FCC Test Report

Equipment	:	**5GHz 802.11n 3T3R wifi module**
Brand Name	:	**SMC**
Model No.	:	**SMC-RT359333DB5**
FCC ID	:	**JI5-RT359333DB5**
Standard	:	**47 CFR FCC Part 15.407**
Frequency	:	**5150 MHz – 5250 MHz** **5725 MHz – 5850 MHz**
FCC Classification	:	**NII**
Applicant	:	**SMC Networks Inc** **20 Mason, Irvine, California, United States, CA 92618**
Manufacturer	:	**MAINTEK COMPUTER** **233 Jinfeng Rd., Suzhou, Jiangsu, PRC**
Function	:	☒ **Indoor**
Operate Mode	:	**Client**

The product sample received on May 20, 2016 and completely tested on Jun. 24, 2016. 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:

Kevin Liang / Assistant Manager

Testing Laboratory
1190

Table of Contents

Summary of Test Result

Conformance Test Specifications			
Report Clause	**Ref. Std. Clause**	**Description**	**Result**
1.1.2	15.203	Antenna Requirement	Complied
3.1	15.207	AC Power-line Conducted Emissions	Complied
3.2	15.407(a)	Emission Bandwidth	Complied
3.3	15.407(a)	Maximum Conducted Output Power	Complied
3.4	15.407(a)	Peak Power Spectral Density	Complied
3.5	15.407(b)	Unwanted Emissions	Complied
3.6	15.407(g)	Frequency Stability	Complied

Revision History

Report No.	Version	Description	Issued Date
FR661306AN	Rev. 01	Initial issue of report	Jul. 28, 2016

1 General Description

1.1 Information

1.1.1 RF General Information

Band	Mode	BWch (MHz)	Nss-Min	Nant	Worst Data Rate / MCS
All	11a	20	1	1	6 Mbps
All	HT20	20	1,(M0-23)	3	MCS 0
All	HT40	40	1,(M0-23)	3	MCS 0

Note:
- 5.2G is the 5.2GHz Band (5.15-5.25GHz).
- 5.8G is the 5.8GHz Band (5.725-5.850GHz).
- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- BWch is the nominal channel bandwidth.
- Nss-Min is the minimum number of spatial streams.
- Nant is the number of outputs. e.g., 2(2,3) means have 2 outputs for port 2 and port 3. 2 means have 2 outputs for port 1 and port 2.

1.1.2 Antenna Information

Antenna Category		
☒	Integral antenna (antenna permanently attached)	
	☒ Temporary RF connector provided	
	☐ 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.	
☐	External antenna (dedicated antennas)	
	☐ Single power level with corresponding antenna(s).	
	☐ Multiple power level and corresponding antenna(s).	
	☐ RF connector provided	
		☐ Unique antenna connector. (e.g., MMCX, U.FL, IPX, and RP-SMA, RP-N type…)
		☐ Standard antenna connector. (e.g., SMA, N, BNC, and TNC type…)

Antenna General Information			
No.	**Ant. Cat.**	**Ant. Type**	**Gain** $_{(dBi)}$
1	Integral	PIFA	1.9

1.1.3 Type of EUT

Identify EUT	
EUT Serial Number	N/A
Presentation of Equipment	☒ Production ; ☐ Pre-Production ; ☐ Prototype

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

1.1.4 Mode Test Duty Cycle

Operated Mode for Worst Duty Cycle	
Test Signal Duty Cycle (x)	**Power Duty Factor [dB] – (10 log 1/x)**
☒ 100.00% - IEEE 802.11a (HT20)	0
☒ 100.00% - IEEE 802.11n (HT20)	0
☒ 100.00% - IEEE 802.11n (HT40)	0

1.1.5 EUT Operational Condition

Supply Voltage	☐ AC mains	☒ DC	
Type of DC Source	☐ External AC Adapter	☒ From Host System	☐ Battery

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
- FCC KDB 789033 D02 v01r02
- FCC-16-24-UNII
- FCC KDB 662911 D01 v02r01

1.3 Testing Location Information

Testing Location					
☒	**HWA YA**	**ADD : No. 52, Hwa Ya 1st Rd., Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C.**			
		TEL : 886-3-327-3456 FAX : 886-3-318-0055			
Test Condition		**Test Site No.**	**Test Engineer**	**Test Environment**	**Test Date**
AC Conduction		CO04-HY	Rya	23.5°C / 65%	16/06/2016
RF Conducted		TH01-HY	Lisa	23.5°C / 65%	30/05/2016
Radiated		03CH03-HY	Jeff	21.2°C / 60%	30/05/2016

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		±2.26 dB
Emission bandwidth, 26dB bandwidth		±1.42 %
RF output power, conducted		±0.63 dB
Power density, conducted		±0.81 dB
Unwanted emissions, conducted	9 – 150 kHz	±0.38 dB
	0.15 – 30 MHz	±0.42 dB
	30 – 1000 MHz	±0.51 dB
	1 – 18 GHz	±0.67 dB
	18 – 40 GHz	±0.83 dB
	40 – 200 GHz	N/A
All emissions, radiated	9 – 150 kHz	±2.49 dB
	0.15 – 30 MHz	±2.28 dB
	30 – 1000 MHz	±2.56 dB
	1 – 18 GHz	±3.59 dB
	18 – 40 GHz	±3.82 dB
	40 – 200 GHz	N/A
Temperature		±0.8 °C
Humidity		±3 %
DC and low frequency voltages		±3 %
Time		±1.42 %
Duty Cycle		±1.42 %

2 Test Configuration of EUT

2.1 The Worst Case Modulation Configuration

Worst Modulation Used for Conformance Testing			
Modulation Mode	**Transmit Chains (N_{TX})**	**Data Rate / MCS**	**Worst Data Rate / MCS**
11a	1	6-54Mbps	6 Mbps
HT20	3	MCS 0-23	MCS 0
HT40	3	MCS 0-23	MCS 0

2.2 Test Channel Mode

Test Software Version	QA_RT3593_V1.0.4.0

Band	Mode	BWch (MHz)	Ch. (MHz)	Power Setting
5.2G	11a	20	5180	0E
5.2G	11a	20	5200	0D
5.2G	11a	20	5240	14
5.2G	HT20	20	5180	09,04,0F
5.2G	HT20	20	5200	06,03,09
5.2G	HT20	20	5240	04,04,09
5.2G	HT40	40	5190	08,04,0D
5.2G	HT40	40	5230	08,07,0C

Band	Mode	BWch (MHz)	Ch. (MHz)	Power Setting
5.8G	11a	20	5745	11
5.8G	11a	20	5785	13
5.8G	11a	20	5825	15
5.8G	HT20	20	5745	01,0A,06
5.8G	HT20	20	5785	01,0A,05
5.8G	HT20	20	5825	04,0E,07
5.8G	HT40	40	5755	03,0C,07
5.8G	HT40	40	5795	03,0C,07

Abbreviation Explanation

Band	Mode	BWch (MHz)	Nss-Min	Nant	Ch. (MHz)	Range	Test Cond.	Abbreviation
5.2G	VHT40	40	1,(M0-9)	2	5190	L	TN,VN	5.2G;VHT40;40;1,(M0-9);2;5190;L;TN,VN
5.2G	VHT80	80	1,(M0-9)	2	5210	S	TN,VN	5.2G;VHT80;80;1,(M0-9);2;5210;S;TN,VN

Note:
- Test range channel consist of L (Low Ch.), M (Middle Ch.), H (High Ch.), S (Single Ch. or Intra- band Ch.) and C (Inter-band Ch.).

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 Test Voltage: 120Vac / 60Hz
Operating Mode	Operating Mode Description
1	Transmit Mode

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth, Maximum Conducted Output Power, Peak Power Spectral Density, Frequency Stability
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests		
Tests Item	Transmitter Bandedge Emissions , Transmitter Unwanted Emissions	
Test Condition	Conducted measurement 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.	
User Position	☒	EUT will be placed in fixed position.
	☐	EUT will be placed in mobile position and operating multiple positions.
	☐	EUT will be a hand-held or body-worn battery-powered devices and operating multiple positions.
Operating Mode < 1GHz	☒	1. Transmit Mode
Orthogonal Planes of EUT	**X Plane**	
		

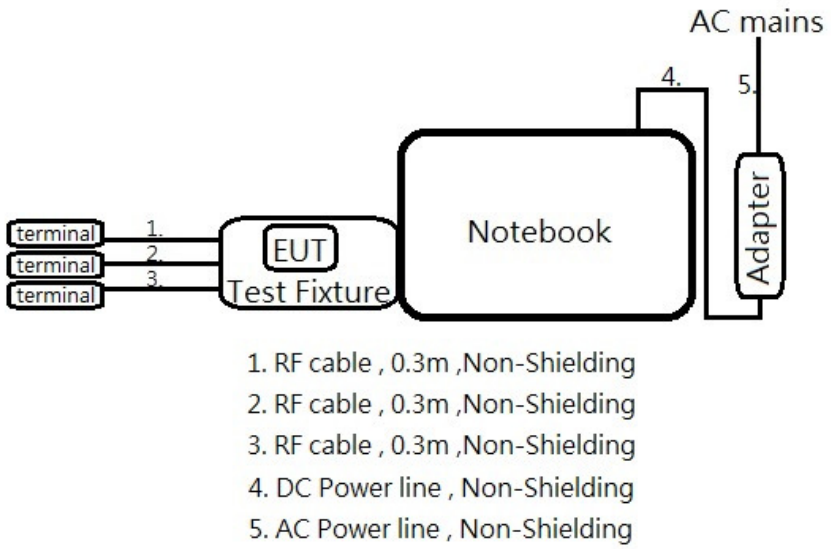
2.4 Accessories and Support Equipment

Support Local

No.	Equipment	Brand	Model	FCC ID	Description
1	Notebook	DELL	E5510	R33002	-
2	AC Adapter of NB	DELL	LA65NS2-01	DoC	AC 100-240V

2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



1. RF cable , 0.3m ,Non-Shielding
2. RF cable , 0.3m ,Non-Shielding
3. RF cable , 0.3m ,Non-Shielding
4. DC Power line , Non-Shielding
5. AC Power line , Non-Shielding

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	**Quasi-Peak**	**Average**
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50
Note 1: * Decreases with the logarithm of the frequency.		

3.1.2 Measuring Instruments

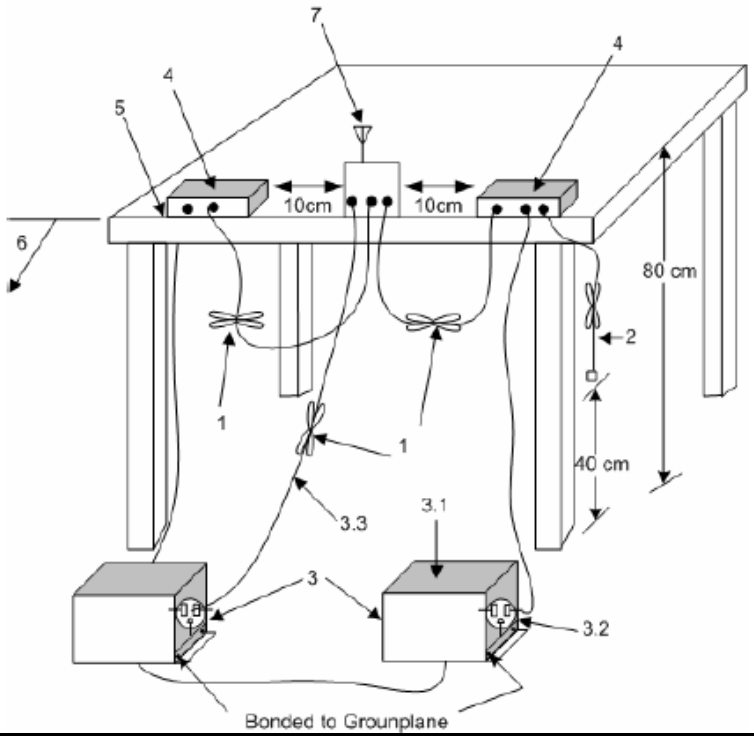
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix I

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band, N/A
☐	For the 5.25-5.35 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☐	For the 5.47-5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz.

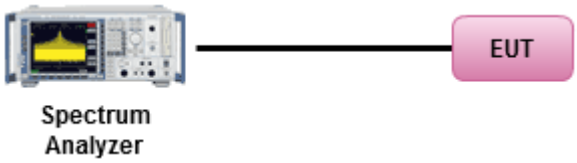
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method		
▪	For the emission bandwidth shall be measured using one of the options below:	
	☒	Refer as FCC KDB 789033, clause C for EBW and clause D for OBW measurement.
	☐	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix A

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit
UNII Devices
▪ For the 5.15-5.25 GHz band:
▪ Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then $P_{Out} = 30 – (G_{TX} – 6)$. e.i.r.p. at any elevation angle above 30 degrees ≤ 125mW [21dBm]
▪ Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then $P_{Out} = 30 – (G_{TX} – 6)$
▪ Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W If G_{TX} > 23 dBi, then $P_{Out} = 30 – (G_{TX} – 23)$.
▪ Mobile or Portable Client: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW. If G_{TX} > 6 dBi, then $P_{Out} = 24 – (G_{TX} – 6)$.
▪ For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If G_{TX} > 6 dBi, then $P_{Out} = 24 – (G_{TX} – 6)$.
▪ For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If G_{TX} > 6 dBi, then $P_{Out} = 24 – (G_{TX} – 6)$.
▪ For the 5.725-5.85 GHz band:
▪ Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then $P_{Out} = 30 – (G_{TX} – 6)$.
▪ Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
P_{Out} = maximum conducted output power in dBm, **G_{TX}** = the maximum transmitting antenna directional gain in dBi.

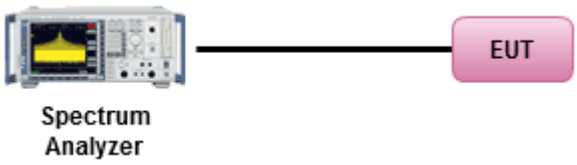
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
▪ Maximum Conducted Output Power	
	[duty cycle ≥ 98% or external video / power trigger]
	☒ Refer as FCC KDB 789033, clause E Method SA-1 (spectral trace averaging).
	☐ Refer as FCC KDB 789033, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)
	duty cycle < 98% and average over on/off periods with duty factor
	☐ Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
	☐ Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
	☐ Refer as FCC KDB 789033, clause E Method PM (using an RF average power meter).
▪ For conducted measurement.	
	▪ If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup

RF Output Power (Spectrum Analyzer)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix B

3.3.6 Test Result of Maximum Peak Conducted Output Power(for reference)

Test Setup

RF Output Power (Peak Power Meter)


Refer as Appendix B.2

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit	
UNII Devices	
▪ For the 5.15-5.25 GHz band:	
	▪ Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 23 dBi, then P_{Out} = 17 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6)..
▪ For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).	
▪ For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).	
▪ For the 5.725-5.85 GHz band:	
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz **G_{TX}** = the maximum transmitting antenna directional gain in dBi.	

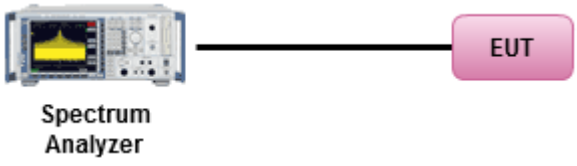
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method	
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
	☐ Refer as FCC KDB 789033, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
	[duty cycle ≥ 98% or external video / power trigger]
	☒ Refer as FCC KDB 789033, clause E Method SA-1 (spectral trace averaging).
	☐ Refer as FCC KDB 789033, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)
	duty cycle < 98% and average over on/off periods with duty factor
	☐ Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
	☐ Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
▪ For conducted measurement.	
	▪ If the EUT supports multiple transmit chains using options given below:
	☒ Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the N_{TX} output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
	☐ Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
	☐ Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
	▪ If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \ldots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix C

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

Unwanted emissions below 1 GHz and restricted band emissions above 1GHz 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.

Un-restricted band emissions above 1GHz Limit	
Operating Band	**Limit**
5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.725 - 5.85 GHz	5.715 5.725 GHz: e.i.r.p. -17 dBm [78.2 dBuV/m@3m] 5.85 5.86 GHz: e.i.r.p. -17 dBm [78.2 dBuV/m@3m] Other un-restricted band: e.i.r.p. -27 dBm [68.2 dBuV/m@3m]

Note 1: 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).

3.5.2 Measuring Instruments

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

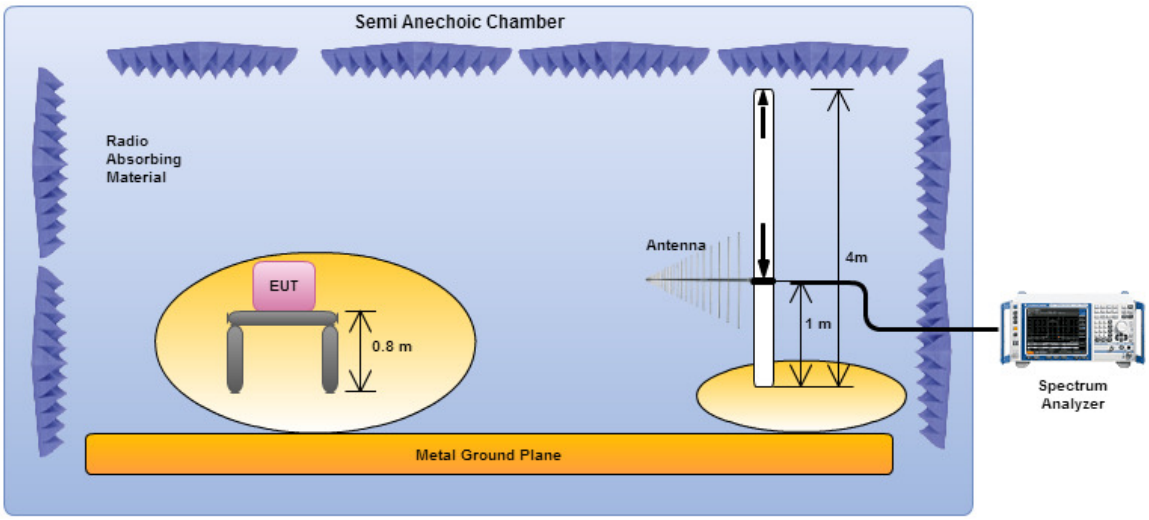
3.5.3 Test Procedures

Test Method		
▪ 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. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. 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).		
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].		
▪ For the transmitter unwanted emissions shall be measured using following options below:		
	▪ Refer as FCC KDB 789033, clause H)2) for unwanted emissions into non-restricted bands.	
	▪ Refer as FCC KDB 789033, clause H)1) for unwanted emissions into restricted bands.	
		☐ Refer as FCC KDB 789033, H)6) Method AD (Trace Averaging).
		☒ Refer as FCC KDB 789033, H)6) Method VB (Reduced VBW).
		☐ Refer as ANSI C63.10, clause 4.2.3.2.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.
		☐ Refer as ANSI C63.10, clause 4.2.3.2.4 average value of pulsed emissions.
		☒ Refer as FCC KDB 789033, clause H)5) measurement procedure peak limit.
		☐ Refer as ANSI C63.10, clause 4.2.3.2.2 measurement procedure peak limit.
▪ For radiated measurement.		
	▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.	
	▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.	
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.	
▪ The any unwanted emissions level shall not exceed the fundamental emission level.		
▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.		

Test Method	
▪ For conducted and cabinet radiation measurement, refer as FCC KDB 789033, clause H)3).	
	▪ For conducted unwanted emissions into non-restricted bands (relative emission limits). Devices with multiple transmit chains: Refer as FCC KDB 662911, when testing out-of-band and spurious emissions against relative emission limits, tests may be performed on each output individually without summing or adding 10 log(N) if the measurements are made relative to the in-band emissions on the individual outputs.
	▪ For conducted unwanted emissions into restricted bands (absolute emission limits). Devices with multiple transmit chains using options given below: (1) Measure and sum the spectra across the outputs or (2) Measure and add 10 log(N) dB
	▪ For FCC KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.

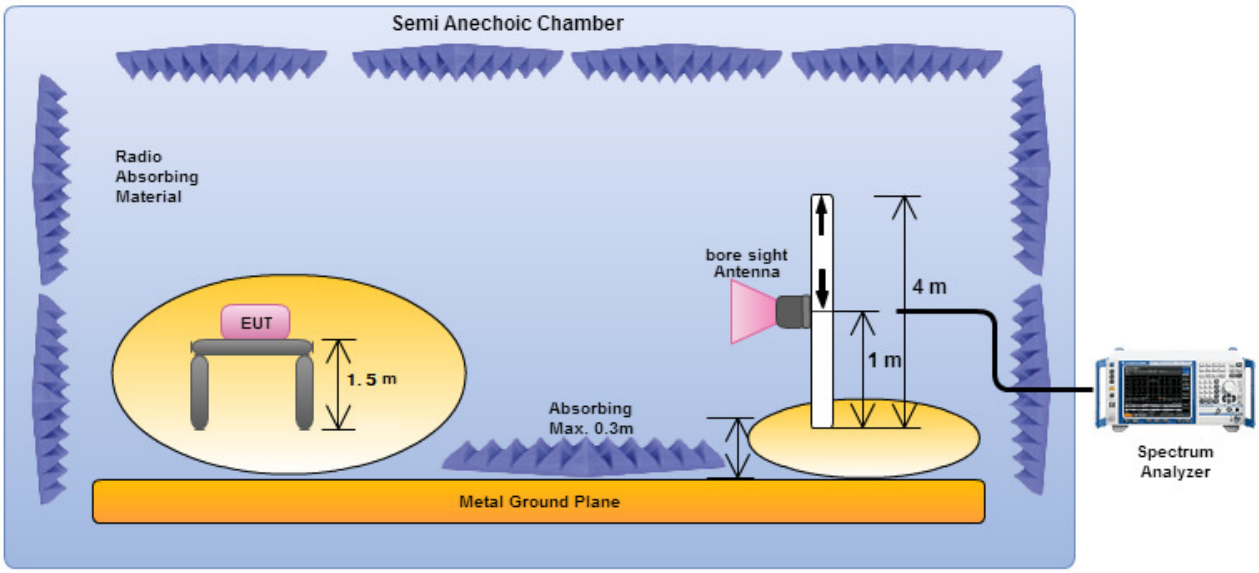
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions (below 1GHz)



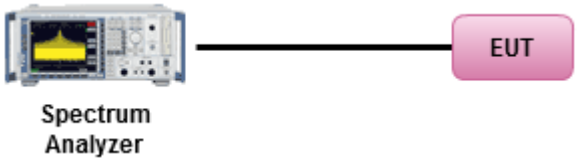
Magnetic field tests shall be performed in the frequency range of 9 kHz to 30 MHz using a calibrated loop antenna. Electric field tests shall be performed in the frequency range of 30 MHz to 1000 MHz using a calibrated bi-log antenna.

Transmitter Radiated Unwanted Emissions (Above 1GHz)



Electric field tests shall be performed in the frequency range of 1 GHz to 10th harmonic of highest fundamental frequency or 40 GHz using a calibrated horn antenna.

Transmitter Conducted Unwanted Emissions



3.5.5 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.6 Transmitter Unwanted Emissions

Antenna-ports conducted measurements are used as an alternative to radiated measurements for demonstrating compliance in the restricted frequency bands; in the meanwhile, an additional radiated test with 50ohm terminator for cabinet spurious emission is also performed.

3.5.7 Test Result of Conducted test of spurious emission

Refer as Appendix D

3.5.8 Test Result of Radatied test of spurious emission

Refer as Appendix D

3.6 Frequency Stability

3.6.1 Frequency Stability Limit

Frequency Stability Limit
UNII Devices
▪ In-band emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.
IEEE Std. 802.11
▪ The transmitter center frequency tolerance shall be ± 20 ppm maximum for the 5 GHz band.

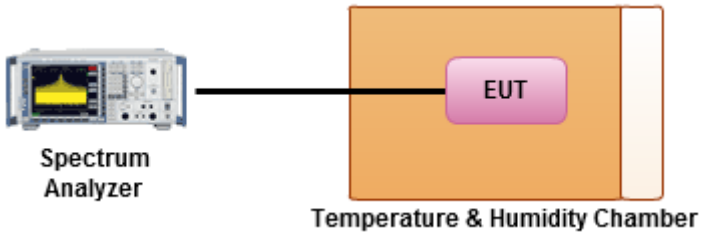
3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

Test Method	
▪ Refer as ANSI C63.10, clause 6.8 for frequency stability tests	
	▪ Frequency stability with respect to ambient temperature
	▪ Frequency stability when varying supply voltage

3.6.4 Test Setup

Frequency Stability


3.6.5 Test Result of Frequency Stability

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Last Cal.	Calibration Due Date
EMC Receiver	KEYSIGHT	N9038A	MY54130031	20Hz ~ 8.4GHz	Apr. 14, 2016	Apr. 13, 2017
LISN	MessTec	NNB-2/16Z	2001/009	9kHz ~ 30MHz	Oct. 21, 2015	Oct. 20, 2016
RF Cable-CON	HUBER+SUHNER	RG213/U	07611832010001	9kHz ~ 30MHz	Feb. 26, 2016	Feb. 25, 2017
EMI Filter	LINDGREN	LRE-2060	1004	< 450 Hz	N/A	N/A

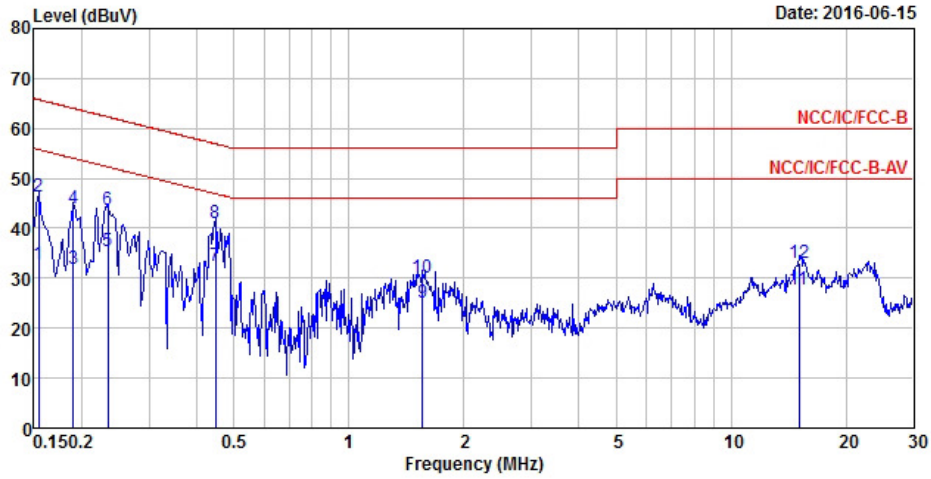
Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Last Cal.	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101500	9KHz~40GHz	May 12, 2016	May 11, 2017
Power Sensor	Anritsu	MA2411B	917017	300MHz ~ 40GHz	Feb. 04, 2016	Feb. 03, 2017
Power Meter	Anritsu	ML2495A	949003	300MHz ~ 40GHz	Feb. 04, 2016	Feb. 03, 2017
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	Jul. 28, 2015	Jul. 27, 2016
DC Power Source	G.W.	GPC-6030D	C671845	DC 1V ~ 60V	Jul. 22, 2015	Jul. 21, 2016

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Last Cal.	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz ~ 1GHz 3m	Nov. 28, 2015	Nov. 27, 2016
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz ~ 18GHz 3m	Dec. 16, 2015	Dec. 15, 2016
Amplifier	HP	8447D	2944A08033	10kHz ~ 1.3GHz	May 10, 2016	May 09, 2017
Amplifier	Agilent	8449B	3008A02120	1GHz ~ 26.5GHz	Sep. 02, 2015	Sep. 01, 2016
Spectrum	R&S	FSV40	101513	9kHz ~ 40GHz	Feb. 16, 2016	Feb. 15, 2017
Bilog Antenna	SCHAFFNER	CBL 6112D	22237	30MHz ~ 1GHz	Sep. 18, 2015	Sep. 17, 2016
Horn Antenna	SCHWARZBECK	BBHA9120D	1531	1GHz ~ 18GHz	Apr. 22, 2016	Apr. 21, 2017
Horn Antenna	SCHWARZBECK	BBHA9170	BBHA9170154	18GHz ~ 40GHz	Jan. 29, 2016	Jan. 28, 2017
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz ~ 1GHz 3m	Nov. 28, 2015	Nov. 27, 2016
Amplifier	MITEQ	JS44-18004000-33-8P	1840917	18GHz ~ 40GHz	Jun. 02, 2015	Jun. 01, 2017
Loop Antenna	TESEQ	HLA 6120	31244	9 kHz~30 MHz	Feb. 02, 2015	Feb. 01, 2017
DC Power Source	G.W.	GPC-6030D	C671845	DC 1V ~ 60V	Jul. 22, 2015	Jul. 21, 2016

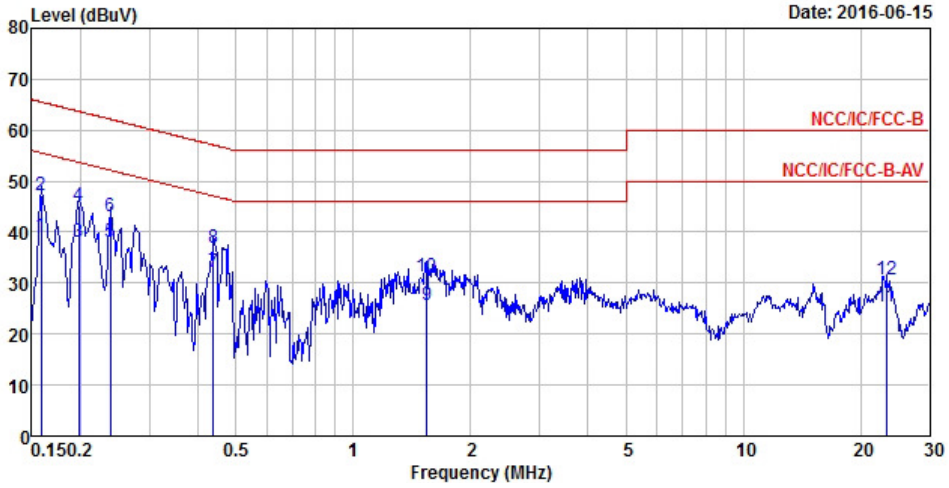
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	AC Power & Radio link (WLAN)		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.15	32.84	-22.94	55.78	22.78	0.10	0.10	Average
2	0.15	46.33	-19.45	65.78	36.27	0.10	0.10	QP
3	0.19	31.96	-22.06	54.02	21.91	0.09	0.10	Average
4	0.19	43.95	-20.07	64.02	33.90	0.09	0.10	QP
5	0.23	35.51	-16.79	52.30	25.46	0.09	0.10	Average
6	0.23	43.72	-18.58	62.30	33.67	0.09	0.10	QP
7	0.45	32.59	-14.34	46.93	22.53	0.10	0.10	Average
8	0.45	41.00	-15.93	56.93	30.94	0.10	0.10	QP
9	1.56	25.18	-20.82	46.00	15.07	0.14	0.10	Average
10	1.56	30.18	-25.82	56.00	20.07	0.14	0.10	QP
11	15.07	27.80	-22.20	50.00	17.17	0.59	0.10	Average
12	15.07	32.95	-27.05	60.00	22.32	0.59	0.10	QP

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

AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Line
Operating Function	AC Power & Radio link (WLAN)		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.16	39.17	-16.39	55.56	29.09	0.12	0.10	Average
2	0.16	47.38	-18.18	65.56	37.30	0.12	0.10	QP
3	0.20	38.13	-15.58	53.71	28.05	0.12	0.10	Average
4	0.20	45.19	-18.52	63.71	35.11	0.12	0.10	QP
5	0.24	37.96	-14.21	52.17	27.88	0.12	0.10	Average
6	0.24	43.21	-18.96	62.17	33.13	0.12	0.10	QP
7	0.44	32.29	-14.82	47.11	22.20	0.13	0.10	Average
8	0.44	36.99	-20.12	57.11	26.90	0.13	0.10	QP
9	1.54	25.70	-20.30	46.00	15.55	0.18	0.10	Average
10	1.54	31.25	-24.75	56.00	21.10	0.18	0.10	QP
11	23.26	25.47	-24.53	50.00	14.02	1.28	0.20	Average
12	23.26	30.82	-29.18	60.00	19.37	1.28	0.20	QP

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

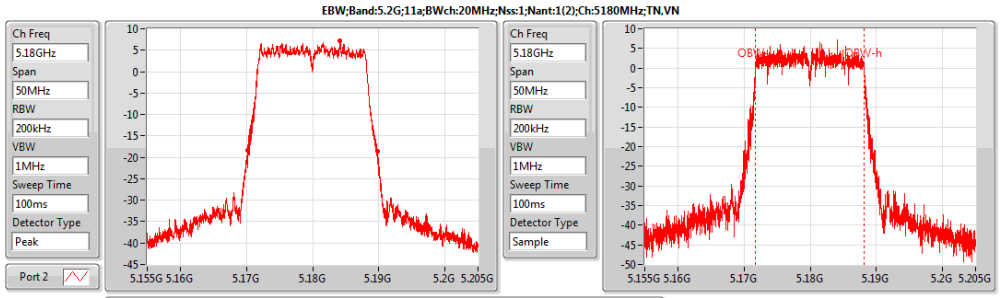
Summary

Mode	N dB (Hz)	OBW (Hz)	ITU-Code
5.2G;11a;20;1;1(2)	20M	16.467M	16M5D1D
5.8G;11a;20;1;1(2)	16.6M	16.567M	16M6D1D
5.2G;HT20;20;1,(M0-23);3	20M	17.816M	17M8D1D
5.8G;HT20;20;1,(M0-23);3	17.7M	17.716M	17M7D1D
5.2G;HT40;40;1,(M0-23);3	41.2M	36.032M	36M0D1D
5.8G;HT40;40;1,(M0-23);3	36.35M	36.232M	36M2D1D

Result

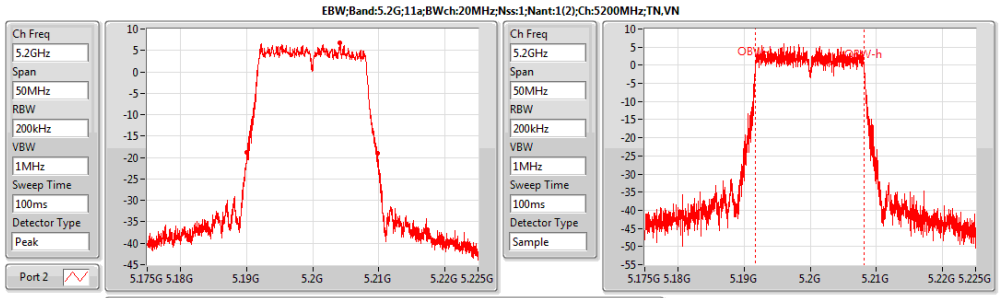
Mode	Result	Limit	P1-N dB (Hz)	P1-OBW (Hz)	P2-N dB (Hz)	P2-OBW (Hz)	P3-N dB (Hz)	P3-OBW (Hz)
5.2G;11a;20;1;1(2);5180;L;TN,VN	Pass	Inf			19.625M	16.467M		
5.2G;11a;20;1;1(2);5200;M;TN,VN	Pass	Inf			19.675M	16.467M		
5.2G;11a;20;1;1(2);5240;H;TN,VN	Pass	Inf			20M	16.467M		
5.8G;11a;20;1;1(2);5745;L;TN,VN	Pass	500k			16.475M	16.567M		
5.8G;11a;20;1;1(2);5785;M;TN,VN	Pass	500k			16.55M	16.542M		
5.8G;11a;20;1;1(2);5825;H;TN,VN	Pass	500k			16.6M	16.517M		
5.2G;HT20;20;1,(M0-23);3;5180;L;TN,VN	Pass	Inf	19.775M	17.516M	19.975M	17.816M	20M	17.641M
5.2G;HT20;20;1,(M0-23);3;5200;M;TN,VN	Pass	Inf	19.55M	17.466M	18.975M	17.191M	19.55M	17.391M
5.2G;HT20;20;1,(M0-23);3;5240;H;TN,VN	Pass	Inf	19.625M	17.441M	19.4M	17.416M	19.6M	17.491M
5.8G;HT20;20;1,(M0-23);3;5745;L;TN,VN	Pass	500k	17.675M	17.666M	17.6M	17.566M	17.575M	17.591M
5.8G;HT20;20;1,(M0-23);3;5785;M;TN,VN	Pass	500k	17.7M	17.716M	17.625M	17.591M	17.575M	17.566M
5.8G;HT20;20;1,(M0-23);3;5825;H;TN,VN	Pass	500k	17.2M	17.466M	17.525M	17.441M	17.625M	17.641M
5.2G;HT40;40;1,(M0-23);3;5190;L;TN,VN	Pass	Inf	39.9M	35.732M	38.5M	35.032M	40.15M	35.682M
5.2G;HT40;40;1,(M0-23);3;5230;H;TN,VN	Pass	Inf	40.65M	35.832M	40.45M	35.932M	41.2M	36.032M
5.8G;HT40;40;1,(M0-23);3;5755;L;TN,VN	Pass	500k	36.35M	35.832M	36.15M	35.932M	36.3M	35.882M
5.8G;HT40;40;1,(M0-23);3;5795;H;TN,VN	Pass	500k	34.65M	35.632M	36.1M	36.232M	36.35M	35.982M

EBW;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:1(2);Ch:5180MHz;TN,VN



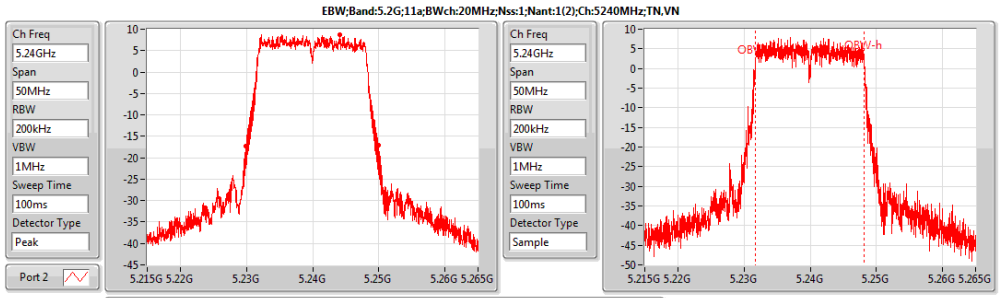
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.625M	5.170125G	5.18975G	16.467M	5.171704G	5.188171G	Inf	2

