



FCC Test Report

FCC ID : ACQ-VIP6102W
Equipment : IPTV WiFi Set Top Box
Brand Name : ARRIS,Bell,Telus
Model Name : VIP6102W
Applicant : ARRIS
101 Tournament Drive, Horsham PA 19044, USA
Manufacturer : ARRIS
101 Tournament Drive, Horsham PA 19044, USA
Standard : 47 CFR FCC Part 15.247

The product was received on May 05, 2018, and testing was started from May 21, 2018 and completed on Jun. 07, 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

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)



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PHOTOGRAPHS OF EUT V01



Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	FCC 15.203
3.1	15.207	AC Power-line Conducted Emissions	PASS	FCC 15.207
3.2	15.247(a)	20dB Bandwidth	PASS	15.247(a)
3.2	15.247(a)	Carrier Frequency Separation	PASS	15.247(a)
3.3	15.247(b)	Maximum Conducted Output Power	PASS	15.247(b)
3.4	15.247(a)	Number of Hopping Frequencies and Hopping Bandedge	PASS	15.247(a)
3.5	15.247(a)	Time of Occupancy (Dwell Time)	PASS	15.247(a)
3.6	15.247(d)	Emissions in Non-restricted Frequency Bands	PASS	15.247(d)
3.7	15.247(d)	Emissions in Restricted Frequency Bands	PASS	Restricted Bands: FCC 15.209

Reviewed by: Sam Chen

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.	Port	Brand	Model Name	Antenna Type	Connector
1	1	HONGBO	5G_ANT#1	Monopole	I-PEX
2	2	HONGBO	5G_ANT#2	Monopole	I-PEX
3	3	HONGBO	5G_ANT#3	Monopole	I-PEX
4	4	HONGBO	5G_ANT#4	Monopole	I-PEX
5	1	HONGBO	5G_ANT#5	Monopole	I-PEX

Ant.	Port	Peak Gain (dBi)				
		5G				BT
		B1	B2	B3	B4	
1	1	5.06	-	-	-	-
2	2	-	5.55	-	-	-
3	3	-	-	6.12	-	-
4	4	-	-	-	5.33	-
5	1	-	-	-	-	3.17

Ant.	Correlated Gain (dBi)			
	5G			
	4T1S			
	B1	B2	B3	B4
1	7.5	-	-	-
2	-	7.5	-	-
3	-	-	7.1	-
4	-	-	-	7.1

Note 1: The EUT has five antennas.

For BT function:

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

Ant. 5 (port 1) was declared to be tested only by customer.

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 Ant. 1(port 1) and it was record in this test report.

For IEEE 802.11 ac mode (4TX/4RX)

Ant. 1 (port 1) and Ant. 2 (port 2) and Ant. 3 (port 3) and Ant. 4 (port 4) could transmit/receive simultaneously.

Note 2:

- The Signals support CDD and correlated, and transmits simultaneously in multiple channels in single or multiple frequency bands.
- If all antennas have the same gain, G_{ANT} :
Directional gain = $G_{ANT} + 10 \log(N_{ANT}/N_{SS})$ dBi, where N_{SS} = the number of independent spatial streams of data and G_{ANT} is the antenna gain in dBi. (This formula can also be applied when antennas have different gains if the highest antenna gain is substituted for G_{ANT} .)
- For power measurements on IEEE 802.11 devices,
Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$;
Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any N_{ANT} ;
Array Gain = $5 \log(N_{ANT}/N_{SS})$ dB or 3 dB, whichever is less, for 20-MHz channel widths with $N_{ANT} \geq 5$.

1.1.3 EUT Information

Operational Condition	
EUT Power Type	From AC Adapter
EUT Function	<input checked="" type="checkbox"/> Point-to-multipoint <input type="checkbox"/> Point-to-point
Type of EUT	
<input checked="" type="checkbox"/>	Stand-alone
<input type="checkbox"/>	Combined (EUT where the radio part is fully integrated within another device)
	Combined Equipment - Brand Name / Model No.: ...
<input type="checkbox"/>	Plug-in radio (EUT intended for a variety of host systems)
	Host System - Brand Name / Model No.: ...
<input type="checkbox"/>	Other:

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
BT-BR(1Mbps)	0.785	1.051	2.888m	1k
BT-EDR(2Mbps)	0.763	1.175	2.891m	1k
BT-EDR(3Mbps)	0.786	1.046	2.893m	1k

1.1.5 Table for Multiple Listing

The brand in the following table is all refer to the identical product.

EUT	Brand Name	Model Name	Description
Sku 1	ARRIS	VIP6102W	All the models are identical, the difference model for difference brand served as marketing strategy.
Sku 2	Telus		
Sku 3	Bell		

Note 1: Sku 1 and Sku 2 are share case. The worst case was Sku 3 and it was record in this test report.

1.2 Testing Applied Standards

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

- ◆ 47 CFR FCC Part 15
- ◆ Public Notice DA 00-705
- ◆ ANSI C63.10-2013

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Daniel	24.6°C / 53%	23/May/2018
RF Conducted	TH06-HY	Chen	24.6°C / 64%	07/Jun/2018
Radiated	03CH09-HY	Jerry	25.5°C / 55%	21/May/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	120V

2.2 Test Channel Mode




Test Software	Dos
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Mode	PowerSetting
BT-BR(1Mbps)	-
2402MHz	4
2441MHz	4
2480MHz	4
BT-EDR(2Mbps)	-
2402MHz	4
2441MHz	4
2480MHz	4
BT-EDR(3Mbps)	-
2402MHz	4
2441MHz	4
2480MHz	4

2.3 The Worst Case Measurement Configuration

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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	Bluetooth +WLAN 5GHz
Refer to Sporton Test Report No.: FA852415 for Co-location RF Exposure Evaluation.	

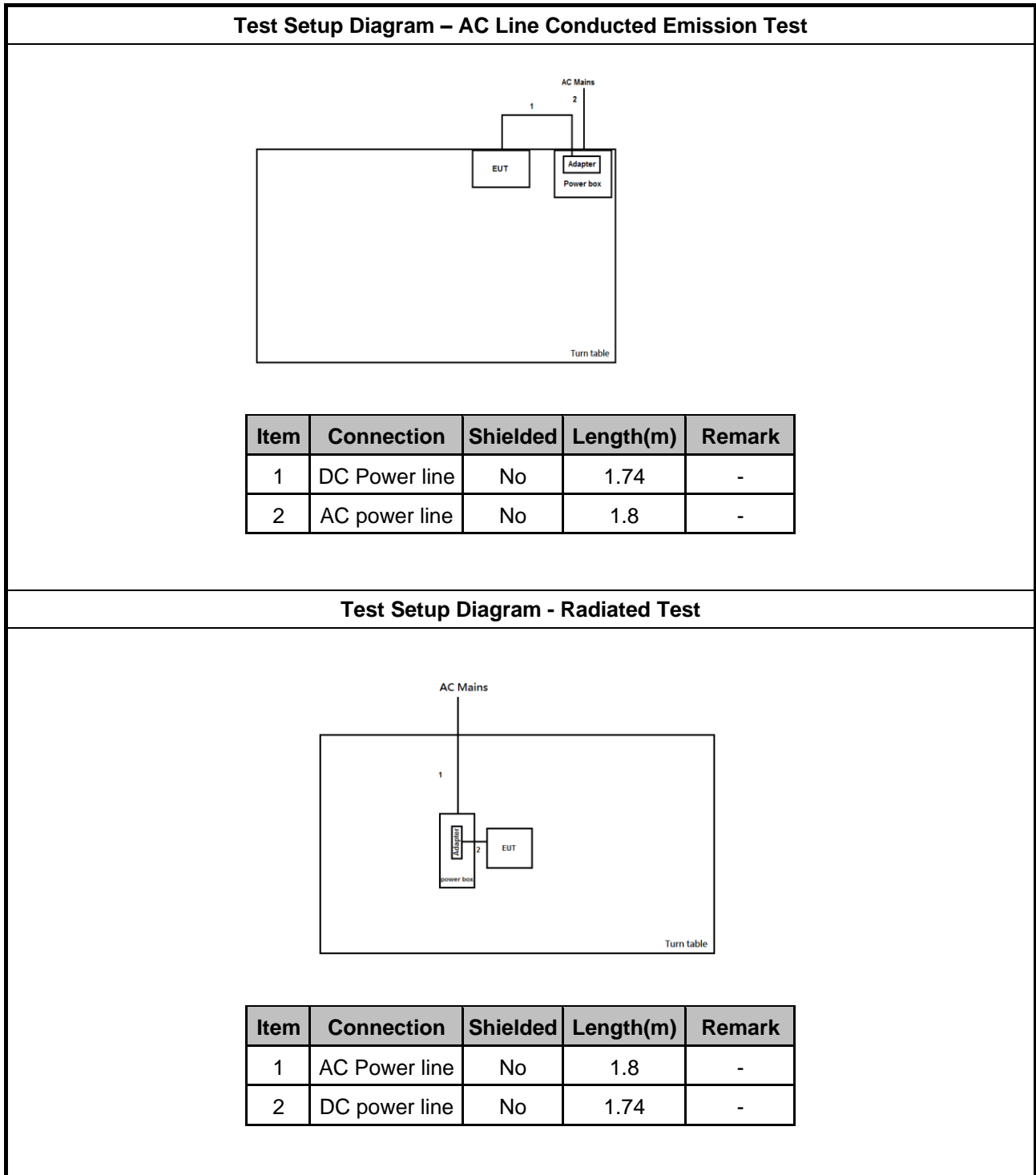
2.4 Accessories and Support Equipment

Accessories				
AC Adapter 1 (US Plug)	Brand Name	ARRIS	Model Name	NBS18D120150VU
	Manufacturer	-	SN	-
	Power Rating	I/P: 100 - 240Vac, 0.6A, O/P: 12 Vdc, 1.5A		
	Power Cord	1.74 meter, Non-Shielded cable, w/o ferrite core		
AC Adapter 2 (US Plug)	Brand Name	APD	Model Name	WB-18Q12FU
	Manufacturer	-	SN	-
	Power Rating	I/P: 100 - 240Vac, 0.6A, O/P: 12Vdc, 1.5A		
	Power Cord	1.74 meter, Non-Shielded cable, w/o ferrite core		
AC Adapter 3 (US Plug)	Brand Name	LITEON	Model Name	PB-1180-01R1
	Manufacturer	-	SN	-
	Power Rating	I/P: 100 - 240Vac, 0.6A, O/P: 12Vdc, 1.5A		
	Power Cord	1.74 meter, Non-Shielded cable, w/o ferrite core		
HDMI Cable	Category	-	In/Out door	In door
	Cable	1.5 meter, Shielded cable, w/o ferrite core		

Reminder: Regarding to more detail and other information, please refer to user manual.

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

2.5 Test Setup Diagram



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.

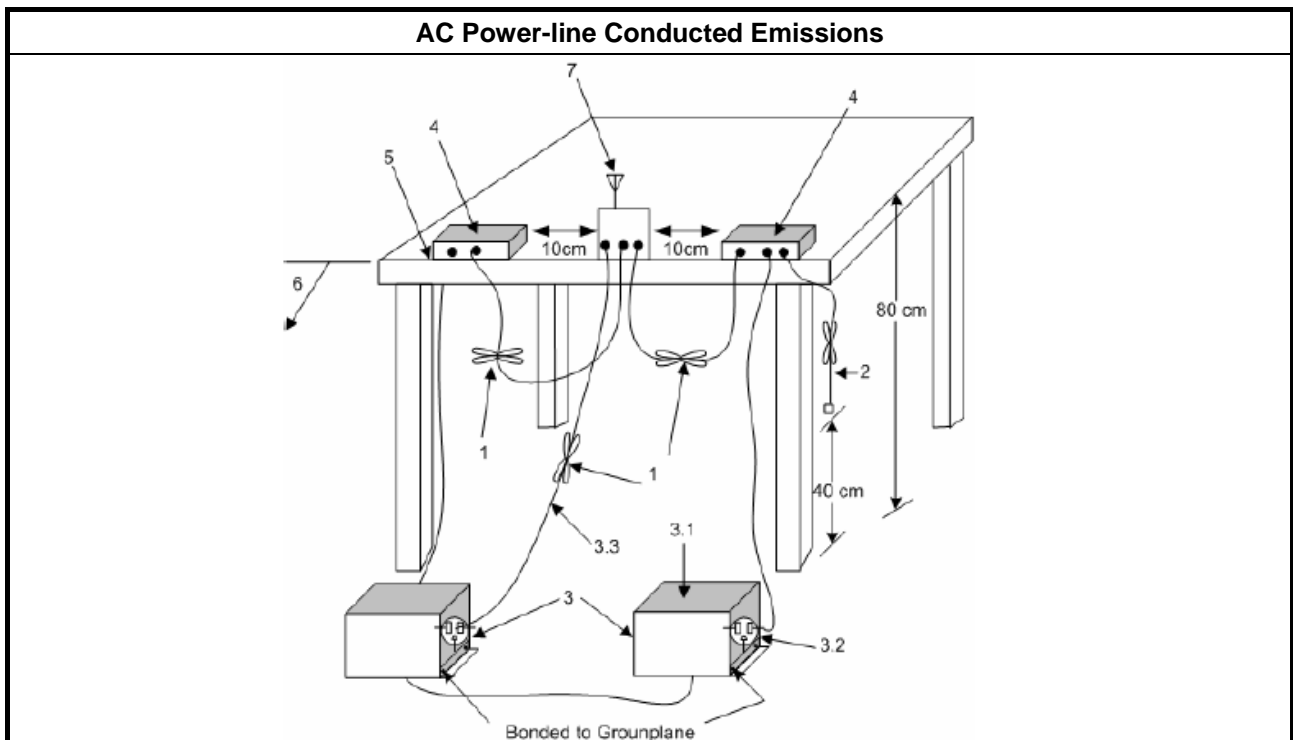
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method
<ul style="list-style-type: none"> 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	
<ul style="list-style-type: none"> 2400-2483.5 MHz Band: 	
	<ul style="list-style-type: none"> $N \geq 75$ and $ChS \geq MAX$ (20 dB bandwidth, 25 kHz).
	<ul style="list-style-type: none"> $75 > N \geq 15$ and $ChS \geq MAX$ (20 dB bandwidth 2/3, 25 kHz).
N: Number of Hopping Frequencies; ChS: Hopping Channel Separation	

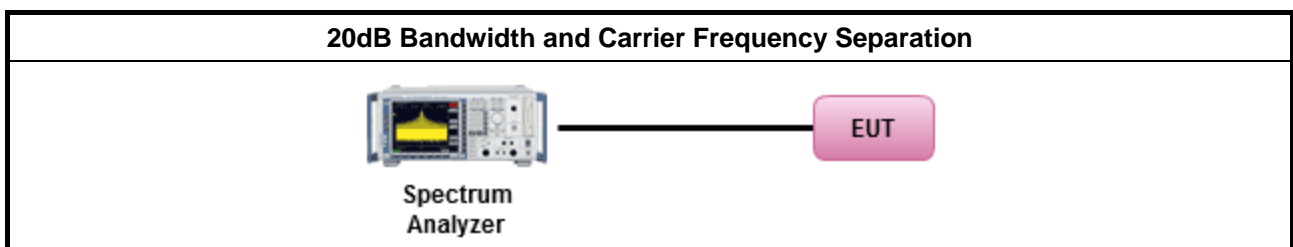
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method
<ul style="list-style-type: none"> Refer as ANSI C63.10-2013, clause 6.9.2 for 20 dB bandwidth measurement.
<ul style="list-style-type: none"> 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	
<ul style="list-style-type: none"> 2400-2483.5 MHz Band: 	
	<ul style="list-style-type: none"> $N \geq 75$; Power 30dBm; EIRP 36dBm
	<ul style="list-style-type: none"> $75 > N \geq 15$; Power 21dBm; EIRP 27dBm
N: Number of Hopping Frequencies	

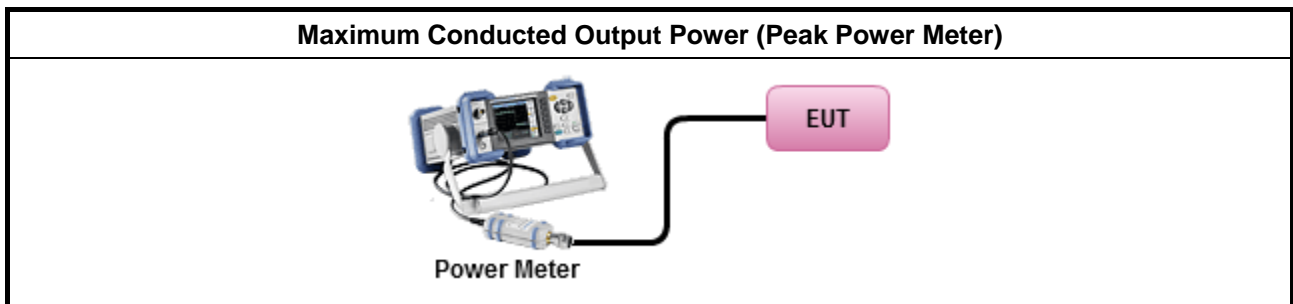
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method
<ul style="list-style-type: none"> 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	
<ul style="list-style-type: none"> 2400-2483.5 MHz Band: 	
	<ul style="list-style-type: none"> $N \geq 75$ and $ChS \geq MAX$ (20 dB bandwidth, 25 kHz).
	<ul style="list-style-type: none"> $75 > N \geq 15$ 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

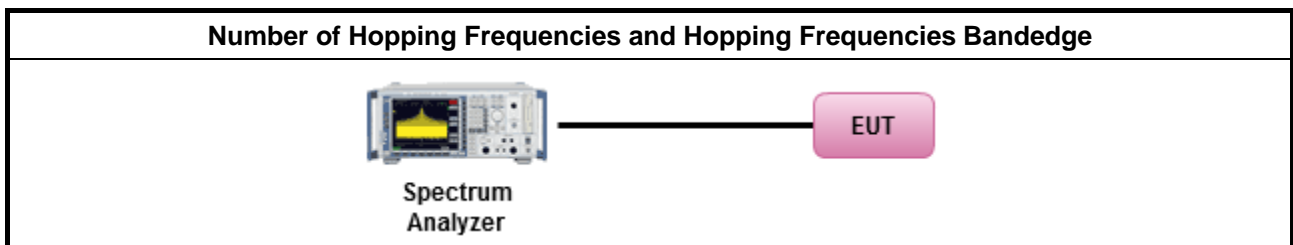
3.4.3 Measuring Instruments

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

3.4.4 Test Procedures

Test Method
<ul style="list-style-type: none"> Refer as ANSI C63.10-2013, clause 7.8.3 for number of hopping frequencies measurement.
<ul style="list-style-type: none"> 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	
<ul style="list-style-type: none"> 2400-2483.5 MHz Band: 	
	<ul style="list-style-type: none"> $N \geq 75$; 0.4s in $N \times 0.4$ period
	<ul style="list-style-type: none"> $75 > N \geq 15$; 0.4s in $N \times 0.4$ period
N: Number of Hopping Frequencies	

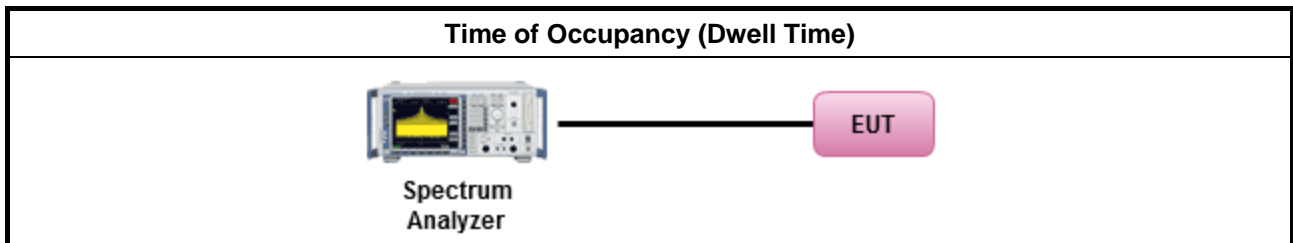
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> Refer as ANSI C63.10-2013, clause 7.8.4 for dwell time measurement. 	
<ul style="list-style-type: none"> 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. 	
	<ul style="list-style-type: none"> 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.	

