



# FCC Test Report

**Equipment** : Wireless Access Point Radio module  
**Brand Name** : XIRRUS  
**Model No.** : XDR240  
**FCC ID** : SK6-XDR240  
**Standard** : 47 CFR FCC Part 15.407  
**Operating Band** : 5150 MHz – 5250 MHz  
5725 MHz – 5850 MHz  
**Applicant** : Xirrus, Inc.  
2101 Corporate Center Drive, Thousand Oaks, CA 91320  
USA  
**Manufacturer** : Lite-On Network Communication (Dongguan) Limited  
30#Keji Rd., Yin Hu Industrial Area, Qingxi Town,  
DongGuan City, Guangdong, China  
**Function** :  Outdoor;  Indoor;  Fixed P2P  
 Client

The product sample received on Jul. 22, 2016 and completely tested on Sep. 13, 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.

  
Cliff Chang  
SPORTON INTERNATIONAL INC.





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### 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

Note 1: The EUT is a limited module which only limited to the Wireless Access Point (brand: XIRRUS / model: XA4240).

The EUT was installed to the Wireless Access Point (brand: XIRRUS / model: XA4240) to perform all the tests.

Note 2: These four radios will be operated in different bands. If they are used in the same band, the output power of each radio will be reduced to make sure that total power is equal to max output power of single radio module.





# 1 General Description

## 1.1 Information

### 1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20)	5180-5240	36-48 [4]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40)	5190-5230	38-46 [2]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80)	5210	42 [1]
5725-5850		5775	155 [1]

Band	Mode	BWch (MHz)	Nant
5.2G	11a	20	4
5.8G	11a	20	4
5.2G	HT20	20	4
5.8G	HT20	20	4
5.2G	HT20,BF	20	4
5.8G	HT20,BF	20	4
5.2G	VHT20	20	4
5.8G	VHT20	20	4
5.2G	VHT20,BF	20	4
5.8G	VHT20,BF	20	4
5.2G	HT40	40	4
5.8G	HT40	40	4
5.2G	HT40,BF	40	4
5.8G	HT40,BF	40	4
5.2G	VHT40	40	4
5.8G	VHT40	40	4
5.2G	VHT40,BF	40	4
5.8G	VHT40,BF	40	4
5.2G	VHT80	80	4
5.8G	VHT80	80	4
5.2G	VHT80,BF	80	4
5.8G	VHT80,BF	80	4

Note:

- ♦ 5.2G/5.2G-I(IC) is the 5.2GHz Band (5.15-5.25GHz).
- ♦ 5.8G/5.8G-I(IC) is the 5.8GHz Band (5.725-5.850GHz).
- ♦ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40 and VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM 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

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	
					2.4GHz	5GHz
1	EMBEDDED WORKS	EW2458-02	Dipole Antenna	Reversed-SMA	2	3
Ant.	Brand	P/N	Antenna Type	Connector	Gain (dBi)	
					2.4GHz	5GHz
2	Laird	PDQ24499	Directional Antenna	Reversed-SMA	8.6	9.4

Note: The EUT has two type antennas.

The system will install four modules (Radio 1(FCC ID: SK6-XDR240), Radio 2~ Radio 4(FCC ID: SK6-XDR241)).

The radio 2~4 single radio is same with each other.

Each Radio could connect to 4 chains.

**For IEEE 802.11a/n/ac mode (4TX/4RX):**

Chain 1, Chain 2, Chain 3 and Chain 4 can be used as transmitting/receiving antenna.

Chain 1, Chain 2, Chain 3 and Chain 4 could transmit/receive simultaneously.



**1.1.3 Mode Test Duty Cycle**

Mode	DC	T(s)	VBW(Hz) ≥ 1/T
11a	0.99	n/a (DC>=0.98)	n/a (DC>=0.98)
VHT20	0.989	n/a (DC>=0.98)	n/a (DC>=0.98)
VHT20,BF	0.99	n/a (DC>=0.98)	n/a (DC>=0.98)
VHT40	0.98	n/a (DC>=0.98)	n/a (DC>=0.98)
VHT40,BF	0.98	n/a (DC>=0.98)	n/a (DC>=0.98)
VHT80	0.96	460.625u	3k
VHT80,BF	0.96	461.25u	3k

**1.1.4 EUT Operational Condition**

<b>EUT Power Type</b>	From Host System		
<b>Beamforming Function</b>	<input checked="" type="checkbox"/> With beamforming	<input type="checkbox"/> Without beamforming	

Note: The product has beamforming function for 802.11n in 5GHz band / 802.11ac in 2.4GHz band and 5GHz band.

**1.1.5 Table for Class II Change**

This product is an extension of original one reported under Sporton project number: FR5D1826AB

Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
Adding two antennas (Refer to chapter 1.1.2 Antenna Information)	All Test Items

## 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 v01r03
- ◆ FCC KDB 644545 D03 v01
- ◆ FCC KDB 662911 D01 v02r01

## 1.3 Testing Location Information

Testing Location		
<input type="checkbox"/>	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
<input checked="" type="checkbox"/>	JHUBEI	ADD : No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C. TEL : 886-3-656-9065 FAX : 886-3-656-9085

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-CB	Satoshi Yang	25°C / 61%	Aug. 21, 2016   Sep. 13, 2016
Radiated	03CH01-CB	Gino Huang/ Nyle Chang/ Eason Chen/ Steven Liang/ Peter Wu	26°C / 59%	Jul. 22, 2016   Sep. 09, 2016
AC Conduction	CO01-CB	Deven Huang	24°C / 62%	Sep. 09, 2016

Test site Designation No. TW0006 with FCC

Test site registered number IC 4086D with Industry Canada.

## 1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.2 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.7 dB	Confidence levels of 95%





## 2 Test Configuration of EUT

### 2.1 Test Channel Mode

For Dipole Antenna

Band	Mode	BWch (MHz)	Nss-Min	Nant	Ch. (MHz)	Range	Power Setting
5.2G	11a	20	1	4	5180	L	67
5.2G	11a	20	1	4	5200	M	69
5.2G	11a	20	1	4	5240	H	66
5.8G	11a	20	1	4	5745	L	69
5.8G	11a	20	1	4	5785	M	88
5.8G	11a	20	1	4	5825	H	79
5.2G	VHT20	20	1,(M0)	4	5180	L	70
5.2G	VHT20	20	1,(M0)	4	5200	M	71
5.2G	VHT20	20	1,(M0)	4	5240	H	70
5.8G	VHT20	20	1,(M0)	4	5745	L	69
5.8G	VHT20	20	1,(M0)	4	5785	M	87
5.8G	VHT20	20	1,(M0)	4	5825	H	78
5.2G	VHT40	40	1,(M0)	4	5190	L	51
5.2G	VHT40	40	1,(M0)	4	5230	H	71
5.8G	VHT40	40	1,(M0)	4	5755	L	60
5.8G	VHT40	40	1,(M0)	4	5795	H	77
5.2G	VHT80	80	1,(M0)	4	5210	S	50
5.8G	VHT80	80	1,(M0)	4	5775	S	49
5.2G	VHT20,BF	20	1,(M0)	4	5180	L	60
5.2G	VHT20,BF	20	1,(M0)	4	5200	M	76
5.2G	VHT20,BF	20	1,(M0)	4	5240	H	69
5.8G	VHT20,BF	20	1,(M0)	4	5745	L	70
5.8G	VHT20,BF	20	1,(M0)	4	5785	M	81
5.8G	VHT20,BF	20	1,(M0)	4	5825	H	81
5.2G	VHT40,BF	40	1,(M0)	4	5190	L	44
5.2G	VHT40,BF	40	1,(M0)	4	5230	H	68
5.8G	VHT40,BF	40	1,(M0)	4	5755	L	57
5.8G	VHT40,BF	40	1,(M0)	4	5795	H	81
5.2G	VHT80,BF	80	1,(M0)	4	5210	S	40
5.8G	VHT80,BF	80	1,(M0)	4	5775	S	53



For Directional Antenna

Band	Mode	BWch (MHz)	Nss-Min	Nant	Ch. (MHz)	Range	Power Setting
5.2G	11a	20	1	4	5180	L	58
5.2G	11a	20	1	4	5200	M	58
5.2G	11a	20	1	4	5240	H	58
5.8G	11a	20	1	4	5745	L	69
5.8G	11a	20	1	4	5785	M	88
5.8G	11a	20	1	4	5825	H	79
5.2G	VHT20	20	1,(M0)	4	5180	L	58
5.2G	VHT20	20	1,(M0)	4	5200	M	58
5.2G	VHT20	20	1,(M0)	4	5240	H	58
5.8G	VHT20	20	1,(M0)	4	5745	L	69
5.8G	VHT20	20	1,(M0)	4	5785	M	87
5.8G	VHT20	20	1,(M0)	4	5825	H	78
5.2G	VHT40	40	1,(M0)	4	5190	L	43
5.2G	VHT40	40	1,(M0)	4	5230	H	68
5.8G	VHT40	40	1,(M0)	4	5755	L	60
5.8G	VHT40	40	1,(M0)	4	5795	H	77
5.2G	VHT80	80	1,(M0)	4	5210	S	41
5.8G	VHT80	80	1,(M0)	4	5775	S	49
5.2G	VHT20,BF	20	1,(M0)	4	5180	L	60
5.2G	VHT20,BF	20	1,(M0)	4	5200	M	60
5.2G	VHT20,BF	20	1,(M0)	4	5240	H	61
5.8G	VHT20,BF	20	1,(M0)	4	5745	L	65
5.8G	VHT20,BF	20	1,(M0)	4	5785	M	60
5.8G	VHT20,BF	20	1,(M0)	4	5825	H	63
5.2G	VHT40,BF	40	1,(M0)	4	5190	L	47
5.2G	VHT40,BF	40	1,(M0)	4	5230	H	58
5.8G	VHT40,BF	40	1,(M0)	4	5755	L	57
5.8G	VHT40,BF	40	1,(M0)	4	5795	H	64
5.2G	VHT80,BF	80	1,(M0)	4	5210	S	49
5.8G	VHT80,BF	80	1,(M0)	4	5775	S	53

Note: 1.VHT20/VHT40 covers HT20/HT40, due to same modulation. The power setting for 802.11n HT20 and HT40 are the same or lower than 802.11ac VHT20 and VHT40.

2. There are two modes of EUT, one is beamforming mode, and the other is non-beamforming mode for 802.11n/ac. All test results were recorded in the report.



## 2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
<b>Tests Item</b>	AC power-line conducted emissions
<b>Condition</b>	AC power-line conducted measurement for line and neutral
<b>Operating Mode</b>	CTX
1	EUT + Ant.1
2	EUT + Ant.2
For operating mode 2 is the worst case and it was record in this test report.	

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

The Worst Case Mode for Following Conformance Tests	
<b>Tests Item</b>	Unwanted Emissions
<b>Test Condition</b>	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.
<b>Operating Mode &lt; 1GHz</b>	CTX
1	EUT X axis + Ant.1
2	EUT Y axis + Ant.1
3	EUT Z axis + Ant.1
Mode 3 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4 will follow this same test mode.	
4	EUT Z axis + Ant.2
For operating mode 4 is the worst case and it was record in this test report.	
<b>Operating Mode &gt; 1GHz</b>	CTX
The EUT was performed at X axis, Y axis and Z axis position for Radiated emission above 1GHz test, and the worst case was found at Y axis. So the measurement will follow this same test configuration.	
1	EUT Y axis + Ant.1
2	EUT Y axis + Ant.2



## **2.3 EUT Operation during Test**

For non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

For beamforming mode:

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

During the test, the following programs under WIN 7 were executed.

The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under Xircon V1.0.2.25.
3. Executed "Lantest.exe " to link with the remote workstation to receive and transmit packet by RX Device and transmit duty cycle no less 98%.

## **2.4 Accessories**

N/A



### 2.5 Support Equipment

For Test Site No: CO01-CB

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
1	NB	DELL	E6430	DoC
2	PoE	Microsemi	PD-9501-10G/AC	DoC
3	Host system	XIRRUS	XA4240	DoC

For Test Site No: 03CH01-CB (below 1GHz)

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Notebook	DELL	E4300	DoC
2	Host system	XIRRUS	XA4240	DoC
3	PoE	Motorola	PD-7001G	N/A

For Test Site No: 03CH01-CB (above 1GHz)

<For Non-Beamforming Mode>

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Notebook	DELL	E4300	DoC
2	Host system	XIRRUS	XA4240	DoC
3	PoE	Motorola	PD-7001G	N/A

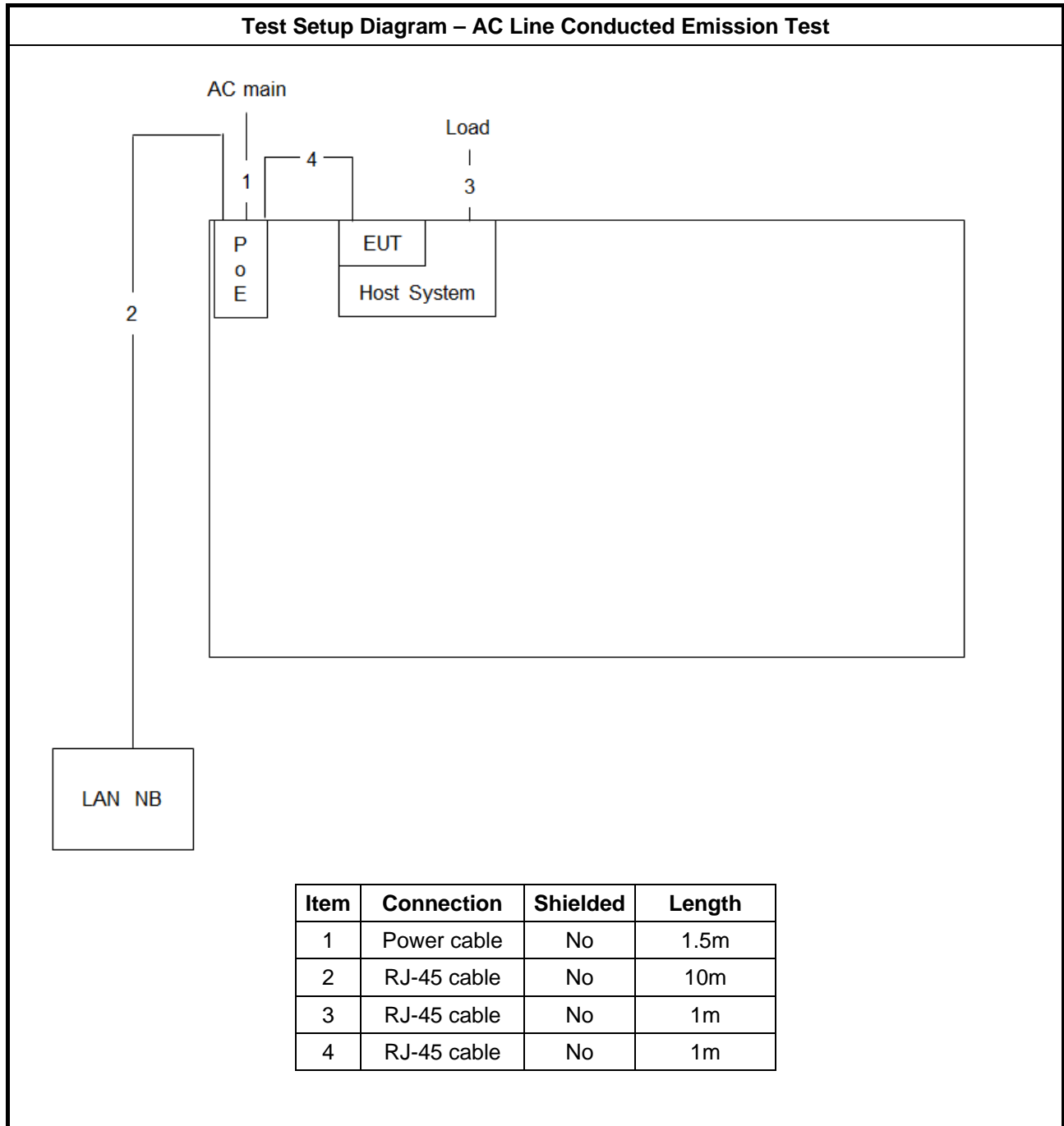
<For Beamforming Mode>

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Notebook	DELL	E4300	DoC
2	Notebook	DELL	E4300	DoC
3	WLAN module	Broadcom	Bcm4366	N/A
4	PoE	Motorola	PD-7001G	N/A
5	Host system	XIRRUS	XA4240	DoC

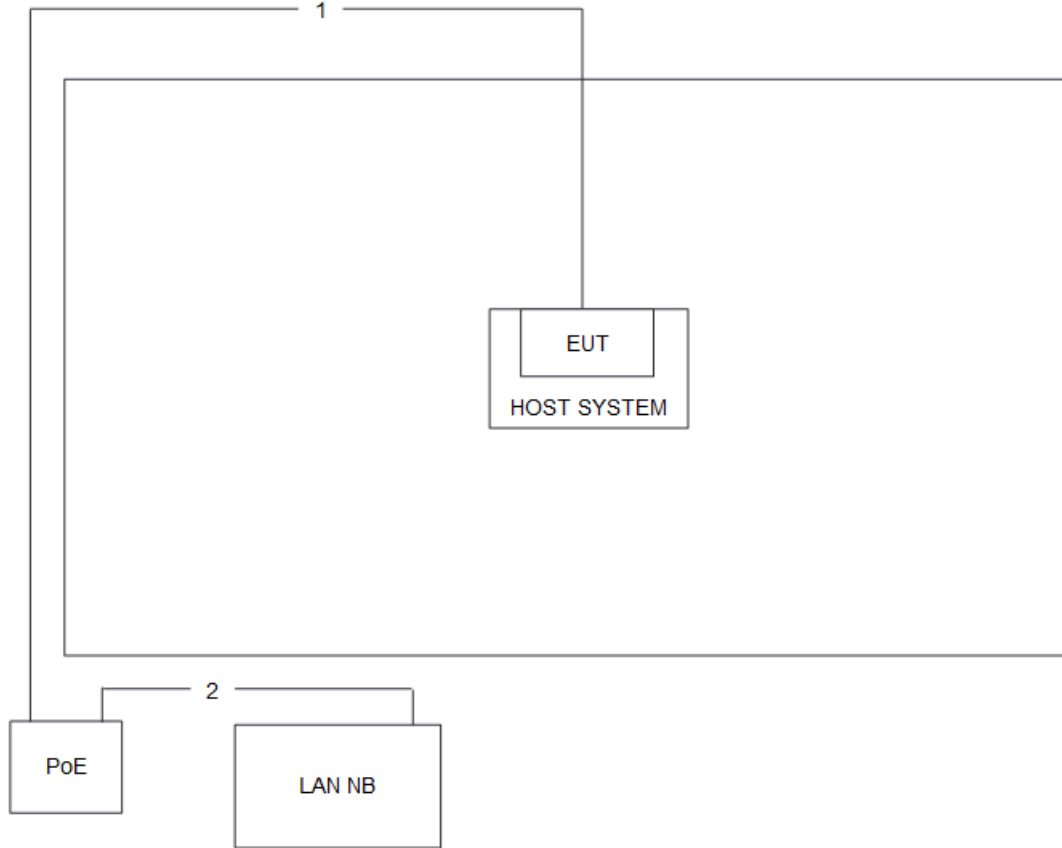
For Test Site No: TH01-CB

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Notebook	DELL	E4300	DoC
2	Host system	XIRRUS	XA4240	DoC
3	PoE	Motorola	PD-7001G	N/A

## 2.6 Test Setup Diagram

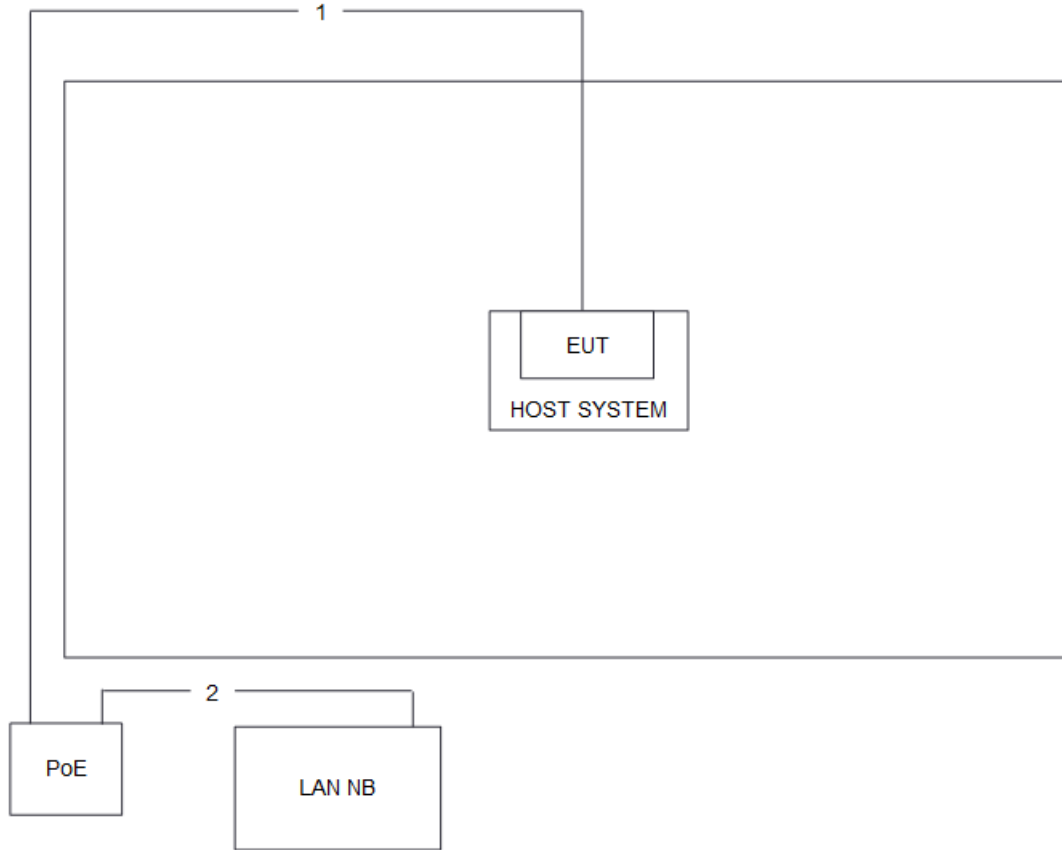


Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	RJ-45 cable	No	1.5m

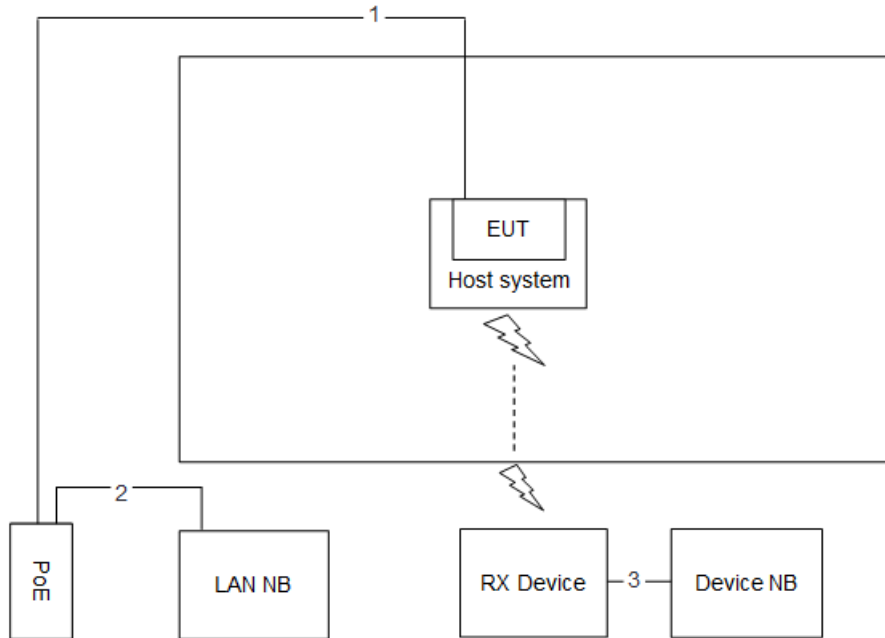
Test Setup Diagram - Radiated Test > 1GHz / <For Non-Beamforming Mode>



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	RJ-45 cable	No	1.5m



Test Setup Diagram - Radiated Test > 1GHz / <For Beamforming Mode>



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	1.5m

### 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.

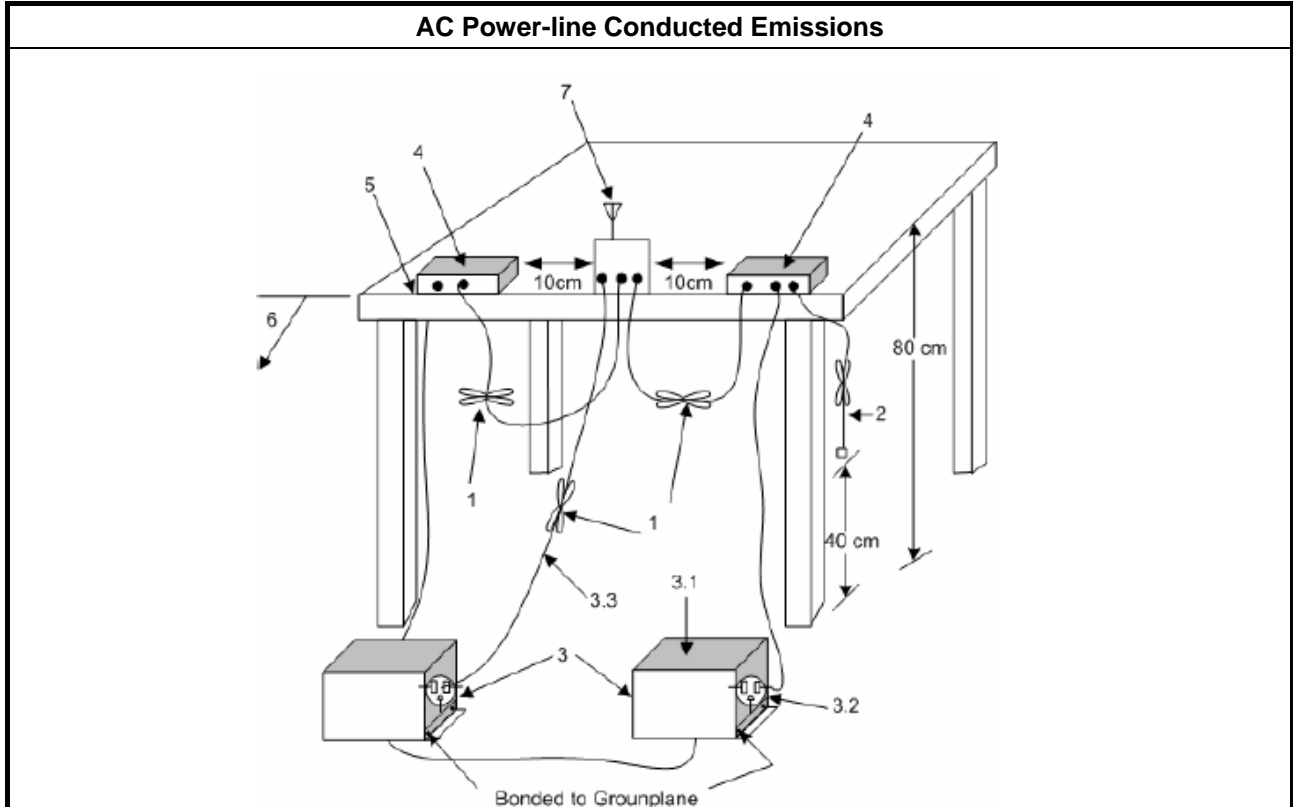
##### 3.1.2 Measuring Instruments

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

##### 3.1.3 Test Procedures

Test Method
<input checked="" type="checkbox"/> Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

##### 3.1.4 Test Setup





### **3.1.5 Test Result of AC Power-line Conducted Emissions**

Refer as Appendix A

### 3.2 Emission Bandwidth

#### 3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
<b>UNII Devices</b>	
<input checked="" type="checkbox"/>	For the 5.15-5.25 GHz band, N/A
<input type="checkbox"/>	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.
<input type="checkbox"/>	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.
<input checked="" type="checkbox"/>	For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq$ 500kHz.
<b>LE-LAN Devices</b>	
<input type="checkbox"/>	For the band 5.15-5.25 GHz, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
<input type="checkbox"/>	For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
<input type="checkbox"/>	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
<input type="checkbox"/>	For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq$ 500kHz.

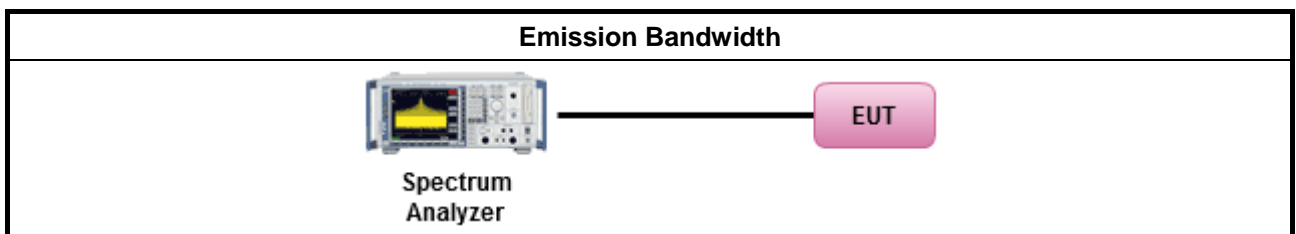
#### 3.2.2 Measuring Instruments

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

#### 3.2.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> <li>▪ For the emission bandwidth shall be measured using one of the options below:</li> </ul>	
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033, clause C for EBW and clause D for OBW measurement.
<input type="checkbox"/>	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.
<input checked="" type="checkbox"/>	Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.

#### 3.2.4 Test Setup



#### 3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B



### 3.3 Maximum Conducted Output Power

#### 3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
<b>UNII Devices</b>	
<input checked="" type="checkbox"/> For the 5.15-5.25 GHz band:	
	<ul style="list-style-type: none"> <li>▪ Outdoor AP: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)</math>. e.i.r.p. at any elevation angle above 30 degrees <math>\leq 125</math>mW [21dBm]</li> <li>▪ Indoor AP: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)</math></li> <li>▪ Point-to-point AP: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 23</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 23)</math>.</li> <li>▪ Mobile or Portable Client: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 250 mW. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 24 - (G_{TX} - 6)</math>.</li> </ul>
<input type="checkbox"/> 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 $P_{Out} = 24 - (G_{TX} - 6)$ .	
<input type="checkbox"/> 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 $P_{Out} = 24 - (G_{TX} - 6)$ .	
<input checked="" type="checkbox"/> For the 5.725-5.85 GHz band:	
	<ul style="list-style-type: none"> <li>▪ Point-to-multipoint systems (P2M): the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)</math>.</li> <li>▪ Point-to-point systems (P2P): the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W.</li> </ul>
<b>LE-LAN Devices</b>	
<input type="checkbox"/> For the 5.15-5.25 GHz band, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.	
<input type="checkbox"/> For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz	
<input type="checkbox"/> For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz	
<input type="checkbox"/> For the 5.725-5.85 GHz band:	
	<ul style="list-style-type: none"> <li>▪ Point-to-multipoint systems (P2M): the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)</math>.</li> <li>▪ Point-to-point systems (P2P): the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W.</li> </ul>
$P_{Out}$ = maximum conducted output power in dBm, $G_{TX}$ = the maximum transmitting antenna directional gain in dBi.	

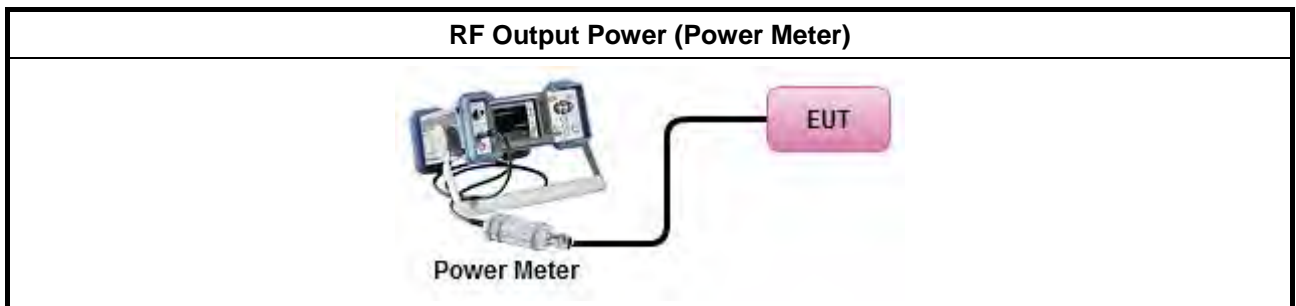
### 3.3.2 Measuring Instruments

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

### 3.3.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> <li>Maximum Conducted Output Power</li> </ul>	
[duty cycle ≥ 98% or external video / power trigger]	
<input type="checkbox"/>	Refer as FCC KDB 789033, clause E Method SA-1 (spectral trace averaging).
<input type="checkbox"/>	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	
<input type="checkbox"/>	Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
<input type="checkbox"/>	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	
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033, clause E Method PM-G (using an RF average power meter).
<ul style="list-style-type: none"> <li>For conducted measurement.</li> </ul>	
<ul style="list-style-type: none"> <li>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.</li> </ul>	
<ul style="list-style-type: none"> <li>If multiple transmit chains, EIRP calculation could be following as methods:  <math>P_{total} = P_1 + P_2 + \dots + P_n</math>                      (calculated in linear unit [mW] and transfer to log unit [dBm])  <math>EIRP_{total} = P_{total} + DG</math> </li> </ul>	

### 3.3.4 Test Setup



### 3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

### 3.4 Peak Power Spectral Density

#### 3.4.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit	
<b>UNII Devices</b>	
<input checked="" type="checkbox"/> For the 5.15-5.25 GHz band:	
	<ul style="list-style-type: none"> <li>▪ Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 17 - (G_{TX} - 6)</math>.</li> <li>▪ Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 17 - (G_{TX} - 6)</math>.</li> <li>▪ Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If <math>G_{TX} &gt; 23</math> dBi, then <math>P_{Out} = 17 - (G_{TX} - 23)</math>.</li> <li>▪ Mobile or Portable Client: the peak power spectral density (PPSD) <math>\leq 11</math> dBm/MHz. If <math>G_{TX} &gt; 6</math> dBi, then <math>PPSD = 11 - (G_{TX} - 6)</math>.</li> </ul>
<input type="checkbox"/> For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) $\leq 11$ dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$ .	
<input type="checkbox"/> For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) $\leq 11$ dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$ .	
<input checked="" type="checkbox"/> For the 5.725-5.85 GHz band:	
	<ul style="list-style-type: none"> <li>▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) <math>\leq 30</math> dBm/500kHz. If <math>G_{TX} &gt; 6</math> dBi, then <math>PPSD = 30 - (G_{TX} - 6)</math>.</li> <li>▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) <math>\leq 30</math> dBm/500kHz.</li> </ul>
<b>LE-LAN Devices</b>	
<input type="checkbox"/> For the 5.15-5.25 GHz band, the peak power spectral density (PPSD) $\leq 4$ dBm/MHz and the e.i.r.p. peak power spectral density (PPSD) $\leq 10$ dBm/MHz.	
<input type="checkbox"/> For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) $\leq 11$ dBm/MHz and the e.i.r.p. peak power spectral density (PPSD) $\leq 17$ dBm/MHz.	
	<ul style="list-style-type: none"> <li>▪ e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where <math>\theta</math> is the angle above the local horizontal plane (of the Earth) as shown below:            -13 dBW/MHz for <math>0^\circ \leq \theta &lt; 8^\circ</math> ; -13 - 0.716 (<math>\theta-8</math>) dBW/MHz for <math>8^\circ \leq \theta &lt; 40^\circ</math>            -35.9 - 1.22 (<math>\theta-40</math>) dBW/MHz for <math>40^\circ \leq \theta \leq 45^\circ</math> ; -42 dBW/MHz for <math>\theta &gt; 45^\circ</math></li> </ul>
<input type="checkbox"/> For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) $\leq 11$ dBm/MHz and the e.i.r.p. peak power spectral density (PPSD) $\leq 17$ dBm/MHz.	
<input type="checkbox"/> For the 5.725-5.85 GHz band:	
	<ul style="list-style-type: none"> <li>▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) <math>\leq 30</math> dBm/500kHz. If <math>G_{TX} &gt; 6</math> dBi, then <math>PPSD = 30 - (G_{TX} - 6)</math>.</li> <li>▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) <math>\leq 30</math> dBm/500kHz.</li> </ul>
<p><b>PPSD</b> = 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</p> <p><b>G<sub>TX</sub></b> = the maximum transmitting antenna directional gain in dBi.</p>	

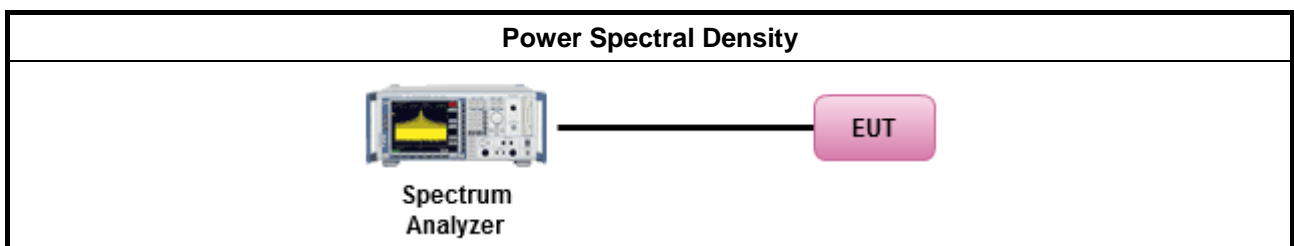
#### 3.4.2 Measuring Instruments

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

### 3.4.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> <li>▪ 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:</li> </ul>	
<input type="checkbox"/>	Refer as FCC KDB 789033, F5) 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]	
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033, clause E Method SA-1 (spectral trace averaging).
<input type="checkbox"/>	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	
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
<input type="checkbox"/>	Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
<ul style="list-style-type: none"> <li>▪ For conducted measurement.</li> </ul>	
<ul style="list-style-type: none"> <li>▪ If the EUT supports multiple transmit chains using options given below:</li> </ul>	
<input checked="" type="checkbox"/>	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 NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
<input type="checkbox"/>	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,
<input type="checkbox"/>	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.
<ul style="list-style-type: none"> <li>▪ If multiple transmit chains, EIRP PPSD calculation could be following as methods:  <math>PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n</math>                      (calculated in linear unit [mW] and transfer to log unit [dBm])  <math>EIRP_{total} = PPSD_{total} + DG</math></li> </ul>	

### 3.4.4 Test Setup







### **3.4.5 Test Result of Peak Power Spectral Density**

Refer as Appendix D



### 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	all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

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).



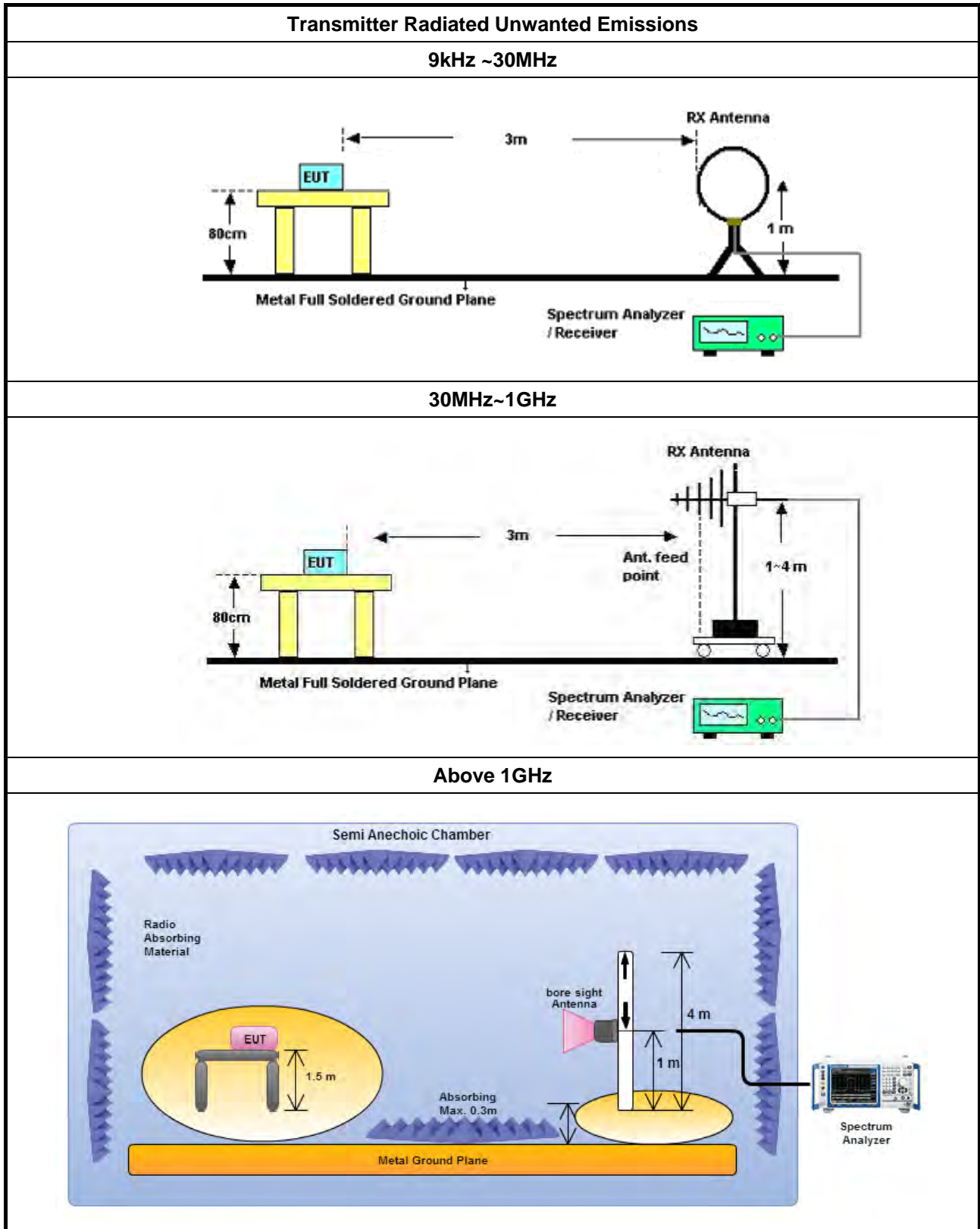
### 3.5.2 Measuring Instruments

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

### 3.5.3 Test Procedures

Test Method	
	<ul style="list-style-type: none"> <li>▪ 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).</li> </ul>
	<ul style="list-style-type: none"> <li>▪ The average emission levels shall be measured in [duty cycle <math>\geq</math> 98 or duty factor].</li> </ul>
	<ul style="list-style-type: none"> <li>▪ For the transmitter unwanted emissions shall be measured using following options below:               <ul style="list-style-type: none"> <li>▪ Refer as FCC KDB 789033, clause H)2) for unwanted emissions into non-restricted bands.</li> <li>▪ Refer as FCC KDB 789033, clause H)1) for unwanted emissions into restricted bands.                   <ul style="list-style-type: none"> <li><input type="checkbox"/> Refer as FCC KDB 789033, H)6) Method AD (Trace Averaging).</li> <li><input checked="" type="checkbox"/> Refer as FCC KDB 789033, H)6) Method VB (Reduced VBW).</li> <li><input type="checkbox"/> Refer as ANSI C63.10, clause 4.2.3.2.3 (Reduced VBW). VBW <math>\geq</math> 1/T, where T is pulse time.</li> <li><input type="checkbox"/> Refer as ANSI C63.10, clause 4.2.3.2.4 average value of pulsed emissions.</li> <li><input checked="" type="checkbox"/> Refer as FCC KDB 789033, clause H)5) measurement procedure peak limit.</li> <li><input type="checkbox"/> Refer as ANSI C63.10, clause 4.2.3.2.2 measurement procedure peak limit.</li> </ul> </li> </ul> </li> </ul>
	<ul style="list-style-type: none"> <li>▪ For radiated measurement.               <ul style="list-style-type: none"> <li>▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.</li> <li>▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.</li> <li>▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.</li> </ul> </li> </ul>
	<ul style="list-style-type: none"> <li>▪ The any unwanted emissions level shall not exceed the fundamental emission level.</li> </ul>
	<ul style="list-style-type: none"> <li>▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.</li> </ul>

3.5.4 Test Setup





### **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 Test Result of Transmitter Unwanted Emissions**

Refer as Appendix E

### 3.6 Frequency Stability

#### 3.6.1 Frequency Stability Limit

Frequency Stability Limit
<b>UNII Devices</b>
<ul style="list-style-type: none"> <li>In-band emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.</li> </ul>
<b>LE-LAN Devices</b>
<ul style="list-style-type: none"> <li>N/A</li> </ul>
<b>IEEE Std. 802.11</b>
<ul style="list-style-type: none"> <li>The transmitter center frequency tolerance shall be <math>\pm 20</math> ppm maximum for the 5 GHz band and <math>\pm 25</math> ppm maximum for the 2.4 GHz band.</li> </ul>

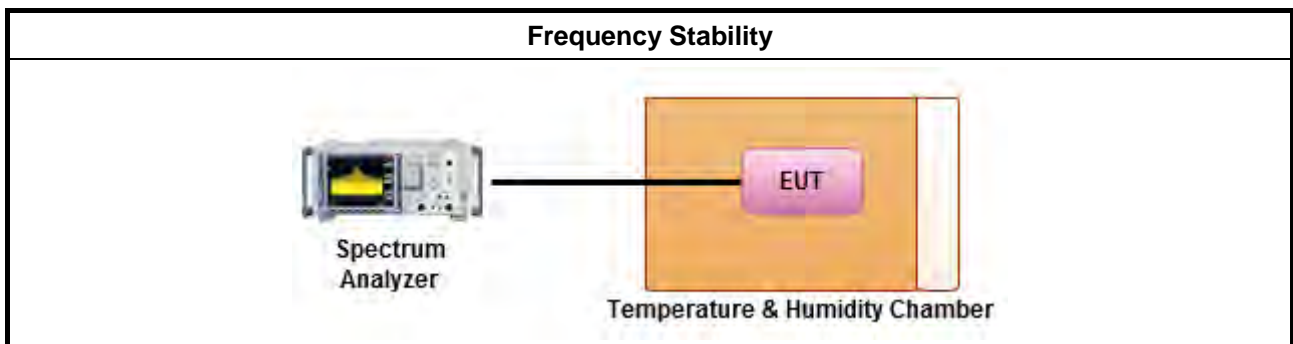
#### 3.6.2 Measuring Instruments

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

#### 3.6.3 Test Procedures

Test Method
<ul style="list-style-type: none"> <li>Refer as ANSI C63.10, clause 6.8 for frequency stability tests</li> </ul>
<ul style="list-style-type: none"> <li>Frequency stability with respect to ambient temperature</li> </ul>
<ul style="list-style-type: none"> <li>Frequency stability when varying supply voltage</li> </ul>
<ul style="list-style-type: none"> <li>Extreme temperature is 0°C~50°C.</li> </ul>

#### 3.6.4 Test Setup



#### 3.6.5 Test Result of Frequency Stability

Refer as Appendix F



## 4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.45GHz	Jan. 27, 2016	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Dec. 08, 2015	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Dec. 23, 2015	Conduction (CO01-CB)
COND Cable	Woken	Cable	01	150kHz ~ 30MHz	May 24, 2016	Conduction (CO01-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	Conduction (CO01-CB)
Bilog Antenna	SCHAFFNER	CBL 6112B	2888	30MHz ~ 1GHz	Nov. 17, 2015	Radiation (03CH01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 16, 2016*	Radiation (03CH01-CB)
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Oct. 22, 2015	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170586	18GHz ~ 40GHz	Sep. 22, 2015	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8447D	2944A10991	0.1MHz ~ 1.3GHz	Mar. 15, 2016	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 18, 2016	Radiation (03CH01-CB)
Pre-Amplifier	WM	TF-130N-R1	923365	26GHz ~ 40GHz	Nov. 13, 2015	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Oct. 27, 2015	Radiation (03CH01-CB)
EMI Test	R&S	ESCS	100355	9kHz ~ 2.75GHz	May 16, 2016	Radiation (03CH01-CB)
RF Cable-low	Woken	Low Cable-1	N/A	30 MHz ~ 1 GHz	Nov. 02, 2015	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16	N/A	1 GHz ~ 18 GHz	Nov. 02, 2015	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-17	N/A	1 GHz ~ 18 GHz	Nov. 02, 2015	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G-1	N/A	18GHz ~ 40 GHz	Nov. 02, 2015	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G-2	N/A	18GHz ~ 40 GHz	Nov. 02, 2015	Radiation (03CH01-CB)
Test Software	Audix	E3	6.2009-10-7	N/A	N/A	Radiation (03CH01-CB)



Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Dec. 09, 2015	Conducted (TH01-CB)
Temp. and Humidity Chamber	Ten Billion	TTH-D3SP	TBN-931011	-30~100 degree	Jun. 03, 2016	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-6	1 GHz – 26.5 GHz	Nov. 02, 2015	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-7	1 GHz – 26.5 GHz	Nov. 02, 2015	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-8	1 GHz – 26.5 GHz	Nov. 02, 2015	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-9	1 GHz – 26.5 GHz	Nov. 02, 2015	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz – 26.5 GHz	Nov. 02, 2015	Conducted (TH01-CB)
Power Sensor	Agilent	U2021XA	MY53410001	50MHz~18GHz	Nov. 02, 2015	Conducted (TH01-CB)

Note: Calibration Interval of instruments listed above is one year.

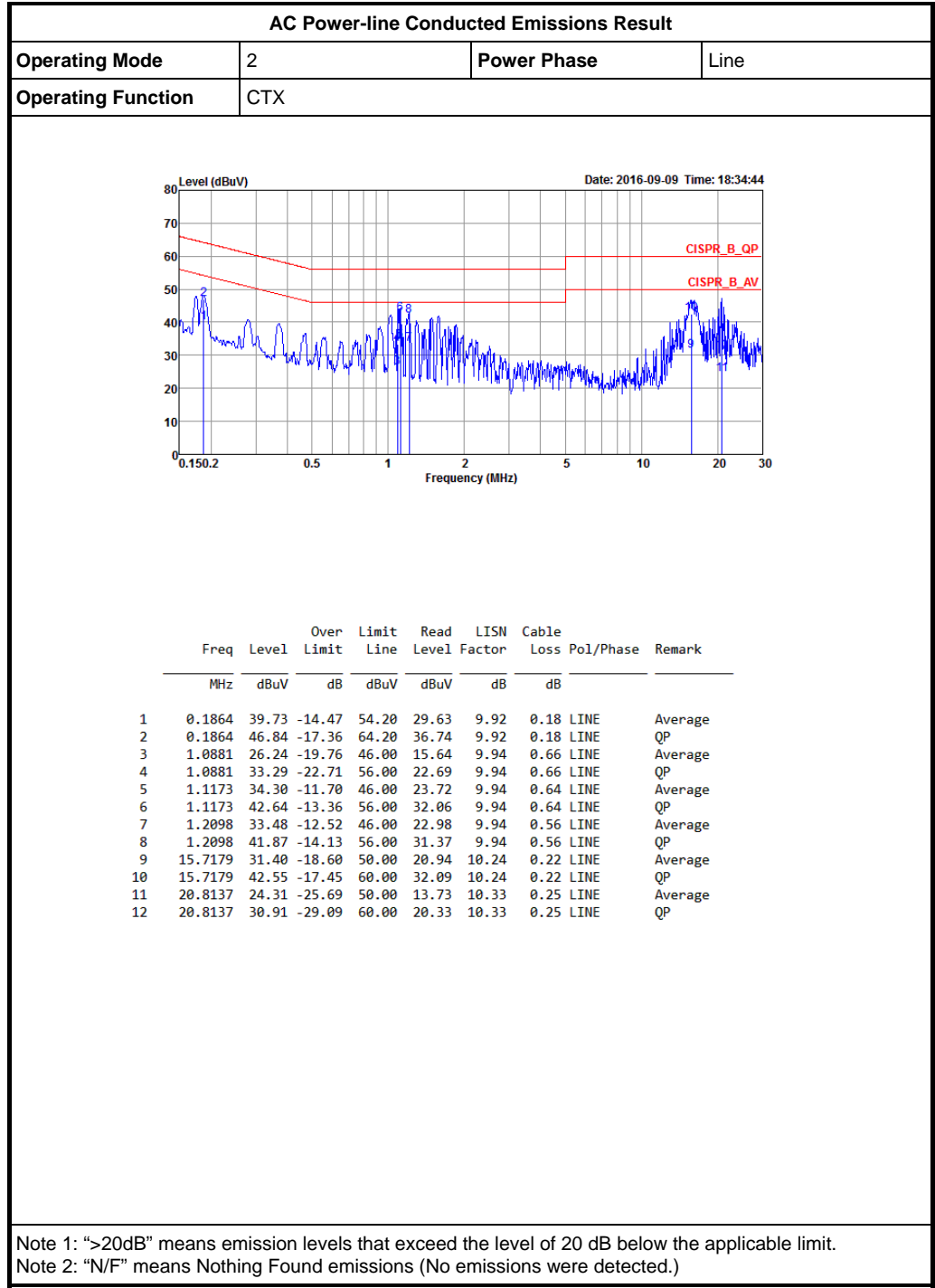
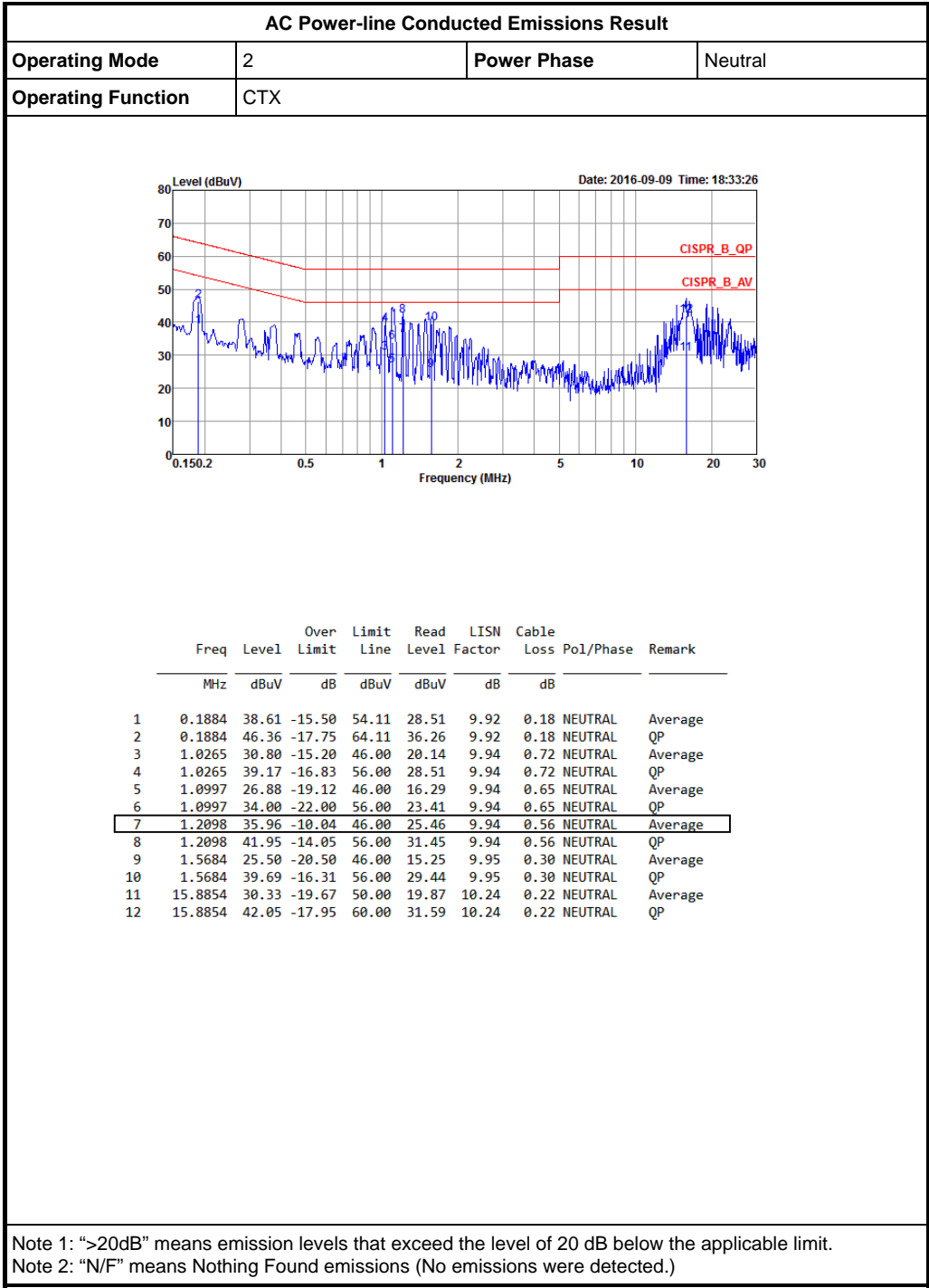
“\*\*” Calibration Interval of instruments listed above is two years.

N.C.R means Non-Calibration required.





