G	94.52	Inf	-Inf	31.09	3	Vertical	184	1.00	-
AV	2.4982G	45.87	54.00	-8.13	31.16	3	Vertical	184	1.00	-
PK	2.4798G	97.28	Inf	-Inf	31.09	3	Vertical	184	1.00	-
PK	2.4862G	55.98	74.00	-18.02	31.12	3	Vertical	184	1.00	-

BT-EDR(2Mbps)_1TX

18/09/2018

2480MHz_TX

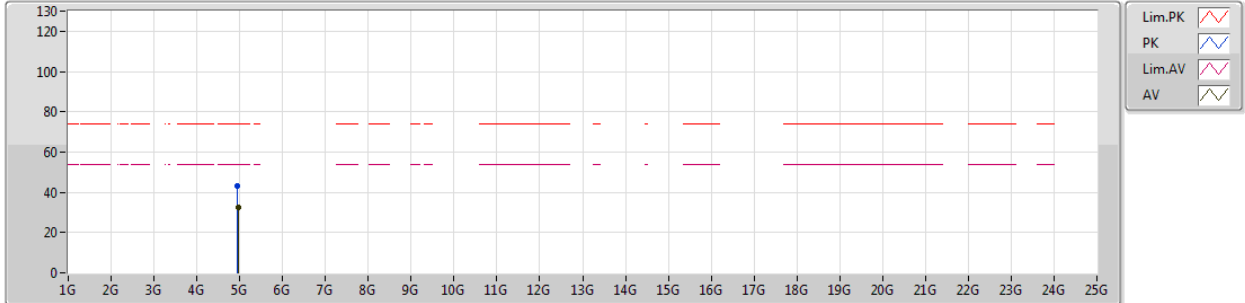


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.48G	97.55	Inf	-Inf	31.09	3	Horizontal	196	1.52	-
AV	2.4964G	45.87	54.00	-8.13	31.16	3	Horizontal	196	1.52	-
PK	2.4798G	100.37	Inf	-Inf	31.09	3	Horizontal	196	1.52	-
PK	2.4966G	56.60	74.00	-17.40	31.16	3	Horizontal	196	1.52	-

BT-EDR(2Mbps)_1TX

18/09/2018

2480MHz_TX

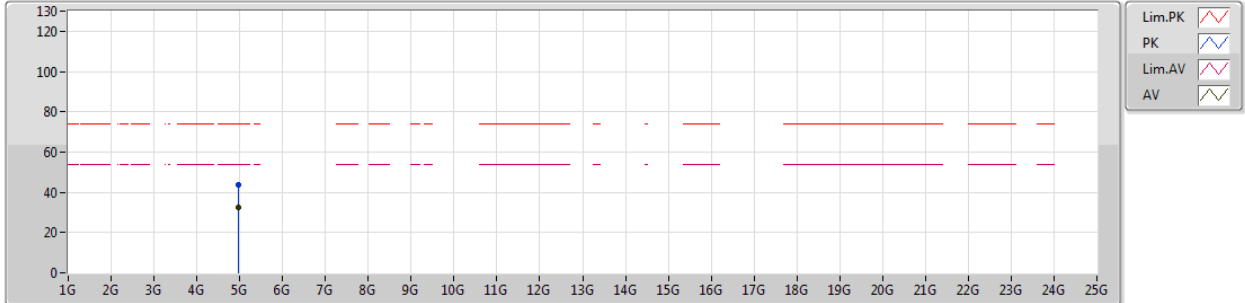


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments								
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)		(m)		(°)	(m)									
AV	4.9618G	32.69	54.00	-21.31	2.47	3	Vertical	258	1.32	-								
PK	4.95578G	43.26	74.00	-30.74	2.46	3	Vertical	258	1.32	-								

BT-EDR(2Mbps)_1TX

18/09/2018

2480MHz_TX

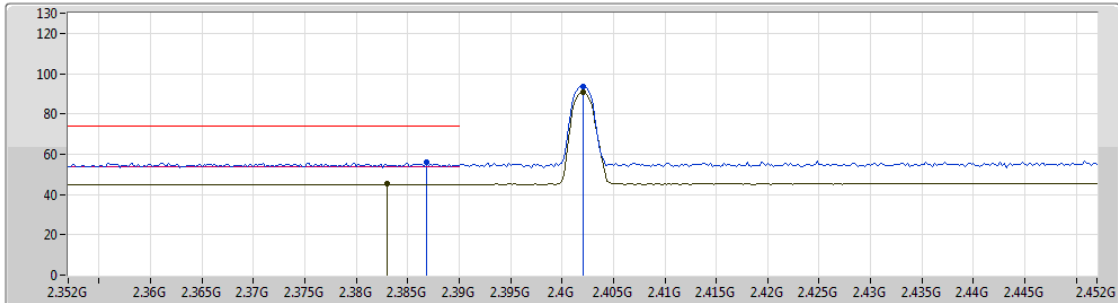


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.96312G	32.73	54.00	-21.27	2.47	3	Horizontal	143	1.65	-
PK	4.96204G	43.81	74.00	-30.19	2.47	3	Horizontal	143	1.65	-

BT-EDR(3Mbps)_1TX

18/09/2018

2402MHz_TX



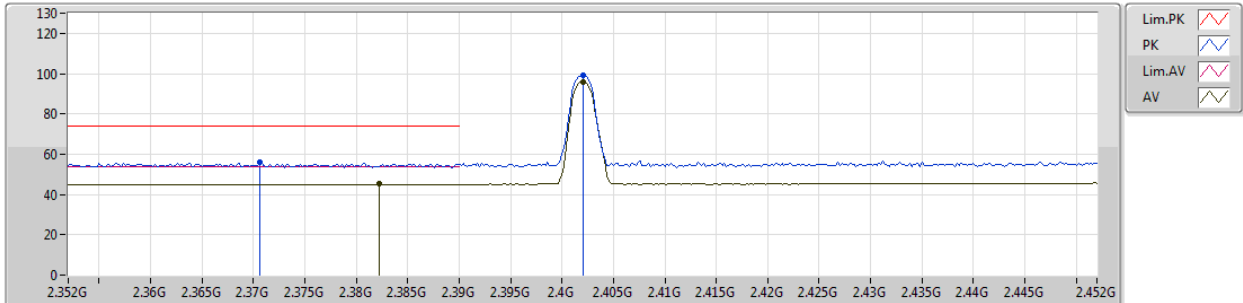
Lim.PK	
PK	
Lim.AV	
AV	

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	2.383G	45.16	54.00	-8.84	30.75	3	Vertical	192	1.01	-								
AV	2.402G	90.52	Inf	-Inf	30.82	3	Vertical	192	1.01	-								
PK	2.3868G	56.10	74.00	-17.90	30.76	3	Vertical	192	1.01	-								
PK	2.402G	93.61	Inf	-Inf	30.82	3	Vertical	192	1.01	-								

BT-EDR(3Mbps)_1TX

2402MHz_TX

18/09/2018

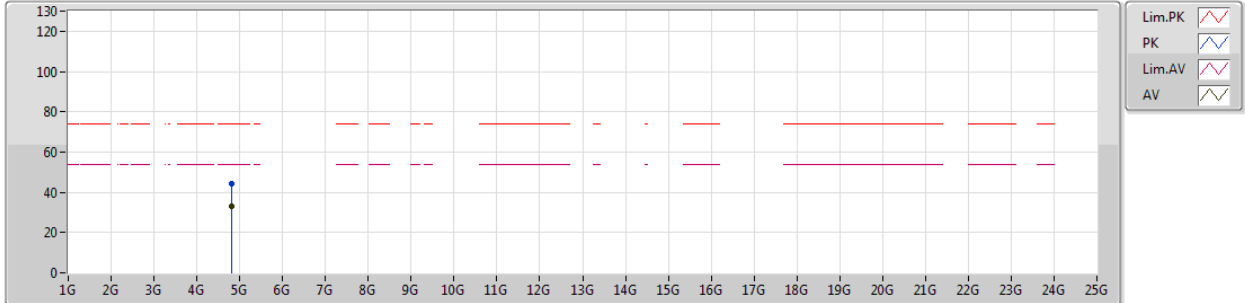


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3822G	45.11	54.00	-8.89	30.75	3	Horizontal	191	2.14	-
AV	2.402G	96.09	Inf	-Inf	30.82	3	Horizontal	191	2.14	-
PK	2.3706G	56.30	74.00	-17.70	30.71	3	Horizontal	191	2.14	-
PK	2.402G	99.16	Inf	-Inf	30.82	3	Horizontal	191	2.14	-

BT-EDR(3Mbps)_1TX

18/09/2018

2402MHz_TX

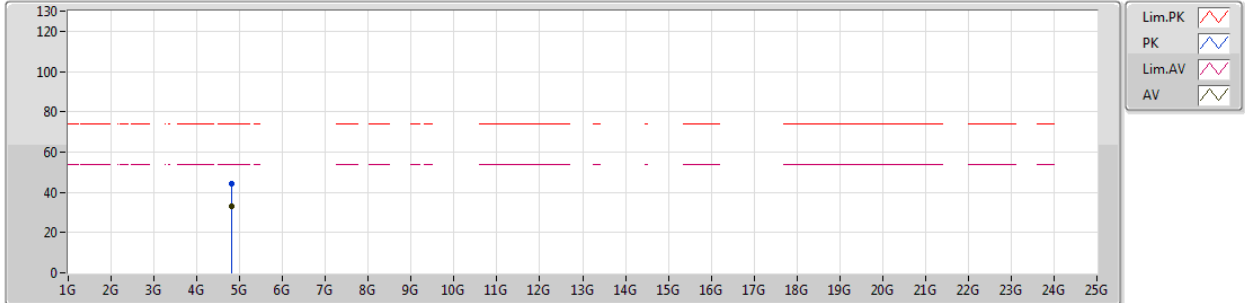


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.80882G	33.16	54.00	-20.84	2.09	3	Vertical	201	1.25	-
PK	4.80644G	44.08	74.00	-29.92	2.08	3	Vertical	201	1.25	-

BT-EDR(3Mbps)_1TX

18/09/2018

2402MHz_TX

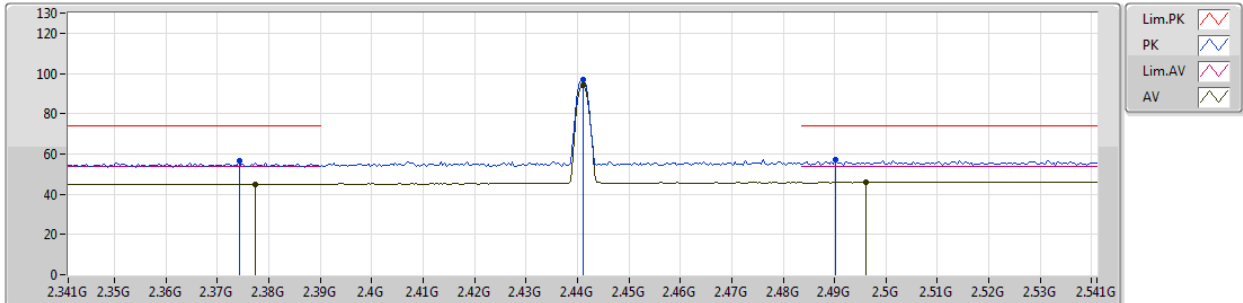


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.80684G	33.11	54.00	-20.89	2.08	3	Horizontal	139	1.33	-
PK	4.80268G	44.11	74.00	-29.89	2.07	3	Horizontal	139	1.33	-

BT-EDR(3Mbps)_1TX

18/09/2018

2441MHz_TX

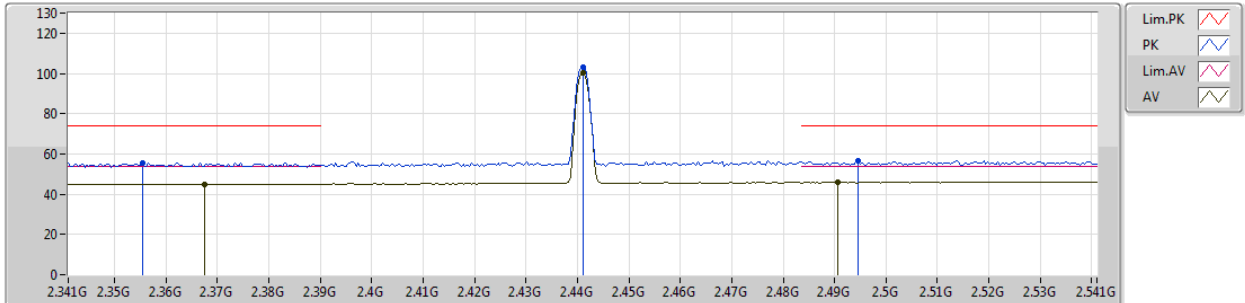


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments							
AV	2.3774G	45.09	54.00	-8.91	30.73	3	Vertical	190	1.57	-							
AV	2.441G	93.96	Inf	-Inf	30.95	3	Vertical	190	1.57	-							
AV	2.4962G	45.91	54.00	-8.09	31.16	3	Vertical	190	1.57	-							
PK	2.3742G	56.48	74.00	-17.52	30.72	3	Vertical	190	1.57	-							
PK	2.441G	96.90	Inf	-Inf	30.95	3	Vertical	190	1.57	-							
PK	2.4902G	56.95	74.00	-17.05	31.13	3	Vertical	190	1.57	-							