EBW;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:1(2);Ch:5200MHz;TN,VN



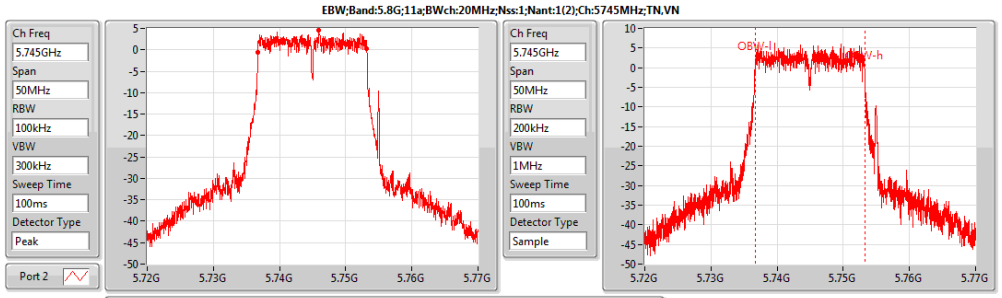
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.675M	5.1901G	5.209775G	16.467M	5.191704G	5.208171G	Inf	2

EBW;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:1(2);Ch:5240MHz;TN,VN



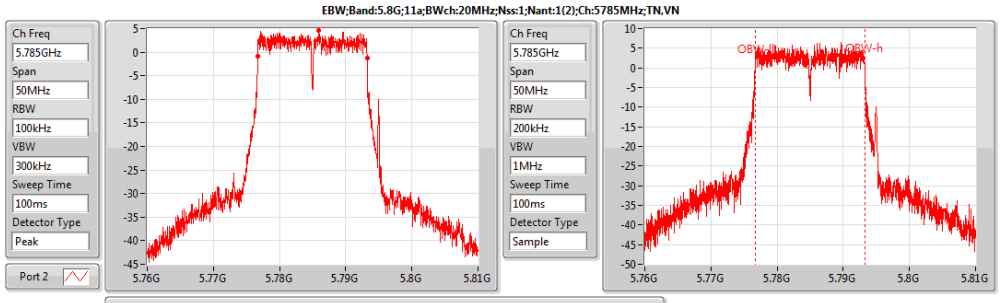
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20M	5.229925G	5.249925G	16.467M	5.231704G	5.248171G	Inf	2

EBW;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1(2);Ch:5745MHz;TN,VN



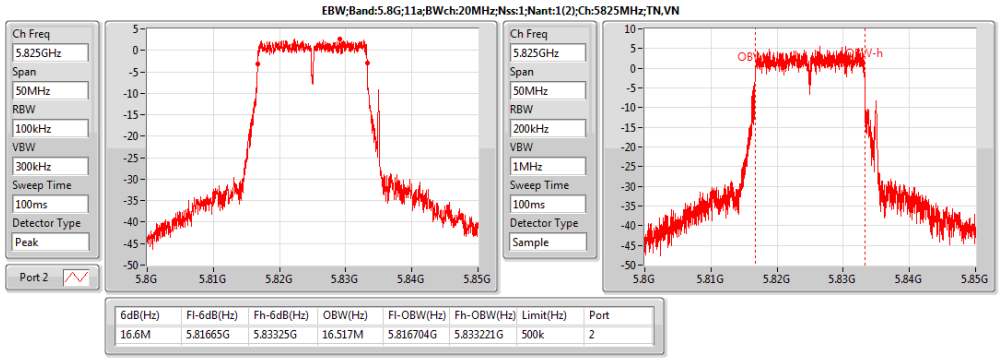
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.475M	5.736725G	5.7532G	16.567M	5.736654G	5.753221G	500k	2

EBW;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1(2);Ch:5785MHz;TN,VN



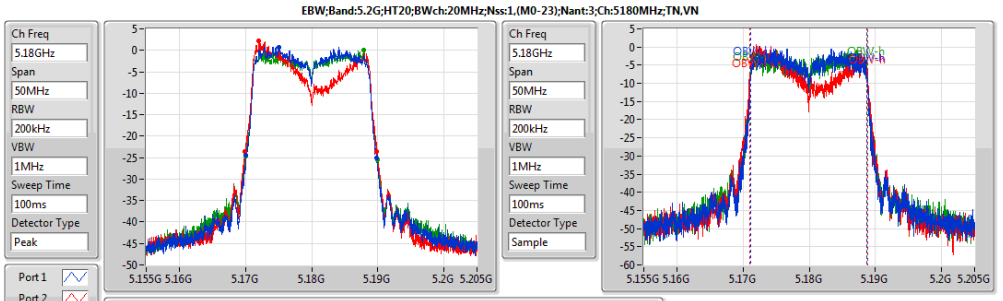
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.55M	5.7767G	5.79325G	16.542M	5.776679G	5.793221G	500k	2

EBW;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1(2);Ch:5825MHz;TN,VN



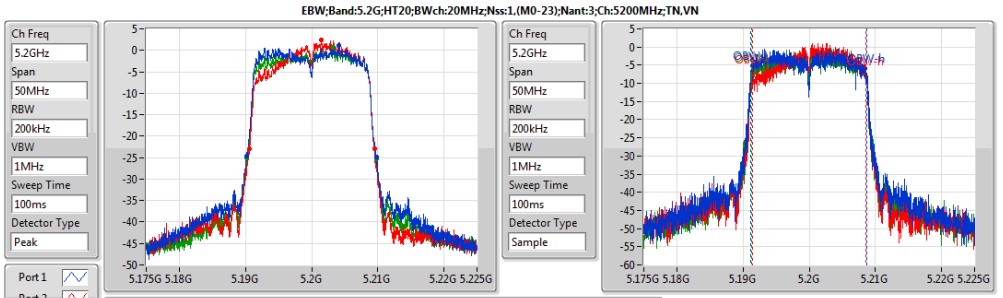
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.6M	5.81665G	5.83325G	16.517M	5.816704G	5.833221G	500k	2

EBW;Band:5.2G;HT20;BWch:20MHz;Nss:1,(M0-23);Nant:3;Ch:5180MHz;TN,VN



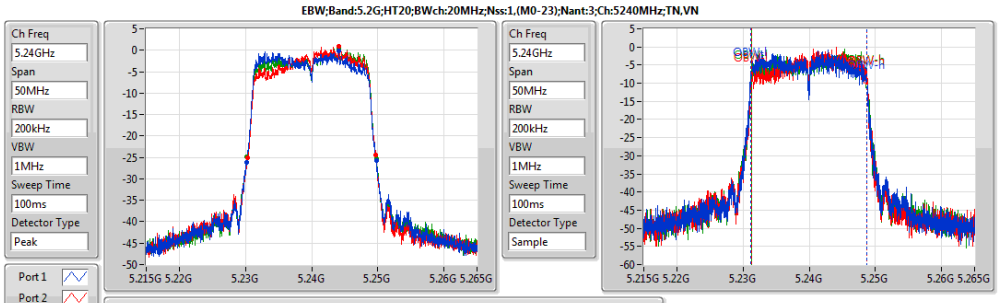
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.775M	5.1701G	5.189875G	17.516M	5.171179G	5.188696G	Inf	1
19.975M	5.1699G	5.189875G	17.816M	5.171004G	5.188821G	Inf	2
20M	5.17G	5.19G	17.641M	5.171129G	5.188771G	Inf	3

EBW;Band:5.2G;HT20;BWch:20MHz;Nss:1,(M0-23);Nant:3;Ch:5200MHz;TN,VN



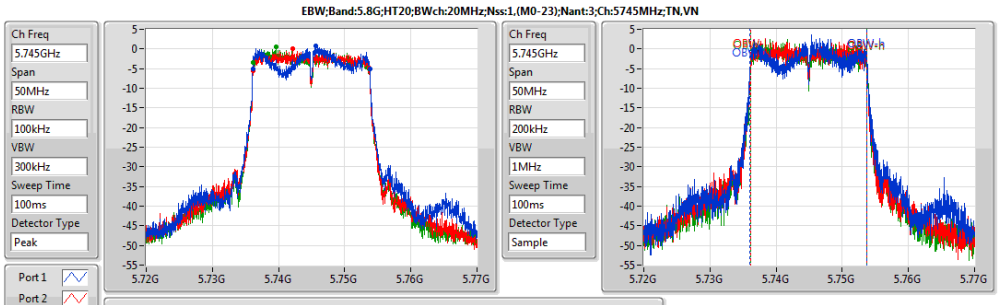
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.55M	5.190225G	5.209775G	17.466M	5.191204G	5.208671G	Inf	1
18.975M	5.190575G	5.20955G	17.191M	5.191429G	5.208621G	Inf	2
19.55M	5.190225G	5.209775G	17.391M	5.191254G	5.208646G	Inf	3

EBW;Band:5.2G;HT20;BWch:20MHz;Nss:1,(M0-23);Nant:3;Ch:5240MHz;TN,VN



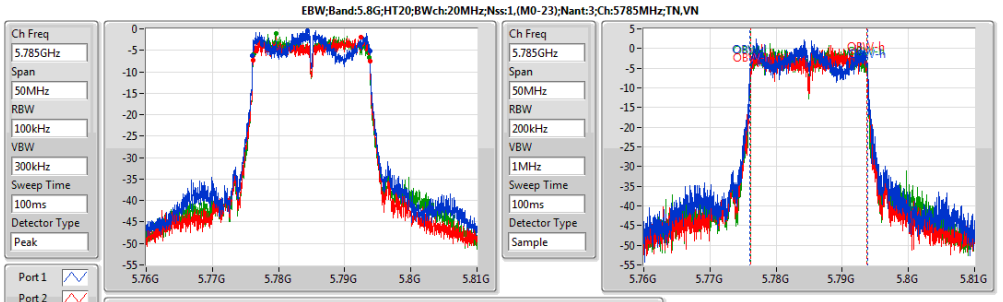
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.625M	5.23015G	5.249775G	17.441M	5.231204G	5.248646G	Inf	1
19.4M	5.230325G	5.249725G	17.416M	5.231279G	5.248696G	Inf	2
19.6M	5.2302G	5.2498G	17.491M	5.231229G	5.248721G	Inf	3

EBW;Band:5.8G;HT20;BWch:20MHz;Nss:1,(M0-23);Nant:3;Ch:5745MHz;TN,VN



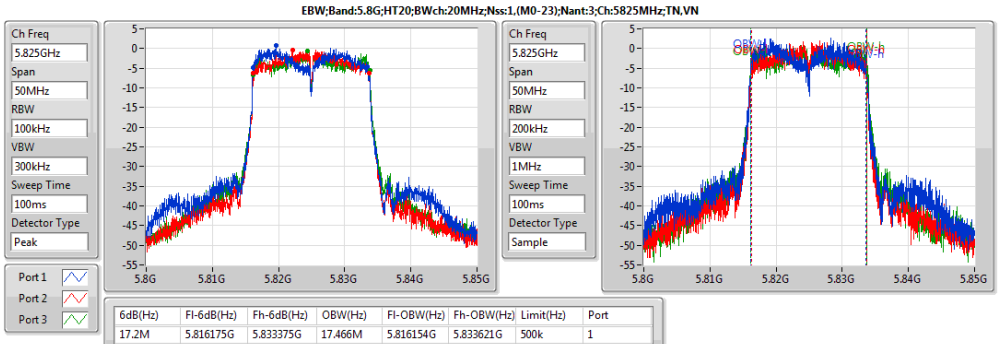
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.675M	5.7361G	5.753775G	17.666M	5.736079G	5.753746G	500k	1
17.6M	5.73615G	5.75375G	17.566M	5.736154G	5.753721G	500k	2
17.575M	5.736175G	5.75375G	17.591M	5.736129G	5.753721G	500k	3

EBW;Band:5.8G;HT20;BWch:20MHz;Nss:1,(M0-23);Nant:3;Ch:5785MHz;TN,VN



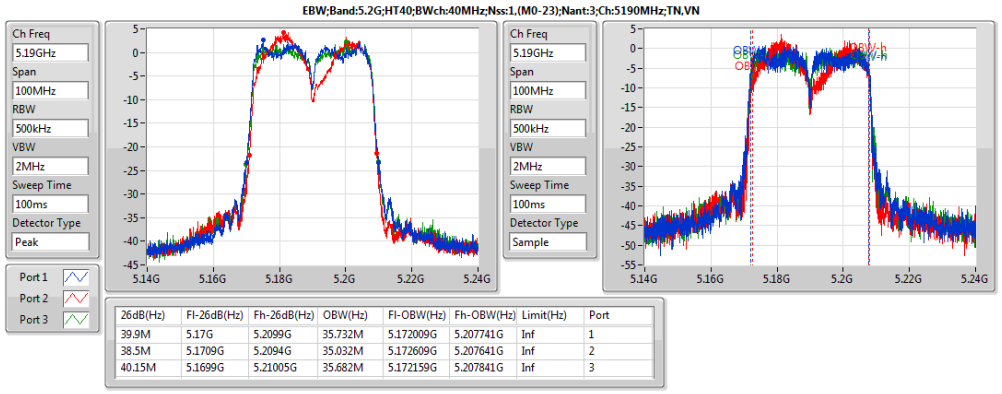
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.7M	5.776075G	5.793775G	17.716M	5.776079G	5.793796G	500k	1
17.625M	5.77615G	5.793775G	17.591M	5.776154G	5.793746G	500k	2
17.575M	5.776175G	5.79375G	17.566M	5.776154G	5.793721G	500k	3

EBW;Band:5.8G;HT20;BWch:20MHz;Nss:1,(M0-23);Nant:3;Ch:5825MHz;TN,VN



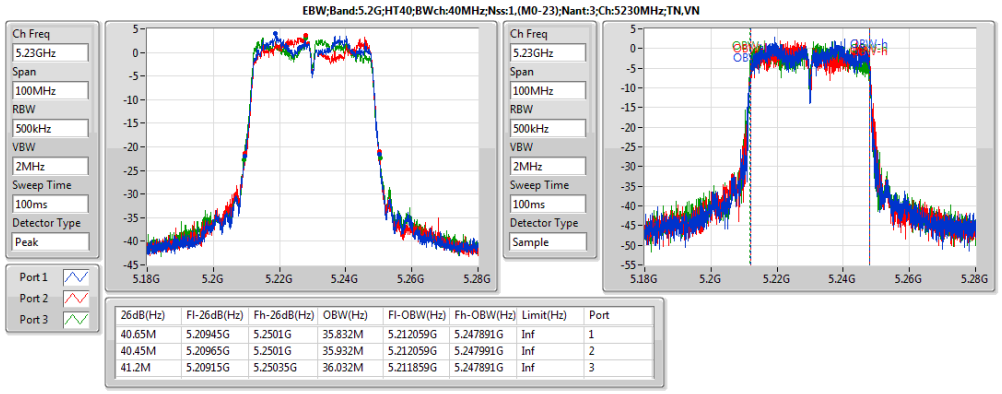
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.2M	5.816175G	5.833375G	17.466M	5.816154G	5.833621G	500k	1
17.525M	5.8162G	5.833725G	17.441M	5.816229G	5.833671G	500k	2
17.625M	5.81615G	5.833775G	17.641M	5.816129G	5.833771G	500k	3

EBW;Band:5.2G;HT40;BWch:40MHz;Nss:1,(M0-23);Nant:3;Ch:5190MHz;TN,VN



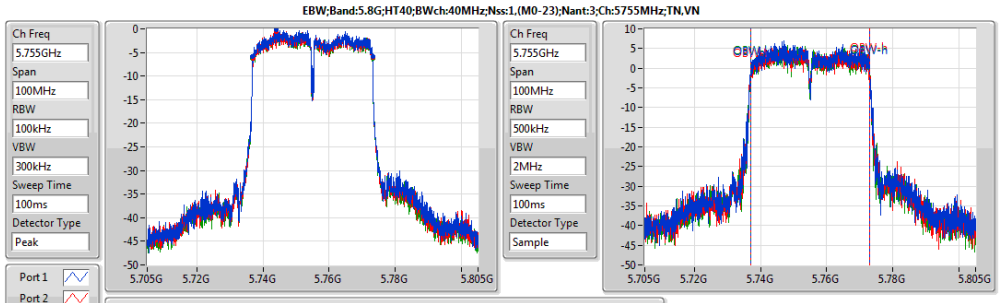
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.9M	5.17G	5.2099G	35.732M	5.172009G	5.207741G	Inf	1
38.5M	5.1709G	5.2094G	35.032M	5.172609G	5.207641G	Inf	2
40.15M	5.1699G	5.21005G	35.682M	5.172159G	5.207841G	Inf	3

EBW;Band:5.2G;HT40;BWch:40MHz;Nss:1,(M0-23);Nant:3;Ch:5230MHz;TN,VN



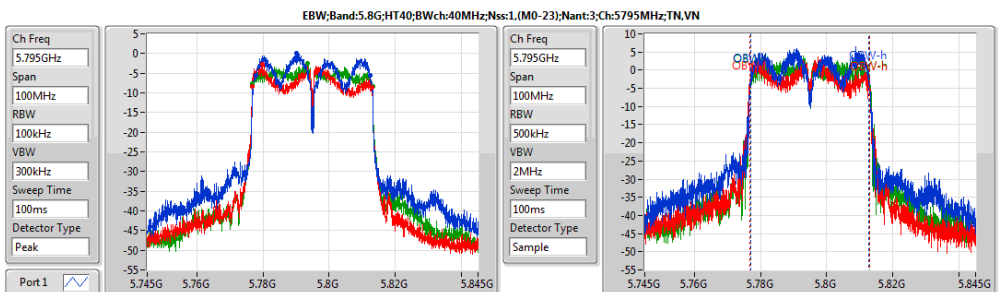
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.65M	5.20945G	5.2501G	35.832M	5.212059G	5.247891G	Inf	1
40.45M	5.20965G	5.2501G	35.932M	5.212059G	5.247991G	Inf	2
41.2M	5.20915G	5.25035G	36.032M	5.211859G	5.247891G	Inf	3

EBW;Band:5.8G;HT40;BWch:40MHz;Nss:1,(M0-23);Nant:3;Ch:5755MHz;TN,VN



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.35M	5.7368G	5.77315G	35.832M	5.737109G	5.772941G	500k	1
36.15M	5.737G	5.77315G	35.932M	5.737009G	5.772941G	500k	2
36.3M	5.73685G	5.77315G	35.882M	5.737059G	5.772941G	500k	3

EBW;Band:5.8G;HT40;BWch:40MHz;Nss:1,(M0-23);Nant:3;Ch:5795MHz;TN,VN



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.65M	5.77785G	5.8125G	35.632M	5.777109G	5.812741G	500k	1
36.1M	5.77675G	5.81285G	36.232M	5.776709G	5.812941G	500k	2
36.35M	5.7768G	5.81315G	35.982M	5.776959G	5.812941G	500k	3

Summary

Mode	Sum (dBm)	Sum (W)	EIRP (dBm)	EIRP (W)
5.2G;11a;20;1;1(2)	20.78	0.11967	22.68	0.18535
5.8G;11a;20;1;1(2)	17.1	0.05129	19.00	0.07943
5.2G;HT20;20;1,(M0-23);3	15.92	0.03908	17.82	0.06053
5.8G;HT20;20;1,(M0-23);3	17.73	0.05929	19.63	0.09183
5.2G;HT40;40;1,(M0-23);3	16.55	0.04519	18.45	0.06998
5.8G;HT40;40;1,(M0-23);3	17.85	0.06095	19.75	0.09441

Result

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP Lim. (dBm)	Sum (dBm)	Sum Lim. (dBm)	P1 (dBm)	P2 (dBm)	P3 (dBm)
5.2G;11a;20;1;1(2);5180;L;TN,VN	Pass	1.90	20.52	36.00	18.62	30.00		18.62	
5.2G;11a;20;1;1(2);5200;M;TN,VN	Pass	1.90	19.37	36.00	17.47	30.00		17.47	
5.2G;11a;20;1;1(2);5240;H;TN,VN	Pass	1.90	22.68	36.00	20.78	30.00		20.78	
5.8G;11a;20;1;1(2);5745;L;TN,VN	Pass	1.90	18.58	36.00	16.68	30.00		16.68	
5.8G;11a;20;1;1(2);5785;M;TN,VN	Pass	1.90	19.00	36.00	17.1	30.00		17.10	
5.8G;11a;20;1;1(2);5825;H;TN,VN	Pass	1.90	18.53	36.00	16.63	30.00		16.63	
5.2G;HT20;20;1,(M0-23);3;5180;L;TN,VN	Pass	1.90	17.13	36.00	15.23	30.00	10.97	9.72	10.60
5.2G;HT20;20;1,(M0-23);3;5200;M;TN,VN	Pass	1.90	17.82	36.00	15.92	30.00	11.20	11.42	10.80
5.2G;HT20;20;1,(M0-23);3;5240;H;TN,VN	Pass	1.90	17.11	36.00	15.21	30.00	10.40	10.28	10.63
5.8G;HT20;20;1,(M0-23);3;5745;L;TN,VN	Pass	1.90	18.84	36.00	16.94	30.00	12.02	12.30	12.19
5.8G;HT20;20;1,(M0-23);3;5785;M;TN,VN	Pass	1.90	18.85	36.00	16.95	30.00	12.37	11.88	12.28
5.8G;HT20;20;1,(M0-23);3;5825;H;TN,VN	Pass	1.90	19.63	36.00	17.73	30.00	13.36	12.90	12.58
5.2G;HT40;40;1,(M0-23);3;5190;L;TN,VN	Pass	1.90	17.51	36.00	15.61	30.00	10.84	10.87	10.81
5.2G;HT40;40;1,(M0-23);3;5230;H;TN,VN	Pass	1.90	18.45	36.00	16.55	30.00	11.97	11.61	11.75
5.8G;HT40;40;1,(M0-23);3;5755;L;TN,VN	Pass	1.90	19.75	36.00	17.85	30.00	13.72	12.43	12.99
5.8G;HT40;40;1,(M0-23);3;5795;H;TN,VN	Pass	1.90	19.70	36.00	17.80	30.00	13.82	12.38	12.75

Maximum Conducted Output Power (5150-5250MHz band)						
Condition			RF Output Peak Power (dBm)			
Modulation Mode	N_{TX}	Freq. (MHz)	Chain Port 1	Chain Port 2	Chain Port 3	Sum Chain
11a	3	5180	-	23.54	-	23.54
11a	3	5200	-	22.51	-	22.51
11a	3	5240	-	25.73	-	25.73
HT20	3	5180	16.15	14.37	15.91	20.32
HT20	3	5200	16.40	16.62	15.92	21.10
HT20,	3	5240	15.62	15.38	15.85	20.39
HT40	3	5190	15.70	15.89	15.59	20.50
HT40	3	5230	17.24	16.55	17.04	21.72

Maximum Conducted Output Power (5725-5825MHz band)						
Condition			RF Output Peak Power (dBm)			
Modulation Mode	N_{TX}	Freq. (MHz)	Chain Port 1	Chain Port 2	Chain Port 3	Sum Chain
11a	3	5745	-	21.66	-	21.66
11a	3	5785	-	21.91	-	21.91
11a	3	5805	-	21.63	-	21.63
HT20	3	5745	17.21	17.48	17.22	22.08
HT20	3	5785	18.16	16.41	17.23	22.10
HT20,	3	5805	18.66	17.89	17.55	22.83
HT40	3	5755	18.20	17.42	17.57	22.52
HT40	3	5795	18.49	17.11	18.01	22.68

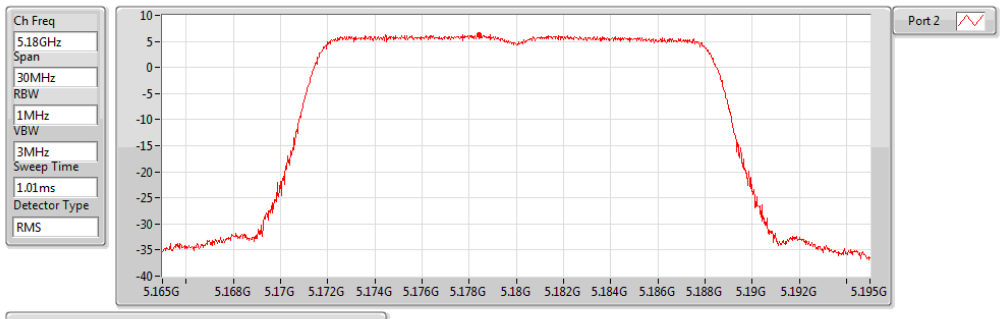
Summary

Mode	PD (dBm/RBW)	EIRP.PD (dBm/RBW)
5.2G;11a;20;1;1(2)	8.61	10.51
5.8G;11a;20;1;1(2)	4.43	6.33
5.2G;HT20;20;1,(M0-23);3	5.94	12.61
5.8G;HT20;20;1,(M0-23);3	4.93	11.60
5.2G;HT40;40;1,(M0-23);3	3.23	9.90
5.8G;HT40;40;1,(M0-23);3	4.14	10.81

Result

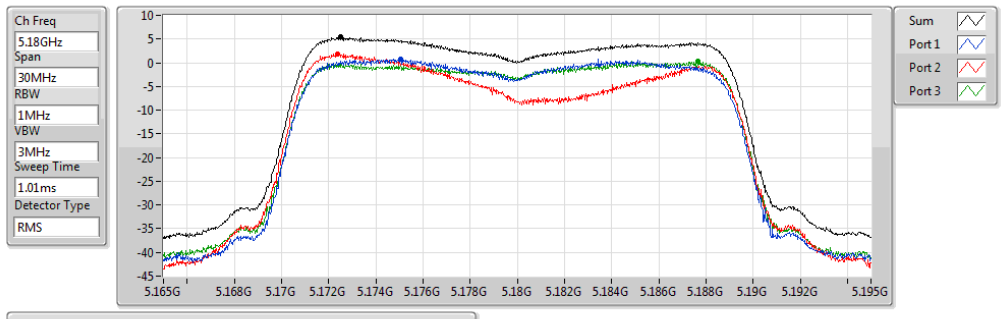
Mode	Result	Meas.RBW (Hz)	Lim.RBW (Hz)	BWCF (dB)	DG (dBi)	Sum.Max (dBm/RBW)	PD (dBm/RBW)	PD.Limit (dBm/RBW)	EIRP.PD (dBm/RBW)	EIRP.PD.Lim (dBm/RBW)	P1 (dBm/RBW)	P2 (dBm/RBW)	P3 (dBm/RBW)
5.2G;11a;20;1;1(2);5180;L;TN,VN	Pass	1M	1M	0.00	1.90	6.32	6.32	17.00	8.22	Inf		6.32	
5.2G;11a;20;1;1(2);5200;M;TN,VN	Pass	1M	1M	0.00	1.90	6.00	6.00	17.00	7.90	Inf		6.00	
5.2G;11a;20;1;1(2);5240;H;TN,VN	Pass	1M	1M	0.00	1.90	8.61	8.61	17.00	10.51	Inf		8.61	
5.8G;11a;20;1;1(2);5745;L;TN,VN	Pass	500k	500k	0.00	1.90	3.58	3.58	30.00	5.48	36.00		3.58	
5.8G;11a;20;1;1(2);5785;M;TN,VN	Pass	500k	500k	0.00	1.90	4.43	4.43	30.00	6.33	36.00		4.43	
5.8G;11a;20;1;1(2);5825;H;TN,VN	Pass	500k	500k	0.00	1.90	3.28	3.28	30.00	5.18	36.00		3.28	
5.2G;HT20;20;1,(M0-23);3;5180;L;TN,VN	Pass	1M	1M	0.00	6.67	5.43	5.43	16.33	12.10	Inf	0.86	1.94	0.28
5.2G;HT20;20;1,(M0-23);3;5200;M;TN,VN	Pass	1M	1M	0.00	6.67	5.94	5.94	16.33	12.61	Inf	0.84	2.52	0.97
5.2G;HT20;20;1,(M0-23);3;5240;H;TN,VN	Pass	1M	1M	0.00	6.67	5.33	5.33	16.33	12.00	Inf	0.13	1.63	1.09
5.8G;HT20;20;1,(M0-23);3;5745;L;TN,VN	Pass	500k	500k	0.00	6.67	4.93	4.93	29.33	11.60	35.33	1.58	0.27	0.76
5.8G;HT20;20;1,(M0-23);3;5785;M;TN,VN	Pass	500k	500k	0.00	6.67	3.28	3.28	29.33	9.95	35.33	0.07	-1.31	-0.74
5.8G;HT20;20;1,(M0-23);3;5825;H;TN,VN	Pass	500k	500k	0.00	6.67	3.87	3.87	29.33	10.55	35.33	0.71	0.18	-0.15
5.2G;HT40;40;1,(M0-23);3;5190;L;TN,VN	Pass	1M	1M	0.00	6.67	2.59	2.59	16.33	9.26	Inf	-2.32	-0.34	-2.54
5.2G;HT40;40;1,(M0-23);3;5230;H;TN,VN	Pass	1M	1M	0.00	6.67	3.23	3.23	16.33	9.90	Inf	-0.68	-0.76	-0.89
5.8G;HT40;40;1,(M0-23);3;5755;L;TN,VN	Pass	500k	500k	0.00	6.67	4.14	4.14	29.33	10.81	35.33	-0.29	-0.34	-0.41
5.8G;HT40;40;1,(M0-23);3;5795;H;TN,VN	Pass	500k	500k	0.00	6.67	2.61	2.61	29.33	9.28	35.33	0.21	-2.67	-2.60

PSD;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:1(2);Ch:5180MHz;TN,VN



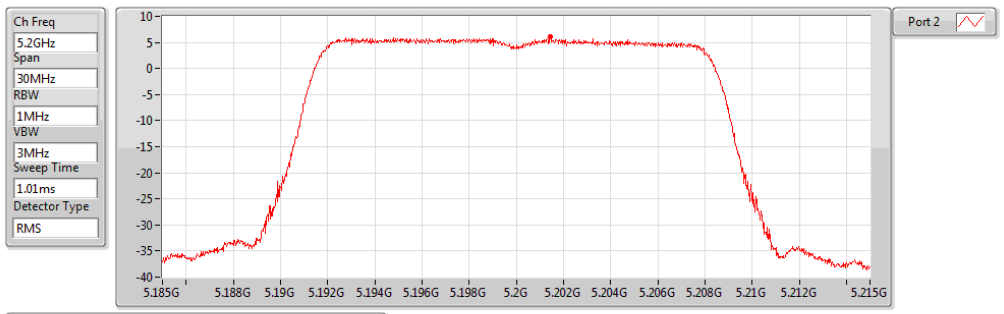
Sum.Max	PD	P1	P2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.32	6.32		6.32

PSD;Band:5.2G;HT20;BWch:20MHz;Nss:1,(M0-23);Nant:3;Ch:5180MHz;TN,VN



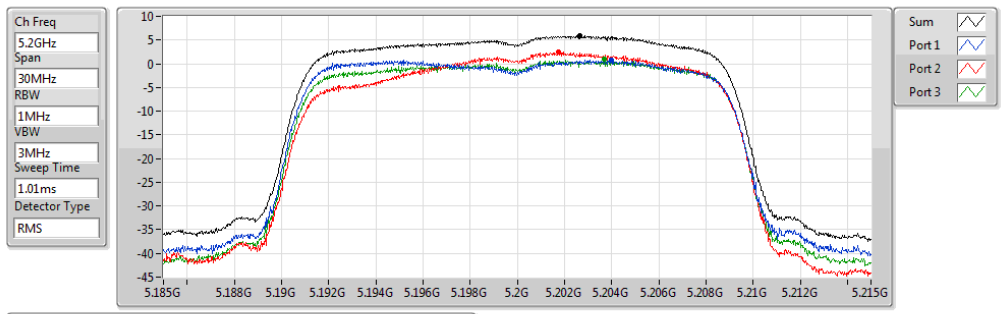
Sum.Max	PD	P1	P2	P3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.43	5.43	0.86	1.94	0.28

PSD;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:1(2);Ch:5200MHz;TN,VN



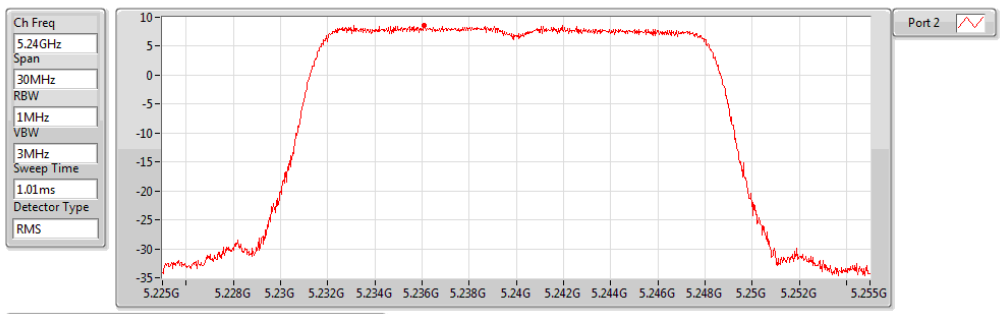
Sum.Max	PD	P1	P2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.00	6.00		6.00

PSD;Band:5.2G;HT20;BWch:20MHz;Nss:1,(M0-23);Nant:3;Ch:5200MHz;TN,VN



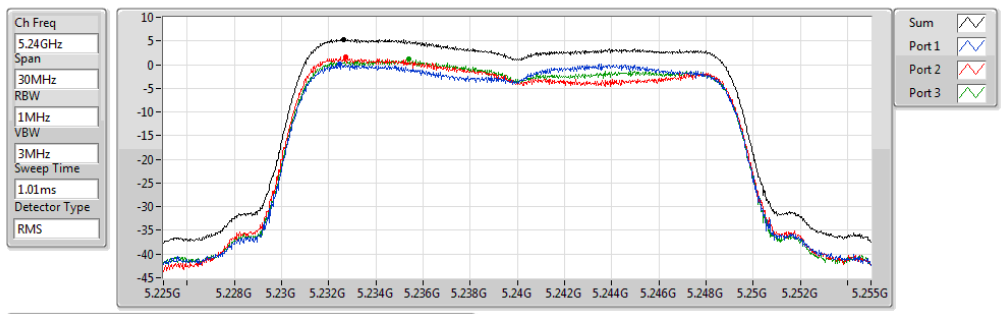
Sum.Max	PD	P1	P2	P3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.94	5.94	0.84	2.52	0.97

PSD;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:1(2);Ch:5240MHz;TN,VN



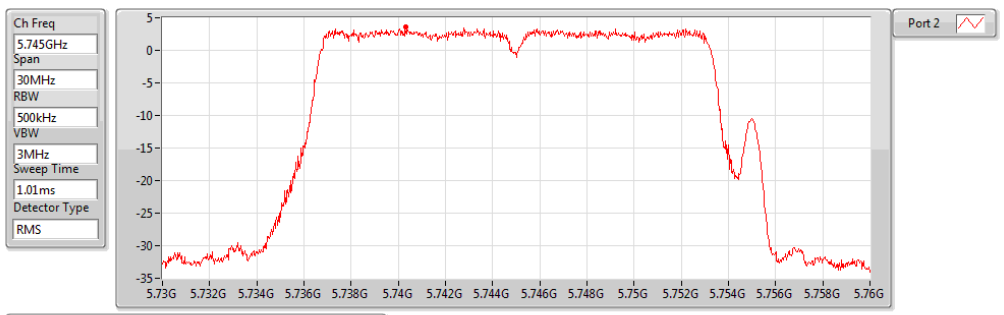
Sum.Max	PD	P1	P2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.61	8.61		8.61

PSD;Band:5.2G;HT20;BWch:20MHz;Nss:1,(M0-23);Nant:3;Ch:5240MHz;TN,VN



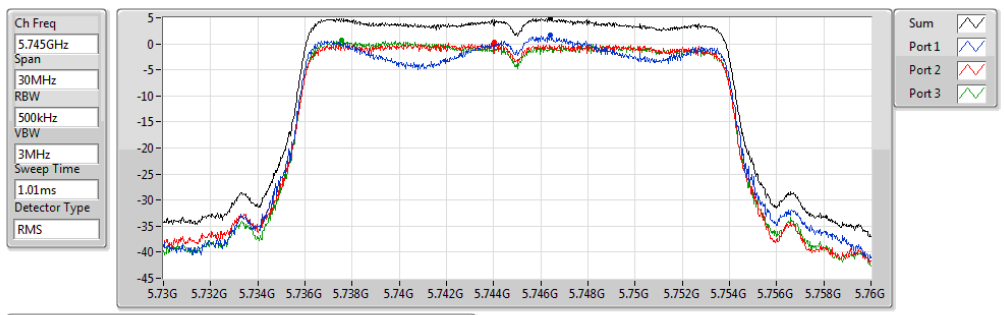
Sum.Max	PD	P1	P2	P3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.33	5.33	0.13	1.63	1.09

PSD;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1(2);Ch:5745MHz;TN,VN



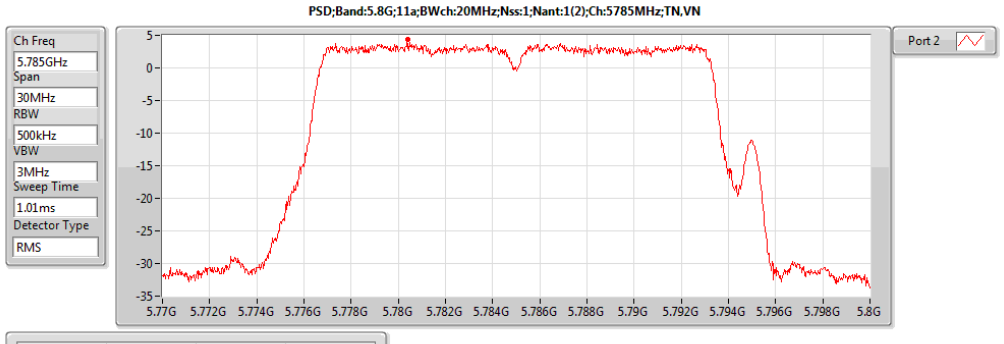
Sum.Max	PD	P1	P2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.58	3.58		3.58

PSD;Band:5.8G;HT20;BWch:20MHz;Nss:1,(M0-23);Nant:3;Ch:5745MHz;TN,VN



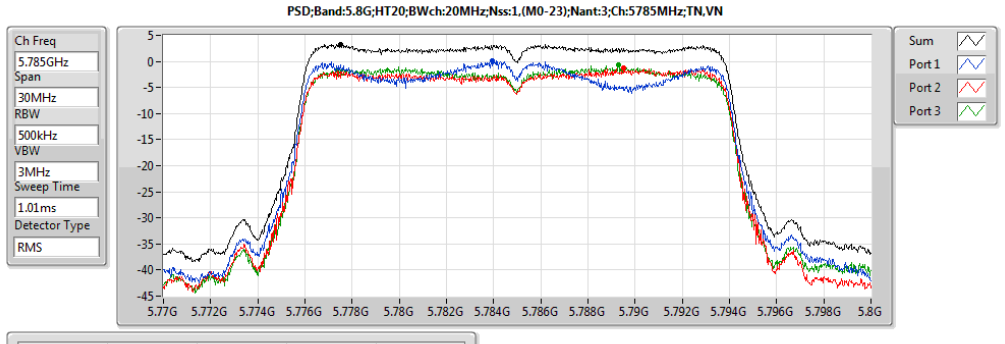
Sum.Max	PD	P1	P2	P3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.93	4.93	1.58	0.27	0.76