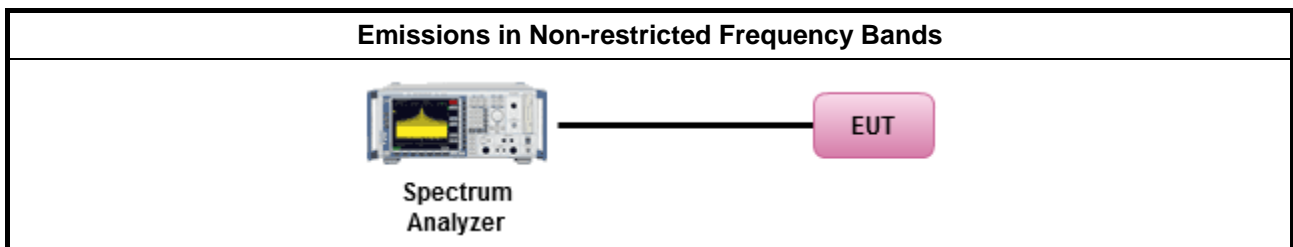
3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

Test Method
<ul style="list-style-type: none"> 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.

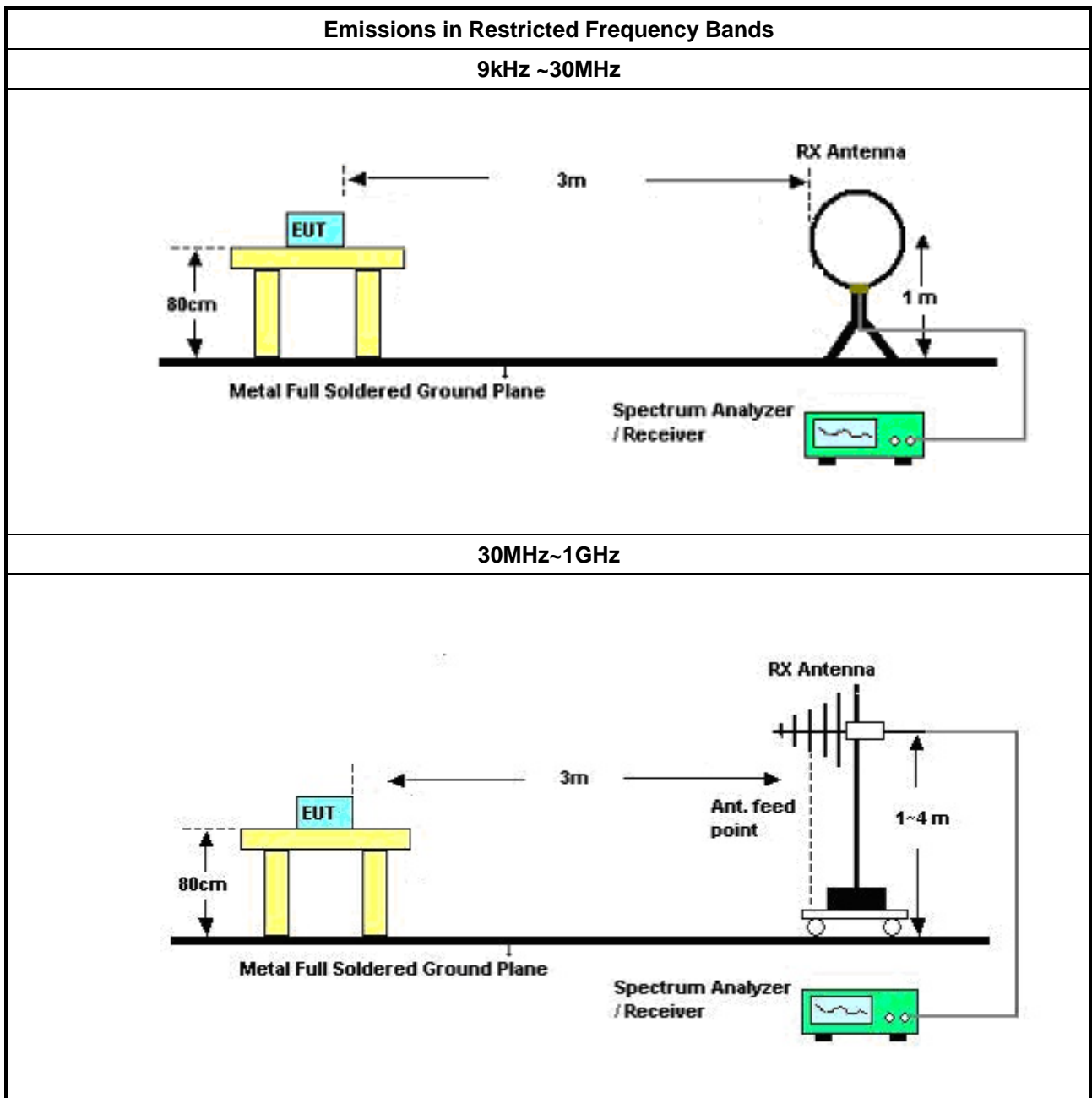
3.7.2 Measuring Instruments

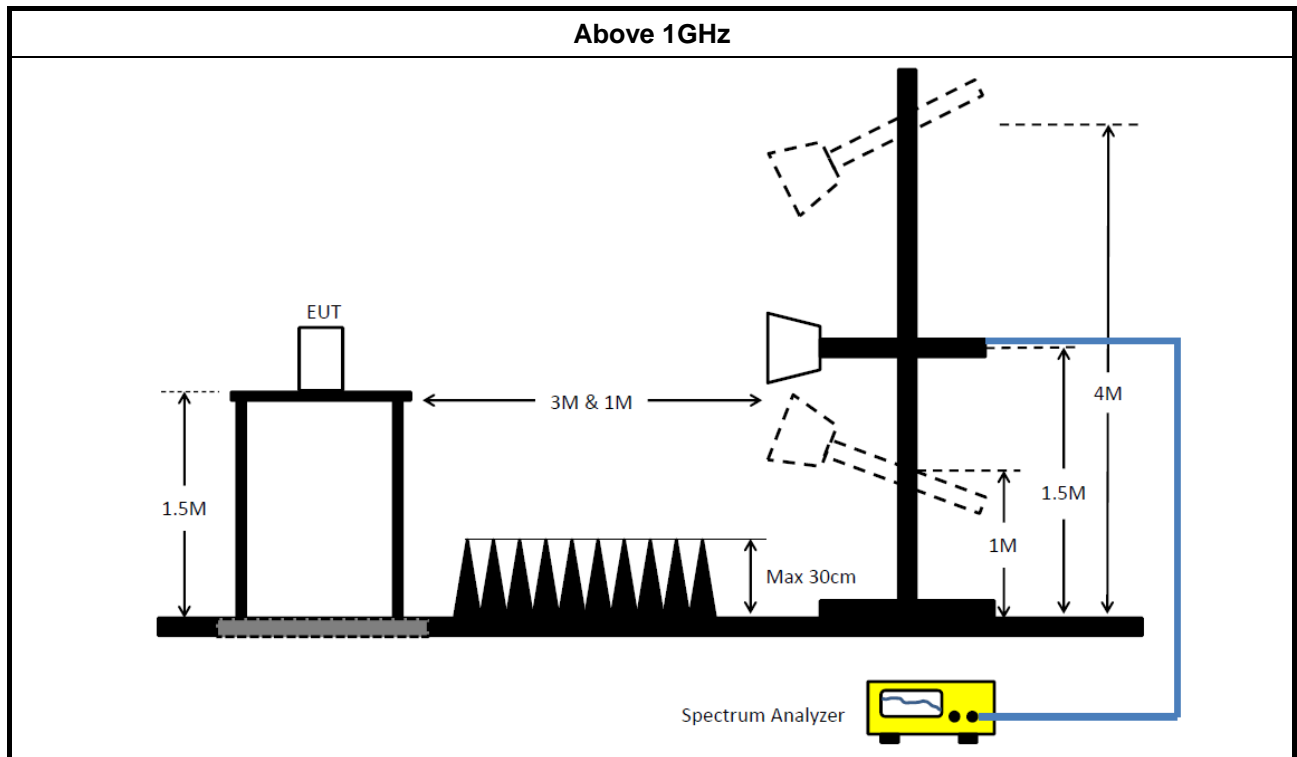
Refer a test equipment and calibration data table in this test report.

3.7.3 Test Procedures

Test Method	
	<ul style="list-style-type: none"> ▪ The average emission levels shall be measured in [hopping duty factor].
	<ul style="list-style-type: none"> ▪ 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.
	<ul style="list-style-type: none"> ▪ For the transmitter unwanted emissions shall be measured using following options below: <ul style="list-style-type: none"> ▪ 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

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	ESCS30	838251/003	9KHz ~ 2.75GHz	13/Jun/2017	12/Jun/2018
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 Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	9kHz~40GHz	29/Dec/2017	28/Dec/2018
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	27/Jul/2017	26/Jul/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
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10710/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10709/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY10713/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018



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	20/Jun/2017	19/Jun/2018
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz ~ 26.5GHz	28/Sep/2017	27/Sep/2018
Amplifier	Agilent	8447D	2944A11149	100kHz ~ 1.3GHz	29Jun/2017	28/Jun/2018
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz ~ 44GHz	20/Jul/2017	19/Jul/2018
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D & MTJ6102-05	35418 / 3	30MHz~1GHz	09/Sep/2017	08/Sep/2018
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA9120 D 1534	1GHz~18GHz	28/Apr/2017	27/Apr/2018
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120D	BBHA9120D 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/2017	23/Aug/2018
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
RF Cable-high	SUHNER	SUCOFLEX104	MY34918/4	1GHz ~ 40GHz	02/Feb/2018	01/Feb/2019



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Summary

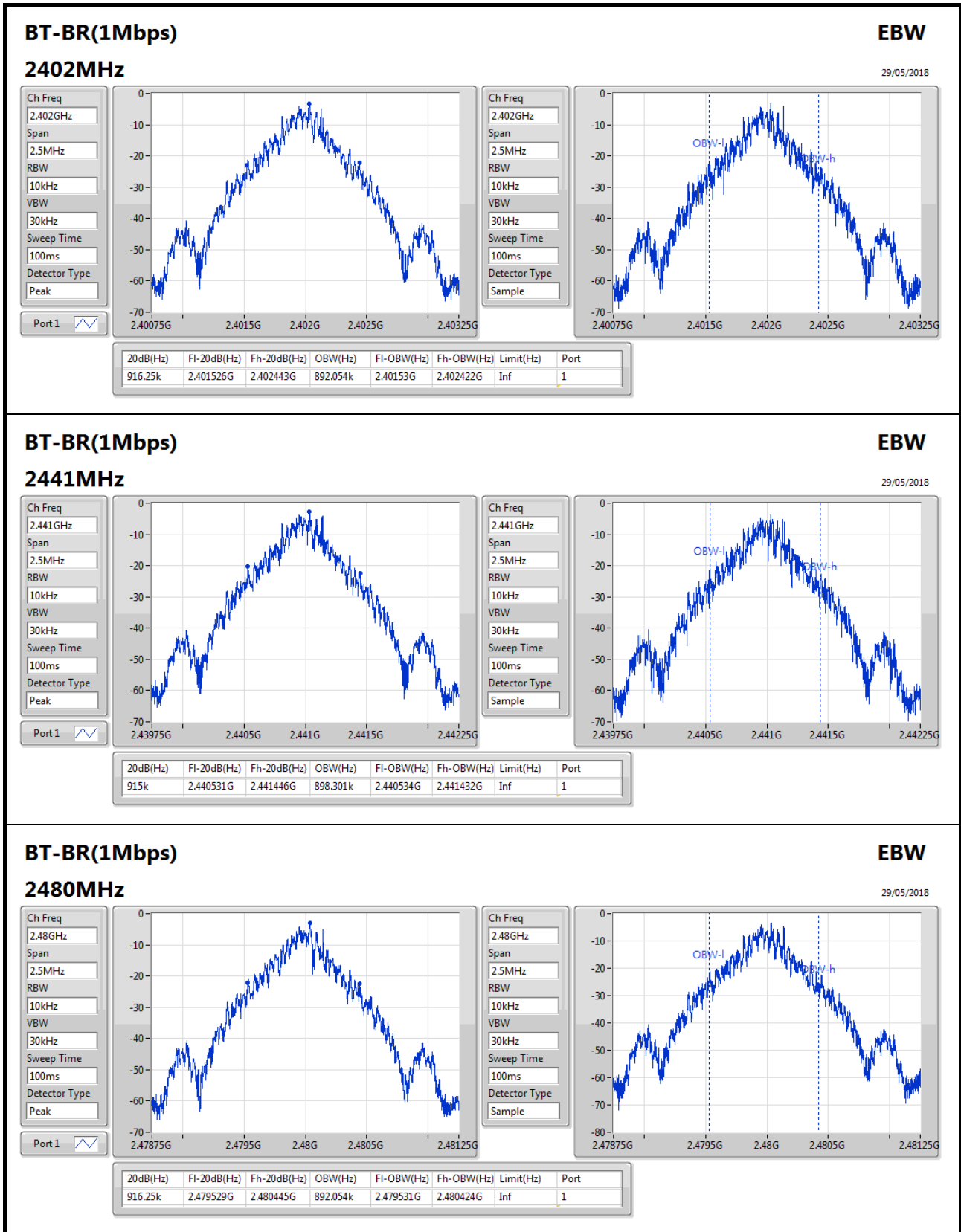
Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
BT-BR(1Mbps)	916.25k	898.301k	898KF1D	915k	892.054k
BT-EDR(2Mbps)	1.338M	1.227M	1M23G1D	1.335M	1.224M
BT-EDR(3Mbps)	1.314M	1.224M	1M22G1D	1.31M	1.223M

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	916.25k	892.054k
2441MHz_TnomVnom	Pass	Inf	915k	898.301k
2480MHz_TnomVnom	Pass	Inf	916.25k	892.054k
BT-EDR(2Mbps)	-	-	-	-
2402MHz_TnomVnom	Pass	Inf	1.338M	1.227M
2441MHz_TnomVnom	Pass	Inf	1.335M	1.224M
2480MHz_TnomVnom	Pass	Inf	1.335M	1.224M
BT-EDR(3Mbps)	-	-	-	-
2402MHz_TnomVnom	Pass	Inf	1.31M	1.224M
2441MHz_TnomVnom	Pass	Inf	1.314M	1.224M
2480MHz_TnomVnom	Pass	Inf	1.314M	1.223M

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


BT-BR(1Mbps)
EBW

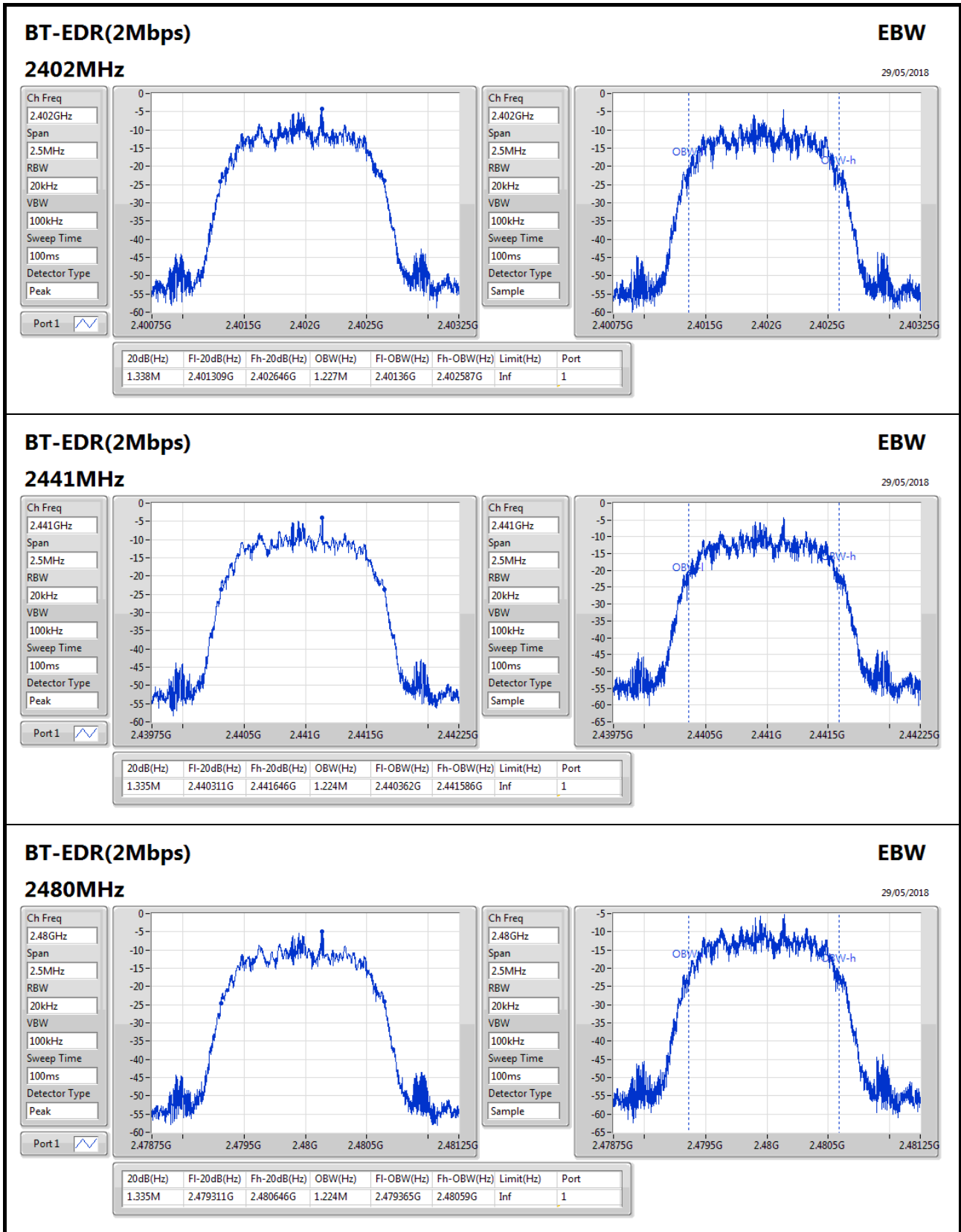
29/05/2018

2480MHz

Ch Freq: 2.48GHz
Span: 2.5MHz
RBW: 10kHz
VBW: 30kHz
Sweep Time: 100ms
Detector Type: Peak