BT-EDR(3Mbps)_1TX

2441MHz_TX

18/09/2018

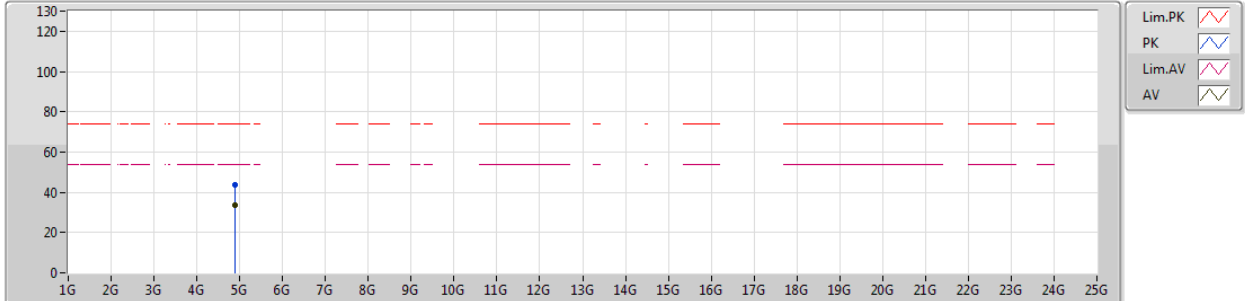


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments									
AV	2.3674G	45.09	54.00	-8.91	30.70	3	Horizontal	195	2.02	-									
AV	2.441G	100.38	Inf	-Inf	30.95	3	Horizontal	195	2.02	-									
AV	2.4906G	45.90	54.00	-8.10	31.13	3	Horizontal	195	2.02	-									
PK	2.3554G	55.43	74.00	-18.57	30.66	3	Horizontal	195	2.02	-									
PK	2.441G	103.31	Inf	-Inf	30.95	3	Horizontal	195	2.02	-									
PK	2.4946G	56.77	74.00	-17.23	31.15	3	Horizontal	195	2.02	-									

BT-EDR(3Mbps)_1TX

18/09/2018

2441MHz_TX

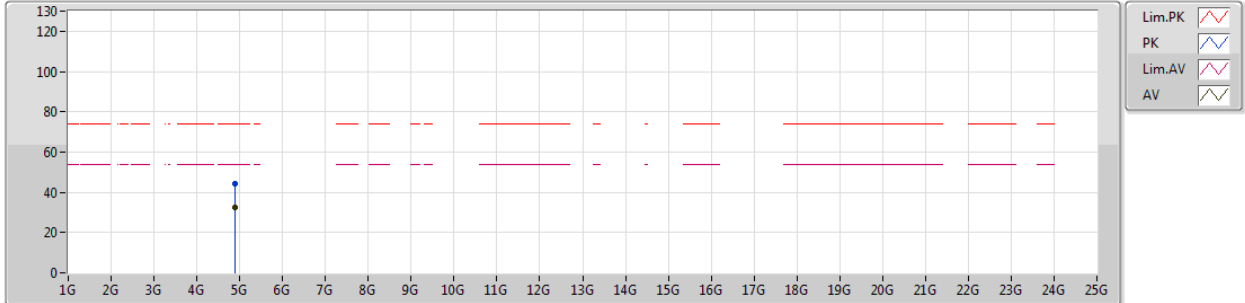


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments							
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)								
AV	4.88198G	33.53	54.00	-20.47	2.27	3	Vertical	323	1.51	-							
PK	4.88482G	43.54	74.00	-30.46	2.29	3	Vertical	323	1.51	-							

BT-EDR(3Mbps)_1TX

18/09/2018

2441MHz_TX

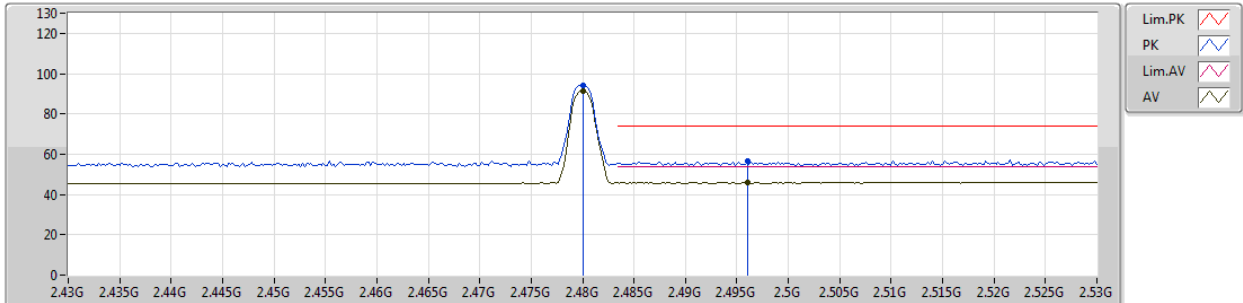


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.88556G	32.77	54.00	-21.23	2.29	3	Horizontal	304	1.94	-
PK	4.88106G	44.15	74.00	-29.85	2.27	3	Horizontal	304	1.94	-

BT-EDR(3Mbps)_1TX

18/09/2018

2480MHz_TX

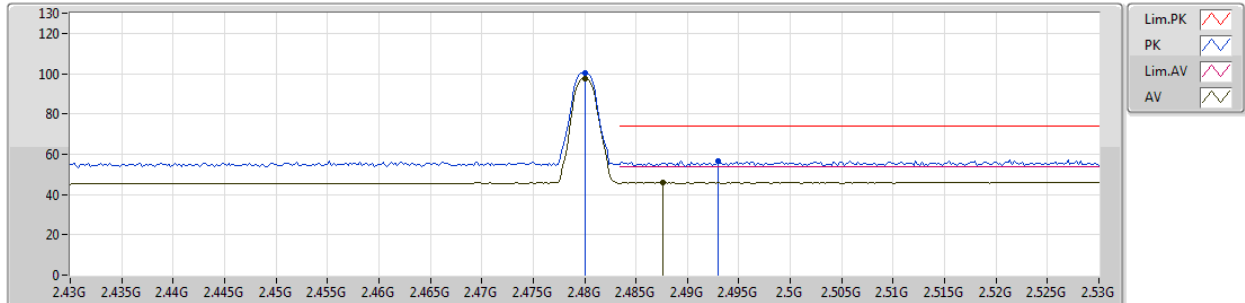


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.48G	91.59	Inf	-Inf	31.09	3	Vertical	196	1.42	-
AV	2.496G	45.86	54.00	-8.14	31.16	3	Vertical	196	1.42	-
PK	2.48G	94.41	Inf	-Inf	31.09	3	Vertical	196	1.42	-
PK	2.496G	56.83	74.00	-17.17	31.16	3	Vertical	196	1.42	-

BT-EDR(3Mbps)_1TX

18/09/2018

2480MHz_TX

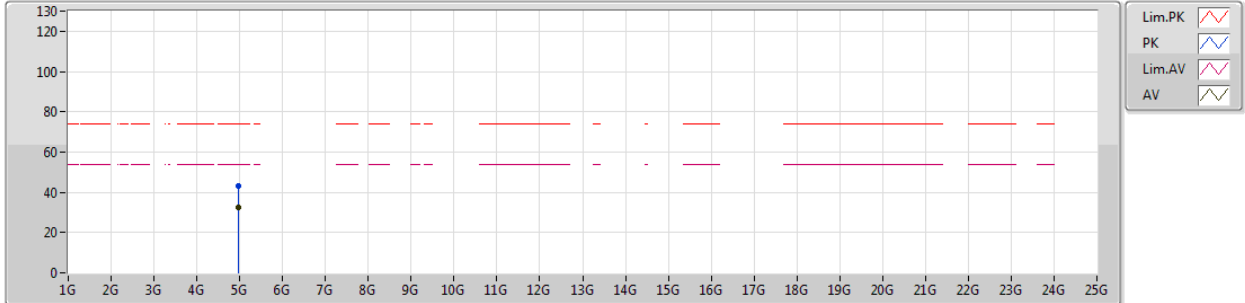


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.48G	97.70	Inf	-Inf	31.09	3	Horizontal	195	1.99	-
AV	2.4876G	45.87	54.00	-8.13	31.13	3	Horizontal	195	1.99	-
PK	2.48G	100.51	Inf	-Inf	31.09	3	Horizontal	195	1.99	-
PK	2.493G	56.55	74.00	-17.45	31.14	3	Horizontal	195	1.99	-

BT-EDR(3Mbps)_1TX

18/09/2018

2480MHz_TX

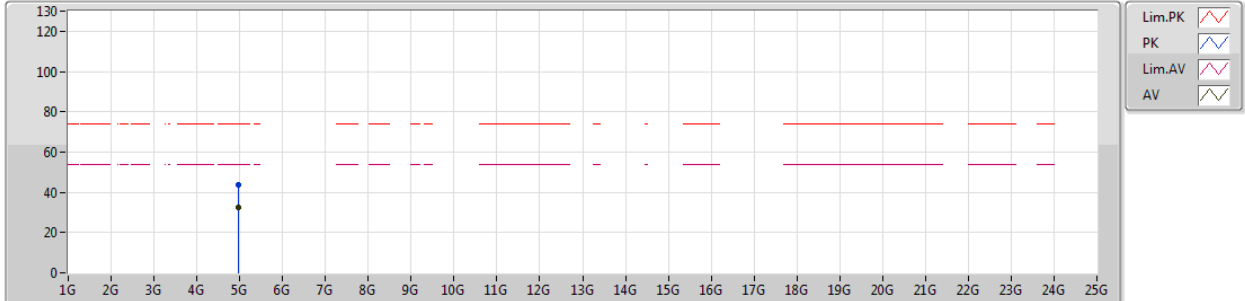


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.96426G	32.73	54.00	-21.27	2.47	3	Vertical	288	1.50	-
PK	4.96254G	42.91	74.00	-31.09	2.47	3	Vertical	288	1.50	-

BT-EDR(3Mbps)_1TX

18/09/2018

2480MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.96456G	32.72	54.00	-21.28	2.48	3	Horizontal	231	1.98	-
PK	4.95842G	43.67	74.00	-30.33	2.46	3	Horizontal	231	1.98	-

**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-BR(1Mbps)_1TX	Pass	PK	749.74M	41.17	46.00	-4.83	-8.38	3	Horizontal	0	1.00	-

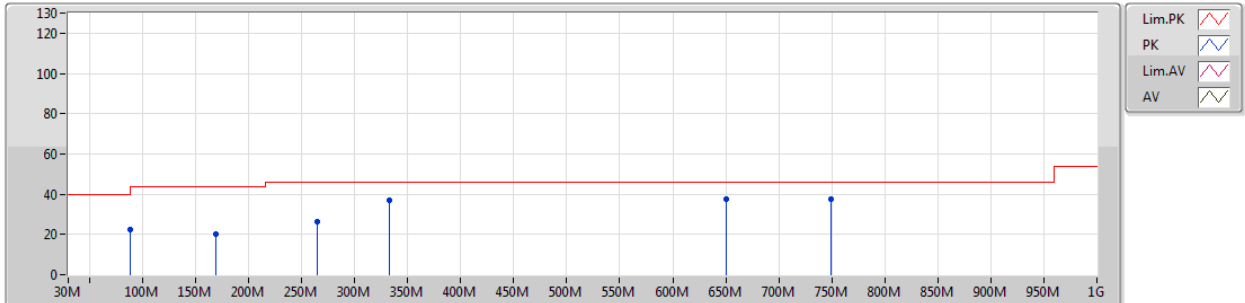
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
BT-BR(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2441MHz	Pass	PK	88.2M	22.65	43.50	-20.85	-22.76	3	Vertical	360	1.00	-
2441MHz	Pass	PK	169.68M	20.44	43.50	-23.06	-20.68	3	Vertical	360	1.00	-
2441MHz	Pass	PK	264.74M	26.26	46.00	-19.74	-15.98	3	Vertical	360	1.00	-
2441MHz	Pass	PK	332.64M	37.02	46.00	-8.98	-15.99	3	Vertical	360	1.00	-
2441MHz	Pass	PK	650.8M	37.28	46.00	-8.72	-9.96	3	Vertical	360	1.00	-
2441MHz	Pass	PK	749.74M	37.69	46.00	-8.31	-8.38	3	Vertical	360	1.00	-
2441MHz	Pass	PK	86.26M	19.25	40.00	-20.75	-23.13	3	Horizontal	0	1.00	-
2441MHz	Pass	PK	161.92M	19.90	43.50	-23.60	-20.11	3	Horizontal	0	1.00	-
2441MHz	Pass	PK	239.52M	29.27	46.00	-16.73	-18.69	3	Horizontal	0	1.00	-
2441MHz	Pass	PK	328.76M	40.63	46.00	-5.37	-16.12	3	Horizontal	0	1.00	-
2441MHz	Pass	PK	650.8M	39.97	46.00	-6.03	-9.96	3	Horizontal	0	1.00	-
2441MHz	Pass	PK	749.74M	41.17	46.00	-4.83	-8.38	3	Horizontal	0	1.00	-

