FCC Test Report

Equipment	:	Wireless-AX6000 Dual Band Gigabit Router
Brand Name	:	ASUS
Model No.	:	RT-AX88U, RT-AX6000, RT-AX88P, RT-AX88R, RT-AX88A
FCC ID	:	MSQ-RTAXHP00
Standard	:	47 CFR FCC Part 15.407
Operating Band	:	5150 MHz – 5250 MHz 5725 MHz – 5850 MHz
Applicant	:	ASUSTeK COMPUTER INC. 4F, No. 150, Li-Te Rd., Peitou, Taipei 112, Taiwan
Manufacturer (1)	:	Compal Networking (KunShan) Co., LTD. No. 520, Nanbang Rd., Economic & Technical Development Zone Kunshan, Jiangsu Province China
Manufacturer (2)	:	ASKEY TECHNOLOGY (JIANG SU) LTD NO1388, Jiao Tong Road, Wujiang Economic Technological Development Area Jiangsu Province 215200 China
Function	:	☐ Outdoor; ☒ Indoor; ☐ Fixed P2P ☐ Client

The product sample received on Dec. 18, 2017 and completely tested on Feb. 01, 2018. 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.

Testing Laboratory
1190

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Summary of Test Result

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Revision History

Report No.	Version	Description	Issued Date
FR780707AB	Rev. 01	Initial issue of report	Feb. 09, 2018

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), ax (HE20)	5180-5240	36-48 [4]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HE40)	5190-5230	38-46 [2]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HE80)	5210	42 [1]
5725-5850		5775	155 [1]

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	4TX
5.15-5.25GHz	802.11n HT20	20	4TX
5.15-5.25GHz	802.11n HT20-BF	20	4TX
5.15-5.25GHz	802.11ac VHT20	20	4TX
5.15-5.25GHz	802.11ac VHT20-BF	20	4TX
5.15-5.25GHz	802.11ax HE20	20	4TX
5.15-5.25GHz	802.11ax HE20,BF	20	4TX
5.15-5.25GHz	802.11n HT40	40	4TX
5.15-5.25GHz	802.11n HT40-BF	40	4TX
5.15-5.25GHz	802.11ac VHT40	40	4TX
5.15-5.25GHz	802.11ac VHT40-BF	40	4TX
5.15-5.25GHz	802.11ax HE40	40	4TX
5.15-5.25GHz	802.11ax HE40,BF	40	4TX
5.15-5.25GHz	802.11ac VHT80	80	4TX
5.15-5.25GHz	802.11ac VHT80-BF	80	4TX
5.15-5.25GHz	802.11ax HE80	80	4TX
5.15-5.25GHz	802.11ax HE80,BF	80	4TX

Band	Mode	BWch (MHz)	Nant
5.725-5.85GHz	802.11a	20	4TX
5.725-5.85GHz	802.11n HT20	20	4TX
5.725-5.85GHz	802.11n HT20-BF	20	4TX
5.725-5.85GHz	802.11ac VHT20	20	4TX
5.725-5.85GHz	802.11ac VHT20-BF	20	4TX
5.725-5.85GHz	802.11ax HE20	20	4TX
5.725-5.85GHz	802.11ax HE20,BF	20	4TX
5.725-5.85GHz	802.11n HT40	40	4TX
5.725-5.85GHz	802.11n HT40-BF	40	4TX
5.725-5.85GHz	802.11ac VHT40	40	4TX
5.725-5.85GHz	802.11ac VHT40-BF	40	4TX
5.725-5.85GHz	802.11ax HE40	40	4TX
5.725-5.85GHz	802.11ax HE40,BF	40	4TX
5.725-5.85GHz	802.11ac VHT80	80	4TX
5.725-5.85GHz	802.11ac VHT80-BF	80	4TX
5.725-5.85GHz	802.11ax HE80	80	4TX
5.725-5.85GHz	802.11ax HE80,BF	80	4TX

Note:
- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40, VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- HE20, HE40, HE80 use a combination of OFDMA-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

Set	2.4G Port	5G Port	Brand	P/N	Antenna Type	Connector	Gain (dBi)
1	1	2	M.gear	C660-510411-A	Dipole Antenna	Reverse SMA Plug	Note 1
	2	1					
	3	4					
	4	3					
2	-		PSA	RFDPA171300SBLB820	Dipole Antenna	Reverse SMA Plug	

Note1:

Set	2.4G Port	5G Port	Gain (dBi)		
			2.4GHz	5GHz Band 1	5GHz Band 4
1	1	2	1.94	2.33	1.94
	2	1			
	3	4			
	4	3			
2	-		1.85	2.24	1.86

Note2: The EUT has two sets of antennas because set 1 & set 2 are the same type antennas, only the higher gain antenna “set 1” was tested..

<For 2.4GHz Band>

For IEEE 802.11b/g/n/ac/ax mode <4TX/4RX>:

Port 1, Port 2, Port 3 and Port 4 will transmit/receive the same signal simultaneously.

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antennas.

<For 5GHz Band>

For IEEE 802.11a/n/ac/ax mode <4TX/4RX>:

Port 1, Port 2, Port 3 and Port 4 will transmit/receive the same signal simultaneously.

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antennas.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.983	0.074	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT20	0.983	0.074	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT20-BF	0.832	0.799	1.948m	1k
802.11ac VHT40	0.986	0.061	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT40-BF	0.903	0.443	2.793m	1k
802.11ac VHT80	0.986	0.061	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT80-BF	0.919	0.367	3.423m	300
802.11ax HE20	0.982	0.079	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HE20,BF	0.858	0.665	2.218m	1k
802.11ax HE40	0.982	0.079	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HE40,BF	0.843	0.742	2.218m	1k
802.11ax HE80	0.982	0.079	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HE80,BF	0.904	0.440	3.835m	1k

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	☒	With beamforming 802.11n/ac/ax in 5GHz	☐	Without beamforming
Test Software Version	accessMTool_3_0_0_5			

1.1.5 Table for Multiple Listing

The model names in the following table are all refer to the identical product.

Model Name	Description
RT-AX88U	All the models are identical, the different model names served as marketing strategy.
RT-AX6000	
RT-AX88P	
RT-AX88R	
RT-AX88A	

From the above models, model: RT-AX88U was selected as representative model for the test and its data was recorded in this report.

1.1.6 Table for SKU information

EUT No.	SUK No. / Brand Name	P/N
1	SUK 1 / SWAPnet	NS604804
2	SUK 2 / Mingtek	HN4821CG

Note: The SKU does not affect the test result of RF tests, so only SUK 1 was tested and recorded in this report.

1.2 Testing Applied Standards

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

- 47 CFR FCC Part 15
- ANSI C63.10-2013
- FCC KDB 789033 D02 v02r01
- FCC KDB 662911 D01 v02r01

1.3 Testing Location Information

Testing Location							
☐	HWA YA	ADD	:	No. 52, Hwa Ya 1st Rd., Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C.			
		TEL	:	886-3-327-3456	FAX	:	886-3-318-0055
☒	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	Stim Sung & Serway Lin	20°C / 50%	Feb. 01, 2018
Radiated below 1GHz	03CH01-CB	Cola Fan	22°C / 54%	Jan. 29, 2018
Radiated above 1GHz	03CH01-CB	Cola Fan	22°C / 54%	Dec. 18, 2017 ~ Jan. 31, 2018
AC Conduction	CO01-CB	Max Lin	21°C / 56%	Jan. 31, 2018

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%
Output Power Measurement	1.33 dB	Confidence levels of 95%
Power Density Measurement	1.27 dB	Confidence levels of 95%
Bandwidth Measurement	9.74 $x10^{-8}$	Confidence levels of 95%
Frequency Stability	6.06 $x10^{-8}$	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	82
5200MHz	82
5240MHz	81
802.11ac VHT20_Nss1,(MCS0)_4TX	-
5180MHz	83
5200MHz	83
5240MHz	82
802.11ac VHT40_Nss1,(MCS0)_4TX	-
5190MHz	76
5230MHz	91
802.11ac VHT80_Nss1,(MCS0)_4TX	-
5210MHz	76
HE20_Nss1,(MCS0)_4TX	-
5180MHz	82
5200MHz	82
5240MHz	81
HE40_Nss1,(MCS0)_4TX	-
5190MHz	75
5230MHz	90
HE80_Nss1,(MCS0)_4TX	-
5210MHz	74
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-
5180MHz	83
5200MHz	82
5240MHz	82
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-
5190MHz	70
5230MHz	78
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-
5210MHz	76
HE20,BF_Nss1,(MCS0)_4TX	-
5180MHz	77

Mode	Power Setting
5200MHz	80
5240MHz	80
HE40,BF_Nss1,(MCS0)_4TX	-
5190MHz	68
5230MHz	78
HE80,BF_Nss1,(MCS0)_4TX	-
5210MHz	72
802.11ac VHT20-BF_Nss2,(MCS0)_4TX	-
5180MHz	82
5200MHz	91
5240MHz	91
802.11ac VHT40-BF_Nss2,(MCS0)_4TX	-
5190MHz	76
5230MHz	87
802.11ac VHT80-BF_Nss2,(MCS0)_4TX	-
5210MHz	73
HE20,BF_Nss2,(MCS0)_4TX	-
5180MHz	80
5200MHz	91
5240MHz	90
HE40,BF_Nss2,(MCS0)_4TX	-
5190MHz	72
5230MHz	87
HE80,BF_Nss2,(MCS0)_4TX	-
5210MHz	72

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5745MHz	91
5785MHz	92
5825MHz	92
802.11ac VHT20_Nss1,(MCS0)_4TX	-
5745MHz	91
5785MHz	92
5825MHz	92
802.11ac VHT40_Nss1,(MCS0)_4TX	-
5755MHz	90
5795MHz	90
802.11ac VHT80_Nss1,(MCS0)_4TX	-
5775MHz	89
HE20_Nss1,(MCS0)_4TX	-
5745MHz	90
5785MHz	90
5825MHz	90
HE40_Nss1,(MCS0)_4TX	-
5755MHz	89
5795MHz	89
HE80_Nss1,(MCS0)_4TX	-
5775MHz	89
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-
5745MHz	84
5785MHz	84
5825MHz	84
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-
5755MHz	83
5795MHz	83
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-
5775MHz	83
HE20,BF_Nss1,(MCS0)_4TX	-
5745MHz	82
5785MHz	82
5825MHz	82
HE40,BF_Nss1,(MCS0)_4TX	-

Mode	Power Setting
5755MHz	82
5795MHz	82
HE80,BF_Nss1,(MCS0)_4TX	-
5775MHz	82
802.11ac VHT20-BF_Nss2,(MCS0)_4TX	-
5745MHz	93
5785MHz	93
5825MHz	93
802.11ac VHT40-BF_Nss2,(MCS0)_4TX	-
5755MHz	91
5795MHz	92
802.11ac VHT80-BF_Nss2,(MCS0)_4TX	-
5775MHz	89
HE20,BF_Nss2,(MCS0)_4TX	-
5745MHz	91
5785MHz	92
5825MHz	91
HE40,BF_Nss2,(MCS0)_4TX	-
5755MHz	91
5795MHz	91
HE80,BF_Nss2,(MCS0)_4TX	-
5775MHz	89

Note:
- There are two modes of EUT for 802.11n/ac/ax in 5GHz. One is beamforming mode, and the other is non-beamforming mode. Both modes have been tested and recorded in this test report.
- 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.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	Normal Link
	The EUT has two SKUs and equips with adapter 1 ~ adapter 4. After evaluated, EUT 1 (SKU1) + adapter 1 generated the worst test result, thus the measurement test will follow this same test
1	Master (AP) Mode - EUT 1 (SKU1) + Adapter 1

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Conducted Output Power Peak Power Spectral Density Frequency Stability
Test Condition	Conducted measurement at transmit chains
1	Master (AP) Mode - EUT 1 (SKU1) + Adapter 2

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link
	The EUT has two SKUs and equips with adapter 1 ~ adapter 4. After evaluated, EUT 1 (SKU1) + adapter 3 generated the worst test result, thus the measurement test will follow this same test configuration.
1	Master (AP) Mode - EUT 1 (SKU1) + Adapter 3
Operating Mode > 1GHz	CTX
1	EUT 1 (SKU1) in Z axis

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
1	EUT 1 (SKU1) in Z axis - WLAN 2.4GHz + WLAN 5GHz
Refer to Appendix G for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	EUT 1 (SKU1) - WLAN 2.4GHz + WLAN 5GHz
Refer to Sporton Test Report No.: FA780707 for Co-location RF Exposure Evaluation.	

Note:The EUT supports master mode (AP mode) and only be used at Z axis.

2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

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 Telnet.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by RX Device and transmit duty cycle no less than 98%.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories				
Equipment Name	**Brand Name**	**Model Name**	**type**	**Rating**
Adapter 1	DELTA	ADP-45BW B	-	INPUT: 100-240V ~ 1.2A, 50-60Hz OUTPUT: 19V, 2.37A
Adapter 2	PI	AD883J20	010K-7LF	INPUT: 100-240V ~ 50/60Hz, 1.0A OUTPUT: 19V, 2.37A
Adapter 3	PI	AD2066320	010-1LF	INPUT: 100-240V ~ 50/60Hz, 1.0A OUTPUT: 19V, 2.37A
Adapter 4	DELTA	ADP-45BW Y	-	INPUT: 100-240V ~ 50-60Hz, 1.2A OUTPUT: 19V, 2.37A
Other				
RJ-45 cable*1, Non-shielded, 1.5m				

Note1: The power adapter does not affect the test result of RF tests, so Emission Bandwidth, Maximum Conducted Output Power, Peak Power Spectral Density, Frequency Stability and Unwanted Emissions above 1GHz only test adapter 2 and recorded in this report.

Note2: All adapters test for AC power-line conducted emissions and Unwanted Emissions below 1GHz.

2.5 Support Equipment

For Test Site No: CO01-CB

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB*5	DELL	E6430	DoC
2	Flash disk 3.0	Transcend	604108 8255	DoC
3	Flash disk 3.0	Transcend	604108 8255	DoC

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

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB*3	DELL	E4300	DoC
2	NB*2	Apple	Mac Book	DoC
3	Flash disk3.0	Silicon Power	B06	DoC
4	Flash disk3.0	Silicon Power	B06	DoC

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

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB	DELL	E4300	DoC

(For beamforming mode)

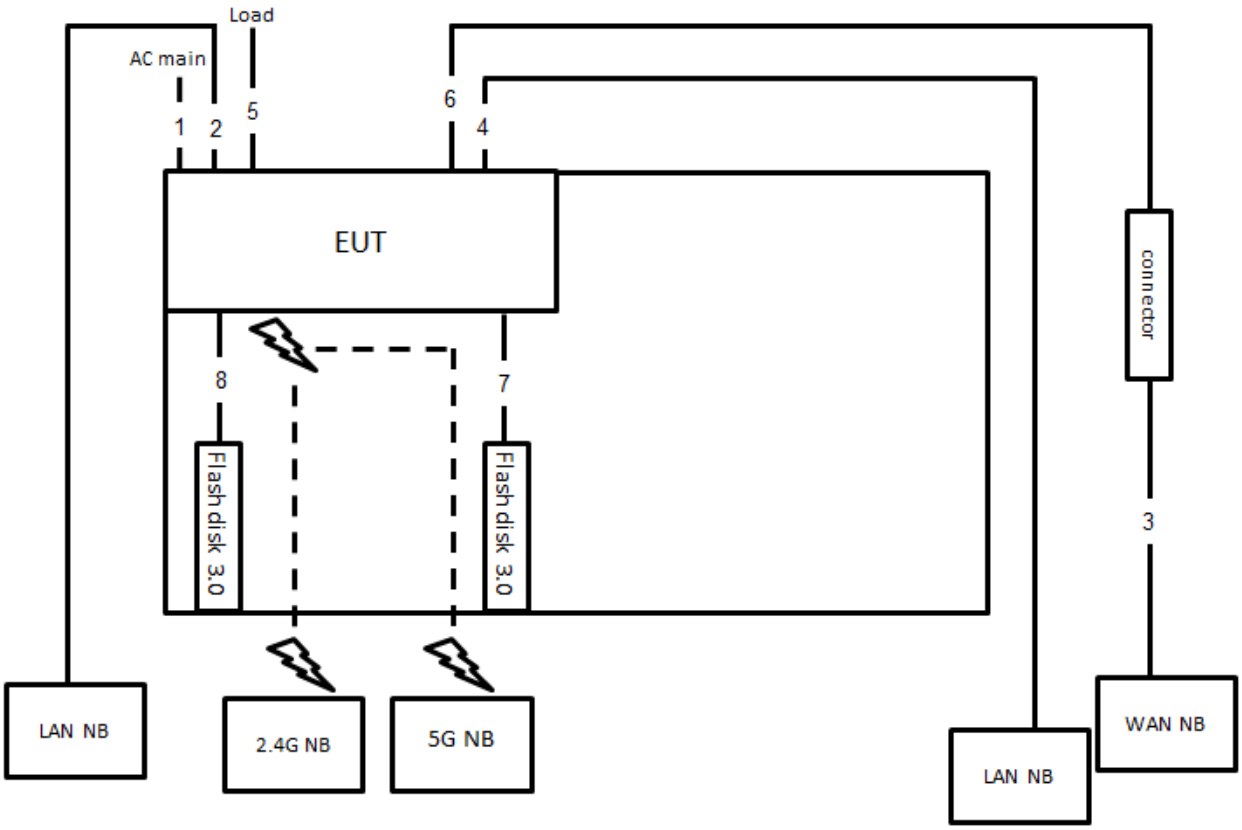
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB	DELL	E4300	DoC
2	NB	DELL	E4300	DoC
3	RX Device	AVAGO	43684MCH5	N/A

For Test Site No: TH01-CB

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB	DELL	E4300	DoC

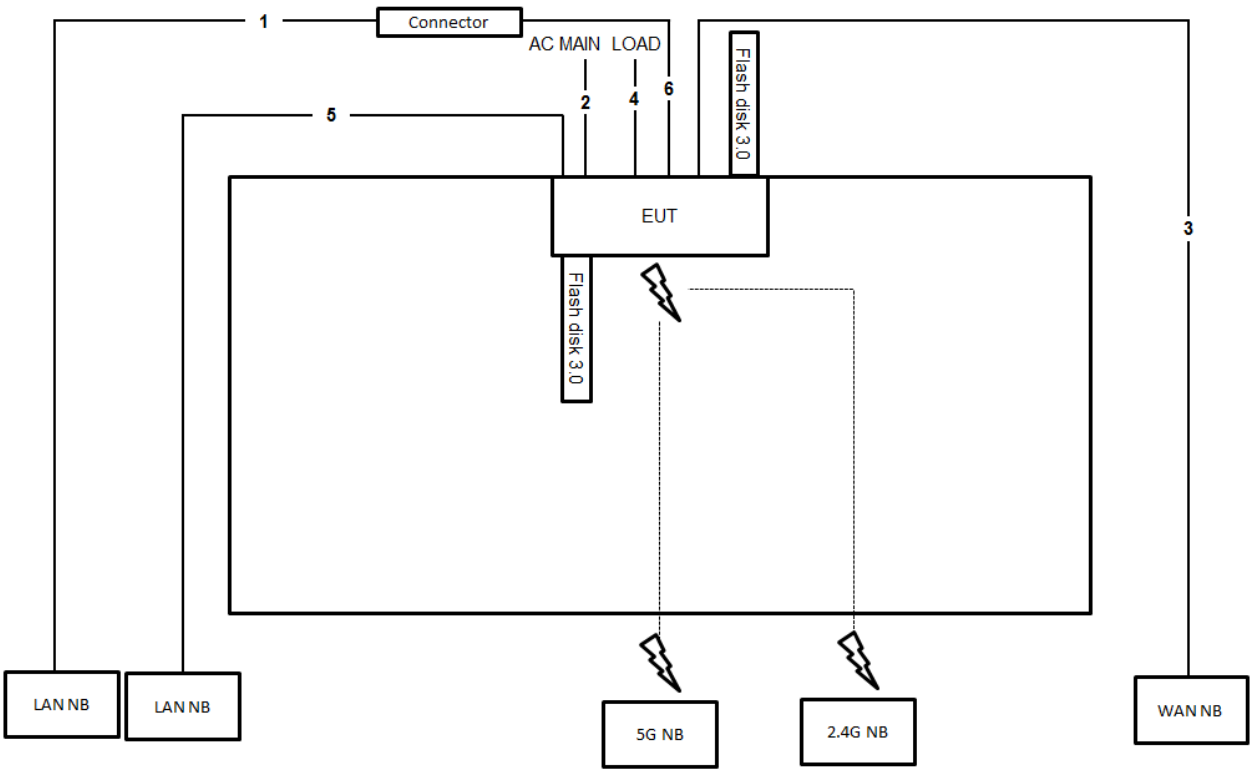
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



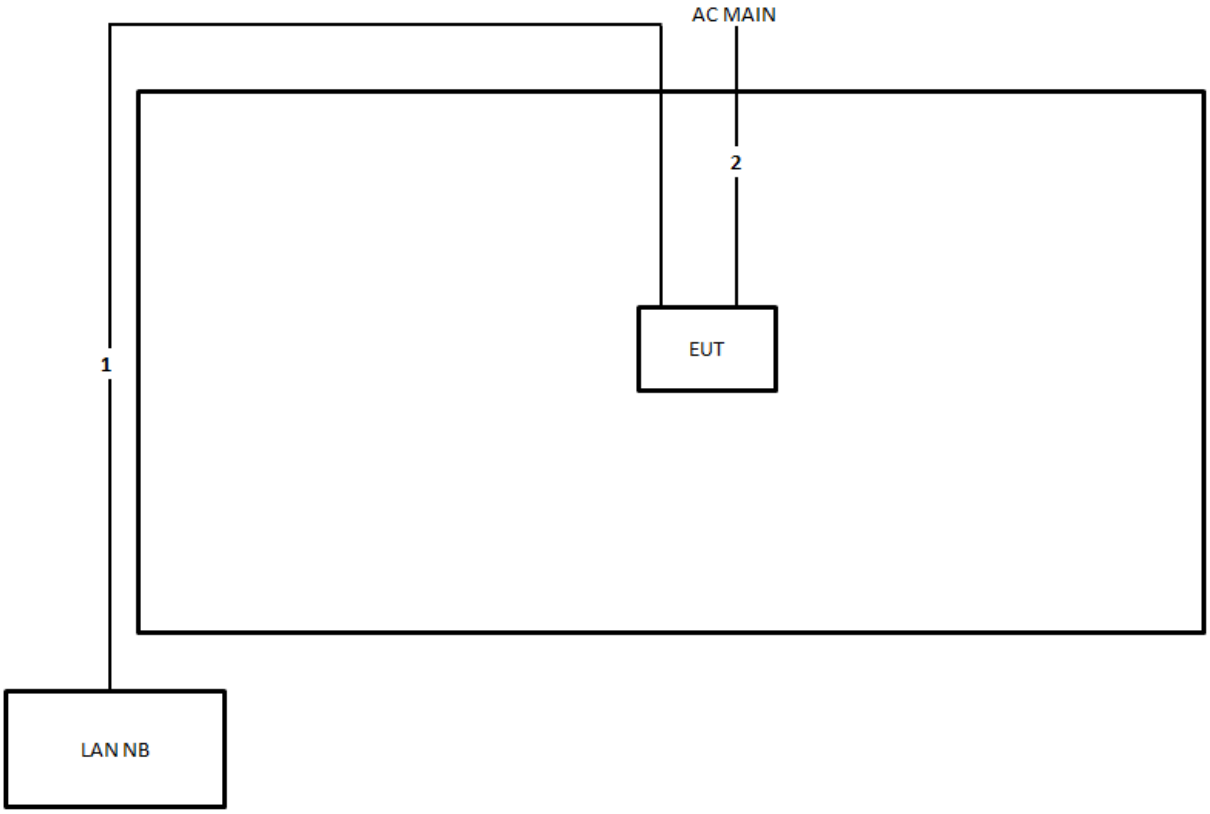
Item	Connection	Shielded	Length
1	Power cable	No	2.3m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	10m
4	RJ-45 cable	No	10m
5	RJ-45 cable*6	No	1.5m
6	RJ-45 cable	No	1.5m
7	USB cable	Yes	1.5m
8	USB cable	Yes	1.5m

Test Setup Diagram - Radiated Test < 1GHz



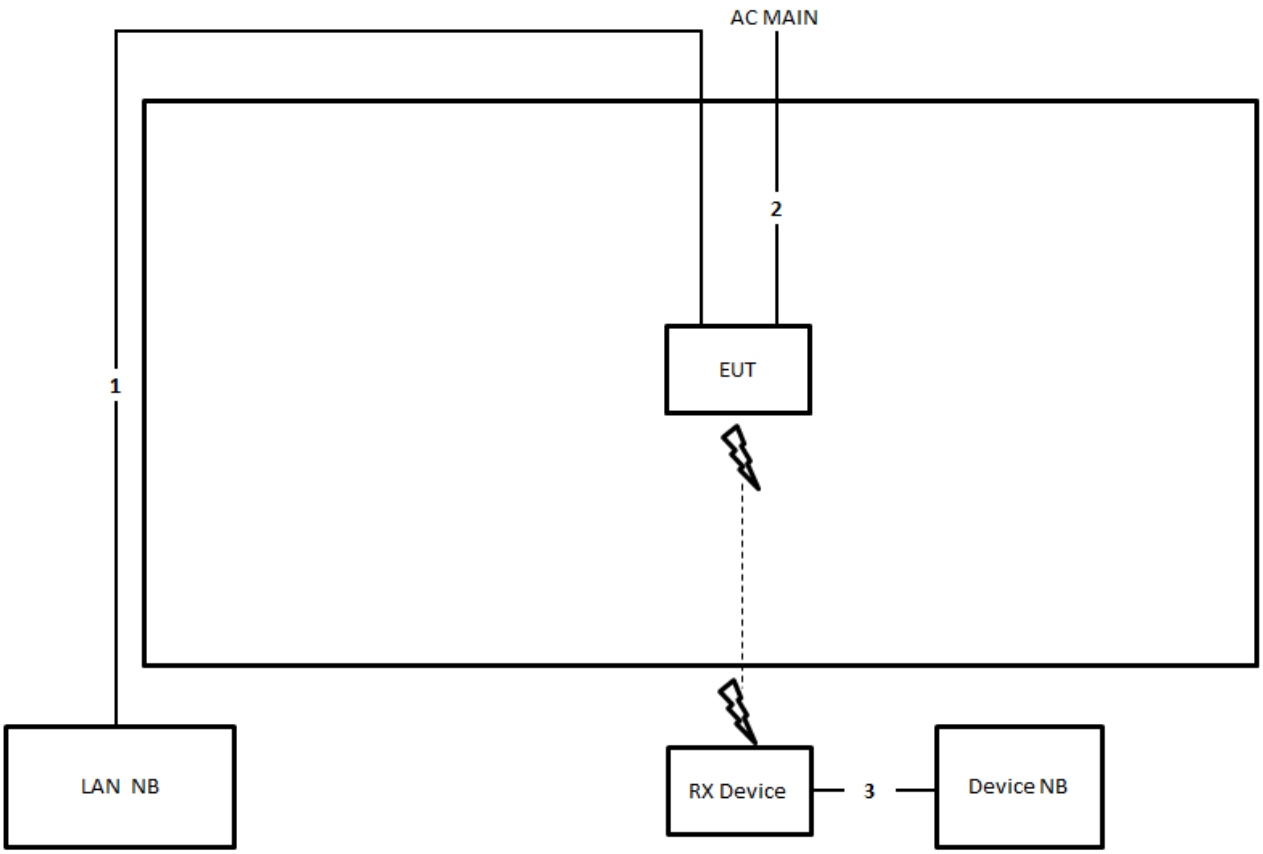
Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	2.3m
3	RJ-45 cable	No	10m
4	RJ-45 cable*5	No	1.5m
5	RJ-45 cable	No	10m
6	RJ-45 cable	No	1.5m

Test Setup Diagram - Radiated Test > 1GHz / For non-beamforming mode



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	2.3m

Test Setup Diagram - Radiated Test > 1GHz / For beamforming mode



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	2.3m
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

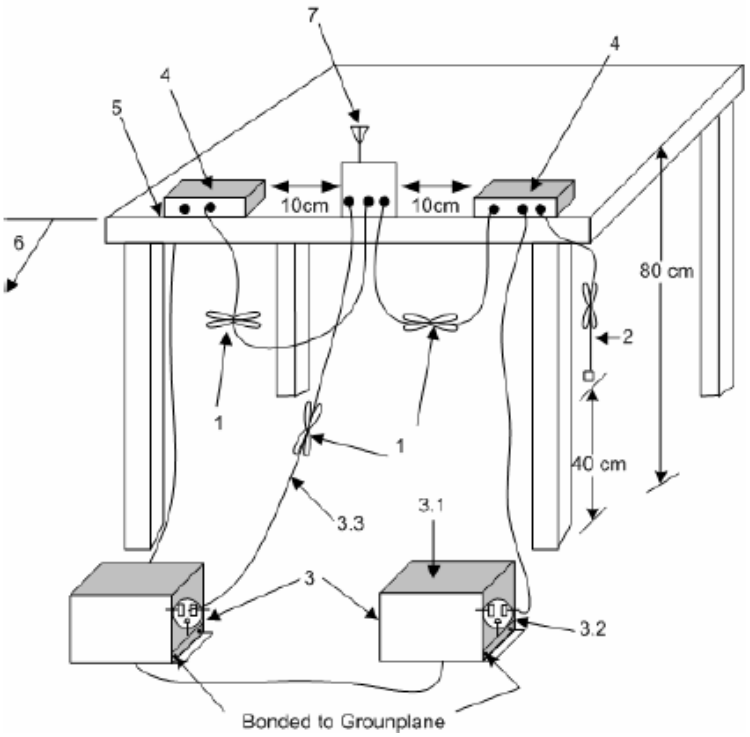
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



1—Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long.
2—The I/O cables that are not connected to an accessory shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
3—EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 50 Ω loads. LISN may be placed on top of, or immediately beneath, reference ground plane.
3.1—All other equipment powered from additional LISN(s).
3.2—A multiple-outlet strip may be used for multiple power cords of non-EUT equipment.
3.3—LISN at least 80 cm from nearest part of EUT chassis.
4—Non-EUT components of EUT system being tested.
5—Rear of EUT, including peripherals, shall all be aligned and flush with edge of tabletop.
6—Edge of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the ground plane.
7—Antenna can be integral or detachable. If detachable, then the antenna shall be attached for this test.

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

3.2.2 Measuring Instruments

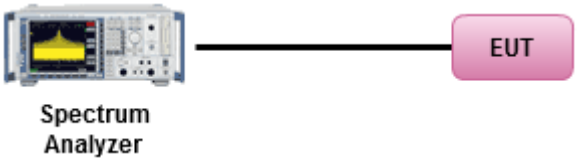
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

Test Method		
▪	For the emission bandwidth shall be measured using one of the options below:	
	☒	Refer as FCC KDB 789033, clause C for EBW and clause D for OBW measurement.
	☐	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.
	☐	Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.

3.2.4 Test Setup

Emission Bandwidth



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

3.3.2 Measuring Instruments

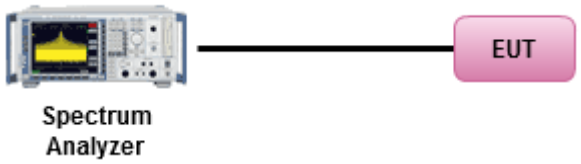
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

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

3.3.4 Test Setup

RF Output Power (Spectrum Analyzer)



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
	▪ Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 23 dBi, then P_{Out} = 17 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6)..
☐	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☐	For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☒	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the peak power spectral density (PPSD) ≤ 4 dBm/MHz and the e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz.
☐	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz and the e.i.r.p. peak power spectral density (PPSD) ≤ 17 dBm/MHz.
	▪ e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where θ is the angle above the local horizontal plane (of the Earth) as shown below: -13 dBW/MHz for 0° ≤ θ < 8° ; -13 − 0.716 (θ-8) dBW/MHz for 8° ≤ θ < 40° -35.9 − 1.22 (θ-40) dBW/MHz for 40° ≤ θ ≤ 45° ; -42 dBW/MHz for θ > 45°
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz and the e.i.r.p. peak power spectral density (PPSD) ≤ 17 dBm/MHz.
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz **G_{TX}** = the maximum transmitting antenna directional gain in dBi.	

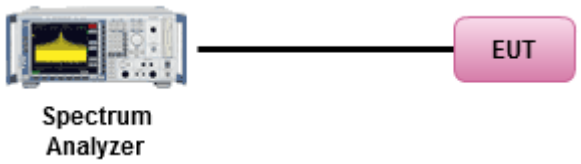
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix 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.

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.

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	Follow 15.407(b)(4)(ii), the emission limits in § 15.247(d), 30dBc in any 100 kHz bandwidth outside the operating frequency band.

Note 1: Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

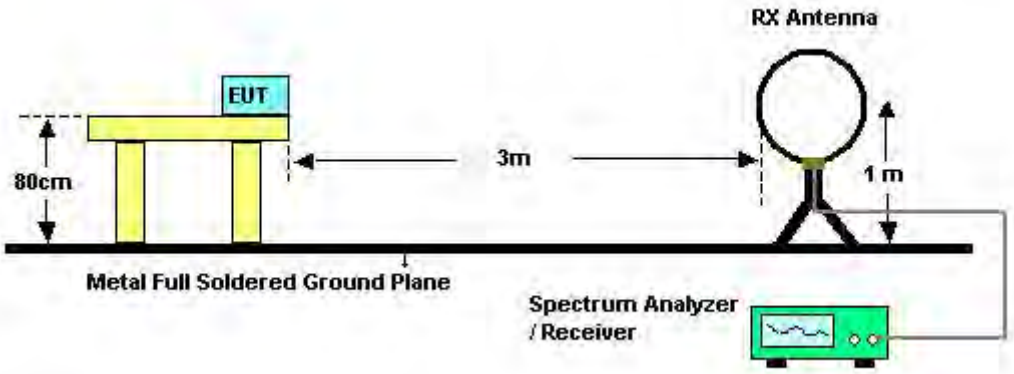
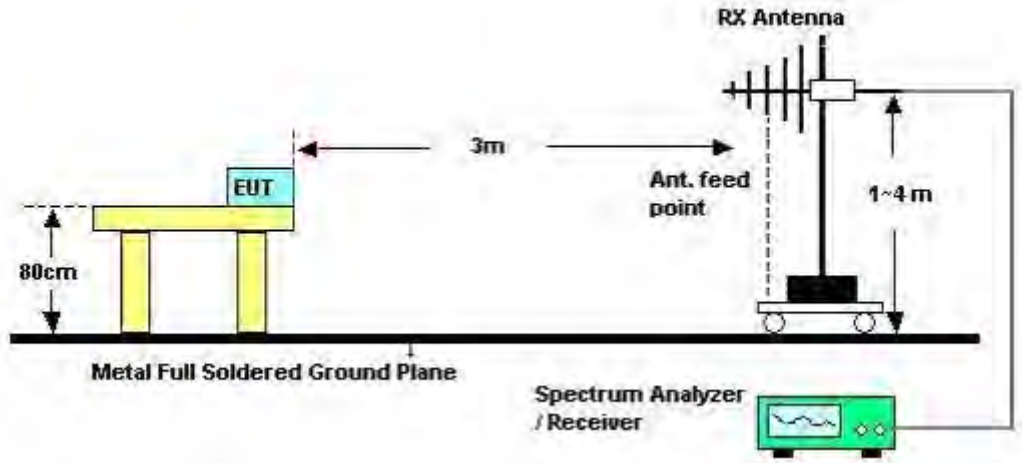
3.5.2 Measuring Instruments

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

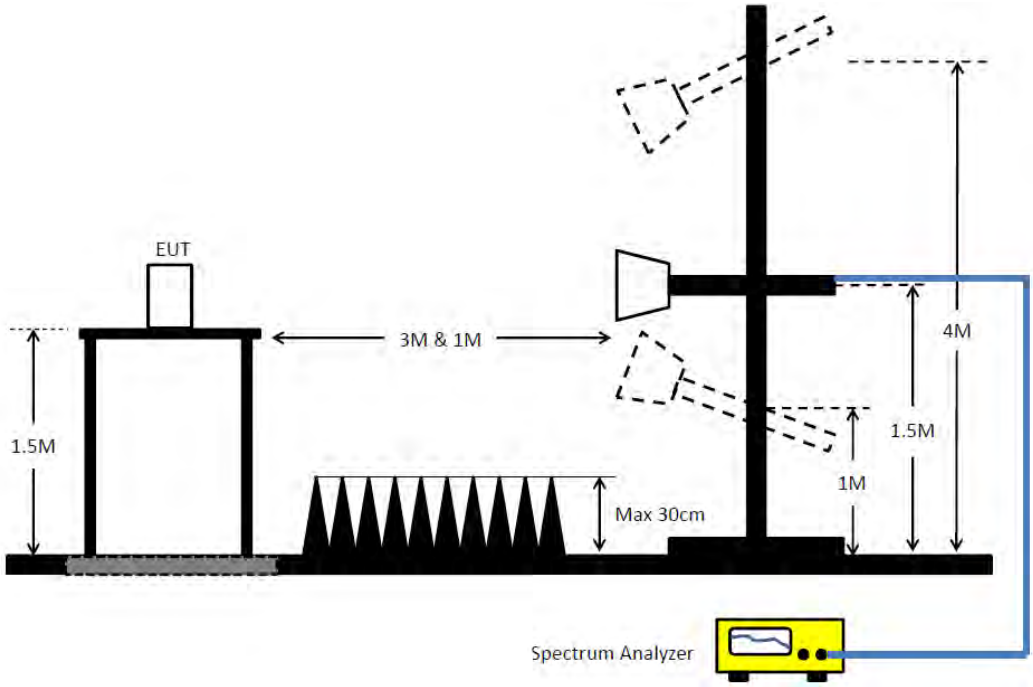
3.5.3 Test Procedures

Test Method		
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).		
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].		
▪ For the transmitter unwanted emissions shall be measured using following options below:		
	▪ Refer as FCC KDB 789033, clause H)2) for unwanted emissions into non-restricted bands.	
	▪ Refer as Clause 11.11 of ANSI C63.10-2013 and/or in Section 11.0 of KDB Publication 558074 for unwanted emissions into non-restricted bands.	
	▪ Refer as FCC KDB 789033, clause H)1) for unwanted emissions into restricted bands.	
		☐ Refer as FCC KDB 789033, H)6) Method AD (Trace Averaging).
		☒ Refer as FCC KDB 789033, H)6) Method VB (Reduced VBW).
		☐ Refer as ANSI C63.10, clause 4.2.3.2.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.
		☐ Refer as ANSI C63.10, clause 4.2.3.2.4 average value of pulsed emissions.
		☒ Refer as FCC KDB 789033, clause H)5) measurement procedure peak limit.
		☐ Refer as ANSI C63.10, clause 4.2.3.2.2 measurement procedure peak limit.
▪ For radiated measurement.		
	▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.	
	▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.	
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.	
▪ The any unwanted emissions level shall not exceed the fundamental emission level.		
▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.		

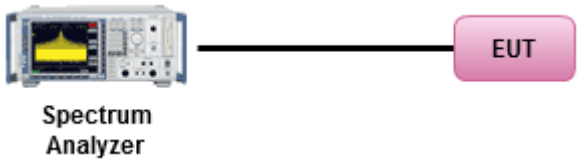
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



For CSE Non-restricted Band



3.5.5 cTransmitter 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
UNII Devices
▪ In-band emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.
LE-LAN Devices
▪ N/A
IEEE Std. 802.11
▪ The transmitter center frequency tolerance shall be ± 20 ppm maximum for the 5 GHz band and ± 25 ppm maximum for the 2.4 GHz band.

3.6.2 Measuring Instruments

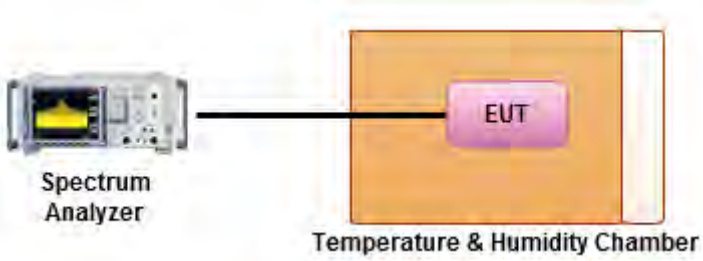
Refer a test equipment and calibration data table in this test report.

3.6.3 Test Procedures

Test Method	
▪ Refer as ANSI C63.10, clause 6.8 for frequency stability tests	
	▪ Frequency stability with respect to ambient temperature
	▪ Frequency stability when varying supply voltage
	▪ Extreme temperature is 0℃~40℃.

3.6.4 Test Setup

Frequency Stability



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	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	Jan. 17, 2018	Jan. 16, 2019	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Dec. 20, 2017	Dec. 19, 2018	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Dec. 29, 2017	Dec. 28, 2018	Conduction (CO01-CB)
COND Cable	Woken	Cable	01	150kHz ~ 30MHz	May 23, 2017	May 22, 2018	Conduction (CO01-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
BILOG ANTENNA with 6dB Attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37880 & AT-N0609	20MHz ~ 2GHz	Aug. 30, 2017	Aug. 29, 2018	Radiation (03CH01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 16, 2016*	Mar. 15, 2018*	Radiation (03CH01-CB)
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Nov. 20, 2017	Nov. 19, 2018	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 05, 2017	Jul. 04, 2018	Radiation (03CH01-CB)
Pre-Amplifier	EMCI	EMC330N	980332	20MHz ~ 3GHz	May 02, 2017	May 01, 2018	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 16, 2017	Jan. 15, 2018	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 09, 2018	Jan. 08, 2019	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 10, 2017	Jul. 09, 2018	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Nov. 23, 2017	Nov. 22, 2018	Radiation (03CH01-CB)
EMI Test	R&S	ESCS	100355	9kHz ~ 2.75GHz	May 06, 2017	May 05, 2018	Radiation (03CH01-CB)
RF Cable-low	Woken	Low Cable-16+17	N/A	30 MHz ~ 1 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16	N/A	1 GHz ~ 18 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16+17	N/A	1 GHz ~ 18 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#1	N/A	18GHz ~ 40 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#2	N/A	18GHz ~ 40 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Dec. 21, 2017	Dec. 20, 2018	Conducted (TH01-CB)

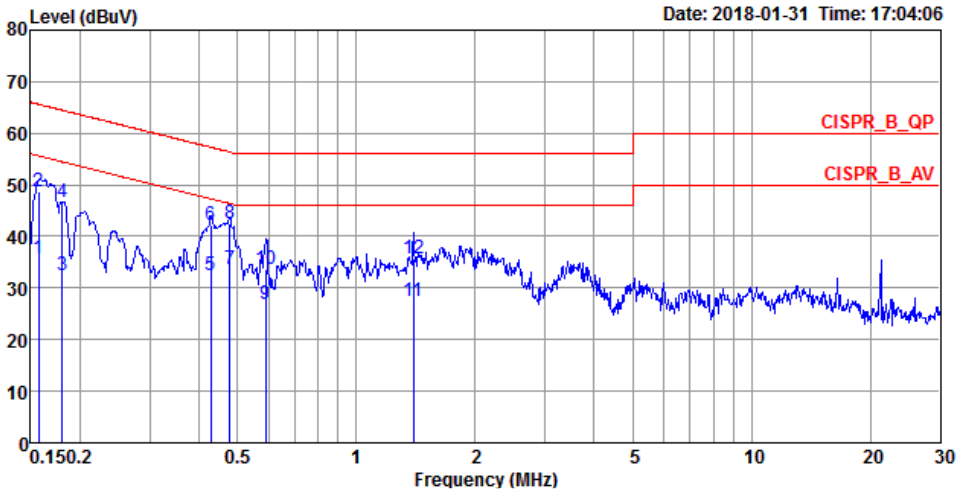
Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Temp. and Humidity Chamber	Ten Billion	TTH-D3SP	TBN-931011	-30~100 degree	Jun. 02, 2017	Jun. 01, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
Power Sensor	Agilent	U2021XA	MY53410001	50MHz~18GHz	Nov. 20, 2017	Nov. 19, 2018	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.

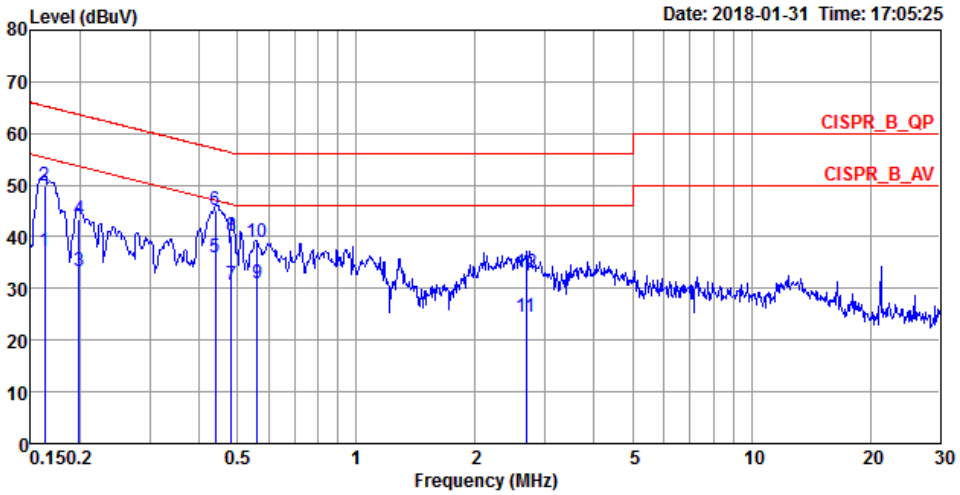
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	Normal Link		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark	Pol/Phase
	MHz	dBuV	dB	dBuV	dBuV	dB	dB		
1	0.1573	35.83	-19.77	55.60	25.58	10.10	0.15	Average	NEUTRAL
2	0.1573	48.64	-16.96	65.60	38.39	10.10	0.15	QP	NEUTRAL
3	0.1806	32.44	-22.02	54.46	22.29	10.01	0.14	Average	NEUTRAL
4	0.1806	46.58	-17.88	64.46	36.43	10.01	0.14	QP	NEUTRAL
5	0.4282	32.45	-14.84	47.29	22.18	10.25	0.02	Average	NEUTRAL
6	0.4282	42.28	-15.01	57.29	32.01	10.25	0.02	QP	NEUTRAL
7	0.4786	33.54	-12.82	46.36	23.27	10.23	0.04	Average	NEUTRAL
8	0.4786	42.40	-13.96	56.36	32.13	10.23	0.04	QP	NEUTRAL
9	0.5885	26.95	-19.05	46.00	16.67	10.20	0.08	Average	NEUTRAL
10	0.5885	33.63	-22.37	56.00	23.35	10.20	0.08	QP	NEUTRAL
11	1.3958	27.48	-18.52	46.00	17.27	10.01	0.20	Average	NEUTRAL
12	1.3958	35.71	-20.29	56.00	25.50	10.01	0.20	QP	NEUTRAL

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

AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Line
Operating Function	Normal Link		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark	Pol/Phase
	MHz	dBuV	dB	dBuV	dBuV	dB	dB		
1	0.1624	37.32	-18.02	55.34	27.17	10.00	0.15	Average	LINE
2	0.1624	49.76	-15.58	65.34	39.61	10.00	0.15	QP	LINE
3	0.1986	33.22	-20.45	53.67	23.18	9.91	0.13	Average	LINE
4	0.1986	43.29	-20.38	63.67	33.25	9.91	0.13	QP	LINE
5	0.4397	36.01	-11.06	47.07	26.03	9.95	0.03	Average	LINE
6	0.4397	45.08	-11.99	57.07	35.10	9.95	0.03	QP	LINE
7	0.4837	30.64	-15.63	46.27	20.64	9.95	0.05	Average	LINE
8	0.4837	40.12	-16.15	56.27	30.12	9.95	0.05	QP	LINE
9	0.5611	31.11	-14.89	46.00	21.09	9.95	0.07	Average	LINE
10	0.5611	39.06	-16.94	56.00	29.04	9.95	0.07	QP	LINE
11	2.6925	24.61	-21.39	46.00	14.49	9.96	0.16	Average	LINE
12	2.6925	33.00	-23.00	56.00	22.88	9.96	0.16	QP	LINE

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

For 5G B1
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.775M	16.592M	16M6D1D	21.225M	16.542M
802.11ac VHT20_Nss1,(MCS0)_4TX	21.75M	17.791M	17M8D1D	21.55M	17.716M
802.11ac VHT40_Nss1,(MCS0)_4TX	45.05M	36.282M	36M3D1D	39.55M	36.082M
802.11ac VHT80_Nss1,(MCS0)_4TX	82.1M	75.762M	75M8D1D	81.1M	75.362M
HE20_Nss1,(MCS0)_4TX	21.85M	19.04M	19M0D1D	21.475M	18.916M
HE40_Nss1,(MCS0)_4TX	46.1M	37.631M	37M6D1D	39.95M	37.481M
HE80_Nss1,(MCS0)_4TX	81.9M	77.061M	77M1D1D	81.3M	76.862M
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	22.175M	17.991M	18M0D1D	21.05M	17.566M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	40.45M	36.532M	36M5D1D	39.6M	35.882M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	80.4M	75.962M	76M0D1D	80.2M	75.262M
HE20,BF_Nss1,(MCS0)_4TX	21.775M	19.065M	19M1D1D	20.875M	18.366M
HE40,BF_Nss1,(MCS0)_4TX	40.2M	37.881M	37M9D1D	39.6M	37.131M
HE80,BF_Nss1,(MCS0)_4TX	81.2M	77.161M	77M2D1D	80.8M	76.762M
802.11ac VHT20-BF_Nss2,(MCS0)_4TX	26.625M	17.791M	17M8D1D	21.425M	17.691M
802.11ac VHT40-BF_Nss2,(MCS0)_4TX	43.8M	37.681M	37M7D1D	39.4M	36.032M
802.11ac VHT80-BF_Nss2,(MCS0)_4TX	81.2M	75.862M	75M9D1D	80M	75.562M
HE20,BF_Nss2,(MCS0)_4TX	24.8M	19.04M	19M0D1D	21.3M	18.941M
HE40,BF_Nss2,(MCS0)_4TX	44.65M	37.631M	37M6D1D	39.75M	37.531M
HE80,BF_Nss2,(MCS0)_4TX	81.2M	76.962M	77M0D1D	80.6M	76.662M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth;

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.45M	16.567M	21.575M	16.567M	21.3M	16.592M	21.4M	16.542M
5200MHz	Pass	Inf	21.375M	16.567M	21.6M	16.567M	21.775M	16.567M	21.6M	16.592M
5240MHz	Pass	Inf	21.375M	16.592M	21.225M	16.567M	21.575M	16.592M	21.5M	16.542M
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.575M	17.716M	21.675M	17.716M	21.6M	17.766M	21.7M	17.741M
5200MHz	Pass	Inf	21.625M	17.716M	21.625M	17.741M	21.6M	17.741M	21.75M	17.716M
5240MHz	Pass	Inf	21.55M	17.766M	21.675M	17.716M	21.7M	17.791M	21.725M	17.716M
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	39.95M	36.282M	39.55M	36.132M	39.95M	36.232M	40.2M	36.232M
5230MHz	Pass	Inf	40.15M	36.282M	39.6M	36.082M	45.05M	36.282M	40.25M	36.232M
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.1M	75.662M	81.2M	75.362M	81.3M	75.562M	82.1M	75.762M
HE20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.75M	18.966M	21.725M	18.966M	21.85M	18.966M	21.725M	18.916M
5200MHz	Pass	Inf	21.5M	18.966M	21.575M	19.04M	21.675M	18.966M	21.7M	18.941M
5240MHz	Pass	Inf	21.5M	18.966M	21.475M	18.966M	21.575M	18.991M	21.75M	18.941M
HE40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40M	37.531M	39.95M	37.631M	40M	37.481M	39.95M	37.531M
5230MHz	Pass	Inf	41.2M	37.581M	40M	37.481M	46.1M	37.631M	40.4M	37.631M
HE80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.4M	76.962M	81.3M	76.962M	81.9M	77.061M	81.6M	76.862M
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.65M	17.616M	21.05M	17.566M	21.375M	17.991M	21.75M	17.666M
5200MHz	Pass	Inf	21.45M	17.741M	21.125M	17.741M	21.2M	17.766M	21.55M	17.716M
5240MHz	Pass	Inf	21.325M	17.641M	21.425M	17.841M	22.175M	17.641M	21.75M	17.916M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40M	36.282M	39.7M	36.132M	39.6M	36.232M	40.45M	36.132M
5230MHz	Pass	Inf	39.65M	35.882M	40.1M	36.532M	40.05M	35.882M	39.9M	36.532M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	80.4M	75.662M	80.4M	75.662M	80.4M	75.962M	80.2M	75.262M
HE20,BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.575M	18.866M	21.5M	19.065M	20.975M	18.966M	21.45M	19.015M
5200MHz	Pass	Inf	21.775M	18.966M	21.3M	18.916M	21.7M	18.966M	21.475M	18.841M
5240MHz	Pass	Inf	21.425M	18.966M	20.875M	18.891M	21.225M	18.366M	21.575M	19.065M
HE40,BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.2M	37.531M	39.9M	37.181M	39.6M	37.681M	39.8M	37.331M
5230MHz	Pass	Inf	39.8M	37.281M	39.7M	37.881M	39.9M	37.131M	40.1M	37.881M
HE80,BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	80.8M	77.061M	81.2M	76.962M	80.9M	77.161M	81.2M	76.762M
802.11ac VHT20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.875M	17.741M	21.8M	17.716M	21.6M	17.766M	21.425M	17.741M
5200MHz	Pass	Inf	21.575M	17.716M	22.1M	17.716M	26.625M	17.691M	21.775M	17.716M
5240MHz	Pass	Inf	22.6M	17.691M	22.1M	17.741M	22.725M	17.791M	22.525M	17.791M

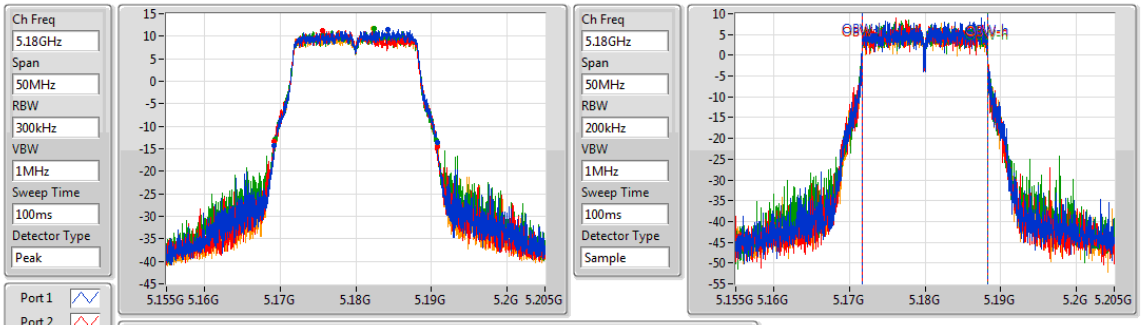
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ac VHT40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	39.75M	36.282M	39.65M	36.232M	39.4M	36.032M	39.85M	36.232M
5230MHz	Pass	Inf	40.2M	37.631M	42M	37.631M	43.8M	37.681M	40.6M	37.581M
802.11ac VHT80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	80M	75.762M	80.2M	75.562M	81.2M	75.862M	80.6M	75.662M
HE20,BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.475M	18.966M	21.425M	19.04M	21.3M	19.015M	21.45M	18.941M
5200MHz	Pass	Inf	22.25M	19.015M	22.825M	18.941M	22.675M	18.941M	23.475M	19.04M
5240MHz	Pass	Inf	21.925M	18.941M	24.8M	18.941M	23.625M	18.941M	21.625M	18.991M
HE40,BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.2M	37.631M	39.95M	37.581M	39.75M	37.531M	40.3M	37.631M
5230MHz	Pass	Inf	40M	37.631M	42.55M	37.631M	44.65M	37.581M	40M	37.581M
HE80,BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	80.6M	76.962M	81.2M	76.862M	80.7M	76.662M	80.6M	76.762M

Port X-N dB = Port **X** 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port **X** 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_4TX **EBW**

5180MHz

12/01/2018

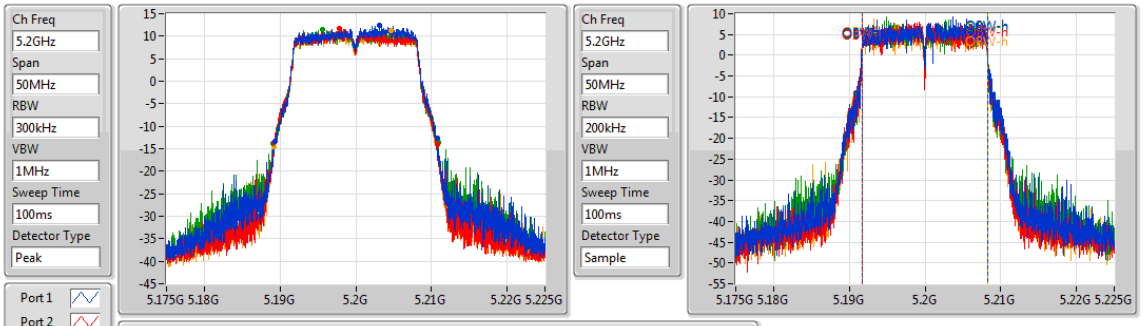


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	5.169275G	5.190725G	16.567M	5.171679G	5.188246G	Inf	1
21.575M	5.169225G	5.1908G	16.567M	5.171679G	5.188246G	Inf	2
21.3M	5.169325G	5.190625G	16.592M	5.171679G	5.188271G	Inf	3
21.4M	5.16935G	5.19075G	16.542M	5.171679G	5.188221G	Inf	4