PSD;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1(2);Ch:5785MHz;TN,VN



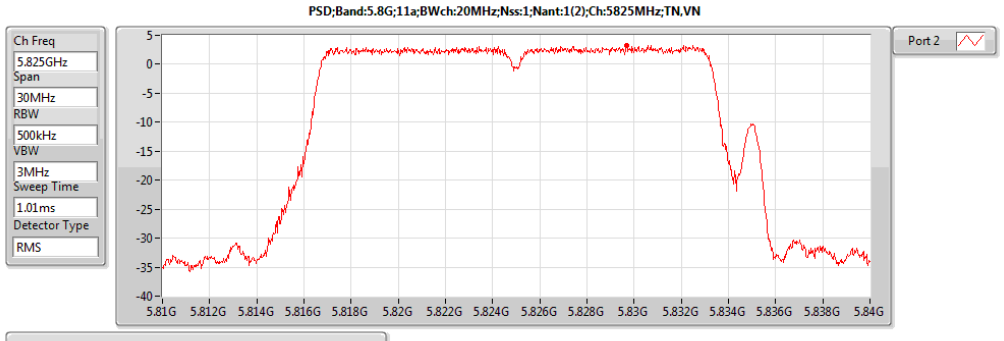
Sum.Max	PD	P1	P2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.43	4.43		4.43

PSD;Band:5.8G;HT20;BWch:20MHz;Nss:1,(M0-23);Nant:3;Ch:5785MHz;TN,VN



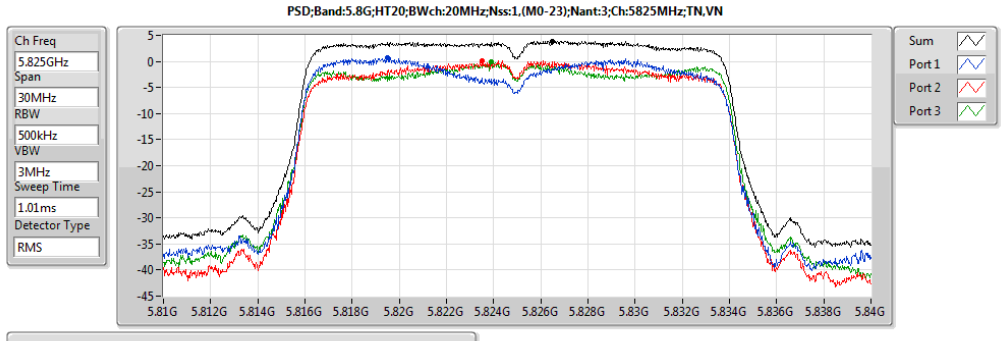
Sum.Max	PD	P1	P2	P3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.28	3.28	0.07	-1.31	-0.74

PSD;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1(2);Ch:5825MHz;TN,VN



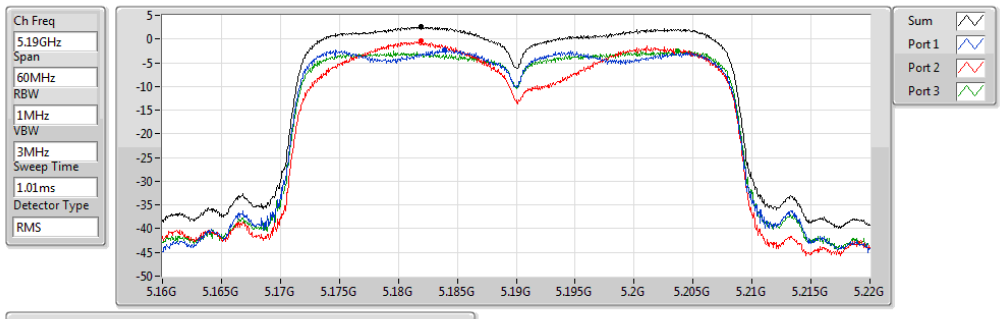
Sum.Max	PD	P1	P2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.28	3.28		3.28

PSD;Band:5.8G;HT20;BWch:20MHz;Nss:1,(M0-23);Nant:3;Ch:5825MHz;TN,VN



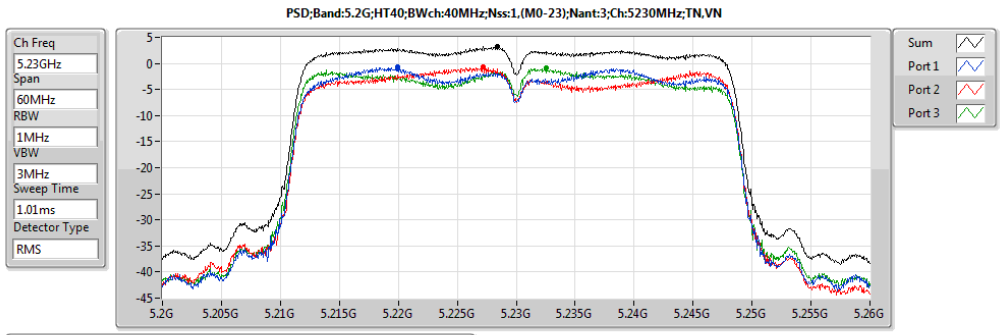
Sum.Max	PD	P1	P2	P3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.87	3.87	0.71	0.18	-0.15

PSD;Band:5.2G;HT40;BWch:40MHz;Nss:1,(M0-23);Nant:3;Ch:5190MHz;TN,VN



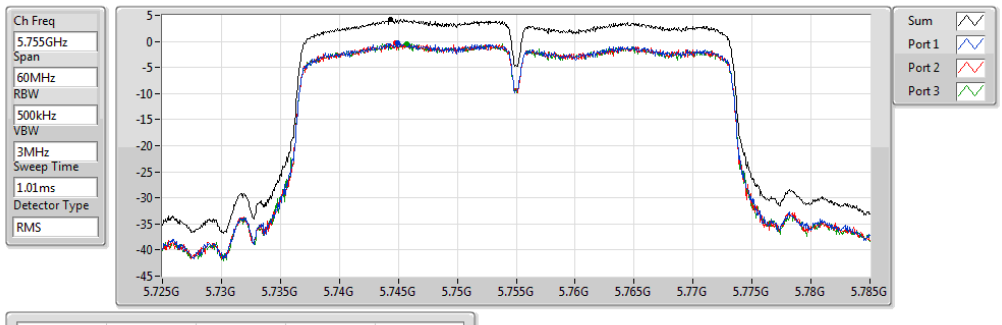
Sum.Max	PD	P1	P2	P3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.59	2.59	-2.32	-0.34	-2.54

PSD;Band:5.2G;HT40;BWch:40MHz;Nss:1,(M0-23);Nant:3;Ch:5230MHz;TN,VN



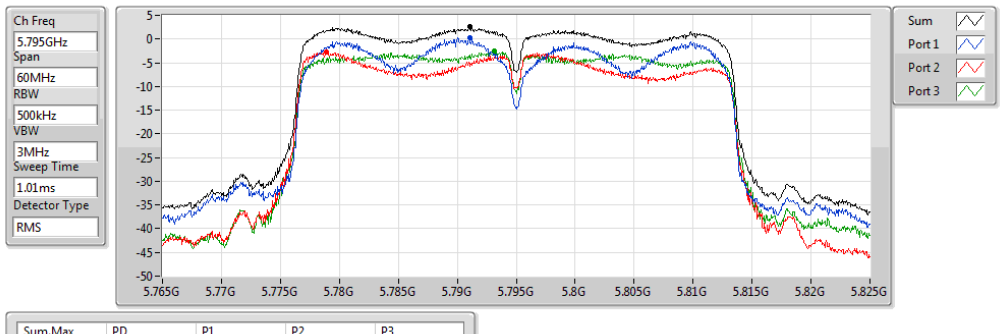
Sum.Max	PD	P1	P2	P3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.23	3.23	-0.68	-0.76	-0.89

PSD;Band:5.8G;HT40;BWch:40MHz;Nss:1,(M0-23);Nant:3;Ch:5755MHz;TN,VN



Sum.Max	PD	P1	P2	P3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.14	4.14	-0.29	-0.34	-0.41

PSD;Band:5.8G;HT40;BWch:40MHz;Nss:1,(M0-23);Nant:3;Ch:5795MHz;TN,VN



Sum.Max	PD	P1	P2	P3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.61	2.61	0.21	-2.67	-2.60

Summary

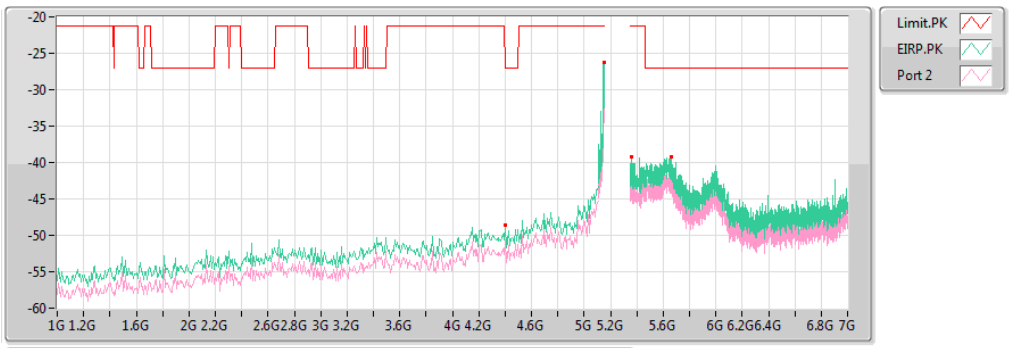
Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Type	Freq (Hz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	DG (dBi)	Loss (dB)	Refl (dB)	Psum (dBm)	P1 (dBm)	P2 (dBm)	P3 (dBm)
5.2G;HT20;20;1,(M0-23);3;5200;M;TN,VN	Pass	5.11G	5.15G	1M	AV	5.14792G	-42.31	-41.30	-1.01	6.67	6.43	0.00	-48.98	-53.75	-54.21	-53.33
5.8G;HT20;20;1,(M0-23);3;5745;L;TN,VN	Pass	1G	5.685G	1M	AV	5.14154G	-41.42	-41.30	-0.12	6.67	6.43	0.00	-48.09	-55.20	-49.59	-58.17
5.2G;HT20;20;1,(M0-23);3;5200;M;TN,VN	Pass	5.11G	5.15G	1M	AV	5.14792G	-42.31	-41.30	-1.01	6.67	6.43	0.00	-48.98	-53.75	-54.21	-53.33
5.8G;HT20;20;1,(M0-23);3;5745;L;TN,VN	Pass	1G	5.685G	1M	AV	5.14154G	-41.42	-41.30	-0.12	6.67	6.43	0.00	-48.09	-55.20	-49.59	-58.17
5.2G;HT20;20;1,(M0-23);3;5200;M;TN,VN	Pass	5.11G	5.15G	1M	AV	5.14792G	-42.31	-41.30	-1.01	6.67	6.43	0.00	-48.98	-53.75	-54.21	-53.33
5.8G;HT20;20;1,(M0-23);3;5745;L;TN,VN	Pass	1G	5.685G	1M	AV	5.14154G	-41.42	-41.30	-0.12	6.67	6.43	0.00	-48.09	-55.20	-49.59	-58.17

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Type	Freq (Hz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	DG (dBi)	Loss (dB)	Refl (dB)	Psum (dBm)	P1 (dBm)	P2 (dBm)	P3 (dBm)
5.2G;11a;20;1;1(2);5180;L;TN,VN	Pass	1G	5.11G	1M	PK	4.40308G	-48.58	-27.00	-21.58	2.00	6.10	0.00	-50.58	-	-50.58	
5.2G;11a;20;1;1(2);5180;L;TN,VN	Pass	5.11G	5.15G	1M	PK	5.14936G	-26.28	-21.30	-4.98	2.00	6.43	0.00	-28.28	-	-28.28	
5.2G;11a;20;1;1(2);5180;L;TN,VN	Pass	5.35G	5.39G	1M	PK	5.36088G	-39.22	-21.30	-17.92	2.00	6.54	0.00	-41.22	-	-41.22	
5.2G;11a;20;1;1(2);5180;L;TN,VN	Pass	5.39G	7G	1M	PK	5.661285G	-39.20	-27.00	-12.20	2.00	6.74	0.00	-41.20	-	-41.20	
5.2G;11a;20;1;1(2);5180;L;TN,VN	Pass	1G	5.11G	1M	AV	5.11G	-52.42	-41.30	-11.12	2.00	6.42	0.00	-54.42	-	-54.42	
5.2G;11a;20;1;1(2);5180;L;TN,VN	Pass	5.11G	5.15G	1M	AV	5.12792G	-43.21	-41.30	-1.91	2.00	6.42	0.00	-45.21	-	-45.21	
5.2G;11a;20;1;1(2);5180;L;TN,VN	Pass	5.35G	5.39G	1M	AV	5.3828G	-51.29	-41.30	-9.99	2.00	6.55	0.00	-53.29	-	-53.29	
5.2G;11a;20;1;1(2);5180;L;TN,VN	Pass	5.39G	7G	1M	AV	5.45601G	-51.04	-41.30	-9.74	2.00	6.59	0.00	-53.04	-	-53.04	
5.2G;11a;20;1;1(2);5200;M;TN,VN	Pass	1G	5.11G	1M	PK	5.11G	-41.36	-21.30	-20.06	2.00	6.42	0.00	-43.36	-	-43.36	
5.2G;11a;20;1;1(2);5200;M;TN,VN	Pass	5.11G	5.15G	1M	PK	5.14736G	-31.70	-21.30	-10.40	2.00	6.43	0.00	-33.70	-	-33.70	
5.2G;11a;20;1;1(2);5200;M;TN,VN	Pass	5.35G	5.39G	1M	PK	5.37344G	-40.10	-21.30	-18.80	2.00	6.54	0.00	-42.10	-	-42.10	
5.2G;11a;20;1;1(2);5200;M;TN,VN	Pass	5.39G	7G	1M	PK	5.638745G	-38.11	-27.00	-11.11	2.00	6.72	0.00	-40.11	-	-40.11	
5.2G;11a;20;1;1(2);5200;M;TN,VN	Pass	1G	5.11G	1M	AV	1G	-50.03	-41.30	-8.73	2.00	4.94	0.00	-52.03	-	-52.03	
5.2G;11a;20;1;1(2);5200;M;TN,VN	Pass	5.11G	5.15G	1M	AV	5.1472G	-42.47	-41.30	-1.17	2.00	6.43	0.00	-44.47	-	-44.47	
5.2G;11a;20;1;1(2);5200;M;TN,VN	Pass	5.35G	5.39G	1M	AV	5.3828G	-51.59	-41.30	-10.29	2.00	6.55	0.00	-53.59	-	-53.59	
5.2G;11a;20;1;1(2);5200;M;TN,VN	Pass	5.39G	7G	1M	AV	5.456815G	-51.39	-41.30	-10.09	2.00	6.59	0.00	-53.39	-	-53.39	
5.2G;11a;20;1;1(2);5240;H;TN,VN	Pass	1G	5.11G	1M	PK	5.11G	-39.29	-21.30	-17.99	2.00	6.42	0.00	-41.29	-	-41.29	
5.2G;11a;20;1;1(2);5240;H;TN,VN	Pass	5.11G	5.15G	1M	PK	5.1496G	-34.69	-21.30	-13.39	2.00	6.43	0.00	-36.69	-	-36.69	
5.2G;11a;20;1;1(2);5240;H;TN,VN	Pass	5.35G	5.39G	1M	PK	5.37272G	-36.61	-21.30	-15.31	2.00	6.54	0.00	-38.61	-	-38.61	
5.2G;11a;20;1;1(2);5240;H;TN,VN	Pass	5.39G	7G	1M	PK	5.546975G	-36.19	-27.00	-9.19	2.00	6.66	0.00	-38.19	-	-38.19	
5.2G;11a;20;1;1(2);5240;H;TN,VN	Pass	1G	5.11G	1M	AV	1.03288G	-43.21	-41.30	-1.91	2.00	4.95	0.00	-45.21	-	-45.21	
5.2G;11a;20;1;1(2);5240;H;TN,VN	Pass	5.11G	5.15G	1M	AV	5.14904G	-46.20	-41.30	-4.90	2.00	6.43	0.00	-48.20	-	-48.20	
5.2G;11a;20;1;1(2);5240;H;TN,VN	Pass	5.35G	5.39G	1M	AV	5.36952G	-48.60	-41.30	-7.30	2.00	6.54	0.00	-50.60	-	-50.60	
5.2G;11a;20;1;1(2);5240;H;TN,VN	Pass	5.39G	7G	1M	AV	5.458425G	-48.13	-41.30	-6.83	2.00	6.60	0.00	-50.13	-	-50.13	
5.8G;11a;20;1;1(2);5745;L;TN,VN	Pass	1G	5.685G	1M	PK	5.58193G	-32.35	-27.00	-5.35	2.00	6.68	0.00	-34.35	-	-34.35	
5.8G;11a;20;1;1(2);5745;L;TN,VN	Pass	5.685G	5.725G	1M	PK	5.69212G	-31.00	-27.00	-4.00	2.00	6.77	0.00	-33.00	-	-33.00	
5.8G;11a;20;1;1(2);5745;L;TN,VN	Pass	5.85G	5.89G	1M	PK	5.88904G	-36.46	-27.00	-9.46	2.00	6.94	0.00	-38.46	-	-38.46	
5.8G;11a;20;1;1(2);5745;L;TN,VN	Pass	5.89G	7G	1M	PK	5.980465G	-37.05	-27.00	-10.05	2.00	7.03	0.00	-39.05	-	-39.05	
5.8G;11a;20;1;1(2);5745;L;TN,VN	Pass	1G	5.685G	1M	AV	5.14154G	-43.97	-41.30	-2.67	2.00	6.43	0.00	-45.97	-	-45.97	
5.8G;11a;20;1;1(2);5785;M;TN,VN	Pass	1G	5.685G	1M	PK	5.18839G	-32.01	-27.00	-5.01	2.00	6.45	0.00	-34.01	-	-34.01	
5.8G;11a;20;1;1(2);5785;M;TN,VN	Pass	5.685G	5.725G	1M	PK	5.68796G	-34.27	-27.00	-7.27	2.00	6.76	0.00	-36.27	-	-36.27	
5.8G;11a;20;1;1(2);5785;M;TN,VN	Pass	5.85G	5.89G	1M	PK	5.88608G	-37.72	-27.00	-10.72	2.00	6.94	0.00	-39.72	-	-39.72	
5.8G;11a;20;1;1(2);5785;M;TN,VN	Pass	5.89G	7G	1M	PK	5.958265G	-35.67	-27.00	-8.67	2.00	7.00	0.00	-37.67	-	-37.67	
5.8G;11a;20;1;1(2);5785;M;TN,VN	Pass	1G	5.685G	1M	AV	5.14154G	-44.00	-41.30	-2.70	2.00	6.43	0.00	-46.00	-	-46.00	
5.8G;11a;20;1;1(2);5825;H;TN,VN	Pass	1G	5.685G	1M	PK	5.16965G	-30.24	-27.00	-3.24	2.00	6.44	0.00	-32.24	-	-32.24	
5.8G;11a;20;1;1(2);5825;H;TN,VN	Pass	5.685G	5.725G	1M	PK	5.70116G	-34.17	-27.00	-7.17	2.00	6.77	0.00	-36.17	-	-36.17	
5.8G;11a;20;1;1(2);5825;H;TN,VN	Pass	5.85G	5.89G	1M	PK	5.87744G	-33.18	-27.00	-6.18	2.00	6.93	0.00	-35.18	-	-35.18	
5.8G;11a;20;1;1(2);5825;H;TN,VN	Pass	5.89G	7G	1M	PK	5.95327G	-36.48	-27.00	-9.48	2.00	7.00	0.00	-38.48	-	-38.48	
5.8G;11a;20;1;1(2);5825;H;TN,VN	Pass	1G	5.685G	1M	AV	5.14154G	-42.54	-41.30	-1.24	2.00	6.43	0.00	-44.54	-	-44.54	
5.2G;HT20;20;1,(M0-23);3;5180;L;TN,VN	Pass	1G	5.11G	1M	PK	4.40308G	-40.22	-27.00	-13.22	6.67	6.10	0.00	-46.89	-51.82	-50.88	-52.43
5.2G;HT20;20;1,(M0-23);3;5180;L;TN,VN	Pass	5.11G	5.15G	1M	PK	5.1276G	-31.07	-21.30	-9.77	6.67	6.42	0.00	-37.74	-42.37	-43.00	-42.20
5.2G;HT20;20;1,(M0-23);3;5180;L;TN,VN	Pass	5.35G	5.39G	1M	PK	5.38832G	-33.67	-21.30	-12.37	6.67	6.55	0.00	-40.34	-45.65	-45.07	-44.67
5.2G;HT20;20;1,(M0-23);3;5180;L;TN,VN	Pass	5.39G	7G	1M	PK	5.621035G	-32.85	-27.00	-5.85	6.67	6.71	0.00	-39.52	-43.73	-44.76	-44.45
5.2G;HT20;20;1,(M0-23);3;5180;L;TN,VN	Pass	1G	5.11G	1M	AV	5.11G	-48.96	-41.30	-7.66	6.67	6.42	0.00	-55.63	-60.58	-59.45	-61.38
5.2G;HT20;20;1,(M0-23);3;5180;L;TN,VN	Pass	5.11G	5.15G	1M	AV	5.128G	-42.46	-41.30	-1.16	6.67	6.42	0.00	-49.13	-52.55	-55.31	-54.30
5.2G;HT20;20;1,(M0-23);3;5180;L;TN,VN	Pass	5.35G	5.39G	1M	AV	5.37712G	-46.19	-41.30	-4.89	6.67	6.55	0.00	-52.86	-56.69	-59.37	-57.28
5.2G;HT20;20;1,(M0-23);3;5180;L;TN,VN	Pass	5.39G	7G	1M	AV	5.398855G	-46.03	-41.30	-4.73	6.67	6.56	0.00	-52.70	-57.50	-59.60	-56.02
5.2G;HT20;20;1,(M0-23);3;5200;M;TN,VN	Pass	1G	5.11G	1M	PK	4.4524G	-40.20	-27.00	-13.20	6.67	6.12	0.00	-46.87	-50.96	-51.80	-52.25
5.2G;HT20;20;1,(M0-23);3;5200;M;TN,VN	Pass	5.11G	5.15G	1M	PK	5.14728G	-31.22	-21.30	-9.92	6.67	6.43	0.00	-37.89	-43.35	-42.26	-42.44
5.2G;HT20;20;1,(M0-23);3;5200;M;TN,VN	Pass	5.35G	5.39G	1M	PK	5.38552G	-34.27	-21.30	-12.97	6.67	6.55	0.00	-40.94	-44.15	-47.05	-46.52
5.2G;HT20;20;1,(M0-23);3;5200;M;TN,VN	Pass	5.39G	7G	1M	PK	5.60896G	-32.64	-27.00	-5.64	6.67	6.70	0.00	-39.31	-42.18	-45.81	-45.16
5.2G;HT20;20;1,(M0-23);3;5200;M;TN,VN	Pass	1G	5.11G	1M	AV	5.11G	-48.85	-41.30	-7.55	6.67	6.42	0.00	-55.52	-60.45	-59.36	-61.26
5.2G;HT20;20;1,(M0-23);3;5200;M;TN,VN	Pass	5.11G	5.15G	1M	AV	5.14792G	-42.31	-41.30	-1.01	6.67	6.43	0.00	-48.98	-53.75	-54.21	-53.33
5.2G;HT20;20;1,(M0-23);3;5200;M;TN,VN	Pass	5.35G	5.39G	1M	AV	5.38968G	-46.52	-41.30	-5.22	6.67	6.55	0.00	-53.19	-58.47	-58.63	-56.97
5.2G;HT20;20;1,(M0-23);3;5200;M;TN,VN	Pass	5.39G	7G	1M	AV	5.45923G	-45.83	-41.30	-4.53	6.67	6.60	0.00	-52.50	-56.82	-57.71	-57.32
5.2G;HT20;20;1,(M0-23);3;5240;H;TN,VN	Pass	1G	5.11G	1M	PK	4.44418G	-40.40	-27.00	-13.40	6.67	6.12	0.00	-47.07	-51.65	-52.16	-51.72
5.2G;HT20;20;1,(M0-23);3;5240;H;TN,VN	Pass	5.11G	5.15G	1M	PK	5.14704G	-34.17	-21.30	-12.87	6.67	6.43	0.00	-40.84	-45.80	-44.58	-46.73
5.2G;HT20;20;1,(M0-23);3;5240;H;TN,VN	Pass	5.35G	5.39G	1M	PK	5.37368G	-33.85	-21.30	-12.55	6.67	6.54	0.00	-40.52	-44.63	-46.50	-44.96
5.2G;HT20;20;1,(M0-23);3;5240;H;TN,VN	Pass	5.39G	7G	1M	PK	5.79894G	-31.06	-27.00	-4.06	6.67	6.86	0.00	-37.73	-39.02	-47.97	-45.64
5.2G;HT20;20;1,(M0-23);3;5240;H;TN,VN	Pass	1G	5.11G	1M	AV	5.11G	-48.72	-41.30	-7.42	6.67	6.42	0.00	-55.39	-59.88	-59.34	-61.58
5.2G;HT20;20;1,(M0-23);3;5240;H;TN,VN	Pass	5.11G	5.15G	1M	AV	5.148G	-47.12	-41.30	-5.82	6.67	6.43	0.00	-53.79	-59.03	-57.11	-60.07

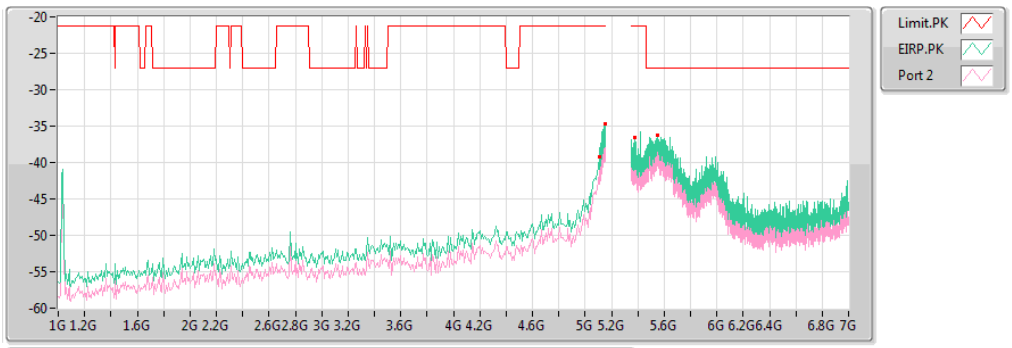
Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Type	Freq (Hz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	DG (dBi)	Loss (dB)	Refl (dB)	Psum (dBm)	P1 (dBm)	P2 (dBm)	P3 (dBm)
5.2G;HT20;20;1,(M0-23);3;5240;H;TN,VN	Pass	5.35G	5.39G	1M	AV	5.37792G	-46.04	-41.30	-4.74	6.67	6.55	0.00	-52.71	-57.24	-58.97	-56.58
5.2G;HT20;20;1,(M0-23);3;5240;H;TN,VN	Pass	5.39G	7G	1M	AV	5.4383G	-45.91	-41.30	-4.61	6.67	6.58	0.00	-52.58	-57.43	-57.96	-56.75
5.8G;HT20;20;1,(M0-23);3;5745;L;TN,VN	Pass	1G	5.685G	1M	PK	5.20713G	-28.81	-27.00	-1.81	6.67	6.46	0.00	-35.48	-41.32	-37.45	-45.31
5.8G;HT20;20;1,(M0-23);3;5745;L;TN,VN	Pass	5.685G	5.725G	1M	PK	5.69292G	-27.27	-27.00	-0.27	6.67	6.77	0.00	-33.94	-41.29	-35.61	-42.67
5.8G;HT20;20;1,(M0-23);3;5745;L;TN,VN	Pass	5.85G	5.89G	1M	PK	5.87488G	-31.57	-27.00	-4.57	6.67	6.93	0.00	-38.24	-45.88	-43.29	-41.12
5.8G;HT20;20;1,(M0-23);3;5745;L;TN,VN	Pass	5.89G	7G	1M	PK	5.98546G	-32.23	-27.00	-5.23	6.67	7.03	0.00	-38.90	-48.53	-40.28	-46.78
5.8G;HT20;20;1,(M0-23);3;5745;L;TN,VN	Pass	1G	5.685G	1M	AV	5.14154G	-41.42	-41.30	-0.12	6.67	6.43	0.00	-48.09	-55.20	-49.59	-58.17
5.8G;HT20;20;1,(M0-23);3;5785;M;TN,VN	Pass	1G	5.685G	1M	PK	5.62878G	-29.47	-27.00	-2.47	6.67	6.72	0.00	-36.14	-42.36	-38.42	-43.82
5.8G;HT20;20;1,(M0-23);3;5785;M;TN,VN	Pass	5.685G	5.725G	1M	PK	5.6882G	-29.11	-27.00	-2.11	6.67	6.76	0.00	-35.78	-41.95	-38.00	-43.82
5.8G;HT20;20;1,(M0-23);3;5785;M;TN,VN	Pass	5.85G	5.89G	1M	PK	5.88992G	-31.82	-27.00	-4.82	6.67	6.94	0.00	-38.49	-44.98	-41.57	-43.98
5.8G;HT20;20;1,(M0-23);3;5785;M;TN,VN	Pass	5.89G	7G	1M	PK	5.98879G	-33.08	-27.00	-6.08	6.67	7.03	0.00	-39.75	-49.87	-41.44	-46.24
5.8G;HT20;20;1,(M0-23);3;5785;M;TN,VN	Pass	1G	5.685G	1M	AV	5.14154G	-41.76	-41.30	-0.46	6.67	6.43	0.00	-48.43	-55.10	-50.15	-57.92
5.8G;HT20;20;1,(M0-23);3;5825;H;TN,VN	Pass	1G	5.685G	1M	PK	5.61941G	-29.49	-27.00	-2.49	6.67	6.71	0.00	-36.16	-42.11	-38.97	-42.68
5.8G;HT20;20;1,(M0-23);3;5825;H;TN,VN	Pass	5.685G	5.725G	1M	PK	5.6938G	-29.61	-27.00	-2.61	6.67	6.77	0.00	-36.28	-39.98	-42.03	-41.41
5.8G;HT20;20;1,(M0-23);3;5825;H;TN,VN	Pass	5.85G	5.89G	1M	PK	5.8772G	-30.34	-27.00	-3.34	6.67	6.93	0.00	-37.01	-45.64	-38.54	-44.99
5.8G;HT20;20;1,(M0-23);3;5825;H;TN,VN	Pass	5.89G	7G	1M	PK	5.978245G	-33.00	-27.00	-6.00	6.67	7.02	0.00	-39.67	-48.21	-42.03	-45.23
5.8G;HT20;20;1,(M0-23);3;5825;H;TN,VN	Pass	1G	5.685G	1M	AV	5.14154G	-41.47	-41.30	-0.17	6.67	6.43	0.00	-48.14	-55.42	-49.67	-57.68
5.2G;HT40;40;1,(M0-23);3;5190;L;TN,VN	Pass	1G	5.07G	1M	PK	4.49206G	-40.28	-27.00	-13.28	6.67	6.14	0.00	-46.95	-53.00	-51.32	-51.08
5.2G;HT40;40;1,(M0-23);3;5190;L;TN,VN	Pass	5.07G	5.15G	1M	PK	5.14856G	-31.02	-21.30	-9.72	6.67	6.43	0.00	-37.69	-43.32	-43.13	-41.26
5.2G;HT40;40;1,(M0-23);3;5190;L;TN,VN	Pass	5.35G	5.43G	1M	PK	5.38776G	-32.57	-21.30	-11.27	6.67	6.55	0.00	-39.24	-42.15	-46.60	-44.41
5.2G;HT40;40;1,(M0-23);3;5190;L;TN,VN	Pass	5.43G	7G	1M	PK	5.70004G	-31.34	-27.00	-4.34	6.67	6.77	0.00	-38.01	-40.48	-45.52	-43.91
5.2G;HT40;40;1,(M0-23);3;5190;L;TN,VN	Pass	1G	5.07G	1M	AV	5.07G	-49.20	-41.30	-7.90	6.67	6.40	0.00	-55.87	-58.98	-61.29	-62.38
5.2G;HT40;40;1,(M0-23);3;5190;L;TN,VN	Pass	5.07G	5.15G	1M	AV	5.14968G	-42.79	-41.30	-1.49	6.67	6.43	0.00	-49.46	-54.35	-54.94	-53.51
5.2G;HT40;40;1,(M0-23);3;5190;L;TN,VN	Pass	5.35G	5.43G	1M	AV	5.38408G	-44.57	-41.30	-3.27	6.67	6.55	0.00	-51.24	-53.95	-58.97	-56.53
5.2G;HT40;40;1,(M0-23);3;5190;L;TN,VN	Pass	5.43G	7G	1M	AV	5.44256G	-44.66	-41.30	-3.36	6.67	6.59	0.00	-51.33	-54.27	-57.84	-57.07
5.2G;HT40;40;1,(M0-23);3;5230;H;TN,VN	Pass	1G	5.07G	1M	PK	4.49206G	-40.34	-27.00	-13.34	6.67	6.14	0.00	-47.01	-51.26	-51.41	-52.84
5.2G;HT40;40;1,(M0-23);3;5230;H;TN,VN	Pass	5.07G	5.15G	1M	PK	5.12616G	-31.70	-21.30	-10.40	6.67	6.42	0.00	-38.37	-41.21	-44.41	-44.74
5.2G;HT40;40;1,(M0-23);3;5230;H;TN,VN	Pass	5.35G	5.43G	1M	PK	5.42808G	-32.38	-21.30	-11.08	6.67	6.58	0.00	-39.05	-41.25	-47.12	-45.21
5.2G;HT40;40;1,(M0-23);3;5230;H;TN,VN	Pass	5.43G	7G	1M	PK	5.70161G	-30.75	-27.00	-3.75	6.67	6.78	0.00	-37.42	-39.67	-45.10	-43.72
5.2G;HT40;40;1,(M0-23);3;5230;H;TN,VN	Pass	1G	5.07G	1M	AV	5.07G	-49.42	-41.30	-8.12	6.67	6.40	0.00	-56.09	-58.97	-61.96	-62.56
5.2G;HT40;40;1,(M0-23);3;5230;H;TN,VN	Pass	5.07G	5.15G	1M	AV	5.12664G	-43.21	-41.30	-1.91	6.67	6.42	0.00	-49.88	-53.01	-55.07	-56.65
5.2G;HT40;40;1,(M0-23);3;5230;H;TN,VN	Pass	5.35G	5.43G	1M	AV	5.38232G	-44.43	-41.30	-3.13	6.67	6.55	0.00	-51.10	-53.49	-57.73	-57.92
5.2G;HT40;40;1,(M0-23);3;5230;H;TN,VN	Pass	5.43G	7G	1M	AV	5.446485G	-44.46	-41.30	-3.16	6.67	6.59	0.00	-51.13	-54.01	-57.83	-56.79
5.8G;HT40;40;1,(M0-23);3;5755;L;TN,VN	Pass	1G	5.645G	1M	PK	5.62642G	-29.79	-27.00	-2.79	6.67	6.72	0.00	-36.46	-40.28	-40.80	-43.10
5.8G;HT40;40;1,(M0-23);3;5755;L;TN,VN	Pass	5.645G	5.725G	1M	PK	5.71428G	-27.61	-27.00	-0.61	6.67	6.79	0.00	-34.28	-39.36	-38.55	-39.30
5.8G;HT40;40;1,(M0-23);3;5755;L;TN,VN	Pass	5.85G	5.93G	1M	PK	5.8604G	-31.06	-27.00	-4.06	6.67	6.91	0.00	-37.73	-42.10	-43.25	-42.23
5.8G;HT40;40;1,(M0-23);3;5755;L;TN,VN	Pass	5.93G	7G	1M	PK	5.94284G	-33.20	-27.00	-6.20	6.67	6.99	0.00	-39.87	-48.51	-43.12	-43.96
5.8G;HT40;40;1,(M0-23);3;5755;L;TN,VN	Pass	1G	5.645G	1M	AV	5.39417G	-42.54	-41.30	-1.24	6.67	6.56	0.00	-49.21	-54.97	-51.74	-56.71
5.8G;HT40;40;1,(M0-23);3;5795;H;TN,VN	Pass	1G	5.645G	1M	PK	5.61713G	-29.68	-27.00	-2.68	6.67	6.71	0.00	-36.35	-41.07	-42.33	-40.23
5.8G;HT40;40;1,(M0-23);3;5795;H;TN,VN	Pass	5.645G	5.725G	1M	PK	5.69204G	-27.33	-27.00	-0.33	6.67	6.77	0.00	-34.00	-38.33	-40.54	-37.88
5.8G;HT40;40;1,(M0-23);3;5795;H;TN,VN	Pass	5.85G	5.93G	1M	PK	5.89944G	-30.17	-27.00	-3.17	6.67	6.95	0.00	-36.84	-44.01	-44.79	-38.72
5.8G;HT40;40;1,(M0-23);3;5795;H;TN,VN	Pass	5.93G	7G	1M	PK	5.953005G	-32.94	-27.00	-5.94	6.67	7.00	0.00	-39.61	-49.92	-46.13	-41.26
5.8G;HT40;40;1,(M0-23);3;5795;H;TN,VN	Pass	1G	5.645G	1M	AV	5.4592G	-42.83	-41.30	-1.53	6.67	6.60	0.00	-49.50	-54.39	-54.81	-53.68

CSE;PK;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:1(2);Ch:5180MHz;TN,VN



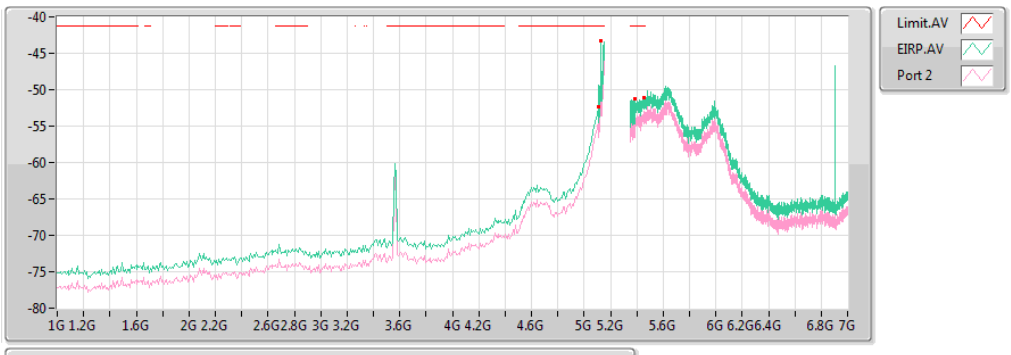
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)
PK	4.40308G	-48.58	-27.00	-21.58	2.00	-50.58	-	-50.58
PK	5.14936G	-26.28	-21.30	-4.98	2.00	-28.28	-	-28.28
PK	5.36088G	-39.22	-21.30	-17.92	2.00	-41.22	-	-41.22
PK	5.661285G	-39.20	-27.00	-12.20	2.00	-41.20	-	-41.20