Port 1

Ch Freq: 2.48GHz
Span: 2.5MHz
RBW: 10kHz
VBW: 30kHz
Sweep Time: 100ms
Detector Type: Sample


BT-EDR(2Mbps)
EBW

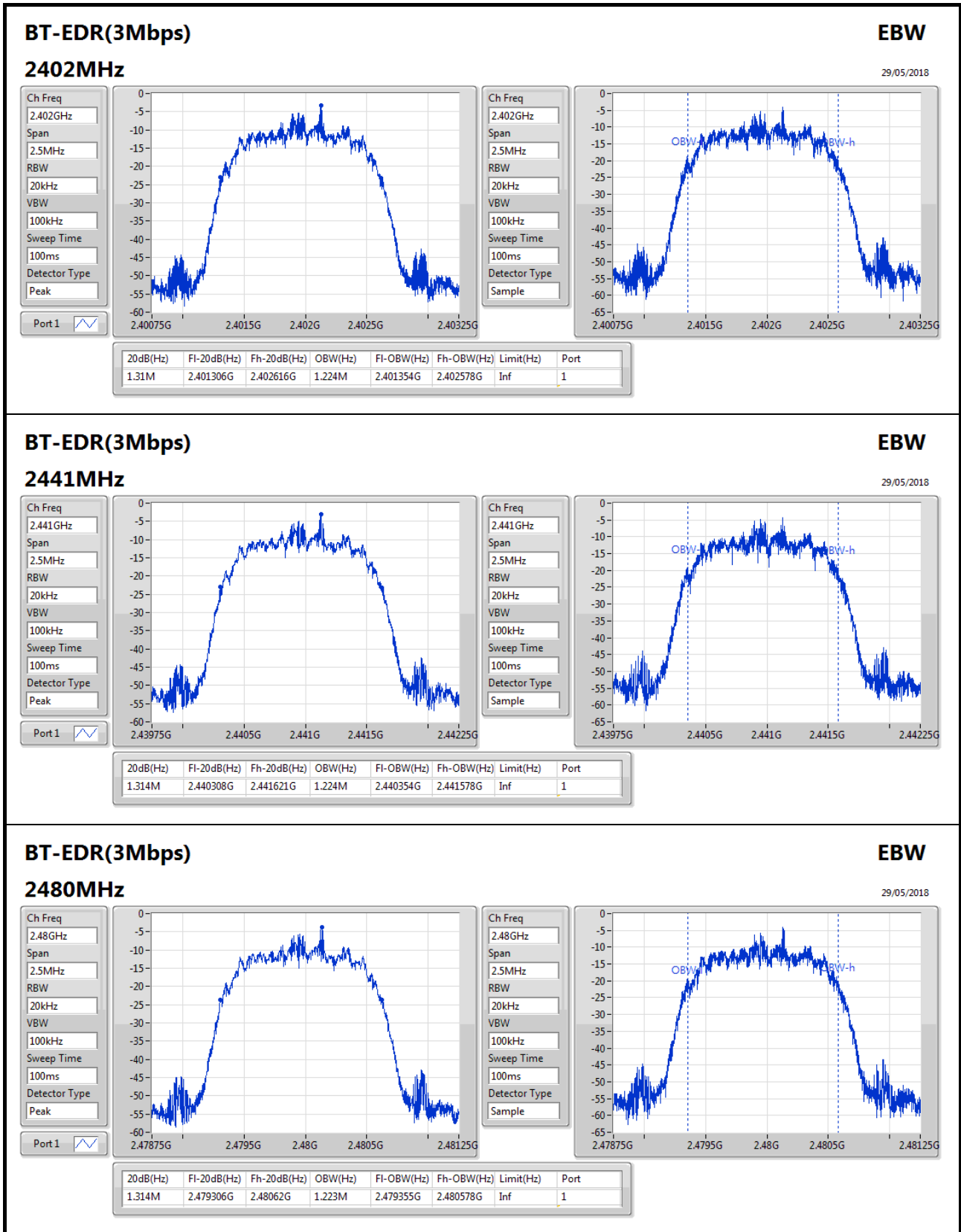
29/05/2018

2480MHz

Ch Freq: 2.48GHz
Span: 2.5MHz
RBW: 20kHz
VBW: 100kHz
Sweep Time: 100ms
Detector Type: Peak

Port 1

Ch Freq: 2.48GHz
Span: 2.5MHz
RBW: 20kHz
VBW: 100kHz
Sweep Time: 100ms
Detector Type: Sample





Summary

Mode	Max-Space (Hz)	Min-Space (Hz)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	1.0035M	1.0005M
BT-EDR(2Mbps)	1.0005M	999k
BT-EDR(3Mbps)	1.002M	999k

Result

Mode	Result	Fl (Hz)	Fh (Hz)	Ch.Space (Hz)	Limit (Hz)
BT-BR(1Mbps)	-	-	-	-	-
2402MHz_TnomVnom	Pass	2.402131G	2.403132G	1.0005M	610.2225k
2441MHz_TnomVnom	Pass	2.44113G	2.442133G	1.0035M	609.39k
2480MHz_TnomVnom	Pass	2.479133G	2.480136G	1.0035M	610.2225k
BT-EDR(2Mbps)	-	-	-	-	-
2402MHz_TnomVnom	Pass	2.402133G	2.403133G	1.0005M	891.108k
2441MHz_TnomVnom	Pass	2.441134G	2.442135G	1.0005M	889.11k
2480MHz_TnomVnom	Pass	2.479137G	2.480136G	999k	889.11k
BT-EDR(3Mbps)	-	-	-	-	-
2402MHz_TnomVnom	Pass	2.402125G	2.403127G	1.002M	872.46k
2441MHz_TnomVnom	Pass	2.441127G	2.442129G	1.002M	875.124k
2480MHz_TnomVnom	Pass	2.47913G	2.480129G	999k	875.124k



BT-BR(1Mbps)

Channel Separation

2.402G/2.403GHz



Ff(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.402131G	2.403132G	1.0005M	610.2225k

BT-BR(1Mbps)

Channel Separation

2.441G/2.442GHz



Ff(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.44113G	2.442133G	1.0035M	609.39k

BT-BR(1Mbps)

Channel Separation

2.48G/2.479GHz



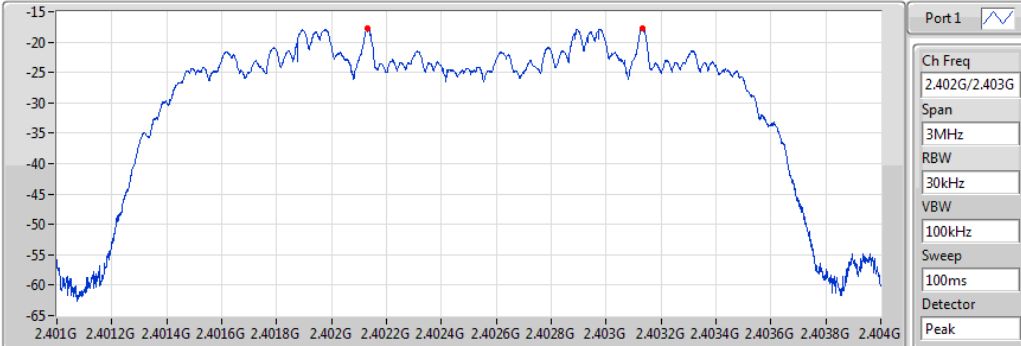
Ff(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.479133G	2.480136G	1.0035M	610.2225k



BT-EDR(2Mbps)

Channel Separation

2.402G/2.403GHz

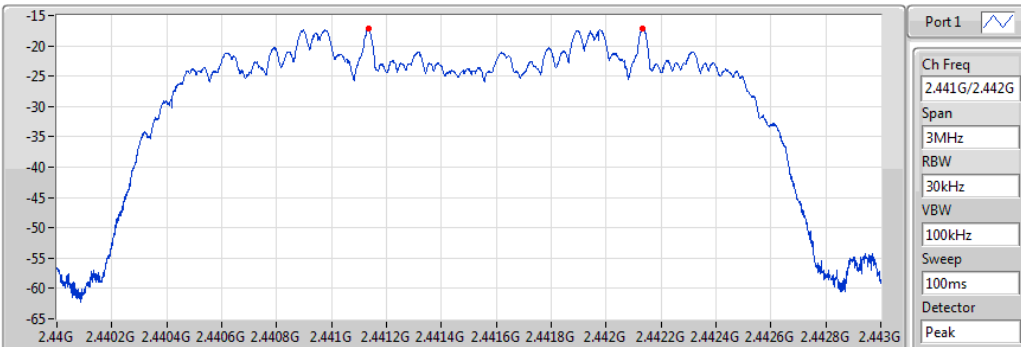


Ff(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.402133G	2.403133G	1.0005M	891.108k

BT-EDR(2Mbps)

Channel Separation

2.441G/2.442GHz

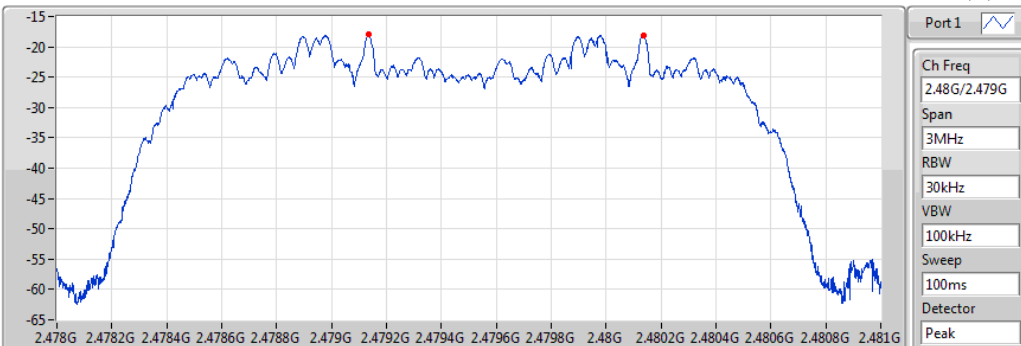


Ff(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.441134G	2.442135G	1.0005M	889.11k

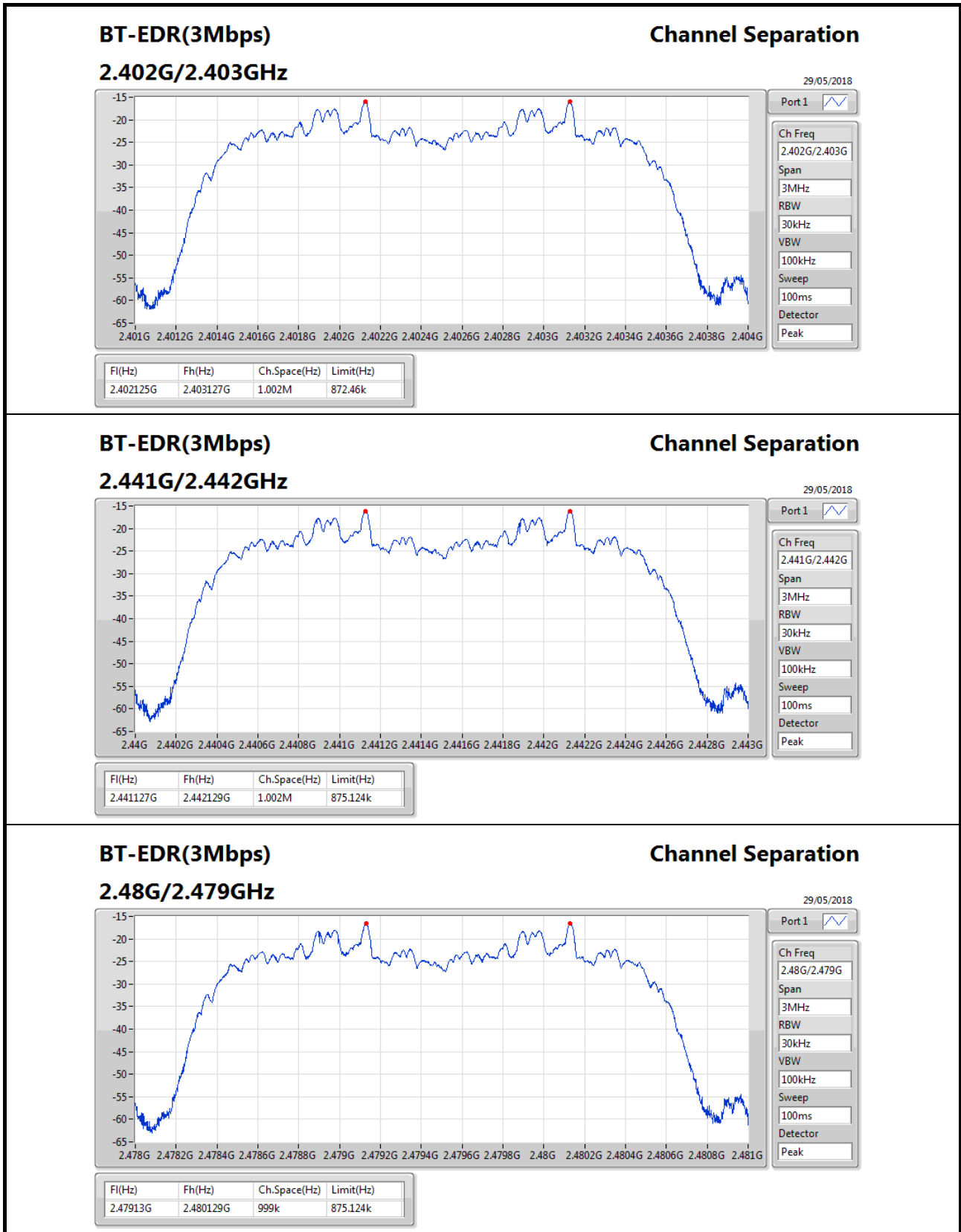
BT-EDR(2Mbps)

Channel Separation

2.48G/2.479GHz



Ff(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.479137G	2.480136G	999k	889.11k



BT-EDR(3Mbps)

2.48G/2.479GHz

Channel Separation

29/05/2018

Port 1

Ch Freq
2.48G/2.479G

Span
3MHz

RBW
30kHz

VBW
100kHz

Sweep
100ms

Detector
Peak



Summary

Mode	Power (dBm)	Power (W)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	3.36	0.00217
BT-EDR(2Mbps)	2.81	0.00191
BT-EDR(3Mbps)	2.99	0.00199

Result

Mode	Result	Gain (dBi)	Power (dBm)	Power Limit (dBm)
BT-BR(1Mbps)	-	-	-	-
2402MHz_TnomVnom	Pass	3.17	2.78	21.00
2441MHz_TnomVnom	Pass	3.17	3.10	21.00
2480MHz_TnomVnom	Pass	3.17	3.36	21.00
BT-EDR(2Mbps)	-	-	-	-
2402MHz_TnomVnom	Pass	3.17	2.60	21.00
2441MHz_TnomVnom	Pass	3.17	2.81	21.00
2480MHz_TnomVnom	Pass	3.17	2.36	21.00
BT-EDR(3Mbps)	-	-	-	-
2402MHz_TnomVnom	Pass	3.17	2.86	21.00
2441MHz_TnomVnom	Pass	3.17	2.99	21.00
2480MHz_TnomVnom	Pass	3.17	2.59	21.00



Summary

Mode	Power (dBm)	Power (W)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	2.95	0.00197
BT-EDR(2Mbps)	0.11	0.00103
BT-EDR(3Mbps)	0.12	0.00103

Result

Mode	Result	Gain (dBi)	Power (dBm)	Power Limit (dBm)
BT-BR(1Mbps)	-	-	-	-
2402MHz_TnomVnom	Pass	3.17	2.26	21.00
2441MHz_TnomVnom	Pass	3.17	2.65	21.00
2480MHz_TnomVnom	Pass	3.17	2.95	21.00
BT-EDR(2Mbps)	-	-	-	-
2402MHz_TnomVnom	Pass	3.17	-0.19	21.00
2441MHz_TnomVnom	Pass	3.17	0.11	21.00
2480MHz_TnomVnom	Pass	3.17	-0.51	21.00
BT-EDR(3Mbps)	-	-	-	-
2402MHz_TnomVnom	Pass	3.17	-0.15	21.00
2441MHz_TnomVnom	Pass	3.17	0.12	21.00
2480MHz_TnomVnom	Pass	3.17	-0.43	21.00