802.11a_Nss1,(6Mbps)_4TX **EBW**

5200MHz

12/01/2018

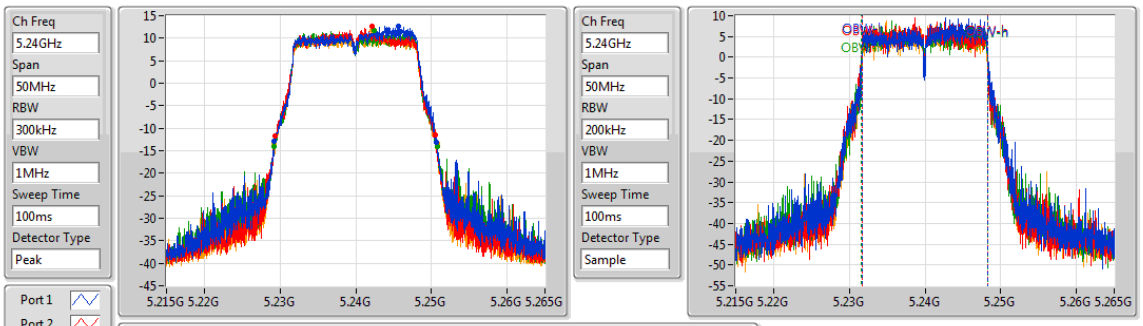


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.375M	5.1894G	5.210775G	16.567M	5.191704G	5.208271G	Inf	1
21.6M	5.189175G	5.210775G	16.567M	5.191679G	5.208246G	Inf	2
21.775M	5.1891G	5.210875G	16.567M	5.191679G	5.208246G	Inf	3
21.6M	5.1892G	5.2108G	16.592M	5.191679G	5.208271G	Inf	4

802.11a_Nss1,(6Mbps)_4TX **EBW**

5240MHz

12/01/2018



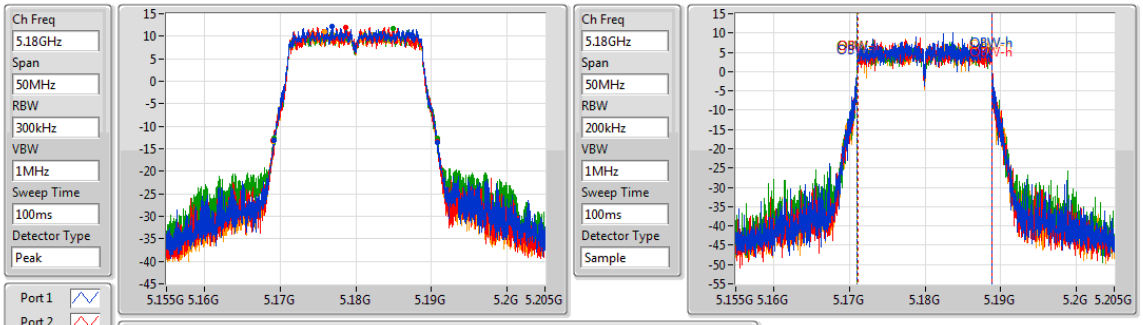
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.375M	5.229275G	5.25065G	16.592M	5.231704G	5.248296G	Inf	1
21.225M	5.22935G	5.250575G	16.567M	5.231654G	5.248221G	Inf	2
21.575M	5.22915G	5.250725G	16.592M	5.231629G	5.248221G	Inf	3
21.5M	5.229225G	5.250725G	16.542M	5.231679G	5.248221G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5180MHz

12/01/2018



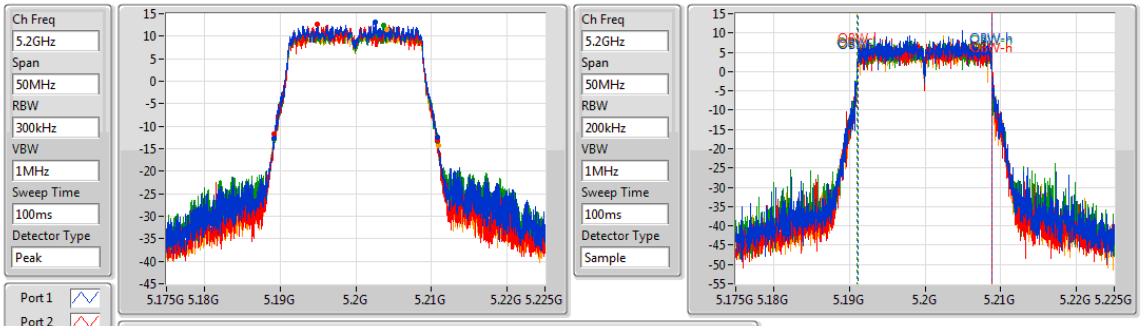
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.575M	5.16925G	5.190825G	17.716M	5.171079G	5.188796G	Inf	1
21.675M	5.169125G	5.1908G	17.716M	5.171104G	5.188821G	Inf	2
21.6M	5.1692G	5.1908G	17.766M	5.171079G	5.188846G	Inf	3
21.7M	5.1691G	5.1908G	17.741M	5.171079G	5.188821G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5200MHz

12/01/2018



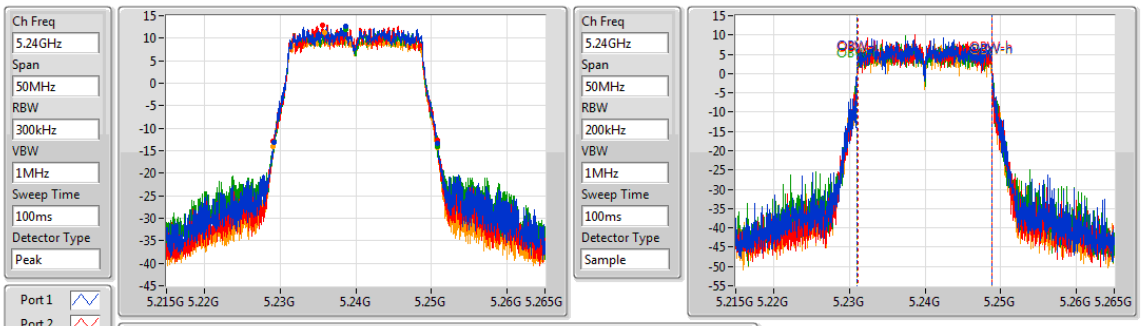
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.625M	5.18915G	5.210775G	17.716M	5.191104G	5.208821G	Inf	1
21.625M	5.1892G	5.210825G	17.741M	5.191104G	5.208846G	Inf	2
21.6M	5.18915G	5.21075G	17.741M	5.191079G	5.208821G	Inf	3
21.75M	5.189175G	5.210925G	17.716M	5.191129G	5.208846G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5240MHz

12/01/2018



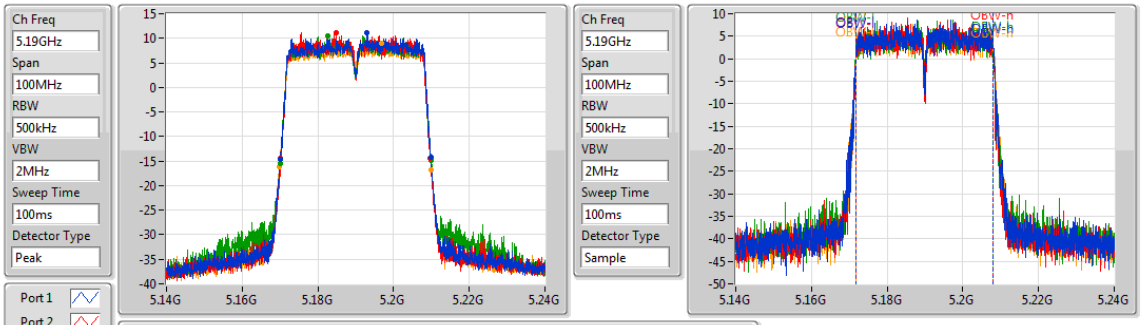
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.55M	5.22925G	5.2508G	17.766M	5.231079G	5.248846G	Inf	1
21.675M	5.229125G	5.2508G	17.716M	5.231104G	5.248821G	Inf	2
21.7M	5.22915G	5.25085G	17.791M	5.231054G	5.248846G	Inf	3
21.725M	5.22905G	5.250775G	17.716M	5.231079G	5.248796G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

5190MHz

12/01/2018



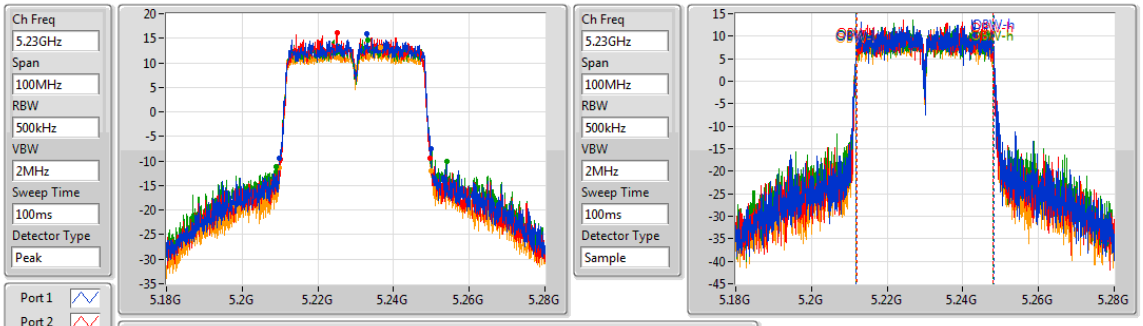
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.95M	5.16995G	5.2099G	36.282M	5.171809G	5.208091G	Inf	1
39.55M	5.1702G	5.20975G	36.132M	5.171859G	5.207991G	Inf	2
39.95M	5.1701G	5.21005G	36.232M	5.171809G	5.208041G	Inf	3
40.2M	5.1698G	5.21G	36.232M	5.171859G	5.208091G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

5230MHz

12/01/2018



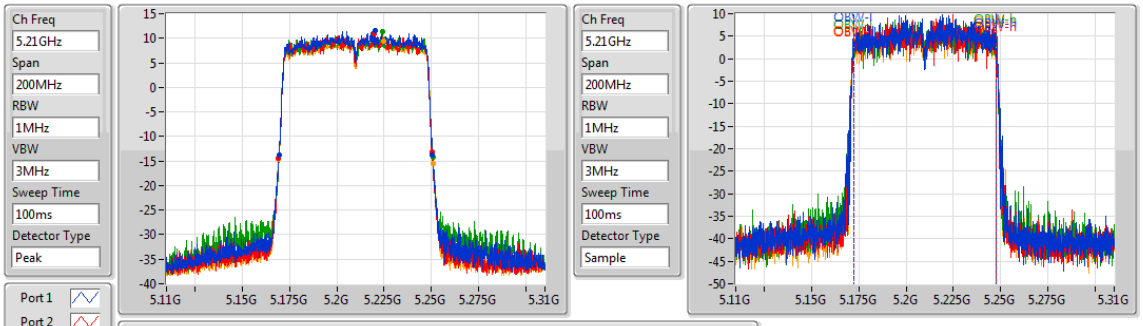
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.15M	5.20985G	5.25G	36.282M	5.211859G	5.248141G	Inf	1
39.6M	5.21015G	5.24975G	36.082M	5.211909G	5.247991G	Inf	2
45.05M	5.20895G	5.254G	36.282M	5.211809G	5.248091G	Inf	3
40.25M	5.2098G	5.25005G	36.232M	5.211809G	5.248041G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX

EBW

5210MHz

12/01/2018

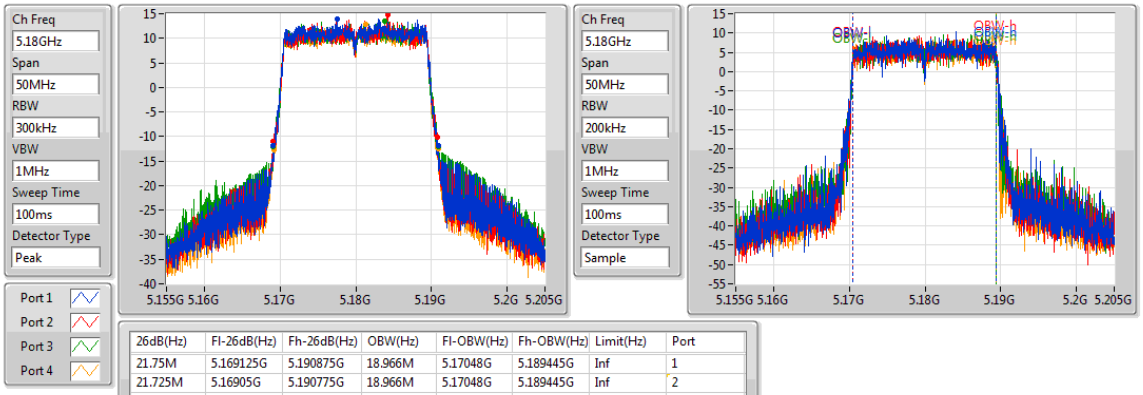


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.1M	5.1695G	5.2506G	75.662M	5.172119G	5.247781G	Inf	1
81.2M	5.1693G	5.2505G	75.362M	5.172319G	5.247681G	Inf	2
81.3M	5.1695G	5.2508G	75.562M	5.172119G	5.247681G	Inf	3
82.1M	5.1691G	5.2512G	75.762M	5.172119G	5.247881G	Inf	4

HE20_Nss1,(MCS0)_4TX **EBW**

5180MHz

12/01/2018

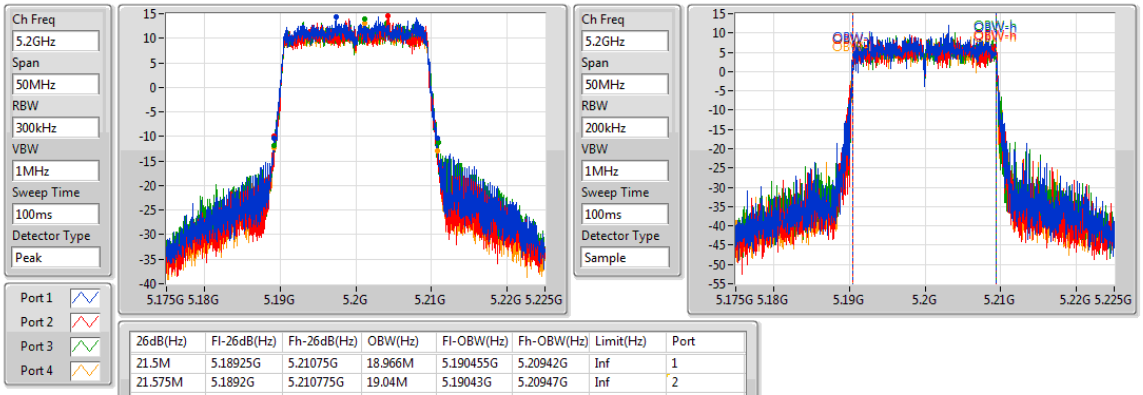


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.75M	5.169125G	5.190875G	18.966M	5.17048G	5.189445G	Inf	1
21.725M	5.16905G	5.190775G	18.966M	5.17048G	5.189445G	Inf	2
21.85M	5.169125G	5.190975G	18.966M	5.17048G	5.189445G	Inf	3
21.725M	5.16915G	5.190875G	18.916M	5.170505G	5.18942G	Inf	4

HE20_Nss1,(MCS0)_4TX **EBW**

5200MHz

12/01/2018

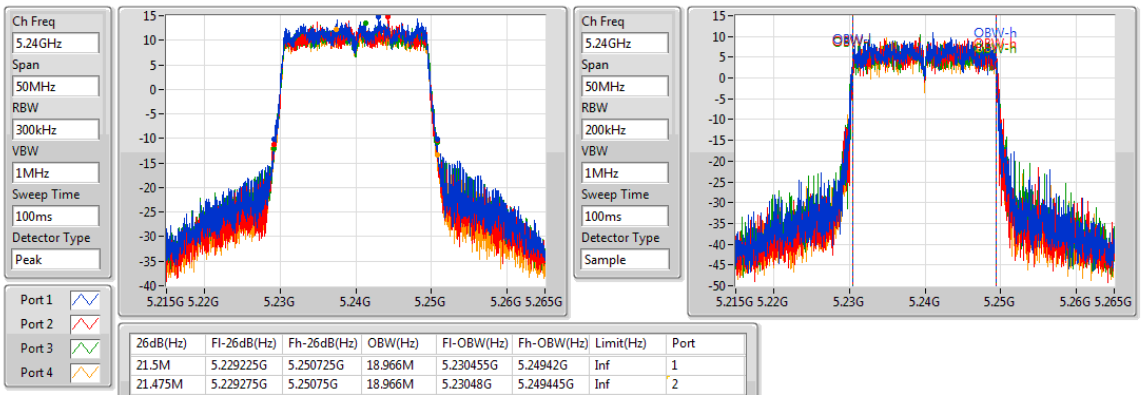


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.5M	5.18925G	5.21075G	18.966M	5.190455G	5.20942G	Inf	1
21.575M	5.1892G	5.210775G	19.04M	5.19043G	5.20947G	Inf	2
21.675M	5.189225G	5.2109G	18.966M	5.19048G	5.209445G	Inf	3
21.7M	5.18915G	5.21085G	18.941M	5.19048G	5.20942G	Inf	4

HE20_Nss1,(MCS0)_4TX **EBW**

5240MHz

12/01/2018

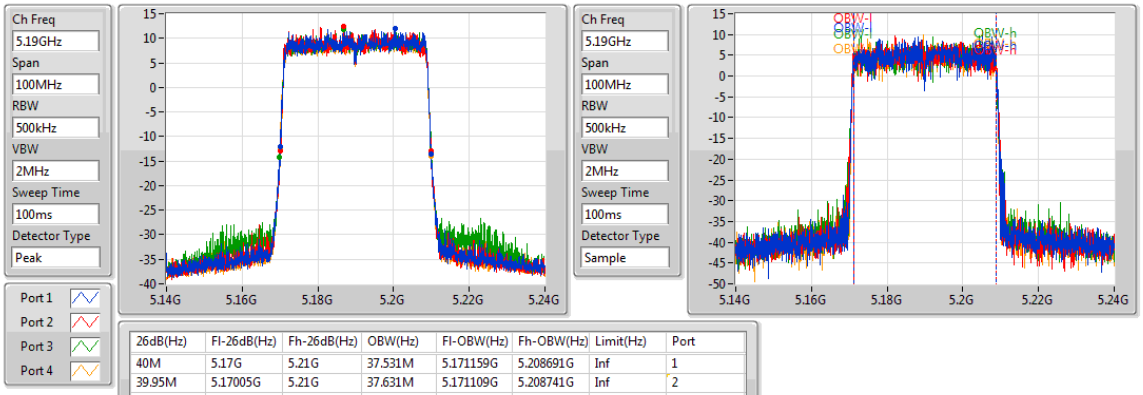


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.5M	5.229225G	5.250725G	18.966M	5.230455G	5.24942G	Inf	1
21.475M	5.229275G	5.25075G	18.966M	5.23048G	5.249445G	Inf	2
21.575M	5.229225G	5.2508G	18.991M	5.230455G	5.249445G	Inf	3
21.75M	5.2291G	5.25085G	18.941M	5.230455G	5.249395G	Inf	4

HE40_Nss1,(MCS0)_4TX **EBW**

5190MHz

12/01/2018

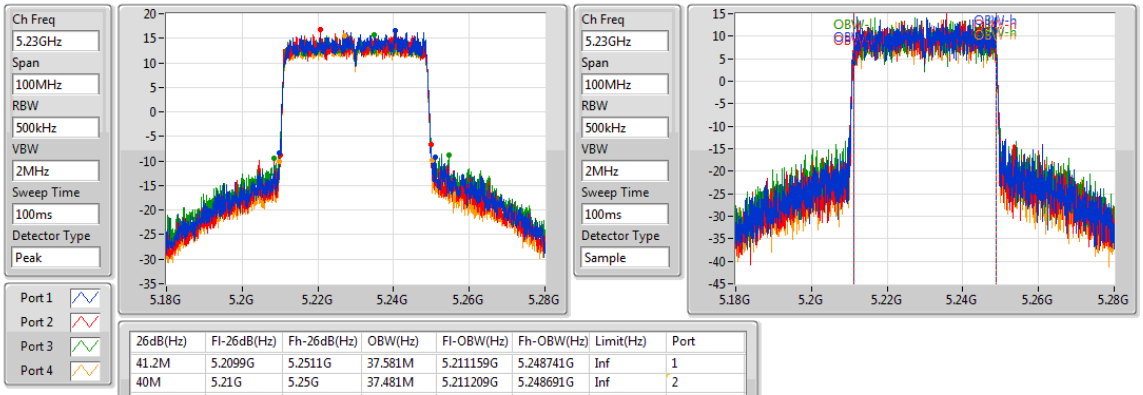


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40M	5.17G	5.21G	37.531M	5.171159G	5.208691G	Inf	1
39.95M	5.17005G	5.21G	37.631M	5.171109G	5.208741G	Inf	2
40M	5.1699G	5.2099G	37.481M	5.171209G	5.208691G	Inf	3
39.95M	5.17005G	5.21G	37.531M	5.171209G	5.208741G	Inf	4

HE40_Nss1,(MCS0)_4TX **EBW**

5230MHz

12/01/2018

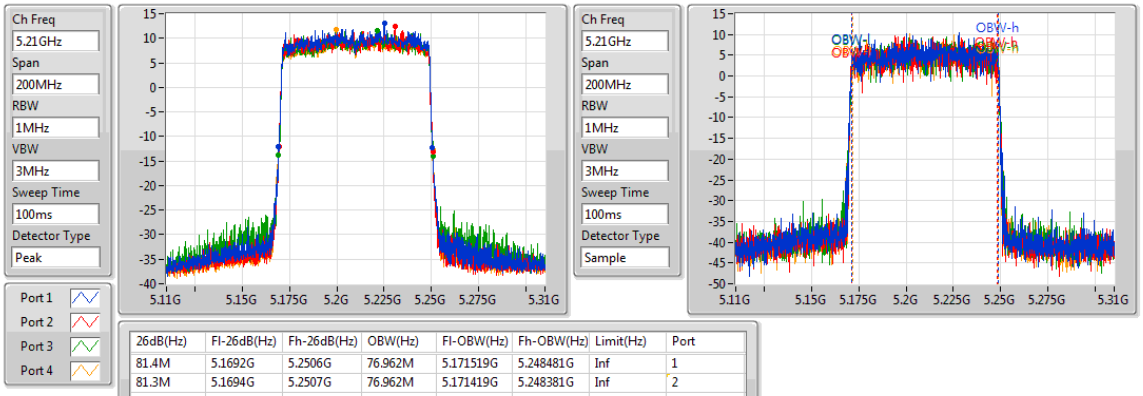


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.2M	5.2099G	5.2511G	37.581M	5.211159G	5.248741G	Inf	1
40M	5.21G	5.25G	37.481M	5.211209G	5.248691G	Inf	2
46.1M	5.20845G	5.25455G	37.631M	5.211109G	5.248741G	Inf	3
40.4M	5.2097G	5.2501G	37.631M	5.211109G	5.248741G	Inf	4

HE80_Nss1,(MCS0)_4TX **EBW**

5210MHz

12/01/2018



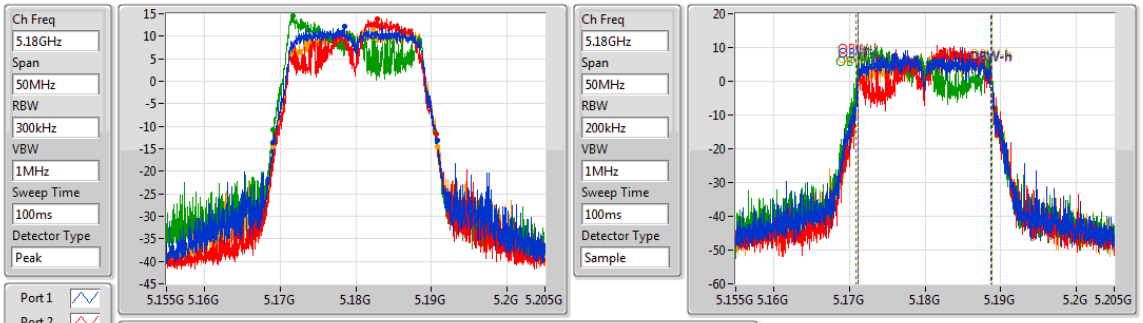
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.4M	5.1692G	5.2506G	76.962M	5.171519G	5.248481G	Inf	1
81.3M	5.1694G	5.2507G	76.962M	5.171419G	5.248381G	Inf	2
81.9M	5.1692G	5.2511G	77.061M	5.171419G	5.248481G	Inf	3
81.6M	5.1691G	5.2507G	76.862M	5.171619G	5.248481G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5180MHz

25/01/2018



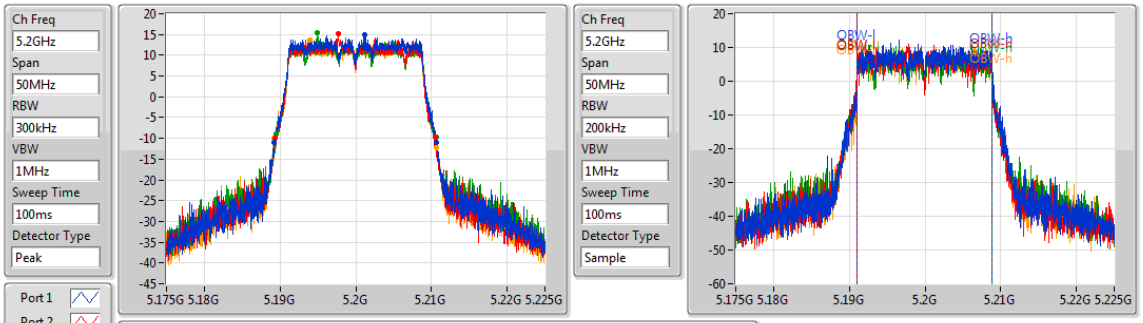
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.65M	5.169125G	5.190775G	17.616M	5.171154G	5.188771G	Inf	1
21.05M	5.1696G	5.19065G	17.566M	5.171179G	5.188746G	Inf	2
21.375M	5.169125G	5.1905G	17.991M	5.170855G	5.188846G	Inf	3
21.75M	5.1691G	5.19085G	17.666M	5.171154G	5.188821G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5200MHz

25/01/2018



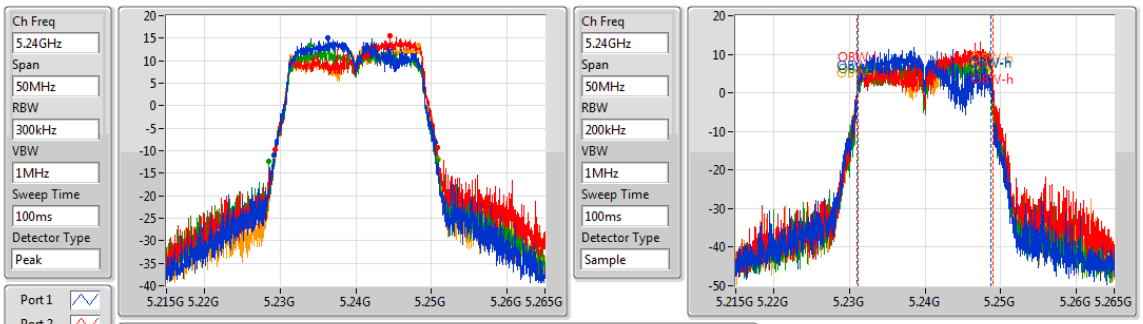
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	5.18925G	5.2107G	17.741M	5.191079G	5.208821G	Inf	1
21.125M	5.1894G	5.210525G	17.741M	5.191054G	5.208796G	Inf	2
21.2M	5.18945G	5.21065G	17.766M	5.191054G	5.208821G	Inf	3
21.55M	5.18915G	5.2107G	17.716M	5.191079G	5.208796G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5240MHz

25/01/2018

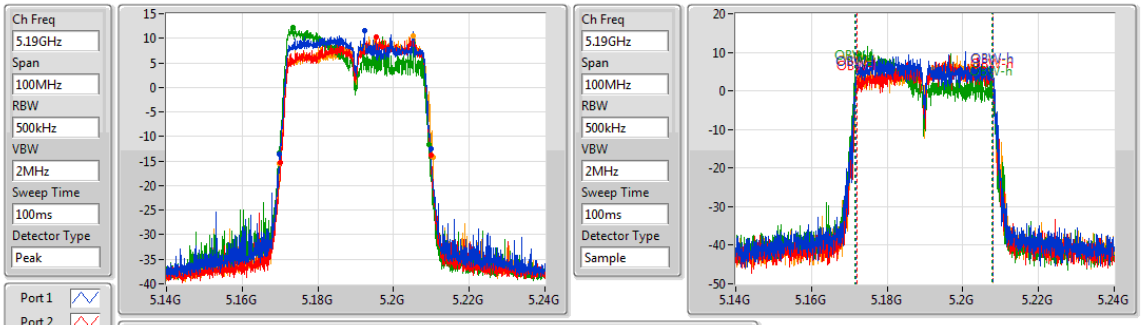


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.325M	5.229175G	5.2505G	17.641M	5.231079G	5.248721G	Inf	1
21.425M	5.22935G	5.250775G	17.841M	5.231104G	5.248946G	Inf	2
22.175M	5.228575G	5.25075G	17.641M	5.231129G	5.248771G	Inf	3
21.75M	5.2292G	5.25095G	17.916M	5.231004G	5.248921G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **EBW**

5190MHz

25/01/2018

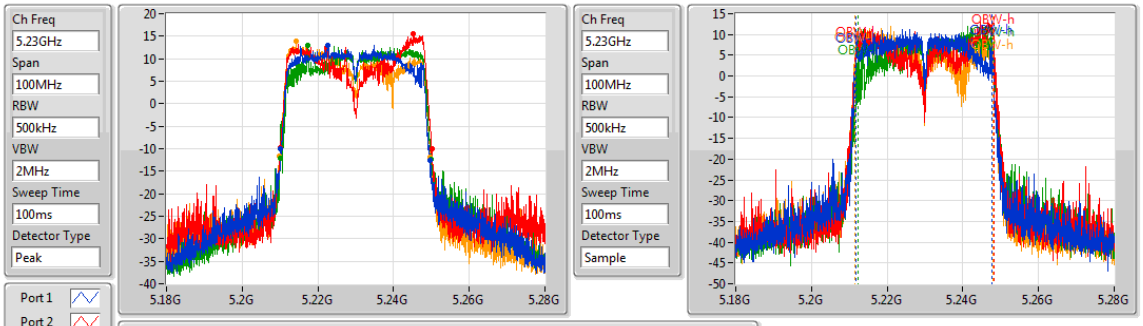


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40M	5.16985G	5.20985G	36.282M	5.171759G	5.208041G	Inf	1
39.7M	5.17015G	5.20985G	36.132M	5.171959G	5.208091G	Inf	2
39.6M	5.16985G	5.20945G	36.232M	5.171459G	5.207691G	Inf	3
40.45M	5.1699G	5.21035G	36.132M	5.171909G	5.208041G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **EBW**

5230MHz

25/01/2018

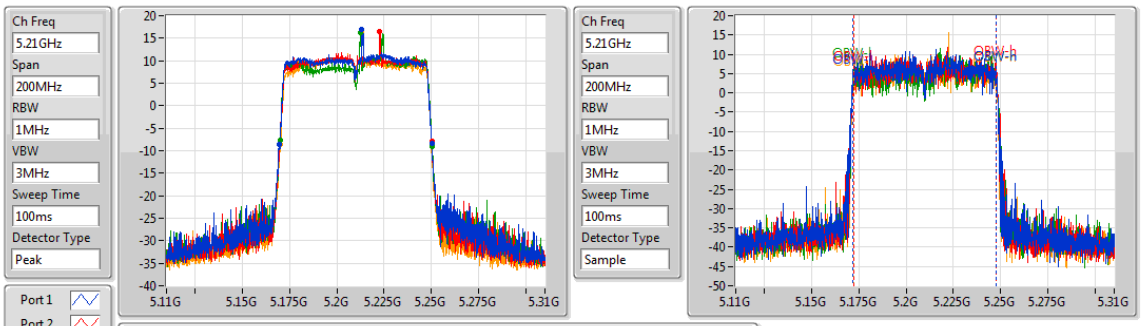


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.65M	5.21005G	5.2497G	35.882M	5.211859G	5.247741G	Inf	1
40.1M	5.21005G	5.25015G	36.532M	5.211709G	5.248241G	Inf	2
40.05M	5.20995G	5.25G	35.882M	5.212259G	5.248141G	Inf	3
39.9M	5.20985G	5.24975G	36.532M	5.211559G	5.248091G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX **EBW**

5210MHz

25/01/2018

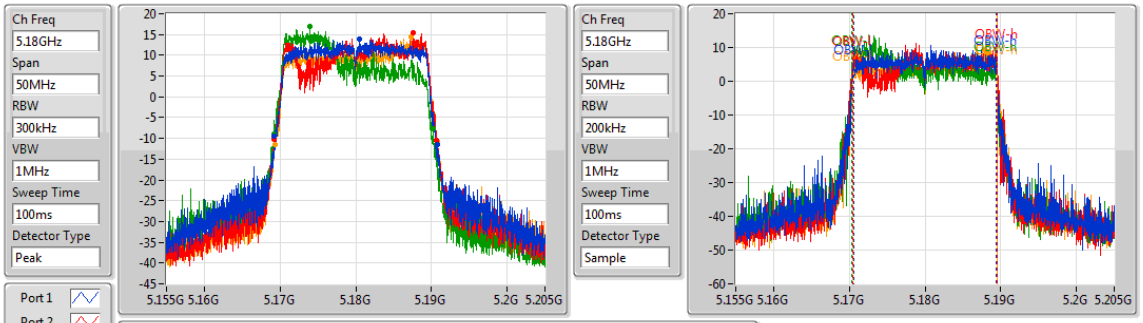


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.4M	5.1698G	5.2502G	75.662M	5.172019G	5.247681G	Inf	1
80.4M	5.1698G	5.2502G	75.662M	5.172219G	5.247881G	Inf	2
80.4M	5.1699G	5.2503G	75.962M	5.171919G	5.247881G	Inf	3
80.2M	5.17G	5.2502G	75.262M	5.172319G	5.247581G	Inf	4

HE20,BF_Nss1,(MCS0)_4TX **EBW**

5180MHz

25/01/2018

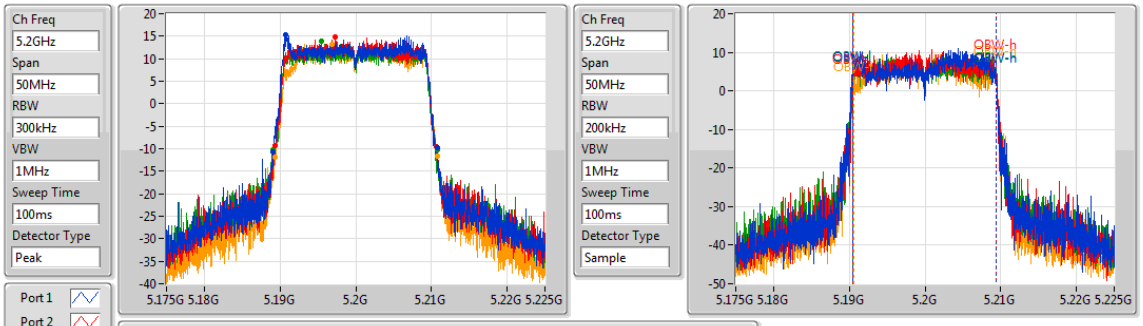


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.575M	5.1692G	5.190775G	18.866M	5.17053G	5.189395G	Inf	1
21.5M	5.1692G	5.1907G	19.065M	5.17043G	5.189495G	Inf	2
20.975M	5.1692G	5.190175G	18.966M	5.17038G	5.189345G	Inf	3
21.45M	5.169325G	5.190775G	19.015M	5.17048G	5.189495G	Inf	4

HE20,BF_Nss1,(MCS0)_4TX **EBW**

5200MHz

25/01/2018

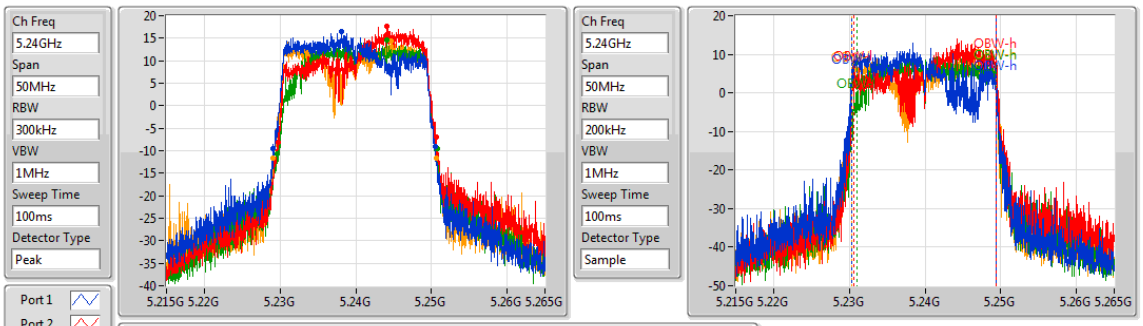


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.775M	5.189G	5.210775G	18.966M	5.190405G	5.20937G	Inf	1
21.3M	5.189375G	5.210675G	18.916M	5.190505G	5.20942G	Inf	2
21.7M	5.189075G	5.210775G	18.966M	5.190455G	5.20942G	Inf	3
21.475M	5.1893G	5.210775G	18.841M	5.190605G	5.209445G	Inf	4

HE20,BF_Nss1,(MCS0)_4TX **EBW**

5240MHz

25/01/2018

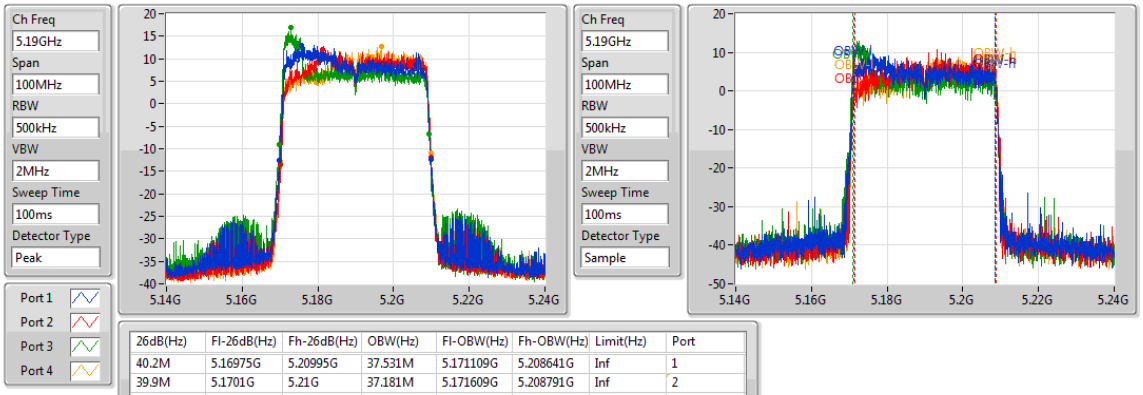


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.425M	5.22905G	5.250475G	18.966M	5.23038G	5.249345G	Inf	1
20.875M	5.229725G	5.2506G	18.891M	5.23058G	5.24947G	Inf	2
21.225M	5.229575G	5.2508G	18.366M	5.231054G	5.24942G	Inf	3
21.575M	5.229125G	5.2507G	19.065M	5.23038G	5.249445G	Inf	4

HE40,BF_Nss1,(MCS0)_4TX **EBW**

5190MHz

25/01/2018

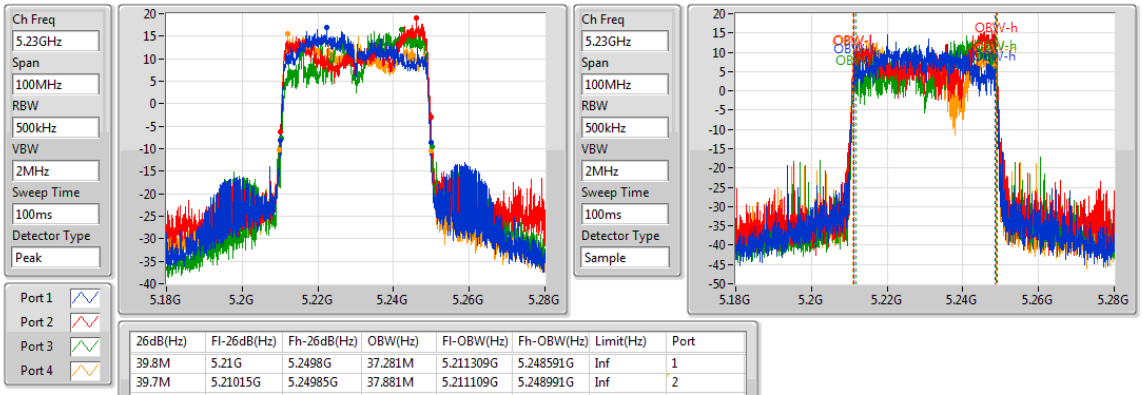


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	5.16975G	5.20995G	37.531M	5.171109G	5.208641G	Inf	1
39.9M	5.1701G	5.21G	37.181M	5.171609G	5.208791G	Inf	2
39.6M	5.16985G	5.20945G	37.681M	5.17081G	5.208491G	Inf	3
39.8M	5.17015G	5.20995G	37.331M	5.171509G	5.208841G	Inf	4

HE40,BF_Nss1,(MCS0)_4TX **EBW**

5230MHz

25/01/2018

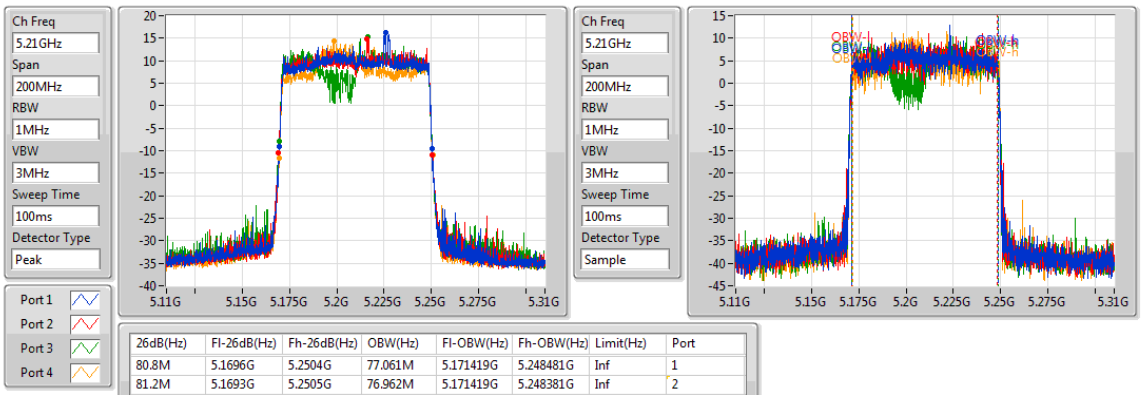


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.8M	5.21G	5.2498G	37.281M	5.211309G	5.248591G	Inf	1
39.7M	5.21015G	5.24985G	37.881M	5.211109G	5.248991G	Inf	2
39.9M	5.21025G	5.25015G	37.131M	5.211759G	5.248891G	Inf	3
40.1M	5.20985G	5.24995G	37.881M	5.21096G	5.248841G	Inf	4

HE80,BF_Nss1,(MCS0)_4TX **EBW**

5210MHz

25/01/2018

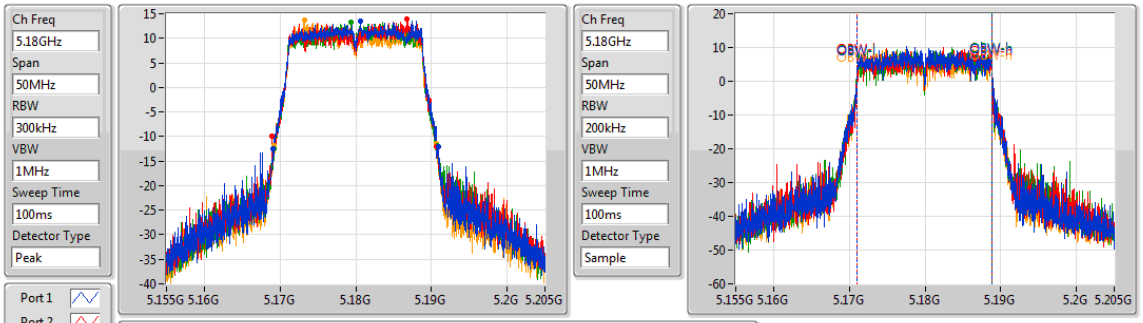


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.8M	5.1696G	5.2504G	77.061M	5.171419G	5.248481G	Inf	1
81.2M	5.1693G	5.2505G	76.962M	5.171419G	5.248381G	Inf	2
80.9M	5.1696G	5.2505G	77.161M	5.171319G	5.248481G	Inf	3
81.2M	5.1695G	5.2507G	76.762M	5.171719G	5.248481G	Inf	4

802.11ac VHT20-BF_Nss2,(MCS0)_4TX EBW

5180MHz

25/01/2018

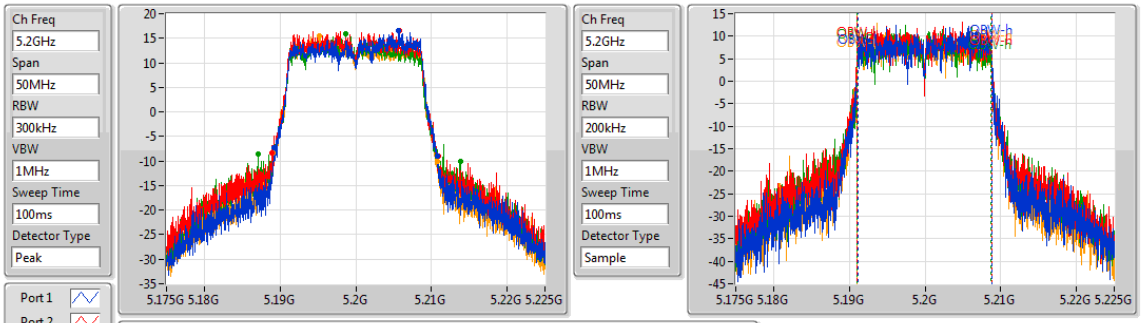


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.875M	5.169025G	5.1909G	17.741M	5.171079G	5.188821G	Inf	1
21.8M	5.1689G	5.1907G	17.716M	5.171079G	5.188796G	Inf	2
21.6M	5.169175G	5.190775G	17.766M	5.171054G	5.188821G	Inf	3
21.425M	5.169275G	5.1907G	17.741M	5.171054G	5.188796G	Inf	4

802.11ac VHT20-BF_Nss2,(MCS0)_4TX EBW

5200MHz

25/01/2018

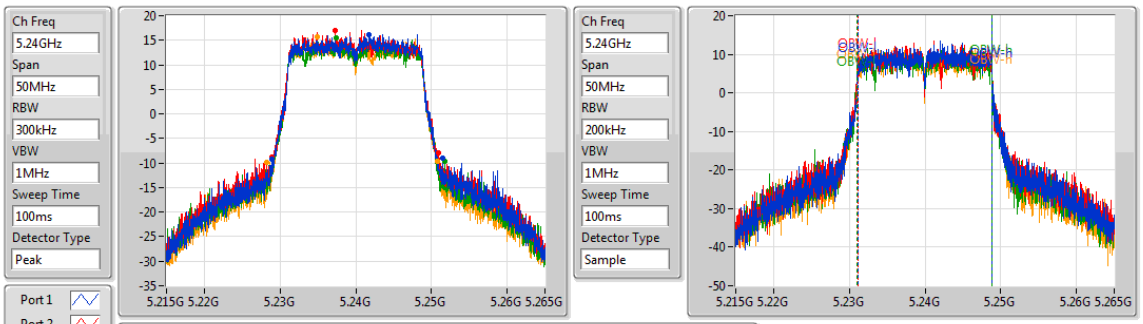


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.575M	5.189175G	5.21075G	17.716M	5.191104G	5.208821G	Inf	1
22.1M	5.1889G	5.211G	17.716M	5.191079G	5.208796G	Inf	2
26.625M	5.187175G	5.2138G	17.691M	5.191079G	5.208771G	Inf	3
21.775M	5.18905G	5.210825G	17.716M	5.191079G	5.208796G	Inf	4

802.11ac VHT20-BF_Nss2,(MCS0)_4TX EBW

5240MHz

25/01/2018

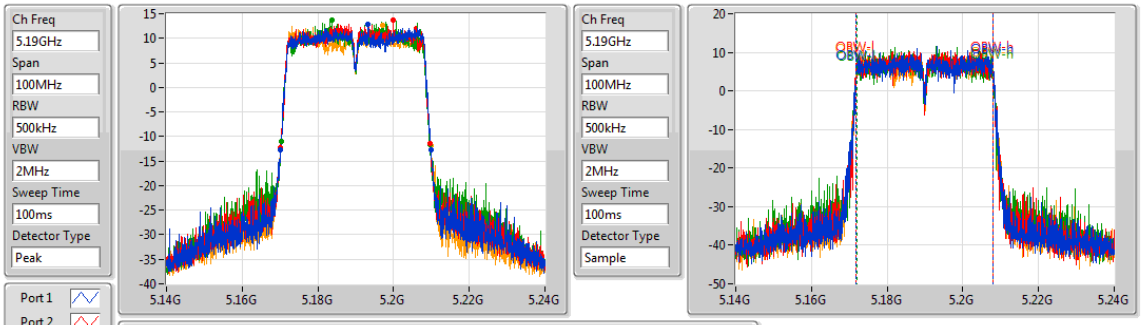


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.6M	5.228925G	5.251525G	17.691M	5.231104G	5.248796G	Inf	1
22.1M	5.2289G	5.251G	17.741M	5.231104G	5.248846G	Inf	2
22.725M	5.229075G	5.2518G	17.791M	5.231029G	5.248821G	Inf	3
22.525M	5.2283G	5.250825G	17.791M	5.231054G	5.248846G	Inf	4

802.11ac VHT40-BF_Nss2,(MCS0)_4TX **EBW**

5190MHz

25/01/2018

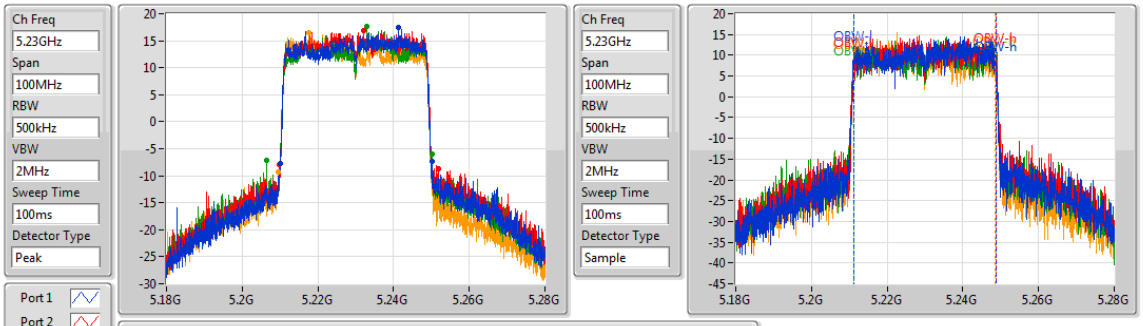


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.75M	5.17015G	5.2099G	36.282M	5.171809G	5.208091G	Inf	1
39.65M	5.1701G	5.20975G	36.232M	5.171809G	5.208041G	Inf	2
39.4M	5.17025G	5.20965G	36.032M	5.171909G	5.207941G	Inf	3
39.85M	5.16995G	5.2098G	36.232M	5.171809G	5.208041G	Inf	4

802.11ac VHT40-BF_Nss2,(MCS0)_4TX **EBW**

5230MHz

25/01/2018

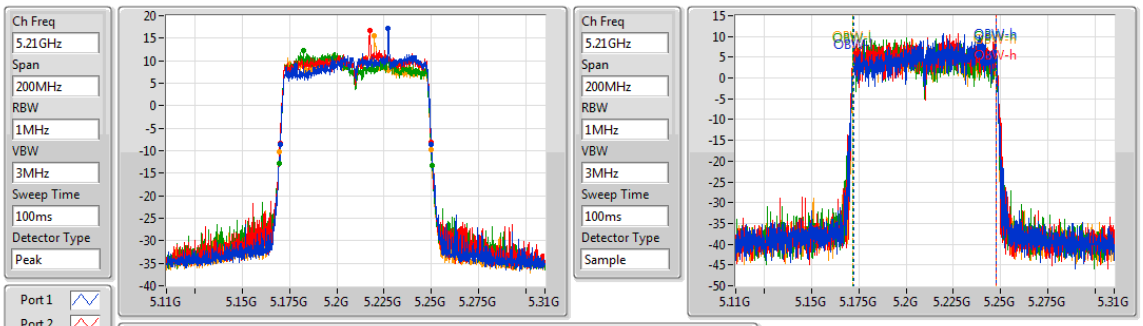


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	5.21G	5.2502G	37.631M	5.211109G	5.248741G	Inf	1
42M	5.2099G	5.2519G	37.631M	5.211159G	5.248791G	Inf	2
43.8M	5.20635G	5.25015G	37.681M	5.211159G	5.248841G	Inf	3
40.6M	5.2095G	5.2501G	37.581M	5.211059G	5.248641G	Inf	4

802.11ac VHT80-BF_Nss2,(MCS0)_4TX **EBW**

5210MHz

25/01/2018

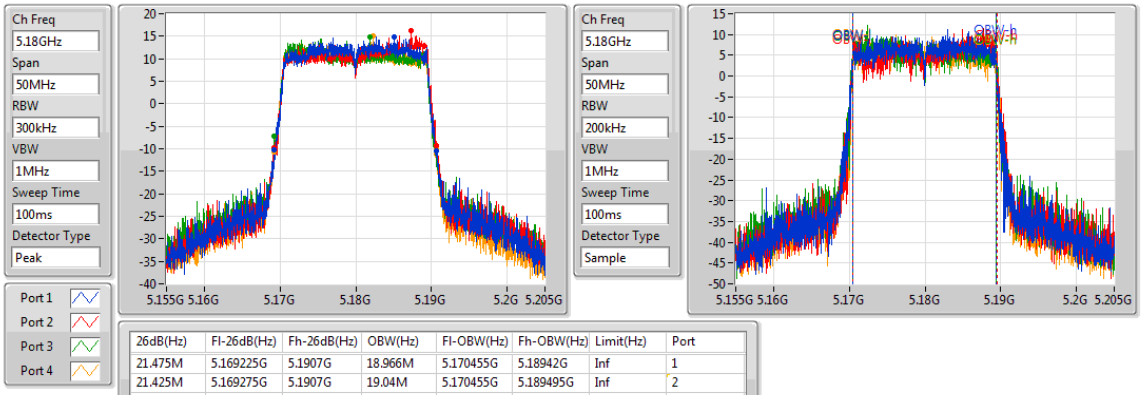


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80M	5.1701G	5.2501G	75.762M	5.172119G	5.247881G	Inf	1
80.2M	5.1699G	5.2501G	75.562M	5.172119G	5.247681G	Inf	2
81.2M	5.1694G	5.2506G	75.862M	5.171919G	5.247781G	Inf	3
80.6M	5.1695G	5.2501G	75.662M	5.171919G	5.247581G	Inf	4

HE20,BF_Nss2,(MCS0)_4TX **EBW**

5180MHz

25/01/2018

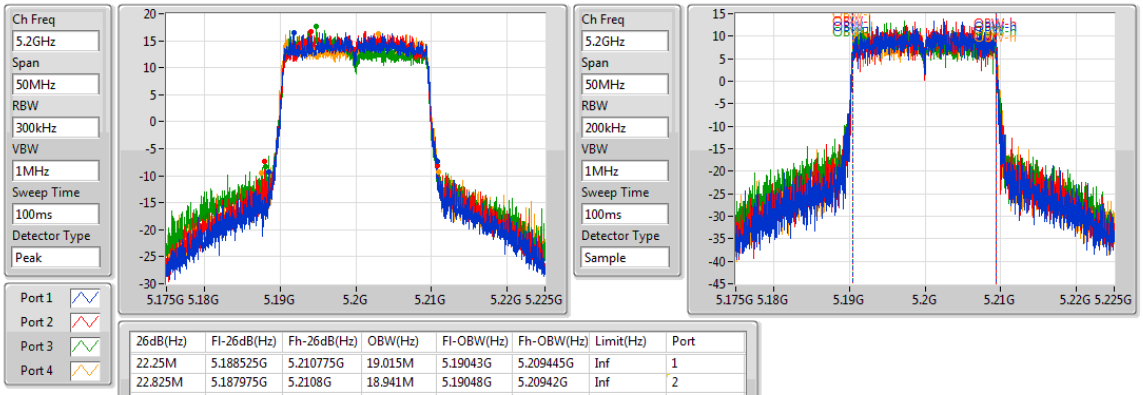


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.475M	5.169225G	5.1907G	18.966M	5.170455G	5.18942G	Inf	1
21.425M	5.169275G	5.1907G	19.04M	5.170455G	5.189495G	Inf	2
21.3M	5.169275G	5.190575G	19.015M	5.170405G	5.18942G	Inf	3
21.45M	5.1692G	5.19065G	18.941M	5.170455G	5.189395G	Inf	4