CSE;PK;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:1(2);Ch:5240MHz;TN,VN



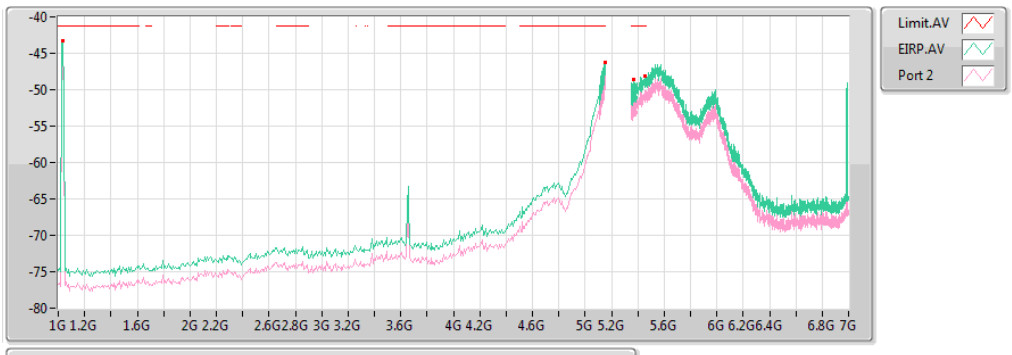
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)
PK	5.11G	-39.29	-21.30	-17.99	2.00	-41.29	-	-41.29
PK	5.1496G	-34.69	-21.30	-13.39	2.00	-36.69	-	-36.69
PK	5.37272G	-36.61	-21.30	-15.31	2.00	-38.61	-	-38.61
PK	5.546975G	-36.19	-27.00	-9.19	2.00	-38.19	-	-38.19

CSE;AV;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:1(2);Ch:5180MHz;TN,VN



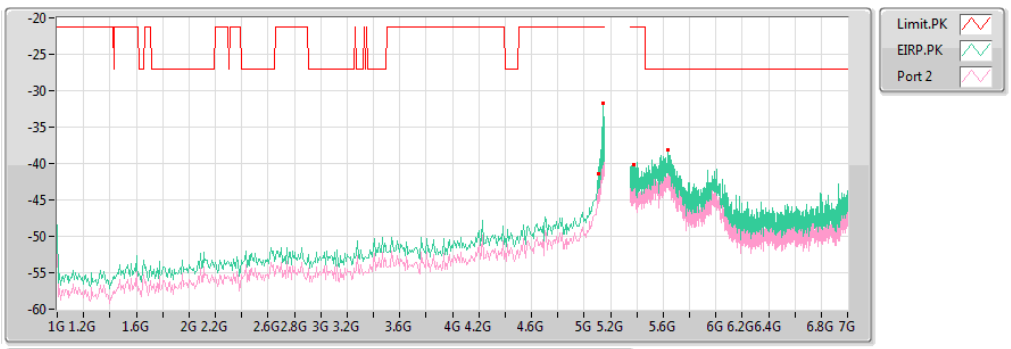
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)
AV	5.11G	-52.42	-41.30	-11.12	2.00	-54.42	-	-54.42
AV	5.12792G	-43.21	-41.30	-1.91	2.00	-45.21	-	-45.21
AV	5.3828G	-51.29	-41.30	-9.99	2.00	-53.29	-	-53.29
AV	5.45601G	-51.04	-41.30	-9.74	2.00	-53.04	-	-53.04

CSE;AV;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:1(2);Ch:5240MHz;TN,VN



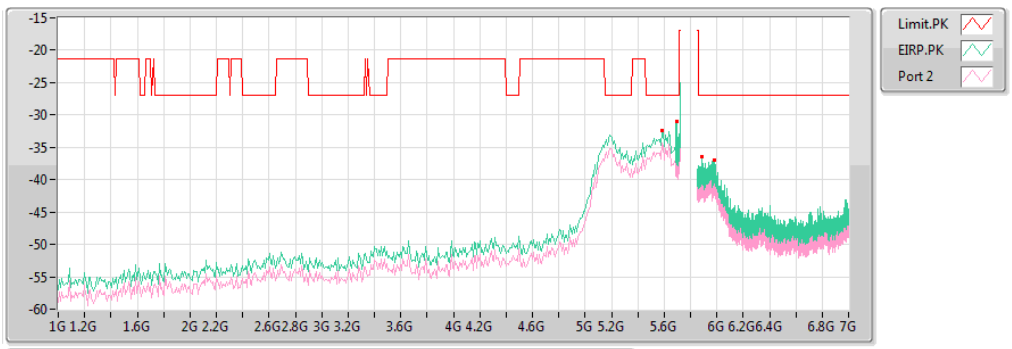
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)
AV	1.03288G	-43.21	-41.30	-1.91	2.00	-45.21	-	-45.21
AV	5.14904G	-46.20	-41.30	-4.90	2.00	-48.20	-	-48.20
AV	5.36952G	-48.60	-41.30	-7.30	2.00	-50.60	-	-50.60
AV	5.458425G	-48.13	-41.30	-6.83	2.00	-50.13	-	-50.13

CSE;PK;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:1(2);Ch:5200MHz;TN,VN



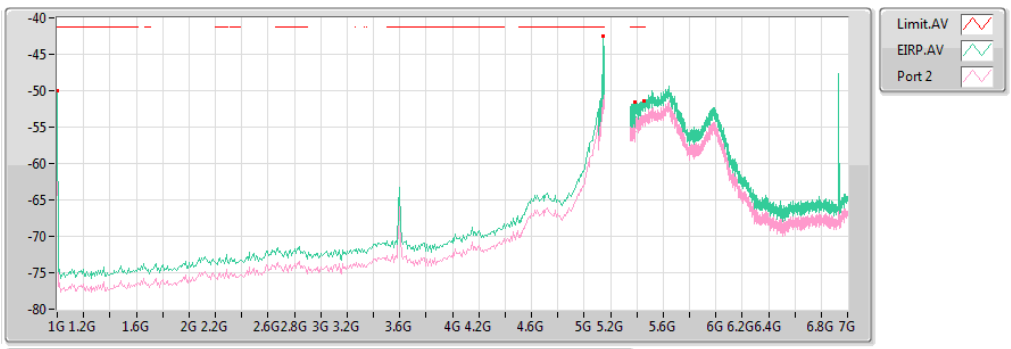
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)
PK	5.11G	-41.36	-21.30	-20.06	2.00	-43.36	-	-43.36
PK	5.14736G	-31.70	-21.30	-10.40	2.00	-33.70	-	-33.70
PK	5.37344G	-40.10	-21.30	-18.80	2.00	-42.10	-	-42.10
PK	5.638745G	-38.11	-27.00	-11.11	2.00	-40.11	-	-40.11

CSE;PK;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1(2);Ch:5745MHz;TN,VN



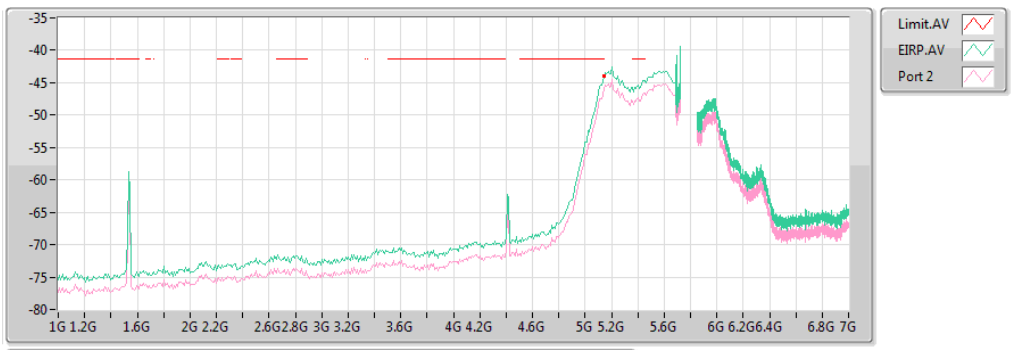
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)
PK	5.58193G	-32.35	-27.00	-5.35	2.00	-34.35	-	-34.35
PK	5.69212G	-31.00	-27.00	-4.00	2.00	-33.00	-	-33.00
PK	5.88904G	-36.46	-27.00	-9.46	2.00	-38.46	-	-38.46
PK	5.980465G	-37.05	-27.00	-10.05	2.00	-39.05	-	-39.05

CSE;AV;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:1(2);Ch:5200MHz;TN,VN



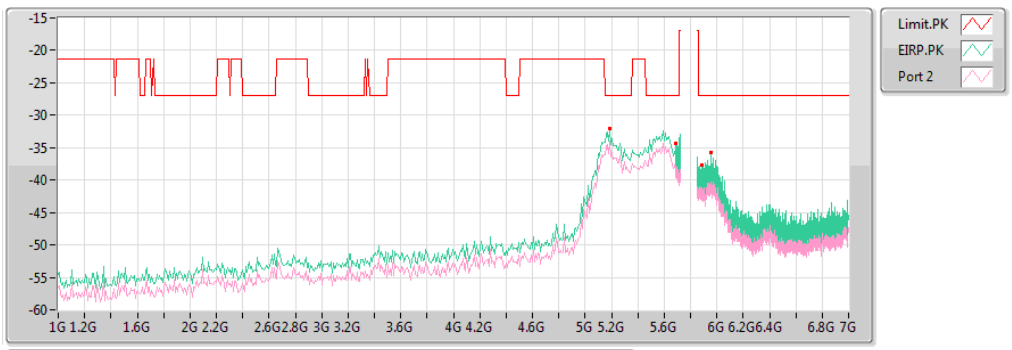
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)
AV	1G	-50.03	-41.30	-8.73	2.00	-52.03	-	-52.03
AV	5.1472G	-42.47	-41.30	-1.17	2.00	-44.47	-	-44.47
AV	5.3828G	-51.59	-41.30	-10.29	2.00	-53.59	-	-53.59
AV	5.456815G	-51.39	-41.30	-10.09	2.00	-53.39	-	-53.39

CSE;AV;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1(2);Ch:5745MHz;TN,VN



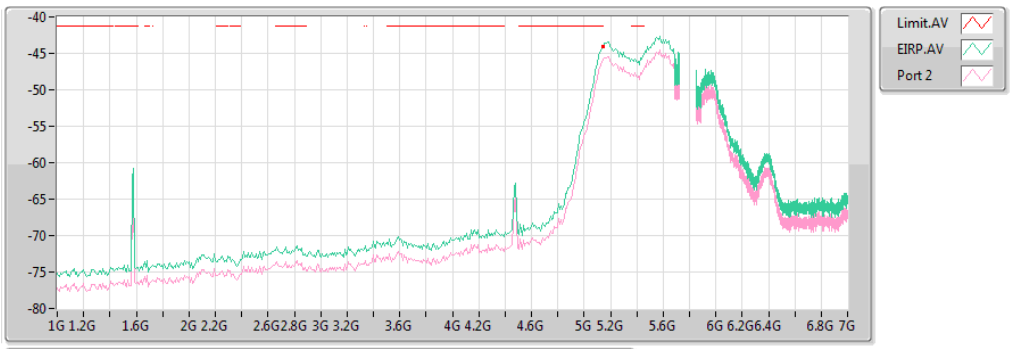
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)
AV	5.14154G	-43.97	-41.30	-2.67	2.00	-45.97	-	-45.97

CSE;PK;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1(2);Ch:5785MHz;TN,VN



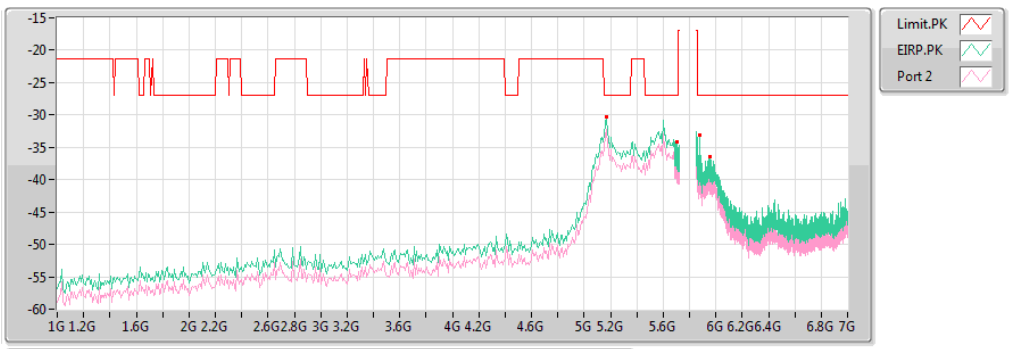
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)
PK	5.18839G	-32.01	-27.00	-5.01	2.00	-34.01	-	-34.01
PK	5.68796G	-34.27	-27.00	-7.27	2.00	-36.27	-	-36.27
PK	5.88608G	-37.72	-27.00	-10.72	2.00	-39.72	-	-39.72
PK	5.958265G	-35.67	-27.00	-8.67	2.00	-37.67	-	-37.67

CSE;AV;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1(2);Ch:5785MHz;TN,VN



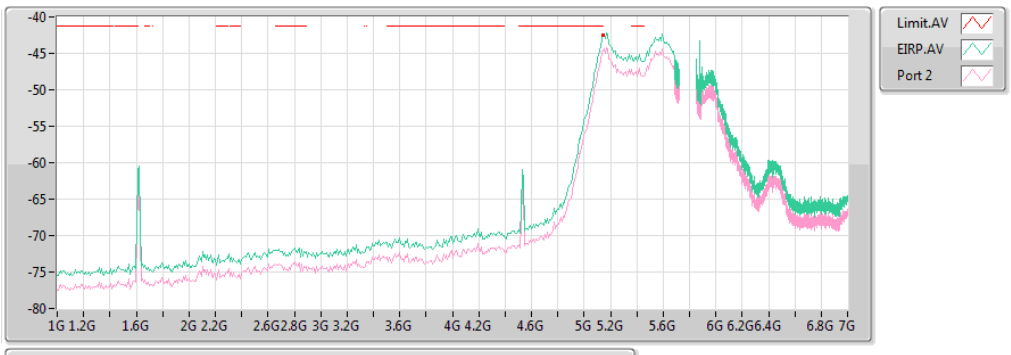
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)
AV	5.14154G	-44.00	-41.30	-2.70	2.00	-46.00	-	-46.00

CSE;PK;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1(2);Ch:5825MHz;TN,VN



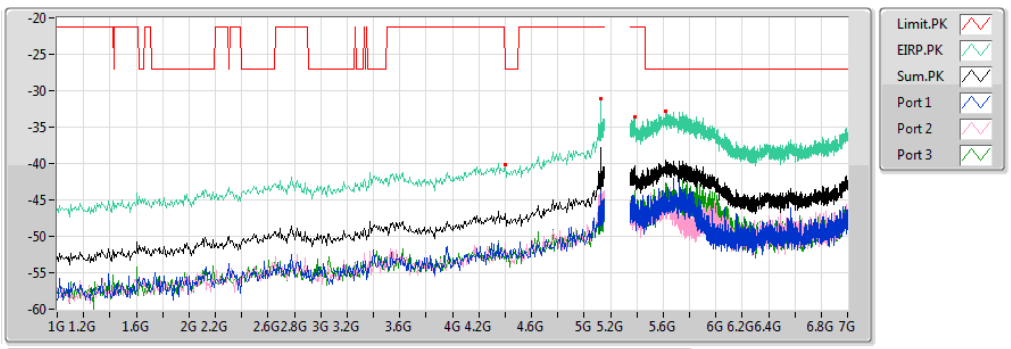
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)
PK	5.16965G	-30.24	-27.00	-3.24	2.00	-32.24	-	-32.24
PK	5.70116G	-34.17	-27.00	-7.17	2.00	-36.17	-	-36.17
PK	5.87744G	-33.18	-27.00	-6.18	2.00	-35.18	-	-35.18
PK	5.95327G	-36.48	-27.00	-9.48	2.00	-38.48	-	-38.48

CSE;AV;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1(2);Ch:5825MHz;TN,VN



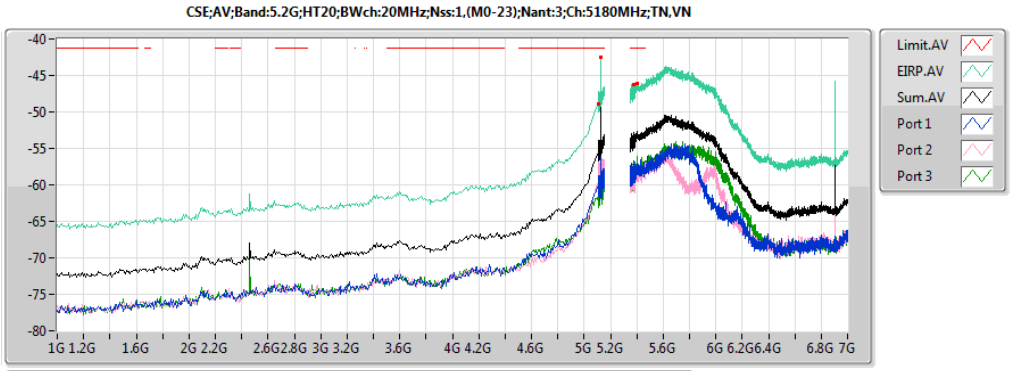
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)
AV	5.14154G	-42.54	-41.30	-1.24	2.00	-44.54	-	-44.54

CSE;PK;Band:5.2G;HT20;BWch:20MHz;Nss:1,(M0-23);Nant:3;Ch:5180MHz;TN,VN



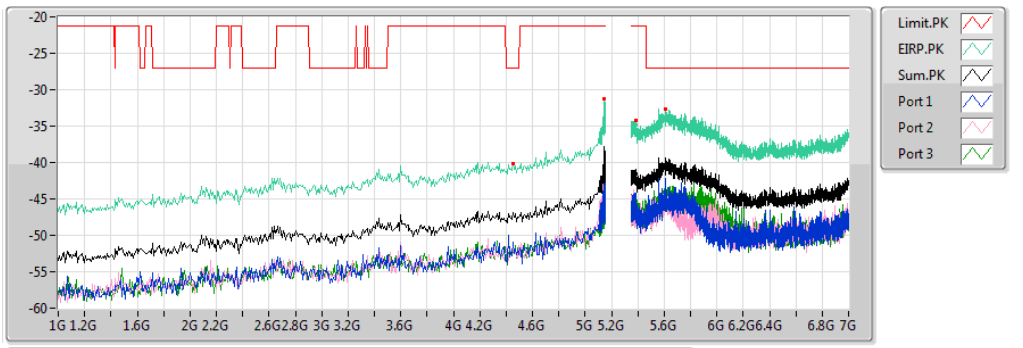
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
PK	4.40308G	-40.22	-27.00	-13.22	6.67	-46.89	-51.82	-50.88	-52.43
PK	5.1276G	-31.07	-21.30	-9.77	6.67	-37.74	-42.37	-43.00	-42.20
PK	5.38832G	-33.67	-21.30	-12.37	6.67	-40.34	-45.65	-45.07	-44.67
PK	5.621035G	-32.85	-27.00	-5.85	6.67	-39.52	-43.73	-44.76	-44.45

CSE;AV;Band:5.2G;HT20;BWch:20MHz;Nss:1,(M0-23);Nant:3;Ch:5180MHz;TN,VN



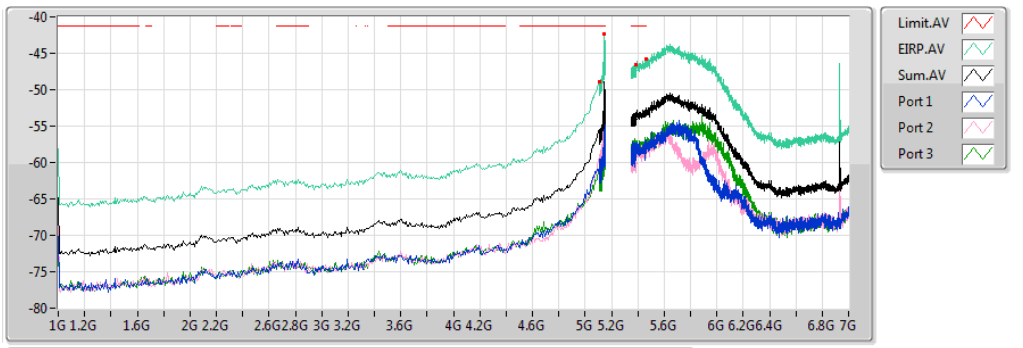
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
AV	5.11G	-48.96	-41.30	-7.66	6.67	-55.63	-60.58	-59.45	-61.38
AV	5.128G	-42.46	-41.30	-1.16	6.67	-49.13	-52.55	-55.31	-54.30
AV	5.37712G	-46.19	-41.30	-4.89	6.67	-52.86	-56.69	-59.37	-57.28
AV	5.398855G	-46.03	-41.30	-4.73	6.67	-52.70	-57.50	-59.60	-56.02

CSE;PK;Band:5.2G;HT20;BWch:20MHz;Nss:1,(M0-23);Nant:3;Ch:5200MHz;TN,VN



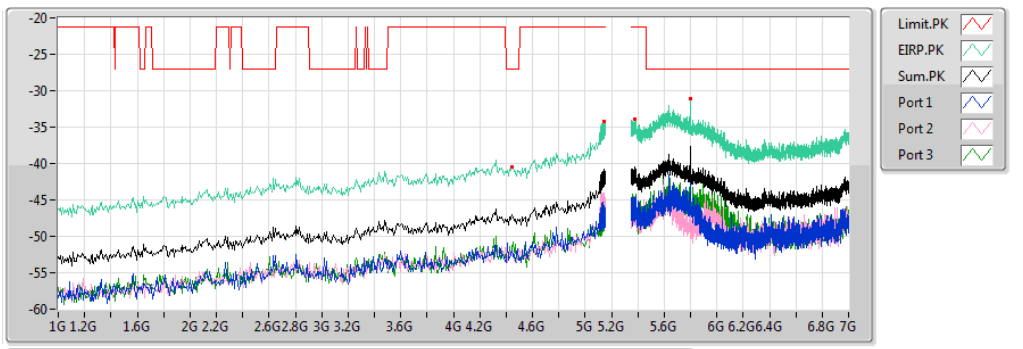
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
PK	4.4524G	-40.20	-27.00	-13.20	6.67	-46.87	-50.96	-51.80	-52.25
PK	5.14728G	-31.22	-21.30	-9.92	6.67	-37.89	-43.35	-42.26	-42.44
PK	5.38552G	-34.27	-21.30	-12.97	6.67	-40.94	-44.15	-47.05	-46.52
PK	5.60896G	-32.64	-27.00	-5.64	6.67	-39.31	-42.18	-45.81	-45.16

CSE;AV;Band:5.2G;HT20;BWch:20MHz;Nss:1,(M0-23);Nant:3;Ch:5200MHz;TN,VN



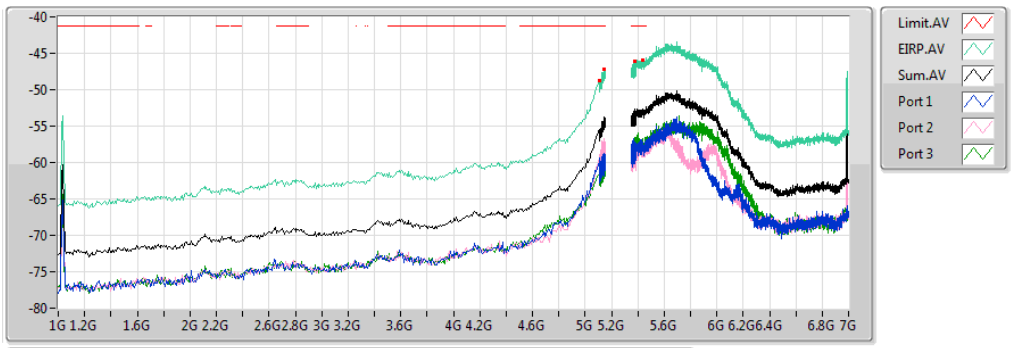
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
AV	5.11G	-48.85	-41.30	-7.55	6.67	-55.52	-60.45	-59.36	-61.26
AV	5.14792G	-42.31	-41.30	-1.01	6.67	-48.98	-53.75	-54.21	-53.33
AV	5.38968G	-46.51	-41.30	-5.21	6.67	-53.19	-58.47	-58.63	-56.97
AV	5.45923G	-45.83	-41.30	-4.53	6.67	-52.50	-56.82	-57.71	-57.32

CSE;PK;Band:5.2G;HT20;BWch:20MHz;Nss:1,(M0-23);Nant:3;Ch:5240MHz;TN,VN



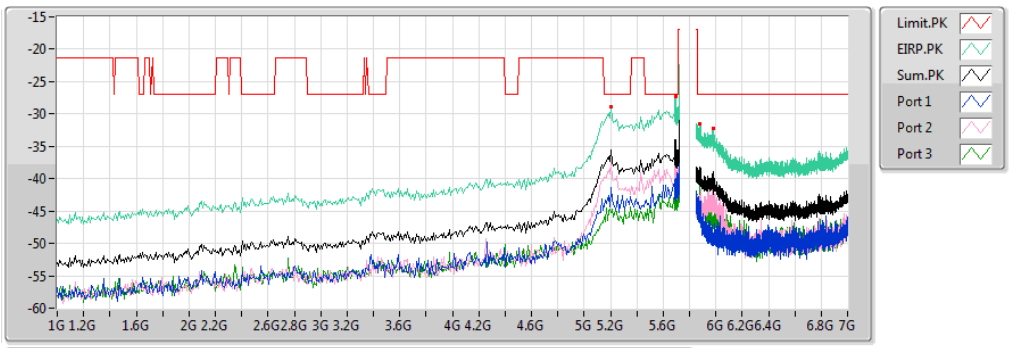
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
PK	4.44418G	-40.40	-27.00	-13.40	6.67	-47.07	-51.65	-52.16	-51.72
PK	5.14704G	-34.17	-21.30	-12.87	6.67	-40.84	-45.80	-44.58	-46.73
PK	5.37368G	-33.85	-21.30	-12.55	6.67	-40.52	-44.63	-46.50	-44.96
PK	5.79894G	-31.06	-27.00	-4.06	6.67	-37.73	-39.02	-47.97	-45.64

CSE;AV;Band:5.2G;HT20;BWch:20MHz;Nss:1,(M0-23);Nant:3;Ch:5240MHz;TN,VN



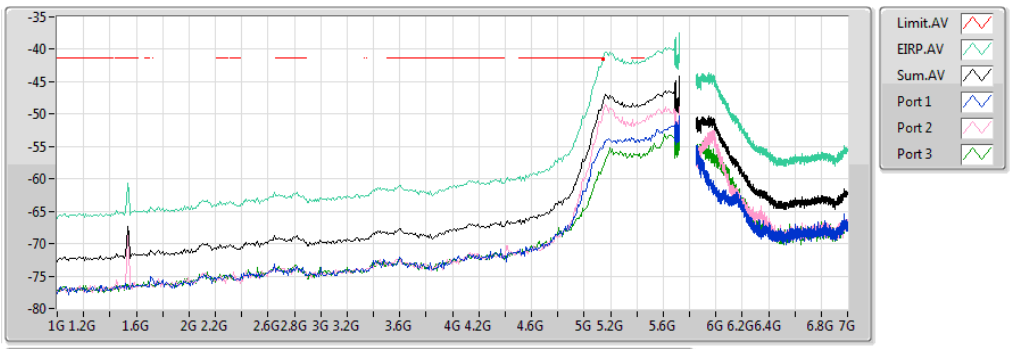
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
AV	5.11G	-48.72	-41.30	-7.42	6.67	-55.39	-59.88	-59.34	-61.58
AV	5.148G	-47.12	-41.30	-5.82	6.67	-53.79	-59.03	-57.11	-60.07
AV	5.37792G	-46.04	-41.30	-4.74	6.67	-52.71	-57.24	-58.97	-56.58
AV	5.4383G	-45.91	-41.30	-4.61	6.67	-52.58	-57.43	-57.96	-56.75

CSE;PK;Band:5.8G;HT20;BWch:20MHz;Nss:1,(M0-23);Nant:3;Ch:5745MHz;TN,VN



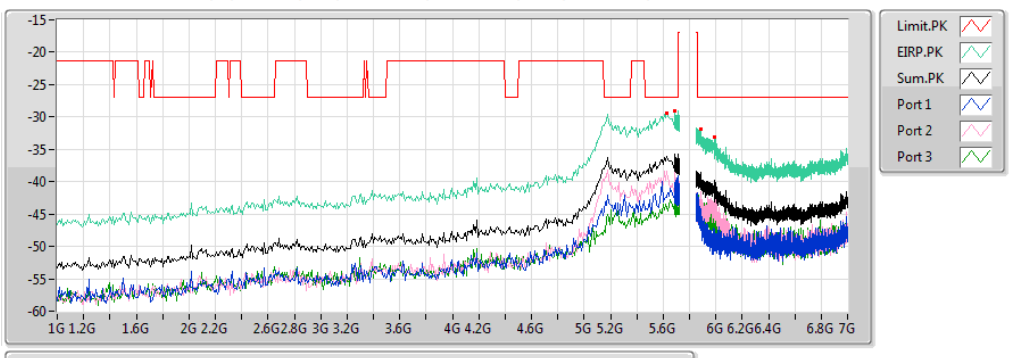
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
PK	5.20713G	-28.81	-27.00	-1.81	6.67	-35.48	-41.32	-37.45	-45.31
PK	5.69292G	-27.27	-27.00	-0.27	6.67	-33.94	-41.29	-35.61	-42.67
PK	5.87488G	-31.57	-27.00	-4.57	6.67	-38.24	-45.88	-43.29	-41.12
PK	5.98546G	-32.23	-27.00	-5.23	6.67	-38.90	-48.53	-40.28	-46.78

CSE;AV;Band:5.8G;HT20;BWch:20MHz;Nss:1,(M0-23);Nant:3;Ch:5745MHz;TN,VN



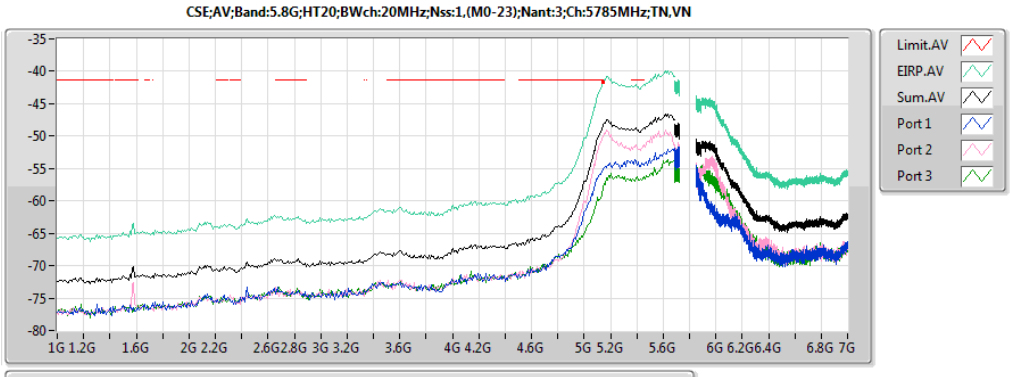
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
AV	5.14154G	-41.42	-41.30	-0.12	6.67	-48.09	-55.20	-49.59	-58.17

CSE;PK;Band:5.8G;HT20;BWch:20MHz;Nss:1,(M0-23);Nant:3;Ch:5785MHz;TN,VN



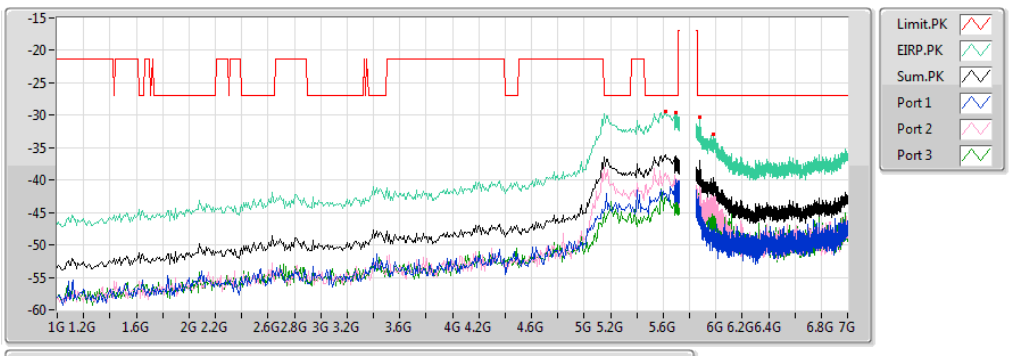
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
PK	5.62878G	-29.47	-27.00	-2.47	6.67	-36.14	-42.36	-38.42	-43.82
PK	5.6882G	-29.11	-27.00	-2.11	6.67	-35.78	-41.95	-38.00	-43.82
PK	5.88992G	-31.82	-27.00	-4.82	6.67	-38.49	-44.98	-41.57	-43.98
PK	5.98879G	-33.08	-27.00	-6.08	6.67	-39.75	-49.87	-41.44	-46.24

CSE;AV;Band:5.8G;HT20;BWch:20MHz;Nss:1,(M0-23);Nant:3;Ch:5785MHz;TN,VN



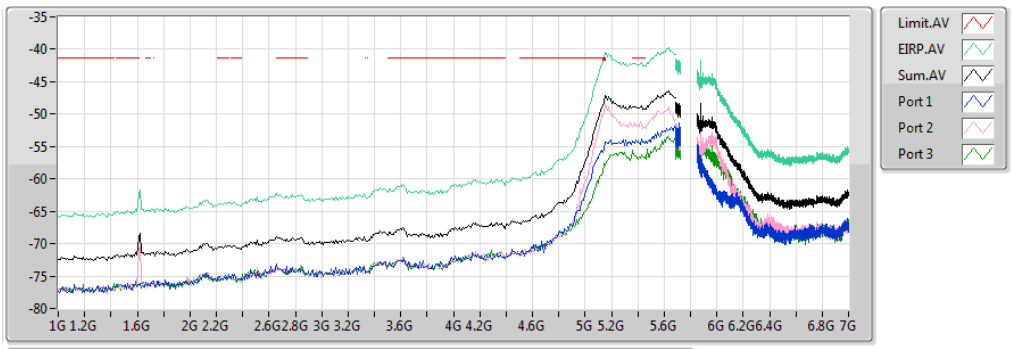
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
AV	5.14154G	-41.76	-41.30	-0.46	6.67	-48.43	-55.10	-50.15	-57.92

CSE;PK;Band:5.8G;HT20;BWch:20MHz;Nss:1,(M0-23);Nant:3;Ch:5825MHz;TN,VN



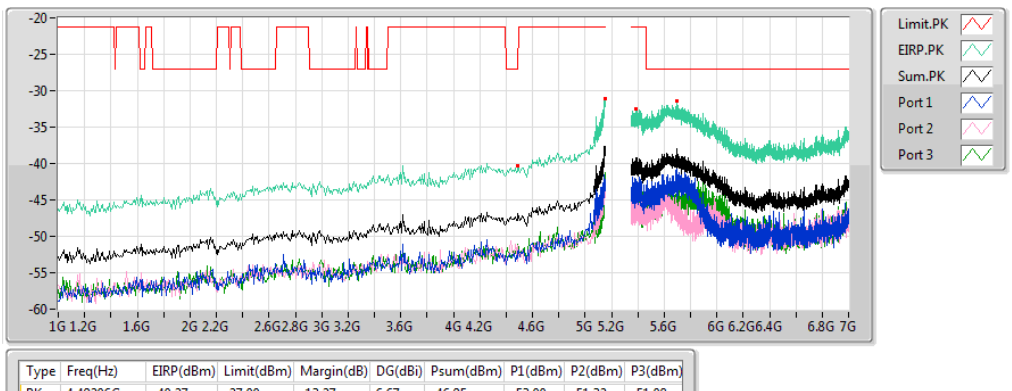
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
PK	5.61941G	-29.48	-27.00	-2.48	6.67	-36.16	-42.11	-38.97	-42.68
PK	5.6938G	-29.61	-27.00	-2.61	6.67	-36.28	-39.98	-42.03	-41.41
PK	5.8772G	-30.34	-27.00	-3.34	6.67	-37.01	-45.64	-38.54	-44.99
PK	5.978245G	-33.00	-27.00	-6.00	6.67	-39.67	-48.21	-42.03	-45.23

CSE;AV;Band:5.8G;HT20;BWch:20MHz;Nss:1,(M0-23);Nant:3;Ch:5825MHz;TN,VN



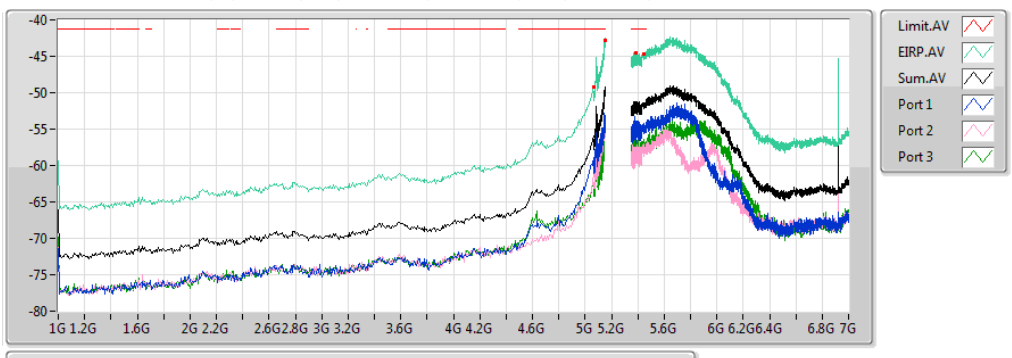
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
AV	5.14154G	-41.47	-41.30	-0.17	6.67	-48.14	-55.42	-49.67	-57.68

CSE;PK;Band:5.2G;HT40;BWch:40MHz;Nss:1,(M0-23);Nant:3;Ch:5190MHz;TN,VN



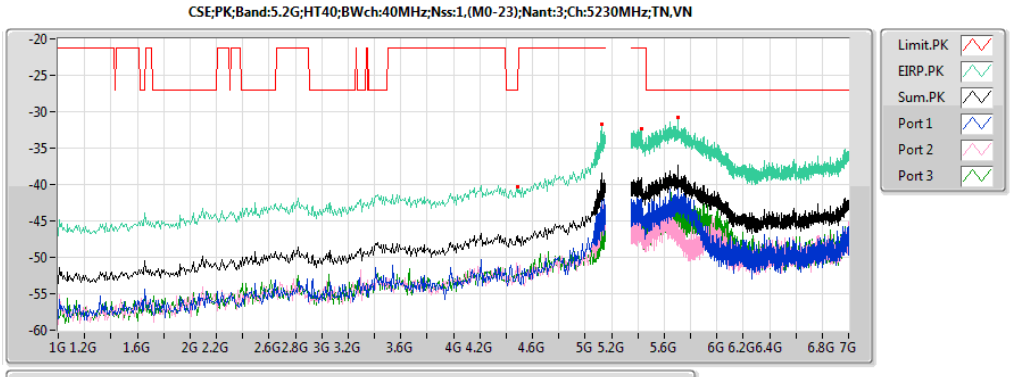
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
PK	4.49206G	-40.27	-27.00	-13.27	6.67	-46.95	-53.00	-51.32	-51.08
PK	5.14856G	-31.02	-21.30	-9.72	6.67	-37.69	-43.32	-43.13	-41.26
PK	5.38776G	-32.57	-21.30	-11.27	6.67	-39.24	-42.15	-46.60	-44.41
PK	5.70004G	-31.34	-27.00	-4.34	6.67	-38.01	-40.48	-45.52	-43.91