BT-BR(1Mbps)_1TX

20/09/2018

2441MHz_Switching Power Supply

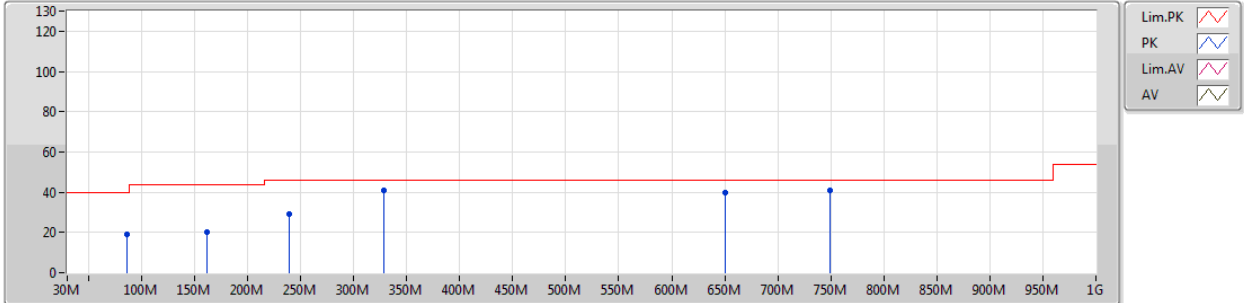


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	88.2M	22.65	43.50	-20.85	-22.76	3	Vertical	360	1.00	-
PK	169.68M	20.44	43.50	-23.06	-20.68	3	Vertical	360	1.00	-
PK	264.74M	26.26	46.00	-19.74	-15.98	3	Vertical	360	1.00	-
PK	332.64M	37.02	46.00	-8.98	-15.99	3	Vertical	360	1.00	-
PK	650.8M	37.28	46.00	-8.72	-9.96	3	Vertical	360	1.00	-
PK	749.74M	37.69	46.00	-8.31	-8.38	3	Vertical	360	1.00	-

BT-BR(1Mbps)_1TX

20/09/2018

2441MHz_Switching Power Supply



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	86.26M	19.25	40.00	-20.75	-23.13	3	Horizontal	0	1.00	-
PK	161.92M	19.90	43.50	-23.60	-20.11	3	Horizontal	0	1.00	-
PK	239.52M	29.27	46.00	-16.73	-18.69	3	Horizontal	0	1.00	-
PK	328.76M	40.63	46.00	-5.37	-16.12	3	Horizontal	0	1.00	-
PK	650.8M	39.97	46.00	-6.03	-9.96	3	Horizontal	0	1.00	-
PK	749.74M	41.17	46.00	-4.83	-8.38	3	Horizontal	0	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-BR(1Mbps)_1TX	Pass	AV	2.4982G	48.04	54.00	-5.96	32.34	3	Vertical	215	1.50	-
BT-EDR(2Mbps)_1TX	Pass	AV	2.4982G	48.04	54.00	-5.96	32.34	3	Vertical	214	1.50	-
BT-EDR(3Mbps)_1TX	Pass	AV	2.4982G	48.04	54.00	-5.96	32.34	3	Vertical	213	1.50	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
BT-BR(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.39G	46.97	54.00	-7.03	32.01	3	Vertical	25	1.50	-
2402MHz	Pass	AV	2.402G	98.26	Inf	-Inf	32.04	3	Vertical	25	1.50	-
2402MHz	Pass	PK	2.3878G	58.91	74.00	-15.09	32.00	3	Vertical	25	1.50	-
2402MHz	Pass	PK	2.4022G	100.51	Inf	-Inf	32.05	3	Vertical	25	1.50	-
2402MHz	Pass	AV	4.80382G	34.65	54.00	-19.35	3.34	3	Vertical	358	2.24	-
2402MHz	Pass	PK	4.81198G	46.06	74.00	-27.94	3.35	3	Vertical	358	2.24	-
2402MHz	Pass	AV	4.81462G	33.21	54.00	-20.79	3.37	3	Horizontal	264	1.50	-
2402MHz	Pass	PK	4.81588G	45.97	74.00	-28.03	3.37	3	Horizontal	264	1.50	-
2441MHz	Pass	AV	2.3898G	46.97	54.00	-7.03	32.01	3	Vertical	215	1.50	-
2441MHz	Pass	AV	2.441G	104.70	Inf	-Inf	32.16	3	Vertical	215	1.50	-
2441MHz	Pass	AV	2.4982G	48.04	54.00	-5.96	32.34	3	Vertical	215	1.50	-
2441MHz	Pass	PK	2.3422G	58.86	74.00	-15.14	31.84	3	Vertical	215	1.50	-
2441MHz	Pass	PK	2.441G	106.91	Inf	-Inf	32.16	3	Vertical	215	1.50	-
2441MHz	Pass	PK	2.493G	59.40	74.00	-14.60	32.32	3	Vertical	215	1.50	-
2441MHz	Pass	AV	4.88188G	34.39	54.00	-19.61	3.53	3	Vertical	351	1.89	-
2441MHz	Pass	AV	7.33248G	38.99	54.00	-15.01	8.99	3	Vertical	115	2.10	-
2441MHz	Pass	PK	4.88374G	45.94	74.00	-28.06	3.53	3	Vertical	351	1.89	-
2441MHz	Pass	PK	7.31808G	51.67	74.00	-22.33	8.96	3	Vertical	115	2.10	-
2441MHz	Pass	AV	4.89358G	33.29	54.00	-20.71	3.56	3	Horizontal	158	1.50	-
2441MHz	Pass	AV	7.3377G	39.00	54.00	-15.00	8.99	3	Horizontal	92	1.50	-
2441MHz	Pass	PK	4.86874G	45.83	74.00	-28.17	3.49	3	Horizontal	158	1.50	-
2441MHz	Pass	PK	7.30992G	51.02	74.00	-22.98	8.95	3	Horizontal	92	1.50	-
2480MHz	Pass	AV	2.48G	101.25	Inf	-Inf	32.28	3	Vertical	209	1.50	-
2480MHz	Pass	AV	2.498G	48.04	54.00	-5.96	32.34	3	Vertical	209	1.50	-
2480MHz	Pass	PK	2.4798G	103.25	Inf	-Inf	32.28	3	Vertical	209	1.50	-
2480MHz	Pass	PK	2.4848G	59.89	74.00	-14.11	32.29	3	Vertical	209	1.50	-
2480MHz	Pass	AV	4.94632G	33.26	54.00	-20.74	3.68	3	Vertical	236	1.50	-
2480MHz	Pass	AV	7.44642G	38.69	54.00	-15.31	9.29	3	Vertical	12	1.50	-
2480MHz	Pass	PK	4.95202G	45.41	74.00	-28.59	3.69	3	Vertical	236	1.50	-
2480MHz	Pass	PK	7.4256G	50.87	74.00	-23.13	9.19	3	Vertical	12	1.50	-
2480MHz	Pass	AV	4.9489G	33.38	54.00	-20.62	3.69	3	Horizontal	328	1.50	-
2480MHz	Pass	AV	7.45332G	38.68	54.00	-15.32	9.33	3	Horizontal	255	1.50	-
2480MHz	Pass	PK	4.9624G	46.06	74.00	-27.94	3.71	3	Horizontal	328	1.50	-
2480MHz	Pass	PK	7.43514G	51.11	74.00	-22.89	9.23	3	Horizontal	255	1.50	-
BT-EDR(2Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.39G	46.97	54.00	-7.03	32.01	3	Vertical	215	1.50	-
2402MHz	Pass	AV	2.402G	96.30	Inf	-Inf	32.04	3	Vertical	215	1.50	-
2402MHz	Pass	PK	2.3524G	58.82	74.00	-15.18	31.88	3	Vertical	215	1.50	-
2402MHz	Pass	PK	2.4022G	101.52	Inf	-Inf	32.05	3	Vertical	215	1.50	-
2402MHz	Pass	AV	4.81486G	32.87	54.00	-21.13	3.37	3	Vertical	95	1.65	-
2402MHz	Pass	PK	4.79776G	45.78	74.00	-28.22	3.33	3	Vertical	95	1.65	-
2402MHz	Pass	AV	4.81546G	33.03	54.00	-20.97	3.37	3	Horizontal	86	1.50	-
2402MHz	Pass	PK	4.80718G	45.79	74.00	-28.21	3.34	3	Horizontal	86	1.50	-
2441MHz	Pass	AV	2.3898G	46.97	54.00	-7.03	32.01	3	Vertical	214	1.50	-
2441MHz	Pass	AV	2.441G	99.11	Inf	-Inf	32.16	3	Vertical	214	1.50	-
2441MHz	Pass	AV	2.4982G	48.04	54.00	-5.96	32.34	3	Vertical	214	1.50	-
2441MHz	Pass	PK	2.3826G	59.48	74.00	-14.52	31.98	3	Vertical	214	1.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2441MHz	Pass	PK	2.441G	104.11	Inf	-Inf	32.16	3	Vertical	214	1.50	-
2441MHz	Pass	PK	2.4942G	59.48	74.00	-14.52	32.33	3	Vertical	214	1.50	-
2441MHz	Pass	AV	4.88218G	33.19	54.00	-20.81	3.53	3	Vertical	51	1.50	-
2441MHz	Pass	AV	7.33416G	39.06	54.00	-14.94	8.99	3	Vertical	96	2.58	-
2441MHz	Pass	PK	4.89574G	46.15	74.00	-27.85	3.56	3	Vertical	51	1.50	-
2441MHz	Pass	PK	7.32942G	51.56	74.00	-22.44	8.98	3	Vertical	96	2.58	-
2441MHz	Pass	AV	4.8823G	33.20	54.00	-20.80	3.53	3	Horizontal	166	1.50	-
2441MHz	Pass	AV	7.33218G	39.06	54.00	-14.94	8.99	3	Horizontal	18	1.50	-
2441MHz	Pass	PK	4.89382G	45.95	74.00	-28.05	3.56	3	Horizontal	166	1.50	-
2441MHz	Pass	PK	7.31508G	51.84	74.00	-22.16	8.97	3	Horizontal	18	1.50	-
2480MHz	Pass	AV	2.48G	97.67	Inf	-Inf	32.28	3	Vertical	213	1.50	-
2480MHz	Pass	AV	2.498G	48.04	54.00	-5.96	32.34	3	Vertical	213	1.50	-
2480MHz	Pass	PK	2.4798G	102.53	Inf	-Inf	32.28	3	Vertical	213	1.50	-
2480MHz	Pass	PK	2.4892G	60.11	74.00	-13.89	32.30	3	Vertical	213	1.50	-
2480MHz	Pass	AV	4.94758G	33.37	54.00	-20.63	3.69	3	Vertical	285	2.20	-
2480MHz	Pass	AV	7.4466G	38.69	54.00	-15.31	9.29	3	Vertical	200	1.50	-
2480MHz	Pass	PK	4.9531G	45.90	74.00	-28.10	3.70	3	Vertical	285	2.20	-
2480MHz	Pass	PK	7.45422G	52.16	74.00	-21.84	9.33	3	Vertical	200	1.50	-
2480MHz	Pass	AV	4.9492G	33.38	54.00	-20.62	3.69	3	Horizontal	150	3.00	-
2480MHz	Pass	AV	7.45272G	38.75	54.00	-15.25	9.33	3	Horizontal	209	1.50	-
2480MHz	Pass	PK	4.95466G	45.80	74.00	-28.20	3.70	3	Horizontal	150	3.00	-
2480MHz	Pass	PK	7.42584G	51.49	74.00	-22.51	9.19	3	Horizontal	209	1.50	-
BT-EDR(3Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.39G	46.97	54.00	-7.03	32.01	3	Vertical	216	1.50	-
2402MHz	Pass	AV	2.402G	96.44	Inf	-Inf	32.04	3	Vertical	216	1.50	-
2402MHz	Pass	PK	2.366G	58.80	74.00	-15.20	31.93	3	Vertical	216	1.50	-
2402MHz	Pass	PK	2.402G	101.75	Inf	-Inf	32.04	3	Vertical	216	1.50	-
2402MHz	Pass	AV	4.81882G	33.06	54.00	-20.94	3.37	3	Vertical	271	2.33	-
2402MHz	Pass	PK	4.81672G	45.76	74.00	-28.24	3.37	3	Vertical	271	2.33	-
2402MHz	Pass	AV	4.81696G	33.09	54.00	-20.91	3.37	3	Horizontal	360	1.75	-
2402MHz	Pass	PK	4.79638G	45.63	74.00	-28.37	3.32	3	Horizontal	360	1.75	-
2441MHz	Pass	AV	2.3898G	46.97	54.00	-7.03	32.01	3	Vertical	213	1.50	-
2441MHz	Pass	AV	2.441G	99.35	Inf	-Inf	32.16	3	Vertical	213	1.50	-
2441MHz	Pass	AV	2.4982G	48.04	54.00	-5.96	32.34	3	Vertical	213	1.50	-
2441MHz	Pass	PK	2.3862G	59.18	74.00	-14.82	32.00	3	Vertical	213	1.50	-
2441MHz	Pass	PK	2.441G	104.56	Inf	-Inf	32.16	3	Vertical	213	1.50	-
2441MHz	Pass	PK	2.4938G	59.78	74.00	-14.22	32.33	3	Vertical	213	1.50	-
2441MHz	Pass	AV	4.87114G	32.96	54.00	-21.04	3.50	3	Vertical	226	1.50	-
2441MHz	Pass	AV	7.3365G	38.99	54.00	-15.01	8.99	3	Vertical	201	1.50	-
2441MHz	Pass	PK	4.86922G	45.97	74.00	-28.03	3.49	3	Vertical	226	1.50	-
2441MHz	Pass	PK	7.33224G	51.43	74.00	-22.57	8.99	3	Vertical	201	1.50	-
2441MHz	Pass	AV	4.87192G	33.20	54.00	-20.80	3.50	3	Horizontal	289	2.61	-
2441MHz	Pass	AV	7.33698G	39.00	54.00	-15.00	8.99	3	Horizontal	72	1.50	-
2441MHz	Pass	PK	4.87678G	45.82	74.00	-28.18	3.52	3	Horizontal	289	2.61	-
2441MHz	Pass	PK	7.32168G	51.55	74.00	-22.45	8.96	3	Horizontal	72	1.50	-
2480MHz	Pass	AV	2.48G	97.27	Inf	-Inf	32.28	3	Vertical	209	1.50	-
2480MHz	Pass	AV	2.498G	48.04	54.00	-5.96	32.34	3	Vertical	209	1.50	-
2480MHz	Pass	PK	2.48G	102.18	Inf	-Inf	32.28	3	Vertical	209	1.50	-
2480MHz	Pass	PK	2.4962G	60.00	74.00	-14.00	32.33	3	Vertical	209	1.50	-