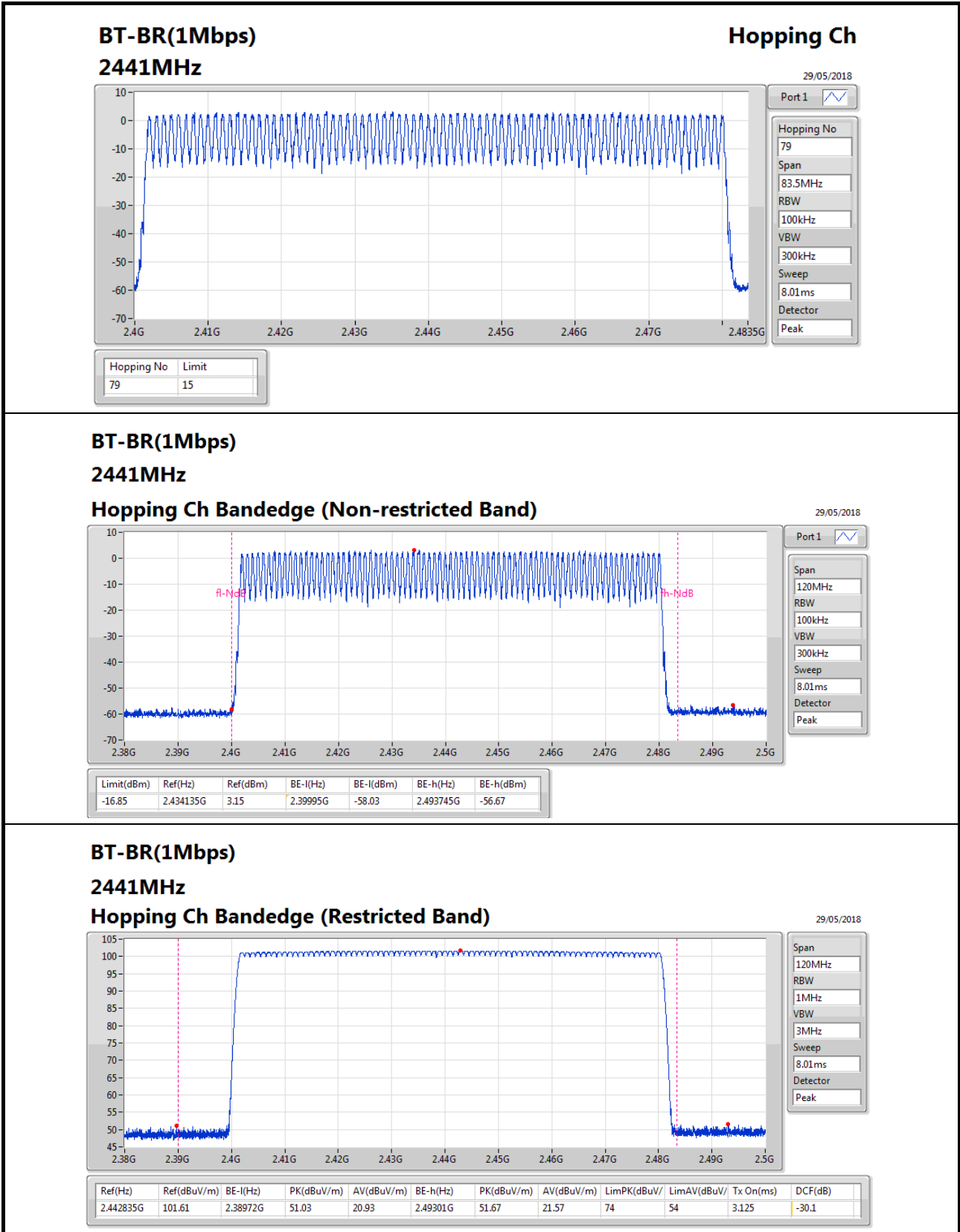


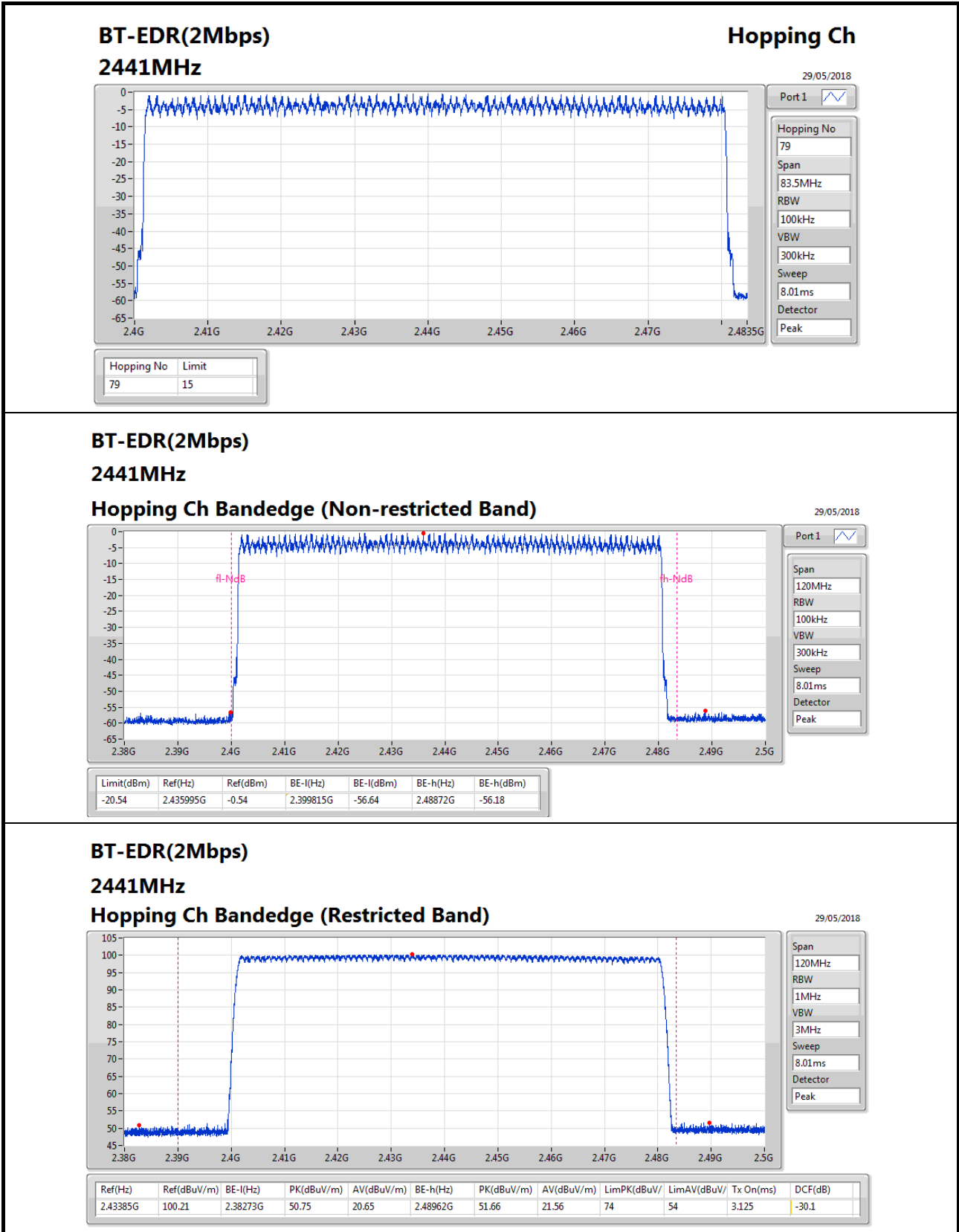
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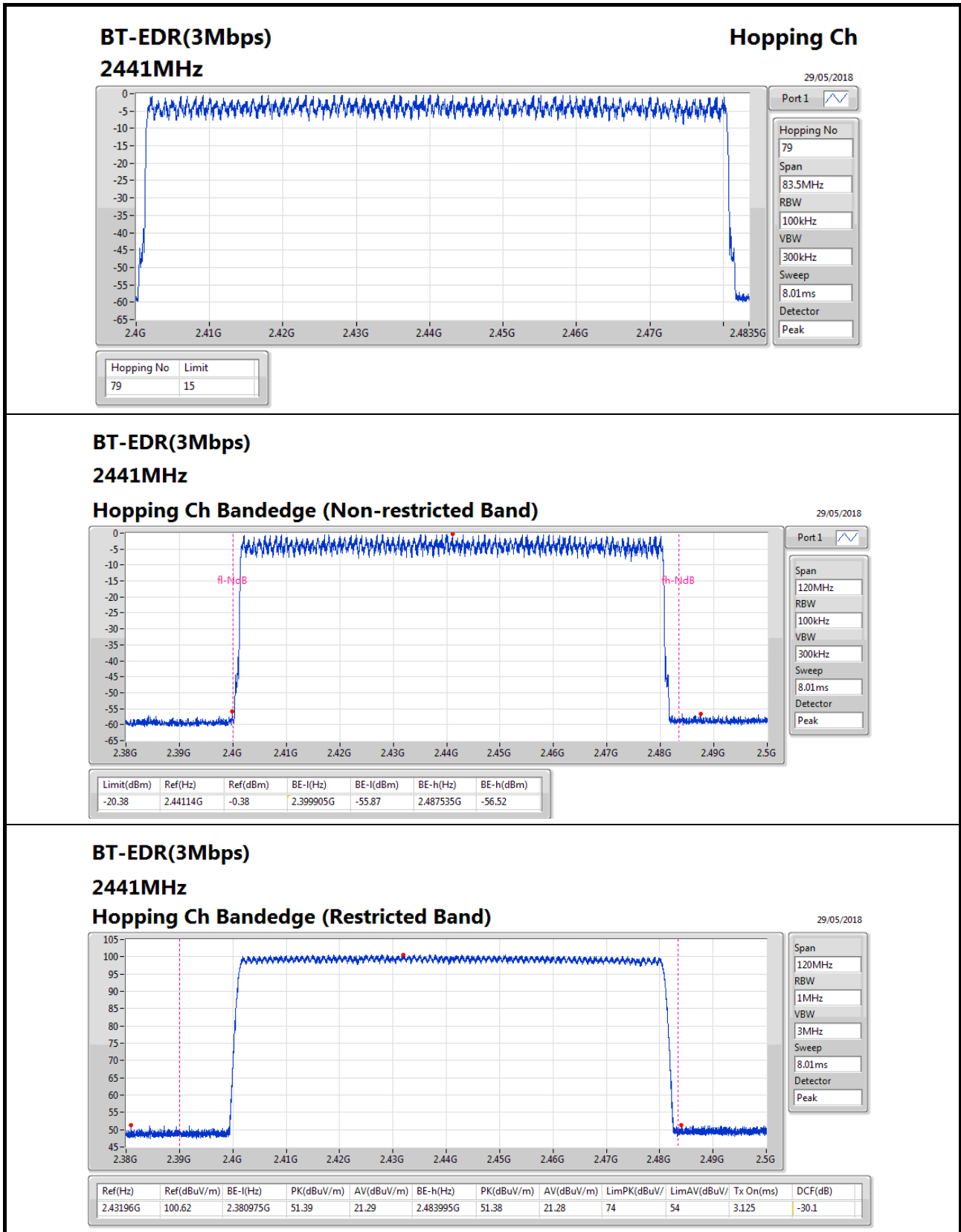
Mode	Max-Hop No
2.4-2.4835GHz	-
BT-BR(1Mbps)	79
BT-EDR(2Mbps)	79
BT-EDR(3Mbps)	79

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







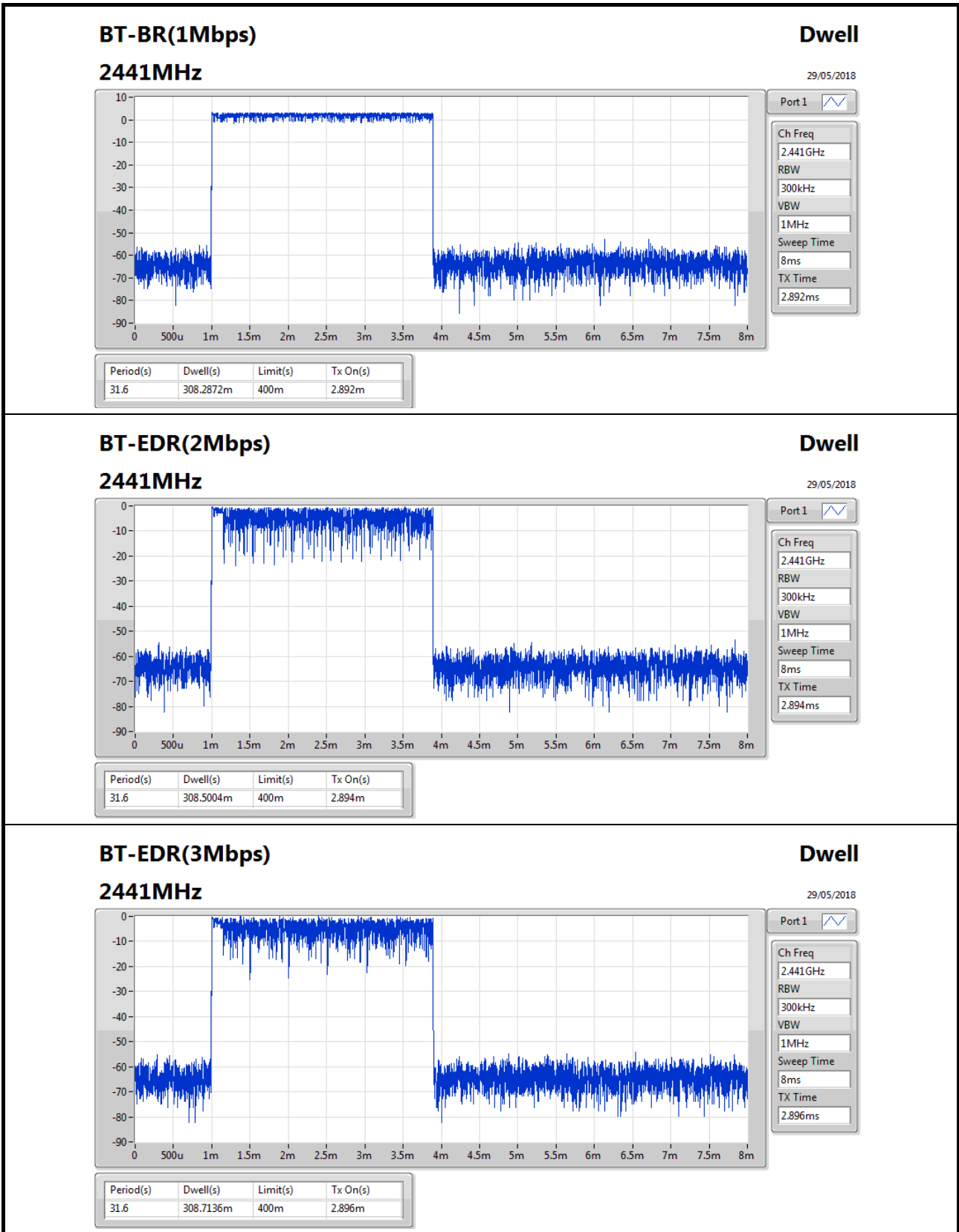


Summary

Mode	Max-Dwell (s)
2.4-2.4835GHz	-
BT-BR(1Mbps)	308.2872m
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	308.2872m	400m	2.892m
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