# AC Power-line Conducted Emissions Result





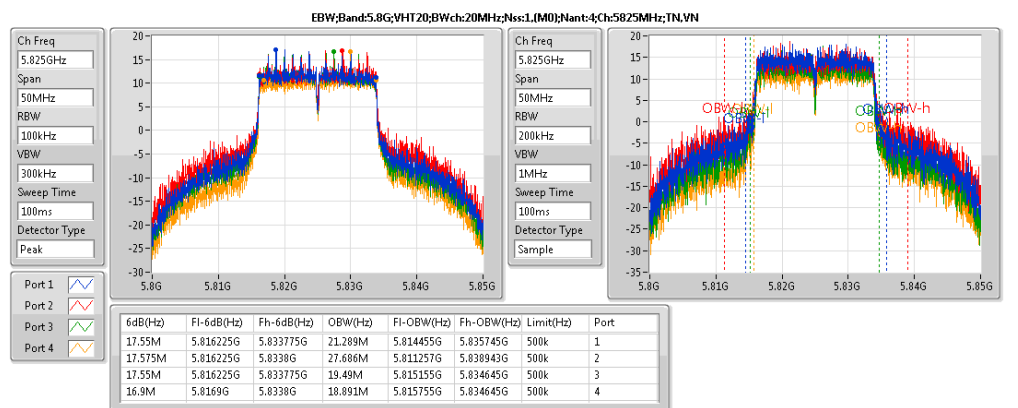
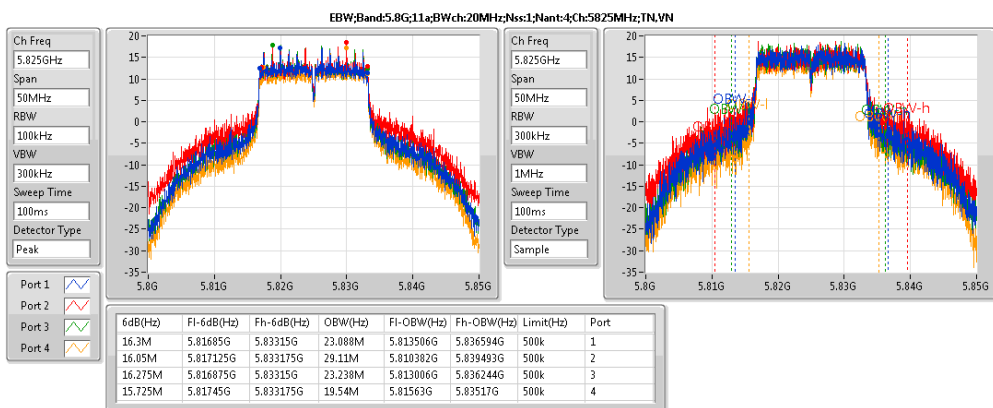
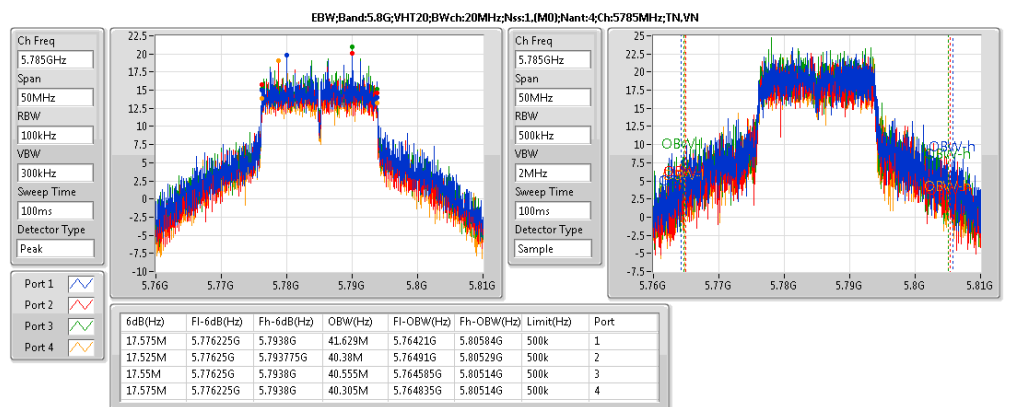
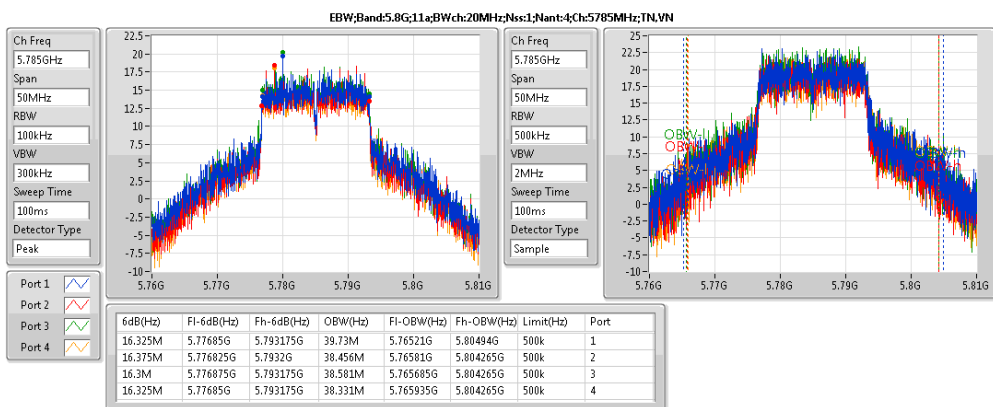
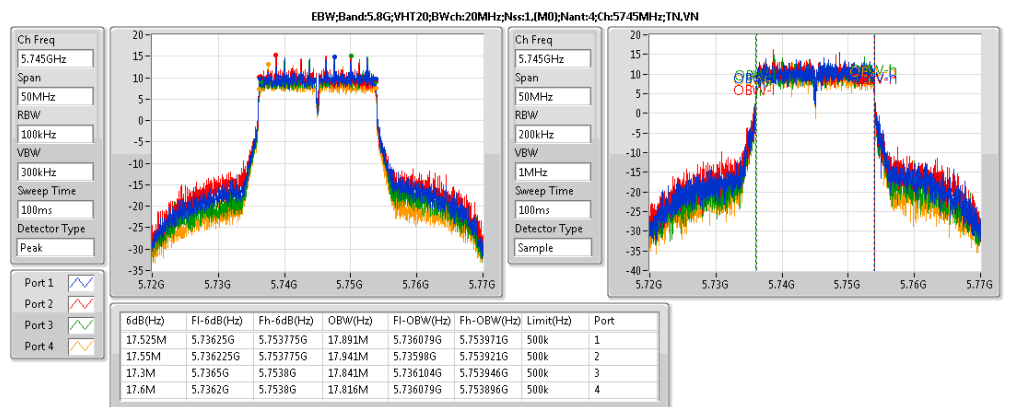
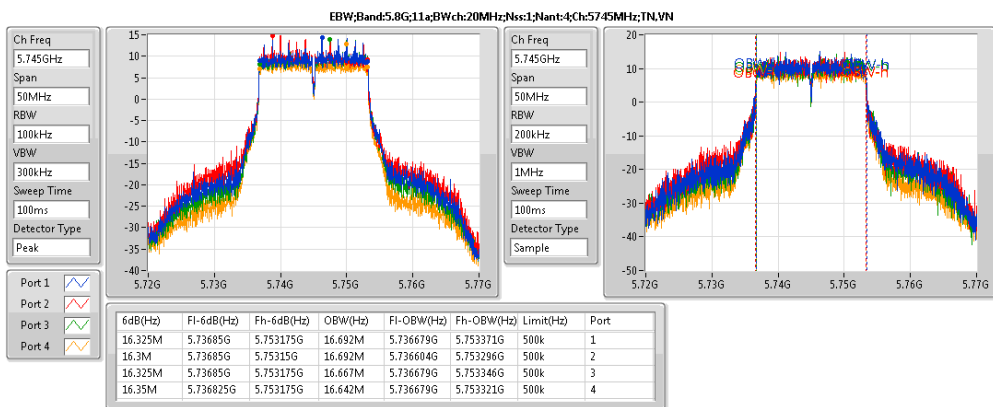
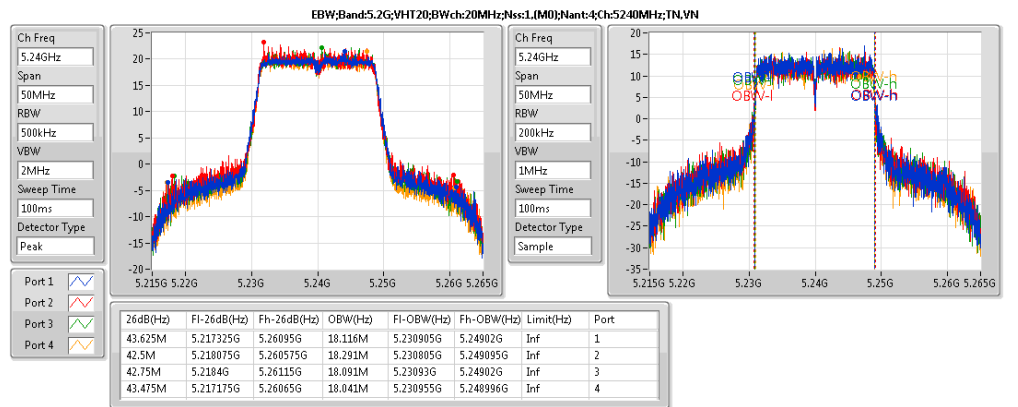
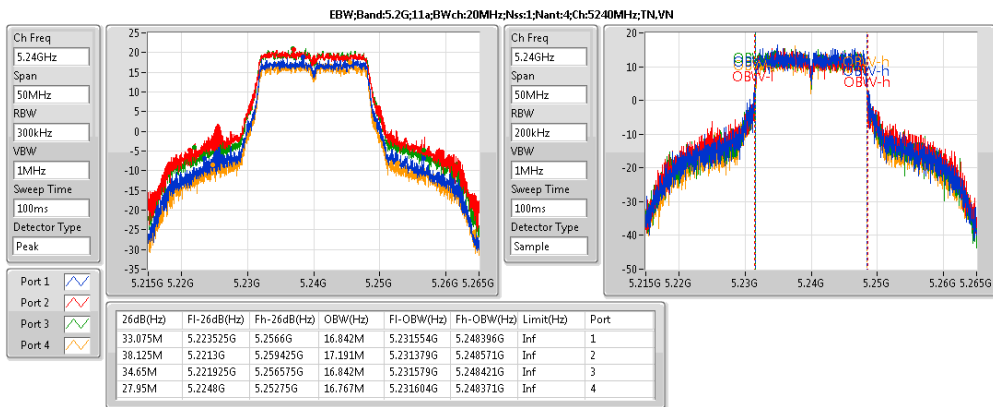
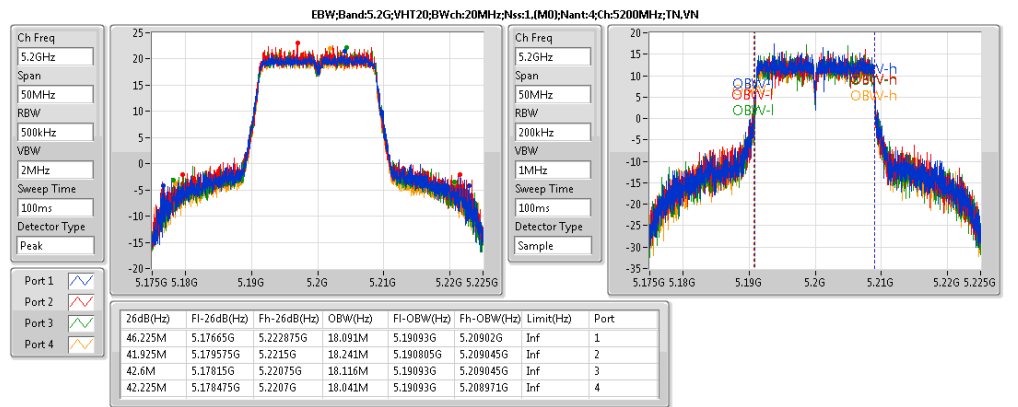
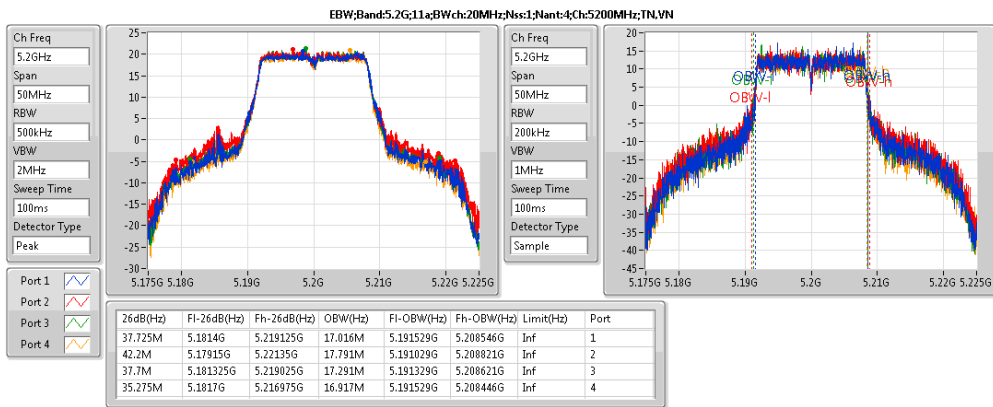
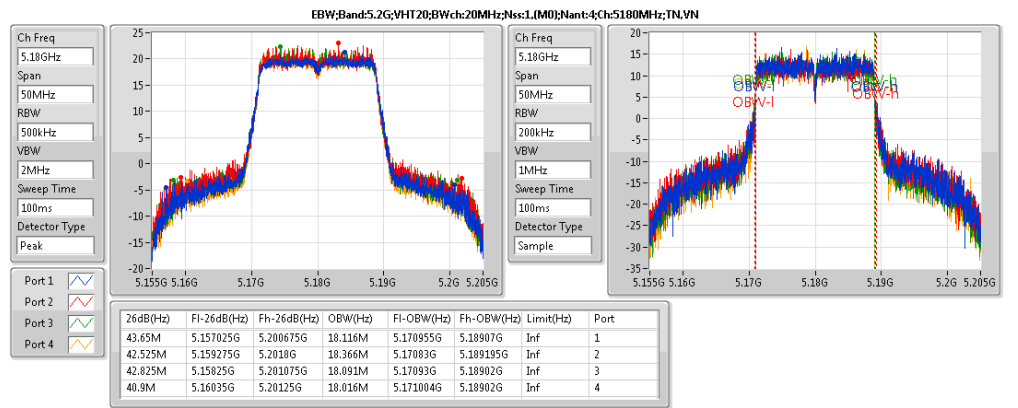
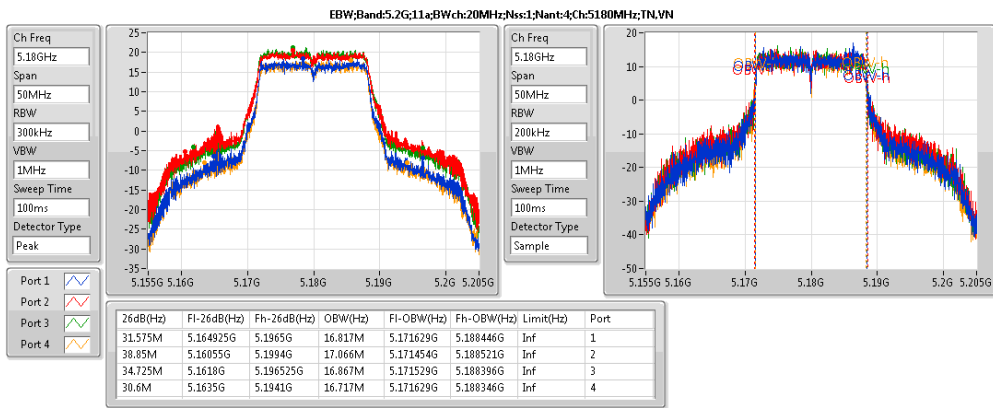
Summary

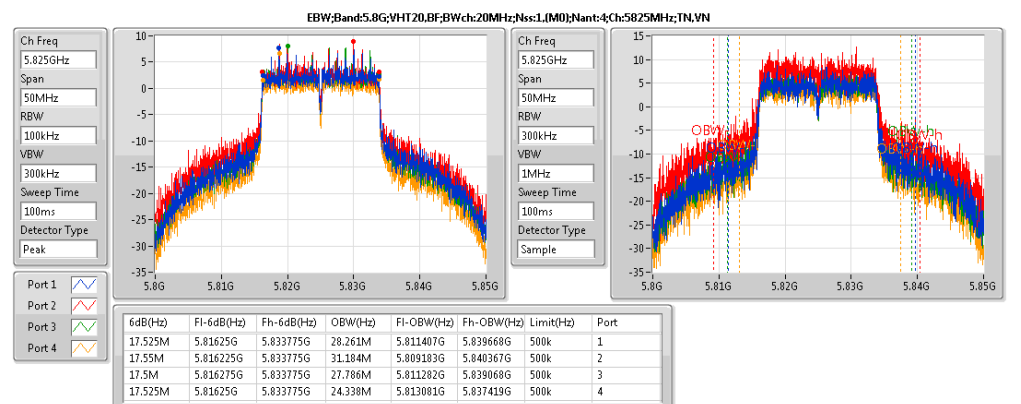
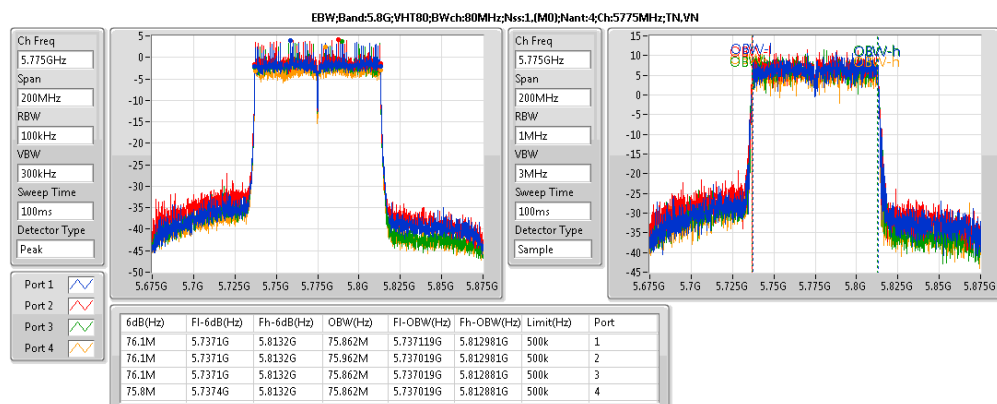
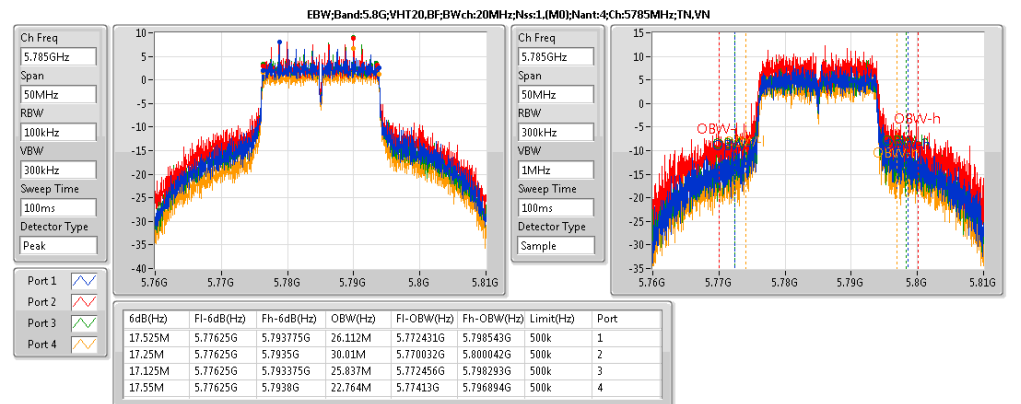
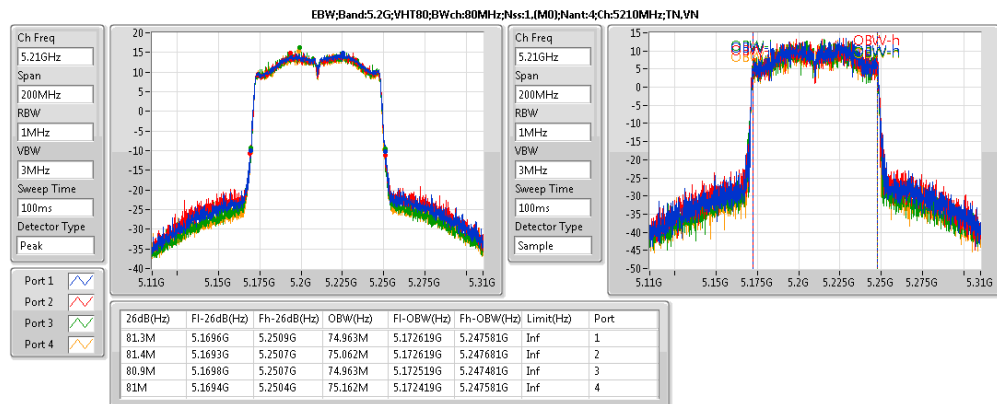
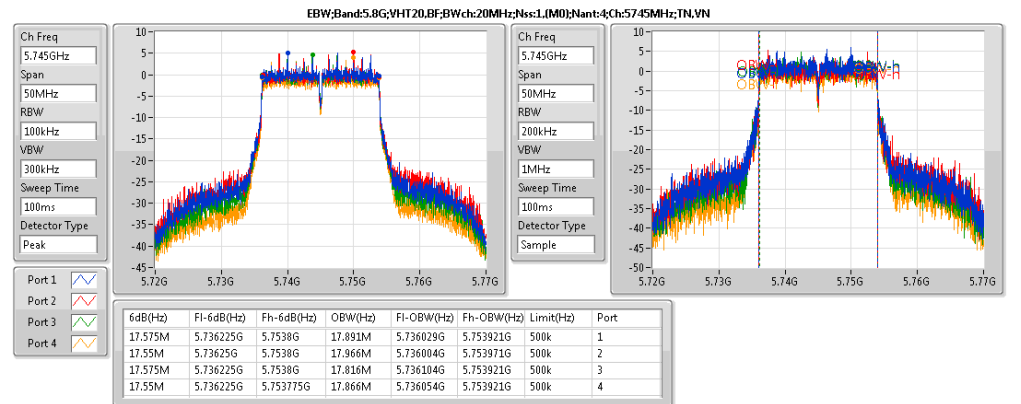
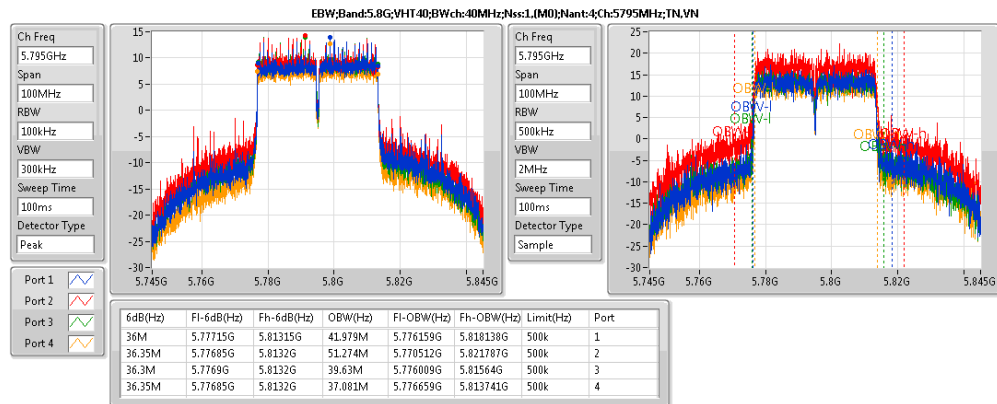
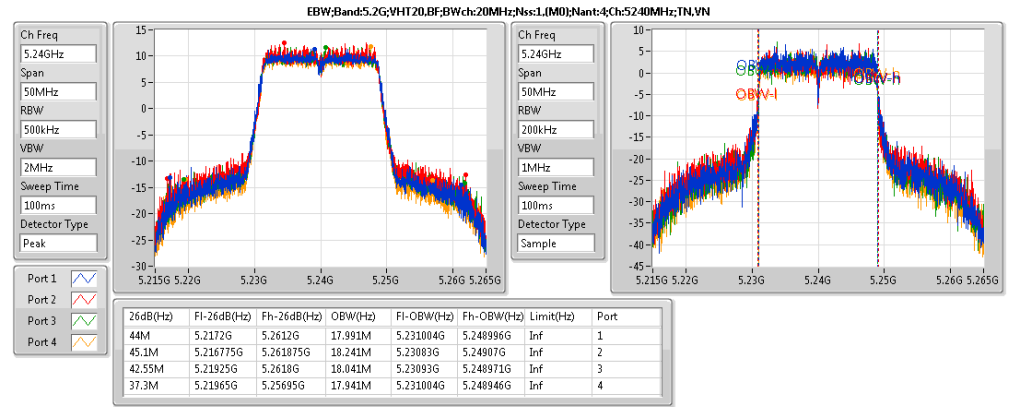
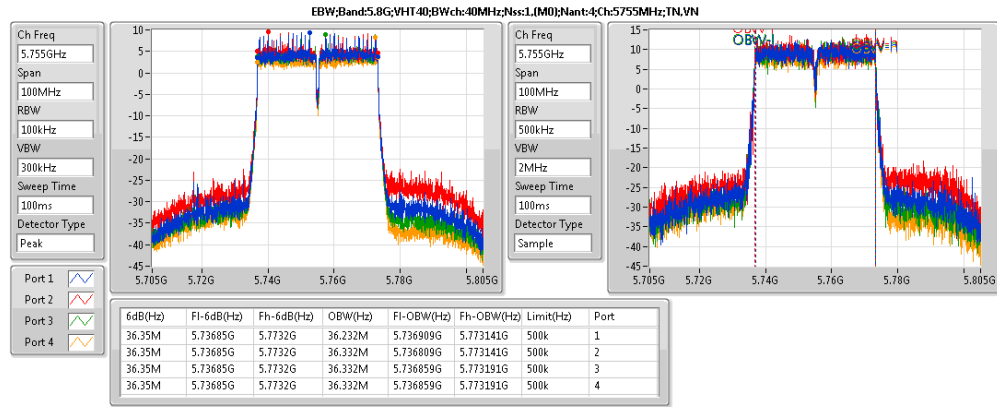
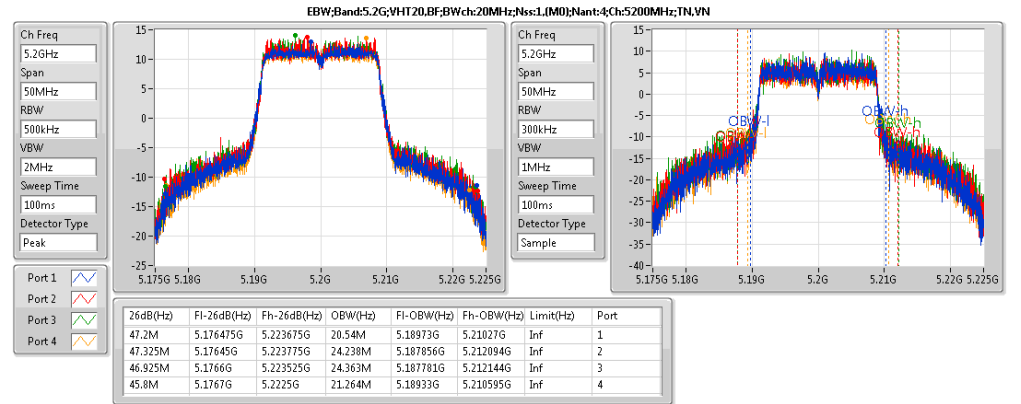
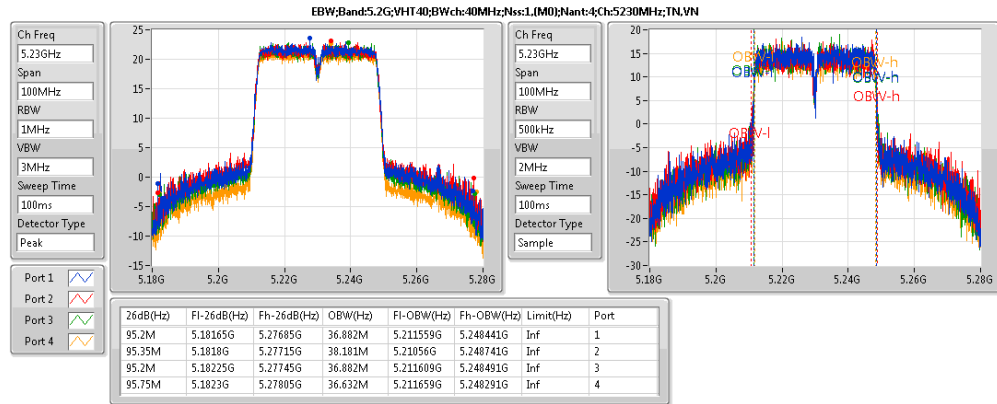
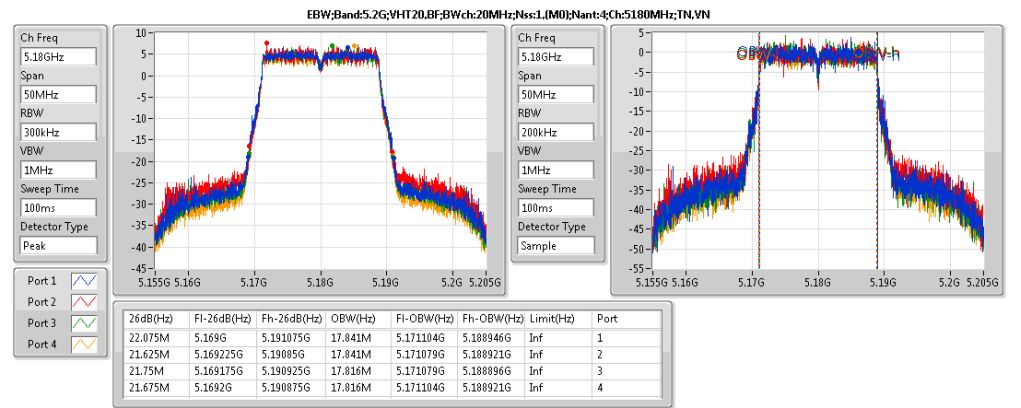
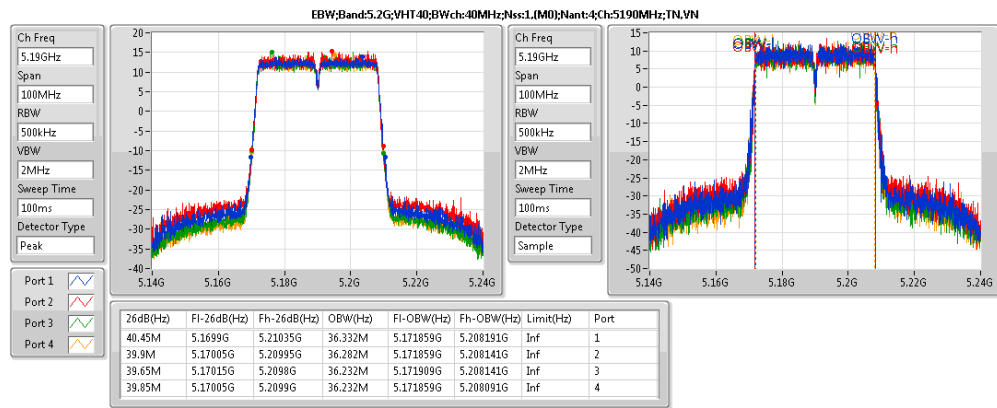
Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.2G;11a;Nss1;Ntx4	42.2M	17.791M	17M8D1D	27.95M	16.717M
5.8G;11a;Nss1;Ntx4	16.375M	39.73M	39M7D1D	15.725M	16.642M
5.2G;VHT20;Nss1,(M0);Ntx4	46.225M	18.366M	18M4D1D	40.9M	18.016M
5.8G;VHT20;Nss1,(M0);Ntx4	17.6M	41.629M	41M6D1D	16.9M	17.816M
5.2G;VHT40;Nss1,(M0);Ntx4	95.75M	38.181M	38M2D1D	39.65M	36.232M
5.8G;VHT40;Nss1,(M0);Ntx4	36.35M	51.274M	51M3D1D	36M	36.232M
5.2G;VHT80;Nss1,(M0);Ntx4	81.4M	75.162M	75M2D1D	80.9M	74.963M
5.8G;VHT80;Nss1,(M0);Ntx4	76.1M	75.962M	76M0D1D	75.8M	75.862M
5.2G;VHT20,BF;Nss1,(M0);Ntx4	47.325M	24.363M	24M4D1D	21.625M	17.816M
5.8G;VHT20,BF;Nss1,(M0);Ntx4	17.575M	31.184M	31M2D1D	17.125M	17.816M
5.2G;VHT40,BF;Nss1,(M0);Ntx4	91.85M	36.682M	36M7D1D	39.95M	36.282M
5.8G;VHT40,BF;Nss1,(M0);Ntx4	36.35M	65.567M	65M6D1D	35.95M	36.232M
5.2G;VHT80,BF;Nss1,(M0);Ntx4	81.4M	75.162M	75M2D1D	80.8M	75.062M
5.8G;VHT80,BF;Nss1,(M0);Ntx4	76.2M	76.062M	76M1D1D	75.7M	75.762M



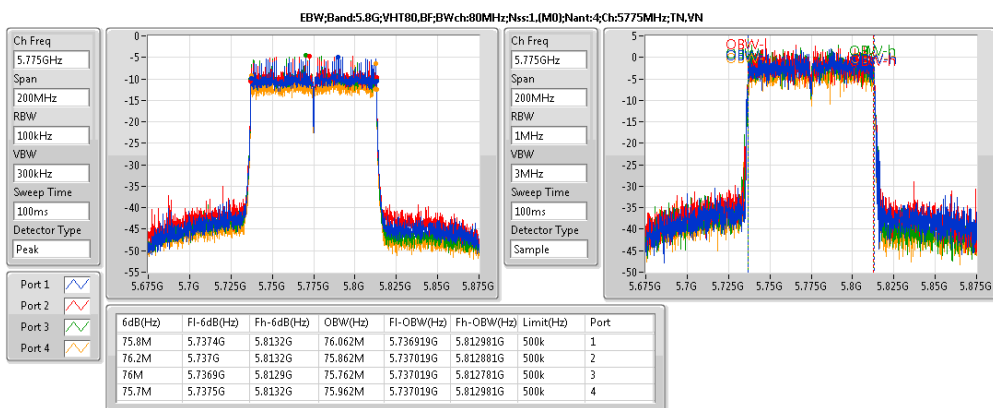
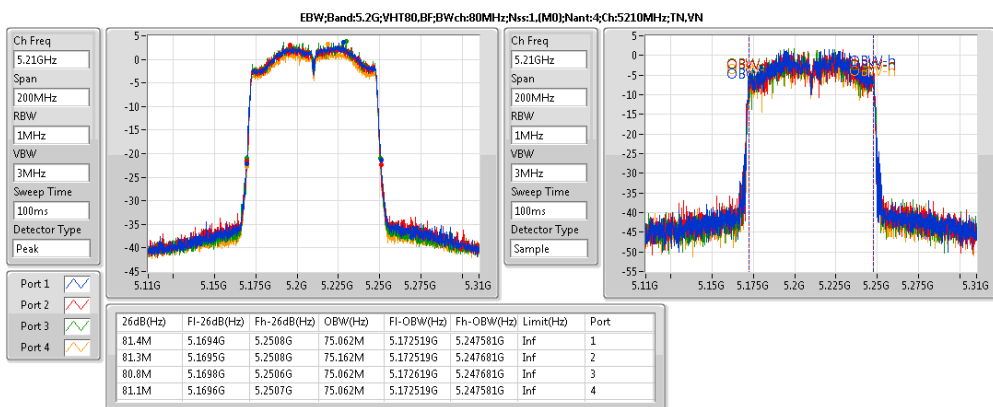
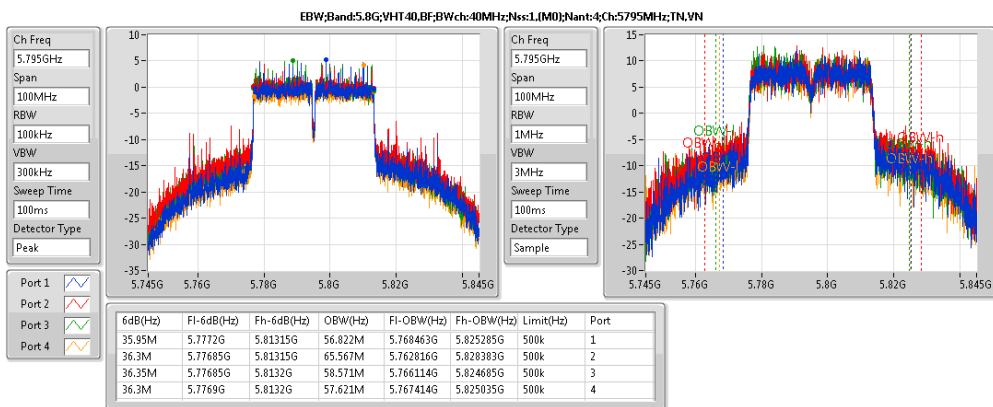
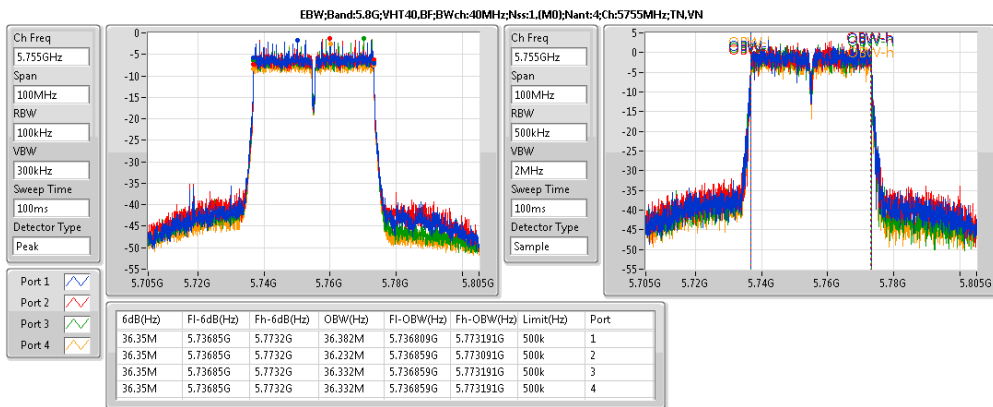
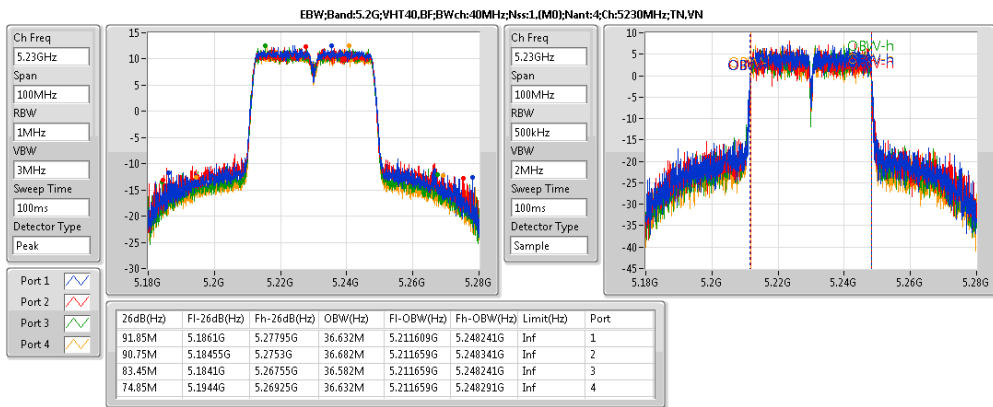
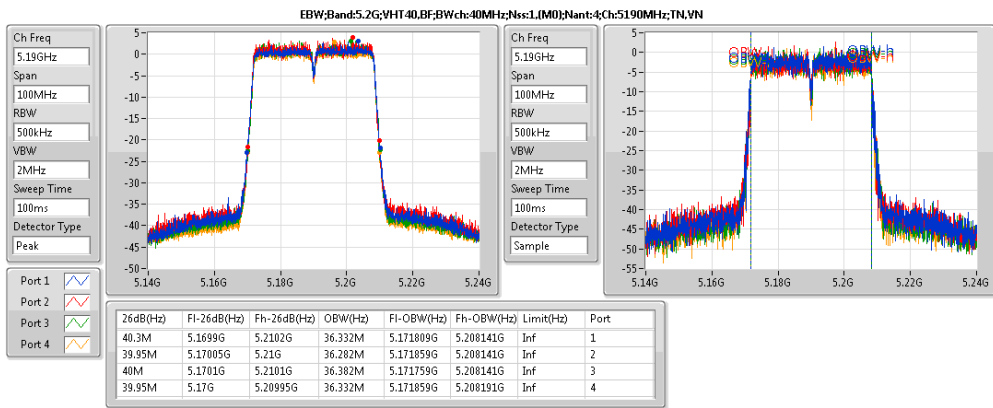
Result

Mode	Result	Limit	P1-N dB (Hz)	P1-OBW (Hz)	P2-N dB (Hz)	P2-OBW (Hz)	P3-N dB (Hz)	P3-OBW (Hz)	P4-N dB (Hz)	P4-OBW (Hz)
5.2G;11a;Nss1;Ntx4;5180	Pass	Inf	31.575M	16.817M	38.85M	17.066M	34.725M	16.867M	30.6M	16.717M
5.2G;11a;Nss1;Ntx4;5200	Pass	Inf	37.725M	17.016M	42.2M	17.791M	37.7M	17.291M	35.275M	16.917M
5.2G;11a;Nss1;Ntx4;5240	Pass	Inf	33.075M	16.842M	38.125M	17.191M	34.65M	16.842M	27.95M	16.767M
5.8G;11a;Nss1;Ntx4;5745	Pass	500k	16.325M	16.692M	16.3M	16.692M	16.325M	16.667M	16.35M	16.642M
5.8G;11a;Nss1;Ntx4;5785	Pass	500k	16.325M	39.73M	16.375M	38.456M	16.3M	38.581M	16.325M	38.331M
5.8G;11a;Nss1;Ntx4;5825	Pass	500k	16.3M	23.088M	16.05M	29.11M	16.275M	23.238M	15.725M	19.54M
5.2G;VHT20;Nss1,(M0);Ntx4;5180	Pass	Inf	43.65M	18.116M	42.525M	18.366M	42.825M	18.091M	40.9M	18.016M
5.2G;VHT20;Nss1,(M0);Ntx4;5200	Pass	Inf	46.225M	18.091M	41.925M	18.241M	42.6M	18.116M	42.225M	18.041M
5.2G;VHT20;Nss1,(M0);Ntx4;5240	Pass	Inf	43.625M	18.116M	42.5M	18.291M	42.75M	18.091M	43.475M	18.041M
5.8G;VHT20;Nss1,(M0);Ntx4;5745	Pass	500k	17.525M	17.891M	17.55M	17.941M	17.3M	17.841M	17.6M	17.816M
5.8G;VHT20;Nss1,(M0);Ntx4;5785	Pass	500k	17.575M	41.629M	17.525M	40.38M	17.55M	40.555M	17.575M	40.305M
5.8G;VHT20;Nss1,(M0);Ntx4;5825	Pass	500k	17.55M	21.289M	17.575M	27.686M	17.55M	19.49M	16.9M	18.891M
5.2G;VHT40;Nss1,(M0);Ntx4;5190	Pass	Inf	40.45M	36.332M	39.9M	36.282M	39.65M	36.232M	39.85M	36.232M
5.2G;VHT40;Nss1,(M0);Ntx4;5230	Pass	Inf	95.2M	36.882M	95.35M	38.181M	95.2M	36.882M	95.75M	36.632M
5.8G;VHT40;Nss1,(M0);Ntx4;5755	Pass	500k	36.35M	36.232M	36.35M	36.332M	36.35M	36.332M	36.35M	36.332M
5.8G;VHT40;Nss1,(M0);Ntx4;5795	Pass	500k	36M	41.979M	36.35M	51.274M	36.3M	39.63M	36.35M	37.081M
5.2G;VHT80;Nss1,(M0);Ntx4;5210	Pass	Inf	81.3M	74.963M	81.4M	75.062M	80.9M	74.963M	81M	75.162M
5.8G;VHT80;Nss1,(M0);Ntx4;5775	Pass	500k	76.1M	75.862M	76.1M	75.962M	76.1M	75.862M	75.8M	75.862M
5.2G;VHT20,BF;Nss1,(M0);Ntx4;5180	Pass	Inf	22.075M	17.841M	21.625M	17.841M	21.75M	17.816M	21.675M	17.816M
5.2G;VHT20,BF;Nss1,(M0);Ntx4;5200	Pass	Inf	47.2M	20.54M	47.325M	24.238M	46.925M	24.363M	45.8M	21.264M
5.2G;VHT20,BF;Nss1,(M0);Ntx4;5240	Pass	Inf	44M	17.991M	45.1M	18.241M	42.55M	18.041M	37.3M	17.941M
5.8G;VHT20,BF;Nss1,(M0);Ntx4;5745	Pass	500k	17.575M	17.891M	17.55M	17.966M	17.575M	17.816M	17.55M	17.866M
5.8G;VHT20,BF;Nss1,(M0);Ntx4;5785	Pass	500k	17.525M	26.112M	17.25M	30.01M	17.125M	25.837M	17.55M	22.764M
5.8G;VHT20,BF;Nss1,(M0);Ntx4;5825	Pass	500k	17.525M	28.261M	17.55M	31.184M	17.5M	27.786M	17.525M	24.338M
5.2G;VHT40,BF;Nss1,(M0);Ntx4;5190	Pass	Inf	40.3M	36.332M	39.95M	36.282M	40M	36.382M	39.95M	36.332M
5.2G;VHT40,BF;Nss1,(M0);Ntx4;5230	Pass	Inf	91.85M	36.632M	90.75M	36.682M	83.45M	36.582M	74.85M	36.632M
5.8G;VHT40,BF;Nss1,(M0);Ntx4;5755	Pass	500k	36.35M	36.382M	36.35M	36.232M	36.35M	36.332M	36.35M	36.332M
5.8G;VHT40,BF;Nss1,(M0);Ntx4;5795	Pass	500k	35.95M	56.822M	36.3M	65.567M	36.35M	58.571M	36.3M	57.621M
5.2G;VHT80,BF;Nss1,(M0);Ntx4;5210	Pass	Inf	81.4M	75.062M	81.3M	75.162M	80.8M	75.062M	81.1M	75.062M
5.8G;VHT80,BF;Nss1,(M0);Ntx4;5775	Pass	500k	75.8M	76.062M	76.2M	75.862M	76M	75.762M	75.7M	75.962M











Summary

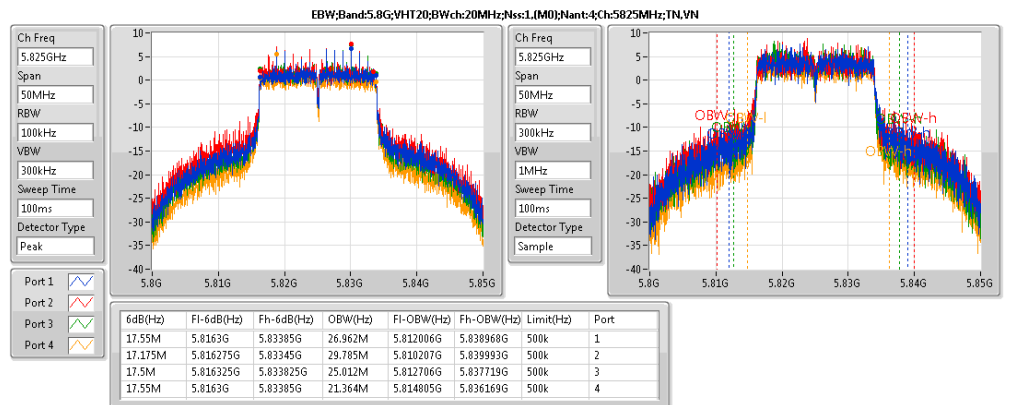
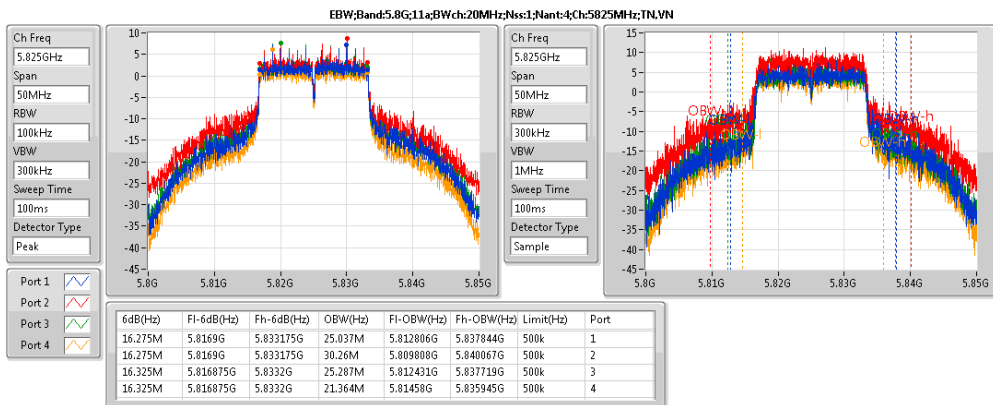
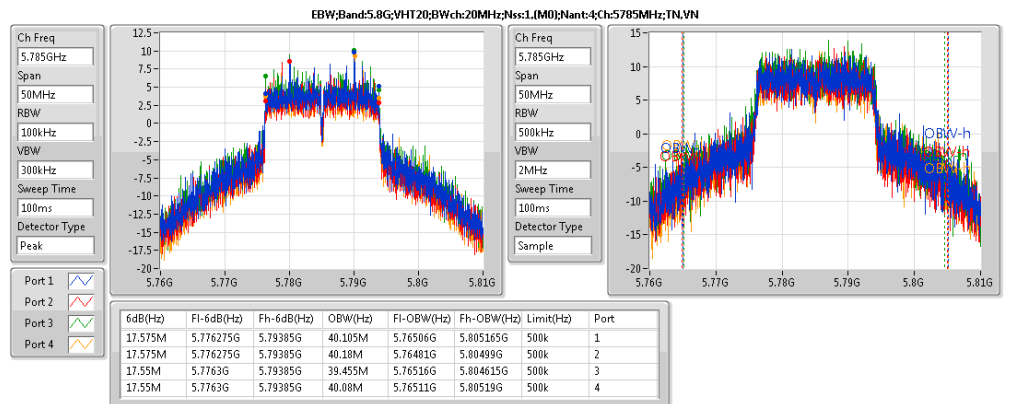
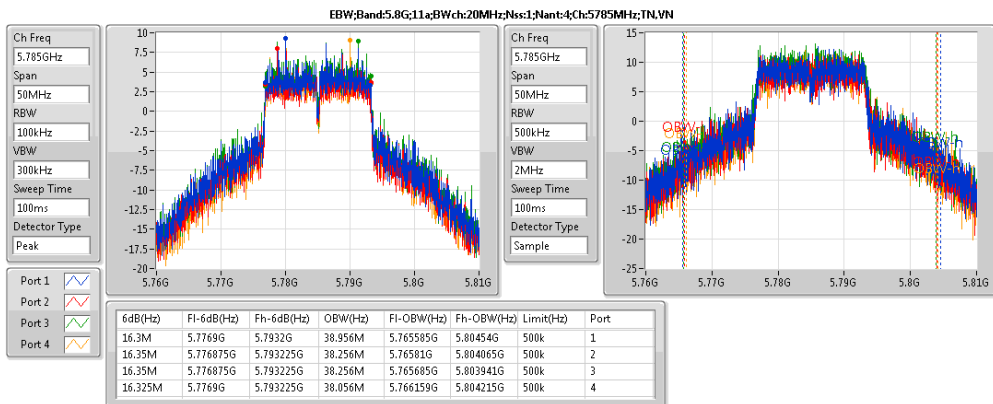
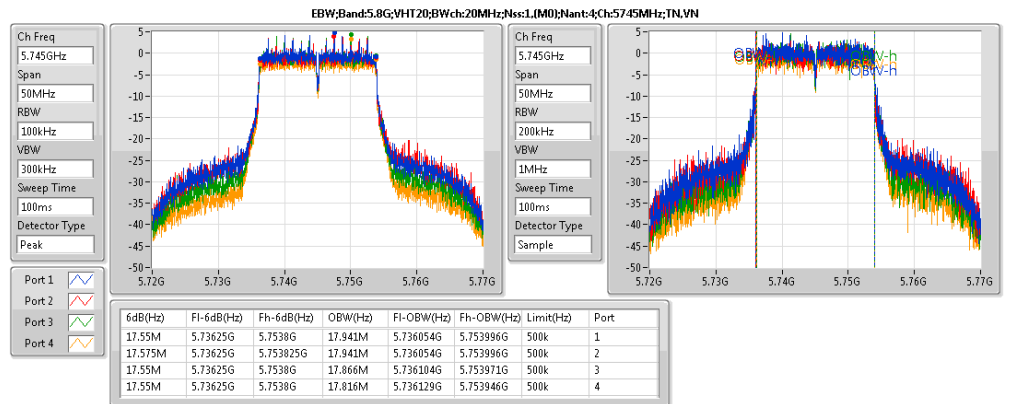
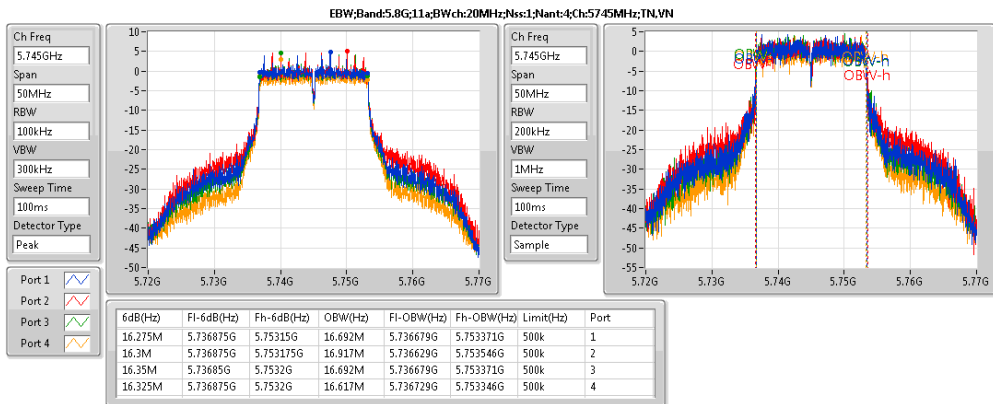
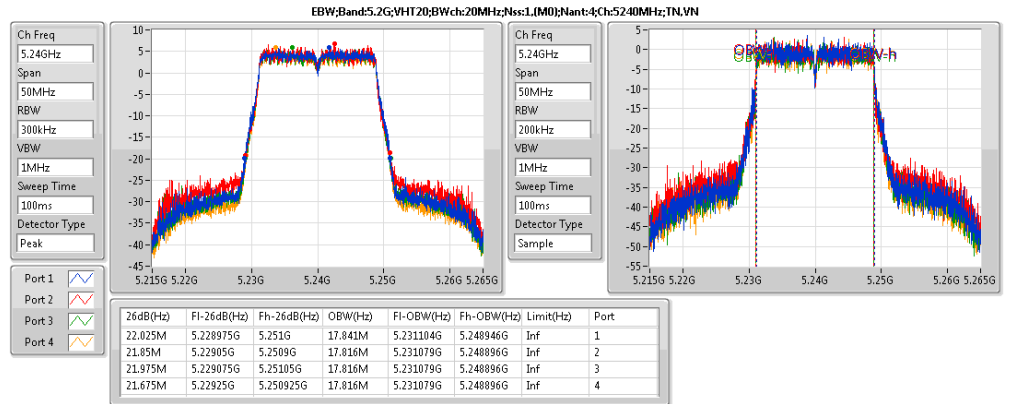
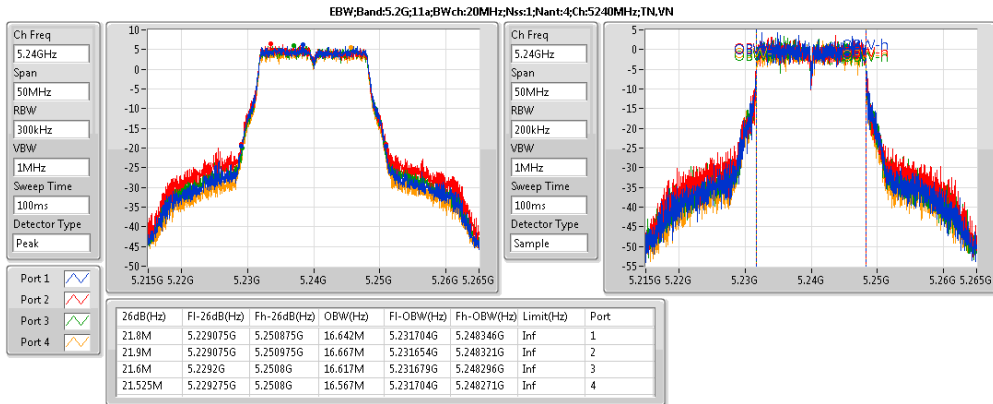
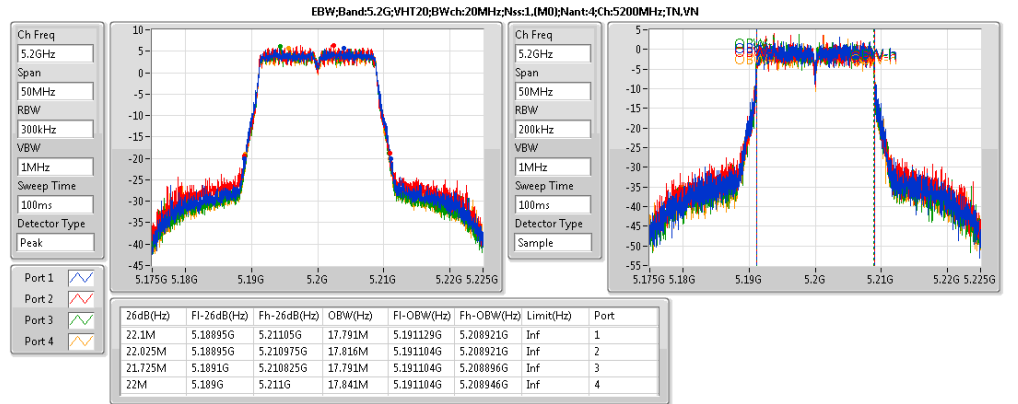
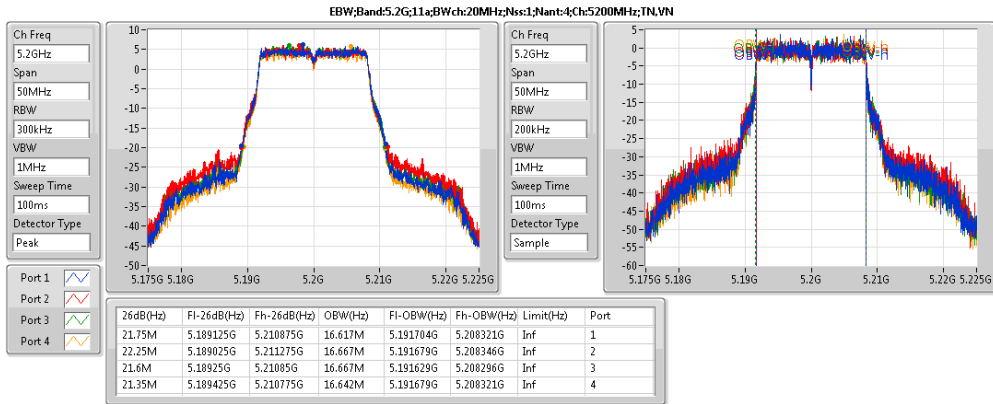
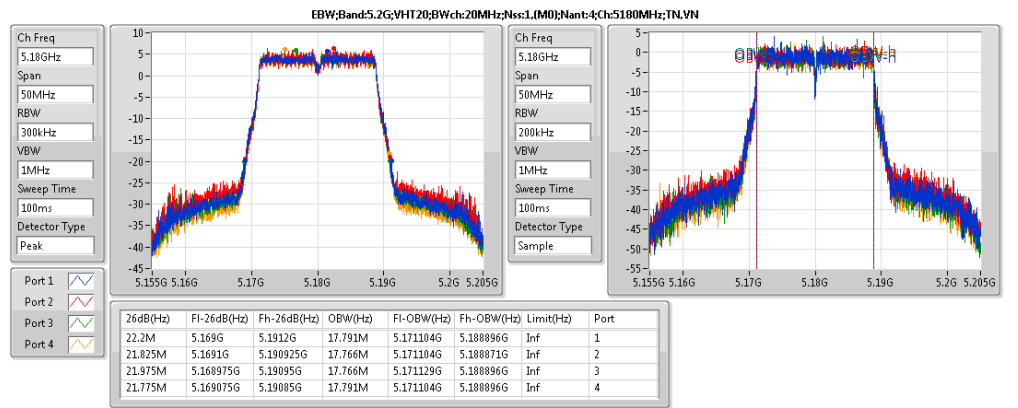
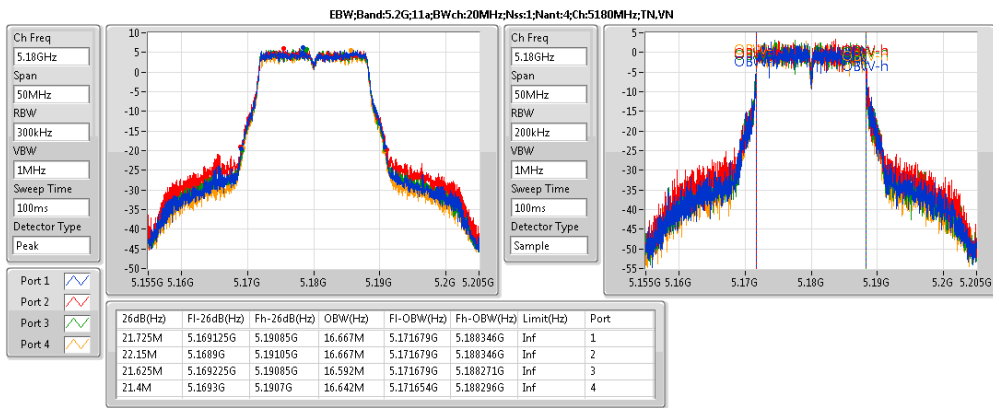
Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
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5.8G;11a;Nss1;Ntx4	16.35M	38.956M	39M0D1D	16.275M	16.617M
5.2G;VHT20;Nss1,(M0);Ntx4	22.2M	17.841M	17M8D1D	21.675M	17.766M
5.8G;VHT20;Nss1,(M0);Ntx4	17.575M	40.18M	40M2D1D	17.175M	17.816M
5.2G;VHT40;Nss1,(M0);Ntx4	96.65M	36.732M	36M7D1D	39.7M	36.282M
5.8G;VHT40;Nss1,(M0);Ntx4	36.35M	56.322M	56M3D1D	36.3M	36.282M
5.2G;VHT80;Nss1,(M0);Ntx4	81.4M	75.262M	75M3D1D	80.9M	74.763M
5.8G;VHT80;Nss1,(M0);Ntx4	76.3M	76.062M	76M1D1D	75.4M	75.662M
5.2G;VHT20,BF;Nss1,(M0);Ntx4	22.1M	17.891M	17M9D1D	21.6M	17.791M
5.8G;VHT20,BF;Nss1,(M0);Ntx4	17.6M	17.866M	17M9D1D	17.55M	17.766M
5.2G;VHT40,BF;Nss1,(M0);Ntx4	40.55M	36.332M	36M3D1D	39.8M	36.282M
5.8G;VHT40,BF;Nss1,(M0);Ntx4	36.35M	36.382M	36M4D1D	36.3M	36.282M
5.2G;VHT80,BF;Nss1,(M0);Ntx4	81.6M	75.162M	75M2D1D	80.8M	74.963M
5.8G;VHT80,BF;Nss1,(M0);Ntx4	76.1M	75.962M	76M0D1D	75.3M	75.862M

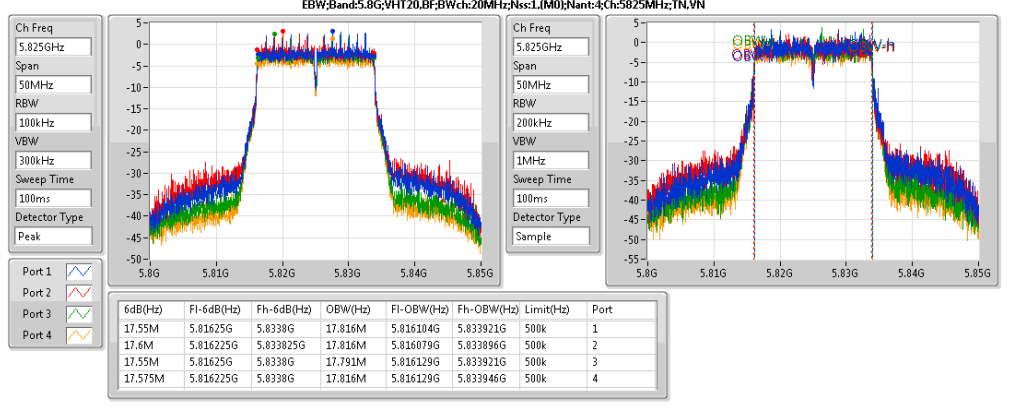
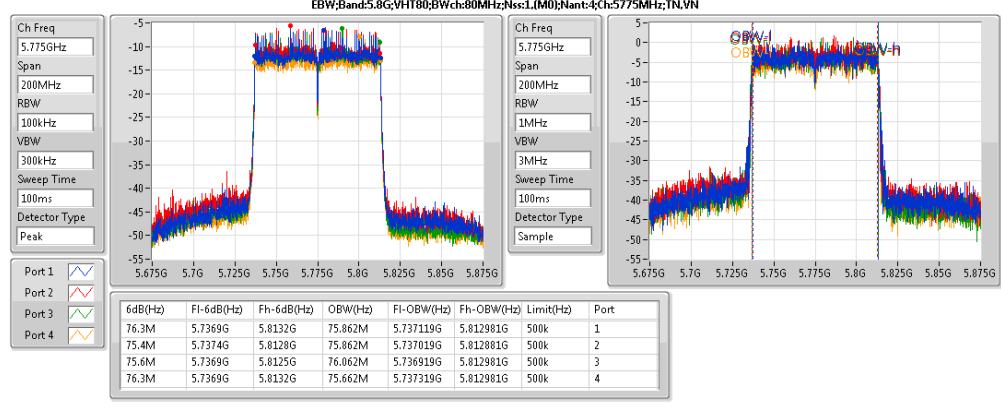
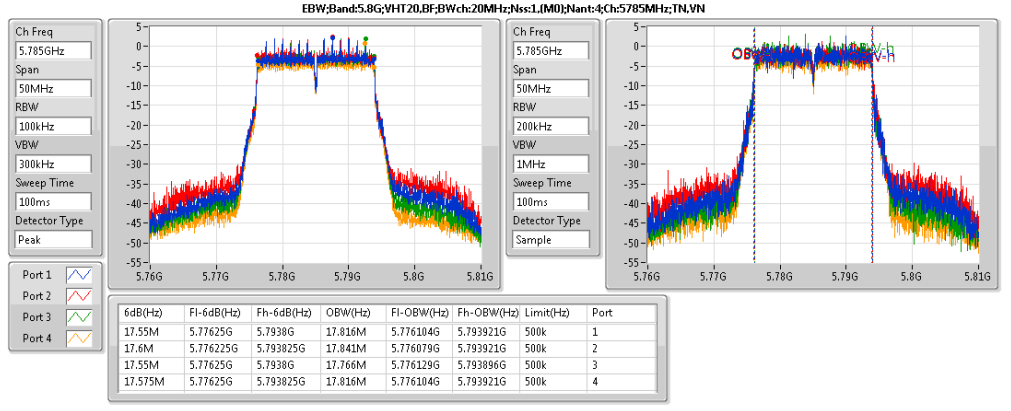
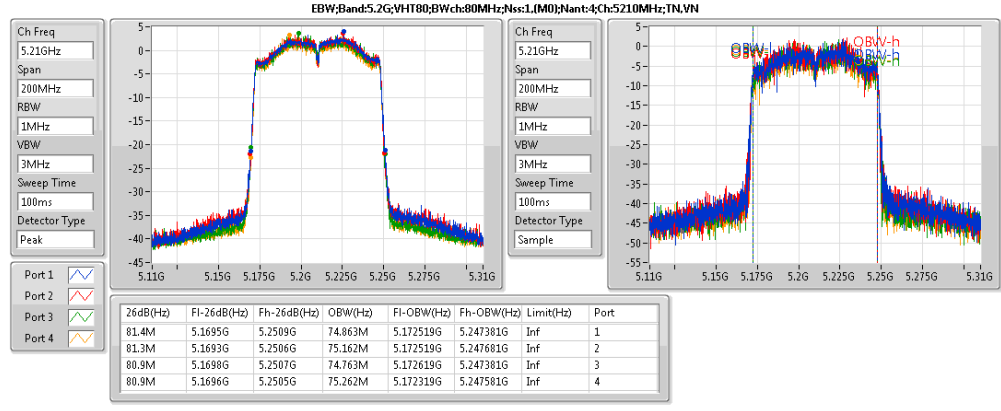
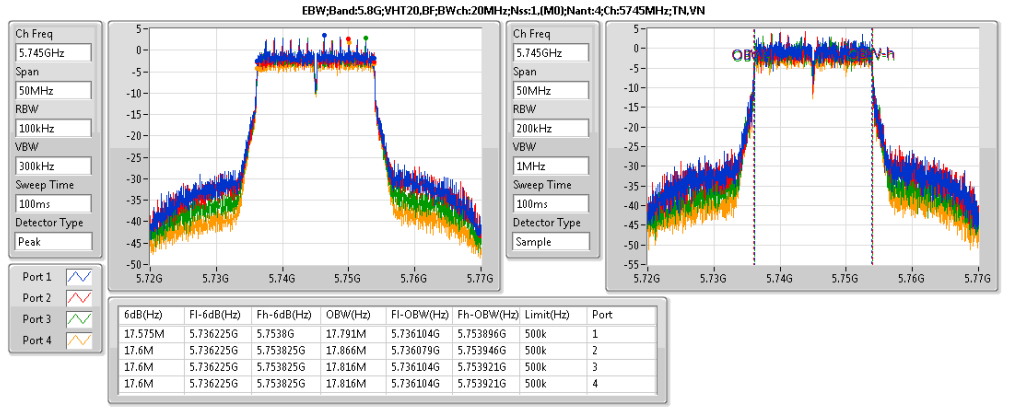
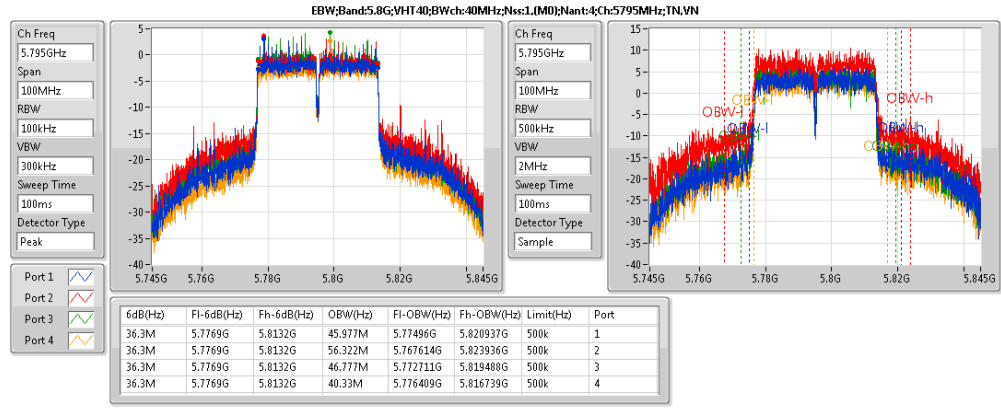
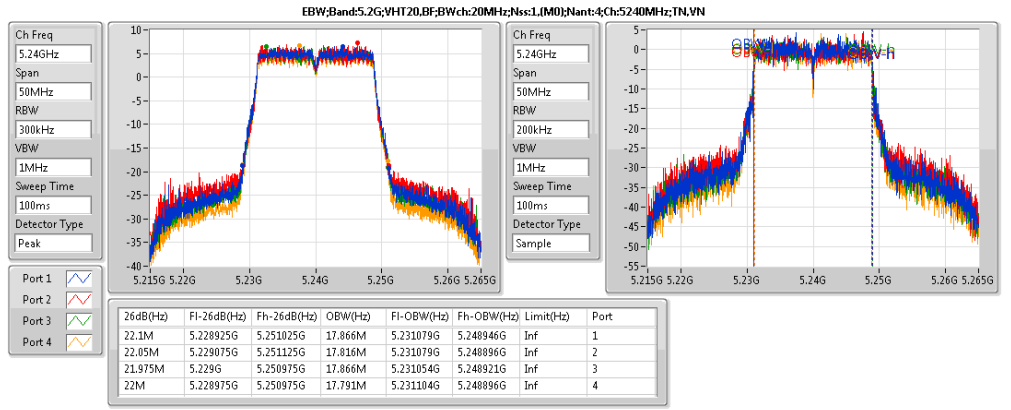
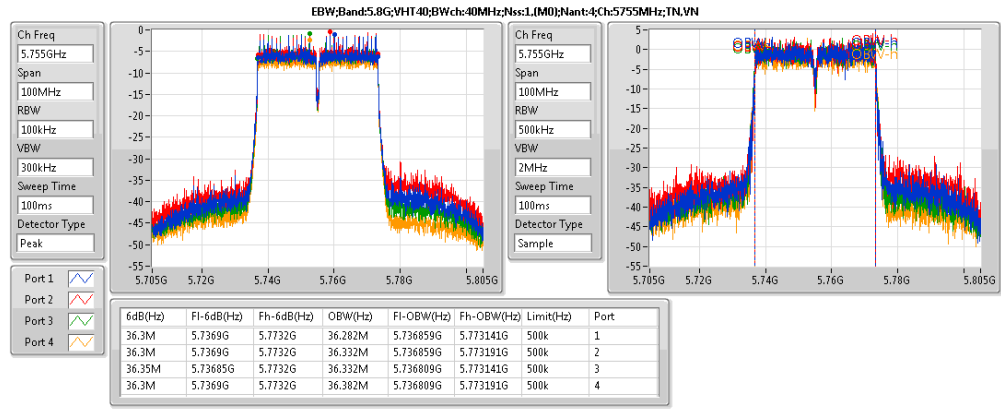
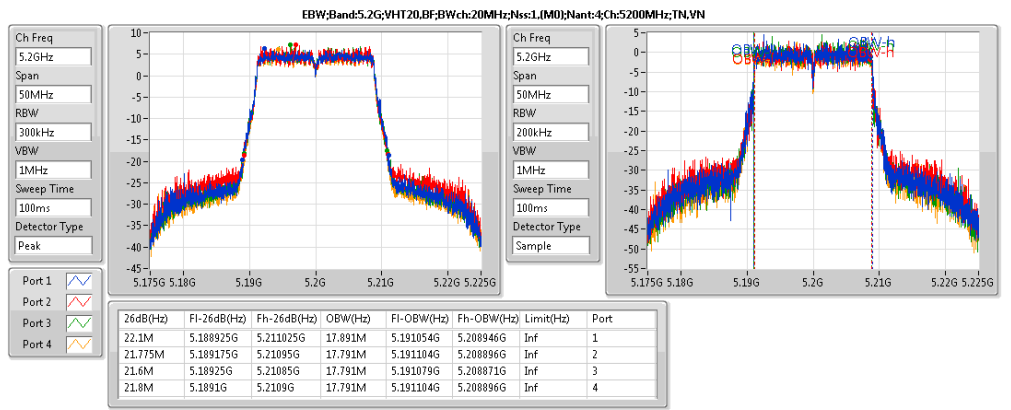
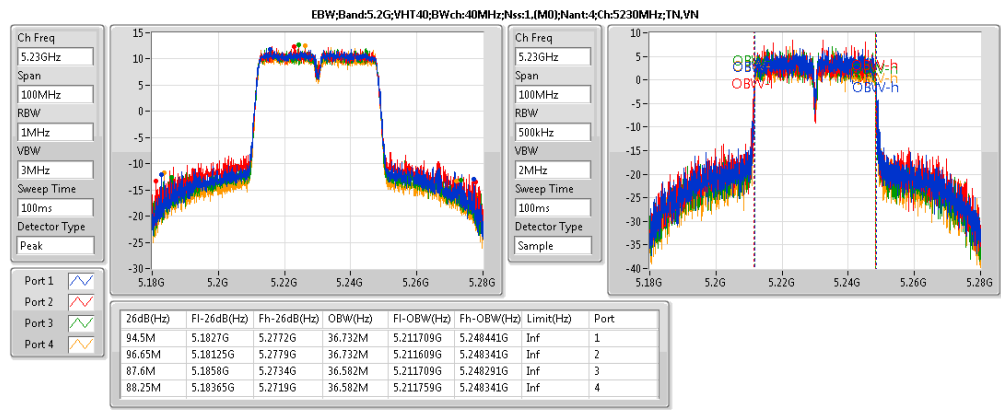
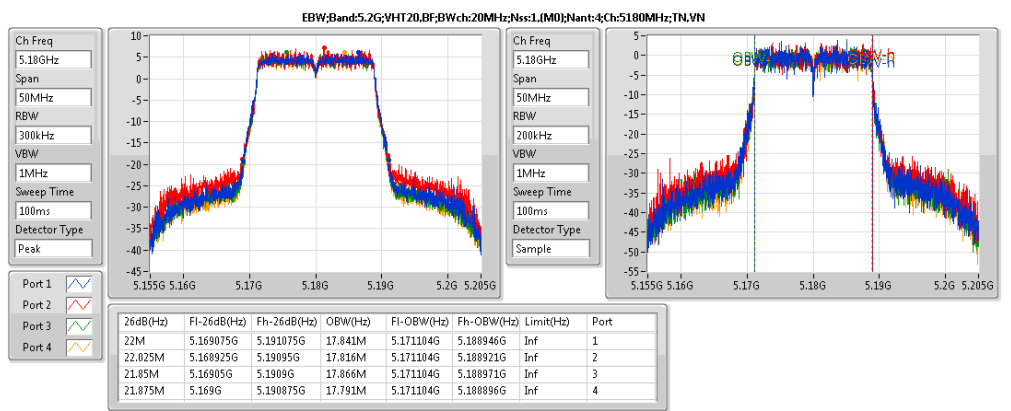
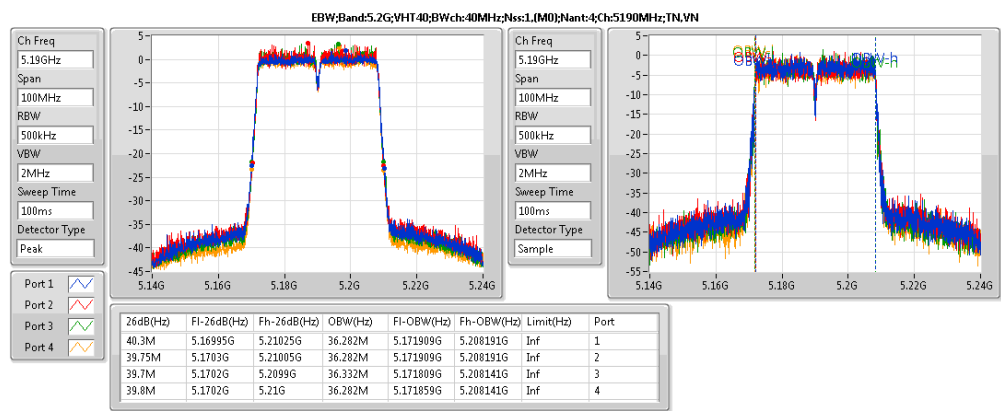