CSE;AV;Band:5.2G;HT40;BWch:40MHz;Nss:1,(M0-23);Nant:3;Ch:5190MHz;TN,VN



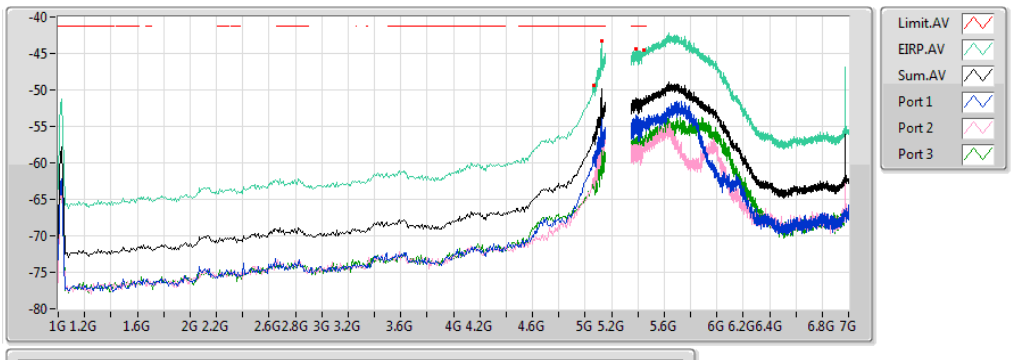
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
AV	5.07G	-49.20	-41.30	-7.90	6.67	-55.87	-58.98	-61.29	-62.38
AV	5.14968G	-42.79	-41.30	-1.49	6.67	-49.46	-54.35	-54.94	-53.51
AV	5.38408G	-44.57	-41.30	-3.27	6.67	-51.24	-53.95	-58.97	-56.53
AV	5.44256G	-44.66	-41.30	-3.36	6.67	-51.33	-54.27	-57.84	-57.07

CSE;PK;Band:5.2G;HT40;BWch:40MHz;Nss:1,(M0-23);Nant:3;Ch:5230MHz;TN,VN



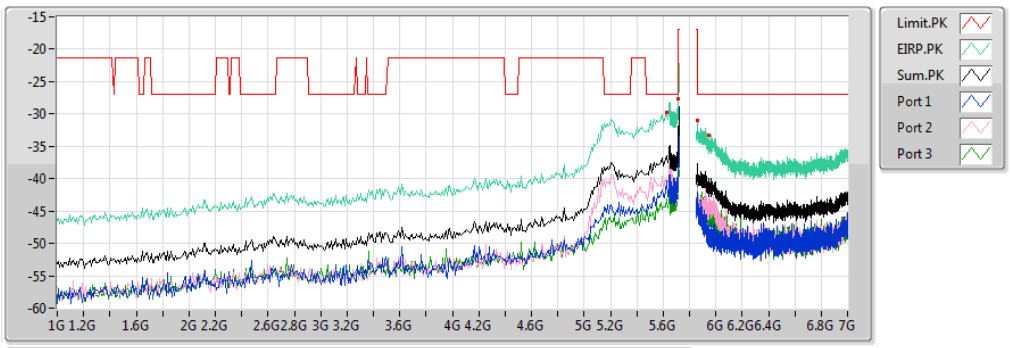
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
PK	4.49206G	-40.34	-27.00	-13.34	6.67	-47.01	-51.26	-51.41	-52.84
PK	5.12616G	-31.70	-21.30	-10.40	6.67	-38.37	-41.21	-44.41	-44.74
PK	5.42808G	-32.38	-21.30	-11.08	6.67	-39.05	-41.25	-47.12	-45.21
PK	5.70161G	-30.75	-27.00	-3.75	6.67	-37.42	-39.67	-45.10	-43.72

CSE;AV;Band:5.2G;HT40;BWch:40MHz;Nss:1,(M0-23);Nant:3;Ch:5230MHz;TN,VN



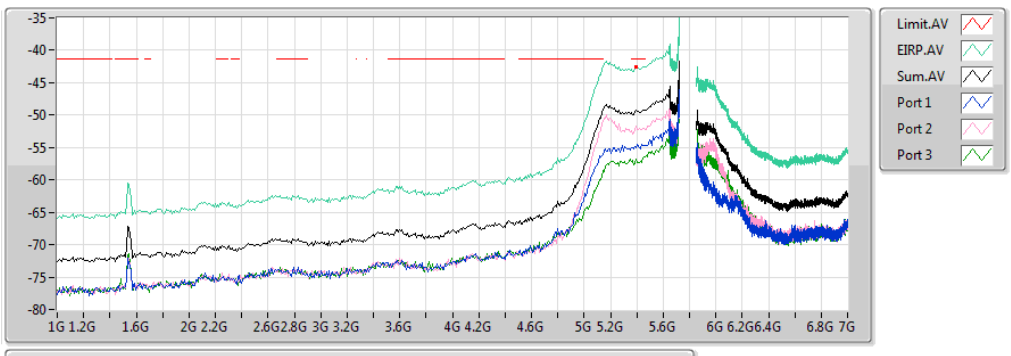
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
AV	5.07G	-49.42	-41.30	-8.12	6.67	-56.09	-58.97	-61.96	-62.56
AV	5.12664G	-43.21	-41.30	-1.91	6.67	-49.88	-53.01	-55.07	-56.65
AV	5.38232G	-44.42	-41.30	-3.12	6.67	-51.10	-53.49	-57.73	-57.92
AV	5.446485G	-44.46	-41.30	-3.16	6.67	-51.13	-54.01	-57.83	-56.79

CSE;PK;Band:5.8G;HT40;BWch:40MHz;Nss:1,(M0-23);Nant:3;Ch:5755MHz;TN,VN



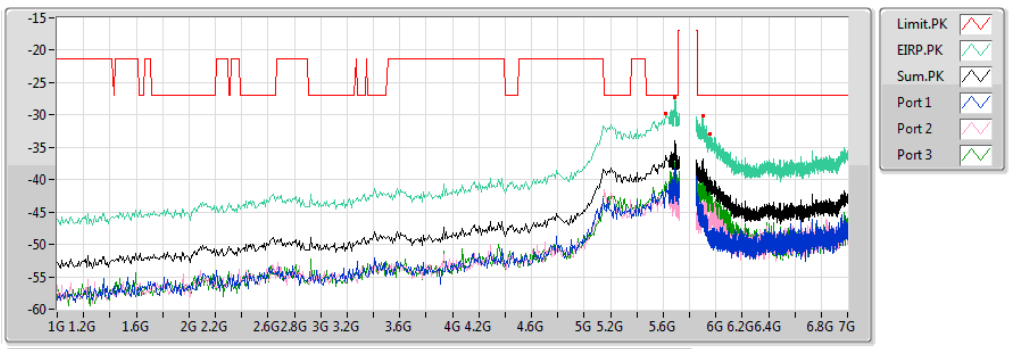
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
PK	5.62642G	-29.79	-27.00	-2.79	6.67	-36.46	-40.28	-40.80	-43.10
PK	5.71428G	-27.61	-27.00	-0.61	6.67	-34.28	-39.36	-38.55	-39.30
PK	5.8604G	-31.06	-27.00	-4.06	6.67	-37.73	-42.10	-43.25	-42.23
PK	5.94284G	-33.20	-27.00	-6.20	6.67	-39.87	-48.51	-43.12	-43.96

CSE;AV;Band:5.8G;HT40;BWch:40MHz;Nss:1,(M0-23);Nant:3;Ch:5755MHz;TN,VN



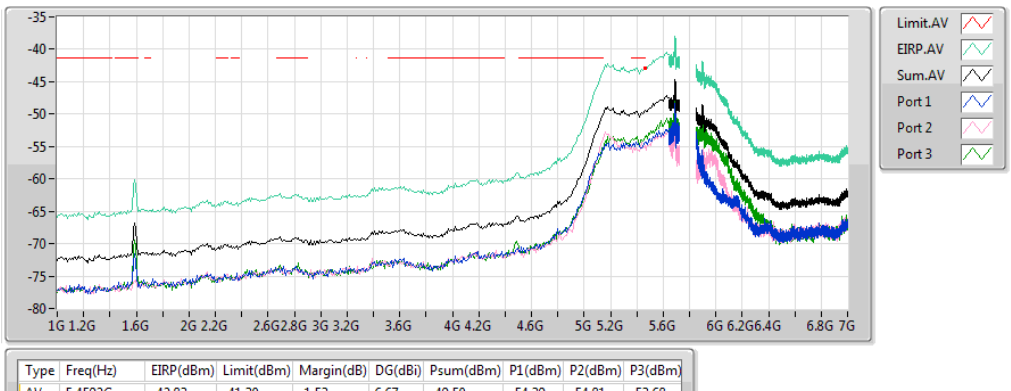
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
AV	5.39417G	-42.53	-41.30	-1.23	6.67	-49.21	-54.97	-51.74	-56.71

CSE;PK;Band:5.8G;HT40;BWch:40MHz;Nss:1,(M0-23);Nant:3;Ch:5795MHz;TN,VN



Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
PK	5.61713G	-29.68	-27.00	-2.68	6.67	-36.35	-41.07	-42.33	-40.23
PK	5.69204G	-27.33	-27.00	-0.33	6.67	-34.00	-38.33	-40.54	-37.88
PK	5.89944G	-30.16	-27.00	-3.16	6.67	-36.84	-44.01	-44.79	-38.72
PK	5.953005G	-32.94	-27.00	-5.94	6.67	-39.61	-49.92	-46.13	-41.26

CSE;AV;Band:5.8G;HT40;BWch:40MHz;Nss:1,(M0-23);Nant:3;Ch:5795MHz;TN,VN



Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
AV	5.4592G	-42.83	-41.30	-1.53	6.67	-49.50	-54.39	-54.81	-53.68

Summary

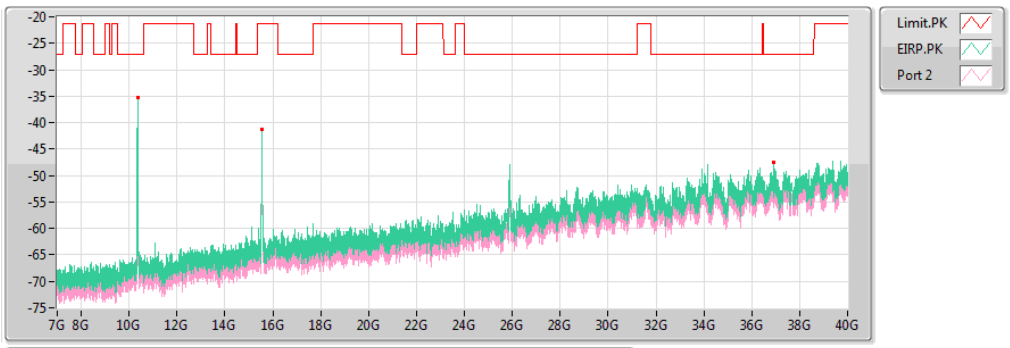
Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Type	Freq (Hz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	DG (dBi)	Loss (dB)	Refl (dB)	Psum (dBm)	P1 (dBm)	P2 (dBm)	P3 (dBm)
5.2G;HT20;20;1,(M0-23);3;5200;M;TN,VN	Pass	7G	40G	1M	AV	15.600625G	-45.82	-41.30	-4.52	6.67	11.24	0.00	-52.49	-59.25	-54.53	-60.38
5.8G;HT20;20;1,(M0-23);3;5825;H;TN,VN	Pass	7G	40G	1M	AV	11.648875G	-47.23	-41.30	-5.93	6.67	9.62	0.00	-53.90	-56.93	-57.91	-63.75
5.2G;HT20;20;1,(M0-23);3;5200;M;TN,VN	Pass	7G	40G	1M	AV	15.600625G	-45.82	-41.30	-4.52	6.67	11.24	0.00	-52.49	-59.25	-54.53	-60.38
5.8G;HT20;20;1,(M0-23);3;5825;H;TN,VN	Pass	7G	40G	1M	AV	11.648875G	-47.23	-41.30	-5.93	6.67	9.62	0.00	-53.90	-56.93	-57.91	-63.75
5.2G;HT20;20;1,(M0-23);3;5200;M;TN,VN	Pass	7G	40G	1M	AV	15.600625G	-45.82	-41.30	-4.52	6.67	11.24	0.00	-52.49	-59.25	-54.53	-60.38
5.8G;HT20;20;1,(M0-23);3;5825;H;TN,VN	Pass	7G	40G	1M	AV	11.648875G	-47.23	-41.30	-5.93	6.67	9.62	0.00	-53.90	-56.93	-57.91	-63.75

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Type	Freq (Hz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	DG (dBi)	Loss (dB)	Refl (dB)	Psum (dBm)	P1 (dBm)	P2 (dBm)	P3 (dBm)
5.2G;11a;20;1;1(2);5180;L;TN,VN	Pass	7G	40G	1M	PK	10.361875G	-35.36	-27.00	-8.36	2.00	9.02	0.00	-37.36	-	-37.36	
5.2G;11a;20;1;1(2);5180;L;TN,VN	Pass	7G	40G	1M	PK	15.547G	-41.34	-21.30	-20.04	2.00	11.22	0.00	-43.34	-	-43.34	
5.2G;11a;20;1;1(2);5180;L;TN,VN	Pass	7G	40G	1M	PK	36.935125G	-47.42	-27.00	-20.42	2.00	16.11	0.00	-49.42	-	-49.42	
5.2G;11a;20;1;1(2);5180;L;TN,VN	Pass	7G	40G	1M	AV	15.542875G	-52.05	-41.30	-10.75	2.00	11.22	0.00	-54.05	-	-54.05	
5.2G;11a;20;1;1(2);5180;L;TN,VN	Pass	7G	40G	1M	AV	38.68825G	-67.05	-41.30	-25.75	2.00	16.34	0.00	-69.05	-	-69.05	
5.2G;11a;20;1;1(2);5180;L;TN,VN	Pass	7G	40G	1M	AV	39.971125G	-67.07	-41.30	-25.77	2.00	16.50	0.00	-69.07	-	-69.07	
5.2G;11a;20;1;1(2);5200;M;TN,VN	Pass	7G	40G	1M	PK	10.399G	-34.89	-27.00	-7.89	2.00	9.04	0.00	-36.89	-	-36.89	
5.2G;11a;20;1;1(2);5200;M;TN,VN	Pass	7G	40G	1M	PK	15.60475G	-37.51	-21.30	-16.21	2.00	11.24	0.00	-39.51	-	-39.51	
5.2G;11a;20;1;1(2);5200;M;TN,VN	Pass	7G	40G	1M	PK	36.9145G	-46.77	-27.00	-19.77	2.00	16.11	0.00	-48.77	-	-48.77	
5.2G;11a;20;1;1(2);5200;M;TN,VN	Pass	7G	40G	1M	AV	15.575875G	-60.69	-41.30	-19.39	2.00	11.23	0.00	-62.69	-	-62.69	
5.2G;11a;20;1;1(2);5200;M;TN,VN	Pass	7G	40G	1M	AV	15.5965G	-46.63	-41.30	-5.33	2.00	11.24	0.00	-48.63	-	-48.63	
5.2G;11a;20;1;1(2);5200;M;TN,VN	Pass	7G	40G	1M	AV	38.774875G	-66.54	-41.30	-25.24	2.00	16.35	0.00	-68.54	-	-68.54	
5.2G;11a;20;1;1(2);5240;H;TN,VN	Pass	7G	40G	1M	PK	10.477375G	-33.10	-27.00	-6.10	2.00	9.08	0.00	-35.10	-	-35.10	
5.2G;11a;20;1;1(2);5240;H;TN,VN	Pass	7G	40G	1M	PK	36.968125G	-47.48	-27.00	-20.48	2.00	16.12	0.00	-49.48	-	-49.48	
5.2G;11a;20;1;1(2);5240;H;TN,VN	Pass	7G	40G	1M	PK	37.4425G	-48.32	-27.00	-21.32	2.00	16.18	0.00	-50.32	-	-50.32	
5.2G;11a;20;1;1(2);5240;H;TN,VN	Pass	7G	40G	1M	AV	15.716125G	-51.42	-41.30	-10.12	2.00	11.28	0.00	-53.42	-	-53.42	
5.2G;11a;20;1;1(2);5240;H;TN,VN	Pass	7G	40G	1M	AV	38.713G	-67.10	-41.30	-25.80	2.00	16.35	0.00	-69.10	-	-69.10	
5.2G;11a;20;1;1(2);5240;H;TN,VN	Pass	7G	40G	1M	AV	39.95875G	-67.12	-41.30	-25.82	2.00	16.50	0.00	-69.12	-	-69.12	
5.8G;11a;20;1;1(2);5745;L;TN,VN	Pass	7G	40G	1M	PK	11.483875G	-40.00	-21.30	-18.70	2.00	9.55	0.00	-42.00	-	-42.00	
5.8G;11a;20;1;1(2);5745;L;TN,VN	Pass	7G	40G	1M	PK	17.225875G	-44.45	-27.00	-17.45	2.00	11.81	0.00	-46.45	-	-46.45	
5.8G;11a;20;1;1(2);5745;L;TN,VN	Pass	7G	40G	1M	PK	17.234125G	-42.71	-27.00	-15.71	2.00	11.82	0.00	-44.71	-	-44.71	
5.8G;11a;20;1;1(2);5745;L;TN,VN	Pass	7G	40G	1M	PK	28.726375G	-44.87	-27.00	-17.87	2.00	14.77	0.00	-46.87	-	-46.87	
5.8G;11a;20;1;1(2);5745;L;TN,VN	Pass	7G	40G	1M	AV	11.488G	-47.58	-41.30	-6.28	2.00	9.55	0.00	-49.58	-	-49.58	
5.8G;11a;20;1;1(2);5745;L;TN,VN	Pass	7G	40G	1M	AV	38.80375G	-67.20	-41.30	-25.90	2.00	16.36	0.00	-69.20	-	-69.20	
5.8G;11a;20;1;1(2);5745;L;TN,VN	Pass	7G	40G	1M	AV	39.979375G	-67.36	-41.30	-26.06	2.00	16.50	0.00	-69.36	-	-69.36	
5.8G;11a;20;1;1(2);5785;M;TN,VN	Pass	7G	40G	1M	PK	11.56225G	-40.32	-21.30	-19.02	2.00	9.58	0.00	-42.32	-	-42.32	
5.8G;11a;20;1;1(2);5785;M;TN,VN	Pass	7G	40G	1M	PK	17.362G	-47.37	-27.00	-20.37	2.00	11.86	0.00	-49.37	-	-49.37	
5.8G;11a;20;1;1(2);5785;M;TN,VN	Pass	7G	40G	1M	PK	28.92025G	-45.07	-27.00	-18.07	2.00	14.81	0.00	-47.07	-	-47.07	
5.8G;11a;20;1;1(2);5785;M;TN,VN	Pass	7G	40G	1M	AV	11.566375G	-47.54	-41.30	-6.24	2.00	9.59	0.00	-49.54	-	-49.54	
5.8G;11a;20;1;1(2);5785;M;TN,VN	Pass	7G	40G	1M	AV	38.667625G	-67.10	-41.30	-25.80	2.00	16.34	0.00	-69.10	-	-69.10	
5.8G;11a;20;1;1(2);5785;M;TN,VN	Pass	7G	40G	1M	AV	38.7625G	-66.96	-41.30	-25.66	2.00	16.35	0.00	-68.96	-	-68.96	
5.8G;11a;20;1;1(2);5825;H;TN,VN	Pass	7G	40G	1M	PK	11.64475G	-39.86	-21.30	-18.56	2.00	9.62	0.00	-41.86	-	-41.86	
5.8G;11a;20;1;1(2);5825;H;TN,VN	Pass	7G	40G	1M	PK	17.461G	-36.21	-27.00	-9.21	2.00	11.89	0.00	-38.21	-	-38.21	
5.8G;11a;20;1;1(2);5825;H;TN,VN	Pass	7G	40G	1M	PK	37.463125G	-48.16	-27.00	-21.16	2.00	16.18	0.00	-50.16	-	-50.16	
5.8G;11a;20;1;1(2);5825;H;TN,VN	Pass	7G	40G	1M	AV	11.648875G	-47.41	-41.30	-6.11	2.00	9.62	0.00	-49.41	-	-49.41	
5.8G;11a;20;1;1(2);5825;H;TN,VN	Pass	7G	40G	1M	AV	38.651125G	-67.57	-41.30	-26.27	2.00	16.34	0.00	-69.57	-	-69.57	
5.8G;11a;20;1;1(2);5825;H;TN,VN	Pass	7G	40G	1M	AV	38.750125G	-66.63	-41.30	-25.33	2.00	16.35	0.00	-68.63	-	-68.63	
5.2G;HT20;20;1,(M0-23);3;5180;L;TN,VN	Pass	7G	40G	1M	PK	10.35775G	-35.82	-27.00	-8.82	6.67	9.02	0.00	-42.49	-54.12	-43.09	-54.74
5.2G;HT20;20;1,(M0-23);3;5180;L;TN,VN	Pass	7G	40G	1M	PK	37.355875G	-39.75	-27.00	-12.75	6.67	16.17	0.00	-46.42	-51.21	-50.79	-51.63
5.2G;HT20;20;1,(M0-23);3;5180;L;TN,VN	Pass	7G	40G	1M	PK	38.098375G	-40.04	-27.00	-13.04	6.67	16.27	0.00	-46.71	-53.81	-49.07	-53.20
5.2G;HT20;20;1,(M0-23);3;5180;L;TN,VN	Pass	7G	40G	1M	AV	15.542875G	-47.08	-41.30	-5.78	6.67	11.22	0.00	-53.75	-60.71	-60.11	-56.20
5.2G;HT20;20;1,(M0-23);3;5180;L;TN,VN	Pass	7G	40G	1M	AV	38.75425G	-57.78	-41.30	-16.48	6.67	16.35	0.00	-64.45	-69.20	-69.19	-69.28
5.2G;HT20;20;1,(M0-23);3;5180;L;TN,VN	Pass	7G	40G	1M	AV	39.967G	-58.17	-41.30	-16.87	6.67	16.50	0.00	-64.84	-69.52	-70.07	-69.29
5.2G;HT20;20;1,(M0-23);3;5200;M;TN,VN	Pass	7G	40G	1M	PK	10.399G	-39.85	-27.00	-12.85	6.67	9.04	0.00	-46.52	-55.57	-47.57	-56.88
5.2G;HT20;20;1,(M0-23);3;5200;M;TN,VN	Pass	7G	40G	1M	PK	34.501375G	-40.04	-27.00	-13.04	6.67	15.76	0.00	-46.71	-50.16	-52.27	-52.40
5.2G;HT20;20;1,(M0-23);3;5200;M;TN,VN	Pass	7G	40G	1M	PK	37.40125G	-39.87	-27.00	-12.87	6.67	16.17	0.00	-46.54	-53.13	-49.67	-51.86
5.2G;HT20;20;1,(M0-23);3;5200;M;TN,VN	Pass	7G	40G	1M	AV	15.600625G	-45.82	-41.30	-4.52	6.67	11.24	0.00	-52.49	-59.25	-54.53	-60.38
5.2G;HT20;20;1,(M0-23);3;5200;M;TN,VN	Pass	7G	40G	1M	AV	38.67175G	-58.18	-41.30	-16.88	6.67	16.34	0.00	-64.85	-69.94	-69.44	-69.50
5.2G;HT20;20;1,(M0-23);3;5200;M;TN,VN	Pass	7G	40G	1M	AV	38.750125G	-57.87	-41.30	-16.57	6.67	16.35	0.00	-64.54	-69.57	-69.10	-69.27
5.2G;HT20;20;1,(M0-23);3;5240;H;TN,VN	Pass	7G	40G	1M	PK	10.477375G	-46.68	-27.00	-19.68	6.67	9.08	0.00	-53.35	-62.68	-58.24	-55.88
5.2G;HT20;20;1,(M0-23);3;5240;H;TN,VN	Pass	7G	40G	1M	PK	36.3865G	-40.12	-27.00	-13.12	6.67	16.04	0.00	-46.79	-55.32	-48.72	-53.39
5.2G;HT20;20;1,(M0-23);3;5240;H;TN,VN	Pass	7G	40G	1M	PK	37.00525G	-40.11	-27.00	-13.11	6.67	16.12	0.00	-46.78	-48.53	-54.39	-54.77
5.2G;HT20;20;1,(M0-23);3;5240;H;TN,VN	Pass	7G	40G	1M	PK	37.430125G	-39.43	-27.00	-12.43	6.67	16.18	0.00	-46.10	-51.10	-50.42	-51.13
5.2G;HT20;20;1,(M0-23);3;5240;H;TN,VN	Pass	7G	40G	1M	AV	15.72025G	-50.11	-41.30	-8.81	6.67	11.28	0.00	-56.78	-58.66	-63.72	-65.03
5.2G;HT20;20;1,(M0-23);3;5240;H;TN,VN	Pass	7G	40G	1M	AV	38.700625G	-57.85	-41.30	-16.55	6.67	16.34	0.00	-64.52	-69.33	-69.56	-68.99
5.2G;HT20;20;1,(M0-23);3;5240;H;TN,VN	Pass	7G	40G	1M	AV	39.967G	-58.17	-41.30	-16.87	6.67	16.50	0.00	-64.84	-69.83	-69.74	-69.29
5.8G;HT20;20;1,(M0-23);3;5745;L;TN,VN	Pass	7G	40G	1M	PK	11.483875G	-34.57	-21.30	-13.27	6.67	9.55	0.00	-41.24	-45.59	-43.38	-57.49
5.8G;HT20;20;1,(M0-23);3;5745;L;TN,VN	Pass	7G	40G	1M	PK	17.225875G	-39.20	-27.00	-12.20	6.67	11.81	0.00	-45.87	-51.13	-52.23	-49.14
5.8G;HT20;20;1,(M0-23);3;5745;L;TN,VN	Pass	7G	40G	1M	PK	17.242375G	-36.94	-27.00	-9.94	6.67	11.82	0.00	-43.61	-50.62	-45.59	-51.35
5.8G;HT20;20;1,(M0-23);3;5745;L;TN,VN	Pass	7G	40G	1M	PK	28.718125G	-39.24	-27.00	-12.24	6.67	14.77	0.00	-45.91	-50.52	-50.06	-51.62
5.8G;HT20;20;1,(M0-23);3;5745;L;TN,VN	Pass	7G	40G	1M	AV	11.488G	-48.16	-41.30	-6.86	6.67	9.55	0.00	-54.83	-58.69	-58.05	-64.29

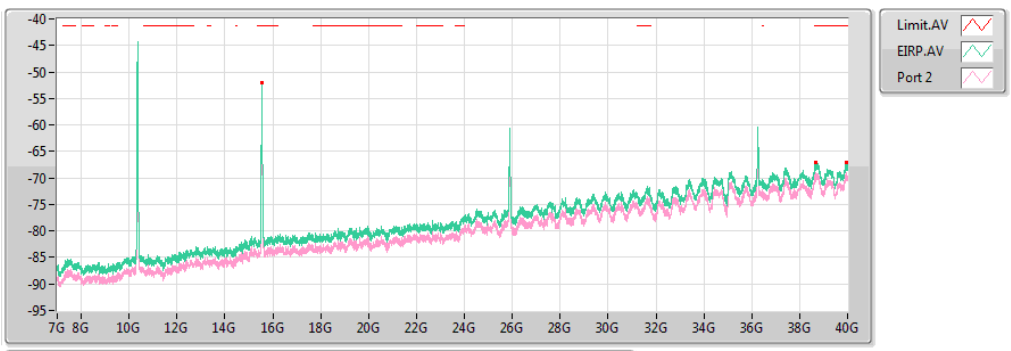
Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Type	Freq (Hz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	DG (dBi)	Loss (dB)	Refl (dB)	Psum (dBm)	P1 (dBm)	P2 (dBm)	P3 (dBm)
5.8G;HT20;20;1,(M0-23);3;5745;L;TN,VN	Pass	7G	40G	1M	AV	38.746G	-58.01	-41.30	-16.71	6.67	16.35	0.00	-64.68	-69.42	-69.59	-69.34
5.8G;HT20;20;1,(M0-23);3;5745;L;TN,VN	Pass	7G	40G	1M	AV	39.962875G	-58.32	-41.30	-17.02	6.67	16.50	0.00	-64.99	-69.91	-69.36	-70.03
5.8G;HT20;20;1,(M0-23);3;5785;M;TN,VN	Pass	7G	40G	1M	PK	11.56225G	-41.21	-21.30	-19.91	6.67	9.58	0.00	-47.88	-52.44	-50.39	-58.45
5.8G;HT20;20;1,(M0-23);3;5785;M;TN,VN	Pass	7G	40G	1M	PK	36.92275G	-39.54	-27.00	-12.54	6.67	16.11	0.00	-46.21	-52.05	-50.92	-50.17
5.8G;HT20;20;1,(M0-23);3;5785;M;TN,VN	Pass	7G	40G	1M	PK	37.3765G	-40.31	-27.00	-13.31	6.67	16.17	0.00	-46.98	-51.15	-52.24	-51.93
5.8G;HT20;20;1,(M0-23);3;5785;M;TN,VN	Pass	7G	40G	1M	PK	38.106625G	-40.37	-27.00	-13.37	6.67	16.27	0.00	-47.04	-53.08	-54.14	-49.58
5.8G;HT20;20;1,(M0-23);3;5785;M;TN,VN	Pass	7G	40G	1M	AV	11.566375G	-51.02	-41.30	-9.72	6.67	9.59	0.00	-57.69	-62.25	-60.49	-66.71
5.8G;HT20;20;1,(M0-23);3;5785;M;TN,VN	Pass	7G	40G	1M	AV	38.7625G	-57.63	-41.30	-16.33	6.67	16.35	0.00	-64.30	-69.23	-68.99	-69.00
5.8G;HT20;20;1,(M0-23);3;5785;M;TN,VN	Pass	7G	40G	1M	AV	39.967G	-58.19	-41.30	-16.89	6.67	16.50	0.00	-64.86	-69.63	-69.80	-69.47
5.8G;HT20;20;1,(M0-23);3;5825;H;TN,VN	Pass	7G	40G	1M	PK	11.657125G	-35.71	-21.30	-14.41	6.67	9.63	0.00	-42.38	-45.31	-47.33	-50.03
5.8G;HT20;20;1,(M0-23);3;5825;H;TN,VN	Pass	7G	40G	1M	PK	17.4775G	-33.11	-27.00	-6.11	6.67	11.90	0.00	-39.78	-44.03	-45.77	-44.08
5.8G;HT20;20;1,(M0-23);3;5825;H;TN,VN	Pass	7G	40G	1M	PK	37.372375G	-40.13	-27.00	-13.13	6.67	16.17	0.00	-46.80	-51.93	-53.40	-50.05
5.8G;HT20;20;1,(M0-23);3;5825;H;TN,VN	Pass	7G	40G	1M	PK	38.07775G	-39.79	-27.00	-12.79	6.67	16.26	0.00	-46.46	-49.60	-51.60	-53.30
5.8G;HT20;20;1,(M0-23);3;5825;H;TN,VN	Pass	7G	40G	1M	AV	11.648875G	-47.23	-41.30	-5.93	6.67	9.62	0.00	-53.90	-56.93	-57.91	-63.75
5.8G;HT20;20;1,(M0-23);3;5825;H;TN,VN	Pass	7G	40G	1M	AV	38.659375G	-58.06	-41.30	-16.76	6.67	16.34	0.00	-64.73	-69.55	-69.35	-69.62
5.8G;HT20;20;1,(M0-23);3;5825;H;TN,VN	Pass	7G	40G	1M	AV	39.9835G	-58.18	-41.30	-16.88	6.67	16.50	0.00	-64.85	-69.87	-69.41	-69.60
5.2G;HT40;40;1,(M0-23);3;5190;L;TN,VN	Pass	7G	40G	1M	PK	10.3825G	-41.78	-27.00	-14.78	6.67	9.03	0.00	-48.45	-58.93	-49.32	-58.81
5.2G;HT40;40;1,(M0-23);3;5190;L;TN,VN	Pass	7G	40G	1M	PK	36.84025G	-39.56	-27.00	-12.56	6.67	16.10	0.00	-46.23	-49.92	-52.64	-50.87
5.2G;HT40;40;1,(M0-23);3;5190;L;TN,VN	Pass	7G	40G	1M	PK	37.4095G	-40.23	-27.00	-13.23	6.67	16.18	0.00	-46.90	-55.50	-49.65	-51.69
5.2G;HT40;40;1,(M0-23);3;5190;L;TN,VN	Pass	7G	40G	1M	PK	38.12725G	-40.14	-27.00	-13.14	6.67	16.27	0.00	-46.81	-51.79	-53.33	-50.18
5.2G;HT40;40;1,(M0-23);3;5190;L;TN,VN	Pass	7G	40G	1M	AV	15.57175G	-49.09	-41.30	-7.79	6.67	11.23	0.00	-55.76	-72.78	-59.59	-58.23
5.2G;HT40;40;1,(M0-23);3;5190;L;TN,VN	Pass	7G	40G	1M	AV	15.58G	-48.43	-41.30	-7.13	6.67	11.23	0.00	-55.10	-68.61	-59.19	-57.58
5.2G;HT40;40;1,(M0-23);3;5190;L;TN,VN	Pass	7G	40G	1M	AV	38.746G	-58.06	-41.30	-16.76	6.67	16.35	0.00	-64.73	-69.68	-68.76	-70.17
5.2G;HT40;40;1,(M0-23);3;5230;H;TN,VN	Pass	7G	40G	1M	PK	10.45675G	-46.16	-27.00	-19.16	6.67	9.07	0.00	-52.83	-58.75	-57.77	-56.56
5.2G;HT40;40;1,(M0-23);3;5230;H;TN,VN	Pass	7G	40G	1M	PK	33.981625G	-40.13	-27.00	-13.13	6.67	15.68	0.00	-46.80	-51.34	-53.19	-50.58
5.2G;HT40;40;1,(M0-23);3;5230;H;TN,VN	Pass	7G	40G	1M	PK	34.489G	-40.22	-27.00	-13.22	6.67	15.76	0.00	-46.89	-51.06	-51.14	-53.05
5.2G;HT40;40;1,(M0-23);3;5230;H;TN,VN	Pass	7G	40G	1M	PK	37.40125G	-40.16	-27.00	-13.16	6.67	16.17	0.00	-46.83	-53.98	-52.08	-49.77
5.2G;HT40;40;1,(M0-23);3;5230;H;TN,VN	Pass	7G	40G	1M	AV	15.70375G	-52.67	-41.30	-11.37	6.67	11.28	0.00	-59.34	-60.69	-66.31	-71.09
5.2G;HT40;40;1,(M0-23);3;5230;H;TN,VN	Pass	7G	40G	1M	AV	38.6965G	-58.13	-41.30	-16.83	6.67	16.34	0.00	-64.80	-69.32	-69.60	-69.80
5.2G;HT40;40;1,(M0-23);3;5230;H;TN,VN	Pass	7G	40G	1M	AV	39.94225G	-58.38	-41.30	-17.08	6.67	16.50	0.00	-65.05	-69.47	-70.65	-69.46
5.8G;HT40;40;1,(M0-23);3;5755;L;TN,VN	Pass	7G	40G	1M	PK	11.51275G	-39.48	-21.30	-18.18	6.67	9.56	0.00	-46.15	-51.61	-56.99	-48.14
5.8G;HT40;40;1,(M0-23);3;5755;L;TN,VN	Pass	7G	40G	1M	PK	17.258875G	-36.33	-27.00	-9.33	6.67	11.82	0.00	-43.00	-50.64	-53.92	-44.26
5.8G;HT40;40;1,(M0-23);3;5755;L;TN,VN	Pass	7G	40G	1M	PK	37.397125G	-39.31	-27.00	-12.31	6.67	16.17	0.00	-45.98	-50.60	-49.41	-52.92
5.8G;HT40;40;1,(M0-23);3;5755;L;TN,VN	Pass	7G	40G	1M	PK	38.048875G	-39.57	-27.00	-12.57	6.67	16.26	0.00	-46.24	-53.15	-50.29	-50.19
5.8G;HT40;40;1,(M0-23);3;5755;L;TN,VN	Pass	7G	40G	1M	AV	11.508625G	-49.07	-41.30	-7.77	6.67	9.56	0.00	-55.74	-60.01	-64.44	-58.83
5.8G;HT40;40;1,(M0-23);3;5755;L;TN,VN	Pass	7G	40G	1M	AV	38.713G	-57.99	-41.30	-16.69	6.67	16.35	0.00	-64.66	-69.91	-68.59	-69.92
5.8G;HT40;40;1,(M0-23);3;5755;L;TN,VN	Pass	7G	40G	1M	AV	39.95875G	-58.29	-41.30	-16.99	6.67	16.50	0.00	-64.96	-70.30	-69.64	-69.33
5.8G;HT40;40;1,(M0-23);3;5795;H;TN,VN	Pass	7G	40G	1M	PK	11.587G	-42.33	-21.30	-21.03	6.67	9.60	0.00	-49.00	-52.11	-52.93	-58.71
5.8G;HT40;40;1,(M0-23);3;5795;H;TN,VN	Pass	7G	40G	1M	PK	36.918625G	-40.11	-27.00	-13.11	6.67	16.11	0.00	-46.78	-53.56	-54.12	-48.96
5.8G;HT40;40;1,(M0-23);3;5795;H;TN,VN	Pass	7G	40G	1M	PK	37.41775G	-40.11	-27.00	-13.11	6.67	16.18	0.00	-46.78	-51.92	-51.42	-51.33
5.8G;HT40;40;1,(M0-23);3;5795;H;TN,VN	Pass	7G	40G	1M	PK	38.12725G	-40.23	-27.00	-13.23	6.67	16.27	0.00	-46.90	-51.18	-50.25	-54.72
5.8G;HT40;40;1,(M0-23);3;5795;H;TN,VN	Pass	7G	40G	1M	AV	11.587G	-51.15	-41.30	-9.85	6.67	9.60	0.00	-57.82	-61.21	-61.29	-68.16
5.8G;HT40;40;1,(M0-23);3;5795;H;TN,VN	Pass	7G	40G	1M	AV	38.675875G	-58.23	-41.30	-16.93	6.67	16.34	0.00	-64.90	-69.20	-69.86	-69.99
5.8G;HT40;40;1,(M0-23);3;5795;H;TN,VN	Pass	7G	40G	1M	AV	38.750125G	-57.88	-41.30	-16.58	6.67	16.35	0.00	-64.55	-69.26	-69.13	-69.58