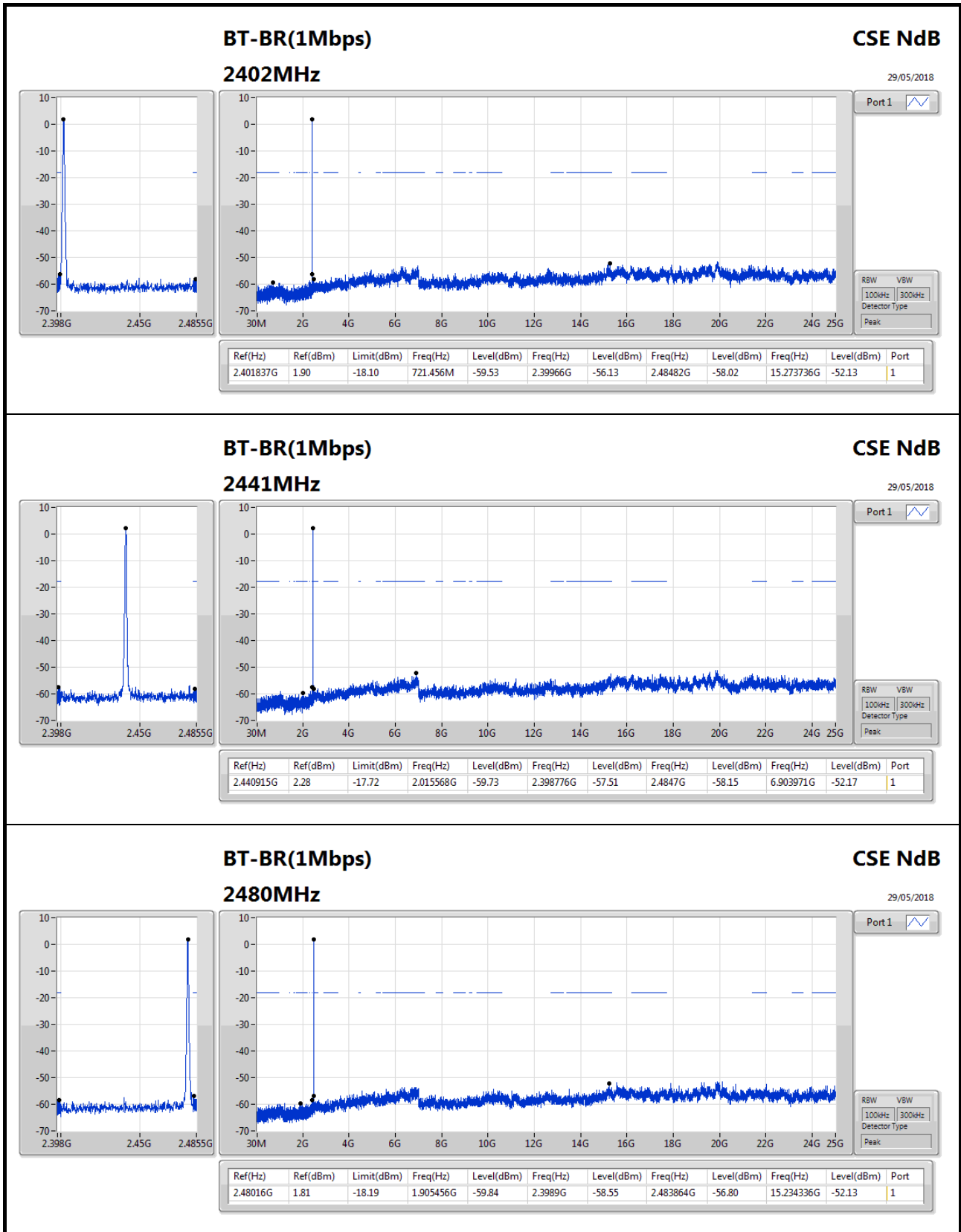


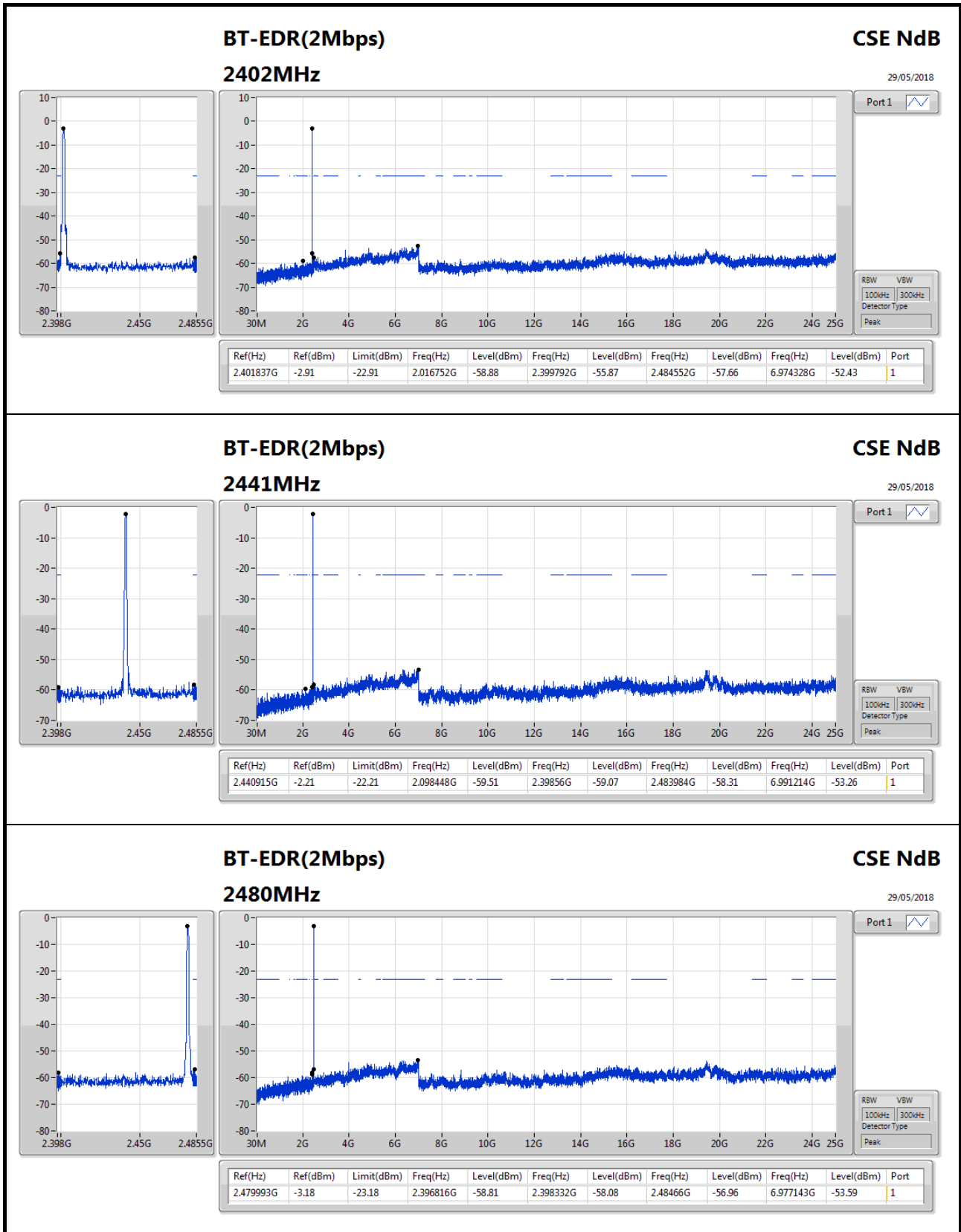
Summary

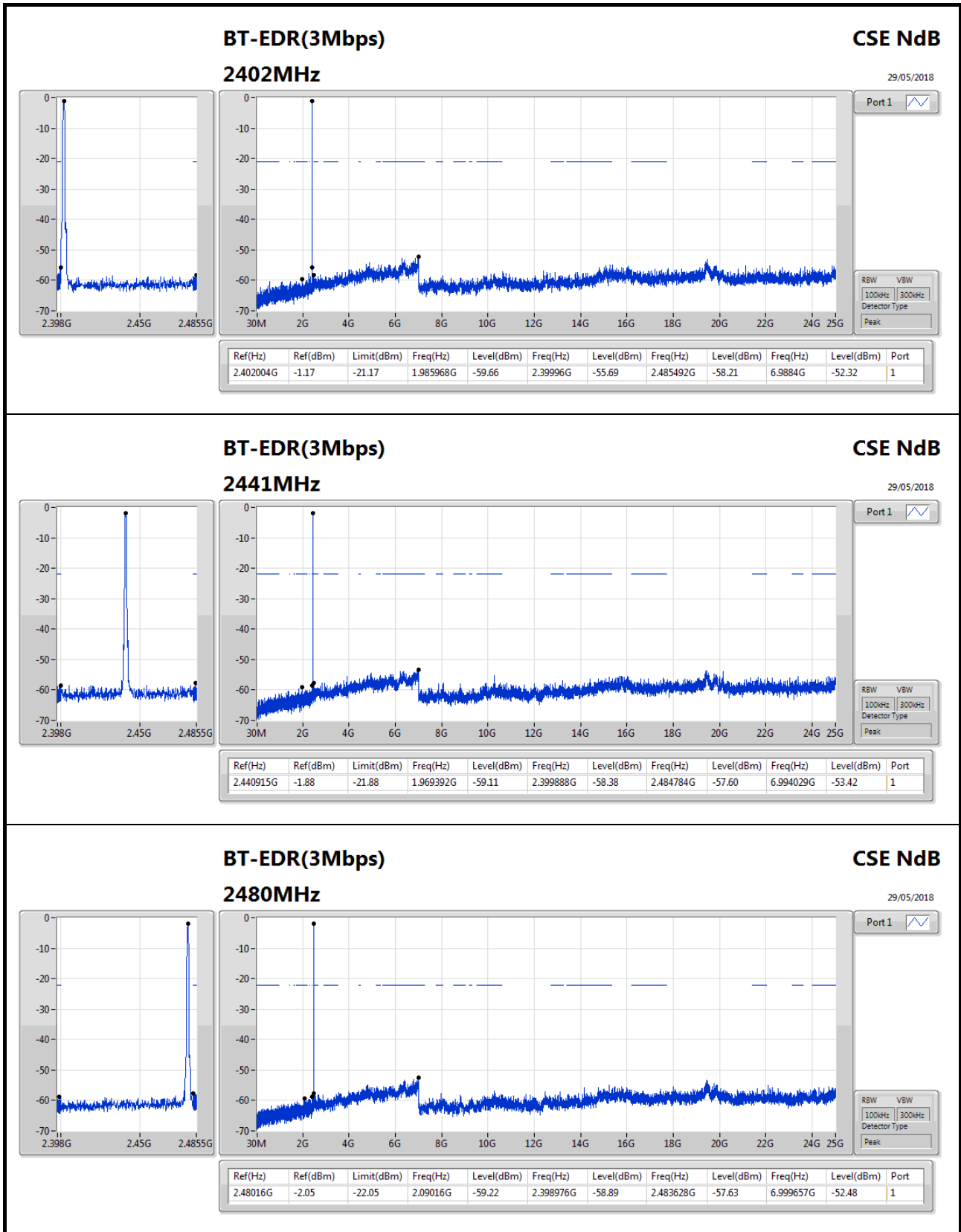
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
BT-BR(1Mbps)	Pass	2.48016G	1.81	-18.19	1.905456G	-59.84	2.3989G	-58.55	2.483864G	-56.80	15.234336G	-52.13	1
BT-EDR(2Mbps)	Pass	2.401837G	-2.91	-22.91	2.016752G	-58.88	2.399792G	-55.87	2.484552G	-57.66	6.974328G	-52.43	1
BT-EDR(3Mbps)	Pass	2.48016G	-2.05	-22.05	2.09016G	-59.22	2.398976G	-58.89	2.483628G	-57.63	6.999657G	-52.48	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	1.90	-18.10	721.456M	-59.53	2.39966G	-56.13	2.48482G	-58.02	15.273736G	-52.13	1
2441MHz_TnomVnom	Pass	2.440915G	2.28	-17.72	2.015568G	-59.73	2.398776G	-57.51	2.4847G	-58.15	6.903971G	-52.17	1
2480MHz_TnomVnom	Pass	2.48016G	1.81	-18.19	1.905456G	-59.84	2.3989G	-58.55	2.483864G	-56.80	15.234336G	-52.13	1
BT-EDR(2Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	2.401837G	-2.91	-22.91	2.016752G	-58.88	2.399792G	-55.87	2.484552G	-57.66	6.974328G	-52.43	1
2441MHz_TnomVnom	Pass	2.440915G	-2.21	-22.21	2.098448G	-59.51	2.39856G	-59.07	2.483984G	-58.31	6.991214G	-53.26	1
2480MHz_TnomVnom	Pass	2.479993G	-3.18	-23.18	2.396816G	-58.81	2.398332G	-58.08	2.48466G	-56.96	6.977143G	-53.59	1
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	2.402004G	-1.17	-21.17	1.985968G	-59.66	2.39996G	-55.69	2.485492G	-58.21	6.9884G	-52.32	1
2441MHz_TnomVnom	Pass	2.440915G	-1.88	-21.88	1.969392G	-59.11	2.399888G	-58.38	2.484784G	-57.60	6.994029G	-53.42	1
2480MHz_TnomVnom	Pass	2.48016G	-2.05	-22.05	2.09016G	-59.22	2.398976G	-58.89	2.483628G	-57.63	6.999657G	-52.48	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)	Pass	PK	41.64M	36.00	40.00	-4.00	-19.22	3	Vertical	360	1.00	-



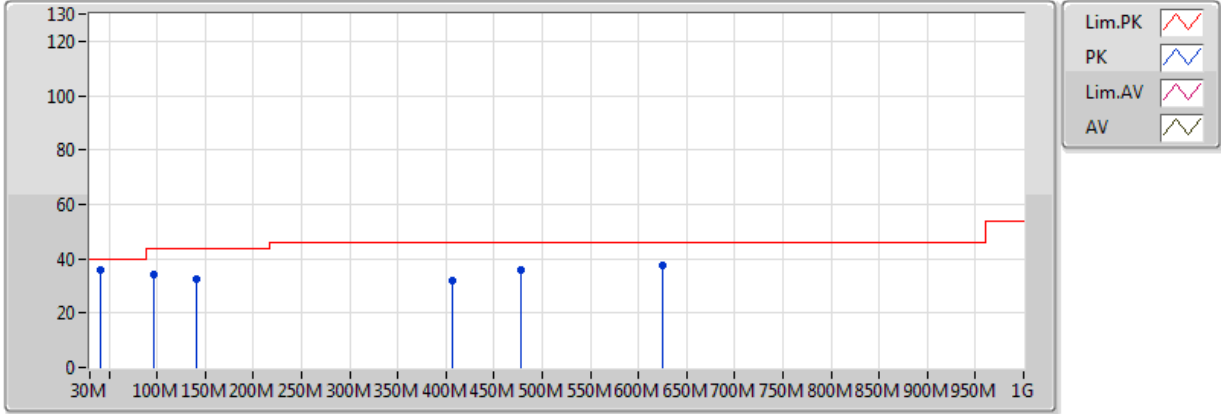
Result

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)	-	-	-	-	-	-	-	-	-	-	-	-
2441MHz	Pass	PK	41.64M	36.00	40.00	-4.00	-19.22	3	Vertical	360	1.00	-
2441MHz	Pass	PK	95.96M	34.10	43.50	-9.40	-21.63	3	Vertical	360	1.00	-
2441MHz	Pass	PK	140.58M	32.75	43.50	-10.75	-19.27	3	Vertical	360	1.00	-
2441MHz	Pass	PK	406.36M	32.12	46.00	-13.88	-13.77	3	Vertical	360	1.00	-
2441MHz	Pass	PK	478.14M	36.13	46.00	-9.87	-12.41	3	Vertical	360	1.00	-
2441MHz	Pass	PK	625.58M	37.82	46.00	-8.18	-10.19	3	Vertical	360	1.00	-
2441MHz	Pass	PK	39.7M	20.60	40.00	-19.40	-18.19	3	Horizontal	0	1.00	-
2441MHz	Pass	PK	142.52M	31.90	43.50	-11.60	-19.31	3	Horizontal	0	1.00	-
2441MHz	Pass	PK	237.58M	33.15	46.00	-12.85	-18.92	3	Horizontal	0	1.00	-
2441MHz	Pass	PK	404.42M	31.17	46.00	-14.83	-13.85	3	Horizontal	0	1.00	-
2441MHz	Pass	PK	509.18M	34.95	46.00	-11.05	-12.12	3	Horizontal	0	1.00	-
2441MHz	Pass	PK	582.9M	31.30	46.00	-14.70	-11.00	3	Horizontal	0	1.00	-

BT-BR(1Mbps)

2441MHz_Adapter mode

21/05/2018

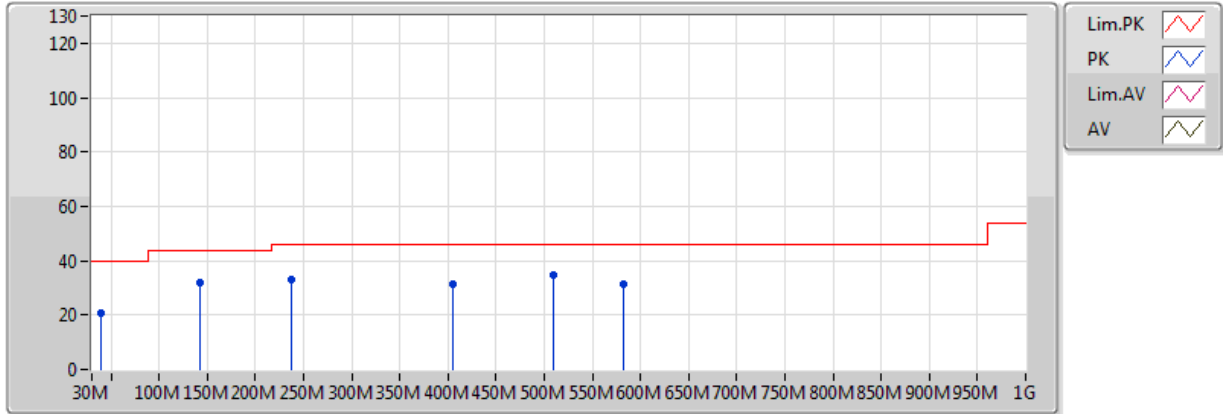


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	41.64M	36.00	40.00	-4.00	-19.22	3	Vertical	360	1.00	-
PK	95.96M	34.10	43.50	-9.40	-21.63	3	Vertical	360	1.00	-
PK	140.58M	32.75	43.50	-10.75	-19.27	3	Vertical	360	1.00	-
PK	406.36M	32.12	46.00	-13.88	-13.77	3	Vertical	360	1.00	-
PK	478.14M	36.13	46.00	-9.87	-12.41	3	Vertical	360	1.00	-
PK	625.58M	37.82	46.00	-8.18	-10.19	3	Vertical	360	1.00	-

BT-BR(1Mbps)

2441MHz_Adapter mode

21/05/2018



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	39.7M	20.60	40.00	-19.40	-18.19	3	Horizontal	0	1.00	-
PK	142.52M	31.90	43.50	-11.60	-19.31	3	Horizontal	0	1.00	-
PK	237.58M	33.15	46.00	-12.85	-18.92	3	Horizontal	0	1.00	-
PK	404.42M	31.17	46.00	-14.83	-13.85	3	Horizontal	0	1.00	-
PK	509.18M	34.95	46.00	-11.05	-12.12	3	Horizontal	0	1.00	-
PK	582.9M	31.30	46.00	-14.70	-11.00	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)	Pass	AV	2.483502G	46.87	54.00	-7.13	31.21	3	Horizontal	134	1.34	-
BT-EDR(2Mbps)	Pass	AV	2.483502G	43.84	54.00	-10.16	31.11	3	Horizontal	150	1.45	-
BT-EDR(3Mbps)	Pass	AV	2.483502G	43.99	54.00	-10.01	31.11	3	Horizontal	148	1.46	-



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)	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.3564G	45.89	54.00	-8.11	30.81	3	Vertical	227	2.90	-
2402MHz	Pass	AV	2.402G	99.95	Inf	-Inf	30.95	3	Vertical	227	2.90	-
2402MHz	Pass	PK	2.355G	57.59	74.00	-16.41	30.80	3	Vertical	227	2.90	-
2402MHz	Pass	PK	2.4022G	100.42	Inf	-Inf	30.95	3	Vertical	227	2.90	-
2402MHz	Pass	AV	2.3614G	46.16	54.00	-7.84	30.82	3	Horizontal	133	1.50	-
2402MHz	Pass	AV	2.402G	105.78	Inf	-Inf	30.95	3	Horizontal	133	1.50	-
2402MHz	Pass	PK	2.3708G	57.51	74.00	-16.49	30.85	3	Horizontal	133	1.50	-
2402MHz	Pass	PK	2.4022G	106.26	Inf	-Inf	30.95	3	Horizontal	133	1.50	-
2402MHz	Pass	AV	3.843148G	37.63	54.00	-16.37	-0.47	3	Vertical	72	2.63	-
2402MHz	Pass	AV	4.80412G	30.14	54.00	-23.86	2.04	3	Vertical	105	1.12	-
2402MHz	Pass	PK	3.843148G	47.03	74.00	-26.97	-0.47	3	Vertical	72	2.63	-
2402MHz	Pass	PK	4.81114G	44.45	74.00	-29.55	2.06	3	Vertical	105	1.12	-
2402MHz	Pass	AV	3.843124G	43.83	54.00	-10.17	-0.47	3	Horizontal	147	1.21	-
2402MHz	Pass	AV	4.80364G	30.57	54.00	-23.43	2.04	3	Horizontal	49	2.64	-
2402MHz	Pass	PK	3.843148G	51.08	74.00	-22.92	-0.47	3	Horizontal	147	1.21	-
2402MHz	Pass	PK	4.80766G	43.33	74.00	-30.67	2.05	3	Horizontal	49	2.64	-
2441MHz	Pass	AV	2.3426G	45.90	54.00	-8.10	30.76	3	Vertical	225	3.09	-
2441MHz	Pass	AV	2.441G	99.69	Inf	-Inf	31.07	3	Vertical	225	3.09	-
2441MHz	Pass	AV	2.4982G	46.64	54.00	-7.36	31.26	3	Vertical	225	3.09	-
2441MHz	Pass	PK	2.3486G	57.37	74.00	-16.63	30.78	3	Vertical	225	3.09	-
2441MHz	Pass	PK	2.441G	100.56	Inf	-Inf	31.07	3	Vertical	225	3.09	-
2441MHz	Pass	PK	2.4954G	58.19	74.00	-15.81	31.25	3	Vertical	225	3.09	-
2441MHz	Pass	AV	2.3418G	45.90	54.00	-8.10	30.76	3	Horizontal	133	1.50	-
2441MHz	Pass	AV	2.441G	105.60	Inf	-Inf	31.07	3	Horizontal	133	1.50	-
2441MHz	Pass	AV	2.4982G	46.64	54.00	-7.36	31.26	3	Horizontal	133	1.50	-
2441MHz	Pass	PK	2.3458G	57.84	74.00	-16.16	30.78	3	Horizontal	133	1.50	-
2441MHz	Pass	PK	2.441G	106.40	Inf	-Inf	31.07	3	Horizontal	133	1.50	-
2441MHz	Pass	PK	2.4926G	58.24	74.00	-15.76	31.23	3	Horizontal	133	1.50	-
2441MHz	Pass	AV	3.905542G	37.50	54.00	-16.50	-0.33	3	Vertical	76	2.97	-
2441MHz	Pass	AV	4.88236G	30.02	54.00	-23.98	2.21	3	Vertical	185	1.74	-
2441MHz	Pass	PK	3.905478G	47.47	74.00	-26.53	-0.33	3	Vertical	76	2.97	-
2441MHz	Pass	PK	4.88872G	44.78	74.00	-29.22	2.22	3	Vertical	185	1.74	-
2441MHz	Pass	AV	3.905514G	44.13	54.00	-9.87	-0.33	3	Horizontal	160	1.16	-
2441MHz	Pass	AV	4.88194G	30.35	54.00	-23.65	2.21	3	Horizontal	179	1.62	-
2441MHz	Pass	PK	3.905518G	52.87	74.00	-21.13	-0.33	3	Horizontal	160	1.16	-
2441MHz	Pass	PK	4.87438G	42.85	74.00	-31.15	2.19	3	Horizontal	179	1.62	-
2480MHz	Pass	AV	2.48G	96.70	Inf	-Inf	31.20	3	Vertical	253	3.09	-
2480MHz	Pass	AV	2.4986G	46.64	54.00	-7.36	31.26	3	Vertical	253	3.09	-
2480MHz	Pass	PK	2.4798G	97.26	Inf	-Inf	31.20	3	Vertical	253	3.09	-
2480MHz	Pass	PK	2.4896G	58.97	74.00	-15.03	31.23	3	Vertical	253	3.09	-
2480MHz	Pass	AV	2.48G	105.61	Inf	-Inf	31.20	3	Horizontal	134	1.34	-
2480MHz	Pass	AV	2.483502G	46.87	54.00	-7.13	31.21	3	Horizontal	134	1.34	-
2480MHz	Pass	PK	2.4798G	106.13	Inf	-Inf	31.20	3	Horizontal	134	1.34	-
2480MHz	Pass	PK	2.4836G	59.35	74.00	-14.65	31.21	3	Horizontal	134	1.34	-
2480MHz	Pass	AV	3.96796G	35.40	54.00	-18.60	-0.18	3	Vertical	1	1.80	-
2480MHz	Pass	AV	4.96048G	29.77	54.00	-24.23	2.38	3	Vertical	12	1.25	-
2480MHz	Pass	PK	3.96792G	46.81	74.00	-27.19	-0.18	3	Vertical	1	1.80	-