HE20,BF_Nss2,(MCS0)_4TX **EBW**

5200MHz

25/01/2018

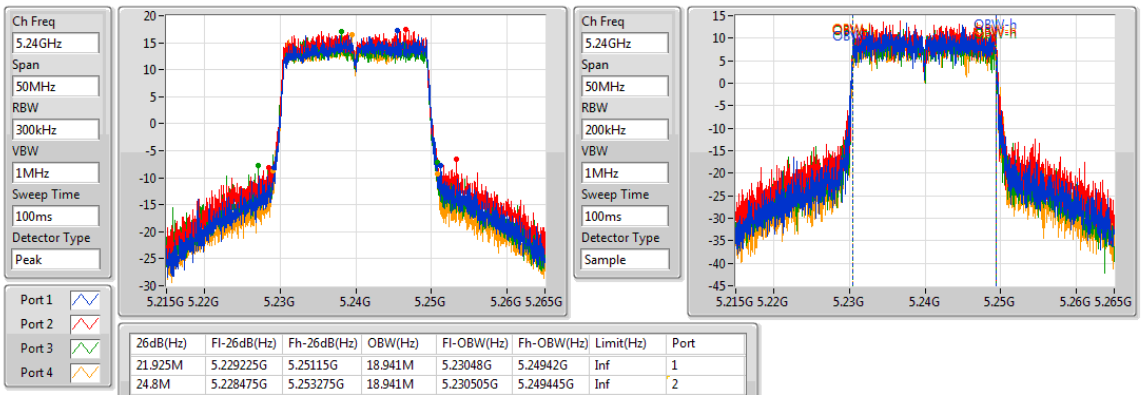


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.25M	5.188525G	5.210775G	19.015M	5.19043G	5.209445G	Inf	1
22.825M	5.187975G	5.2108G	18.941M	5.19048G	5.20942G	Inf	2
22.675M	5.188125G	5.2108G	18.941M	5.190455G	5.209395G	Inf	3
23.475M	5.187475G	5.21095G	19.04M	5.19043G	5.20947G	Inf	4

HE20,BF_Nss2,(MCS0)_4TX **EBW**

5240MHz

25/01/2018



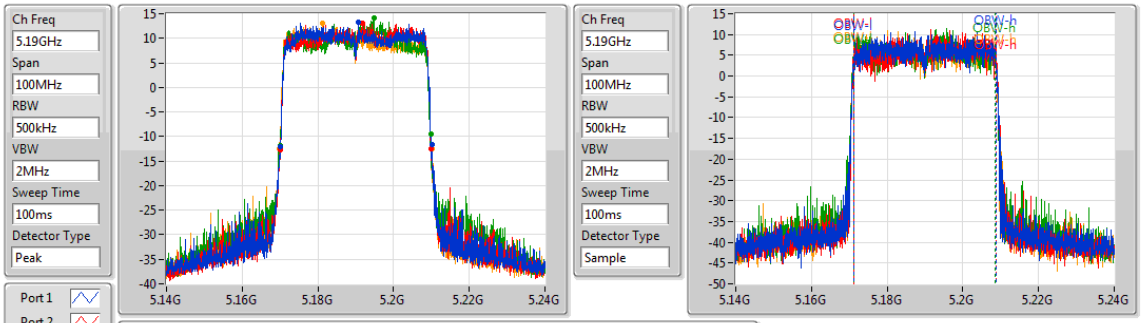
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.925M	5.229225G	5.25115G	18.941M	5.23048G	5.24942G	Inf	1
24.8M	5.228475G	5.253275G	18.941M	5.230505G	5.249445G	Inf	2
23.625M	5.227125G	5.25075G	18.941M	5.230455G	5.249395G	Inf	3
21.625M	5.229125G	5.25075G	18.991M	5.230455G	5.249445G	Inf	4

HE40,BF_Nss2,(MCS0)_4TX

EBW

5190MHz

25/01/2018



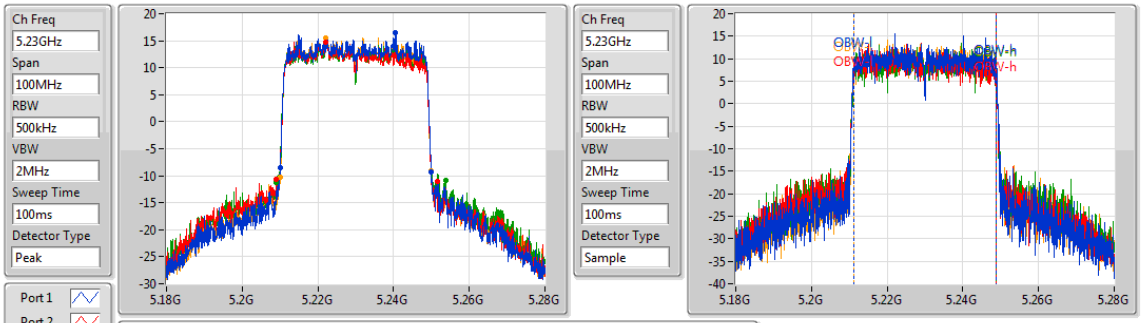
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	5.17G	5.2102G	37.631M	5.171159G	5.208791G	Inf	1
39.95M	5.1701G	5.21005G	37.581M	5.171159G	5.208741G	Inf	2
39.75M	5.17005G	5.2098G	37.531M	5.171109G	5.208641G	Inf	3
40.3M	5.1699G	5.2102G	37.631M	5.171059G	5.208691G	Inf	4

HE40,BF_Nss2,(MCS0)_4TX

EBW

5230MHz

31/01/2018



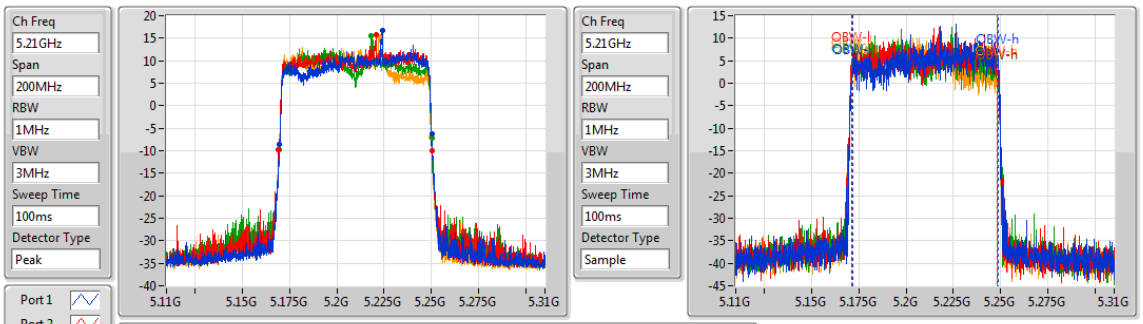
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40M	5.20995G	5.24995G	37.631M	5.211159G	5.248791G	Inf	1
42.55M	5.2091G	5.25165G	37.631M	5.211109G	5.248741G	Inf	2
44.65M	5.2091G	5.25375G	37.581M	5.211109G	5.248691G	Inf	3
40M	5.21005G	5.25005G	37.581M	5.211159G	5.248741G	Inf	4

HE80,BF_Nss2,(MCS0)_4TX

EBW

5210MHz

25/01/2018



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.6M	5.1698G	5.2504G	76.962M	5.171719G	5.248681G	Inf	1
81.2M	5.1692G	5.2504G	76.862M	5.171419G	5.248281G	Inf	2
80.7M	5.1695G	5.2502G	76.662M	5.171419G	5.248081G	Inf	3
80.6M	5.1695G	5.2501G	76.762M	5.171319G	5.248081G	Inf	4

For 5G B4
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.45M	16.692M	16M7D1D	16.325M	16.592M
802.11ac VHT20_Nss1,(MCS0)_4TX	17.65M	17.866M	17M9D1D	17.55M	17.741M
802.11ac VHT40_Nss1,(MCS0)_4TX	36.4M	36.332M	36M3D1D	36.3M	36.182M
802.11ac VHT80_Nss1,(MCS0)_4TX	76.3M	75.862M	75M9D1D	75.5M	75.662M
HE20_Nss1,(MCS0)_4TX	19.025M	19.04M	19M0D1D	18.85M	18.966M
HE40_Nss1,(MCS0)_4TX	37.75M	37.681M	37M7D1D	37M	37.581M
HE80_Nss1,(MCS0)_4TX	77.7M	77.361M	77M4D1D	76.7M	77.161M
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	17.65M	17.816M	17M8D1D	17.55M	17.716M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	36.45M	36.282M	36M3D1D	36.3M	36.082M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	76.3M	75.862M	75M9D1D	75.7M	75.562M
HE20,BF_Nss1,(MCS0)_4TX	19.025M	19.015M	19M0D1D	18.8M	18.966M
HE40,BF_Nss1,(MCS0)_4TX	37.8M	37.681M	37M7D1D	37.25M	37.431M
HE80,BF_Nss1,(MCS0)_4TX	77.3M	77.361M	77M4D1D	76.7M	76.962M
802.11ac VHT20-BF_Nss2,(MCS0)_4TX	17.6M	17.891M	17M9D1D	17.55M	17.766M
802.11ac VHT40-BF_Nss2,(MCS0)_4TX	36.35M	36.382M	36M4D1D	36.05M	36.182M
802.11ac VHT80-BF_Nss2,(MCS0)_4TX	76.3M	75.962M	76M0D1D	75.4M	75.562M
HE20,BF_Nss2,(MCS0)_4TX	19M	19.065M	19M1D1D	18.825M	18.941M
HE40,BF_Nss2,(MCS0)_4TX	37.7M	37.731M	37M7D1D	37.4M	37.581M
HE80,BF_Nss2,(MCS0)_4TX	77.5M	77.261M	77M3D1D	75.9M	76.962M

Max-N dB = Maximum 6dB down bandwidth; **Max-OBW** = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; **Min-OBW** = Minimum 99% occupied bandwidth;

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5745MHz	Pass	500k	16.375M	16.667M	16.325M	16.617M	16.325M	16.592M	16.325M	16.592M
5785MHz	Pass	500k	16.35M	16.667M	16.35M	16.642M	16.325M	16.642M	16.325M	16.617M
5825MHz	Pass	500k	16.45M	16.692M	16.35M	16.617M	16.35M	16.617M	16.375M	16.617M
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5745MHz	Pass	500k	17.6M	17.816M	17.575M	17.766M	17.55M	17.841M	17.575M	17.766M
5785MHz	Pass	500k	17.65M	17.816M	17.575M	17.816M	17.6M	17.866M	17.575M	17.766M
5825MHz	Pass	500k	17.6M	17.816M	17.575M	17.741M	17.575M	17.766M	17.575M	17.766M
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5755MHz	Pass	500k	36.35M	36.332M	36.35M	36.182M	36.4M	36.282M	36.3M	36.232M
5795MHz	Pass	500k	36.4M	36.332M	36.3M	36.282M	36.3M	36.282M	36.4M	36.232M
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	500k	76.3M	75.862M	75.9M	75.662M	75.5M	75.862M	76.1M	75.662M
HE20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5745MHz	Pass	500k	18.85M	18.991M	18.85M	19.04M	18.95M	19.04M	18.975M	18.966M
5785MHz	Pass	500k	18.9M	18.966M	18.975M	18.991M	18.95M	19.04M	19M	18.991M
5825MHz	Pass	500k	19.025M	19.015M	18.9M	19.015M	18.875M	18.991M	18.975M	18.966M
HE40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5755MHz	Pass	500k	37.7M	37.681M	37M	37.581M	37.45M	37.681M	37.7M	37.581M
5795MHz	Pass	500k	37.75M	37.681M	37.6M	37.681M	37.45M	37.631M	37.7M	37.581M
HE80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	500k	76.8M	77.161M	76.7M	77.161M	77.3M	77.361M	77.7M	77.161M
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5745MHz	Pass	500k	17.55M	17.766M	17.6M	17.741M	17.575M	17.741M	17.6M	17.816M
5785MHz	Pass	500k	17.6M	17.741M	17.6M	17.716M	17.6M	17.766M	17.6M	17.741M
5825MHz	Pass	500k	17.65M	17.791M	17.575M	17.741M	17.6M	17.741M	17.55M	17.791M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5755MHz	Pass	500k	36.3M	36.282M	36.35M	36.082M	36.3M	36.282M	36.4M	36.232M
5795MHz	Pass	500k	36.3M	36.232M	36.3M	36.082M	36.45M	36.232M	36.3M	36.232M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	500k	76.3M	75.862M	76.1M	75.562M	76.3M	75.562M	75.7M	75.662M
HE20,BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5745MHz	Pass	500k	18.8M	18.966M	18.975M	19.015M	18.925M	19.015M	19.025M	18.966M
5785MHz	Pass	500k	18.95M	18.966M	18.875M	18.991M	18.9M	18.966M	19.025M	19.015M
5825MHz	Pass	500k	18.975M	18.991M	18.875M	19.015M	18.875M	18.991M	18.95M	18.966M
HE40,BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5755MHz	Pass	500k	37.8M	37.581M	37.25M	37.481M	37.4M	37.431M	37.7M	37.681M
5795MHz	Pass	500k	37.55M	37.681M	37.4M	37.531M	37.5M	37.531M	37.4M	37.481M
HE80,BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	500k	76.7M	77.361M	77M	76.962M	77M	76.962M	77.3M	77.061M
802.11ac VHT20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5745MHz	Pass	500k	17.55M	17.841M	17.575M	17.766M	17.55M	17.816M	17.55M	17.816M
5785MHz	Pass	500k	17.575M	17.791M	17.575M	17.791M	17.575M	17.841M	17.575M	17.766M
5825MHz	Pass	500k	17.6M	17.891M	17.6M	17.766M	17.6M	17.841M	17.6M	17.766M

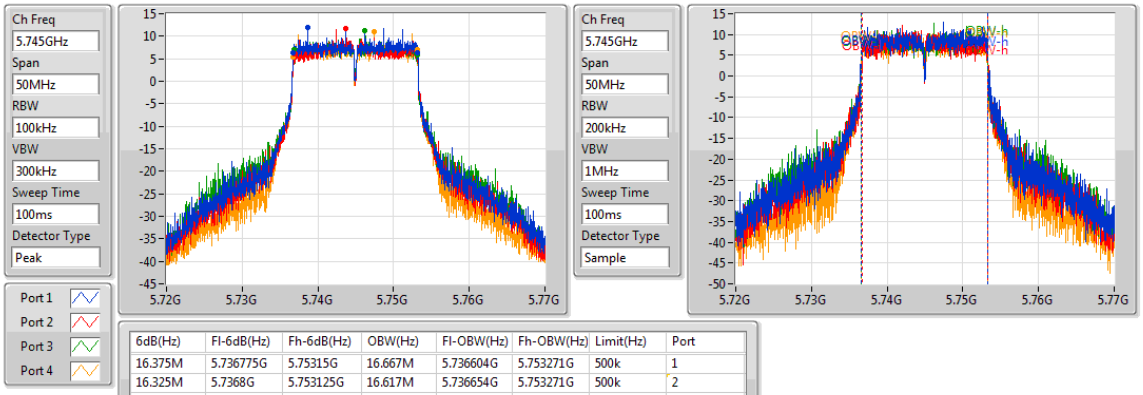
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ac VHT40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5755MHz	Pass	500k	36.3M	36.382M	36.3M	36.332M	36.3M	36.382M	36.3M	36.232M
5795MHz	Pass	500k	36.35M	36.382M	36.35M	36.182M	36.35M	36.282M	36.05M	36.282M
802.11ac VHT80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	500k	76.3M	75.962M	76.3M	75.562M	76.3M	75.962M	75.4M	75.762M
HE20,BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5745MHz	Pass	500k	18.9M	18.991M	18.9M	19.065M	18.875M	19.04M	18.95M	18.941M
5785MHz	Pass	500k	18.9M	18.966M	18.875M	19.015M	18.975M	19.015M	19M	18.991M
5825MHz	Pass	500k	18.9M	19.015M	18.825M	19.04M	18.9M	19.015M	18.95M	18.991M
HE40,BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5755MHz	Pass	500k	37.7M	37.581M	37.55M	37.731M	37.6M	37.631M	37.65M	37.581M
5795MHz	Pass	500k	37.6M	37.631M	37.6M	37.731M	37.4M	37.681M	37.6M	37.631M
HE80,BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	500k	77.5M	77.161M	75.9M	76.962M	76.8M	77.261M	76.7M	77.161M

Port X-N dB = Port **X** 6dB down bandwidth; **Port X-OBW** = Port **X** 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_4TX **EBW**

5745MHz

15/01/2018

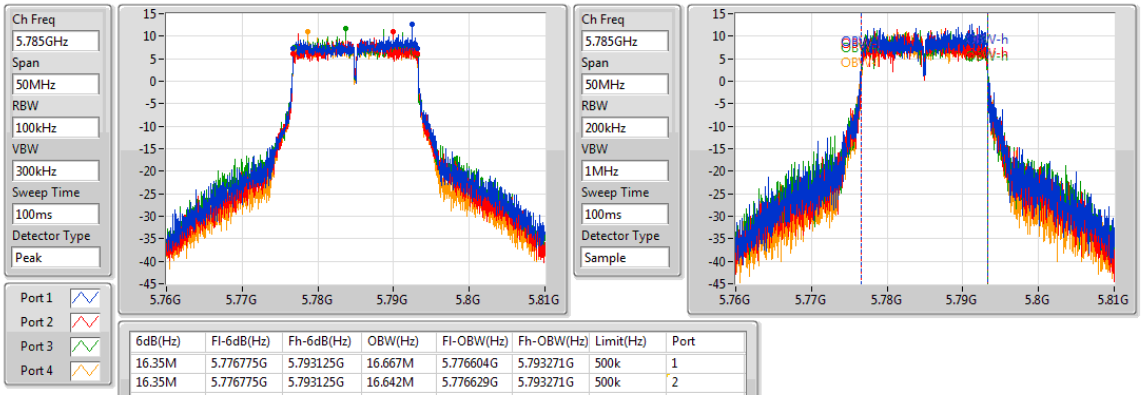


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.375M	5.736775G	5.75315G	16.667M	5.736604G	5.753271G	500k	1
16.325M	5.7368G	5.753125G	16.617M	5.736654G	5.753271G	500k	2
16.325M	5.7368G	5.753125G	16.592M	5.736629G	5.753221G	500k	3
16.325M	5.736775G	5.7531G	16.592M	5.736629G	5.753221G	500k	4

802.11a_Nss1,(6Mbps)_4TX **EBW**

5785MHz

15/01/2018

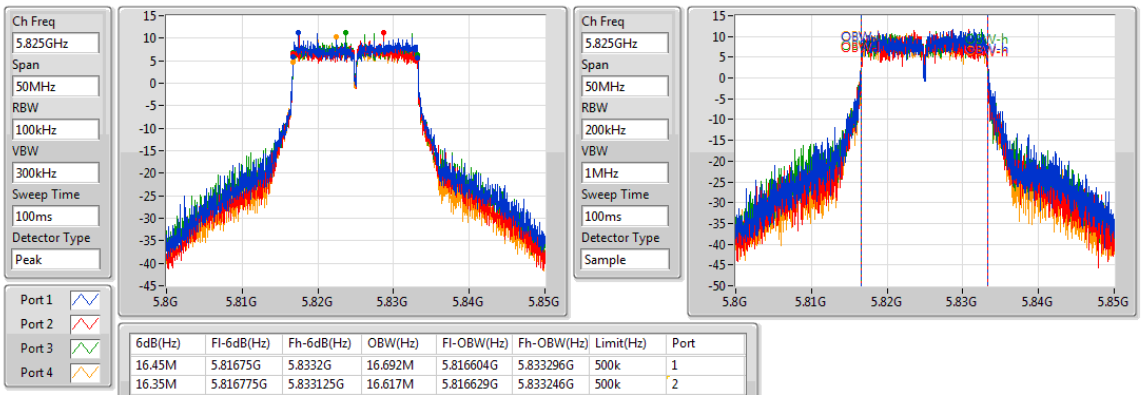


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	5.776775G	5.793125G	16.667M	5.776604G	5.793271G	500k	1
16.35M	5.776775G	5.793125G	16.642M	5.776629G	5.793271G	500k	2
16.325M	5.7768G	5.793125G	16.642M	5.776604G	5.793246G	500k	3
16.325M	5.7768G	5.793125G	16.617M	5.776604G	5.793221G	500k	4

802.11a_Nss1,(6Mbps)_4TX **EBW**

5825MHz

15/01/2018

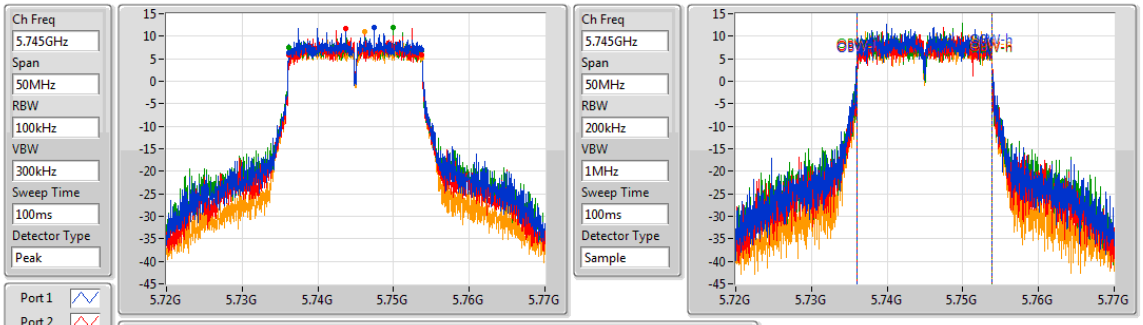


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.45M	5.81675G	5.8332G	16.692M	5.816604G	5.833296G	500k	1
16.35M	5.816775G	5.833125G	16.617M	5.816629G	5.833246G	500k	2
16.35M	5.816775G	5.833125G	16.617M	5.816604G	5.833221G	500k	3
16.375M	5.81675G	5.833125G	16.617M	5.816629G	5.833246G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5745MHz

15/01/2018

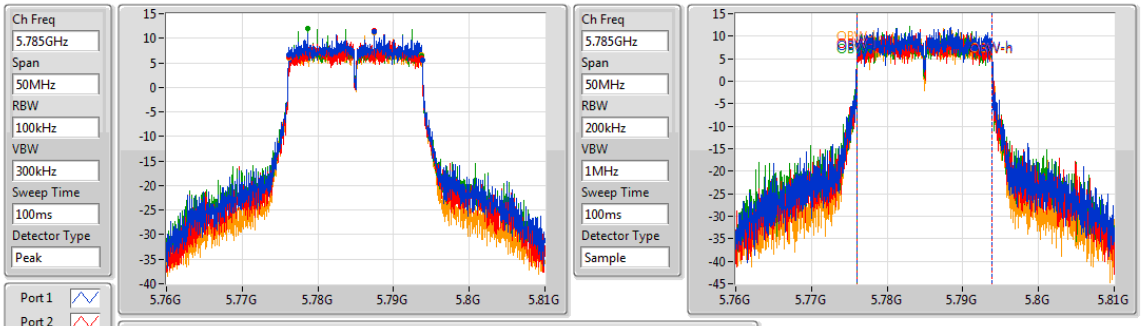


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.6M	5.73615G	5.75375G	17.816M	5.736029G	5.753846G	500k	1
17.575M	5.736175G	5.75375G	17.766M	5.736079G	5.753846G	500k	2
17.55M	5.736175G	5.753725G	17.841M	5.736004G	5.753846G	500k	3
17.575M	5.736175G	5.75375G	17.766M	5.736054G	5.753821G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5785MHz

15/01/2018

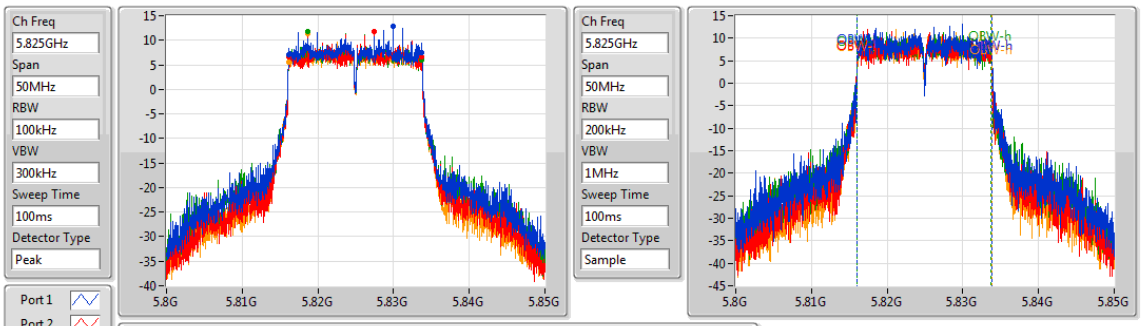


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.65M	5.77615G	5.7938G	17.816M	5.776054G	5.793871G	500k	1
17.575M	5.776175G	5.79375G	17.816M	5.776029G	5.793846G	500k	2
17.6M	5.77615G	5.79375G	17.866M	5.77598G	5.793846G	500k	3
17.575M	5.77615G	5.793725G	17.766M	5.776054G	5.793821G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5825MHz

15/01/2018



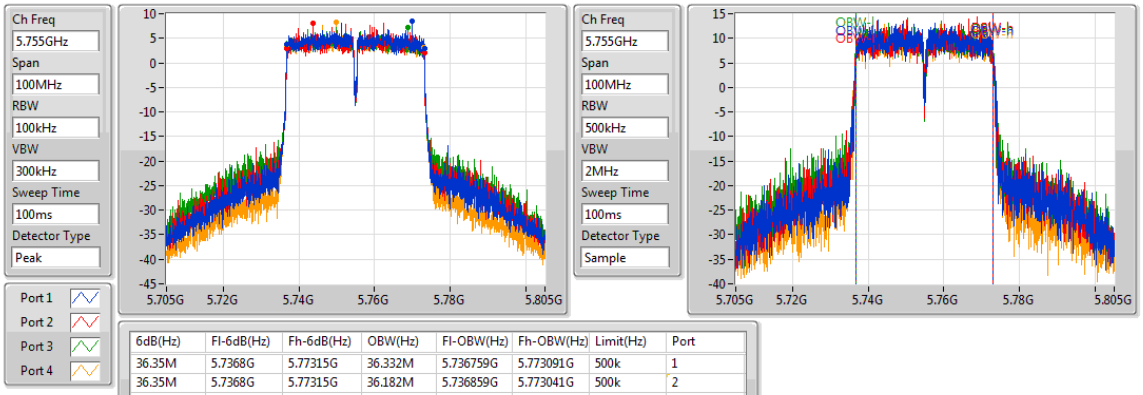
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.6M	5.81615G	5.83375G	17.816M	5.816054G	5.833871G	500k	1
17.575M	5.81615G	5.833725G	17.741M	5.816054G	5.833796G	500k	2
17.575M	5.81615G	5.833725G	17.766M	5.816004G	5.833771G	500k	3
17.575M	5.81615G	5.833725G	17.766M	5.816054G	5.833821G	500k	4

802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

5755MHz

15/01/2018



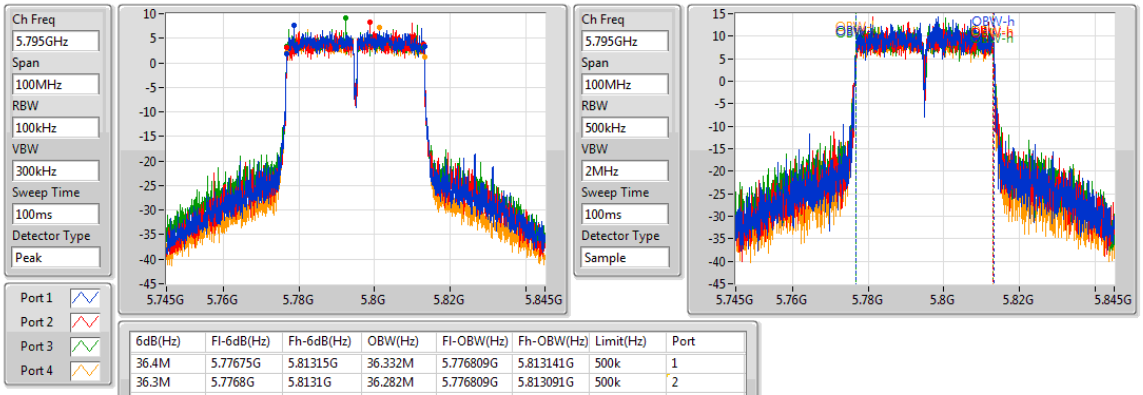
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.35M	5.7368G	5.77315G	36.332M	5.736759G	5.773091G	500k	1
36.35M	5.7368G	5.77315G	36.182M	5.736859G	5.773041G	500k	2
36.4M	5.73675G	5.77315G	36.282M	5.736709G	5.772991G	500k	3
36.3M	5.7368G	5.7731G	36.232M	5.736809G	5.773041G	500k	4

802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

5795MHz

15/01/2018



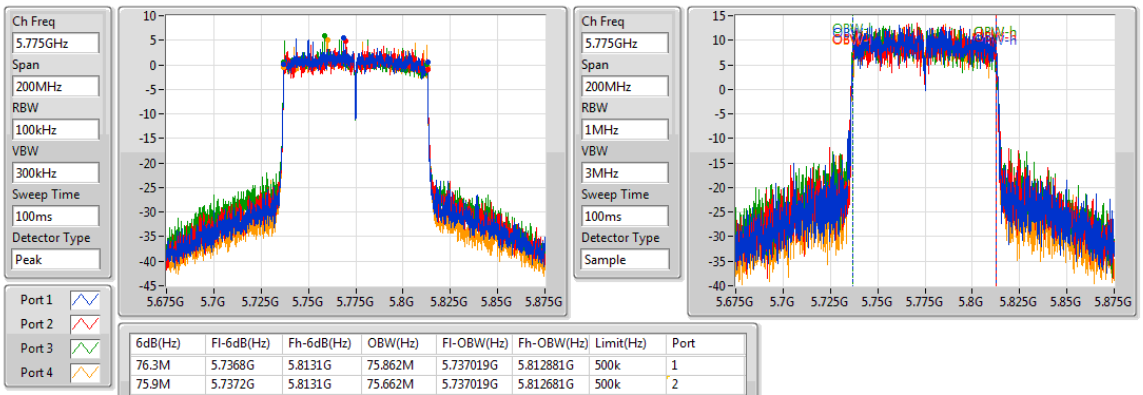
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.4M	5.77675G	5.81315G	36.332M	5.776809G	5.813141G	500k	1
36.3M	5.7768G	5.8131G	36.282M	5.776809G	5.813091G	500k	2
36.3M	5.7768G	5.8131G	36.282M	5.776759G	5.813041G	500k	3
36.4M	5.77675G	5.81315G	36.232M	5.776809G	5.813041G	500k	4

802.11ac VHT80_Nss1,(MCS0)_4TX

EBW

5775MHz

15/01/2018

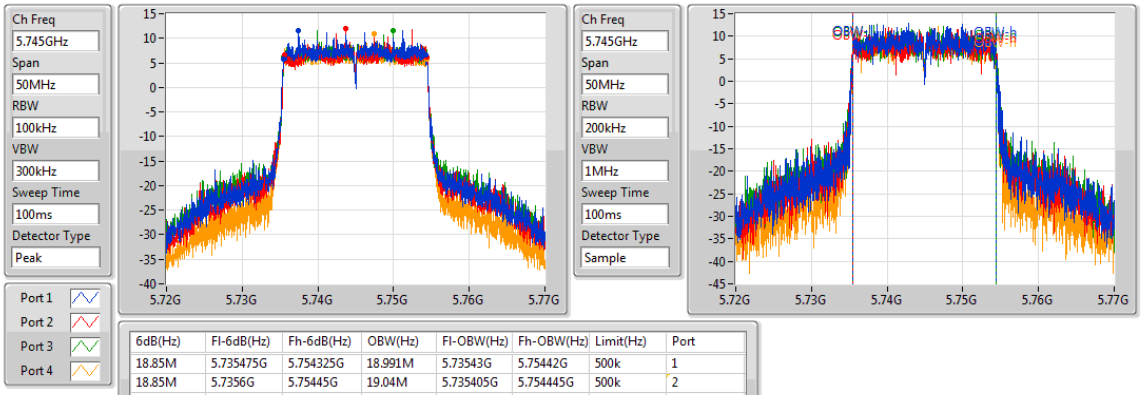


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.3M	5.7368G	5.8131G	75.862M	5.737019G	5.812881G	500k	1
75.9M	5.7372G	5.8131G	75.662M	5.737019G	5.812681G	500k	2
75.5M	5.737G	5.8125G	75.862M	5.736819G	5.812681G	500k	3
76.1M	5.7368G	5.8129G	75.662M	5.737019G	5.812681G	500k	4

HE20_Nss1,(MCS0)_4TX **EBW**

5745MHz

15/01/2018

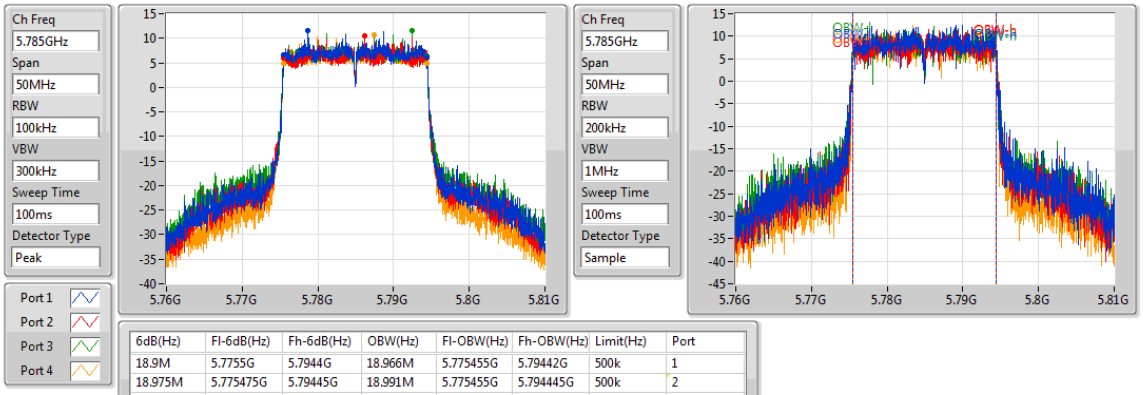


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.85M	5.735475G	5.754325G	18.991M	5.73543G	5.75442G	500k	1
18.85M	5.7356G	5.75445G	19.04M	5.735405G	5.754445G	500k	2
18.95M	5.735475G	5.754425G	19.04M	5.73543G	5.75447G	500k	3
18.975M	5.735475G	5.75445G	18.966M	5.73543G	5.754395G	500k	4

HE20_Nss1,(MCS0)_4TX **EBW**

5785MHz

15/01/2018

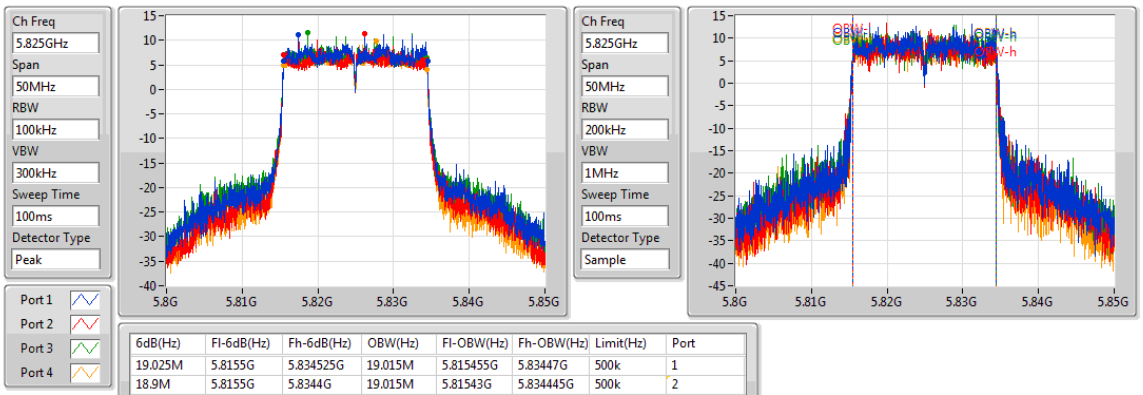


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.9M	5.7755G	5.7944G	18.966M	5.775455G	5.79442G	500k	1
18.975M	5.775475G	5.79445G	18.991M	5.775455G	5.794445G	500k	2
18.95M	5.775475G	5.794425G	19.04M	5.775405G	5.794445G	500k	3
19M	5.77545G	5.79445G	18.991M	5.775455G	5.794445G	500k	4

HE20_Nss1,(MCS0)_4TX **EBW**

5825MHz

15/01/2018

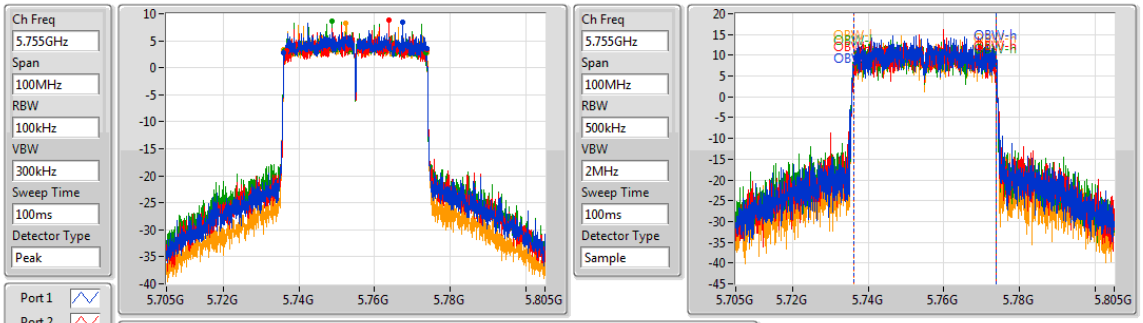


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.025M	5.8155G	5.834525G	19.015M	5.815455G	5.83447G	500k	1
18.9M	5.8155G	5.8344G	19.015M	5.81543G	5.834445G	500k	2
18.875M	5.815475G	5.83435G	18.991M	5.815455G	5.834445G	500k	3
18.975M	5.81545G	5.834425G	18.966M	5.815455G	5.83442G	500k	4

HE40_Nss1,(MCS0)_4TX **EBW**

5755MHz

15/01/2018

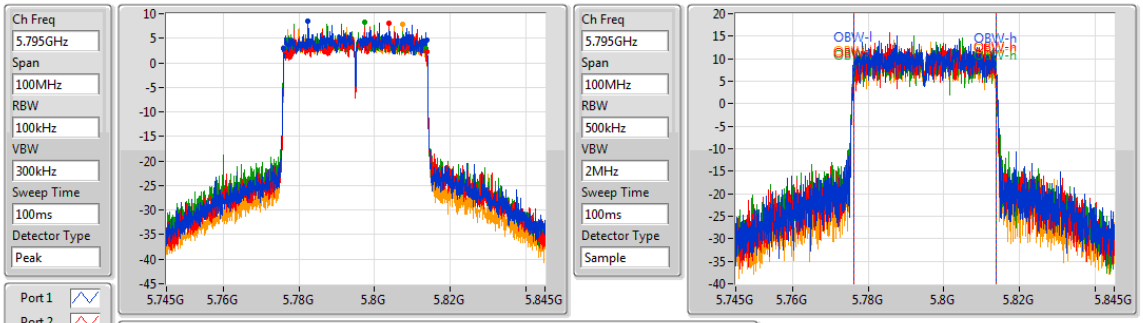


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.7M	5.736G	5.7737G	37.681M	5.736109G	5.773791G	500k	1
37M	5.73675G	5.77375G	37.581M	5.736159G	5.773741G	500k	2
37.45M	5.73615G	5.7736G	37.681M	5.736059G	5.773741G	500k	3
37.7M	5.73605G	5.77375G	37.581M	5.736159G	5.773741G	500k	4

HE40_Nss1,(MCS0)_4TX **EBW**

5795MHz

15/01/2018

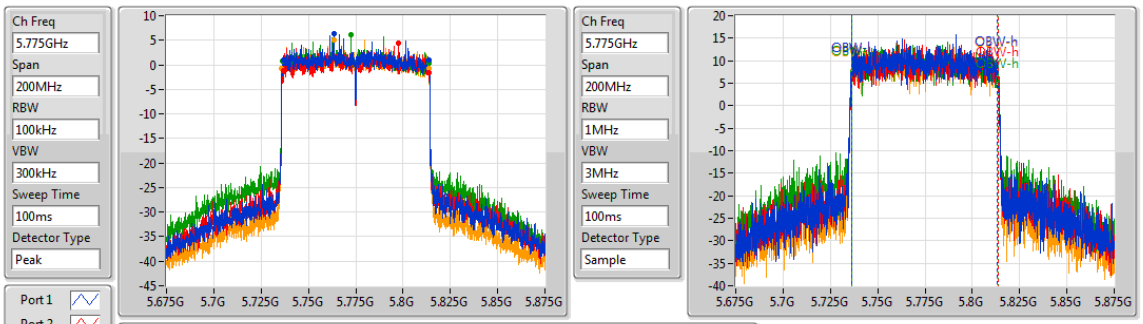


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.75M	5.776G	5.81375G	37.681M	5.776109G	5.813791G	500k	1
37.6M	5.7762G	5.8138G	37.681M	5.776059G	5.813741G	500k	2
37.45M	5.7762G	5.81365G	37.631M	5.776109G	5.813741G	500k	3
37.7M	5.77605G	5.81375G	37.581M	5.776109G	5.813691G	500k	4

HE80_Nss1,(MCS0)_4TX **EBW**

5775MHz

15/01/2018

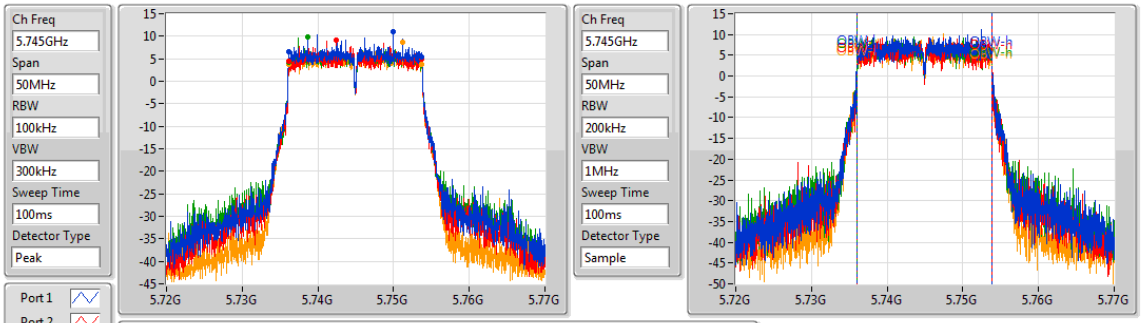


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.8M	5.7368G	5.8136G	77.161M	5.736219G	5.813381G	500k	1
76.7M	5.7368G	5.8135G	77.161M	5.736419G	5.813581G	500k	2
77.3M	5.7362G	5.8135G	77.361M	5.736119G	5.813481G	500k	3
77.7M	5.736G	5.8137G	77.161M	5.736219G	5.813381G	500k	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5745MHz

15/01/2018

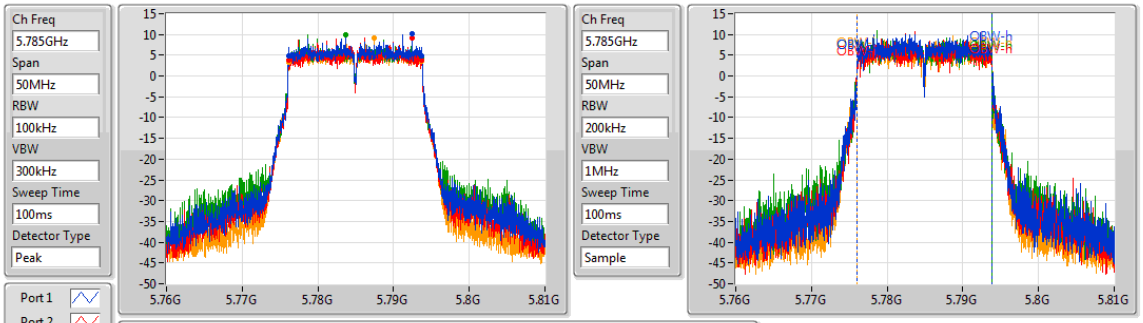


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	5.736175G	5.753725G	17.766M	5.736029G	5.753796G	500k	1
17.6M	5.73615G	5.75375G	17.741M	5.736079G	5.753821G	500k	2
17.575M	5.73615G	5.753725G	17.741M	5.736079G	5.753821G	500k	3
17.6M	5.73615G	5.75375G	17.816M	5.736029G	5.753846G	500k	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5785MHz

15/01/2018

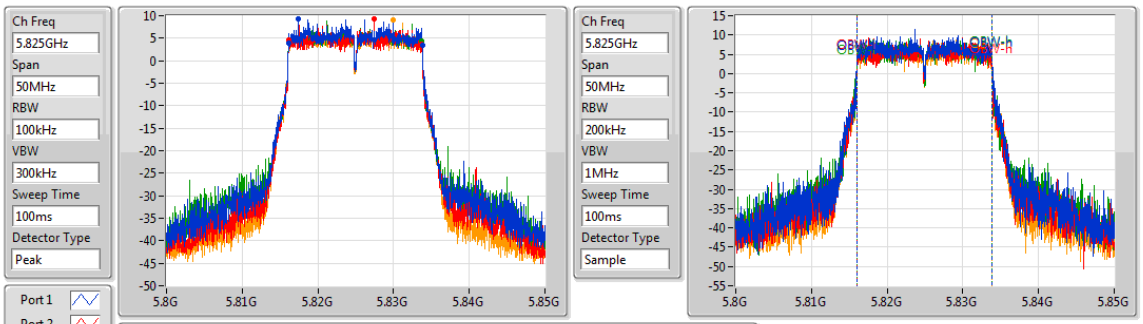


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.6M	5.77615G	5.79375G	17.741M	5.776079G	5.793821G	500k	1
17.6M	5.77615G	5.79375G	17.716M	5.776079G	5.793796G	500k	2
17.6M	5.77615G	5.79375G	17.766M	5.776029G	5.793796G	500k	3
17.6M	5.77615G	5.79375G	17.741M	5.776079G	5.793821G	500k	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5825MHz

15/01/2018

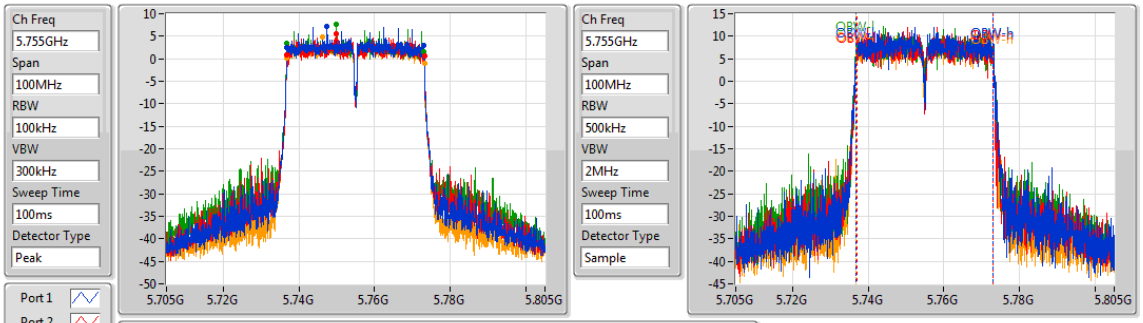


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.65M	5.81615G	5.8338G	17.791M	5.816029G	5.833821G	500k	1
17.575M	5.81615G	5.833725G	17.741M	5.816054G	5.833796G	500k	2
17.6M	5.81615G	5.83375G	17.741M	5.816054G	5.833796G	500k	3
17.55M	5.816175G	5.833725G	17.791M	5.816004G	5.833796G	500k	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **EBW**

5755MHz

15/01/2018

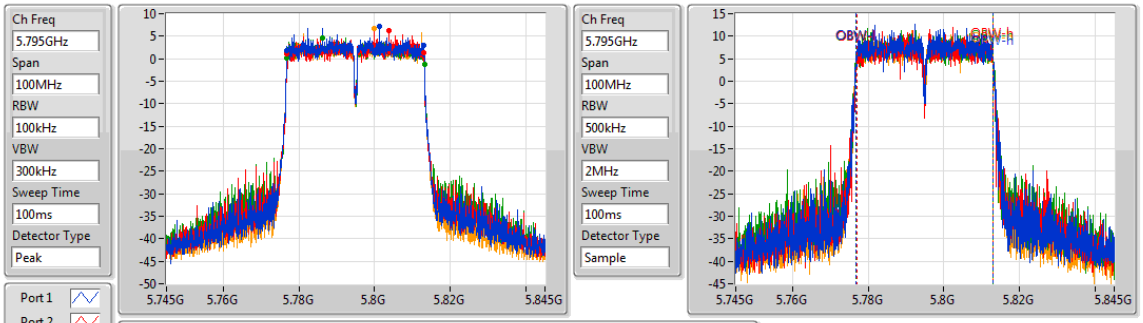


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	5.7368G	5.7731G	36.282M	5.736809G	5.773091G	500k	1
36.35M	5.7368G	5.77315G	36.082M	5.736909G	5.772991G	500k	2
36.3M	5.7368G	5.7731G	36.282M	5.736709G	5.772991G	500k	3
36.4M	5.73675G	5.77315G	36.232M	5.736809G	5.773041G	500k	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **EBW**

5795MHz

15/01/2018

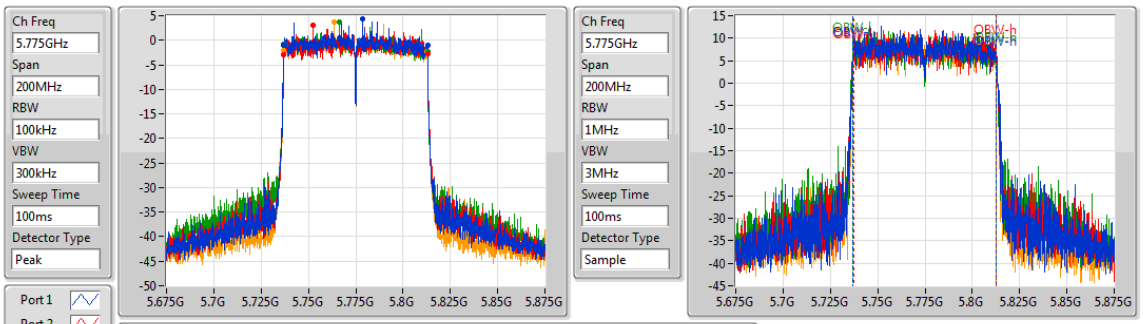


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	5.7768G	5.8131G	36.232M	5.776809G	5.813041G	500k	1
36.3M	5.7768G	5.8131G	36.082M	5.776909G	5.812991G	500k	2
36.45M	5.77675G	5.8132G	36.232M	5.776809G	5.813041G	500k	3
36.3M	5.7768G	5.8131G	36.232M	5.776809G	5.813041G	500k	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX **EBW**

5775MHz

15/01/2018

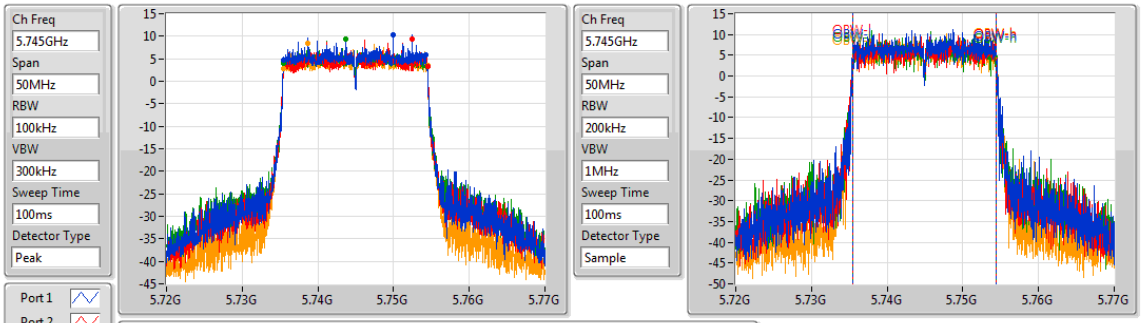


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.3M	5.7368G	5.8131G	75.862M	5.736919G	5.812781G	500k	1
76.1M	5.737G	5.8131G	75.562M	5.737119G	5.812681G	500k	2
76.3M	5.7368G	5.8131G	75.562M	5.737019G	5.812581G	500k	3
75.7M	5.737G	5.8127G	75.662M	5.737019G	5.812681G	500k	4

HE20,BF_Nss1,(MCS0)_4TX **EBW**

5745MHz

15/01/2018

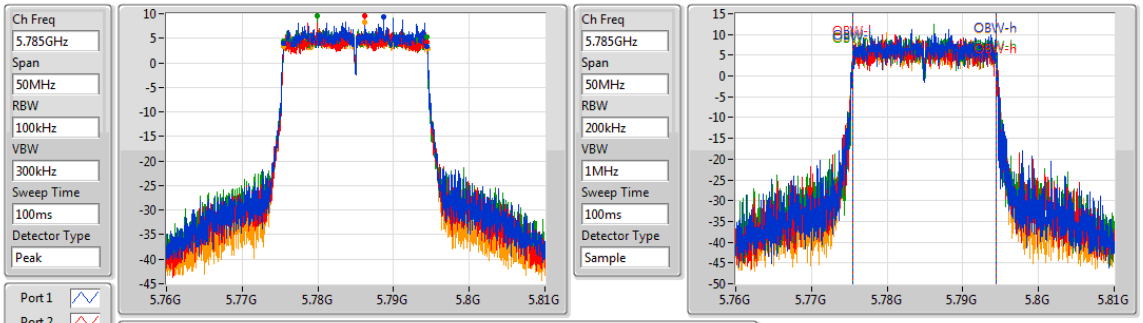


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.8M	5.735475G	5.754275G	18.966M	5.735455G	5.75442G	500k	1
18.975M	5.7355G	5.754475G	19.015M	5.73543G	5.754445G	500k	2
18.925M	5.7355G	5.754425G	19.015M	5.73543G	5.754445G	500k	3
19.025M	5.73545G	5.754475G	18.966M	5.735455G	5.75442G	500k	4

HE20,BF_Nss1,(MCS0)_4TX **EBW**

5785MHz

15/01/2018

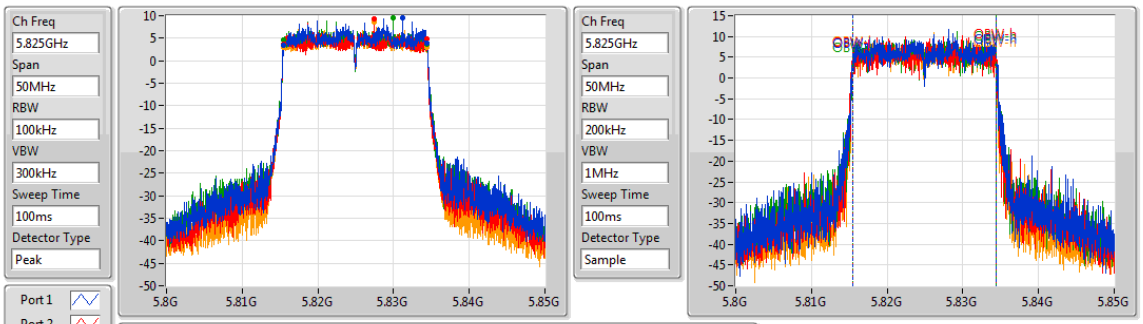


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.95M	5.775475G	5.794425G	18.966M	5.775455G	5.79442G	500k	1
18.875M	5.77555G	5.794425G	18.991M	5.775455G	5.794445G	500k	2
18.9M	5.7755G	5.7944G	18.966M	5.775455G	5.79442G	500k	3
19.025M	5.77545G	5.794475G	19.015M	5.77543G	5.794445G	500k	4

