

FCC Test Report

Equipment : Computer
Brand Name : Advantech
Model No. : DLT-V4108xxxxxxxxxx (where "x" may be any alphanumeric character, "-" or blank.)
FCC ID : M82-DLV4108
Standard : 47 CFR FCC Part 15.247
RF Specification : Bluetooth BR/EDR
Frequency : 2400 MHz – 2483.5 MHz
FCC Classification : DSS
Applicant / Manufacturer : Advantech Co., Ltd.
No.1, Alley 20, Lane 26, Rueiguang Rd., Neihu District, Taipei City, Taiwan, R.O.C.

The product sample received on Dec. 26, 2016 and completely tested on Jan. 11, 2017. We, SPORTON, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Reviewed by:



Phoenix Chen / Assistant Manager





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Appendix A. Test Result of Emission Bandwidth & Channel Separation

Appendix B. Test Result of Hopping Number

Appendix C. Test Result of Dwell Time

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Appendix E. Test Result of Emissions in Non-restricted Frequency Bands

Appendix F. Test Result of Emissions in Restricted Frequency Bands

Appendix G. Test Photos

Photographs of EUT v01



Summary of Test Result

Conformance Test Specifications				
Report Clause	Ref. Std. Clause	Description	Limit	Result
1.1.2	15.203	Antenna Requirement	FCC 15.203	Complied
3.1	15.207	AC Power-line Conducted Emissions	FCC 15.207	N/A
3.2	15.247(a)	20dB Bandwidth	N/A	Complied
3.2	15.247(a)	Carrier Frequency Separation (ChS)	$ChS \geq BW_{20dB} \times 2/3$.	Complied
3.3	15.247(a)	Number of Hopping Frequencies (N)	$N \geq 15$	Complied
3.4	15.247(a)	Time of Occupancy (Dwell Time)	0.4 s within 0.4 x N	Complied
3.5	15.247(b)	RF Output Power	Power [dBm] BR:21 EDR:21	Complied
3.6	15.247(d)	Emissions in Non-restricted Frequency Bands	Non-Restricted Bands: > 20 dBc	Complied
3.7	15.247(d)	Emissions in Restricted Frequency Bands	Restricted Bands: FCC 15.209	Complied



Revision History

Report No.	Version	Description	Issued Date
FR6N1001AD	Rev. 01	Initial issue of report	Mar. 29, 2017

1 General Description

1.1 Information

1.1.1 RF General Information

Band	Mode	BWch (MHz)	Channel Number	Nant
2.4-2.4835GHz	BT-BR(1Mbps)	1	0-78 [79]	1TX
2.4-2.4835GHz	BT-EDR(2Mbps)	1	0-78 [79]	1TX
2.4-2.4835GHz	BT-EDR(3Mbps)	1	0-78 [79]	1TX

Note:

- 2.4G is the 2.4GHz Band (2.4-2.4835GHz).
- Bluetooth BR uses GFSK (1Mbps).
- Bluetooth EDR uses a combination of $\pi/4$ -DQPSK(2Mbps) and 8DPSK (3Mbps)
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Antenna Category	
<input checked="" type="checkbox"/>	Integral antenna (antenna permanently attached)
<input checked="" type="checkbox"/>	Temporary RF connector provided
<input type="checkbox"/>	No temporary RF connector provided Transmit chains bypass antenna and soldered temporary RF connector provided for connected measurement. In case of conducted measurements the transmitter shall be connected to the measuring equipment via a suitable attenuator and correct for all losses in the RF path.
<input checked="" type="checkbox"/>	External antenna (dedicated antennas)
<input checked="" type="checkbox"/>	Single power level with corresponding antenna(s).
<input type="checkbox"/>	Multiple power level and corresponding antenna(s).

Antenna General Information				
No.	Ant. Cat.	Ant. Type	Model No.	Gain (dBi)
1	External	PIFA	MA231.LBC.002	2.84
2	Integral	PCB	DL-WFAK79377500	6.50

Note: The EUT has two antenna configurations.

Type 1: PCB antenna only supports 1 TX and Port 1 for emission.

Type 2: PIFA antenna only supports 1 TX and Port 1 for emission.



1.1.3 Type of EUT

Identify EUT	
EUT Serial Number	N/A
Presentation of Equipment	<input checked="" type="checkbox"/> Production ; <input type="checkbox"/> Pre-Production ; <input type="checkbox"/> Prototype
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)	0.748	1.261	2.901m	1k
BT-EDR(2Mbps)	0.787	1.04	2.746m	1k
BT-EDR(3Mbps)	0.778	1.09	2.748m	1k

1.1.5 EUT Operational Condition

Supply Voltage	<input type="checkbox"/> AC mains	<input checked="" type="checkbox"/> DC	
Type of DC Source	<input type="checkbox"/> External AC adapter	<input checked="" type="checkbox"/> DC Source	<input type="checkbox"/> Battery

1.1.6 EUT Operate Information

Items	Description	
Operate Condition	<input checked="" type="checkbox"/> Point-to-multipoint (P2M)	<input type="checkbox"/> Point-to-point (P2P)

1.2 Testing Applied Standards

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

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

1.3 Testing Location Information

Testing Location				
<input checked="" type="checkbox"/>	HWA YA	ADD : No. 52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan District, Tao Yuan City, Taiwan, R.O.C.		
		TEL : 886-3-327-3456	FAX : 886-3-327-0973	
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-HY	Ryan	24.5°C / 65%	09/Jan/2017
Radiated	03CH02-HY	Edwen	20.8°C / 55%	11/Jan/2017

Test site registered number [553509] with FCC.

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))

Measurement Uncertainty		
Test Item	Uncertainty	
AC power-line conducted emissions	±2.3 dB	
Emission bandwidth, 6dB bandwidth	±0.6 %	
RF output power, conducted	±0.1 dB	
Power density, conducted	±0.6 dB	
Unwanted emissions, conducted	9 – 150 kHz	±0.4 dB
	0.15 – 30 MHz	±0.4 dB
	30 – 1000 MHz	±0.6 dB
	1 – 18 GHz	±0.5 dB
	18 – 40 GHz	±0.5 dB
	40 – 200 GHz	N/A
All emissions, radiated	9 – 150 kHz	±2.5 dB
	0.15 – 30 MHz	±2.3 dB
	30 – 1000 MHz	±2.6 dB
	1 – 18 GHz	±3.6 dB
	18 – 40 GHz	±3.8 dB
	40 – 200 GHz	N/A
Temperature	±0.8 °C	
Humidity	±5 %	
DC and low frequency voltages	±0.9%	
Time	±1.4 %	
Duty Cycle	±0.6 %	



2 Test Configuration of EUT

2.1 Test Condition

RF Conducted	Abbreviation	Remark
TN,VN	TN	20°C
-	VN	24V




2.2 Test Channel Mode

Test Software Version	BtUSB_V18.12.12
-----------------------	-----------------

Mode	Power Setting
BT-BR(1Mbps)	-
2402MHz	7
2440MHz	7
2480MHz	7
BT-EDR(2Mbps)	-
2402MHz	7
2440MHz	7
2480MHz	7
BT-EDR(3Mbps)	-
2402MHz	7
2440MHz	7
2480MHz	7

2.3 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	RF Output Power, 20dB Bandwidth, Carrier Frequency Separation (ChS), Number of Hopping Frequencies (N), 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		
User Position	<input type="checkbox"/> EUT will be placed in fixed position.		
	<input checked="" type="checkbox"/> EUT will be placed in mobile position and operating multiple positions.		
	<input type="checkbox"/> EUT will be a hand-held or body-worn battery-powered devices and operating multiple positions.		
Operating Mode < 1GHz	<input checked="" type="checkbox"/> 1. DC Source		
Operating Mode > 1GHz	<input checked="" type="checkbox"/> 1. PCB+PCB Mode		
	<input checked="" type="checkbox"/> 2. PCB+PIFA Mode		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT			V

2.4 Accessories and Support Equipment

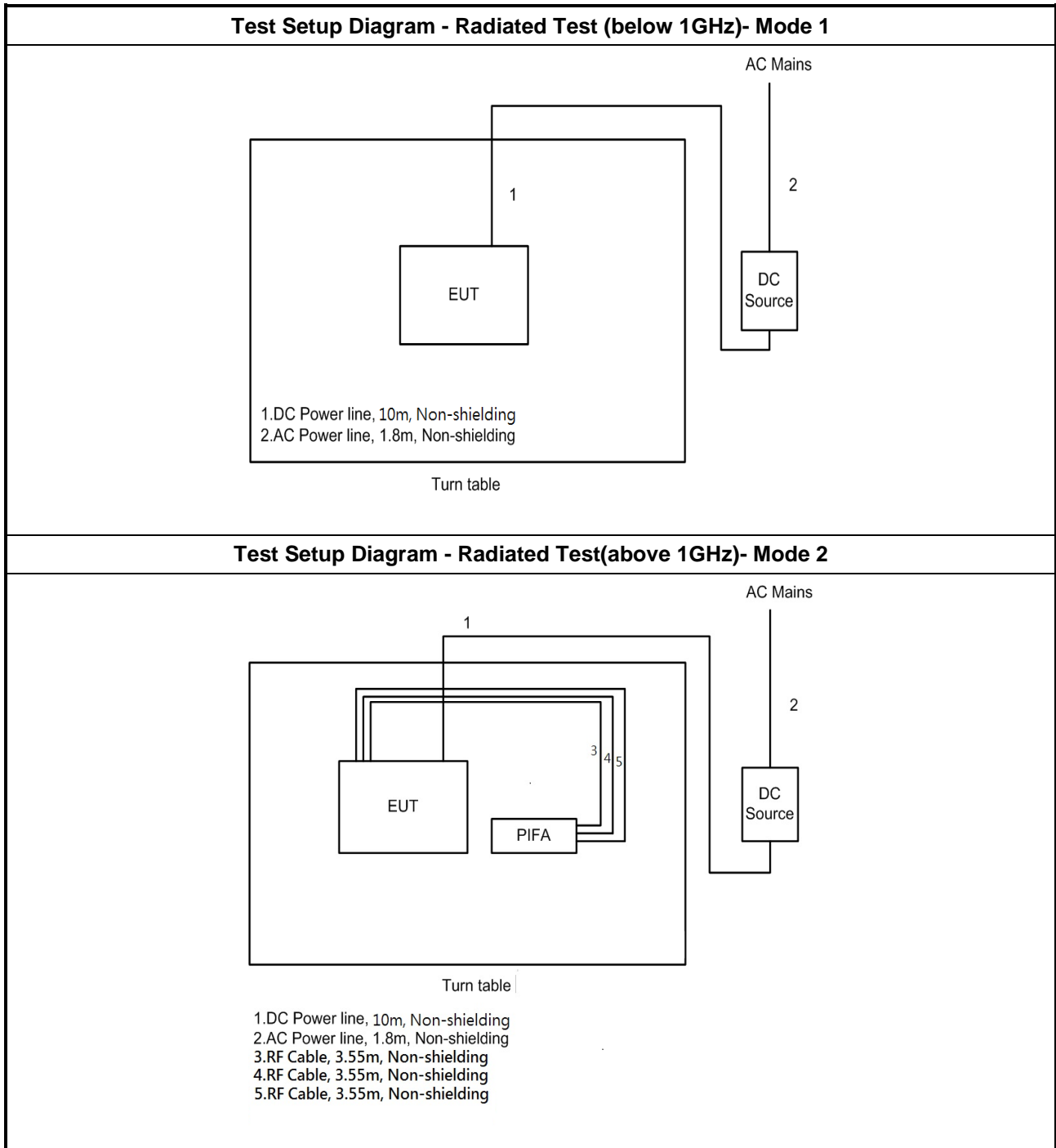
Specification of Accessory		
A cable MDR 50P/BNC+Audio Jack*3+USB-A+D-SUB 9P	Model Name	1700019307

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

Support Equipment - RF Conducted			
No.	Equipment	Brand Name	Model Name
-	-	-	-

Support Equipment - Radiated Emission			
No.	Equipment	Brand Name	Model Name
-	-	-	-

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.

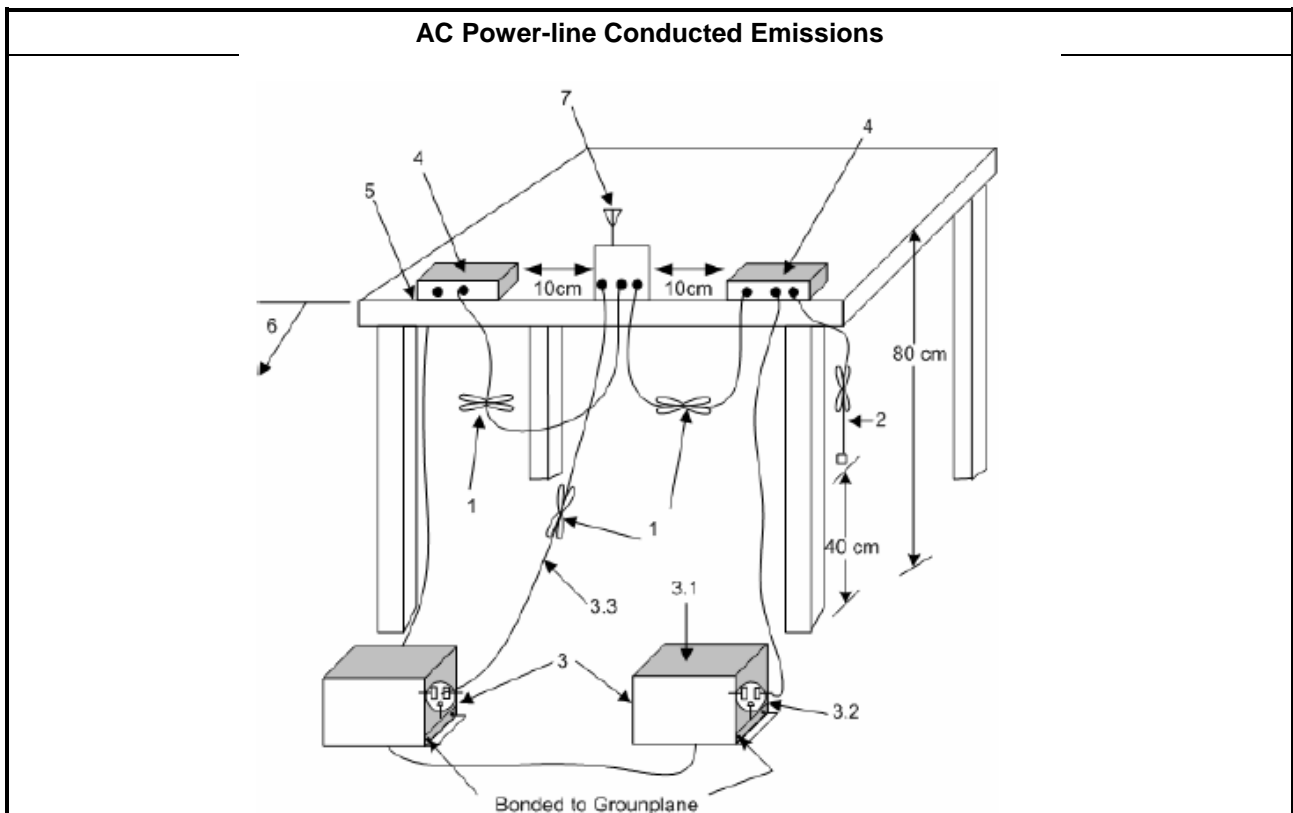
3.1.2 Measuring Instruments

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 for AC power-line conducted emissions.

3.1.4 Test Setup





3.1.5 Test Result of AC Power-line Conducted Emissions

Please refer to Part 15.207(c) clause 2.3 which states, “Measurements to demonstrate compliance with the conducted limits are not required for devices which only employ battery power for operation and which do not operate from the AC power lines or contain provisions for operation while connected to the AC power lines”. Therefore, for this device, AC Power Line Conducted Emissions investigation is not required.

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	
<input checked="" type="checkbox"/>	2400-2483.5 MHz Band:
<input type="checkbox"/>	$N \geq 75$ and $ChS \geq MAX$ (20 dB bandwidth, 25 kHz).
<input checked="" type="checkbox"/>	$N \geq 15$ and $ChS \geq MAX$ (20 dB bandwidth x 2/3, 25 kHz).
N: Number of Hopping Frequencies; ChS: Hopping Channel Separation	

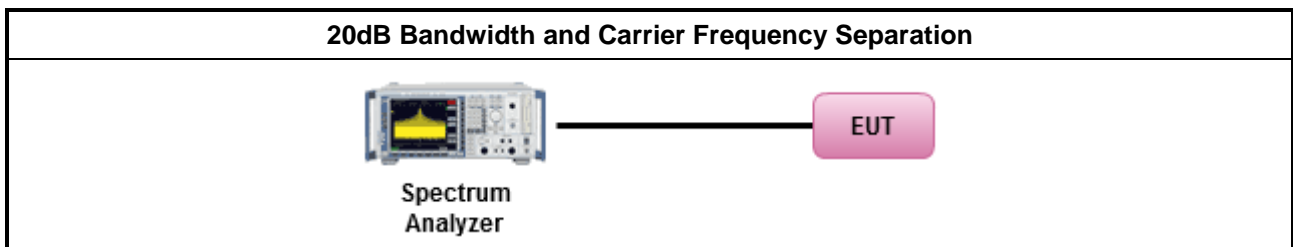
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
<input checked="" type="checkbox"/>	Refer as ANSI C63.10, clause 6.9.2 for 20 dB bandwidth measurement.
<input checked="" type="checkbox"/>	Refer as ANSI C63.10, clause 7.8.2 for carrier frequency separation measurement.
<input checked="" type="checkbox"/>	For conducted measurement.
<input checked="" type="checkbox"/>	The EUT supports single transmit chain and measurements performed on this transmit chain.
<input type="checkbox"/>	The EUT supports diversity transmitting and the results on transmit chain port 1 is the worst case.

3.2.4 Test Setup



3.2.5 Test Result of 20dB Bandwidth and Carrier Frequency Separation

Refer as Appendix A.

3.3 Number of Hopping Frequencies

3.3.1 Number of Hopping Frequencies Limit

Number of Hopping Frequencies Limit for Frequency Hopping Systems	
<input checked="" type="checkbox"/>	2400-2483.5 MHz Band:
<input type="checkbox"/>	$N \geq 75$ and ChS \geq MAX (20 dB bandwidth, 25 kHz).
<input checked="" type="checkbox"/>	$N \geq 15$ and ChS \geq MAX (20 dB bandwidth x 2/3, 25 kHz).
N: Number of Hopping Frequencies; ChS: Hopping Channel Separation	

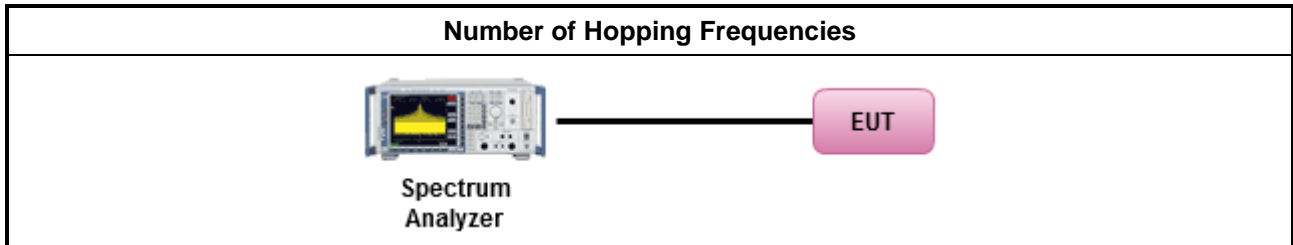
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
<input checked="" type="checkbox"/>	Refer as ANSI C63.10, clause 7.8.3 for number of hopping frequencies measurement.
<input checked="" type="checkbox"/>	For conducted measurement.
<input checked="" type="checkbox"/>	The EUT supports single transmit chain and measurements performed on this transmit chain.
<input type="checkbox"/>	The EUT supports diversity transmitting and the results on transmit chain port 1 is the worst case.

3.3.4 Test Setup



3.3.5 Test Result of Number of Hopping Frequencies

Refer as Appendix B

3.4 Time of Occupancy (Dwell Time)

3.4.1 Time of Occupancy (Dwell Time) Limit

Time of Occupancy (Dwell Time) Limit for Frequency Hopping Systems
<input checked="" type="checkbox"/> 2400-2483.5 MHz Band: Dwell time ≤ 0.4 second within $0.4 \times N$
N: Number of Hopping Frequencies

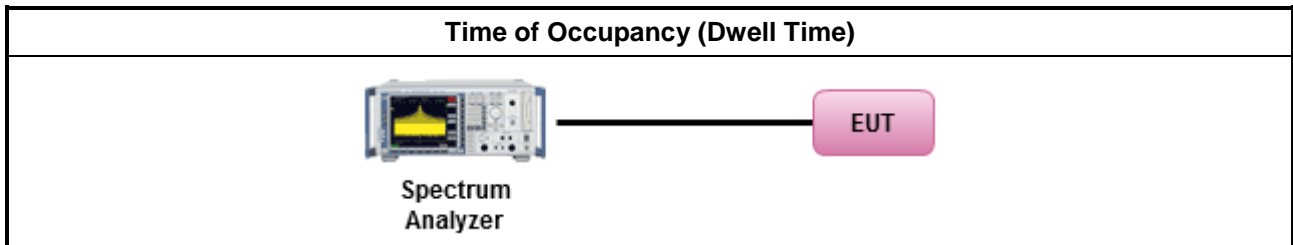
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method
<input checked="" type="checkbox"/> Refer as DA-00-705 for dwell time measurement.
<input checked="" type="checkbox"/> 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.
<input checked="" type="checkbox"/> The DH1 packet can cover a single time slot. A maximum length packet has duration of 1 time slots. The hopping rate is 1600 hops/second so the maximum dwell time is $1/1600$ seconds, or 0.625ms. DH1 Packet permit maximum $1600 / 79 / 2 = 10.12$ hops per second in each channel (1 time slot RX, 1 time slot TX). So, the dwell time is the time duration of the pulse times $10.12 \times 31.6 = 320$ within 31.6 seconds.
<input checked="" type="checkbox"/> The DH3 packet can cover up to 3 time slots. A maximum length packet has duration of 3 time slots. The hopping rate is 1600 hops/second so the maximum dwell time is $3/1600$ seconds, or 1.875ms. DH3 Packet permit maximum $1600 / 79 / 4 = 5.06$ hops per second in each channel (3 time slots TX, 1 time slot RX). So, the dwell time is the time duration of the pulse times $5.06 \times 31.6 = 160$ within 31.6 seconds.
<input checked="" type="checkbox"/> 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 (5 time slots TX, 1 time slot RX). So, the dwell time is the time duration of the pulse times $3.37 \times 31.6 = 106.6$ within 31.6 seconds
<input checked="" type="checkbox"/> For conducted measurement.
<input checked="" type="checkbox"/> The EUT supports single transmit chain and measurements performed on this transmit chain.
<input type="checkbox"/> The EUT supports diversity transmitting and the results on transmit chain port 1 is the worst case.

3.4.4 Test Setup



3.4.5 Test Result of Time of Occupancy (Dwell Time)

Refer as Appendix C



3.5 RF Output Power

3.5.1 RF Output Power Limit

RF Output Power Limit for Frequency Hopping Systems	
Maximum Peak Conducted Output Power Limit	
<input checked="" type="checkbox"/> 2400-2483.5 MHz Band:	
<input type="checkbox"/>	For Hopping Channel: $N \geq 75$
<input type="checkbox"/>	If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ dBm (1 W)
<input type="checkbox"/>	If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ dBm
<input checked="" type="checkbox"/>	For Hopping Channel: $N \geq 15$
<input checked="" type="checkbox"/>	If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 21$ dBm (0.125 W)
<input type="checkbox"/>	If $G_{TX} > 6$ dBi, then $P_{Out} = 21 - (G_{TX} - 6)$ dBm
e.i.r.p. Power Limit:	
<input checked="" type="checkbox"/> 2400-2483.5 MHz Band:	
<input type="checkbox"/>	For Hopping Channel: $N \geq 75 - P_{eirp} \leq 36$ dBm (4 W)
<input checked="" type="checkbox"/>	For Hopping Channel: $N \geq 15 - P_{eirp} \leq 27$ dBm (0.5 W)
G_{TX} = the maximum transmitting antenna directional gain in dBi. P_{eirp} = e.i.r.p. Power in dBm. N : Number of Hopping Frequencies ChS : Hopping Channel Separation	

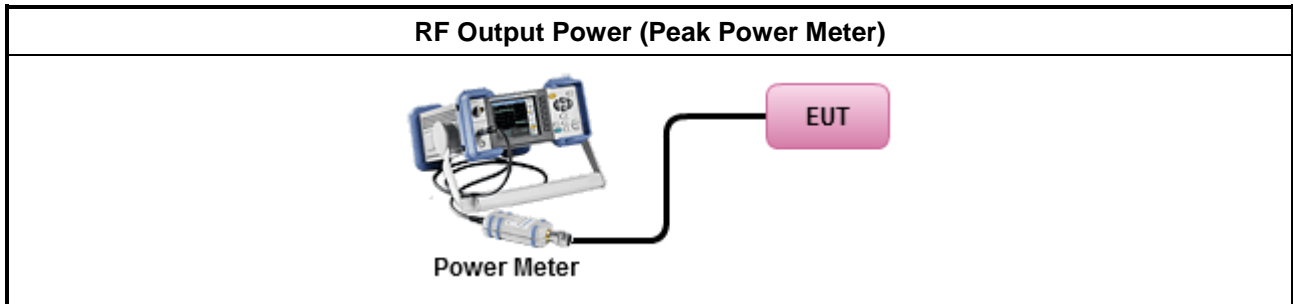
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method	
<input checked="" type="checkbox"/>	Maximum Peak Conducted Output Power
<input type="checkbox"/>	Refer as DA 00-705, spectrum analyzer for peak power.
<input checked="" type="checkbox"/>	Refer as DA 00-705, peak power meter for peak power.
<input type="checkbox"/>	Refer as ANSI C63.10, clause 11.9.1.3) for peak power meter.
<input type="checkbox"/>	Refer as ANSI C63.10, clause 11.9.1.1) for spectrum analyzer - (RBW \geq EBW).
<input checked="" type="checkbox"/>	For conducted measurement.
<input checked="" type="checkbox"/>	The EUT supports single transmit chain and measurements performed on this transmit chain.
<input type="checkbox"/>	The EUT supports diversity transmitting and the results on transmit chain port 1 is the worst case.