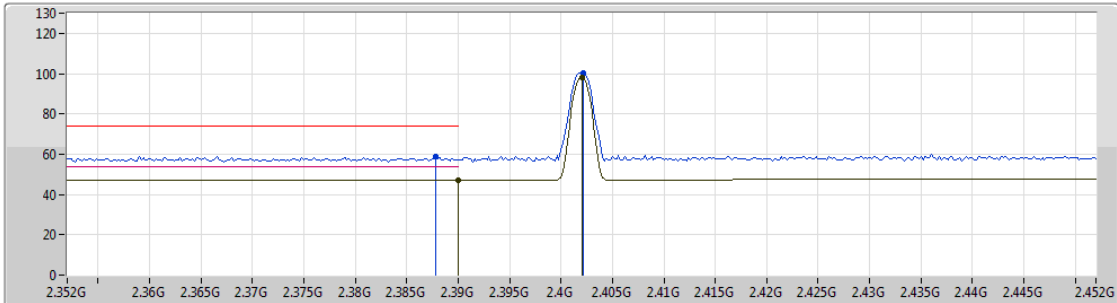


Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2480MHz	Pass	AV	4.94656G	33.18	54.00	-20.82	3.68	3	Vertical	181	1.37	-
2480MHz	Pass	AV	7.45278G	38.68	54.00	-15.32	9.33	3	Vertical	13	1.50	-
2480MHz	Pass	PK	4.95598G	45.95	74.00	-28.05	3.70	3	Vertical	181	1.37	-
2480MHz	Pass	PK	7.4538G	51.26	74.00	-22.74	9.33	3	Vertical	13	1.50	-
2480MHz	Pass	AV	4.94524G	33.34	54.00	-20.66	3.68	3	Horizontal	31	1.50	-
2480MHz	Pass	AV	7.45278G	38.68	54.00	-15.32	9.33	3	Horizontal	165	1.50	-
2480MHz	Pass	PK	4.95658G	45.45	74.00	-28.55	3.70	3	Horizontal	31	1.50	-
2480MHz	Pass	PK	7.42524G	51.14	74.00	-22.86	9.19	3	Horizontal	165	1.50	-

BT-BR(1Mbps)_1TX

15/09/2018

2402MHz_TX

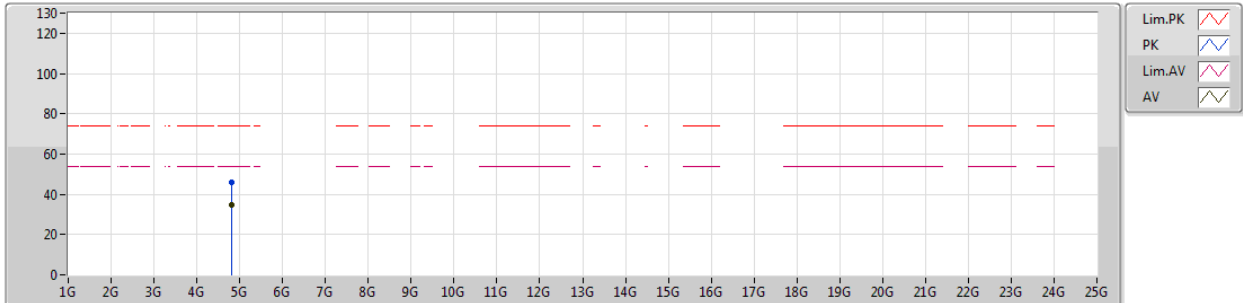


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	46.97	54.00	-7.03	32.01	3	Vertical	25	1.50	-
AV	2.402G	98.26	Inf	-Inf	32.04	3	Vertical	25	1.50	-
PK	2.3878G	58.91	74.00	-15.09	32.00	3	Vertical	25	1.50	-
PK	2.4022G	100.51	Inf	-Inf	32.05	3	Vertical	25	1.50	-

BT-BR(1Mbps)_1TX

15/09/2018

2402MHz_TX

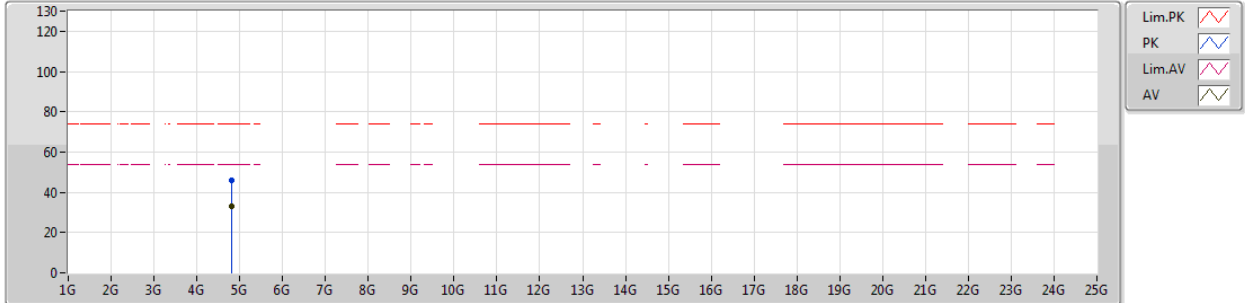


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.80382G	34.65	54.00	-19.35	3.34	3	Vertical	358	2.24	-
PK	4.81198G	46.06	74.00	-27.94	3.35	3	Vertical	358	2.24	-

BT-BR(1Mbps)_1TX

15/09/2018

2402MHz_TX

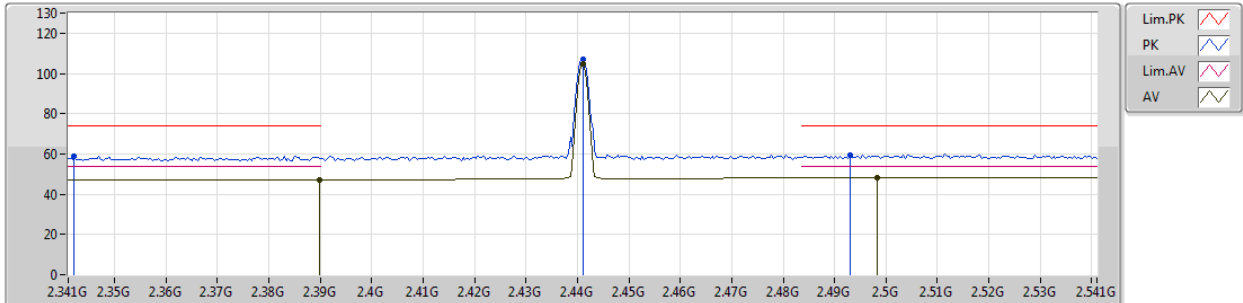


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.81462G	33.21	54.00	-20.79	3.37	3	Horizontal	264	1.50	-
PK	4.81588G	45.97	74.00	-28.03	3.37	3	Horizontal	264	1.50	-

BT-BR(1Mbps)_1TX

15/09/2018

2441MHz_TX

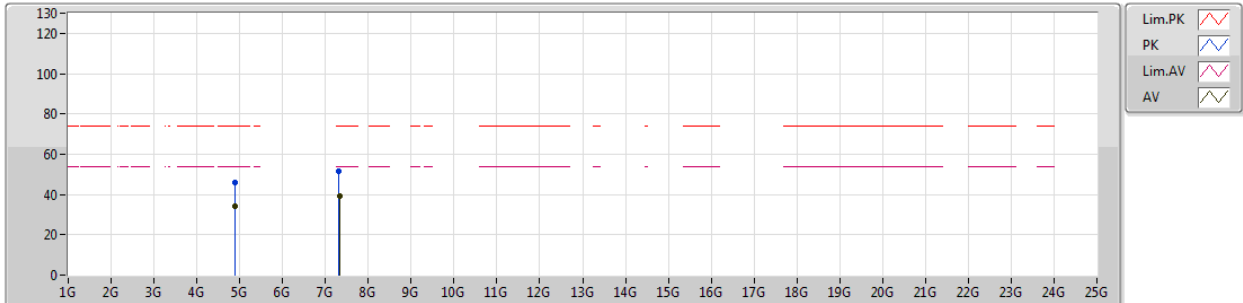


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	46.97	54.00	-7.03	32.01	3	Vertical	215	1.50	-
AV	2.441G	104.70	Inf	-Inf	32.16	3	Vertical	215	1.50	-
AV	2.4982G	48.04	54.00	-5.96	32.34	3	Vertical	215	1.50	-
PK	2.3422G	58.86	74.00	-15.14	31.84	3	Vertical	215	1.50	-
PK	2.441G	106.91	Inf	-Inf	32.16	3	Vertical	215	1.50	-
PK	2.493G	59.40	74.00	-14.60	32.32	3	Vertical	215	1.50	-

BT-BR(1Mbps)_1TX

15/09/2018

2441MHz_TX

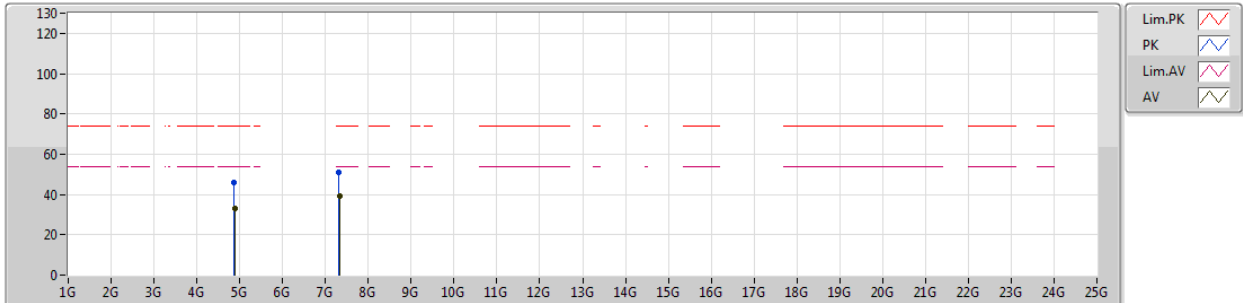


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.88188G	34.39	54.00	-19.61	3.53	3	Vertical	351	1.89	-
AV	7.33248G	38.99	54.00	-15.01	8.99	3	Vertical	115	2.10	-
PK	4.88374G	45.94	74.00	-28.06	3.53	3	Vertical	351	1.89	-
PK	7.31808G	51.67	74.00	-22.33	8.96	3	Vertical	115	2.10	-

BT-BR(1Mbps)_1TX

15/09/2018

2441MHz_TX

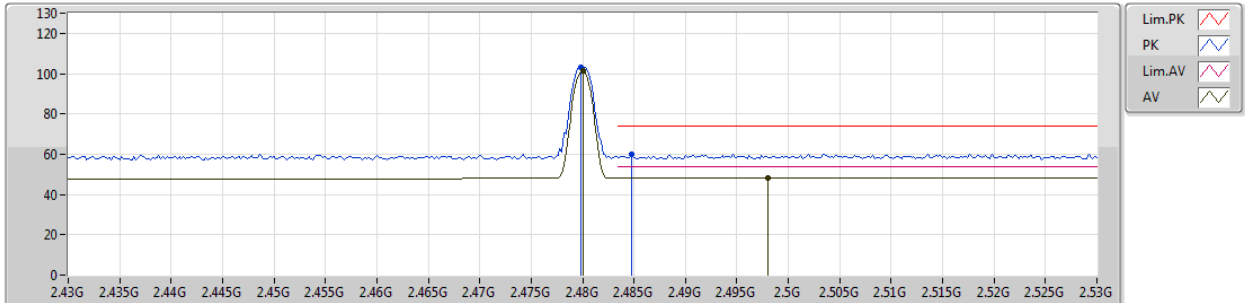


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.89358G	33.29	54.00	-20.71	3.56	3	Horizontal	158	1.50	-
AV	7.3377G	39.00	54.00	-15.00	8.99	3	Horizontal	92	1.50	-
PK	4.86874G	45.83	74.00	-28.17	3.49	3	Horizontal	158	1.50	-
PK	7.30992G	51.02	74.00	-22.98	8.95	3	Horizontal	92	1.50	-

BT-BR(1Mbps)_1TX

15/09/2018

2480MHz_TX

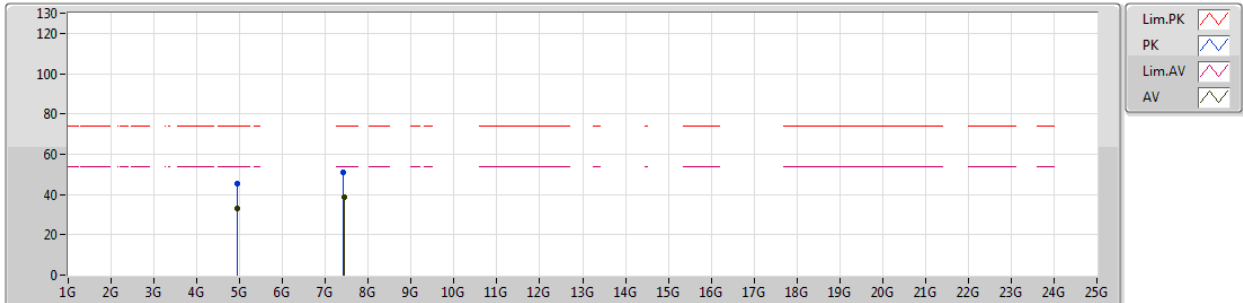


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.48G	101.25	Inf	-Inf	32.28	3	Vertical	209	1.50	-
AV	2.498G	48.04	54.00	-5.96	32.34	3	Vertical	209	1.50	-
PK	2.4798G	103.25	Inf	-Inf	32.28	3	Vertical	209	1.50	-
PK	2.4848G	59.89	74.00	-14.11	32.29	3	Vertical	209	1.50	-