HE20,BF_Nss1,(MCS0)_4TX **EBW**

5825MHz

15/01/2018

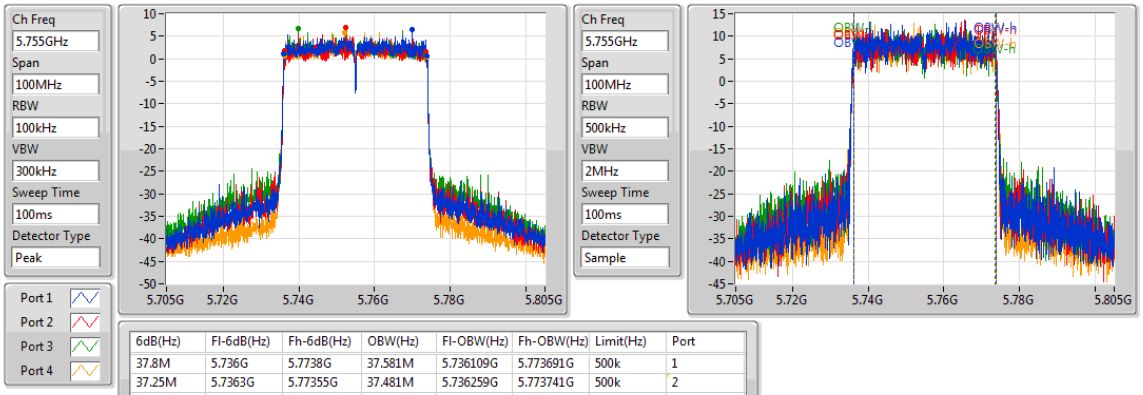


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.975M	5.815475G	5.83445G	18.991M	5.815455G	5.834445G	500k	1
18.875M	5.815475G	5.83435G	19.015M	5.815405G	5.83442G	500k	2
18.875M	5.8155G	5.834375G	18.991M	5.81543G	5.83442G	500k	3
18.95M	5.8155G	5.83445G	18.966M	5.81543G	5.834395G	500k	4

HE40,BF_Nss1,(MCS0)_4TX **EBW**

5755MHz

15/01/2018

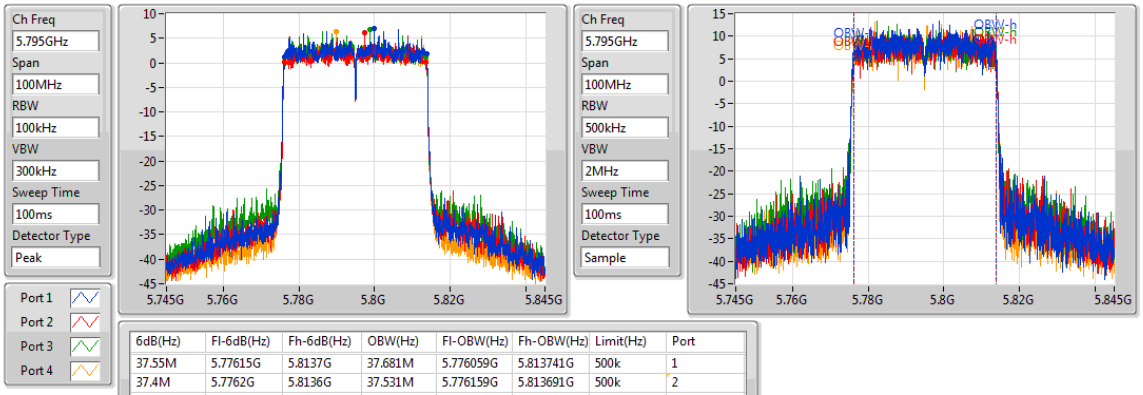


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.8M	5.736G	5.7738G	37.581M	5.736109G	5.773691G	500k	1
37.25M	5.7363G	5.77355G	37.481M	5.736259G	5.773741G	500k	2
37.4M	5.7361G	5.7735G	37.431M	5.736159G	5.773591G	500k	3
37.7M	5.7361G	5.7738G	37.681M	5.736059G	5.773741G	500k	4

HE40,BF_Nss1,(MCS0)_4TX **EBW**

5795MHz

15/01/2018

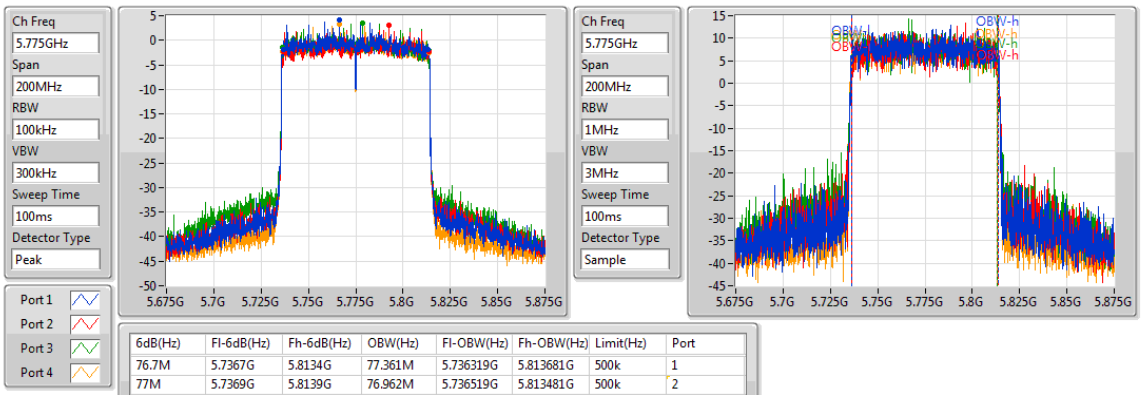


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.55M	5.77615G	5.8137G	37.681M	5.776059G	5.813741G	500k	1
37.4M	5.7762G	5.8136G	37.531M	5.776159G	5.813691G	500k	2
37.5M	5.77615G	5.81365G	37.531M	5.776159G	5.813691G	500k	3
37.4M	5.7761G	5.8135G	37.481M	5.776209G	5.813691G	500k	4

HE80,BF_Nss1,(MCS0)_4TX **EBW**

5775MHz

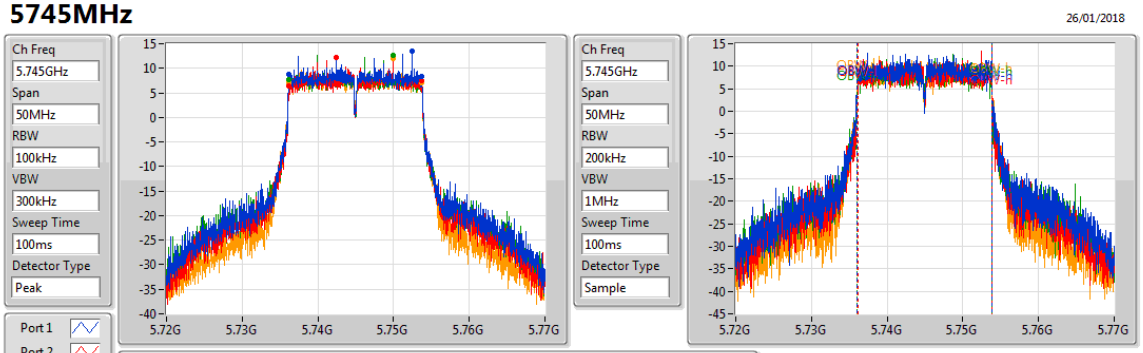
15/01/2018



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.7M	5.7367G	5.8134G	77.361M	5.736319G	5.813681G	500k	1
77M	5.7369G	5.8139G	76.962M	5.736519G	5.813481G	500k	2
77M	5.7365G	5.8135G	76.962M	5.736319G	5.813281G	500k	3
77.3M	5.7364G	5.8137G	77.061M	5.736319G	5.813381G	500k	4

802.11ac VHT20-BF_Nss2,(MCS0)_4TX EBW

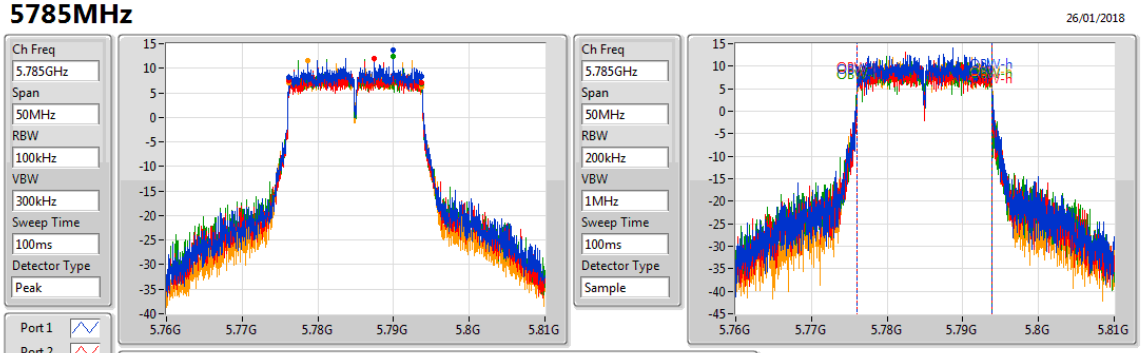
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	5.736175G	5.753725G	17.841M	5.736004G	5.753846G	500k	1
17.575M	5.736175G	5.75375G	17.766M	5.736104G	5.753871G	500k	2
17.55M	5.736175G	5.753725G	17.816M	5.736029G	5.753846G	500k	3
17.55M	5.736175G	5.753725G	17.816M	5.736004G	5.753821G	500k	4

802.11ac VHT20-BF_Nss2,(MCS0)_4TX EBW

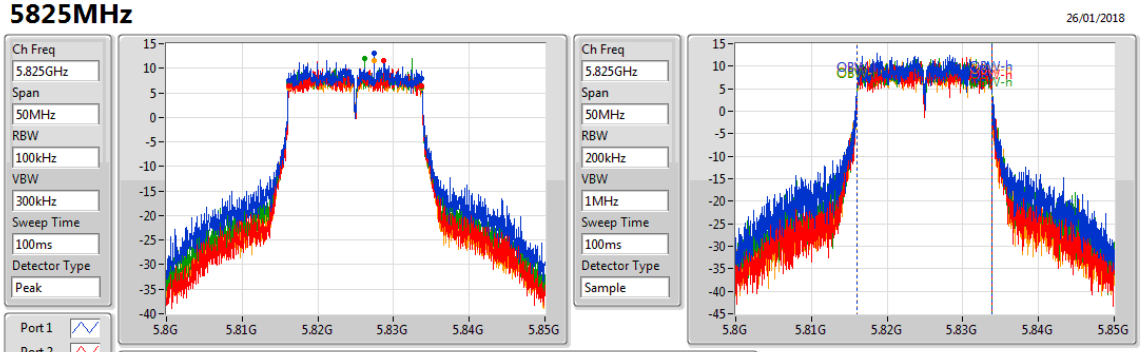
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	5.776175G	5.79375G	17.791M	5.776054G	5.793846G	500k	1
17.575M	5.776175G	5.79375G	17.791M	5.776079G	5.793871G	500k	2
17.575M	5.776175G	5.79375G	17.841M	5.776004G	5.793846G	500k	3
17.575M	5.776175G	5.79375G	17.766M	5.776054G	5.793821G	500k	4

802.11ac VHT20-BF_Nss2,(MCS0)_4TX EBW

5825MHz



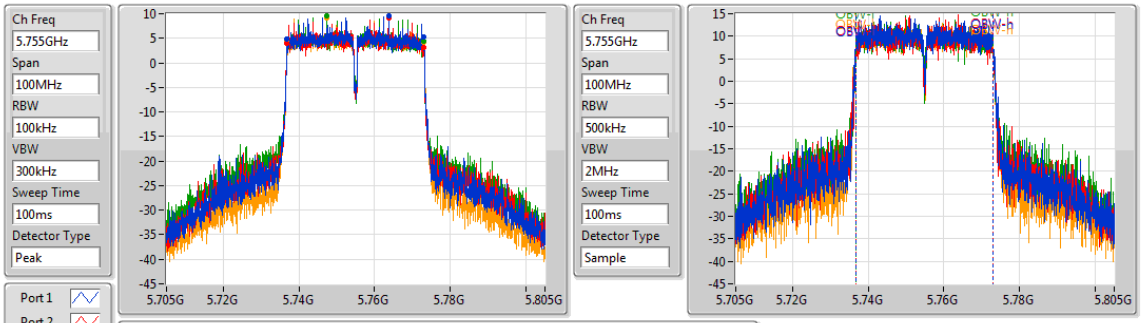
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.6M	5.81615G	5.83375G	17.891M	5.81598G	5.833871G	500k	1
17.6M	5.81615G	5.83375G	17.766M	5.816054G	5.833821G	500k	2
17.6M	5.81615G	5.83375G	17.841M	5.816029G	5.833871G	500k	3
17.6M	5.81615G	5.83375G	17.766M	5.816054G	5.833821G	500k	4

802.11ac VHT40-BF_Nss2,(MCS0)_4TX

EBW

5755MHz

26/01/2018



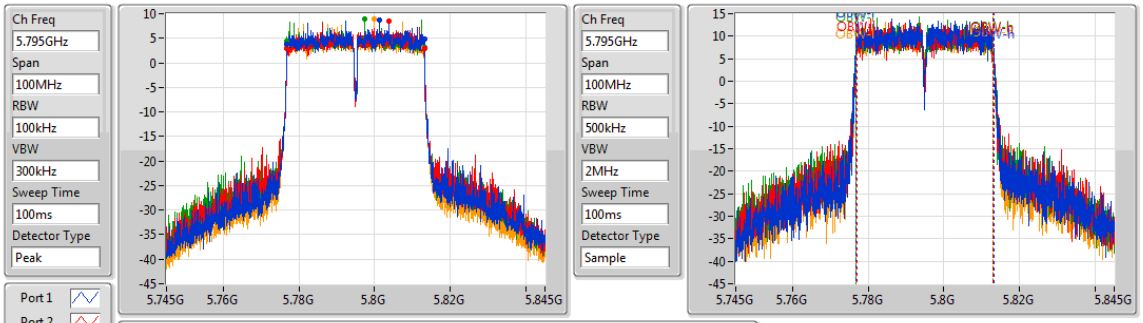
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	5.7368G	5.7731G	36.382M	5.736709G	5.773091G	500k	1
36.3M	5.7368G	5.7731G	36.332M	5.736759G	5.773091G	500k	2
36.3M	5.7368G	5.7731G	36.382M	5.736659G	5.773041G	500k	3
36.3M	5.7368G	5.7731G	36.232M	5.736809G	5.773041G	500k	4

802.11ac VHT40-BF_Nss2,(MCS0)_4TX

EBW

5795MHz

26/01/2018



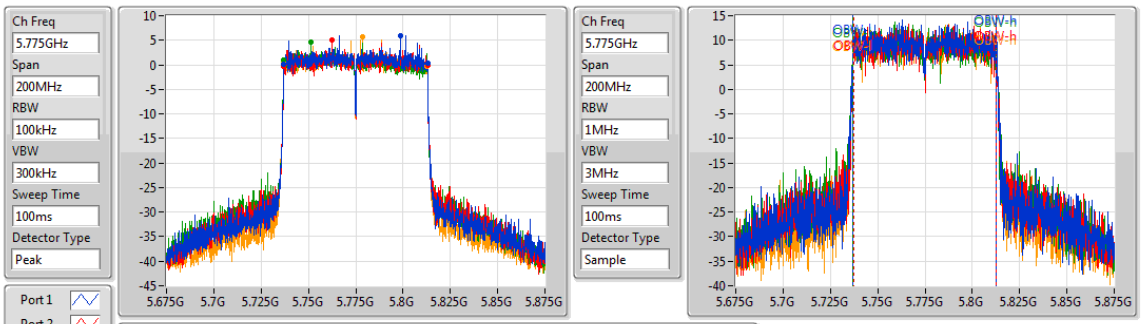
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.35M	5.7768G	5.81315G	36.382M	5.776759G	5.813141G	500k	1
36.35M	5.7768G	5.81315G	36.182M	5.776909G	5.813091G	500k	2
36.35M	5.7768G	5.81315G	36.282M	5.776809G	5.813091G	500k	3
36.05M	5.7768G	5.81285G	36.282M	5.776809G	5.813091G	500k	4

802.11ac VHT80-BF_Nss2,(MCS0)_4TX

EBW

5775MHz

26/01/2018

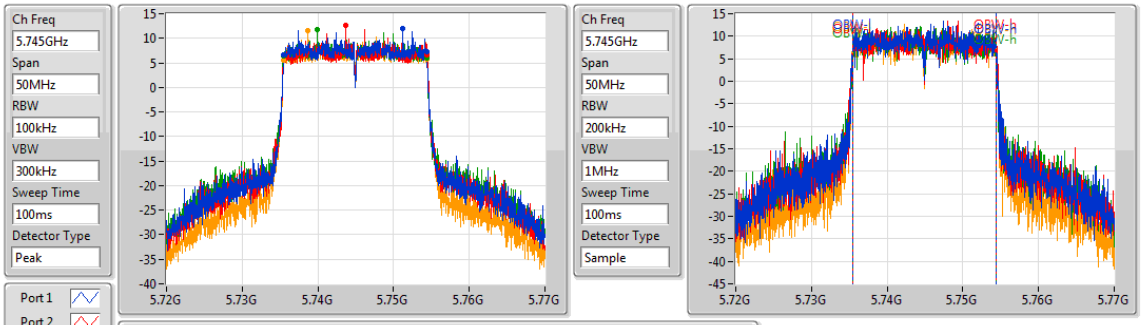


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.3M	5.7368G	5.8131G	75.962M	5.736919G	5.812881G	500k	1
76.3M	5.7368G	5.8131G	75.562M	5.737119G	5.812681G	500k	2
76.3M	5.7368G	5.8131G	75.962M	5.736819G	5.812781G	500k	3
75.4M	5.7371G	5.8125G	75.762M	5.737019G	5.812781G	500k	4

HE20,BF_Nss2,(MCS0)_4TX **EBW**

5745MHz

26/01/2018

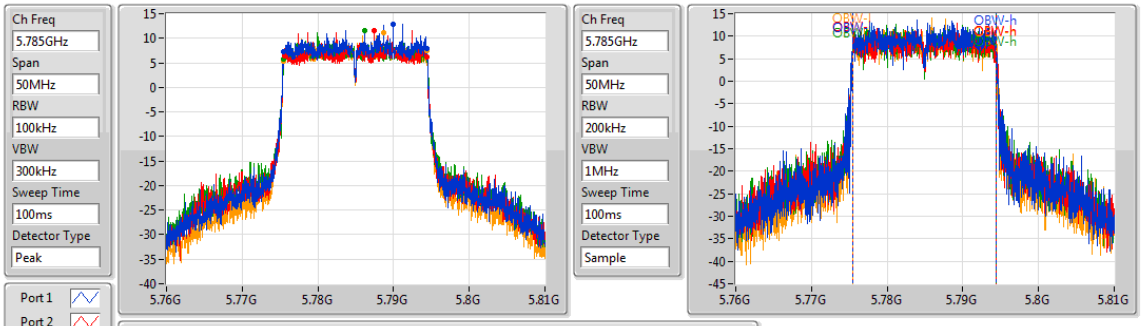


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.9M	5.735475G	5.754375G	18.991M	5.73543G	5.75442G	500k	1
18.9M	5.735525G	5.754425G	19.065M	5.735405G	5.75447G	500k	2
18.875M	5.735475G	5.75435G	19.04M	5.735405G	5.754445G	500k	3
18.95M	5.73545G	5.7544G	18.941M	5.735455G	5.754395G	500k	4

HE20,BF_Nss2,(MCS0)_4TX **EBW**

5785MHz

26/01/2018

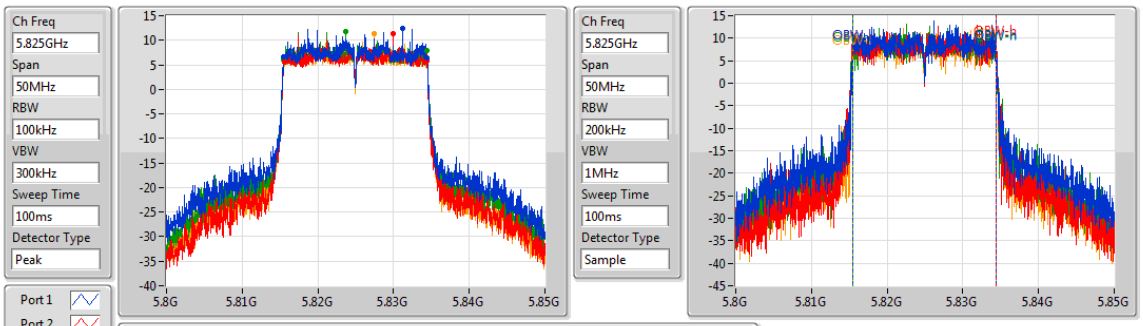


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.9M	5.7755G	5.7944G	18.966M	5.77543G	5.794395G	500k	1
18.875M	5.775575G	5.79445G	19.015M	5.775455G	5.79447G	500k	2
18.975M	5.77545G	5.794425G	19.015M	5.77543G	5.794445G	500k	3
19M	5.775425G	5.794425G	18.991M	5.775455G	5.794445G	500k	4

HE20,BF_Nss2,(MCS0)_4TX **EBW**

5825MHz

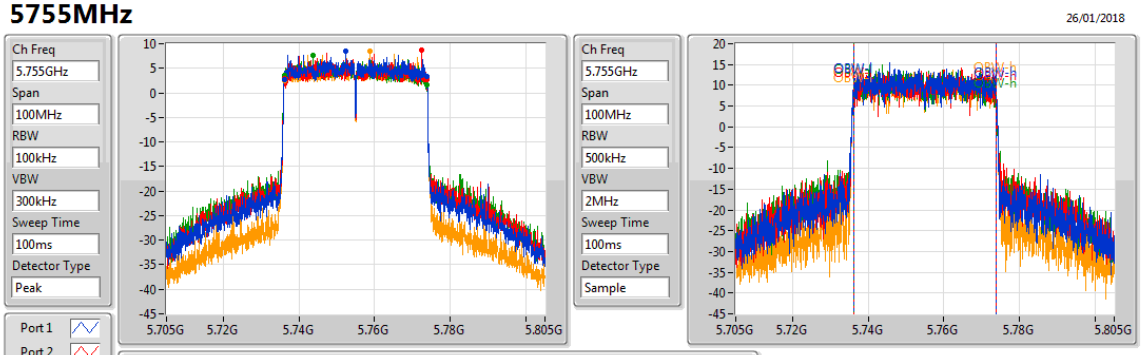
26/01/2018



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.9M	5.8155G	5.8344G	19.015M	5.81543G	5.834445G	500k	1
18.825M	5.8156G	5.834425G	19.04M	5.815405G	5.834445G	500k	2
18.9M	5.81545G	5.83435G	19.015M	5.815405G	5.83442G	500k	3
18.95M	5.81545G	5.8344G	18.991M	5.81543G	5.83442G	500k	4

HE40,BF_Nss2,(MCS0)_4TX **EBW**

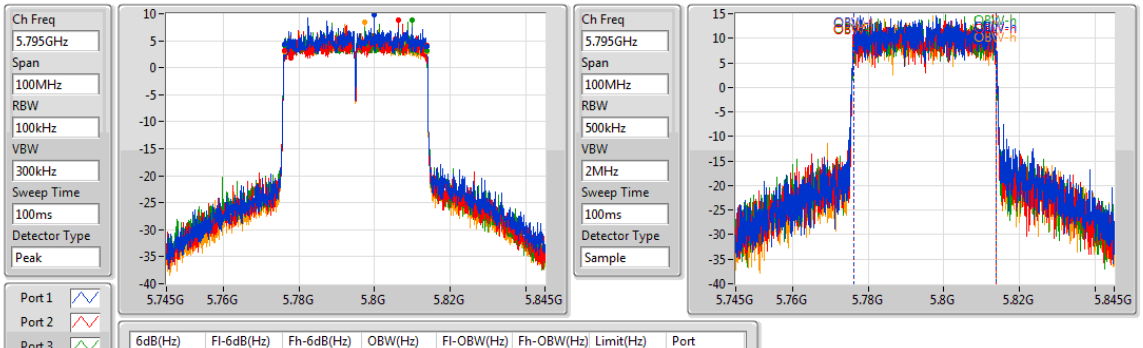
5755MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.7M	5.7361G	5.7738G	37.581M	5.736109G	5.773691G	500k	1
37.55M	5.7362G	5.77375G	37.731M	5.736109G	5.773841G	500k	2
37.6M	5.7361G	5.7737G	37.631M	5.736059G	5.773691G	500k	3
37.65M	5.7361G	5.77375G	37.581M	5.736109G	5.773691G	500k	4

HE40,BF_Nss2,(MCS0)_4TX **EBW**

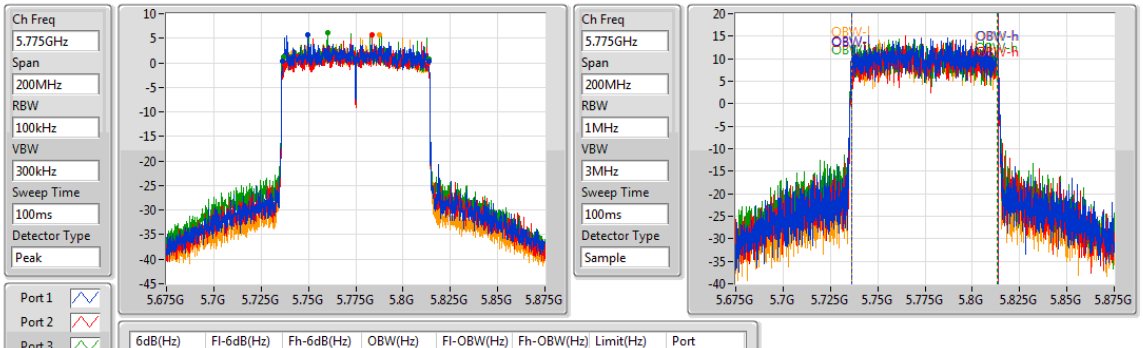
5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.6M	5.7762G	5.8138G	37.631M	5.776109G	5.813741G	500k	1
37.6M	5.77615G	5.81375G	37.731M	5.776059G	5.813791G	500k	2
37.4M	5.7763G	5.8137G	37.681M	5.776109G	5.813791G	500k	3
37.6M	5.77615G	5.81375G	37.631M	5.776059G	5.813691G	500k	4

HE80,BF_Nss2,(MCS0)_4TX **EBW**

5775MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
77.5M	5.7362G	5.8137G	77.161M	5.736319G	5.813481G	500k	1
75.9M	5.7374G	5.8133G	76.962M	5.736519G	5.813481G	500k	2
76.8M	5.7367G	5.8135G	77.261M	5.736119G	5.813381G	500k	3
76.7M	5.7367G	5.8134G	77.161M	5.736219G	5.813381G	500k	4

For 5G B1
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	27.41	0.55081
802.11ac VHT20_Nss1,(MCS0)_4TX	27.78	0.59979
802.11ac VHT40_Nss1,(MCS0)_4TX	29.93	0.98401
802.11ac VHT80_Nss1,(MCS0)_4TX	25.73	0.37411
HE20_Nss1,(MCS0)_4TX	27.92	0.61944
HE40_Nss1,(MCS0)_4TX	29.98	0.99541
HE80_Nss1,(MCS0)_4TX	25.92	0.39084
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	27.63	0.57943
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	27.50	0.56234
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	26.42	0.43853
HE20,BF_Nss1,(MCS0)_4TX	27.55	0.56885
HE40,BF_Nss1,(MCS0)_4TX	27.51	0.56364
HE80,BF_Nss1,(MCS0)_4TX	25.36	0.34356
802.11ac VHT20-BF_Nss2,(MCS0)_4TX	29.92	0.98175
802.11ac VHT40-BF_Nss2,(MCS0)_4TX	29.97	0.99312
802.11ac VHT80-BF_Nss2,(MCS0)_4TX	25.62	0.36475
HE20,BF_Nss2,(MCS0)_4TX	29.96	0.99083
HE40,BF_Nss2,(MCS0)_4TX	29.90	0.97724
HE80,BF_Nss2,(MCS0)_4TX	25.49	0.35400

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	2.33	21.59	21.37	21.42	21.03	27.38	30.00
5200MHz	Pass	2.33	21.63	21.41	21.34	21.16	27.41	30.00
5240MHz	Pass	2.33	21.57	21.32	21.19	20.85	27.26	30.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	2.33	22.04	21.84	21.69	21.45	27.78	30.00
5200MHz	Pass	2.33	22.11	21.76	21.71	21.36	27.76	30.00
5240MHz	Pass	2.33	21.95	21.55	21.29	21.94	27.71	30.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	2.33	19.44	20.03	20.31	19.52	25.86	30.00
5230MHz	Pass	2.33	24.2	24.16	23.54	23.72	29.93	30.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	2.33	19.49	19.94	19.89	19.48	25.73	30.00
HE20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	2.33	22.16	21.97	21.91	21.54	27.92	30.00
5200MHz	Pass	2.33	22.12	21.84	21.87	21.65	27.89	30.00
5240MHz	Pass	2.33	22.24	21.85	21.62	21.19	27.76	30.00
HE40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	2.33	20.2	20.14	20.03	20.25	26.18	30.00
5230MHz	Pass	2.33	24.31	23.93	23.87	23.72	29.98	30.00
HE80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	2.33	20.19	19.94	19.86	19.57	25.92	30.00
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.35	21.84	21.77	21.46	21.35	27.63	27.65
5200MHz	Pass	8.35	21.72	21.69	21.18	21.56	27.56	27.65
5240MHz	Pass	8.35	21.97	22.21	20.85	21.29	27.63	27.65
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.35	19.75	18.63	18.77	18.94	25.07	27.65
5230MHz	Pass	8.35	21.61	21.84	21.39	21.02	27.50	27.65
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.35	20.46	20.88	20.11	20.09	26.42	27.65
HE20,BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.35	20.86	20.19	20.34	20.23	26.43	27.65
5200MHz	Pass	8.35	21.82	22.06	21.12	20.78	27.50	27.65
5240MHz	Pass	8.35	21.75	22.24	21.17	20.82	27.55	27.65
HE40,BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.35	19.15	18.84	18.62	18.74	24.86	27.65
5230MHz	Pass	8.35	21.52	21.96	21.27	21.16	27.51	27.65
HE80,BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.35	19.65	19.63	18.97	19.08	25.36	27.65
802.11ac VHT20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.34	22.09	21.76	21.53	21.34	27.71	30.00
5200MHz	Pass	5.34	23.84	24.52	23.55	23.61	29.92	30.00
5240MHz	Pass	5.34	23.98	24.59	23.51	23.42	29.92	30.00

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ac VHT40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.34	21.15	20.89	20.72	20.66	26.88	30.00
5230MHz	Pass	5.34	24.04	24.52	23.75	23.43	29.97	30.00
802.11ac VHT80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.34	19.54	20.15	19.31	19.35	25.62	30.00
HE20,BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.34	21.81	21.45	21.28	21.13	27.45	30.00
5200MHz	Pass	5.34	24.12	24.33	23.76	23.52	29.96	30.00
5240MHz	Pass	5.34	24.06	24.64	23.38	23.49	29.94	30.00
HE40,BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.34	20.32	19.91	19.75	19.72	25.95	30.00
5230MHz	Pass	5.34	24.05	24.43	23.65	23.32	29.90	30.00
HE80,BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.34	19.24	19.96	19.49	19.16	25.49	30.00

DG = Directional Gain;**Port X** = Port X output power

For 5G B4
Summary

Mode	Total Power (dBm)	Total Power (W)
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	29.97	0.99312
802.11ac VHT20_Nss1,(MCS0)_4TX	29.98	0.99541
802.11ac VHT40_Nss1,(MCS0)_4TX	29.85	0.96605
802.11ac VHT80_Nss1,(MCS0)_4TX	29.53	0.89743
HE20_Nss1,(MCS0)_4TX	29.97	0.99312
HE40_Nss1,(MCS0)_4TX	29.98	0.99541
HE80_Nss1,(MCS0)_4TX	29.77	0.94842
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	27.88	0.61376
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	27.95	0.62373
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	27.80	0.60256
HE20,BF_Nss1,(MCS0)_4TX	27.95	0.62373
HE40,BF_Nss1,(MCS0)_4TX	28.01	0.63241
HE80,BF_Nss1,(MCS0)_4TX	27.78	0.59979
802.11ac VHT20-BF_Nss2,(MCS0)_4TX	29.90	0.97724
802.11ac VHT40-BF_Nss2,(MCS0)_4TX	29.89	0.97499
802.11ac VHT80-BF_Nss2,(MCS0)_4TX	29.34	0.85901
HE20,BF_Nss2,(MCS0)_4TX	29.94	0.98628
HE40,BF_Nss2,(MCS0)_4TX	29.90	0.97724
HE80,BF_Nss2,(MCS0)_4TX	29.53	0.89743

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5745MHz	Pass	1.94	24.36	23.67	23.75	23.63	29.88	30.00
5785MHz	Pass	1.94	24.46	23.66	23.84	23.78	29.97	30.00
5825MHz	Pass	1.94	24.12	23.47	23.79	23.62	29.78	30.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5745MHz	Pass	1.94	24.53	23.69	23.92	23.61	29.97	30.00
5785MHz	Pass	1.94	24.57	23.64	23.91	23.65	29.98	30.00
5825MHz	Pass	1.94	24.41	23.42	23.68	23.53	29.80	30.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5755MHz	Pass	1.94	24.13	23.77	23.83	23.57	29.85	30.00
5795MHz	Pass	1.94	23.95	23.83	23.96	23.45	29.82	30.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5775MHz	Pass	1.94	23.78	23.21	23.72	23.31	29.53	30.00
HE20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5745MHz	Pass	1.94	24.25	23.83	24.22	23.47	29.97	30.00
5785MHz	Pass	1.94	24.31	23.78	24.04	23.52	29.94	30.00
5825MHz	Pass	1.94	24.03	23.47	23.88	23.43	29.73	30.00
HE40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5755MHz	Pass	1.94	24.24	23.94	23.98	23.66	29.98	30.00
5795MHz	Pass	1.94	24.16	23.85	23.89	23.51	29.88	30.00
HE80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5775MHz	Pass	1.94	24.01	23.56	23.86	23.57	29.77	30.00
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5745MHz	Pass	7.96	22.29	21.71	21.92	21.46	27.88	28.04
5785MHz	Pass	7.96	22.34	21.48	21.85	21.42	27.81	28.04
5825MHz	Pass	7.96	22.27	21.69	21.73	21.37	27.80	28.04
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5755MHz	Pass	7.96	22.12	21.96	21.87	21.66	27.93	28.04
5795MHz	Pass	7.96	22.38	21.77	21.95	21.59	27.95	28.04
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5775MHz	Pass	7.96	22.27	21.52	21.89	21.38	27.80	28.04
HE20,BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5745MHz	Pass	7.96	22.41	21.83	21.98	21.46	27.95	28.04
5785MHz	Pass	7.96	22.24	21.69	21.79	21.34	27.80	28.04
5825MHz	Pass	7.96	22.06	21.71	21.78	21.23	27.73	28.04
HE40,BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5755MHz	Pass	7.96	22.15	21.83	22.07	21.64	27.95	28.04
5795MHz	Pass	7.96	22.28	21.87	22.03	21.77	28.01	28.04
HE80,BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5775MHz	Pass	7.96	22.07	21.66	21.84	21.45	27.78	28.04
802.11ac VHT20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5745MHz	Pass	4.95	24.56	23.62	23.69	23.58	29.90	30.00
5785MHz	Pass	4.95	24.63	23.45	23.57	23.62	29.86	30.00
5825MHz	Pass	4.95	24.42	23.59	23.77	23.61	29.88	30.00

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ac VHT40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5755MHz	Pass	4.95	24.28	23.67	23.85	23.47	29.85	30.00
5795MHz	Pass	4.95	24.51	23.78	23.72	23.38	29.89	30.00
802.11ac VHT80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5775MHz	Pass	4.95	23.63	23.09	23.43	23.11	29.34	30.00
HE20,BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5745MHz	Pass	4.95	24.38	23.78	23.81	23.46	29.89	30.00
5785MHz	Pass	4.95	24.63	23.52	23.73	23.59	29.91	30.00
5825MHz	Pass	4.95	24.41	23.66	24.05	23.49	29.94	30.00
HE40,BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5755MHz	Pass	4.95	24.16	23.91	23.86	23.57	29.90	30.00
5795MHz	Pass	4.95	24.36	23.62	23.81	23.58	29.87	30.00
HE80,BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5775MHz	Pass	4.95	23.75	23.25	23.54	23.47	29.53	30.00

DG = Directional Gain; **Port X** = Port X output power

For 5G B1
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	14.6
802.11ac VHT20_Nss1,(MCS0)_4TX	14.58
802.11ac VHT40_Nss1,(MCS0)_4TX	14.22
802.11ac VHT80_Nss1,(MCS0)_4TX	7.2
HE20_Nss1,(MCS0)_4TX	14.63
HE40_Nss1,(MCS0)_4TX	14.34
HE80_Nss1,(MCS0)_4TX	7.23
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	14.32
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	11.75
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	6.72
HE20,BF_Nss1,(MCS0)_4TX	14.29
HE40,BF_Nss1,(MCS0)_4TX	11.23
HE80,BF_Nss1,(MCS0)_4TX	5.09
802.11ac VHT20-BF_Nss2,(MCS0)_4TX	16.40
802.11ac VHT40-BF_Nss2,(MCS0)_4TX	12.80
802.11ac VHT80-BF_Nss2,(MCS0)_4TX	6.05
HE20,BF_Nss2,(MCS0)_4TX	15.94
HE40,BF_Nss2,(MCS0)_4TX	13.39
HE80,BF_Nss2,(MCS0)_4TX	5.15

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

Result

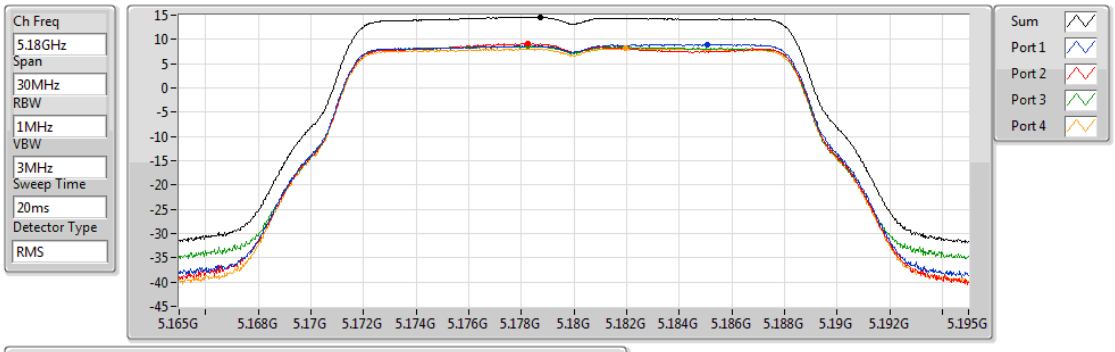
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.35	8.99	9.09	8.56	8.16	14.57	14.65
5200MHz	Pass	8.35	9.34	8.89	8.63	8.25	14.60	14.65
5240MHz	Pass	8.35	9.87	9.36	8.43	7.85	14.60	14.65
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.35	9.27	8.95	8.53	8.07	14.49	14.65
5200MHz	Pass	8.35	9.44	8.94	8.58	8.24	14.58	14.65
5240MHz	Pass	8.35	9.61	9.25	8.42	7.9	14.57	14.65
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.35	4.22	4.16	3.55	3.28	9.67	14.65
5230MHz	Pass	8.35	8.97	8.91	8.07	7.74	14.22	14.65
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.35	1.94	1.65	1.06	0.77	7.20	14.65
HE20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.35	9.27	8.95	8.57	8.19	14.55	14.65
5200MHz	Pass	8.35	9.55	8.9	8.55	8.23	14.59	14.65
5240MHz	Pass	8.35	9.78	9.28	8.51	7.95	14.63	14.65
HE40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.35	4.54	4.55	3.99	3.65	10.03	14.65
5230MHz	Pass	8.35	9.08	8.94	8.25	7.8	14.34	14.65
HE80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.35	2.09	1.55	1.2	0.83	7.23	14.65
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.35	9.20	8.89	8.04	7.93	14.32	14.65
5200MHz	Pass	8.35	8.87	10.63	8.13	9.05	14.16	14.65
5240MHz	Pass	8.35	10.52	9.84	7.99	8.17	14.16	14.65
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.35	3.61	2.87	5.47	3.13	8.73	14.65
5230MHz	Pass	8.35	5.79	9.11	6.54	6.94	11.75	14.65
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.35	1.60	1.00	0.99	0.74	6.72	14.65
HE20,BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.35	7.67	7.15	6.57	6.37	12.81	14.65
5200MHz	Pass	8.35	9.66	8.51	7.19	7.13	13.34	14.65
5240MHz	Pass	8.35	9.83	11.55	7.83	8.03	14.29	14.65
HE40,BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.35	4.26	2.74	7.83	2.63	9.25	14.65
5230MHz	Pass	8.35	6.36	8.37	5.08	6.59	11.23	14.65
HE80,BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.35	-0.17	0.02	0.08	1.24	5.09	14.65
802.11ac VHT20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.34	9.05	9.50	8.69	8.57	14.27	17.00
5200MHz	Pass	5.34	11.29	11.82	11.06	10.36	16.40	17.00
5240MHz	Pass	5.34	11.28	11.48	10.65	10.88	16.35	17.00

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ac VHT40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.34	4.82	5.87	5.39	4.43	10.32	17.00
5230MHz	Pass	5.34	7.61	8.13	7.57	7.13	12.80	17.00
802.11ac VHT80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.34	0.63	1.89	1.17	0.59	6.05	17.00
HE20,BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.34	8.30	8.59	8.05	7.59	13.30	17.00
5200MHz	Pass	5.34	10.31	10.88	10.56	10.39	15.94	17.00
5240MHz	Pass	5.34	10.52	11.06	9.69	9.54	15.90	17.00
HE40,BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.34	4.00	4.23	5.64	3.61	9.44	17.00
5230MHz	Pass	5.34	7.86	7.09	7.27	7.82	13.39	17.00
HE80,BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.34	-0.18	0.21	-0.13	0.52	5.15	17.00

DG = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

802.11a_Nss1,(6Mbps)_4TX PSD

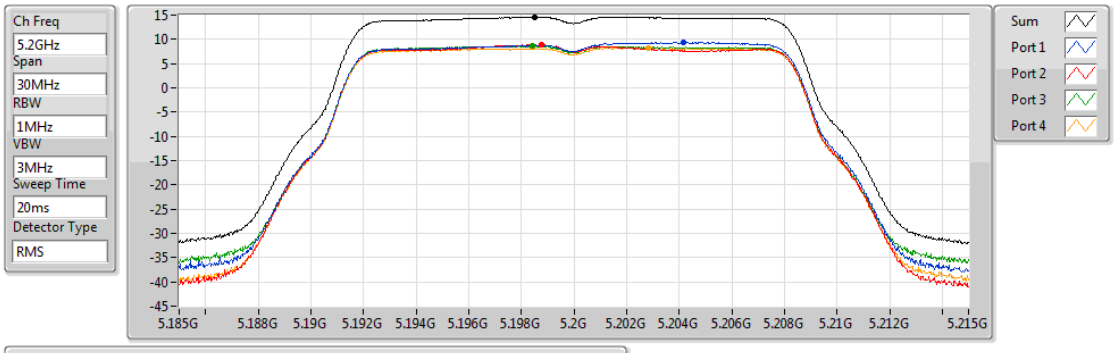
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.57	14.57	8.99	9.09	8.56	8.16

802.11a_Nss1,(6Mbps)_4TX PSD

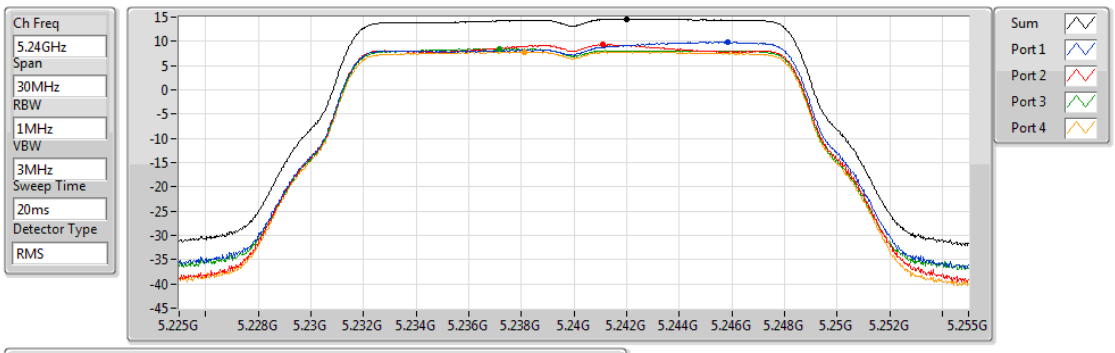
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.60	14.60	9.34	8.89	8.63	8.25

802.11a_Nss1,(6Mbps)_4TX PSD

5240MHz

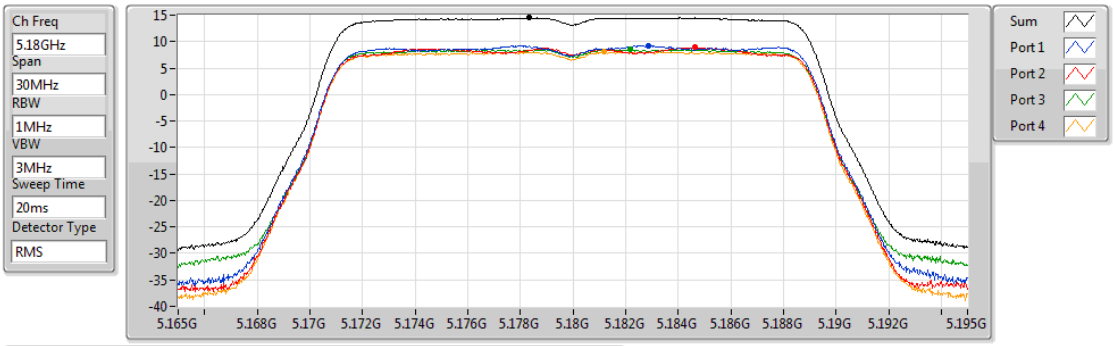


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.60	14.60	9.87	9.36	8.43	7.85

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5180MHz

12/01/2018

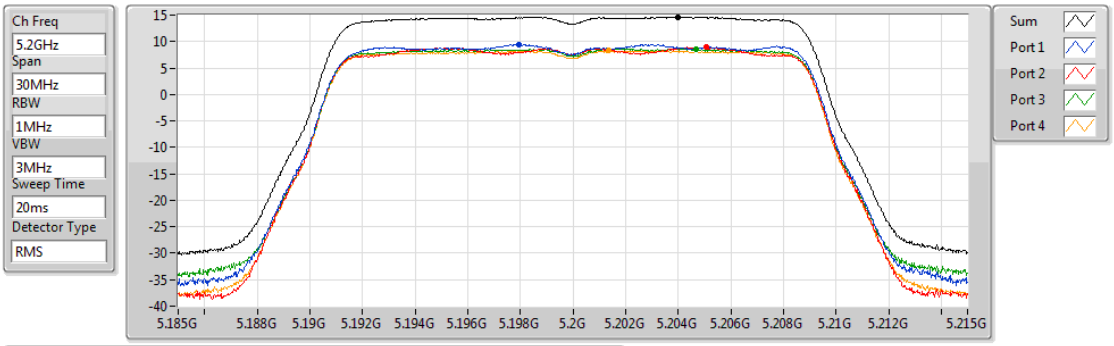


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.49	14.49	9.27	8.95	8.53	8.07

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5200MHz

12/01/2018

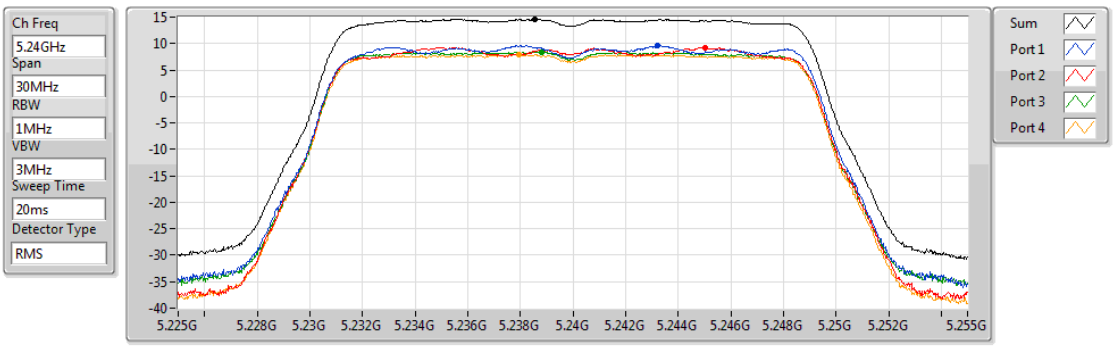


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.58	14.58	9.44	8.94	8.58	8.24

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5240MHz

12/01/2018



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.57	14.57	9.61	9.25	8.42	7.90

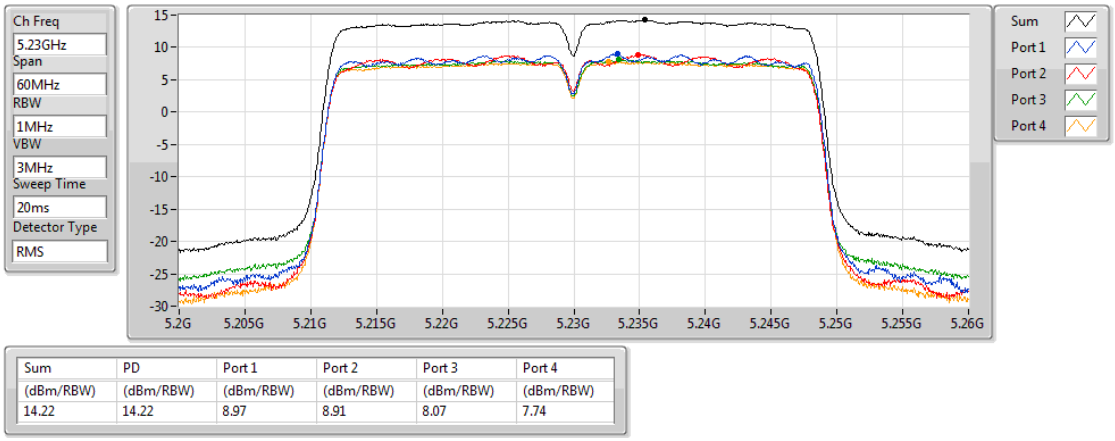
802.11ac VHT40_Nss1,(MCS0)_4TX PSD

5190MHz

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.67	9.67	4.22	4.16	3.55	3.28

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

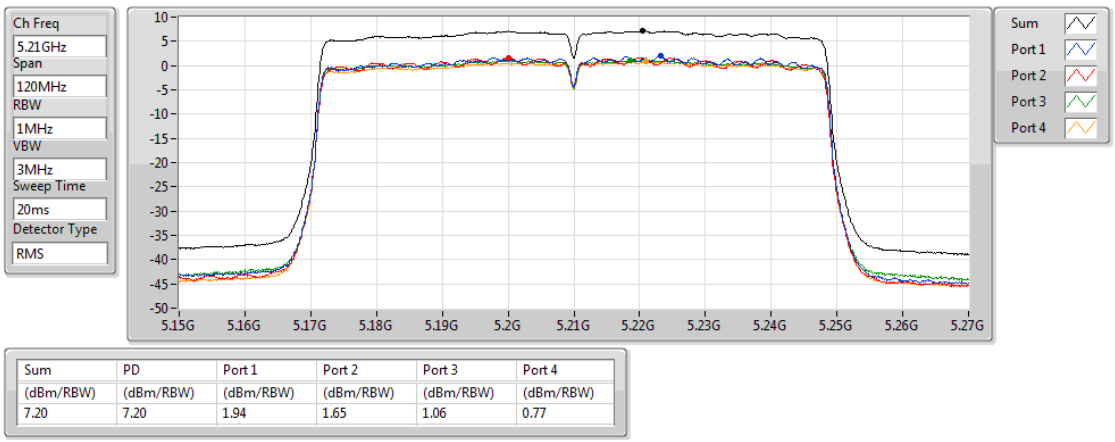
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.22	14.22	8.97	8.91	8.07	7.74

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

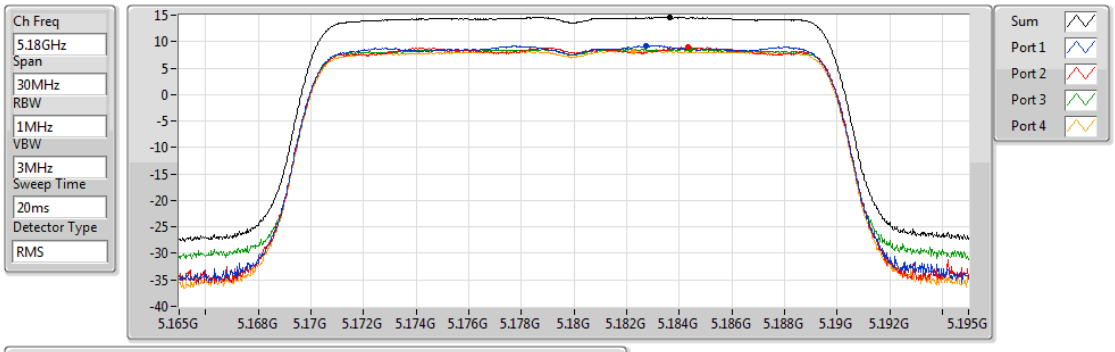
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.20	7.20	1.94	1.65	1.06	0.77

HE20_Nss1,(MCS0)_4TX PSD

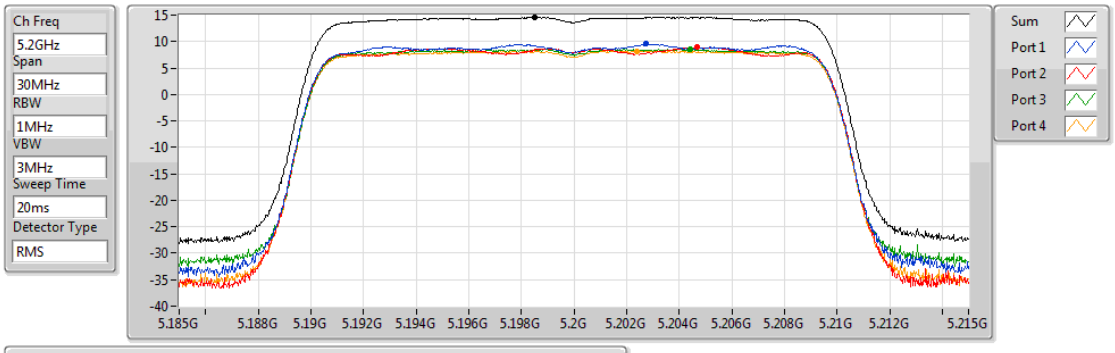
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.55	14.55	9.27	8.95	8.57	8.19

HE20_Nss1,(MCS0)_4TX PSD

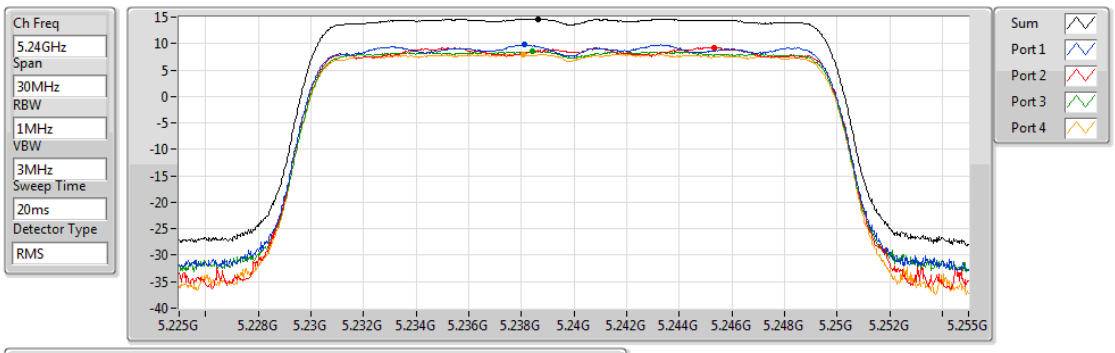
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.59	14.59	9.55	8.90	8.55	8.23

HE20_Nss1,(MCS0)_4TX PSD

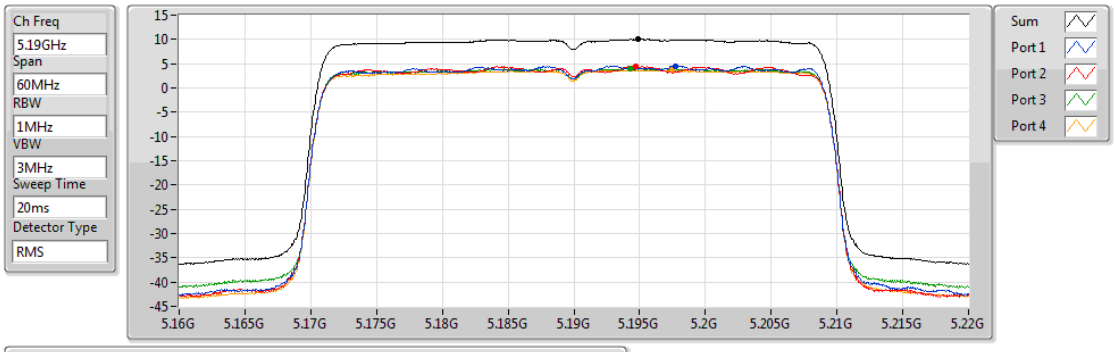
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.63	14.63	9.78	9.28	8.51	7.95