3.5.4 Test Setup



3.5.5 Test Result of Maximum Peak Conducted Output Power

Refer as Appendix D

3.5.6 Test Result of Maximum Average Conducted Output Power

Refer as Appendix D



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
Average output power procedure	30

Note 1: If the peak output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the peak conducted output power measured within any 100 kHz outside the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum measured in-band peak PSD level.

Note 2: If the average output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the power in any 100 kHz outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum measured in-band average PSD level.

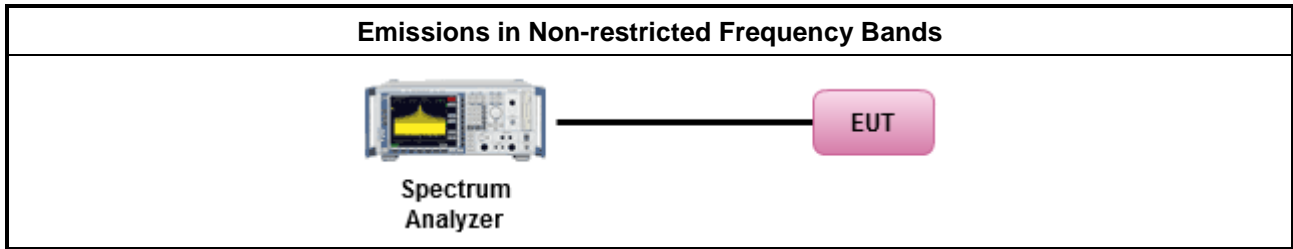
3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

Test Method – General Information	
<input checked="" type="checkbox"/>	The average emission levels shall be measured in [duty cycle \geq 98 or duty factor].
<input checked="" type="checkbox"/>	Refer as ANSI C63.10, clause 6.10.3 bandedge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.
<input checked="" type="checkbox"/>	For the transmitter unwanted emissions shall be measured using following options below:
<input checked="" type="checkbox"/>	For unwanted emissions into non-restricted bands. 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.
<input checked="" type="checkbox"/>	For unwanted emissions into restricted bands.
<input checked="" type="checkbox"/>	Refer as ANSI C63.10, clause 4.1.4.2.3 (Reduced VBW). VBW \geq 1/T, where T is pulse time.
<input type="checkbox"/>	Refer as ANSI C63.10, clause 4.1.4.2.4 average value of pulsed emissions.
<input checked="" type="checkbox"/>	Refer as ANSI C63.10, clause 11.11.3 measurement procedure peak limit.
<input checked="" type="checkbox"/>	For the transmitter bandedge emissions shall be measured using following options below:
<input checked="" type="checkbox"/>	Refer as ANSI C63.10, clause 6.10 for band-edge testing.
<input type="checkbox"/>	Refer as ANSI C63.10, clause 6.10.6.2 for marker-delta method for band-edge measurements.
<input checked="" type="checkbox"/>	Refer as ANSI C63.10, clause 7.8.6 for band-edge testing into non-restricted bands.
<input checked="" type="checkbox"/>	Refer as ANSI C63.10, clause 6.6 for radiated emissions and test distance is 3m.

3.6.4 Test Setup



3.6.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

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.

3.7.2 Measuring Instruments

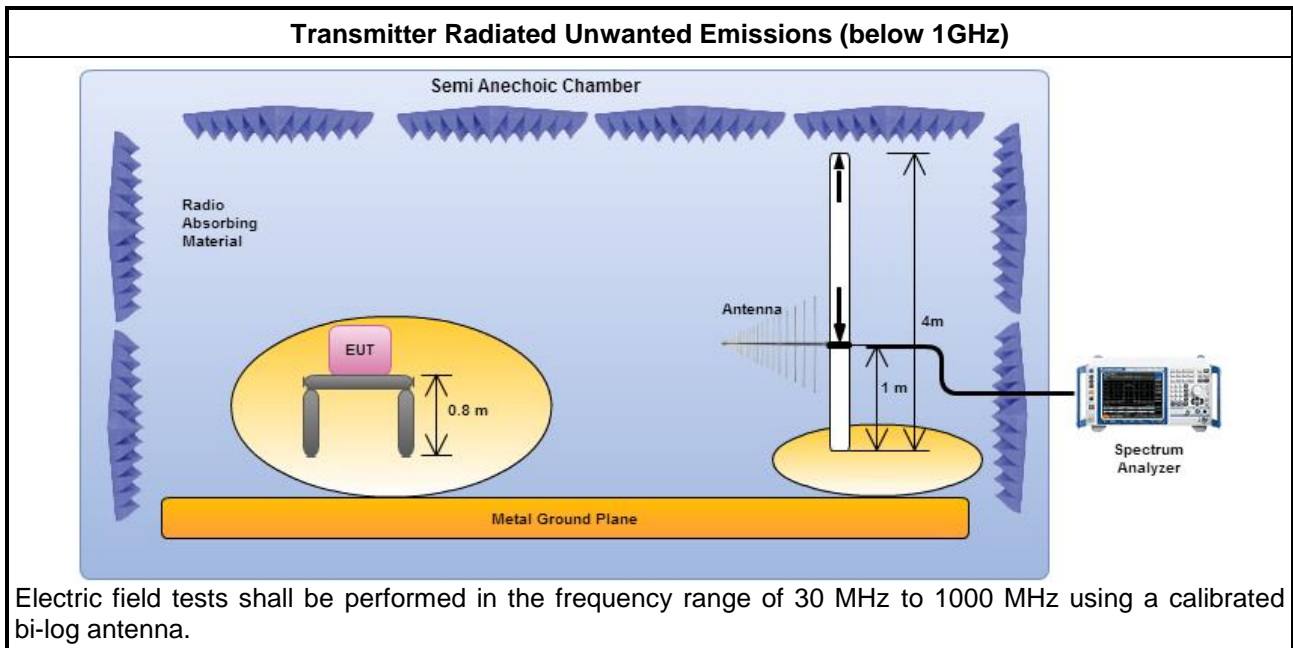
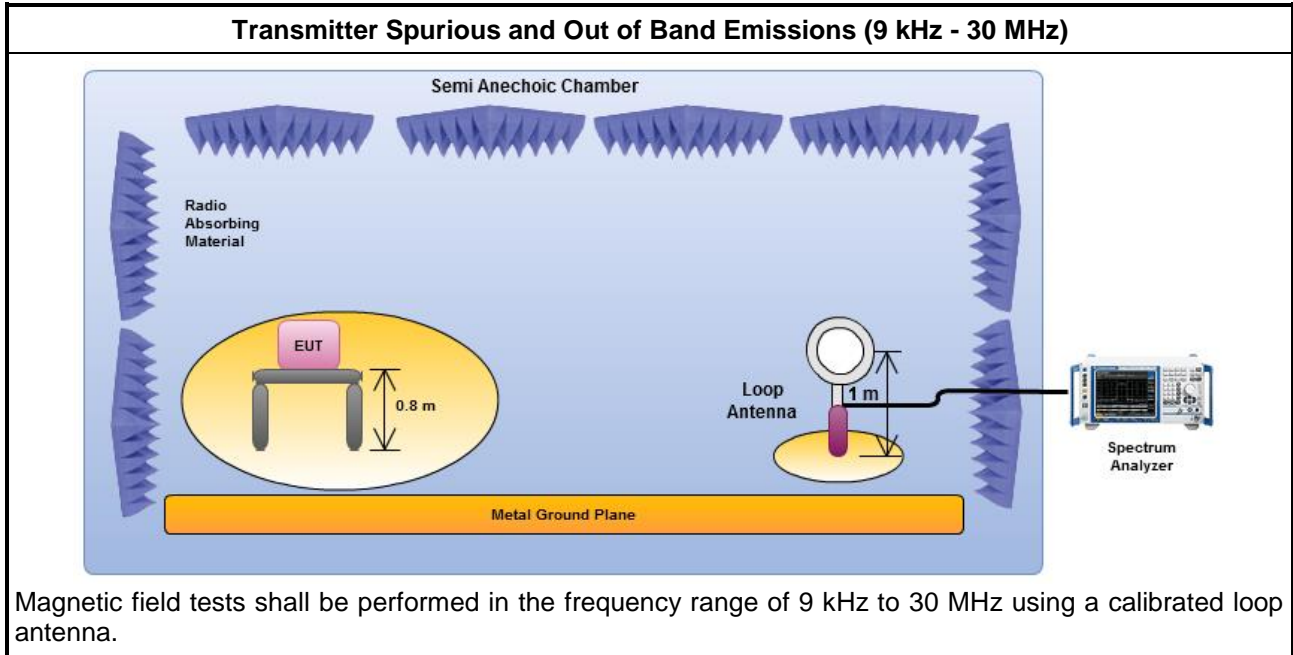
Refer a test equipment and calibration data table in this test report.

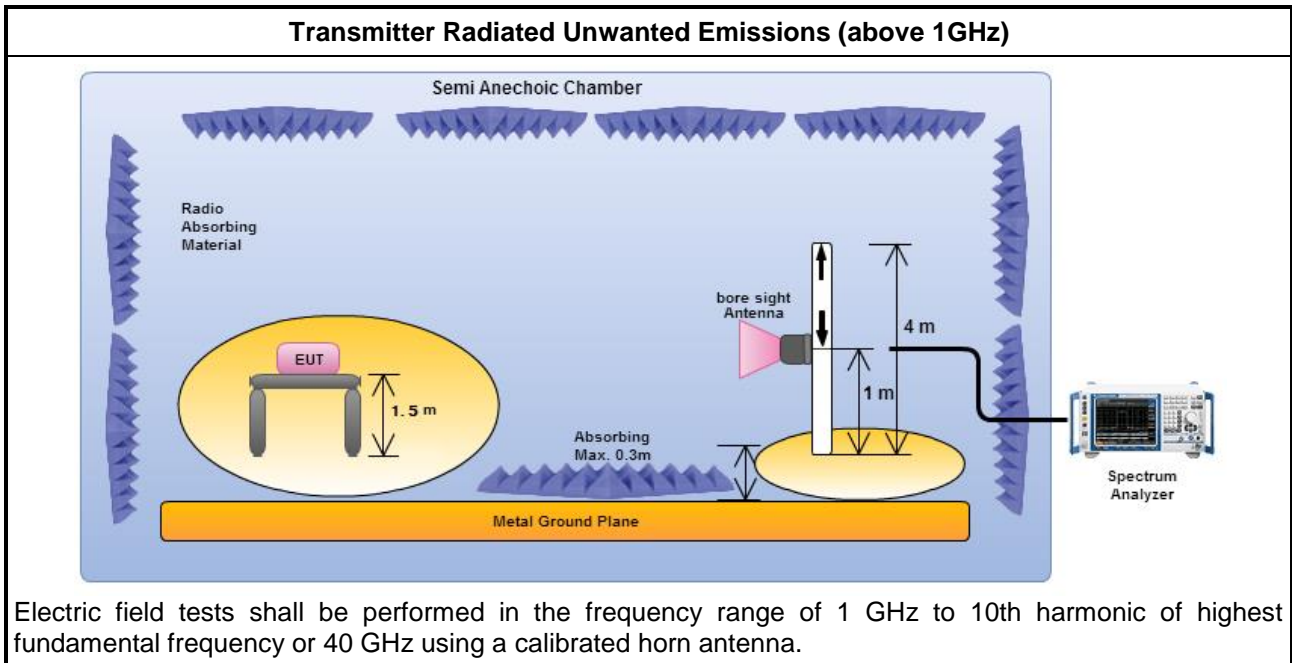


3.7.3 Test Procedures

Test Method – General Information	
<input checked="" type="checkbox"/>	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).
<input checked="" type="checkbox"/>	The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].
<input checked="" type="checkbox"/>	For the transmitter unwanted emissions shall be measured using following options below:
<input checked="" type="checkbox"/>	Refer as DA 00-705, for spurious radiated emissions. The dwell time per channel of the hopping signal is less than 100 ms, then the reading obtained with the 10 Hz VBW may be further adjusted by a “duty cycle correction factor”, derived from $20\log(\text{dwell time}/100 \text{ ms})$
<input type="checkbox"/>	For unwanted emissions into non-restricted bands. 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.
<input checked="" type="checkbox"/>	For unwanted emissions into restricted bands.
<input checked="" type="checkbox"/>	Refer as ANSI C63.10, clause 4.1.4.2.3 (Reduced VBW). $VBW \geq 1/T$, where T is pulse time.
<input type="checkbox"/>	Refer as ANSI C63.10, clause 4.1.4.2.4 average value of pulsed emissions.
<input checked="" type="checkbox"/>	Refer as ANSI C63.10, clause 11.12.2.4 measurement procedure peak limit.
<input checked="" type="checkbox"/>	Refer as ANSI C63.10, clause 11.12.2.3 measurement procedure Quasi-Peak limit.
<input checked="" type="checkbox"/>	For radiated measurement.
<input checked="" type="checkbox"/>	Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
<input checked="" type="checkbox"/>	Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
<input checked="" type="checkbox"/>	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1 GHz and test distance is 3m.
<input checked="" type="checkbox"/>	The any unwanted emissions level shall not exceed the fundamental emission level.
<input checked="" type="checkbox"/>	All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.

3.7.4 Test Setup





3.7.5 Transmitter 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. Any spurious which has more than 20 dB of margin compared to the applicable limit is not necessarily reported.

3.7.6 Transmitter Radiated Unwanted Emissions

Refer as Appendix F



4 Test Equipment and Calibration Data

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSP40	100593	9KHz - 40GHz	26/Oct/2016	25/Oct/2017
3m Semi Anechoic	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz-1GHz 3M	03/Jun/2016	02/Jun/2017
Amplifier	Agilent	8447D	2944A11149	100KHz-1.3GHz	01/Jul/2016	30/Jun/2017
Amplifier	Agilent	8449B	3008A02373	1GHz-26.5GHz	02/Sep/2016	01/Sep/2017
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA9120D 01543	1GHz-18GHz	22/Apr/2016	21/Apr/2017
Horn Antenna	SCHWARZBECK	BBHA9170	BBHA9170154	18GHz-40GHz	29/Jan/2016	28/Jan/2017
Bilog Antenna	SCHAFFNER	CBL6112B	2723	30MHz-1GHz	01/Oct/2016	30/Sep/2017
Loop Antenna	TESEQ	HLA 6120	31244	9KHz-30MHz	02/Feb/2015	01/Feb/2017
DC Power Source	G.W.	GPS-3030DD	GEN865896	DC 0V ~ 30V	14/Jan/2016	13/Jan/2017
RF Cable-high	SUHNER	SUCOFLEX106	MY17173/4	1GHz ~ 40GHz	03/Mar/2016	02/Mar/2017
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz ~ 1GHz	05/Nov/2016	04/Nov/2017

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101500	9kHz~40GHz	12/May/2016	11/May/ 2017
Power Sensor	Anritsu	MA2411B	917017	300MHz ~ 40GHz	04/Feb/2016	03/Feb/2017
Power Meter	Anritsu	ML2495A	949003	300MHz ~ 40GHz	04/Feb/2016	03/Feb/2017
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	21/Jul/2016	20/Jul/2017
DC Power Source	G.W.	GPS-3030DD	GEN865896	DC 0V ~ 30V	14/Jan/2016	13/Jan/2017
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10709/4	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10710/4	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017
RF Cable-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY10713/4	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017



Summary

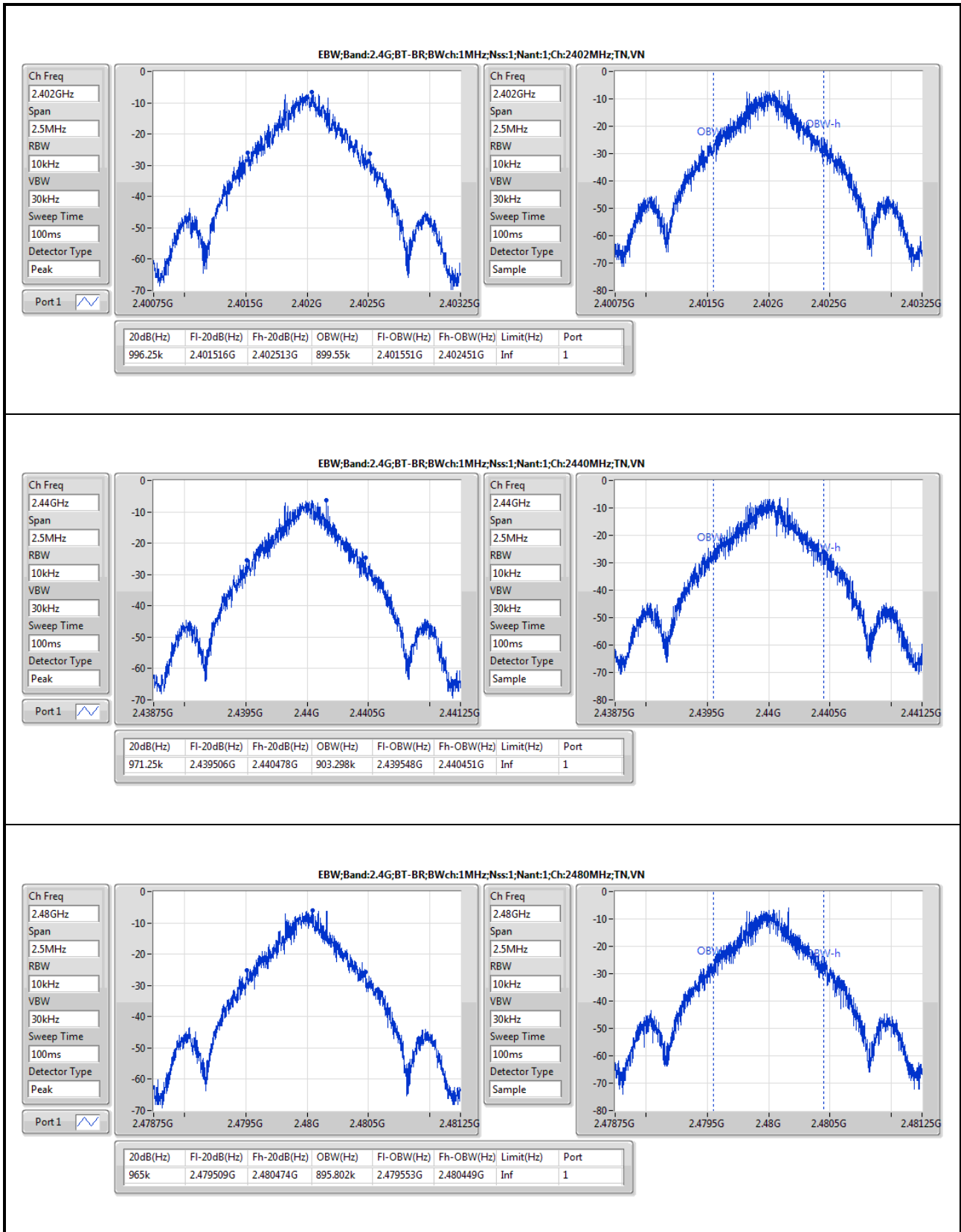
Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
BT-BR(1Mbps)	-	-	-	-	-
2.4-2.4835GHz	996.25k	903.298k	903kF1D	965k	895.802k
BT-EDR(2Mbps)	-	-	-	-	-
2.4-2.4835GHz	1.28M	1.196M	1M20G1D	1.279M	1.192M
BT-EDR(3Mbps)	-	-	-	-	-
2.4-2.4835GHz	1.26M	1.201M	1M20G1D	1.253M	1.196M

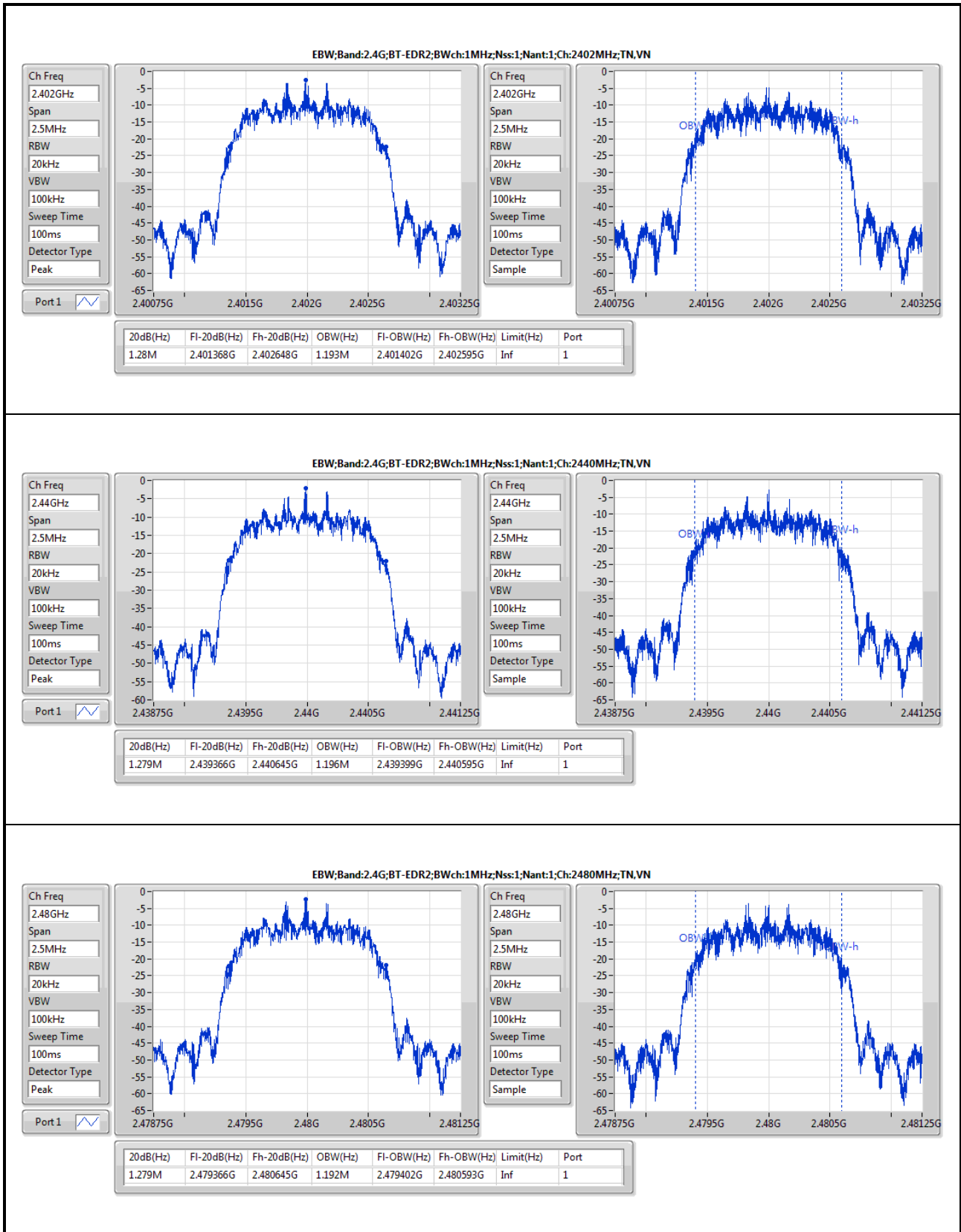
Max-N dB = Maximum 20dB down bandwidth; **Max-OBW** = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 20dB down bandwidth; **Min-OBW** = Minimum 99% occupied bandwidth;

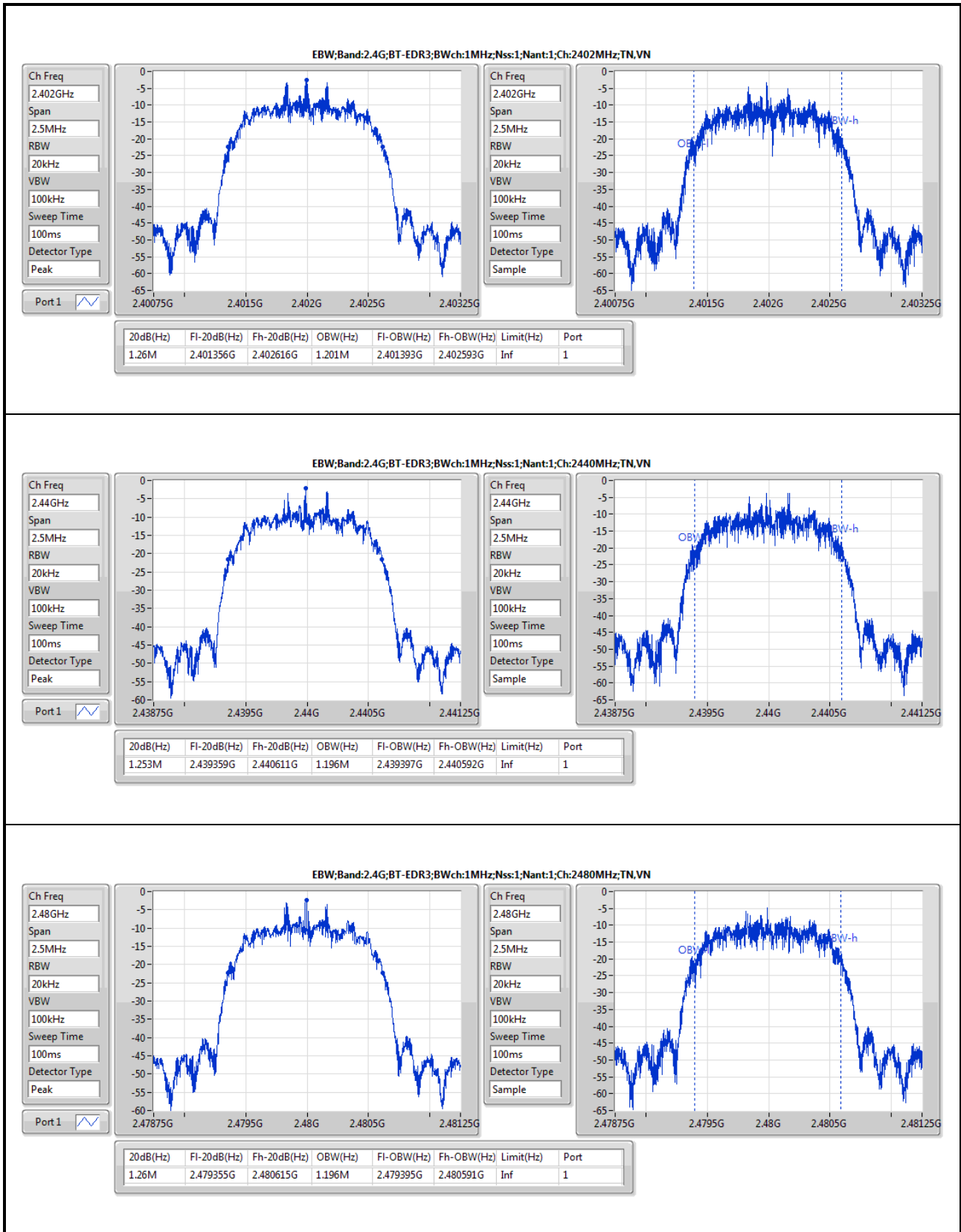
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
BT-BR(1Mbps)	-	-	-	-
2402MHz	Pass	Inf	996.25k	899.55k
2440MHz	Pass	Inf	971.25k	903.298k
2480MHz	Pass	Inf	965k	895.802k
BT-EDR(2Mbps)	-	-	-	-
2402MHz	Pass	Inf	1.28M	1.193M
2440MHz	Pass	Inf	1.279M	1.196M
2480MHz	Pass	Inf	1.279M	1.192M
BT-EDR(3Mbps)	-	-	-	-
2402MHz	Pass	Inf	1.26M	1.201M
2440MHz	Pass	Inf	1.253M	1.196M
2480MHz	Pass	Inf	1.26M	1.196M