BT-BR(1Mbps)_1TX

15/09/2018

2480MHz_TX

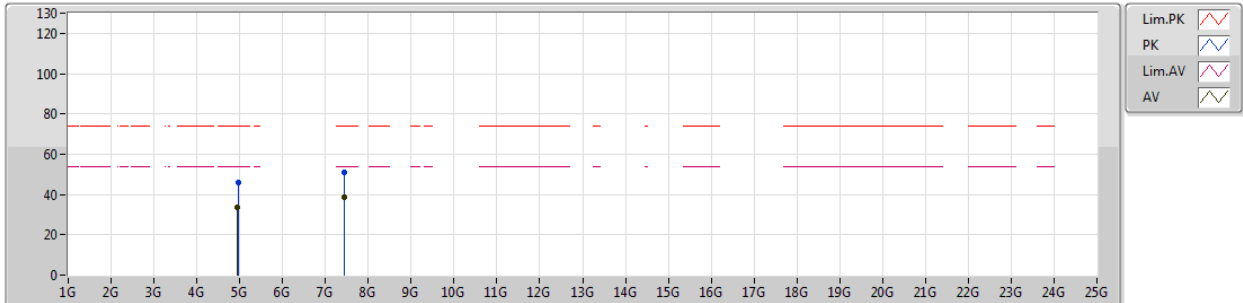


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.94632G	33.26	54.00	-20.74	3.68	3	Vertical	236	1.50	-
AV	7.44642G	38.69	54.00	-15.31	9.29	3	Vertical	12	1.50	-
PK	4.95202G	45.41	74.00	-28.59	3.69	3	Vertical	236	1.50	-
PK	7.4256G	50.87	74.00	-23.13	9.19	3	Vertical	12	1.50	-

BT-BR(1Mbps)_1TX

2480MHz_TX

15/09/2018

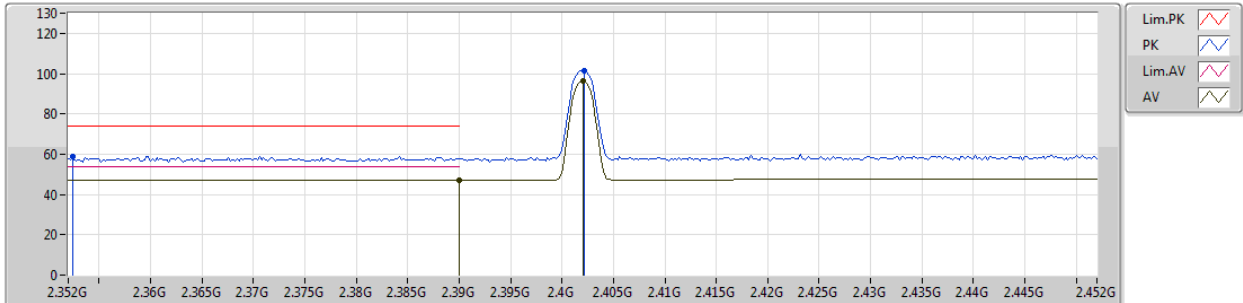


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.9489G	33.38	54.00	-20.62	3.69	3	Horizontal	328	1.50	-
AV	7.45332G	38.68	54.00	-15.32	9.33	3	Horizontal	255	1.50	-
PK	4.9624G	46.06	74.00	-27.94	3.71	3	Horizontal	328	1.50	-
PK	7.43514G	51.11	74.00	-22.89	9.23	3	Horizontal	255	1.50	-

BT-EDR(2Mbps)_1TX

2402MHz_TX

15/09/2018

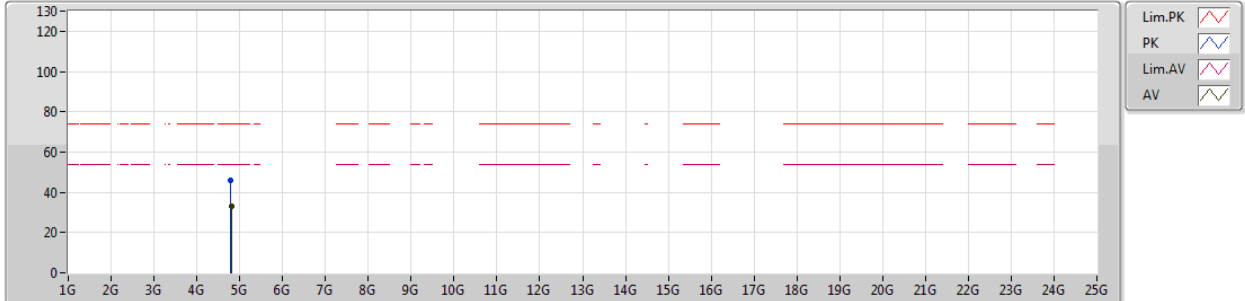


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	46.97	54.00	-7.03	32.01	3	Vertical	215	1.50	-
AV	2.402G	96.30	Inf	-Inf	32.04	3	Vertical	215	1.50	-
PK	2.3524G	58.82	74.00	-15.18	31.88	3	Vertical	215	1.50	-
PK	2.4022G	101.52	Inf	-Inf	32.05	3	Vertical	215	1.50	-

BT-EDR(2Mbps)_1TX

15/09/2018

2402MHz_TX

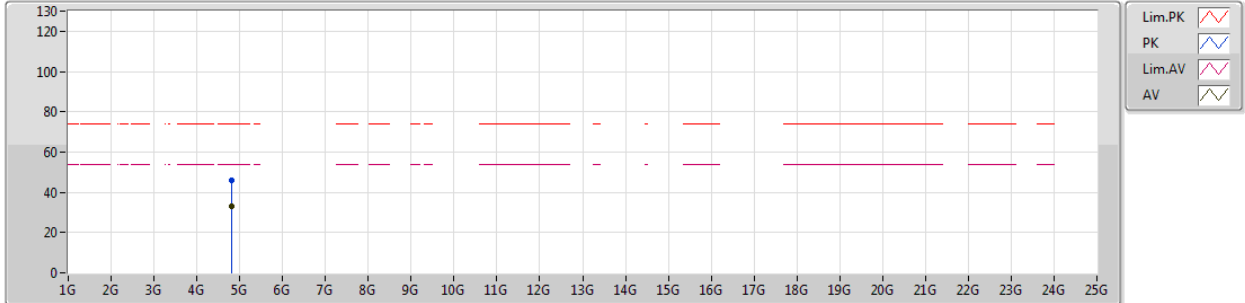


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.81486G	32.87	54.00	-21.13	3.37	3	Vertical	95	1.65	-
PK	4.79776G	45.78	74.00	-28.22	3.33	3	Vertical	95	1.65	-

BT-EDR(2Mbps)_1TX

15/09/2018

2402MHz_TX

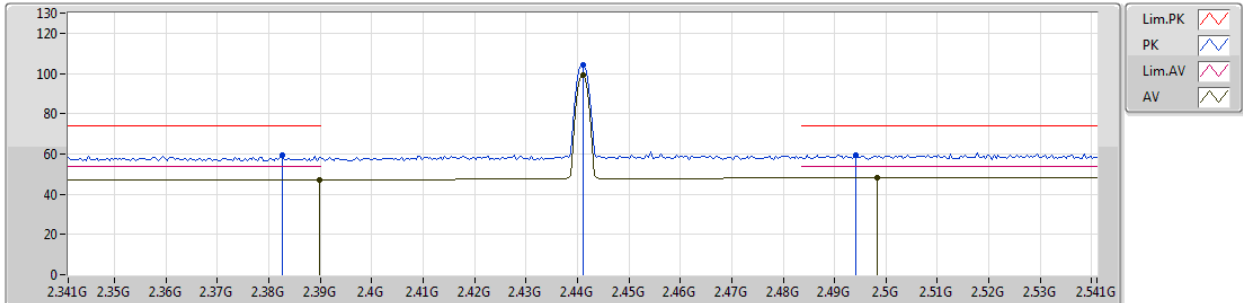


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.81546G	33.03	54.00	-20.97	3.37	3	Horizontal	86	1.50	-
PK	4.80718G	45.79	74.00	-28.21	3.34	3	Horizontal	86	1.50	-

BT-EDR(2Mbps)_1TX

15/09/2018

2441MHz_TX

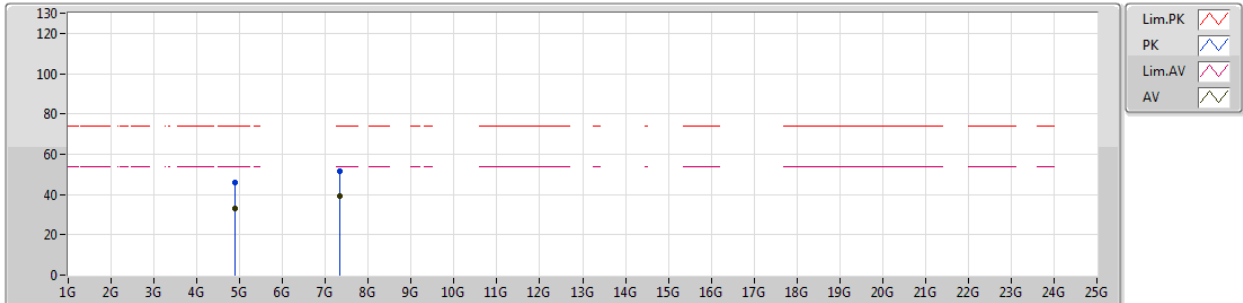


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	46.97	54.00	-7.03	32.01	3	Vertical	214	1.50	-
AV	2.441G	99.11	Inf	-Inf	32.16	3	Vertical	214	1.50	-
AV	2.4982G	48.04	54.00	-5.96	32.34	3	Vertical	214	1.50	-
PK	2.3826G	59.48	74.00	-14.52	31.98	3	Vertical	214	1.50	-
PK	2.441G	104.11	Inf	-Inf	32.16	3	Vertical	214	1.50	-
PK	2.4942G	59.48	74.00	-14.52	32.33	3	Vertical	214	1.50	-

BT-EDR(2Mbps)_1TX

15/09/2018

2441MHz_TX

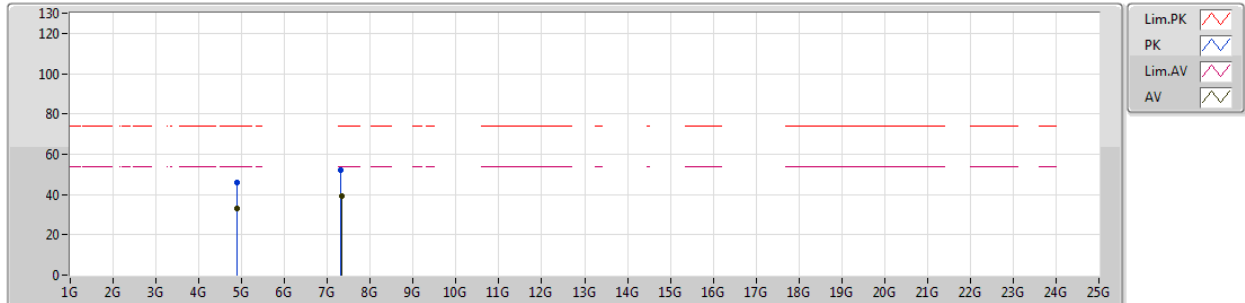


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.88218G	33.19	54.00	-20.81	3.53	3	Vertical	51	1.50	-
AV	7.33416G	39.06	54.00	-14.94	8.99	3	Vertical	96	2.58	-
PK	4.89574G	46.15	74.00	-27.85	3.56	3	Vertical	51	1.50	-
PK	7.32942G	51.56	74.00	-22.44	8.98	3	Vertical	96	2.58	-

BT-EDR(2Mbps)_1TX

15/09/2018

2441MHz_TX

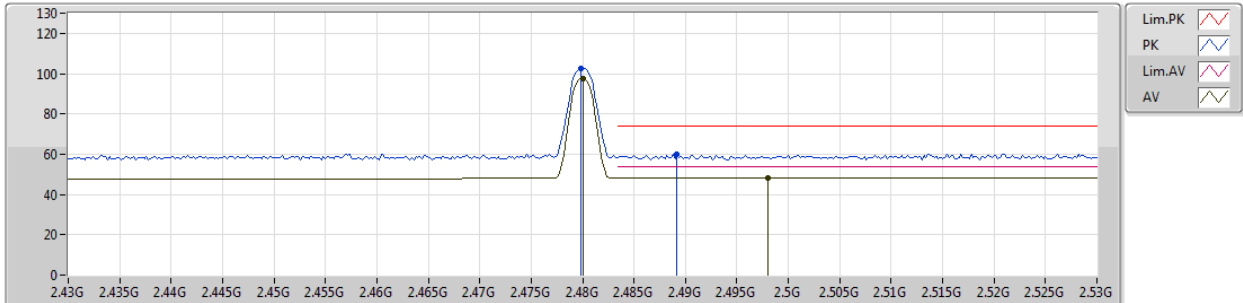


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.8823G	33.20	54.00	-20.80	3.53	3	Horizontal	166	1.50	-
AV	7.33218G	39.06	54.00	-14.94	8.99	3	Horizontal	18	1.50	-
PK	4.89382G	45.95	74.00	-28.05	3.56	3	Horizontal	166	1.50	-
PK	7.31508G	51.84	74.00	-22.16	8.97	3	Horizontal	18	1.50	-