HE40_Nss1,(MCS0)_4TX PSD

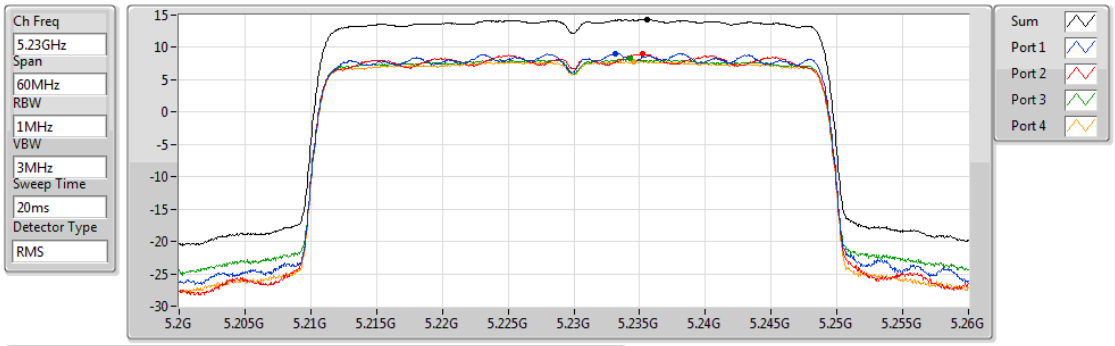
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.03	10.03	4.54	4.55	3.99	3.65

HE40_Nss1,(MCS0)_4TX PSD

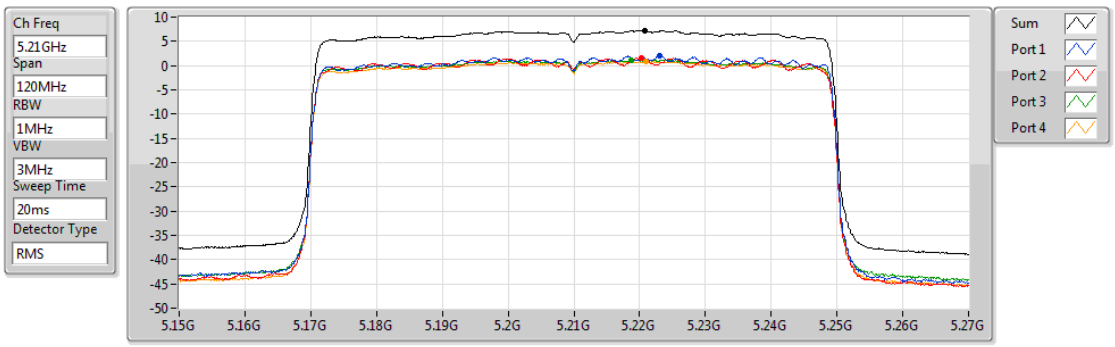
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.34	14.34	9.08	8.94	8.25	7.80

HE80_Nss1,(MCS0)_4TX PSD

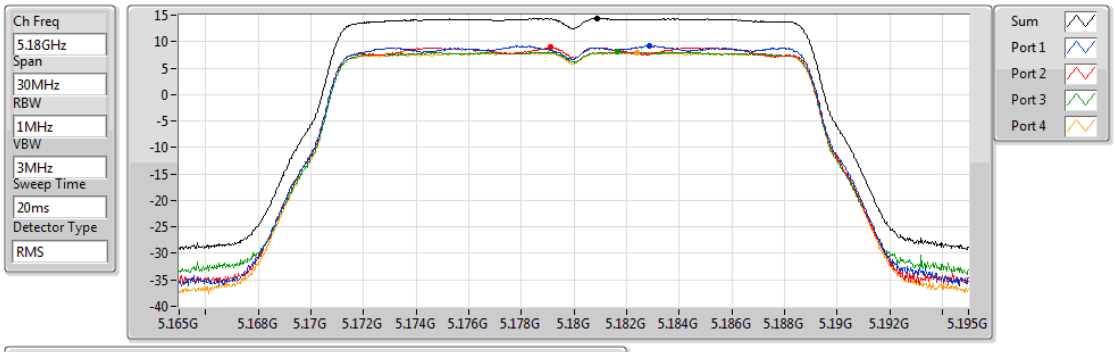
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.23	7.23	2.09	1.55	1.20	0.83

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

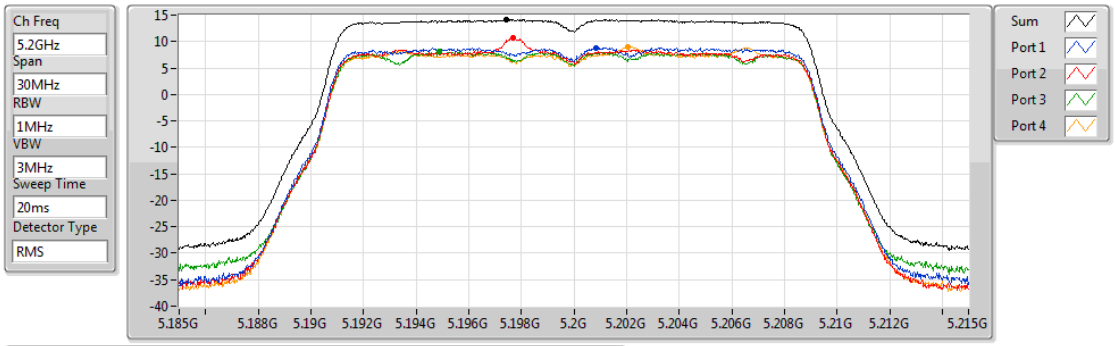
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.32	14.32	9.20	8.89	8.04	7.93

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

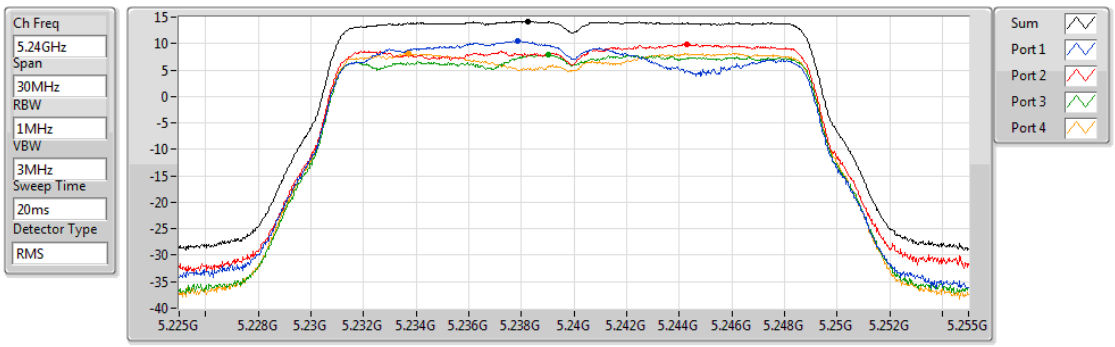
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.16	14.16	8.87	10.63	8.13	9.05

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

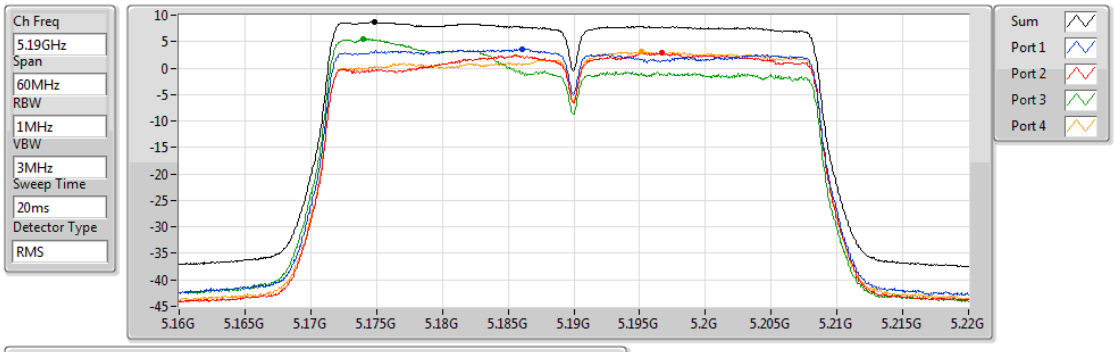
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.16	14.16	10.52	9.84	7.99	8.17

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

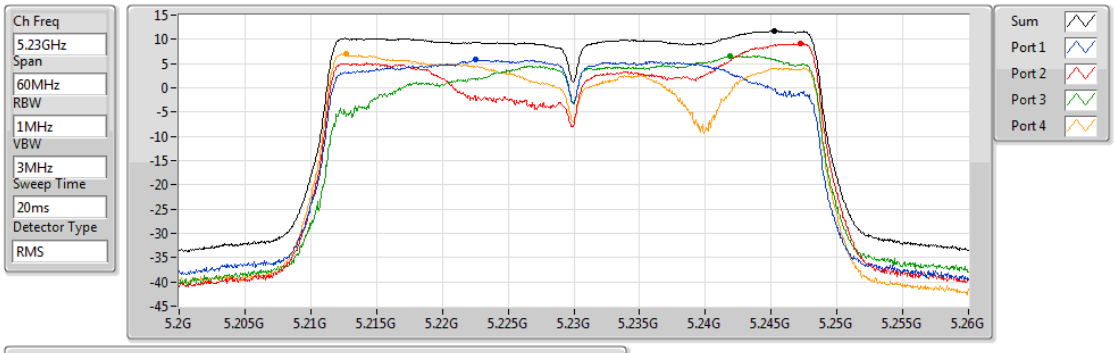
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.73	8.73	3.61	2.87	5.47	3.13

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

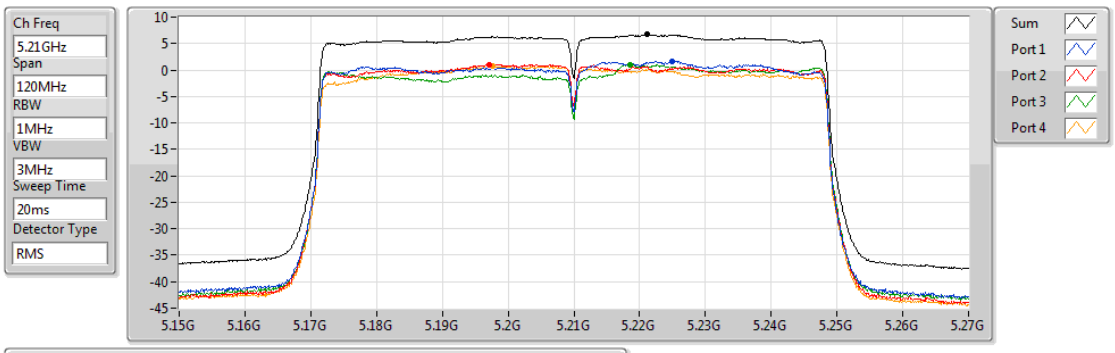
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.75	11.75	5.79	9.11	6.54	6.94

802.11ac VHT80-BF_Nss1,(MCS0)_4TX PSD

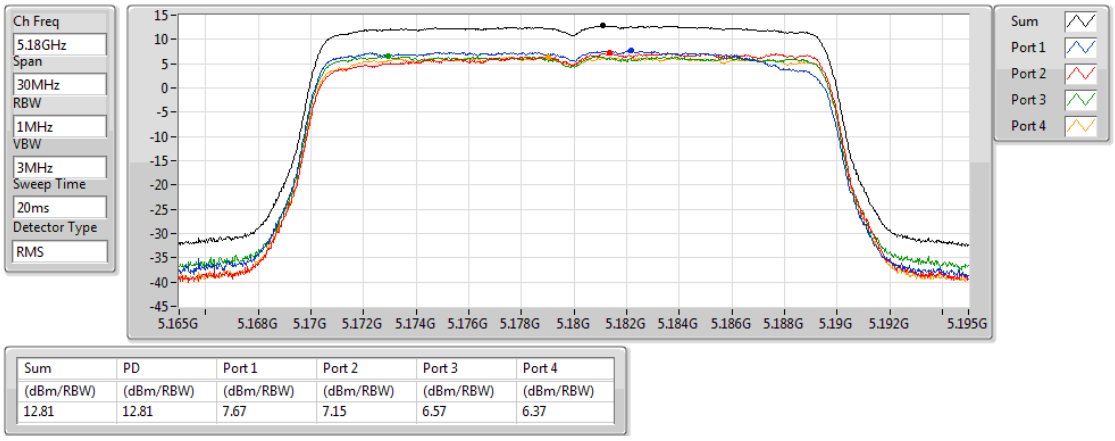
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.72	6.72	1.60	1.00	0.99	0.74

HE20,BF_Nss1,(MCS0)_4TX PSD

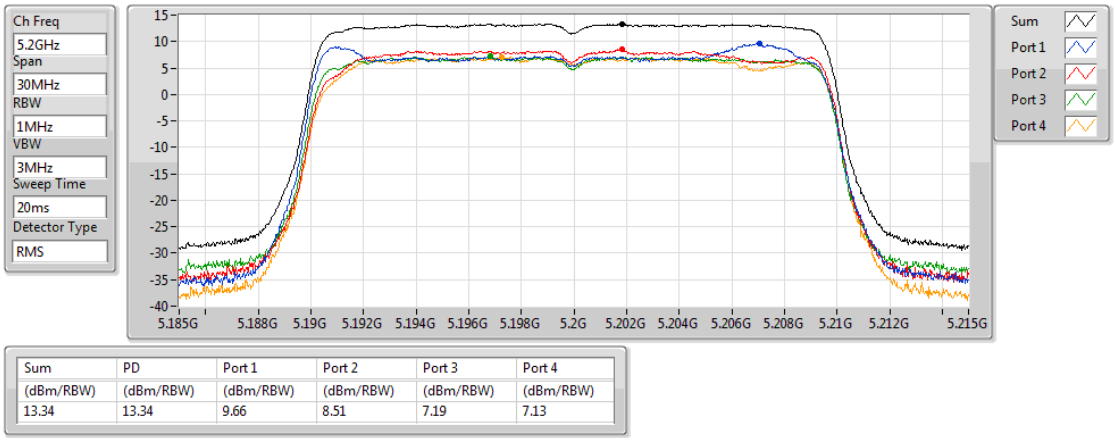
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.81	12.81	7.67	7.15	6.57	6.37

HE20,BF_Nss1,(MCS0)_4TX PSD

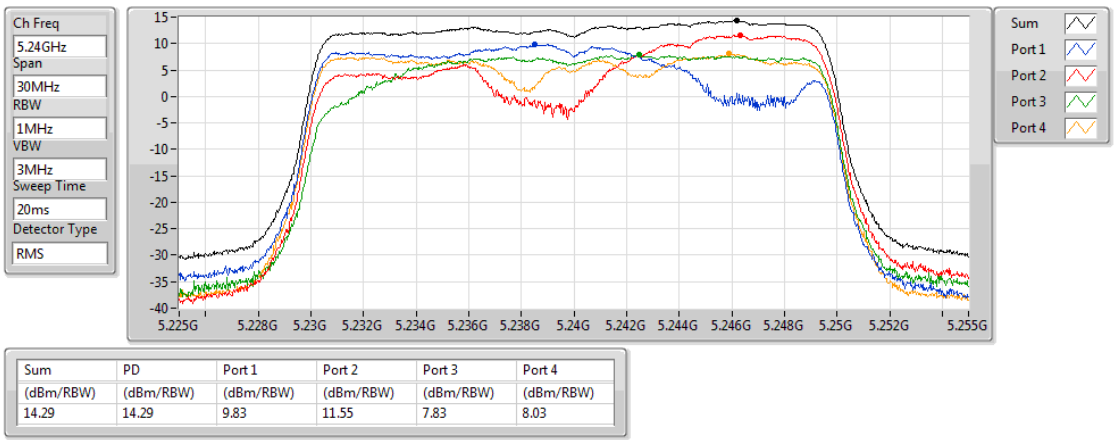
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.34	13.34	9.66	8.51	7.19	7.13

HE20,BF_Nss1,(MCS0)_4TX PSD

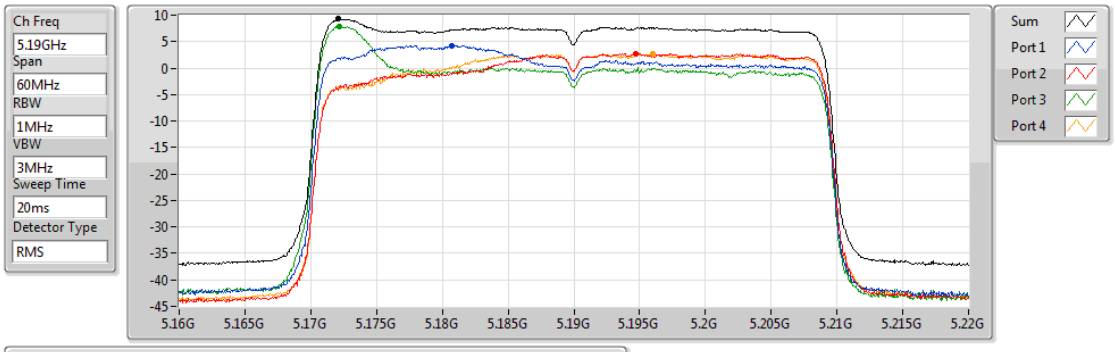
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.29	14.29	9.83	11.55	7.83	8.03

HE40,BF_Nss1,(MCS0)_4TX PSD

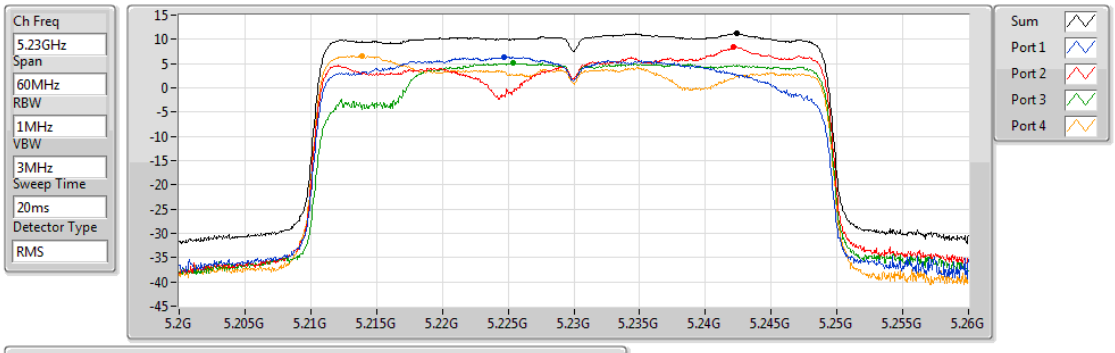
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.25	9.25	4.26	2.74	7.83	2.63

HE40,BF_Nss1,(MCS0)_4TX PSD

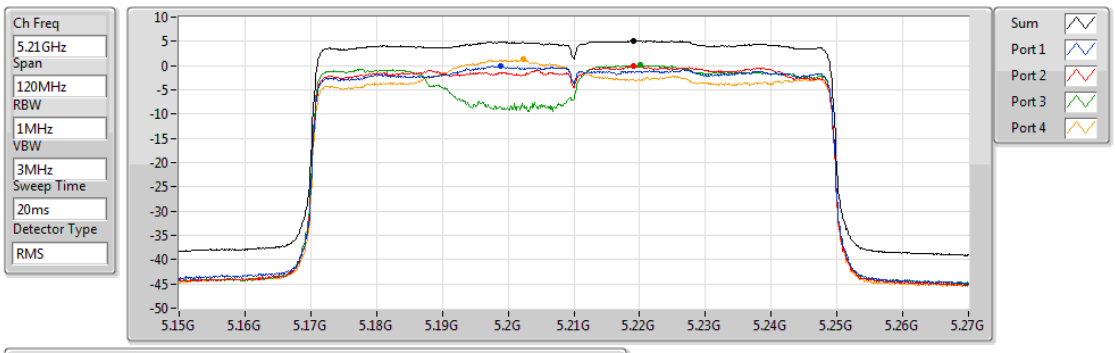
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.23	11.23	6.36	8.37	5.08	6.59

HE80,BF_Nss1,(MCS0)_4TX PSD

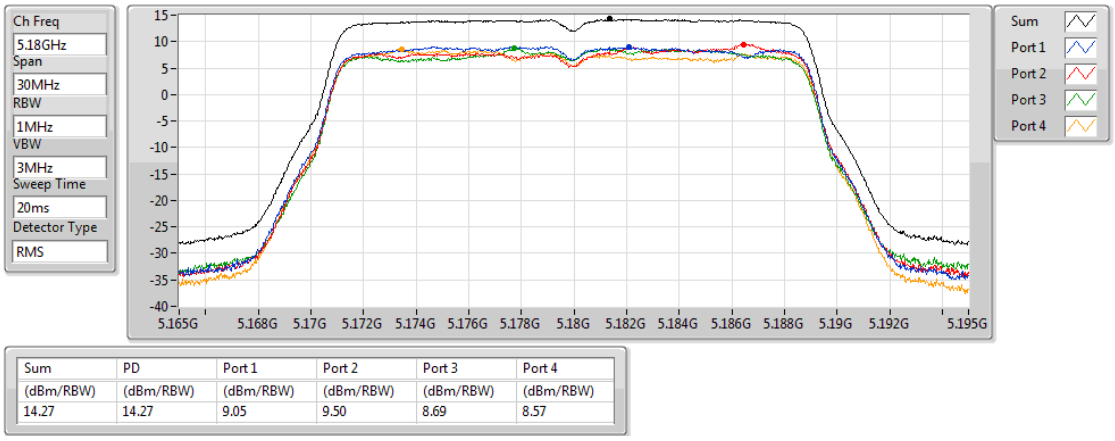
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.09	5.09	-0.17	0.02	0.08	1.24

802.11ac VHT20-BF_Nss2,(MCS0)_4TX PSD

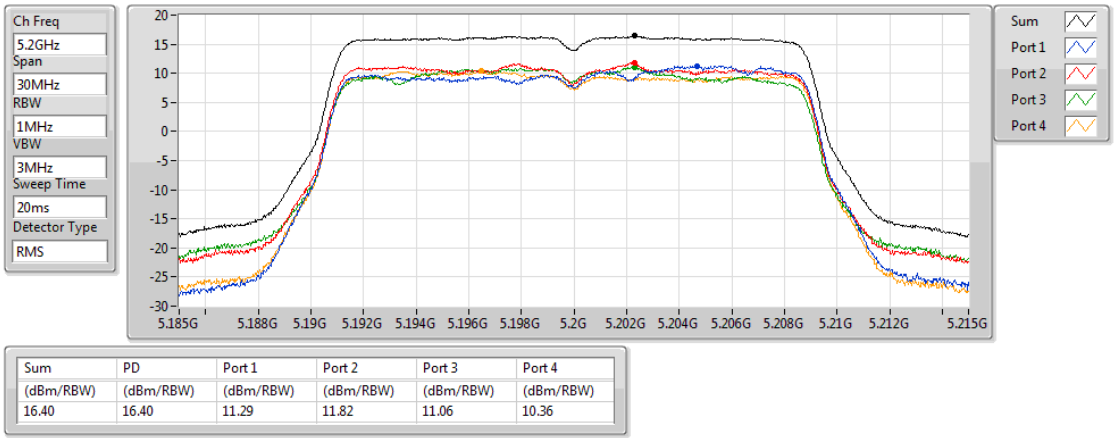
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.27	14.27	9.05	9.50	8.69	8.57

802.11ac VHT20-BF_Nss2,(MCS0)_4TX PSD

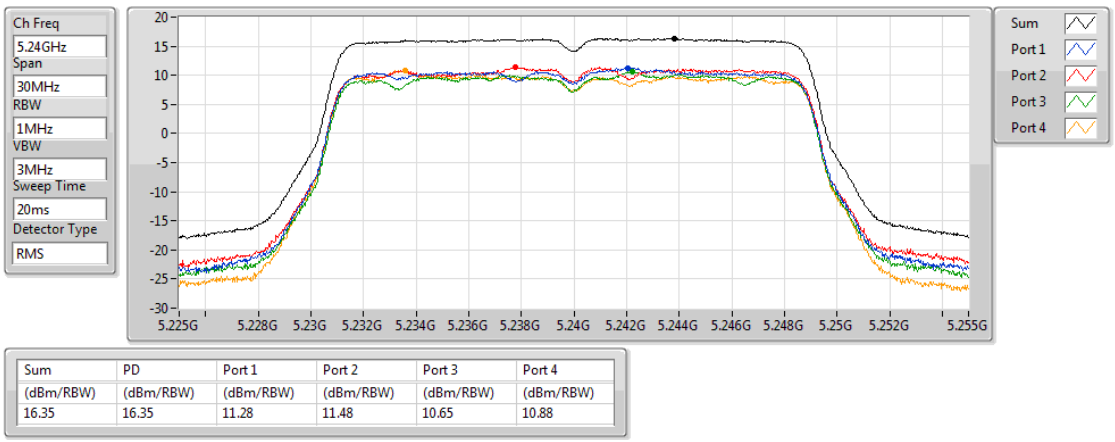
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.40	16.40	11.29	11.82	11.06	10.36

802.11ac VHT20-BF_Nss2,(MCS0)_4TX PSD

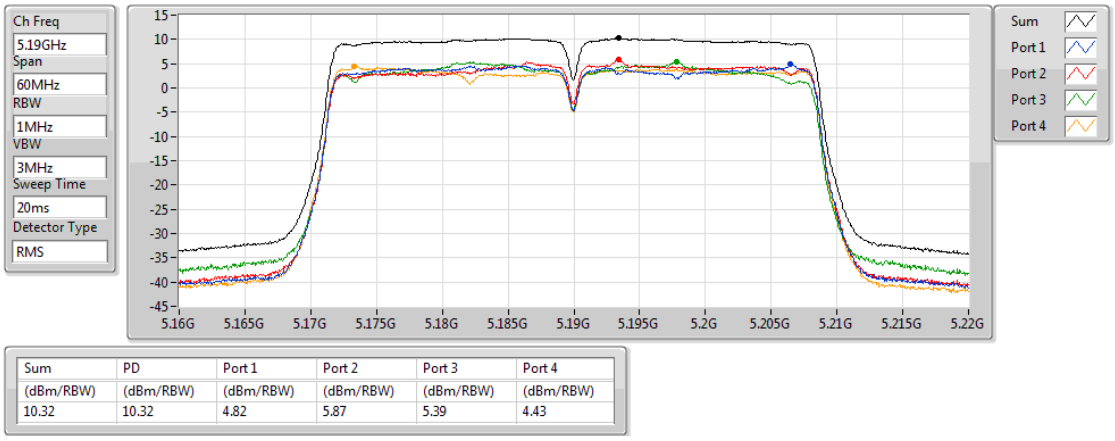
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.35	16.35	11.28	11.48	10.65	10.88

802.11ac VHT40-BF_Nss2,(MCS0)_4TX PSD

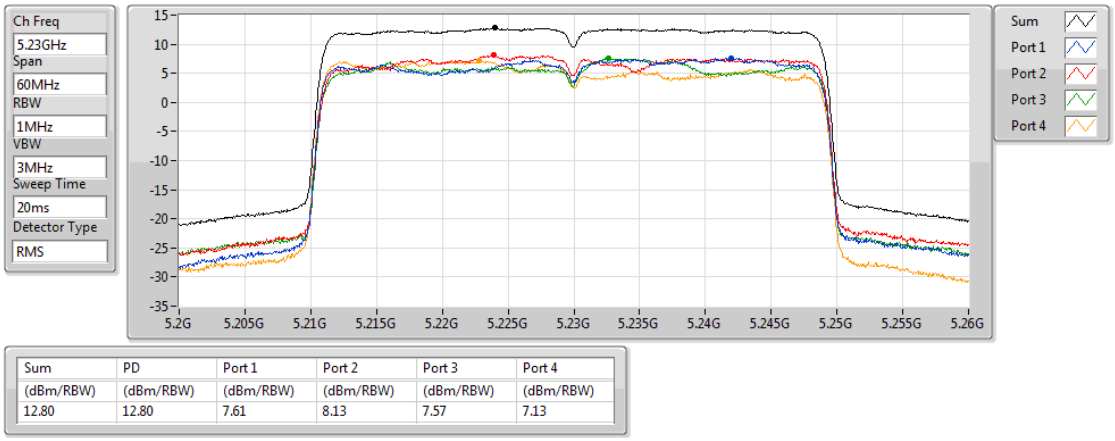
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.32	10.32	4.82	5.87	5.39	4.43

802.11ac VHT40-BF_Nss2,(MCS0)_4TX PSD

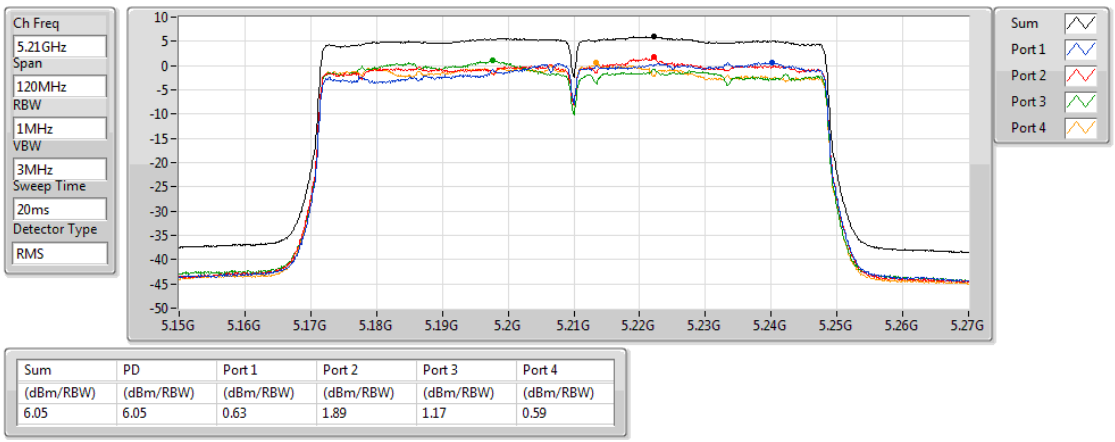
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.80	12.80	7.61	8.13	7.57	7.13

802.11ac VHT80-BF_Nss2,(MCS0)_4TX PSD

5210MHz

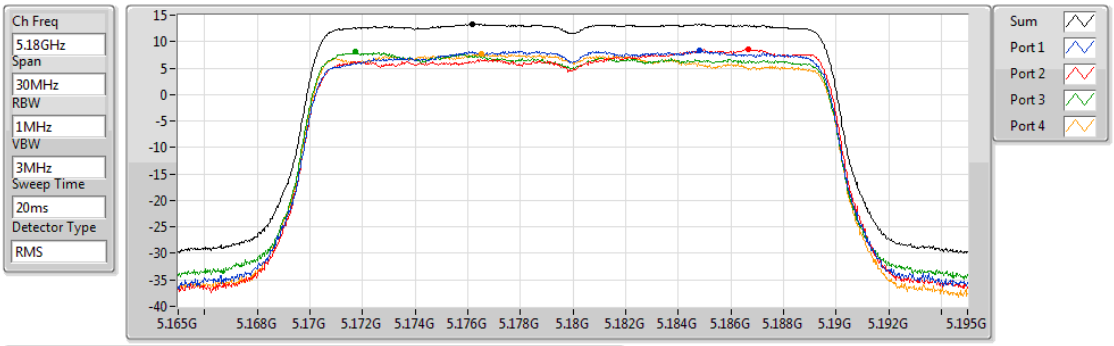


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.05	6.05	0.63	1.89	1.17	0.59

HE20,BF_Nss2,(MCS0)_4TX PSD

5180MHz

25/01/2018

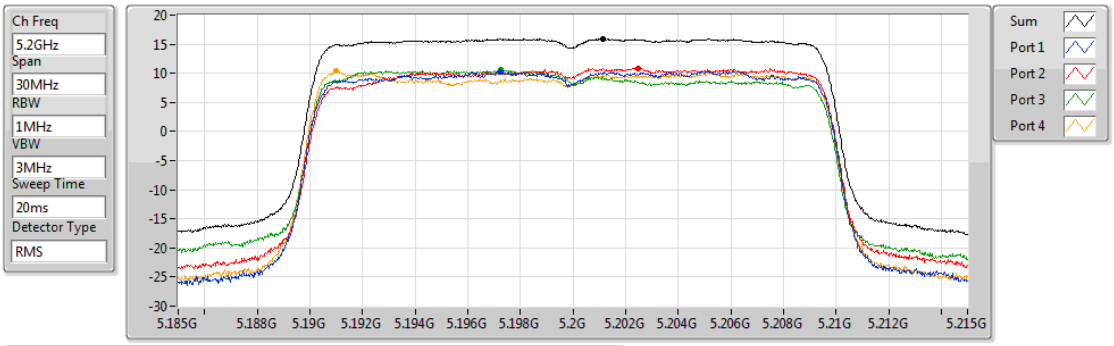


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.30	13.30	8.30	8.59	8.05	7.59

HE20,BF_Nss2,(MCS0)_4TX PSD

5200MHz

25/01/2018

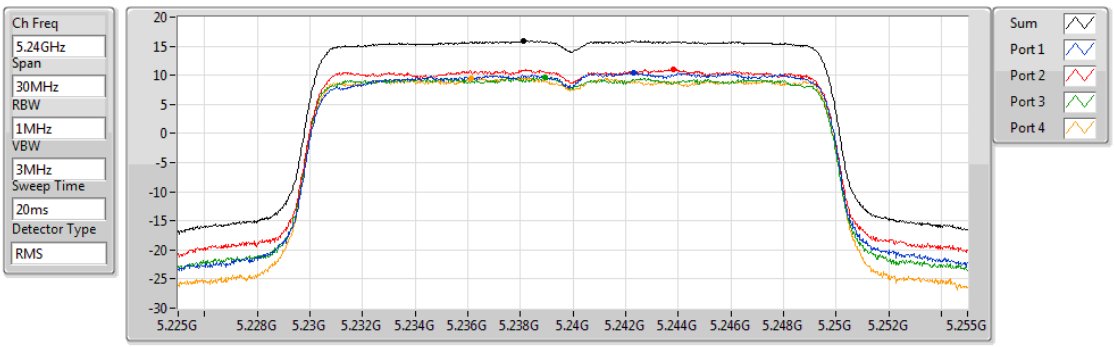


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.94	15.94	10.31	10.88	10.56	10.39

HE20,BF_Nss2,(MCS0)_4TX PSD

5240MHz

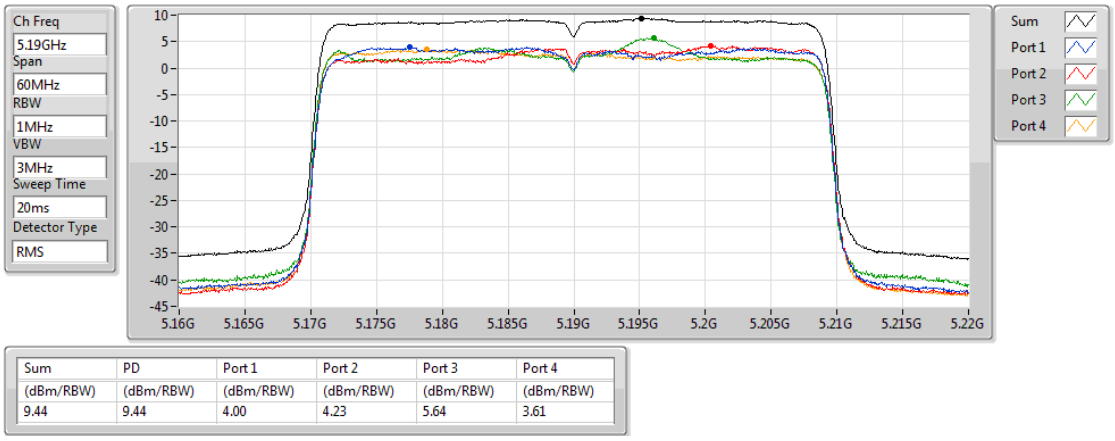
25/01/2018



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.90	15.90	10.52	11.06	9.69	9.54

HE40,BF_Nss2,(MCS0)_4TX PSD

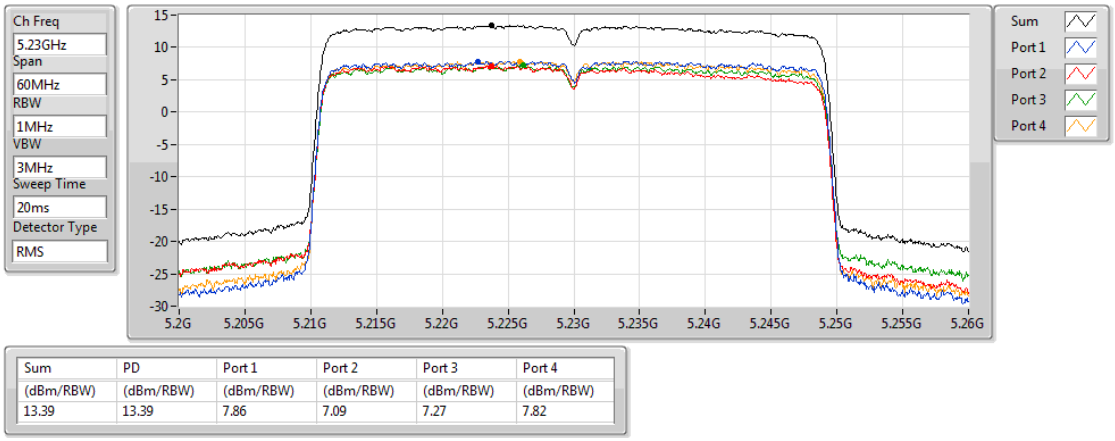
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.44	9.44	4.00	4.23	5.64	3.61

HE40,BF_Nss2,(MCS0)_4TX PSD

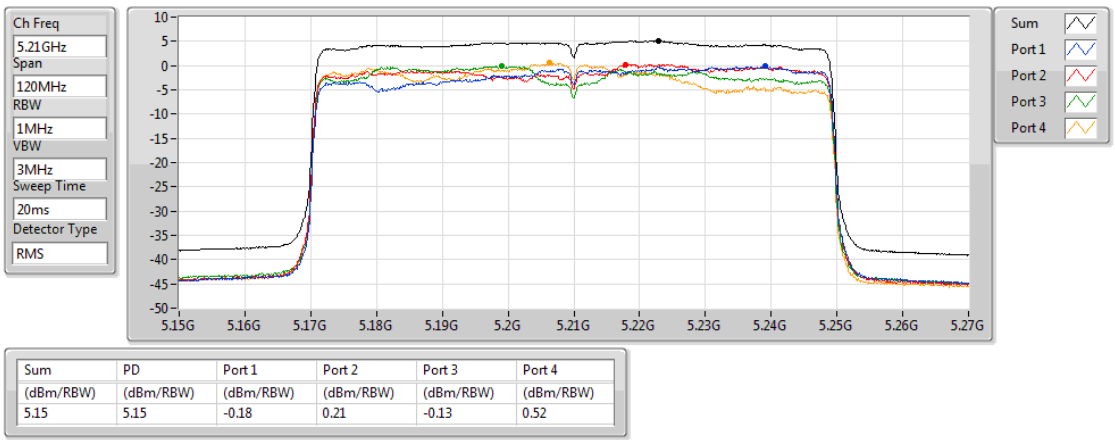
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.39	13.39	7.86	7.09	7.27	7.82

HE80,BF_Nss2,(MCS0)_4TX PSD

5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.15	5.15	-0.18	0.21	-0.13	0.52

For 5G B4

Summary

Mode	PD (dBm/RBW)
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	15.87
802.11ac VHT20_Nss1,(MCS0)_4TX	15.63
802.11ac VHT40_Nss1,(MCS0)_4TX	12.72
802.11ac VHT80_Nss1,(MCS0)_4TX	9.14
HE20_Nss1,(MCS0)_4TX	15.66
HE40_Nss1,(MCS0)_4TX	12.47
HE80_Nss1,(MCS0)_4TX	9.64
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	13.86
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	10.68
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	7.71
HE20,BF_Nss1,(MCS0)_4TX	13.53
HE40,BF_Nss1,(MCS0)_4TX	10.56
HE80,BF_Nss1,(MCS0)_4TX	7.51
802.11ac VHT20-BF_Nss2,(MCS0)_4TX	15.44
802.11ac VHT40-BF_Nss2,(MCS0)_4TX	12.58
802.11ac VHT80-BF_Nss2,(MCS0)_4TX	9.12
HE20,BF_Nss2,(MCS0)_4TX	15.44
HE40,BF_Nss2,(MCS0)_4TX	12.63
HE80,BF_Nss2,(MCS0)_4TX	9.52

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

Result

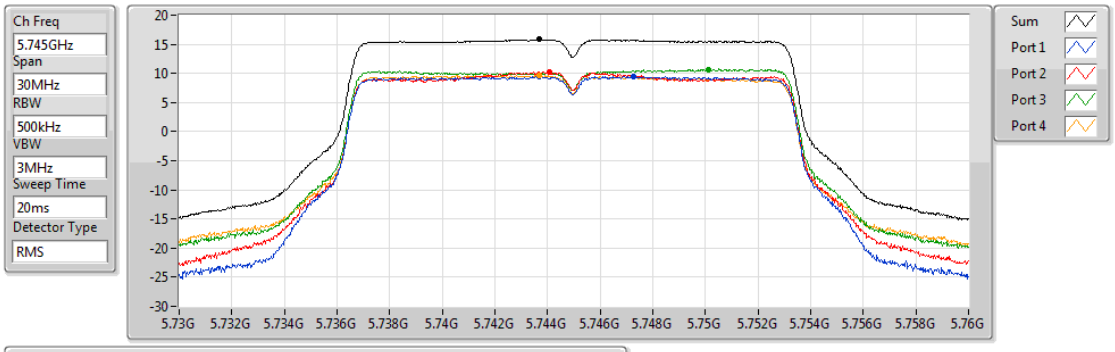
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5745MHz	Pass	7.96	9.48	10.25	10.72	9.72	15.81	28.04
5785MHz	Pass	7.96	9.31	10.29	11.20	9.71	15.87	28.04
5825MHz	Pass	7.96	9.08	9.84	11.02	9.87	15.73	28.04
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5745MHz	Pass	7.96	8.93	9.84	10.54	9.27	15.43	28.04
5785MHz	Pass	7.96	9.26	9.67	10.72	9.24	15.54	28.04
5825MHz	Pass	7.96	8.91	9.32	11.26	9.43	15.63	28.04
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5755MHz	Pass	7.96	6.40	7.09	7.67	6.41	12.72	28.04
5795MHz	Pass	7.96	6.19	7.14	7.83	6.33	12.67	28.04
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5775MHz	Pass	7.96	2.68	3.82	4.17	2.98	9.14	28.04
HE20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5745MHz	Pass	7.96	9.14	9.97	10.70	9.50	15.66	28.04
5785MHz	Pass	7.96	9.09	9.78	10.87	9.17	15.59	28.04
5825MHz	Pass	7.96	8.79	9.07	10.79	9.10	15.35	28.04
HE40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5755MHz	Pass	7.96	6.05	6.97	7.35	6.37	12.47	28.04
5795MHz	Pass	7.96	5.97	6.88	7.51	6.35	12.43	28.04
HE80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5775MHz	Pass	7.96	3.37	4.09	4.76	3.40	9.64	28.04
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5745MHz	Pass	7.96	7.14	8.30	8.98	7.69	13.86	28.04
5785MHz	Pass	7.96	7.21	7.97	9.10	7.47	13.81	28.04
5825MHz	Pass	7.96	7.29	7.80	9.30	7.53	13.83	28.04
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5755MHz	Pass	7.96	4.27	4.91	5.33	4.61	10.55	28.04
5795MHz	Pass	7.96	4.23	5.04	5.73	4.63	10.68	28.04
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5775MHz	Pass	7.96	1.08	2.36	2.85	1.62	7.71	28.04
HE20,BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5745MHz	Pass	7.96	6.92	7.88	8.63	7.36	13.53	28.04
5785MHz	Pass	7.96	6.73	7.79	8.63	7.31	13.45	28.04
5825MHz	Pass	7.96	6.36	6.97	8.85	7.10	13.25	28.04
HE40,BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5755MHz	Pass	7.96	4.07	4.89	5.47	4.58	10.55	28.04
5795MHz	Pass	7.96	3.99	4.89	5.66	4.53	10.56	28.04
HE80,BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5775MHz	Pass	7.96	0.93	1.96	2.56	1.48	7.51	28.04
802.11ac VHT20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5745MHz	Pass	4.95	9.04	9.73	10.40	9.16	15.44	30.00
5785MHz	Pass	4.95	9.04	9.45	10.70	8.95	15.44	30.00
5825MHz	Pass	4.95	8.67	9.14	10.77	9.25	15.34	30.00

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ac VHT40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5755MHz	Pass	4.95	6.11	7.25	7.45	6.49	12.58	30.00
5795MHz	Pass	4.95	6.00	7.10	7.63	6.39	12.57	30.00
802.11ac VHT80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5775MHz	Pass	4.95	2.87	3.46	4.11	2.91	9.12	30.00
HE20,BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5745MHz	Pass	4.95	8.77	9.55	10.24	8.89	15.23	30.00
5785MHz	Pass	4.95	8.91	9.55	10.63	9.07	15.41	30.00
5825MHz	Pass	4.95	8.82	9.07	10.86	9.26	15.44	30.00
HE40,BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5755MHz	Pass	4.95	6.23	7.00	7.58	6.49	12.63	30.00
5795MHz	Pass	4.95	5.99	6.94	7.63	6.20	12.51	30.00
HE80,BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5775MHz	Pass	4.95	3.01	3.95	4.64	3.27	9.52	30.00

DG = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

802.11a_Nss1,(6Mbps)_4TX PSD

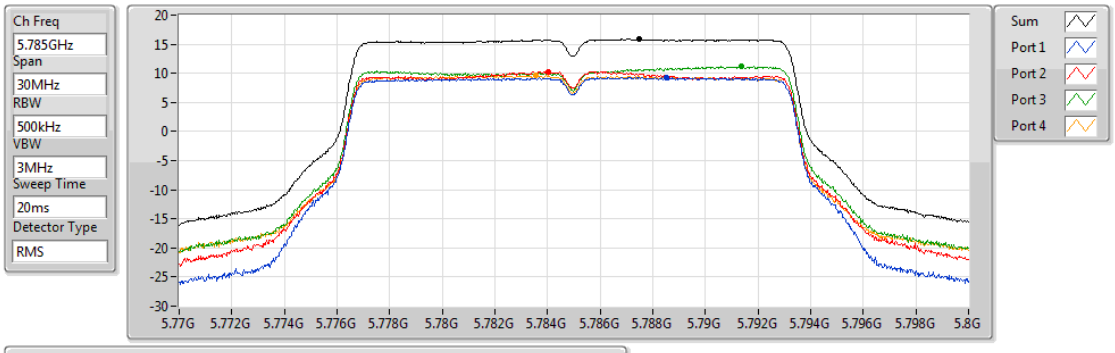
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.81	15.81	9.48	10.25	10.72	9.72

802.11a_Nss1,(6Mbps)_4TX PSD

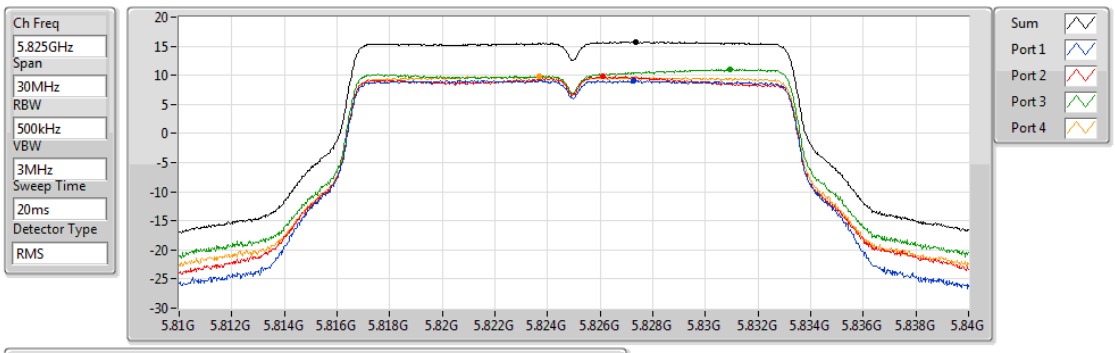
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.87	15.87	9.31	10.29	11.20	9.71

802.11a_Nss1,(6Mbps)_4TX PSD

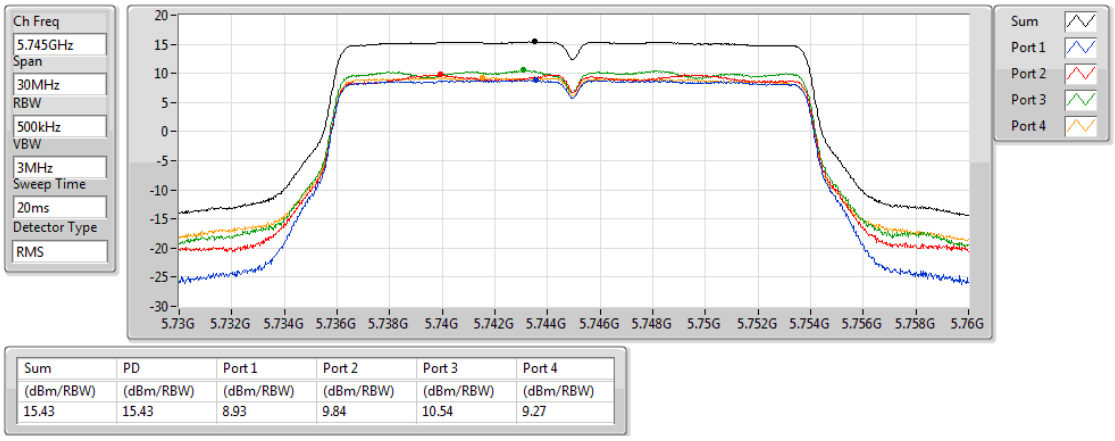
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.73	15.73	9.08	9.84	11.02	9.87

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

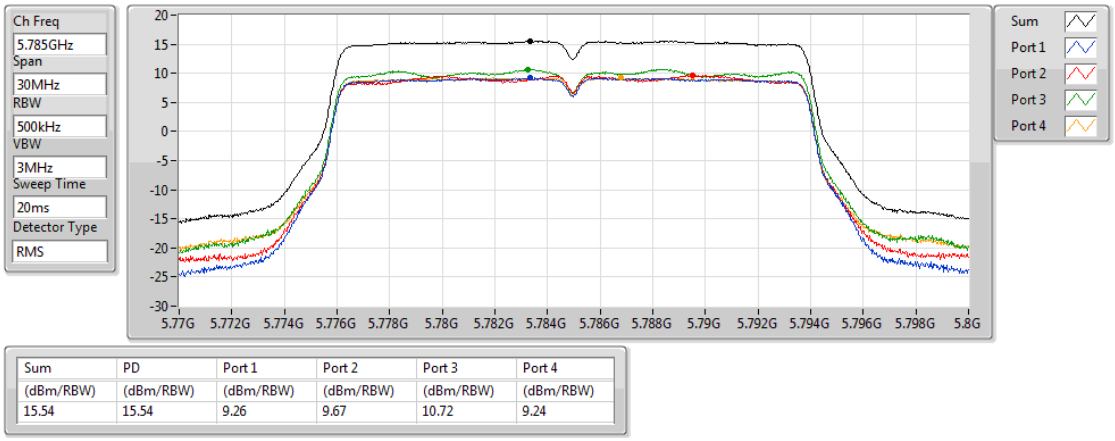
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.43	15.43	8.93	9.84	10.54	9.27

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

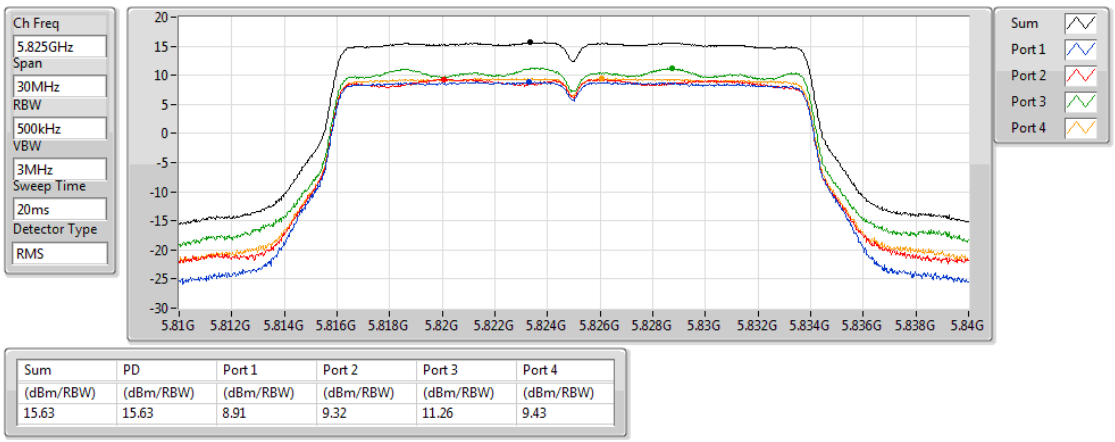
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.54	15.54	9.26	9.67	10.72	9.24

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

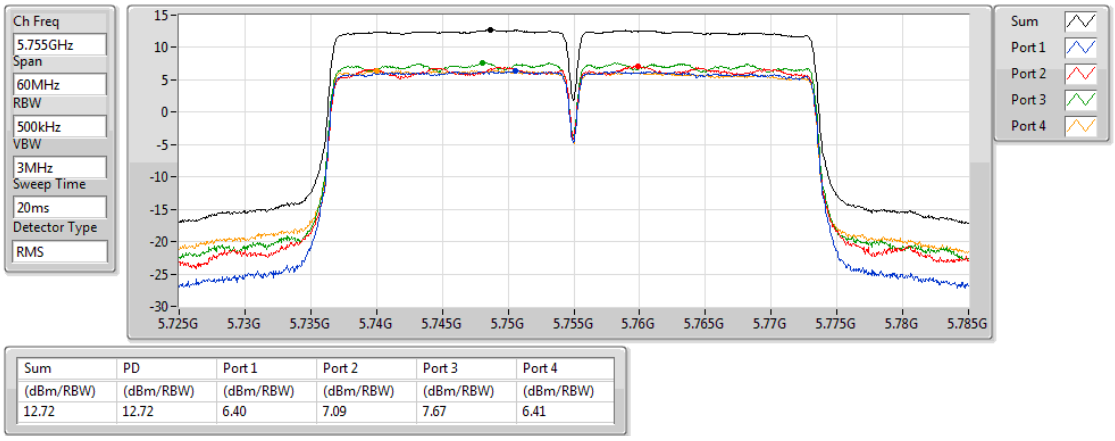
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.63	15.63	8.91	9.32	11.26	9.43

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

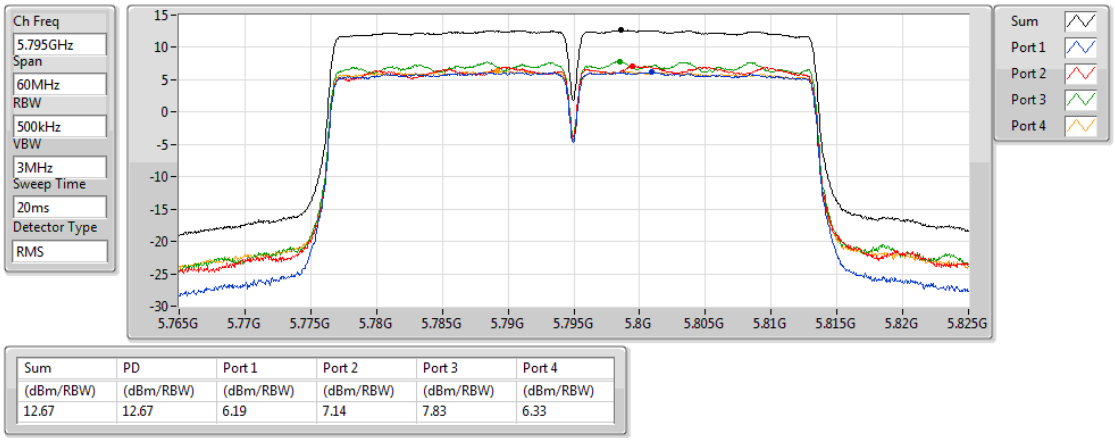
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.72	12.72	6.40	7.09	7.67	6.41

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.67	12.67	6.19	7.14	7.83	6.33

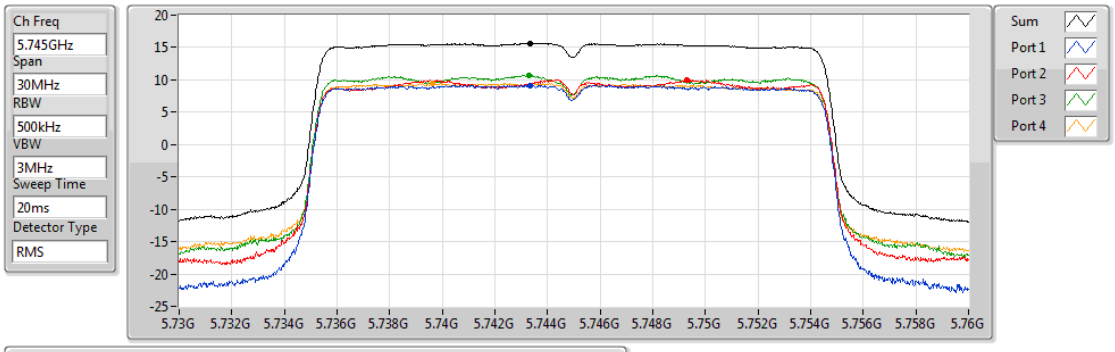
802.11ac VHT80_Nss1,(MCS0)_4TX PSD

5775MHz

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.14	9.14	2.68	3.82	4.17	2.98