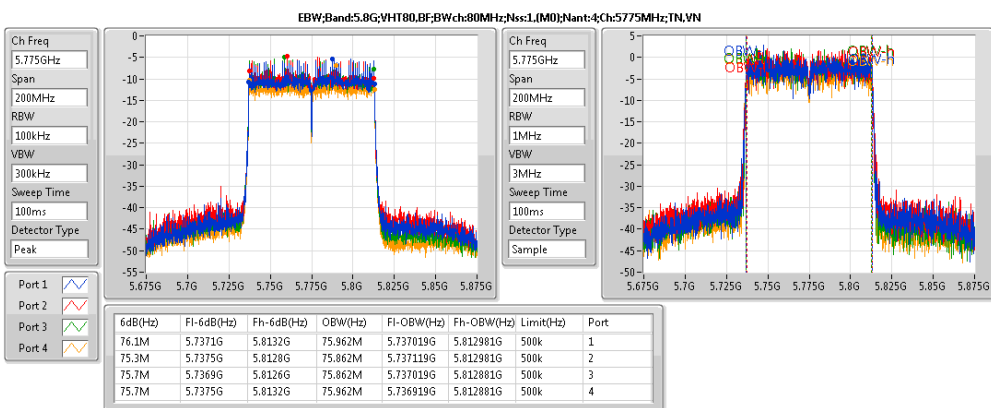
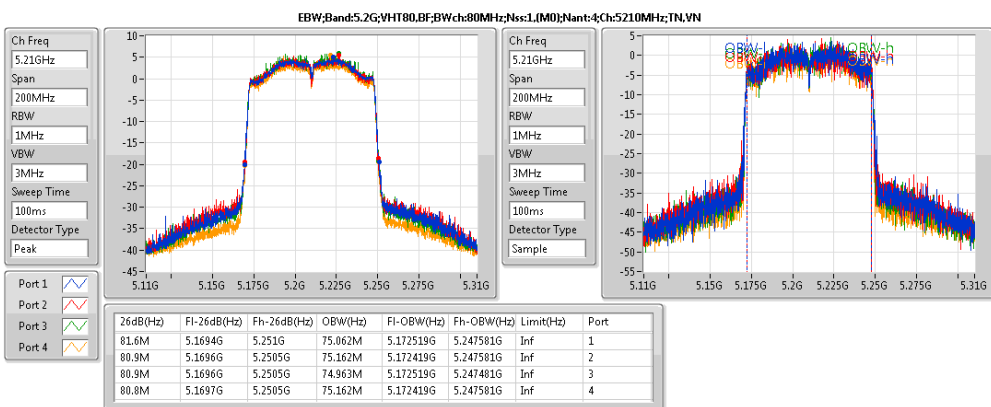
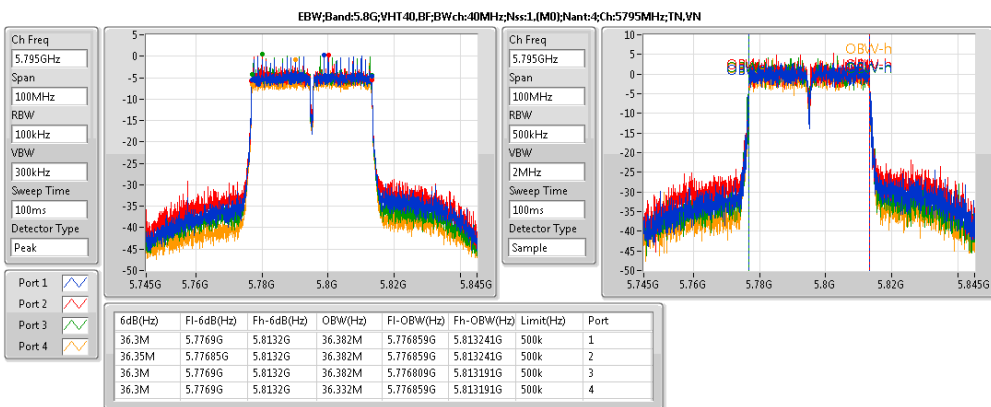
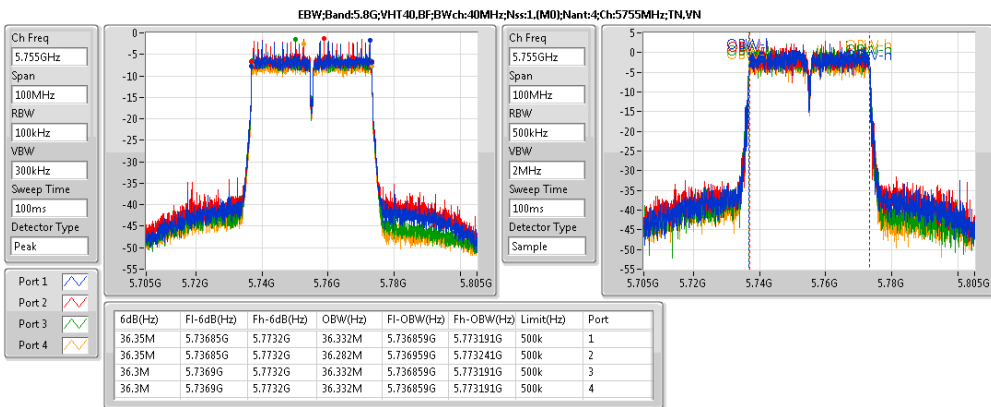
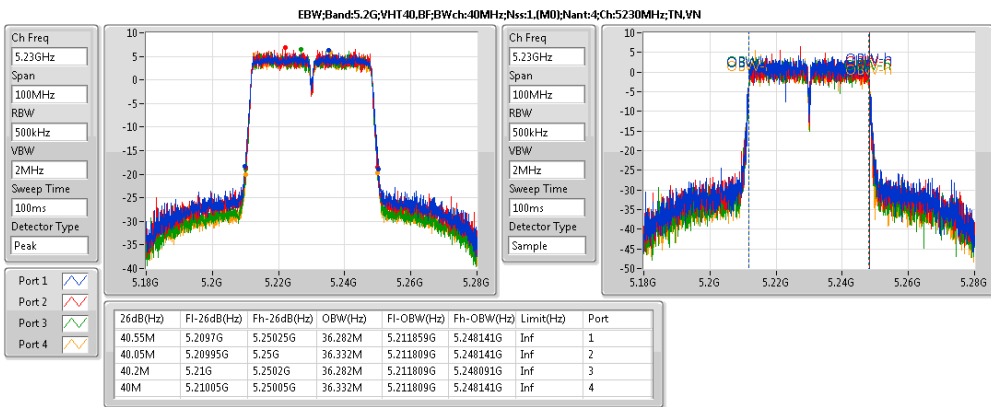
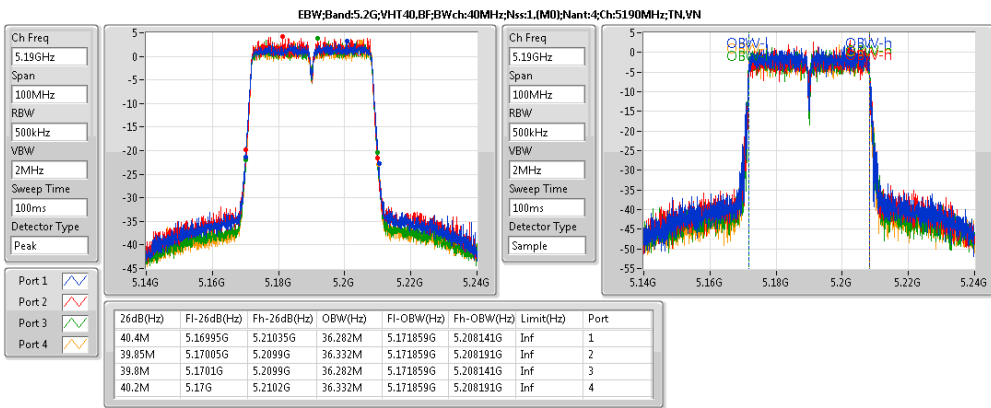
Result

Mode	Result	Limit	P1-N dB (Hz)	P1-OBW (Hz)	P2-N dB (Hz)	P2-OBW (Hz)	P3-N dB (Hz)	P3-OBW (Hz)	P4-N dB (Hz)	P4-OBW (Hz)
5.2G;11a;Nss1;Ntx4;5180	Pass	Inf	21.725M	16.667M	22.15M	16.667M	21.625M	16.592M	21.4M	16.642M
5.2G;11a;Nss1;Ntx4;5200	Pass	Inf	21.75M	16.617M	22.25M	16.667M	21.6M	16.667M	21.35M	16.642M
5.2G;11a;Nss1;Ntx4;5240	Pass	Inf	21.8M	16.642M	21.9M	16.667M	21.6M	16.617M	21.525M	16.567M
5.8G;11a;Nss1;Ntx4;5745	Pass	500k	16.275M	16.692M	16.3M	16.917M	16.35M	16.692M	16.325M	16.617M
5.8G;11a;Nss1;Ntx4;5785	Pass	500k	16.3M	38.956M	16.35M	38.256M	16.35M	38.256M	16.325M	38.056M
5.8G;11a;Nss1;Ntx4;5825	Pass	500k	16.275M	25.037M	16.275M	30.26M	16.325M	25.287M	16.325M	21.364M
5.2G;VHT20;Nss1,(M0);Ntx4;5180	Pass	Inf	22.2M	17.791M	21.825M	17.766M	21.975M	17.766M	21.775M	17.791M
5.2G;VHT20;Nss1,(M0);Ntx4;5200	Pass	Inf	22.1M	17.791M	22.025M	17.816M	21.725M	17.791M	22M	17.841M
5.2G;VHT20;Nss1,(M0);Ntx4;5240	Pass	Inf	22.025M	17.841M	21.85M	17.816M	21.975M	17.816M	21.675M	17.816M
5.8G;VHT20;Nss1,(M0);Ntx4;5745	Pass	500k	17.55M	17.941M	17.575M	17.941M	17.55M	17.866M	17.55M	17.816M
5.8G;VHT20;Nss1,(M0);Ntx4;5785	Pass	500k	17.575M	40.105M	17.575M	40.18M	17.55M	39.455M	17.55M	40.08M
5.8G;VHT20;Nss1,(M0);Ntx4;5825	Pass	500k	17.55M	26.962M	17.175M	29.785M	17.5M	25.012M	17.55M	21.364M
5.2G;VHT40;Nss1,(M0);Ntx4;5190	Pass	Inf	40.3M	36.282M	39.75M	36.282M	39.7M	36.332M	39.8M	36.282M
5.2G;VHT40;Nss1,(M0);Ntx4;5230	Pass	Inf	94.5M	36.732M	96.65M	36.732M	87.6M	36.582M	88.25M	36.582M
5.8G;VHT40;Nss1,(M0);Ntx4;5755	Pass	500k	36.3M	36.282M	36.3M	36.332M	36.35M	36.332M	36.3M	36.382M
5.8G;VHT40;Nss1,(M0);Ntx4;5795	Pass	500k	36.3M	45.977M	36.3M	56.322M	36.3M	46.777M	36.3M	40.33M
5.2G;VHT80;Nss1,(M0);Ntx4;5210	Pass	Inf	81.4M	74.863M	81.3M	75.162M	80.9M	74.763M	80.9M	75.262M
5.8G;VHT80;Nss1,(M0);Ntx4;5775	Pass	500k	76.3M	75.862M	75.4M	75.862M	75.6M	76.062M	76.3M	75.662M
5.2G;VHT20,BF;Nss1,(M0);Ntx4;5180	Pass	Inf	22M	17.841M	22.025M	17.816M	21.85M	17.866M	21.875M	17.791M
5.2G;VHT20,BF;Nss1,(M0);Ntx4;5200	Pass	Inf	22.1M	17.891M	21.775M	17.791M	21.6M	17.791M	21.8M	17.791M
5.2G;VHT20,BF;Nss1,(M0);Ntx4;5240	Pass	Inf	22.1M	17.866M	22.05M	17.816M	21.975M	17.866M	22M	17.791M
5.8G;VHT20,BF;Nss1,(M0);Ntx4;5745	Pass	500k	17.575M	17.791M	17.6M	17.866M	17.6M	17.816M	17.6M	17.816M
5.8G;VHT20,BF;Nss1,(M0);Ntx4;5785	Pass	500k	17.55M	17.816M	17.6M	17.841M	17.55M	17.766M	17.575M	17.816M
5.8G;VHT20,BF;Nss1,(M0);Ntx4;5825	Pass	500k	17.55M	17.816M	17.6M	17.816M	17.55M	17.791M	17.575M	17.816M
5.2G;VHT40,BF;Nss1,(M0);Ntx4;5190	Pass	Inf	40.4M	36.282M	39.85M	36.332M	39.8M	36.282M	40.2M	36.332M
5.2G;VHT40,BF;Nss1,(M0);Ntx4;5230	Pass	Inf	40.55M	36.282M	40.05M	36.332M	40.2M	36.282M	40M	36.332M
5.8G;VHT40,BF;Nss1,(M0);Ntx4;5755	Pass	500k	36.35M	36.332M	36.35M	36.282M	36.3M	36.332M	36.3M	36.332M
5.8G;VHT40,BF;Nss1,(M0);Ntx4;5795	Pass	500k	36.3M	36.382M	36.35M	36.382M	36.3M	36.382M	36.3M	36.332M
5.2G;VHT80,BF;Nss1,(M0);Ntx4;5210	Pass	Inf	81.6M	75.062M	80.9M	75.162M	80.9M	74.963M	80.8M	75.162M
5.8G;VHT80,BF;Nss1,(M0);Ntx4;5775	Pass	500k	76.1M	75.962M	75.3M	75.862M	75.7M	75.862M	75.7M	75.962M











Summary

Mode	Sum (dBm)	Sum (W)	EIRP (dBm)	EIRP (W)
5.2G:11a:Nss1:Ntx4	23.76	0.23768	26.76	0.47424
5.8G:11a:Nss1:Ntx4	26.44	0.44055	29.44	0.87902
5.2G:VHT20:Nss1,(M0):Ntx4	23.88	0.24434	26.88	0.48753
5.8G:VHT20:Nss1,(M0):Ntx4	26.13	0.4102	29.13	0.81846
5.2G:VHT40:Nss1,(M0):Ntx4	23.70	0.23442	26.70	0.46774
5.8G:VHT40:Nss1,(M0):Ntx4	24.24	0.26546	27.24	0.52966
5.2G:VHT80:Nss1,(M0):Ntx4	18.94	0.07834	21.94	0.15631
5.8G:VHT80:Nss1,(M0):Ntx4	17.54	0.05675	20.54	0.11324
5.2G:VHT20,BF:Nss1,(M0):Ntx4	24.50	0.28184	33.52	2.24905
5.8G:VHT20,BF:Nss1,(M0):Ntx4	25.68	0.36983	34.70	2.95121
5.2G:VHT40,BF:Nss1,(M0):Ntx4	23.18	0.20797	32.20	1.65959
5.8G:VHT40,BF:Nss1,(M0):Ntx4	24.69	0.29444	33.71	2.34963
5.2G:VHT80,BF:Nss1,(M0):Ntx4	15.39	0.03459	24.41	0.27606
5.8G:VHT80,BF:Nss1,(M0):Ntx4	17.75	0.05957	26.78	0.47643



Result

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP Lim. (dBm)	Sum (dBm)	Sum Lim. (dBm)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)
5.2G:11a:Nss1:Ntx4:5180	Pass	3.00	26.28	36.00	23.28	30.00	16.97	17.64	17.42	16.95
5.2G:11a:Nss1:Ntx4:5200	Pass	3.00	26.76	36.00	23.76	30.00	17.52	18.08	17.63	17.69
5.2G:11a:Nss1:Ntx4:5240	Pass	3.00	25.95	36.00	22.95	30.00	16.56	17.17	17.28	16.67
5.8G:11a:Nss1:Ntx4:5745	Pass	3.00	25.31	36.00	22.31	30.00	16.33	16.45	16.18	16.21
5.8G:11a:Nss1:Ntx4:5785	Pass	3.00	29.44	36.00	26.44	30.00	20.34	20.36	20.12	20.82
5.8G:11a:Nss1:Ntx4:5825	Pass	3.00	28.12	36.00	25.12	30.00	19.16	19.18	18.97	19.1
5.2G:VHT20:Nss1,(M0):Ntx4:5180	Pass	3.00	26.75	36.00	23.75	30.00	17.52	17.99	18.01	17.35
5.2G:VHT20:Nss1,(M0):Ntx4:5200	Pass	3.00	26.88	36.00	23.88	30.00	17.61	18.49	17.56	17.73
5.2G:VHT20:Nss1,(M0):Ntx4:5240	Pass	3.00	26.61	36.00	23.61	30.00	17.23	17.86	17.93	17.28
5.8G:VHT20:Nss1,(M0):Ntx4:5745	Pass	3.00	24.92	36.00	21.92	30.00	15.86	15.98	16.01	15.75
5.8G:VHT20:Nss1,(M0):Ntx4:5785	Pass	3.00	29.13	36.00	26.13	30.00	20.07	20.15	19.91	20.29
5.8G:VHT20:Nss1,(M0):Ntx4:5825	Pass	3.00	26.86	36.00	23.86	30.00	17.82	17.88	17.85	17.81
5.2G:VHT40:Nss1,(M0):Ntx4:5190	Pass	3.00	21.01	36.00	18.01	30.00	12.77	12.17	12.11	10.62
5.2G:VHT40:Nss1,(M0):Ntx4:5230	Pass	3.00	26.70	36.00	23.70	30.00	17.26	17.69	17.91	17.83
5.8G:VHT40:Nss1,(M0):Ntx4:5755	Pass	3.00	22.75	36.00	19.75	30.00	13.71	13.87	13.69	13.63
5.8G:VHT40:Nss1,(M0):Ntx4:5795	Pass	3.00	27.24	36.00	24.24	30.00	18.26	18.37	18.18	18.08
5.2G:VHT80:Nss1,(M0):Ntx4:5210	Pass	3.00	21.94	36.00	18.94	30.00	12.36	13.16	13.28	12.82
5.8G:VHT80:Nss1,(M0):Ntx4:5775	Pass	3.00	20.54	36.00	17.54	30.00	11.68	11.73	11.40	11.26
5.2G:VHT20,BF:Nss1,(M0):Ntx4:5180	Pass	9.02	29.49	36.00	20.47	26.98	15.13	14.16	14.3	14.11
5.2G:VHT20,BF:Nss1,(M0):Ntx4:5200	Pass	9.02	33.52	36.00	24.50	26.98	19.03	18.5	18.33	17.99
5.2G:VHT20,BF:Nss1,(M0):Ntx4:5240	Pass	9.02	31.49	36.00	22.47	26.98	17.08	16.02	16.11	16.52
5.8G:VHT20,BF:Nss1,(M0):Ntx4:5745	Pass	9.02	30.74	36.00	21.72	26.98	15.79	15.47	15.25	16.24
5.8G:VHT20,BF:Nss1,(M0):Ntx4:5785	Pass	9.02	34.70	36.00	25.68	26.98	20.44	19.21	18.94	19.87
5.8G:VHT20,BF:Nss1,(M0):Ntx4:5825	Pass	9.02	33.95	36.00	24.92	26.98	19.21	18.47	18.35	19.48
5.2G:VHT40,BF:Nss1,(M0):Ntx4:5190	Pass	9.02	25.34	36.00	16.32	26.98	10.98	10.36	10.13	9.6
5.2G:VHT40,BF:Nss1,(M0):Ntx4:5230	Pass	9.02	32.20	36.00	23.18	26.98	17.66	16.59	16.75	17.53
5.8G:VHT40,BF:Nss1,(M0):Ntx4:5755	Pass	9.02	27.81	36.00	18.79	26.98	12.95	12.6	12.36	13.12
5.8G:VHT40,BF:Nss1,(M0):Ntx4:5795	Pass	9.02	33.71	36.00	24.69	26.98	19.44	18.02	18.2	18.88
5.2G:VHT80,BF:Nss1,(M0):Ntx4:5210	Pass	9.02	24.41	36.00	15.39	26.98	9.93	9.47	9.00	8.99
5.8G:VHT80,BF:Nss1,(M0):Ntx4:5775	Pass	9.02	26.78	36.00	17.75	26.98	12.19	11.29	11.22	12.14





Summary

Mode	Sum (dBm)	Sum (W)	EIRP (dBm)	EIRP (W)
5.2G:11a:Nss1:Ntx4	20.76	0.11912	30.16	1.03753
5.8G:11a:Nss1:Ntx4	26.44	0.44055	35.84	3.83707
5.2G:VHT20:Nss1,(M0):Ntx4	20.49	0.11194	29.89	0.97499
5.8G:VHT20:Nss1,(M0):Ntx4	26.13	0.4102	35.53	3.57273
5.2G:VHT40:Nss1,(M0):Ntx4	22.44	0.17539	31.84	1.52757
5.8G:VHT40:Nss1,(M0):Ntx4	24.24	0.26546	33.64	2.31206
5.2G:VHT80:Nss1,(M0):Ntx4	15.64	0.03664	25.04	0.31915
5.8G:VHT80:Nss1,(M0):Ntx4	17.54	0.05675	26.94	0.49431
5.2G:VHT20,BF:Nss1,(M0):Ntx4	20.50	0.1122	35.92	3.90841
5.8G:VHT20,BF:Nss1,(M0):Ntx4	20.47	0.11143	35.89	3.8815
5.2G:VHT40,BF:Nss1,(M0):Ntx4	20.52	0.11272	35.94	3.92645
5.8G:VHT40,BF:Nss1,(M0):Ntx4	20.44	0.11066	35.86	3.85478
5.2G:VHT80,BF:Nss1,(M0):Ntx4	18.27	0.06714	33.69	2.33884
5.8G:VHT80,BF:Nss1,(M0):Ntx4	17.75	0.05957	33.18	2.0797



Result

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP Lim. (dBm)	Sum (dBm)	Sum Lim. (dBm)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)
5.2G:11a:Nss1:Ntx4:5180	Pass	9.40	30.10	36.00	20.70	26.60	14.56	14.87	14.83	14.45
5.2G:11a:Nss1:Ntx4:5200	Pass	9.40	30.16	36.00	20.76	26.60	14.79	14.92	14.91	14.32
5.2G:11a:Nss1:Ntx4:5240	Pass	9.40	30.08	36.00	20.68	26.60	14.76	14.93	14.75	14.18
5.8G:11a:Nss1:Ntx4:5745	Pass	9.40	31.71	36.00	22.31	26.60	16.33	16.45	16.18	16.21
5.8G:11a:Nss1:Ntx4:5785	Pass	9.40	35.84	36.00	26.44	26.60	20.34	20.36	20.12	20.82
5.8G:11a:Nss1:Ntx4:5825	Pass	9.40	34.52	36.00	25.12	26.60	19.16	19.18	18.97	19.1
5.2G:VHT20:Nss1,(M0):Ntx4:5180	Pass	9.40	29.84	36.00	20.44	26.60	14.38	14.74	14.23	14.32
5.2G:VHT20:Nss1,(M0):Ntx4:5200	Pass	9.40	29.89	36.00	20.49	26.60	14.43	14.46	14.69	14.27
5.2G:VHT20:Nss1,(M0):Ntx4:5240	Pass	9.40	29.88	36.00	20.48	26.60	14.76	14.56	14.17	14.31
5.8G:VHT20:Nss1,(M0):Ntx4:5745	Pass	9.40	31.32	36.00	21.92	26.60	15.86	15.98	16.01	15.75
5.8G:VHT20:Nss1,(M0):Ntx4:5785	Pass	9.40	35.53	36.00	26.13	26.60	20.07	20.15	19.91	20.29
5.8G:VHT20:Nss1,(M0):Ntx4:5825	Pass	9.40	33.26	36.00	23.86	26.60	17.82	17.88	17.85	17.81
5.2G:VHT40:Nss1,(M0):Ntx4:5190	Pass	9.40	25.47	36.00	16.07	26.60	10.73	10.11	9.88	9.35
5.2G:VHT40:Nss1,(M0):Ntx4:5230	Pass	9.40	31.84	36.00	22.44	26.60	16.86	16.44	16.56	15.75
5.8G:VHT40:Nss1,(M0):Ntx4:5755	Pass	9.40	29.15	36.00	19.75	26.60	13.71	13.87	13.69	13.63
5.8G:VHT40:Nss1,(M0):Ntx4:5795	Pass	9.40	33.64	36.00	24.24	26.60	18.26	18.37	18.18	18.08
5.2G:VHT80:Nss1,(M0):Ntx4:5210	Pass	9.40	25.04	36.00	15.64	26.60	10.18	9.72	9.25	9.24
5.8G:VHT80:Nss1,(M0):Ntx4:5775	Pass	9.40	26.94	36.00	17.54	26.60	11.68	11.72	11.4	11.26
5.2G:VHT20,BF:Nss1,(M0):Ntx4:5180	Pass	15.42	35.89	36.00	20.47	20.58	15.13	14.16	14.3	14.11
5.2G:VHT20,BF:Nss1,(M0):Ntx4:5200	Pass	15.42	35.92	36.00	20.50	20.58	15.03	14.5	14.33	13.99
5.2G:VHT20,BF:Nss1,(M0):Ntx4:5240	Pass	15.42	35.89	36.00	20.47	20.58	15.08	14.02	14.11	14.52
5.8G:VHT20,BF:Nss1,(M0):Ntx4:5745	Pass	15.42	35.89	36.00	20.47	20.58	14.54	14.22	14	14.99
5.8G:VHT20,BF:Nss1,(M0):Ntx4:5785	Pass	15.42	35.85	36.00	20.43	20.58	15.19	13.96	13.69	14.62
5.8G:VHT20,BF:Nss1,(M0):Ntx4:5825	Pass	15.42	35.85	36.00	20.42	20.58	14.71	13.97	13.85	14.98
5.2G:VHT40,BF:Nss1,(M0):Ntx4:5190	Pass	15.42	32.49	36.00	17.07	20.58	11.38	10.8	10.58	11.37
5.2G:VHT40,BF:Nss1,(M0):Ntx4:5230	Pass	15.42	35.94	36.00	20.52	20.58	15.06	13.99	14.15	14.71
5.8G:VHT40,BF:Nss1,(M0):Ntx4:5755	Pass	15.42	34.21	36.00	18.79	20.58	12.95	12.6	12.36	13.12
5.8G:VHT40,BF:Nss1,(M0):Ntx4:5795	Pass	15.42	35.86	36.00	20.44	20.58	15.19	13.77	13.95	14.63
5.2G:VHT80,BF:Nss1,(M0):Ntx4:5210	Pass	15.42	33.69	36.00	18.27	20.58	12.58	11.86	11.84	12.66
5.8G:VHT80,BF:Nss1,(M0):Ntx4:5775	Pass	15.42	33.18	36.00	17.75	20.58	12.19	11.29	11.22	12.14



Summary

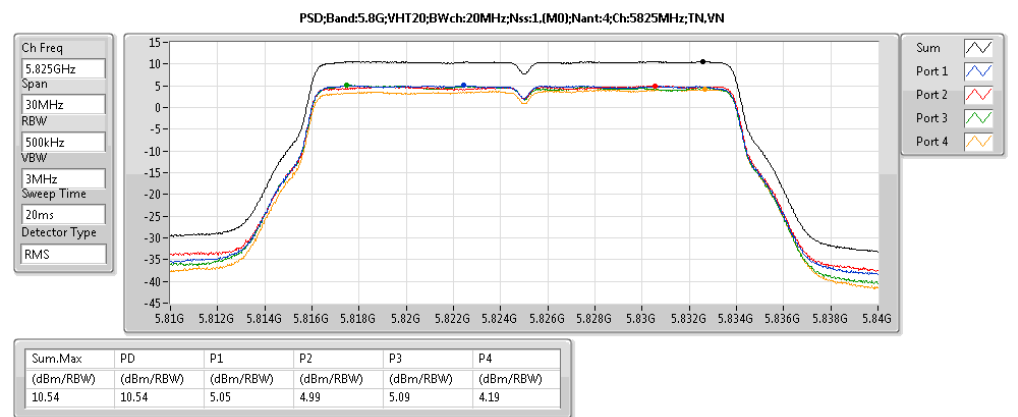
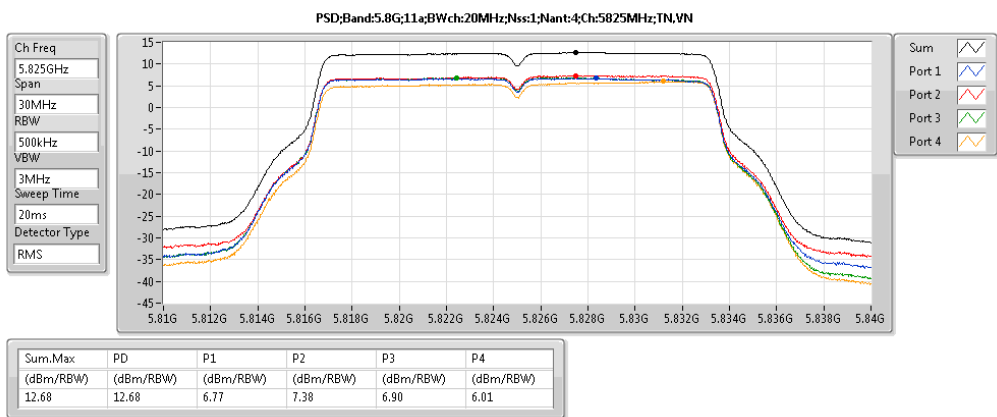
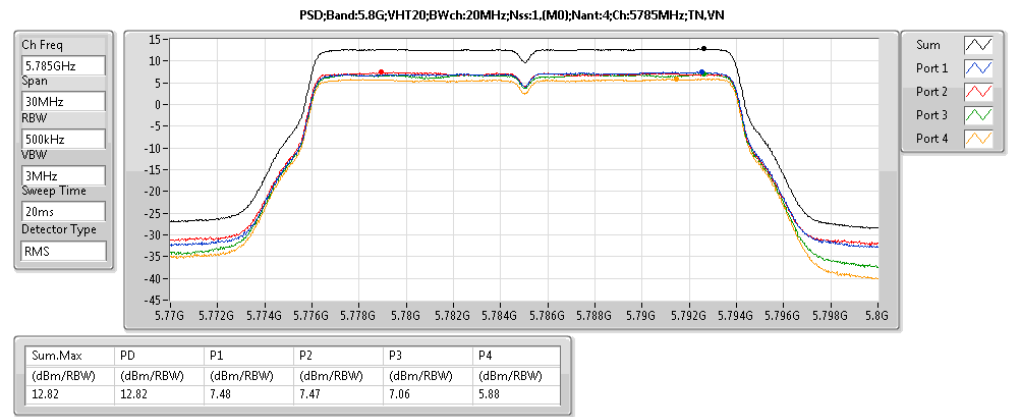
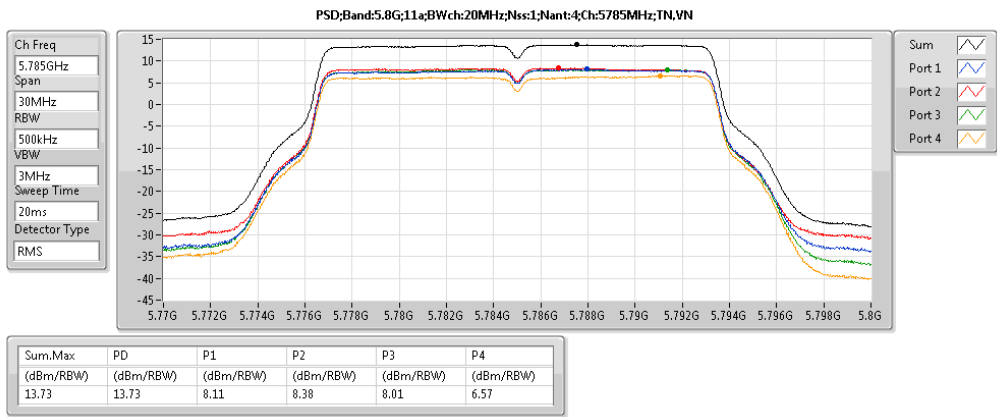
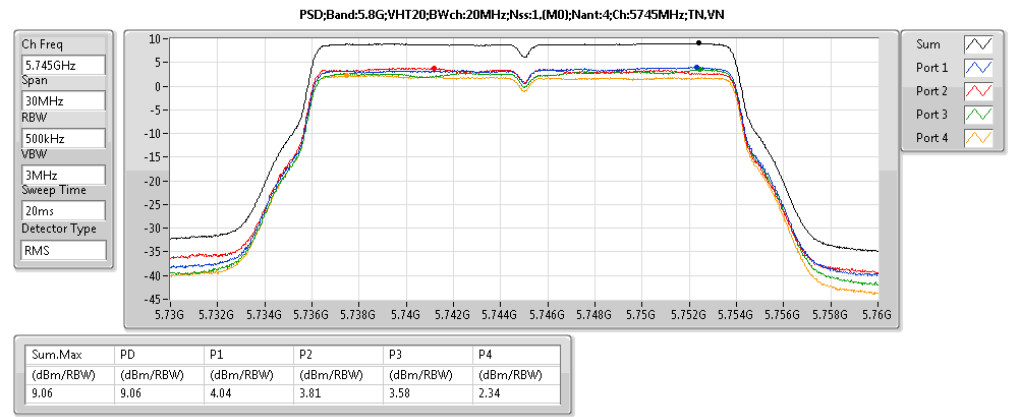
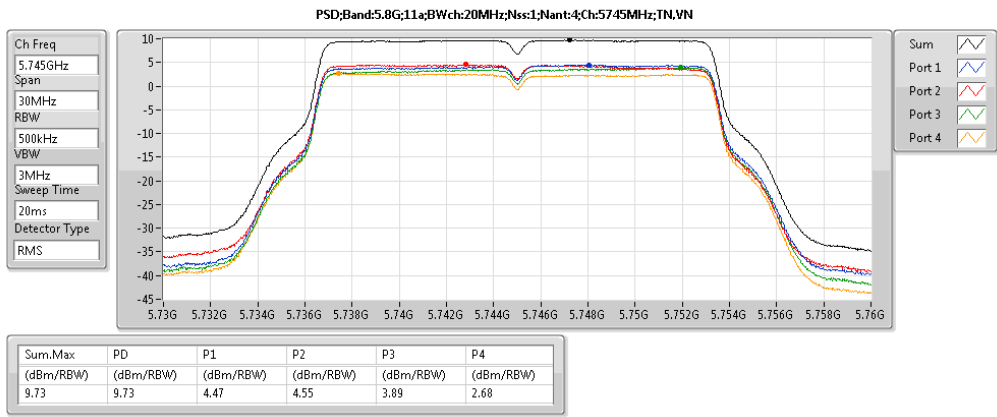
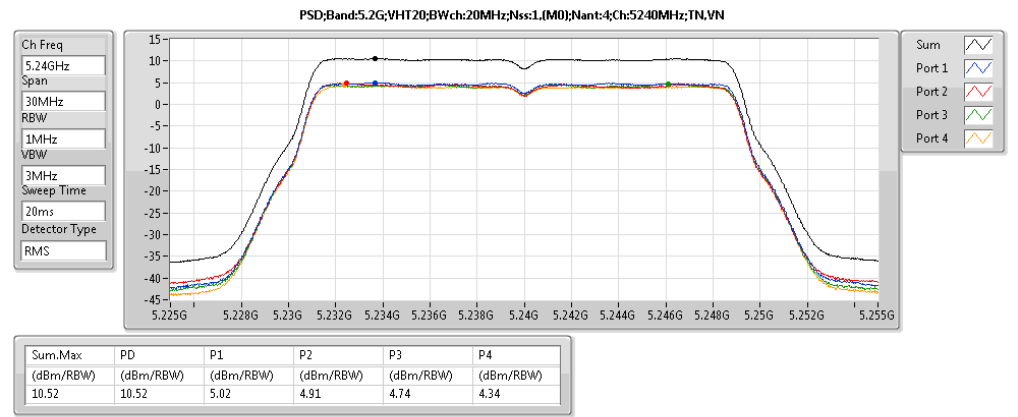
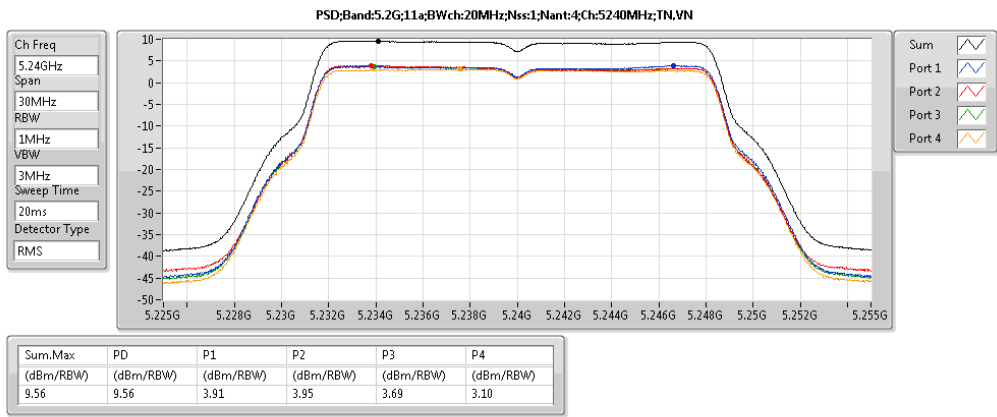
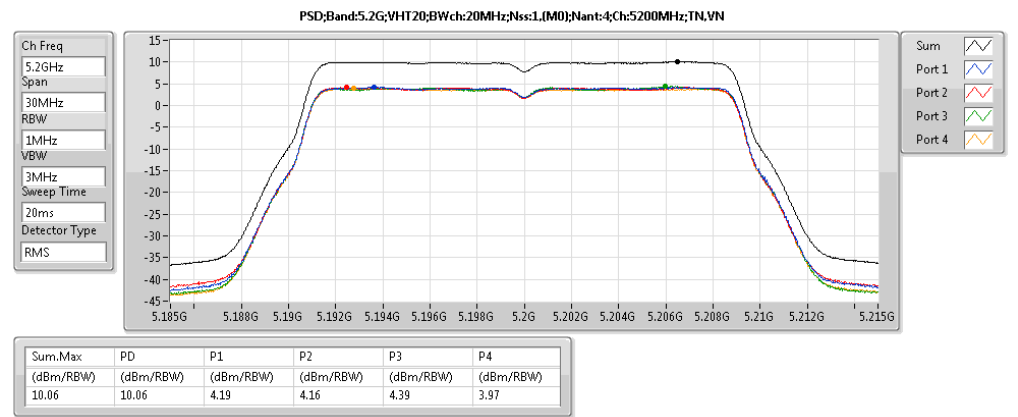
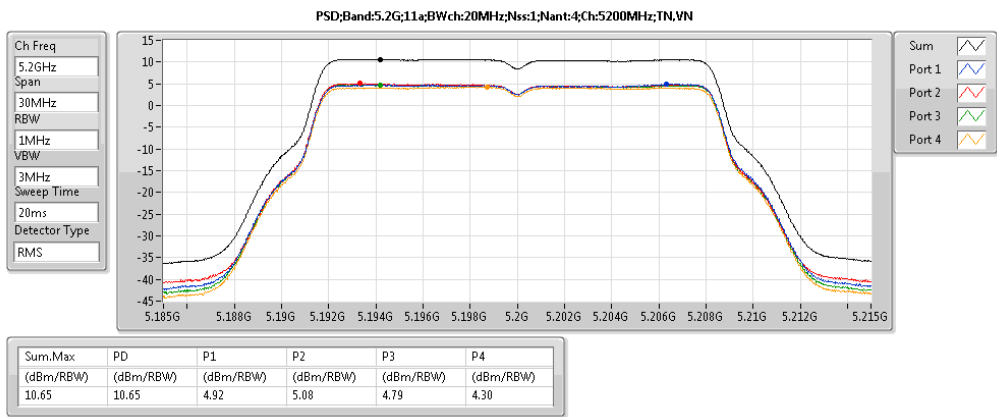
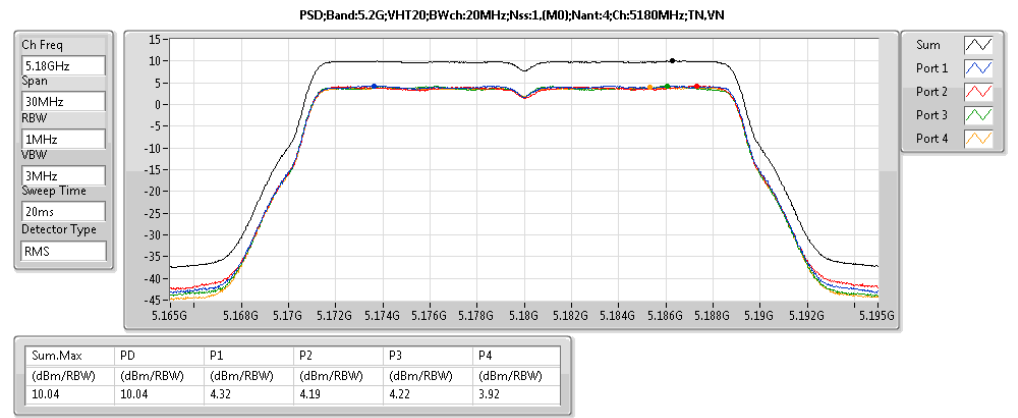
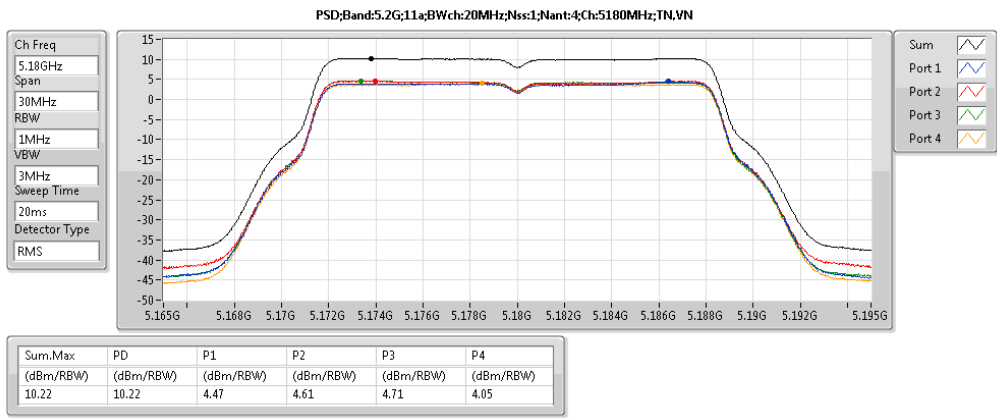
Mode	PD (dBm/RBW)	EIRP.PD (dBm/RBW)
5.2G;11a;Nss1;Ntx4	10.65	19.67
5.8G;11a;Nss1;Ntx4	13.73	22.75
5.2G;VHT20;Nss1,(M0);Ntx4	10.52	19.54
5.8G;VHT20;Nss1,(M0);Ntx4	12.82	21.84
5.2G;VHT40;Nss1,(M0);Ntx4	7.50	16.52
5.8G;VHT40;Nss1,(M0);Ntx4	7.97	16.99
5.2G;VHT80;Nss1,(M0);Ntx4	3.71	12.73
5.8G;VHT80;Nss1,(M0);Ntx4	-1.79	7.23
5.2G;VHT20,BF;Nss1,(M0);Ntx4	11.47	20.49
5.8G;VHT20,BF;Nss1,(M0);Ntx4	12.45	21.47
5.2G;VHT40,BF;Nss1,(M0);Ntx4	6.89	15.91
5.8G;VHT40,BF;Nss1,(M0);Ntx4	8.46	17.48
5.2G;VHT80,BF;Nss1,(M0);Ntx4	-3.75	5.27
5.8G;VHT80,BF;Nss1,(M0);Ntx4	-1.39	7.63

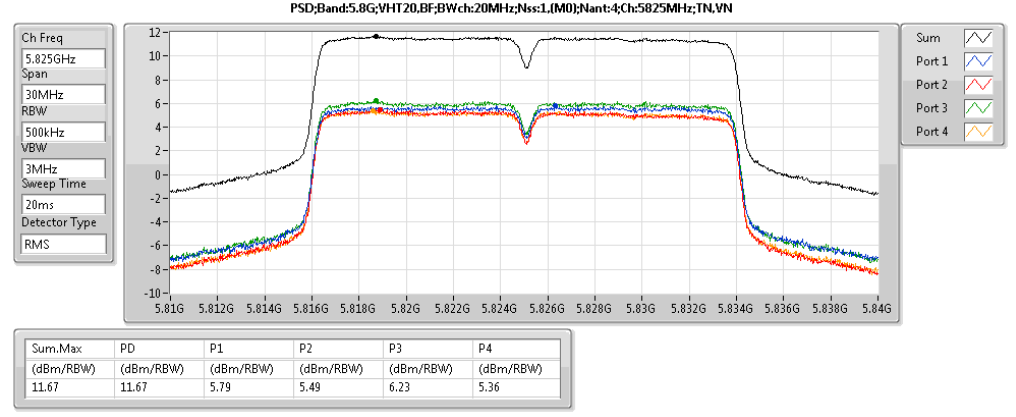
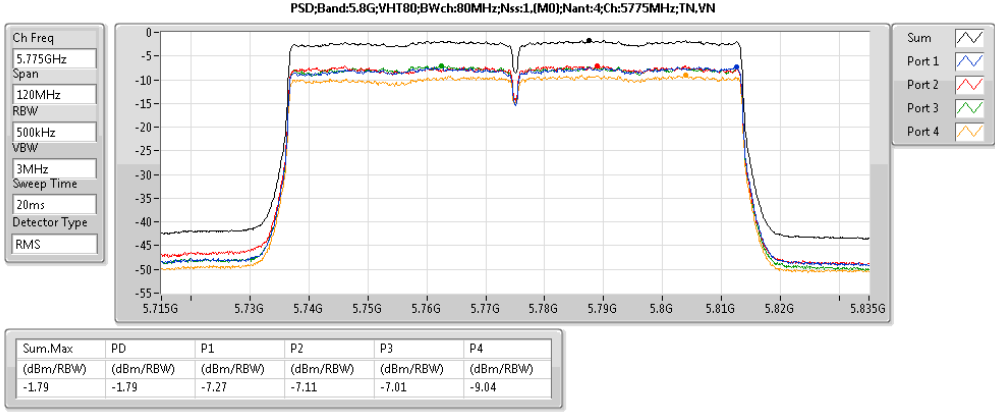
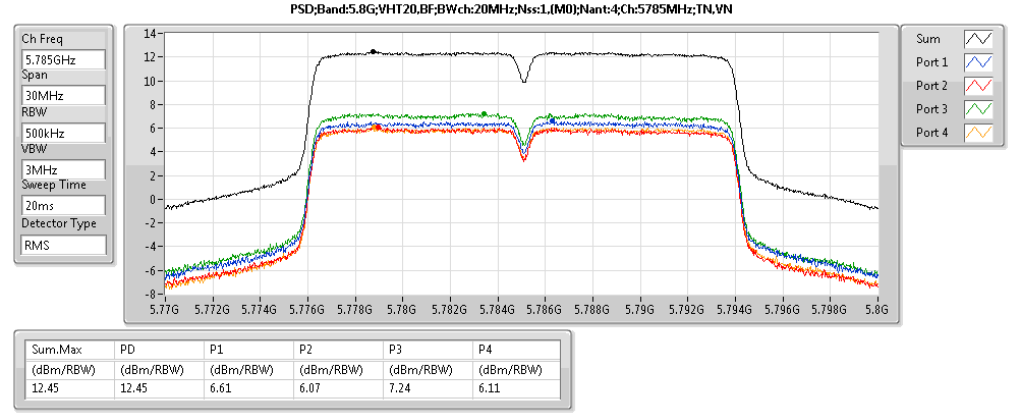
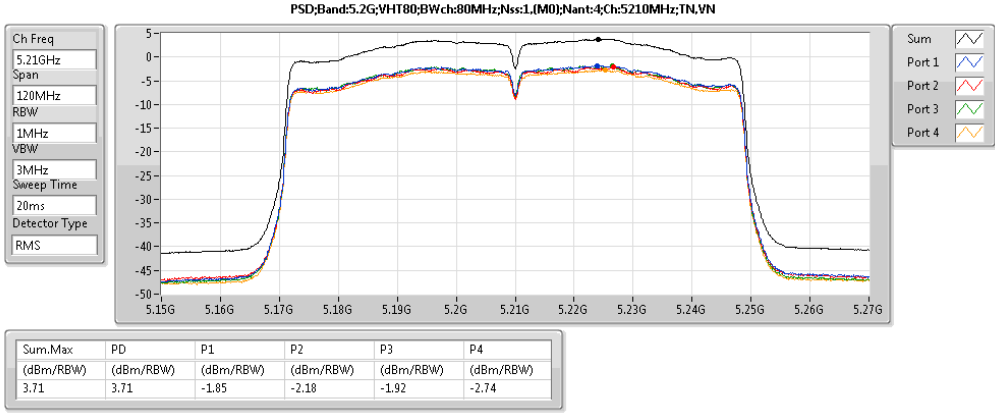
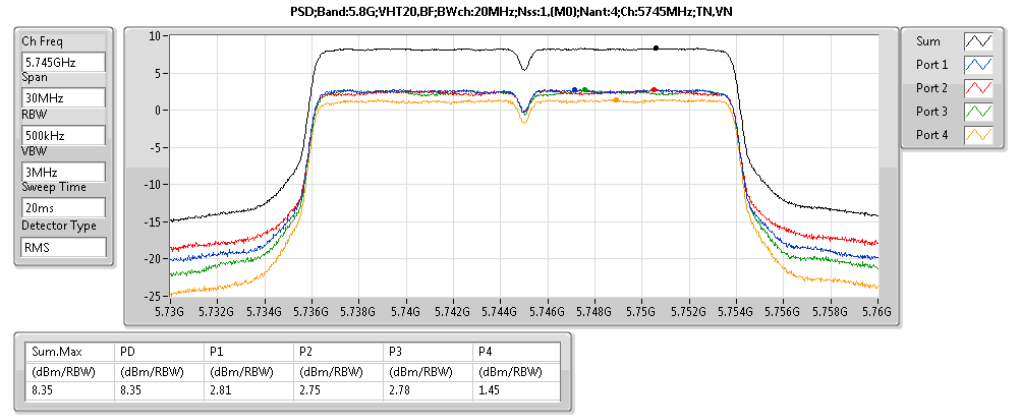
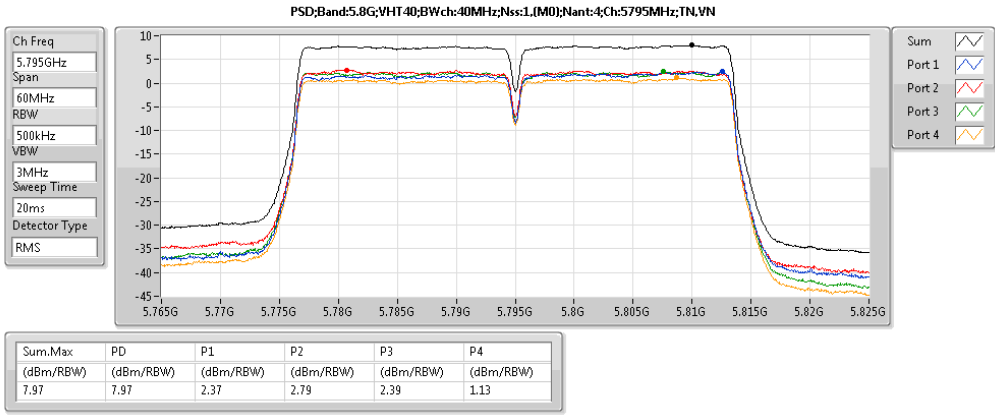
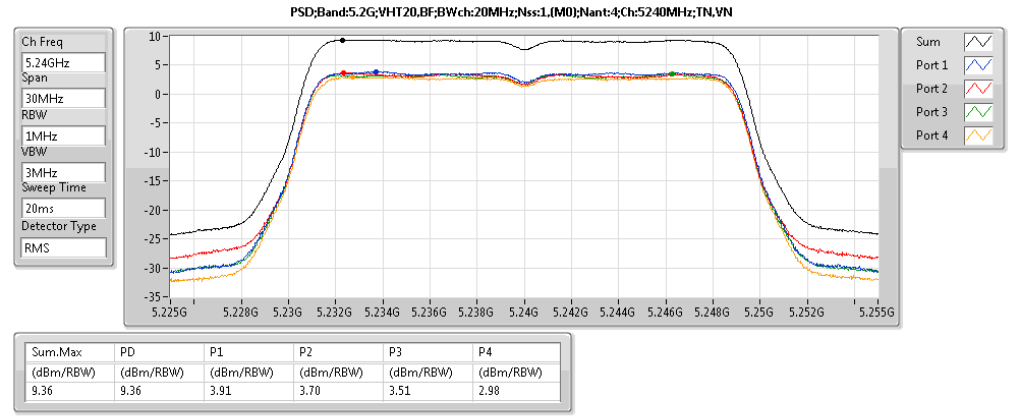
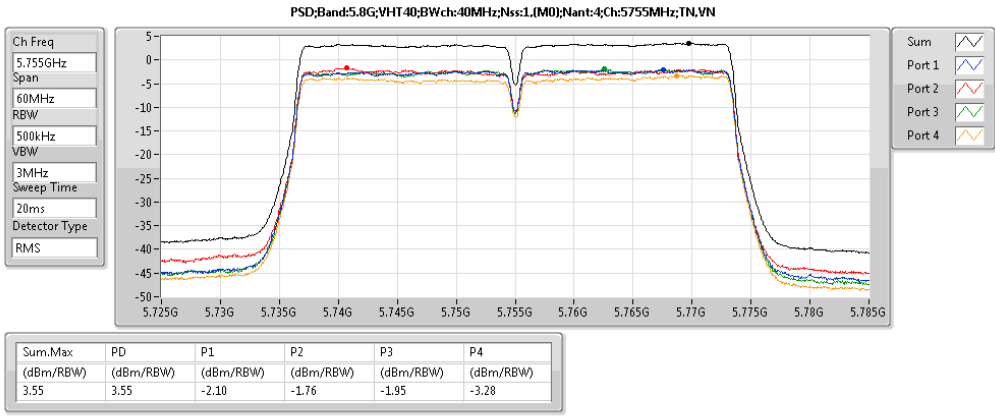
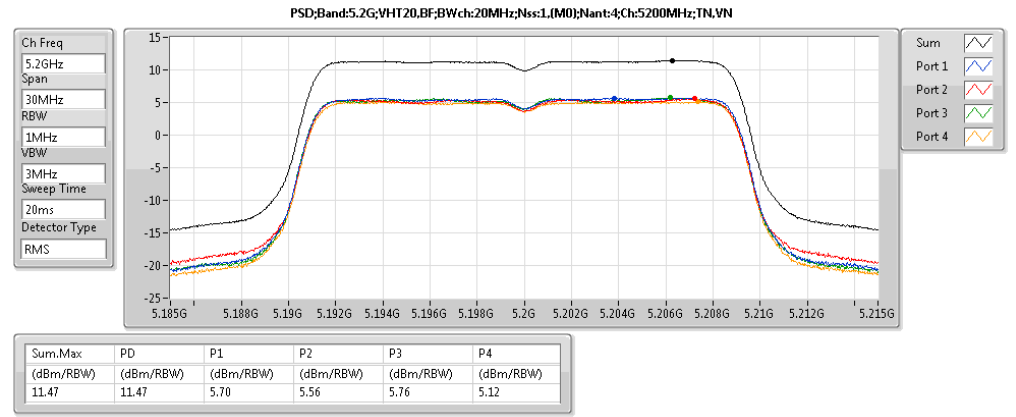
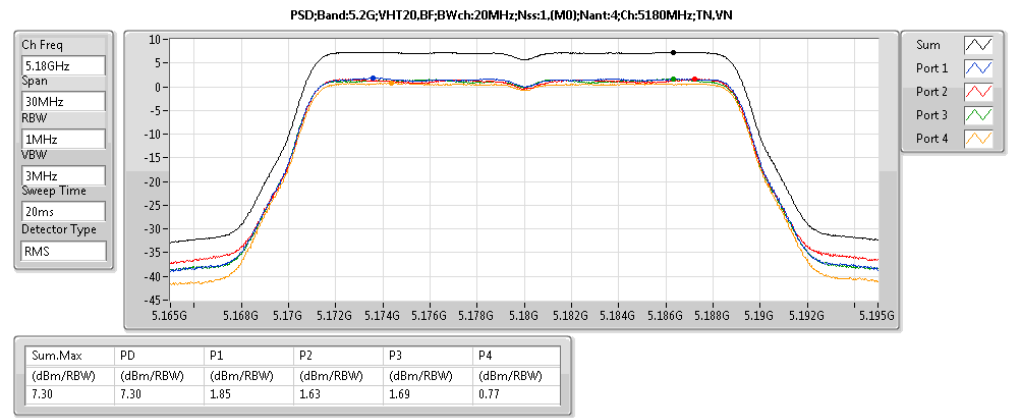
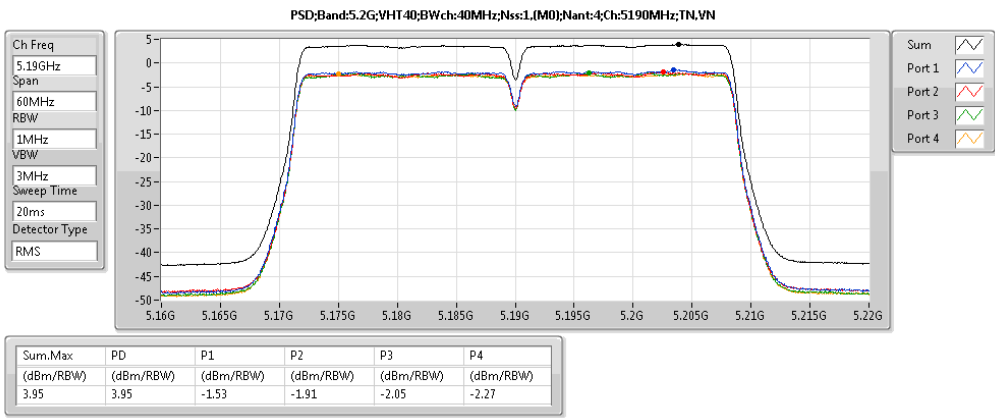