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







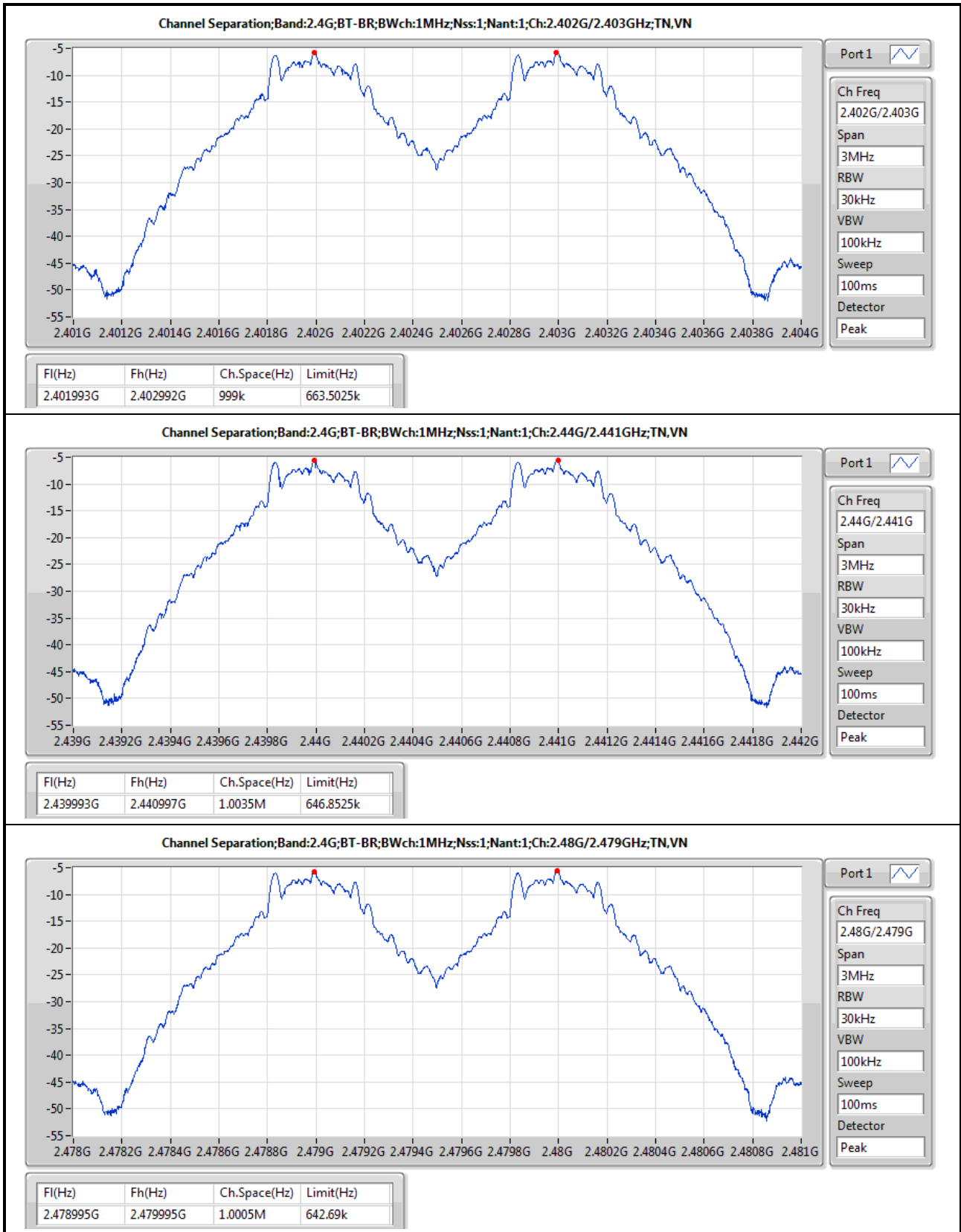


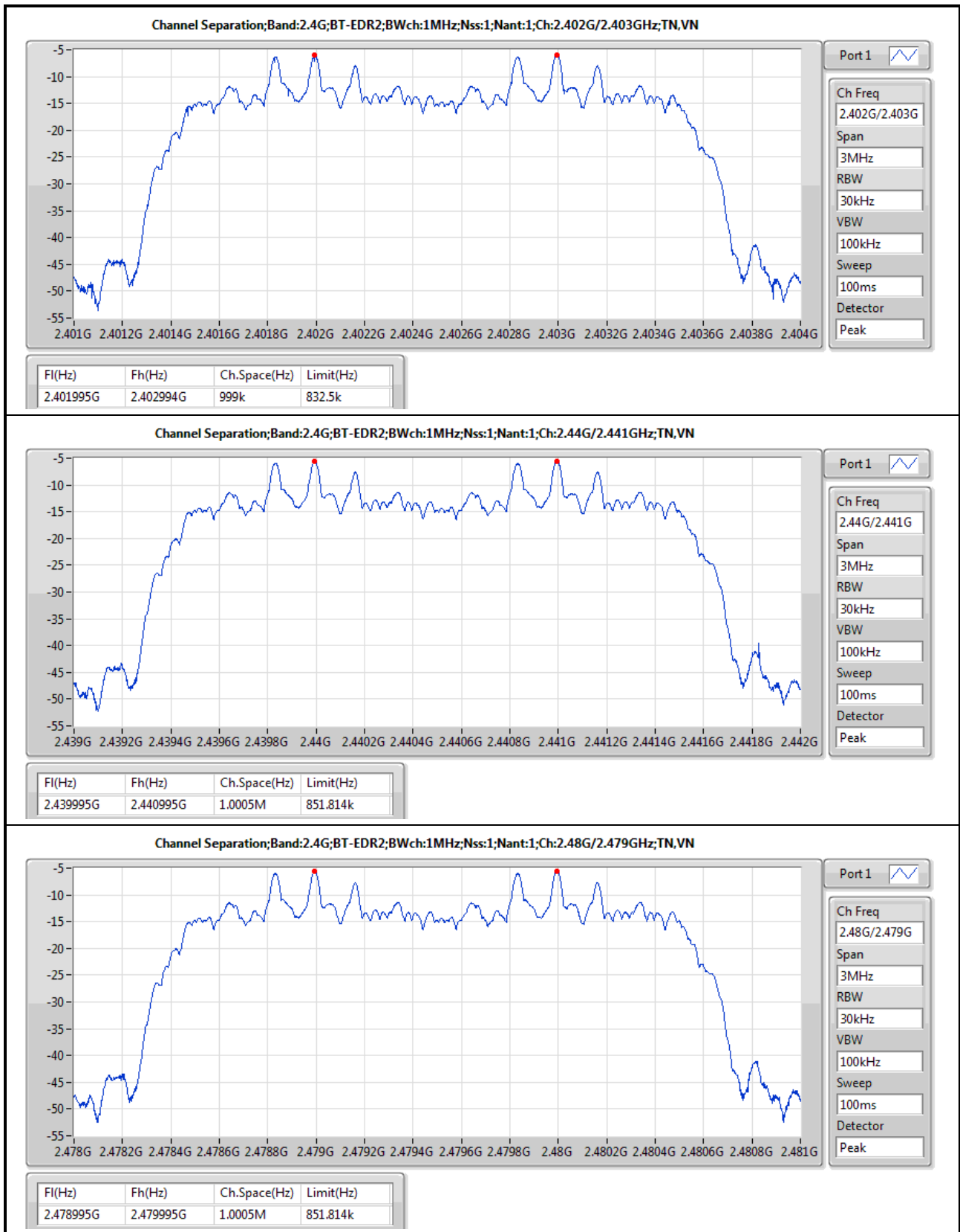
Summary

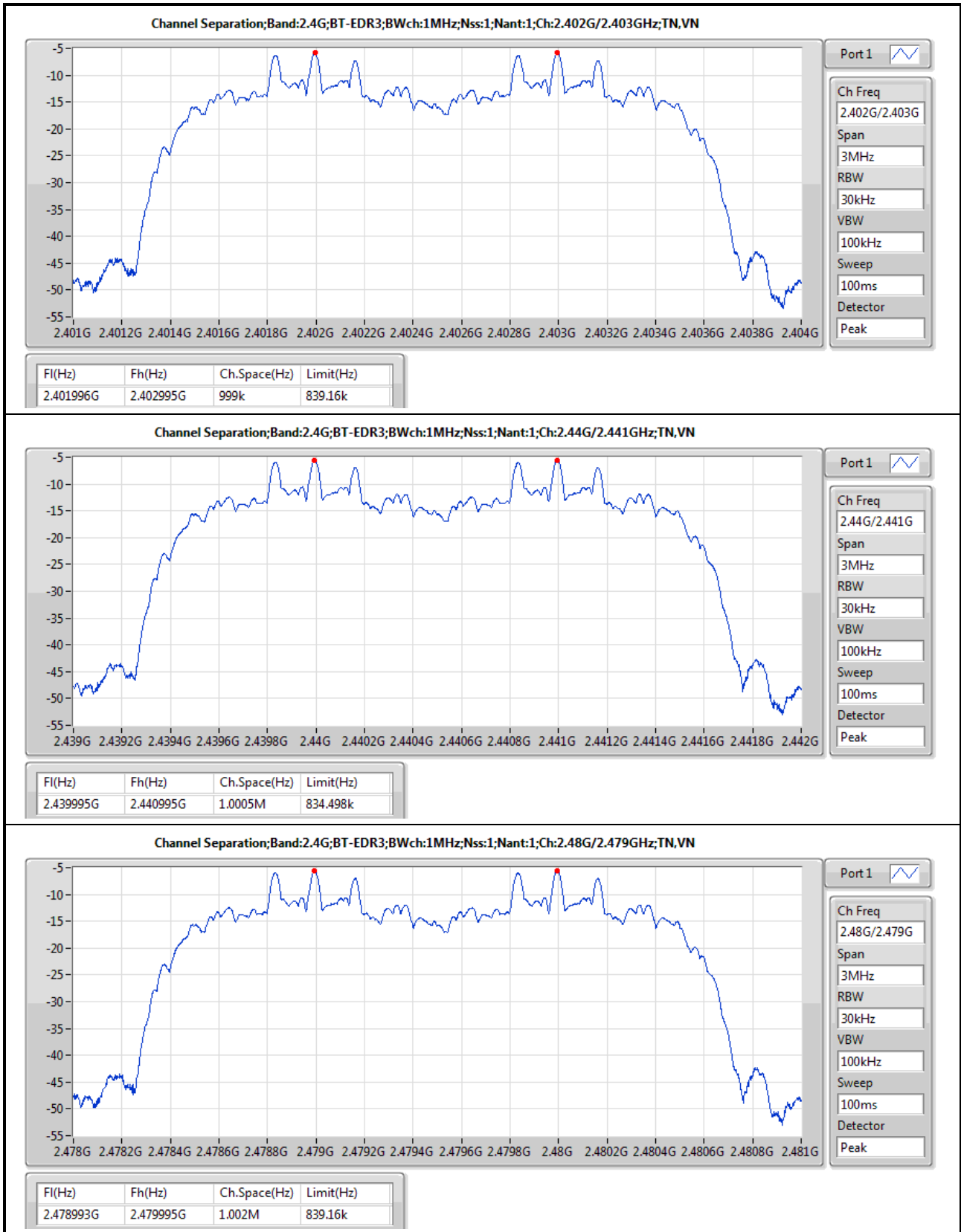
Mode	Max-Space (Hz)	Min-Space (Hz)
BT-BR(1Mbps)	-	-
2.4-2.4835GHz	1.0035M	999k
BT-EDR(2Mbps)	-	-
2.4-2.4835GHz	1.0005M	999k
BT-EDR(3Mbps)	-	-
2.4-2.4835GHz	1.002M	999k

Result

Mode	Result	Fl (Hz)	Fh (Hz)	Ch.Space (Hz)	Limit (Hz)
BT-BR(1Mbps)	-	-	-	-	-
2402MHz	Pass	2.401993G	2.402992G	999k	663.5025k
2440MHz	Pass	2.439993G	2.440997G	1.0035M	646.8525k
2480MHz	Pass	2.478995G	2.479995G	1.0005M	642.69k
BT-EDR(2Mbps)	-	-	-	-	-
2402MHz	Pass	2.401995G	2.402994G	999k	832.5k
2440MHz	Pass	2.439995G	2.440995G	1.0005M	851.814k
2480MHz	Pass	2.478995G	2.479995G	1.0005M	851.814k
BT-EDR(3Mbps)	-	-	-	-	-
2402MHz	Pass	2.401996G	2.402995G	999k	839.16k
2440MHz	Pass	2.439995G	2.440995G	1.0005M	834.498k
2480MHz	Pass	2.478993G	2.479995G	1.002M	839.16k







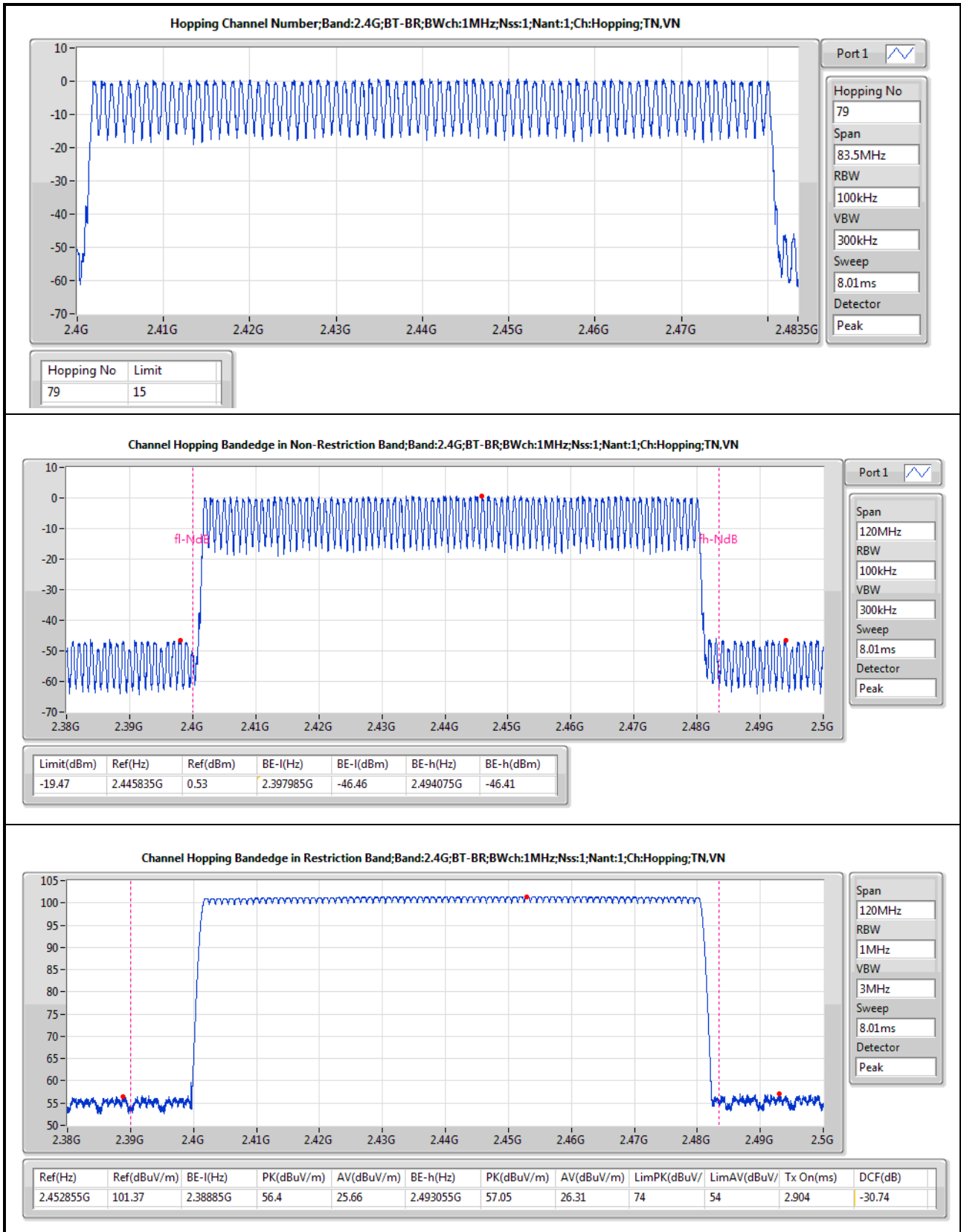


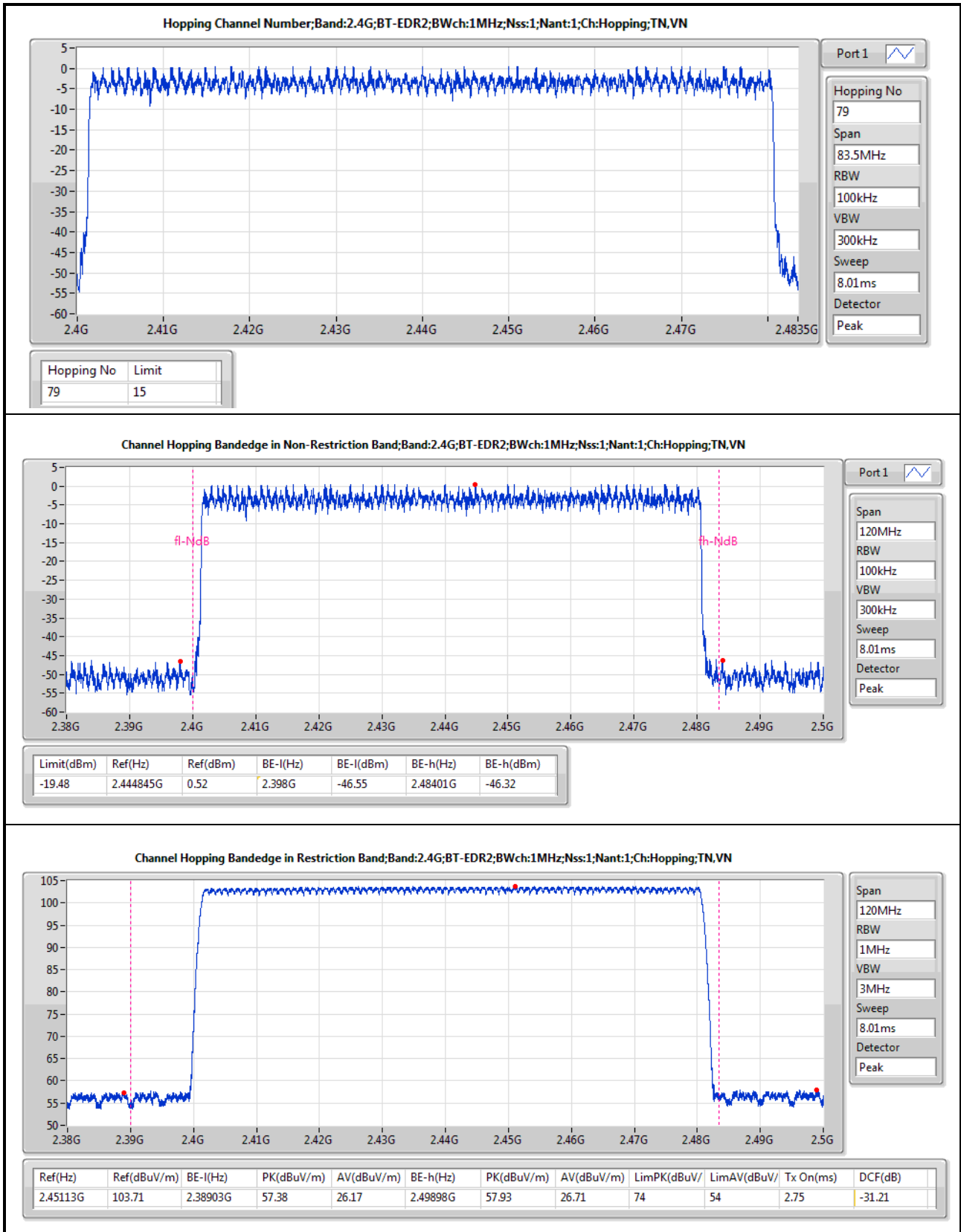
Summary

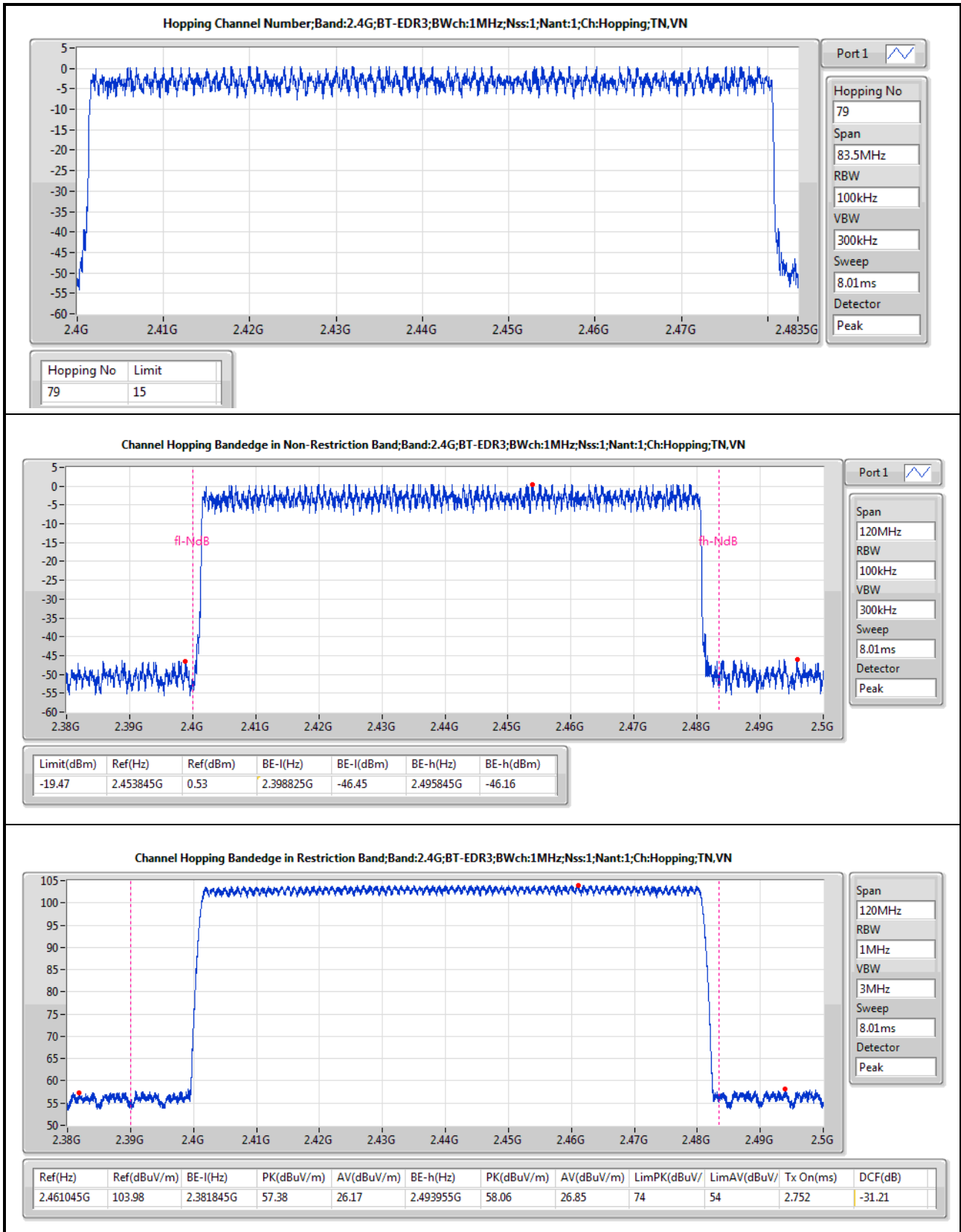
Mode	Max-Hop No
BT-BR(1Mbps)	-
2.4-2.4835GHz	79
BT-EDR(2Mbps)	-
2.4-2.4835GHz	79
BT-EDR(3Mbps)	-
2.4-2.4835GHz	79