HE20_Nss1,(MCS0)_4TX PSD

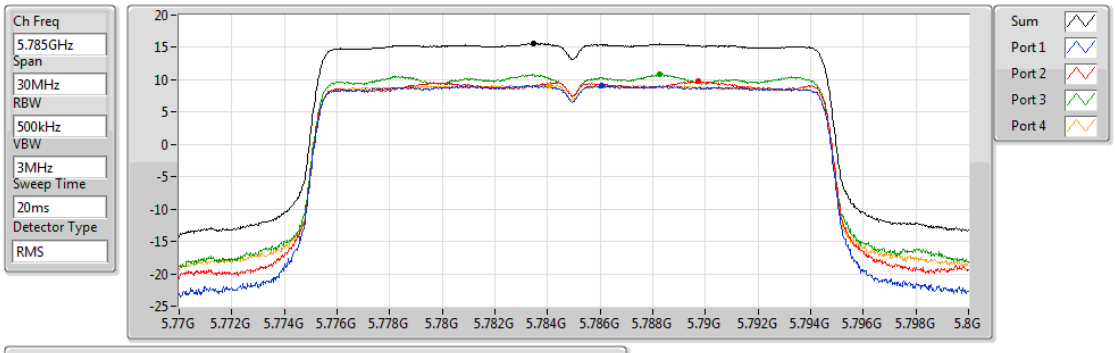
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.66	15.66	9.14	9.97	10.70	9.50

HE20_Nss1,(MCS0)_4TX PSD

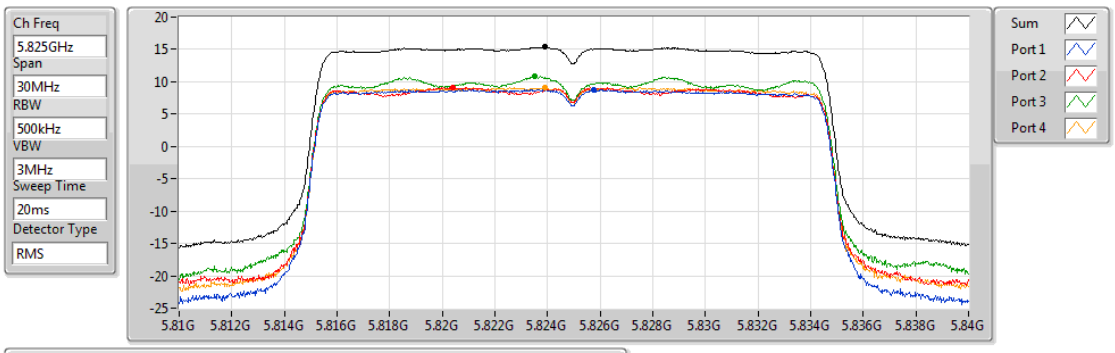
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.59	15.59	9.09	9.78	10.87	9.17

HE20_Nss1,(MCS0)_4TX PSD

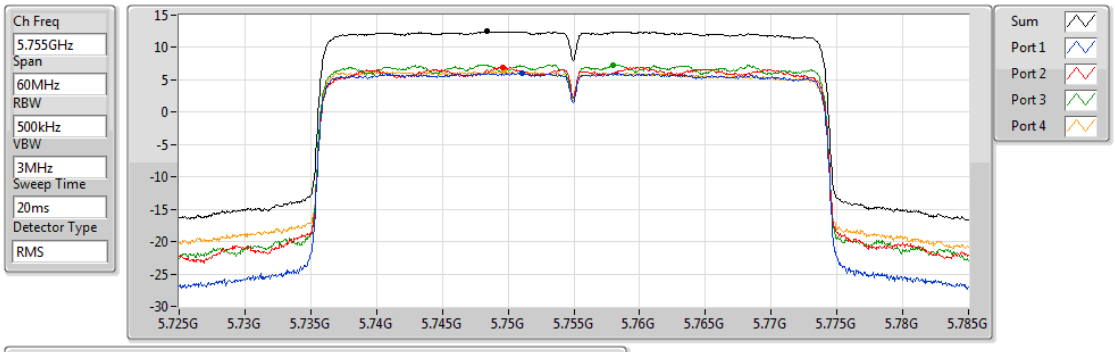
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.35	15.35	8.79	9.07	10.79	9.10

HE40_Nss1,(MCS0)_4TX **PSD**

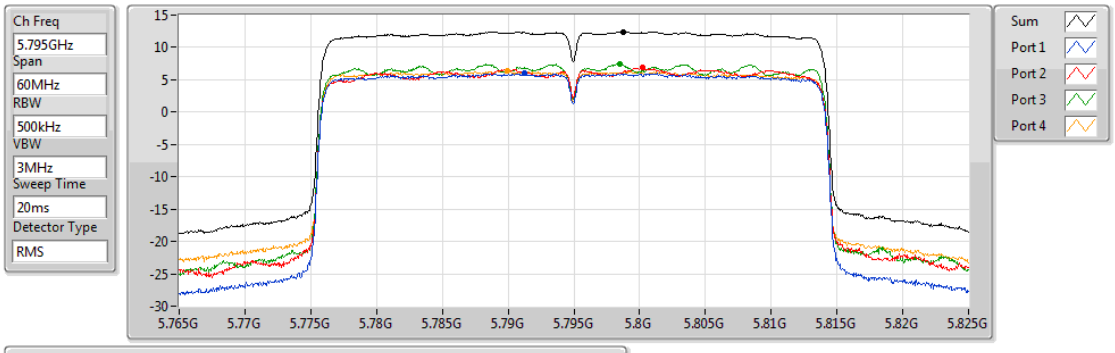
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.47	12.47	6.05	6.97	7.35	6.37

HE40_Nss1,(MCS0)_4TX **PSD**

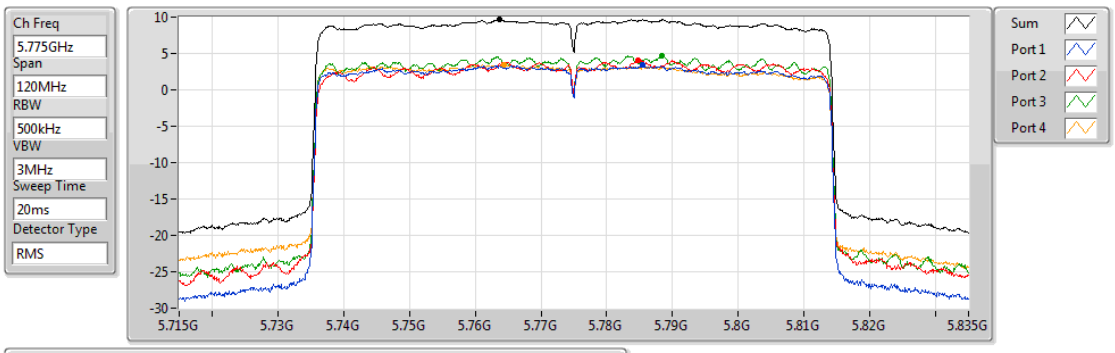
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.43	12.43	5.97	6.88	7.51	6.35

HE80_Nss1,(MCS0)_4TX **PSD**

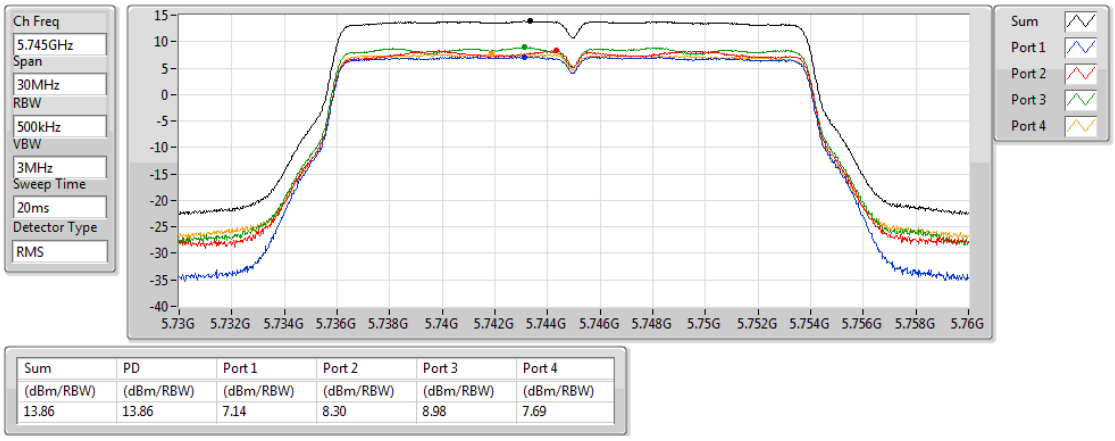
5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.64	9.64	3.37	4.09	4.76	3.40

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

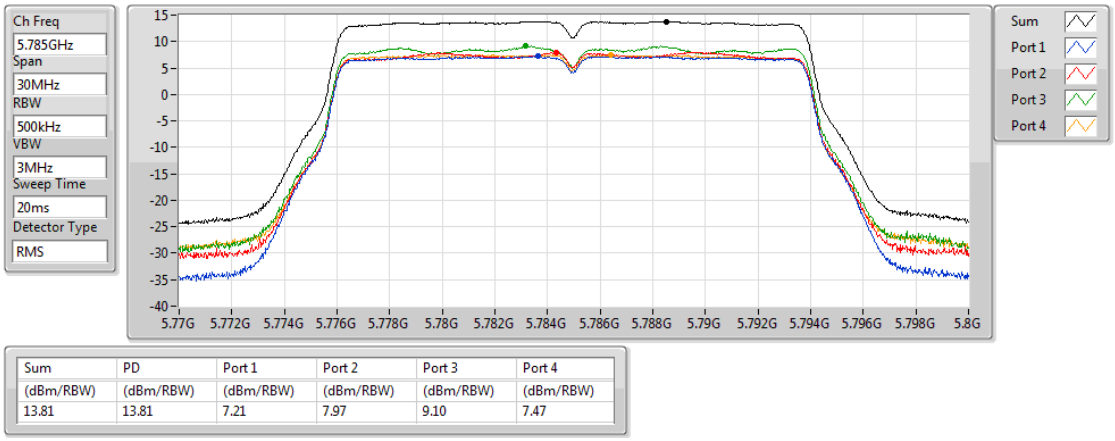
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.86	13.86	7.14	8.30	8.98	7.69

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

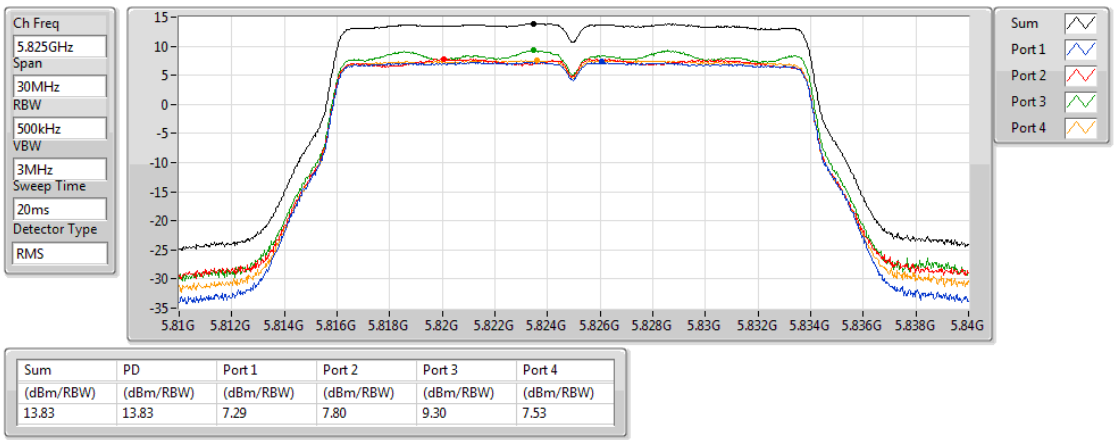
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.81	13.81	7.21	7.97	9.10	7.47

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

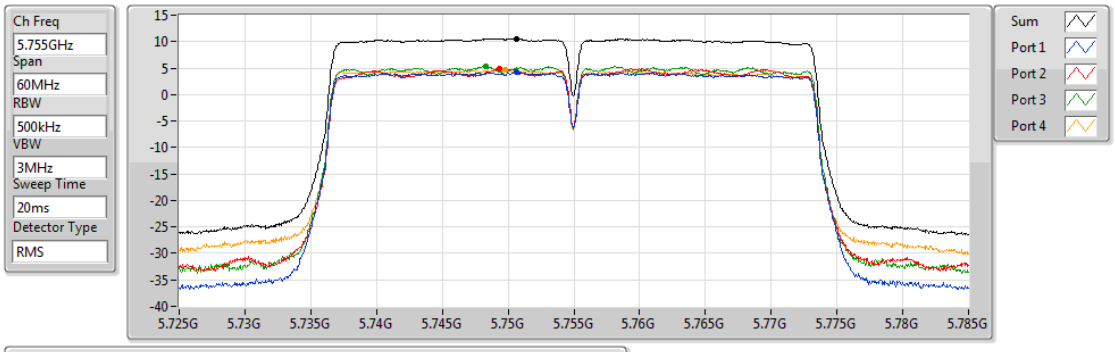
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.83	13.83	7.29	7.80	9.30	7.53

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

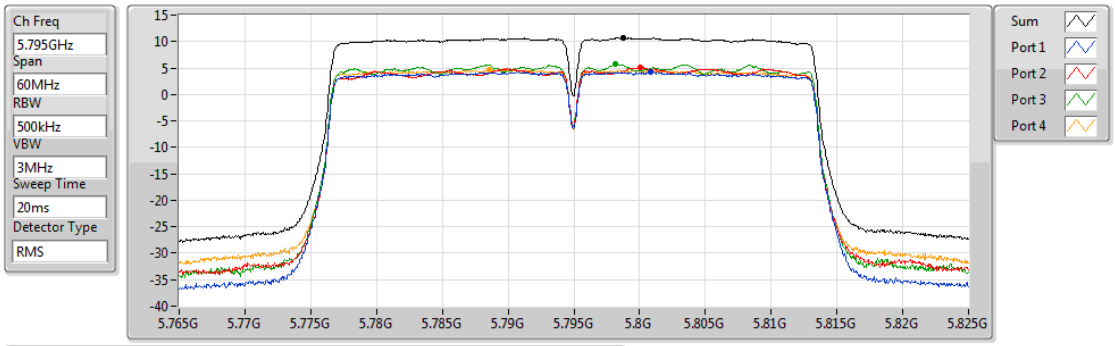
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.55	10.55	4.27	4.91	5.33	4.61

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

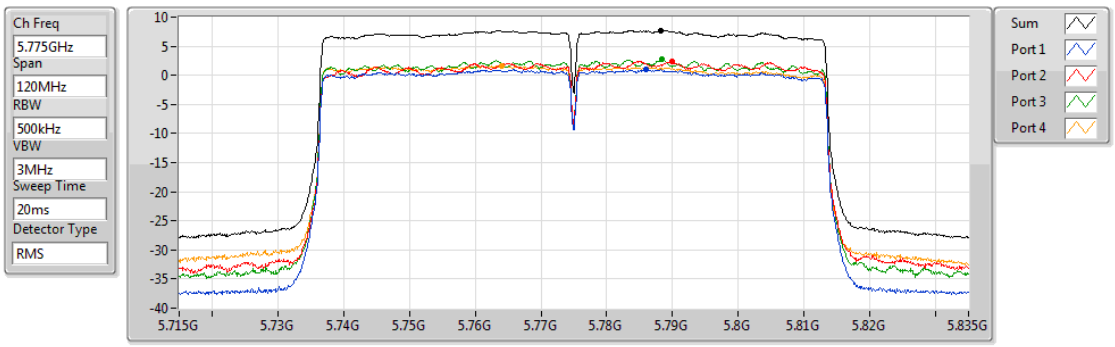
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.68	10.68	4.23	5.04	5.73	4.63

802.11ac VHT80-BF_Nss1,(MCS0)_4TX PSD

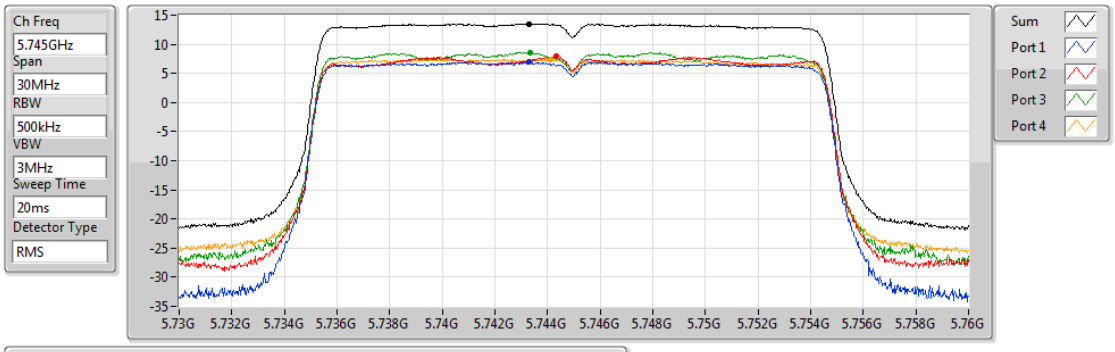
5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.71	7.71	1.08	2.36	2.85	1.62

HE20,BF_Nss1,(MCS0)_4TX **PSD**

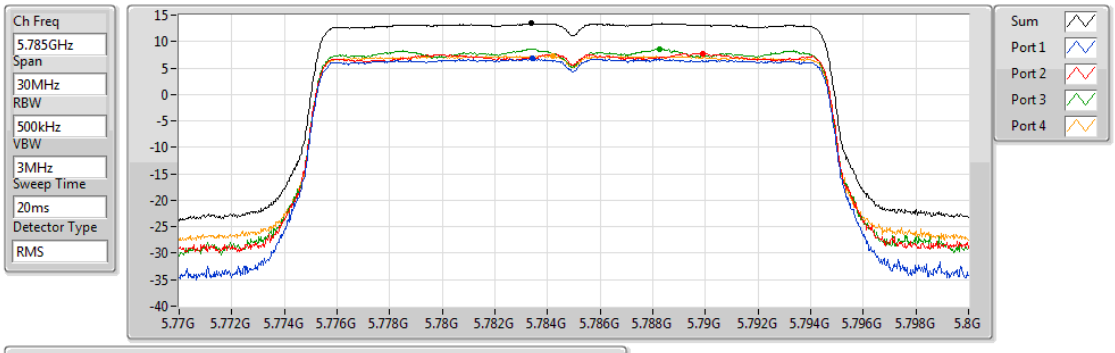
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.53	13.53	6.92	7.88	8.63	7.36

HE20,BF_Nss1,(MCS0)_4TX **PSD**

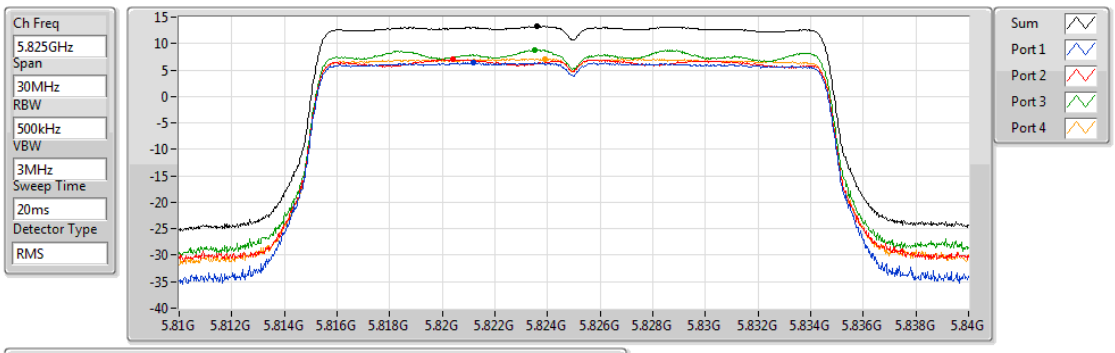
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.45	13.45	6.73	7.79	8.63	7.31

HE20,BF_Nss1,(MCS0)_4TX **PSD**

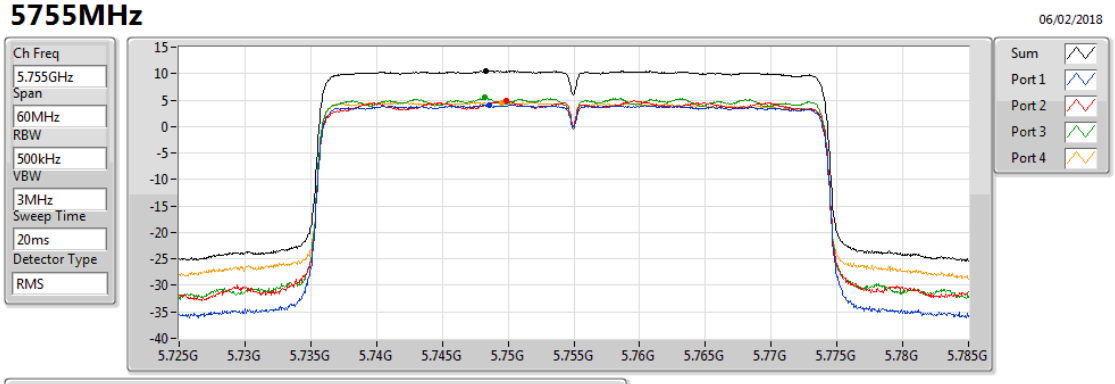
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.25	13.25	6.36	6.97	8.85	7.10

HE40,BF_Nss1,(MCS0)_4TX **PSD**

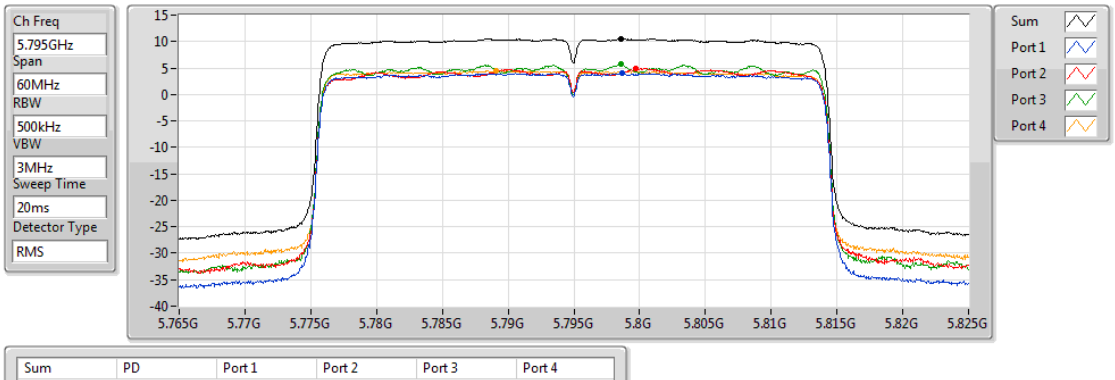
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.55	10.55	4.07	4.89	5.47	4.58

HE40,BF_Nss1,(MCS0)_4TX **PSD**

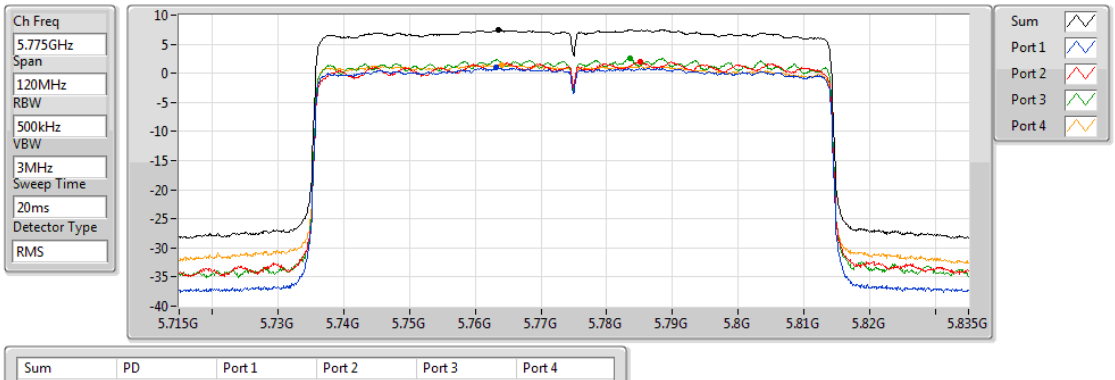
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.56	10.56	3.99	4.89	5.66	4.53

HE80,BF_Nss1,(MCS0)_4TX **PSD**

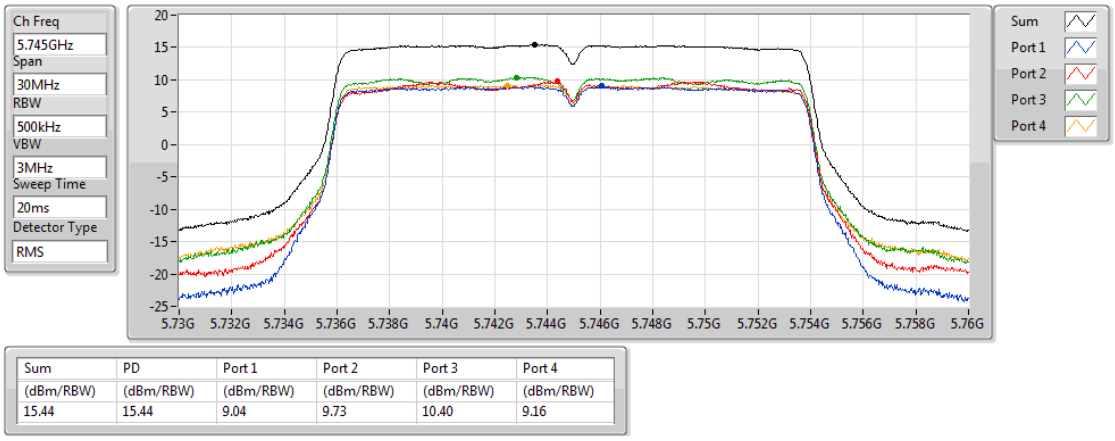
5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.51	7.51	0.93	1.96	2.56	1.48

802.11ac VHT20-BF_Nss2,(MCS0)_4TX PSD

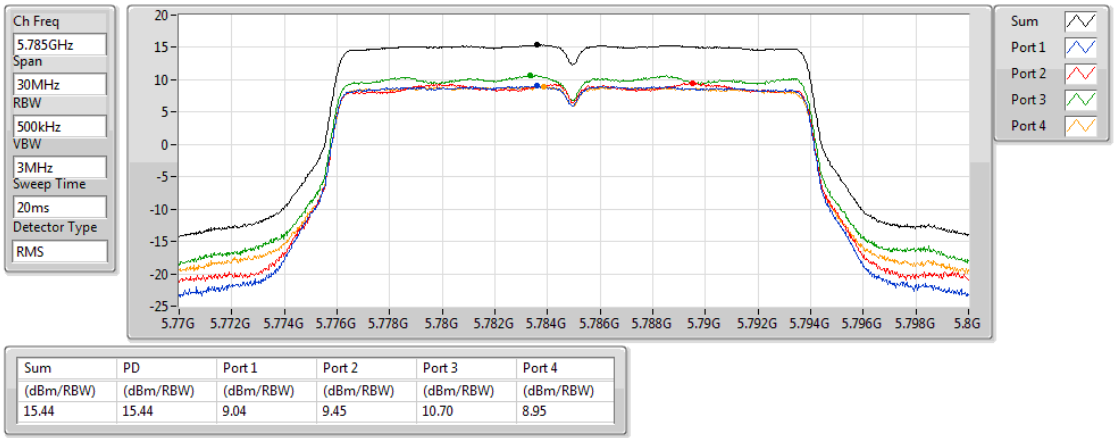
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.44	15.44	9.04	9.73	10.40	9.16

802.11ac VHT20-BF_Nss2,(MCS0)_4TX PSD

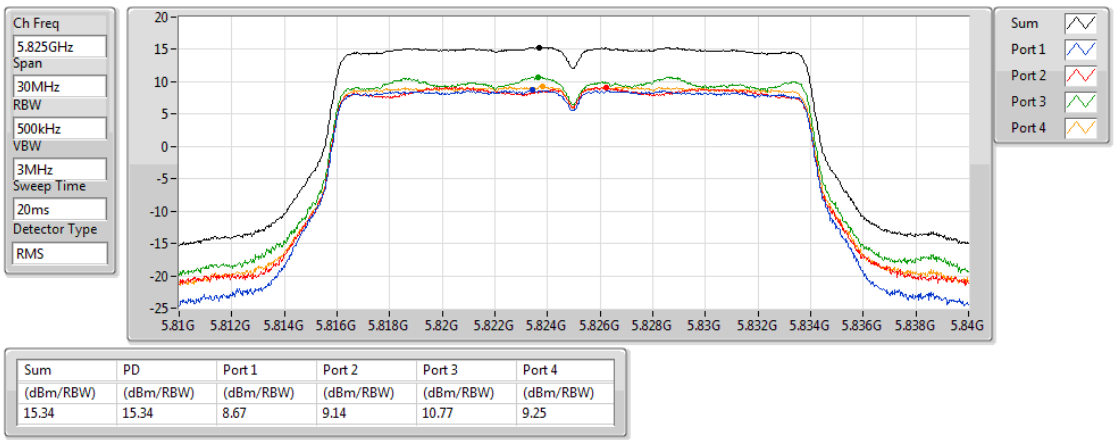
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.44	15.44	9.04	9.45	10.70	8.95

802.11ac VHT20-BF_Nss2,(MCS0)_4TX PSD

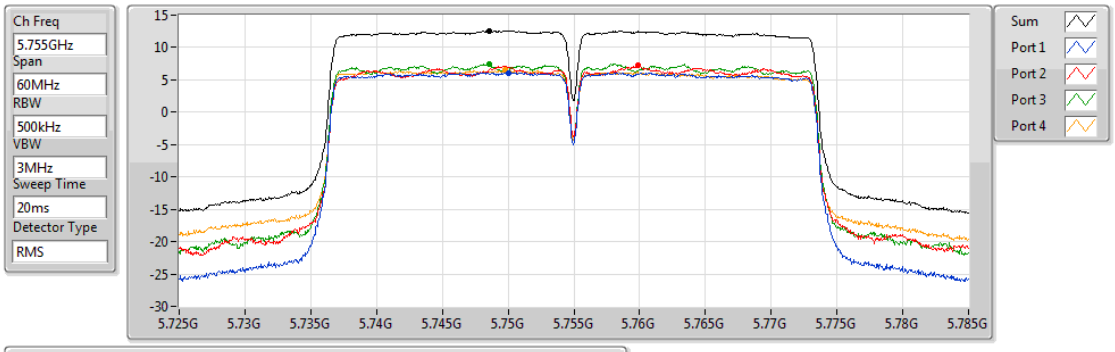
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.34	15.34	8.67	9.14	10.77	9.25

802.11ac VHT40-BF_Nss2,(MCS0)_4TX PSD

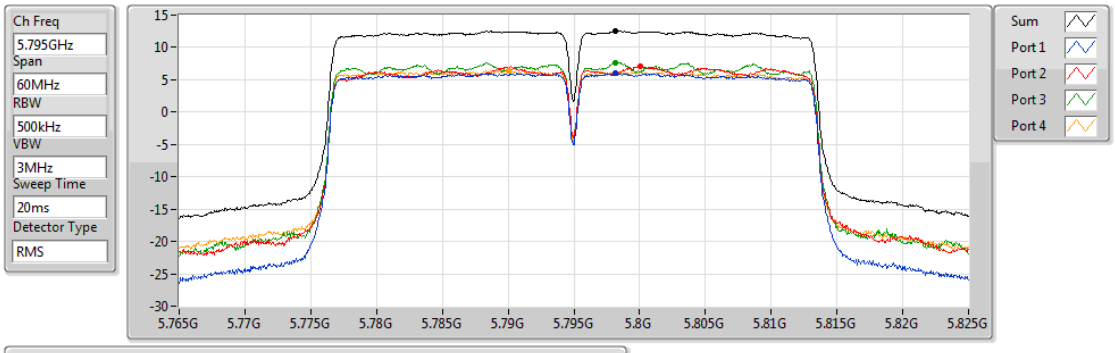
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.58	12.58	6.11	7.25	7.45	6.49

802.11ac VHT40-BF_Nss2,(MCS0)_4TX PSD

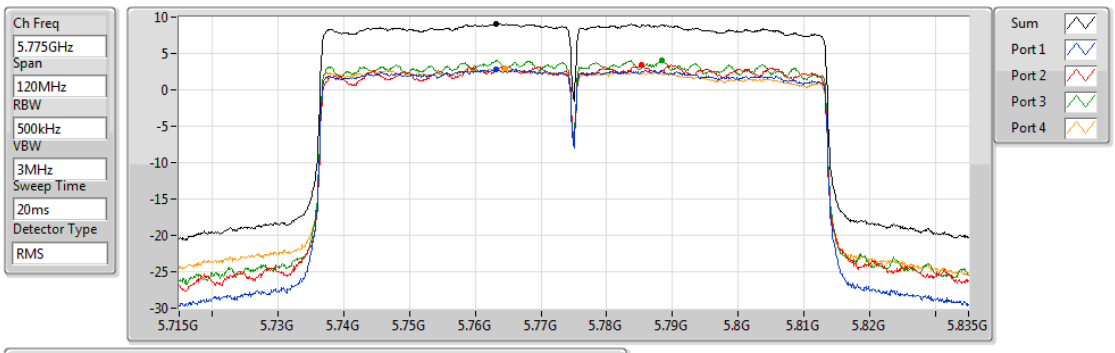
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.57	12.57	6.00	7.10	7.63	6.39

802.11ac VHT80-BF_Nss2,(MCS0)_4TX PSD

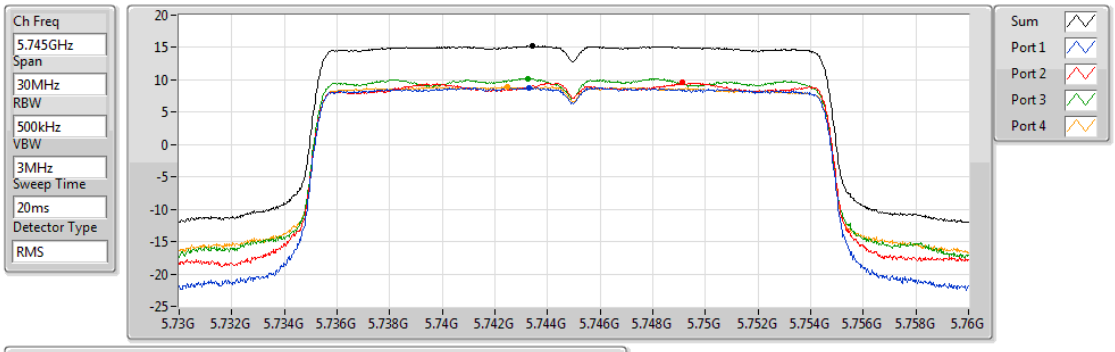
5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.12	9.12	2.87	3.46	4.11	2.91

HE20,BF_Nss2,(MCS0)_4TX **PSD**

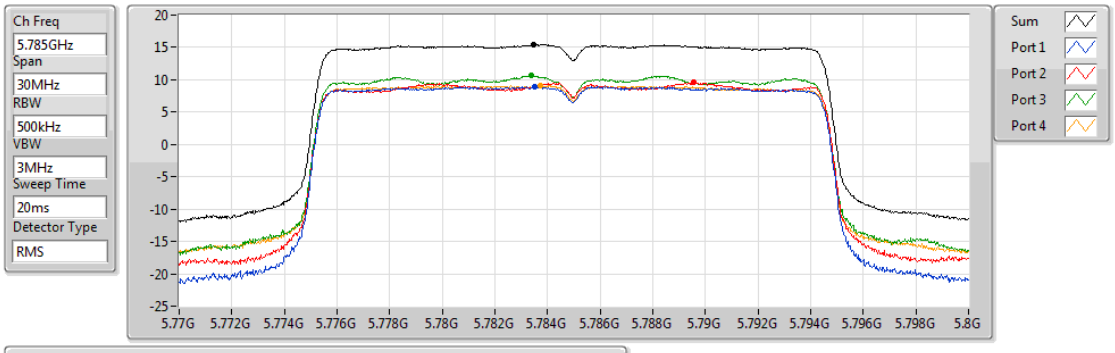
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.23	15.23	8.77	9.55	10.24	8.89

HE20,BF_Nss2,(MCS0)_4TX **PSD**

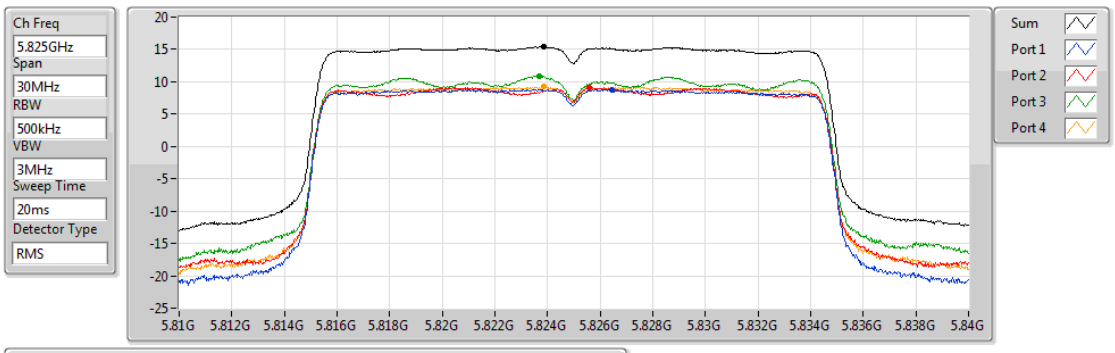
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.41	15.41	8.91	9.55	10.63	9.07

HE20,BF_Nss2,(MCS0)_4TX **PSD**

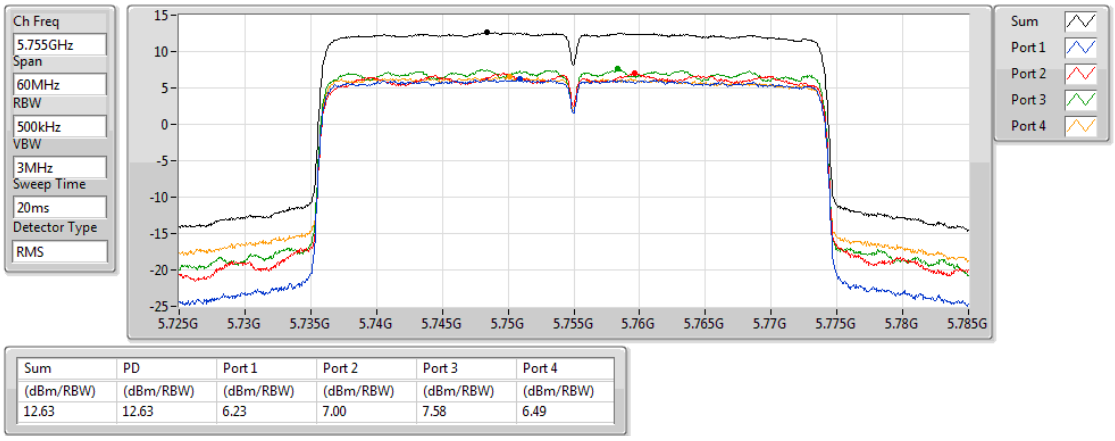
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.44	15.44	8.82	9.07	10.86	9.26

HE40,BF_Nss2,(MCS0)_4TX PSD

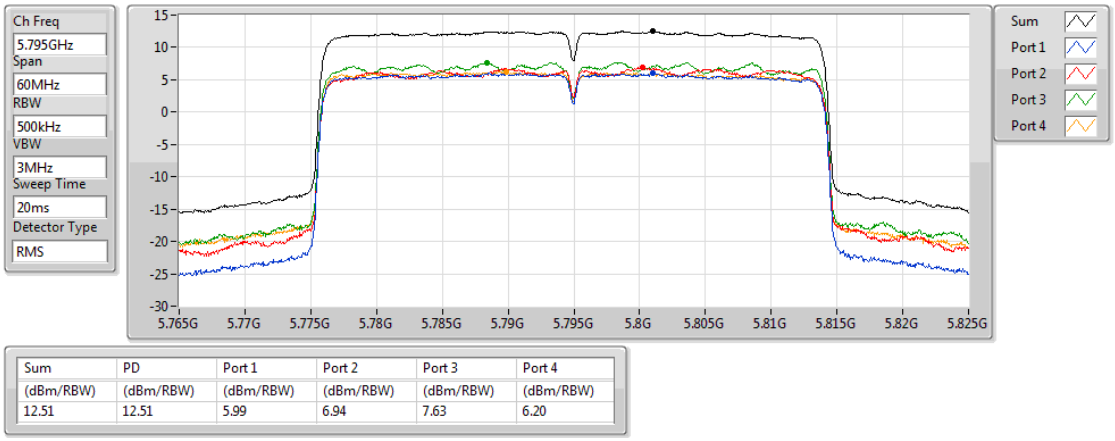
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.63	12.63	6.23	7.00	7.58	6.49

HE40,BF_Nss2,(MCS0)_4TX PSD

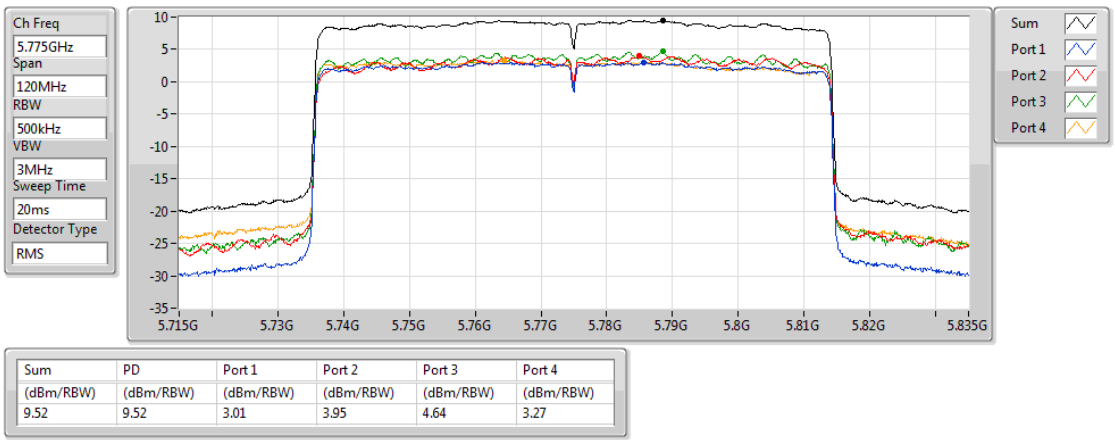
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.51	12.51	5.99	6.94	7.63	6.20

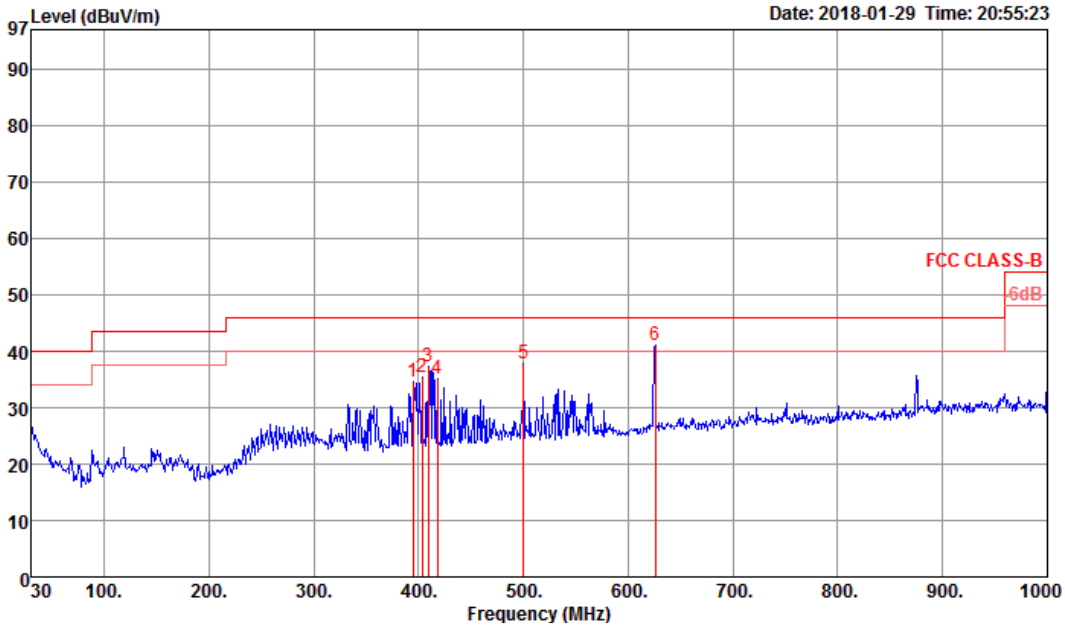
HE80,BF_Nss2,(MCS0)_4TX PSD

5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.52	9.52	3.01	3.95	4.64	3.27

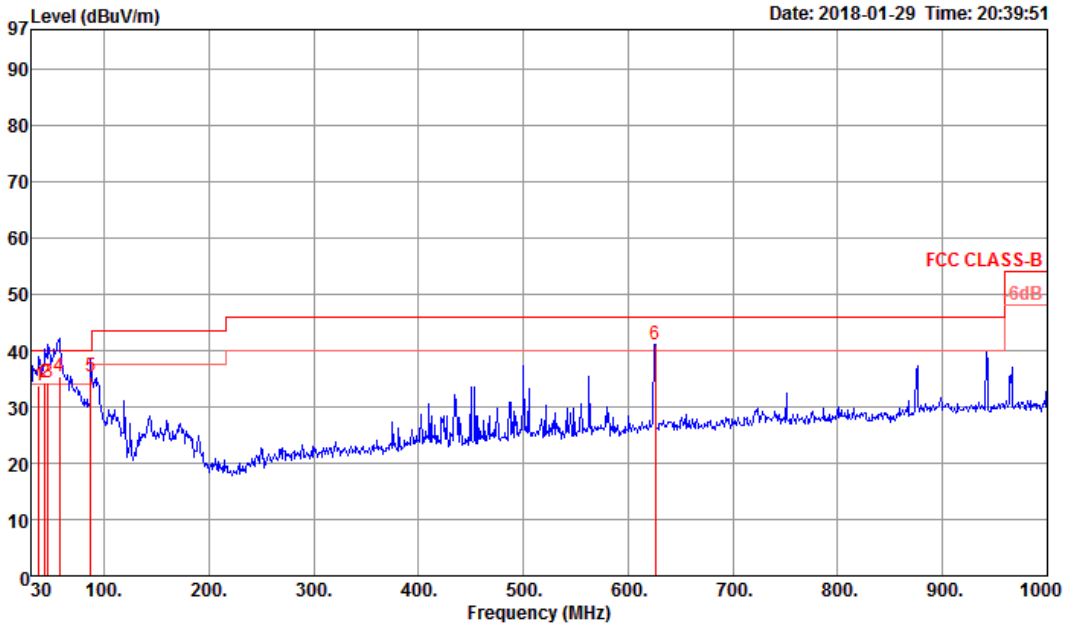
RSE below 1GHz Result			
Operating Mode	1	**Polarization**	Horizontal
Operating Function	Normal Link		



	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	394.72	34.46	46.00	-11.54	41.32	2.82	22.36	32.04	300	360	Peak	HORIZONTAL
2	403.45	35.40	46.00	-10.60	41.96	2.97	22.52	32.05	300	360	Peak	HORIZONTAL
3	409.27	37.36	46.00	-8.64	43.91	2.94	22.57	32.06	300	360	Peak	HORIZONTAL
4	418.00	35.07	46.00	-10.93	41.60	2.90	22.65	32.08	300	360	Peak	HORIZONTAL
5	500.45	37.85	46.00	-8.15	43.25	2.94	23.83	32.17	300	360	Peak	HORIZONTAL
6	625.58	41.16	46.00	-4.84	45.48	2.76	25.26	32.34	300	360	Peak	HORIZONTAL

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

RSE below 1GHz Result			
Operating Mode	1	**Polarization**	Vertical
Operating Function	Normal Link		



	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	37.76	33.77	40.00	-6.23	42.99	1.10	21.25	31.57	125	100	QP	VERTICAL
2	43.58	34.19	40.00	-5.81	46.60	1.32	17.92	31.65	112	163	QP	VERTICAL
3	46.49	34.22	40.00	-5.78	48.00	1.40	16.50	31.68	104	221	QP	VERTICAL
4	57.16	35.28	40.00	-4.72	52.31	1.28	13.42	31.73	111	153	QP	VERTICAL
5	87.23	35.51	40.00	-4.49	51.64	0.76	14.91	31.80	100	360	QP	VERTICAL
6	625.58	41.15	46.00	-4.85	45.47	2.76	25.26	32.34	300	360	Peak	VERTICAL

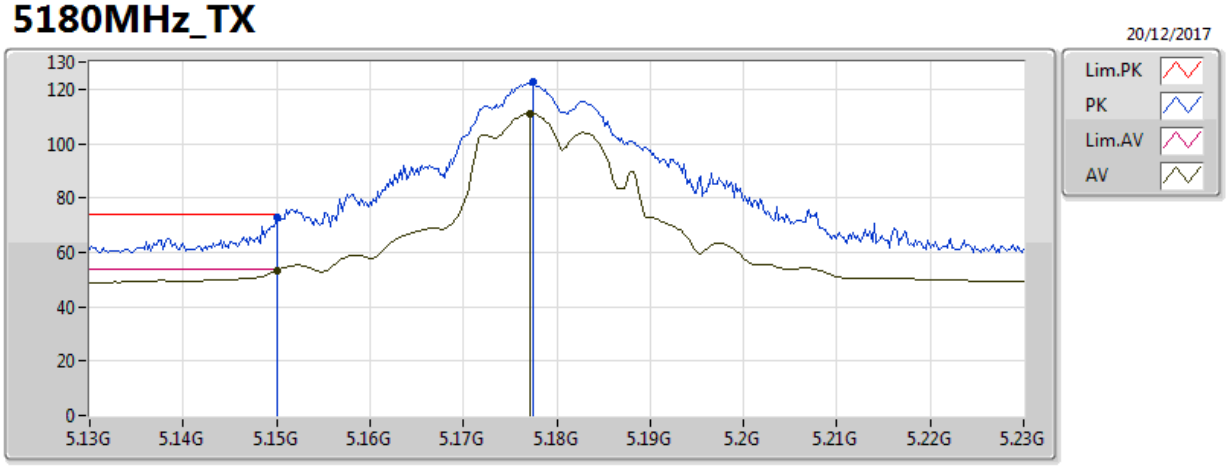
Note 1: “>20dB” means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found emissions (No emissions were detected.)