Result

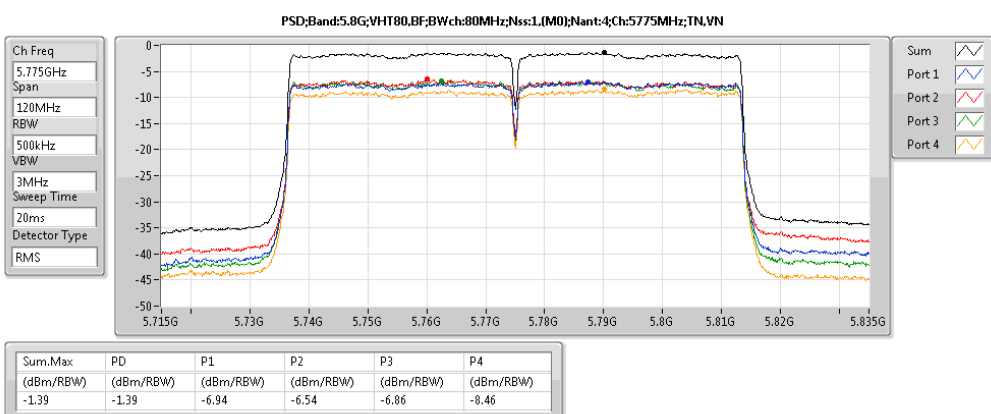
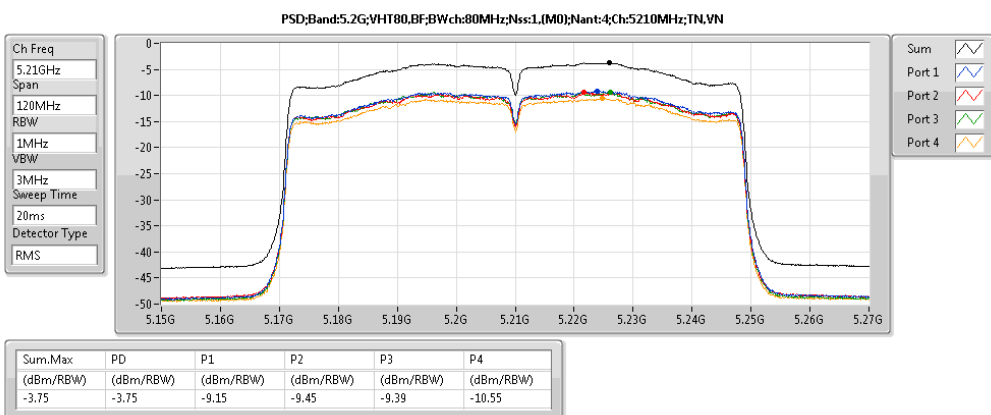
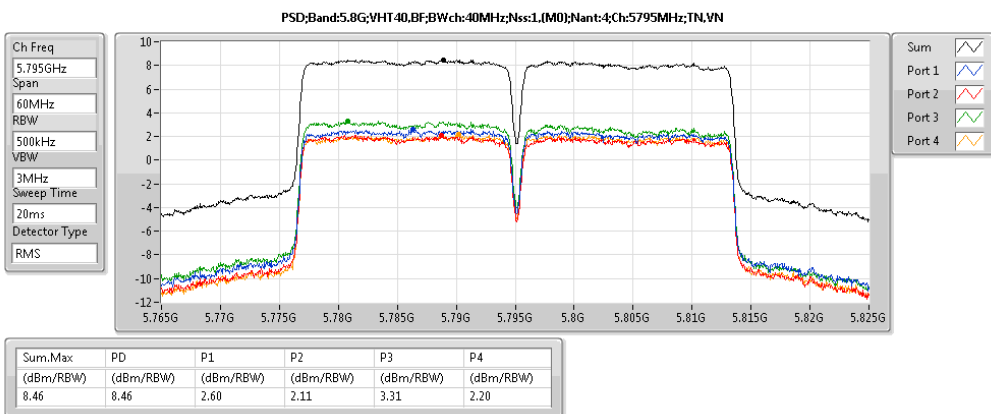
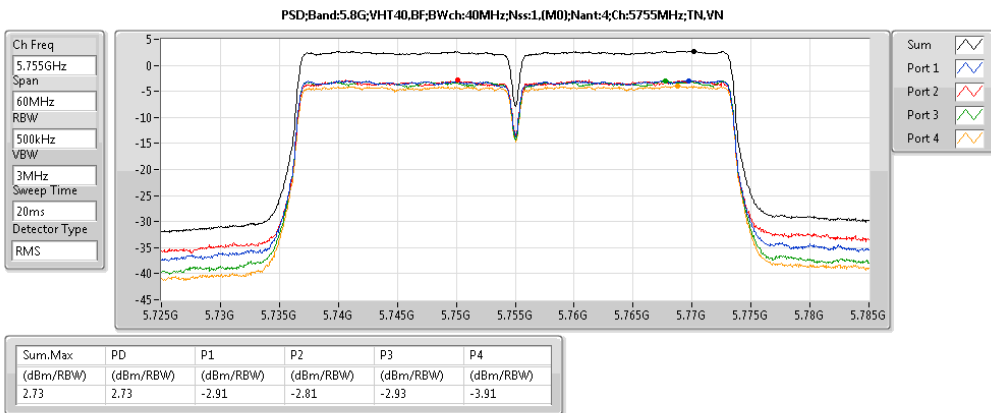
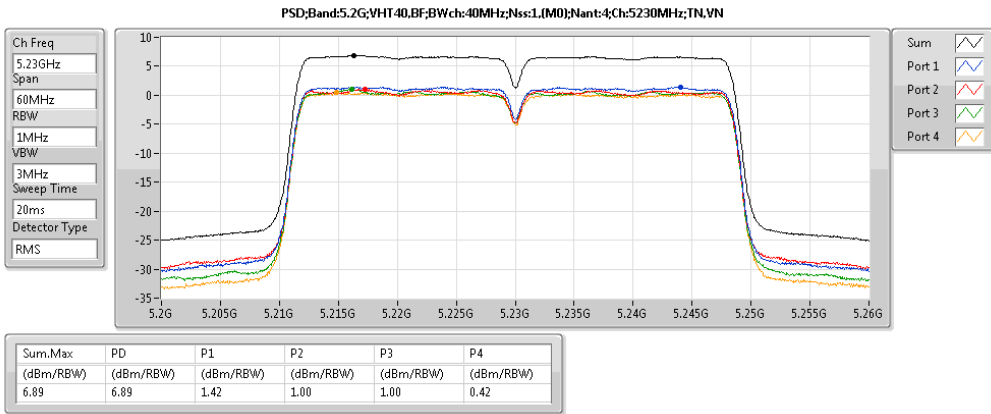
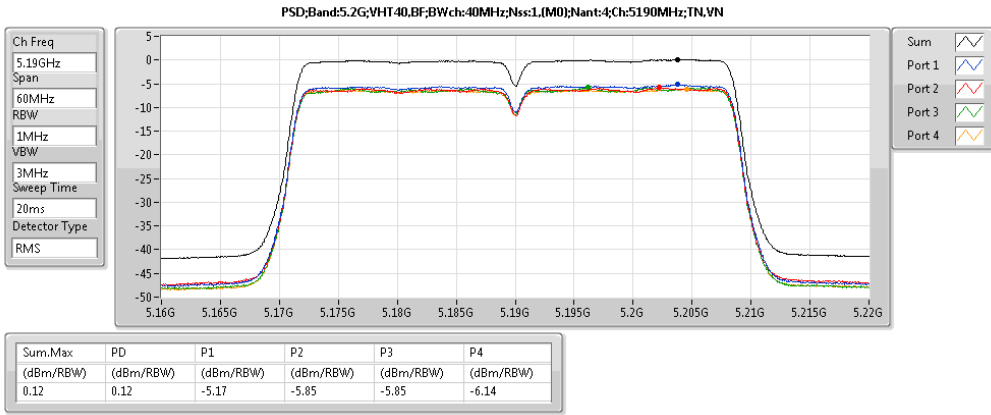
Mode	Result	Meas.RBW (Hz)	Lim.RBW (Hz)	BWCF (dB)	DG (dBi)	Sum.Max (dBm/RBW)	PD (dBm/RBW)	PD.Limit (dBm/RBW)	EIRP.PD (dBm/RBW)	EIRP.PD.Li m (dBm/RBW)	P1 (dBm/RBW)	P2 (dBm/RBW)	P3 (dBm/RBW)	P4 (dBm/RBW)
5.2G;11a:Nss1;Ntx4:5180	Pass	1M	1M	0.00	9.02	10.22	10.22	13.98	19.24	Inf	4.47	4.61	4.71	4.05
5.2G;11a:Nss1;Ntx4:5200	Pass	1M	1M	0.00	9.02	10.65	10.65	13.98	19.67	Inf	4.92	5.08	4.79	4.30
5.2G;11a:Nss1;Ntx4:5240	Pass	1M	1M	0.00	9.02	9.56	9.56	13.98	18.58	Inf	3.91	3.95	3.69	3.10
5.8G;11a:Nss1;Ntx4:5745	Pass	500k	500k	0.00	9.02	9.73	9.73	26.98	18.75	32.98	4.47	4.55	3.89	2.68
5.8G;11a:Nss1;Ntx4:5785	Pass	500k	500k	0.00	9.02	13.73	13.73	26.98	22.75	32.98	8.11	8.38	8.01	6.57
5.8G;11a:Nss1;Ntx4:5825	Pass	500k	500k	0.00	9.02	12.68	12.68	26.98	21.70	32.98	6.77	7.38	6.90	6.01
5.2G;VHT20:Nss1,(M0);Ntx4:5180	Pass	1M	1M	0.00	9.02	10.04	10.04	13.98	19.06	Inf	4.32	4.19	4.22	3.92
5.2G;VHT20:Nss1,(M0);Ntx4:5200	Pass	1M	1M	0.00	9.02	10.06	10.06	13.98	19.08	Inf	4.19	4.16	4.39	3.97
5.2G;VHT20:Nss1,(M0);Ntx4:5240	Pass	1M	1M	0.00	9.02	10.52	10.52	13.98	19.54	Inf	5.02	4.91	4.74	4.34
5.8G;VHT20:Nss1,(M0);Ntx4:5745	Pass	500k	500k	0.00	9.02	9.06	9.06	26.98	18.08	32.98	4.04	3.81	3.58	2.34
5.8G;VHT20:Nss1,(M0);Ntx4:5785	Pass	500k	500k	0.00	9.02	12.82	12.82	26.98	21.84	32.98	7.48	7.47	7.06	5.88
5.8G;VHT20:Nss1,(M0);Ntx4:5825	Pass	500k	500k	0.00	9.02	10.54	10.54	26.98	19.57	32.98	5.05	4.99	5.09	4.19
5.2G;VHT40:Nss1,(M0);Ntx4:5190	Pass	1M	1M	0.00	9.02	3.95	3.95	13.98	12.97	Inf	-1.53	-1.91	-2.05	-2.27
5.2G;VHT40:Nss1,(M0);Ntx4:5230	Pass	1M	1M	0.00	9.02	7.50	7.50	13.98	16.52	Inf	1.92	1.56	1.94	0.93
5.8G;VHT40:Nss1,(M0);Ntx4:5755	Pass	500k	500k	0.00	9.02	3.55	3.55	26.98	12.57	32.98	-2.10	-1.76	-1.95	-3.28
5.8G;VHT40:Nss1,(M0);Ntx4:5795	Pass	500k	500k	0.00	9.02	7.97	7.97	26.98	16.99	32.98	2.37	2.79	2.39	1.13
5.2G;VHT80:Nss1,(M0);Ntx4:5210	Pass	1M	1M	0.00	9.02	3.71	3.71	13.98	12.73	Inf	-1.85	-2.18	-1.92	-2.74
5.8G;VHT80:Nss1,(M0);Ntx4:5775	Pass	500k	500k	0.00	9.02	-1.79	-1.79	26.98	7.23	32.98	-7.27	-7.11	-7.01	-9.04
5.2G;VHT20,BF:Nss1,(M0);Ntx4:5180	Pass	1M	1M	0.00	9.02	7.30	7.30	13.98	16.32	Inf	1.85	1.63	1.69	0.77
5.2G;VHT20,BF:Nss1,(M0);Ntx4:5200	Pass	1M	1M	0.00	9.02	11.47	11.47	13.98	20.49	Inf	5.70	5.56	5.76	5.12
5.2G;VHT20,BF:Nss1,(M0);Ntx4:5240	Pass	1M	1M	0.00	9.02	9.36	9.36	13.98	18.38	Inf	3.91	3.70	3.51	2.98
5.8G;VHT20,BF:Nss1,(M0);Ntx4:5745	Pass	500k	500k	0.00	9.02	8.35	8.35	26.98	17.38	32.98	2.81	2.75	2.78	1.45
5.8G;VHT20,BF:Nss1,(M0);Ntx4:5785	Pass	500k	500k	0.00	9.02	12.45	12.45	26.98	21.47	32.98	6.61	6.07	7.24	6.11
5.8G;VHT20,BF:Nss1,(M0);Ntx4:5825	Pass	500k	500k	0.00	9.02	11.67	11.67	26.98	20.69	32.98	5.79	5.49	6.23	5.36
5.2G;VHT40,BF:Nss1,(M0);Ntx4:5190	Pass	1M	1M	0.00	9.02	0.12	0.12	13.98	9.14	Inf	-5.17	-5.85	-5.85	-6.14
5.2G;VHT40,BF:Nss1,(M0);Ntx4:5230	Pass	1M	1M	0.00	9.02	6.89	6.89	13.98	15.91	Inf	1.42	1.00	1.00	0.42
5.8G;VHT40,BF:Nss1,(M0);Ntx4:5755	Pass	500k	500k	0.00	9.02	2.73	2.73	26.98	11.76	32.98	-2.91	-2.81	-2.93	-3.91
5.8G;VHT40,BF:Nss1,(M0);Ntx4:5795	Pass	500k	500k	0.00	9.02	8.46	8.46	26.98	17.48	32.98	2.60	2.11	3.31	2.20
5.2G;VHT80,BF:Nss1,(M0);Ntx4:5210	Pass	1M	1M	0.00	9.02	-3.75	-3.75	13.98	5.27	Inf	-9.15	-9.45	-9.39	-10.55
5.8G;VHT80,BF:Nss1,(M0);Ntx4:5775	Pass	500k	500k	0.00	9.02	-1.39	-1.39	26.98	7.63	32.98	-6.94	-6.54	-6.86	-8.46







# Antenna 1 PSD Result





Summary

Mode	PD (dBm/RBW)	EIRP.PD (dBm/RBW)
5.2G;11a;Nss1;Ntx4	7.57	22.99
5.8G;11a;Nss1;Ntx4	13.44	28.86
5.2G;VHT20;Nss1,(M0);Ntx4	7.50	22.92
5.8G;VHT20;Nss1,(M0);Ntx4	13.03	28.46
5.2G;VHT40;Nss1,(M0);Ntx4	6.94	22.37
5.8G;VHT40;Nss1,(M0);Ntx4	7.33	22.75
5.2G;VHT80;Nss1,(M0);Ntx4	-2.94	12.48
5.8G;VHT80;Nss1,(M0);Ntx4	-2.39	13.03
5.2G;VHT20,BF;Nss1,(M0);Ntx4	7.36	22.78
5.8G;VHT20,BF;Nss1,(M0);Ntx4	5.61	21.03
5.2G;VHT40,BF;Nss1,(M0);Ntx4	6.27	21.69
5.8G;VHT40,BF;Nss1,(M0);Ntx4	2.63	18.06
5.2G;VHT80,BF;Nss1,(M0);Ntx4	5.77	21.19
5.8G;VHT80,BF;Nss1,(M0);Ntx4	0.60	16.02



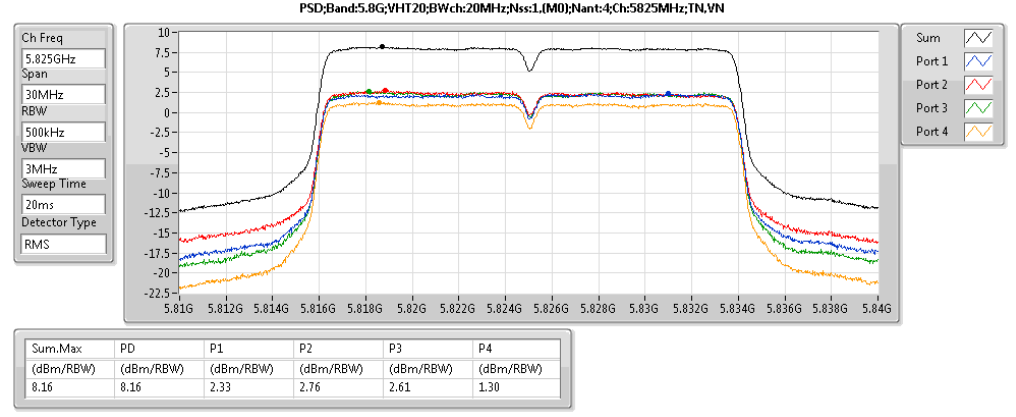
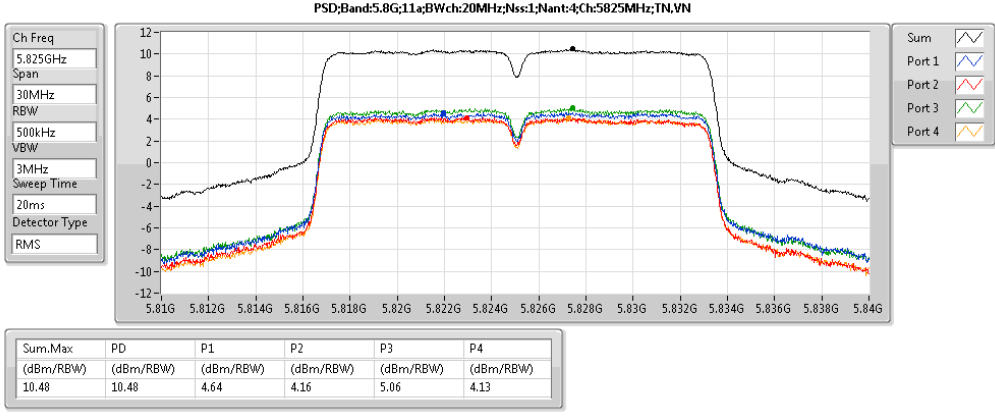
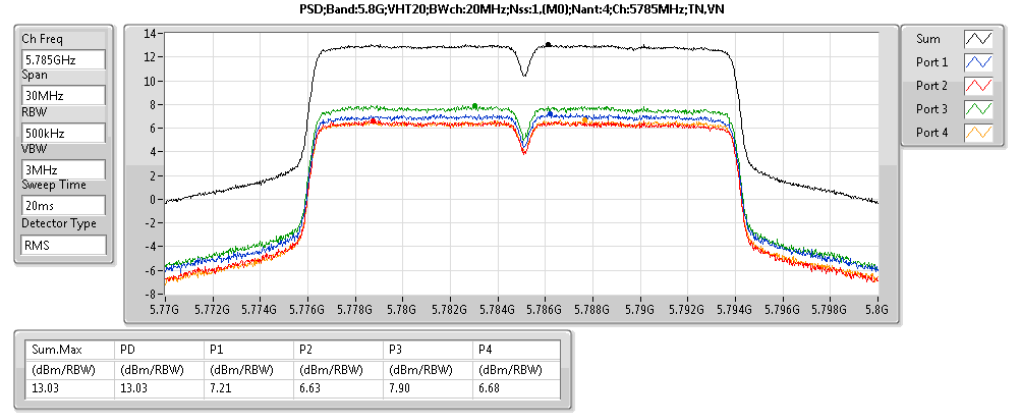
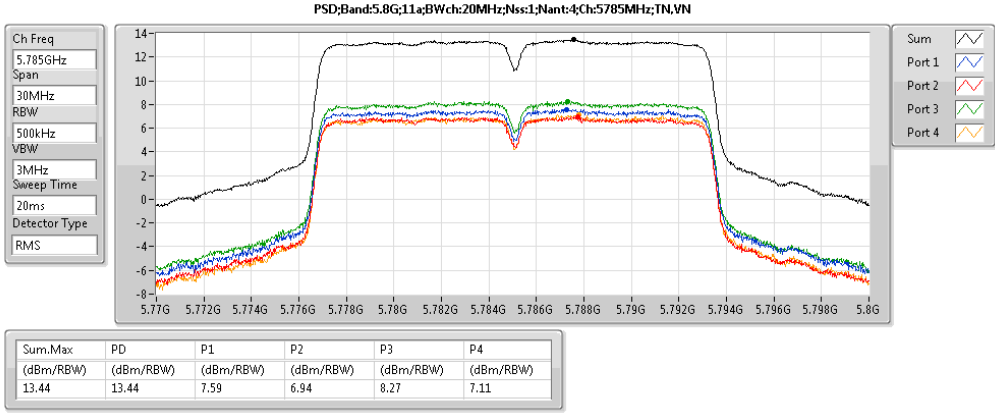
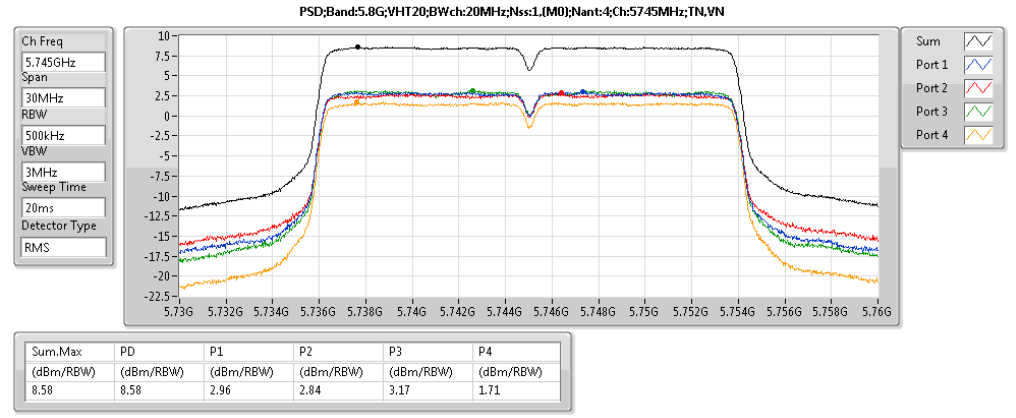
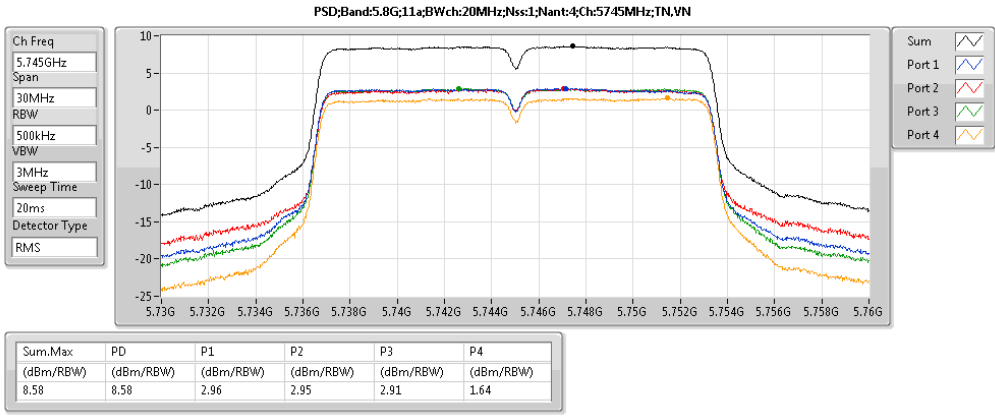
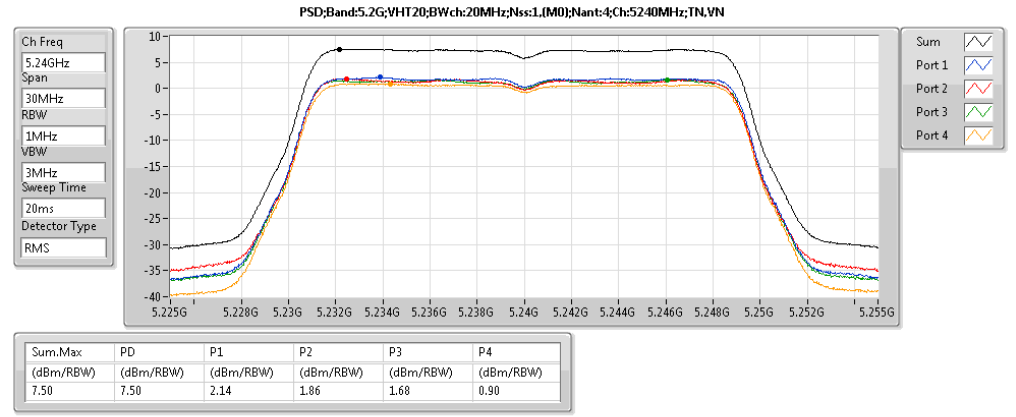
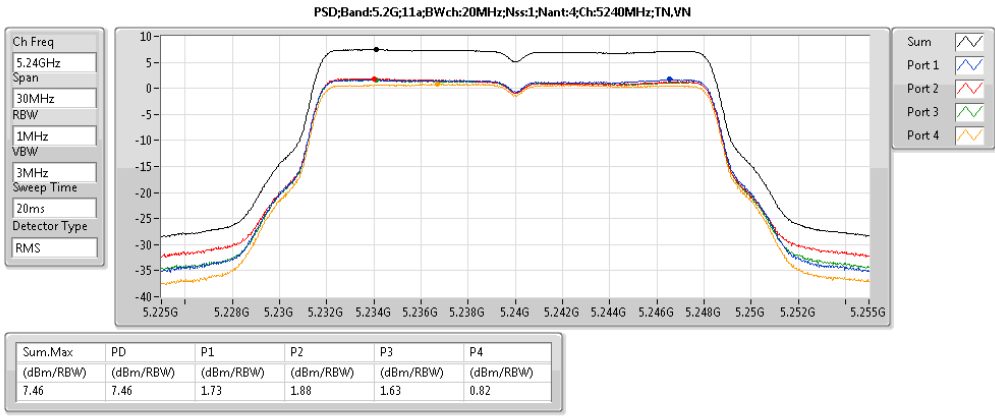
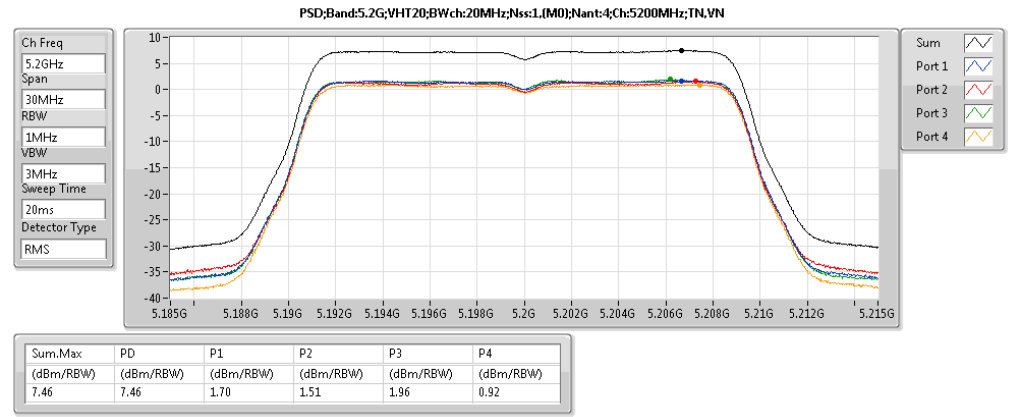
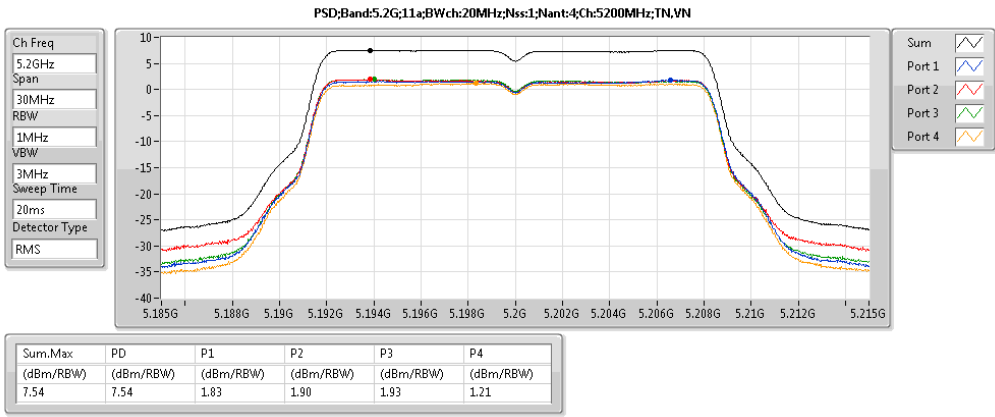
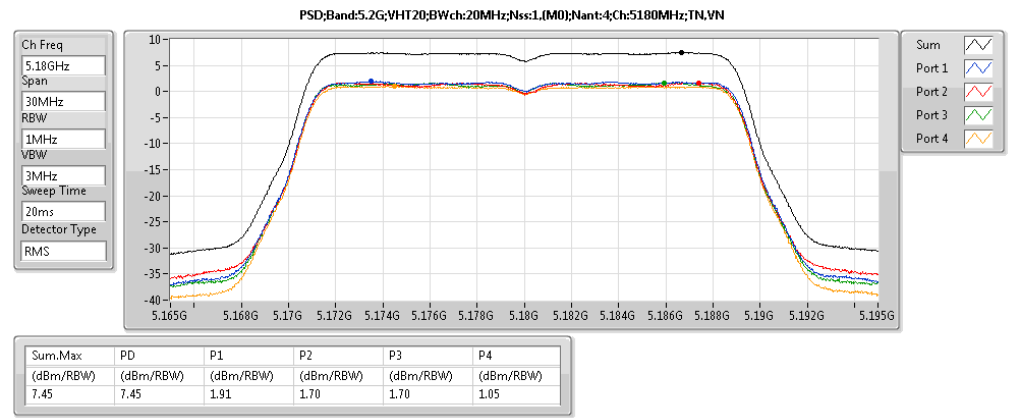
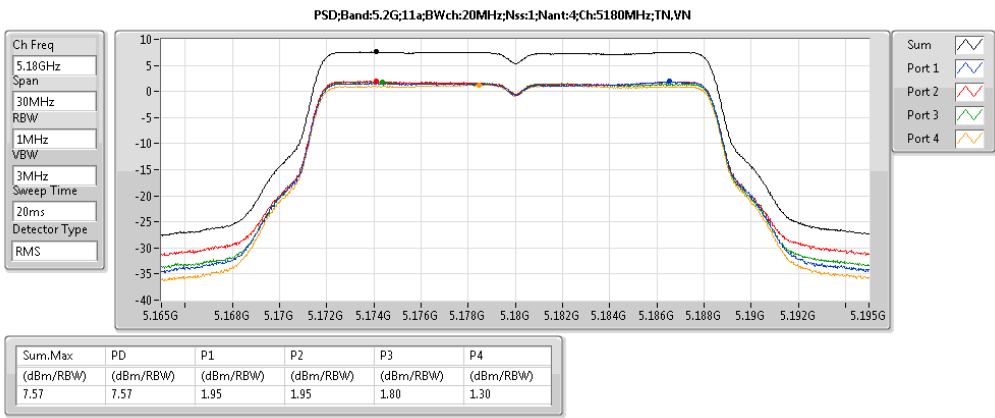
Result

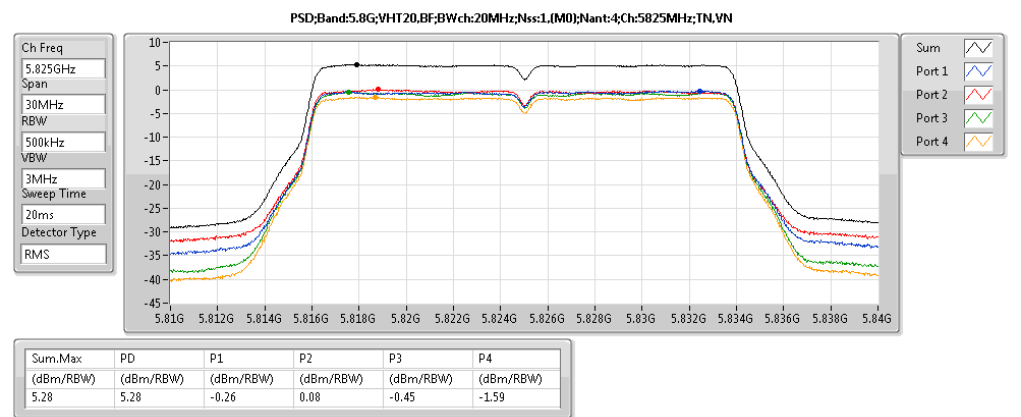
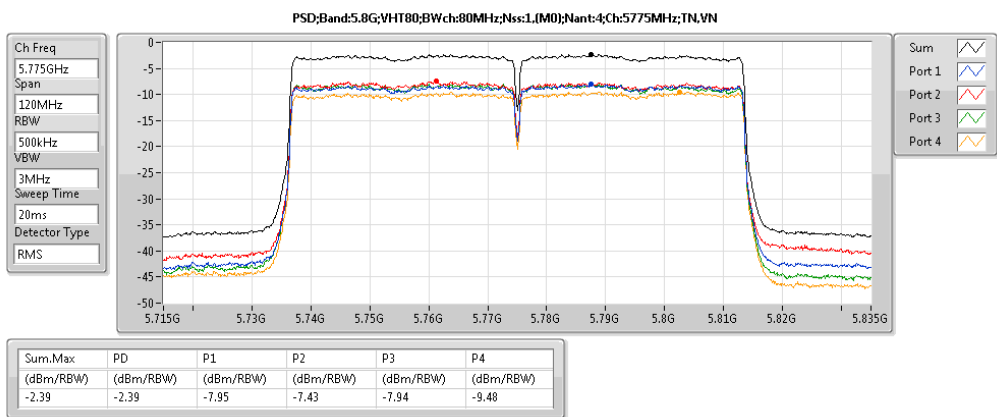
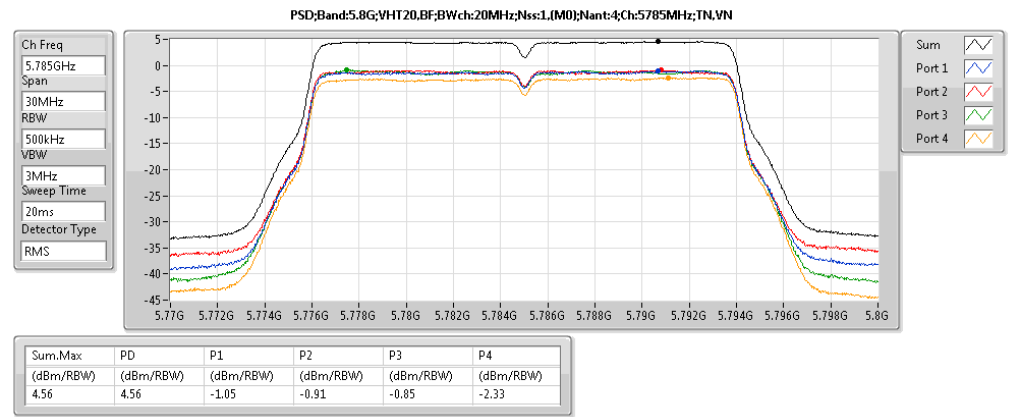
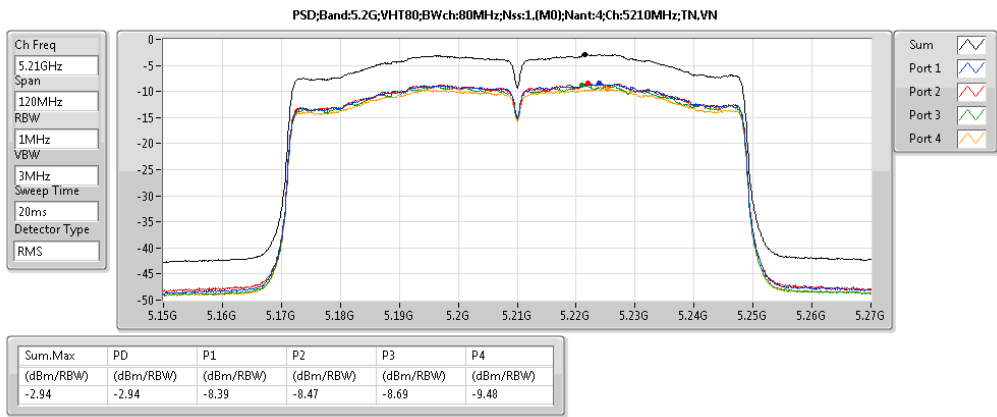
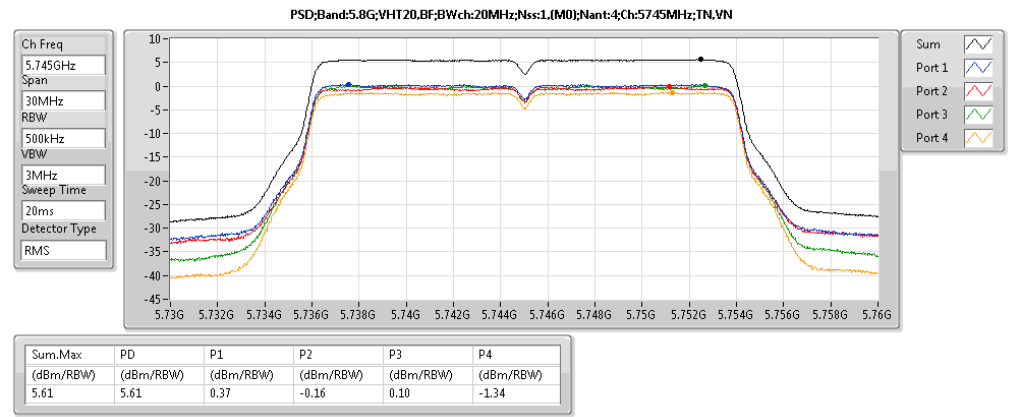
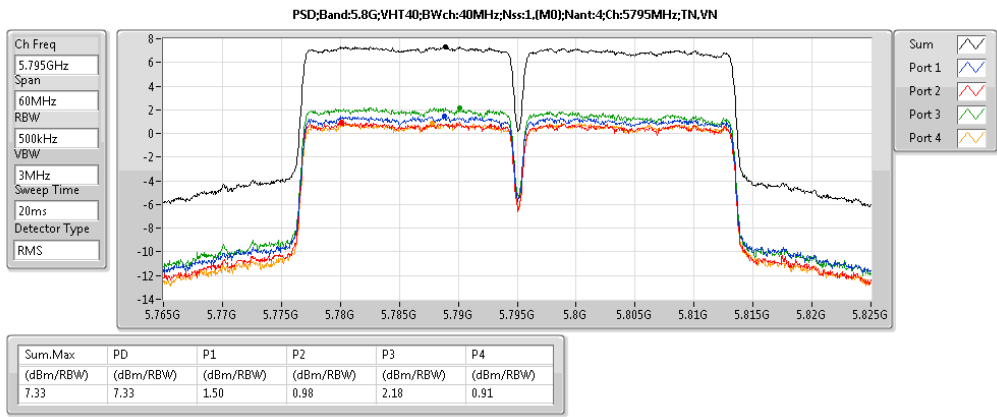
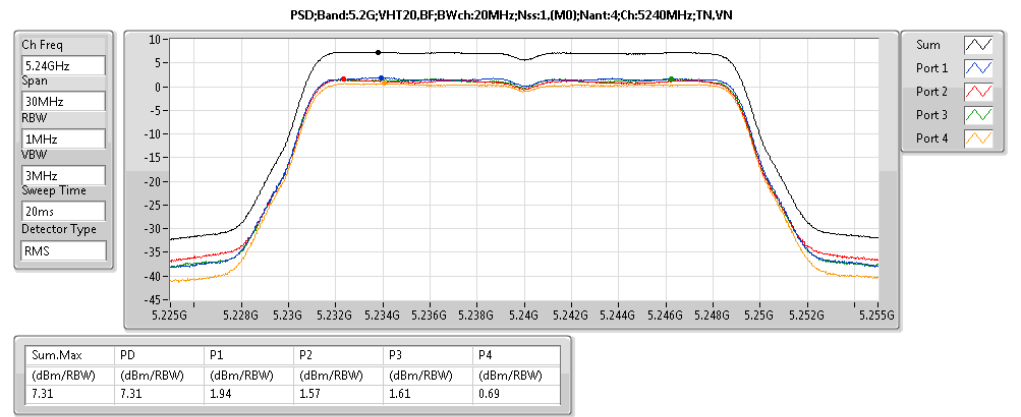
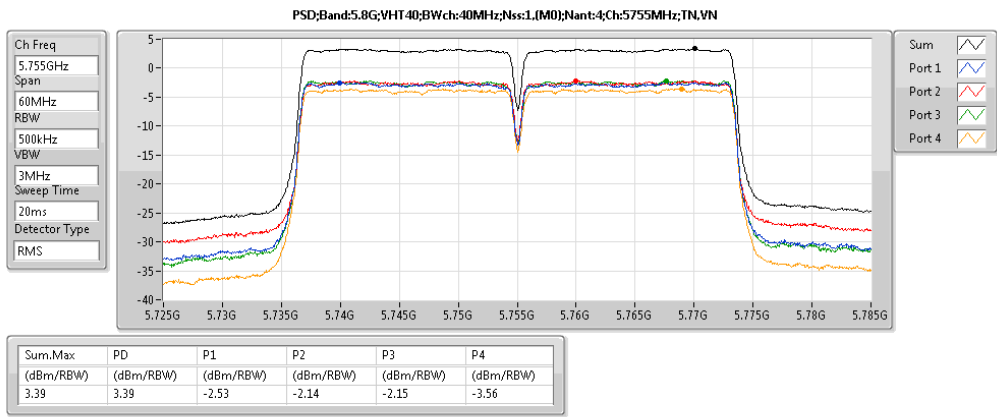
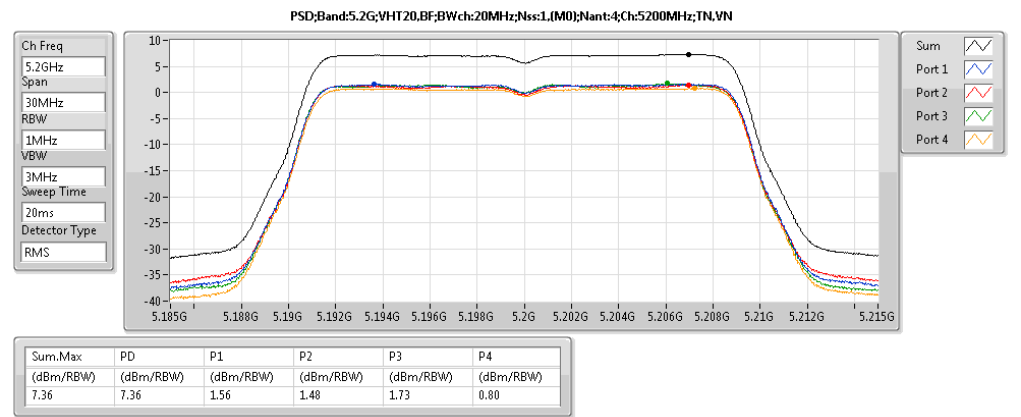
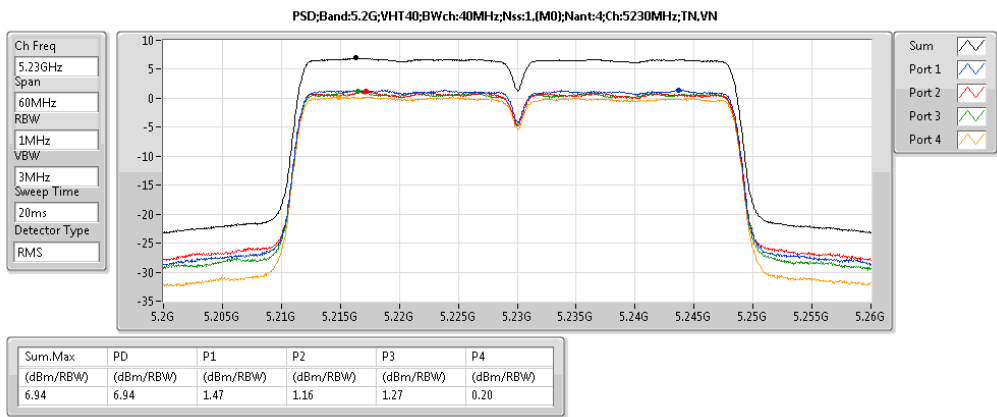
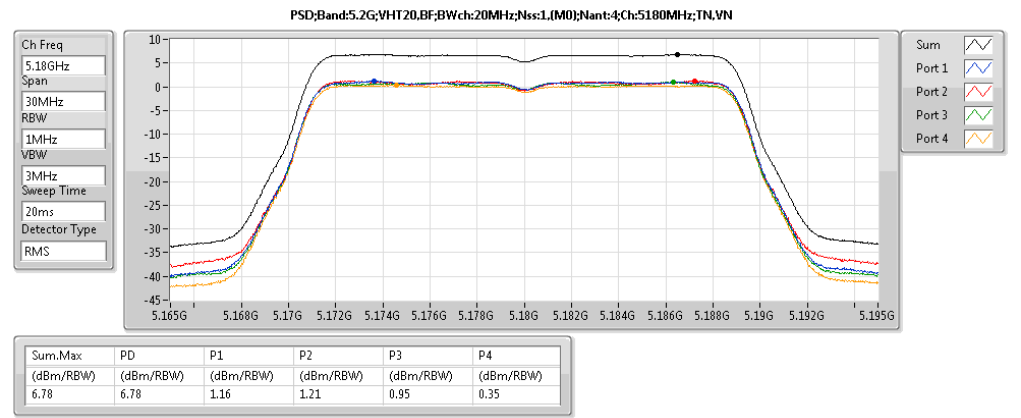
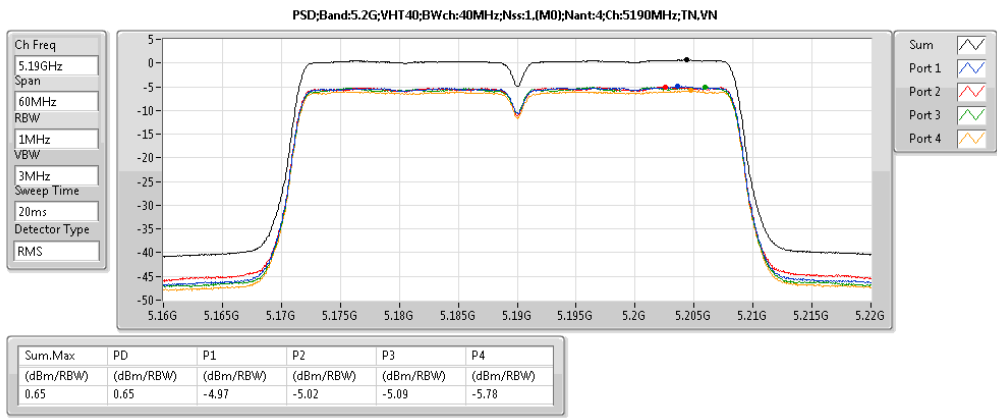
Mode	Result	Meas.RBW (Hz)	Lim.RBW (Hz)	BWCF (dB)	DG (dBi)	Sum.Max (dBm/RBW)	PD (dBm/RBW)	PD.Limit (dBm/RBW)	EIRP.PD (dBm/RBW)	EIRP.PD.Li m (dBm/RBW)	P1 (dBm/RBW)	P2 (dBm/RBW)	P3 (dBm/RBW)	P4 (dBm/RBW)
5.2G;11a:Nss1;Ntx4:5180	Pass	1M	1M	0.00	15.42	7.57	7.57	7.58	22.99	Inf	1.95	1.95	1.80	1.30
5.2G;11a:Nss1;Ntx4:5200	Pass	1M	1M	0.00	15.42	7.54	7.54	7.58	22.96	Inf	1.83	1.90	1.93	1.21
5.2G;11a:Nss1;Ntx4:5240	Pass	1M	1M	0.00	15.42	7.46	7.46	7.58	22.88	Inf	1.73	1.88	1.63	0.82
5.8G;11a:Nss1;Ntx4:5745	Pass	500k	500k	0.00	15.42	8.58	8.58	20.58	24.00	Inf	2.96	2.95	2.91	1.64
5.8G;11a:Nss1;Ntx4:5785	Pass	500k	500k	0.00	15.42	13.44	13.44	20.58	28.86	Inf	7.59	6.94	8.27	7.11
5.8G;11a:Nss1;Ntx4:5825	Pass	500k	500k	0.00	15.42	10.48	10.48	20.58	25.90	Inf	4.64	4.16	5.06	4.13
5.2G;VHT20:Nss1,(M0);Ntx4:5180	Pass	1M	1M	0.00	15.42	7.45	7.45	7.58	22.87	Inf	1.91	1.70	1.70	1.05
5.2G;VHT20:Nss1,(M0);Ntx4:5200	Pass	1M	1M	0.00	15.42	7.46	7.46	7.58	22.88	Inf	1.70	1.51	1.96	0.92
5.2G;VHT20:Nss1,(M0);Ntx4:5240	Pass	1M	1M	0.00	15.42	7.50	7.50	7.58	22.92	Inf	2.14	1.86	1.68	0.90
5.8G;VHT20:Nss1,(M0);Ntx4:5745	Pass	500k	500k	0.00	15.42	8.58	8.58	20.58	24.00	Inf	2.96	2.84	3.17	1.71
5.8G;VHT20:Nss1,(M0);Ntx4:5785	Pass	500k	500k	0.00	15.42	13.03	13.03	20.58	28.46	Inf	7.21	6.63	7.90	6.68
5.8G;VHT20:Nss1,(M0);Ntx4:5825	Pass	500k	500k	0.00	15.42	8.16	8.16	20.58	23.58	Inf	2.33	2.76	2.61	1.30
5.2G;VHT40:Nss1,(M0);Ntx4:5190	Pass	1M	1M	0.00	15.42	0.65	0.65	7.58	16.07	Inf	-4.97	-5.02	-5.09	-5.78
5.2G;VHT40:Nss1,(M0);Ntx4:5230	Pass	1M	1M	0.00	15.42	6.94	6.94	7.58	22.37	Inf	1.47	1.16	1.27	0.20
5.8G;VHT40:Nss1,(M0);Ntx4:5755	Pass	500k	500k	0.00	15.42	3.39	3.39	20.58	18.81	Inf	-2.53	-2.14	-2.15	-3.56
5.8G;VHT40:Nss1,(M0);Ntx4:5795	Pass	500k	500k	0.00	15.42	7.33	7.33	20.58	22.75	Inf	1.50	0.98	2.18	0.91
5.2G;VHT80:Nss1,(M0);Ntx4:5210	Pass	1M	1M	0.00	15.42	-2.94	-2.94	7.58	12.48	Inf	-8.39	-8.47	-8.69	-9.48
5.8G;VHT80:Nss1,(M0);Ntx4:5775	Pass	500k	500k	0.00	15.42	-2.39	-2.39	20.58	13.03	Inf	-7.95	-7.43	-7.94	-9.48
5.2G;VHT20,BF:Nss1,(M0);Ntx4:5180	Pass	1M	1M	0.00	15.42	6.78	6.78	7.58	22.20	Inf	1.16	1.21	0.95	0.35
5.2G;VHT20,BF:Nss1,(M0);Ntx4:5200	Pass	1M	1M	0.00	15.42	7.36	7.36	7.58	22.78	Inf	1.56	1.48	1.73	0.80
5.2G;VHT20,BF:Nss1,(M0);Ntx4:5240	Pass	1M	1M	0.00	15.42	7.31	7.31	7.58	22.73	Inf	1.94	1.57	1.61	0.69
5.8G;VHT20,BF:Nss1,(M0);Ntx4:5745	Pass	500k	500k	0.00	15.42	5.61	5.61	20.58	21.03	Inf	0.37	-0.16	0.10	-1.34
5.8G;VHT20,BF:Nss1,(M0);Ntx4:5785	Pass	500k	500k	0.00	15.42	4.56	4.56	20.58	19.98	Inf	-1.05	-0.91	-0.85	-2.33
5.8G;VHT20,BF:Nss1,(M0);Ntx4:5825	Pass	500k	500k	0.00	15.42	5.28	5.28	20.58	20.70	Inf	-0.26	0.08	-0.45	-1.59
5.2G;VHT40,BF:Nss1,(M0);Ntx4:5190	Pass	1M	1M	0.00	15.42	3.53	3.53	7.58	18.95	Inf	-1.72	-2.30	-2.58	-3.01
5.2G;VHT40,BF:Nss1,(M0);Ntx4:5230	Pass	1M	1M	0.00	15.42	6.27	6.27	7.58	21.69	Inf	0.78	0.28	0.46	-0.17
5.8G;VHT40,BF:Nss1,(M0);Ntx4:5755	Pass	500k	500k	0.00	15.42	0.72	0.72	20.58	16.14	Inf	-4.99	-4.87	-4.91	-6.07
5.8G;VHT40,BF:Nss1,(M0);Ntx4:5795	Pass	500k	500k	0.00	15.42	2.63	2.63	20.58	18.06	Inf	-3.00	-2.86	-2.73	-4.05
5.2G;VHT80,BF:Nss1,(M0);Ntx4:5210	Pass	1M	1M	0.00	15.42	5.77	5.77	7.58	21.19	Inf	0.43	-0.01	0.14	-1.08
5.8G;VHT80,BF:Nss1,(M0);Ntx4:5775	Pass	500k	500k	0.00	15.42	0.60	0.60	20.58	16.02	Inf	-4.87	-4.61	-4.64	-6.61





# Antenna 2 PSD Result

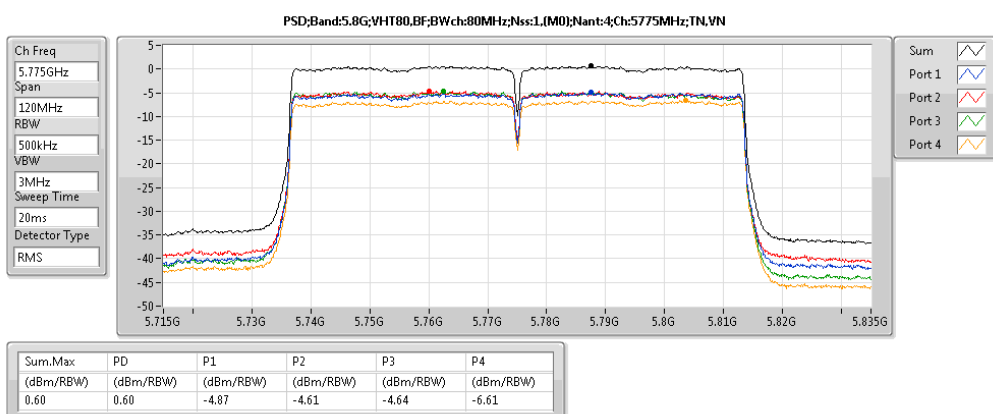
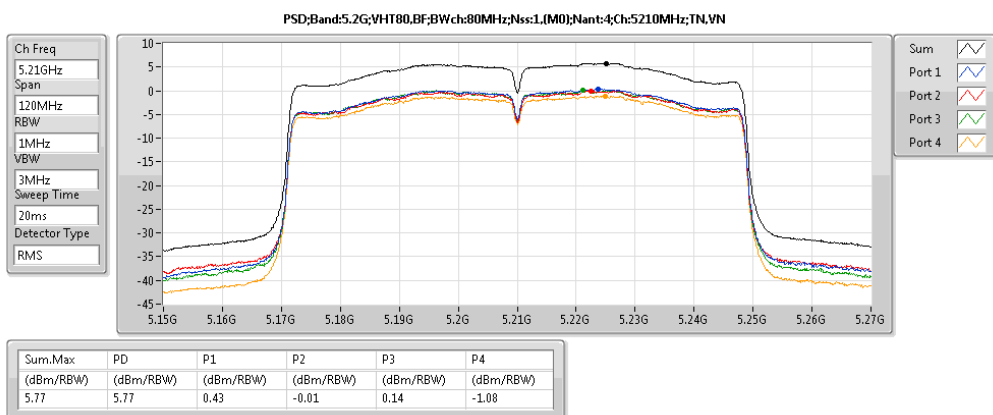
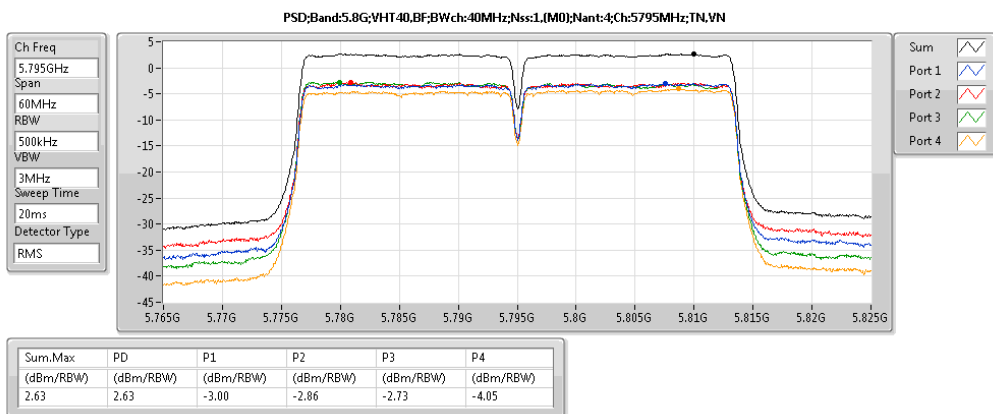
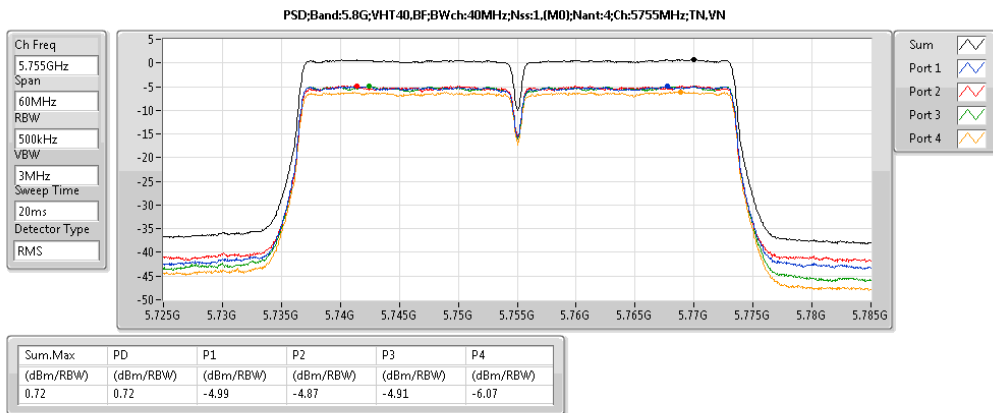
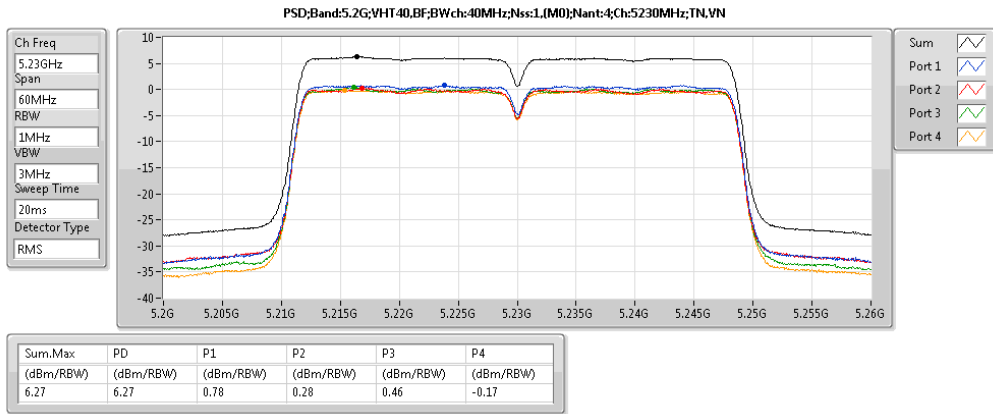
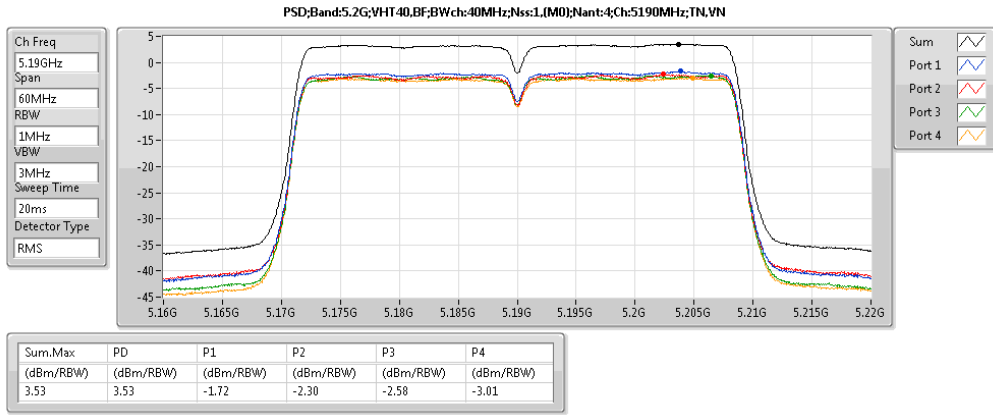


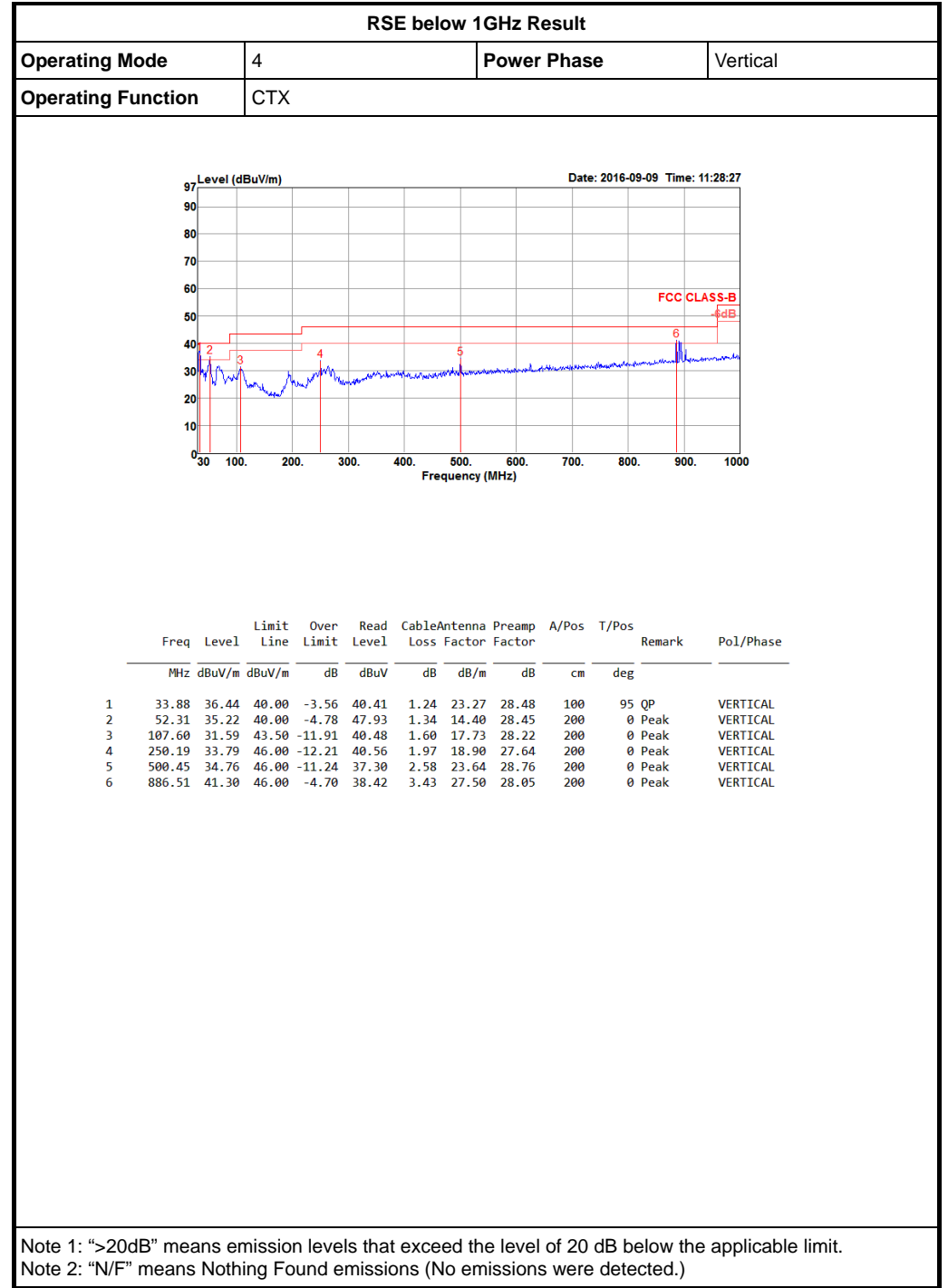
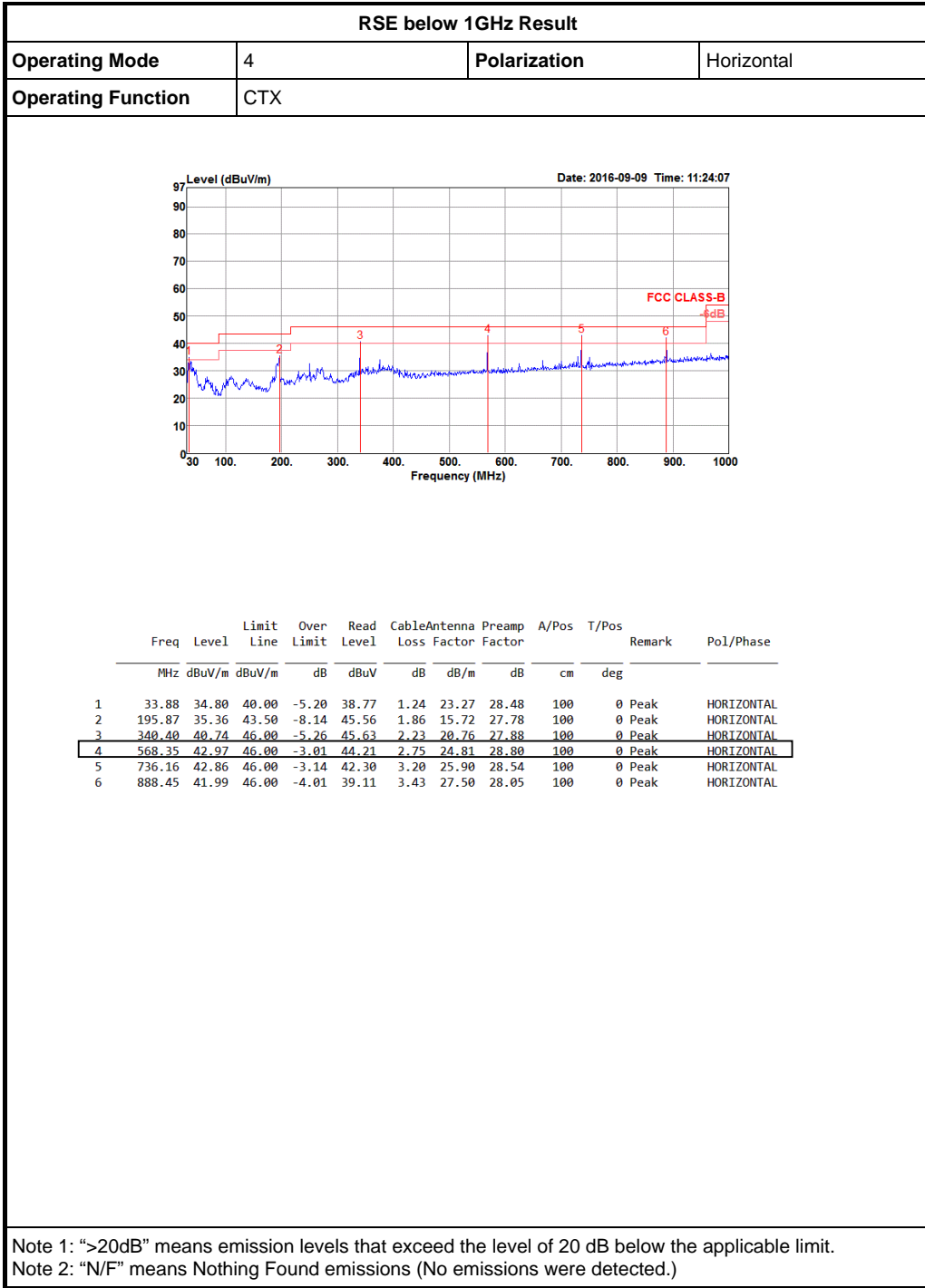






# Antenna 2 PSD Result







**Radiated Emissions (1GHz~40GHz)**

For Antenna 1

<For Non-Beamforming Mode>

<b>Configurations</b>	IEEE 802.11a CH 36 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15532.04	59.04	74.00	-14.96	44.14	10.39	38.38	33.87	149	150	Peak	HORIZONTAL
2	15544.96	46.71	54.00	-7.29	31.81	10.39	38.38	33.87	149	150	Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15530.20	59.70	74.00	-14.30	44.80	10.39	38.38	33.87	194	229	Peak	VERTICAL
2	15531.04	46.65	54.00	-7.35	31.75	10.39	38.38	33.87	194	229	Average	VERTICAL



<b>Configurations</b>	IEEE 802.11a CH 40 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15592.44	46.23	54.00	-7.77	31.43	10.42	38.26	33.88	125	262	Average	HORIZONTAL
2	15593.84	58.97	74.00	-15.03	44.17	10.42	38.26	33.88	125	262	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15600.20	46.28	54.00	-7.72	31.48	10.42	38.26	33.88	174	185	Average	VERTICAL
2	15605.60	60.16	74.00	-13.84	45.45	10.44	38.15	33.88	174	185	Peak	VERTICAL