Result

Mode	Result	Hopping No	Limit
BT-BR(1Mbps)	-	-	-
2440MHz	Pass	79	15
BT-EDR(2Mbps)	-	-	-
2440MHz	Pass	79	15
BT-EDR(3Mbps)	-	-	-
2440MHz	Pass	79	15







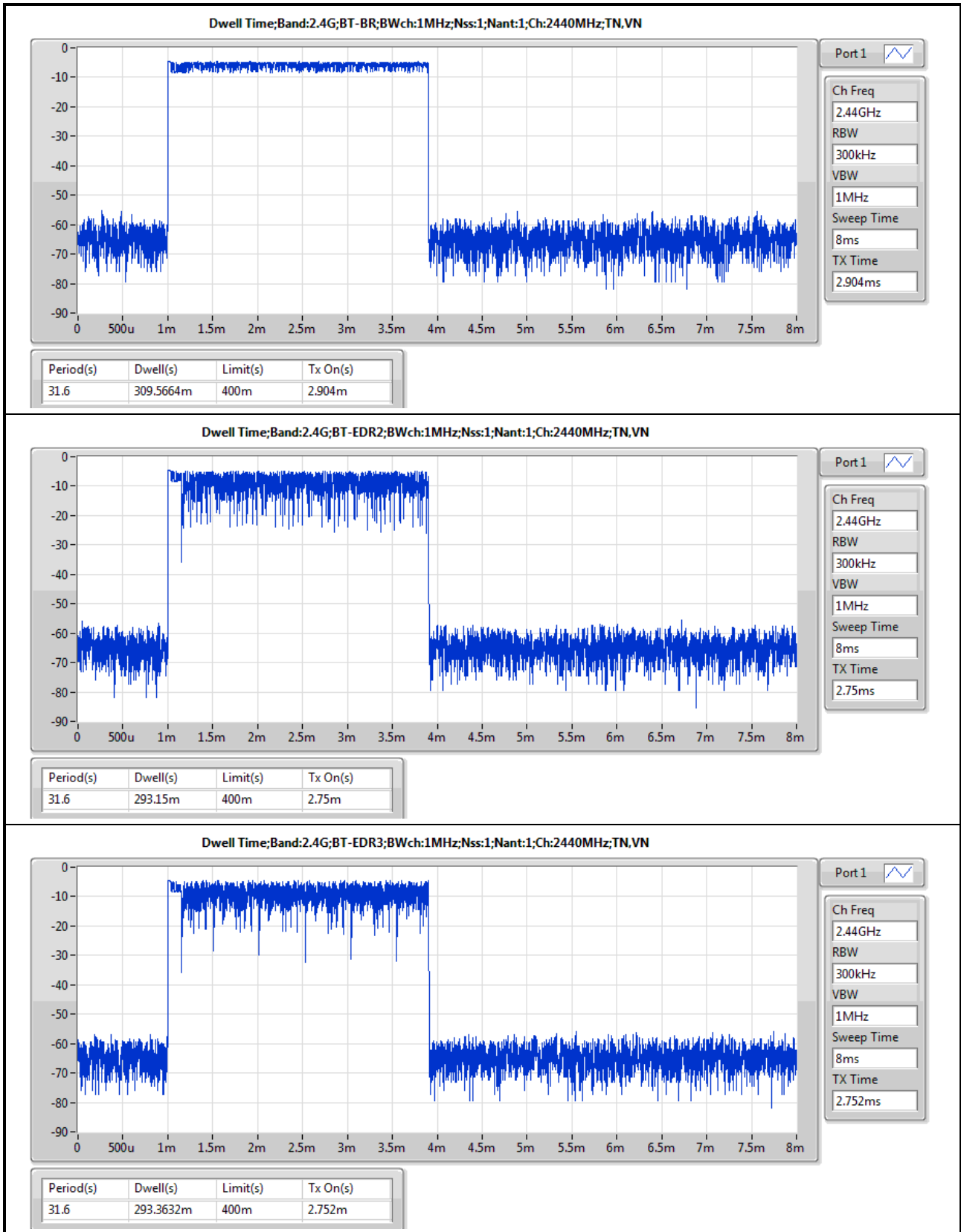


Summary

Mode	Max-Dwell (s)
BT-BR(1Mbps)	-
2.4-2.4835GHz	309.5664m
BT-EDR(2Mbps)	-
2.4-2.4835GHz	293.15m
BT-EDR(3Mbps)	-
2.4-2.4835GHz	293.3632m

Result

Mode	Result	Period (s)	Dwell (s)	Limit (s)	Tx On (s)
BT-BR(1Mbps)	-	-	-	-	-
2440MHz	Pass	31.6	309.5664m	400m	2.904m
BT-EDR(2Mbps)	-	-	-	-	-
2440MHz	Pass	31.6	293.15m	400m	2.75m
BT-EDR(3Mbps)	-	-	-	-	-
2440MHz	Pass	31.6	293.3632m	400m	2.752m





Summary

Mode	Sum (dBm)	Power (W)
BT-BR(1Mbps)	-	-
2.4-2.4835GHz	0.92	0.00124
BT-EDR(2Mbps)	-	-
2.4-2.4835GHz	3.56	0.00227
BT-EDR(3Mbps)	-	-
2.4-2.4835GHz	4.08	0.00256

Result

Mode	Result	DG (dBi)	Sum (dBm)	Sum Lim. (dBm)
BT-BR(1Mbps)	-	-	-	-
2402MHz	Pass	5.50	0.68	21.00
2440MHz	Pass	5.50	0.92	21.00
2480MHz	Pass	5.50	0.83	21.00
BT-EDR(2Mbps)	-	-	-	-
2402MHz	Pass	5.50	3.23	21.00
2440MHz	Pass	5.50	3.52	21.00
2480MHz	Pass	5.50	3.56	21.00
BT-EDR(3Mbps)	-	-	-	-
2402MHz	Pass	5.50	3.83	21.00
2440MHz	Pass	5.50	4.08	21.00
2480MHz	Pass	5.50	4.00	21.00



Summary

Mode	Sum (dBm)	Power (W)
BT-BR(1Mbps)	-	-
2.4-2.4835GHz	0.60	0.00115
BT-EDR(2Mbps)	-	-
2.4-2.4835GHz	0.86	0.00122
BT-EDR(3Mbps)	-	-
2.4-2.4835GHz	0.93	0.00124

Result

Mode	Result	DG (dBi)	Sum (dBm)	Sum Lim. (dBm)
BT-BR(1Mbps)	-	-	-	-
2402MHz	Pass	5.50	0.29	21.00
2440MHz	Pass	5.50	0.60	21.00
2480MHz	Pass	5.50	0.46	21.00
BT-EDR(2Mbps)	-	-	-	-
2402MHz	Pass	5.50	0.43	21.00
2440MHz	Pass	5.50	0.86	21.00
2480MHz	Pass	5.50	0.50	21.00
BT-EDR(3Mbps)	-	-	-	-
2402MHz	Pass	5.50	0.53	21.00
2440MHz	Pass	5.50	0.93	21.00
2480MHz	Pass	5.50	0.81	21.00

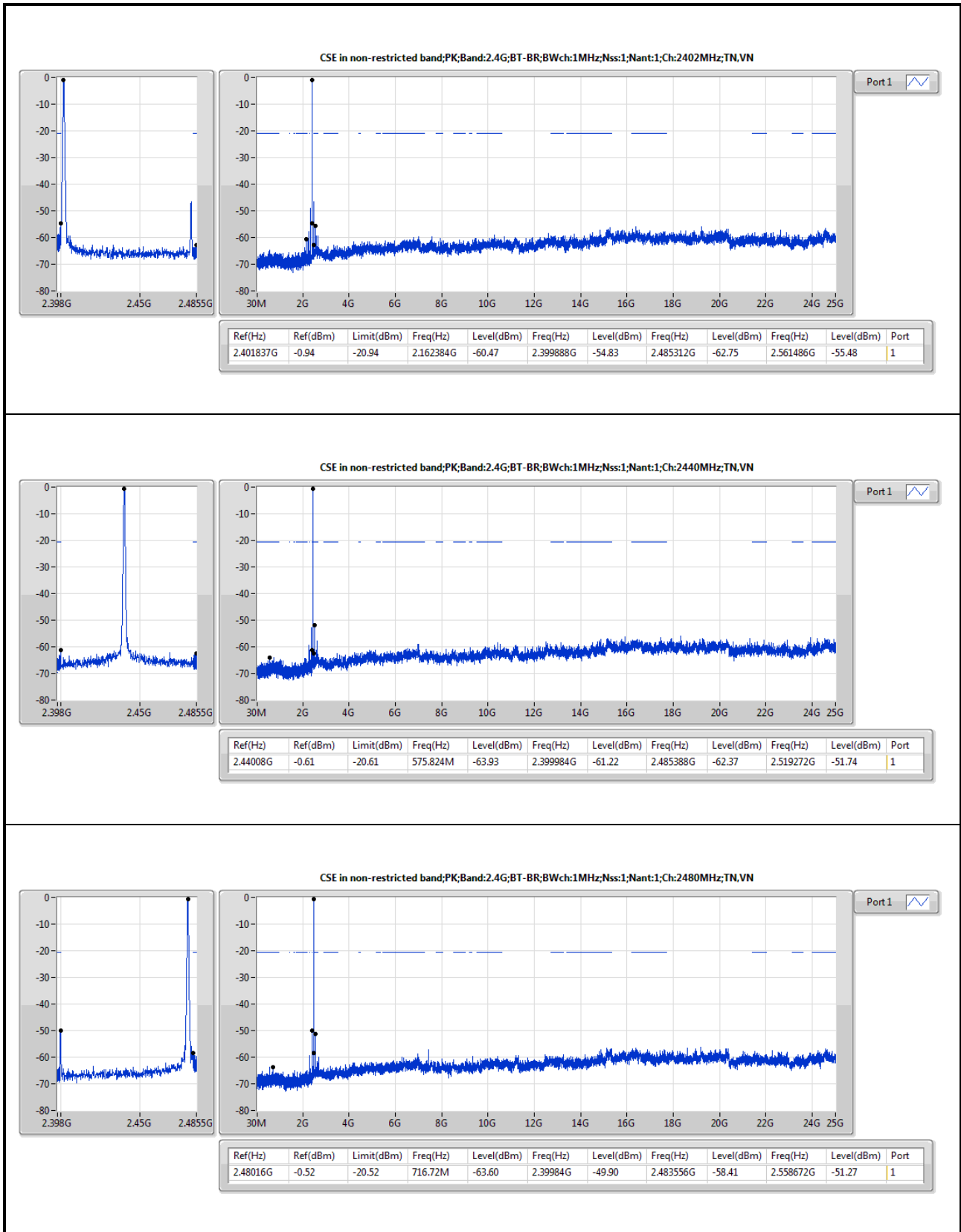


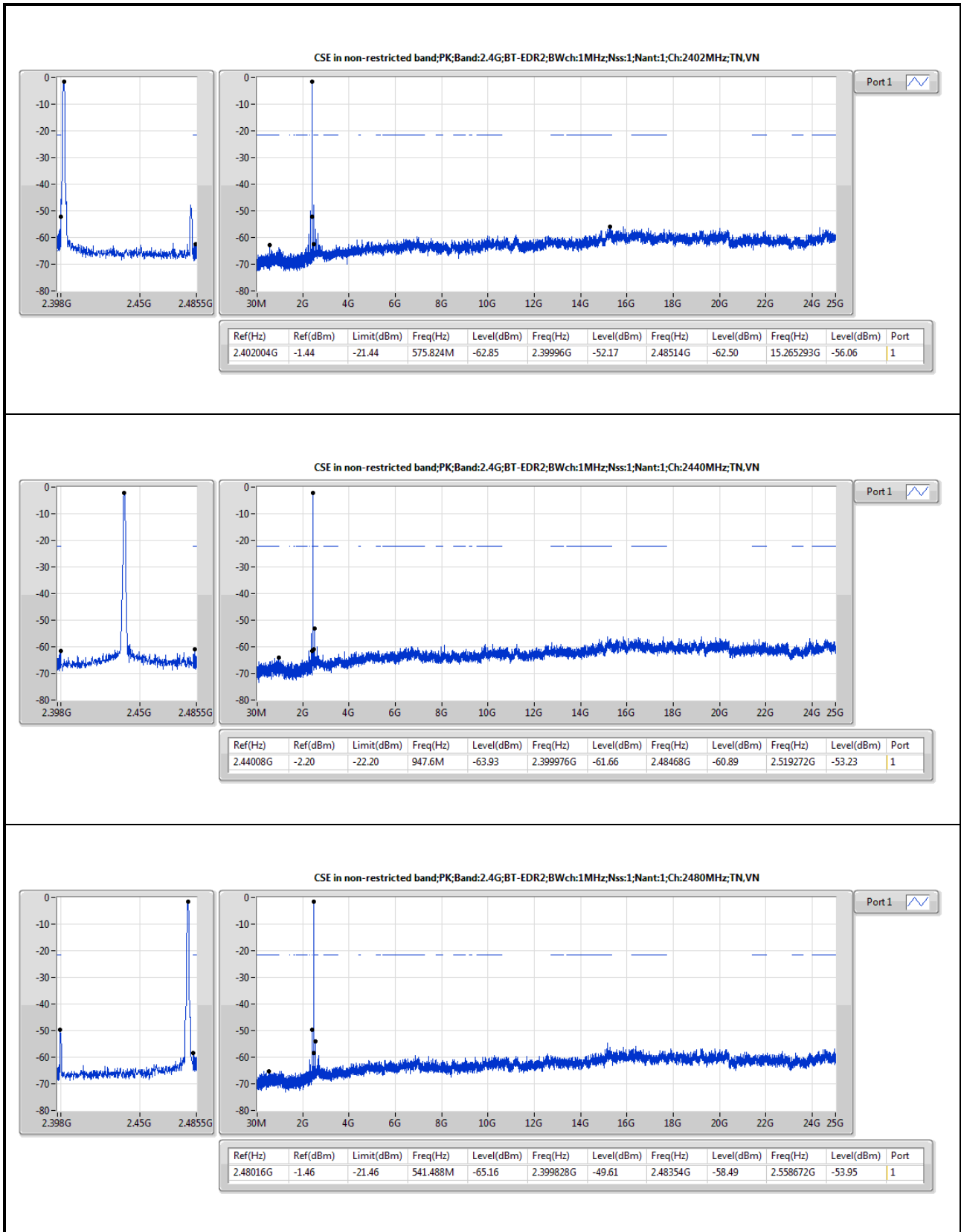
Summary

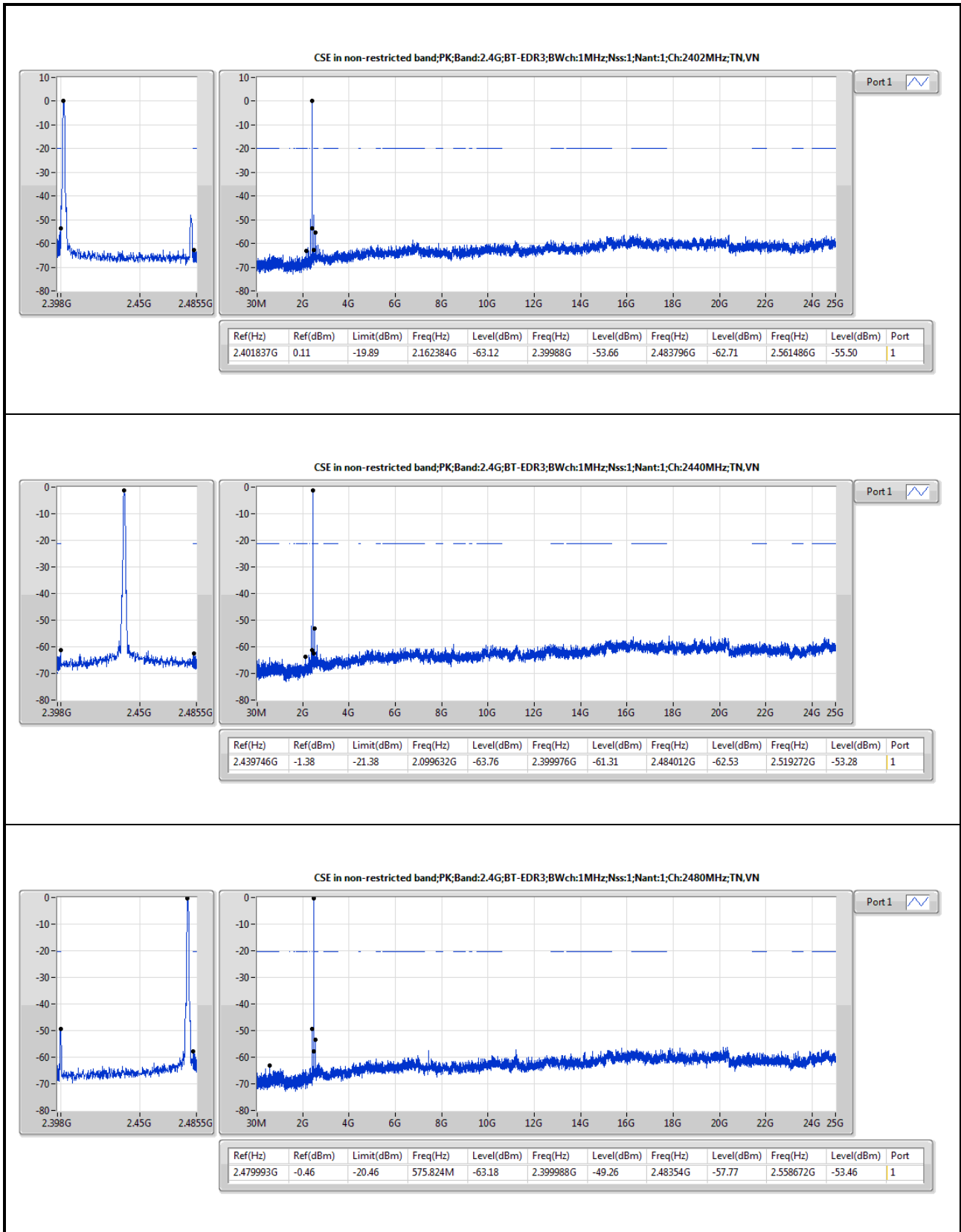
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
BT-EDR(2Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-
2.4-2.4835GHz	Pass	2.48016G	-1.46	-21.46	541.488M	-65.16	2.399828G	-49.61	2.48354G	-58.49	2.558672G	-53.95	1

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	Pass	2.401837G	-0.94	-20.94	2.162384G	-60.47	2.399888G	-54.83	2.485312G	-62.75	2.561486G	-55.48	1
2440MHz	Pass	2.44008G	-0.61	-20.61	575.824M	-63.93	2.399984G	-61.22	2.485388G	-62.37	2.519272G	-51.74	1
2480MHz	Pass	2.48016G	-0.52	-20.52	716.72M	-63.60	2.39984G	-49.90	2.483556G	-58.41	2.558672G	-51.27	1
BT-EDR(2Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.402004G	-1.44	-21.44	575.824M	-62.85	2.39996G	-52.17	2.48514G	-62.50	15.265293G	-56.06	1
2440MHz	Pass	2.44008G	-2.20	-22.20	947.6M	-63.93	2.399976G	-61.66	2.48468G	-60.89	2.519272G	-53.23	1
2480MHz	Pass	2.48016G	-1.46	-21.46	541.488M	-65.16	2.399828G	-49.61	2.48354G	-58.49	2.558672G	-53.95	1
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.401837G	0.11	-19.89	2.162384G	-63.12	2.39988G	-53.66	2.483796G	-62.71	2.561486G	-55.50	1
2440MHz	Pass	2.439746G	-1.38	-21.38	2.099632G	-63.76	2.399976G	-61.31	2.484012G	-62.53	2.519272G	-53.28	1
2480MHz	Pass	2.479993G	-0.46	-20.46	575.824M	-63.18	2.399988G	-49.26	2.48354G	-57.77	2.558672G	-53.46	1









Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-	-	-	-	-
2.4-2.4835GHz	Pass	PK	30M	33.44	40.00	-6.56	-4.25	3	H	NaN	NaN	-

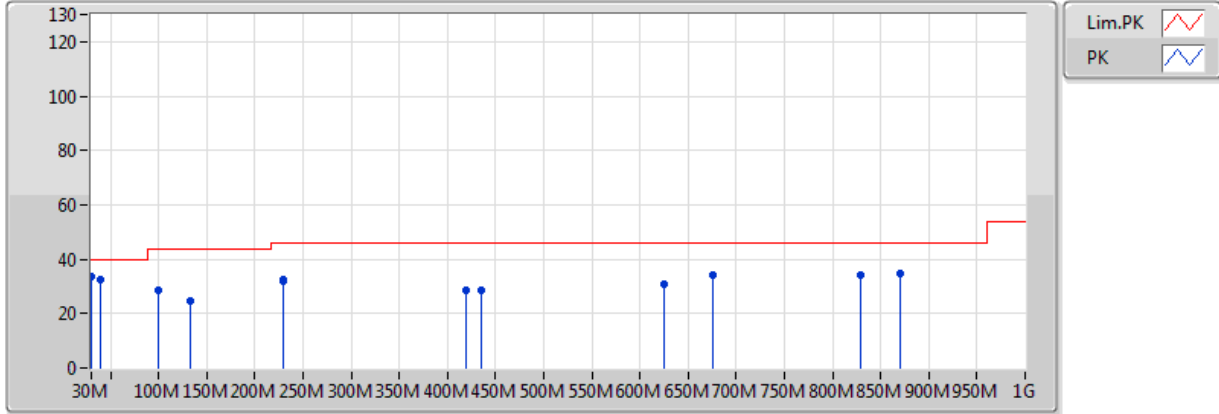


Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-	-	-	-	-
2440MHz	Pass	PK	30M	33.44	40.00	-6.56	-4.25	3	H	NaN	NaN	-
2440MHz	Pass	PK	132.82M	24.91	43.50	-18.59	-9.27	3	H	NaN	NaN	-
2440MHz	Pass	PK	229.82M	32.30	46.00	-13.70	-9.82	3	H	NaN	NaN	-
2440MHz	Pass	PK	419.94M	28.70	46.00	-17.30	-3.60	3	H	NaN	NaN	-
2440MHz	Pass	PK	676.02M	33.98	46.00	-12.02	-0.49	3	H	NaN	NaN	-
2440MHz	Pass	PK	829.28M	34.36	46.00	-11.64	1.73	3	H	NaN	NaN	-
2440MHz	Pass	PK	39.7M	32.41	40.00	-7.59	-9.05	3	V	NaN	NaN	-
2440MHz	Pass	PK	99.84M	28.56	43.50	-14.94	-10.50	3	V	NaN	NaN	-
2440MHz	Pass	PK	229.82M	32.12	46.00	-13.88	-9.82	3	V	NaN	NaN	-
2440MHz	Pass	PK	435.46M	28.70	46.00	-17.30	-3.31	3	V	NaN	NaN	-
2440MHz	Pass	PK	625.58M	30.83	46.00	-15.17	-0.91	3	V	NaN	NaN	-
2440MHz	Pass	PK	870.02M	34.56	46.00	-11.44	2.55	3	V	NaN	NaN	-

BT-EDR(3Mbps)

2440MHz_PCB



PCB ANT = ANT A+ANT B
EUT = Z axis, ANT= Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	30M	33.44	40.00	-6.56	-4.25	3	H	NaN	NaN	-
PK	132.82M	24.91	43.50	-18.59	-9.27	3	H	NaN	NaN	-
PK	229.82M	32.30	46.00	-13.70	-9.82	3	H	NaN	NaN	-
PK	419.94M	28.70	46.00	-17.30	-3.60	3	H	NaN	NaN	-
PK	676.02M	33.98	46.00	-12.02	-0.49	3	H	NaN	NaN	-
PK	829.28M	34.36	46.00	-11.64	1.73	3	H	NaN	NaN	-
PK	39.7M	32.41	40.00	-7.59	-9.05	3	V	NaN	NaN	-
PK	99.84M	28.56	43.50	-14.94	-10.50	3	V	NaN	NaN	-
PK	229.82M	32.12	46.00	-13.88	-9.82	3	V	NaN	NaN	-
PK	435.46M	28.70	46.00	-17.30	-3.31	3	V	NaN	NaN	-
PK	625.58M	30.83	46.00	-15.17	-0.91	3	V	NaN	NaN	-
PK	870.02M	34.56	46.00	-11.44	2.55	3	V	NaN	NaN	-



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-	-	-	-	-
2.4-2.4835GHz	Pass	PK	41.64M	29.15	40.00	-10.85	-10.02	3	V	NaN	NaN	-