CSE;PK;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:1(2);Ch:5180MHz;TN,VN



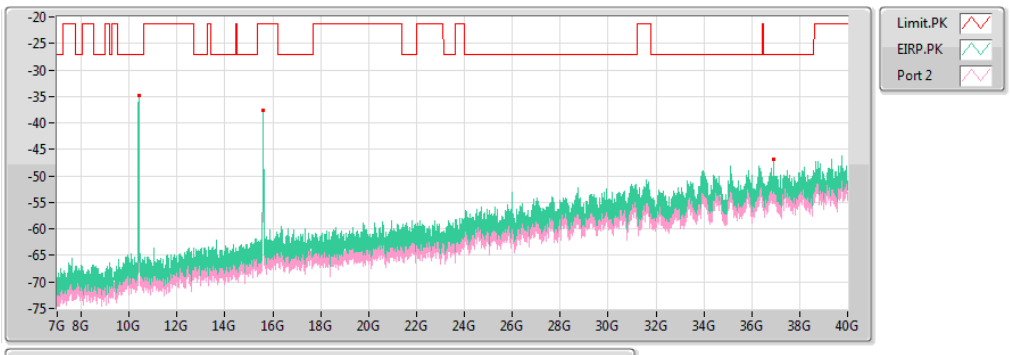
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)
PK	10.361875G	-35.36	-27.00	-8.36	2.00	-37.36	-	-37.36
PK	15.547G	-41.34	-21.30	-20.04	2.00	-43.34	-	-43.34
PK	36.935125G	-47.42	-27.00	-20.42	2.00	-49.42	-	-49.42

CSE;AV;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:1(2);Ch:5180MHz;TN,VN



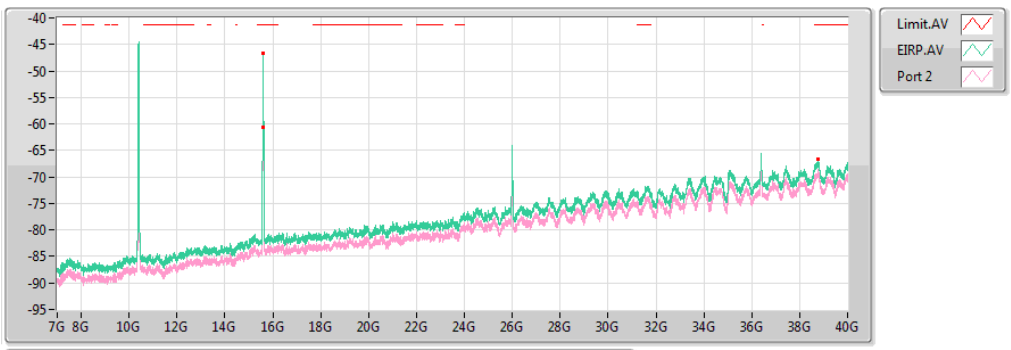
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)
AV	15.542875G	-52.05	-41.30	-10.75	2.00	-54.05	-	-54.05
AV	38.68825G	-67.05	-41.30	-25.75	2.00	-69.05	-	-69.05
AV	39.971125G	-67.07	-41.30	-25.77	2.00	-69.07	-	-69.07

CSE;PK;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:1(2);Ch:5200MHz;TN,VN



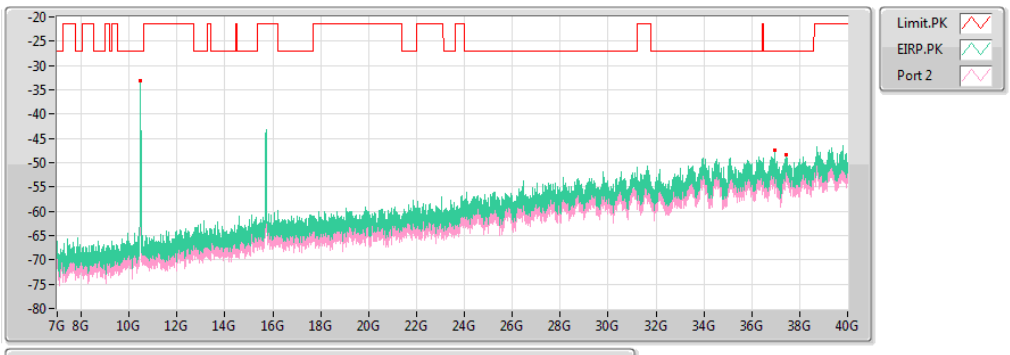
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)
PK	10.399G	-34.89	-27.00	-7.89	2.00	-36.89	-	-36.89
PK	15.60475G	-37.51	-21.30	-16.21	2.00	-39.51	-	-39.51
PK	36.9145G	-46.77	-27.00	-19.77	2.00	-48.77	-	-48.77

CSE;AV;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:1(2);Ch:5200MHz;TN,VN



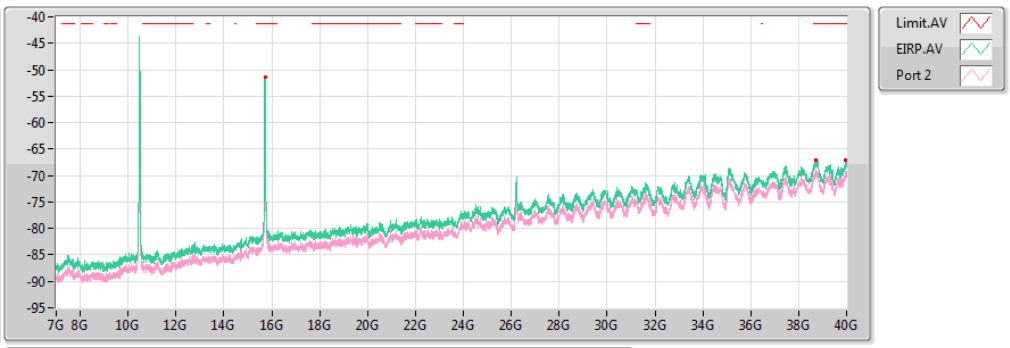
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)
AV	15.575875G	-60.69	-41.30	-19.39	2.00	-62.69	-	-62.69
AV	15.5965G	-46.63	-41.30	-5.33	2.00	-48.63	-	-48.63
AV	38.774875G	-66.54	-41.30	-25.24	2.00	-68.54	-	-68.54

CSE;PK;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:1(2);Ch:5240MHz;TN,VN



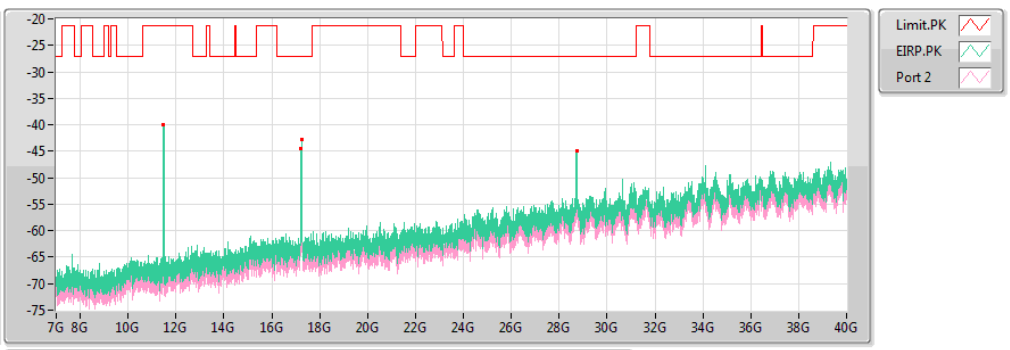
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)
PK	10.477375G	-33.10	-27.00	-6.10	2.00	-35.10	-	-35.10
PK	36.968125G	-47.48	-27.00	-20.48	2.00	-49.48	-	-49.48
PK	37.4425G	-48.32	-27.00	-21.32	2.00	-50.32	-	-50.32

CSE;AV;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:1(2);Ch:5240MHz;TN,VN



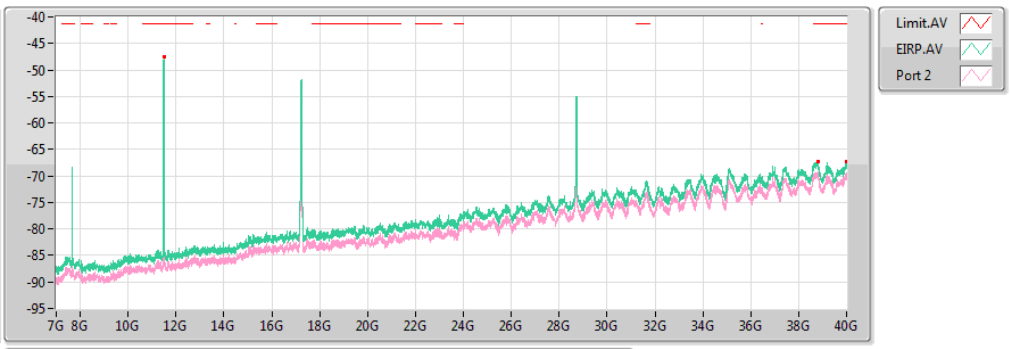
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)
AV	15.716125G	-51.42	-41.30	-10.12	2.00	-53.42	-	-53.42
AV	38.713G	-67.10	-41.30	-25.80	2.00	-69.10	-	-69.10
AV	39.95875G	-67.12	-41.30	-25.82	2.00	-69.12	-	-69.12

CSE;PK;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1(2);Ch:5745MHz;TN,VN



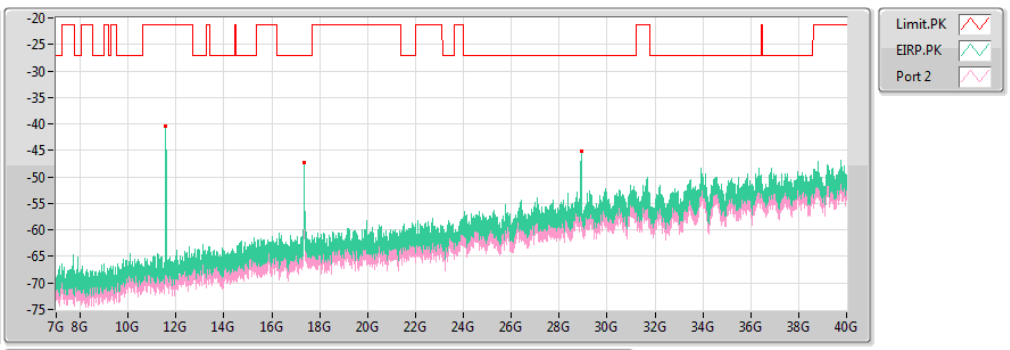
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)
PK	11.483875G	-40.00	-21.30	-18.70	2.00	-42.00	-	-42.00
PK	17.225875G	-44.45	-27.00	-17.45	2.00	-46.45	-	-46.45
PK	17.234125G	-42.71	-27.00	-15.71	2.00	-44.71	-	-44.71
PK	28.726375G	-44.87	-27.00	-17.87	2.00	-46.87	-	-46.87

CSE;AV;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1(2);Ch:5745MHz;TN,VN



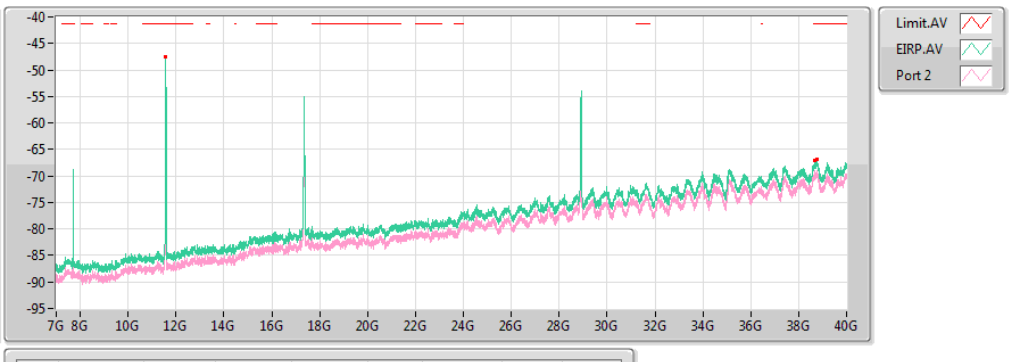
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)
AV	11.488G	-47.58	-41.30	-6.28	2.00	-49.58	-	-49.58
AV	38.80375G	-67.20	-41.30	-25.90	2.00	-69.20	-	-69.20
AV	39.979375G	-67.36	-41.30	-26.06	2.00	-69.36	-	-69.36

CSE;PK;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1(2);Ch:5785MHz;TN,VN



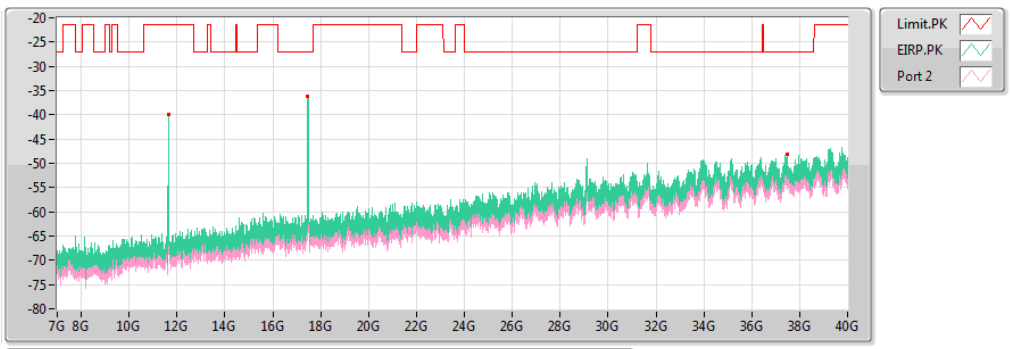
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)
PK	11.56225G	-40.32	-21.30	-19.02	2.00	-42.32	-	-42.32
PK	17.362G	-47.37	-27.00	-20.37	2.00	-49.37	-	-49.37
PK	28.92025G	-45.07	-27.00	-18.07	2.00	-47.07	-	-47.07

CSE;AV;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1(2);Ch:5785MHz;TN,VN



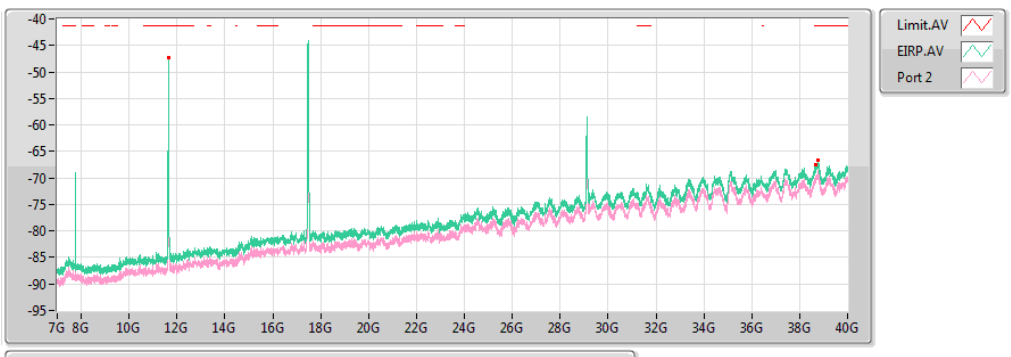
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)
AV	11.566375G	-47.54	-41.30	-6.24	2.00	-49.54	-	-49.54
AV	38.667625G	-67.10	-41.30	-25.80	2.00	-69.10	-	-69.10
AV	38.7625G	-66.96	-41.30	-25.66	2.00	-68.96	-	-68.96

CSE;PK;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1(2);Ch:5825MHz;TN,VN



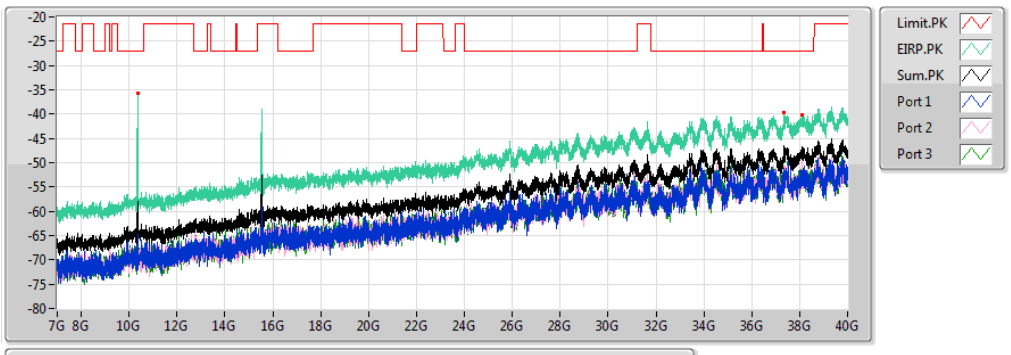
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)
PK	11.64475G	-39.86	-21.30	-18.56	2.00	-41.86	-	-41.86
PK	17.461G	-36.21	-27.00	-9.21	2.00	-38.21	-	-38.21
PK	37.463125G	-48.16	-27.00	-21.16	2.00	-50.16	-	-50.16

CSE;AV;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:1(2);Ch:5825MHz;TN,VN



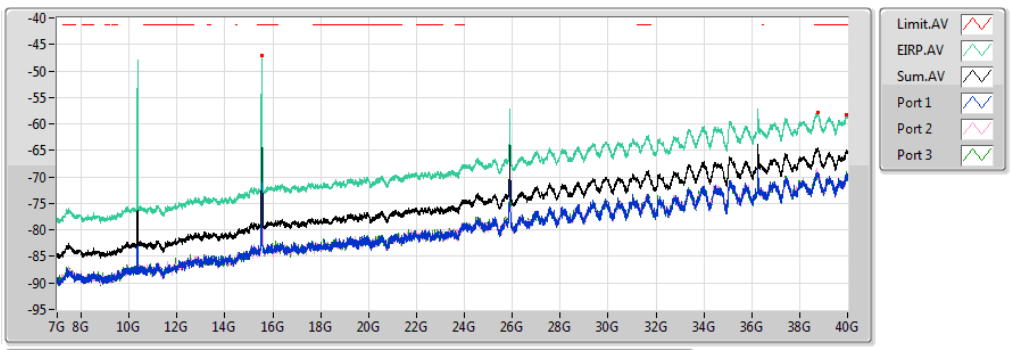
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)
AV	11.648875G	-47.41	-41.30	-6.11	2.00	-49.41	-	-49.41
AV	38.651125G	-67.57	-41.30	-26.27	2.00	-69.57	-	-69.57
AV	38.750125G	-66.63	-41.30	-25.33	2.00	-68.63	-	-68.63

CSE;PK;Band:5.2G;HT20;BWch:20MHz;Nss:1,(M0-23);Nant:3;Ch:5180MHz;TN,VN



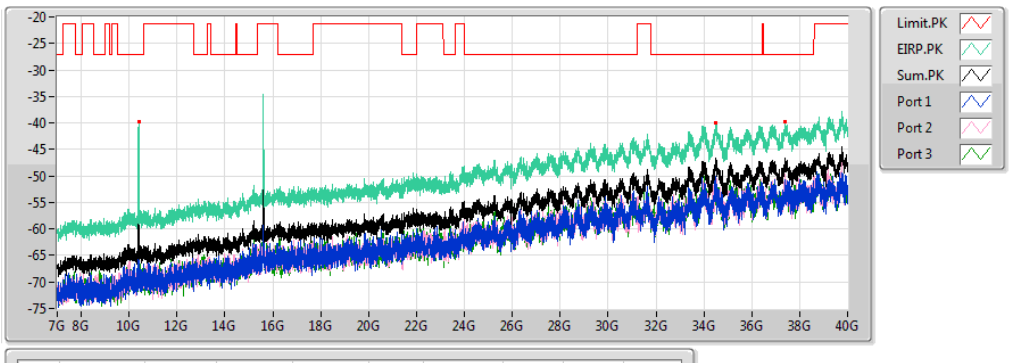
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
PK	10.35775G	-35.82	-27.00	-8.82	6.67	-42.49	-54.12	-43.09	-54.74
PK	37.355875G	-39.75	-27.00	-12.75	6.67	-46.42	-51.21	-50.79	-51.63
PK	38.098375G	-40.04	-27.00	-13.04	6.67	-46.71	-53.81	-49.07	-53.20

CSE;AV;Band:5.2G;HT20;BWch:20MHz;Nss:1,(M0-23);Nant:3;Ch:5180MHz;TN,VN



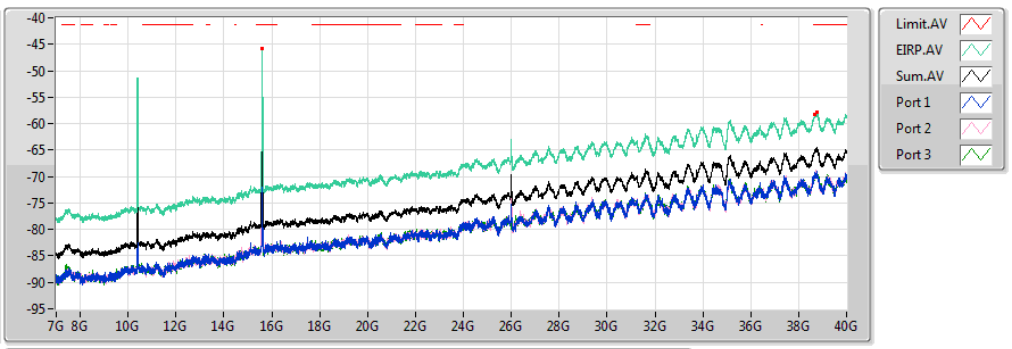
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
AV	15.542875G	-47.08	-41.30	-5.78	6.67	-53.75	-60.71	-60.11	-56.20
AV	38.75425G	-57.78	-41.30	-16.48	6.67	-64.45	-69.20	-69.19	-69.28
AV	39.967G	-58.17	-41.30	-16.87	6.67	-64.84	-69.52	-70.07	-69.29

CSE;PK;Band:5.2G;HT20;BWch:20MHz;Nss:1,(M0-23);Nant:3;Ch:5200MHz;TN,VN



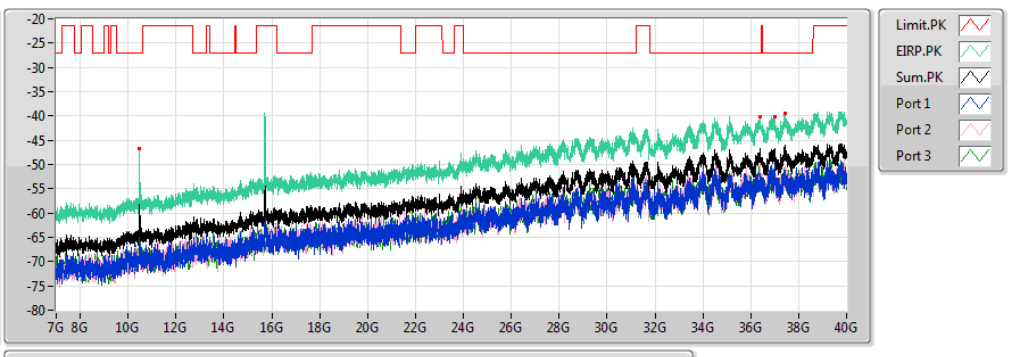
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
PK	10.399G	-39.84	-27.00	-12.84	6.67	-46.52	-55.57	-47.57	-56.88
PK	34.501375G	-40.04	-27.00	-13.04	6.67	-46.71	-50.16	-52.27	-52.40
PK	37.40125G	-39.87	-27.00	-12.87	6.67	-46.54	-53.13	-49.67	-51.86

CSE;AV;Band:5.2G;HT20;BWch:20MHz;Nss:1,(M0-23);Nant:3;Ch:5200MHz;TN,VN



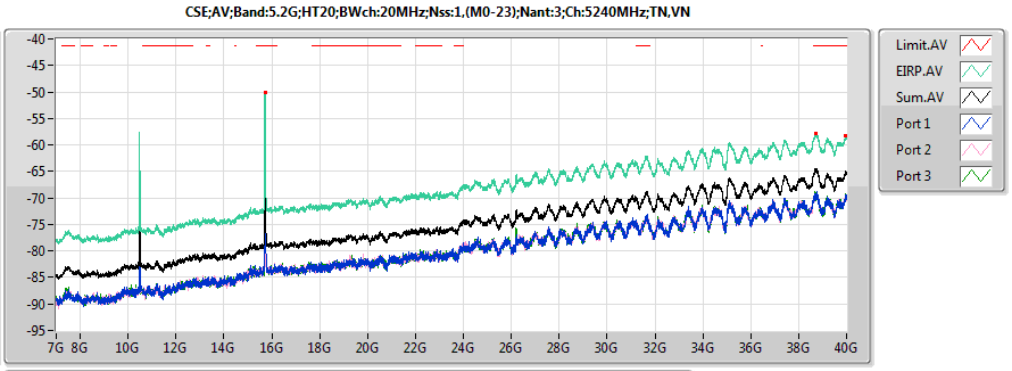
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
AV	15.600625G	-45.82	-41.30	-4.52	6.67	-52.49	-59.25	-54.53	-60.38
AV	38.67175G	-58.18	-41.30	-16.88	6.67	-64.85	-69.94	-69.44	-69.50
AV	38.750125G	-57.87	-41.30	-16.57	6.67	-64.54	-69.57	-69.10	-69.27

CSE;PK;Band:5.2G;HT20;BWch:20MHz;Nss:1,(M0-23);Nant:3;Ch:5240MHz;TN,VN



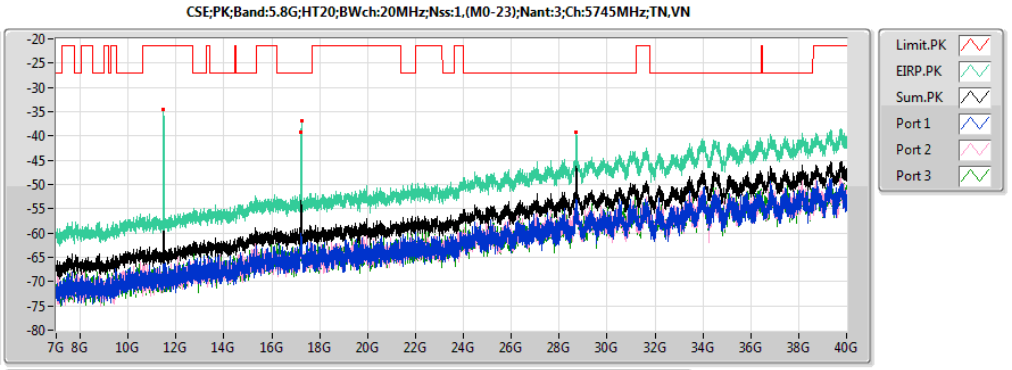
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
PK	10.477375G	-46.68	-27.00	-19.68	6.67	-53.35	-62.68	-58.24	-55.88
PK	36.3865G	-40.12	-27.00	-13.12	6.67	-46.79	-55.32	-48.72	-53.39
PK	37.00525G	-40.11	-27.00	-13.11	6.67	-46.78	-48.53	-54.39	-54.77
PK	37.430125G	-39.43	-27.00	-12.43	6.67	-46.10	-51.10	-50.42	-51.13

CSE;AV;Band:5.2G;HT20;BWch:20MHz;Nss:1,(M0-23);Nant:3;Ch:5240MHz;TN,VN



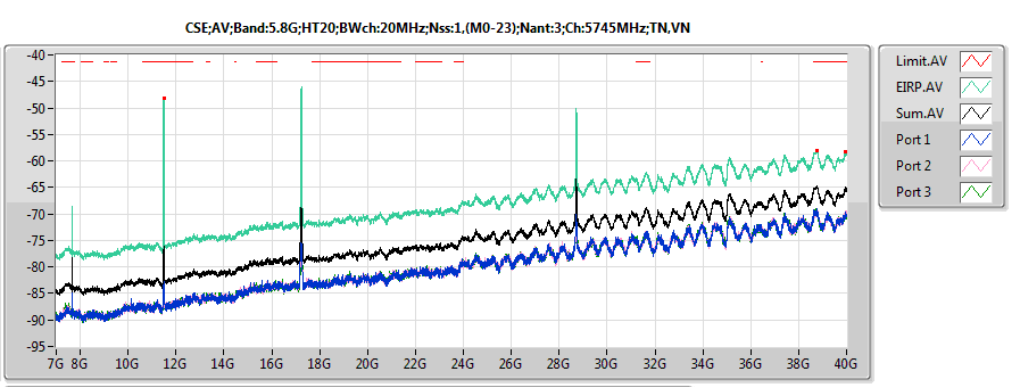
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
AV	15.72025G	-50.11	-41.30	-8.81	6.67	-56.78	-58.66	-63.72	-65.03
AV	38.700625G	-57.84	-41.30	-16.54	6.67	-64.52	-69.33	-69.56	-68.99
AV	39.967G	-58.17	-41.30	-16.87	6.67	-64.84	-69.83	-69.74	-69.29

CSE;PK;Band:5.8G;HT20;BWch:20MHz;Nss:1,(M0-23);Nant:3;Ch:5745MHz;TN,VN



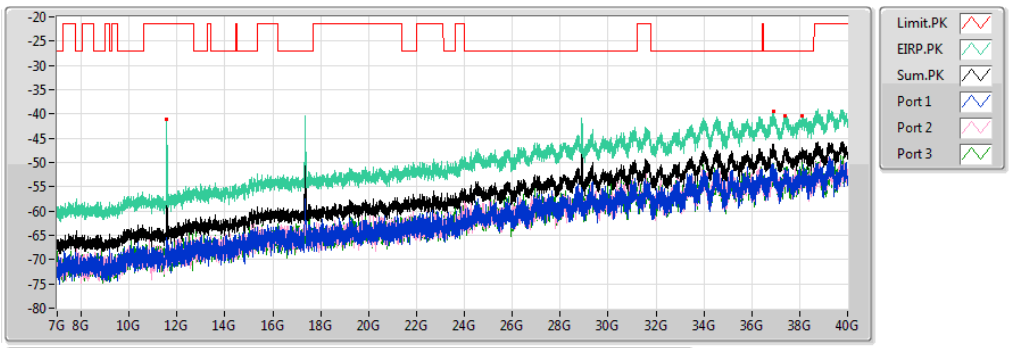
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
PK	11.483875G	-34.56	-21.30	-13.26	6.67	-41.24	-45.59	-43.38	-57.49
PK	17.225875G	-39.20	-27.00	-12.20	6.67	-45.87	-51.13	-52.23	-49.14
PK	17.242375G	-36.94	-27.00	-9.94	6.67	-43.61	-50.62	-45.59	-51.35
PK	28.718125G	-39.24	-27.00	-12.24	6.67	-45.91	-50.52	-50.06	-51.62

CSE;AV;Band:5.8G;HT20;BWch:20MHz;Nss:1,(M0-23);Nant:3;Ch:5745MHz;TN,VN



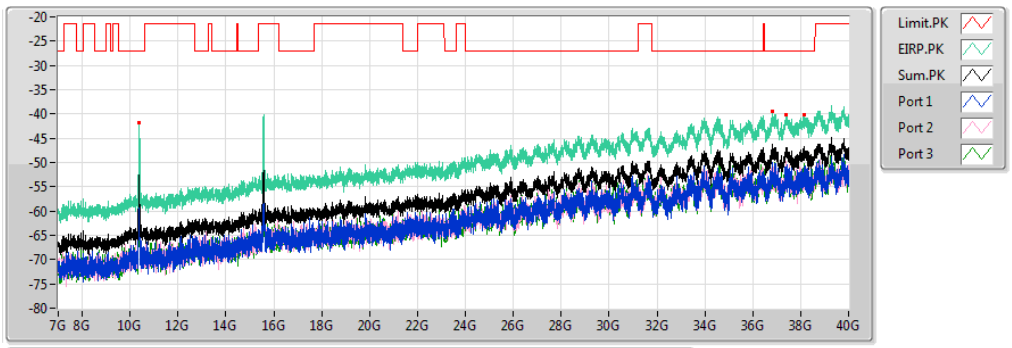
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
AV	11.488G	-48.15	-41.30	-6.85	6.67	-54.83	-58.69	-58.05	-64.29
AV	38.746G	-58.01	-41.30	-16.71	6.67	-64.68	-69.42	-69.59	-69.34
AV	39.962875G	-58.32	-41.30	-17.02	6.67	-64.99	-69.91	-69.36	-70.03

CSE;PK;Band:5.8G;HT20;BWch:20MHz;Nss:1,(M0-23);Nant:3;Ch:5785MHz;TN,VN



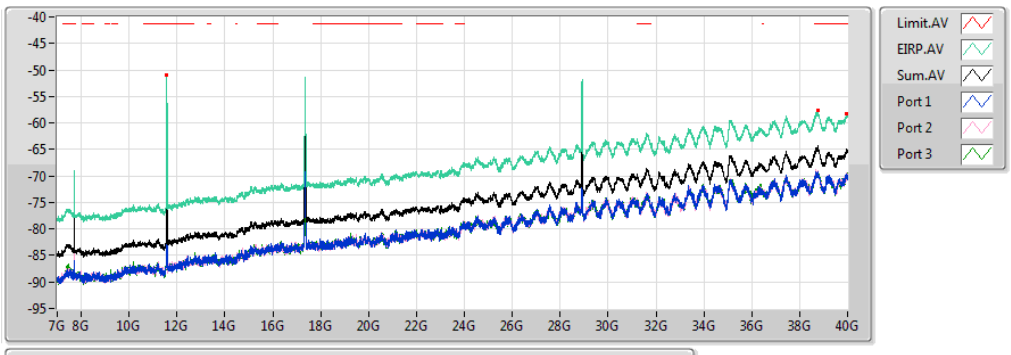
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
PK	11.56225G	-41.21	-21.30	-19.91	6.67	-47.88	-52.44	-50.39	-58.45
PK	36.92275G	-39.54	-27.00	-12.54	6.67	-46.21	-52.05	-50.92	-50.17
PK	37.3765G	-40.31	-27.00	-13.31	6.67	-46.98	-51.15	-52.24	-51.93
PK	38.106625G	-40.36	-27.00	-13.36	6.67	-47.04	-53.08	-54.14	-49.58

CSE;PK;Band:5.2G;HT40;BWch:40MHz;Nss:1,(M0-23);Nant:3;Ch:5190MHz;TN,VN



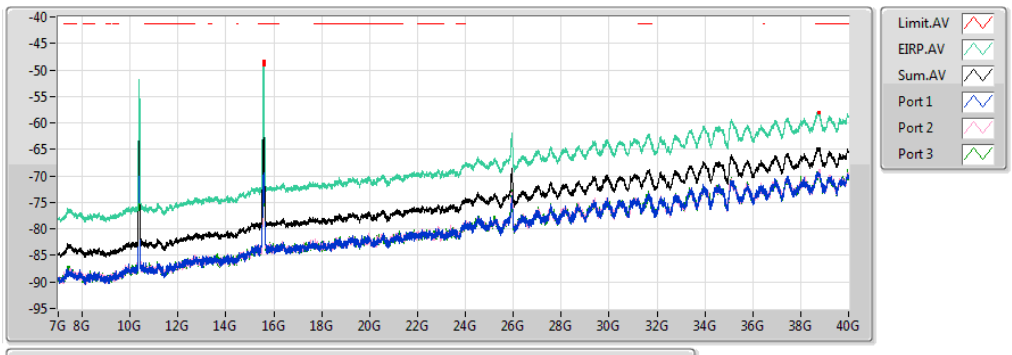
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
PK	10.3825G	-41.78	-27.00	-14.78	6.67	-48.45	-58.93	-49.32	-58.81
PK	36.84025G	-39.56	-27.00	-12.56	6.67	-46.23	-49.92	-52.64	-50.87
PK	37.4095G	-40.22	-27.00	-13.22	6.67	-46.90	-55.50	-49.65	-51.69
PK	38.12725G	-40.13	-27.00	-13.13	6.67	-46.81	-51.79	-53.33	-50.18

CSE;AV;Band:5.8G;HT20;BWch:20MHz;Nss:1,(M0-23);Nant:3;Ch:5785MHz;TN,VN



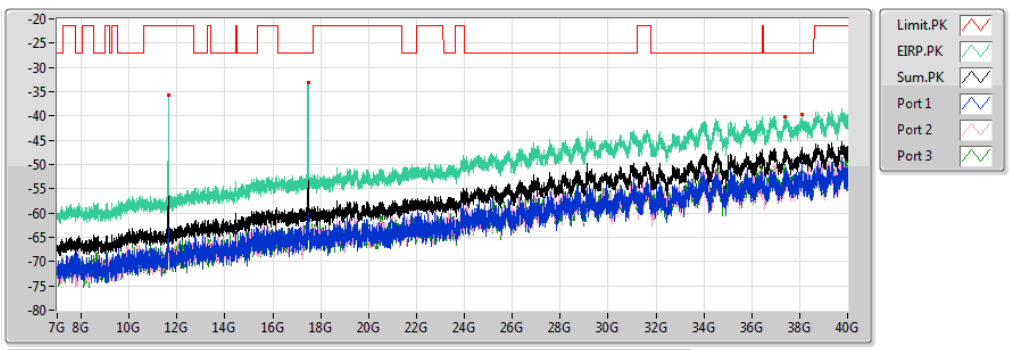
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
AV	11.566375G	-51.02	-41.30	-9.72	6.67	-57.69	-62.25	-60.49	-66.71
AV	38.7625G	-57.63	-41.30	-16.33	6.67	-64.30	-69.23	-68.99	-69.00
AV	39.967G	-58.19	-41.30	-16.89	6.67	-64.86	-69.63	-69.80	-69.47

CSE;AV;Band:5.2G;HT40;BWch:40MHz;Nss:1,(M0-23);Nant:3;Ch:5190MHz;TN,VN



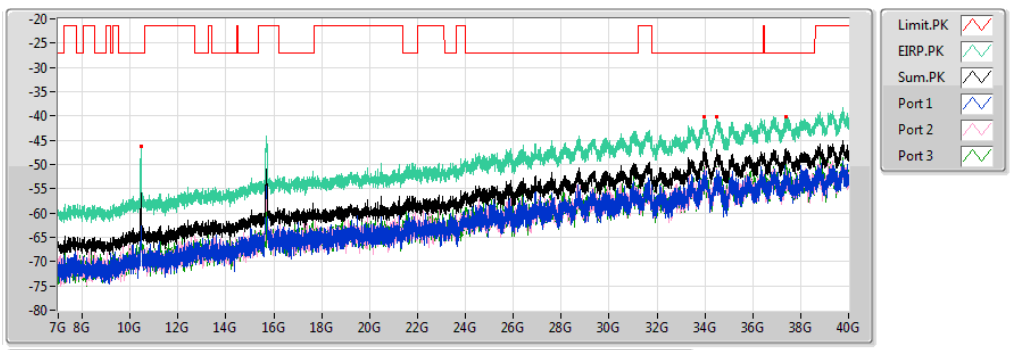
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
AV	15.57175G	-49.09	-41.30	-7.79	6.67	-55.76	-72.78	-59.59	-58.23
AV	15.58G	-48.43	-41.30	-7.13	6.67	-55.10	-68.61	-59.19	-57.58
AV	38.746G	-58.05	-41.30	-16.75	6.67	-64.73	-69.68	-68.76	-70.17