<b>Configurations</b>	IEEE 802.11a CH 48 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15711.46	57.11	74.00	-16.89	42.60	10.49	37.91	33.89	174	110	Peak	HORIZONTAL
2	15714.16	43.62	54.00	-10.38	29.12	10.49	37.91	33.90	174	110	Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15712.64	45.39	54.00	-8.61	30.89	10.49	37.91	33.90	174	314	Average	VERTICAL
2	15727.96	58.37	74.00	-15.63	43.87	10.49	37.91	33.90	174	314	Peak	VERTICAL



<b>Configurations</b>	IEEE 802.11a CH 149 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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*Horizontal*

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11484.12	55.84	74.00	-18.16	41.14	8.64	39.90	33.84	150	251	Peak	HORIZONTAL
2	11496.84	43.65	54.00	-10.35	28.95	8.64	39.90	33.84	150	251	Average	HORIZONTAL

*Vertical*

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11495.32	43.63	54.00	-10.37	28.93	8.64	39.90	33.84	214	343	Average	VERTICAL
2	11495.48	56.86	74.00	-17.14	42.16	8.64	39.90	33.84	214	343	Peak	VERTICAL





<b>Configurations</b>	IEEE 802.11a CH 157 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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*Horizontal*

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11574.44	44.18	54.00	-9.82	29.58	8.67	39.77	33.84	184	119	Average	HORIZONTAL
2	11574.56	57.24	74.00	-16.76	42.64	8.67	39.77	33.84	184	119	Peak	HORIZONTAL

*Vertical*

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11564.92	57.75	74.00	-16.25	43.15	8.67	39.77	33.84	131	206	Peak	VERTICAL
2	11576.36	44.38	54.00	-9.62	29.78	8.67	39.77	33.84	131	206	Average	VERTICAL



<b>Configurations</b>	IEEE 802.11a CH 165 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11659.72	44.45	54.00	-9.55	30.00	8.72	39.57	33.84	201	167	Average	HORIZONTAL
2	11659.80	56.89	74.00	-17.11	42.44	8.72	39.57	33.84	201	167	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11648.64	58.56	74.00	-15.44	44.07	8.70	39.63	33.84	135	264	Peak	VERTICAL
2	11659.52	44.50	54.00	-9.50	30.05	8.72	39.57	33.84	135	264	Average	VERTICAL





<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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*Horizontal*

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15533.64	60.11	74.00	-13.89	45.21	10.39	38.38	33.87	153	205	Peak	HORIZONTAL
2	15541.08	46.70	54.00	-7.30	31.80	10.39	38.38	33.87	153	205	Average	HORIZONTAL

*Vertical*

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15531.36	46.60	54.00	-7.40	31.70	10.39	38.38	33.87	202	113	Average	VERTICAL
2	15549.68	59.20	74.00	-14.80	44.30	10.39	38.38	33.87	202	113	Peak	VERTICAL



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 40 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15598.28	46.20	54.00	-7.80	31.40	10.42	38.26	33.88	115	83	Average	HORIZONTAL
2	15605.76	58.56	74.00	-15.44	43.85	10.44	38.15	33.88	115	83	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15591.40	46.18	54.00	-7.82	31.38	10.42	38.26	33.88	180	169	Average	VERTICAL
2	15605.28	58.22	74.00	-15.78	43.51	10.44	38.15	33.88	180	169	Peak	VERTICAL



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 48 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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*Horizontal*

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15711.64	45.29	54.00	-8.71	30.78	10.49	37.91	33.89	183	177	Average	HORIZONTAL
2	15725.52	58.14	74.00	-15.86	43.64	10.49	37.91	33.90	183	177	Peak	HORIZONTAL

*Vertical*

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15717.96	45.38	54.00	-8.62	30.88	10.49	37.91	33.90	153	270	Average	VERTICAL
2	15723.92	57.62	74.00	-16.38	43.12	10.49	37.91	33.90	153	270	Peak	VERTICAL



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11480.96	43.40	54.00	-10.60	28.69	8.63	39.92	33.84	115	123	Average	HORIZONTAL
2	11491.36	56.66	74.00	-17.34	41.96	8.64	39.90	33.84	115	123	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11498.04	43.35	54.00	-10.65	28.65	8.64	39.90	33.84	171	215	Average	VERTICAL
2	11498.32	55.89	74.00	-18.11	41.19	8.64	39.90	33.84	171	215	Peak	VERTICAL



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 157 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11573.16	56.96	74.00	-17.04	42.36	8.67	39.77	33.84	127	258	Peak	HORIZONTAL
2	11575.92	44.03	54.00	-9.97	29.43	8.67	39.77	33.84	127	258	Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11562.64	44.33	54.00	-9.67	29.73	8.67	39.77	33.84	190	235	Average	VERTICAL
2	11569.64	56.95	74.00	-17.05	42.35	8.67	39.77	33.84	190	235	Peak	VERTICAL



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 165 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11644.04	57.99	74.00	-16.01	43.50	8.70	39.63	33.84	195	141	Peak	HORIZONTAL
2	11659.92	44.68	54.00	-9.32	30.23	8.72	39.57	33.84	195	141	Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11651.08	57.66	74.00	-16.34	43.21	8.72	39.57	33.84	240	68	Peak	VERTICAL
2	11653.44	44.89	54.00	-9.11	30.44	8.72	39.57	33.84	240	68	Average	VERTICAL





<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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*Horizontal*

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15572.08	59.11	74.00	-14.89	44.31	10.42	38.26	33.88	161	126	Peak	HORIZONTAL
2	15574.04	46.23	54.00	-7.77	31.43	10.42	38.26	33.88	161	126	Average	HORIZONTAL

*Vertical*

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15561.04	46.26	54.00	-7.74	31.46	10.42	38.26	33.88	119	184	Average	VERTICAL
2	15567.08	59.07	74.00	-14.93	44.27	10.42	38.26	33.88	119	184	Peak	VERTICAL





<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 46 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15685.36	45.42	54.00	-8.58	30.81	10.47	38.03	33.89	144	233	Average	HORIZONTAL
2	15690.64	58.03	74.00	-15.97	43.42	10.47	38.03	33.89	144	233	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15689.96	45.52	54.00	-8.48	30.91	10.47	38.03	33.89	201	301	Average	VERTICAL
2	15695.28	58.37	74.00	-15.63	43.86	10.49	37.91	33.89	201	301	Peak	VERTICAL



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11508.44	56.48	74.00	-17.52	41.78	8.64	39.90	33.84	194	255	Peak	HORIZONTAL
2	11519.92	43.62	54.00	-10.38	28.97	8.66	39.83	33.84	194	255	Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11503.12	56.46	74.00	-17.54	41.76	8.64	39.90	33.84	239	335	Peak	VERTICAL
2	11511.64	43.47	54.00	-10.53	28.77	8.64	39.90	33.84	239	335	Average	VERTICAL



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 159 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11596.60	57.04	74.00	-16.96	42.49	8.69	39.70	33.84	215	172	Peak	HORIZONTAL
2	11598.52	44.25	54.00	-9.75	29.70	8.69	39.70	33.84	215	172	Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11587.32	56.71	74.00	-17.29	42.16	8.69	39.70	33.84	162	238	Peak	VERTICAL
2	11595.28	44.31	54.00	-9.69	29.76	8.69	39.70	33.84	162	238	Average	VERTICAL



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	15622.04	45.99	54.00	-8.01	31.28	10.44	38.15	33.88	226	98 Average	HORIZONTAL
2	15633.32	58.82	74.00	-15.18	44.11	10.44	38.15	33.88	226	98 Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	15629.04	45.91	54.00	-8.09	31.20	10.44	38.15	33.88	176	85 Average	VERTICAL
2	15630.40	58.33	74.00	-15.67	43.62	10.44	38.15	33.88	176	85 Peak	VERTICAL



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 155 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11559.32	55.61	74.00	-18.39	41.01	8.67	39.77	33.84	208	218	Peak	HORIZONTAL
2	11559.68	43.64	54.00	-10.36	29.04	8.67	39.77	33.84	208	218	Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11556.28	43.46	54.00	-10.54	28.86	8.67	39.77	33.84	154	271	Average	VERTICAL
2	11556.76	55.63	74.00	-18.37	41.03	8.67	39.77	33.84	154	271	Peak	VERTICAL



<For Beamforming Mode>

<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15542.48	59.27	74.00	-14.73	42.58	13.38	38.45	35.14	159	280	Peak	HORIZONTAL
2	15544.95	46.34	54.00	-7.66	29.65	13.38	38.45	35.14	159	280	Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15535.53	59.04	74.00	-14.96	42.35	13.38	38.45	35.14	164	343	Peak	VERTICAL
2	15543.73	46.61	54.00	-7.39	29.92	13.38	38.45	35.14	164	343	Average	VERTICAL





<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 40 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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Horizontal

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15595.10	60.08	74.00	-13.92	43.47	13.38	38.39	35.16	177	211	Peak	HORIZONTAL
2	15598.30	46.24	54.00	-7.76	29.63	13.38	38.39	35.16	177	211	Average	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15595.98	59.42	74.00	-14.58	42.81	13.38	38.39	35.16	162	267	Peak	VERTICAL
2	15602.28	46.66	54.00	-7.34	30.13	13.38	38.34	35.19	162	267	Average	VERTICAL





<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 48 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15722.02	46.06	54.00	-7.94	29.68	13.39	38.23	35.24	170	128	Average	HORIZONTAL
2	15724.12	58.89	74.00	-15.11	42.51	13.39	38.23	35.24	170	128	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15723.30	58.95	74.00	-15.05	42.57	13.39	38.23	35.24	174	159	Peak	VERTICAL
2	15724.07	46.14	54.00	-7.86	29.76	13.39	38.23	35.24	174	159	Average	VERTICAL



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11489.30	44.87	54.00	-9.13	29.17	10.75	39.70	34.75	179	98	Average	HORIZONTAL
2	11490.79	57.43	74.00	-16.57	41.73	10.75	39.70	34.75	179	98	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11488.73	57.79	74.00	-16.21	42.09	10.75	39.70	34.75	174	320	Peak	VERTICAL
2	11489.59	44.94	54.00	-9.06	29.24	10.75	39.70	34.75	174	320	Average	VERTICAL



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 157 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11567.73	58.00	74.00	-16.00	42.35	10.76	39.65	34.76	179	162	Peak	HORIZONTAL
2	11571.06	44.60	54.00	-9.40	28.95	10.76	39.65	34.76	179	162	Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11568.24	44.75	54.00	-9.25	29.10	10.76	39.65	34.76	183	209	Average	VERTICAL
2	11570.94	57.73	74.00	-16.27	42.08	10.76	39.65	34.76	183	209	Peak	VERTICAL



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 165 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11647.64	59.43	74.00	-14.57	43.84	10.77	39.59	34.77	167	130	Peak	HORIZONTAL
2	11651.71	44.19	54.00	-9.81	28.63	10.77	39.57	34.78	167	130	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11647.66	57.81	74.00	-16.19	42.22	10.77	39.59	34.77	170	87	Peak	VERTICAL
2	11650.99	44.35	54.00	-9.65	28.79	10.77	39.57	34.78	170	87	Average	VERTICAL



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15571.00	46.23	54.00	-7.77	29.62	13.38	38.39	35.16	182	304	Average	HORIZONTAL
2	15571.44	59.62	74.00	-14.38	43.01	13.38	38.39	35.16	182	304	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15568.61	59.52	74.00	-14.48	42.91	13.38	38.39	35.16	172	336	Peak	VERTICAL
2	15572.26	46.58	54.00	-7.42	29.97	13.38	38.39	35.16	172	336	Average	VERTICAL



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 46 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15690.65	59.62	74.00	-14.38	43.16	13.39	38.28	35.21	168	198	Peak	HORIZONTAL
2	15691.32	45.79	54.00	-8.21	29.41	13.39	38.23	35.24	168	198	Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15690.18	59.12	74.00	-14.88	42.66	13.39	38.28	35.21	165	263	Peak	VERTICAL
2	15692.23	45.84	54.00	-8.16	29.46	13.39	38.23	35.24	165	263	Average	VERTICAL





<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11509.12	58.02	74.00	-15.98	42.32	10.75	39.70	34.75	183	218	Peak	HORIZONTAL
2	11510.64	44.62	54.00	-9.38	28.92	10.75	39.70	34.75	183	218	Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11510.29	57.56	74.00	-16.44	41.86	10.75	39.70	34.75	190	263	Peak	VERTICAL
2	11511.19	44.74	54.00	-9.26	29.04	10.75	39.70	34.75	190	263	Average	VERTICAL





<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 159 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11588.57	57.04	74.00	-16.96	41.43	10.76	39.62	34.77	167	102	Peak	HORIZONTAL
2	11590.03	44.11	54.00	-9.89	28.50	10.76	39.62	34.77	167	102	Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11587.70	56.99	74.00	-17.01	41.38	10.76	39.62	34.77	174	142	Peak	VERTICAL
2	11589.92	44.34	54.00	-9.66	28.73	10.76	39.62	34.77	174	142	Average	VERTICAL



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15631.36	46.02	54.00	-7.98	29.49	13.38	38.34	35.19	181	197	Average	HORIZONTAL
2	15632.31	59.39	74.00	-14.61	42.86	13.38	38.34	35.19	181	197	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15627.70	59.78	74.00	-14.22	43.25	13.38	38.34	35.19	172	114	Peak	VERTICAL
2	15628.99	46.25	54.00	-7.75	29.72	13.38	38.34	35.19	172	114	Average	VERTICAL



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 155 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11551.05	44.69	54.00	-9.31	29.04	10.76	39.65	34.76	162	90	Average	HORIZONTAL
2	11551.66	58.05	74.00	-15.95	42.40	10.76	39.65	34.76	162	90	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11548.08	57.71	74.00	-16.29	42.05	10.75	39.67	34.76	171	149	Peak	VERTICAL
2	11548.15	44.86	54.00	-9.14	29.20	10.75	39.67	34.76	171	149	Average	VERTICAL



For Antenna 2

<For Non-Beamforming Mode>

<b>Configurations</b>	IEEE 802.11a CH 36 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15530.24	47.62	54.00	-6.38	30.93	13.38	38.45	35.14	185	259	Average	HORIZONTAL
2	15532.60	60.77	74.00	-13.23	44.08	13.38	38.45	35.14	185	259	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15531.56	60.71	74.00	-13.29	44.02	13.38	38.45	35.14	157	186	Peak	VERTICAL
2	15543.64	47.40	54.00	-6.60	30.71	13.38	38.45	35.14	157	186	Average	VERTICAL



<b>Configurations</b>	IEEE 802.11a CH 40 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15600.80	59.83	74.00	-14.17	43.30	13.38	38.34	35.19	139	141	Peak	HORIZONTAL
2	15605.40	47.14	54.00	-6.86	30.61	13.38	38.34	35.19	139	141	Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15608.32	47.20	54.00	-6.80	30.67	13.38	38.34	35.19	119	61	Average	VERTICAL
2	15609.88	60.26	74.00	-13.74	43.73	13.38	38.34	35.19	119	61	Peak	VERTICAL



<b>Configurations</b>	IEEE 802.11a CH 48 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15718.20	47.11	54.00	-6.89	30.73	13.39	38.23	35.24	209	314	Average	HORIZONTAL
2	15719.80	59.78	74.00	-14.22	43.40	13.39	38.23	35.24	209	314	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15712.56	46.91	54.00	-7.09	30.53	13.39	38.23	35.24	189	224	Average	VERTICAL
2	15726.96	60.32	74.00	-13.68	43.94	13.39	38.23	35.24	189	224	Peak	VERTICAL





<b>Configurations</b>	IEEE 802.11a CH 149 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11497.48	56.53	74.00	-17.47	40.83	10.75	39.70	34.75	157	182	Peak	HORIZONTAL
2	11497.96	43.20	54.00	-10.80	27.50	10.75	39.70	34.75	157	182	Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11487.60	56.20	74.00	-17.80	40.50	10.75	39.70	34.75	164	265	Peak	VERTICAL
2	11499.68	43.16	54.00	-10.84	27.46	10.75	39.70	34.75	164	265	Average	VERTICAL





<b>Configurations</b>	IEEE 802.11a CH 157 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11562.04	43.30	54.00	-10.70	27.65	10.76	39.65	34.76	185	39	Average	HORIZONTAL
2	11562.76	56.33	74.00	-17.67	40.68	10.76	39.65	34.76	185	39	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11561.72	43.32	54.00	-10.68	27.67	10.76	39.65	34.76	212	144	Average	VERTICAL
2	11577.16	55.95	74.00	-18.05	40.30	10.76	39.65	34.76	212	144	Peak	VERTICAL



<b>Configurations</b>	IEEE 802.11a CH 165 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11644.08	43.59	54.00	-10.41	28.00	10.77	39.59	34.77	130	176	Average	HORIZONTAL
2	11655.64	56.62	74.00	-17.38	41.06	10.77	39.57	34.78	130	176	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11650.68	43.69	54.00	-10.31	28.10	10.77	39.59	34.77	136	100	Average	VERTICAL
2	11651.44	55.94	74.00	-18.06	40.38	10.77	39.57	34.78	136	100	Peak	VERTICAL



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15531.48	47.51	54.00	-6.49	30.82	13.38	38.45	35.14	204	287	Average	HORIZONTAL
2	15536.96	60.99	74.00	-13.01	44.30	13.38	38.45	35.14	204	287	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15532.56	47.57	54.00	-6.43	30.88	13.38	38.45	35.14	178	206	Average	VERTICAL
2	15544.12	59.91	74.00	-14.09	43.22	13.38	38.45	35.14	178	206	Peak	VERTICAL



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 40 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15607.44	47.20	54.00	-6.80	30.67	13.38	38.34	35.19	162	184	Average	HORIZONTAL
2	15609.88	60.62	74.00	-13.38	44.09	13.38	38.34	35.19	162	184	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15601.24	47.25	54.00	-6.75	30.72	13.38	38.34	35.19	189	260	Average	VERTICAL
2	15605.44	60.16	74.00	-13.84	43.63	13.38	38.34	35.19	189	260	Peak	VERTICAL



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 48 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15715.32	60.36	74.00	-13.64	43.98	13.39	38.23	35.24	170	217	Peak	HORIZONTAL
2	15716.36	47.14	54.00	-6.86	30.76	13.39	38.23	35.24	170	217	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15724.04	59.49	74.00	-14.51	43.11	13.39	38.23	35.24	144	144	Peak	VERTICAL
2	15725.08	46.99	54.00	-7.01	30.61	13.39	38.23	35.24	144	144	Average	VERTICAL



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11491.48	56.16	74.00	-17.84	40.46	10.75	39.70	34.75	221	89	Peak	HORIZONTAL
2	11497.72	43.05	54.00	-10.95	27.35	10.75	39.70	34.75	221	89	Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11486.80	43.91	54.00	-10.09	28.21	10.75	39.70	34.75	251	6	Average	VERTICAL
2	11495.28	57.92	74.00	-16.08	42.22	10.75	39.70	34.75	251	6	Peak	VERTICAL





<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 157 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11567.72	55.78	74.00	-18.22	40.13	10.76	39.65	34.76	157	112	Peak	HORIZONTAL
2	11569.92	43.34	54.00	-10.66	27.69	10.76	39.65	34.76	157	112	Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11564.72	43.32	54.00	-10.68	27.67	10.76	39.65	34.76	168	199	Average	VERTICAL
2	11576.44	56.22	74.00	-17.78	40.57	10.76	39.65	34.76	168	199	Peak	VERTICAL





<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 165 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11646.96	56.56	74.00	-17.44	40.97	10.77	39.59	34.77	149	241	Peak	HORIZONTAL
2	11654.32	43.61	54.00	-10.39	28.05	10.77	39.57	34.78	149	241	Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11643.16	43.66	54.00	-10.34	28.07	10.77	39.59	34.77	196	136	Average	VERTICAL
2	11654.00	56.32	74.00	-17.68	40.76	10.77	39.57	34.78	196	136	Peak	VERTICAL



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15560.28	47.09	54.00	-6.91	30.48	13.38	38.39	35.16	165	152	Average	HORIZONTAL
2	15574.76	60.16	74.00	-13.84	43.55	13.38	38.39	35.16	165	152	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15578.24	47.20	54.00	-6.80	30.59	13.38	38.39	35.16	259	287	Average	VERTICAL
2	15578.76	59.66	74.00	-14.34	43.05	13.38	38.39	35.16	259	287	Peak	VERTICAL



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 46 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15695.04	46.86	54.00	-7.14	30.48	13.39	38.23	35.24	154	228	Average	HORIZONTAL
2	15699.16	60.07	74.00	-13.93	43.69	13.39	38.23	35.24	154	228	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15685.12	59.64	74.00	-14.36	43.18	13.39	38.28	35.21	144	337	Peak	VERTICAL
2	15691.12	46.91	54.00	-7.09	30.53	13.39	38.23	35.24	144	337	Average	VERTICAL



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11512.40	43.45	54.00	-10.55	27.75	10.75	39.70	34.75	113	123	Average	HORIZONTAL
2	11516.32	55.91	74.00	-18.09	40.21	10.75	39.70	34.75	113	123	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11515.28	55.98	74.00	-18.02	40.28	10.75	39.70	34.75	134	196	Peak	VERTICAL
2	11516.84	43.25	54.00	-10.75	27.59	10.75	39.67	34.76	134	196	Average	VERTICAL



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 159 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11589.00	56.60	74.00	-17.40	40.99	10.76	39.62	34.77	161	248	Peak	HORIZONTAL
2	11597.48	43.53	54.00	-10.47	27.92	10.76	39.62	34.77	161	248	Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11588.08	56.95	74.00	-17.05	41.34	10.76	39.62	34.77	184	325	Peak	VERTICAL
2	11599.00	43.63	54.00	-10.37	28.02	10.76	39.62	34.77	184	325	Average	VERTICAL



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15620.80	47.62	54.00	-6.38	31.09	13.38	38.34	35.19	192	274	Average	HORIZONTAL
2	15633.84	60.49	74.00	-13.51	43.96	13.38	38.34	35.19	192	274	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15628.96	47.53	54.00	-6.47	31.00	13.38	38.34	35.19	204	190	Average	VERTICAL
2	15637.64	60.68	74.00	-13.32	44.15	13.38	38.34	35.19	204	190	Peak	VERTICAL





<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 155 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11550.20	43.29	54.00	-10.71	27.64	10.76	39.65	34.76	204	157	Average	HORIZONTAL
2	11551.80	57.58	74.00	-16.42	41.93	10.76	39.65	34.76	204	157	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11554.32	56.11	74.00	-17.89	40.46	10.76	39.65	34.76	226	244	Peak	VERTICAL
2	11558.36	43.36	54.00	-10.64	27.71	10.76	39.65	34.76	226	244	Average	VERTICAL





<For Beamforming Mode>

<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15538.41	59.78	74.00	-14.22	43.09	13.38	38.45	35.14	162	347	Peak	HORIZONTAL
2	15540.10	46.75	54.00	-7.25	30.06	13.38	38.45	35.14	162	347	Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15541.92	46.90	54.00	-7.10	30.21	13.38	38.45	35.14	165	358	Average	VERTICAL
2	15542.37	59.49	74.00	-14.51	42.80	13.38	38.45	35.14	165	358	Peak	VERTICAL



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 40 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15598.73	60.79	74.00	-13.21	44.18	13.38	38.39	35.16	161	338	Peak	HORIZONTAL
2	15600.96	46.55	54.00	-7.45	30.02	13.38	38.34	35.19	161	338	Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15599.70	46.71	54.00	-7.29	30.10	13.38	38.39	35.16	168	351	Average	VERTICAL
2	15599.80	59.50	74.00	-14.50	42.89	13.38	38.39	35.16	168	351	Peak	VERTICAL



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 48 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15719.54	60.22	74.00	-13.78	43.84	13.39	38.23	35.24	166	355	Peak	HORIZONTAL
2	15721.95	46.09	54.00	-7.91	29.71	13.39	38.23	35.24	166	355	Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15719.39	46.24	54.00	-7.76	29.86	13.39	38.23	35.24	164	23	Average	VERTICAL
2	15721.85	59.17	74.00	-14.83	42.79	13.39	38.23	35.24	164	23	Peak	VERTICAL



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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*Horizontal*

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11489.50	44.65	54.00	-9.35	28.95	10.75	39.70	34.75	172	328	Average	HORIZONTAL
2	11491.45	57.90	74.00	-16.10	42.20	10.75	39.70	34.75	172	328	Peak	HORIZONTAL

*Vertical*

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11488.52	57.22	74.00	-16.78	41.52	10.75	39.70	34.75	164	348	Peak	VERTICAL
2	11490.81	44.87	54.00	-9.13	29.17	10.75	39.70	34.75	164	348	Average	VERTICAL



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 157 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11567.64	57.21	74.00	-16.79	41.56	10.76	39.65	34.76	163	358	Peak	HORIZONTAL
2	11568.54	44.46	54.00	-9.54	28.81	10.76	39.65	34.76	163	358	Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11568.97	56.95	74.00	-17.05	41.30	10.76	39.65	34.76	171	341	Peak	VERTICAL
2	11571.47	44.56	54.00	-9.44	28.91	10.76	39.65	34.76	171	341	Average	VERTICAL



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 165 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	11649.85	57.52	74.00	-16.48	41.93	10.77	39.59	34.77	162	36 Peak	HORIZONTAL
2	11652.19	44.24	54.00	-9.76	28.68	10.77	39.57	34.78	162	36 Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	11648.13	57.25	74.00	-16.75	41.66	10.77	39.59	34.77	167	342 Peak	VERTICAL
2	11651.19	44.43	54.00	-9.57	28.87	10.77	39.57	34.78	167	342 Average	VERTICAL





<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15570.99	46.23	54.00	-7.77	29.62	13.38	38.39	35.16	215	352	Average	HORIZONTAL
2	15572.44	61.22	74.00	-12.78	44.61	13.38	38.39	35.16	215	352	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15569.68	46.41	54.00	-7.59	29.80	13.38	38.39	35.16	166	18	Average	VERTICAL
2	15569.74	60.01	74.00	-13.99	43.40	13.38	38.39	35.16	166	18	Peak	VERTICAL





<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 46 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15691.52	46.01	54.00	-7.99	29.63	13.39	38.23	35.24	195	341	Average	HORIZONTAL
2	15692.12	58.82	74.00	-15.18	42.44	13.39	38.23	35.24	195	341	Peak	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15691.61	46.24	54.00	-7.76	29.86	13.39	38.23	35.24	202	355	Average	VERTICAL
2	15692.28	59.78	74.00	-14.22	43.40	13.39	38.23	35.24	202	355	Peak	VERTICAL



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11509.79	57.95	74.00	-16.05	42.25	10.75	39.70	34.75	168	358	Peak	HORIZONTAL
2	11511.83	44.84	54.00	-9.16	29.14	10.75	39.70	34.75	168	358	Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11507.64	45.06	54.00	-8.94	29.36	10.75	39.70	34.75	155	349	Average	VERTICAL
2	11509.54	57.27	74.00	-16.73	41.57	10.75	39.70	34.75	155	349	Peak	VERTICAL



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 159 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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*Horizontal*

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11589.94	58.44	74.00	-15.56	42.83	10.76	39.62	34.77	171	358	Peak	HORIZONTAL
2	11592.30	44.23	54.00	-9.77	28.62	10.76	39.62	34.77	171	358	Average	HORIZONTAL

*Vertical*

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11589.36	57.31	74.00	-16.69	41.70	10.76	39.62	34.77	164	343	Peak	VERTICAL
2	11590.38	44.55	54.00	-9.45	28.94	10.76	39.62	34.77	164	343	Average	VERTICAL



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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*Horizontal*

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15629.28	46.32	54.00	-7.68	29.79	13.38	38.34	35.19	158	0	Average	HORIZONTAL
2	15630.51	59.69	74.00	-14.31	43.16	13.38	38.34	35.19	158	0	Peak	HORIZONTAL

*Vertical*

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15628.18	46.41	54.00	-7.59	29.88	13.38	38.34	35.19	165	12	Average	VERTICAL
2	15629.54	59.24	74.00	-14.76	42.71	13.38	38.34	35.19	165	12	Peak	VERTICAL



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 155 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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**Horizontal**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	11548.25	58.31	74.00	-15.69	42.65	10.75	39.67	34.76	168	351 Peak	HORIZONTAL
2	11551.19	44.61	54.00	-9.39	28.96	10.76	39.65	34.76	168	351 Average	HORIZONTAL

**Vertical**

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	11547.66	57.94	74.00	-16.06	42.28	10.75	39.67	34.76	172	352 Peak	VERTICAL
2	11547.98	44.78	54.00	-9.22	29.12	10.75	39.67	34.76	172	352 Average	VERTICAL

Note:

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

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

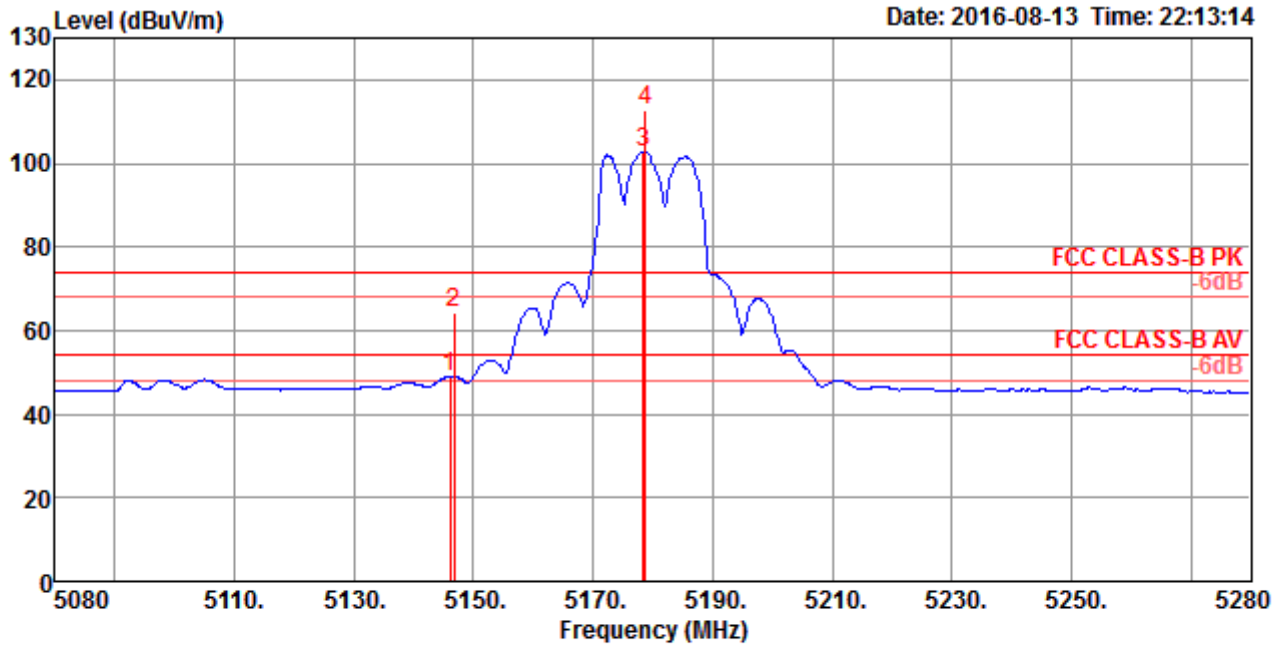
**Band Edge Emissions**

For Antenna 1

<For Non-Beamforming Mode>

Configurations	IEEE 802.11a CH 36, 40, 48 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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Channel 36

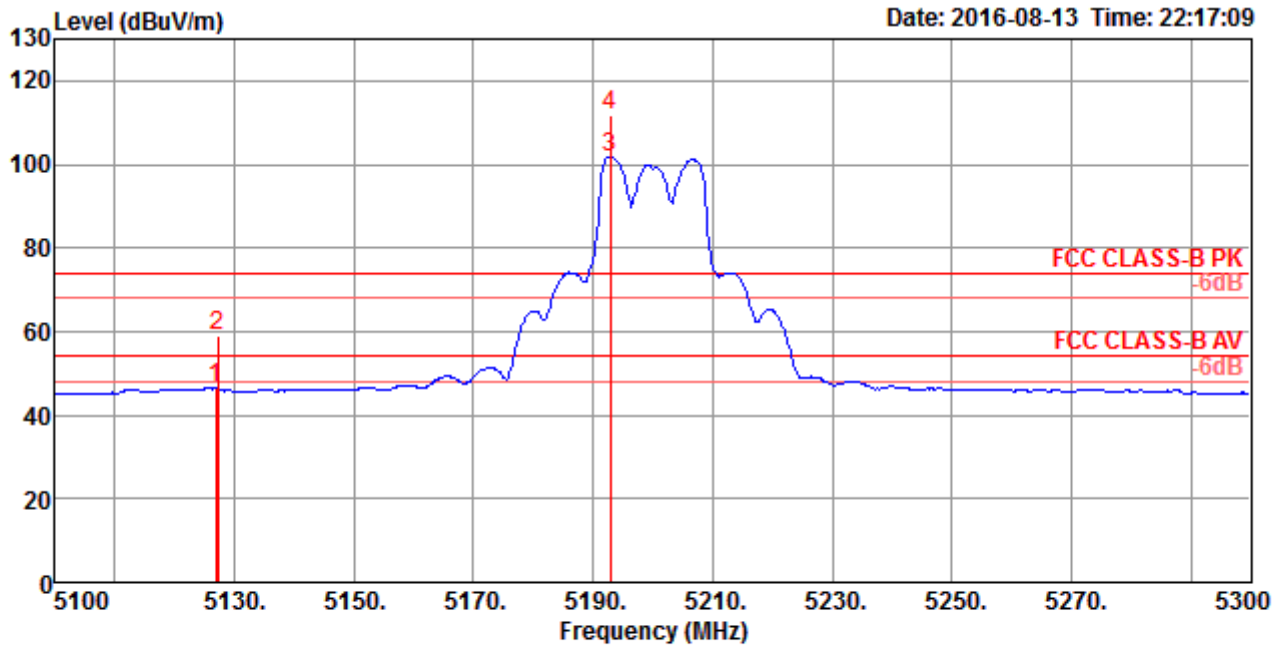


	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5146.00	49.09	54.00	-4.91	43.55	5.73	31.45	31.64	160	359	Average	VERTICAL
2	5146.80	64.27	74.00	-9.73	58.73	5.73	31.45	31.64	160	359	Peak	VERTICAL
3	5178.40	102.62			97.07	5.71	31.48	31.64	160	359	Average	VERTICAL
4	5178.80	112.93			107.38	5.71	31.48	31.64	160	359	Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 5180 MHz.



Channel 40

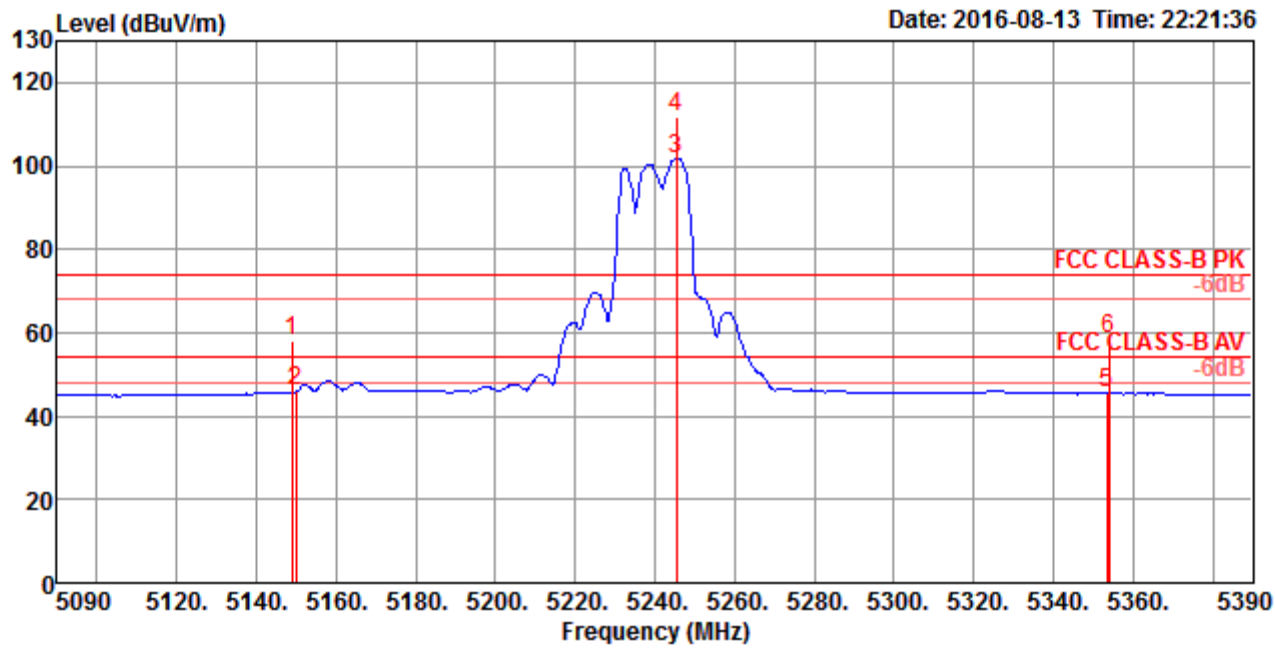


	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5126.80	46.34	54.00	-7.66	40.82	5.75	31.42	31.65	173	16	Average	VERTICAL
2	5127.20	59.00	74.00	-15.00	53.47	5.74	31.44	31.65	173	16	Peak	VERTICAL
3	5192.80	101.85			96.29	5.70	31.50	31.64	173	16	Average	VERTICAL
4	5192.80	112.00			106.44	5.70	31.50	31.64	173	16	Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 5200 MHz.



Channel 48

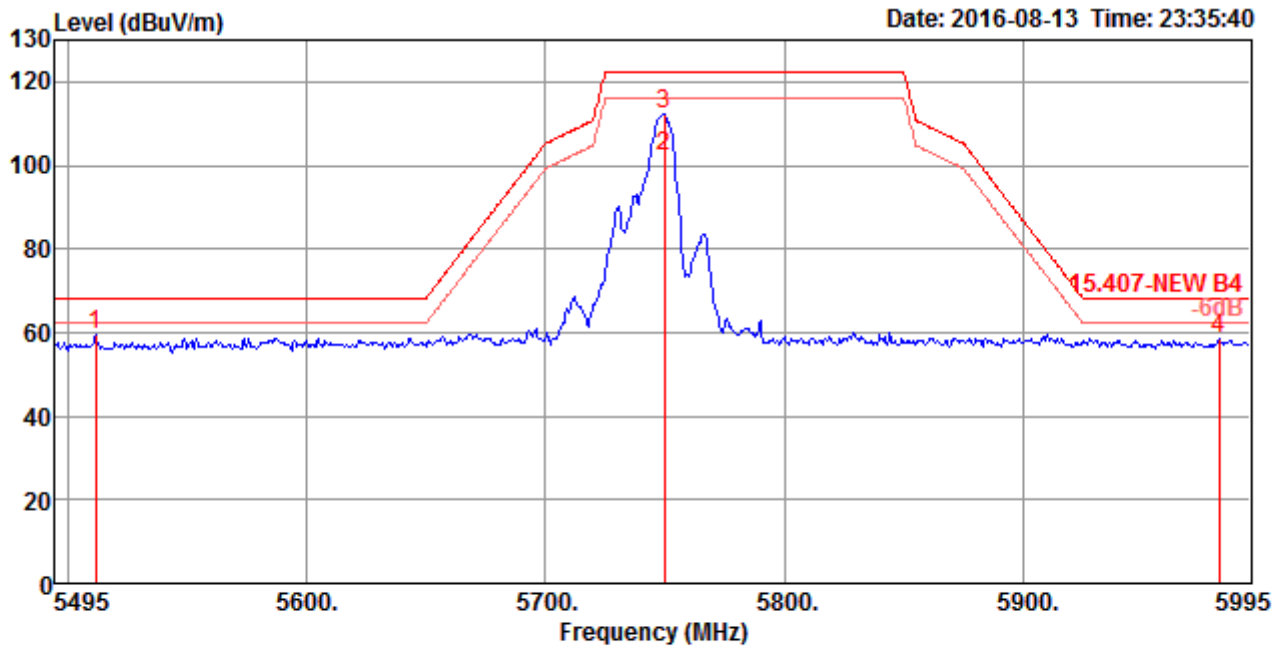


	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5148.80	58.10	74.00	-15.90	52.56	5.73	31.45	31.64	154	355	Peak	VERTICAL
2	5150.00	45.83	54.00	-8.17	40.29	5.73	31.45	31.64	154	355	Average	VERTICAL
3	5245.40	101.87			96.22	5.74	31.54	31.63	154	355	Average	VERTICAL
4	5245.40	111.60			105.95	5.74	31.54	31.63	154	355	Peak	VERTICAL
5	5353.40	45.51	54.00	-8.49	39.66	5.82	31.65	31.62	154	355	Average	VERTICAL
6	5354.00	58.62	74.00	-15.38	52.77	5.82	31.65	31.62	154	355	Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 5240 MHz.

<b>Configurations</b>	IEEE 802.11a CH 149, 157, 165 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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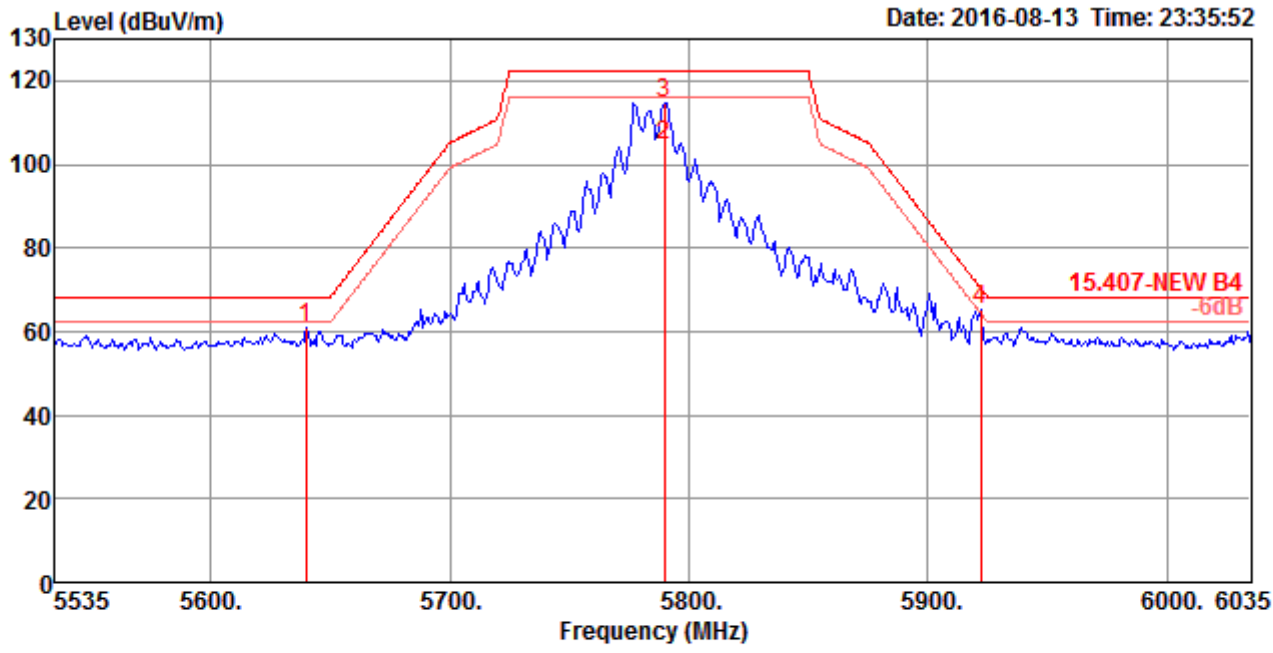
Channel 149



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5512.00	59.58	68.20	-8.62	53.39	5.99	31.82	31.62	321	166	Peak	VERTICAL
2	5750.00	102.17			95.46	6.32	32.10	31.71	321	166	Average	VERTICAL
3	5750.00	112.17			105.46	6.32	32.10	31.71	321	166	Peak	VERTICAL
4	5982.00	58.66	68.20	-9.54	52.00	6.08	32.38	31.80	321	166	Peak	VERTICAL

Item 2, 3 are the fundamental frequency at 5745 MHz.

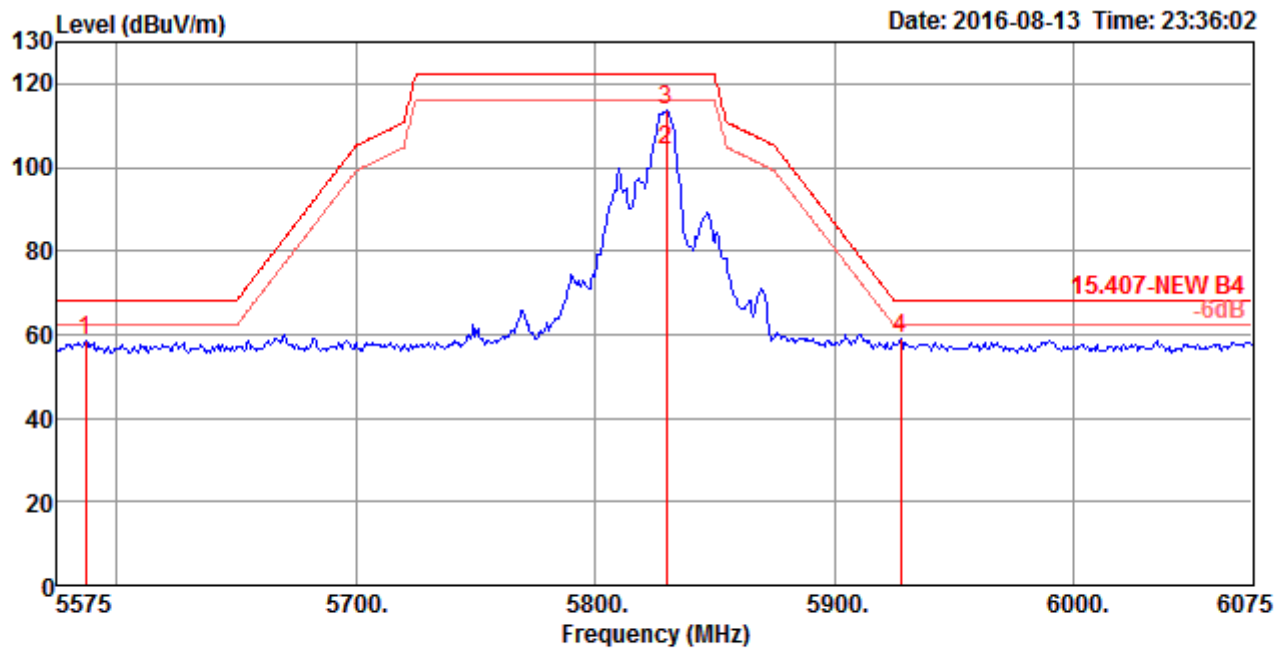
Channel 157



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5640.00	61.10	68.20	-7.10	54.68	6.13	31.96	31.67	259	3 Peak	VERTICAL
2	5790.00	104.37			97.53	6.41	32.16	31.73	259	3 Average	VERTICAL
3	5790.00	114.72			107.88	6.41	32.16	31.73	259	3 Peak	VERTICAL
4	5922.00	65.07	70.41	-5.34	58.35	6.20	32.30	31.78	259	3 Peak	VERTICAL

Item 2, 3 are the fundamental frequency at 5785 MHz.

Channel 165

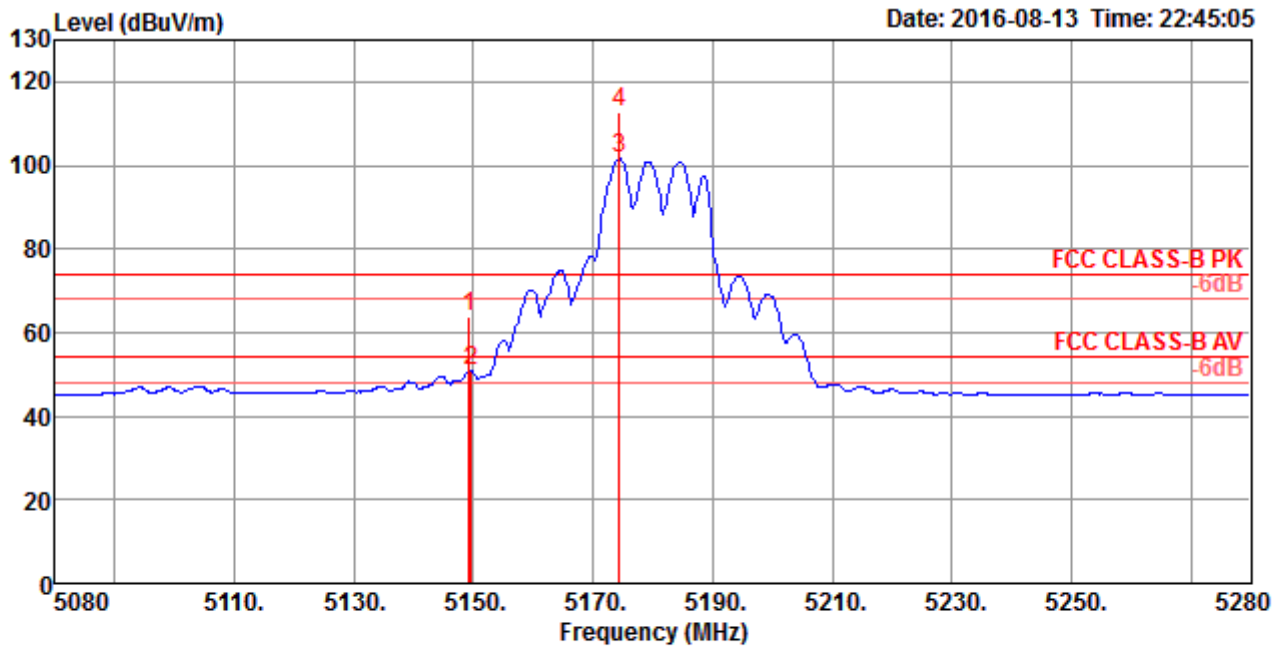


	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5587.00	58.60	68.20	-9.60	52.30	6.05	31.90	31.65	324	170	Peak	VERTICAL
2	5830.00	104.10			97.29	6.35	32.20	31.74	324	170	Average	VERTICAL
3	5830.00	113.85			107.04	6.35	32.20	31.74	324	170	Peak	VERTICAL
4	5928.00	59.14	68.20	-9.06	52.43	6.17	32.32	31.78	324	170	Peak	VERTICAL

Item 2, 3 are the fundamental frequency at 5825 MHz.

<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36, 40, 48 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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Channel 36

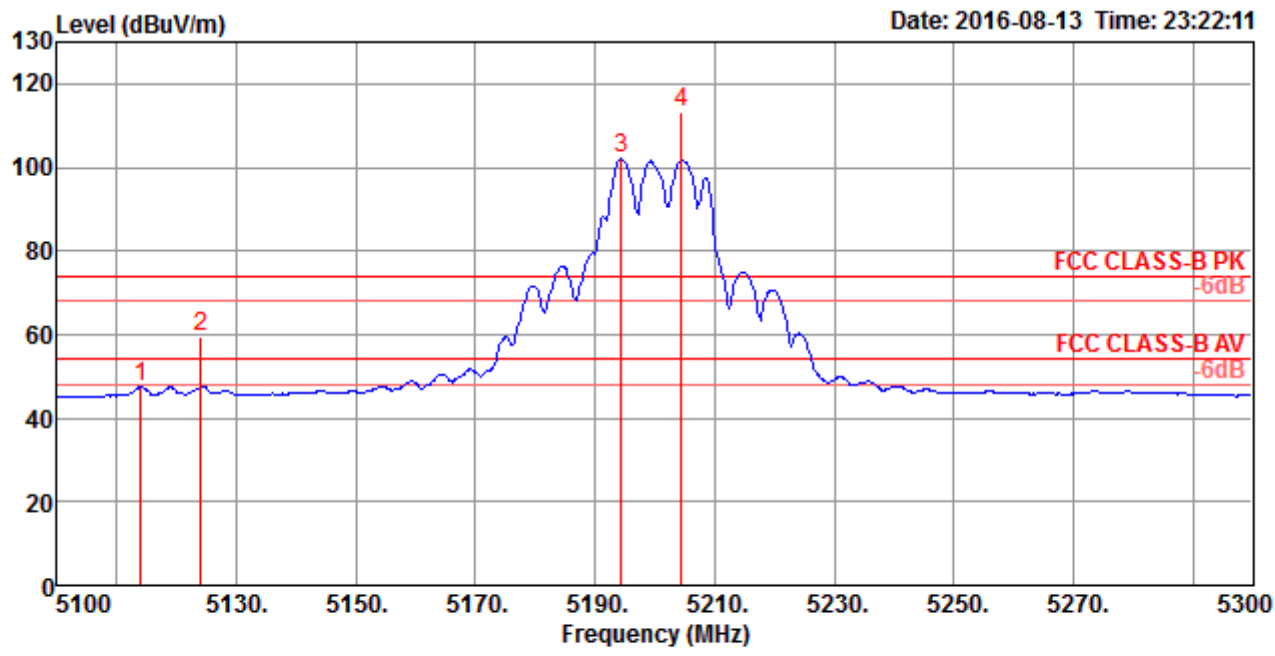


	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5149.20	63.85	74.00	-10.15	58.31	5.73	31.45	31.64	204	172	Peak	VERTICAL
2	5149.60	50.87	54.00	-3.13	45.33	5.73	31.45	31.64	204	172	Average	VERTICAL
3	5174.40	101.66			96.11	5.71	31.48	31.64	204	172	Average	VERTICAL
4	5174.40	112.70			107.15	5.71	31.48	31.64	204	172	Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 5180 MHz.



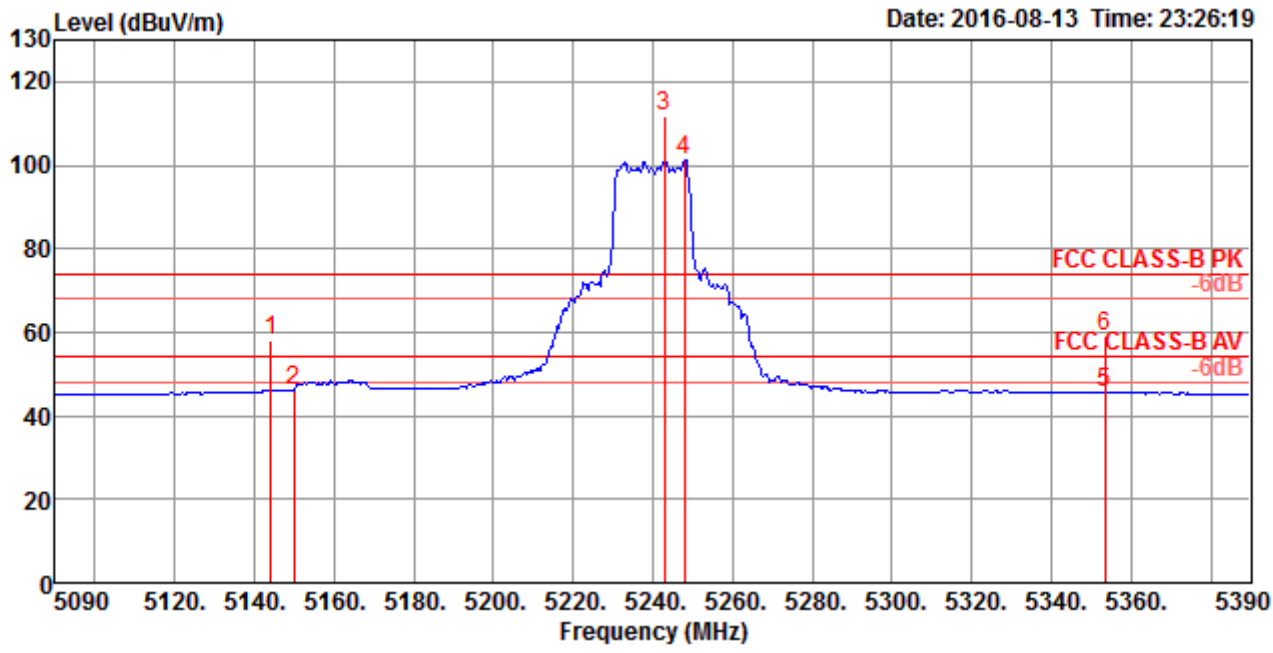
Channel 40



	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5114.00	47.53	54.00	-6.47	42.01	5.75	31.42	31.65	177	175	Average	VERTICAL
2	5124.00	59.67	74.00	-14.33	54.15	5.75	31.42	31.65	177	175	Peak	VERTICAL
3	5194.40	101.95			96.39	5.70	31.50	31.64	177	175	Average	VERTICAL
4	5204.40	113.37			107.78	5.72	31.51	31.64	177	175	Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 5200 MHz.

Channel 48



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5144.00	58.02	74.00	-15.98	52.48	5.73	31.45	31.64	153	353	Peak	VERTICAL
2	5150.00	46.27	54.00	-7.73	40.73	5.73	31.45	31.64	153	353	Average	VERTICAL
3	5243.00	111.75			106.10	5.74	31.54	31.63	153	353	Peak	VERTICAL
4	5247.80	101.18			95.50	5.75	31.56	31.63	153	353	Average	VERTICAL
5	5353.40	45.65	54.00	-8.35	39.80	5.82	31.65	31.62	153	353	Average	VERTICAL
6	5353.40	58.79	74.00	-15.21	52.94	5.82	31.65	31.62	153	353	Peak	VERTICAL

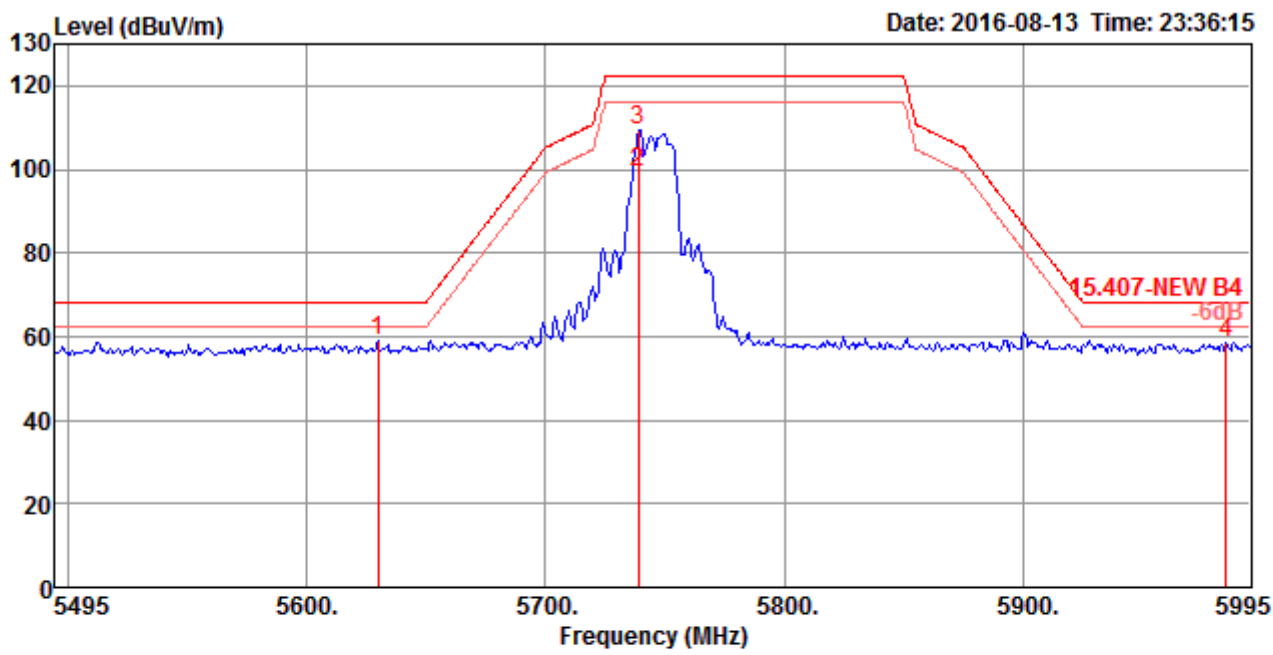
Item 3, 4 are the fundamental frequency at 5240 MHz.





<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149, 157, 165 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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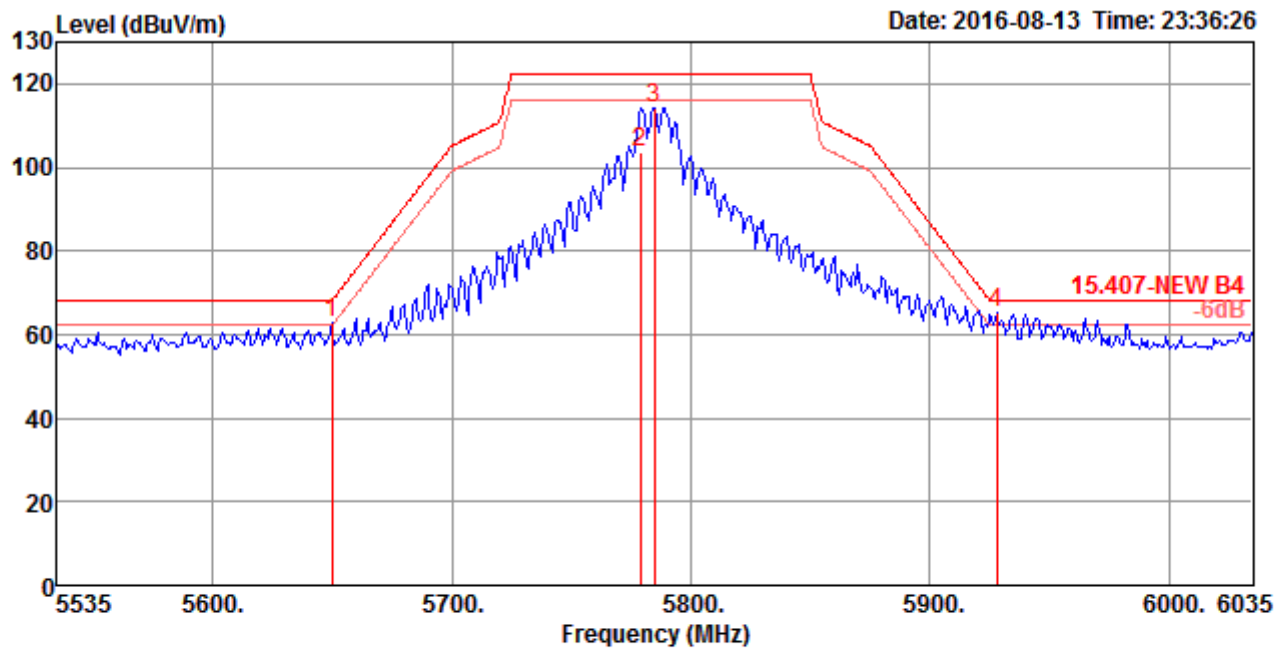
Channel 149



	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5630.00	58.91	68.20	-9.29	52.48	6.13	31.96	31.66	162	178	Peak	VERTICAL
2	5739.00	99.29			92.58	6.32	32.10	31.71	162	178	Average	VERTICAL
3	5739.00	109.43			102.72	6.32	32.10	31.71	162	178	Peak	VERTICAL
4	5985.00	58.45	68.20	-9.75	51.79	6.08	32.38	31.80	162	178	Peak	VERTICAL

Item 2, 3 are the fundamental frequency at 5745 MHz.

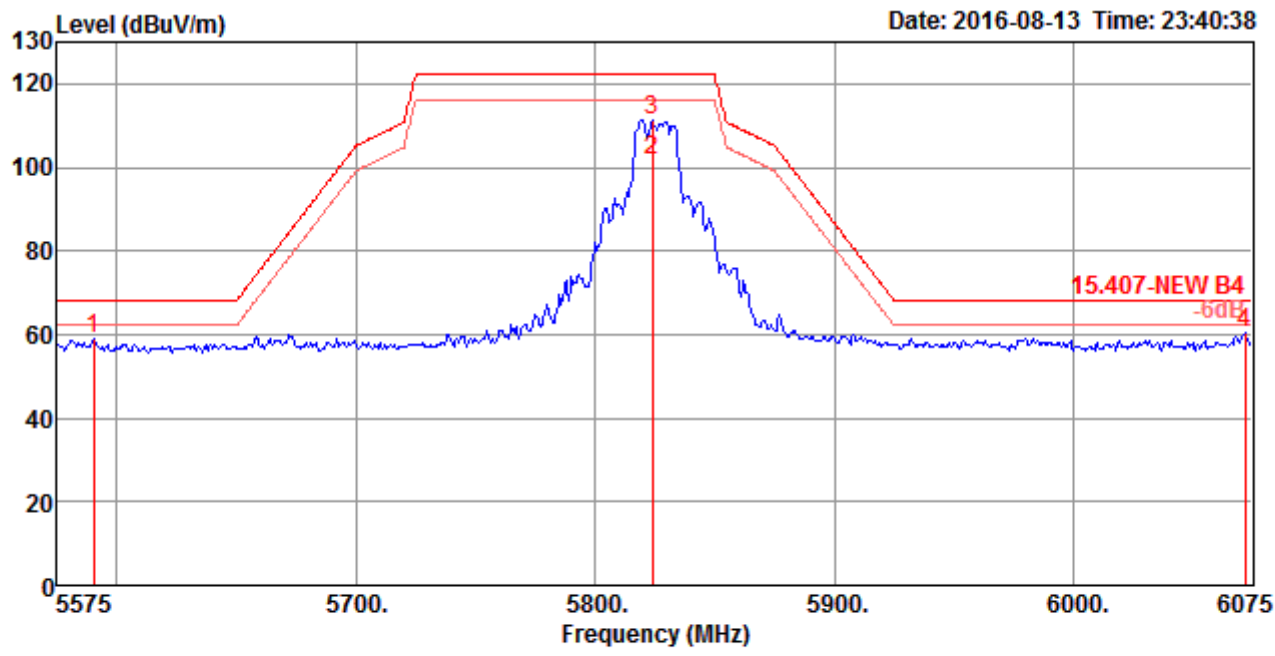
Channel 157



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5650.00	62.65	68.20	-5.55	56.18	6.16	31.98	31.67	145	180	Peak	VERTICAL
2	5779.00	103.84			97.04	6.38	32.14	31.72	145	180	Average	VERTICAL
3	5785.00	114.20			107.41	6.38	32.14	31.73	145	180	Peak	VERTICAL
4	5928.00	65.30	68.20	-2.90	58.59	6.17	32.32	31.78	145	180	Peak	VERTICAL

Item 2, 3 are the fundamental frequency at 5785 MHz.