BT-EDR(2Mbps)_1TX

15/09/2018

2480MHz_TX

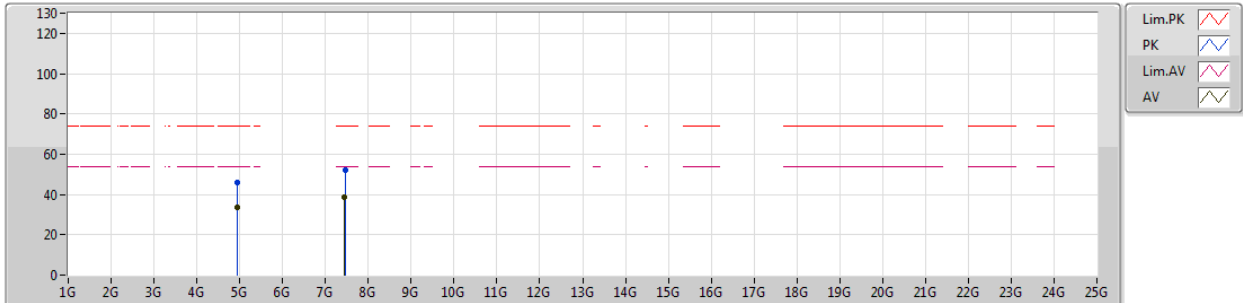


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.48G	97.67	Inf	-Inf	32.28	3	Vertical	213	1.50	-
AV	2.498G	48.04	54.00	-5.96	32.34	3	Vertical	213	1.50	-
PK	2.4798G	102.53	Inf	-Inf	32.28	3	Vertical	213	1.50	-
PK	2.4892G	60.11	74.00	-13.89	32.30	3	Vertical	213	1.50	-

BT-EDR(2Mbps)_1TX

15/09/2018

2480MHz_TX

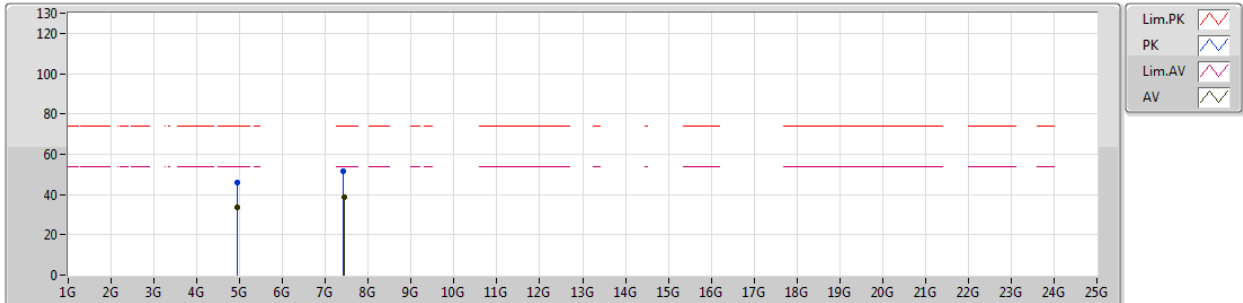


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.94758G	33.37	54.00	-20.63	3.69	3	Vertical	285	2.20	-
AV	7.4466G	38.69	54.00	-15.31	9.29	3	Vertical	200	1.50	-
PK	4.9531G	45.90	74.00	-28.10	3.70	3	Vertical	285	2.20	-
PK	7.45422G	52.16	74.00	-21.84	9.33	3	Vertical	200	1.50	-

BT-EDR(2Mbps)_1TX

15/09/2018

2480MHz_TX

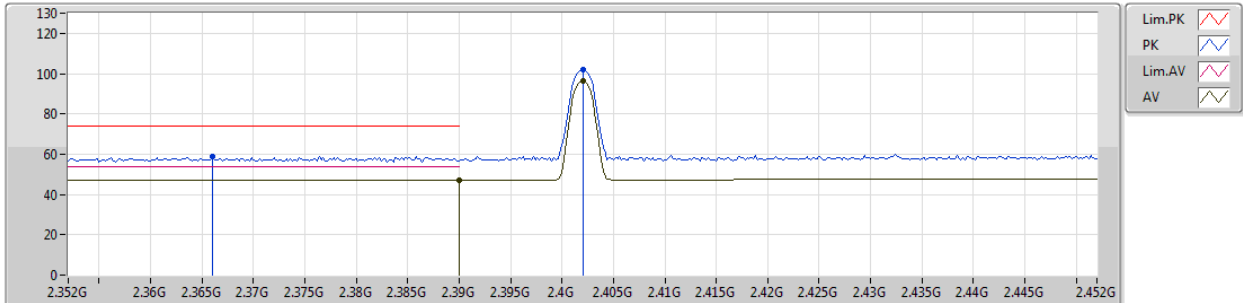


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.9492G	33.38	54.00	-20.62	3.69	3	Horizontal	150	3.00	-
AV	7.45272G	38.75	54.00	-15.25	9.33	3	Horizontal	209	1.50	-
PK	4.95466G	45.80	74.00	-28.20	3.70	3	Horizontal	150	3.00	-
PK	7.42584G	51.49	74.00	-22.51	9.19	3	Horizontal	209	1.50	-

BT-EDR(3Mbps)_1TX

2402MHz_TX

15/09/2018

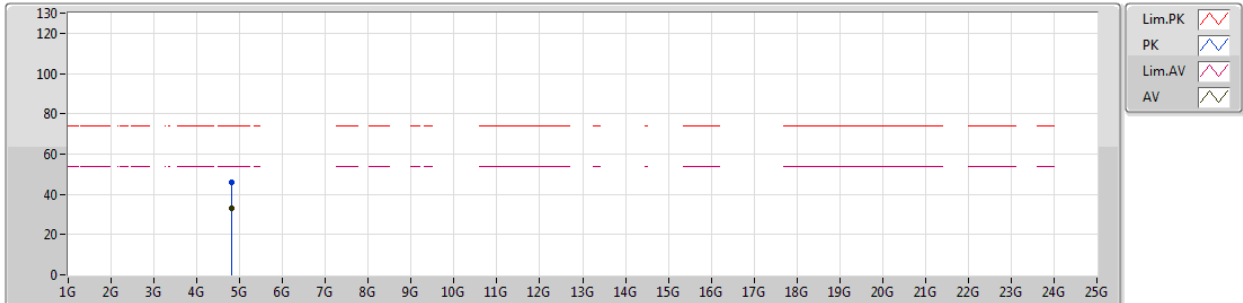


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	46.97	54.00	-7.03	32.01	3	Vertical	216	1.50	-
AV	2.402G	96.44	Inf	-Inf	32.04	3	Vertical	216	1.50	-
PK	2.366G	58.80	74.00	-15.20	31.93	3	Vertical	216	1.50	-
PK	2.402G	101.75	Inf	-Inf	32.04	3	Vertical	216	1.50	-

BT-EDR(3Mbps)_1TX

15/09/2018

2402MHz_TX

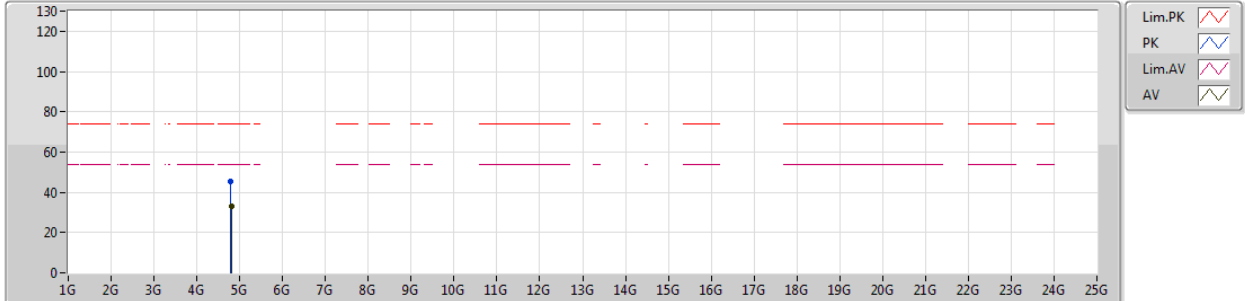


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments							
AV	4.81882G	33.06	54.00	-20.94	3.37	3	Vertical	271	2.33	-							
PK	4.81672G	45.76	74.00	-28.24	3.37	3	Vertical	271	2.33	-							

BT-EDR(3Mbps)_1TX

15/09/2018

2402MHz_TX

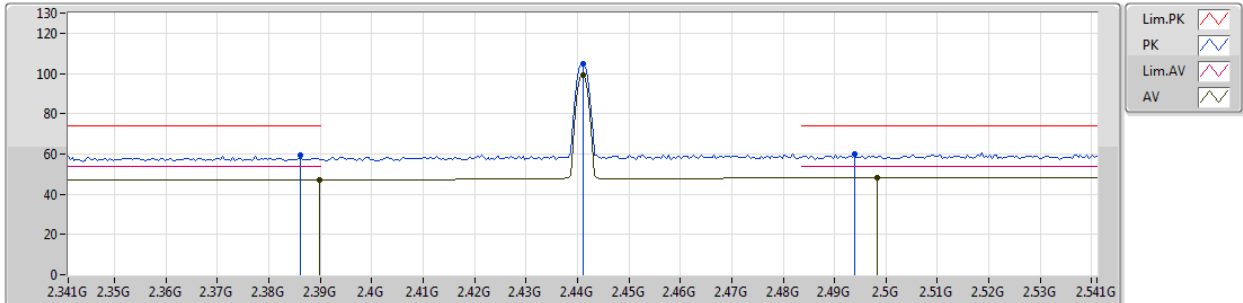


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments							
AV	4.81696G	33.09	54.00	-20.91	3.37	3	Horizontal	360	1.75	-							
PK	4.79638G	45.63	74.00	-28.37	3.32	3	Horizontal	360	1.75	-							

BT-EDR(3Mbps)_1TX

15/09/2018

2441MHz_TX

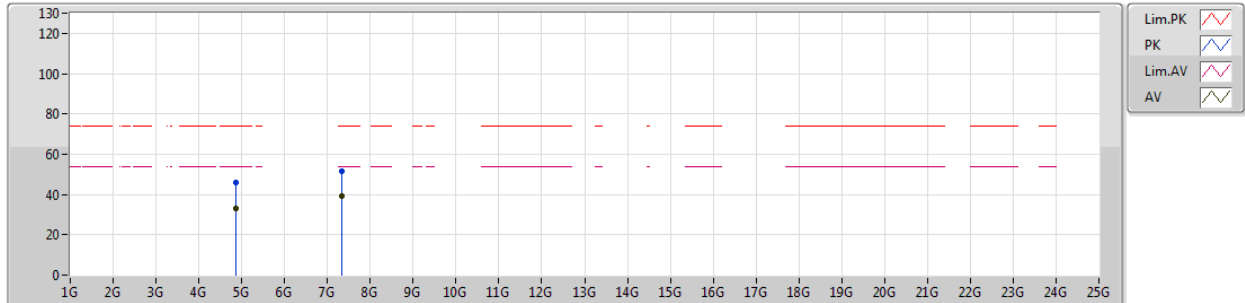


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	46.97	54.00	-7.03	32.01	3	Vertical	213	1.50	-
AV	2.441G	99.35	Inf	-Inf	32.16	3	Vertical	213	1.50	-
AV	2.4982G	48.04	54.00	-5.96	32.34	3	Vertical	213	1.50	-
PK	2.3862G	59.18	74.00	-14.82	32.00	3	Vertical	213	1.50	-
PK	2.441G	104.56	Inf	-Inf	32.16	3	Vertical	213	1.50	-
PK	2.4938G	59.78	74.00	-14.22	32.33	3	Vertical	213	1.50	-

BT-EDR(3Mbps)_1TX

15/09/2018

2441MHz_TX

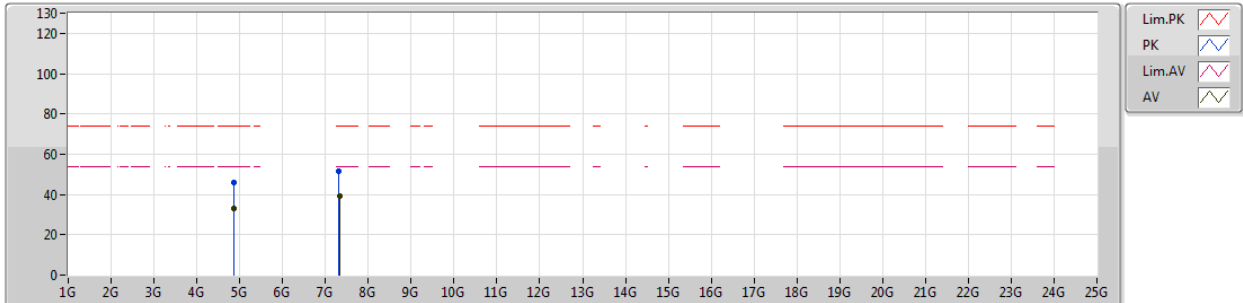


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments							
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)								
AV	4.87114G	32.96	54.00	-21.04	3.50	3	Vertical	226	1.50	-							
AV	7.3365G	38.99	54.00	-15.01	8.99	3	Vertical	201	1.50	-							
PK	4.86922G	45.97	74.00	-28.03	3.49	3	Vertical	226	1.50	-							
PK	7.33224G	51.43	74.00	-22.57	8.99	3	Vertical	201	1.50	-							