CSE;PK;Band:5.8G;HT20;BWch:20MHz;Nss:1,(M0-23);Nant:3;Ch:5825MHz;TN,VN



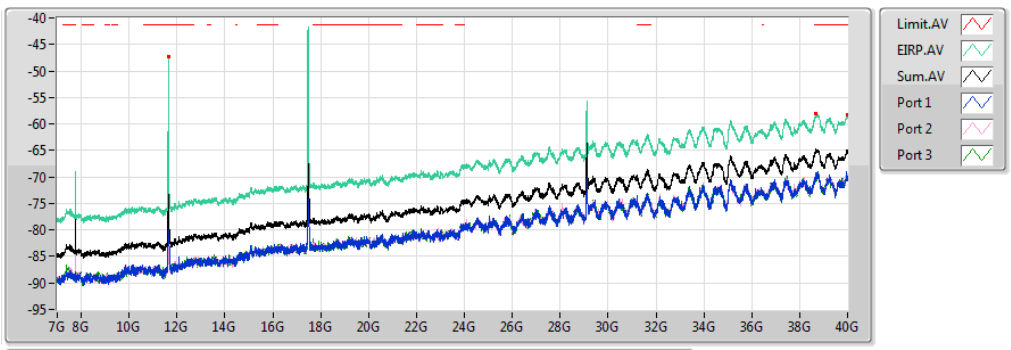
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
PK	11.657125G	-35.71	-21.30	-14.41	6.67	-42.38	-45.31	-47.33	-50.03
PK	17.4775G	-33.11	-27.00	-6.11	6.67	-39.78	-44.03	-45.77	-44.08
PK	37.372375G	-40.13	-27.00	-13.13	6.67	-46.80	-51.93	-53.40	-50.05
PK	38.07775G	-39.79	-27.00	-12.79	6.67	-46.46	-49.60	-51.60	-53.30

CSE;PK;Band:5.2G;HT40;BWch:40MHz;Nss:1,(M0-23);Nant:3;Ch:5230MHz;TN,VN



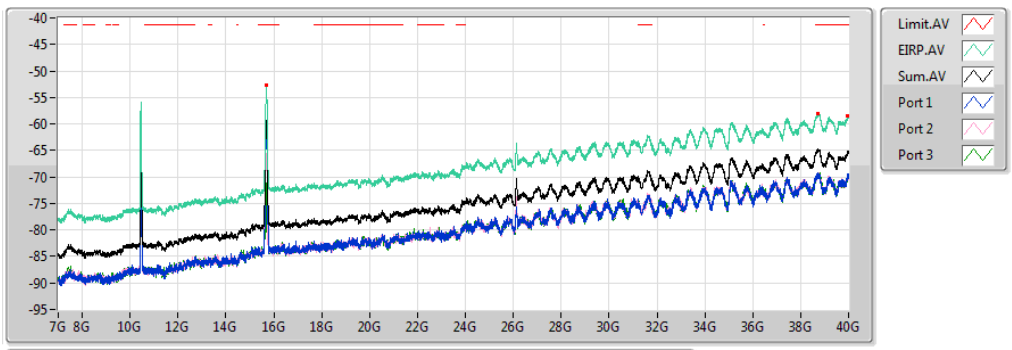
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
PK	10.45675G	-46.16	-27.00	-19.16	6.67	-52.83	-58.75	-57.77	-56.56
PK	33.981625G	-40.13	-27.00	-13.13	6.67	-46.80	-51.34	-53.19	-50.58
PK	34.489G	-40.22	-27.00	-13.22	6.67	-46.89	-51.06	-51.14	-53.05
PK	37.40125G	-40.16	-27.00	-13.16	6.67	-46.83	-53.98	-52.08	-49.77

CSE;AV;Band:5.8G;HT20;BWch:20MHz;Nss:1,(M0-23);Nant:3;Ch:5825MHz;TN,VN



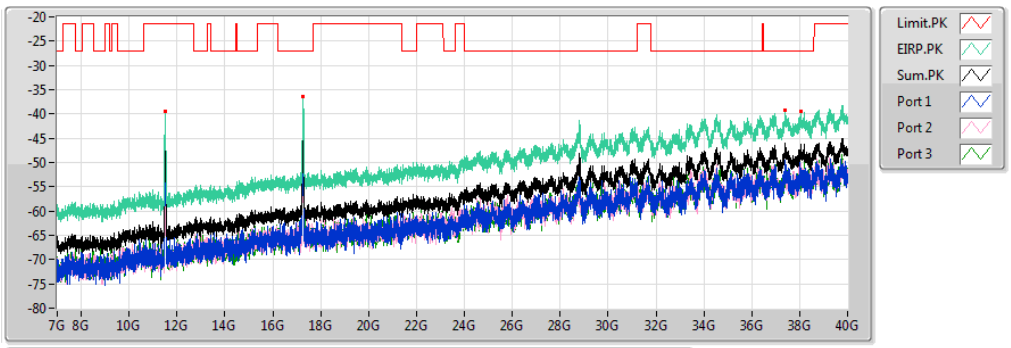
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
AV	11.648875G	-47.23	-41.30	-5.93	6.67	-53.90	-56.93	-57.91	-63.75
AV	38.659375G	-58.06	-41.30	-16.76	6.67	-64.73	-69.55	-69.35	-69.62
AV	39.9835G	-58.18	-41.30	-16.88	6.67	-64.85	-69.87	-69.41	-69.60

CSE;AV;Band:5.2G;HT40;BWch:40MHz;Nss:1,(M0-23);Nant:3;Ch:5230MHz;TN,VN



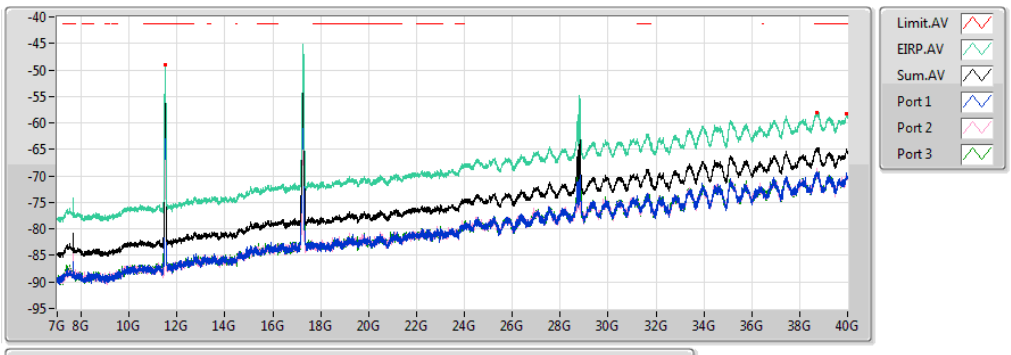
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
AV	15.70375G	-52.67	-41.30	-11.37	6.67	-59.34	-60.69	-66.31	-71.09
AV	38.6965G	-58.13	-41.30	-16.83	6.67	-64.80	-69.32	-69.60	-69.80
AV	39.94225G	-58.38	-41.30	-17.08	6.67	-65.05	-69.47	-70.65	-69.46

CSE;PK;Band:5.8G;HT40;BWch:40MHz;Nss:1,(M0-23);Nant:3;Ch:5755MHz;TN,VN



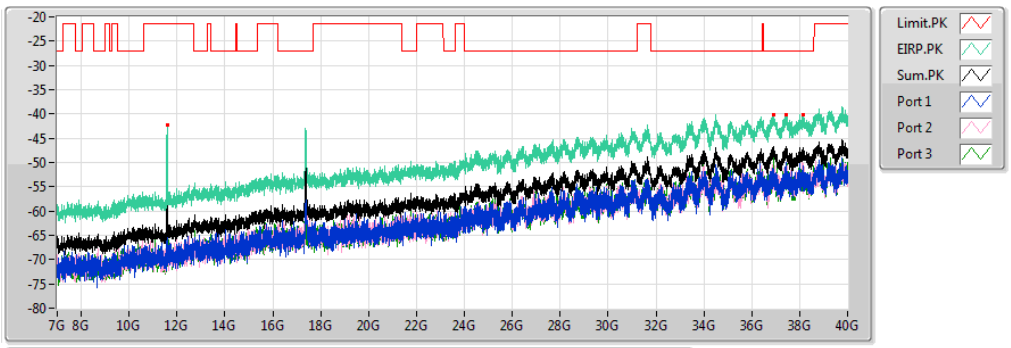
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
PK	11.51275G	-39.48	-21.30	-18.18	6.67	-46.15	-51.61	-56.99	-48.14
PK	17.258875G	-36.33	-27.00	-9.33	6.67	-43.00	-50.64	-53.92	-44.26
PK	37.397125G	-39.31	-27.00	-12.31	6.67	-45.98	-50.60	-49.41	-52.92
PK	38.048875G	-39.57	-27.00	-12.57	6.67	-46.24	-53.15	-50.29	-50.19

CSE;AV;Band:5.8G;HT40;BWch:40MHz;Nss:1,(M0-23);Nant:3;Ch:5755MHz;TN,VN



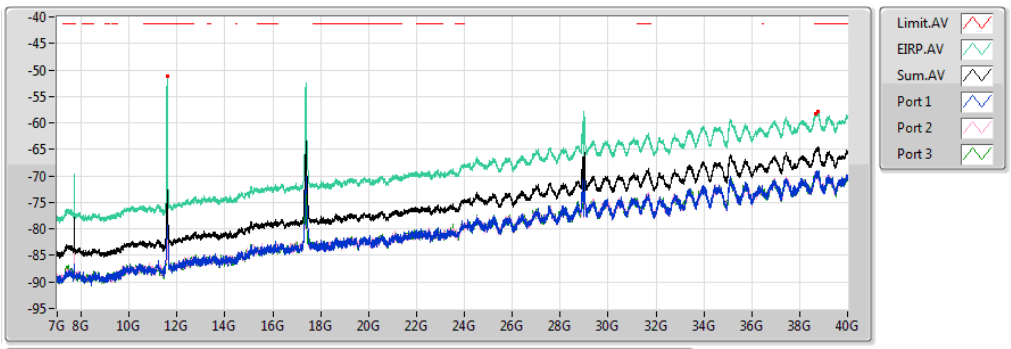
Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
AV	11.508625G	-49.07	-41.30	-7.77	6.67	-55.74	-60.01	-64.44	-58.83
AV	38.713G	-57.98	-41.30	-16.68	6.67	-64.66	-69.91	-68.59	-69.92
AV	39.95875G	-58.29	-41.30	-16.99	6.67	-64.96	-70.30	-69.64	-69.33

CSE;PK;Band:5.8G;HT40;BWch:40MHz;Nss:1,(M0-23);Nant:3;Ch:5795MHz;TN,VN



Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
PK	11.587G	-42.33	-21.30	-21.03	6.67	-49.00	-52.11	-52.93	-58.71
PK	36.918625G	-40.11	-27.00	-13.11	6.67	-46.78	-53.56	-54.12	-48.96
PK	37.41775G	-40.11	-27.00	-13.11	6.67	-46.78	-51.92	-51.42	-51.33
PK	38.12725G	-40.23	-27.00	-13.23	6.67	-46.90	-51.18	-50.25	-54.72

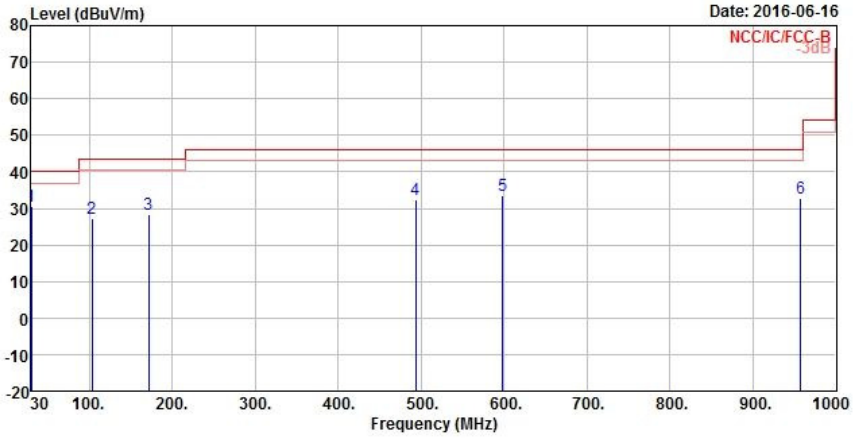
CSE;AV;Band:5.8G;HT40;BWch:40MHz;Nss:1,(M0-23);Nant:3;Ch:5795MHz;TN,VN



Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
AV	11.587G	-51.15	-41.30	-9.85	6.67	-57.82	-61.21	-61.29	-68.16
AV	38.675875G	-58.23	-41.30	-16.93	6.67	-64.90	-69.20	-69.86	-69.99
AV	38.750125G	-57.88	-41.30	-16.58	6.67	-64.55	-69.26	-69.13	-69.58

Transmitter Radiated Unwanted Emissions (Below 1GHz)

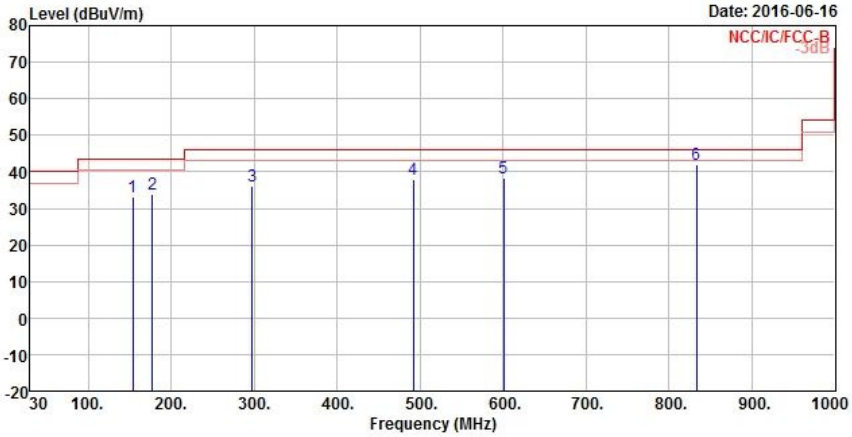
Transmitter Radiated Unwanted Emissions (Below 1GHz)			
Operating Mode	1	**Polarization**	V
Operating Function	Transmit Mode		



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	30.000	30.54	-9.46	40.00	31.69	25.62	0.78	27.55	Peak
2	103.720	27.38	-16.12	43.50	35.43	17.74	1.58	27.37	Peak
3	171.620	28.43	-15.07	43.50	37.52	15.89	2.07	27.05	Peak
4	493.660	32.43	-13.57	46.00	32.92	23.70	3.54	27.73	Peak
5	598.420	33.54	-12.46	46.00	32.67	24.83	4.06	28.02	QP
6	957.320	32.60	-13.40	46.00	26.80	27.98	5.19	27.37	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical).
Note 4: No level of unwanted emissions exceeds the level of the fundamental emission.

Transmitter Radiated Unwanted Emissions (Below 1GHz)			
Operating Mode	1	**Polarization**	H
Operating Function	Transmit Mode		

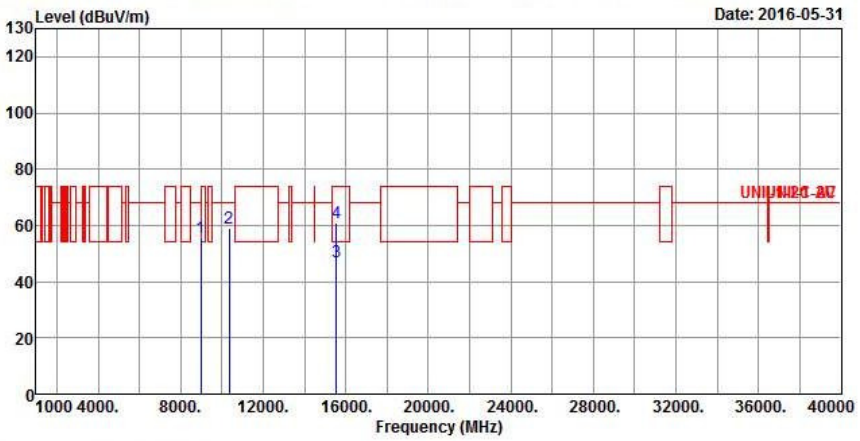


	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	154.160	33.13	-10.37	43.50	41.61	16.72	1.94	27.14	Peak
2	177.440	33.69	-9.81	43.50	42.94	15.67	2.11	27.03	Peak
3	297.720	35.91	-10.09	46.00	40.29	19.73	2.60	26.71	Peak
4	491.720	37.91	-8.09	46.00	38.43	23.66	3.53	27.71	Peak
5	600.360	38.42	-7.58	46.00	37.53	24.84	4.07	28.02	Peak
6	833.160	42.08	-3.92	46.00	38.15	26.97	4.65	27.69	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical).
Note 4: No level of unwanted emissions exceeds the level of the fundamental emission.

Transmitter Radiated Unwanted Emissions (Above 1GHz) for 5150-5250MHz

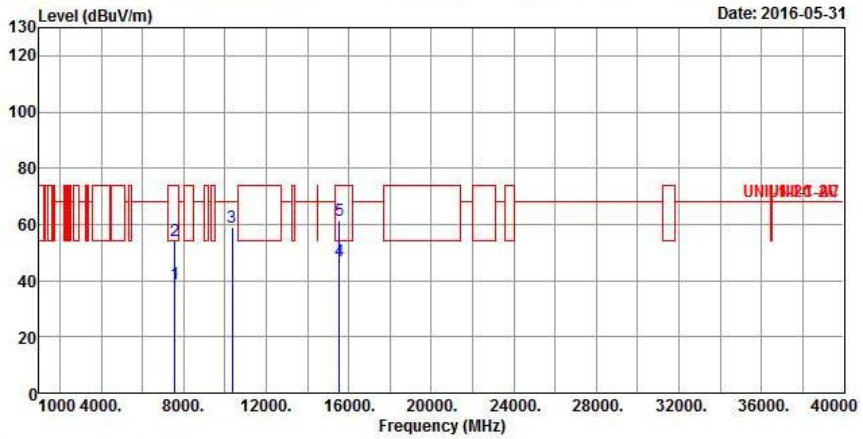
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11a	**Test Freq. (MHz)**	5180
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8990.000	55.58	-12.62	68.20	43.36	37.29	8.03	33.10	Peak
2	10360.000	59.12	-9.08	68.20	44.31	39.23	8.47	32.89	Peak
3	15540.000	47.13	-6.87	54.00	30.76	38.30	10.41	32.34	Average
4	15540.000	60.97	-13.03	74.00	44.60	38.30	10.41	32.34	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

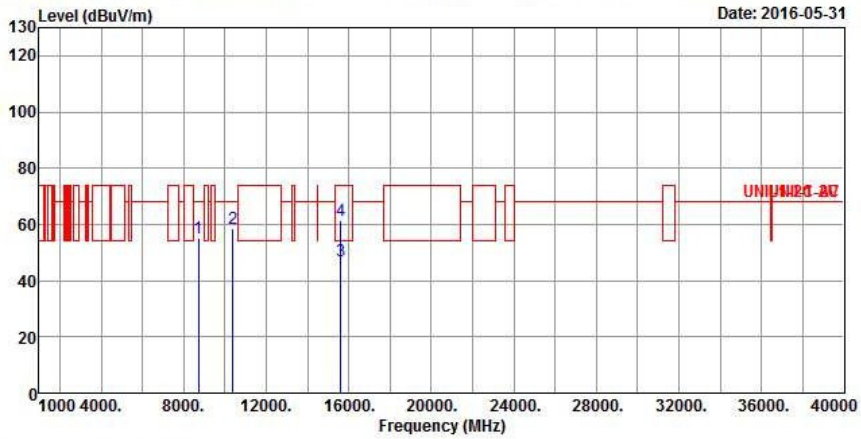
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11a	**Test Freq. (MHz)**	5180
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7572.000	38.79	-15.21	54.00	28.11	36.42	7.13	32.87	Average
2	7572.000	54.19	-19.81	74.00	43.51	36.42	7.13	32.87	Peak
3	10360.000	58.83	-9.37	68.20	44.02	39.23	8.47	32.89	Peak
4	15540.000	47.15	-6.85	54.00	30.78	38.30	10.41	32.34	Average
5	15540.000	61.60	-12.40	74.00	45.23	38.30	10.41	32.34	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

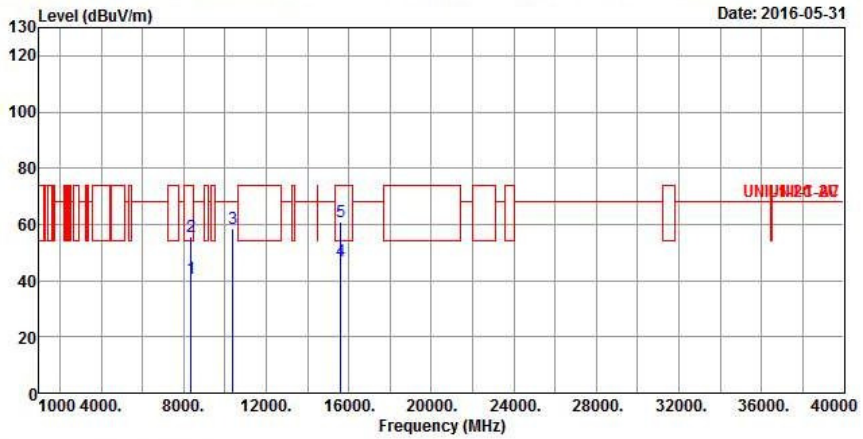
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11a	**Test Freq. (MHz)**	5200
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8714.000	55.32	-12.88	68.20	43.55	36.96	7.83	33.02	Peak
2	10400.000	58.71	-9.49	68.20	43.79	39.28	8.49	32.85	Peak
3	15600.000	46.94	-7.06	54.00	30.62	38.16	10.52	32.36	Average
4	15600.000	61.47	-12.53	74.00	45.15	38.16	10.52	32.36	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

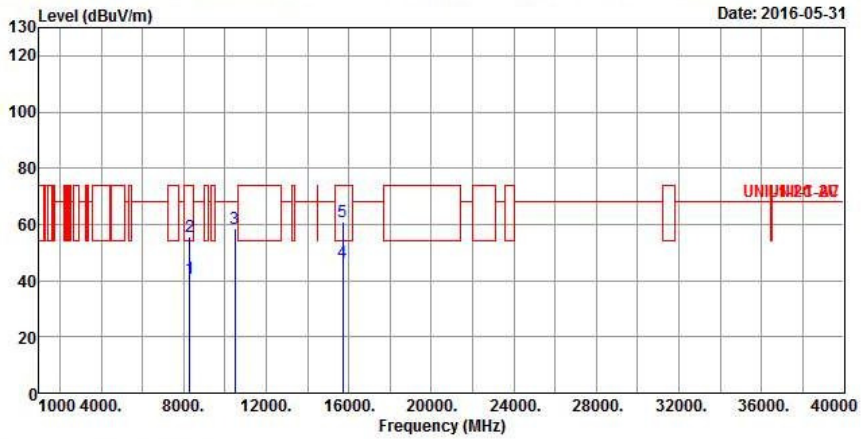
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11a	**Test Freq. (MHz)**	5200
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8375.000	40.72	-13.28	54.00	29.13	36.80	7.73	32.94	Average
2	8375.000	55.70	-18.30	74.00	44.11	36.80	7.73	32.94	Peak
3	10400.000	58.65	-9.55	68.20	43.73	39.28	8.49	32.85	Peak
4	15600.000	46.96	-7.04	54.00	30.64	38.16	10.52	32.36	Average
5	15600.000	60.98	-13.02	74.00	44.66	38.16	10.52	32.36	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

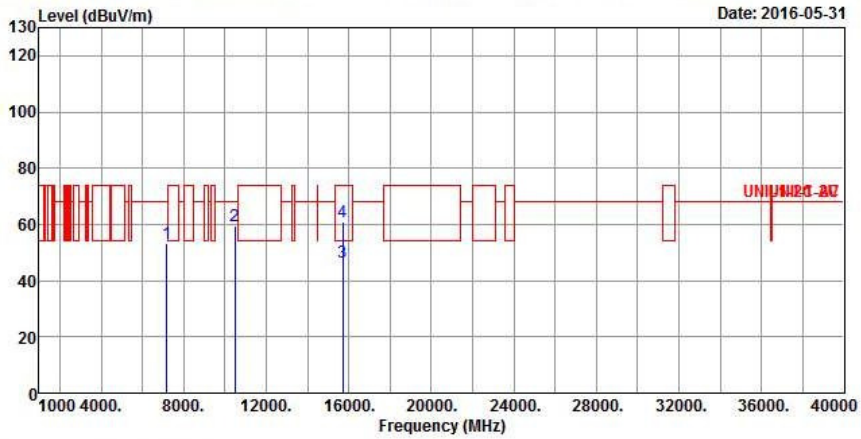
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11a	**Test Freq. (MHz)**	5240
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8291.000	40.89	-13.11	54.00	29.30	36.87	7.66	32.94	Average
2	8291.000	55.42	-18.58	74.00	43.83	36.87	7.66	32.94	Peak
3	10480.000	58.51	-9.69	68.20	43.36	39.38	8.55	32.78	Peak
4	15720.000	46.70	-7.30	54.00	30.47	37.87	10.75	32.39	Average
5	15720.000	61.03	-12.97	74.00	44.80	37.87	10.75	32.39	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

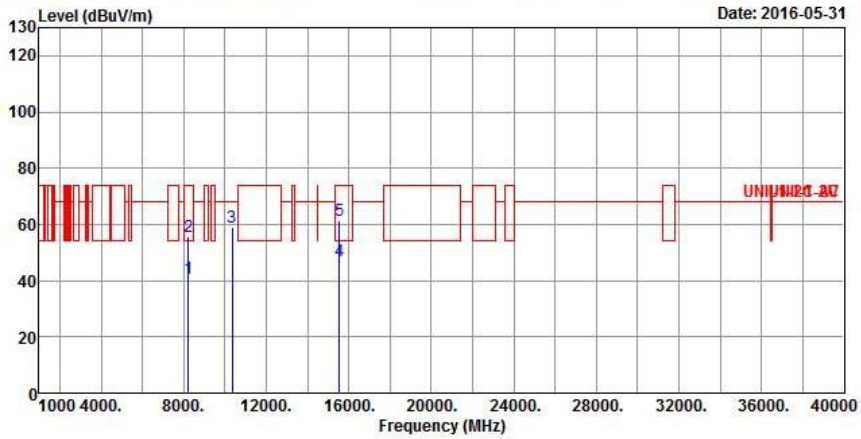
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11a	**Test Freq. (MHz)**	5240
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7181.000	53.46	-14.74	68.20	43.64	35.53	7.05	32.76	Peak
2	10480.000	59.63	-8.57	68.20	44.48	39.38	8.55	32.78	Peak
3	15720.000	46.61	-7.39	54.00	30.38	37.87	10.75	32.39	Average
4	15720.000	61.09	-12.91	74.00	44.86	37.87	10.75	32.39	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

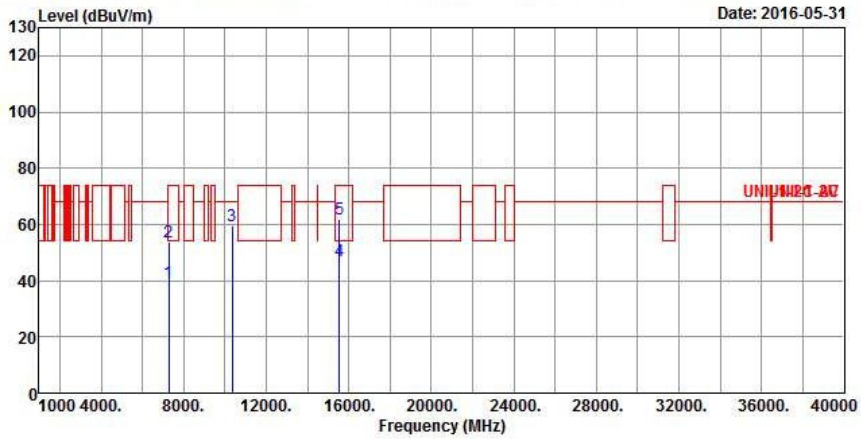
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT20	**Test Freq. (MHz)**	5180
N_{TX}	3	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8247.000	40.90	-13.10	54.00	29.31	36.90	7.63	32.94	Average
2	8247.000	55.72	-18.28	74.00	44.13	36.90	7.63	32.94	Peak
3	10360.000	59.05	-9.15	68.20	44.24	39.23	8.47	32.89	Peak
4	15540.000	47.04	-6.96	54.00	30.67	38.30	10.41	32.34	Average
5	15540.000	61.45	-12.55	74.00	45.08	38.30	10.41	32.34	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

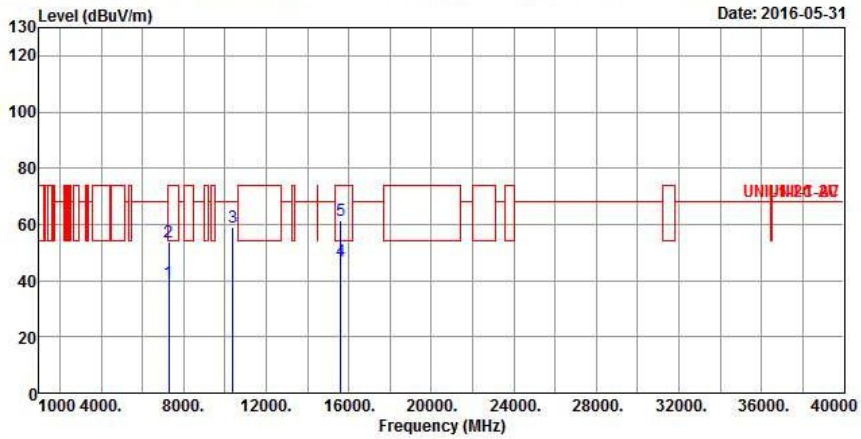
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT20	**Test Freq. (MHz)**	5180
N_{TX}	3	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7281.000	39.37	-14.63	54.00	29.36	35.77	7.03	32.79	Average
2	7281.000	53.84	-20.16	74.00	43.83	35.77	7.03	32.79	Peak
3	10360.000	59.35	-8.85	68.20	44.54	39.23	8.47	32.89	Peak
4	15540.000	47.03	-6.97	54.00	30.66	38.30	10.41	32.34	Average
5	15540.000	61.87	-12.13	74.00	45.50	38.30	10.41	32.34	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

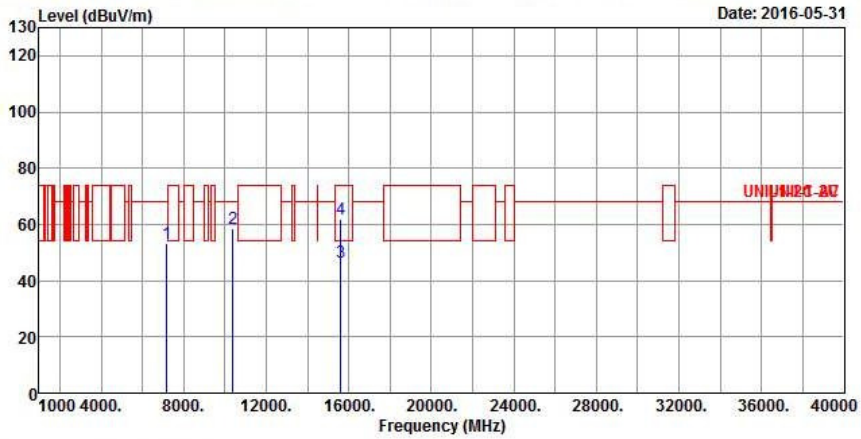
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT20	**Test Freq. (MHz)**	5200
N_{TX}	3	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7281.000	39.30	-14.70	54.00	29.29	35.77	7.03	32.79	Average
2	7281.000	53.63	-20.37	74.00	43.62	35.77	7.03	32.79	Peak
3	10400.000	58.97	-9.23	68.20	44.05	39.28	8.49	32.85	Peak
4	15600.000	46.85	-7.15	54.00	30.53	38.16	10.52	32.36	Average
5	15600.000	61.50	-12.50	74.00	45.18	38.16	10.52	32.36	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

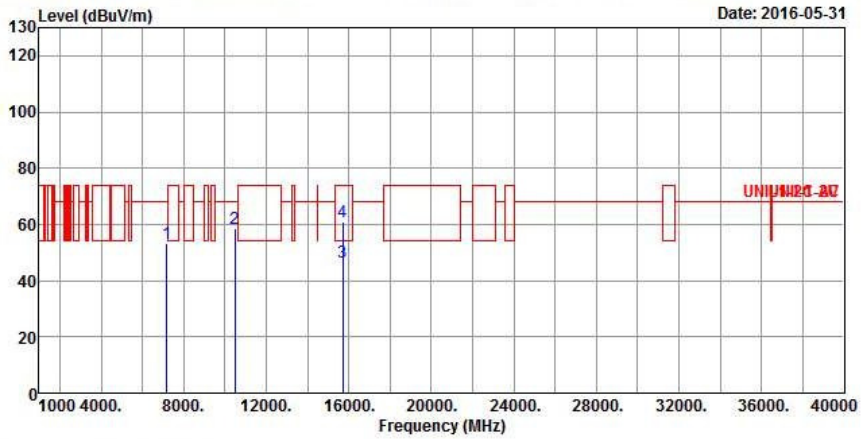
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT20	**Test Freq. (MHz)**	5200
N_{TX}	3	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7177.000	53.03	-15.17	68.20	43.22	35.52	7.05	32.76	Peak
2	10400.000	58.66	-9.54	68.20	43.74	39.28	8.49	32.85	Peak
3	15600.000	46.76	-7.24	54.00	30.44	38.16	10.52	32.36	Average
4	15600.000	62.02	-11.98	74.00	45.70	38.16	10.52	32.36	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

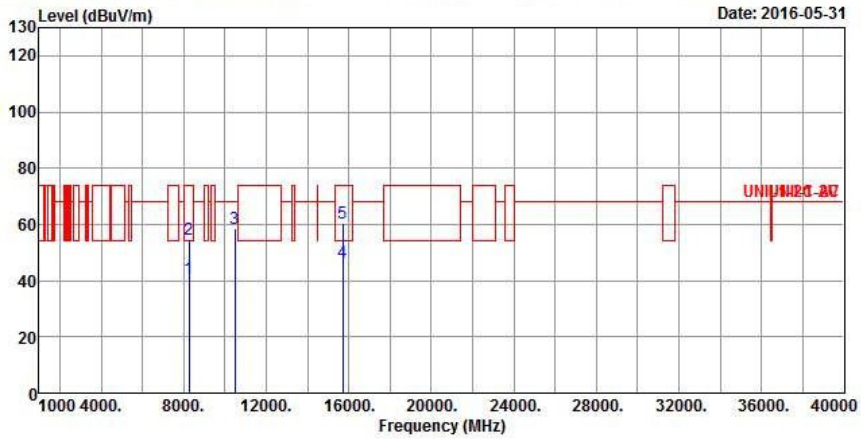
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT20	**Test Freq. (MHz)**	5240
N_{TX}	3	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7177.000	53.18	-15.02	68.20	43.37	35.52	7.05	32.76	Peak
2	10480.000	58.65	-9.55	68.20	43.50	39.38	8.55	32.78	Peak
3	15720.000	46.49	-7.51	54.00	30.26	37.87	10.75	32.39	Average
4	15720.000	60.79	-13.21	74.00	44.56	37.87	10.75	32.39	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

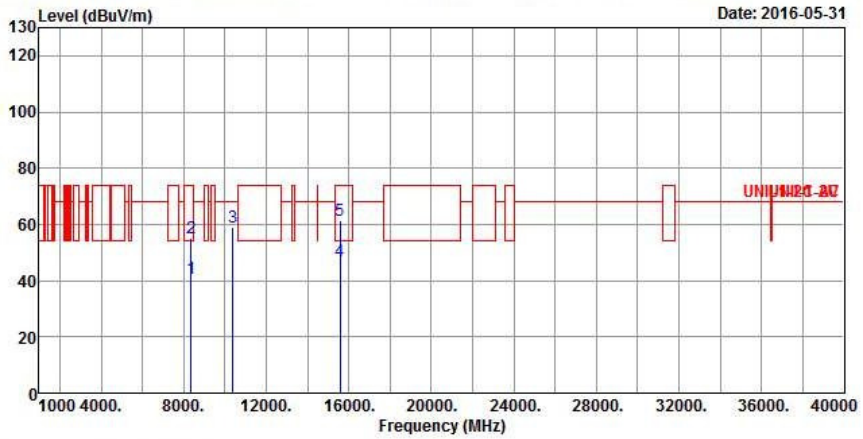
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT20	**Test Freq. (MHz)**	5240
N_{TX}	3	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8259.000	40.82	-13.18	54.00	29.23	36.89	7.64	32.94	Average
2	8259.000	54.90	-19.10	74.00	43.31	36.89	7.64	32.94	Peak
3	10480.000	58.34	-9.86	68.20	43.19	39.38	8.55	32.78	Peak
4	15720.000	46.55	-7.45	54.00	30.32	37.87	10.75	32.39	Average
5	15720.000	60.51	-13.49	74.00	44.28	37.87	10.75	32.39	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

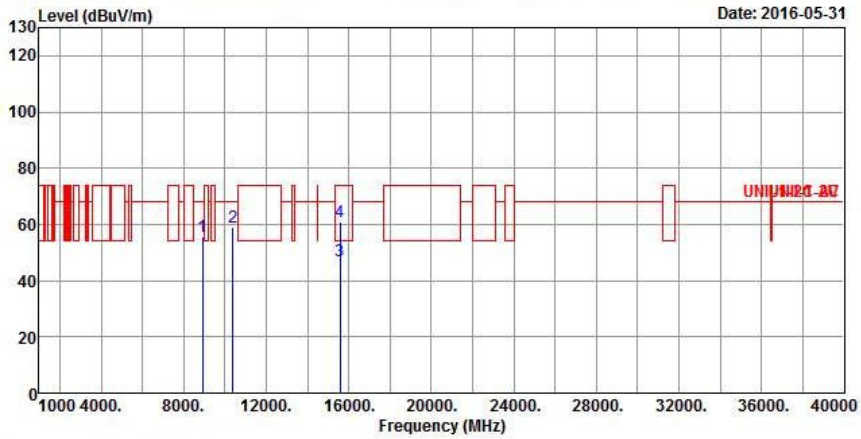
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT40	**Test Freq. (MHz)**	5190
N_{TX}	3	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8375.000	40.58	-13.42	54.00	28.99	36.80	7.73	32.94	Average
2	8375.000	54.96	-19.04	74.00	43.37	36.80	7.73	32.94	Peak
3	10380.000	59.20	-9.00	68.20	44.33	39.26	8.48	32.87	Peak
4	15570.000	46.82	-7.18	54.00	30.48	38.23	10.46	32.35	Average
5	15570.000	61.40	-12.60	74.00	45.06	38.23	10.46	32.35	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