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ac VHT20-BF_Nss2,(MCS0)_4TX	Pass	AV	5.1496G	53.97	54.00	-0.03	4.83	3	Vertical	256	1.99	-

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

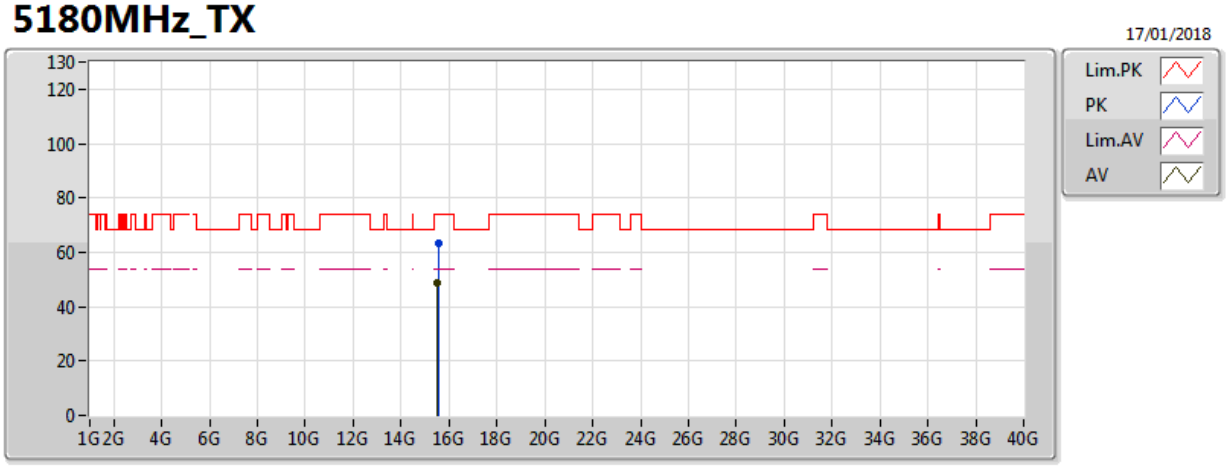


20171218
EUT Z_4 TX_Dipole
Setting 88
06-L-3-10
FSP(100080)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.149995G	53.26	54.00	-0.74	7.43	3	Vertical	257	2.43	-
AV	5.1772G	111.08	Inf	-Inf	7.47	3	Vertical	257	2.43	-
PK	5.149995G	73.02	74.00	-0.98	7.43	3	Vertical	257	2.43	-
PK	5.1774G	122.60	Inf	-Inf	7.47	3	Vertical	257	2.43	-

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

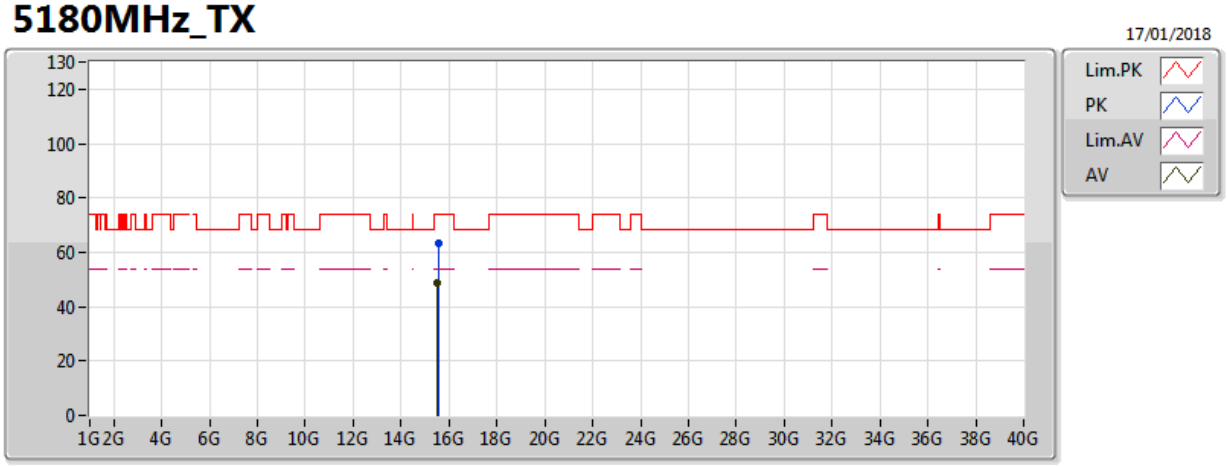


20171218
EUT Z_4 TX_Dipole
Setting 96
06-L-3-10
FSP(100080)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.52794G	48.83	54.00	-5.17	18.67	3	Vertical	250	1.50
PK	15.55008G	63.16	74.00	-10.84	18.60	3	Vertical	250	1.50

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

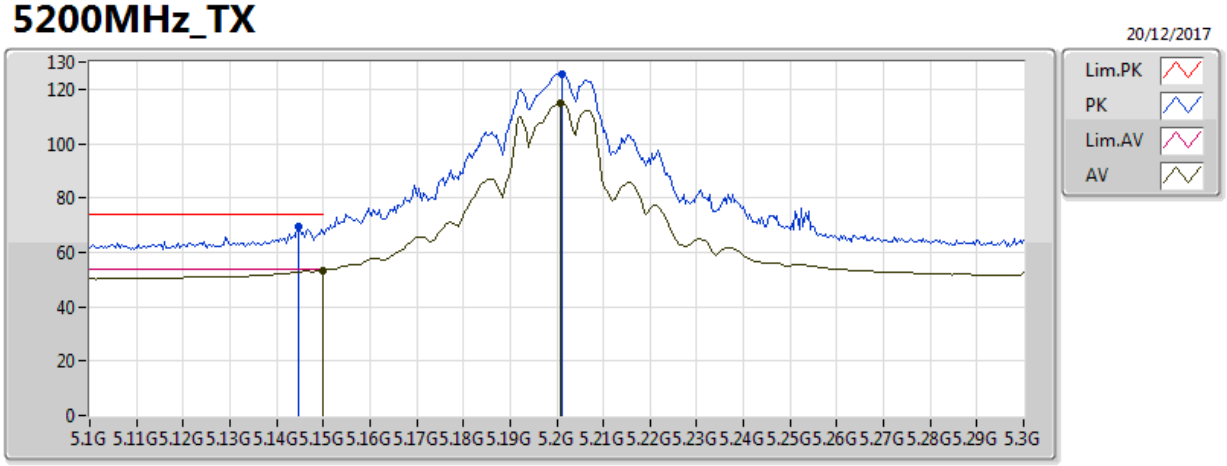


20171218
EUT Z_4 TX_Dipole
Setting 96
06-L-3-10
FSP(100080)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.52656G	48.79	54.00	-5.21	18.68	3	Horizontal	281	2.90
PK	15.54936G	63.30	74.00	-10.70	18.60	3	Horizontal	281	2.90

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

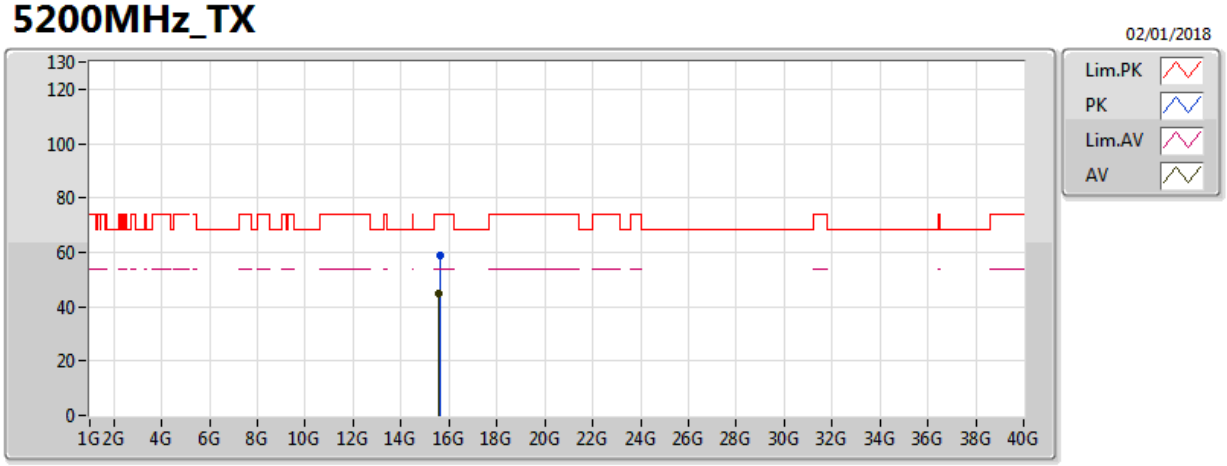


20171218
EUT Z_4 TX_Dipole
Setting 100
06-L-3-10
FSP(100080)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.149995G	53.50	54.00	-0.50	7.43	3	Vertical	346	2.15	-
AV	5.2008G	115.04	Inf	-Inf	7.51	3	Vertical	346	2.15	-
PK	5.1448G	69.27	74.00	-4.73	7.42	3	Vertical	346	2.15	-
PK	5.2012G	125.68	Inf	-Inf	7.51	3	Vertical	346	2.15	-

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

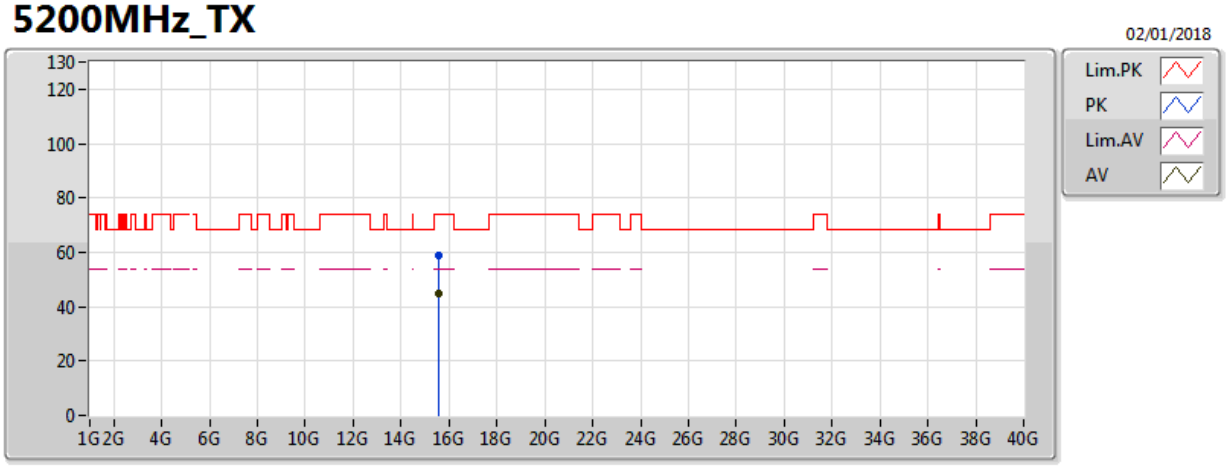


20180102
EUT Z_4 TX_Dipole
Setting 100
04-C-4
FSP(100142)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.59694G	44.92	54.00	-9.08	15.16	3	Vertical	57	1.50
PK	15.60326G	58.74	74.00	-15.26	15.15	3	Vertical	57	1.50

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

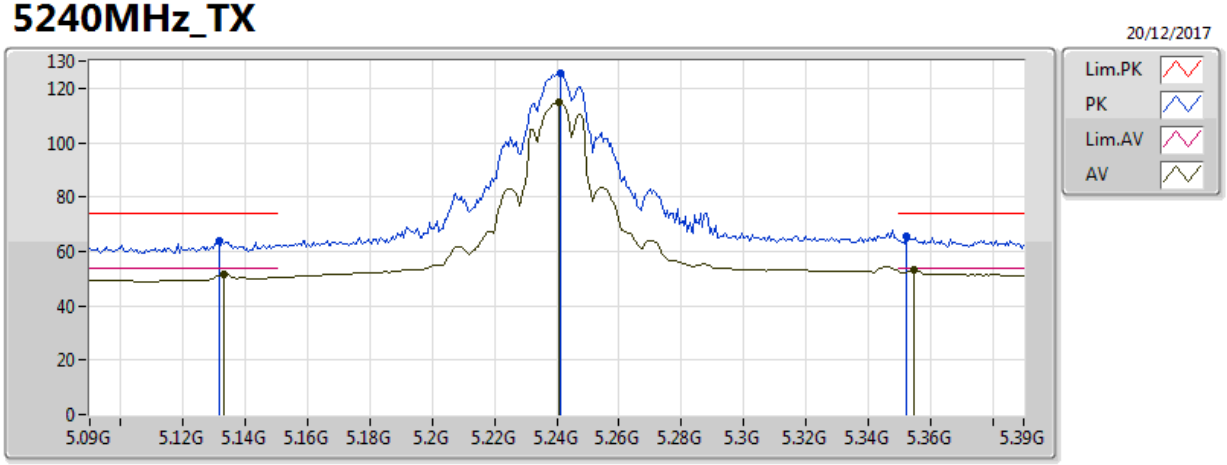


20180102
EUT Z_4 TX_Dipole
Setting 100
04-C-4
FSP(100142)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.59736G	45.04	54.00	-8.96	15.16	3	Horizontal	168	1.57
PK	15.59958G	58.89	74.00	-15.11	15.16	3	Horizontal	168	1.57

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

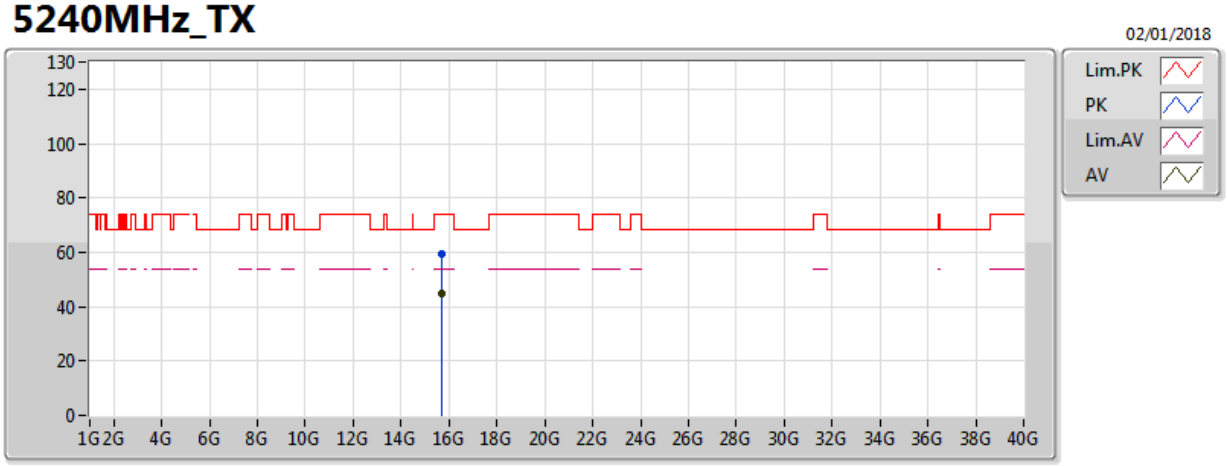


20171218
EUT Z_4 TX_Dipole
Setting 96
06-L-3-10
FSP(100080)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1332G	51.62	54.00	-2.38	7.40	3	Vertical	13	2.04	-
AV	5.2406G	114.83	Inf	-Inf	7.57	3	Vertical	13	2.04	-
AV	5.3546G	53.03	54.00	-0.97	7.73	3	Vertical	13	2.04	-
PK	5.1314G	63.71	74.00	-10.29	7.40	3	Vertical	13	2.04	-
PK	5.2412G	125.79	Inf	-Inf	7.57	3	Vertical	13	2.04	-
PK	5.3522G	65.33	74.00	-8.67	7.73	3	Vertical	13	2.04	-

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

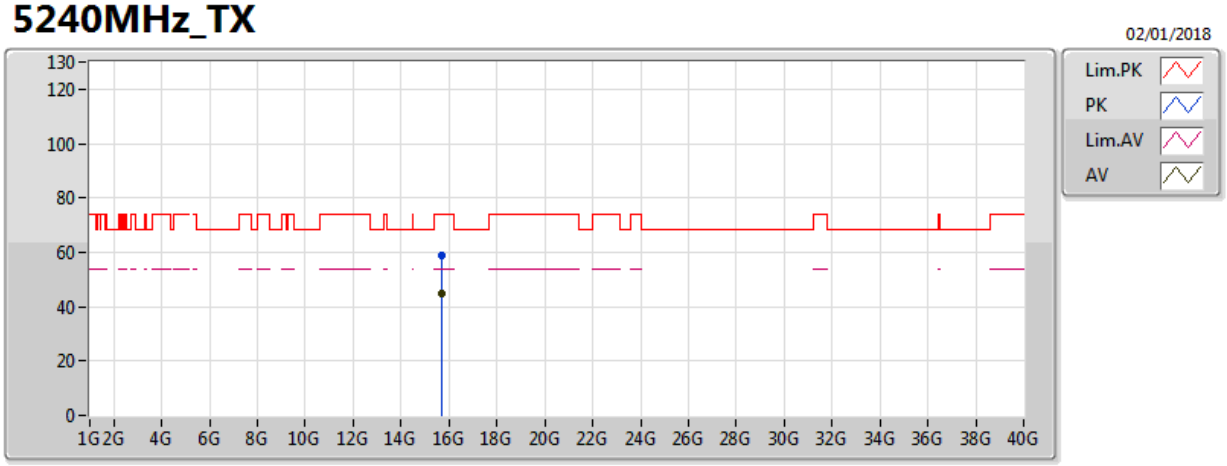


20180102
EUT Z_4 TX_Dipole
Setting 96
04-C-4
FSP(100142)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.72016G	44.56	54.00	-9.44	15.03	3	Vertical	163	2.84
PK	15.72292G	59.18	74.00	-14.82	15.03	3	Vertical	163	2.84

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

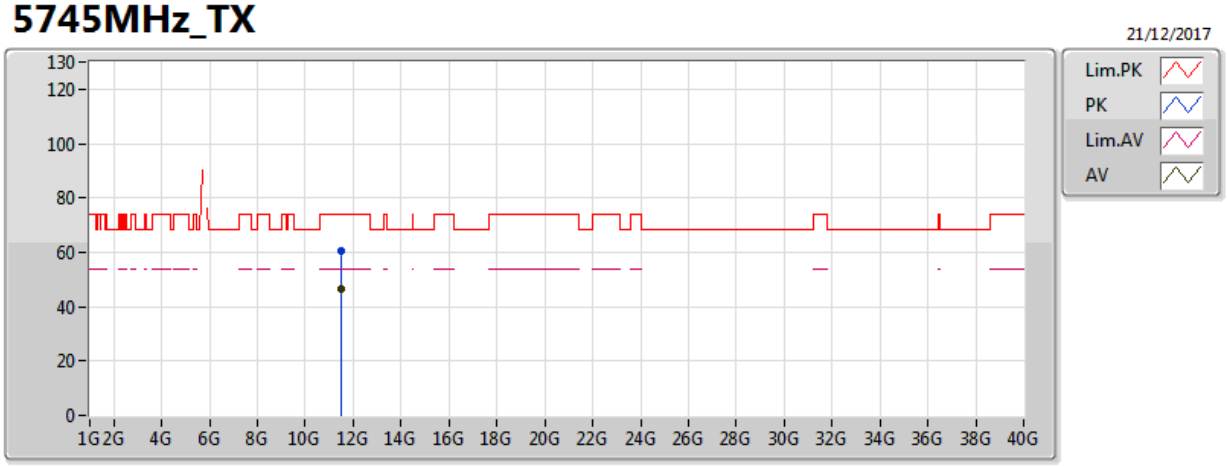


20180102
EUT Z_4 TX_Dipole
Setting 96
04-C-4
FSP(100142)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.72418G	44.56	54.00	-9.44	15.03	3	Horizontal	258	1.05
PK	15.72446G	58.76	74.00	-15.24	15.02	3	Horizontal	258	1.05

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

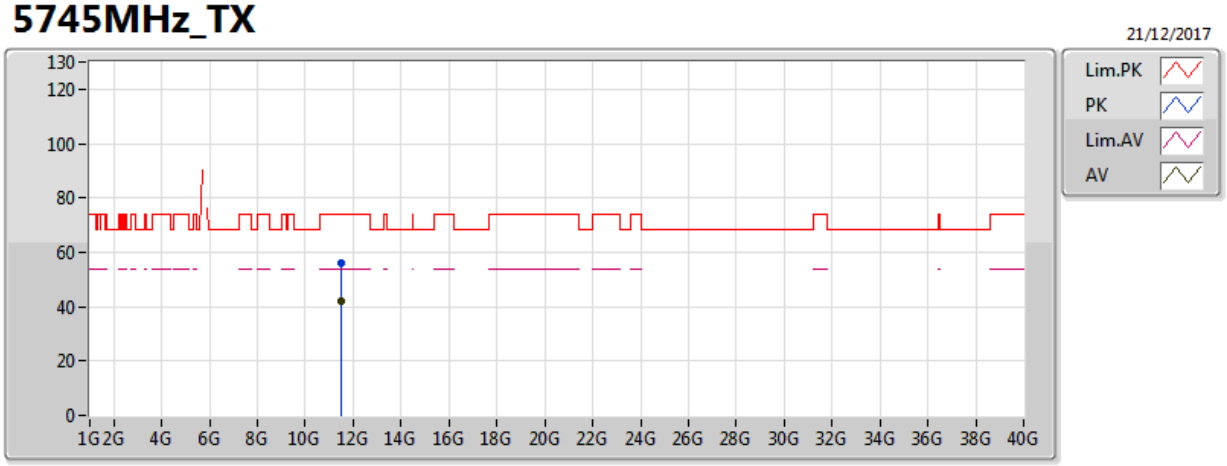


20171221
EUT Z_4 TX_Dipole
Setting 104
04-C-4
FSP(100304)
rtax880Ur220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.49012G	46.54	54.00	-7.46	13.32	3	Vertical	291	2.15	-
PK	11.48962G	60.29	74.00	-13.71	13.32	3	Vertical	291	2.15	-

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

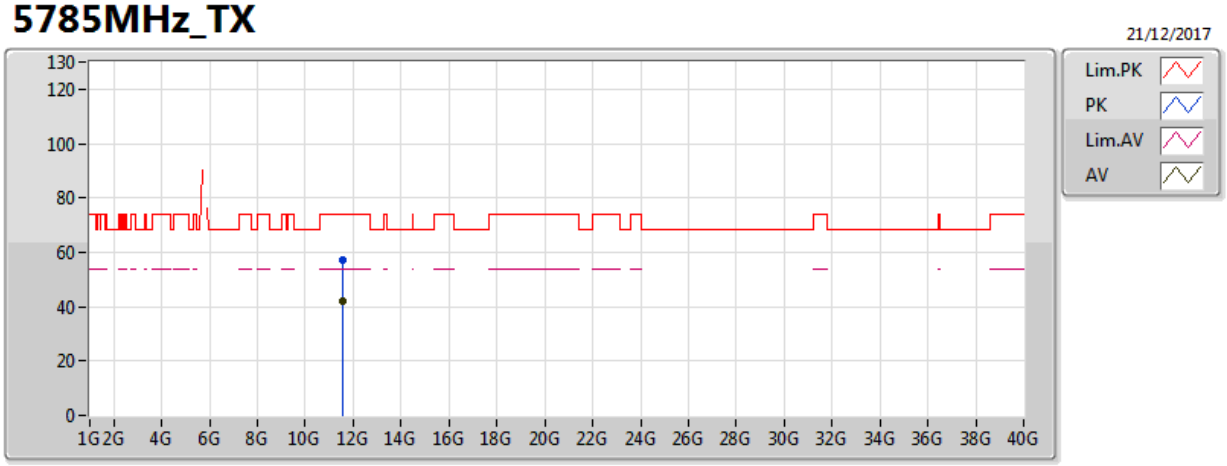


20171221
EUT Z_4 TX_Dipole
Setting 104
04-C-4
FSP(100304)
rtax880Ur220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.4869G	41.95	54.00	-12.05	13.32	3	Horizontal	289	1.01	-
PK	11.48742G	55.94	74.00	-18.06	13.32	3	Horizontal	289	1.01	-

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

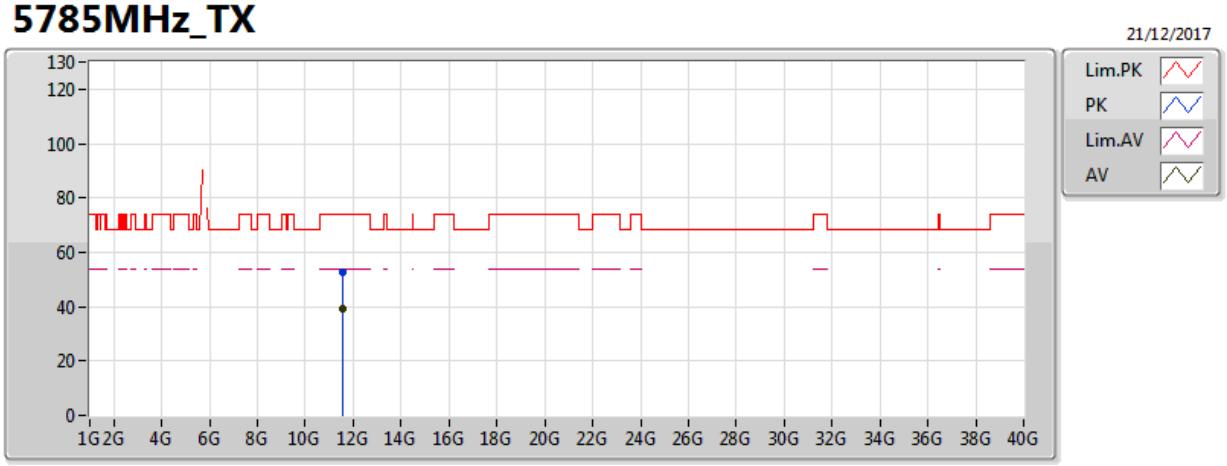


20171221
EUT Z_4 TX_Dipole
Setting 104
04-C-4
FSP(100304)
rtax880Ur220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.57128G	42.15	54.00	-11.85	13.33	3	Vertical	151	2.06	-
PK	11.57066G	57.09	74.00	-16.91	13.33	3	Vertical	151	2.06	-

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

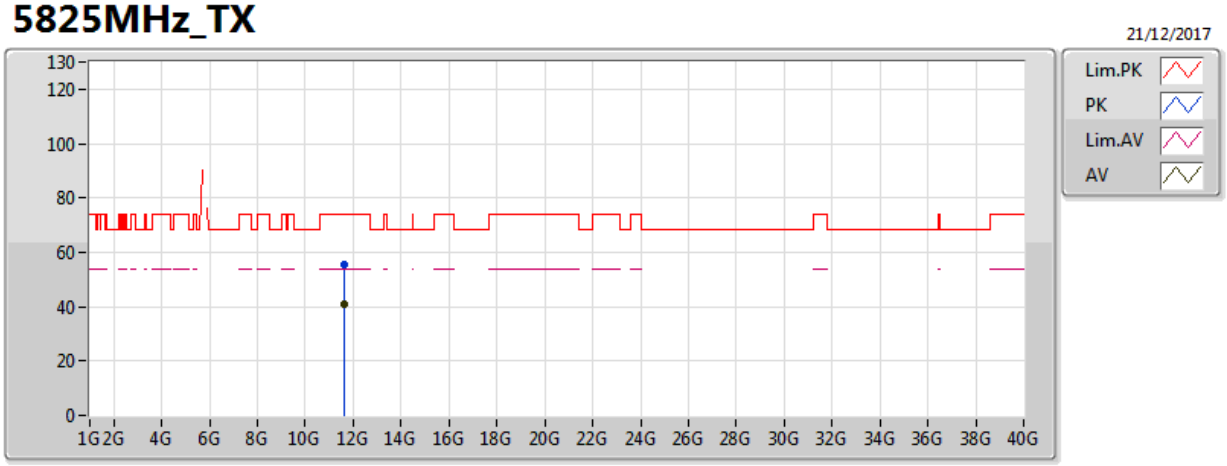


20171221
EUT Z_4 TX_Dipole
Setting 104
04-C-4
FSP(100304)
rtax880Ur220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.5735G	38.98	54.00	-15.02	13.33	3	Horizontal	194	2.06	-
PK	11.5724G	52.90	74.00	-21.10	13.33	3	Horizontal	194	2.06	-

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

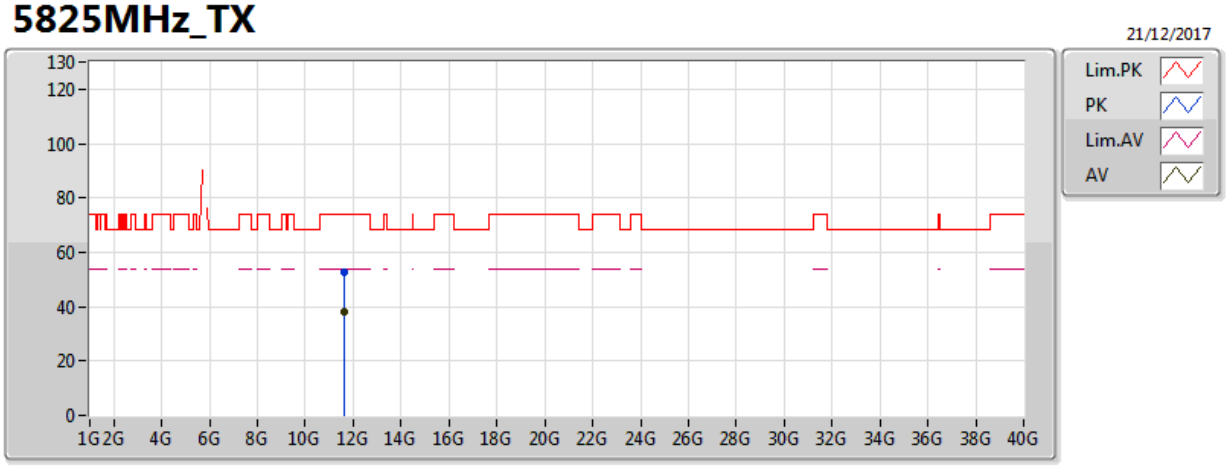


20171221
EUT Z_4 TX_Dipole
Setting 104
04-C-4
FSP(100304)
rtax880Ur220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.64686G	40.76	54.00	-13.24	13.35	3	Vertical	227	2.01	-
PK	11.6475G	55.57	74.00	-18.43	13.35	3	Vertical	227	2.01	-

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

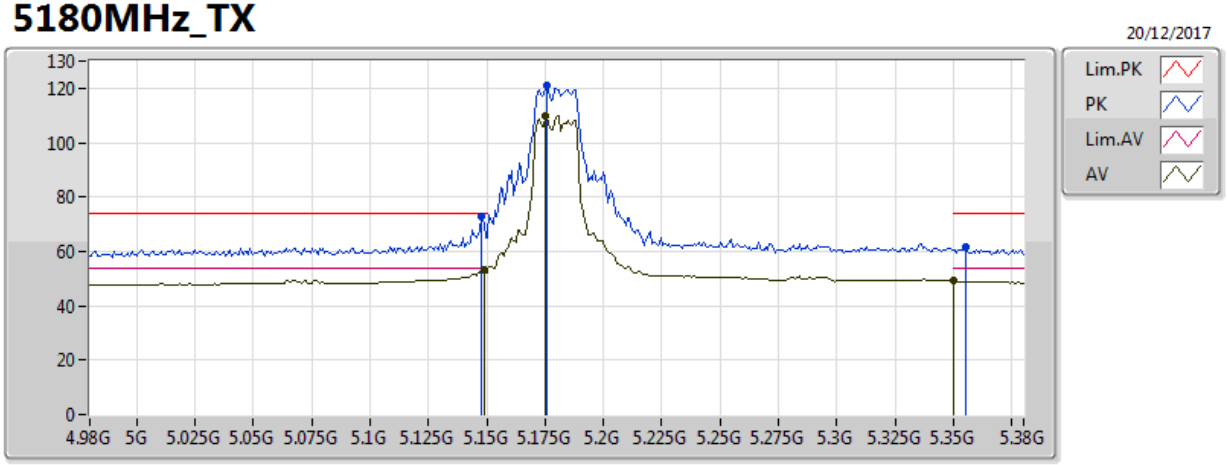


20171221
EUT Z_4 TX_Dipole
Setting 104
04-C-4
FSP(100304)
rtax880Ur220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.65216G	38.35	54.00	-15.65	13.35	3	Horizontal	92	2.96	-
PK	11.65198G	52.53	74.00	-21.47	13.35	3	Horizontal	92	2.96	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5180MHz_TX

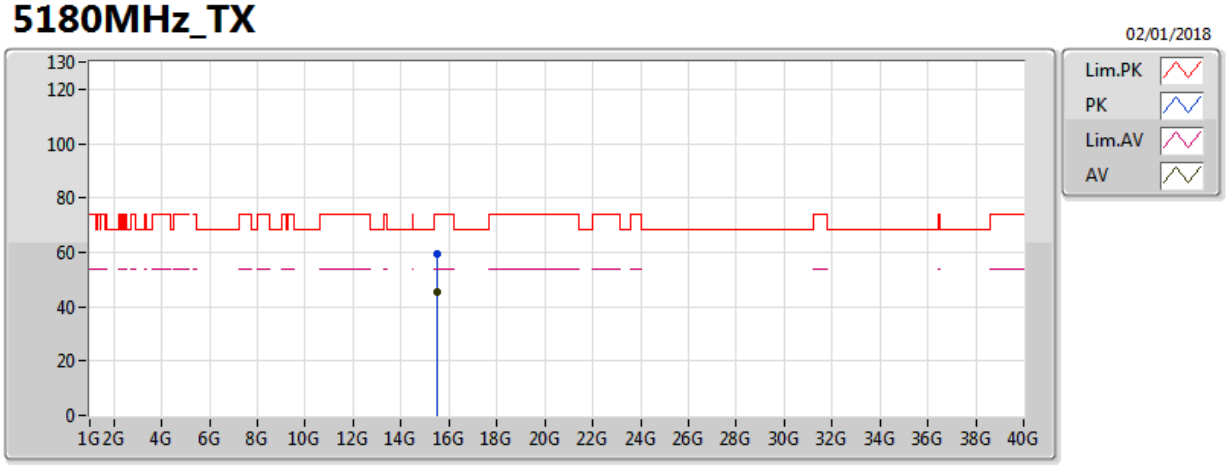


20171218
EUT Z_4 TX_Dipole
Setting 86
06-L-3-10
FSP(100080)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1488G	53.08	54.00	-0.92	7.43	3	Vertical	347	2.18	-
AV	5.1752G	109.92	Inf	-Inf	7.47	3	Vertical	347	2.18	-
AV	5.350005G	49.43	54.00	-4.57	7.73	3	Vertical	347	2.18	-
PK	5.148G	72.74	74.00	-1.26	7.43	3	Vertical	347	2.18	-
PK	5.176G	121.03	Inf	-Inf	7.47	3	Vertical	347	2.18	-
PK	5.3552G	61.84	74.00	-12.16	7.74	3	Vertical	347	2.18	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5180MHz_TX

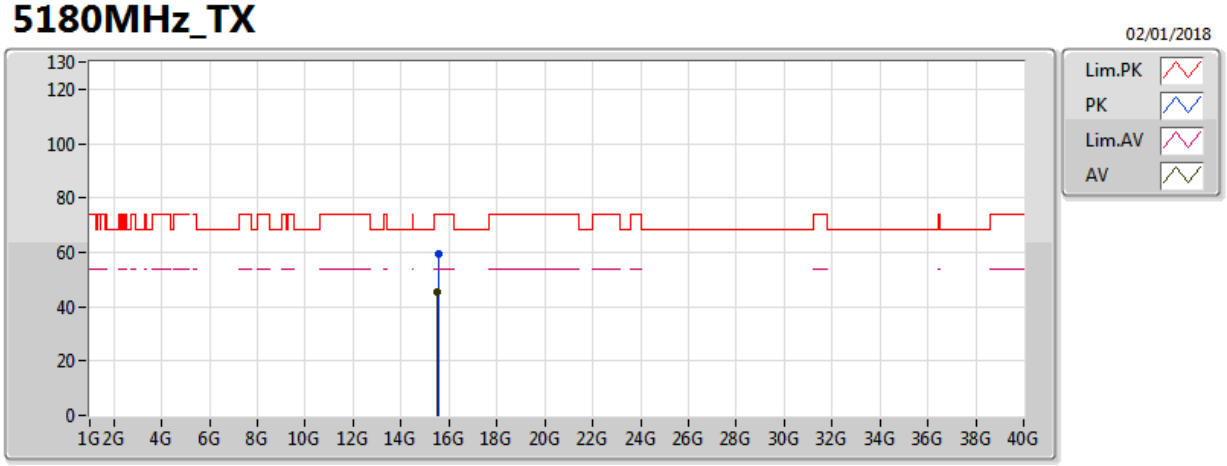


20180102
EUT Z_4 TX_Dipole
Setting 86
04-C-4
FSP(100142)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.53532G	45.33	54.00	-8.67	15.23	3	Vertical	1	1.50
PK	15.5369G	59.50	74.00	-14.50	15.23	3	Vertical	1	1.50

802.11ac VHT20_Nss1,(MCS0)_4TX

5180MHz_TX

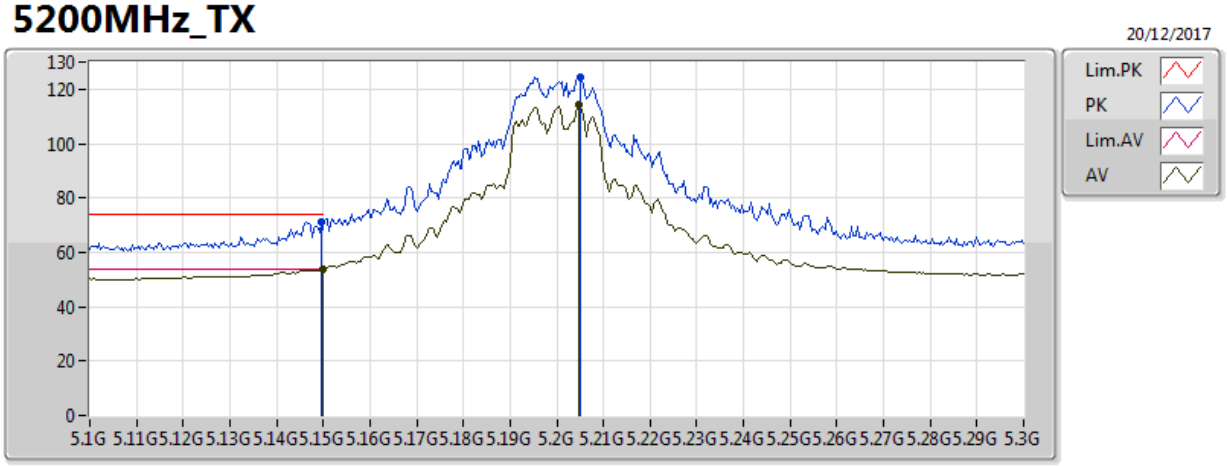


20180102
EUT Z_4 TX_Dipole
Setting 86
04-C-4
FSP(100142)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.53548G	45.21	54.00	-8.79	15.23	3	Horizontal	55	1.50
PK	15.54334G	59.56	74.00	-14.44	15.22	3	Horizontal	55	1.50

802.11ac VHT20_Nss1,(MCS0)_4TX

5200MHz_TX

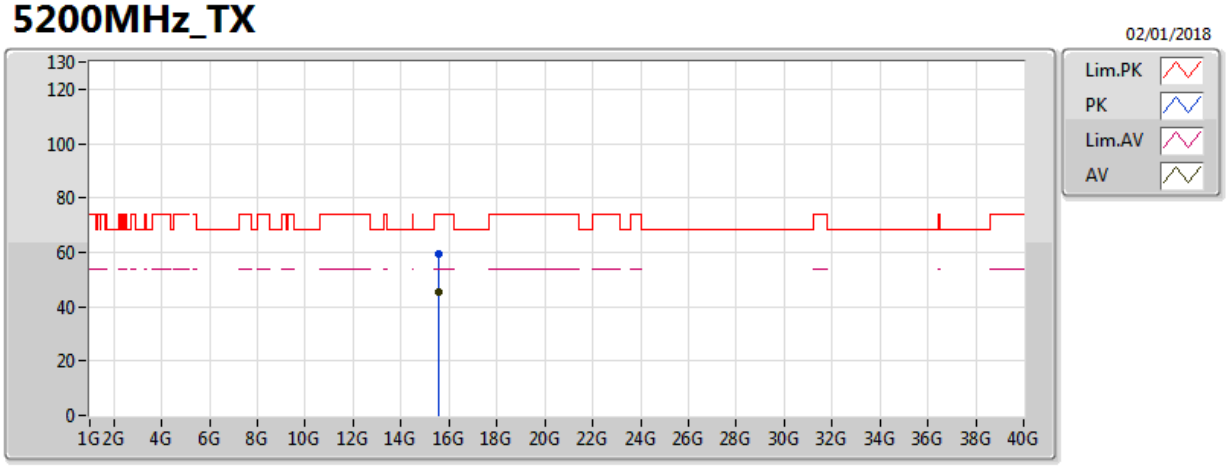


20171218
EUT Z_4 TX_Dipole
Setting 100
06-L-3-10
FSP(100080)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.149995G	53.95	54.00	-0.05	7.43	3	Vertical	13	1.97	-
AV	5.2048G	114.21	Inf	-Inf	7.52	3	Vertical	13	1.97	-
PK	5.1496G	71.12	74.00	-2.88	7.43	3	Vertical	13	1.97	-
PK	5.2052G	124.30	Inf	-Inf	7.52	3	Vertical	13	1.97	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5200MHz_TX

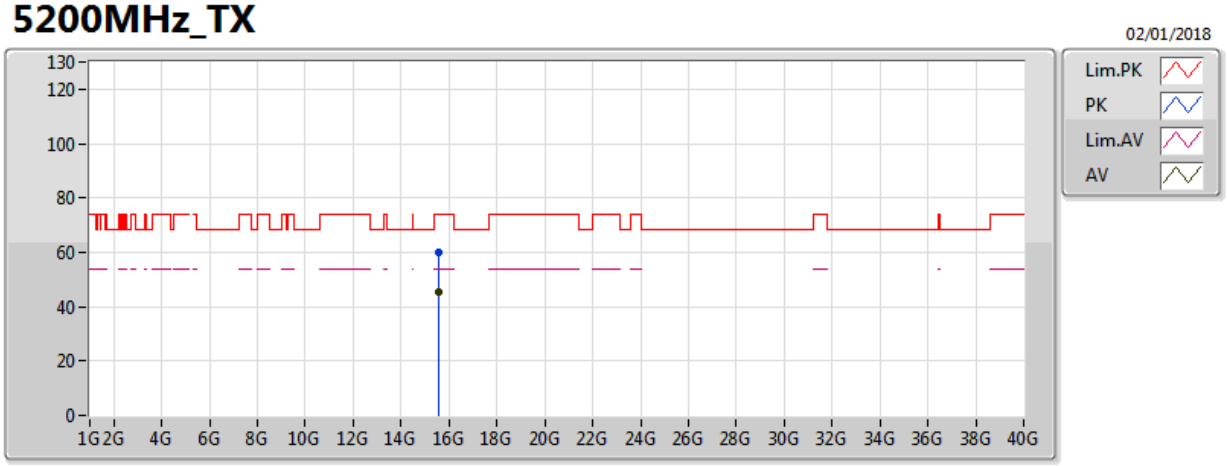


20180102
EUT Z_4 TX_Dipole
Setting 100
04-C-4
FSP(100142)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.59824G	45.15	54.00	-8.85	15.16	3	Vertical	322	2.37
PK	15.59978G	59.33	74.00	-14.67	15.16	3	Vertical	322	2.37

802.11ac VHT20_Nss1,(MCS0)_4TX

5200MHz_TX

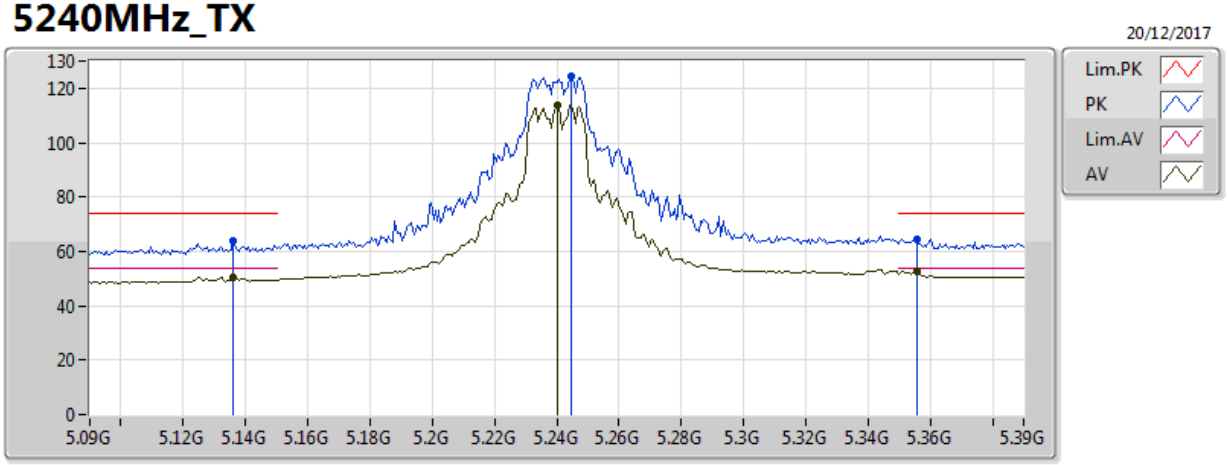


20180102
EUT Z_4 TX_Dipole
Setting 100
04-C-4
FSP(100142)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.60008G	45.14	54.00	-8.86	15.16	3	Horizontal	205	1.50
PK	15.60044G	59.68	74.00	-14.32	15.16	3	Horizontal	205	1.50

802.11ac VHT20_Nss1,(MCS0)_4TX

5240MHz_TX

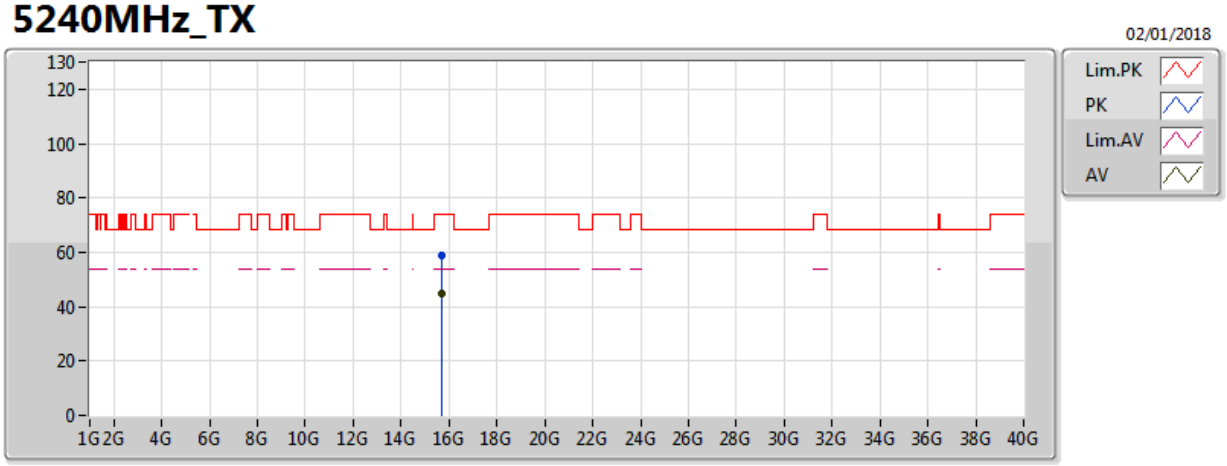


20171218
EUT Z_4 TX_Dipole
Setting 96
06-L-3-10
FSP(100080)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1362G	50.37	54.00	-3.63	7.41	3	Vertical	346	1.92	-
AV	5.24G	113.86	Inf	-Inf	7.57	3	Vertical	346	1.92	-
AV	5.3558G	52.82	54.00	-1.18	7.74	3	Vertical	346	1.92	-
PK	5.1362G	63.81	74.00	-10.19	7.41	3	Vertical	346	1.92	-
PK	5.2448G	124.65	Inf	-Inf	7.57	3	Vertical	346	1.92	-
PK	5.3558G	64.61	74.00	-9.39	7.74	3	Vertical	346	1.92	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5240MHz_TX

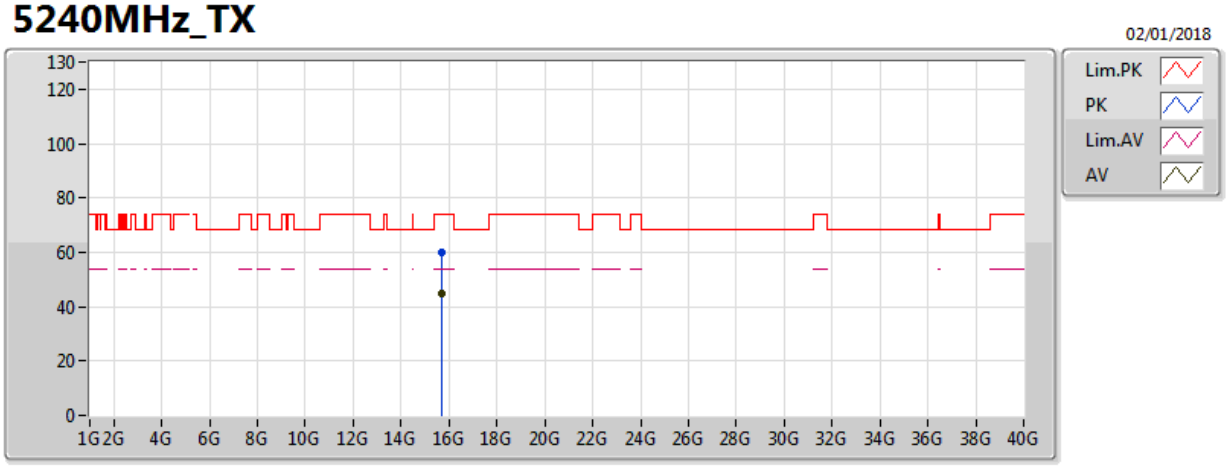


20180102
EUT Z_4 TX_Dipole
Setting 96
04-C-4
FSP(100142)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.71834G	44.92	54.00	-9.08	15.03	3	Vertical	4	1.50
PK	15.7168G	58.60	74.00	-15.40	15.03	3	Vertical	4	1.50

802.11ac VHT20_Nss1,(MCS0)_4TX

5240MHz_TX

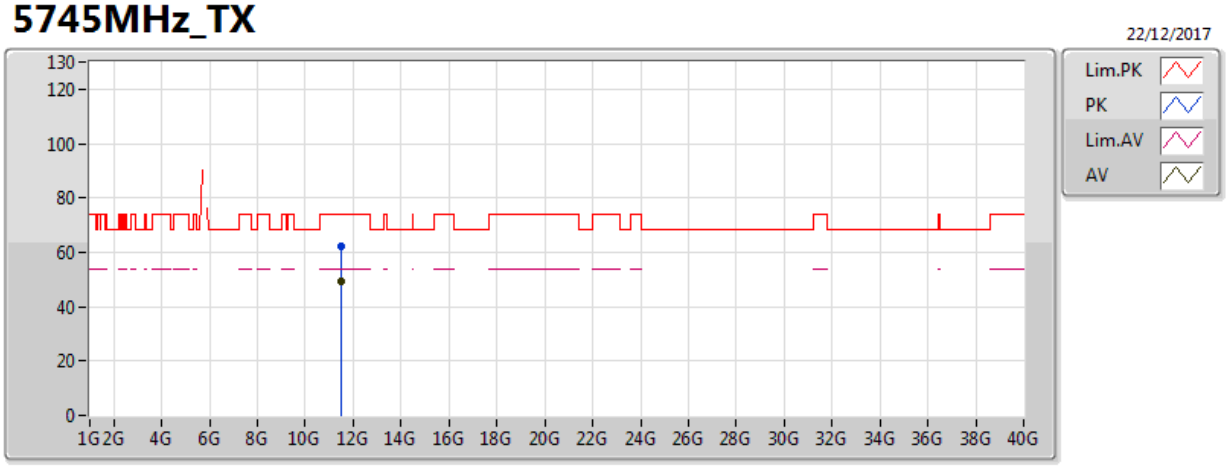


20180102
EUT Z_4 TX_Dipole
Setting 96
04-C-4
FSP(100142)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.72128G	44.91	54.00	-9.09	15.03	3	Horizontal	99	1.50
PK	15.71504G	59.69	74.00	-14.31	15.03	3	Horizontal	99	1.50

802.11ac VHT20_Nss1,(MCS0)_4TX

5745MHz_TX

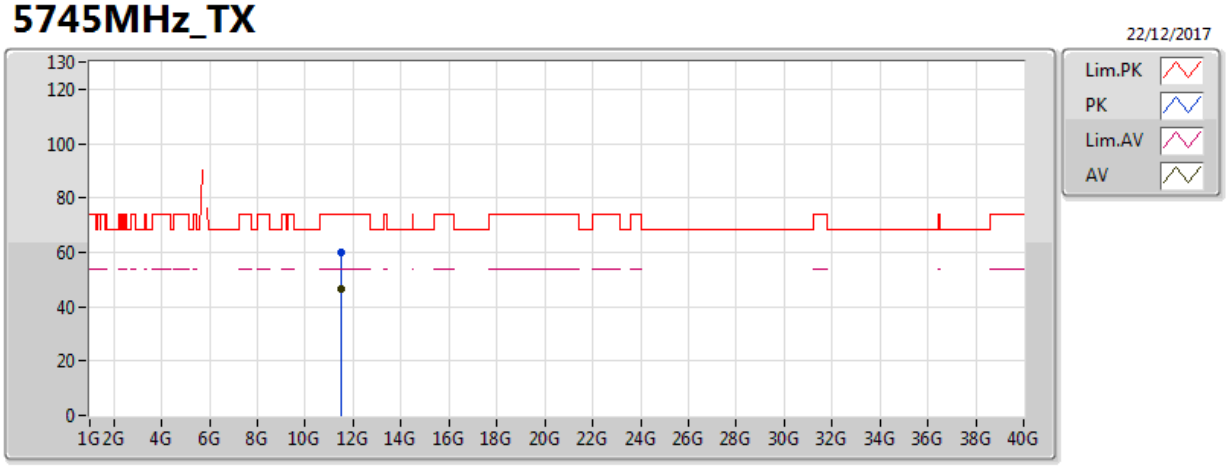


20171222
EUT Z_4 TX_Dipole
Setting 104
06-L-3
FSP(100080)
rtax880Ur220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.48964G	49.16	54.00	-4.84	18.01	3	Vertical	293	2.14
PK	11.48964G	62.21	74.00	-11.79	18.01	3	Vertical	293	2.14

802.11ac VHT20_Nss1,(MCS0)_4TX

5745MHz_TX

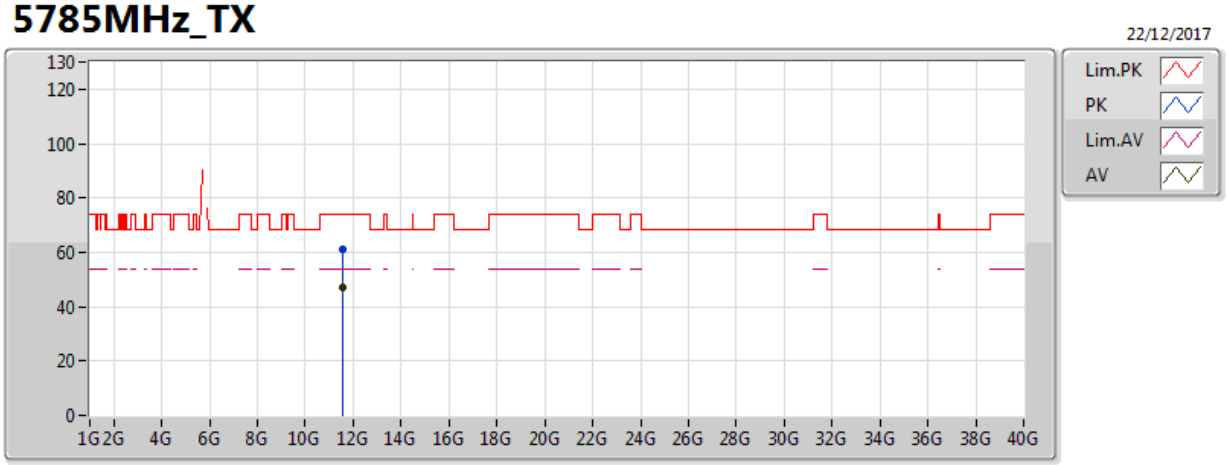


20171222
EUT Z_4 TX_Dipole
Setting 104
06-L-3
FSP(100080)
rtax880Ur220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.4909G	46.60	54.00	-7.40	18.01	3	Horizontal	81	2.99
PK	11.4936G	60.16	74.00	-13.84	18.01	3	Horizontal	81	2.99

802.11ac VHT20_Nss1,(MCS0)_4TX

5785MHz_TX

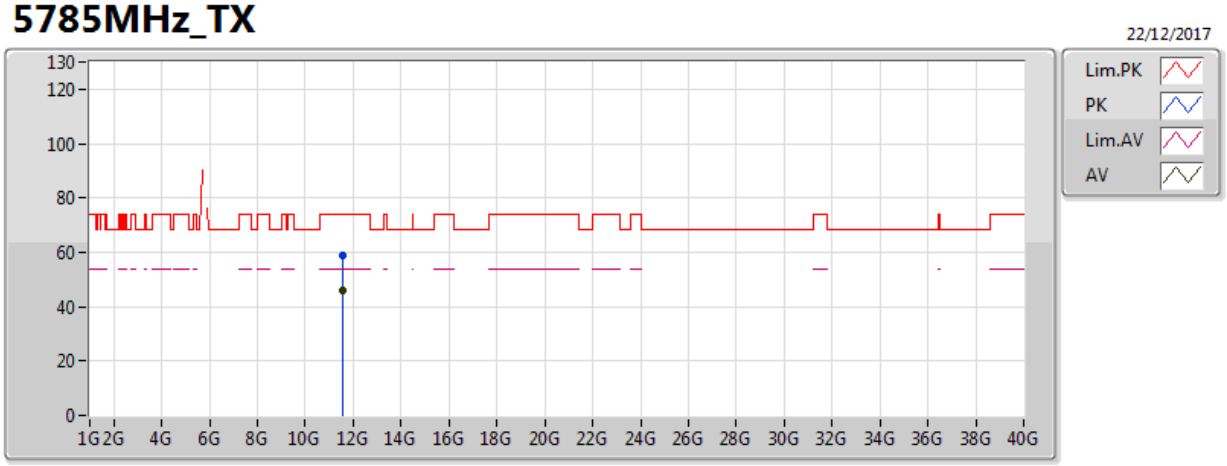


20171222
EUT Z_4 TX_Dipole
Setting 104
06-L-3
FSP(100080)
rtax880Ur220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.56964G	47.07	54.00	-6.93	18.00	3	Vertical	153	2.23
PK	11.5691G	60.80	74.00	-13.20	18.00	3	Vertical	153	2.23

802.11ac VHT20_Nss1,(MCS0)_4TX

5785MHz_TX

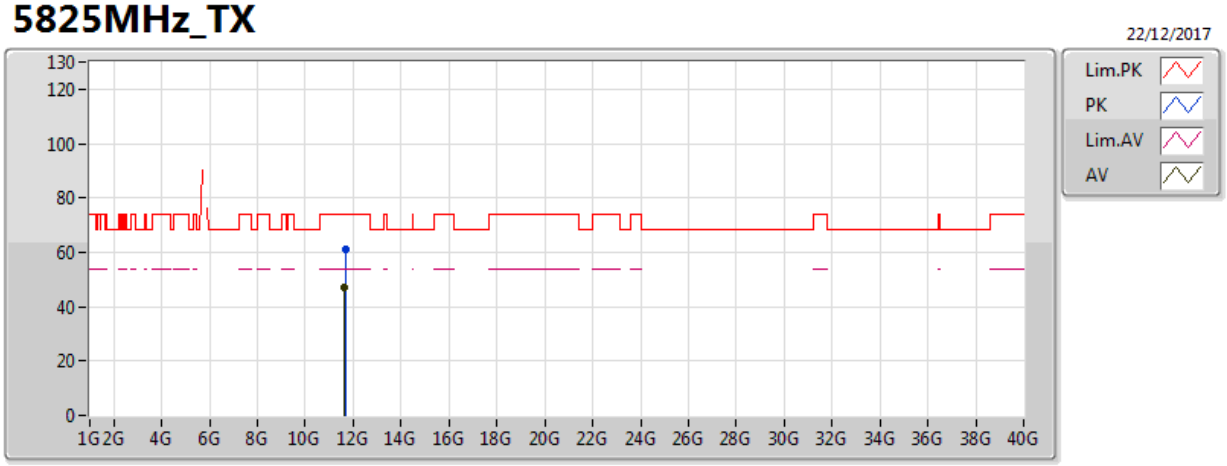


20171222
EUT Z_4 TX_Dipole
Setting 104
06-L-3
FSP(100080)
rtax880Ur220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.57102G	45.69	54.00	-8.31	18.00	3	Horizontal	112	2.18
PK	11.56646G	59.05	74.00	-14.95	18.00	3	Horizontal	112	2.18

802.11ac VHT20_Nss1,(MCS0)_4TX

5825MHz_TX

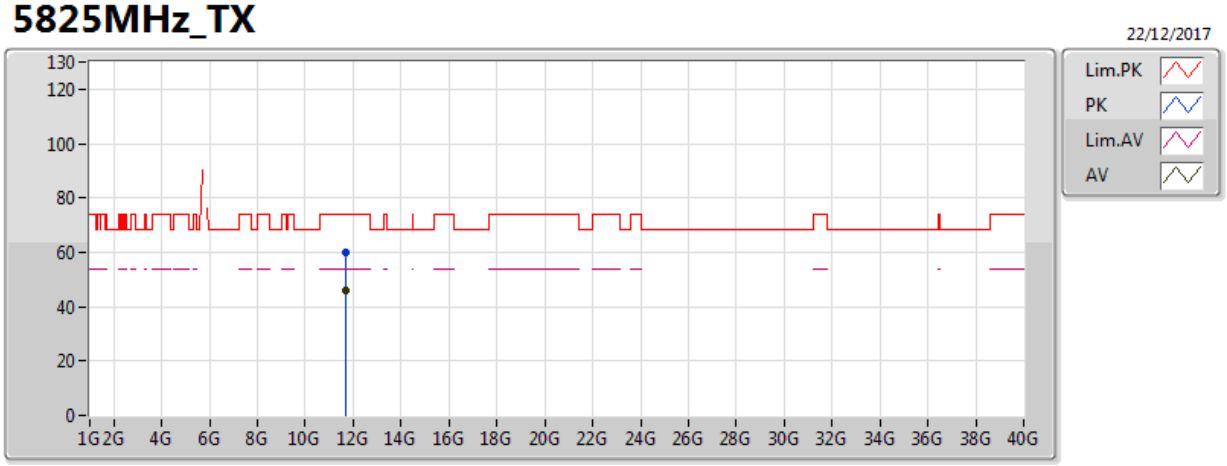


20171222
EUT Z_4 TX_Dipole
Setting 104
06-L-3
FSP(100080)
rtax880Ur220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.65198G	47.17	54.00	-6.83	17.99	3	Vertical	292	2.20
PK	11.65786G	60.80	74.00	-13.20	17.99	3	Vertical	292	2.20