Channel 165



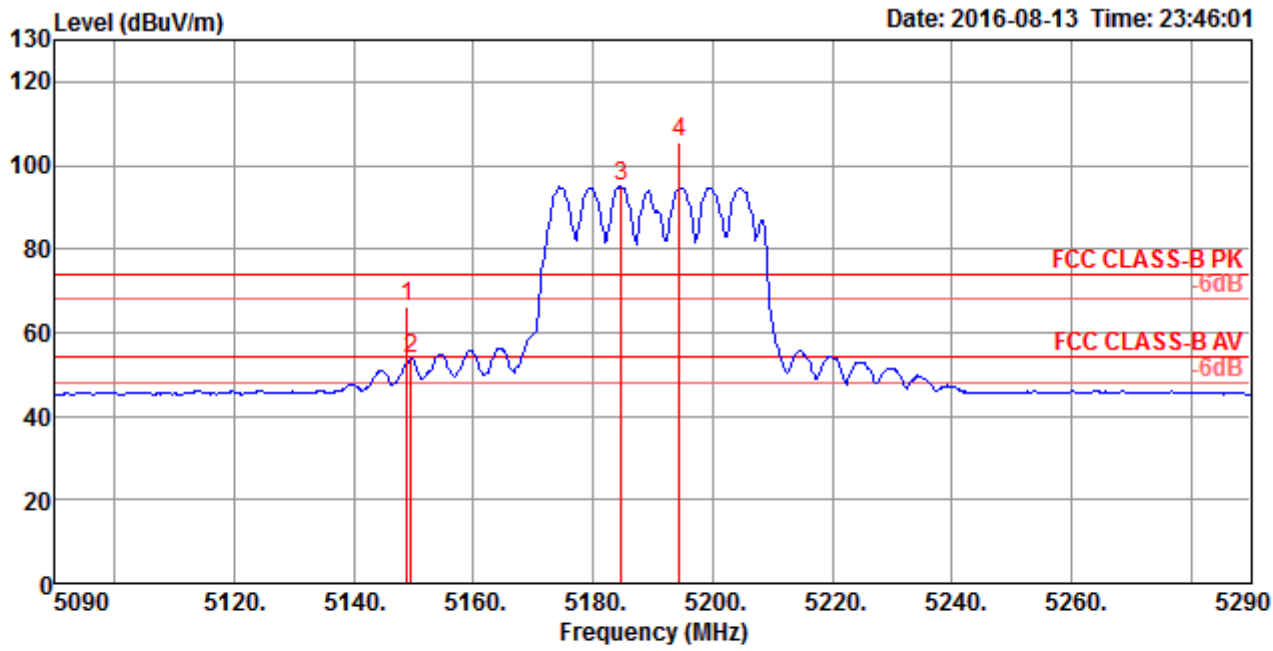
	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5590.00	58.91	68.20	-9.29	52.61	6.05	31.90	31.65	148	170	Peak	VERTICAL
2	5824.00	101.51			94.70	6.35	32.20	31.74	148	170	Average	VERTICAL
3	5824.00	111.46			104.65	6.35	32.20	31.74	148	170	Peak	VERTICAL
4	6072.00	60.41	68.20	-7.79	53.49	6.15	32.63	31.86	148	170	Peak	VERTICAL

Item 2, 3 are the fundamental frequency at 5825 MHz.



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38, 46 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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Channel 38

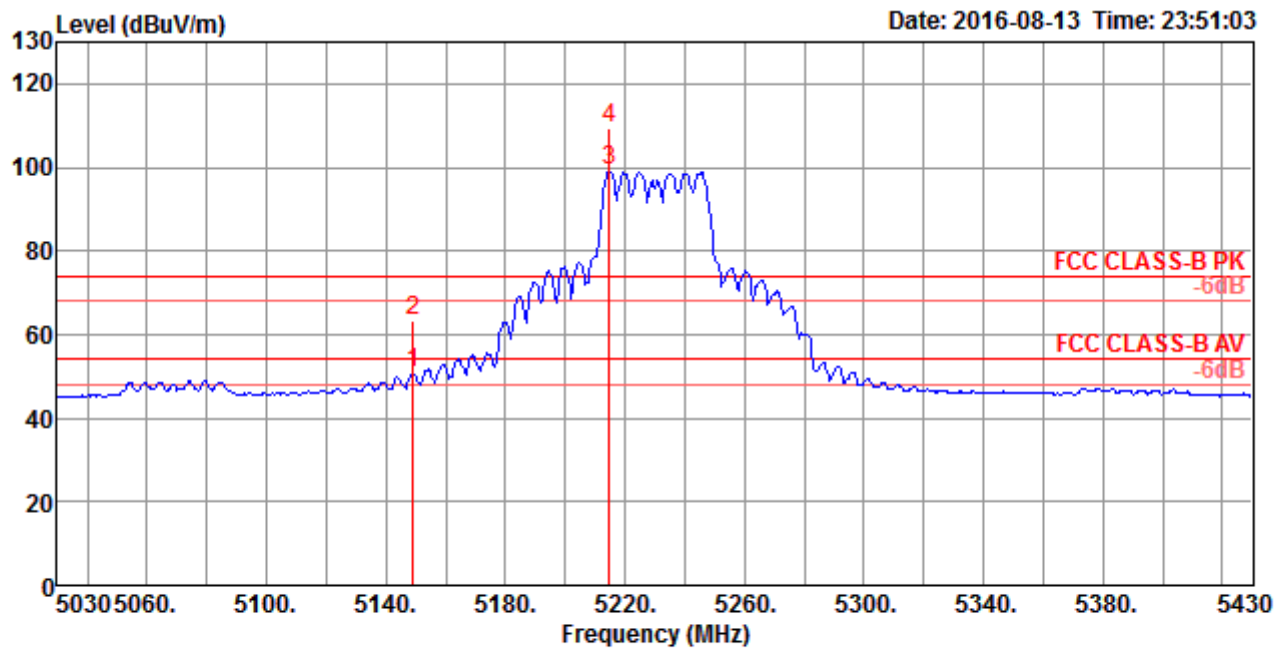


	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5148.80	66.29	74.00	-7.71	60.75	5.73	31.45	31.64	168	173	Peak	VERTICAL
2	5149.60	53.77	54.00	-0.23	48.23	5.73	31.45	31.64	168	173	Average	VERTICAL
3	5184.80	94.89			89.34	5.71	31.48	31.64	168	173	Average	VERTICAL
4	5194.40	105.72			100.16	5.70	31.50	31.64	168	173	Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 5190 MHz.



Channel 46



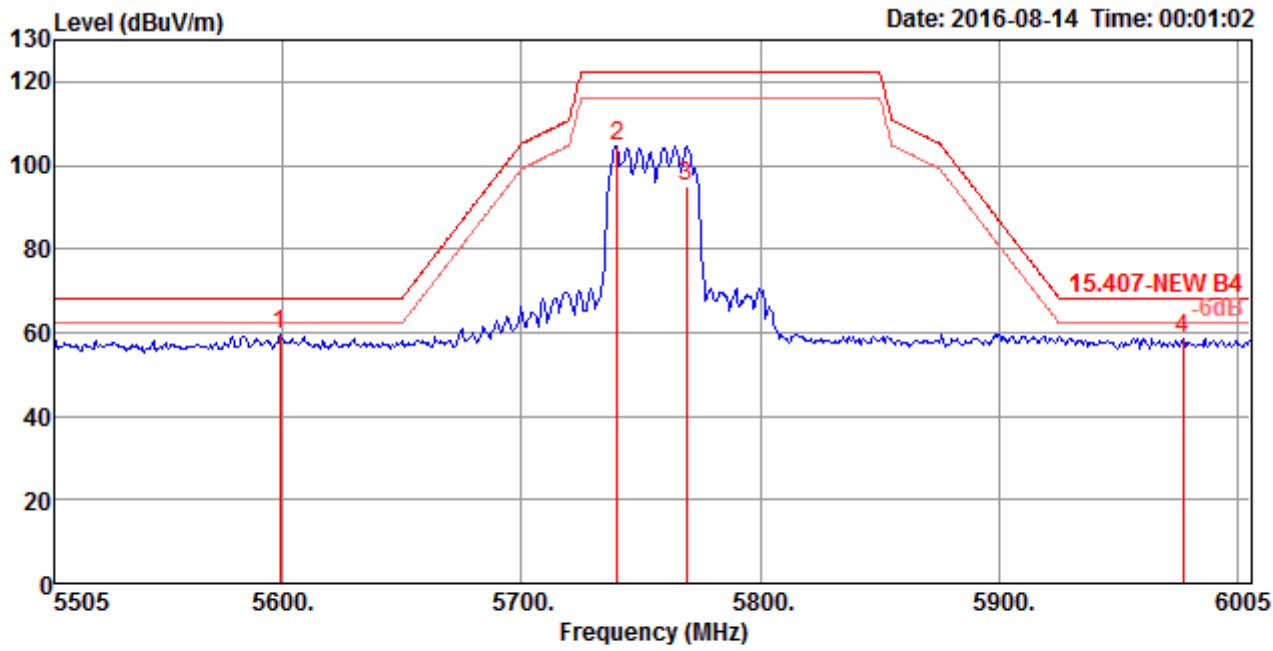
	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5149.20	50.77	54.00	-3.23	45.23	5.73	31.45	31.64	143	178	Average	VERTICAL
2	5149.20	63.42	74.00	-10.58	57.88	5.73	31.45	31.64	143	178	Peak	VERTICAL
3	5214.80	99.08			93.49	5.72	31.51	31.64	143	178	Average	VERTICAL
4	5214.80	109.60			104.01	5.72	31.51	31.64	143	178	Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 5230 MHz.



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151, 159 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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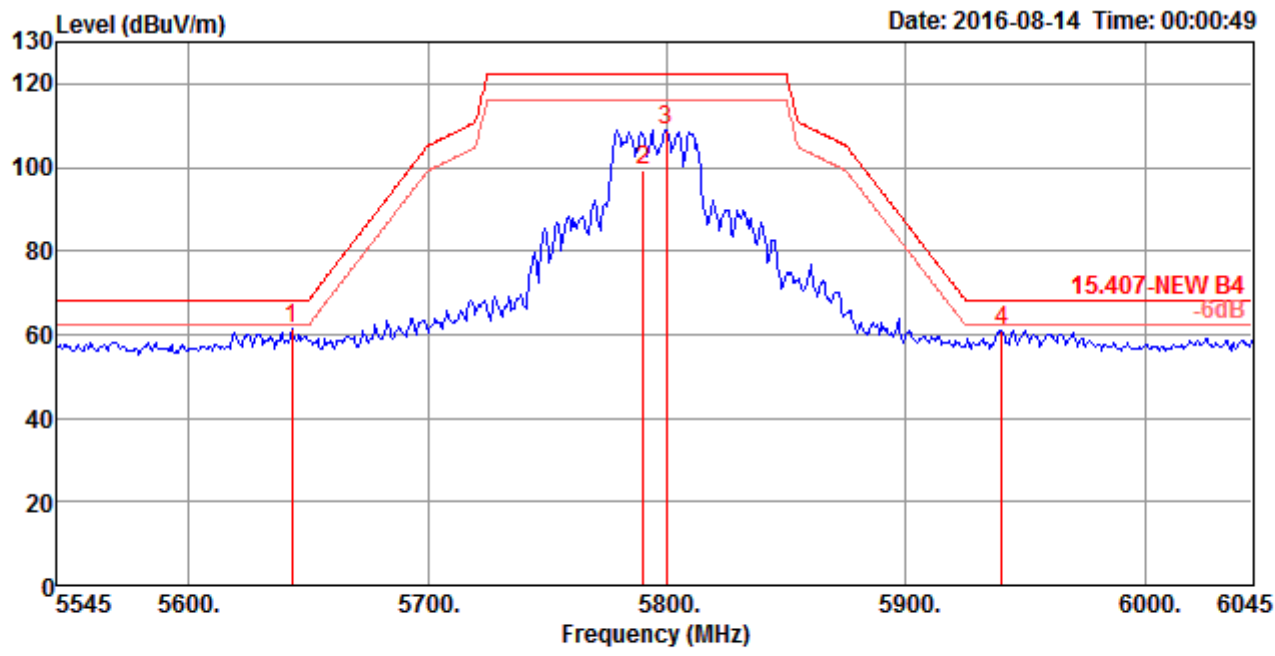
Channel 151



	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5599.00	59.25	68.20	-8.95	52.91	6.07	31.92	31.65	160	179	Peak	VERTICAL
2	5740.00	104.61			97.90	6.32	32.10	31.71	160	179	Peak	VERTICAL
3	5769.00	94.75			88.00	6.35	32.12	31.72	160	179	Average	VERTICAL
4	5977.00	58.76	68.20	-9.44	52.10	6.08	32.38	31.80	160	179	Peak	VERTICAL

Item 2, 3 are the fundamental frequency at 5755 MHz.

Channel 159



	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5643.00	61.42	68.20	-6.78	54.95	6.16	31.98	31.67	142	185	Peak	VERTICAL
2	5790.00	99.24			92.40	6.41	32.16	31.73	142	185	Average	VERTICAL
3	5800.00	108.98			102.14	6.41	32.16	31.73	142	185	Peak	VERTICAL
4	5940.00	61.07	68.20	-7.13	54.37	6.17	32.32	31.79	142	185	Peak	VERTICAL

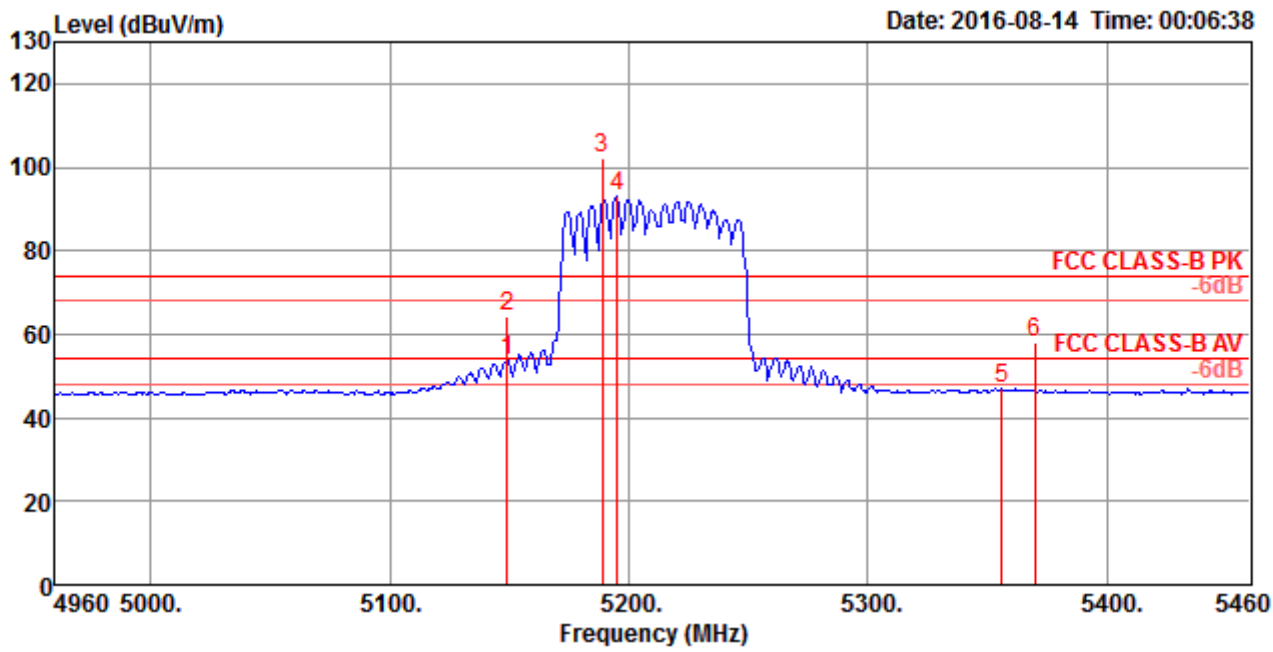
Item 2, 3 are the fundamental frequency at 5795 MHz.





<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42, 155 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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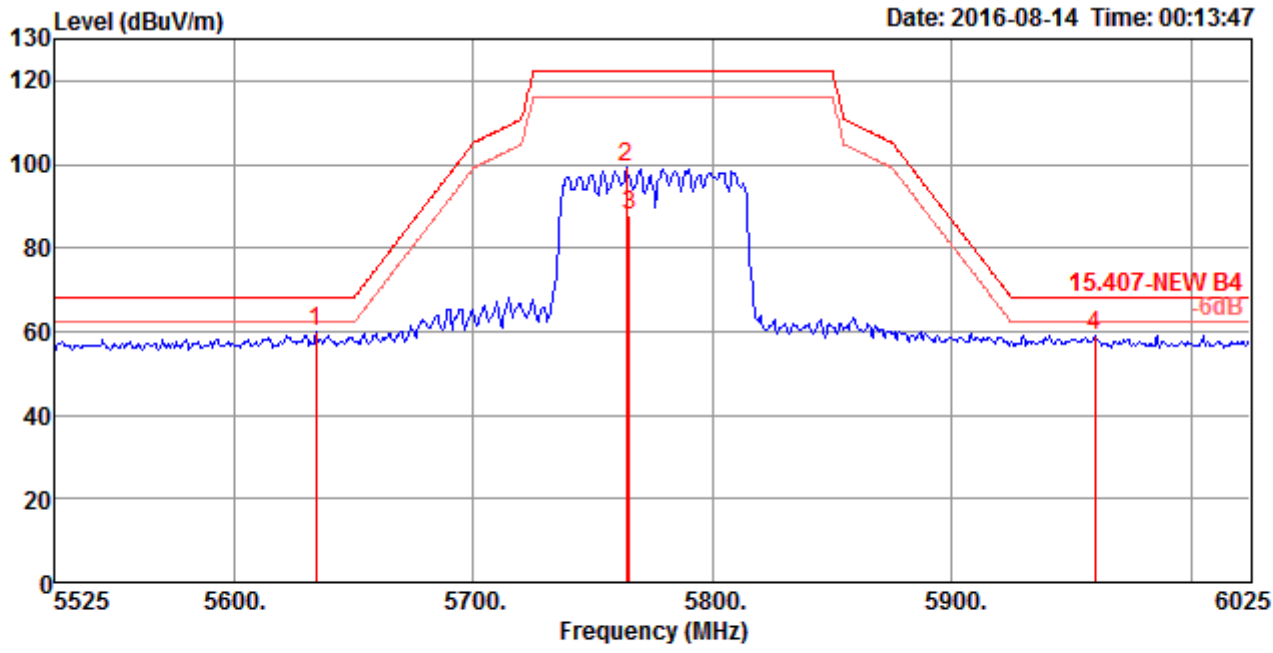
Channel 42



	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5149.00	53.84	54.00	-0.16	48.30	5.73	31.45	31.64	157	177	Average	VERTICAL
2	5149.00	64.12	74.00	-9.88	58.58	5.73	31.45	31.64	157	177	Peak	VERTICAL
3	5189.00	102.14			96.58	5.70	31.50	31.64	157	177	Peak	VERTICAL
4	5195.00	92.91			87.35	5.70	31.50	31.64	157	177	Average	VERTICAL
5	5356.00	46.81	54.00	-7.19	40.94	5.83	31.66	31.62	157	177	Average	VERTICAL
6	5370.00	58.12	74.00	-15.88	52.21	5.85	31.68	31.62	157	177	Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 5210 MHz.

Channel 155



	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5634.00	59.95	68.20	-8.25	53.53	6.13	31.96	31.67	165	176 Peak	VERTICAL
2	5764.00	99.14			92.38	6.35	32.12	31.71	165	176 Peak	VERTICAL
3	5765.00	87.93			81.18	6.35	32.12	31.72	165	176 Average	VERTICAL
4	5960.00	59.02	68.20	-9.18	52.35	6.11	32.36	31.80	165	176 Peak	VERTICAL

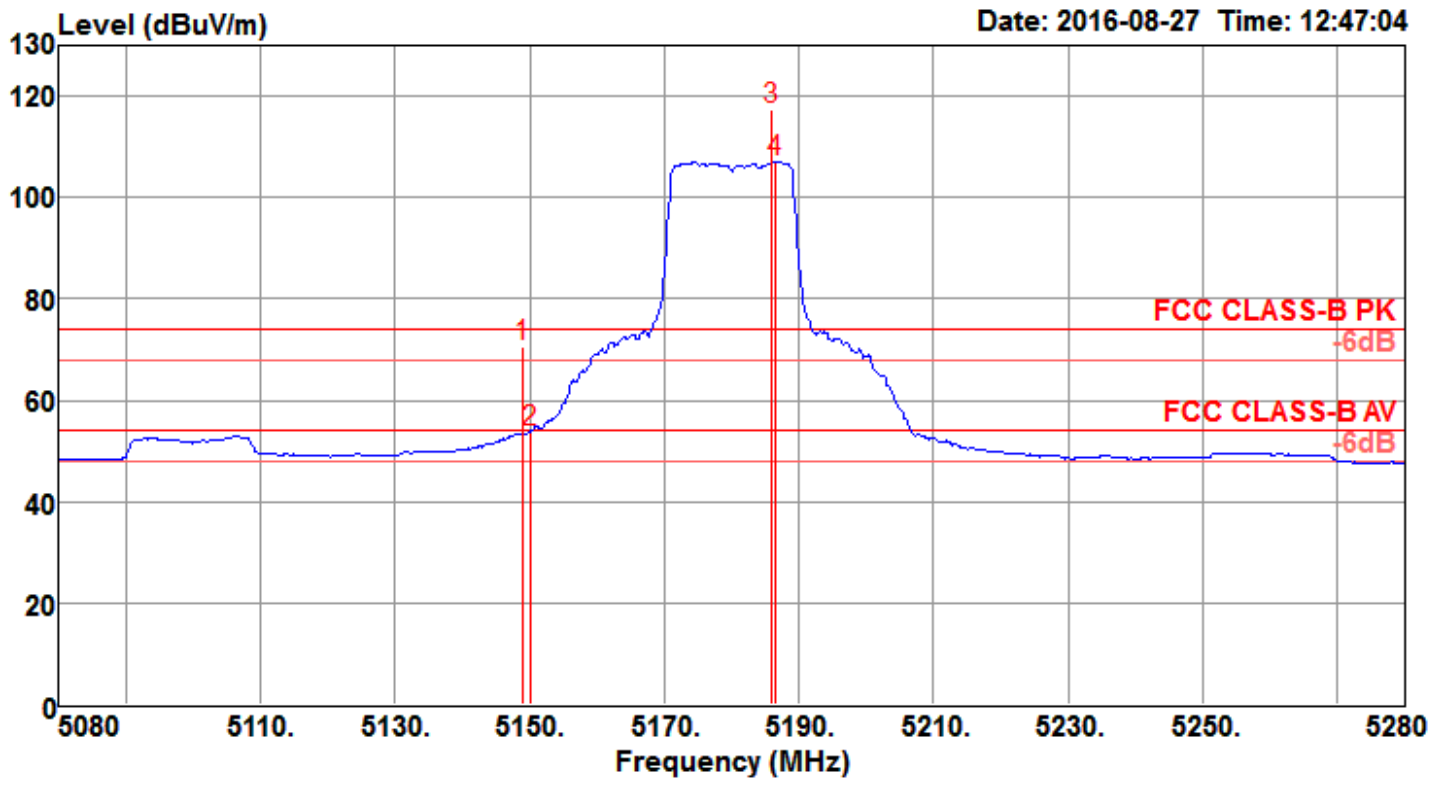
Item 2, 3 are the fundamental frequency at 5775 MHz.



<For Beamforming Mode>

Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36, 40, 48 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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Channel 36

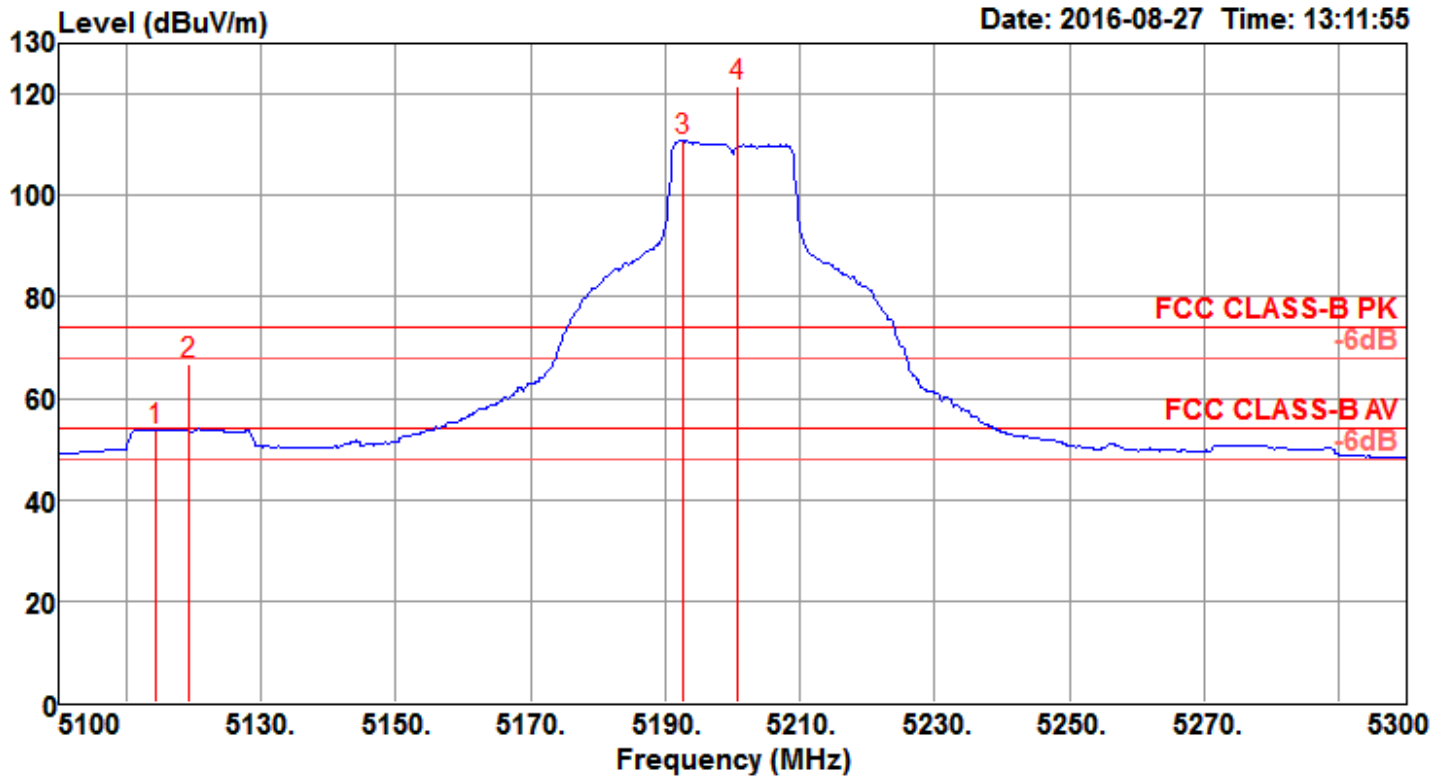


	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
Freq	Line	Limit	Level	Loss	Factor				
MHz	dBuV/m	dBuV/m	dBuV	dB	dB/m	dB	cm	deg	
1	74.00	-3.55	63.03	7.48	34.85	34.91	150	31	Peak VERTICAL
2	54.00	-0.16	46.42	7.48	34.85	34.91	150	31	Average VERTICAL
3 @			109.89	7.48	34.88	34.91	150	31	Peak VERTICAL
4 @			99.62	7.48	34.88	34.91	150	31	Average VERTICAL

Item 3, 4 are the fundamental frequency at 5180 MHz.



Channel 40

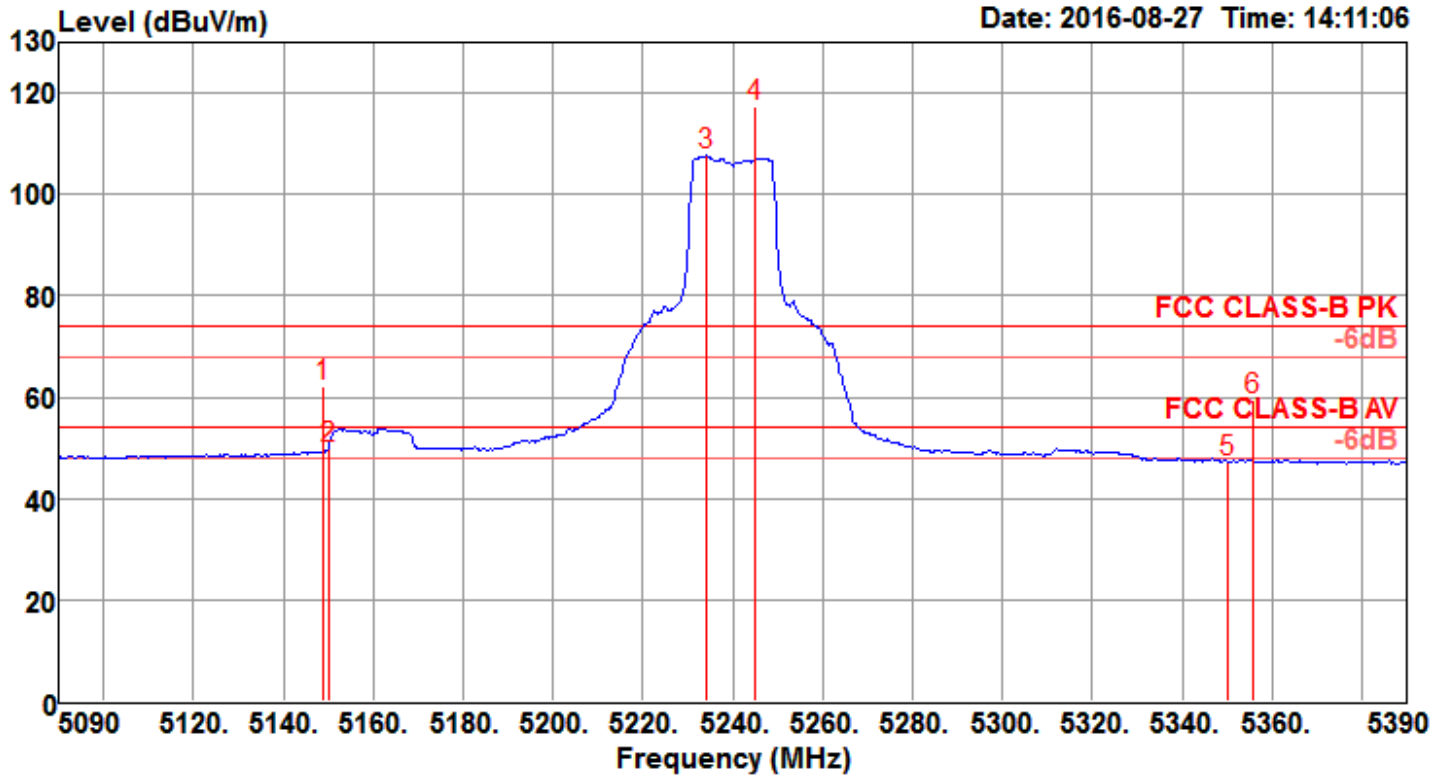


	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5114.42	53.86	54.00	-0.14	46.46	7.48	34.82	34.90	150	17 Average	VERTICAL
2	5119.23	66.73	74.00	-7.27	59.33	7.48	34.82	34.90	150	17 Peak	VERTICAL
3 @	5192.63	110.72			103.25	7.48	34.90	34.91	150	17 Average	VERTICAL
4 @	5200.64	121.55			114.08	7.48	34.90	34.91	150	17 Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 5200 MHz.



Channel 48



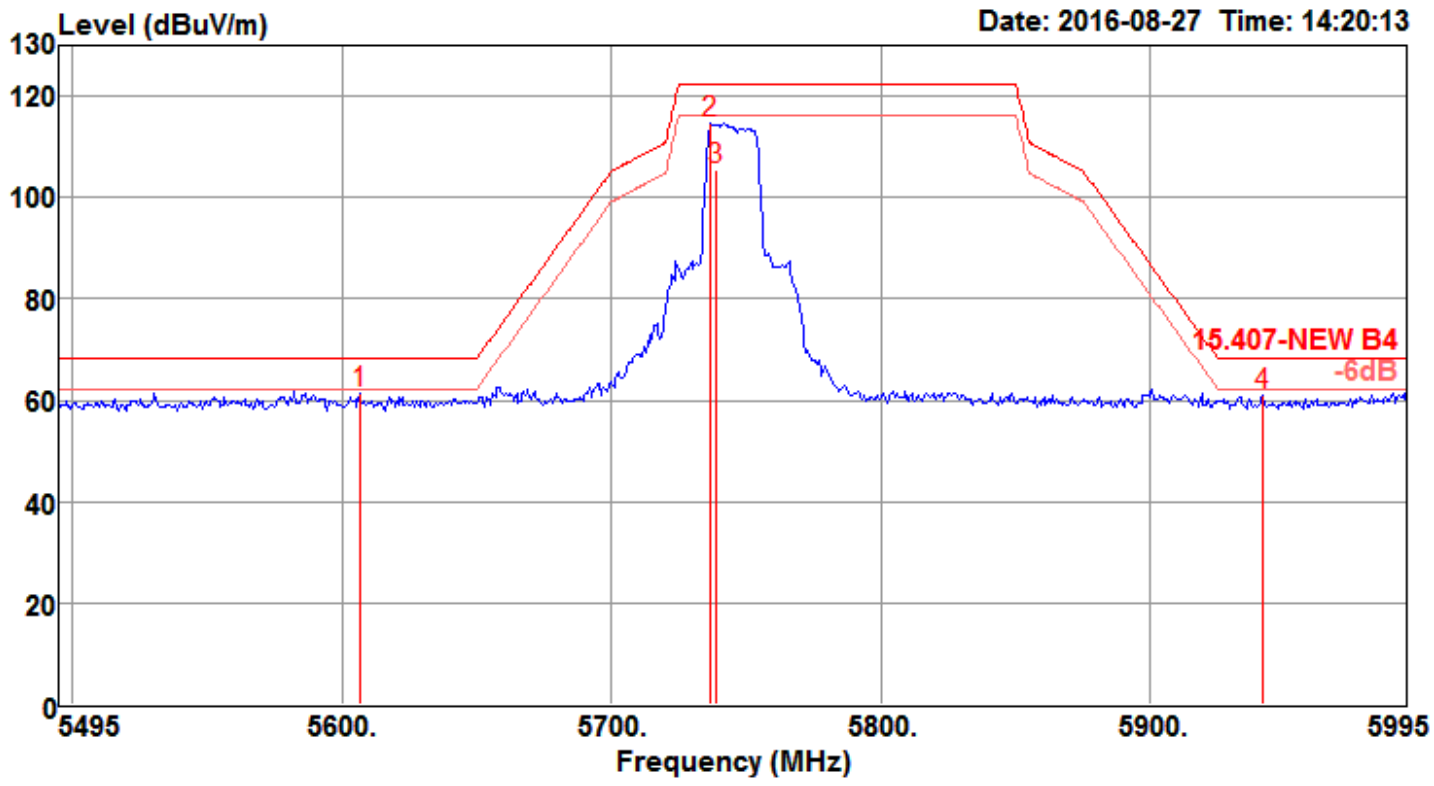
	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5148.65	62.10	74.00	-11.90	54.68	7.48	34.85	34.91	150	26	Peak	VERTICAL
2	5150.00	50.01	54.00	-3.99	42.59	7.48	34.85	34.91	150	26	Average	VERTICAL
3 @	5234.23	107.61			100.08	7.50	34.94	34.91	150	26	Average	VERTICAL
4 @	5244.81	117.35			109.82	7.50	34.94	34.91	150	26	Peak	VERTICAL
5	5350.00	47.32	54.00	-6.68	39.62	7.56	35.05	34.91	150	26	Average	VERTICAL
6	5355.77	59.40	74.00	-14.60	51.69	7.56	35.06	34.91	150	26	Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 5240 MHz.



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149, 157, 165 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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Channel 149

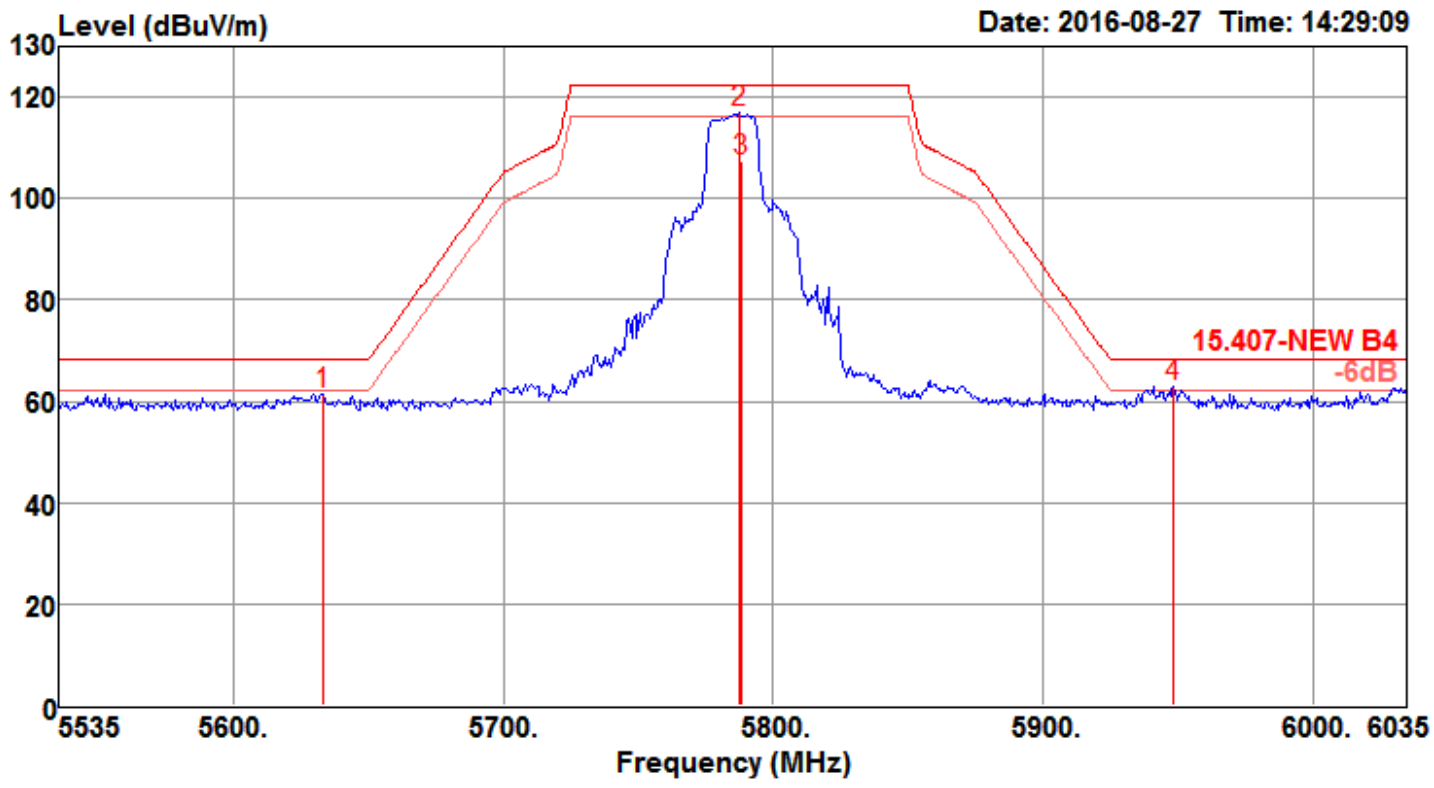


	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5606.50	61.31	68.20	-6.89	53.08	7.94	35.22	34.93	150	357	Peak	VERTICAL
2	5737.00	114.71			106.61	7.79	35.25	34.94	150	357	Peak	VERTICAL
3	5738.59	105.29			97.19	7.79	35.25	34.94	150	357	Average	VERTICAL
4	5941.50	60.88	68.20	-7.32	52.59	7.97	35.29	34.97	150	357	Peak	VERTICAL

Item 2, 3 are the fundamental frequency at 5745 MHz.



Channel 157

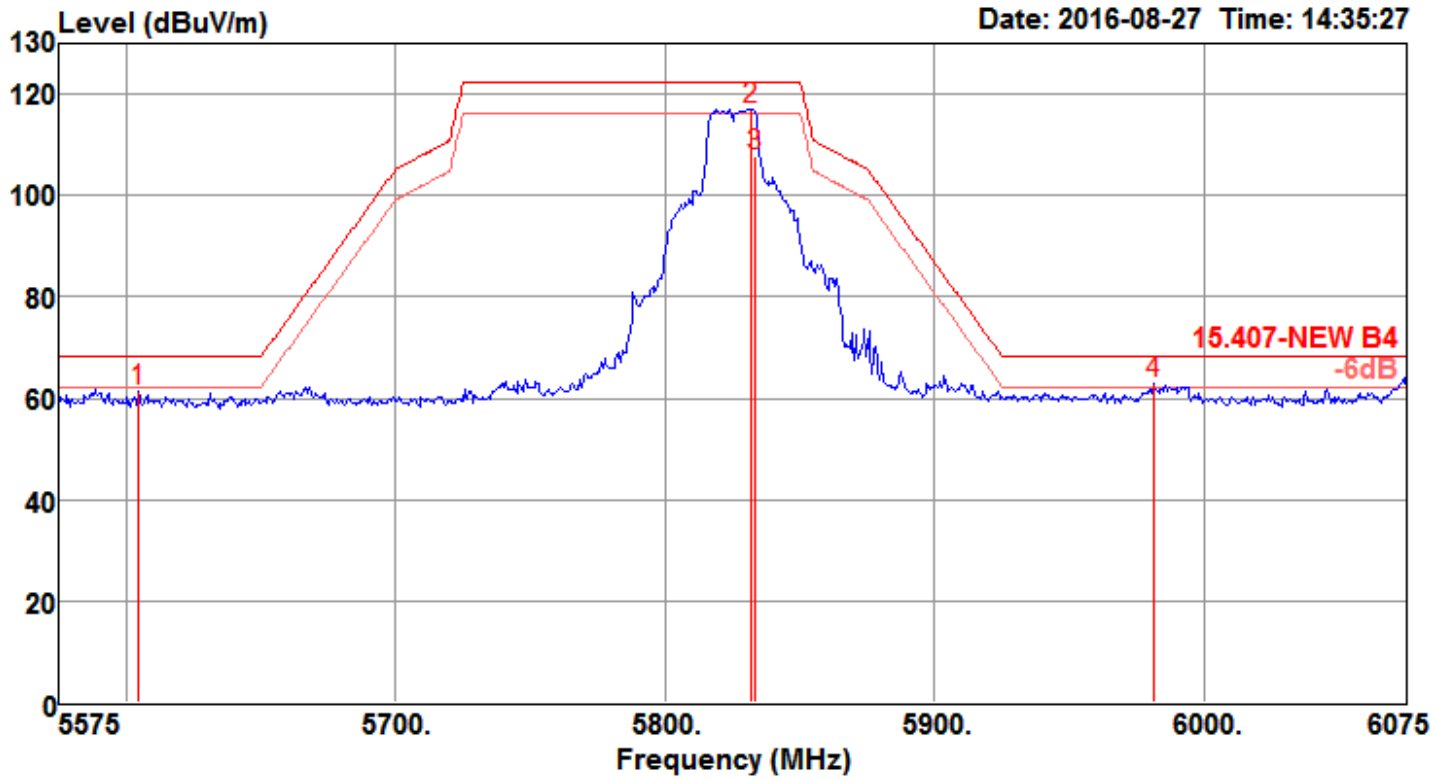


	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBUV/m	dBUV/m	dB	dBUV	dB	dB/m	dB	cm	deg	
1	5633.00	61.51	68.20	-6.69	53.31	7.90	35.23	34.93	150	344	Peak VERTICAL
2	5787.50	117.11			109.07	7.73	35.26	34.95	150	344	Peak VERTICAL
3	5788.21	107.34			99.30	7.73	35.26	34.95	150	344	Average VERTICAL
4	5948.50	62.94	68.20	-5.26	54.65	7.97	35.29	34.97	150	344	Peak VERTICAL

Item 2, 3 are the fundamental frequency at 5785 MHz.



Channel 165



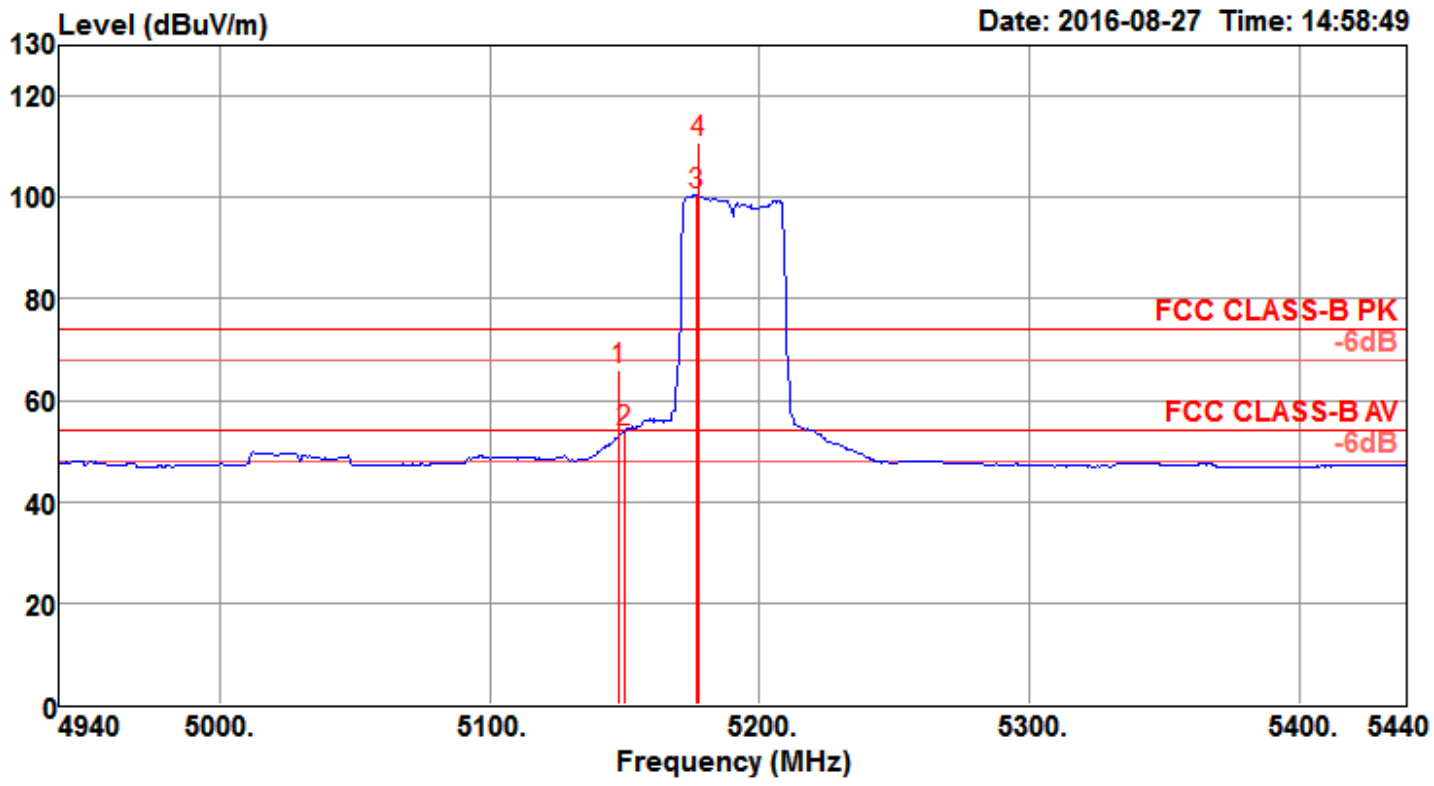
	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5604.50	61.27	68.20	-6.93	53.04	7.94	35.22	34.93	188	357	Peak	VERTICAL
2	5832.00	116.95			108.86	7.77	35.27	34.95	188	357	Peak	VERTICAL
3	5833.01	107.81			99.72	7.77	35.27	34.95	188	357	Average	VERTICAL
4	5981.00	63.04	68.20	-5.16	54.69	8.02	35.30	34.97	188	357	Peak	VERTICAL

Item 2, 3 are the fundamental frequency at 5825 MHz.



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38, 46 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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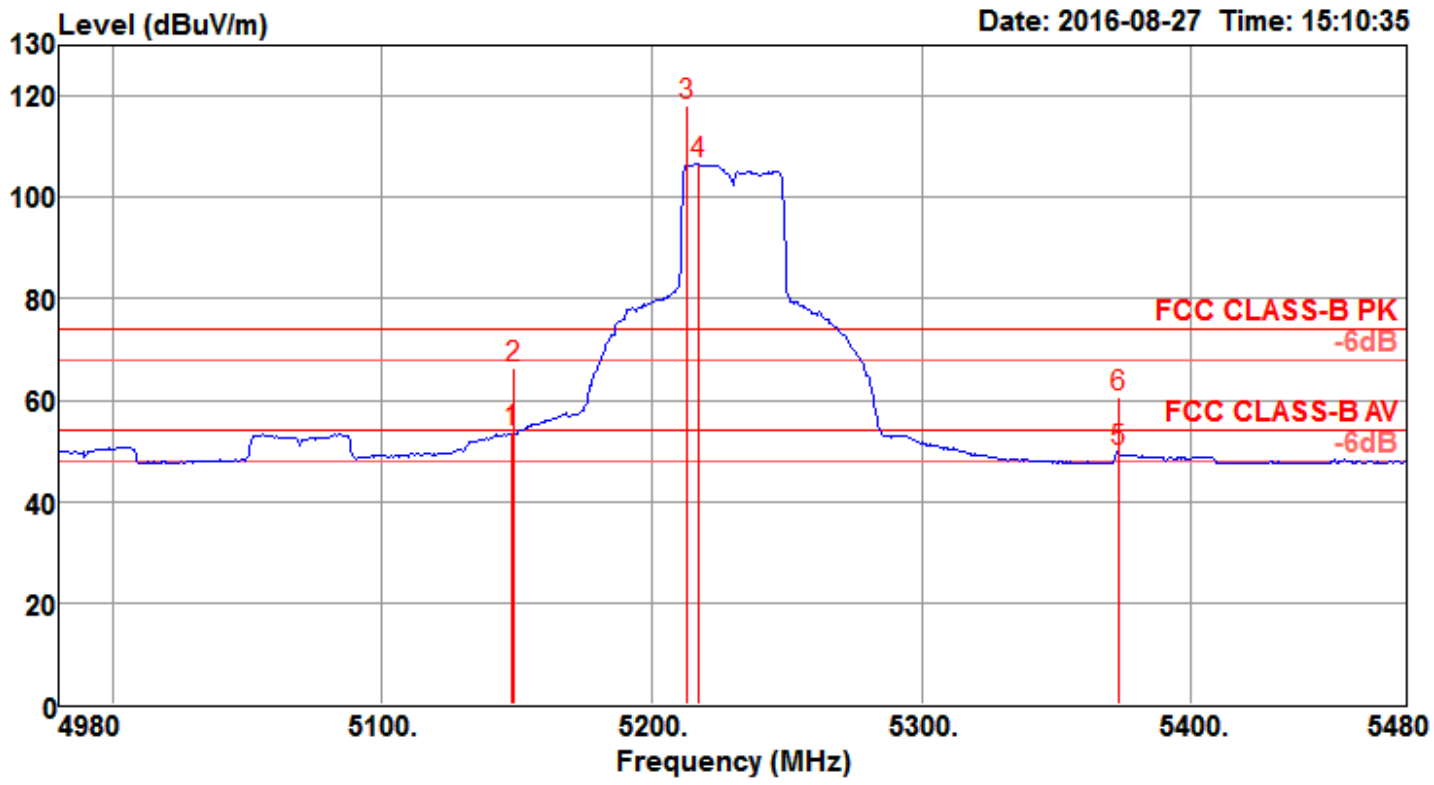
Channel 38



	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5147.53	66.02	74.00	-7.98	58.60	7.48	34.85	34.91	147	348	Peak	VERTICAL
2	5150.00	53.86	54.00	-0.14	46.44	7.48	34.85	34.91	147	348	Average	VERTICAL
3 @	5176.38	100.44			92.99	7.48	34.88	34.91	147	348	Average	VERTICAL
4 @	5177.18	110.77			103.32	7.48	34.88	34.91	147	348	Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 5190 MHz.

Channel 46



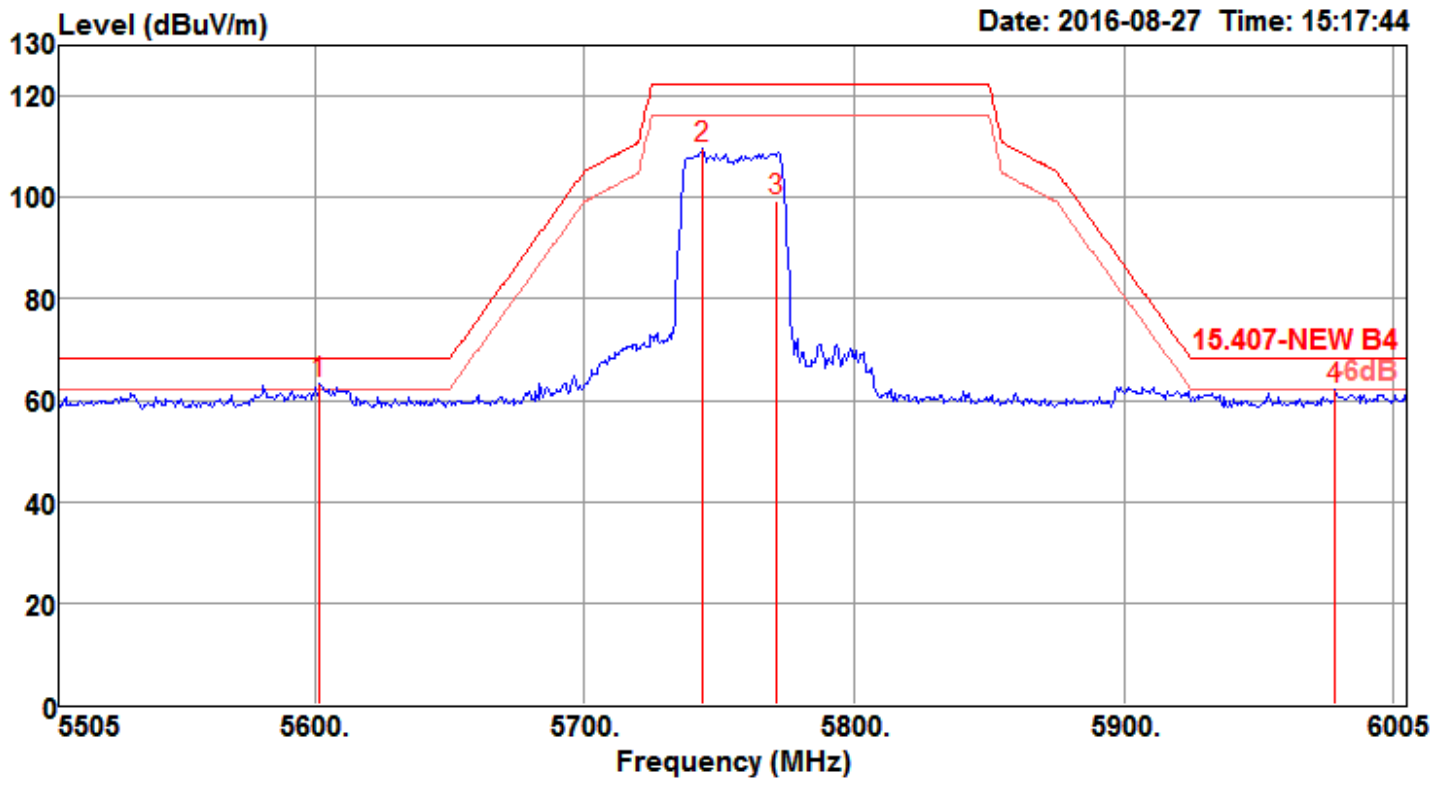
	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5148.27	53.77	54.00	-0.23	46.35	7.48	34.85	34.91	142	40	Average	VERTICAL
2	5149.07	66.48	74.00	-7.52	59.06	7.48	34.85	34.91	142	40	Peak	VERTICAL
3 @	5213.17	118.12			110.63	7.49	34.91	34.91	142	40	Peak	VERTICAL
4 @	5217.18	106.67			99.15	7.50	34.93	34.91	142	40	Average	VERTICAL
5	5373.43	49.90	54.00	-4.10	42.17	7.57	35.08	34.92	142	40	Average	VERTICAL
6	5373.43	60.61	74.00	-13.39	52.88	7.57	35.08	34.92	142	40	Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 5230 MHz.



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151, 159 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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Channel 151

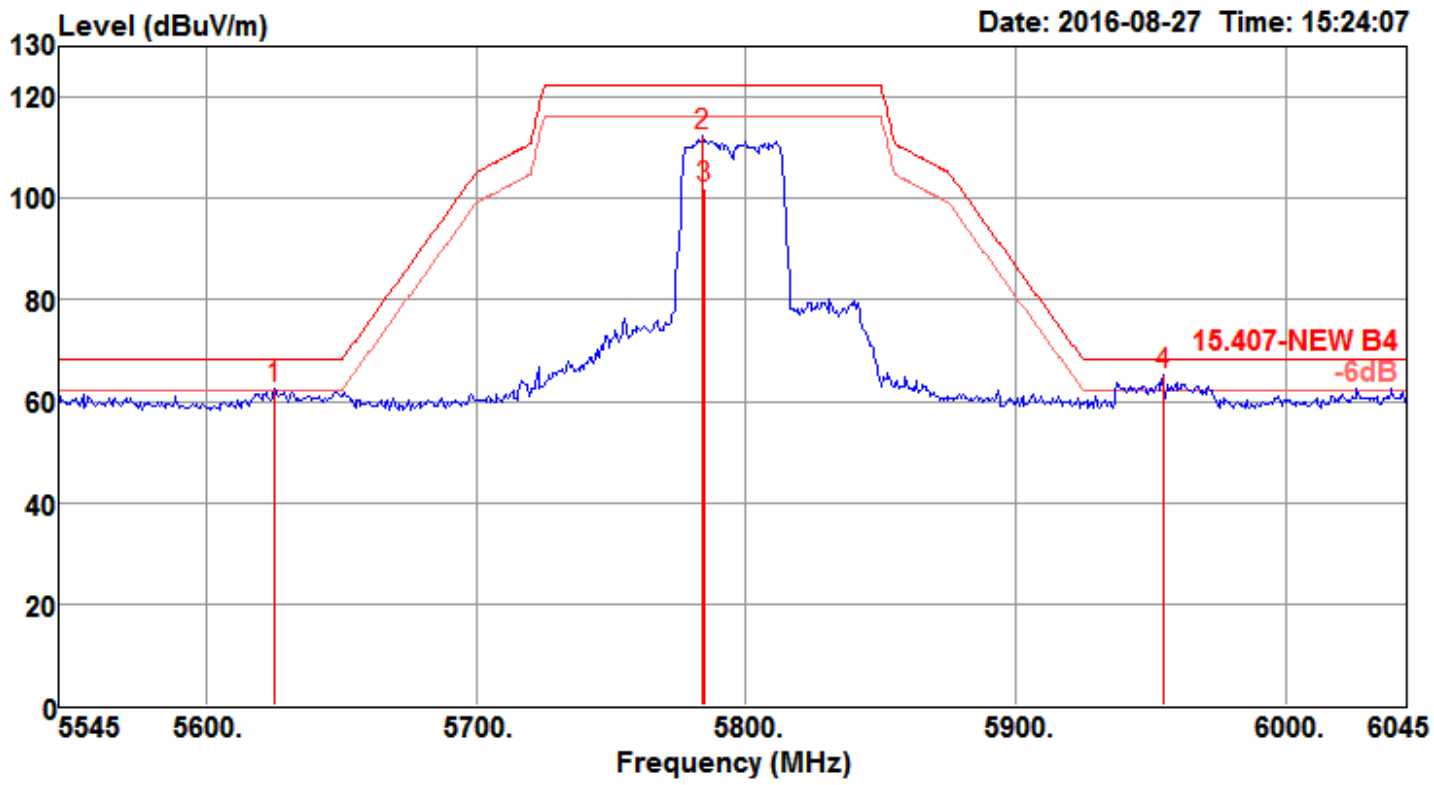


	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBUV/m	dBUV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5602.00	63.13	68.20	-5.07	54.90	7.94	35.22	34.93	258	360	Peak	VERTICAL
2	5744.00	109.77			101.69	7.77	35.25	34.94	258	360	Peak	VERTICAL
3	5771.03	99.36			91.31	7.75	35.25	34.95	258	360	Average	VERTICAL
4	5978.50	62.19	68.20	-6.01	53.84	8.02	35.30	34.97	258	360	Peak	VERTICAL

Item 2, 3 are the fundamental frequency at 5755 MHz.



Channel 159



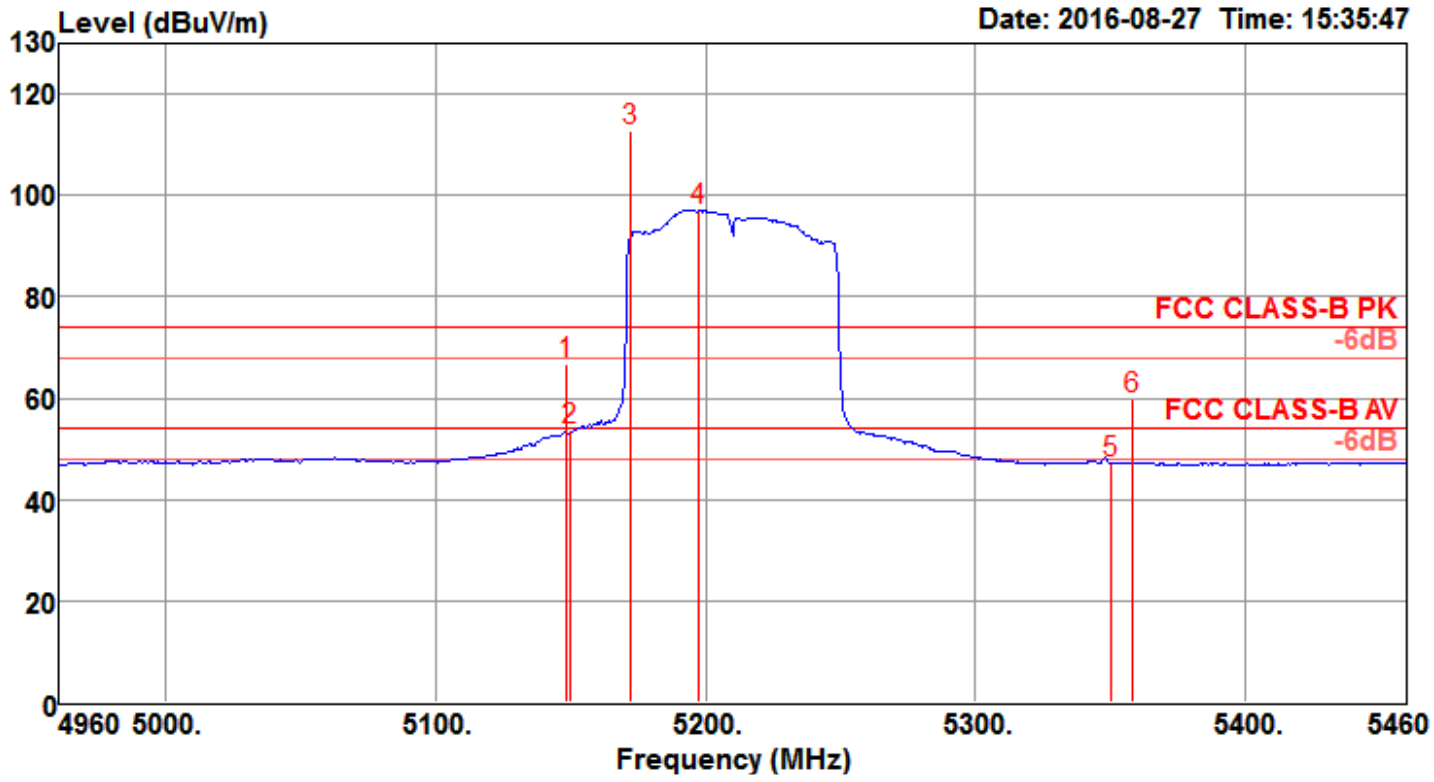
	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5625.00	62.61	68.20	-5.59	54.41	7.90	35.23	34.93	245	0	Peak	VERTICAL
2	5784.00	112.19			104.15	7.73	35.26	34.95	245	0	Peak	VERTICAL
3	5784.58	101.89			93.85	7.73	35.26	34.95	245	0	Average	VERTICAL
4	5954.50	65.13	68.20	-3.07	56.84	7.97	35.29	34.97	245	0	Peak	VERTICAL

Item 2, 3 are the fundamental frequency at 5795 MHz.