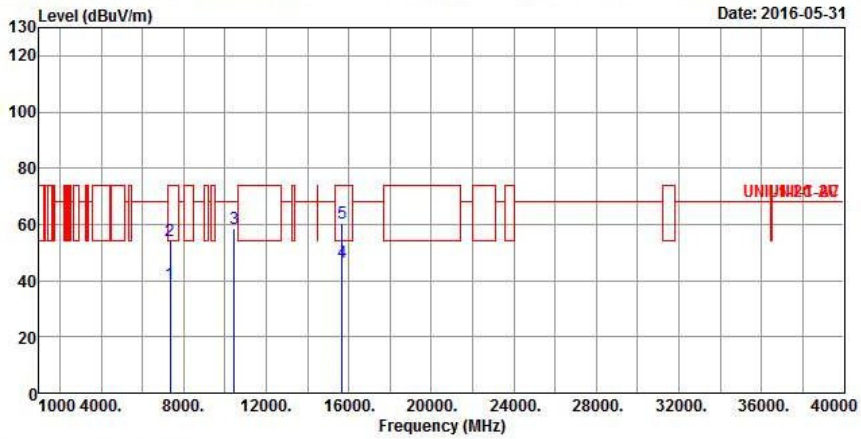
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT40	**Test Freq. (MHz)**	5190
N_{TX}	3	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8930.000	55.84	-12.36	68.20	43.71	37.22	7.99	33.08	Peak
2	10380.000	59.01	-9.19	68.20	44.14	39.26	8.48	32.87	Peak
3	15570.000	46.81	-7.19	54.00	30.47	38.23	10.46	32.35	Average
4	15570.000	60.92	-13.08	74.00	44.58	38.23	10.46	32.35	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

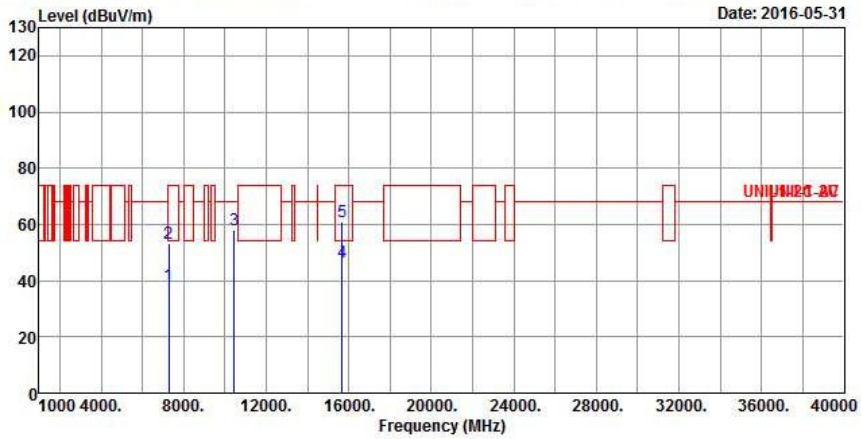
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT40	**Test Freq. (MHz)**	5230
N_{TX}	3	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7341.000	38.91	-15.09	54.00	28.78	35.92	7.02	32.81	Average
2	7341.000	54.24	-19.76	74.00	44.11	35.92	7.02	32.81	Peak
3	10460.000	58.53	-9.67	68.20	43.45	39.35	8.53	32.80	Peak
4	15690.000	46.42	-7.58	54.00	30.18	37.94	10.69	32.39	Average
5	15690.000	60.26	-13.74	74.00	44.02	37.94	10.69	32.39	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT40	**Test Freq. (MHz)**	5230
N_{TX}	3	**Polarization**	H

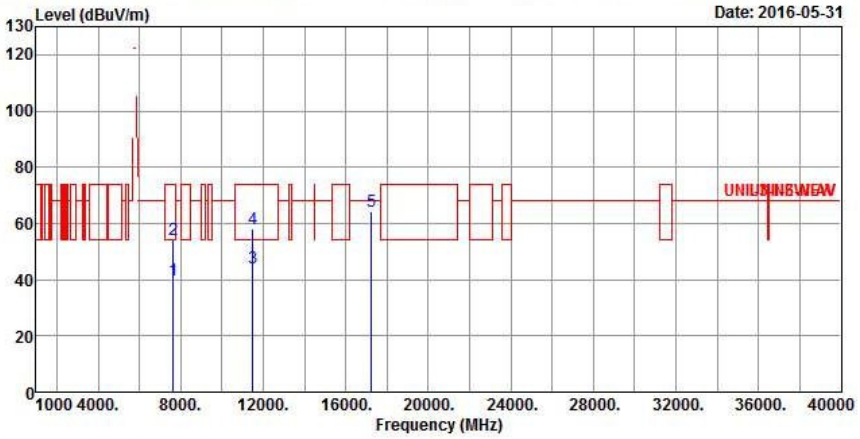


	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7273.000	38.27	-15.73	54.00	28.27	35.76	7.03	32.79	Average
2	7273.000	53.27	-20.73	74.00	43.27	35.76	7.03	32.79	Peak
3	10460.000	58.21	-9.99	68.20	43.13	39.35	8.53	32.80	Peak
4	15690.000	46.41	-7.59	54.00	30.17	37.94	10.69	32.39	Average
5	15690.000	60.76	-13.24	74.00	44.52	37.94	10.69	32.39	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

Transmitter Radiated Unwanted Emissions (Above 1GHz) for 5725-5850MHz

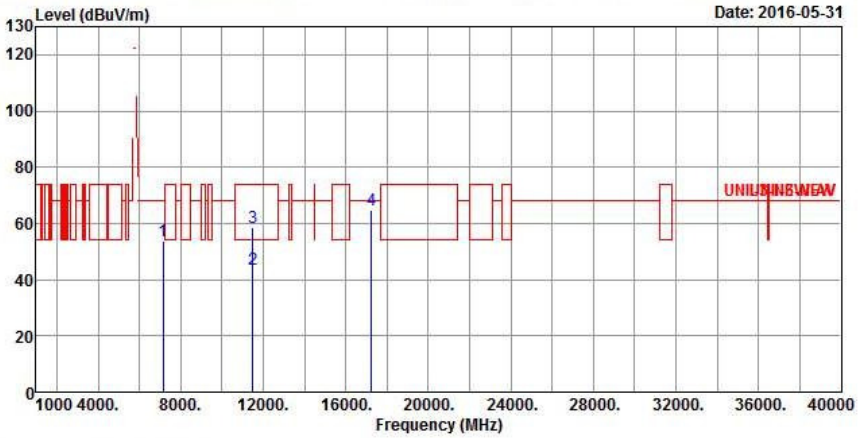
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11a	**Test Freq. (MHz)**	5745
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7636.000	40.01	-13.99	54.00	29.22	36.52	7.15	32.88	Average
2	7636.000	54.21	-19.79	74.00	43.42	36.52	7.15	32.88	Peak
3	11490.000	43.93	-10.07	54.00	27.60	40.00	8.79	32.46	Average
4	11490.000	58.14	-15.86	74.00	41.81	40.00	8.79	32.46	Peak
5	17235.000	64.08	-4.12	68.20	43.77	40.96	10.89	31.54	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

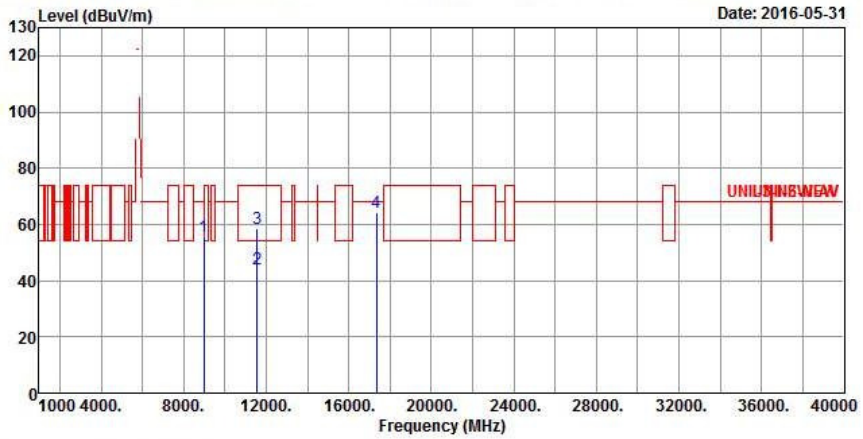
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11a	**Test Freq. (MHz)**	5745
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7141.000	53.60	-14.60	68.20	43.85	35.44	7.07	32.76	Peak
2	11490.000	43.87	-10.13	54.00	27.54	40.00	8.79	32.46	Average
3	11490.000	58.56	-15.44	74.00	42.23	40.00	8.79	32.46	Peak
4	17235.000	64.66	-3.54	68.20	44.35	40.96	10.89	31.54	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

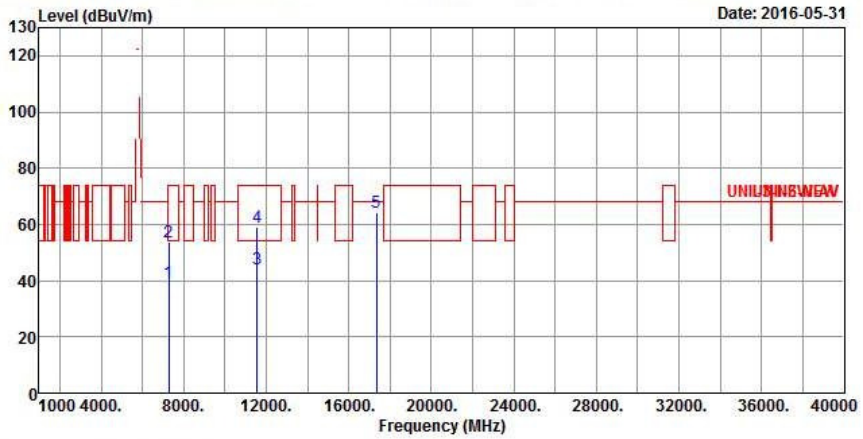
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11a	**Test Freq. (MHz)**	5785
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8998.000	55.78	-12.42	68.20	43.55	37.30	8.04	33.11	Peak
2	11570.000	44.25	-9.75	54.00	27.97	39.86	8.89	32.47	Average
3	11570.000	58.31	-15.69	74.00	42.03	39.86	8.89	32.47	Peak
4	17355.000	64.51	-3.69	68.20	43.89	41.25	10.94	31.57	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

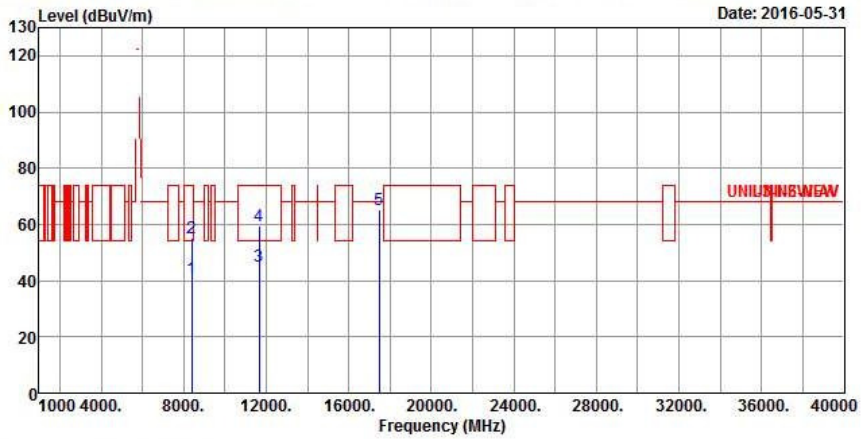
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11a	**Test Freq. (MHz)**	5785
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7281.000	39.32	-14.68	54.00	29.31	35.77	7.03	32.79	Average
2	7281.000	53.86	-20.14	74.00	43.85	35.77	7.03	32.79	Peak
3	11570.000	44.18	-9.82	54.00	27.90	39.86	8.89	32.47	Average
4	11570.000	58.95	-15.05	74.00	42.67	39.86	8.89	32.47	Peak
5	17355.000	64.35	-3.85	68.20	43.73	41.25	10.94	31.57	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

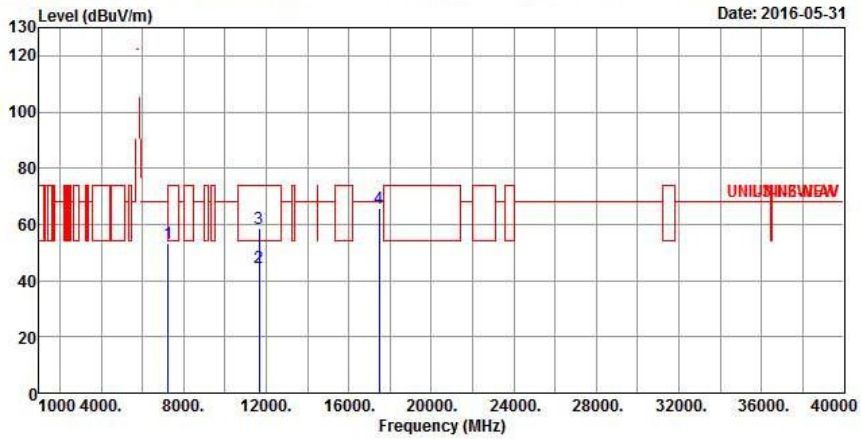
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11a	**Test Freq. (MHz)**	5825
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8399.000	40.63	-13.37	54.00	29.04	36.78	7.75	32.94	Average
2	8399.000	55.07	-18.93	74.00	43.48	36.78	7.75	32.94	Peak
3	11650.000	44.93	-9.07	54.00	28.70	39.70	9.01	32.48	Average
4	11650.000	59.52	-14.48	74.00	43.29	39.70	9.01	32.48	Peak
5	17475.000	65.25	-2.95	68.20	44.33	41.54	10.99	31.61	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

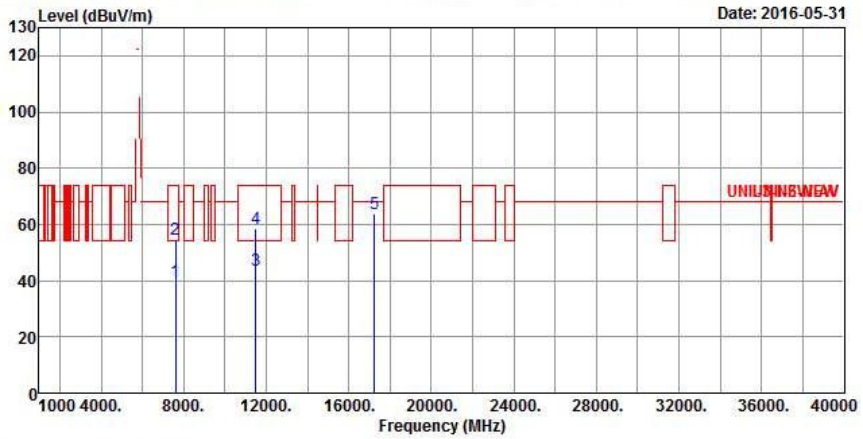
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11a	**Test Freq. (MHz)**	5825
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7248.000	53.07	-15.13	68.20	43.12	35.70	7.03	32.78	Peak
2	11650.000	44.80	-9.20	54.00	28.57	39.70	9.01	32.48	Average
3	11650.000	58.51	-15.49	74.00	42.28	39.70	9.01	32.48	Peak
4	17475.000	65.61	-2.59	68.20	44.69	41.54	10.99	31.61	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

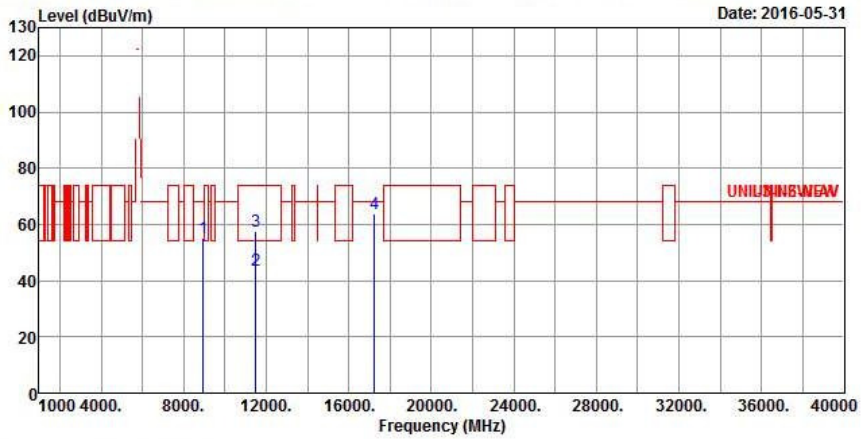
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT20	**Test Freq. (MHz)**	5745
N_{TX}	3	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7608.000	39.85	-14.15	54.00	29.11	36.47	7.15	32.88	Average
2	7608.000	54.48	-19.52	74.00	43.74	36.47	7.15	32.88	Peak
3	11490.000	43.64	-10.36	54.00	27.31	40.00	8.79	32.46	Average
4	11490.000	58.42	-15.58	74.00	42.09	40.00	8.79	32.46	Peak
5	17235.000	63.79	-4.41	68.20	43.48	40.96	10.89	31.54	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

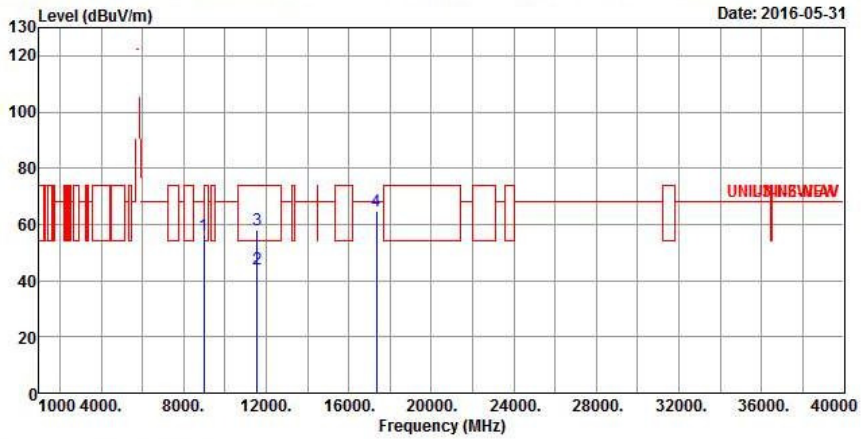
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT20	**Test Freq. (MHz)**	5745
N_{TX}	3	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8966.000	55.18	-13.02	68.20	42.99	37.26	8.02	33.09	Peak
2	11490.000	43.54	-10.46	54.00	27.21	40.00	8.79	32.46	Average
3	11490.000	57.39	-16.61	74.00	41.06	40.00	8.79	32.46	Peak
4	17235.000	63.99	-4.21	68.20	43.68	40.96	10.89	31.54	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

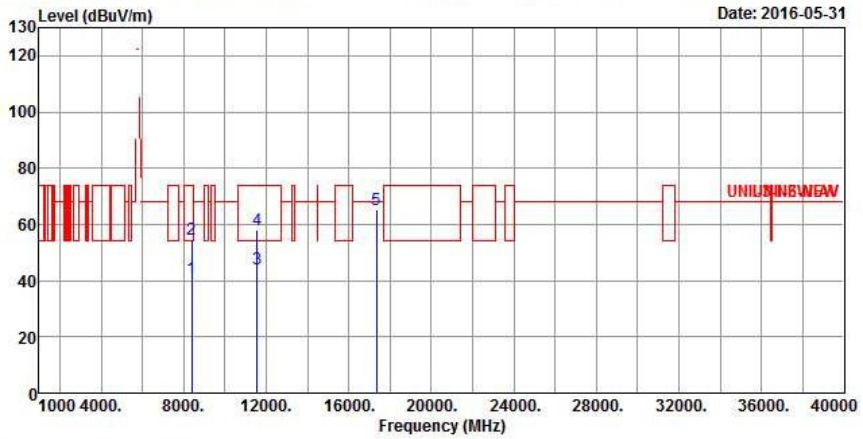
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT20	**Test Freq. (MHz)**	5785
N_{TX}	3	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8994.000	55.98	-12.22	68.20	43.75	37.29	8.04	33.10	Peak
2	11570.000	44.07	-9.93	54.00	27.79	39.86	8.89	32.47	Average
3	11570.000	58.21	-15.79	74.00	41.93	39.86	8.89	32.47	Peak
4	17355.000	64.58	-3.62	68.20	43.96	41.25	10.94	31.57	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

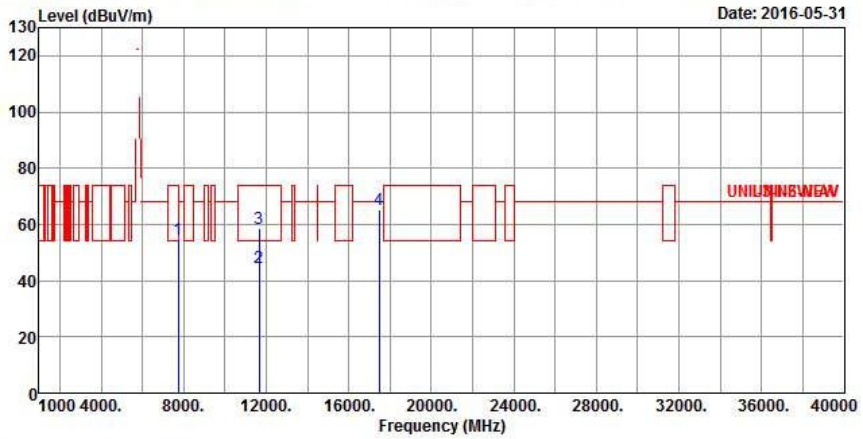
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT20	**Test Freq. (MHz)**	5785
N_{TX}	3	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8379.000	40.65	-13.35	54.00	29.06	36.80	7.73	32.94	Average
2	8379.000	54.79	-19.21	74.00	43.20	36.80	7.73	32.94	Peak
3	11570.000	44.03	-9.97	54.00	27.75	39.86	8.89	32.47	Average
4	11570.000	58.10	-15.90	74.00	41.82	39.86	8.89	32.47	Peak
5	17355.000	65.07	-3.13	68.20	44.45	41.25	10.94	31.57	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

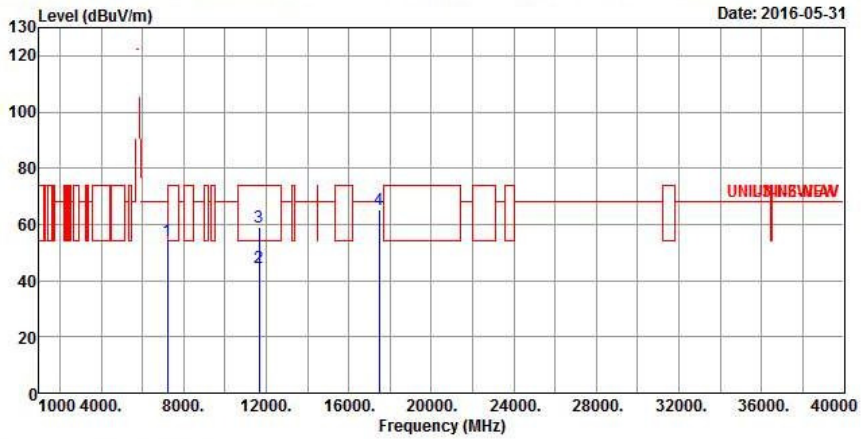
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT20	**Test Freq. (MHz)**	5825
N_{TX}	3	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7756.000	54.59	-13.61	68.20	43.65	36.71	7.13	32.90	Peak
2	11650.000	44.59	-9.41	54.00	28.36	39.70	9.01	32.48	Average
3	11650.000	58.63	-15.37	74.00	42.40	39.70	9.01	32.48	Peak
4	17475.000	65.11	-3.09	68.20	44.19	41.54	10.99	31.61	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

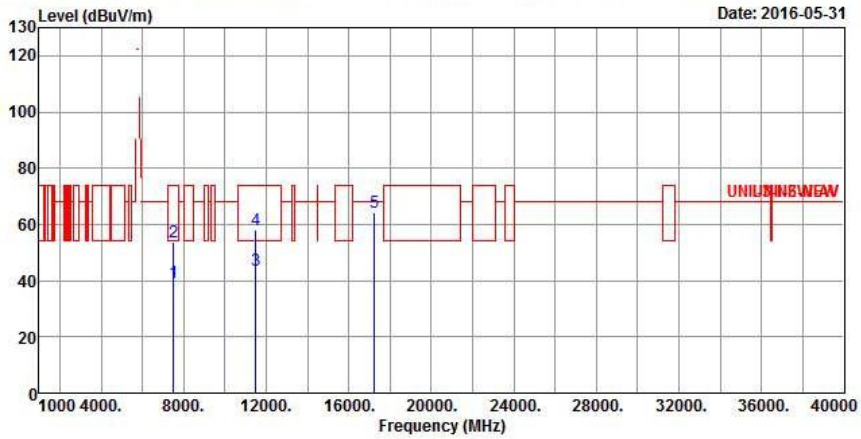
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT20	**Test Freq. (MHz)**	5825
N_{TX}	3	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7229.000	54.14	-14.06	68.20	44.23	35.65	7.04	32.78	Peak
2	11650.000	44.52	-9.48	54.00	28.29	39.70	9.01	32.48	Average
3	11650.000	59.12	-14.88	74.00	42.89	39.70	9.01	32.48	Peak
4	17475.000	65.43	-2.77	68.20	44.51	41.54	10.99	31.61	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

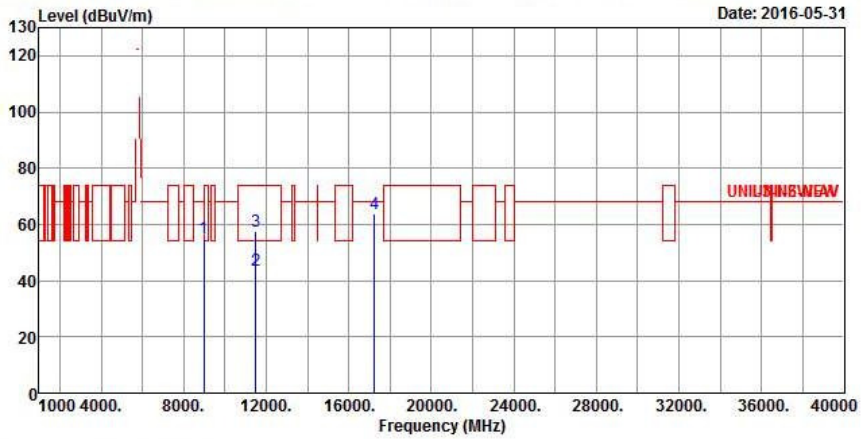
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT40	**Test Freq. (MHz)**	5755
N_{TX}	3	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7513.000	39.14	-14.86	54.00	28.59	36.32	7.09	32.86	Average
2	7513.000	53.70	-20.30	74.00	43.15	36.32	7.09	32.86	Peak
3	11510.000	43.66	-10.34	54.00	27.34	39.98	8.80	32.46	Average
4	11510.000	58.16	-15.84	74.00	41.84	39.98	8.80	32.46	Peak
5	17265.000	64.38	-3.82	68.20	43.99	41.04	10.90	31.55	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

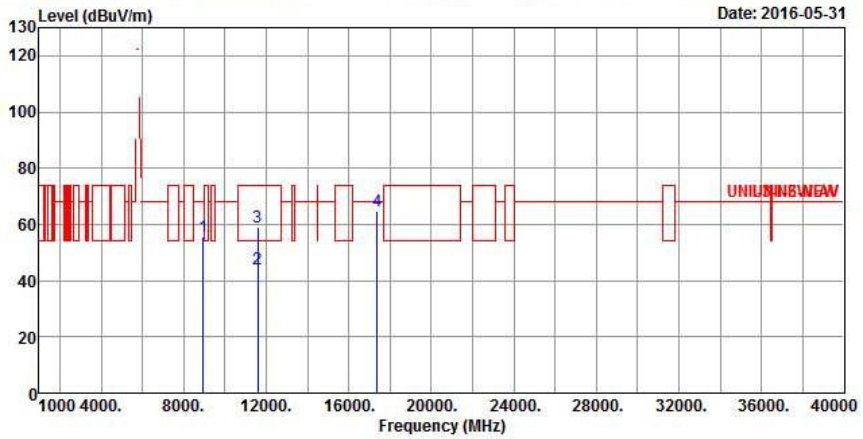
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT40	**Test Freq. (MHz)**	5755
N_{TX}	3	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8990.000	55.37	-12.83	68.20	43.15	37.29	8.03	33.10	Peak
2	11510.000	43.58	-10.42	54.00	27.26	39.98	8.80	32.46	Average
3	11510.000	57.78	-16.22	74.00	41.46	39.98	8.80	32.46	Peak
4	17265.000	63.95	-4.25	68.20	43.56	41.04	10.90	31.55	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

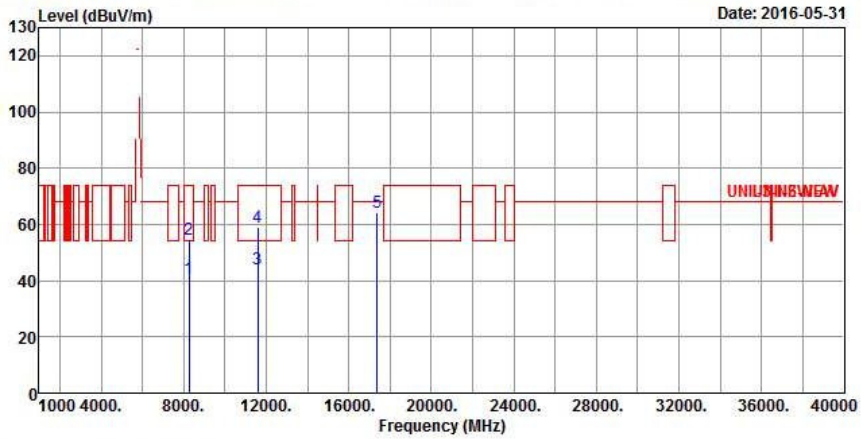
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT40	**Test Freq. (MHz)**	5795
N_{TX}	3	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8942.000	55.60	-12.60	68.20	43.45	37.23	8.00	33.08	Peak
2	11590.000	44.19	-9.81	54.00	27.92	39.82	8.92	32.47	Average
3	11590.000	59.11	-14.89	74.00	42.84	39.82	8.92	32.47	Peak
4	17385.000	64.70	-3.50	68.20	44.02	41.32	10.95	31.59	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT40	**Test Freq. (MHz)**	5795
N_{TX}	3	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8267.000	40.74	-13.26	54.00	29.15	36.89	7.64	32.94	Average
2	8267.000	54.84	-19.16	74.00	43.25	36.89	7.64	32.94	Peak
3	11590.000	44.15	-9.85	54.00	27.88	39.82	8.92	32.47	Average
4	11590.000	58.94	-15.06	74.00	42.67	39.82	8.92	32.47	Peak
5	17385.000	64.48	-3.72	68.20	43.80	41.32	10.95	31.59	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

Summary

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	ppm	Limit (ppm)	Port	Remark
5.2G;11a;20;1;1;5200;M;T30,VN	Pass	5.2G	5.19996427G	NaN	NaN	6.871	20	1	0 min

Result

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	ppm	Limit (ppm)	Port	Remark
5.2G;11a;20;1;1;5200;M;TN,VN	Pass	5.2G	5.19996724G	NaN	NaN	6.3	20	1	0 min
5.2G;11a;20;1;1;5200;M;TN,VN	Pass	5.2G	5.19996723G	NaN	NaN	6.302	20	1	2 min
5.2G;11a;20;1;1;5200;M;TN,VN	Pass	5.2G	5.19996727G	NaN	NaN	6.295	20	1	5 min
5.2G;11a;20;1;1;5200;M;TN,VN	Pass	5.2G	5.19996717G	NaN	NaN	6.313	20	1	10 min
5.2G;11a;20;1;1;5200;M;TN,VL	Pass	5.2G	5.1999672G	NaN	NaN	6.307	20	1	0 min
5.2G;11a;20;1;1;5200;M;TN,VL	Pass	5.2G	5.19996712G	NaN	NaN	6.323	20	1	2 min
5.2G;11a;20;1;1;5200;M;TN,VL	Pass	5.2G	5.19996716G	NaN	NaN	6.316	20	1	5 min
5.2G;11a;20;1;1;5200;M;TN,VL	Pass	5.2G	5.1999671G	NaN	NaN	6.328	20	1	10 min
5.2G;11a;20;1;1;5200;M;TN,VH	Pass	5.2G	5.19996723G	NaN	NaN	6.302	20	1	0 min
5.2G;11a;20;1;1;5200;M;TN,VH	Pass	5.2G	5.19996722G	NaN	NaN	6.303	20	1	2 min
5.2G;11a;20;1;1;5200;M;TN,VH	Pass	5.2G	5.19996718G	NaN	NaN	6.311	20	1	5 min
5.2G;11a;20;1;1;5200;M;TN,VH	Pass	5.2G	5.19996723G	NaN	NaN	6.302	20	1	10 min
5.2G;11a;20;1;1;5200;M;T50,VN	Pass	5.2G	5.19998936G	NaN	NaN	2.046	20	1	0 min
5.2G;11a;20;1;1;5200;M;T50,VN	Pass	5.2G	5.19998931G	NaN	NaN	2.055	20	1	2 min
5.2G;11a;20;1;1;5200;M;T50,VN	Pass	5.2G	5.1999894G	NaN	NaN	2.038	20	1	5 min
5.2G;11a;20;1;1;5200;M;T50,VN	Pass	5.2G	5.19998944G	NaN	NaN	2.03	20	1	10 min
5.2G;11a;20;1;1;5200;M;T40,VN	Pass	5.2G	5.19996695G	NaN	NaN	6.355	20	1	0 min
5.2G;11a;20;1;1;5200;M;T40,VN	Pass	5.2G	5.19996751G	NaN	NaN	6.249	20	1	2 min
5.2G;11a;20;1;1;5200;M;T40,VN	Pass	5.2G	5.19996793G	NaN	NaN	6.167	20	1	5 min
5.2G;11a;20;1;1;5200;M;T40,VN	Pass	5.2G	5.19996847G	NaN	NaN	6.064	20	1	10 min
5.2G;11a;20;1;1;5200;M;T30,VN	Pass	5.2G	5.19996427G	NaN	NaN	6.871	20	1	0 min
5.2G;11a;20;1;1;5200;M;T30,VN	Pass	5.2G	5.19996435G	NaN	NaN	6.856	20	1	2 min
5.2G;11a;20;1;1;5200;M;T30,VN	Pass	5.2G	5.19996436G	NaN	NaN	6.854	20	1	5 min
5.2G;11a;20;1;1;5200;M;T30,VN	Pass	5.2G	5.19996435G	NaN	NaN	6.857	20	1	10 min
5.2G;11a;20;1;1;5200;M;T20,VN	Pass	5.2G	5.19996729G	NaN	NaN	6.29	20	1	0 min
5.2G;11a;20;1;1;5200;M;T20,VN	Pass	5.2G	5.19996744G	NaN	NaN	6.261	20	1	2 min
5.2G;11a;20;1;1;5200;M;T20,VN	Pass	5.2G	5.19996748G	NaN	NaN	6.254	20	1	5 min
5.2G;11a;20;1;1;5200;M;T20,VN	Pass	5.2G	5.19996751G	NaN	NaN	6.248	20	1	10 min
5.2G;11a;20;1;1;5200;M;T10,VN	Pass	5.2G	5.19997514G	NaN	NaN	4.78	20	1	0 min
5.2G;11a;20;1;1;5200;M;T10,VN	Pass	5.2G	5.19997505G	NaN	NaN	4.799	20	1	2 min
5.2G;11a;20;1;1;5200;M;T10,VN	Pass	5.2G	5.19997502G	NaN	NaN	4.805	20	1	5 min
5.2G;11a;20;1;1;5200;M;T10,VN	Pass	5.2G	5.19997499G	NaN	NaN	4.809	20	1	10 min
5.2G;11a;20;1;1;5200;M;T0,VN	Pass	5.2G	5.19998766G	NaN	NaN	2.373	20	1	0 min
5.2G;11a;20;1;1;5200;M;T0,VN	Pass	5.2G	5.19998629G	NaN	NaN	2.636	20	1	2 min
5.2G;11a;20;1;1;5200;M;T0,VN	Pass	5.2G	5.19998628G	NaN	NaN	2.638	20	1	5 min
5.2G;11a;20;1;1;5200;M;T0,VN	Pass	5.2G	5.19998606G	NaN	NaN	2.681	20	1	10 min
5.2G;11a;20;1;1;5200;M;T-10,VN	Pass	5.2G	5.19999627G	NaN	NaN	0.718	20	1	0 min
5.2G;11a;20;1;1;5200;M;T-10,VN	Pass	5.2G	5.19999677G	NaN	NaN	0.62	20	1	2 min
5.2G;11a;20;1;1;5200;M;T-10,VN	Pass	5.2G	5.19999701G	NaN	NaN	0.575	20	1	5 min
5.2G;11a;20;1;1;5200;M;T-10,VN	Pass	5.2G	5.19999698G	NaN	NaN	0.581	20	1	10 min
5.2G;11a;20;1;1;5200;M;T-20,VN	Pass	5.2G	5.20000276G	NaN	NaN	0.53	20	1	0 min
5.2G;11a;20;1;1;5200;M;T-20,VN	Pass	5.2G	5.20000296G	NaN	NaN	0.569	20	1	2 min
5.2G;11a;20;1;1;5200;M;T-20,VN	Pass	5.2G	5.20000298G	NaN	NaN	0.573	20	1	5 min
5.2G;11a;20;1;1;5200;M;T-20,VN	Pass	5.2G	5.2000031G	NaN	NaN	0.596	20	1	10 min
5.2G;11a;20;1;1;5200;M;T-30,VN	Pass	5.2G	5.20000377G	NaN	NaN	0.725	20	1	0 min
5.2G;11a;20;1;1;5200;M;T-30,VN	Pass	5.2G	5.20000376G	NaN	NaN	0.724	20	1	2 min
5.2G;11a;20;1;1;5200;M;T-30,VN	Pass	5.2G	5.20000374G	NaN	NaN	0.719	20	1	5 min
5.2G;11a;20;1;1;5200;M;T-30,VN	Pass	5.2G	5.20000374G	NaN	NaN	0.719	20	1	10 min