BT-EDR(3Mbps)_1TX

15/09/2018

2441MHz_TX

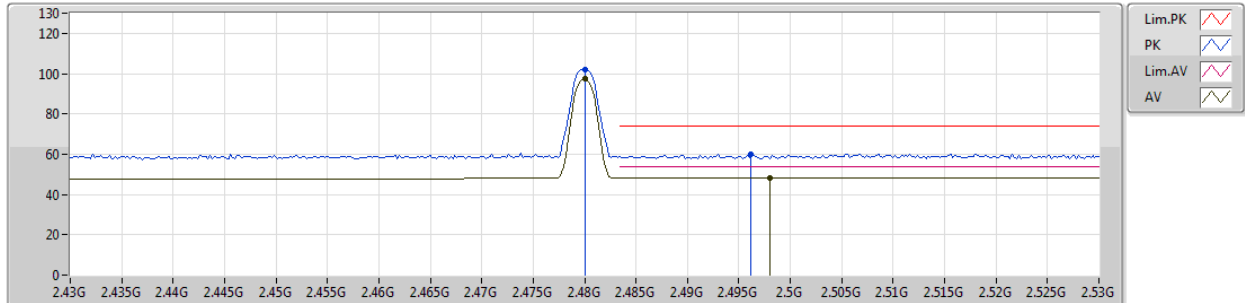


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.87192G	33.20	54.00	-20.80	3.50	3	Horizontal	289	2.61	-
AV	7.33698G	39.00	54.00	-15.00	8.99	3	Horizontal	72	1.50	-
PK	4.87678G	45.82	74.00	-28.18	3.52	3	Horizontal	289	2.61	-
PK	7.32168G	51.55	74.00	-22.45	8.96	3	Horizontal	72	1.50	-

BT-EDR(3Mbps)_1TX

15/09/2018

2480MHz_TX

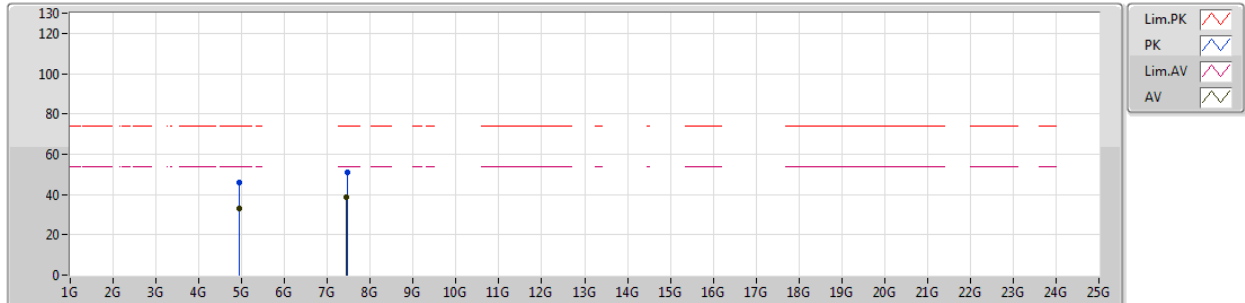


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.48G	97.27	Inf	-Inf	32.28	3	Vertical	209	1.50	-
AV	2.498G	48.04	54.00	-5.96	32.34	3	Vertical	209	1.50	-
PK	2.48G	102.18	Inf	-Inf	32.28	3	Vertical	209	1.50	-
PK	2.4962G	60.00	74.00	-14.00	32.33	3	Vertical	209	1.50	-

BT-EDR(3Mbps)_1TX

15/09/2018

2480MHz_TX

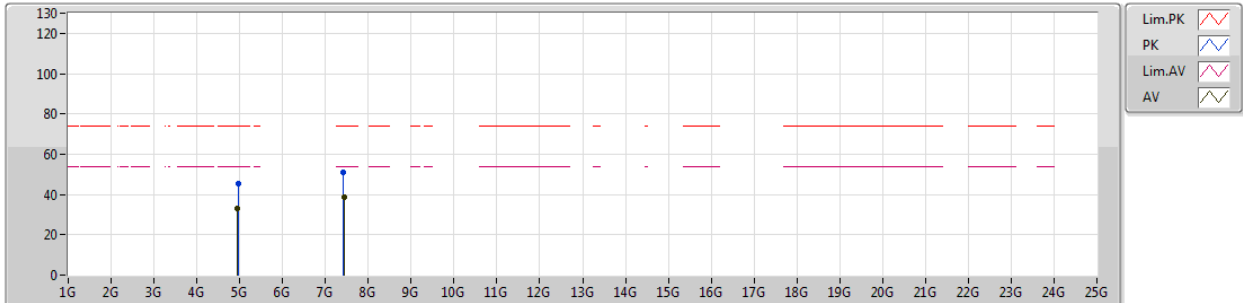


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.94656G	33.18	54.00	-20.82	3.68	3	Vertical	181	1.37	-
AV	7.45278G	38.68	54.00	-15.32	9.33	3	Vertical	13	1.50	-
PK	4.95598G	45.95	74.00	-28.05	3.70	3	Vertical	181	1.37	-
PK	7.4538G	51.26	74.00	-22.74	9.33	3	Vertical	13	1.50	-

BT-EDR(3Mbps)_1TX

15/09/2018

2480MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.94524G	33.34	54.00	-20.66	3.68	3	Horizontal	31	1.50	-
AV	7.45278G	38.68	54.00	-15.32	9.33	3	Horizontal	165	1.50	-
PK	4.95658G	45.45	74.00	-28.55	3.70	3	Horizontal	31	1.50	-
PK	7.42524G	51.14	74.00	-22.86	9.19	3	Horizontal	165	1.50	-

**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-BR(1Mbps)_1TX	Pass	PK	650.8M	43.19	46.00	-2.81	-9.96	3	Horizontal	360	1.00	-

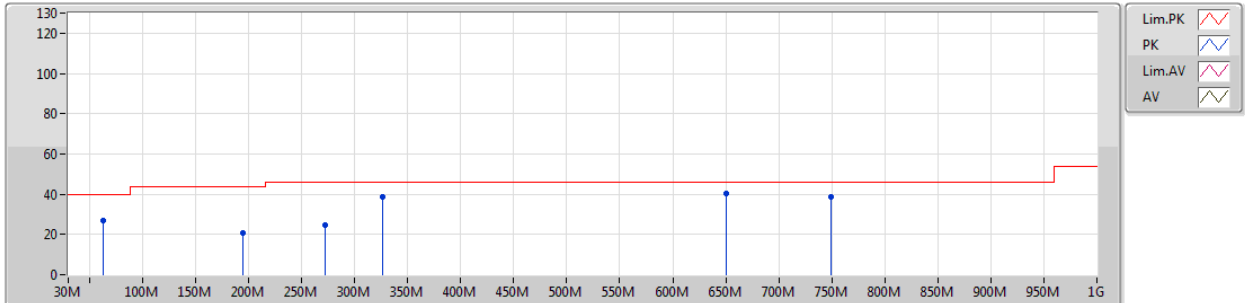
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
BT-BR(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2441MHz	Pass	PK	62.98M	27.06	40.00	-12.94	-25.58	3	Vertical	0	1.00	-
2441MHz	Pass	PK	194.9M	20.56	43.50	-22.94	-21.22	3	Vertical	0	1.00	-
2441MHz	Pass	PK	272.5M	24.77	46.00	-21.23	-16.54	3	Vertical	0	1.00	-
2441MHz	Pass	PK	326.82M	38.64	46.00	-7.36	-16.18	3	Vertical	0	1.00	-
2441MHz	Pass	PK	650.8M	40.11	46.00	-5.89	-9.96	3	Vertical	0	1.00	-
2441MHz	Pass	PK	749.74M	38.85	46.00	-7.15	-8.38	3	Vertical	0	1.00	-
2441MHz	Pass	PK	80.44M	22.15	40.00	-17.85	-23.86	3	Horizontal	360	1.00	-
2441MHz	Pass	PK	192.96M	25.54	43.50	-17.96	-21.29	3	Horizontal	360	1.00	-
2441MHz	Pass	PK	243.4M	28.43	46.00	-17.57	-18.13	3	Horizontal	360	1.00	-
2441MHz	Pass	PK	322.94M	40.35	46.00	-5.65	-16.32	3	Horizontal	360	1.00	-
2441MHz	Pass	PK	650.8M	43.19	46.00	-2.81	-9.96	3	Horizontal	360	1.00	-
2441MHz	Pass	PK	749.74M	42.23	46.00	-3.77	-8.38	3	Horizontal	360	1.00	-

BT-BR(1Mbps)_1RX

20/09/2018

2441MHz_Switching Power Supply

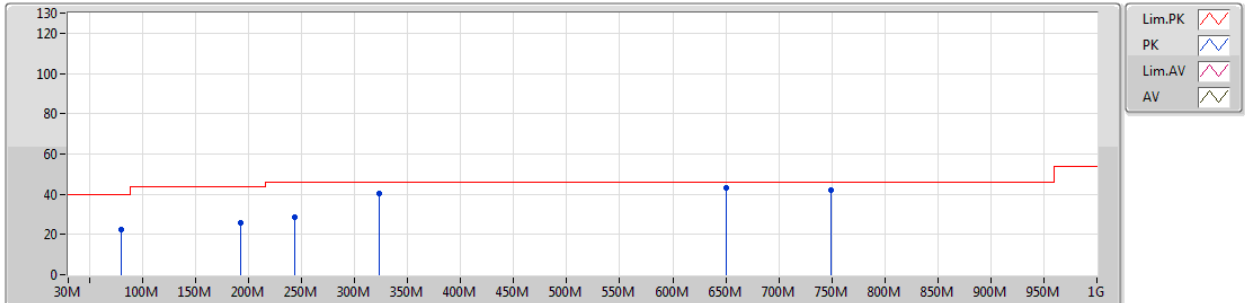


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	62.98M	27.06	40.00	-12.94	-25.58	3	Vertical	0	1.00	-
PK	194.9M	20.56	43.50	-22.94	-21.22	3	Vertical	0	1.00	-
PK	272.5M	24.77	46.00	-21.23	-16.54	3	Vertical	0	1.00	-
PK	326.82M	38.64	46.00	-7.36	-16.18	3	Vertical	0	1.00	-
PK	650.8M	40.11	46.00	-5.89	-9.96	3	Vertical	0	1.00	-
PK	749.74M	38.85	46.00	-7.15	-8.38	3	Vertical	0	1.00	-

BT-BR(1Mbps)_1RX

20/09/2018

2441MHz_Switching Power Supply



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	80.44M	22.15	40.00	-17.85	-23.86	3	Horizontal	360	1.00	-
PK	192.96M	25.54	43.50	-17.96	-21.29	3	Horizontal	360	1.00	-
PK	243.4M	28.43	46.00	-17.57	-18.13	3	Horizontal	360	1.00	-
PK	322.94M	40.35	46.00	-5.65	-16.32	3	Horizontal	360	1.00	-
PK	650.8M	43.19	46.00	-2.81	-9.96	3	Horizontal	360	1.00	-
PK	749.74M	42.23	46.00	-3.77	-8.38	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-BR(1Mbps)_1TX	Pass	AV	1.325G	30.11	54.00	-23.89	-6.79	3	Vertical	206	2.40	-

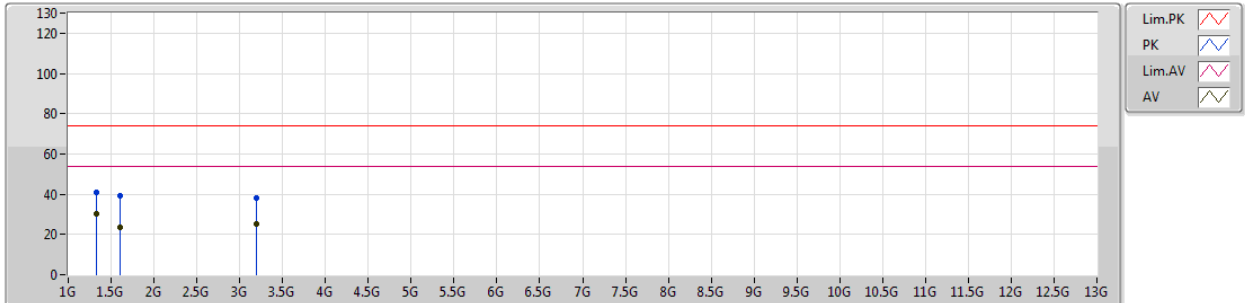
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
BT-BR(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2441MHz	Pass	AV	1.325G	30.11	54.00	-23.89	-6.79	3	Vertical	206	2.40	-
2441MHz	Pass	AV	1.599G	23.80	54.00	-30.20	-5.66	3	Vertical	84	1.20	-
2441MHz	Pass	AV	3.198G	25.02	54.00	-28.98	-1.79	3	Vertical	166	1.17	-
2441MHz	Pass	PK	1.325G	41.05	74.00	-32.95	-6.79	3	Vertical	206	2.40	-
2441MHz	Pass	PK	1.599G	39.25	74.00	-34.75	-5.66	3	Vertical	84	1.20	-
2441MHz	Pass	PK	3.198G	37.97	74.00	-36.03	-1.79	3	Vertical	166	1.17	-
2441MHz	Pass	AV	1.248G	27.24	54.00	-26.76	-7.19	3	Horizontal	15	1.08	-
2441MHz	Pass	AV	2.536G	23.38	54.00	-30.62	-3.19	3	Horizontal	90	1.24	-
2441MHz	Pass	AV	3.124G	23.98	54.00	-30.02	-1.89	3	Horizontal	327	1.93	-
2441MHz	Pass	PK	1.248G	36.75	74.00	-37.25	-7.19	3	Horizontal	15	1.08	-
2441MHz	Pass	PK	2.536G	35.39	74.00	-38.61	-3.19	3	Horizontal	90	1.24	-
2441MHz	Pass	PK	3.124G	35.56	74.00	-38.44	-1.89	3	Horizontal	327	1.93	-