RSE TX above 1GHz Result

Appendix G.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2480MHz	Pass	PK	4.9483G	43.42	74.00	-30.58	2.36	3	Vertical	12	1.25	-
2480MHz	Pass	AV	3.967984G	43.98	54.00	-10.02	-0.18	3	Horizontal	160	1.12	-
2480MHz	Pass	AV	4.96048G	30.13	54.00	-23.87	2.38	3	Horizontal	192	1.47	-
2480MHz	Pass	PK	3.968008G	53.13	74.00	-20.87	-0.18	3	Horizontal	160	1.12	-
2480MHz	Pass	PK	4.9654G	43.40	74.00	-30.60	2.39	3	Horizontal	192	1.47	-
BT-EDR(2Mbps)	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.3898G	42.81	54.00	-11.19	30.77	3	Vertical	217	2.39	-
2402MHz	Pass	AV	2.402G	95.44	Inf	-Inf	30.82	3	Vertical	217	2.39	-
2402MHz	Pass	PK	2.3866G	55.44	74.00	-18.56	30.76	3	Vertical	217	2.39	-
2402MHz	Pass	PK	2.4018G	99.32	Inf	-Inf	30.82	3	Vertical	217	2.39	-
2402MHz	Pass	AV	2.3618G	42.96	54.00	-11.04	30.67	3	Horizontal	151	1.55	-
2402MHz	Pass	AV	2.402G	101.33	Inf	-Inf	30.82	3	Horizontal	151	1.55	-
2402MHz	Pass	PK	2.377G	56.11	74.00	-17.89	30.73	3	Horizontal	151	1.55	-
2402MHz	Pass	PK	2.4022G	105.43	Inf	-Inf	30.82	3	Horizontal	151	1.55	-
2441MHz	Pass	AV	2.3874G	42.73	54.00	-11.27	30.76	3	Vertical	216	2.59	-
2441MHz	Pass	AV	2.441G	96.89	Inf	-Inf	30.96	3	Vertical	216	2.59	-
2441MHz	Pass	AV	2.4986G	43.57	54.00	-10.43	31.17	3	Vertical	216	2.59	-
2441MHz	Pass	PK	2.3706G	55.77	74.00	-18.23	30.71	3	Vertical	216	2.59	-
2441MHz	Pass	PK	2.441G	100.91	Inf	-Inf	30.96	3	Vertical	216	2.59	-
2441MHz	Pass	PK	2.4874G	57.01	74.00	-16.99	31.12	3	Vertical	216	2.59	-
2441MHz	Pass	AV	2.3614G	42.77	54.00	-11.23	30.67	3	Horizontal	151	1.27	-
2441MHz	Pass	AV	2.441G	101.62	Inf	-Inf	30.96	3	Horizontal	151	1.27	-
2441MHz	Pass	AV	2.4974G	43.62	54.00	-10.38	31.16	3	Horizontal	151	1.27	-
2441MHz	Pass	PK	2.3502G	55.53	74.00	-18.47	30.64	3	Horizontal	151	1.27	-
2441MHz	Pass	PK	2.441G	105.74	Inf	-Inf	30.96	3	Horizontal	151	1.27	-
2441MHz	Pass	PK	2.4914G	56.57	74.00	-17.43	31.14	3	Horizontal	151	1.27	-
2480MHz	Pass	AV	2.48G	96.02	Inf	-Inf	31.10	3	Vertical	213	2.82	-
2480MHz	Pass	AV	2.492G	43.55	54.00	-10.45	31.14	3	Vertical	213	2.82	-
2480MHz	Pass	PK	2.4798G	100.09	Inf	-Inf	31.10	3	Vertical	213	2.82	-
2480MHz	Pass	PK	2.4868G	56.72	74.00	-17.28	31.12	3	Vertical	213	2.82	-
2480MHz	Pass	AV	2.48G	101.04	Inf	-Inf	31.10	3	Horizontal	150	1.45	-
2480MHz	Pass	AV	2.483502G	43.84	54.00	-10.16	31.11	3	Horizontal	150	1.45	-
2480MHz	Pass	PK	2.4802G	105.06	Inf	-Inf	31.10	3	Horizontal	150	1.45	-
2480MHz	Pass	PK	2.4998G	56.30	74.00	-17.70	31.17	3	Horizontal	150	1.45	-
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.379G	42.72	54.00	-11.28	30.74	3	Vertical	170	2.96	-
2402MHz	Pass	AV	2.402G	93.58	Inf	-Inf	30.82	3	Vertical	170	2.96	-
2402MHz	Pass	PK	2.357G	56.97	74.00	-17.03	30.66	3	Vertical	170	2.96	-
2402MHz	Pass	PK	2.402G	97.78	Inf	-Inf	30.82	3	Vertical	170	2.96	-
2402MHz	Pass	AV	2.3618G	42.88	54.00	-11.12	30.67	3	Horizontal	148	1.56	-
2402MHz	Pass	AV	2.402G	101.35	Inf	-Inf	30.82	3	Horizontal	148	1.56	-
2402MHz	Pass	PK	2.3754G	55.84	74.00	-18.16	30.72	3	Horizontal	148	1.56	-
2402MHz	Pass	PK	2.402G	105.60	Inf	-Inf	30.82	3	Horizontal	148	1.56	-
2441MHz	Pass	AV	2.3762G	42.71	54.00	-11.29	30.72	3	Vertical	212	2.59	-
2441MHz	Pass	AV	2.441G	96.85	Inf	-Inf	30.96	3	Vertical	212	2.59	-
2441MHz	Pass	AV	2.493G	43.45	54.00	-10.55	31.14	3	Vertical	212	2.59	-
2441MHz	Pass	PK	2.3466G	56.39	74.00	-17.61	30.62	3	Vertical	212	2.59	-
2441MHz	Pass	PK	2.441G	101.11	Inf	-Inf	30.96	3	Vertical	212	2.59	-
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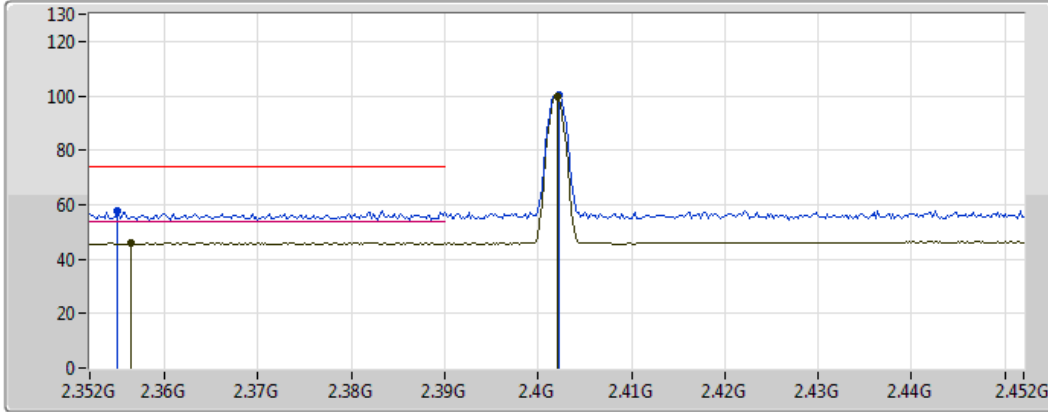


Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2441MHz	Pass	AV	2.3822G	42.76	54.00	-11.24	30.75	3	Horizontal	150	1.47	-
2441MHz	Pass	AV	2.441G	101.23	Inf	-Inf	30.96	3	Horizontal	150	1.47	-
2441MHz	Pass	AV	2.4982G	43.49	54.00	-10.51	31.16	3	Horizontal	150	1.47	-
2441MHz	Pass	PK	2.3482G	55.76	74.00	-18.24	30.62	3	Horizontal	150	1.47	-
2441MHz	Pass	PK	2.441G	105.64	Inf	-Inf	30.96	3	Horizontal	150	1.47	-
2441MHz	Pass	PK	2.4898G	56.22	74.00	-17.78	31.13	3	Horizontal	150	1.47	-
2480MHz	Pass	AV	2.48G	95.81	Inf	-Inf	31.10	3	Vertical	210	2.83	-
2480MHz	Pass	AV	2.4842G	43.60	54.00	-10.40	31.12	3	Vertical	210	2.83	-
2480MHz	Pass	PK	2.48G	100.09	Inf	-Inf	31.10	3	Vertical	210	2.83	-
2480MHz	Pass	PK	2.487G	56.45	74.00	-17.55	31.12	3	Vertical	210	2.83	-
2480MHz	Pass	AV	2.48G	100.89	Inf	-Inf	31.10	3	Horizontal	148	1.46	-
2480MHz	Pass	AV	2.483502G	43.99	54.00	-10.01	31.11	3	Horizontal	148	1.46	-
2480MHz	Pass	PK	2.48G	105.13	Inf	-Inf	31.10	3	Horizontal	148	1.46	-
2480MHz	Pass	PK	2.496G	56.75	74.00	-17.25	31.16	3	Horizontal	148	1.46	-

BT-BR(1Mbps)

2402MHz_TX

18/05/2018

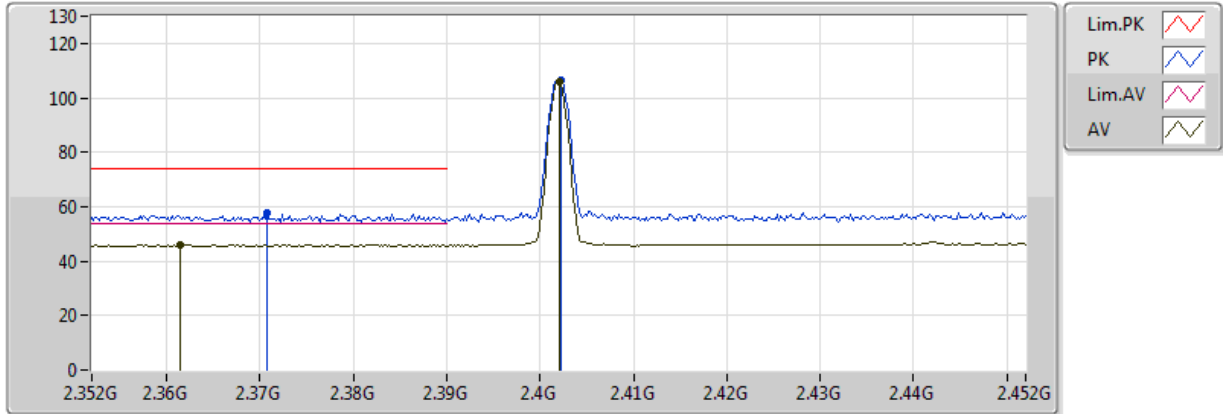


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3564G	45.89	54.00	-8.11	30.81	3	Vertical	227	2.90	-
AV	2.402G	99.95	Inf	-Inf	30.95	3	Vertical	227	2.90	-
PK	2.355G	57.59	74.00	-16.41	30.80	3	Vertical	227	2.90	-
PK	2.4022G	100.42	Inf	-Inf	30.95	3	Vertical	227	2.90	-

BT-BR(1Mbps)

2402MHz_TX

18/05/2018

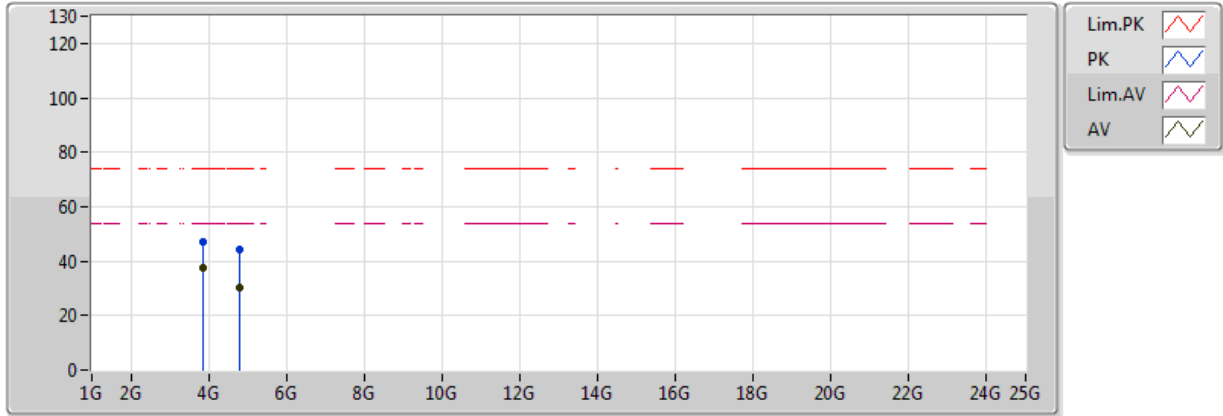


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3614G	46.16	54.00	-7.84	30.82	3	Horizontal	133	1.50	-
AV	2.402G	105.78	Inf	-Inf	30.95	3	Horizontal	133	1.50	-
PK	2.3708G	57.51	74.00	-16.49	30.85	3	Horizontal	133	1.50	-
PK	2.4022G	106.26	Inf	-Inf	30.95	3	Horizontal	133	1.50	-

BT-BR(1Mbps)

2402MHz_TX

18/05/2018

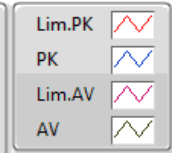
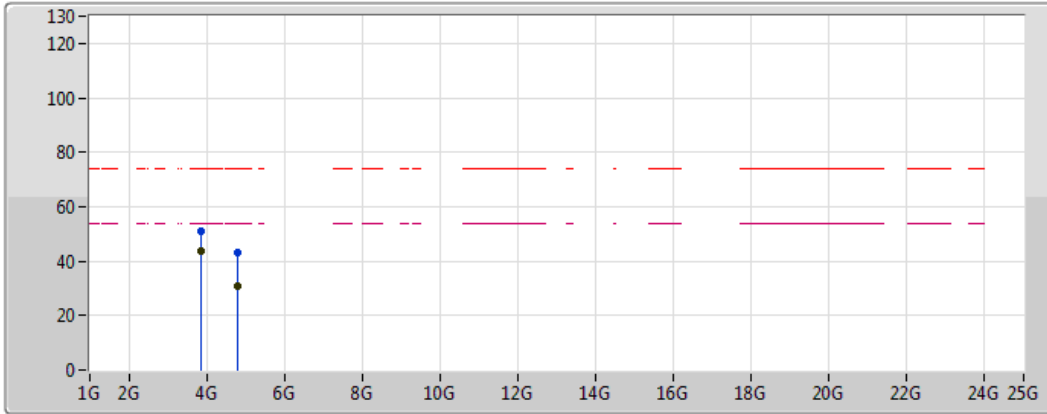


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	3.843148G	37.63	54.00	-16.37	-0.47	3	Vertical	72	2.63	-
AV	4.80412G	30.14	54.00	-23.86	2.04	3	Vertical	105	1.12	-
PK	3.843148G	47.03	74.00	-26.97	-0.47	3	Vertical	72	2.63	-
PK	4.81114G	44.45	74.00	-29.55	2.06	3	Vertical	105	1.12	-

BT-BR(1Mbps)

2402MHz_TX

18/05/2018

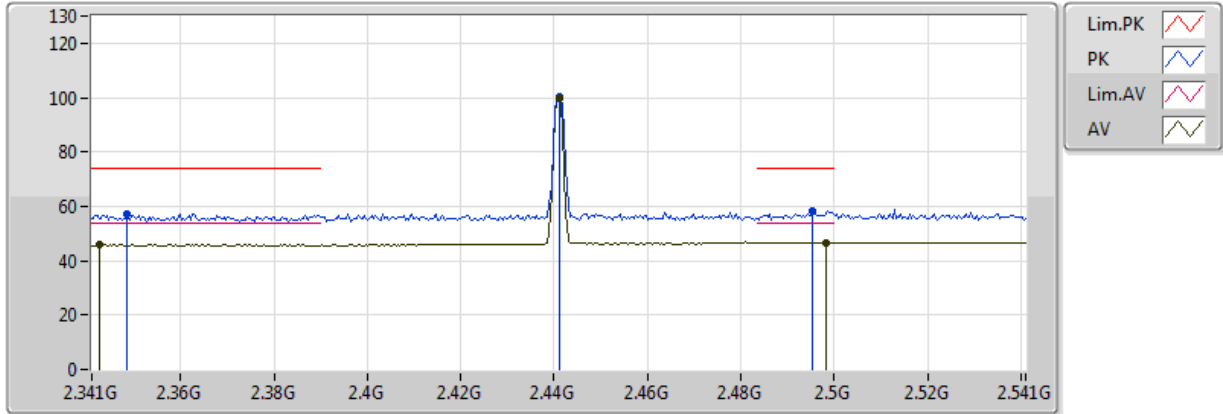


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	3.843124G	43.83	54.00	-10.17	-0.47	3	Horizontal	147	1.21	-
AV	4.80364G	30.57	54.00	-23.43	2.04	3	Horizontal	49	2.64	-
PK	3.843148G	51.08	74.00	-22.92	-0.47	3	Horizontal	147	1.21	-
PK	4.80766G	43.33	74.00	-30.67	2.05	3	Horizontal	49	2.64	-

BT-BR(1Mbps)

2441MHz_TX

18/05/2018

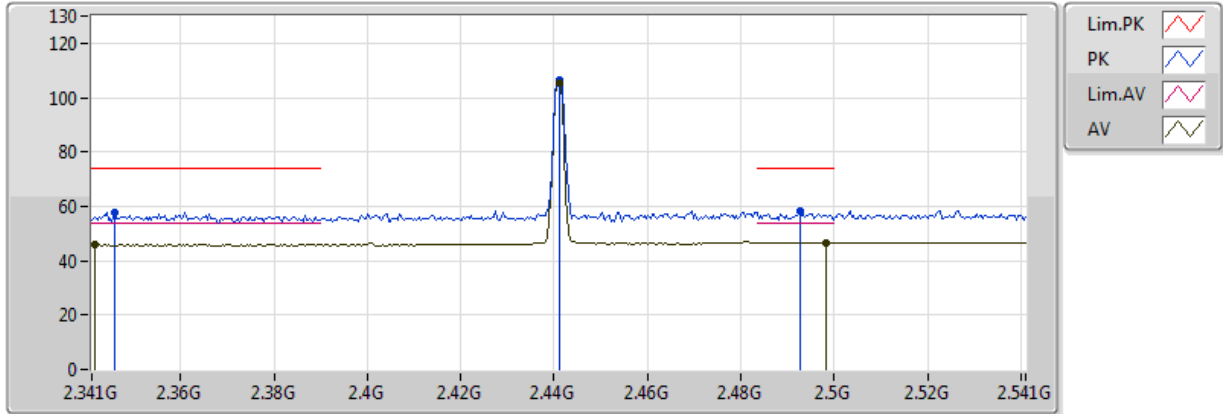


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3426G	45.90	54.00	-8.10	30.76	3	Vertical	225	3.09	-
AV	2.441G	99.69	Inf	-Inf	31.07	3	Vertical	225	3.09	-
AV	2.4982G	46.64	54.00	-7.36	31.26	3	Vertical	225	3.09	-
PK	2.3486G	57.37	74.00	-16.63	30.78	3	Vertical	225	3.09	-
PK	2.441G	100.56	Inf	-Inf	31.07	3	Vertical	225	3.09	-
PK	2.4954G	58.19	74.00	-15.81	31.25	3	Vertical	225	3.09	-

BT-BR(1Mbps)