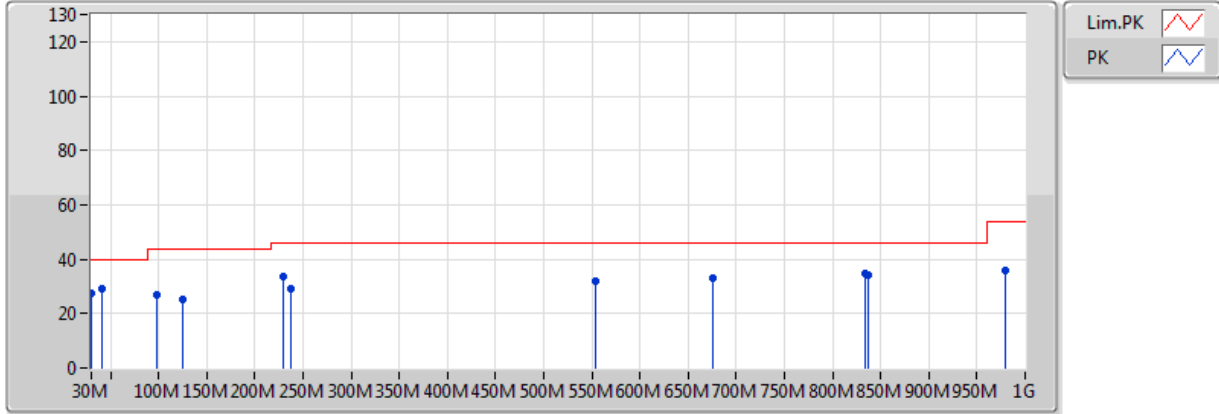


Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-	-	-	-	-
2440MHz	Pass	PK	30M	27.31	40.00	-12.69	-4.25	3	H	NaN	NaN	-
2440MHz	Pass	PK	125.06M	25.46	43.50	-18.04	-8.99	3	H	NaN	NaN	-
2440MHz	Pass	PK	229.82M	33.65	46.00	-12.35	-9.82	3	H	NaN	NaN	-
2440MHz	Pass	PK	553.8M	31.85	46.00	-14.15	-0.94	3	H	NaN	NaN	-
2440MHz	Pass	PK	676.02M	33.32	46.00	-12.68	-0.49	3	H	NaN	NaN	-
2440MHz	Pass	PK	833.16M	34.72	46.00	-11.28	1.82	3	H	NaN	NaN	-
2440MHz	Pass	PK	41.64M	29.15	40.00	-10.85	-10.02	3	V	NaN	NaN	-
2440MHz	Pass	PK	97.9M	26.85	43.50	-16.65	-10.88	3	V	NaN	NaN	-
2440MHz	Pass	PK	237.58M	28.98	46.00	-17.02	-8.84	3	V	NaN	NaN	-
2440MHz	Pass	PK	676.02M	33.22	46.00	-12.78	-0.49	3	V	NaN	NaN	-
2440MHz	Pass	PK	837.04M	34.16	46.00	-11.84	1.90	3	V	NaN	NaN	-
2440MHz	Pass	PK	978.66M	36.09	54.00	-17.91	3.61	3	V	NaN	NaN	-

BT-EDR(3Mbps)

2440MHz_PIFA



PIFA+PCB ANT = ANT A+ANT B
EUT =Z axis, ANT=Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	30M	27.31	40.00	-12.69	-4.25	3	H	NaN	NaN	-
PK	125.06M	25.46	43.50	-18.04	-8.99	3	H	NaN	NaN	-
PK	229.82M	33.65	46.00	-12.35	-9.82	3	H	NaN	NaN	-
PK	553.8M	31.85	46.00	-14.15	-0.94	3	H	NaN	NaN	-
PK	676.02M	33.32	46.00	-12.68	-0.49	3	H	NaN	NaN	-
PK	833.16M	34.72	46.00	-11.28	1.82	3	H	NaN	NaN	-
PK	41.64M	29.15	40.00	-10.85	-10.02	3	V	NaN	NaN	-
PK	97.9M	26.85	43.50	-16.65	-10.88	3	V	NaN	NaN	-
PK	237.58M	28.98	46.00	-17.02	-8.84	3	V	NaN	NaN	-
PK	676.02M	33.22	46.00	-12.78	-0.49	3	V	NaN	NaN	-
PK	837.04M	34.16	46.00	-11.84	1.90	3	V	NaN	NaN	-
PK	978.66M	36.09	54.00	-17.91	3.61	3	V	NaN	NaN	-



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-	-	-	-	-
2.4-2.4835GHz	Pass	PK	2.48352G	64.89	74.00	-9.11	30.53	3	H	NaN	NaN	-



Result

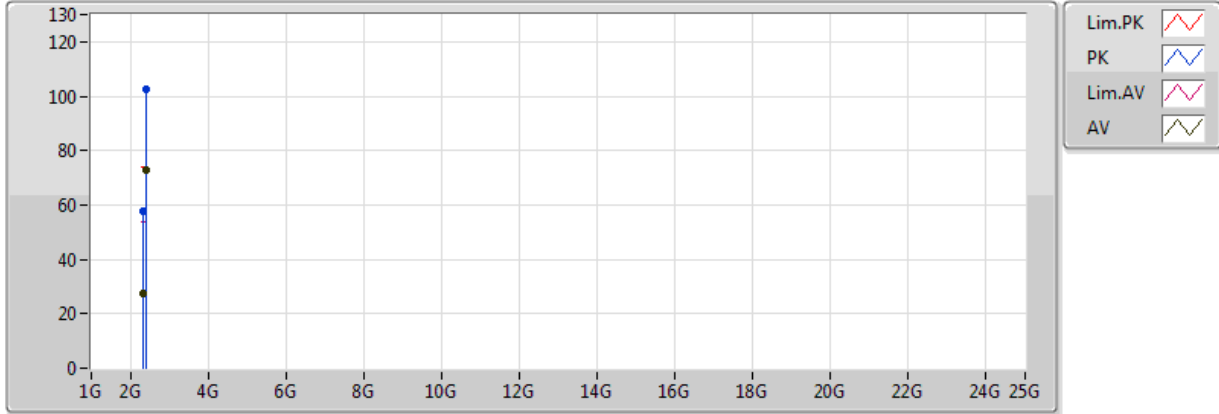
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
BT-BR(1Mbps)	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.321832G	27.47	54.00	-26.53	30.02	3	H	NaN	NaN	-
2402MHz	Pass	AV	2.402208G	72.71	Inf	-Inf	30.27	3	H	NaN	NaN	-
2402MHz	Pass	PK	2.321832G	57.57	74.00	-16.43	30.02	3	H	NaN	NaN	-
2402MHz	Pass	PK	2.402208G	102.81	Inf	-Inf	30.27	3	H	NaN	NaN	-
2440MHz	Pass	AV	2.35978G	27.08	54.00	-26.92	30.14	3	H	NaN	NaN	-
2440MHz	Pass	AV	2.43996G	71.30	Inf	-Inf	30.39	3	H	NaN	NaN	-
2440MHz	Pass	AV	2.49088G	25.99	54.00	-28.01	30.55	3	H	NaN	NaN	-
2440MHz	Pass	PK	2.35978G	57.18	74.00	-16.82	30.14	3	H	NaN	NaN	-
2440MHz	Pass	PK	2.43996G	101.40	Inf	-Inf	30.39	3	H	NaN	NaN	-
2440MHz	Pass	PK	2.49088G	56.09	74.00	-17.91	30.55	3	H	NaN	NaN	-
2480MHz	Pass	AV	2.48G	70.57	Inf	-Inf	30.52	3	H	NaN	NaN	-
2480MHz	Pass	AV	2.48352G	32.82	54.00	-21.18	30.53	3	H	NaN	NaN	-
2480MHz	Pass	PK	2.48G	100.67	Inf	-Inf	30.52	3	H	NaN	NaN	-
2480MHz	Pass	PK	2.48352G	62.92	74.00	-11.08	30.53	3	H	NaN	NaN	-
BT-EDR(2Mbps)	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.322036G	28.89	54.00	-25.11	30.02	3	H	NaN	NaN	-
2402MHz	Pass	AV	2.402208G	74.91	Inf	-Inf	30.27	3	H	NaN	NaN	-
2402MHz	Pass	PK	2.322036G	58.99	74.00	-15.01	30.02	3	H	NaN	NaN	-
2402MHz	Pass	PK	2.402208G	105.01	Inf	-Inf	30.27	3	H	NaN	NaN	-
2440MHz	Pass	AV	2.35978G	27.38	54.00	-26.62	30.14	3	H	NaN	NaN	-
2440MHz	Pass	AV	2.43996G	73.58	Inf	-Inf	30.39	3	H	NaN	NaN	-
2440MHz	Pass	AV	2.4924G	26.08	54.00	-27.92	30.56	3	H	NaN	NaN	-
2440MHz	Pass	PK	2.35978G	57.48	74.00	-16.52	30.14	3	H	NaN	NaN	-
2440MHz	Pass	PK	2.43996G	103.68	Inf	-Inf	30.39	3	H	NaN	NaN	-
2440MHz	Pass	PK	2.4924G	56.18	74.00	-17.82	30.56	3	H	NaN	NaN	-
2480MHz	Pass	AV	2.48016G	72.75	Inf	-Inf	30.52	3	H	NaN	NaN	-
2480MHz	Pass	AV	2.48352G	34.72	54.00	-19.28	30.53	3	H	NaN	NaN	-
2480MHz	Pass	PK	2.48016G	102.85	Inf	-Inf	30.52	3	H	NaN	NaN	-
2480MHz	Pass	PK	2.48352G	64.82	74.00	-9.18	30.53	3	H	NaN	NaN	-
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.322036G	29.42	54.00	-24.58	30.02	3	H	NaN	NaN	-
2402MHz	Pass	AV	2.402004G	75.12	Inf	-Inf	30.27	3	H	NaN	NaN	-
2402MHz	Pass	AV	4.804G	15.72	54.00	-38.28	0.91	3	H	NaN	NaN	-
2402MHz	Pass	PK	2.322036G	59.52	74.00	-14.48	30.02	3	H	NaN	NaN	-
2402MHz	Pass	PK	2.402004G	105.22	Inf	-Inf	30.27	3	H	NaN	NaN	-
2402MHz	Pass	PK	4.804G	45.82	74.00	-28.18	0.91	3	H	NaN	NaN	-
2402MHz	Pass	PK	7.206G	50.15	Inf	-Inf	6.18	3	H	NaN	NaN	-
2402MHz	Pass	PK	9.608G	54.64	Inf	-Inf	9.45	3	H	NaN	NaN	-
2402MHz	Pass	AV	4.804G	15.85	54.00	-38.15	0.91	3	V	NaN	NaN	-
2402MHz	Pass	PK	4.804G	45.95	74.00	-28.05	0.91	3	V	NaN	NaN	-
2402MHz	Pass	PK	7.206G	50.58	Inf	-Inf	6.18	3	V	NaN	NaN	-
2402MHz	Pass	PK	9.608G	54.28	Inf	-Inf	9.45	3	V	NaN	NaN	-
2440MHz	Pass	AV	2.35978G	28.02	54.00	-25.98	30.14	3	H	NaN	NaN	-
2440MHz	Pass	AV	2.43996G	73.76	Inf	-Inf	30.39	3	H	NaN	NaN	-
2440MHz	Pass	AV	2.49582G	26.55	54.00	-27.45	30.57	3	H	NaN	NaN	-
2440MHz	Pass	PK	2.35978G	58.12	74.00	-15.88	30.14	3	H	NaN	NaN	-
2440MHz	Pass	PK	2.43996G	103.86	Inf	-Inf	30.39	3	H	NaN	NaN	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
2440MHz	Pass	PK	2.49582G	56.65	74.00	-17.35	30.57	3	H	NaN	NaN	-
2440MHz	Pass	AV	4.88G	15.81	54.00	-38.19	1.07	3	H	NaN	NaN	-
2440MHz	Pass	AV	7.32G	21.26	54.00	-32.74	6.46	3	H	NaN	NaN	-
2440MHz	Pass	PK	4.88G	45.91	74.00	-28.09	1.07	3	H	NaN	NaN	-
2440MHz	Pass	PK	7.32G	51.36	74.00	-22.64	6.46	3	H	NaN	NaN	-
2440MHz	Pass	PK	9.76G	54.59	Inf	-Inf	9.62	3	H	NaN	NaN	-
2440MHz	Pass	AV	4.88G	15.96	54.00	-38.04	1.07	3	V	NaN	NaN	-
2440MHz	Pass	AV	7.32G	21.62	54.00	-32.38	6.46	3	V	NaN	NaN	-
2440MHz	Pass	PK	4.88G	46.06	74.00	-27.94	1.07	3	V	NaN	NaN	-
2440MHz	Pass	PK	7.32G	51.72	74.00	-22.28	6.46	3	V	NaN	NaN	-
2440MHz	Pass	PK	9.76G	53.01	Inf	-Inf	9.62	3	V	NaN	NaN	-
2480MHz	Pass	AV	2.47984G	73.01	Inf	-Inf	30.52	3	H	NaN	NaN	-
2480MHz	Pass	AV	2.48352G	34.79	54.00	-19.21	30.53	3	H	NaN	NaN	-
2480MHz	Pass	AV	4.96G	15.19	54.00	-38.81	1.25	3	H	NaN	NaN	-
2480MHz	Pass	AV	7.44G	20.51	54.00	-33.49	6.75	3	H	NaN	NaN	-
2480MHz	Pass	PK	2.47984G	103.11	Inf	-Inf	30.52	3	H	NaN	NaN	-
2480MHz	Pass	PK	2.48352G	64.89	74.00	-9.11	30.53	3	H	NaN	NaN	-
2480MHz	Pass	PK	4.96G	45.29	74.00	-28.71	1.25	3	H	NaN	NaN	-
2480MHz	Pass	PK	7.44G	50.61	74.00	-23.39	6.75	3	H	NaN	NaN	-
2480MHz	Pass	PK	9.92G	54.99	Inf	-Inf	9.79	3	H	NaN	NaN	-
2480MHz	Pass	AV	4.96G	15.50	54.00	-38.50	1.25	3	V	NaN	NaN	-
2480MHz	Pass	AV	7.44G	20.97	54.00	-33.03	6.75	3	V	NaN	NaN	-
2480MHz	Pass	PK	4.96G	45.60	74.00	-28.40	1.25	3	V	NaN	NaN	-
2480MHz	Pass	PK	7.44G	51.07	74.00	-22.93	6.75	3	V	NaN	NaN	-
2480MHz	Pass	PK	9.92G	54.66	Inf	-Inf	9.79	3	V	NaN	NaN	-

BT-BR(1Mbps)

2402MHz_PCB

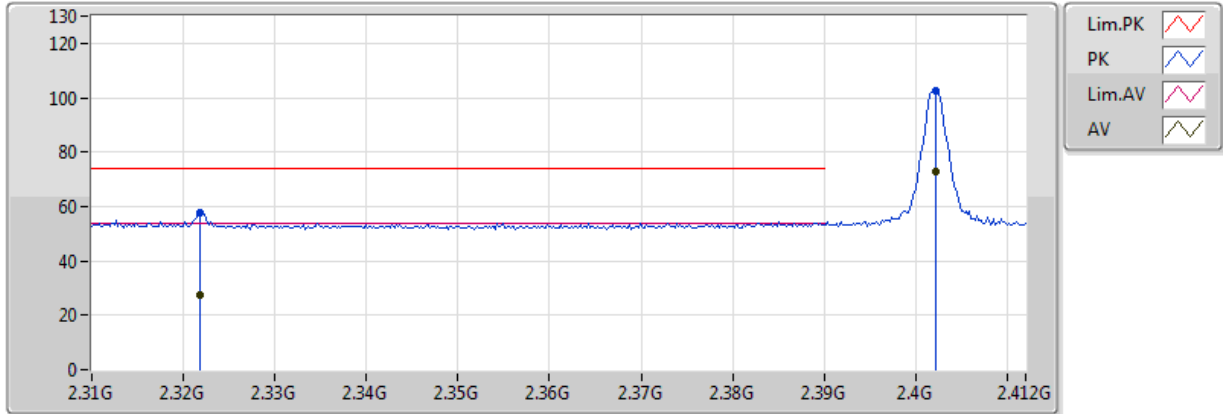


PCB ANT = ANT A+ANT B
 EUT = Z axis, ANT= Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.321832G	27.47	54.00	-26.53	30.02	3	H	NaN	NaN	-
AV	2.402208G	72.71	Inf	-Inf	30.27	3	H	NaN	NaN	-
PK	2.321832G	57.57	74.00	-16.43	30.02	3	H	NaN	NaN	-
PK	2.402208G	102.81	Inf	-Inf	30.27	3	H	NaN	NaN	-

BT-BR(1Mbps)

2402MHz_PCB

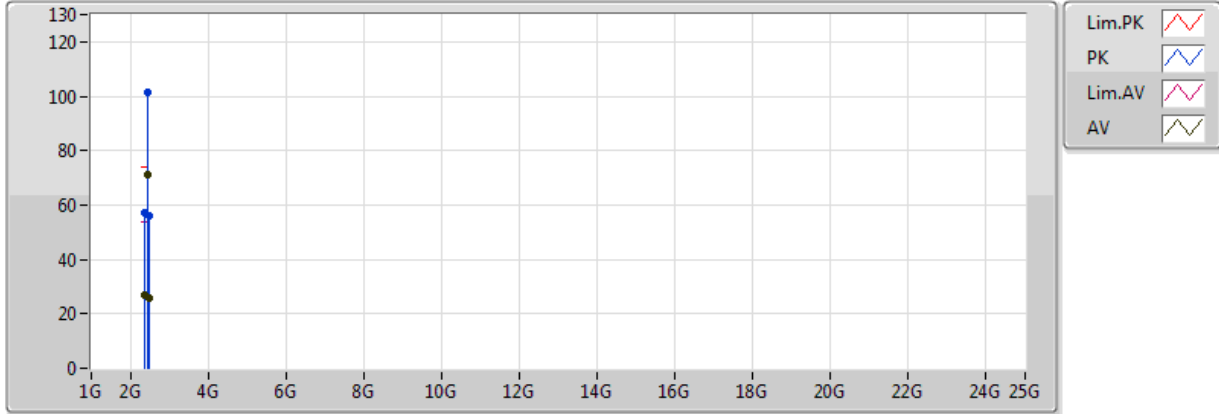


PCB ANT = ANT A+ ANT B
 EUT = Z axis, ANT= Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.321832G	27.47	54.00	-26.53	30.02	3	H	NaN	NaN	-
AV	2.402208G	72.71	Inf	-Inf	30.27	3	H	NaN	NaN	-
PK	2.321832G	57.57	74.00	-16.43	30.02	3	H	NaN	NaN	-
PK	2.402208G	102.81	Inf	-Inf	30.27	3	H	NaN	NaN	-

BT-BR(1Mbps)

2440MHz_PCB

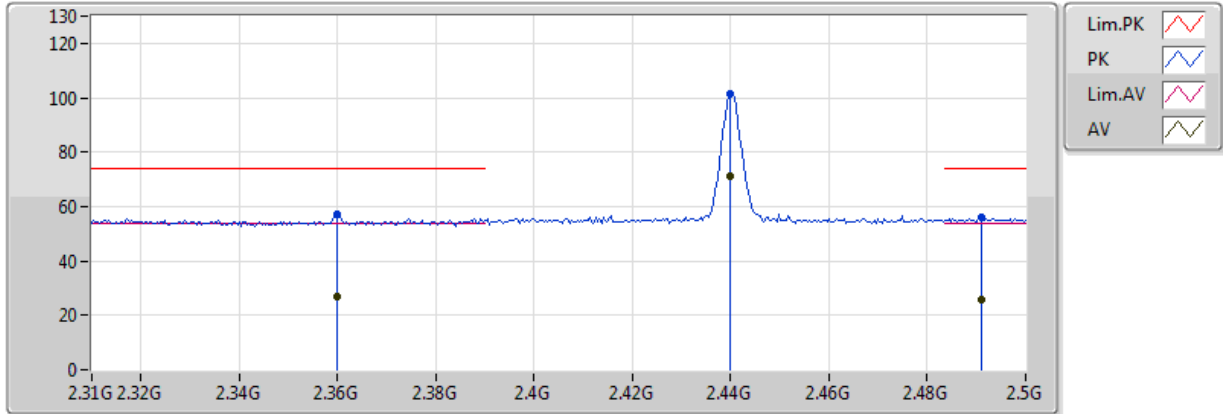


PCB ANT = ANT A+ANT B
 EUT = Z axis, ANT= Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.35978G	27.08	54.00	-26.92	30.14	3	H	NaN	NaN	-
AV	2.43996G	71.30	Inf	-Inf	30.39	3	H	NaN	NaN	-
AV	2.49088G	25.99	54.00	-28.01	30.55	3	H	NaN	NaN	-
PK	2.35978G	57.18	74.00	-16.82	30.14	3	H	NaN	NaN	-
PK	2.43996G	101.40	Inf	-Inf	30.39	3	H	NaN	NaN	-
PK	2.49088G	56.09	74.00	-17.91	30.55	3	H	NaN	NaN	-

BT-BR(1Mbps)

2440MHz_PCB

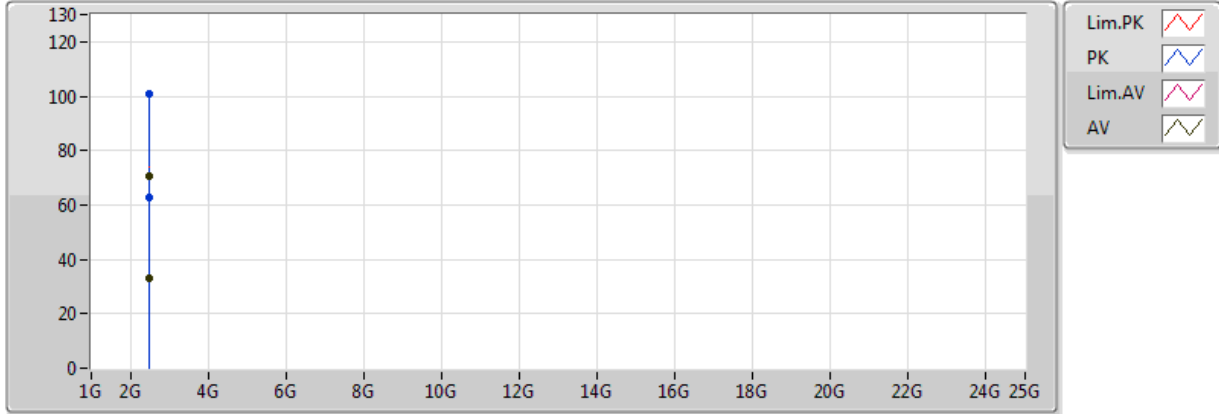


PCB ANT = ANT A+ANT B
 EUT = Z axis, ANT= Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.35978G	27.08	54.00	-26.92	30.14	3	H	NaN	NaN	-
AV	2.43996G	71.30	Inf	-Inf	30.39	3	H	NaN	NaN	-
AV	2.49088G	25.99	54.00	-28.01	30.55	3	H	NaN	NaN	-
PK	2.35978G	57.18	74.00	-16.82	30.14	3	H	NaN	NaN	-
PK	2.43996G	101.40	Inf	-Inf	30.39	3	H	NaN	NaN	-
PK	2.49088G	56.09	74.00	-17.91	30.55	3	H	NaN	NaN	-

BT-BR(1Mbps)

2480MHz_PCB

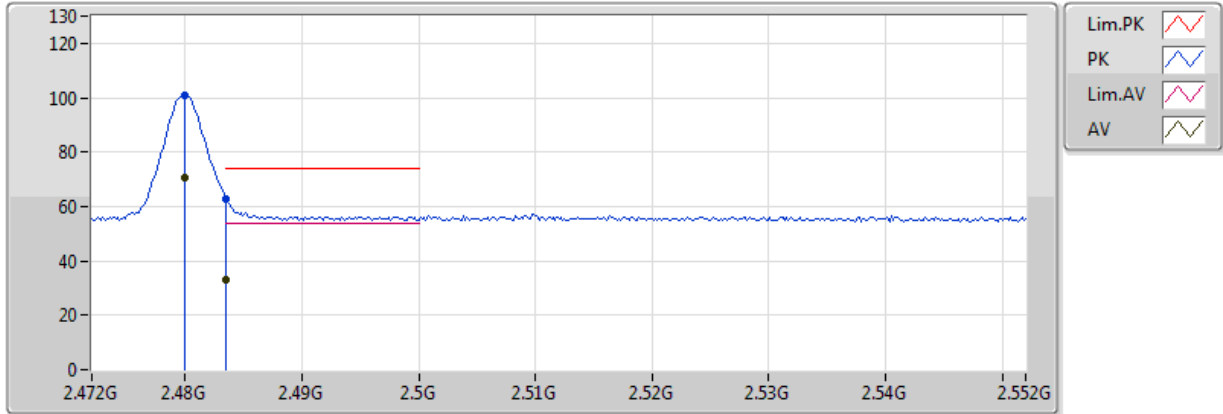


PCB ANT = ANT A+ANT B
 EUT = Z axis, ANT= Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.48G	70.57	Inf	-Inf	30.52	3	H	NaN	NaN	-
AV	2.48352G	32.82	54.00	-21.18	30.53	3	H	NaN	NaN	-
PK	2.48G	100.67	Inf	-Inf	30.52	3	H	NaN	NaN	-
PK	2.48352G	62.92	74.00	-11.08	30.53	3	H	NaN	NaN	-

BT-BR(1Mbps)

2480MHz_PCB

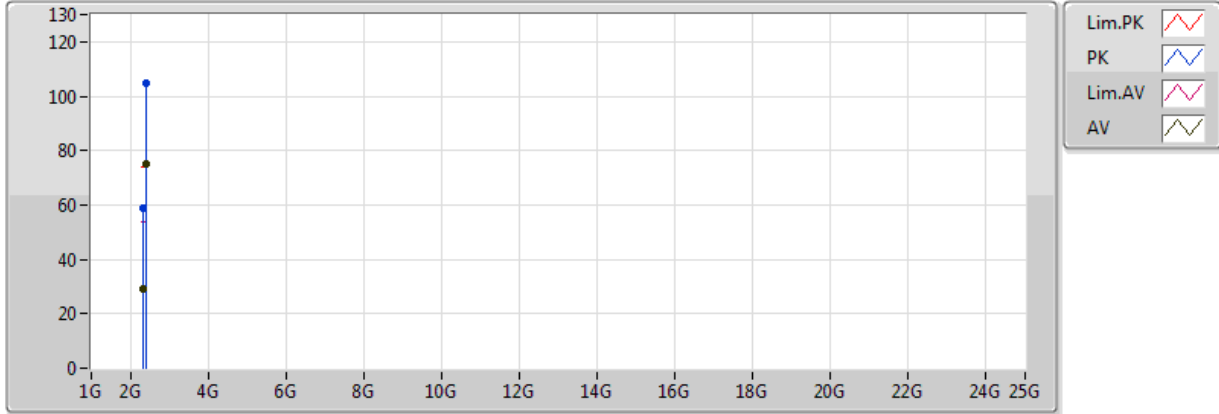


PCB ANT = ANT A+ ANT B
 EUT = Z axis, ANT= Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.48G	70.57	Inf	-Inf	30.52	3	H	NaN	NaN	-
AV	2.48352G	32.82	54.00	-21.18	30.53	3	H	NaN	NaN	-
PK	2.48G	100.67	Inf	-Inf	30.52	3	H	NaN	NaN	-
PK	2.48352G	62.92	74.00	-11.08	30.53	3	H	NaN	NaN	-