BT-BR(1Mbps)_1RX

20/09/2018

2441MHz_RX

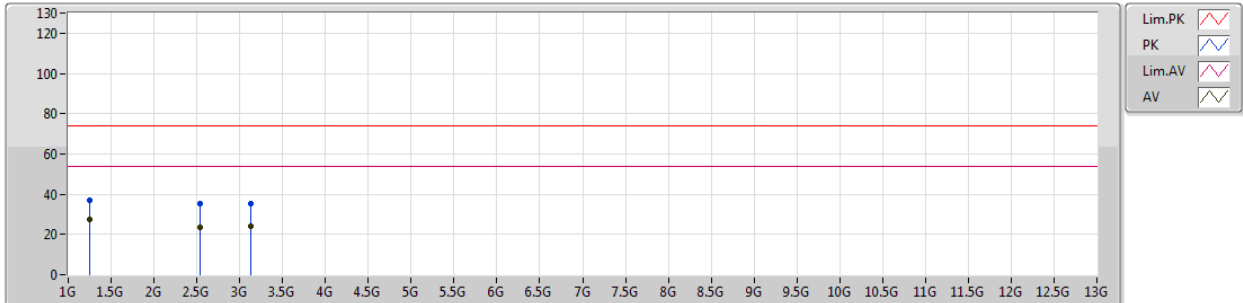


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	1.325G	30.11	54.00	-23.89	-6.79	3	Vertical	206	2.40	-
AV	1.599G	23.80	54.00	-30.20	-5.66	3	Vertical	84	1.20	-
AV	3.198G	25.02	54.00	-28.98	-1.79	3	Vertical	166	1.17	-
PK	1.325G	41.05	74.00	-32.95	-6.79	3	Vertical	206	2.40	-
PK	1.599G	39.25	74.00	-34.75	-5.66	3	Vertical	84	1.20	-
PK	3.198G	37.97	74.00	-36.03	-1.79	3	Vertical	166	1.17	-

BT-BR(1Mbps)_1RX

20/09/2018

2441MHz_RX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	1.248G	27.24	54.00	-26.76	-7.19	3	Horizontal	15	1.08	-
AV	2.536G	23.38	54.00	-30.62	-3.19	3	Horizontal	90	1.24	-
AV	3.124G	23.98	54.00	-30.02	-1.89	3	Horizontal	327	1.93	-
PK	1.248G	36.75	74.00	-37.25	-7.19	3	Horizontal	15	1.08	-
PK	2.536G	35.39	74.00	-38.61	-3.19	3	Horizontal	90	1.24	-
PK	3.124G	35.56	74.00	-38.44	-1.89	3	Horizontal	327	1.93	-



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-BR(1Mbps)_1TX	Pass	PK	749.74M	41.31	46.00	-4.69	-8.38	3	Horizontal	0	1.00	-

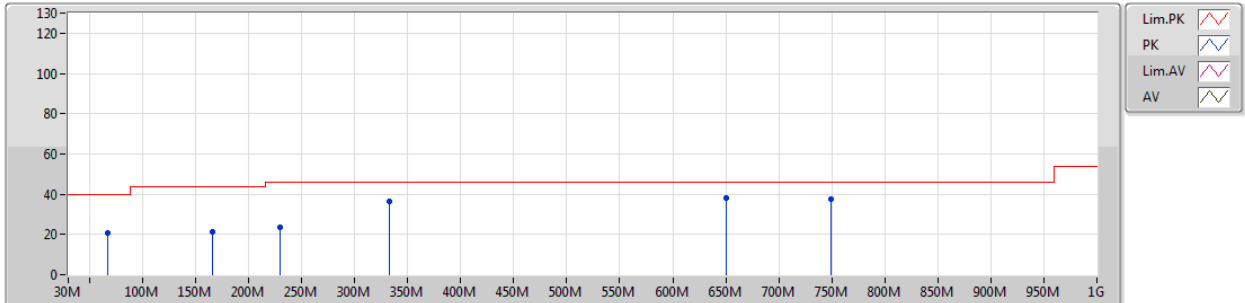
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
BT-BR(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2441MHz	Pass	PK	66.86M	20.59	40.00	-19.41	-25.38	3	Vertical	360	1.00	-
2441MHz	Pass	PK	165.8M	21.30	43.50	-22.20	-20.40	3	Vertical	360	1.00	-
2441MHz	Pass	PK	229.82M	23.76	46.00	-22.24	-19.80	3	Vertical	360	1.00	-
2441MHz	Pass	PK	332.64M	36.48	46.00	-9.52	-15.99	3	Vertical	360	1.00	-
2441MHz	Pass	PK	650.8M	38.01	46.00	-7.99	-9.96	3	Vertical	360	1.00	-
2441MHz	Pass	PK	749.74M	37.53	46.00	-8.47	-8.38	3	Vertical	360	1.00	-
2441MHz	Pass	PK	62.98M	24.43	40.00	-15.57	-25.58	3	Horizontal	0	1.00	-
2441MHz	Pass	PK	161.92M	20.07	43.50	-23.43	-20.11	3	Horizontal	0	1.00	-
2441MHz	Pass	PK	222.06M	29.45	46.00	-16.55	-20.68	3	Horizontal	0	1.00	-
2441MHz	Pass	PK	332.64M	38.96	46.00	-7.04	-15.99	3	Horizontal	0	1.00	-
2441MHz	Pass	PK	650.8M	39.92	46.00	-6.08	-9.96	3	Horizontal	0	1.00	-
2441MHz	Pass	PK	749.74M	41.31	46.00	-4.69	-8.38	3	Horizontal	0	1.00	-

BT-BR(1Mbps)_1RX

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2441MHz_Switching Power Supply

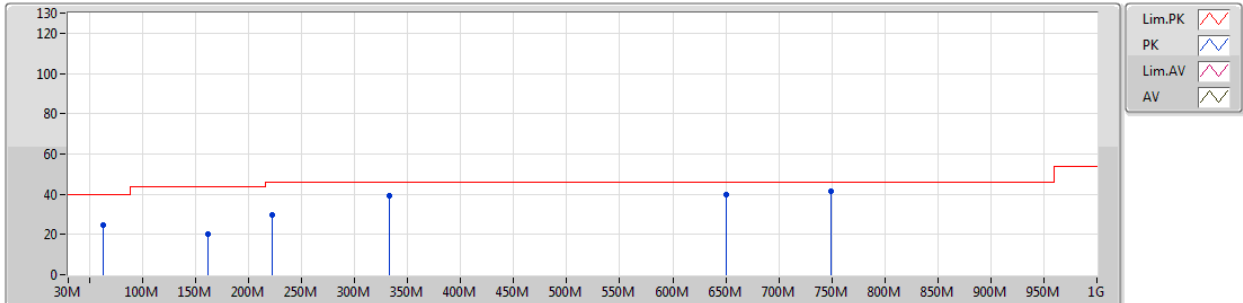


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	66.86M	20.59	40.00	-19.41	-25.38	3	Vertical	360	1.00	-
PK	165.8M	21.30	43.50	-22.20	-20.40	3	Vertical	360	1.00	-
PK	229.82M	23.76	46.00	-22.24	-19.80	3	Vertical	360	1.00	-
PK	332.64M	36.48	46.00	-9.52	-15.99	3	Vertical	360	1.00	-
PK	650.8M	38.01	46.00	-7.99	-9.96	3	Vertical	360	1.00	-
PK	749.74M	37.53	46.00	-8.47	-8.38	3	Vertical	360	1.00	-

BT-BR(1Mbps)_1RX

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2441MHz_Switching Power Supply



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	62.98M	24.43	40.00	-15.57	-25.58	3	Horizontal	0	1.00	-
PK	161.92M	20.07	43.50	-23.43	-20.11	3	Horizontal	0	1.00	-
PK	222.06M	29.45	46.00	-16.55	-20.68	3	Horizontal	0	1.00	-
PK	332.64M	38.96	46.00	-7.04	-15.99	3	Horizontal	0	1.00	-
PK	650.8M	39.92	46.00	-6.08	-9.96	3	Horizontal	0	1.00	-
PK	749.74M	41.31	46.00	-4.69	-8.38	3	Horizontal	0	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-BR(1Mbps)_1TX	Pass	AV	3.29G	29.17	54.00	-24.83	-1.67	3	Horizontal	257	1.13	-

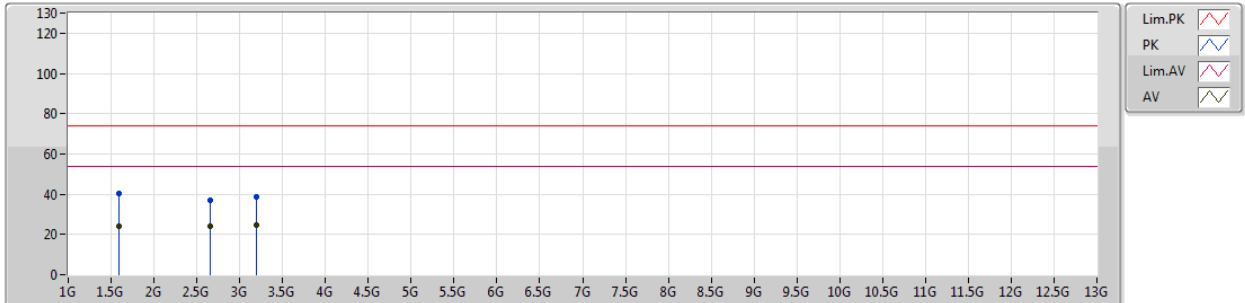
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
BT-BR(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2441MHz	Pass	AV	1.598G	23.95	54.00	-30.05	-5.66	3	Vertical	314	1.29	-
2441MHz	Pass	AV	2.662G	24.13	54.00	-29.87	-2.89	3	Vertical	107	2.07	-
2441MHz	Pass	AV	3.191G	24.80	54.00	-29.20	-1.80	3	Vertical	33	2.18	-
2441MHz	Pass	PK	1.598G	40.07	74.00	-33.93	-5.66	3	Vertical	314	1.29	-
2441MHz	Pass	PK	2.662G	36.91	74.00	-37.09	-2.89	3	Vertical	107	2.07	-
2441MHz	Pass	PK	3.191G	38.39	74.00	-35.61	-1.80	3	Vertical	33	2.18	-
2441MHz	Pass	AV	1.332G	25.59	54.00	-28.41	-6.75	3	Horizontal	316	1.03	-
2441MHz	Pass	AV	2.412G	28.19	54.00	-25.81	-3.57	3	Horizontal	328	2.46	-
2441MHz	Pass	AV	3.29G	29.17	54.00	-24.83	-1.67	3	Horizontal	257	1.13	-
2441MHz	Pass	PK	1.332G	37.65	74.00	-36.35	-6.75	3	Horizontal	316	1.03	-
2441MHz	Pass	PK	2.412G	35.12	74.00	-38.88	-3.57	3	Horizontal	328	2.46	-
2441MHz	Pass	PK	3.29G	36.03	74.00	-37.97	-1.67	3	Horizontal	257	1.13	-

BT-BR(1Mbps)_1RX

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2441MHz_RX

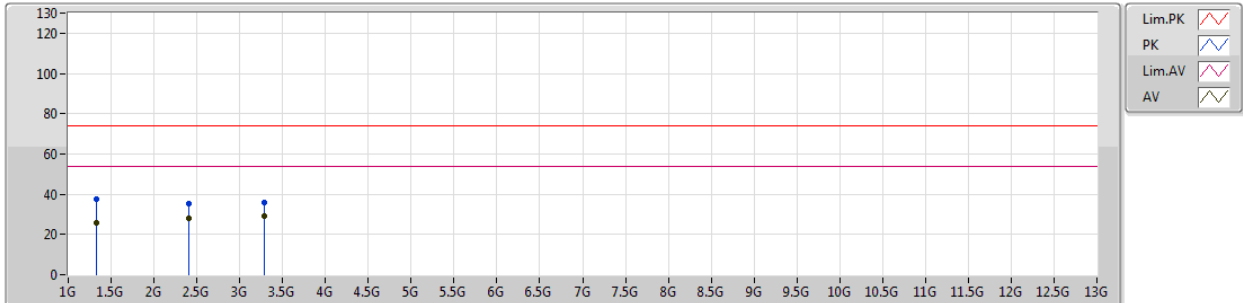


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	1.598G	23.95	54.00	-30.05	-5.66	3	Vertical	314	1.29	-								
AV	2.662G	24.13	54.00	-29.87	-2.89	3	Vertical	107	2.07	-								
AV	3.191G	24.80	54.00	-29.20	-1.80	3	Vertical	33	2.18	-								
PK	1.598G	40.07	74.00	-33.93	-5.66	3	Vertical	314	1.29	-								
PK	2.662G	36.91	74.00	-37.09	-2.89	3	Vertical	107	2.07	-								
PK	3.191G	38.39	74.00	-35.61	-1.80	3	Vertical	33	2.18	-								

BT-BR(1Mbps)_1RX

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2441MHz_RX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	1.332G	25.59	54.00	-28.41	-6.75	3	Horizontal	316	1.03	-
AV	2.412G	28.19	54.00	-25.81	-3.57	3	Horizontal	328	2.46	-
AV	3.29G	29.17	54.00	-24.83	-1.67	3	Horizontal	257	1.13	-
PK	1.332G	37.65	74.00	-36.35	-6.75	3	Horizontal	316	1.03	-
PK	2.412G	35.12	74.00	-38.88	-3.57	3	Horizontal	328	2.46	-
PK	3.29G	36.03	74.00	-37.97	-1.67	3	Horizontal	257	1.13	-