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42, 155 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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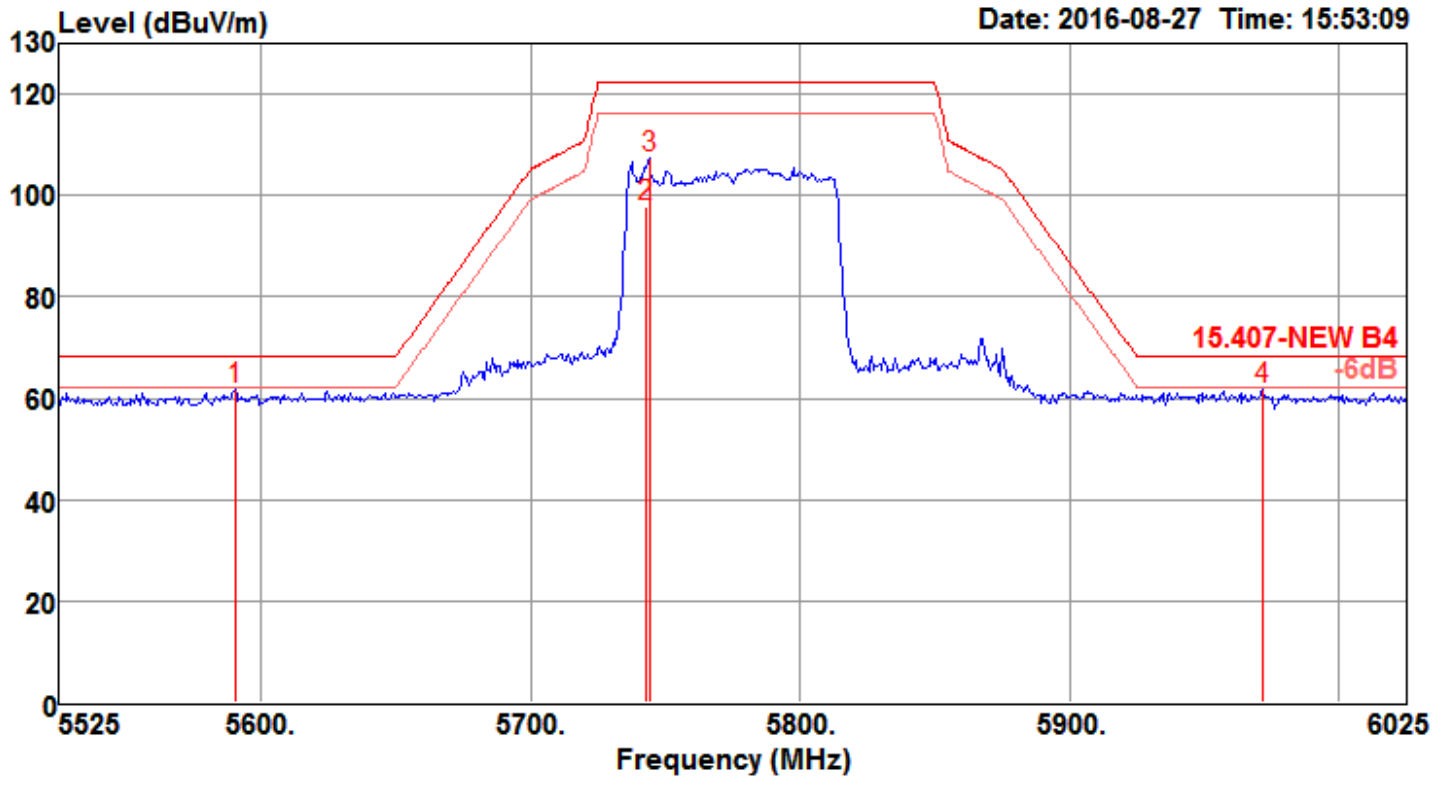
Channel 42



	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5148.40	66.76	74.00	-7.24	59.34	7.48	34.85	34.91	159	33	Peak	VERTICAL
2	5150.00	53.84	54.00	-0.16	46.42	7.48	34.85	34.91	159	33	Average	VERTICAL
3 @	5172.34	112.90			105.45	7.48	34.88	34.91	159	33	Peak	VERTICAL
4 @	5197.18	97.09			89.62	7.48	34.90	34.91	159	33	Average	VERTICAL
5	5350.00	47.17	54.00	-6.83	39.47	7.56	35.05	34.91	159	33	Average	VERTICAL
6	5358.01	59.94	74.00	-14.06	52.23	7.56	35.06	34.91	159	33	Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 5210 MHz.

Channel 155



	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5590.50	61.62	68.20	-6.58	53.42	7.91	35.22	34.93	247	360	Peak	VERTICAL
2	5742.95	97.71			89.63	7.77	35.25	34.94	247	360	Average	VERTICAL
3	5744.00	107.57			99.49	7.77	35.25	34.94	247	360	Peak	VERTICAL
4	5971.50	61.79	68.20	-6.41	53.48	7.99	35.29	34.97	247	360	Peak	VERTICAL

Item 2, 3 are the fundamental frequency at 5775 MHz.



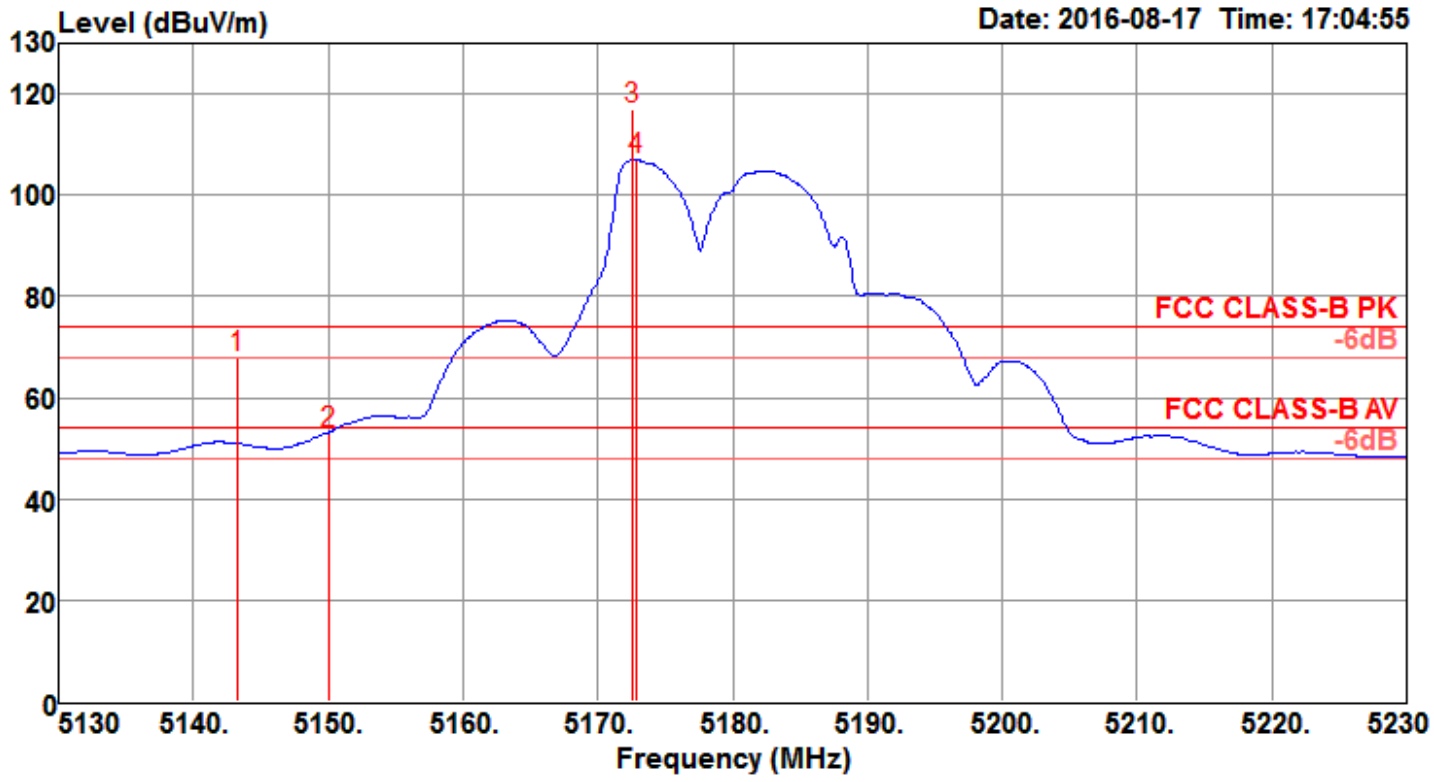


For Antenna 2

<For Non-Beamforming Mode>

Configurations	IEEE 802.11a CH 36, 40, 48 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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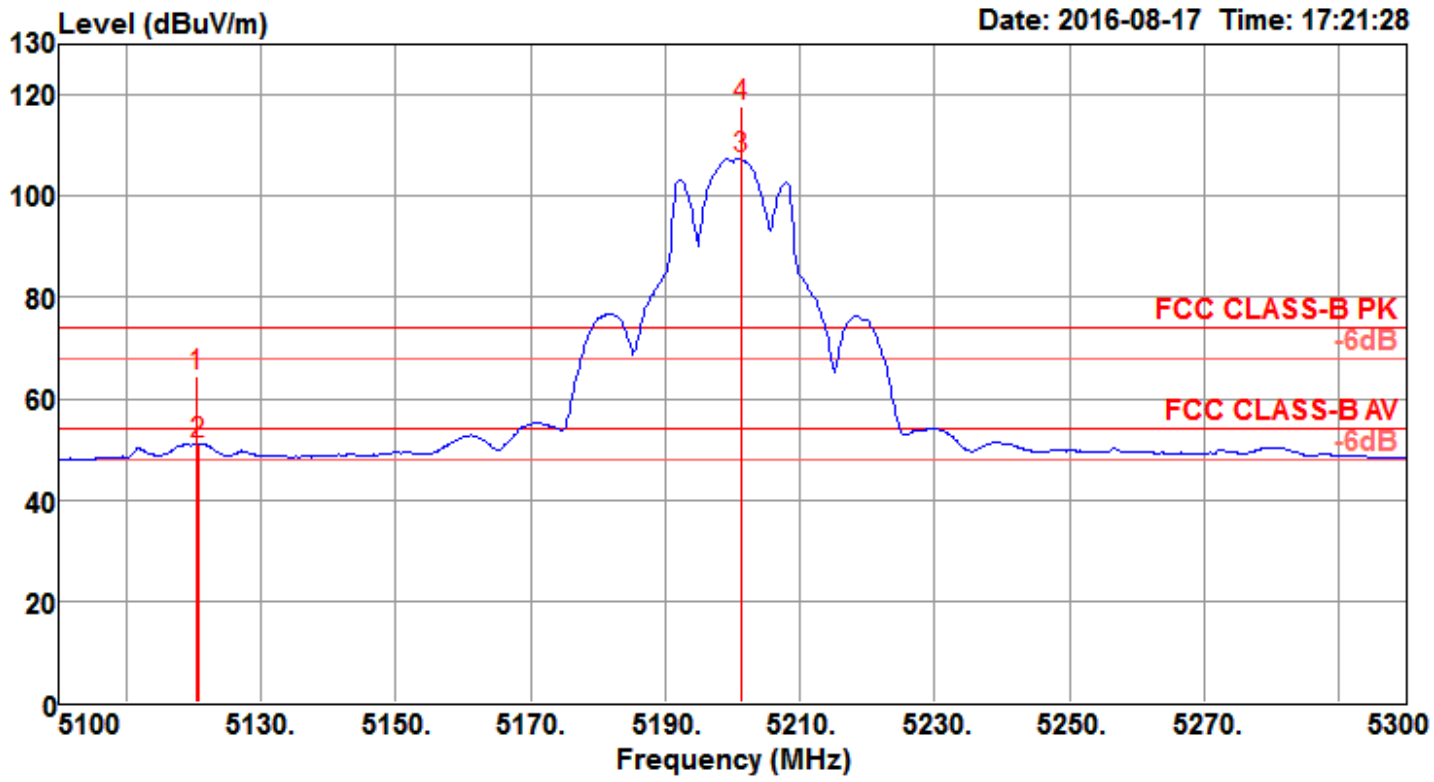
Channel 36



	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5143.20	67.92	74.00	-6.08	60.50	7.48	34.85	34.91	192	188	Peak	VERTICAL
2	5150.00	53.11	54.00	-0.89	45.69	7.48	34.85	34.91	192	188	Average	VERTICAL
3	5172.60	117.05			109.60	7.48	34.88	34.91	192	188	Peak	VERTICAL
4	5172.80	106.95			99.50	7.48	34.88	34.91	192	188	Average	VERTICAL

Item 3, 4 are the fundamental frequency at 5180 MHz.

Channel 40

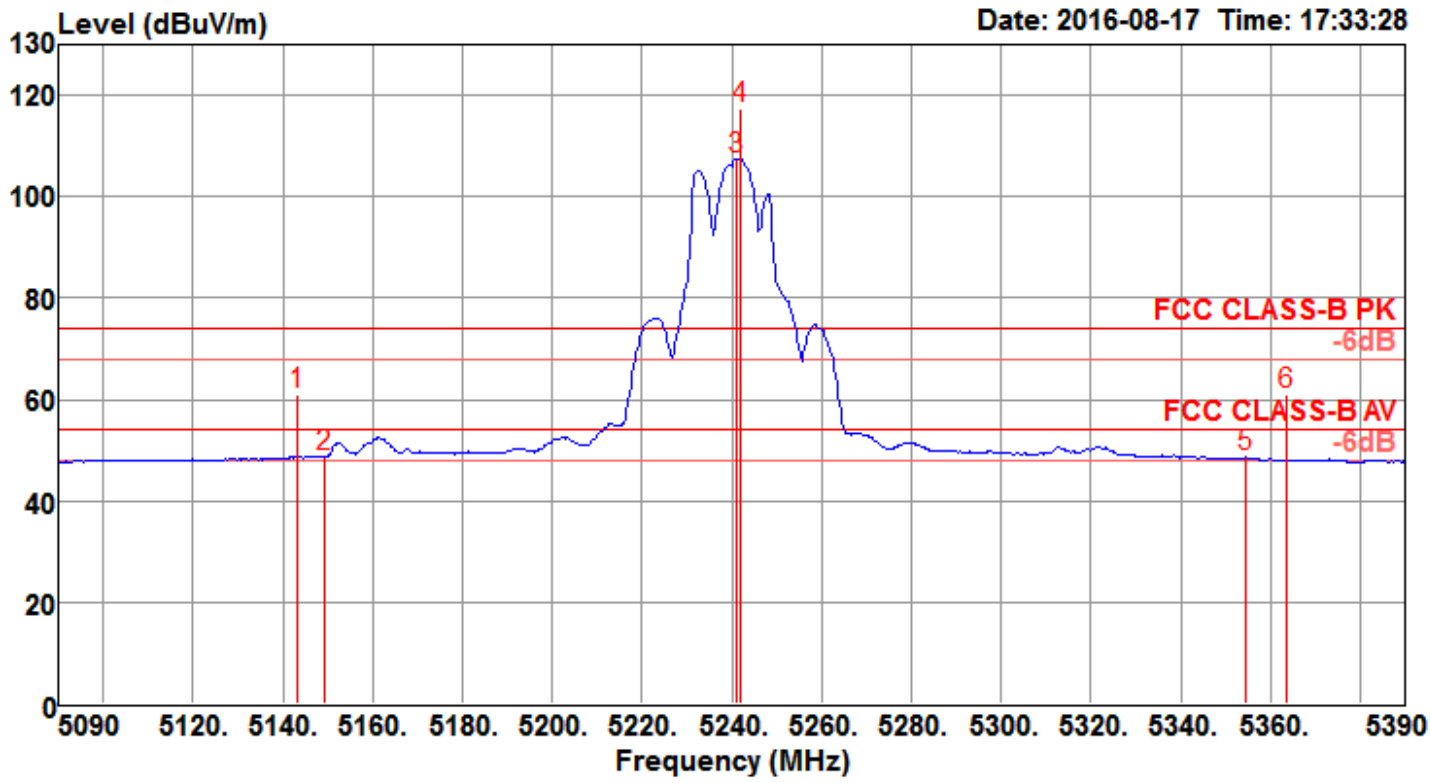


	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBUV/m	dBUV/m	dB	dBUV	dB	dB/m	dB	cm	deg		
1	5120.40	64.53	74.00	-9.47	57.13	7.48	34.82	34.90	232	182	Peak	VERTICAL
2	5120.80	51.11	54.00	-2.89	43.71	7.48	34.82	34.90	232	182	Average	VERTICAL
3	5201.20	107.48			100.01	7.48	34.90	34.91	232	182	Average	VERTICAL
4	5201.20	117.81			110.34	7.48	34.90	34.91	232	182	Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 5200 MHz.



Channel 48



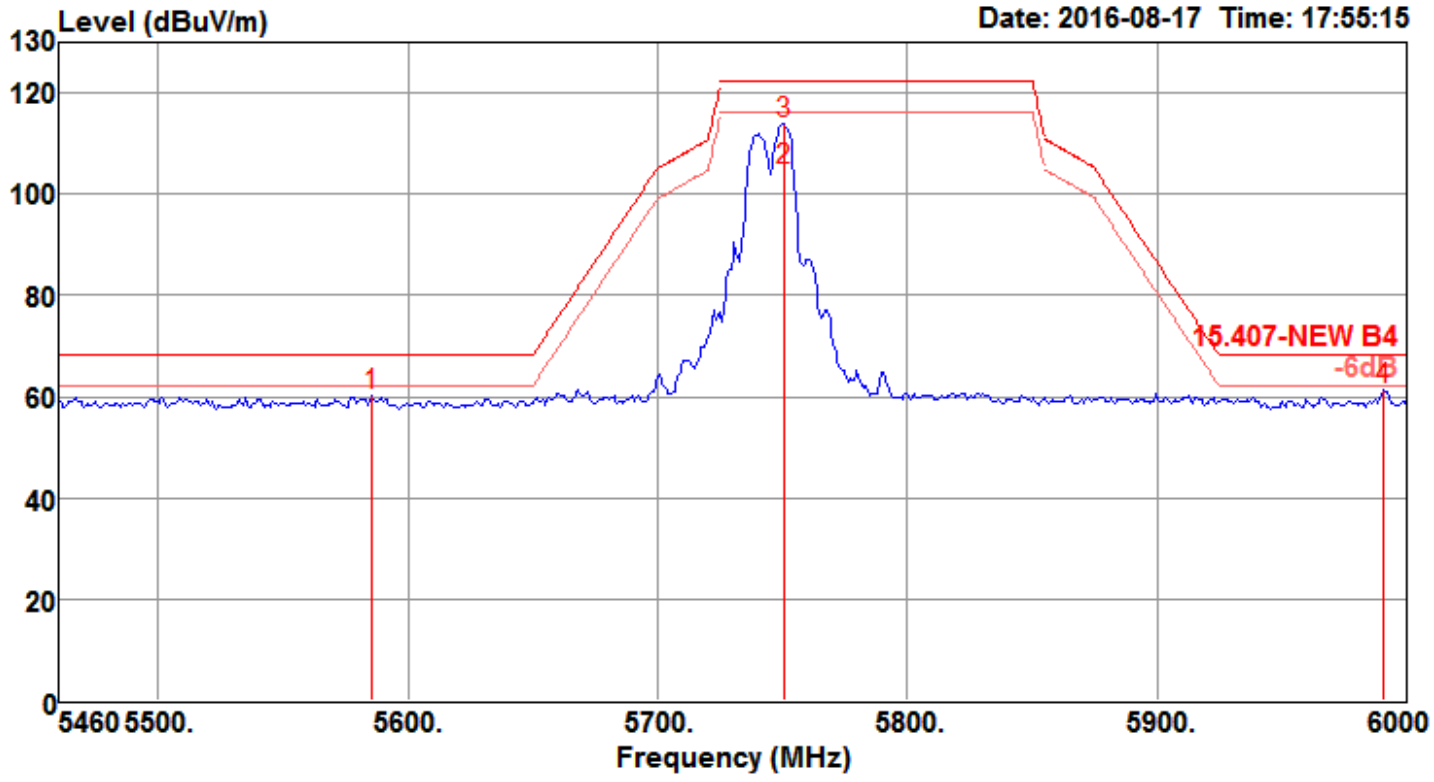
	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5143.40	61.03	74.00	-12.97	53.61	7.48	34.85	34.91	214	180	Peak	VERTICAL
2	5149.40	48.84	54.00	-5.16	41.42	7.48	34.85	34.91	214	180	Average	VERTICAL
3	5241.20	107.48			99.95	7.50	34.94	34.91	214	180	Average	VERTICAL
4	5241.80	117.45			109.92	7.50	34.94	34.91	214	180	Peak	VERTICAL
5	5354.60	48.57	54.00	-5.43	40.86	7.56	35.06	34.91	214	180	Average	VERTICAL
6	5363.60	60.95	74.00	-13.05	53.24	7.56	35.06	34.91	214	180	Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 5240 MHz.



Configurations	IEEE 802.11a CH 149, 157, 165 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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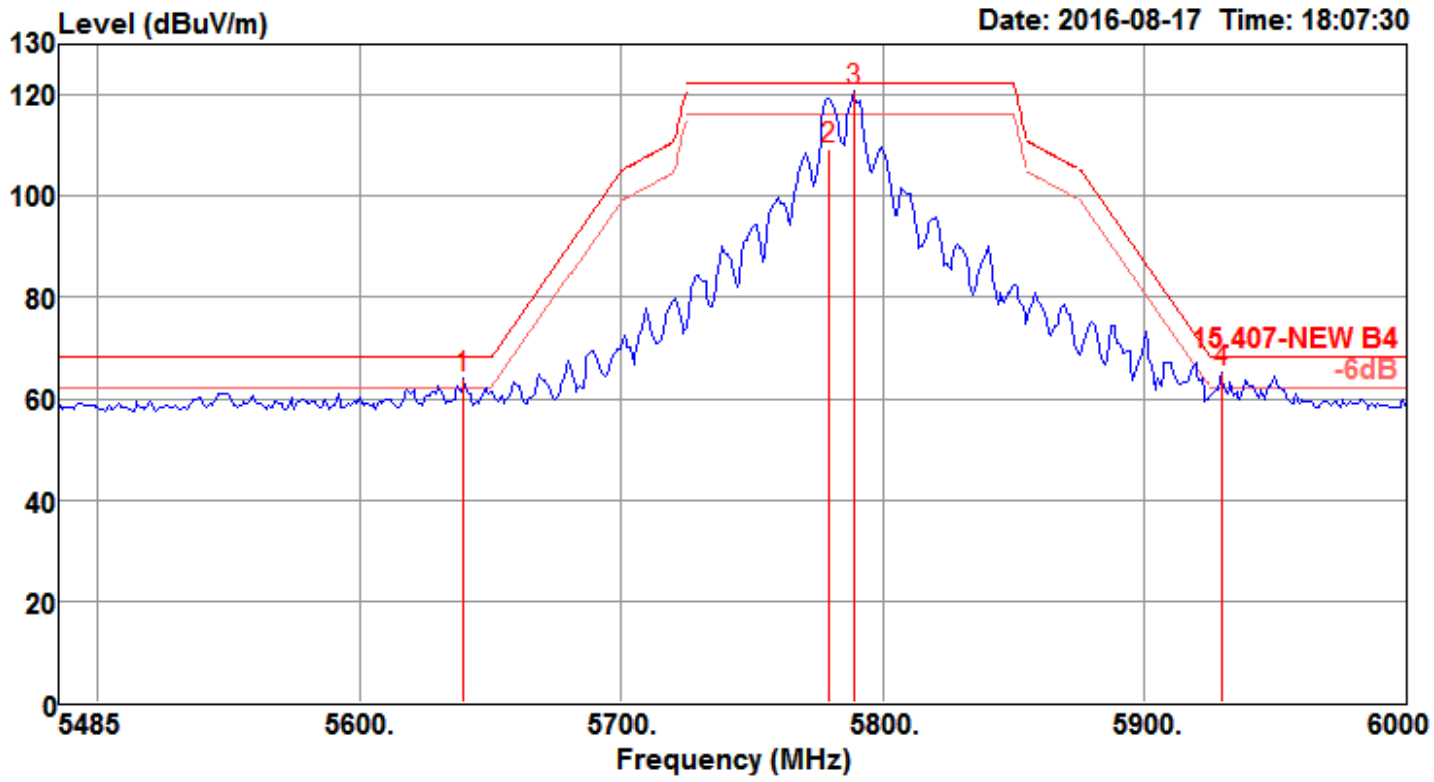
Channel 149



	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBUV/m	dBUV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5585.40	60.07	68.20	-8.13	51.87	7.91	35.22	34.93	215	166	Peak	HORIZONTAL
2	5751.00	104.53			96.45	7.77	35.25	34.94	215	166	Average	HORIZONTAL
3	5751.00	113.90			105.82	7.77	35.25	34.94	215	166	Peak	HORIZONTAL
4	5991.00	61.18	68.20	-7.02	52.83	8.02	35.30	34.97	215	166	Peak	HORIZONTAL

Item 2, 3 are the fundamental frequency at 5745 MHz.

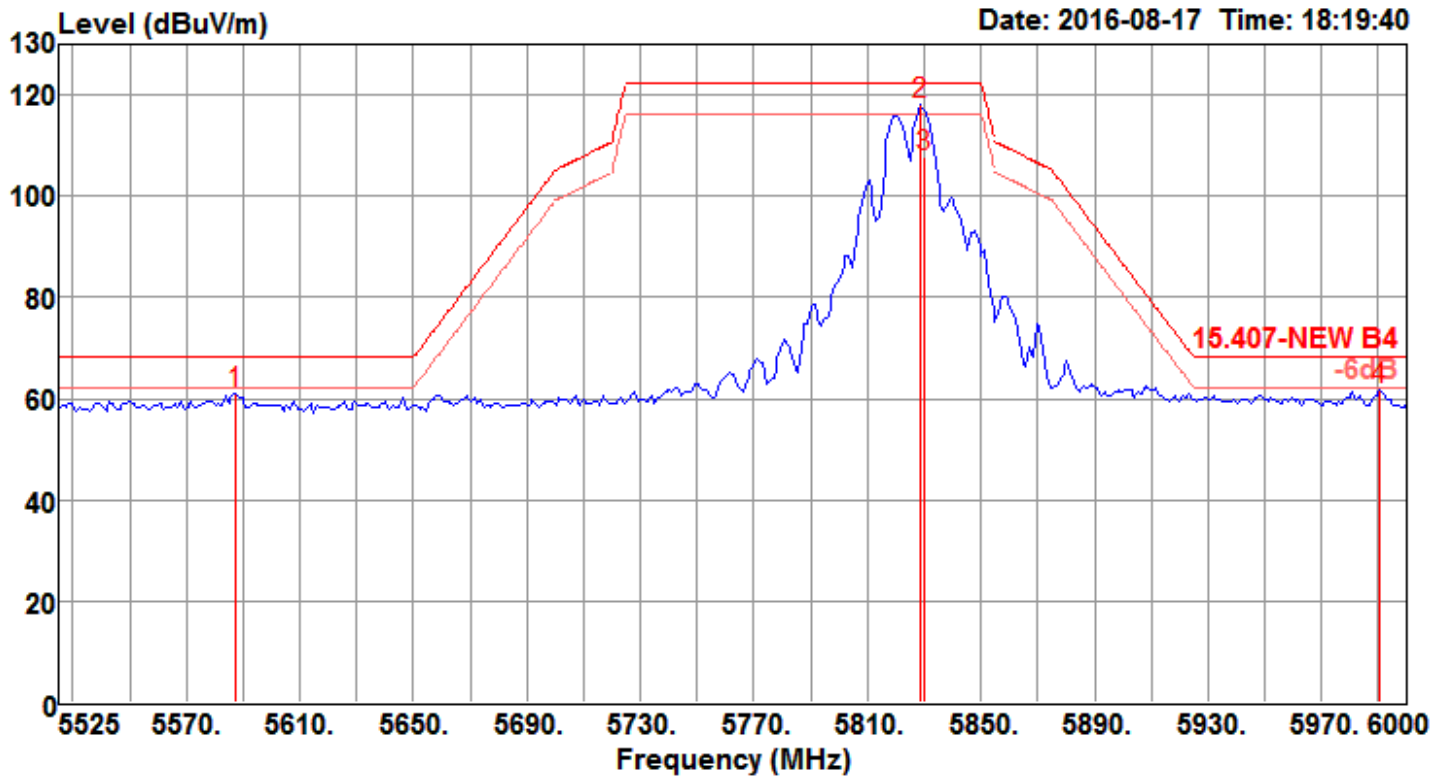
Channel 157



	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5639.80	63.98	68.20	-4.22	55.78	7.90	35.23	34.93	205	183	Peak	HORIZONTAL
2	5779.00	109.21			101.17	7.73	35.26	34.95	205	183	Average	HORIZONTAL
3	5788.60	120.86			112.82	7.73	35.26	34.95	205	183	Peak	HORIZONTAL
4	5929.00	65.40	68.20	-2.80	57.13	7.94	35.29	34.96	205	183	Peak	HORIZONTAL

Item 2, 3 are the fundamental frequency at 5785 MHz.

Channel 165



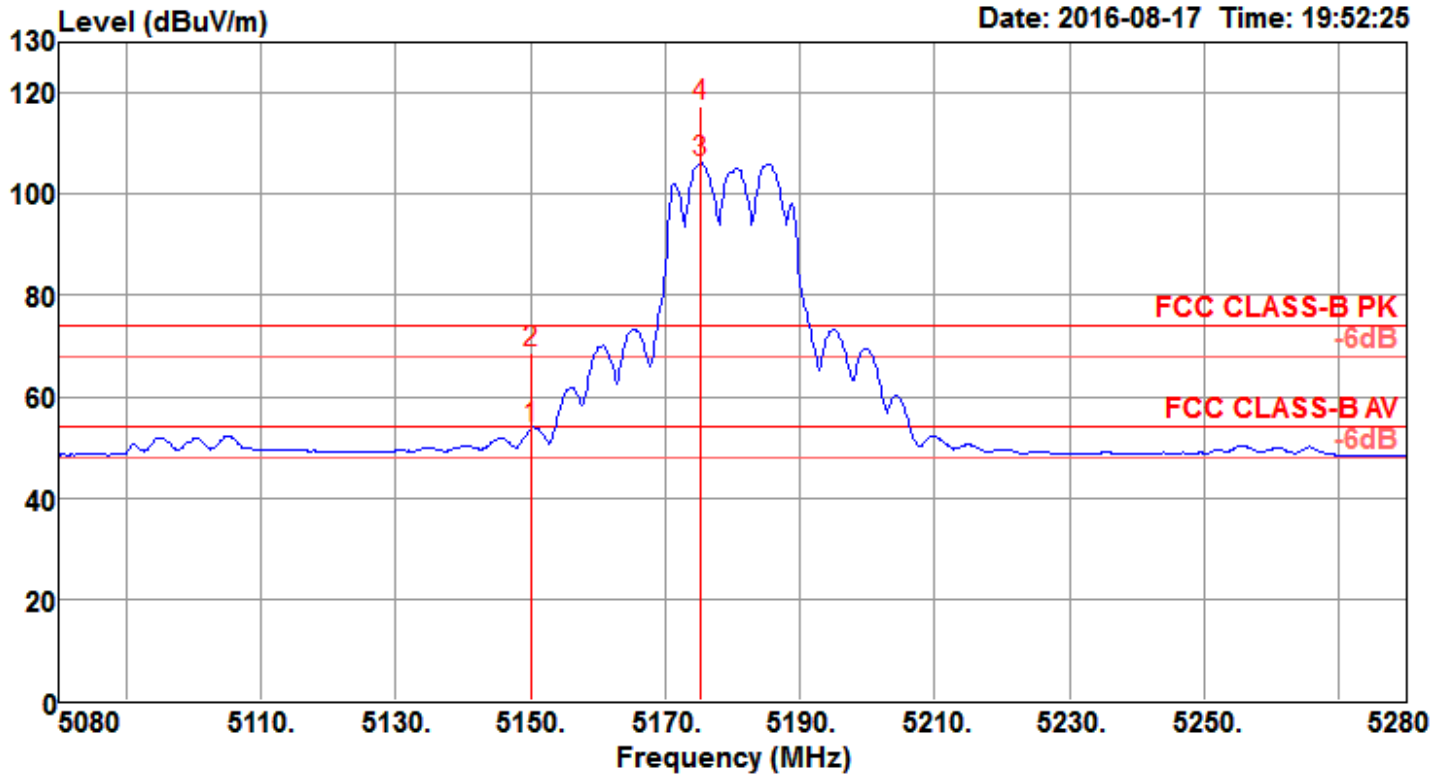
	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5587.40	61.11	68.20	-7.09	52.91	7.91	35.22	34.93	207	191	Peak	HORIZONTAL
2	5828.60	118.11			110.02	7.77	35.27	34.95	207	191	Peak	HORIZONTAL
3	5829.80	107.59			99.50	7.77	35.27	34.95	207	191	Average	HORIZONTAL
4	5990.60	61.61	68.20	-6.59	53.26	8.02	35.30	34.97	207	191	Peak	HORIZONTAL

Item 2, 3 are the fundamental frequency at 5825 MHz.



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36, 40, 48 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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Channel 36

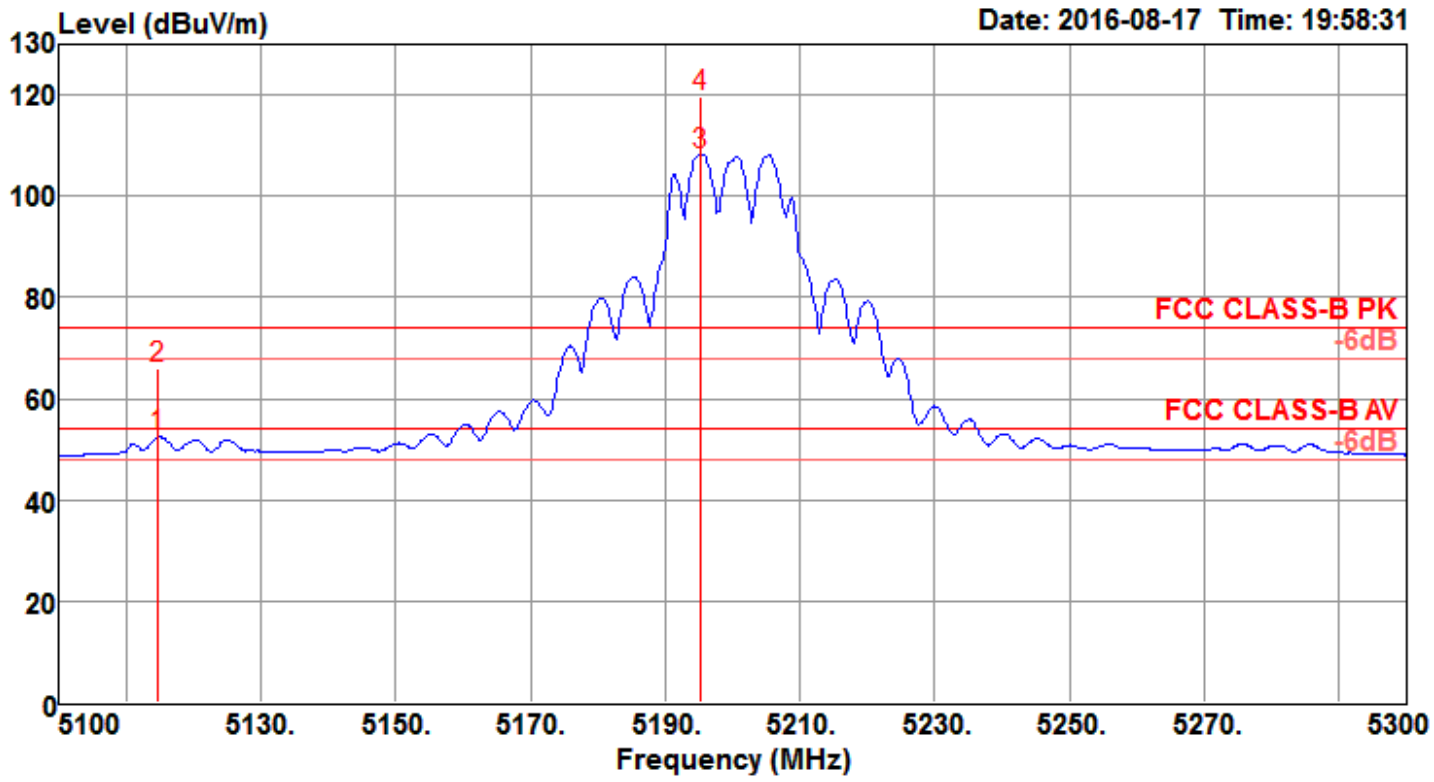


	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase			
Freq	Line	Limit	Level	Loss	Factor							
MHz	dBuV/m	dBuV/m	dB	dB	dB/m	dB	cm	deg				
1	5150.00	53.67	54.00	-0.33	46.25	7.48	34.85	34.91	215	179	Average	VERTICAL
2	5150.00	68.72	74.00	-5.28	61.30	7.48	34.85	34.91	215	179	Peak	VERTICAL
3	5175.20	106.19			98.74	7.48	34.88	34.91	215	179	Average	VERTICAL
4	5175.20	117.26			109.81	7.48	34.88	34.91	215	179	Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 5180 MHz.



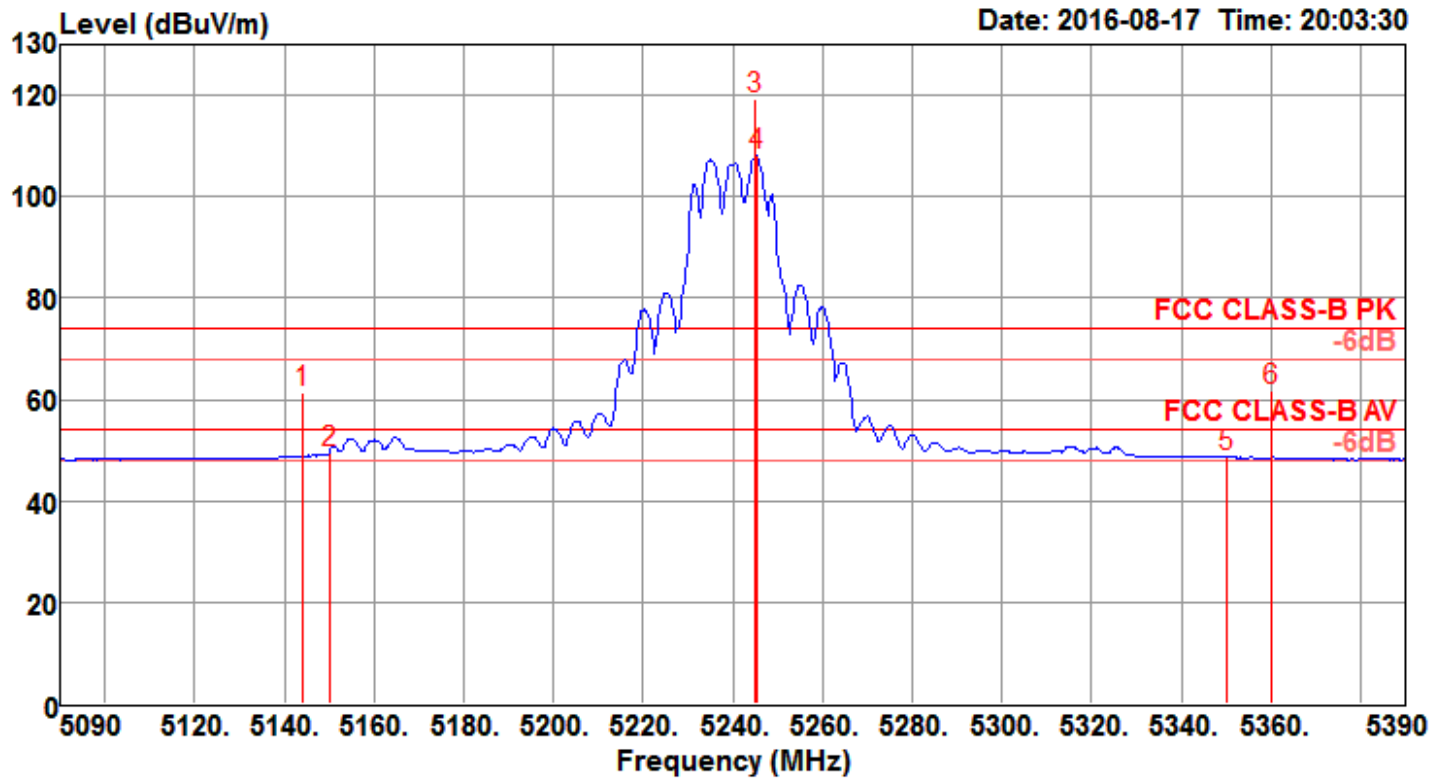
Channel 40



	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5114.80	52.38	54.00	-1.62	44.98	7.48	34.82	34.90	221	178	Average	VERTICAL
2	5114.80	65.88	74.00	-8.12	58.48	7.48	34.82	34.90	221	178	Peak	VERTICAL
3	5195.20	108.32			100.85	7.48	34.90	34.91	221	178	Average	VERTICAL
4	5195.20	119.54			112.07	7.48	34.90	34.91	221	178	Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 5200 MHz.

Channel 48



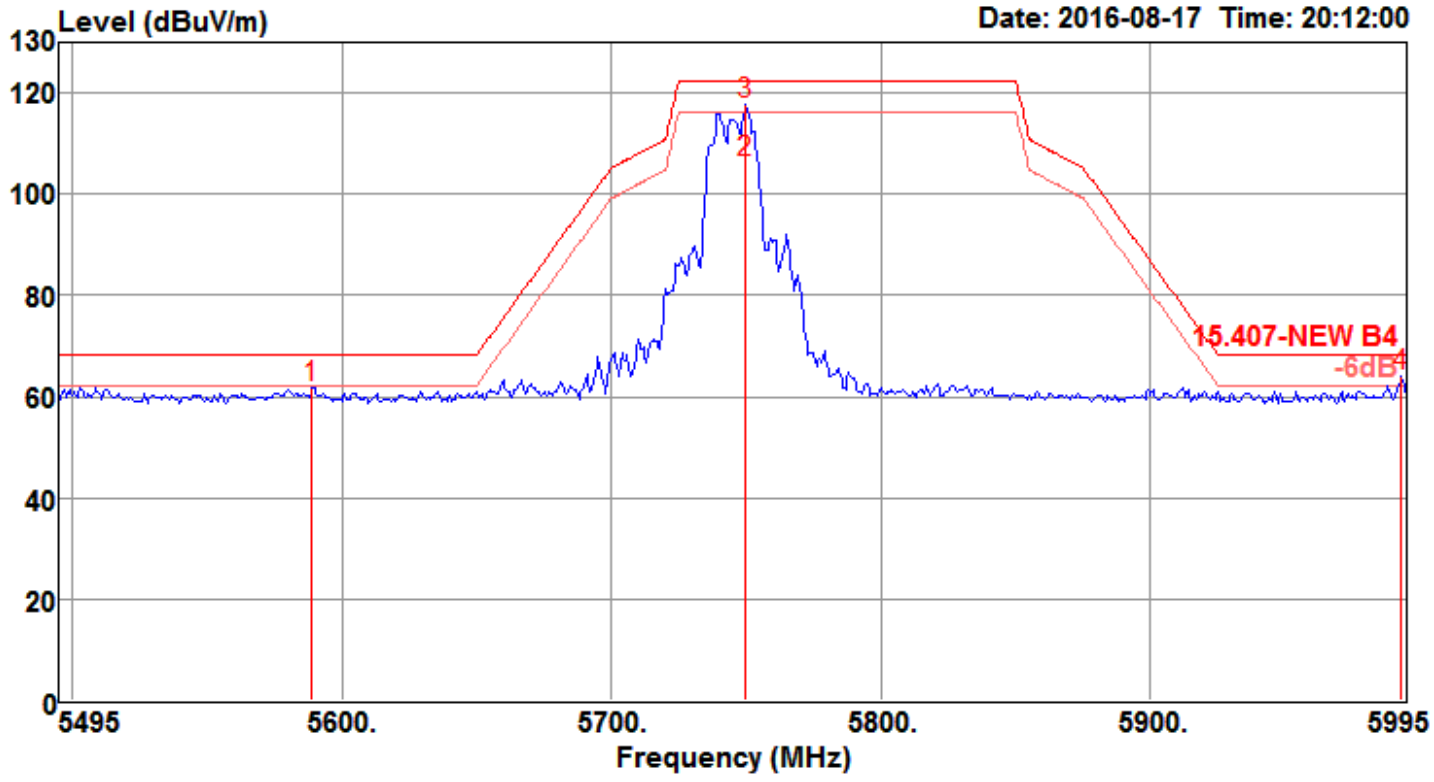
	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5144.00	61.52	74.00	-12.48	54.10	7.48	34.85	34.91	221	178	Peak	VERTICAL
2	5150.00	49.32	54.00	-4.68	41.90	7.48	34.85	34.91	221	178	Average	VERTICAL
3	5244.80	119.24			111.71	7.50	34.94	34.91	221	178	Peak	VERTICAL
4	5245.40	108.01			100.48	7.50	34.94	34.91	221	178	Average	VERTICAL
5	5350.00	48.64	54.00	-5.36	40.94	7.56	35.05	34.91	221	178	Average	VERTICAL
6	5360.00	61.72	74.00	-12.28	54.01	7.56	35.06	34.91	221	178	Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 5240 MHz.



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149, 157, 165 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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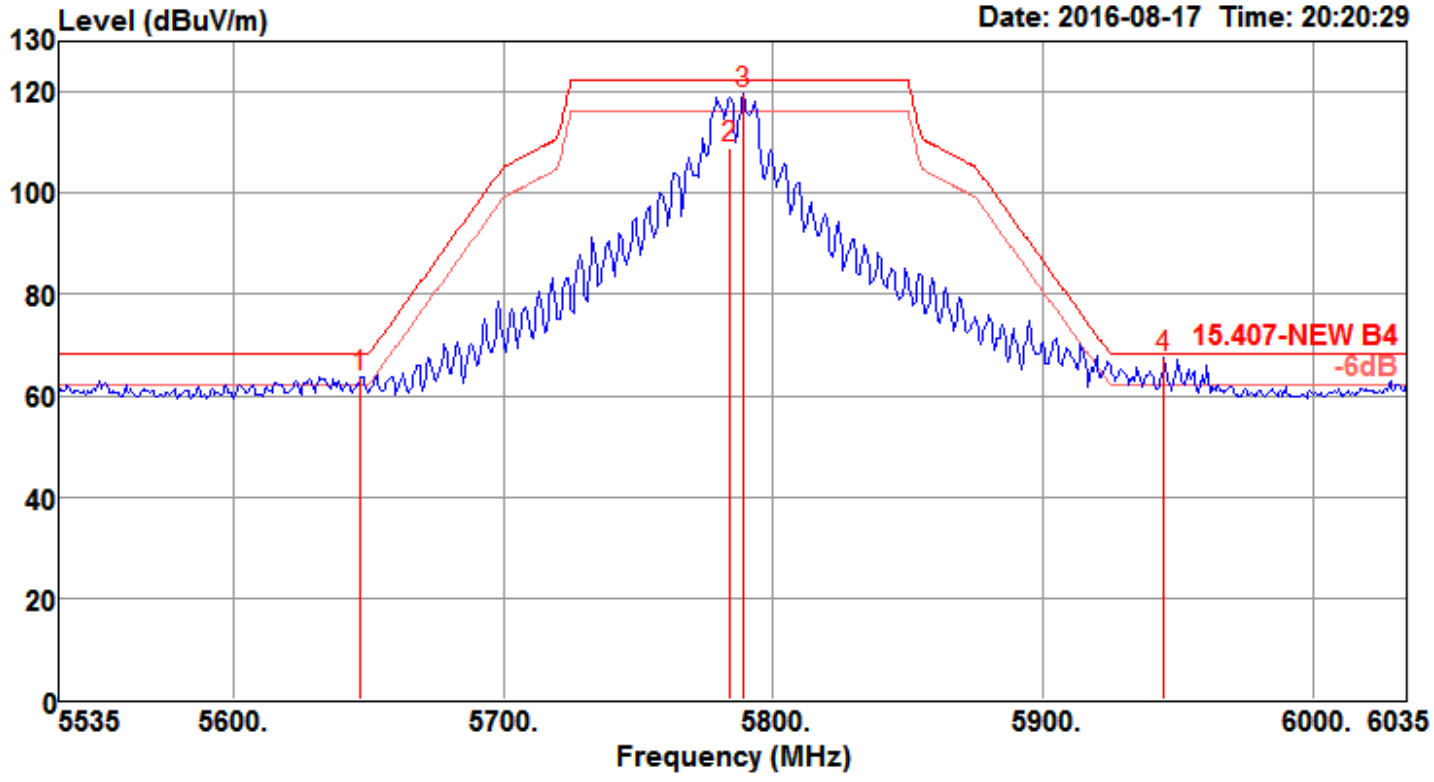
Channel 149



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	cm	deg		
			dBuV/m	dB	dBuV	dB	dB/m	dB				
1	5589.00	61.80	68.20	-6.40	53.60	7.91	35.22	34.93	218	179	Peak	VERTICAL
2	5750.00	106.16			98.08	7.77	35.25	34.94	218	179	Average	VERTICAL
3	5750.00	117.57			109.49	7.77	35.25	34.94	218	179	Peak	VERTICAL
4	5993.00	64.03	68.20	-4.17	55.65	8.05	35.30	34.97	218	179	Peak	VERTICAL

Item 2, 3 are the fundamental frequency at 5745 MHz.

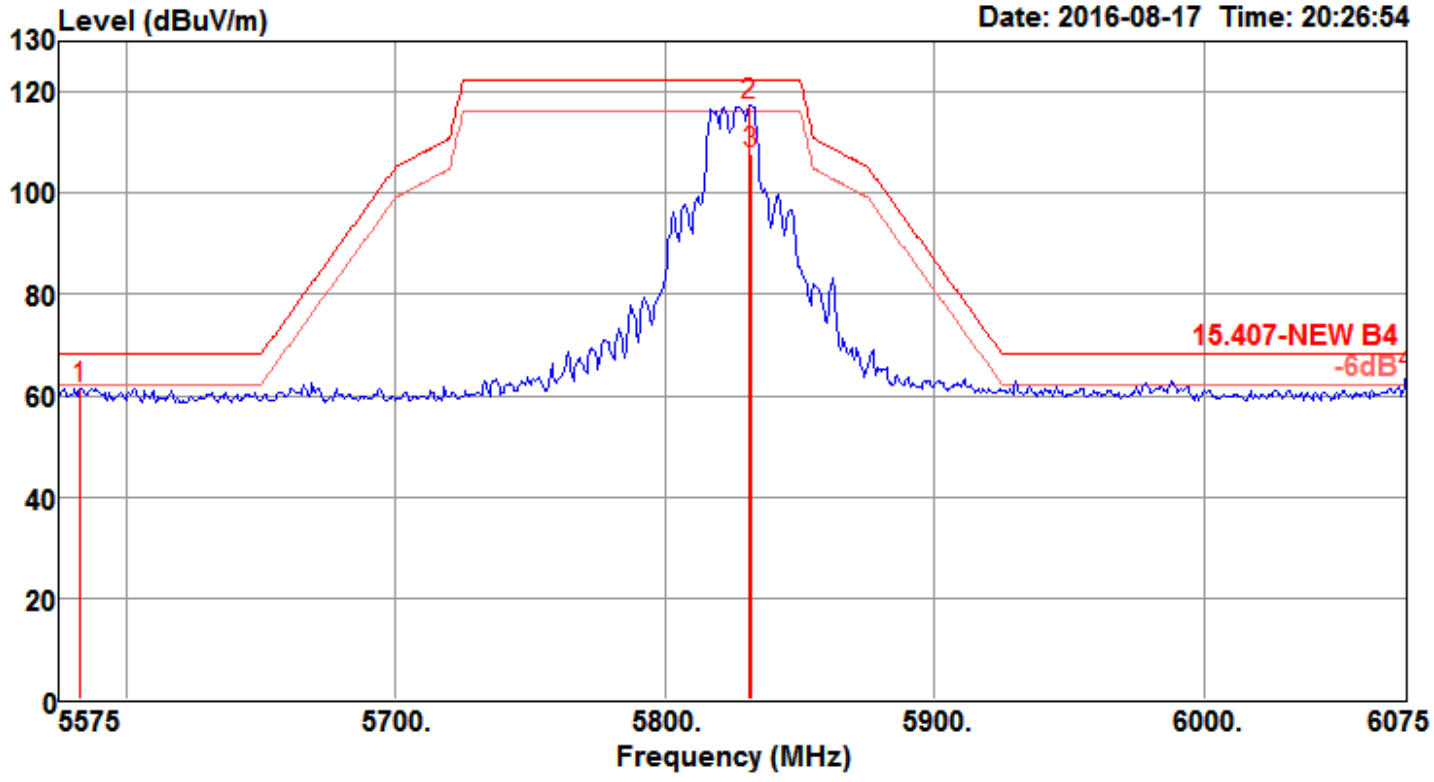
Channel 157



	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5647.00	63.77	68.20	-4.43	55.59	7.88	35.23	34.93	238	194	Peak	HORIZONTAL
2	5784.00	108.79			100.75	7.73	35.26	34.95	238	194	Average	HORIZONTAL
3	5789.00	119.69			111.67	7.71	35.26	34.95	238	194	Peak	HORIZONTAL
4	5945.00	67.33	68.20	-0.87	59.04	7.97	35.29	34.97	238	194	Peak	HORIZONTAL

Item 2, 3 are the fundamental frequency at 5785 MHz.

Channel 165



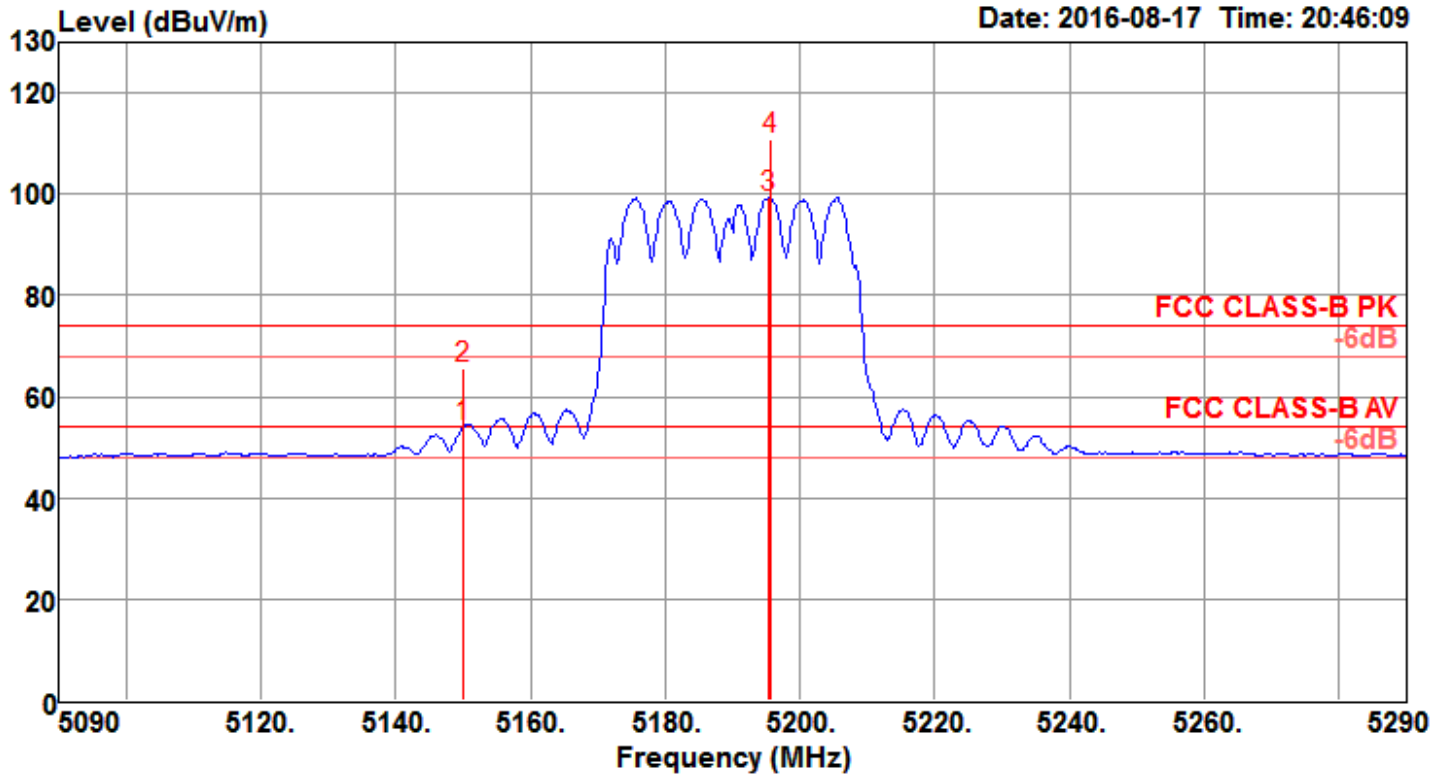
	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5583.00	61.53	68.20	-6.67	53.33	7.91	35.22	34.93	199	183	Peak	HORIZONTAL
2	5831.00	117.52			109.43	7.77	35.27	34.95	199	183	Peak	HORIZONTAL
3	5832.00	107.64			99.55	7.77	35.27	34.95	199	183	Average	HORIZONTAL
4	6075.00	64.19	68.20	-4.01	55.70	8.14	35.33	34.98	199	183	Peak	HORIZONTAL

Item 2, 3 are the fundamental frequency at 5825 MHz.



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38, 46 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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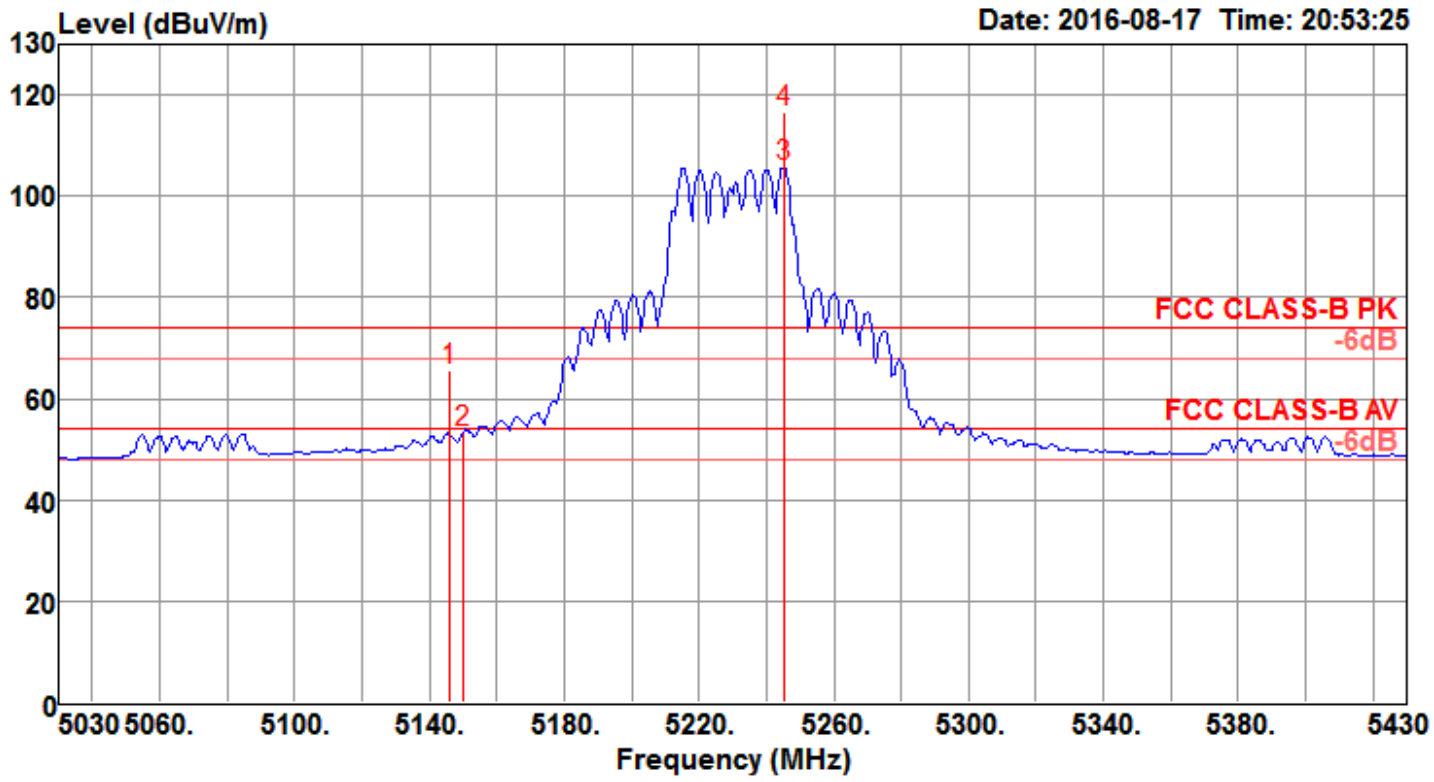
Channel 38



	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5150.00	53.96	54.00	-0.04	46.54	7.48	34.85	34.91	218	177	Average	VERTICAL
2	5150.00	65.71	74.00	-8.29	58.29	7.48	34.85	34.91	218	177	Peak	VERTICAL
3	5195.20	99.40			91.93	7.48	34.90	34.91	218	177	Average	VERTICAL
4	5195.60	111.01			103.54	7.48	34.90	34.91	218	177	Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 5190 MHz.

Channel 46



	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5146.00	65.49	74.00	-8.51	58.07	7.48	34.85	34.91	220	178	Peak	VERTICAL
2	5150.00	53.50	54.00	-0.50	46.08	7.48	34.85	34.91	220	178	Average	VERTICAL
3	5245.20	105.78			98.25	7.50	34.94	34.91	220	178	Average	VERTICAL
4	5245.20	116.58			109.05	7.50	34.94	34.91	220	178	Peak	VERTICAL

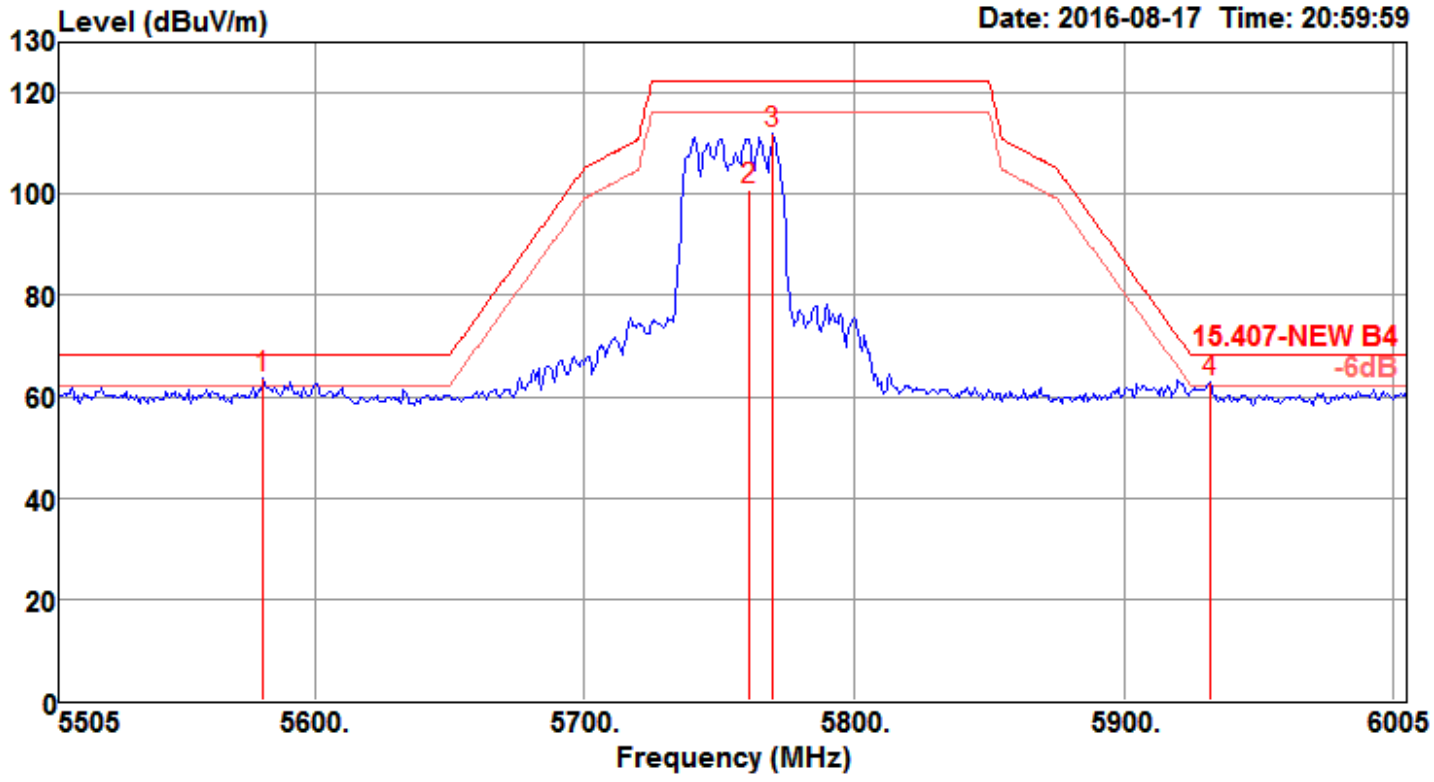
Item 3, 4 are the fundamental frequency at 5230 MHz.





<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151, 159 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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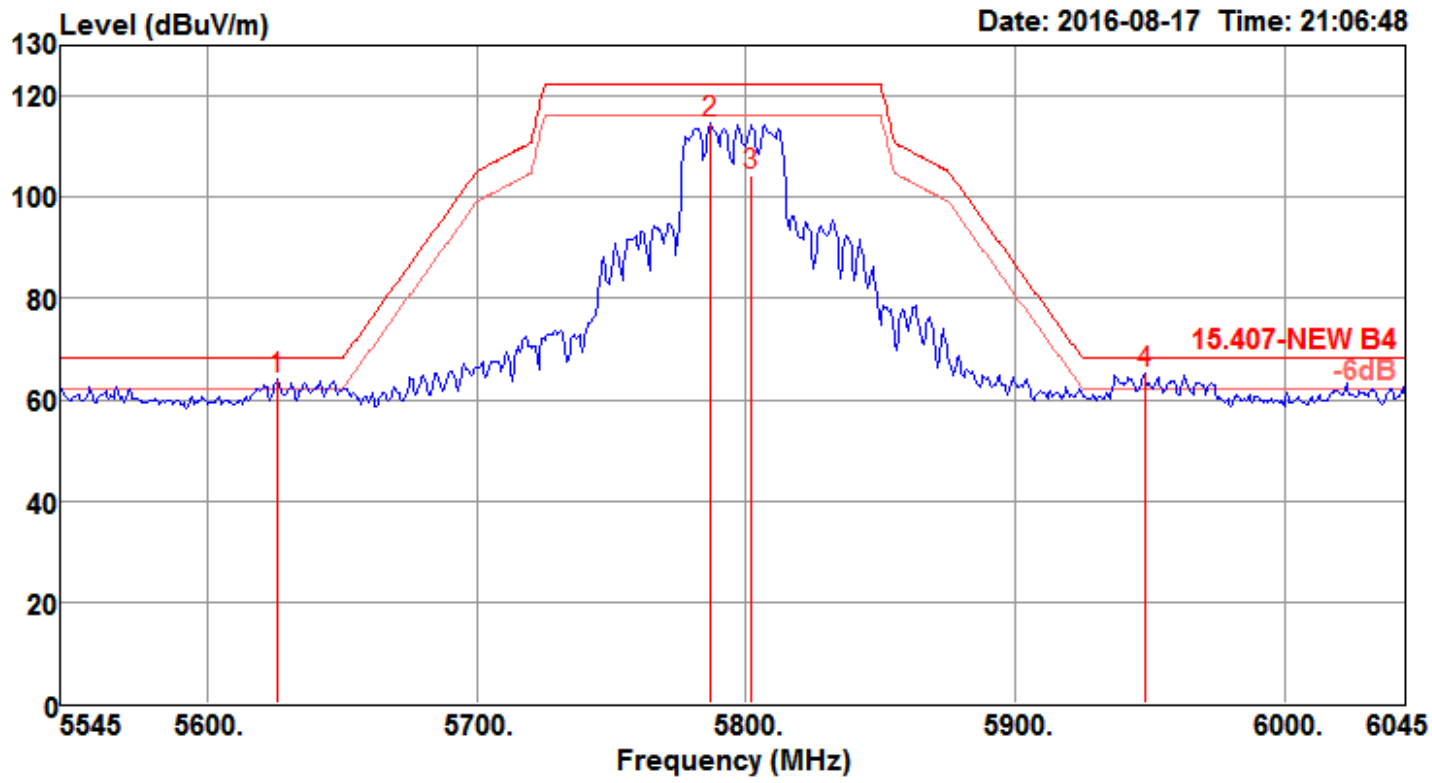
Channel 151



	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5581.00	63.63	68.20	-4.57	55.43	7.91	35.22	34.93	212	175	Peak	VERTICAL
2	5761.00	100.88			92.83	7.75	35.25	34.95	212	175	Average	VERTICAL
3	5770.00	111.90			103.85	7.75	35.25	34.95	212	175	Peak	VERTICAL
4	5932.00	62.80	68.20	-5.40	54.53	7.94	35.29	34.96	212	175	Peak	VERTICAL

Item 2, 3 are the fundamental frequency at 5755 MHz.