BT-EDR(2Mbps)

2402MHz_PCB

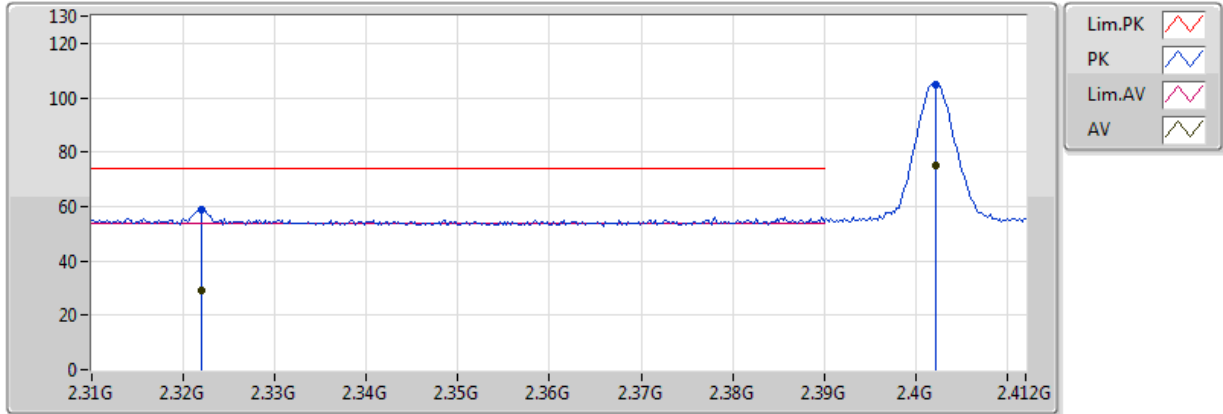


PCB ANT = ANT A+ANT B
 EUT = Z axis, ANT= Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.322036G	28.89	54.00	-25.11	30.02	3	H	NaN	NaN	-
AV	2.402208G	74.91	Inf	-Inf	30.27	3	H	NaN	NaN	-
PK	2.322036G	58.99	74.00	-15.01	30.02	3	H	NaN	NaN	-
PK	2.402208G	105.01	Inf	-Inf	30.27	3	H	NaN	NaN	-

BT-EDR(2Mbps)

2402MHz_PCB

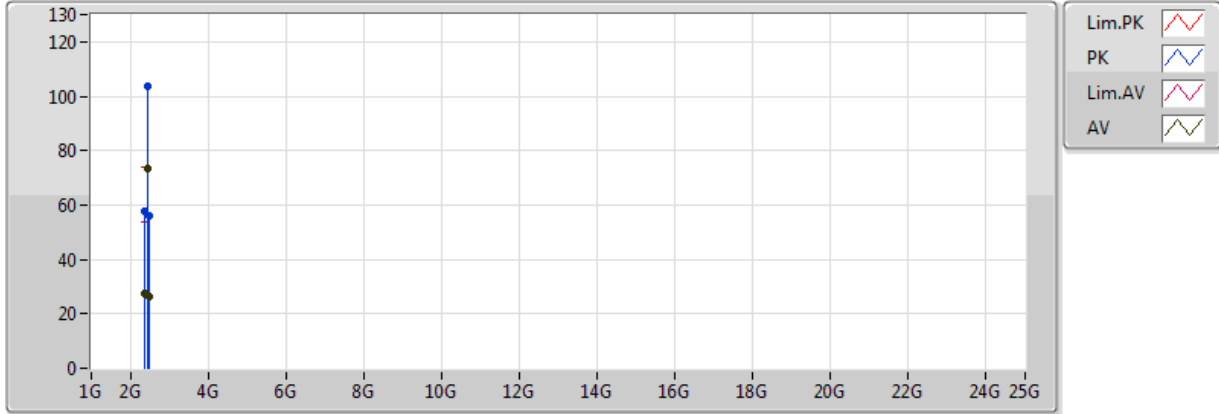


PCB ANT = ANT A+ ANT B
 EUT = Z axis, ANT= Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.322036G	28.89	54.00	-25.11	30.02	3	H	NaN	NaN	-
AV	2.402208G	74.91	Inf	-Inf	30.27	3	H	NaN	NaN	-
PK	2.322036G	58.99	74.00	-15.01	30.02	3	H	NaN	NaN	-
PK	2.402208G	105.01	Inf	-Inf	30.27	3	H	NaN	NaN	-

BT-EDR(2Mbps)

2440MHz_PCB

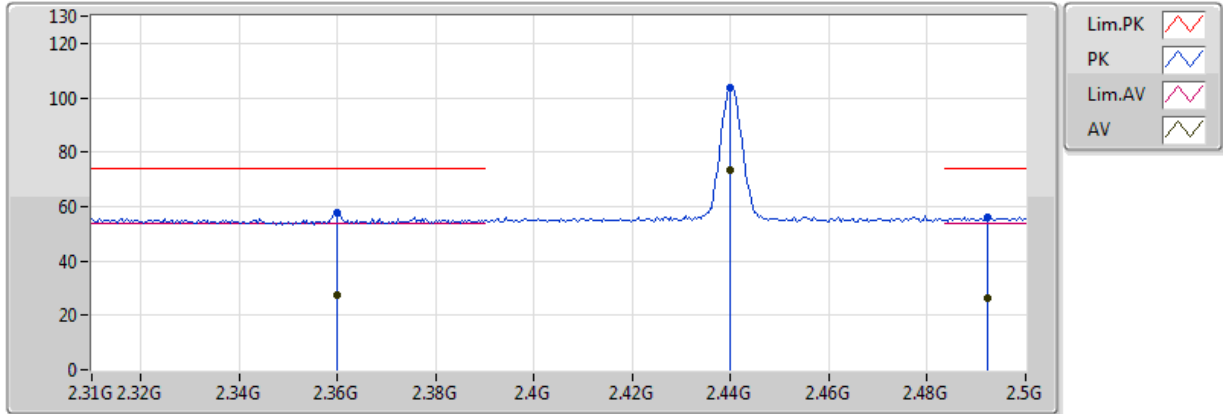


PCB ANT = ANT A+ANT B
 EUT = Z axis, ANT= Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.35978G	27.38	54.00	-26.62	30.14	3	H	NaN	NaN	-
AV	2.43996G	73.58	Inf	-Inf	30.39	3	H	NaN	NaN	-
AV	2.4924G	26.08	54.00	-27.92	30.56	3	H	NaN	NaN	-
PK	2.35978G	57.48	74.00	-16.52	30.14	3	H	NaN	NaN	-
PK	2.43996G	103.68	Inf	-Inf	30.39	3	H	NaN	NaN	-
PK	2.4924G	56.18	74.00	-17.82	30.56	3	H	NaN	NaN	-

BT-EDR(2Mbps)

2440MHz_PCB

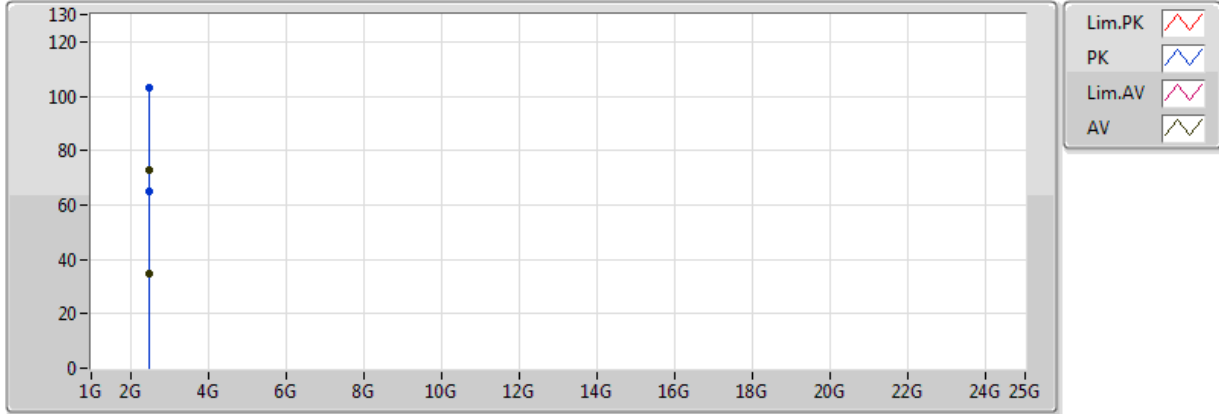


PCB ANT = ANT A+ANT B
 EUT = Z axis, ANT= Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.35978G	27.38	54.00	-26.62	30.14	3	H	NaN	NaN	-
AV	2.43996G	73.58	Inf	-Inf	30.39	3	H	NaN	NaN	-
AV	2.4924G	26.08	54.00	-27.92	30.56	3	H	NaN	NaN	-
PK	2.35978G	57.48	74.00	-16.52	30.14	3	H	NaN	NaN	-
PK	2.43996G	103.68	Inf	-Inf	30.39	3	H	NaN	NaN	-
PK	2.4924G	56.18	74.00	-17.82	30.56	3	H	NaN	NaN	-

BT-EDR(2Mbps)

2480MHz_PCB

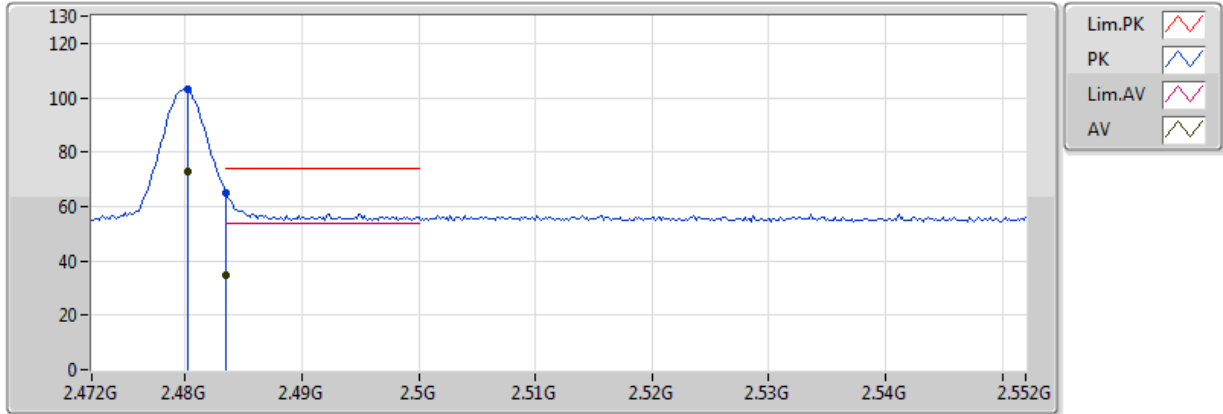


PCB ANT = ANT A+ANT B
 EUT = Z axis, ANT= Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.48016G	72.75	Inf	-Inf	30.52	3	H	NaN	NaN	-
AV	2.48352G	34.72	54.00	-19.28	30.53	3	H	NaN	NaN	-
PK	2.48016G	102.85	Inf	-Inf	30.52	3	H	NaN	NaN	-
PK	2.48352G	64.82	74.00	-9.18	30.53	3	H	NaN	NaN	-

BT-EDR(2Mbps)

2480MHz_PCB

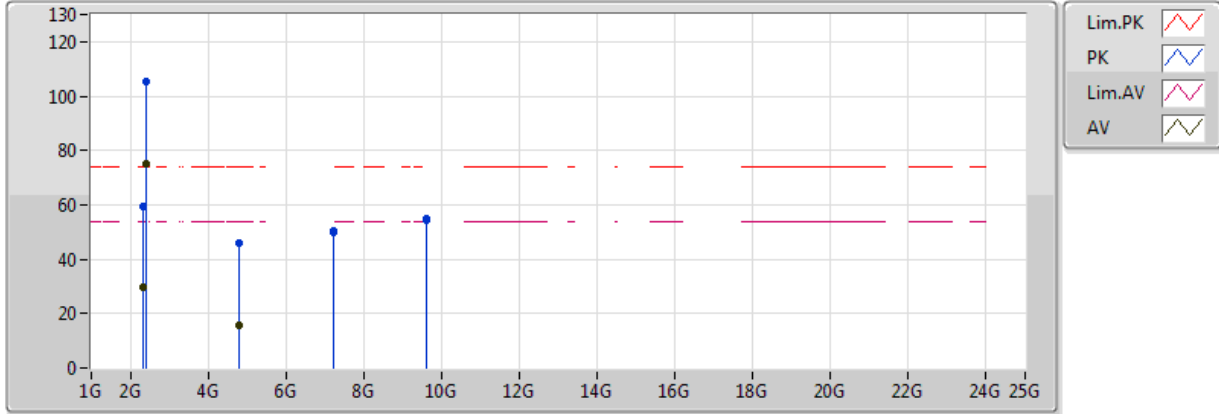


PCB ANT = ANT A+ ANT B
 EUT = Z axis, ANT= Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.48016G	72.75	Inf	-Inf	30.52	3	H	NaN	NaN	-
AV	2.48352G	34.72	54.00	-19.28	30.53	3	H	NaN	NaN	-
PK	2.48016G	102.85	Inf	-Inf	30.52	3	H	NaN	NaN	-
PK	2.48352G	64.82	74.00	-9.18	30.53	3	H	NaN	NaN	-

BT-EDR(3Mbps)

2402MHz_PCB

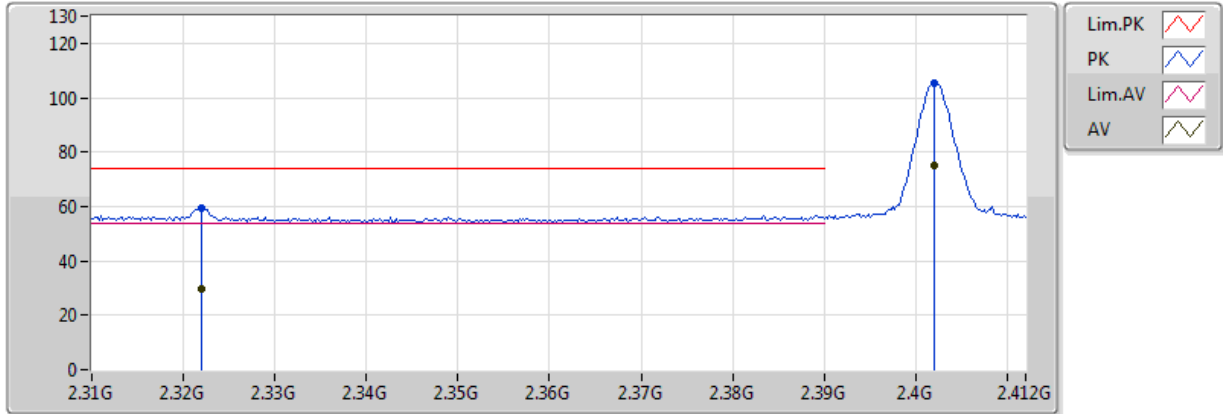


PCB ANT = ANT A+ANT B
EUT = Z axis, ANT= Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.322036G	29.42	54.00	-24.58	30.02	3	H	NaN	NaN	-
AV	2.402004G	75.12	Inf	-Inf	30.27	3	H	NaN	NaN	-
AV	4.804G	15.72	54.00	-38.28	0.91	3	H	NaN	NaN	-
PK	2.322036G	59.52	74.00	-14.48	30.02	3	H	NaN	NaN	-
PK	2.402004G	105.22	Inf	-Inf	30.27	3	H	NaN	NaN	-
PK	4.804G	45.82	74.00	-28.18	0.91	3	H	NaN	NaN	-
PK	7.206G	50.15	Inf	-Inf	6.18	3	H	NaN	NaN	-
PK	9.608G	54.64	Inf	-Inf	9.45	3	H	NaN	NaN	-
AV	4.804G	15.85	54.00	-38.15	0.91	3	V	NaN	NaN	-
PK	4.804G	45.95	74.00	-28.05	0.91	3	V	NaN	NaN	-
PK	7.206G	50.58	Inf	-Inf	6.18	3	V	NaN	NaN	-
PK	9.608G	54.28	Inf	-Inf	9.45	3	V	NaN	NaN	-

BT-EDR(3Mbps)

2402MHz_PCB



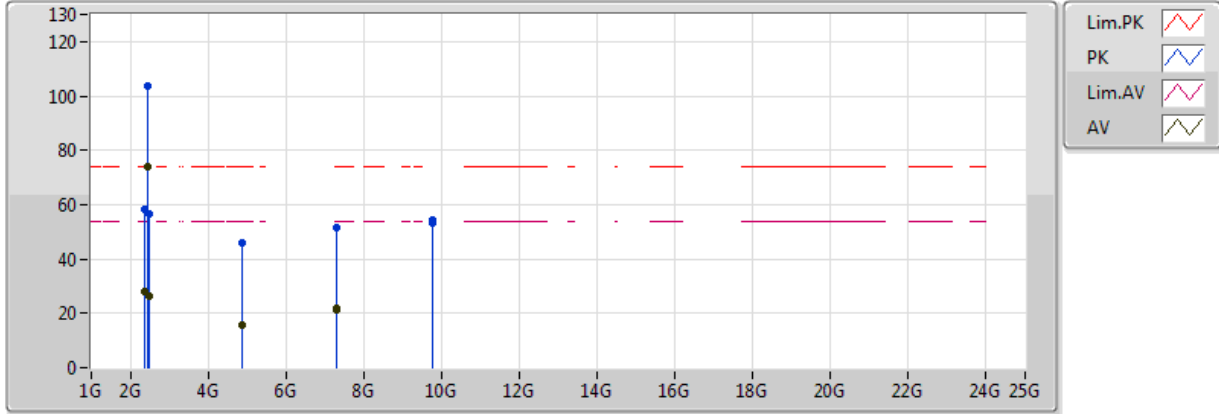
PCB ANT = ANT A+ ANT B
 EUT = Z axis, ANT= Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.322036G	29.42	54.00	-24.58	30.02	3	H	NaN	NaN	-
AV	2.402004G	75.12	Inf	-Inf	30.27	3	H	NaN	NaN	-
PK	2.322036G	59.52	74.00	-14.48	30.02	3	H	NaN	NaN	-
PK	2.402004G	105.22	Inf	-Inf	30.27	3	H	NaN	NaN	-



BT-EDR(3Mbps)

2440MHz_PCB

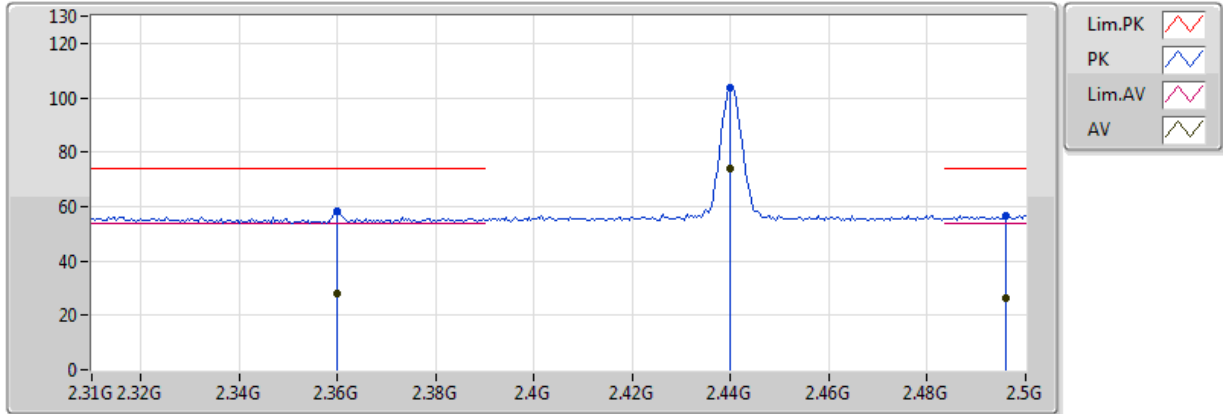


PCB ANT = ANT A+ANT B
EUT = Z axis, ANT= Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.35978G	28.02	54.00	-25.98	30.14	3	H	NaN	NaN	-
AV	2.43996G	73.76	Inf	-Inf	30.39	3	H	NaN	NaN	-
AV	2.49582G	26.55	54.00	-27.45	30.57	3	H	NaN	NaN	-
PK	2.35978G	58.12	74.00	-15.88	30.14	3	H	NaN	NaN	-
PK	2.43996G	103.86	Inf	-Inf	30.39	3	H	NaN	NaN	-
PK	2.49582G	56.65	74.00	-17.35	30.57	3	H	NaN	NaN	-
AV	4.88G	15.81	54.00	-38.19	1.07	3	H	NaN	NaN	-
AV	7.32G	21.26	54.00	-32.74	6.46	3	H	NaN	NaN	-
PK	4.88G	45.91	74.00	-28.09	1.07	3	H	NaN	NaN	-
PK	7.32G	51.36	74.00	-22.64	6.46	3	H	NaN	NaN	-
PK	9.76G	54.59	Inf	-Inf	9.62	3	H	NaN	NaN	-
AV	4.88G	15.96	54.00	-38.04	1.07	3	V	NaN	NaN	-
AV	7.32G	21.62	54.00	-32.38	6.46	3	V	NaN	NaN	-
PK	4.88G	46.06	74.00	-27.94	1.07	3	V	NaN	NaN	-
PK	7.32G	51.72	74.00	-22.28	6.46	3	V	NaN	NaN	-
PK	9.76G	53.01	Inf	-Inf	9.62	3	V	NaN	NaN	-

BT-EDR(3Mbps)

2440MHz_PCB

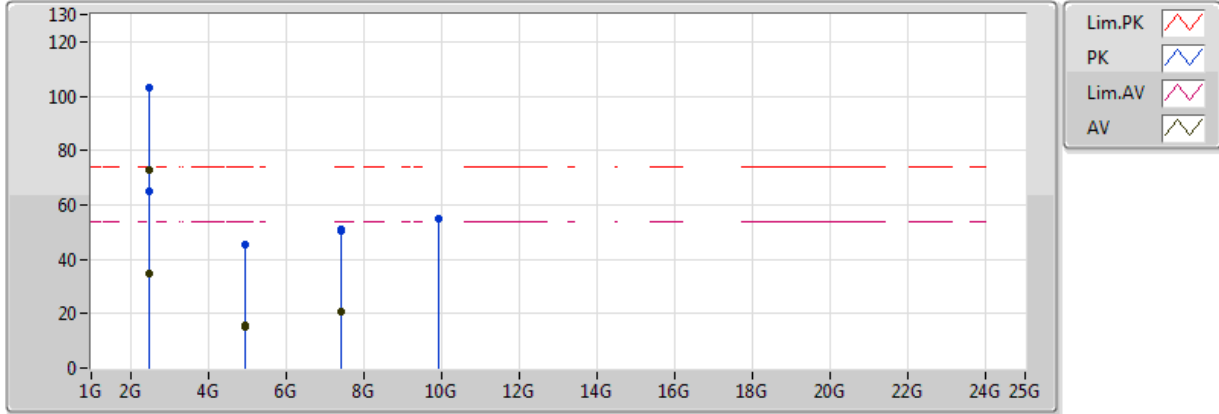


PCB ANT = ANT A+ANT B
 EUT = Z axis, ANT= Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.35978G	28.02	54.00	-25.98	30.14	3	H	NaN	NaN	-
AV	2.43996G	73.76	Inf	-Inf	30.39	3	H	NaN	NaN	-
AV	2.49582G	26.55	54.00	-27.45	30.57	3	H	NaN	NaN	-
PK	2.35978G	58.12	74.00	-15.88	30.14	3	H	NaN	NaN	-
PK	2.43996G	103.86	Inf	-Inf	30.39	3	H	NaN	NaN	-
PK	2.49582G	56.65	74.00	-17.35	30.57	3	H	NaN	NaN	-

BT-EDR(3Mbps)

2480MHz_PCB

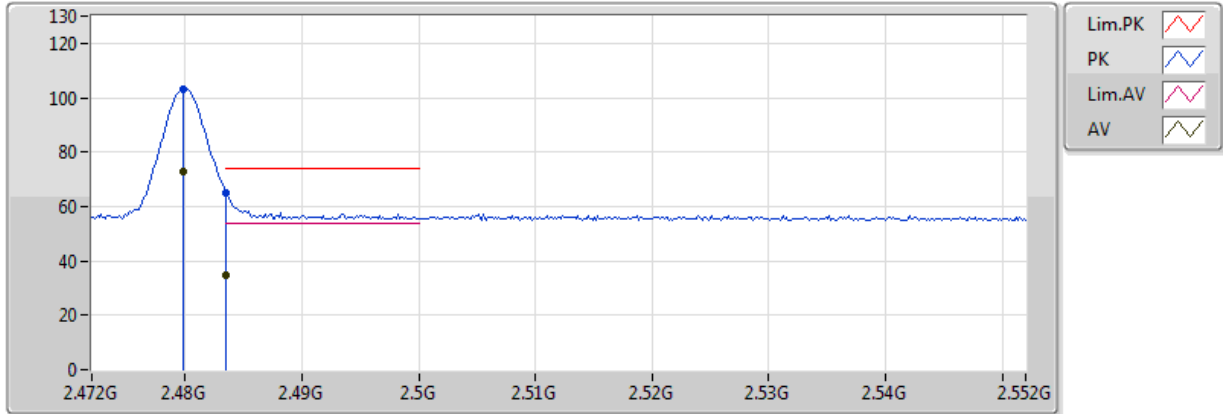


PCB ANT = ANT A+ANT B
EUT = Z axis, ANT= Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.47984G	73.01	Inf	-Inf	30.52	3	H	NaN	NaN	-
AV	2.48352G	34.79	54.00	-19.21	30.53	3	H	NaN	NaN	-
AV	4.96G	15.19	54.00	-38.81	1.25	3	H	NaN	NaN	-
AV	7.44G	20.51	54.00	-33.49	6.75	3	H	NaN	NaN	-
PK	2.47984G	103.11	Inf	-Inf	30.52	3	H	NaN	NaN	-
PK	2.48352G	64.89	74.00	-9.11	30.53	3	H	NaN	NaN	-
PK	4.96G	45.29	74.00	-28.71	1.25	3	H	NaN	NaN	-
PK	7.44G	50.61	74.00	-23.39	6.75	3	H	NaN	NaN	-
PK	9.92G	54.99	Inf	-Inf	9.79	3	H	NaN	NaN	-
AV	4.96G	15.50	54.00	-38.50	1.25	3	V	NaN	NaN	-
AV	7.44G	20.97	54.00	-33.03	6.75	3	V	NaN	NaN	-
PK	4.96G	45.60	74.00	-28.40	1.25	3	V	NaN	NaN	-
PK	7.44G	51.07	74.00	-22.93	6.75	3	V	NaN	NaN	-
PK	9.92G	54.66	Inf	-Inf	9.79	3	V	NaN	NaN	-