2441MHz_TX

18/05/2018

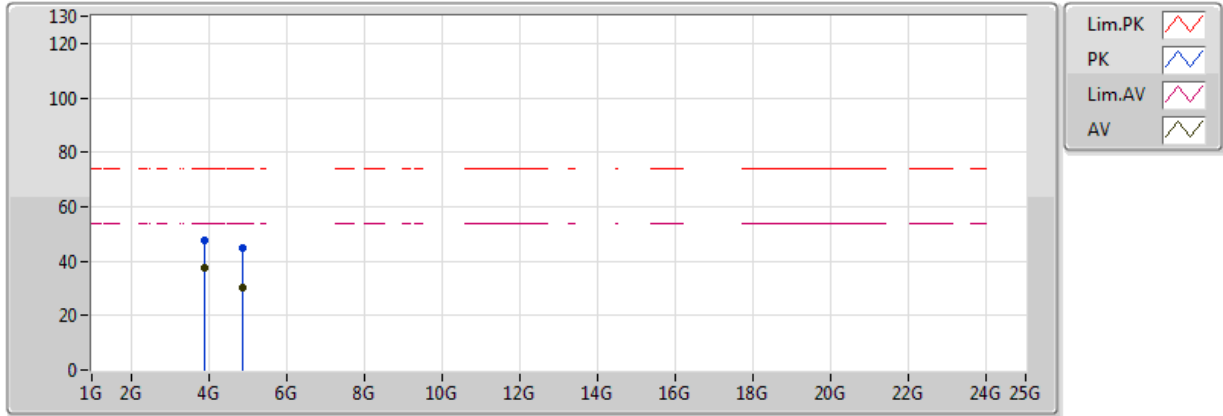


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3418G	45.90	54.00	-8.10	30.76	3	Horizontal	133	1.50	-
AV	2.441G	105.60	Inf	-Inf	31.07	3	Horizontal	133	1.50	-
AV	2.4982G	46.64	54.00	-7.36	31.26	3	Horizontal	133	1.50	-
PK	2.3458G	57.84	74.00	-16.16	30.78	3	Horizontal	133	1.50	-
PK	2.441G	106.40	Inf	-Inf	31.07	3	Horizontal	133	1.50	-
PK	2.4926G	58.24	74.00	-15.76	31.23	3	Horizontal	133	1.50	-

BT-BR(1Mbps)

2441MHz_TX

18/05/2018

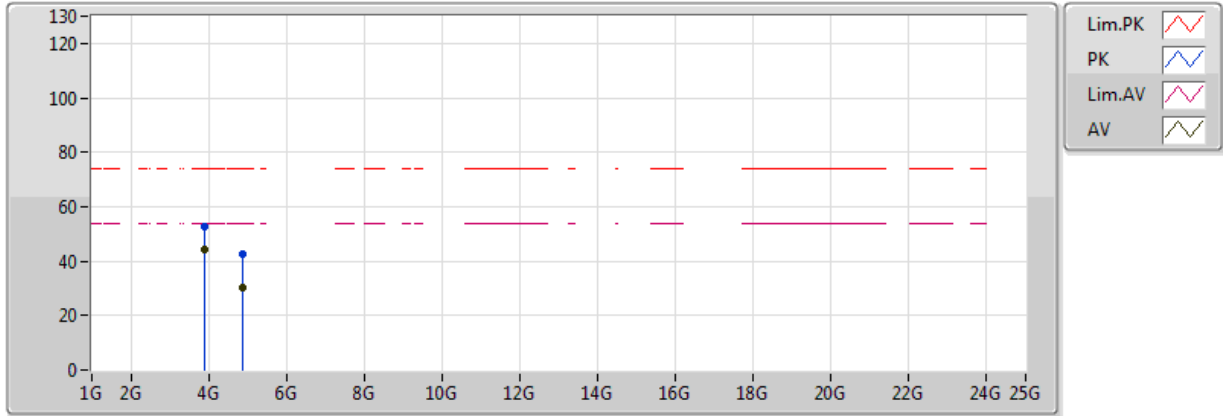


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	3.905542G	37.50	54.00	-16.50	-0.33	3	Vertical	76	2.97	-
AV	4.88236G	30.02	54.00	-23.98	2.21	3	Vertical	185	1.74	-
PK	3.905478G	47.47	74.00	-26.53	-0.33	3	Vertical	76	2.97	-
PK	4.88872G	44.78	74.00	-29.22	2.22	3	Vertical	185	1.74	-

BT-BR(1Mbps)

2441MHz_TX

18/05/2018

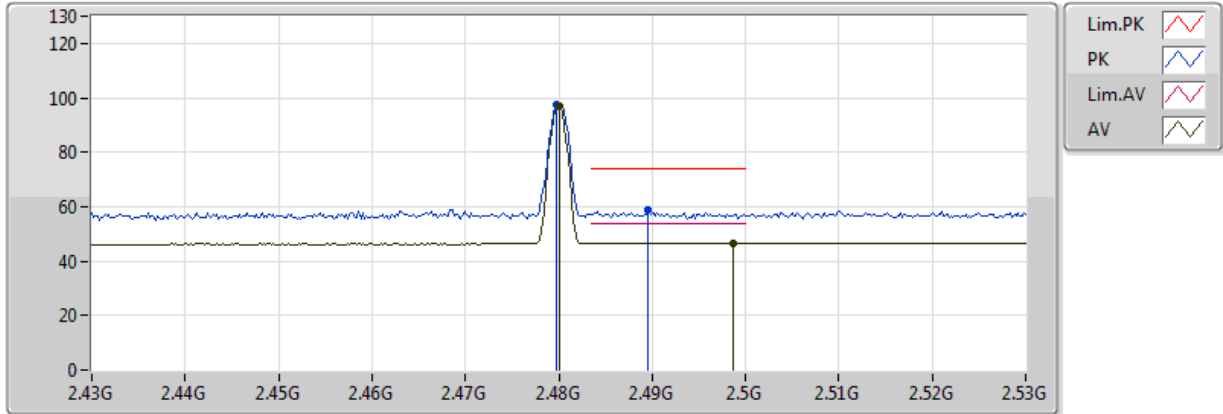


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	3.905514G	44.13	54.00	-9.87	-0.33	3	Horizontal	160	1.16	-
AV	4.88194G	30.35	54.00	-23.65	2.21	3	Horizontal	179	1.62	-
PK	3.905518G	52.87	74.00	-21.13	-0.33	3	Horizontal	160	1.16	-
PK	4.87438G	42.85	74.00	-31.15	2.19	3	Horizontal	179	1.62	-

BT-BR(1Mbps)

2480MHz_TX

18/05/2018

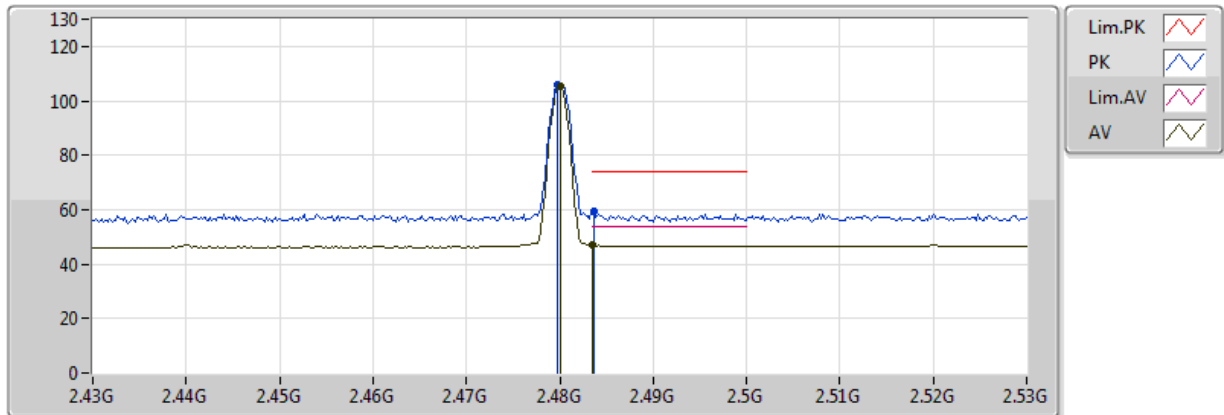


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.48G	96.70	Inf	-Inf	31.20	3	Vertical	253	3.09	-
AV	2.4986G	46.64	54.00	-7.36	31.26	3	Vertical	253	3.09	-
PK	2.4798G	97.26	Inf	-Inf	31.20	3	Vertical	253	3.09	-
PK	2.4896G	58.97	74.00	-15.03	31.23	3	Vertical	253	3.09	-

BT-BR(1Mbps)

2480MHz_TX

18/05/2018

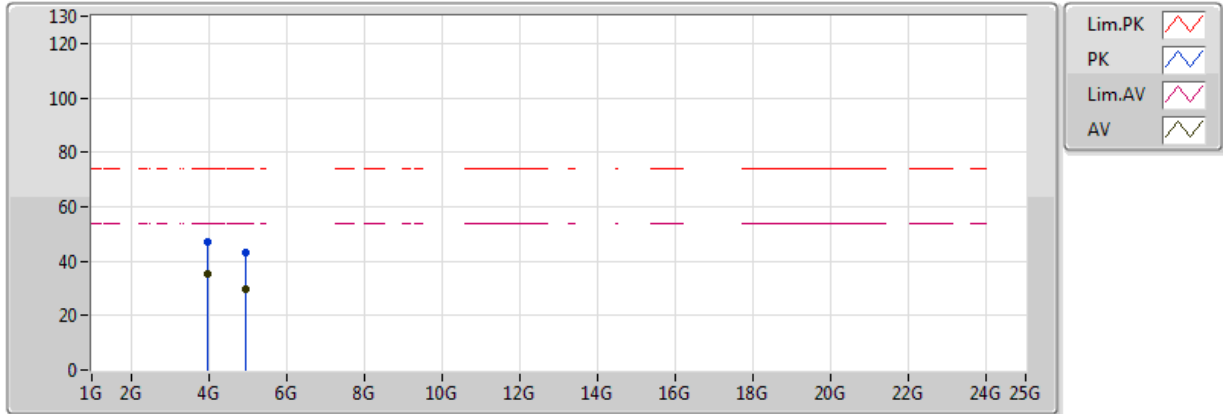


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.48G	105.61	Inf	-Inf	31.20	3	Horizontal	134	1.34	-
AV	2.483502G	46.87	54.00	-7.13	31.21	3	Horizontal	134	1.34	-
PK	2.4798G	106.13	Inf	-Inf	31.20	3	Horizontal	134	1.34	-
PK	2.4836G	59.35	74.00	-14.65	31.21	3	Horizontal	134	1.34	-

BT-BR(1Mbps)

2480MHz_TX

18/05/2018

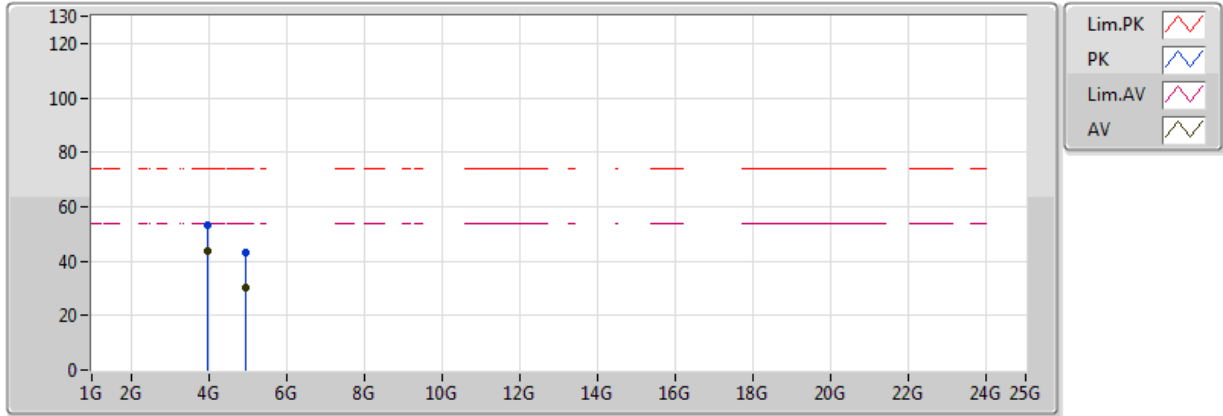


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	3.96796G	35.40	54.00	-18.60	-0.18	3	Vertical	1	1.80	-
AV	4.96048G	29.77	54.00	-24.23	2.38	3	Vertical	12	1.25	-
PK	3.96792G	46.81	74.00	-27.19	-0.18	3	Vertical	1	1.80	-
PK	4.9483G	43.42	74.00	-30.58	2.36	3	Vertical	12	1.25	-

BT-BR(1Mbps)

2480MHz_TX

18/05/2018

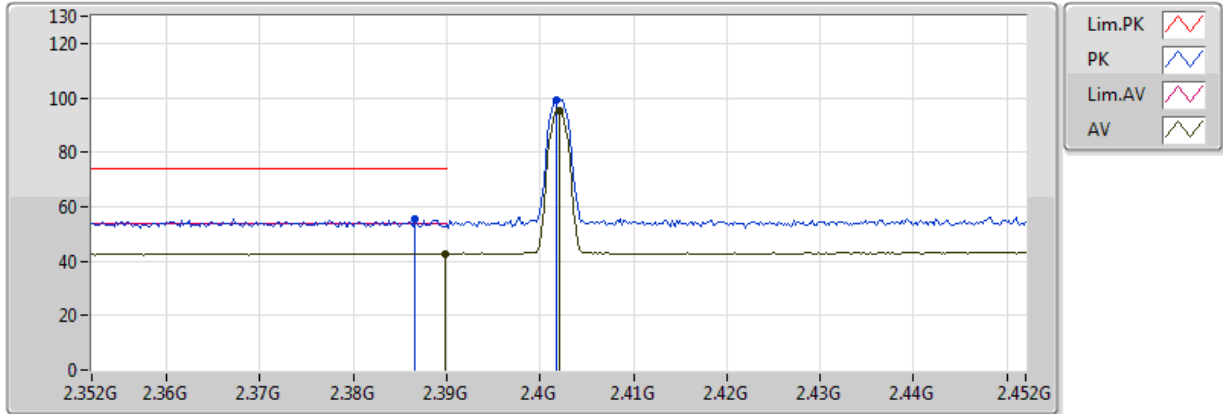


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	3.967984G	43.98	54.00	-10.02	-0.18	3	Horizontal	160	1.12	-
AV	4.96048G	30.13	54.00	-23.87	2.38	3	Horizontal	192	1.47	-
PK	3.968008G	53.13	74.00	-20.87	-0.18	3	Horizontal	160	1.12	-
PK	4.9654G	43.40	74.00	-30.60	2.39	3	Horizontal	192	1.47	-

BT-EDR(2Mbps)

2402MHz_TX

18/05/2018

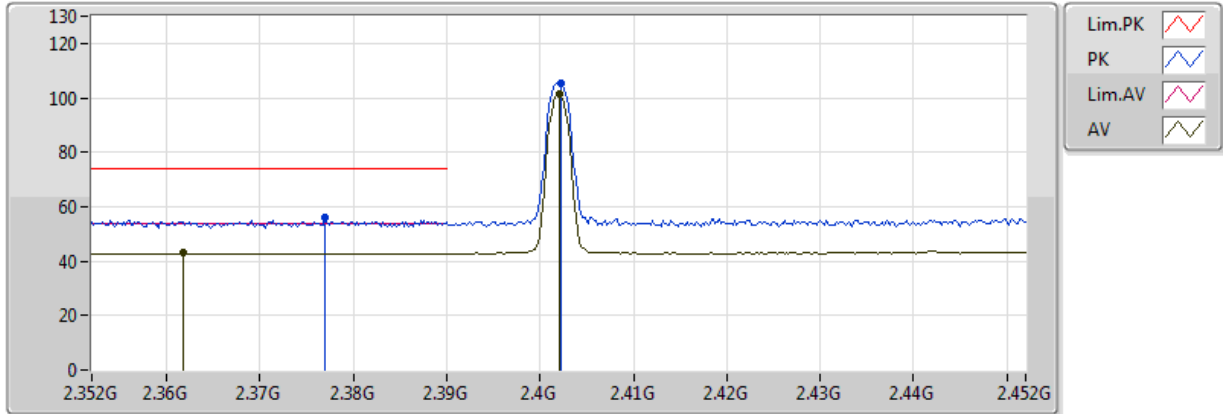


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	42.81	54.00	-11.19	30.77	3	Vertical	217	2.39	-
AV	2.402G	95.44	Inf	-Inf	30.82	3	Vertical	217	2.39	-
PK	2.3866G	55.44	74.00	-18.56	30.76	3	Vertical	217	2.39	-
PK	2.4018G	99.32	Inf	-Inf	30.82	3	Vertical	217	2.39	-

BT-EDR(2Mbps)

2402MHz_TX

18/05/2018

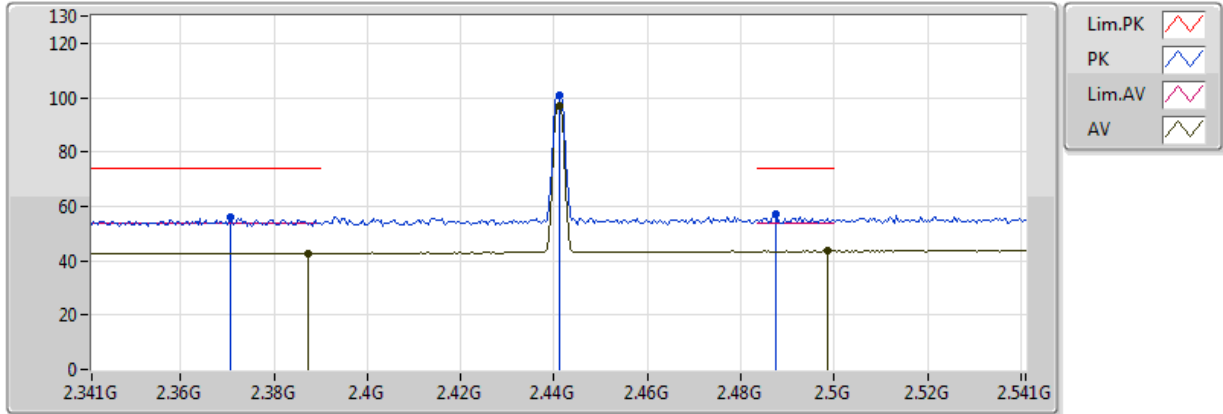


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3618G	42.96	54.00	-11.04	30.67	3	Horizontal	151	1.55	-
AV	2.402G	101.33	Inf	-Inf	30.82	3	Horizontal	151	1.55	-
PK	2.377G	56.11	74.00	-17.89	30.73	3	Horizontal	151	1.55	-
PK	2.4022G	105.43	Inf	-Inf	30.82	3	Horizontal	151	1.55	-

BT-EDR(2Mbps)