Channel 159



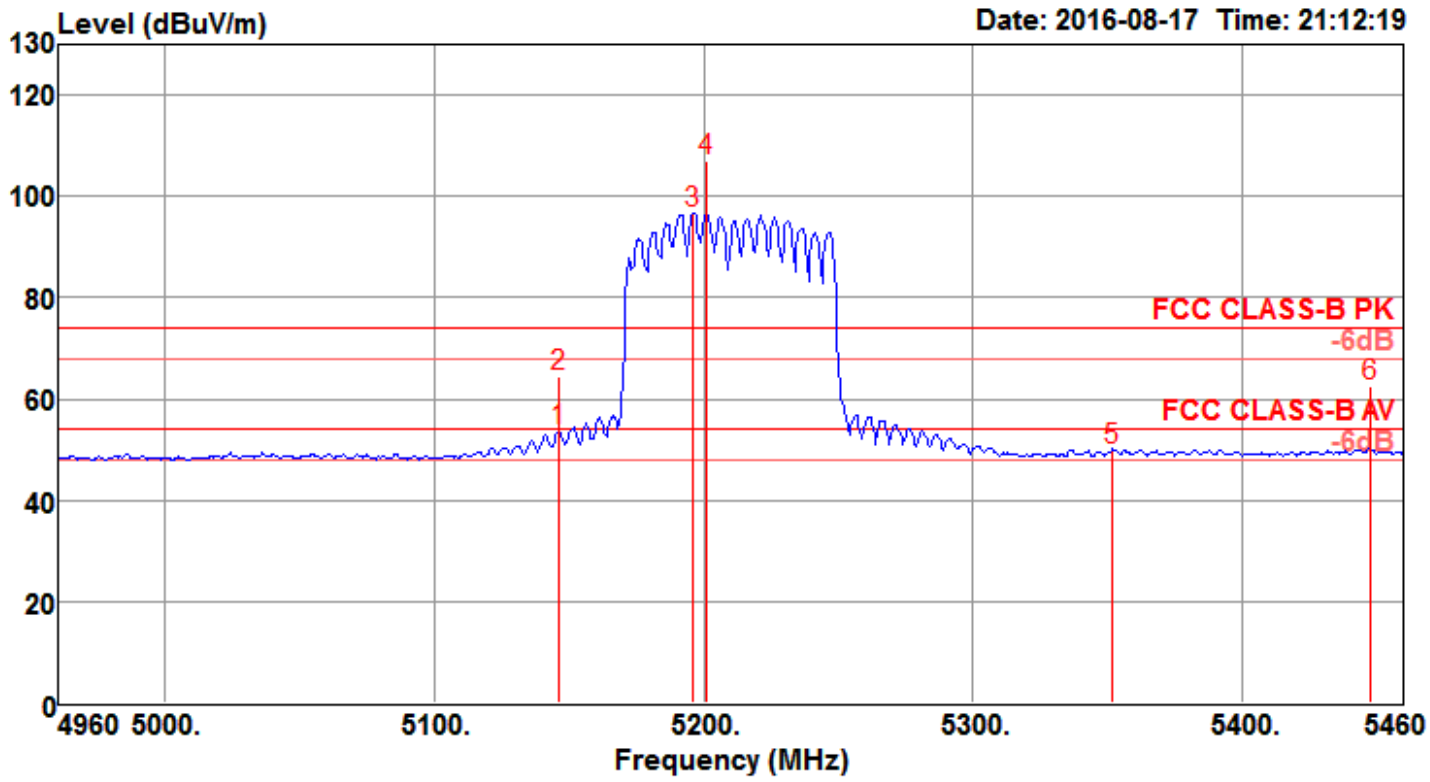
	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5626.00	63.96	68.20	-4.24	55.76	7.90	35.23	34.93	202	182	Peak	HORIZONTAL
2	5787.00	114.58			106.54	7.73	35.26	34.95	202	182	Peak	HORIZONTAL
3	5802.00	104.43			96.41	7.71	35.26	34.95	202	182	Average	HORIZONTAL
4	5948.00	65.05	68.20	-3.15	56.76	7.97	35.29	34.97	202	182	Peak	HORIZONTAL

Item 2, 3 are the fundamental frequency at 5795 MHz.



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42, 155 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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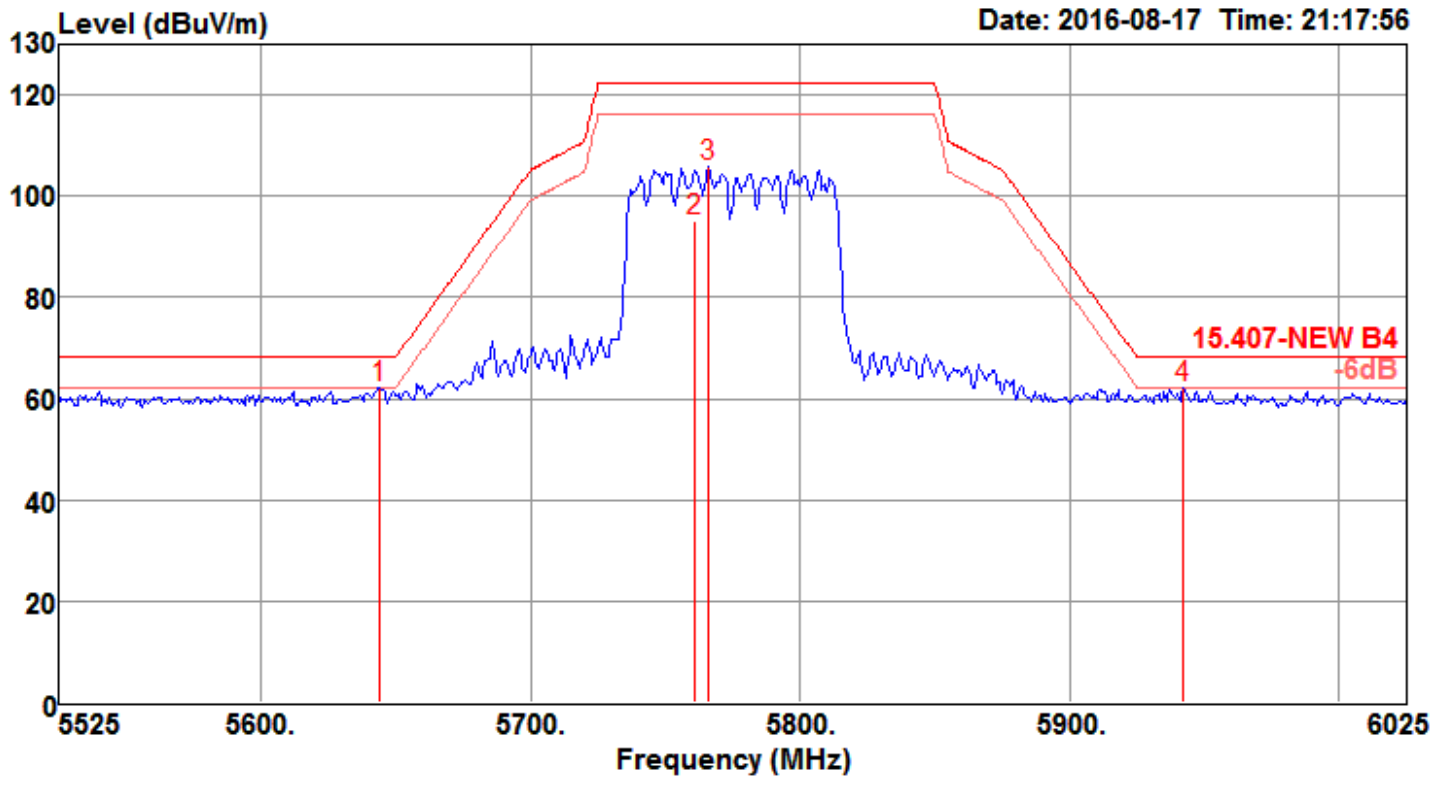
Channel 42



	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5146.00	53.68	54.00	-0.32	46.26	7.48	34.85	34.91	196	173	Average	VERTICAL
2	5146.00	64.51	74.00	-9.49	57.09	7.48	34.85	34.91	196	173	Peak	VERTICAL
3	5196.00	96.79			89.32	7.48	34.90	34.91	196	173	Average	VERTICAL
4	5201.00	106.82			99.35	7.48	34.90	34.91	196	173	Peak	VERTICAL
5	5352.00	50.04	54.00	-3.96	42.34	7.56	35.05	34.91	196	173	Average	VERTICAL
6	5448.00	62.56	74.00	-11.44	54.64	7.69	35.15	34.92	196	173	Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 5210 MHz.

Channel 155



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5644.00	62.00	68.20	-6.20	53.82	7.88	35.23	34.93	189	190	Peak	VERTICAL
2	5761.00	95.10			87.05	7.75	35.25	34.95	189	190	Average	VERTICAL
3	5766.00	105.90			97.85	7.75	35.25	34.95	189	190	Peak	VERTICAL
4	5942.00	62.29	68.20	-5.91	54.00	7.97	35.29	34.97	189	190	Peak	VERTICAL

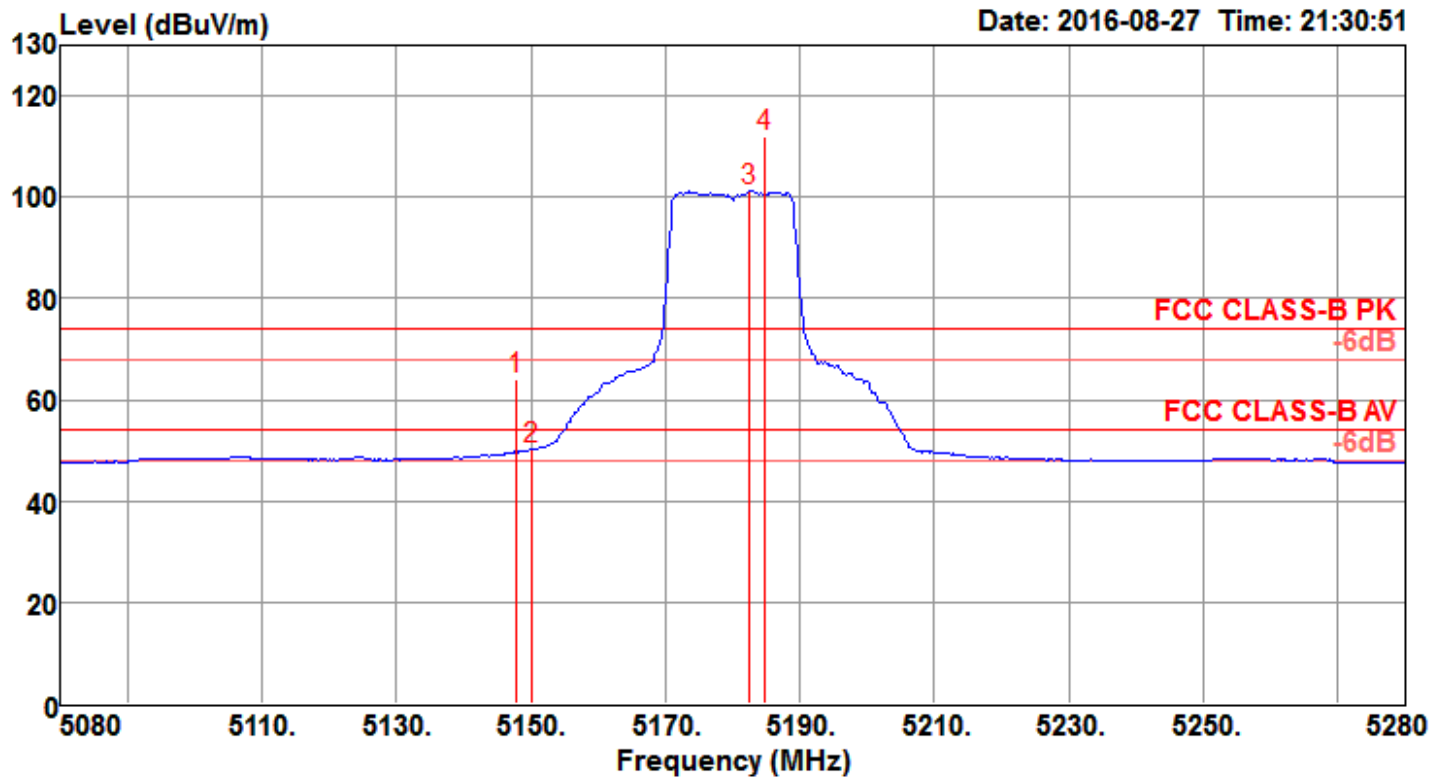
Item 2, 3 are the fundamental frequency at 5775 MHz.



<For Beamforming Mode>

Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36, 40, 48 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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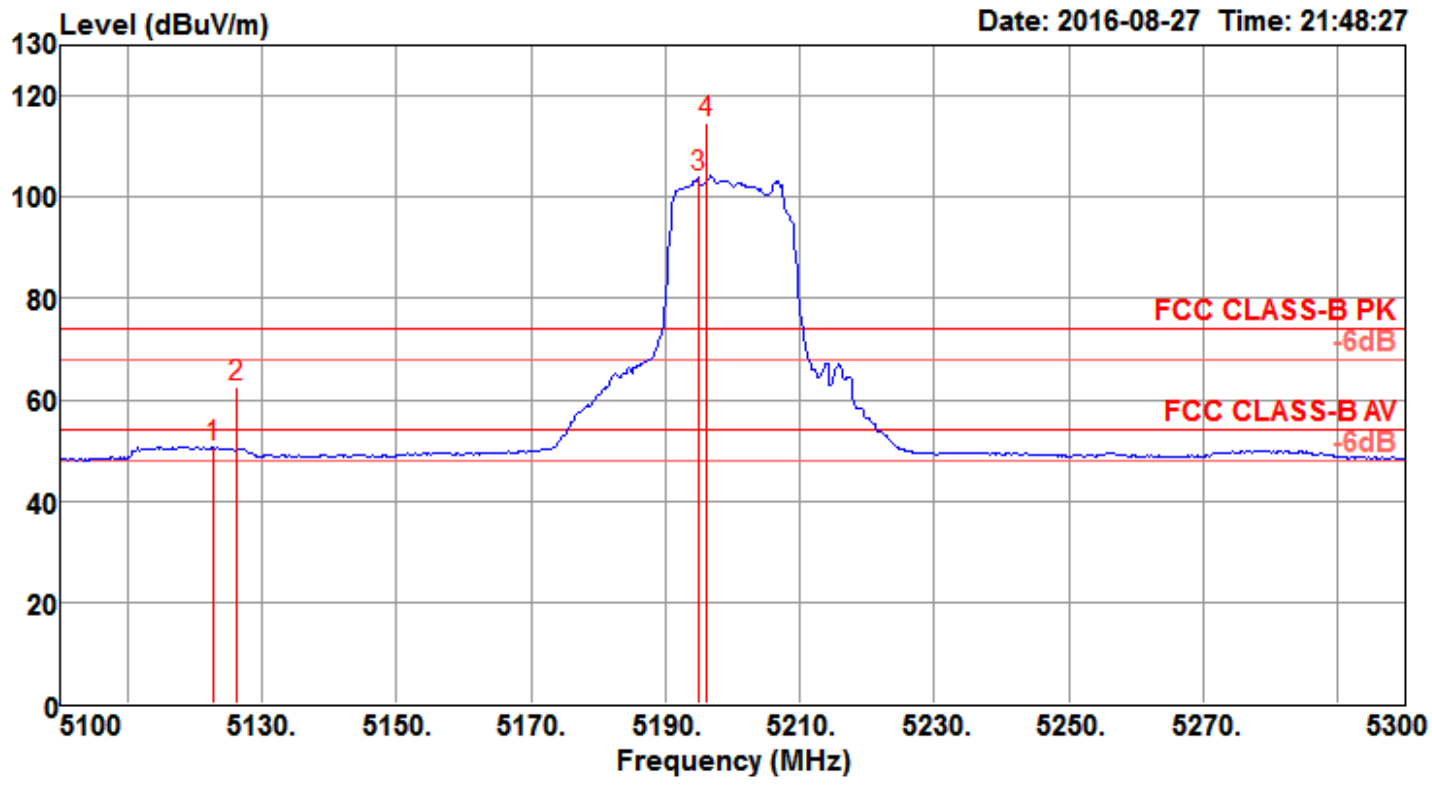
Channel 36



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5147.95	64.00	74.00	-10.00	56.58	7.48	34.85	34.91	150	318	Peak	VERTICAL
2	5150.00	50.20	54.00	-3.80	42.78	7.48	34.85	34.91	150	318	Average	VERTICAL
3 @	5182.56	101.22			93.77	7.48	34.88	34.91	150	318	Average	VERTICAL
4 @	5184.81	112.12			104.67	7.48	34.88	34.91	150	318	Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 5180 MHz.

Channel 40

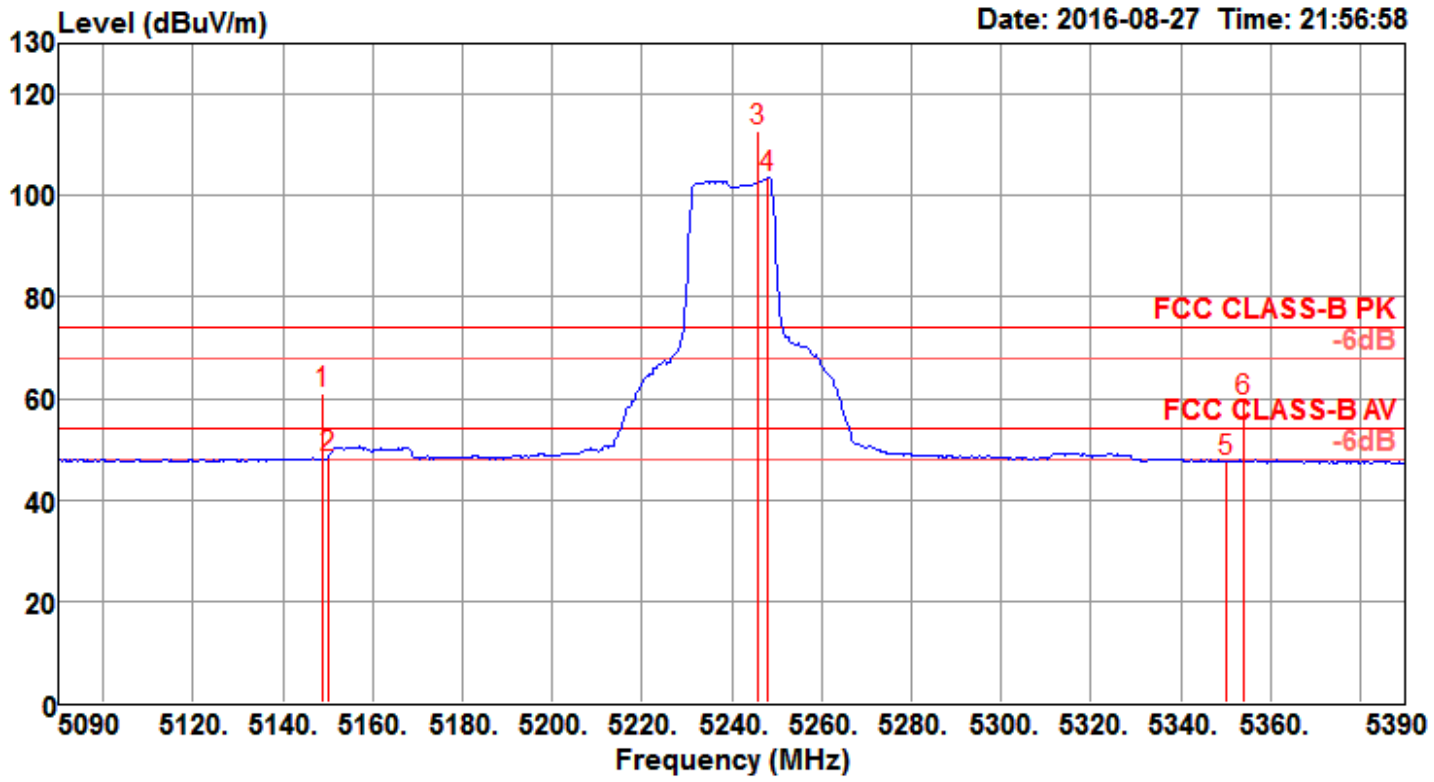


	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5122.76	50.52	54.00	-3.48	43.12	7.48	34.82	34.90	150	10	Average VERTICAL
2	5126.28	62.69	74.00	-11.31	55.29	7.48	34.82	34.90	150	10	Peak VERTICAL
3 @	5194.87	103.89			96.42	7.48	34.90	34.91	150	10	Average VERTICAL
4 @	5196.15	114.52			107.05	7.48	34.90	34.91	150	10	Peak VERTICAL

Item 3, 4 are the fundamental frequency at 5200 MHz.



Channel 48



	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5148.65	60.90	74.00	-13.10	53.48	7.48	34.85	34.91	154	318	Peak	VERTICAL
2	5150.00	48.15	54.00	-5.85	40.73	7.48	34.85	34.91	154	318	Average	VERTICAL
3 @	5245.77	112.77			105.24	7.50	34.94	34.91	154	318	Peak	VERTICAL
4 @	5248.17	103.64			96.08	7.51	34.96	34.91	154	318	Average	VERTICAL
5	5350.00	47.59	54.00	-6.41	39.89	7.56	35.05	34.91	154	318	Average	VERTICAL
6	5353.85	59.37	74.00	-14.63	51.67	7.56	35.05	34.91	154	318	Peak	VERTICAL

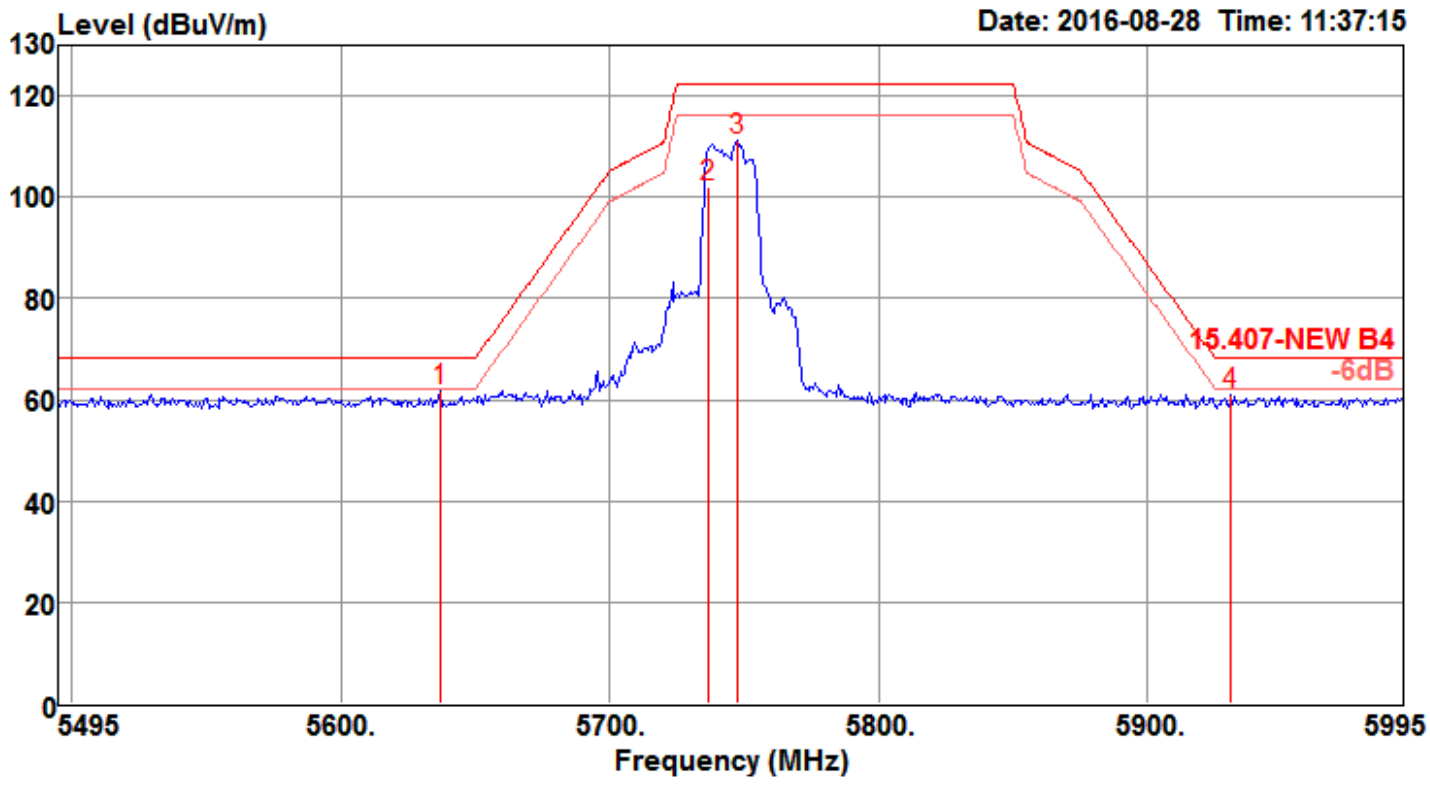
Item 3, 4 are the fundamental frequency at 5240 MHz.





<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149, 157, 165 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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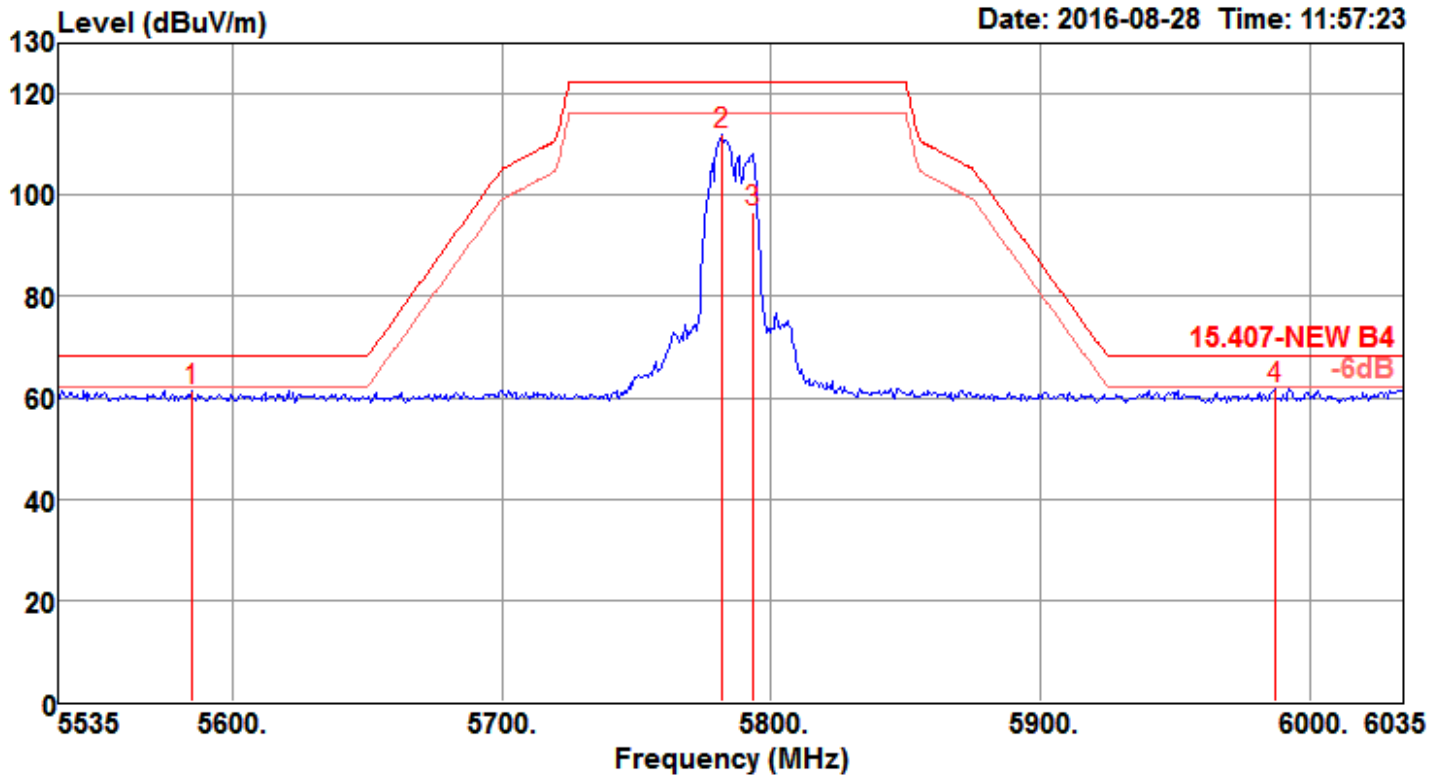
Channel 149



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5637.00	61.75	68.20	-6.45	53.55	7.90	35.23	34.93	161	319	Peak	VERTICAL
2	5736.99	102.02			93.92	7.79	35.25	34.94	161	319	Average	VERTICAL
3	5747.50	111.09			103.01	7.77	35.25	34.94	161	319	Peak	VERTICAL
4	5931.00	61.15	68.20	-7.05	52.88	7.94	35.29	34.96	161	319	Peak	VERTICAL

Item 2, 3 are the fundamental frequency at 5745 MHz.

Channel 157

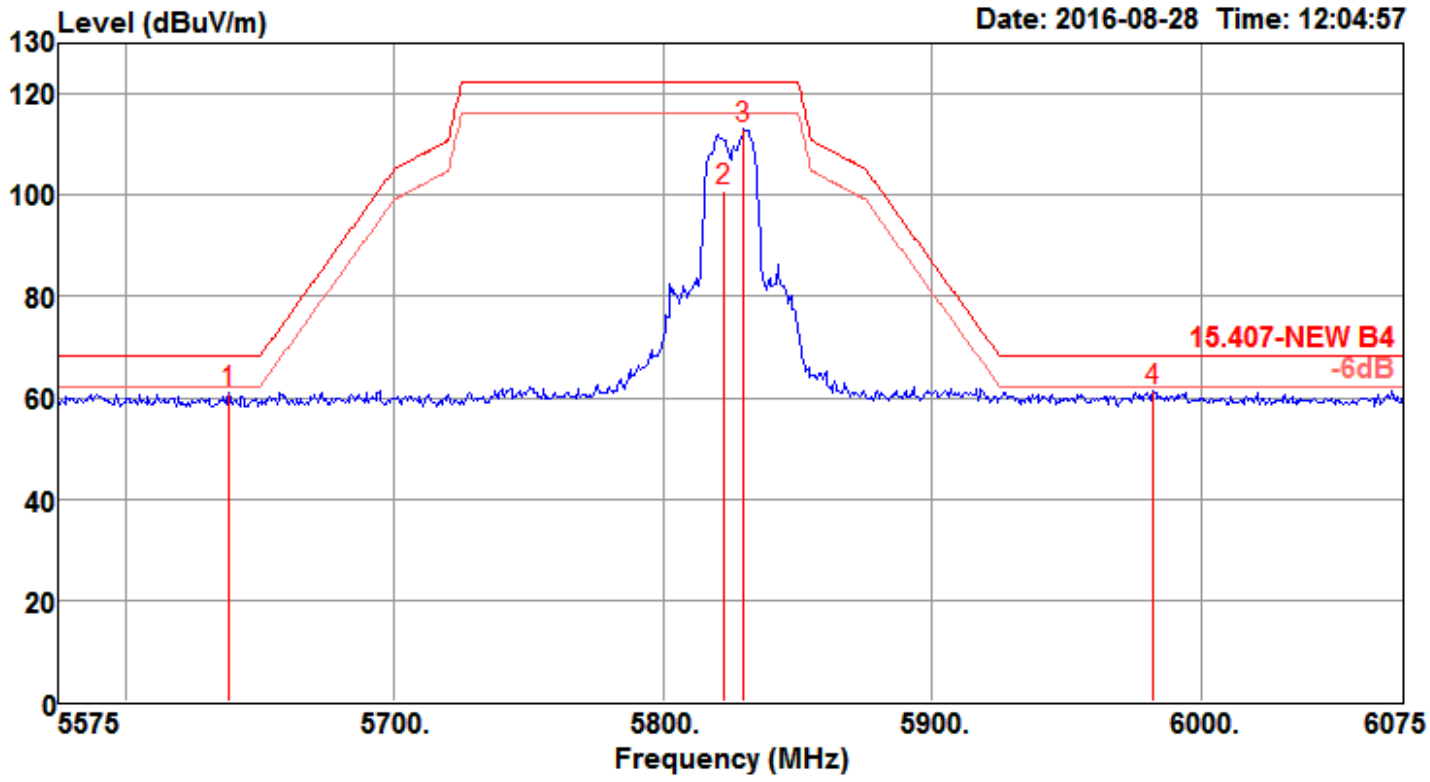


	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5584.50	61.39	68.20	-6.81	53.19	7.91	35.22	34.93	142	347	Peak HORIZONTAL
2	5782.00	112.05			104.01	7.73	35.26	34.95	142	347	Peak HORIZONTAL
3	5793.01	96.84			88.82	7.71	35.26	34.95	142	347	Average HORIZONTAL
4	5987.00	61.69	68.20	-6.51	53.34	8.02	35.30	34.97	142	347	Peak HORIZONTAL

Item 2, 3 are the fundamental frequency at 5785 MHz.



Channel 165



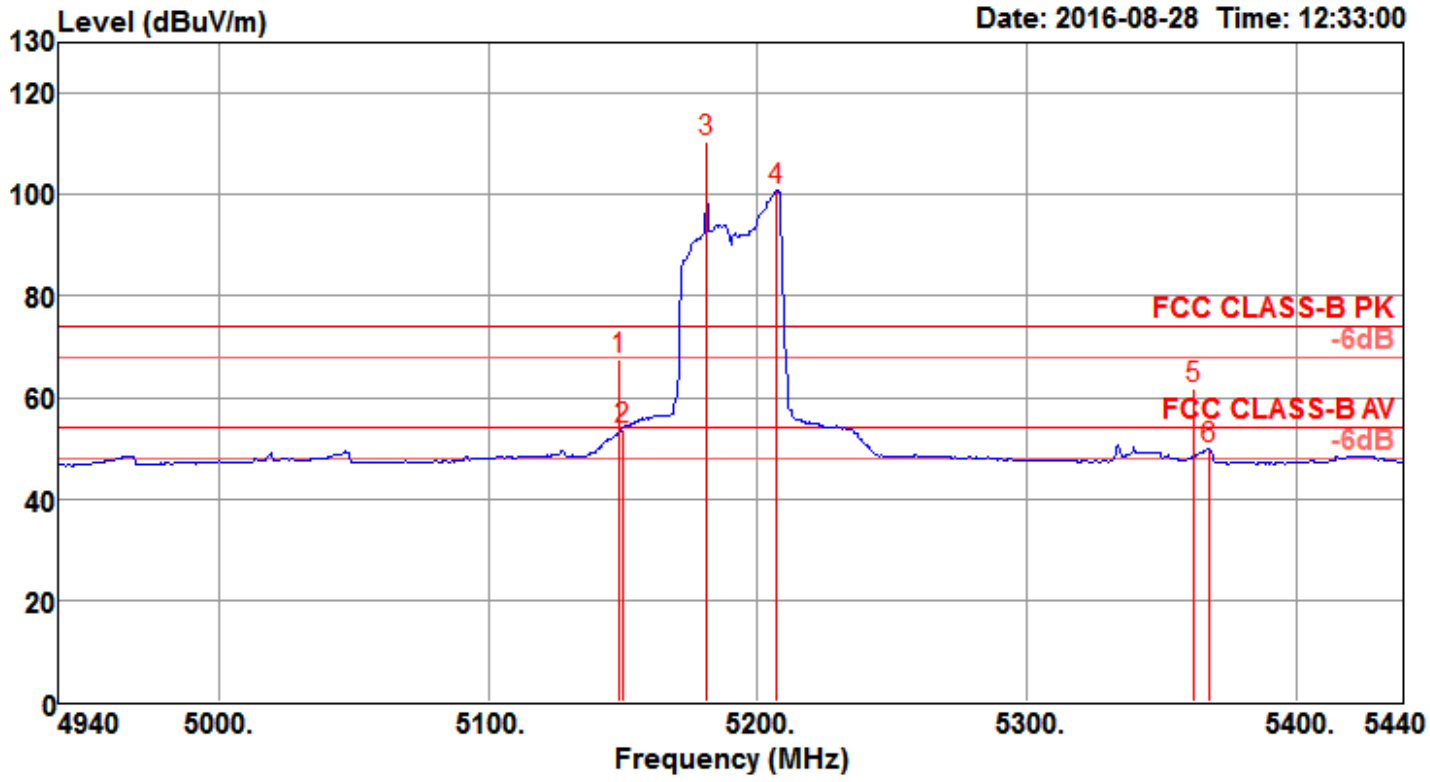
	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5638.50	60.86	68.20	-7.34	52.66	7.90	35.23	34.93	149	336	Peak	VERTICAL
2	5822.60	101.01			92.92	7.77	35.27	34.95	149	336	Average	VERTICAL
3	5830.00	113.03			104.94	7.77	35.27	34.95	149	336	Peak	VERTICAL
4	5982.00	61.25	68.20	-6.95	52.90	8.02	35.30	34.97	149	336	Peak	VERTICAL

Item 2, 3 are the fundamental frequency at 5825 MHz.



Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38, 46 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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Channel 38

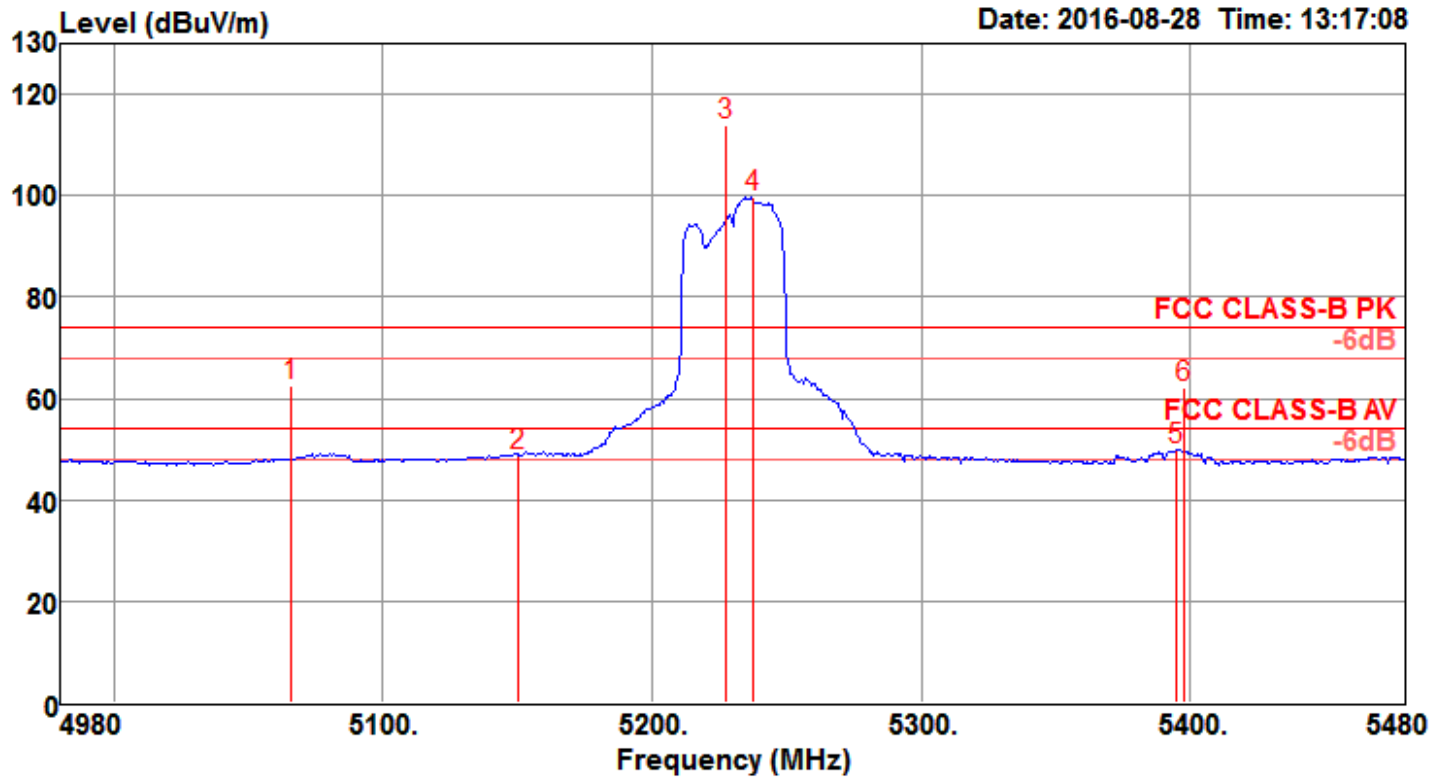


	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5148.33	67.50	74.00	-6.50	60.08	7.48	34.85	34.91	208	3 Peak	HORIZONTAL
2	5150.00	53.78	54.00	-0.22	46.36	7.48	34.85	34.91	208	3 Average	HORIZONTAL
3 @	5181.19	110.51			103.06	7.48	34.88	34.91	208	3 Peak	HORIZONTAL
4 @	5206.83	100.88			93.39	7.49	34.91	34.91	208	3 Average	HORIZONTAL
5	5362.28	61.87	74.00	-12.13	54.16	7.56	35.06	34.91	208	3 Peak	HORIZONTAL
6	5367.89	50.00	54.00	-4.00	42.29	7.56	35.06	34.91	208	3 Average	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5190 MHz.



Channel 46



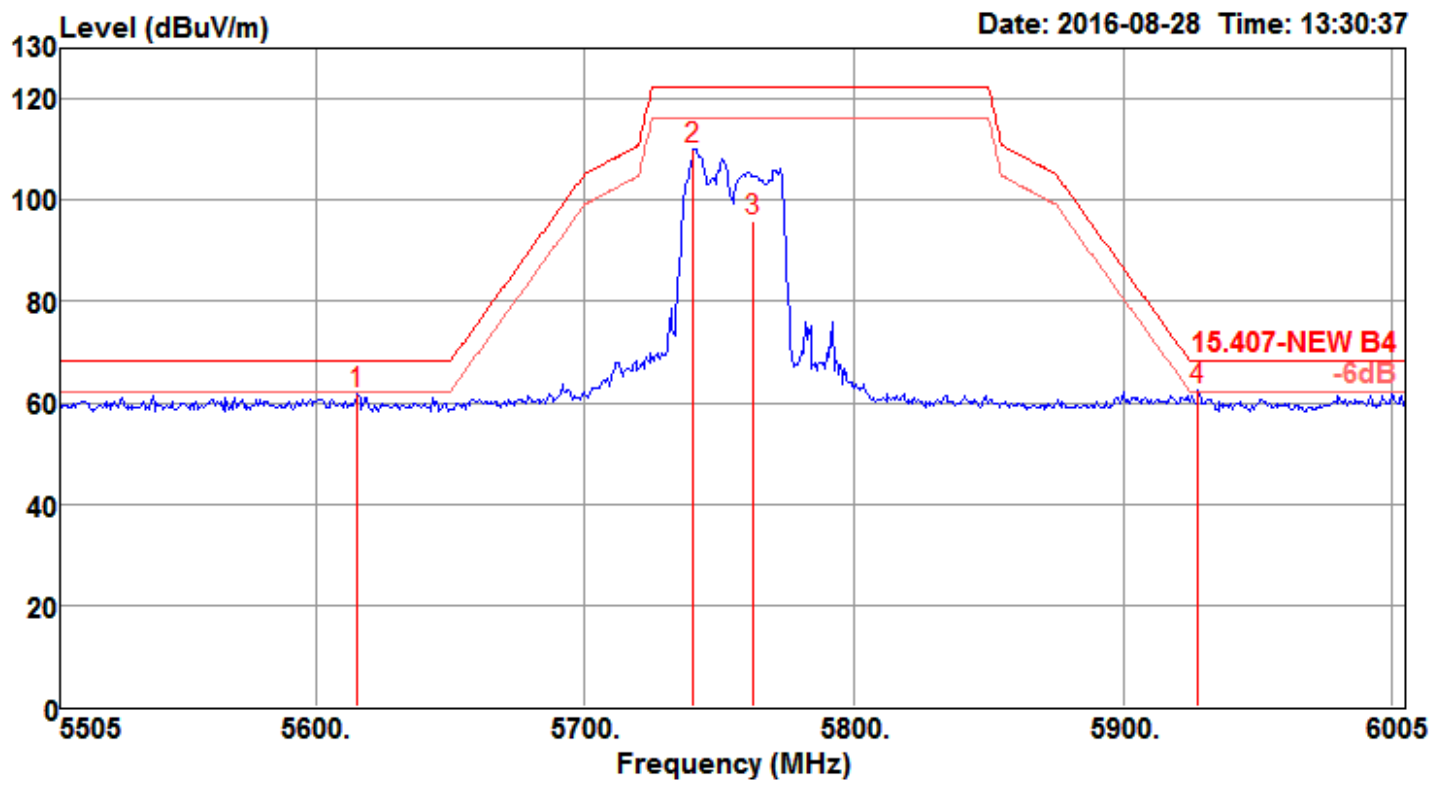
	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5065.74	62.44	74.00	-11.56	55.10	7.48	34.76	34.90	184	344	Peak	HORIZONTAL
2	5150.00	48.56	54.00	-5.44	41.14	7.48	34.85	34.91	184	344	Average	HORIZONTAL
3 @	5227.60	114.08			106.56	7.50	34.93	34.91	184	344	Peak	HORIZONTAL
4 @	5237.21	99.89			92.36	7.50	34.94	34.91	184	344	Average	HORIZONTAL
5	5395.06	49.75	54.00	-4.25	42.00	7.58	35.09	34.92	184	344	Average	HORIZONTAL
6	5397.47	62.09	74.00	-11.91	54.34	7.58	35.09	34.92	184	344	Peak	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5230 MHz.



<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151, 159 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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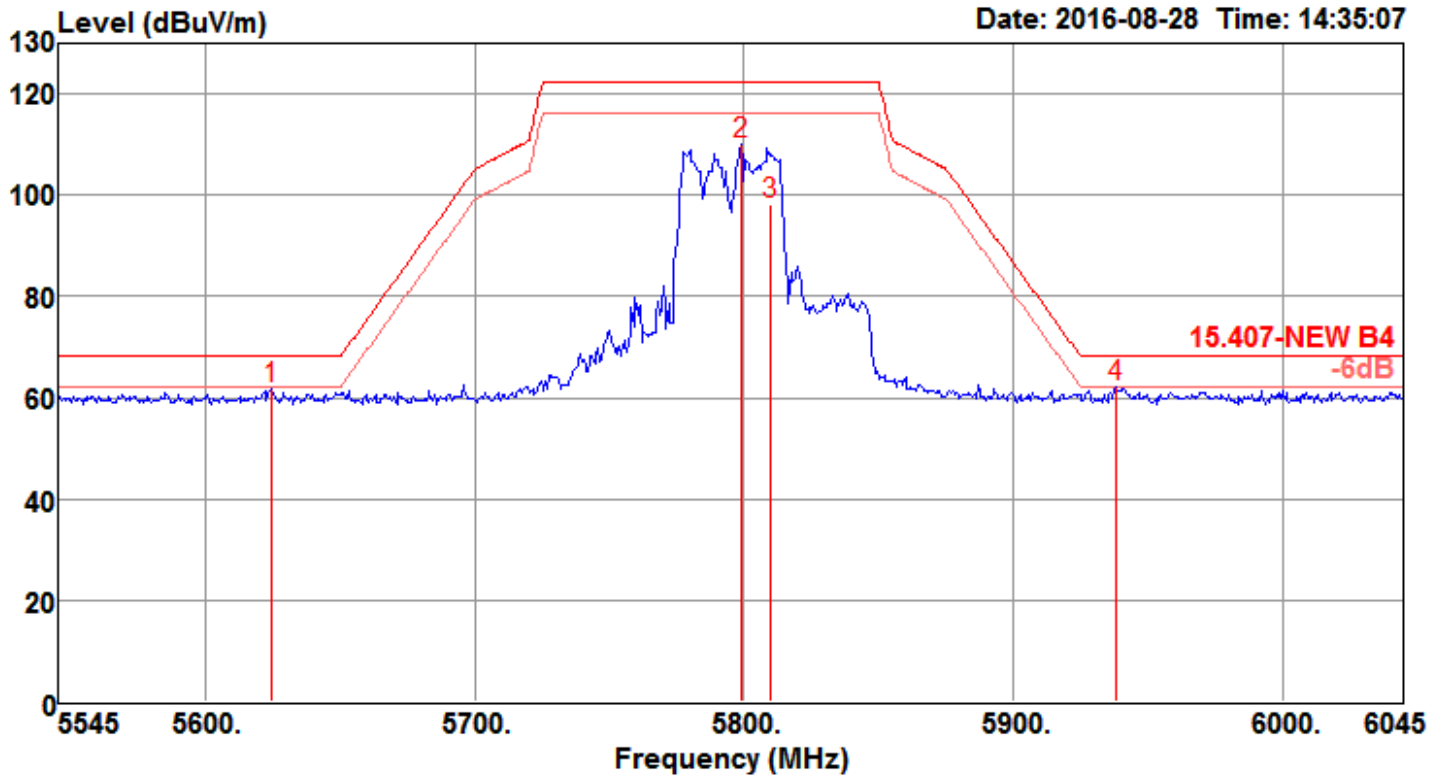
Channel 151



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	cm	deg		
			dBuV/m	dB	dBuV	dB	dB/m	dB			
1	5615.50	61.70	68.20	-6.50	53.49	7.92	35.22	34.93	162	350	Peak HORIZONTAL
2	5740.50	110.17			102.09	7.77	35.25	34.94	162	350	Peak HORIZONTAL
3	5762.21	95.78			87.73	7.75	35.25	34.95	162	350	Average HORIZONTAL
4	5928.00	62.57	68.20	-5.63	54.30	7.94	35.29	34.96	162	350	Peak HORIZONTAL

Item 2, 3 are the fundamental frequency at 5755 MHz.

Channel 159



	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5624.50	61.59	68.20	-6.61	53.39	7.90	35.23	34.93	183	23	Peak	HORIZONTAL
2	5799.00	110.00			101.98	7.71	35.26	34.95	183	23	Peak	HORIZONTAL
3	5809.42	98.31			90.26	7.74	35.26	34.95	183	23	Average	HORIZONTAL
4	5938.50	61.97	68.20	-6.23	53.70	7.94	35.29	34.96	183	23	Peak	HORIZONTAL

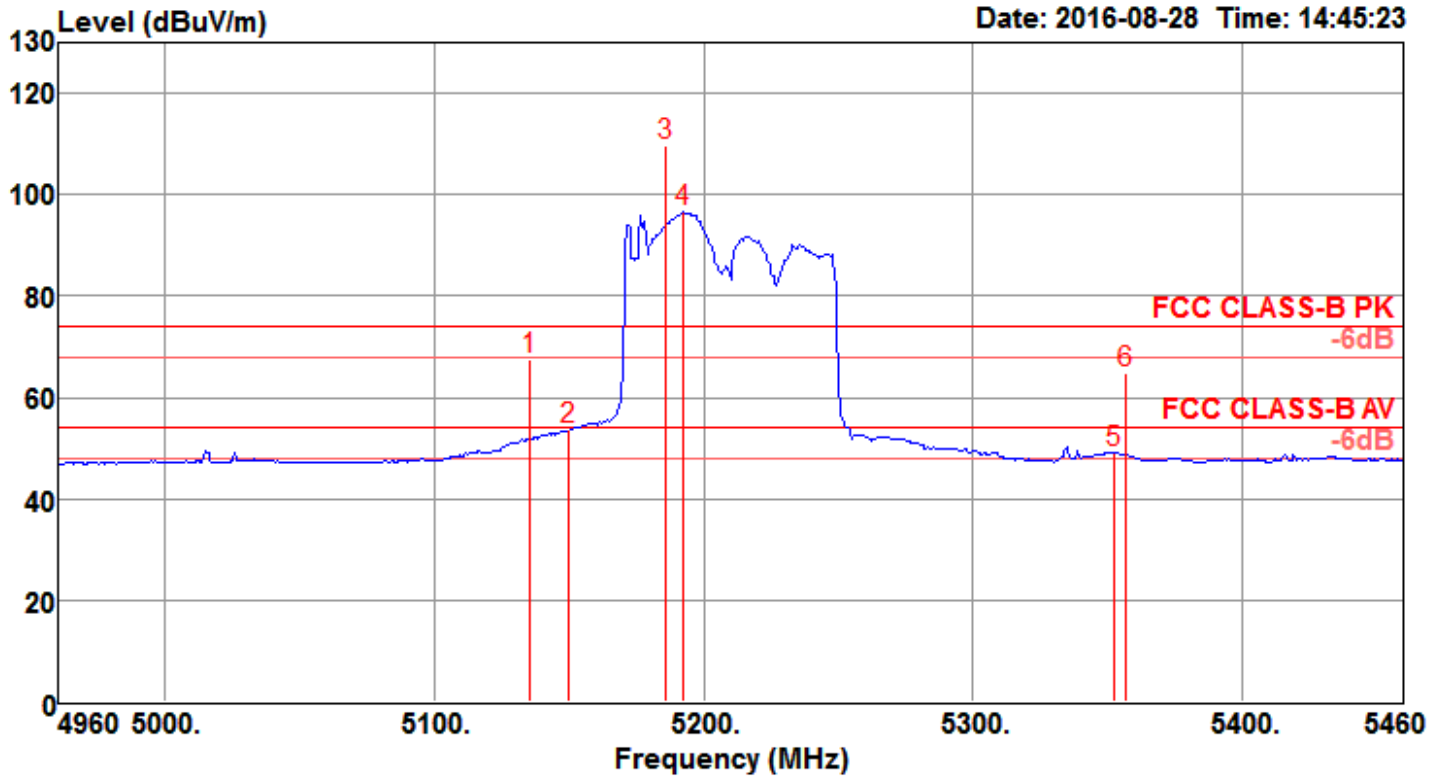
Item 2, 3 are the fundamental frequency at 5795 MHz.





Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42, 155 / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4
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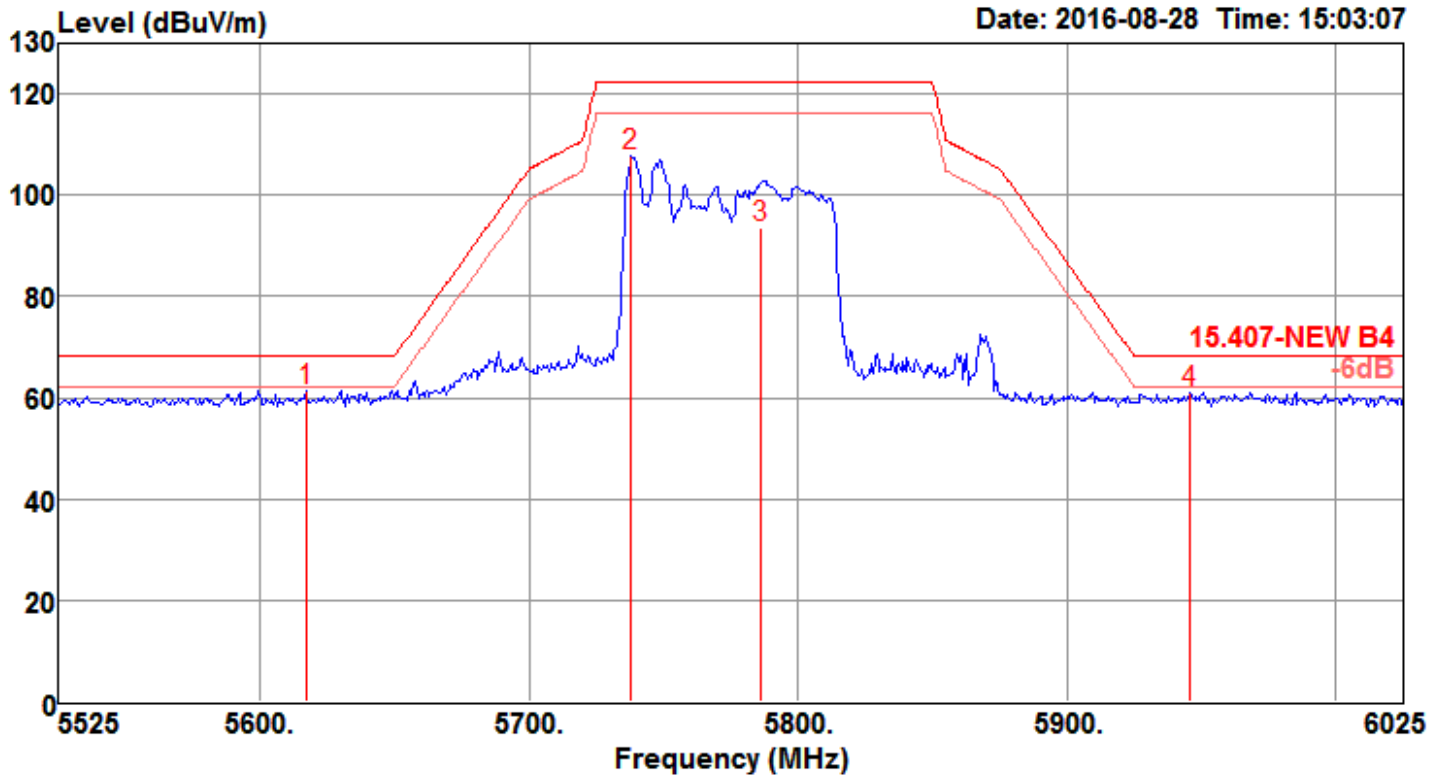
Channel 42



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	
	MHz	dBUV/m	dBUV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5135.48	67.50	74.00	-6.50	60.09	7.48	34.84	34.91	131	347	Peak	HORIZONTAL
2	5150.00	53.66	54.00	-0.34	46.24	7.48	34.85	34.91	131	347	Average	HORIZONTAL
3 @	5185.96	109.79			102.34	7.48	34.88	34.91	131	347	Peak	HORIZONTAL
4 @	5192.50	96.48			89.01	7.48	34.90	34.91	131	347	Average	HORIZONTAL
5	5352.50	49.07	54.00	-4.93	41.37	7.56	35.05	34.91	131	347	Average	HORIZONTAL
6	5356.50	64.73	74.00	-9.27	57.02	7.56	35.06	34.91	131	347	Peak	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5210 MHz.

Channel 155



	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5617.00	61.42	68.20	-6.78	53.21	7.92	35.22	34.93	154	315	Peak VERTICAL
2	5738.00	107.64			99.54	7.79	35.25	34.94	154	315	Peak VERTICAL
3	5786.22	93.50			85.46	7.73	35.26	34.95	154	315	Average VERTICAL
4	5945.50	61.12	68.20	-7.08	52.83	7.97	35.29	34.97	154	315	Peak VERTICAL

Item 2, 3 are the fundamental frequency at 5775 MHz.

Note:

Emission level (dBUV/m) = 20 log Emission level (uV/m)

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode: 20 MHz / Chain 2

Voltage vs. Frequency Stability

Voltage (V)	Measurement Frequency (MHz)			
	5200 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5200.0058	5200.0053	5200.0045	5200.0035
110.00	5200.0057	5200.0047	5200.0040	5200.0036
93.50	5200.0049	5200.0039	5200.0030	5200.0027
Max. Deviation (MHz)	0.0058	0.0053	0.0045	0.0036
Max. Deviation (ppm)	1.12	1.02	0.87	0.69
Result	Pass			

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)			
	5200 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5200.0081	5200.0071	5200.0061	5200.0055
10	5200.0064	5200.0059	5200.0049	5200.0048
20	5200.0057	5200.0056	5200.0047	5200.0038
30	5200.0052	5200.0046	5200.0044	5200.0041
40	5200.0038	5200.0029	5200.0022	5200.0018
50	5200.0018	5200.0009	5200.0003	5200.0002
Max. Deviation (MHz)	0.0101	0.0099	0.0097	0.0096
Max. Deviation (ppm)	1.94	1.90	1.87	1.85
Result	Pass			

Voltage vs. Frequency Stability

Voltage (V)	Measurement Frequency (MHz)			
	5785 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5785.0059	5785.0050	5785.0040	5785.0034
110.00	5785.0057	5785.0048	5785.0041	5785.0038
93.50	5785.0052	5785.0048	5785.0039	5785.0035
Max. Deviation (MHz)	0.0059	0.0050	0.0041	0.0038
Max. Deviation (ppm)	1.02	0.86	0.71	0.66
Result	Pass			

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)			
	5785 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5785.0065	5785.0055	5785.0053	5785.0044
10	5785.0062	5785.0058	5785.0054	5785.0052
20	5785.0057	5785.0053	5785.0050	5785.0040
30	5785.0052	5785.0050	5785.0043	5785.0041
40	5785.0041	5785.0036	5785.0027	5785.0023
50	5785.0031	5785.0026	5785.0024	5785.0020
Max. Deviation (MHz)	0.0110	0.0103	0.0094	0.0092
Max. Deviation (ppm)	1.90	1.78	1.62	1.59
Result	Pass			

Mode: 40 MHz / Chain 2

Voltage vs. Frequency Stability

Voltage (V)	Measurement Frequency (MHz)			
	5190 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5190.0067	5190.0066	5190.0065	5190.0059
110.00	5190.0057	5190.0049	5190.0044	5190.0041
93.50	5190.0055	5190.0050	5190.0047	5190.0042
Max. Deviation (MHz)	0.0067	0.0066	0.0065	0.0059
Max. Deviation (ppm)	1.29	1.27	1.25	1.14
Result	Pass			

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)			
	5190 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5190.0072	5190.0068	5190.0064	5190.0054
10	5190.0070	5190.0064	5190.0061	5190.0058
20	5190.0057	5190.0050	5190.0048	5190.0046
30	5190.0052	5190.0042	5190.0039	5190.0038
40	5190.0042	5190.0037	5190.0034	5190.0025
50	5190.0035	5190.0033	5190.0029	5190.0026
Max. Deviation (MHz)	0.0096	0.0091	0.0087	0.0085
Max. Deviation (ppm)	1.85	1.75	1.68	1.64
Result	Pass			

Voltage vs. Frequency Stability

Voltage (V)	Measurement Frequency (MHz)			
	5755 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5755.0064	5755.0056	5755.0052	5755.0048
110.00	5755.0057	5755.0056	5755.0052	5755.0042
93.50	5755.0051	5755.0041	5755.0033	5755.0028
Max. Deviation (MHz)	0.0064	0.0056	0.0052	0.0048
Max. Deviation (ppm)	1.11	0.97	0.90	0.83
Result	Pass			

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)			
	5755 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5755.0073	5755.0067	5755.0059	5755.0050
10	5755.0063	5755.0054	5755.0051	5755.0044
20	5755.0057	5755.0053	5755.0044	5755.0038
30	5755.0052	5755.0042	5755.0041	5755.0040
40	5755.0036	5755.0027	5755.0020	5755.0011
50	5755.0018	5755.0008	5755.0001	5754.9996
Max. Deviation (MHz)	0.0102	0.0092	0.0090	0.0081
Max. Deviation (ppm)	1.77	1.60	1.56	1.41
Result	Pass			

Mode: 80 MHz / Chain 2

Voltage vs. Frequency Stability

Voltage (V)	Measurement Frequency (MHz)			
	5210 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5210.0058	5210.0053	5210.0046	5210.0038
110.00	5210.0057	5210.0053	5210.0047	5210.0040
93.50	5210.0053	5210.0046	5210.0037	5210.0031
Max. Deviation (MHz)	0.0058	0.0053	0.0047	0.0040
Max. Deviation (ppm)	1.11	1.02	0.90	0.77
Result	Pass			

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)			
	5210 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5210.0077	5210.0073	5210.0063	5210.0060
10	5210.0073	5210.0063	5210.0058	5210.0052
20	5210.0057	5210.0055	5210.0047	5210.0039
30	5210.0052	5210.0048	5210.0042	5210.0039
40	5210.0042	5210.0039	5210.0037	5210.0031
50	5210.0031	5210.0029	5210.0023	5210.0019
Max. Deviation (MHz)	0.0108	0.0099	0.0091	0.0084
Max. Deviation (ppm)	2.07	1.90	1.75	1.61
Result	Pass			

Voltage vs. Frequency Stability

Voltage (V)	Measurement Frequency (MHz)			
	5775 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5775.0067	5775.0066	5775.0059	5775.0055
110.00	5775.0057	5775.0053	5775.0044	5775.0036
93.50	5775.0055	5775.0045	5775.0039	5775.0030
Max. Deviation (MHz)	0.0067	0.0066	0.0059	0.0055
Max. Deviation (ppm)	1.16	1.14	1.02	0.95
Result	Pass			

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)			
	5775 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5775.0074	5775.0070	5775.0067	5775.0066
10	5775.0063	5775.0062	5775.0060	5775.0054
20	5775.0057	5775.0047	5775.0038	5775.0029
30	5775.0052	5775.0049	5775.0043	5775.0042
40	5775.0041	5775.0039	5775.0032	5775.0031
50	5775.0036	5775.0034	5775.0030	5775.0028
Max. Deviation (MHz)	0.0104	0.0096	0.0087	0.0082
Max. Deviation (ppm)	1.80	1.66	1.51	1.42
Result	Pass			