BT-EDR(3Mbps)

2480MHz_PCB



PCB ANT = ANT A+ ANT B
 EUT = Z axis, ANT= Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.47984G	73.01	Inf	-Inf	30.52	3	H	NaN	NaN	-
AV	2.48352G	34.79	54.00	-19.21	30.53	3	H	NaN	NaN	-
PK	2.47984G	103.11	Inf	-Inf	30.52	3	H	NaN	NaN	-
PK	2.48352G	64.89	74.00	-9.11	30.53	3	H	NaN	NaN	-



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
BT-EDR(2Mbps)	-	-	-	-	-	-	-	-	-	-	-	-
2.4-2.4835GHz	Pass	PK	2.48352G	61.55	74.00	-12.45	30.53	3	H	NaN	NaN	-



Result

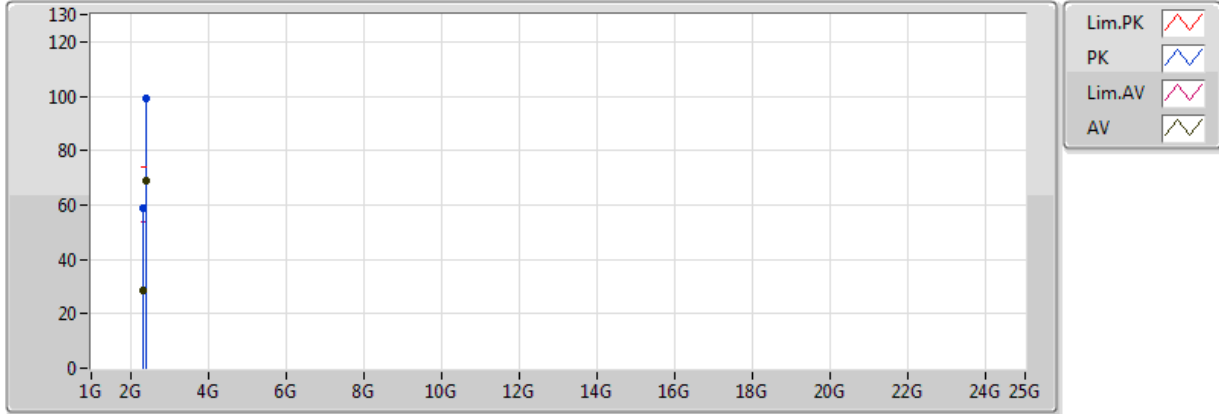
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
BT-BR(1Mbps)	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.32224G	28.69	54.00	-25.31	30.02	3	H	NaN	NaN	-
2402MHz	Pass	AV	2.402004G	68.86	Inf	-Inf	30.27	3	H	NaN	NaN	-
2402MHz	Pass	PK	2.32224G	58.79	74.00	-15.21	30.02	3	H	NaN	NaN	-
2402MHz	Pass	PK	2.402004G	98.96	Inf	-Inf	30.27	3	H	NaN	NaN	-
2440MHz	Pass	AV	2.35978G	26.94	54.00	-27.06	30.14	3	H	NaN	NaN	-
2440MHz	Pass	AV	2.43996G	68.32	Inf	-Inf	30.39	3	H	NaN	NaN	-
2440MHz	Pass	AV	2.4962G	26.59	54.00	-27.41	30.57	3	H	NaN	NaN	-
2440MHz	Pass	PK	2.35978G	57.04	74.00	-16.96	30.14	3	H	NaN	NaN	-
2440MHz	Pass	PK	2.43996G	98.42	Inf	-Inf	30.39	3	H	NaN	NaN	-
2440MHz	Pass	PK	2.4962G	56.69	74.00	-17.31	30.57	3	H	NaN	NaN	-
2480MHz	Pass	AV	2.47968G	66.56	Inf	-Inf	30.51	3	H	NaN	NaN	-
2480MHz	Pass	AV	2.48352G	29.51	54.00	-24.49	30.53	3	H	NaN	NaN	-
2480MHz	Pass	PK	2.47968G	96.66	Inf	-Inf	30.51	3	H	NaN	NaN	-
2480MHz	Pass	PK	2.48352G	59.61	74.00	-14.39	30.53	3	H	NaN	NaN	-
BT-EDR(2Mbps)	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.32224G	28.69	54.00	-25.31	30.02	3	H	NaN	NaN	-
2402MHz	Pass	AV	2.402208G	69.12	Inf	-Inf	30.27	3	H	NaN	NaN	-
2402MHz	Pass	PK	2.32224G	58.79	74.00	-15.21	30.02	3	H	NaN	NaN	-
2402MHz	Pass	PK	2.402208G	99.22	Inf	-Inf	30.27	3	H	NaN	NaN	-
2440MHz	Pass	AV	2.3594G	26.41	54.00	-27.59	30.13	3	H	NaN	NaN	-
2440MHz	Pass	AV	2.43996G	68.46	Inf	-Inf	30.39	3	H	NaN	NaN	-
2440MHz	Pass	AV	2.48898G	25.99	54.00	-28.01	30.54	3	H	NaN	NaN	-
2440MHz	Pass	PK	2.3594G	56.51	74.00	-17.49	30.13	3	H	NaN	NaN	-
2440MHz	Pass	PK	2.43996G	98.56	Inf	-Inf	30.39	3	H	NaN	NaN	-
2440MHz	Pass	PK	2.48898G	56.09	74.00	-17.91	30.54	3	H	NaN	NaN	-
2480MHz	Pass	AV	2.47984G	69.13	Inf	-Inf	30.52	3	H	NaN	NaN	-
2480MHz	Pass	AV	2.48352G	31.45	54.00	-22.55	30.53	3	H	NaN	NaN	-
2480MHz	Pass	PK	2.47984G	99.23	Inf	-Inf	30.52	3	H	NaN	NaN	-
2480MHz	Pass	PK	2.48352G	61.55	74.00	-12.45	30.53	3	H	NaN	NaN	-
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.322036G	28.70	54.00	-25.30	30.02	3	H	NaN	NaN	-
2402MHz	Pass	AV	2.402208G	69.62	Inf	-Inf	30.27	3	H	NaN	NaN	-
2402MHz	Pass	PK	2.322036G	58.80	74.00	-15.20	30.02	3	H	NaN	NaN	-
2402MHz	Pass	PK	2.402208G	99.72	Inf	-Inf	30.27	3	H	NaN	NaN	-
2402MHz	Pass	AV	4.804G	15.43	54.00	-38.57	0.91	3	H	NaN	NaN	-
2402MHz	Pass	PK	4.804G	45.53	74.00	-28.47	0.91	3	H	NaN	NaN	-
2402MHz	Pass	PK	7.206G	50.72	Inf	-Inf	6.18	3	H	NaN	NaN	-
2402MHz	Pass	PK	9.608G	53.79	Inf	-Inf	9.45	3	H	NaN	NaN	-
2402MHz	Pass	AV	4.804G	15.78	54.00	-38.22	0.91	3	V	NaN	NaN	-
2402MHz	Pass	PK	4.804G	45.88	74.00	-28.12	0.91	3	V	NaN	NaN	-
2402MHz	Pass	PK	7.206G	50.14	Inf	-Inf	6.18	3	V	NaN	NaN	-
2402MHz	Pass	PK	9.608G	54.16	Inf	-Inf	9.45	3	V	NaN	NaN	-
2440MHz	Pass	AV	2.35978G	27.13	54.00	-26.87	30.14	3	H	NaN	NaN	-
2440MHz	Pass	AV	2.43996G	68.99	Inf	-Inf	30.39	3	H	NaN	NaN	-
2440MHz	Pass	AV	2.49848G	26.37	54.00	-27.63	30.58	3	H	NaN	NaN	-
2440MHz	Pass	PK	2.35978G	57.23	74.00	-16.77	30.14	3	H	NaN	NaN	-
2440MHz	Pass	PK	2.43996G	99.09	Inf	-Inf	30.39	3	H	NaN	NaN	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
2440MHz	Pass	PK	2.49848G	56.47	74.00	-17.53	30.58	3	H	NaN	NaN	-
2440MHz	Pass	AV	4.88G	15.51	54.00	-38.49	1.07	3	H	NaN	NaN	-
2440MHz	Pass	AV	7.32G	20.49	54.00	-33.51	6.46	3	H	NaN	NaN	-
2440MHz	Pass	PK	4.88G	45.61	74.00	-28.39	1.07	3	H	NaN	NaN	-
2440MHz	Pass	PK	7.32G	50.59	74.00	-23.41	6.46	3	H	NaN	NaN	-
2440MHz	Pass	PK	9.76G	53.85	Inf	-Inf	9.62	3	H	NaN	NaN	-
2440MHz	Pass	AV	4.88G	15.56	54.00	-38.44	1.07	3	V	NaN	NaN	-
2440MHz	Pass	AV	7.32G	20.56	54.00	-33.44	6.46	3	V	NaN	NaN	-
2440MHz	Pass	PK	4.88G	45.66	74.00	-28.34	1.07	3	V	NaN	NaN	-
2440MHz	Pass	PK	7.32G	50.66	74.00	-23.34	6.46	3	V	NaN	NaN	-
2440MHz	Pass	PK	9.76G	54.02	Inf	-Inf	9.62	3	V	NaN	NaN	-
2480MHz	Pass	AV	2.47984G	69.30	Inf	-Inf	30.52	3	H	NaN	NaN	-
2480MHz	Pass	AV	2.48352G	31.29	54.00	-22.71	30.53	3	H	NaN	NaN	-
2480MHz	Pass	AV	4.96G	16.76	54.00	-37.24	1.25	3	H	NaN	NaN	-
2480MHz	Pass	AV	7.44G	20.80	54.00	-33.20	6.75	3	H	NaN	NaN	-
2480MHz	Pass	PK	2.47984G	99.40	Inf	-Inf	30.52	3	H	NaN	NaN	-
2480MHz	Pass	PK	2.48352G	61.39	74.00	-12.61	30.53	3	H	NaN	NaN	-
2480MHz	Pass	PK	4.96G	46.86	74.00	-27.14	1.25	3	H	NaN	NaN	-
2480MHz	Pass	PK	7.44G	50.90	74.00	-23.10	6.75	3	H	NaN	NaN	-
2480MHz	Pass	PK	9.92G	54.68	Inf	-Inf	9.79	3	H	NaN	NaN	-
2480MHz	Pass	AV	4.96G	15.98	54.00	-38.02	1.25	3	V	NaN	NaN	-
2480MHz	Pass	AV	7.44G	20.67	54.00	-33.33	6.75	3	V	NaN	NaN	-
2480MHz	Pass	PK	4.96G	46.08	74.00	-27.92	1.25	3	V	NaN	NaN	-
2480MHz	Pass	PK	7.44G	50.77	74.00	-23.23	6.75	3	V	NaN	NaN	-
2480MHz	Pass	PK	9.92G	54.67	Inf	-Inf	9.79	3	V	NaN	NaN	-

BT-BR(1Mbps)

2402MHz_PIFA

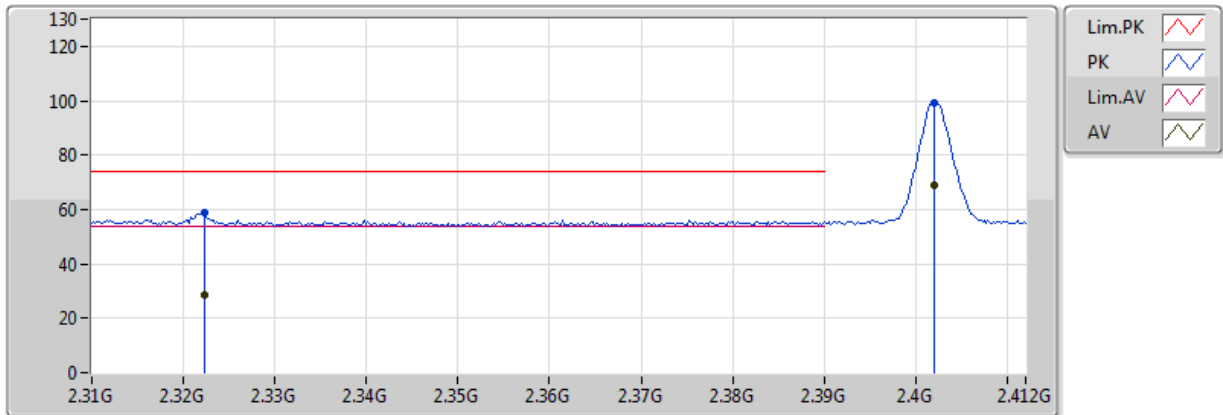


PIFA+PCB ANT = ANT A+ANT B
 EUT =Z axis, ANT=Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.32224G	28.69	54.00	-25.31	30.02	3	H	NaN	NaN	-
AV	2.402004G	68.86	Inf	-Inf	30.27	3	H	NaN	NaN	-
PK	2.32224G	58.79	74.00	-15.21	30.02	3	H	NaN	NaN	-
PK	2.402004G	98.96	Inf	-Inf	30.27	3	H	NaN	NaN	-

BT-BR(1Mbps)

2402MHz_PIFA

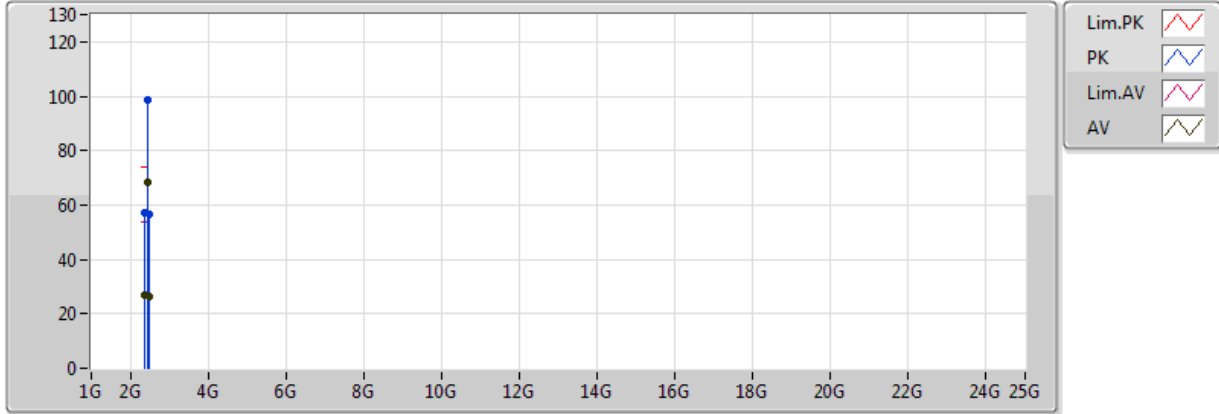


PIFA+PCB ANT = ANT A+ANT B
EUT =Z axis, ANT=Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	2.402004G	98.96	Inf	-Inf	30.27	3	H	NaN	NaN	-
PK	2.32224G	58.79	74.00	-15.21	30.02	3	H	NaN	NaN	-
AV	2.402004G	68.86	Inf	-Inf	30.27	3	H	NaN	NaN	-
AV	2.32224G	28.69	54.00	-25.31	30.02	3	H	NaN	NaN	-

BT-BR(1Mbps)

2440MHz_PIFA

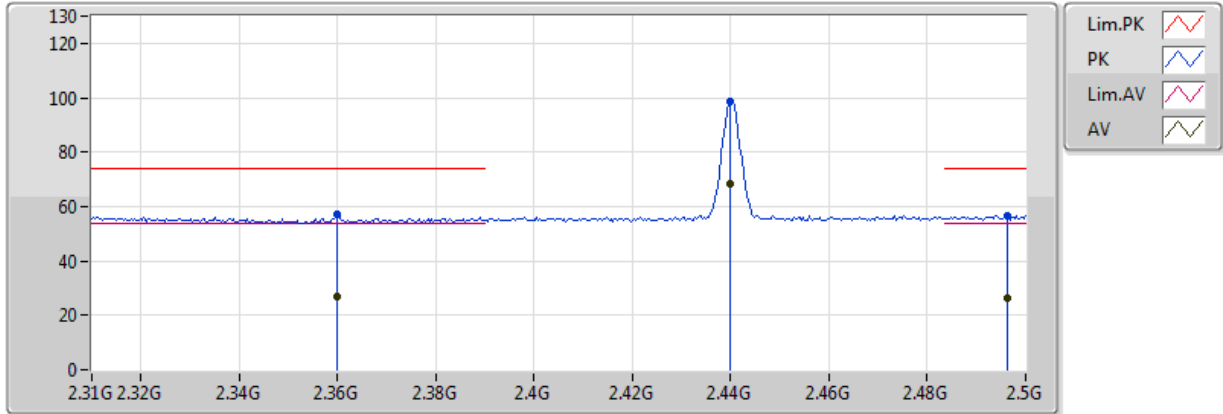


PIFA+PCB ANT = ANT A+ANT B
EUT =Z axis, ANT=Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.35978G	26.94	54.00	-27.06	30.14	3	H	NaN	NaN	-
AV	2.43996G	68.32	Inf	-Inf	30.39	3	H	NaN	NaN	-
AV	2.4962G	26.59	54.00	-27.41	30.57	3	H	NaN	NaN	-
PK	2.35978G	57.04	74.00	-16.96	30.14	3	H	NaN	NaN	-
PK	2.43996G	98.42	Inf	-Inf	30.39	3	H	NaN	NaN	-
PK	2.4962G	56.69	74.00	-17.31	30.57	3	H	NaN	NaN	-

BT-BR(1Mbps)

2440MHz_PIFA

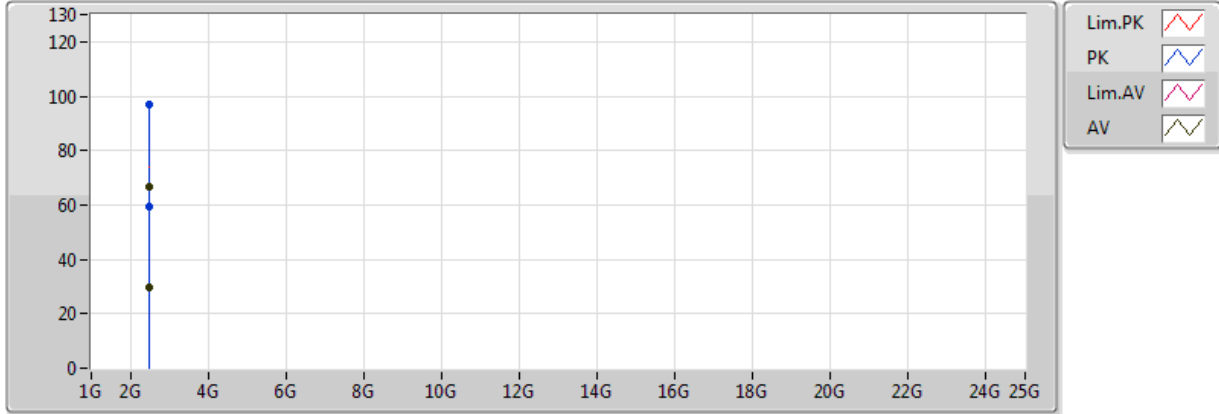


PIFA+PCB ANT = ANT A+ ANT B
 EUT = Z axis, ANT=Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.35978G	26.94	54.00	-27.06	30.14	3	H	NaN	NaN	-
AV	2.43996G	68.32	Inf	-Inf	30.39	3	H	NaN	NaN	-
AV	2.4962G	26.59	54.00	-27.41	30.57	3	H	NaN	NaN	-
PK	2.35978G	57.04	74.00	-16.96	30.14	3	H	NaN	NaN	-
PK	2.43996G	98.42	Inf	-Inf	30.39	3	H	NaN	NaN	-
PK	2.4962G	56.69	74.00	-17.31	30.57	3	H	NaN	NaN	-

BT-BR(1Mbps)

2480MHz_PIFA

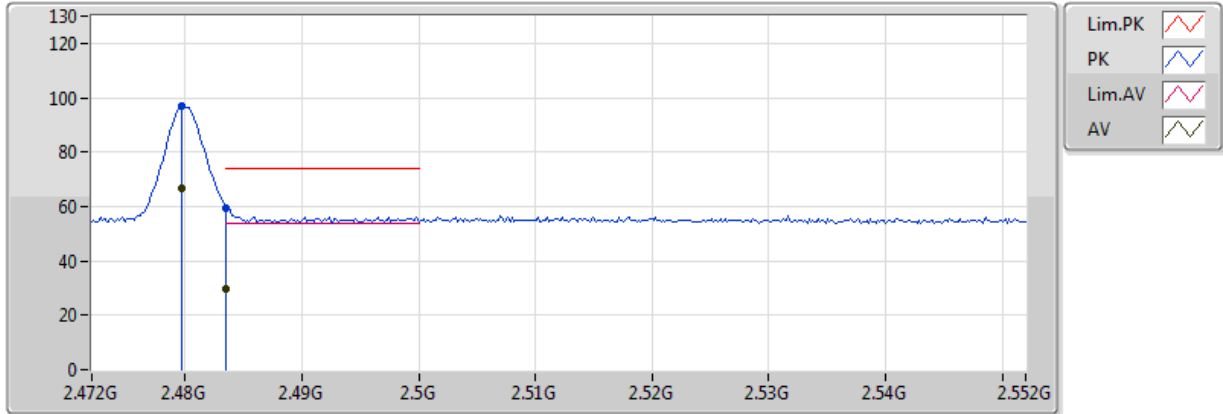


PIFA+PCB ANT = ANT A+ANT B
 EUT =Z axis, ANT=Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.47968G	66.56	Inf	-Inf	30.51	3	H	NaN	NaN	-
AV	2.48352G	29.51	54.00	-24.49	30.53	3	H	NaN	NaN	-
PK	2.47968G	96.66	Inf	-Inf	30.51	3	H	NaN	NaN	-
PK	2.48352G	59.61	74.00	-14.39	30.53	3	H	NaN	NaN	-

BT-BR(1Mbps)

2480MHz_PIFA

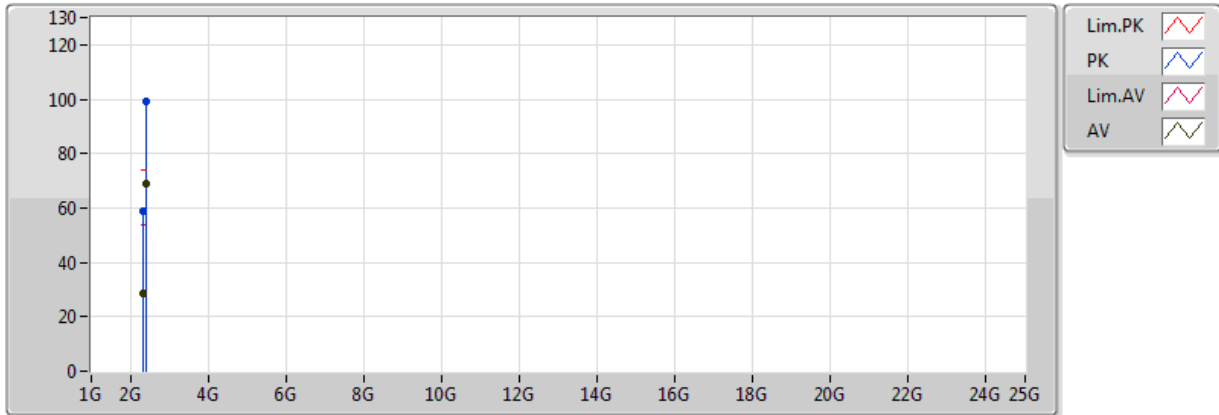


PIFA+PCB ANT = ANT A+ANT B
EUT =Z axis, ANT=Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.47968G	66.56	Inf	-Inf	30.51	3	H	NaN	NaN	-
AV	2.48352G	29.51	54.00	-24.49	30.53	3	H	NaN	NaN	-
PK	2.47968G	96.66	Inf	-Inf	30.51	3	H	NaN	NaN	-
PK	2.48352G	59.61	74.00	-14.39	30.53	3	H	NaN	NaN	-

BT-EDR(2Mbps)

2402MHz_PIFA

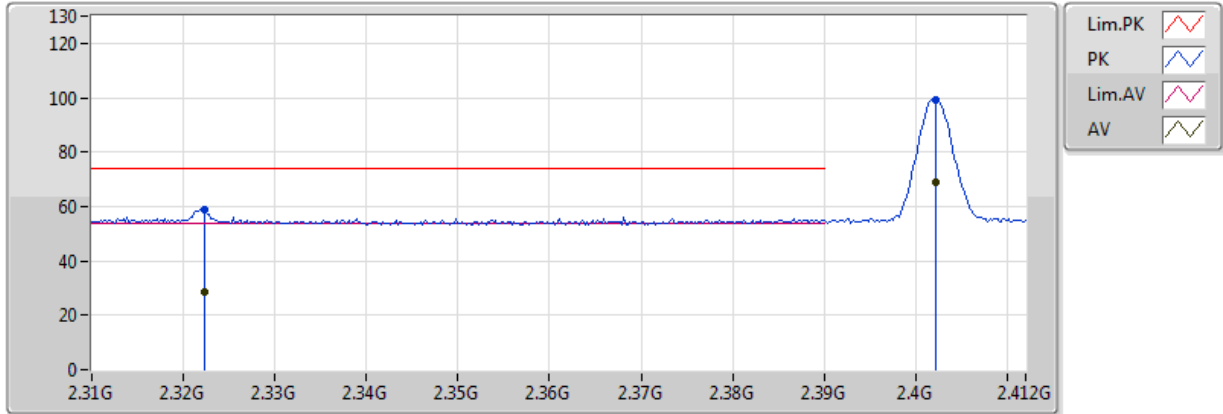


PIFA+PCB ANT = ANT A+ANT B
 EUT =Z axis, ANT=Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.32224G	28.69	54.00	-25.31	30.02	3	H	NaN	NaN	-
AV	2.402208G	69.12	Inf	-Inf	30.27	3	H	NaN	NaN	-
PK	2.32224G	58.79	74.00	-15.21	30.02	3	H	NaN	NaN	-
PK	2.402208G	99.22	Inf	-Inf	30.27	3	H	NaN	NaN	-