2441MHz_TX

18/05/2018

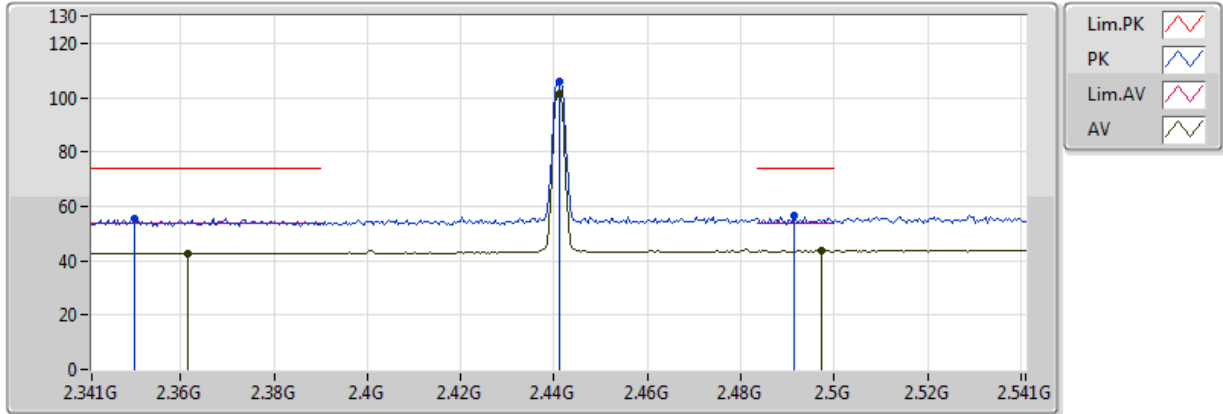


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3874G	42.73	54.00	-11.27	30.76	3	Vertical	216	2.59	-
AV	2.441G	96.89	Inf	-Inf	30.96	3	Vertical	216	2.59	-
AV	2.4986G	43.57	54.00	-10.43	31.17	3	Vertical	216	2.59	-
PK	2.3706G	55.77	74.00	-18.23	30.71	3	Vertical	216	2.59	-
PK	2.441G	100.91	Inf	-Inf	30.96	3	Vertical	216	2.59	-
PK	2.4874G	57.01	74.00	-16.99	31.12	3	Vertical	216	2.59	-

BT-EDR(2Mbps)

2441MHz_TX

18/05/2018

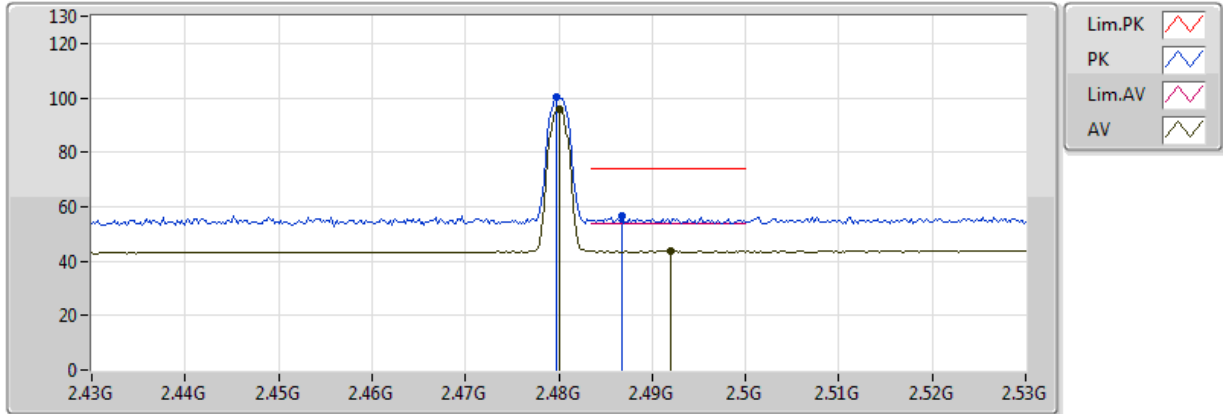


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3614G	42.77	54.00	-11.23	30.67	3	Horizontal	151	1.27	-
AV	2.441G	101.62	Inf	-Inf	30.96	3	Horizontal	151	1.27	-
AV	2.4974G	43.62	54.00	-10.38	31.16	3	Horizontal	151	1.27	-
PK	2.3502G	55.53	74.00	-18.47	30.64	3	Horizontal	151	1.27	-
PK	2.441G	105.74	Inf	-Inf	30.96	3	Horizontal	151	1.27	-
PK	2.4914G	56.57	74.00	-17.43	31.14	3	Horizontal	151	1.27	-

BT-EDR(2Mbps)

2480MHz_TX

18/05/2018

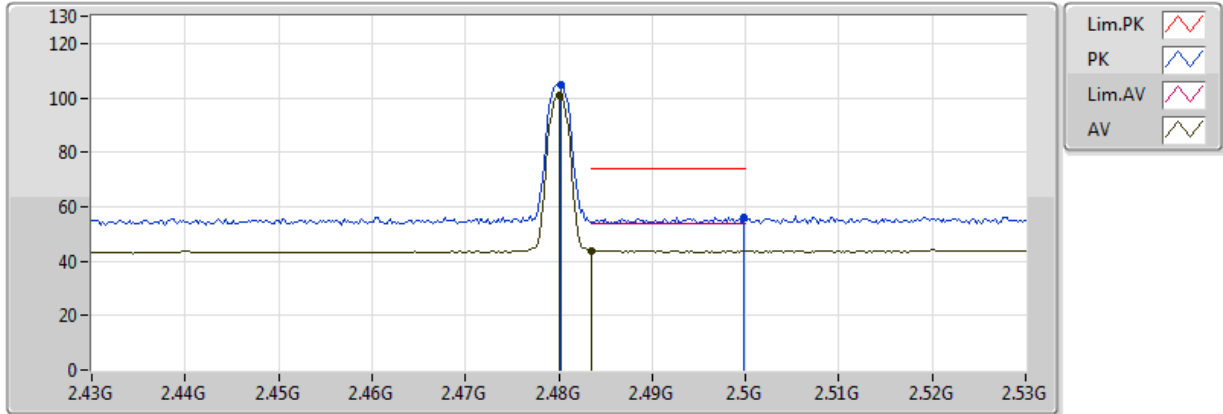


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.48G	96.02	Inf	-Inf	31.10	3	Vertical	213	2.82	-
AV	2.492G	43.55	54.00	-10.45	31.14	3	Vertical	213	2.82	-
PK	2.4798G	100.09	Inf	-Inf	31.10	3	Vertical	213	2.82	-
PK	2.4868G	56.72	74.00	-17.28	31.12	3	Vertical	213	2.82	-

BT-EDR(2Mbps)

2480MHz_TX

18/05/2018

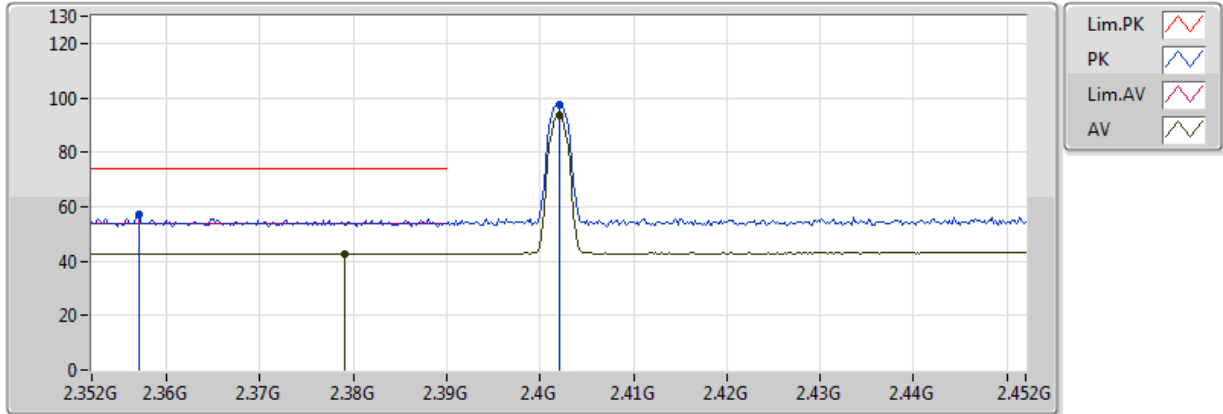


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.48G	101.04	Inf	-Inf	31.10	3	Horizontal	150	1.45	-
AV	2.483502G	43.84	54.00	-10.16	31.11	3	Horizontal	150	1.45	-
PK	2.4802G	105.06	Inf	-Inf	31.10	3	Horizontal	150	1.45	-
PK	2.4998G	56.30	74.00	-17.70	31.17	3	Horizontal	150	1.45	-

BT-EDR(3Mbps)

2402MHz_TX

18/05/2018

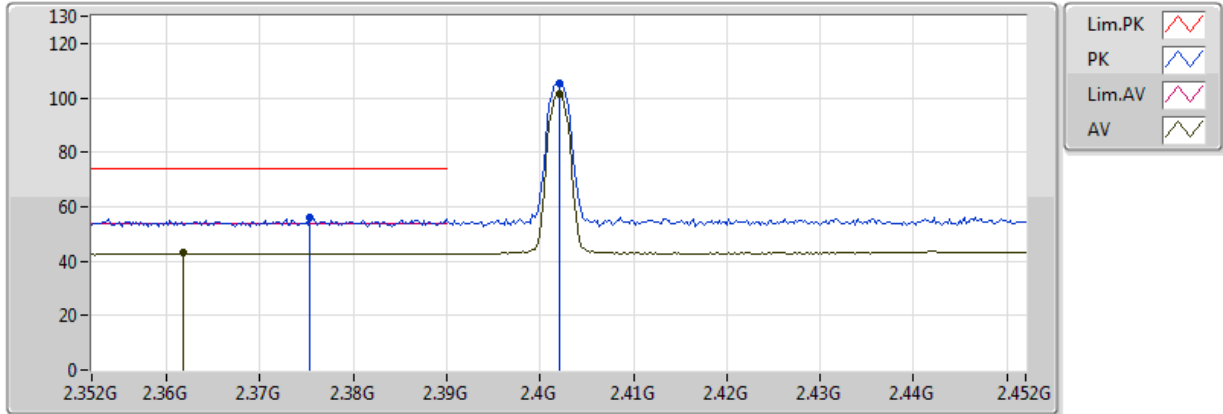


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.379G	42.72	54.00	-11.28	30.74	3	Vertical	170	2.96	-
AV	2.402G	93.58	Inf	-Inf	30.82	3	Vertical	170	2.96	-
PK	2.357G	56.97	74.00	-17.03	30.66	3	Vertical	170	2.96	-
PK	2.402G	97.78	Inf	-Inf	30.82	3	Vertical	170	2.96	-

BT-EDR(3Mbps)

2402MHz_TX

18/05/2018

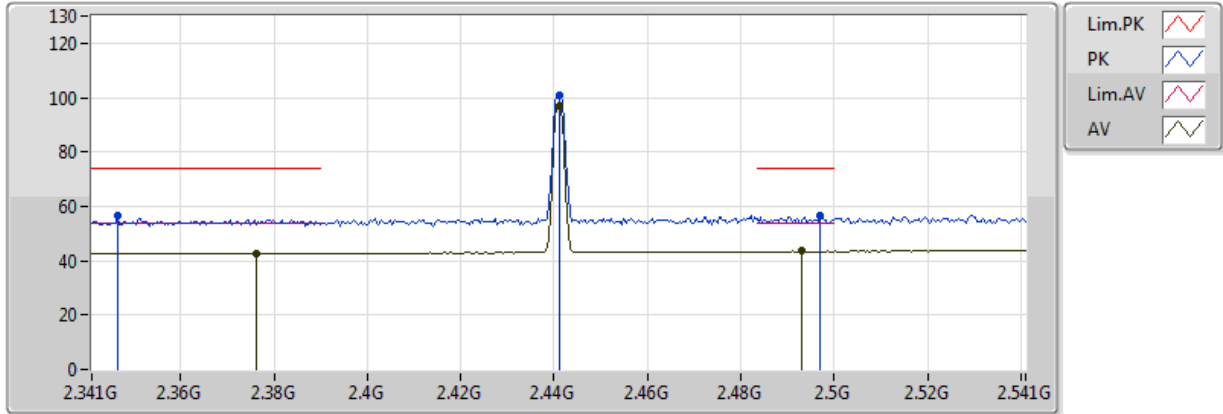


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3618G	42.88	54.00	-11.12	30.67	3	Horizontal	148	1.56	-
AV	2.402G	101.35	Inf	-Inf	30.82	3	Horizontal	148	1.56	-
PK	2.3754G	55.84	74.00	-18.16	30.72	3	Horizontal	148	1.56	-
PK	2.402G	105.60	Inf	-Inf	30.82	3	Horizontal	148	1.56	-

BT-EDR(3Mbps)

2441MHz_TX

18/05/2018

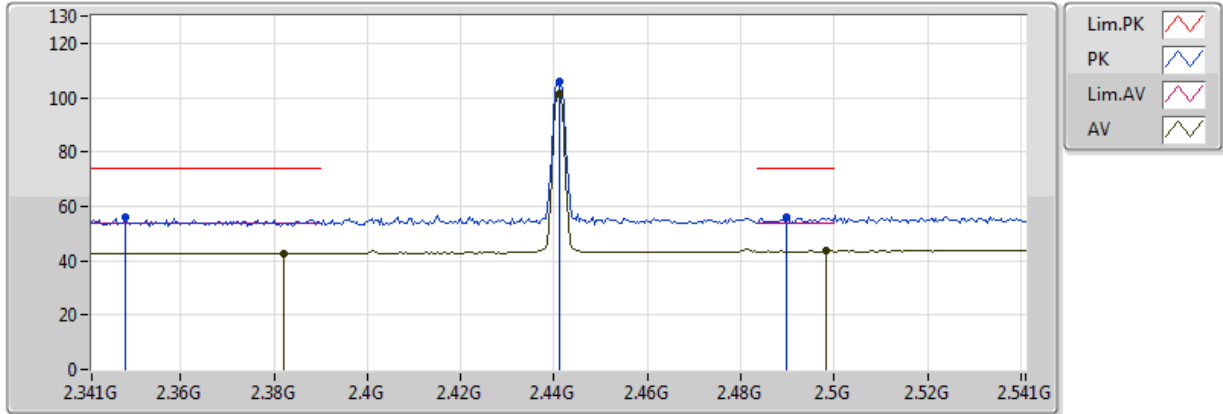


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3762G	42.71	54.00	-11.29	30.72	3	Vertical	212	2.59	-
AV	2.441G	96.85	Inf	-Inf	30.96	3	Vertical	212	2.59	-
AV	2.493G	43.45	54.00	-10.55	31.14	3	Vertical	212	2.59	-
PK	2.3466G	56.39	74.00	-17.61	30.62	3	Vertical	212	2.59	-
PK	2.441G	101.11	Inf	-Inf	30.96	3	Vertical	212	2.59	-
PK	2.497G	56.74	74.00	-17.26	31.16	3	Vertical	212	2.59	-

BT-EDR(3Mbps)

2441MHz_TX

18/05/2018

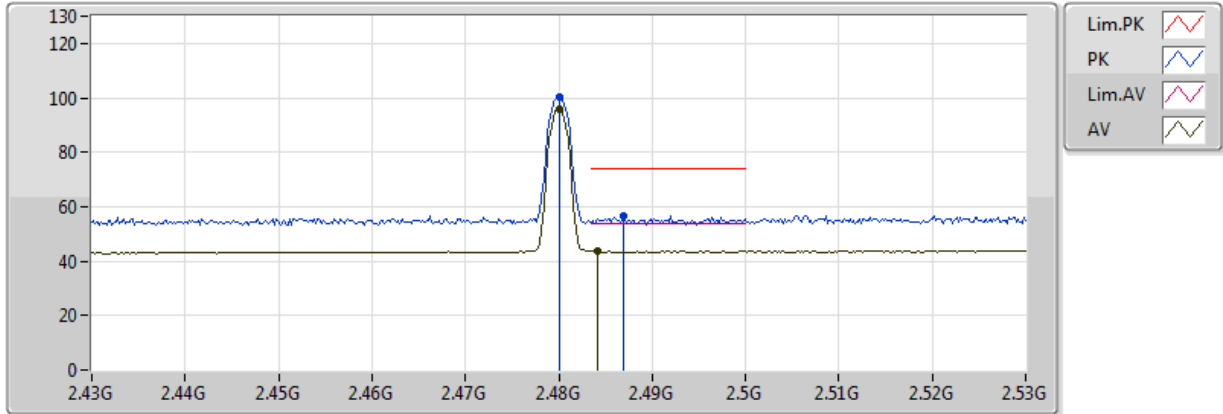


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3822G	42.76	54.00	-11.24	30.75	3	Horizontal	150	1.47	-
AV	2.441G	101.23	Inf	-Inf	30.96	3	Horizontal	150	1.47	-
AV	2.4982G	43.49	54.00	-10.51	31.16	3	Horizontal	150	1.47	-
PK	2.3482G	55.76	74.00	-18.24	30.62	3	Horizontal	150	1.47	-
PK	2.441G	105.64	Inf	-Inf	30.96	3	Horizontal	150	1.47	-
PK	2.4898G	56.22	74.00	-17.78	31.13	3	Horizontal	150	1.47	-

BT-EDR(3Mbps)

2480MHz_TX

18/05/2018

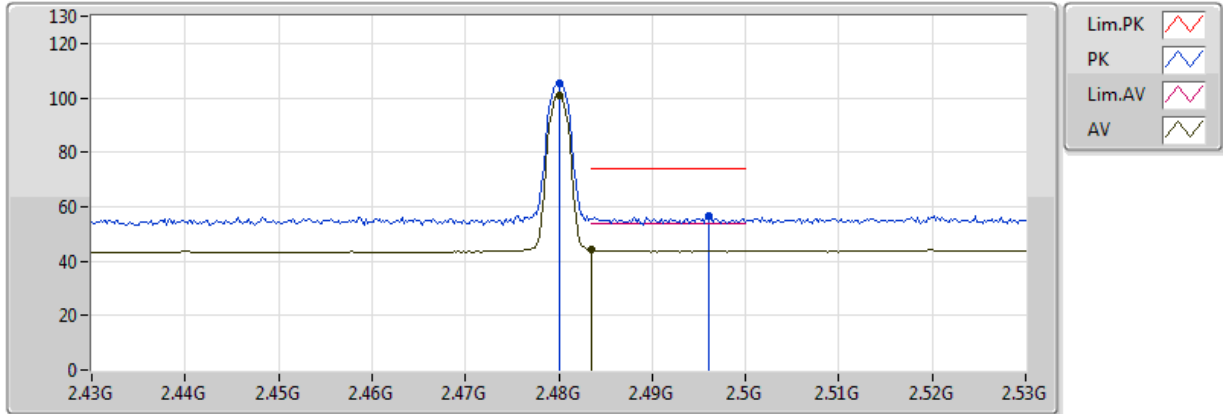


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.48G	95.81	Inf	-Inf	31.10	3	Vertical	210	2.83	-
AV	2.4842G	43.60	54.00	-10.40	31.12	3	Vertical	210	2.83	-
PK	2.48G	100.09	Inf	-Inf	31.10	3	Vertical	210	2.83	-
PK	2.487G	56.45	74.00	-17.55	31.12	3	Vertical	210	2.83	-

BT-EDR(3Mbps)

2480MHz_TX

18/05/2018



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.48G	100.89	Inf	-Inf	31.10	3	Horizontal	148	1.46	-
AV	2.483502G	43.99	54.00	-10.01	31.11	3	Horizontal	148	1.46	-
PK	2.48G	105.13	Inf	-Inf	31.10	3	Horizontal	148	1.46	-
PK	2.496G	56.75	74.00	-17.25	31.16	3	Horizontal	148	1.46	-