BT-EDR(2Mbps)

2402MHz_PIFA

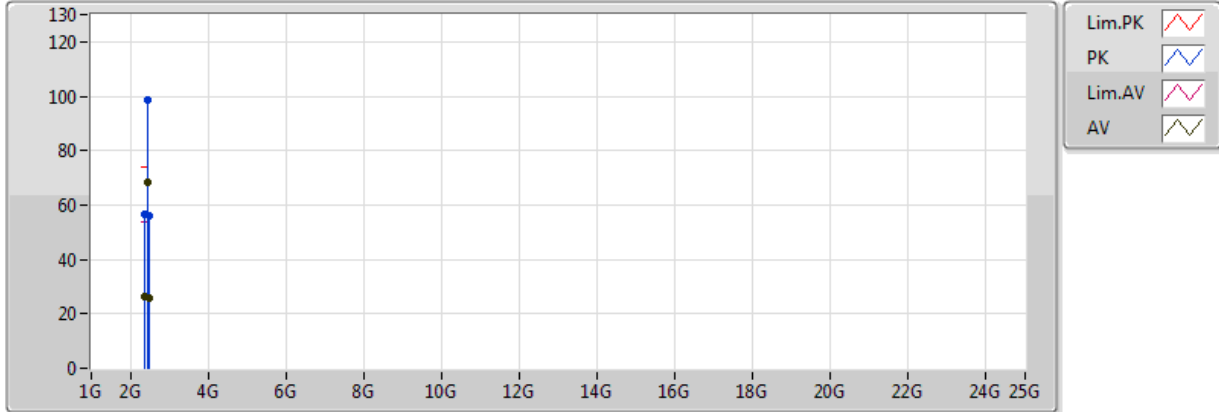


PIFA+PCB ANT = ANT A+ANT B
 EUT =Z axis, ANT=Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.32224G	28.69	54.00	-25.31	30.02	3	H	NaN	NaN	-
AV	2.402208G	69.12	Inf	-Inf	30.27	3	H	NaN	NaN	-
PK	2.32224G	58.79	74.00	-15.21	30.02	3	H	NaN	NaN	-
PK	2.402208G	99.22	Inf	-Inf	30.27	3	H	NaN	NaN	-

BT-EDR(2Mbps)

2440MHz_PIFA

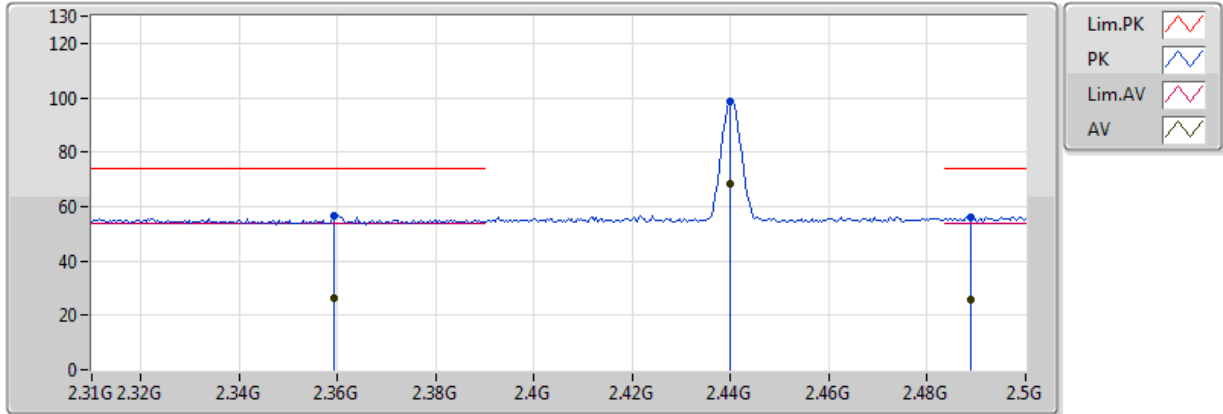


PIFA+PCB ANT = ANT A+ANT B
EUT =Z axis, ANT=Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3594G	26.41	54.00	-27.59	30.13	3	H	NaN	NaN	-
AV	2.43996G	68.46	Inf	-Inf	30.39	3	H	NaN	NaN	-
AV	2.48898G	25.99	54.00	-28.01	30.54	3	H	NaN	NaN	-
PK	2.3594G	56.51	74.00	-17.49	30.13	3	H	NaN	NaN	-
PK	2.43996G	98.56	Inf	-Inf	30.39	3	H	NaN	NaN	-
PK	2.48898G	56.09	74.00	-17.91	30.54	3	H	NaN	NaN	-

BT-EDR(2Mbps)

2440MHz_PIFA

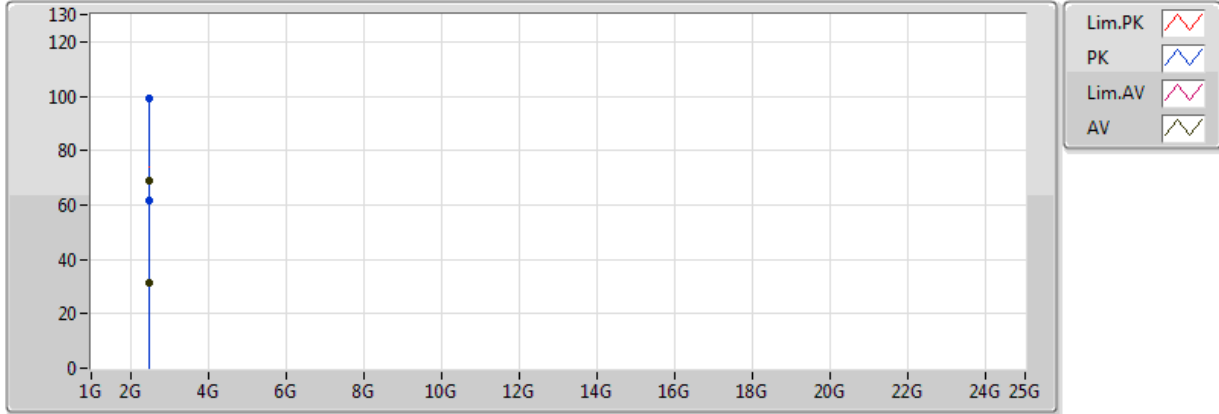


PIFA+PCB ANT = ANT A+ANT B
EUT =Z axis, ANT=Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3594G	26.41	54.00	-27.59	30.13	3	H	NaN	NaN	-
AV	2.43996G	68.46	Inf	-Inf	30.39	3	H	NaN	NaN	-
AV	2.48898G	25.99	54.00	-28.01	30.54	3	H	NaN	NaN	-
PK	2.3594G	56.51	74.00	-17.49	30.13	3	H	NaN	NaN	-
PK	2.43996G	98.56	Inf	-Inf	30.39	3	H	NaN	NaN	-
PK	2.48898G	56.09	74.00	-17.91	30.54	3	H	NaN	NaN	-

BT-EDR(2Mbps)

2480MHz_PIFA

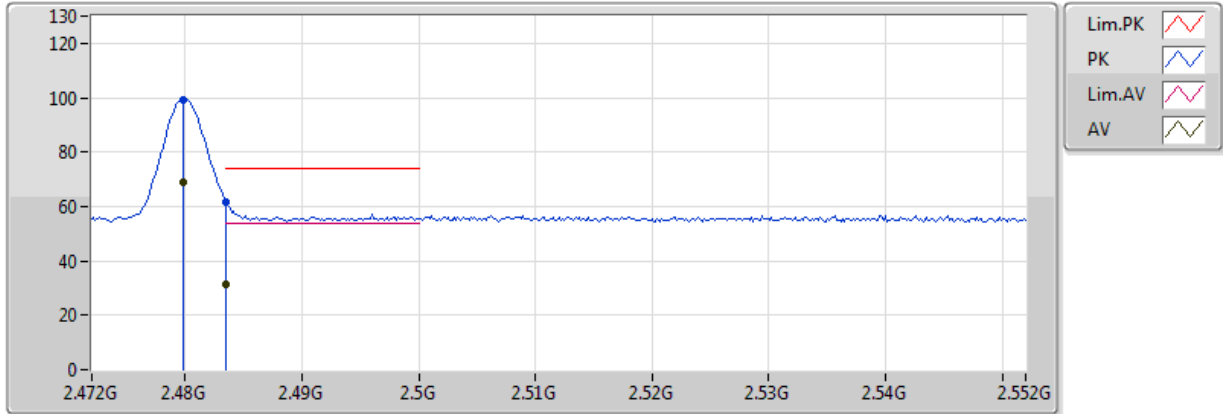


PIFA+PCB ANT = ANT A+ANT B
 EUT =Z axis, ANT=Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.47984G	69.13	Inf	-Inf	30.52	3	H	NaN	NaN	-
AV	2.48352G	31.45	54.00	-22.55	30.53	3	H	NaN	NaN	-
PK	2.47984G	99.23	Inf	-Inf	30.52	3	H	NaN	NaN	-
PK	2.48352G	61.55	74.00	-12.45	30.53	3	H	NaN	NaN	-

BT-EDR(2Mbps)

2480MHz_PIFA

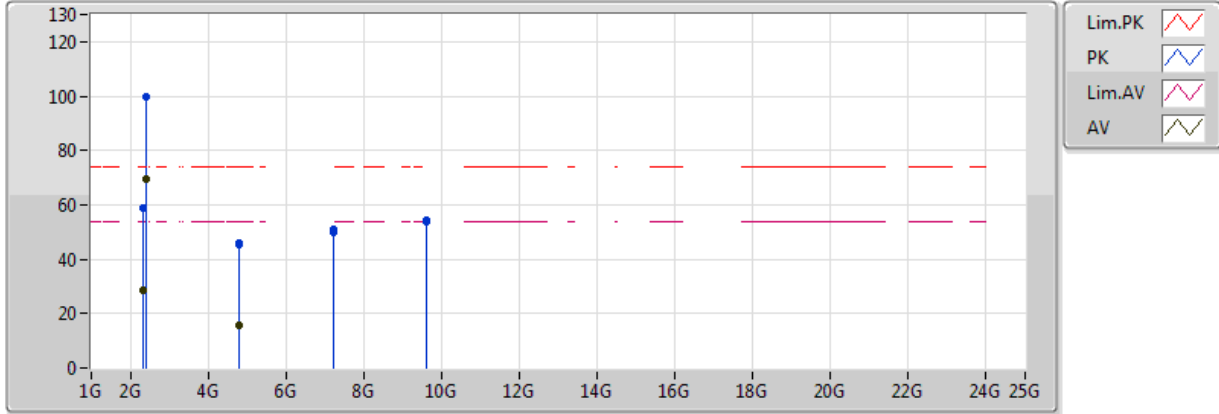


PIFA+PCB ANT = ANT A+ANT B
EUT =Z axis, ANT=Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.47984G	69.13	Inf	-Inf	30.52	3	H	NaN	NaN	-
AV	2.48352G	31.45	54.00	-22.55	30.53	3	H	NaN	NaN	-
PK	2.47984G	99.23	Inf	-Inf	30.52	3	H	NaN	NaN	-
PK	2.48352G	61.55	74.00	-12.45	30.53	3	H	NaN	NaN	-

BT-EDR(3Mbps)

2402MHz_PIFA

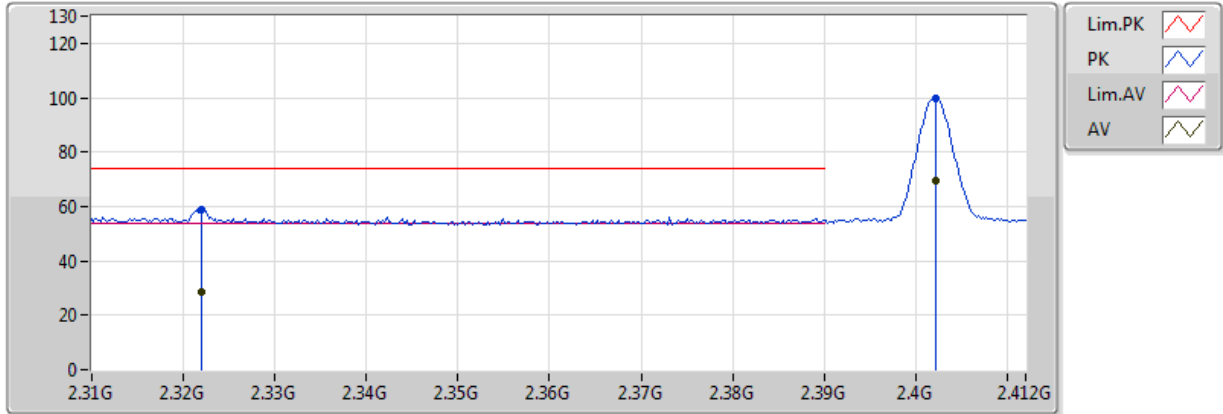


PIFA+PCB ANT = ANT A+ANT B
 EUT =Z axis, ANT=Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.322036G	28.70	54.00	-25.30	30.02	3	H	NaN	NaN	-
AV	2.402208G	69.62	Inf	-Inf	30.27	3	H	NaN	NaN	-
PK	2.322036G	58.80	74.00	-15.20	30.02	3	H	NaN	NaN	-
PK	2.402208G	99.72	Inf	-Inf	30.27	3	H	NaN	NaN	-
AV	4.804G	15.43	54.00	-38.57	0.91	3	H	NaN	NaN	-
PK	4.804G	45.53	74.00	-28.47	0.91	3	H	NaN	NaN	-
PK	7.206G	50.72	Inf	-Inf	6.18	3	H	NaN	NaN	-
PK	9.608G	53.79	Inf	-Inf	9.45	3	H	NaN	NaN	-
AV	4.804G	15.78	54.00	-38.22	0.91	3	V	NaN	NaN	-
PK	4.804G	45.88	74.00	-28.12	0.91	3	V	NaN	NaN	-
PK	7.206G	50.14	Inf	-Inf	6.18	3	V	NaN	NaN	-
PK	9.608G	54.16	Inf	-Inf	9.45	3	V	NaN	NaN	-

BT-EDR(3Mbps)

2402MHz_PIFA



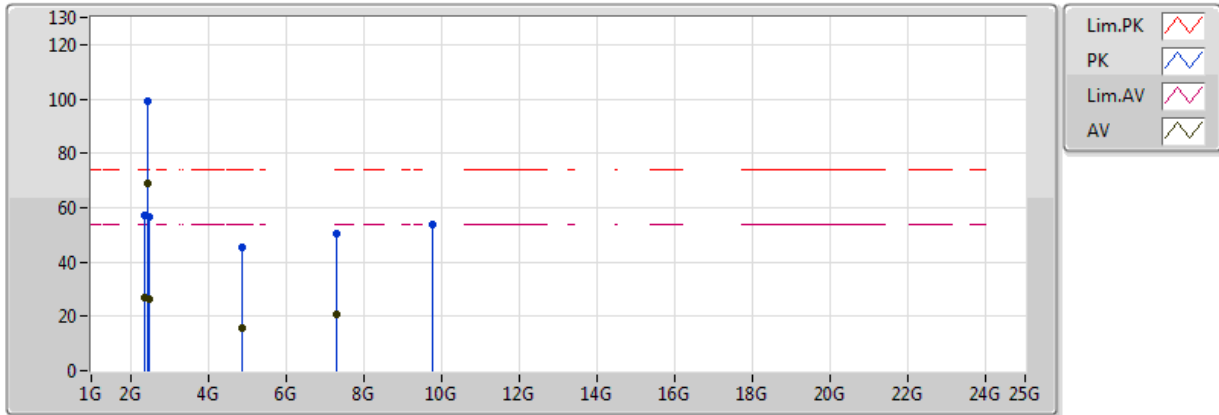
PIFA+PCB ANT = ANT A+ANT B
 EUT =Z axis, ANT=Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.322036G	28.70	54.00	-25.30	30.02	3	H	NaN	NaN	-
AV	2.402208G	69.62	Inf	-Inf	30.27	3	H	NaN	NaN	-
PK	2.322036G	58.80	74.00	-15.20	30.02	3	H	NaN	NaN	-
PK	2.402208G	99.72	Inf	-Inf	30.27	3	H	NaN	NaN	-



BT-EDR(3Mbps)

2440MHz_PIFA

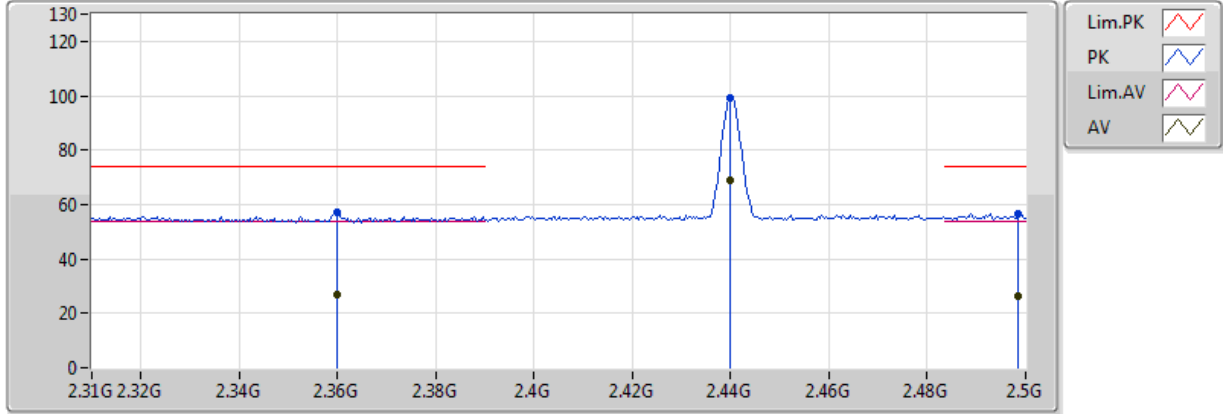


PIFA+PCB ANT = ANT A+ANT B
EUT =Z axis, ANT=Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.35978G	27.13	54.00	-26.87	30.14	3	H	NaN	NaN	-
AV	2.43996G	68.99	Inf	-Inf	30.39	3	H	NaN	NaN	-
AV	2.49848G	26.37	54.00	-27.63	30.58	3	H	NaN	NaN	-
PK	2.35978G	57.23	74.00	-16.77	30.14	3	H	NaN	NaN	-
PK	2.43996G	99.09	Inf	-Inf	30.39	3	H	NaN	NaN	-
PK	2.49848G	56.47	74.00	-17.53	30.58	3	H	NaN	NaN	-
AV	4.88G	15.51	54.00	-38.49	1.07	3	H	NaN	NaN	-
AV	7.32G	20.49	54.00	-33.51	6.46	3	H	NaN	NaN	-
PK	4.88G	45.61	74.00	-28.39	1.07	3	H	NaN	NaN	-
PK	7.32G	50.59	74.00	-23.41	6.46	3	H	NaN	NaN	-
PK	9.76G	53.85	Inf	-Inf	9.62	3	H	NaN	NaN	-
AV	4.88G	15.56	54.00	-38.44	1.07	3	V	NaN	NaN	-
AV	7.32G	20.56	54.00	-33.44	6.46	3	V	NaN	NaN	-
PK	4.88G	45.66	74.00	-28.34	1.07	3	V	NaN	NaN	-
PK	7.32G	50.66	74.00	-23.34	6.46	3	V	NaN	NaN	-
PK	9.76G	54.02	Inf	-Inf	9.62	3	V	NaN	NaN	-

BT-EDR(3Mbps)

2440MHz_PIFA

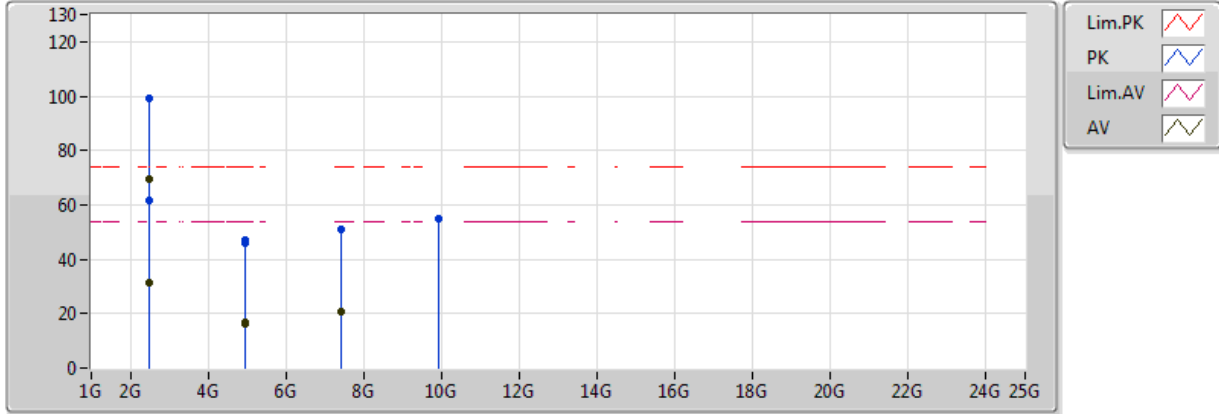


PIFA+PCB ANT = ANT A+ANT B
 EUT =Z axis, ANT=Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.35978G	27.13	54.00	-26.87	30.14	3	H	NaN	NaN	-
AV	2.43996G	68.99	Inf	-Inf	30.39	3	H	NaN	NaN	-
AV	2.49848G	26.37	54.00	-27.63	30.58	3	H	NaN	NaN	-
PK	2.35978G	57.23	74.00	-16.77	30.14	3	H	NaN	NaN	-
PK	2.43996G	99.09	Inf	-Inf	30.39	3	H	NaN	NaN	-
PK	2.49848G	56.47	74.00	-17.53	30.58	3	H	NaN	NaN	-

BT-EDR(3Mbps)

2480MHz_PIFA

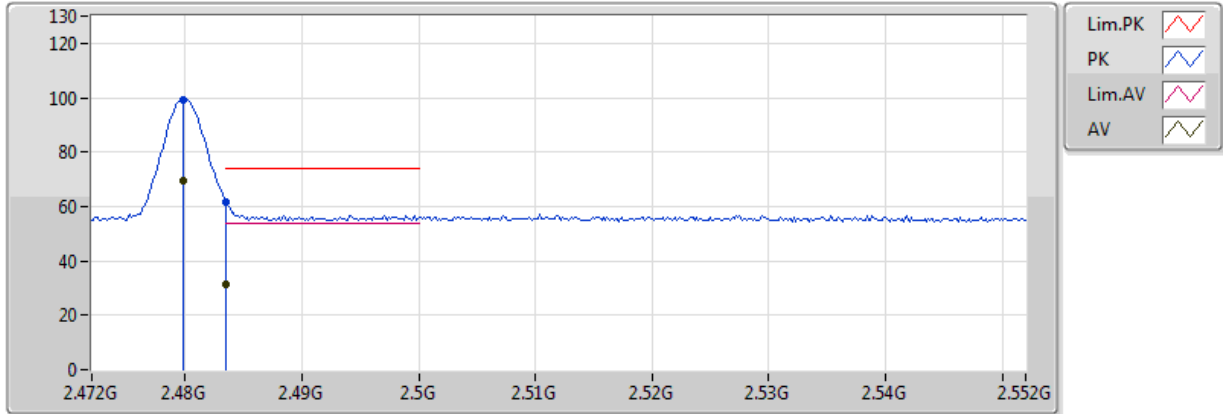


PIFA+PCB ANT = ANT A+ANT B
 EUT =Z axis, ANT=Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.47984G	69.30	Inf	-Inf	30.52	3	H	NaN	NaN	-
AV	2.48352G	31.29	54.00	-22.71	30.53	3	H	NaN	NaN	-
AV	4.96G	16.76	54.00	-37.24	1.25	3	H	NaN	NaN	-
AV	7.44G	20.80	54.00	-33.20	6.75	3	H	NaN	NaN	-
PK	2.47984G	99.40	Inf	-Inf	30.52	3	H	NaN	NaN	-
PK	2.48352G	61.39	74.00	-12.61	30.53	3	H	NaN	NaN	-
PK	4.96G	46.86	74.00	-27.14	1.25	3	H	NaN	NaN	-
PK	7.44G	50.90	74.00	-23.10	6.75	3	H	NaN	NaN	-
PK	9.92G	54.68	Inf	-Inf	9.79	3	H	NaN	NaN	-
AV	4.96G	15.98	54.00	-38.02	1.25	3	V	NaN	NaN	-
AV	7.44G	20.67	54.00	-33.33	6.75	3	V	NaN	NaN	-
PK	4.96G	46.08	74.00	-27.92	1.25	3	V	NaN	NaN	-
PK	7.44G	50.77	74.00	-23.23	6.75	3	V	NaN	NaN	-
PK	9.92G	54.67	Inf	-Inf	9.79	3	V	NaN	NaN	-

BT-EDR(3Mbps)

2480MHz_PIFA



PIFA+PCB ANT = ANT A+ ANT B
 EUT =Z axis, ANT=Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.47984G	69.30	Inf	-Inf	30.52	3	H	NaN	NaN	-
AV	2.48352G	31.29	54.00	-22.71	30.53	3	H	NaN	NaN	-
PK	2.47984G	99.40	Inf	-Inf	30.52	3	H	NaN	NaN	-
PK	2.48352G	61.39	74.00	-12.61	30.53	3	H	NaN	NaN	-