802.11ac VHT20_Nss1,(MCS0)_4TX

5825MHz_TX

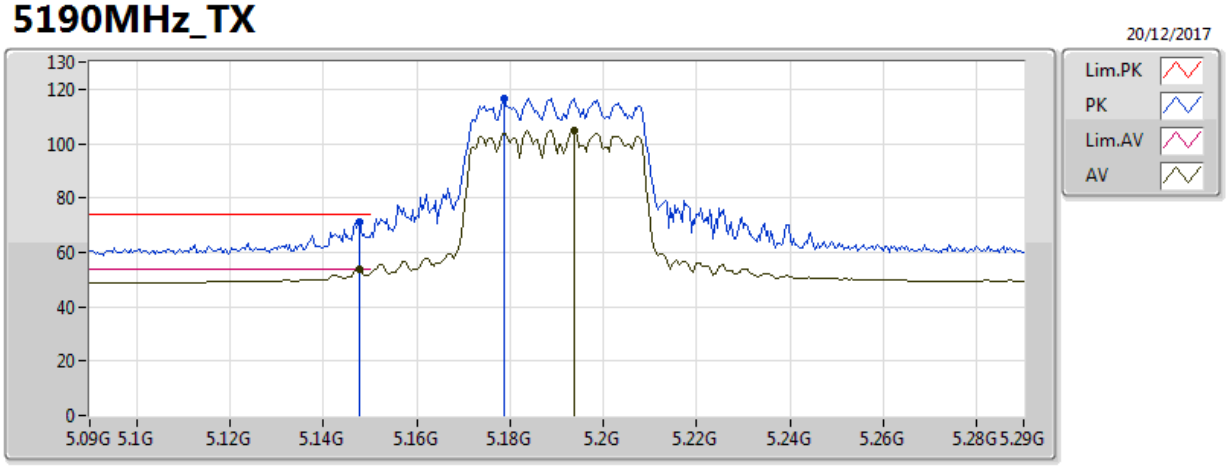


20171222
EUT Z_4 TX_Dipole
Setting 104
06-L-3
FSP(100080)
rtax880Ur220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.66302G	46.09	54.00	-7.91	17.99	3	Horizontal	125	1.50
PK	11.65828G	59.71	74.00	-14.29	17.99	3	Horizontal	125	1.50

802.11ac VHT40_Nss1,(MCS0)_4TX

5190MHz_TX

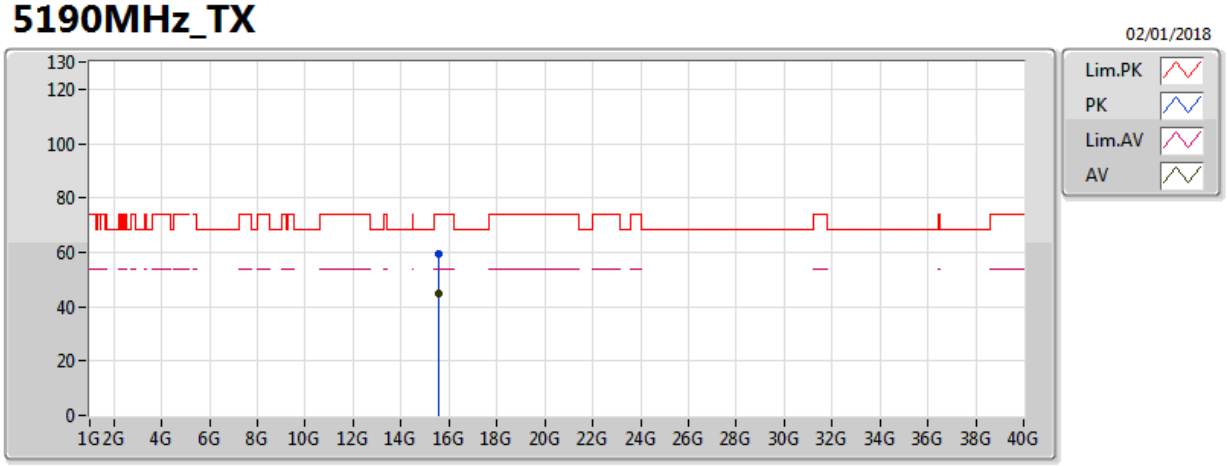


20171218
EUT Z_4 TX_Dipole
Setting 76
06-L-3-10
FSP(100080)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1476G	53.75	54.00	-0.25	7.43	3	Vertical	324	2.50	-
AV	5.1936G	104.61	Inf	-Inf	7.50	3	Vertical	324	2.50	-
PK	5.1476G	71.42	74.00	-2.58	7.43	3	Vertical	324	2.50	-
PK	5.1788G	116.56	Inf	-Inf	7.48	3	Vertical	324	2.50	-

802.11ac VHT40_Nss1,(MCS0)_4TX

5190MHz_TX

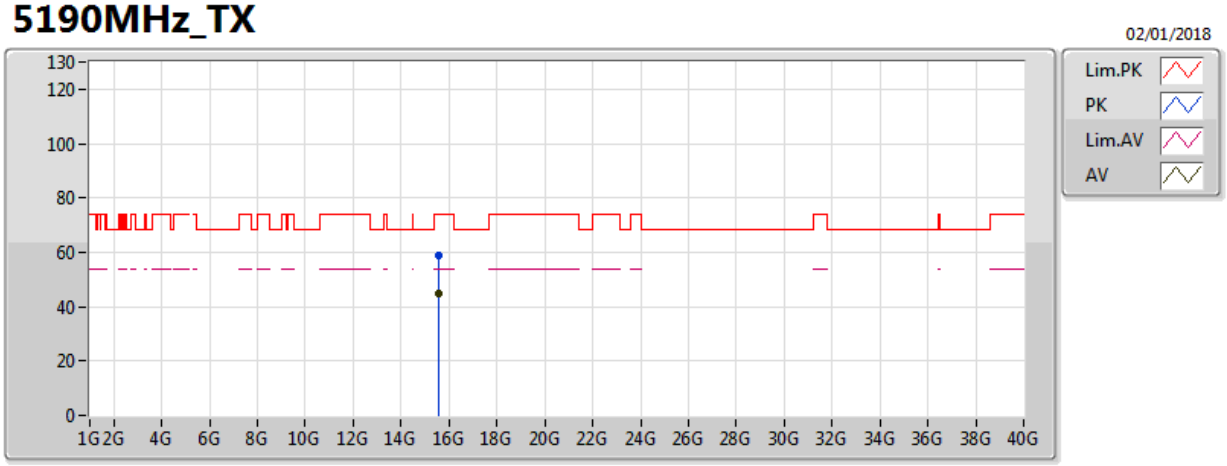


20180102
EUT Z_4 TX_Dipole
Setting 76
04-C-4
FSP(100142)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.57324G	44.96	54.00	-9.04	15.19	3	Vertical	41	1.50
PK	15.5702G	59.14	74.00	-14.86	15.19	3	Vertical	41	1.50

802.11ac VHT40_Nss1,(MCS0)_4TX

5190MHz_TX

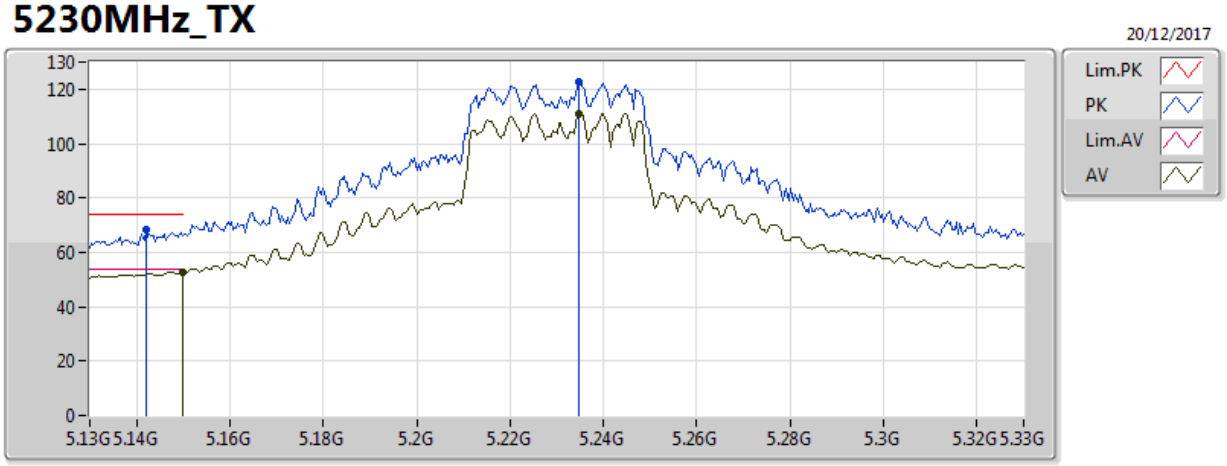


20180102
EUT Z_4 TX_Dipole
Setting 76
04-C-4
FSP(100142)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.56984G	44.96	54.00	-9.04	15.19	3	Horizontal	61	1.50
PK	15.56792G	58.75	74.00	-15.25	15.19	3	Horizontal	61	1.50

802.11ac VHT40_Nss1,(MCS0)_4TX

5230MHz_TX

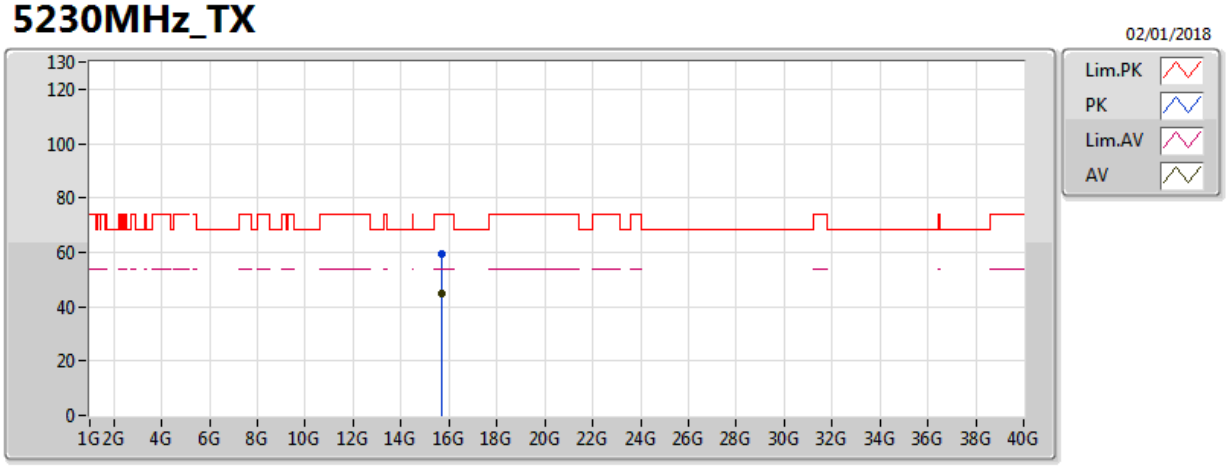


20171218
EUT Z_4 TX_Dipole
Setting 94
06-L-3-10
FSP(100080)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.149995G	52.88	54.00	-1.12	7.43	3	Vertical	343	1.92	-
AV	5.2348G	111.18	Inf	-Inf	7.56	3	Vertical	343	1.92	-
PK	5.142G	68.39	74.00	-5.61	7.42	3	Vertical	343	1.92	-
PK	5.2348G	122.65	Inf	-Inf	7.56	3	Vertical	343	1.92	-

802.11ac VHT40_Nss1,(MCS0)_4TX

5230MHz_TX

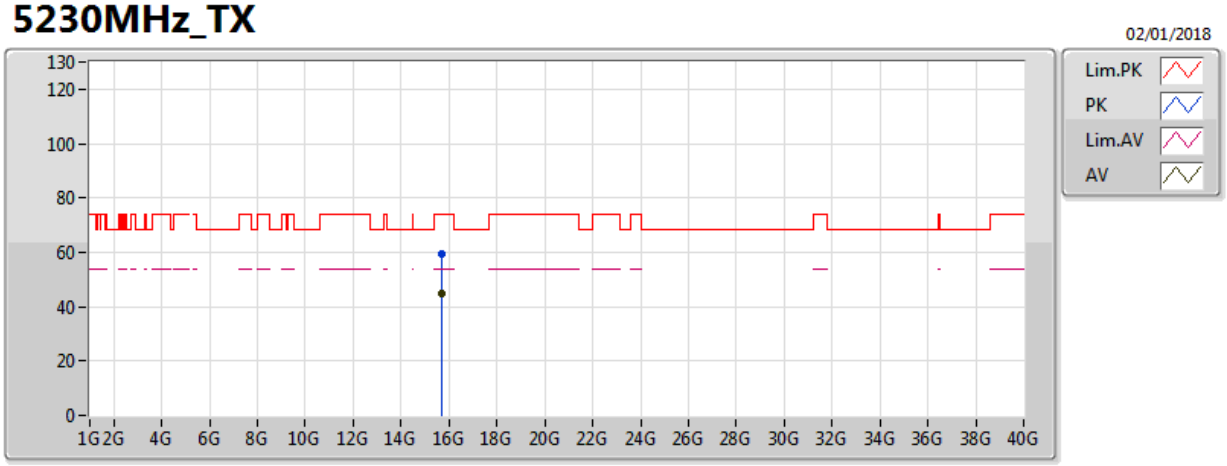


20180102
EUT Z_4 TX_Dipole
Setting 94
04-C-4
FSP(100142)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.685G	44.94	54.00	-9.06	15.07	3	Vertical	182	1.86
PK	15.68658G	59.14	74.00	-14.86	15.07	3	Vertical	182	1.86

802.11ac VHT40_Nss1,(MCS0)_4TX

5230MHz_TX

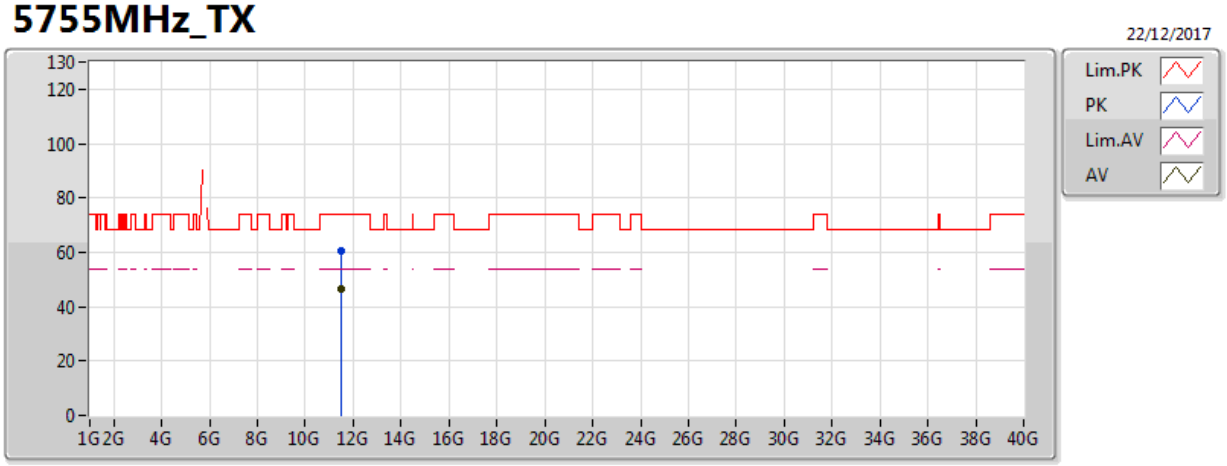


20180102
EUT Z_4 TX_Dipole
Setting 94
04-C-4
FSP(100142)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.68518G	44.97	54.00	-9.03	15.07	3	Horizontal	216	1.49
PK	15.68512G	59.14	74.00	-14.86	15.07	3	Horizontal	216	1.49

802.11ac VHT40_Nss1,(MCS0)_4TX

5755MHz_TX

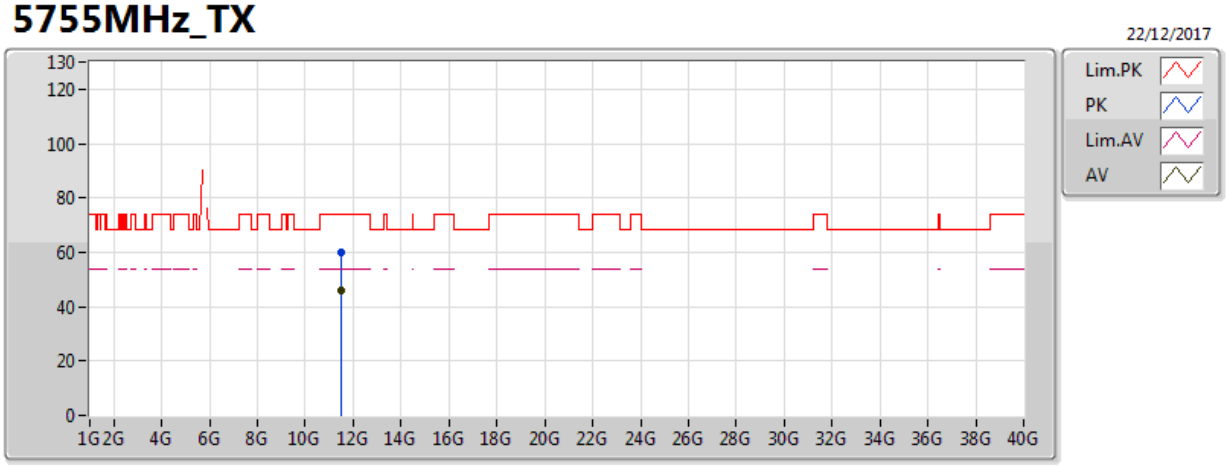


20171222
EUT Z_4 TX_Dipole
Setting 104
06-L-3
FSP(100080)
rtax880Ur220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.5097G	46.73	54.00	-7.27	18.01	3	Vertical	294	2.11
PK	11.52464G	60.71	74.00	-13.29	18.01	3	Vertical	294	2.11

802.11ac VHT40_Nss1,(MCS0)_4TX

5755MHz_TX

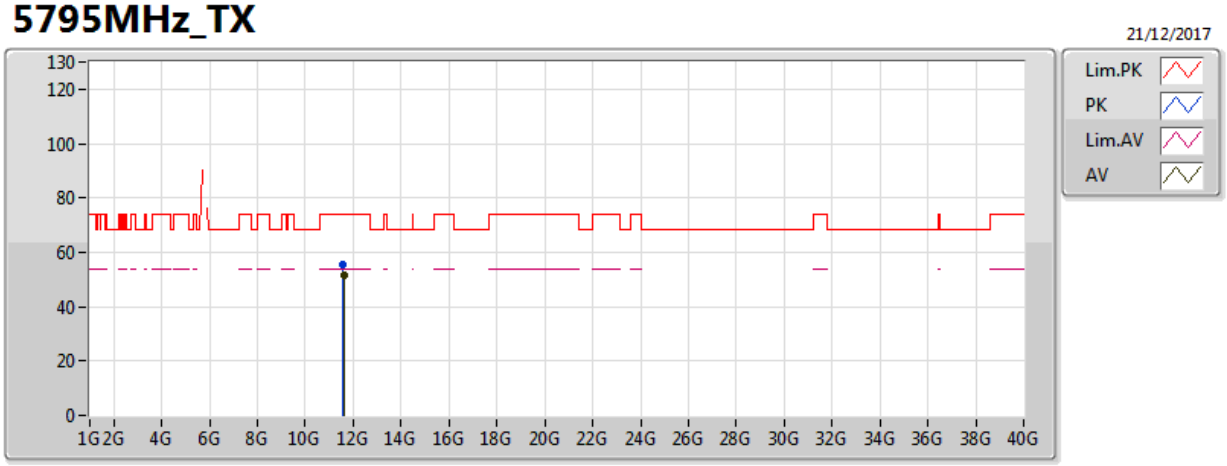


20171222
EUT Z_4 TX_Dipole
Setting 104
06-L-3
FSP(100080)
rtax880Ur220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.51012G	45.75	54.00	-8.25	18.01	3	Horizontal	224	2.92
PK	11.51048G	59.74	74.00	-14.26	18.01	3	Horizontal	224	2.92

802.11ac VHT40_Nss1,(MCS0)_4TX

5795MHz_TX

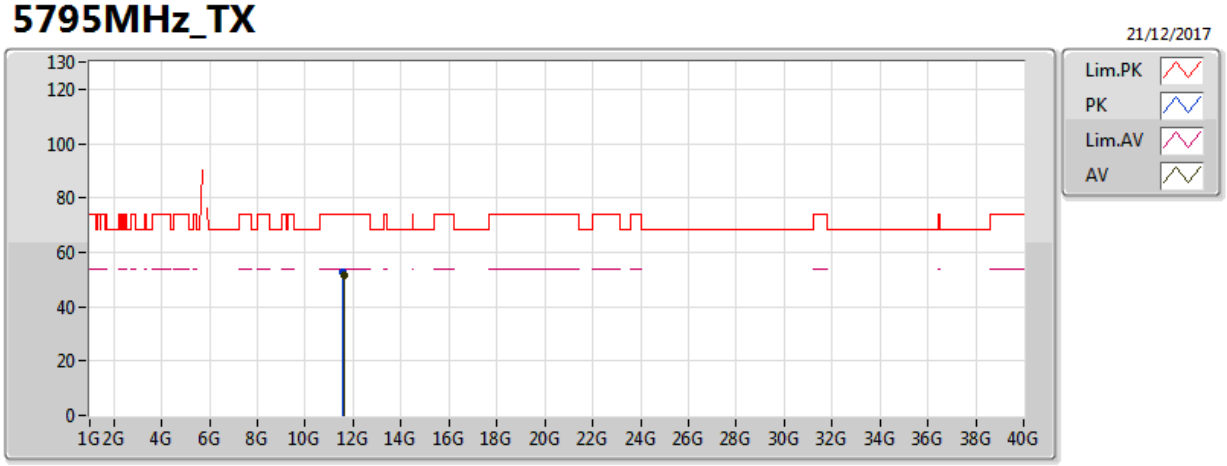


20171221
EUT Z_4 TX_Dipole
Setting 104
04-C-4
FSP(100304)
rtax880Ur220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.5949G	51.78	54.00	-2.22	13.34	3	Vertical	228	1.95	-
PK	11.58636G	55.26	74.00	-18.74	13.34	3	Vertical	228	1.95	-

802.11ac VHT40_Nss1,(MCS0)_4TX

5795MHz_TX

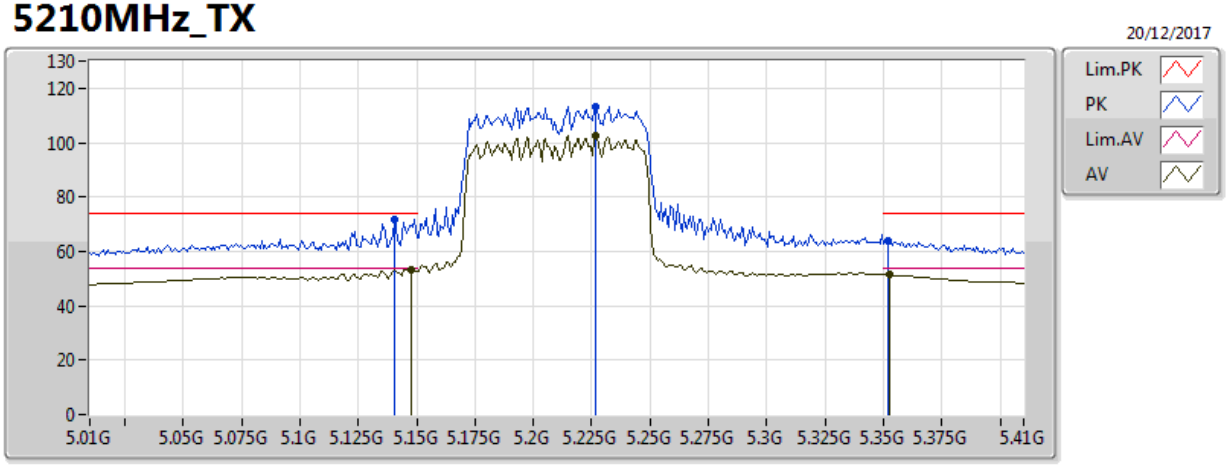


20171221
EUT Z_4 TX_Dipole
Setting 104
04-C-4
FSP(100304)
rtax880Ur220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.595G	51.55	54.00	-2.45	13.34	3	Horizontal	194	2.78	-
PK	11.59184G	52.81	74.00	-21.19	13.34	3	Horizontal	194	2.78	-

802.11ac VHT80_Nss1,(MCS0)_4TX

5210MHz_TX

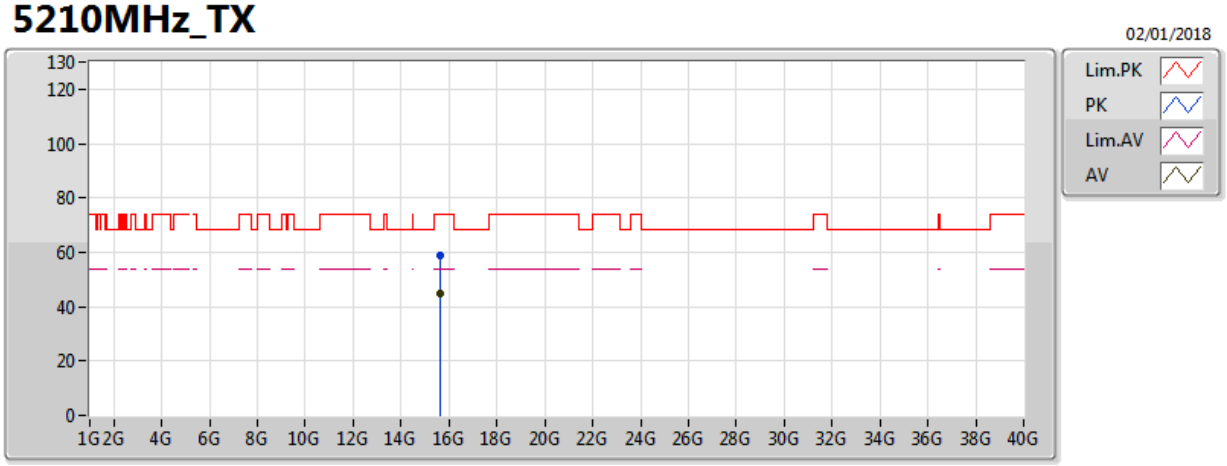


20171218
EUT Z_4 TX_Dipole
Setting 76
06-L-3-10
FSP(100080)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1476G	53.48	54.00	-0.52	7.43	3	Vertical	314	1.89	-
AV	5.2268G	102.60	Inf	-Inf	7.55	3	Vertical	314	1.89	-
AV	5.3524G	51.51	54.00	-2.49	7.73	3	Vertical	314	1.89	-
PK	5.1404G	71.65	74.00	-2.35	7.41	3	Vertical	314	1.89	-
PK	5.2268G	113.25	Inf	-Inf	7.55	3	Vertical	314	1.89	-
PK	5.3516G	63.66	74.00	-10.34	7.73	3	Vertical	314	1.89	-

802.11ac VHT80_Nss1,(MCS0)_4TX

5210MHz_TX

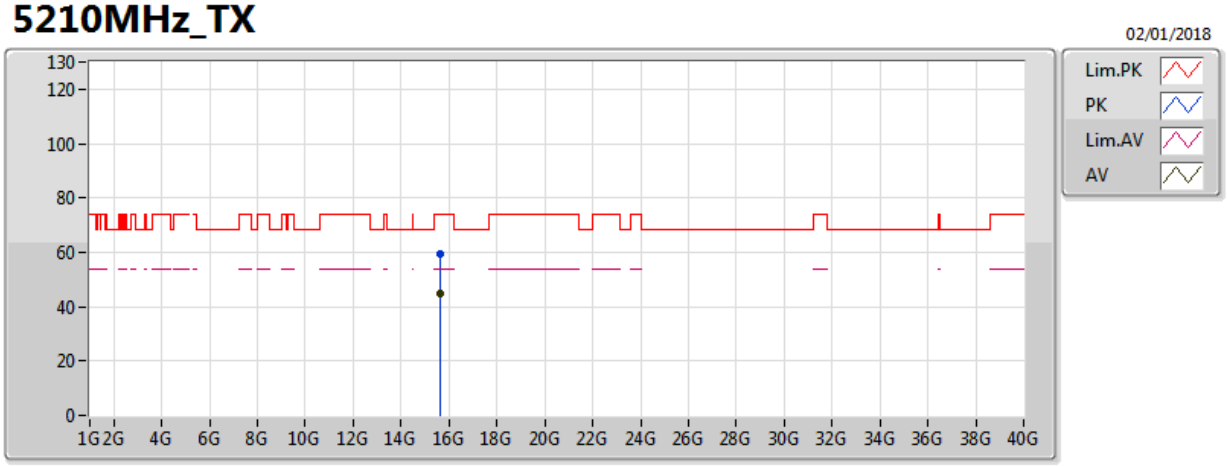


20180102
EUT Z_4 TX_Dipole
Setting 76
04-C-4
FSP(100142)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.62552G	44.96	54.00	-9.04	15.13	3	Vertical	153	1.41
PK	15.62842G	58.75	74.00	-15.25	15.13	3	Vertical	153	1.41

802.11ac VHT80_Nss1,(MCS0)_4TX

5210MHz_TX

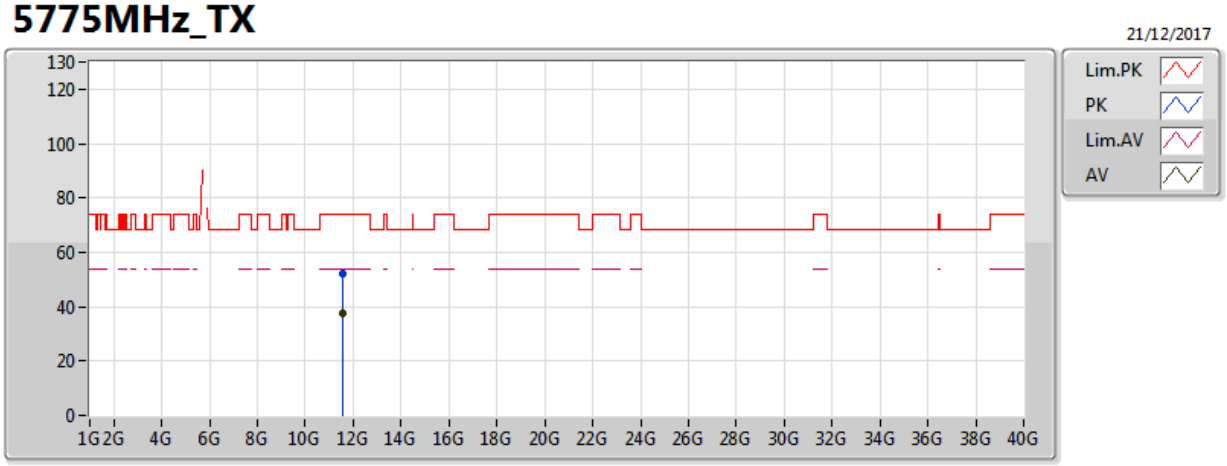


20180102
EUT Z_4 TX_Dipole
Setting 76
04-C-4
FSP(100142)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.62648G	44.95	54.00	-9.05	15.13	3	Horizontal	17	1.43
PK	15.63062G	59.57	74.00	-14.43	15.13	3	Horizontal	17	1.43

802.11ac VHT80_Nss1,(MCS0)_4TX

5775MHz_TX

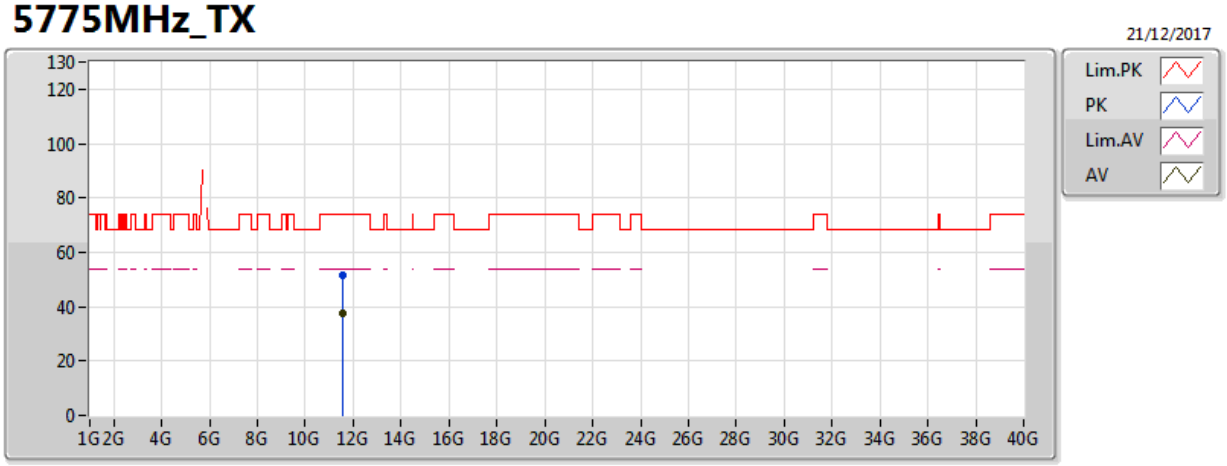


20171221
EUT Z_4 TX_Dipole
Setting 104
04-C-4
FSP(100304)
rtax880Ur220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.55388G	37.78	54.00	-16.22	13.33	3	Vertical	169	2.87	-
PK	11.54782G	51.85	74.00	-22.15	13.33	3	Vertical	169	2.87	-

802.11ac VHT80_Nss1,(MCS0)_4TX

5775MHz_TX

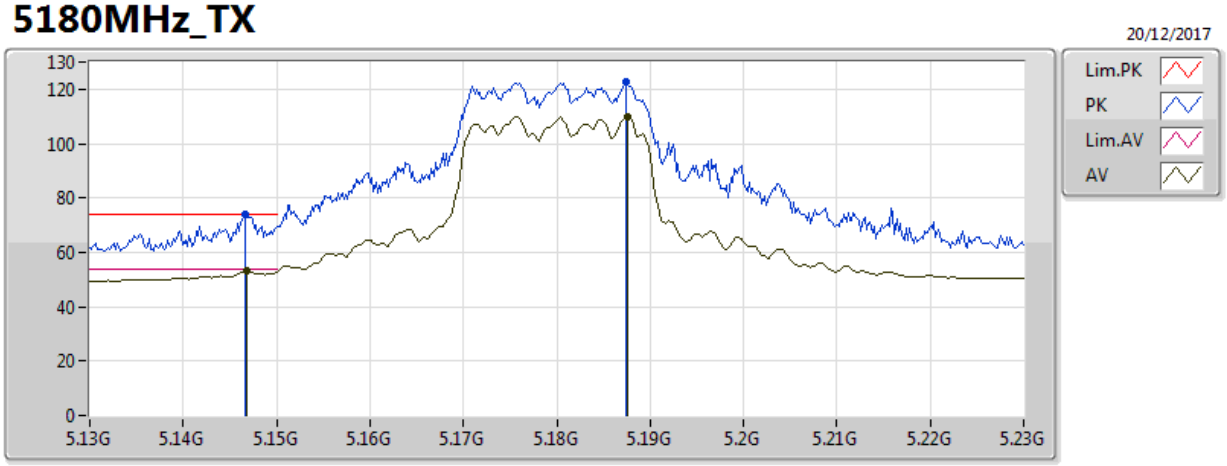


20171221
EUT Z_4 TX_Dipole
Setting 104
04-C-4
FSP(100304)
rtax880Ur220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.554G	37.58	54.00	-16.42	13.33	3	Horizontal	194	2.78	-
PK	11.54856G	51.74	74.00	-22.26	13.33	3	Horizontal	194	2.78	-

HE20_Nss1,(MCS0)_4TX

5180MHz_TX

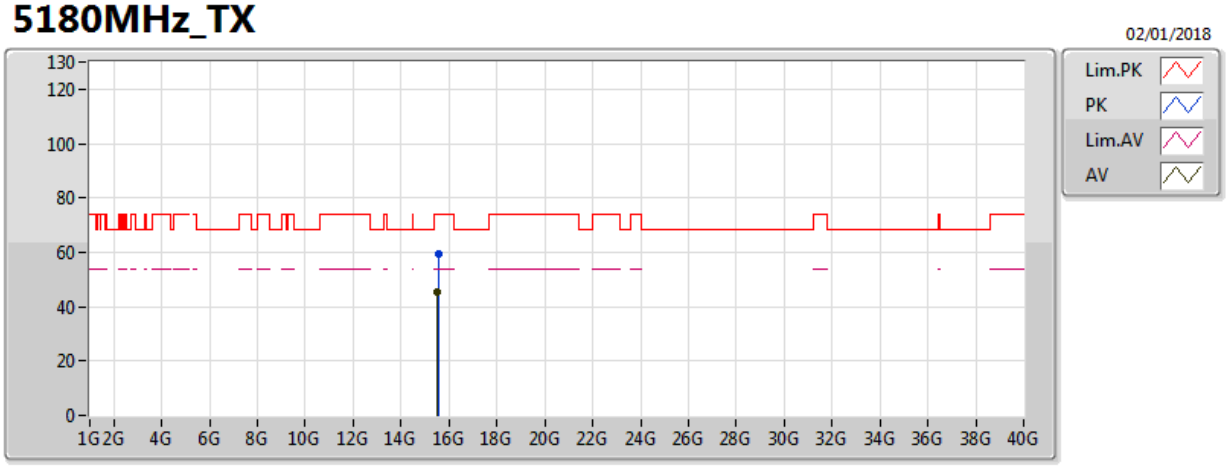


20171218
EUT Z_4 TX_Dipole
Setting 84
06-L-3-10
FSP(100080)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1468G	53.12	54.00	-0.88	7.42	3	Vertical	347	2.40	-
AV	5.1876G	109.79	Inf	-Inf	7.49	3	Vertical	347	2.40	-
PK	5.1466G	73.93	74.00	-0.07	7.42	3	Vertical	347	2.40	-
PK	5.1874G	122.84	Inf	-Inf	7.49	3	Vertical	347	2.40	-

HE20_Nss1,(MCS0)_4TX

5180MHz_TX

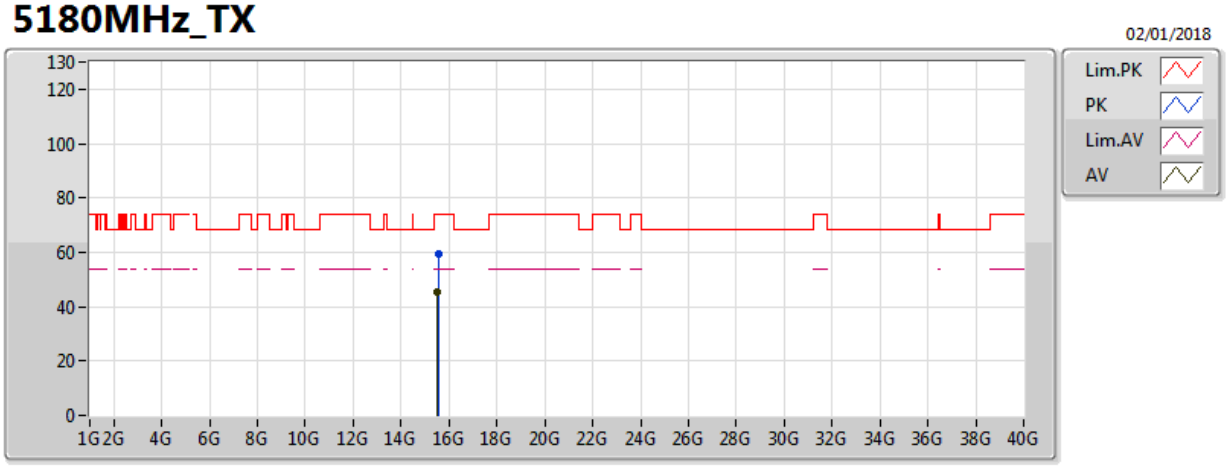


20180102
EUT Z_4 TX_Dipole
Setting 84
04-C-4
FSP(100142)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.53662G	45.24	54.00	-8.76	15.23	3	Vertical	254	1.50
PK	15.53764G	59.27	74.00	-14.73	15.22	3	Vertical	254	1.50

HE20_Nss1,(MCS0)_4TX

5180MHz_TX

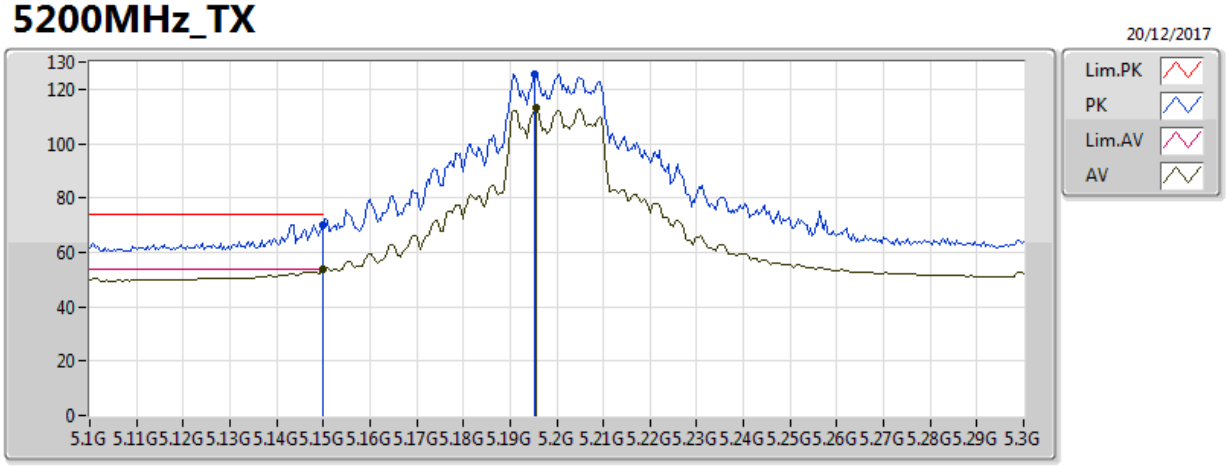


20180102
EUT Z_4 TX_Dipole
Setting 84
04-C-4
FSP(100142)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.53714G	45.19	54.00	-8.81	15.23	3	Horizontal	68	1.50
PK	15.53822G	59.32	74.00	-14.68	15.22	3	Horizontal	68	1.50

HE20_Nss1,(MCS0)_4TX

5200MHz_TX

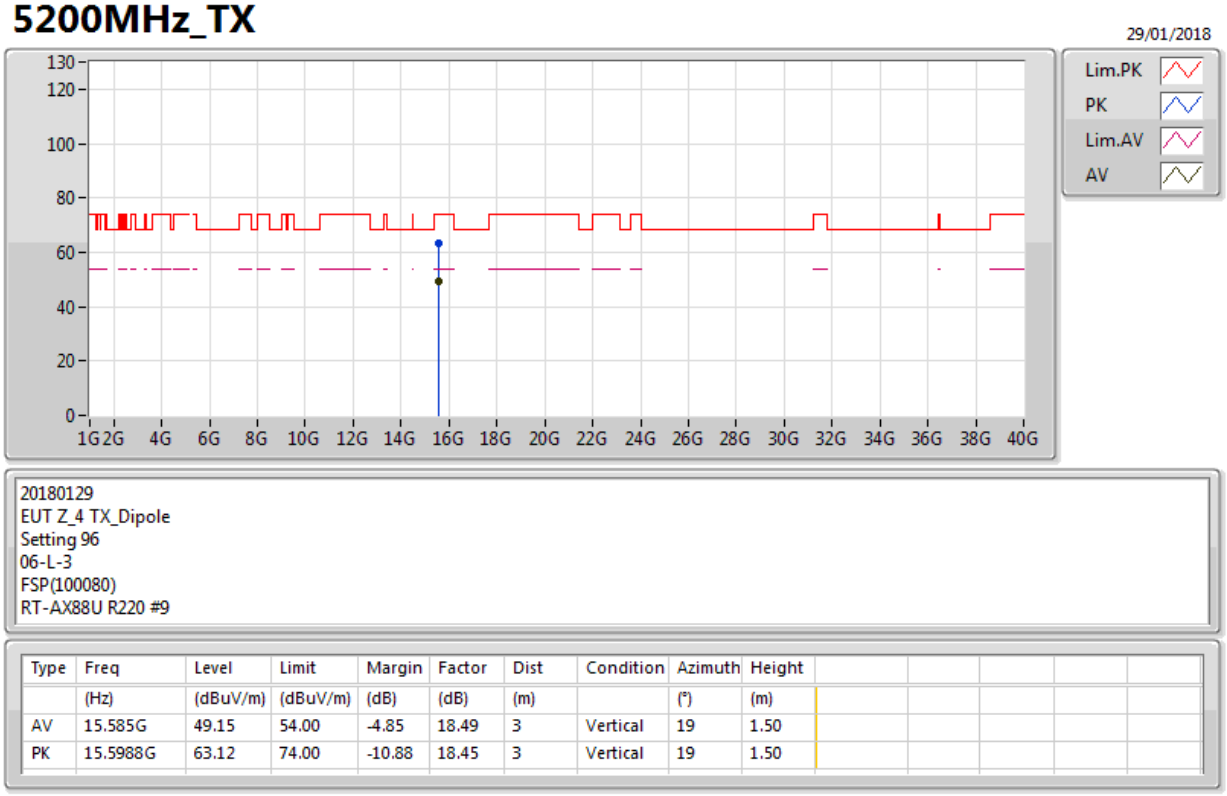


20171218
EUT Z_4 TX_Dipole
Setting 96
06-L-3-10
FSP(100080)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.149995G	53.65	54.00	-0.35	7.43	3	Vertical	13	2.00	-
AV	5.1956G	112.97	Inf	-Inf	7.50	3	Vertical	13	2.00	-
PK	5.149995G	70.32	74.00	-3.68	7.43	3	Vertical	13	2.00	-
PK	5.1952G	125.48	Inf	-Inf	7.50	3	Vertical	13	2.00	-

HE20_Nss1,(MCS0)_4TX

5200MHz_TX

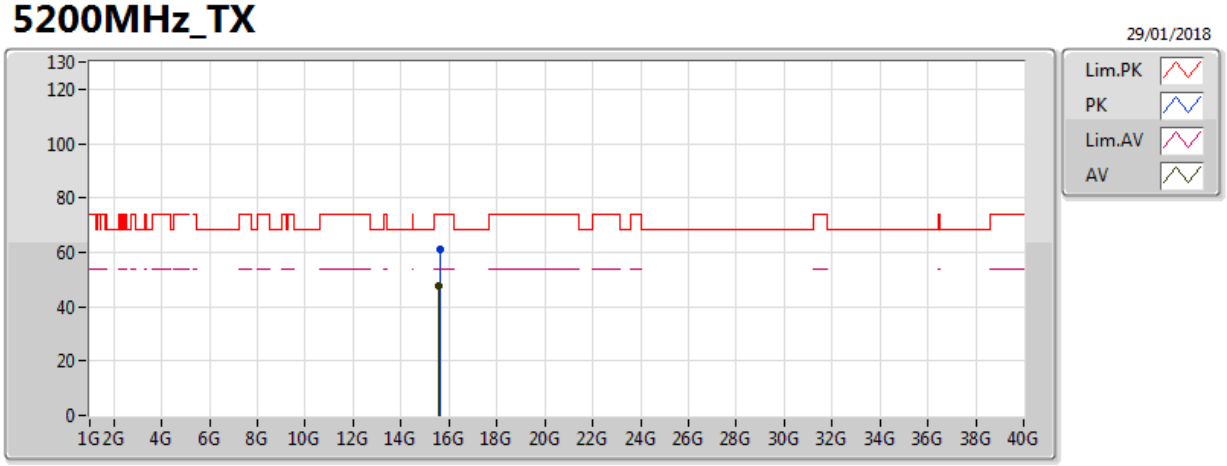


20180129
EUT Z_4 TX_Dipole
Setting 96
06-L-3
FSP(100080)
RT-AX88U R220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.585G	49.15	54.00	-4.85	18.49	3	Vertical	19	1.50
PK	15.5988G	63.12	74.00	-10.88	18.45	3	Vertical	19	1.50

HE20_Nss1,(MCS0)_4TX

5200MHz_TX

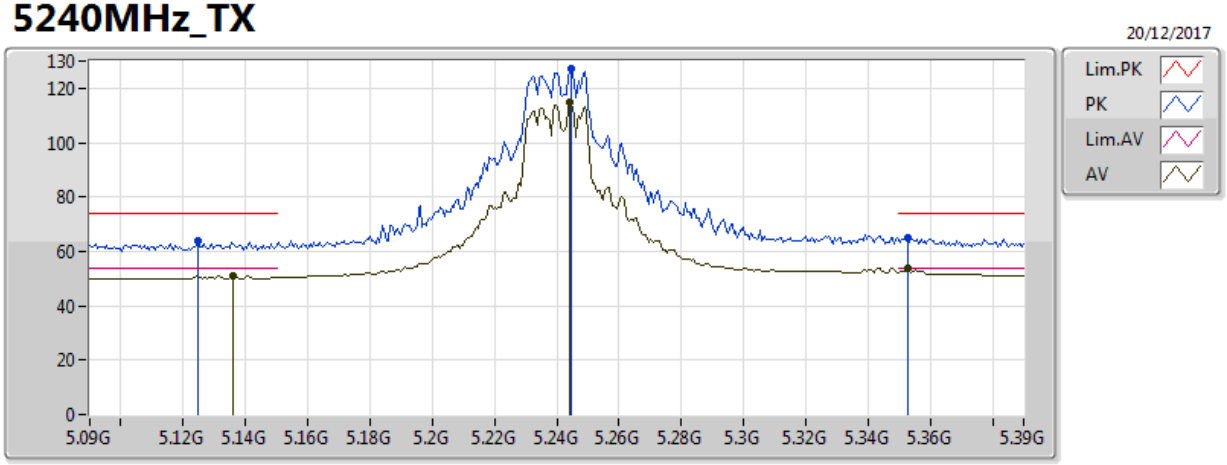


20180129
EUT Z_4 TX_Dipole
Setting 96
06-L-3
FSP(100080)
RT-AX88U R220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.59016G	47.68	54.00	-6.32	18.47	3	Horizontal	19	1.50
PK	15.60462G	61.33	74.00	-12.67	18.43	3	Horizontal	19	1.50

HE20_Nss1,(MCS0)_4TX

5240MHz_TX

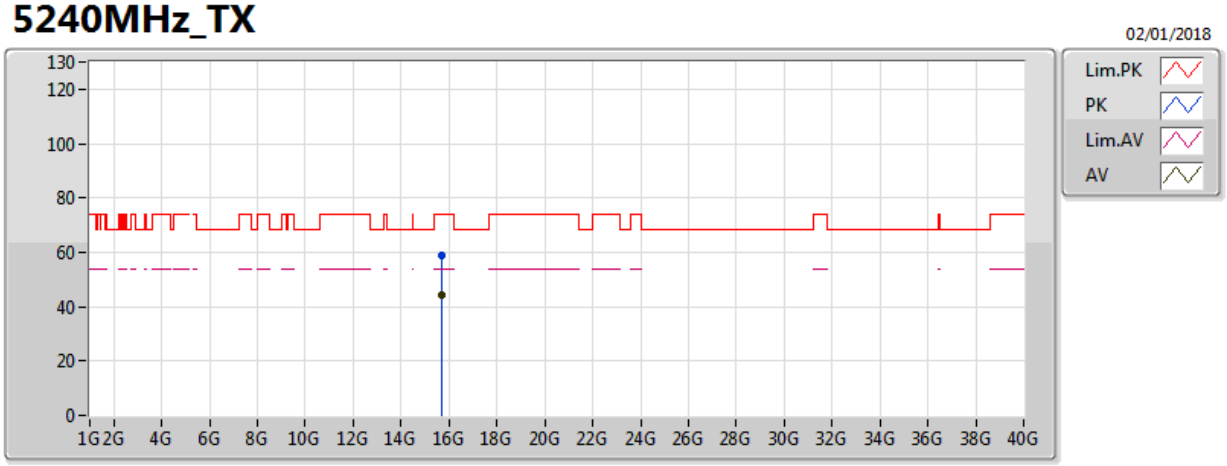


20171218
EUT Z_4 TX_Dipole
Setting 96
06-L-3-10
FSP(100080)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1362G	51.22	54.00	-2.78	7.41	3	Vertical	314	1.86	-
AV	5.2442G	114.81	Inf	-Inf	7.57	3	Vertical	314	1.86	-
AV	5.3528G	53.56	54.00	-0.44	7.73	3	Vertical	314	1.86	-
PK	5.1248G	64.10	74.00	-9.90	7.39	3	Vertical	314	1.86	-
PK	5.2448G	127.39	Inf	-Inf	7.57	3	Vertical	314	1.86	-
PK	5.3528G	65.03	74.00	-8.97	7.73	3	Vertical	314	1.86	-

HE20_Nss1,(MCS0)_4TX

5240MHz_TX

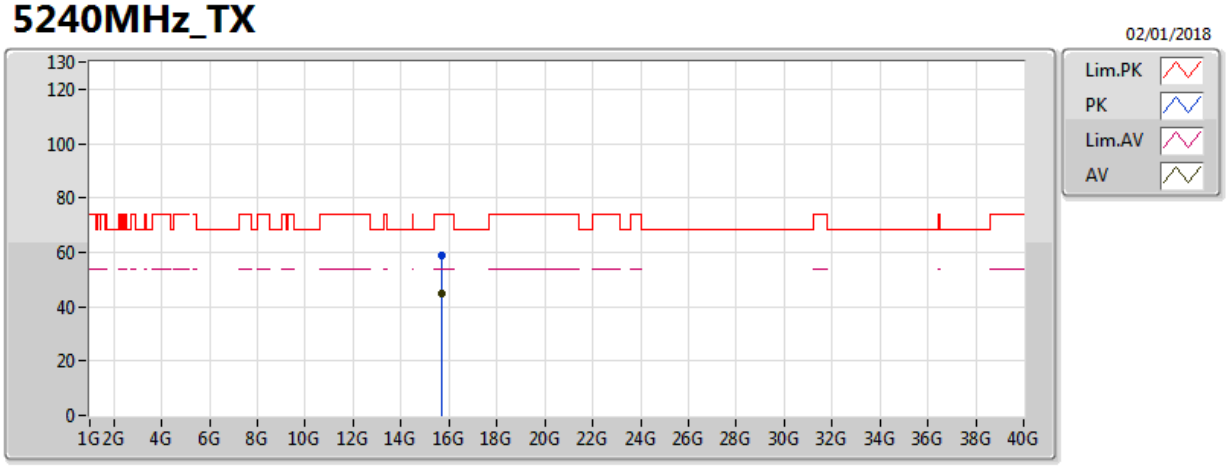


20180102
EUT Z_4 TX_Dipole
Setting 96
04-C-4
FSP(100142)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.71794G	44.22	54.00	-9.78	15.03	3	Vertical	5	1.50
PK	15.72404G	58.67	74.00	-15.33	15.03	3	Vertical	5	1.50

HE20_Nss1,(MCS0)_4TX

5240MHz_TX

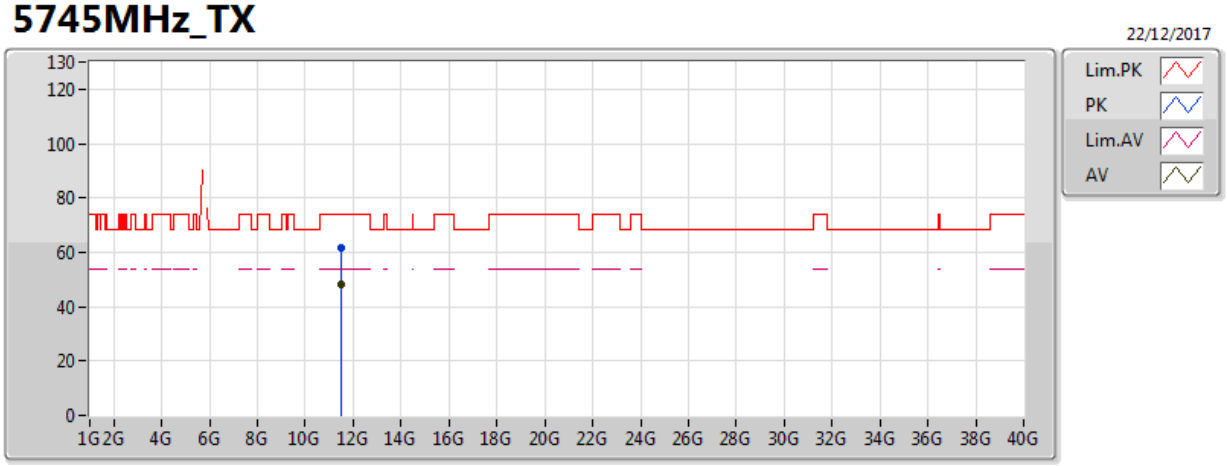


20180102
EUT Z_4 TX_Dipole
Setting 96
04-C-4
FSP(100142)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.72444G	44.73	54.00	-9.27	15.02	3	Horizontal	249	2.33
PK	15.72176G	59.10	74.00	-14.90	15.03	3	Horizontal	249	2.33

HE20_Nss1,(MCS0)_4TX

5745MHz_TX

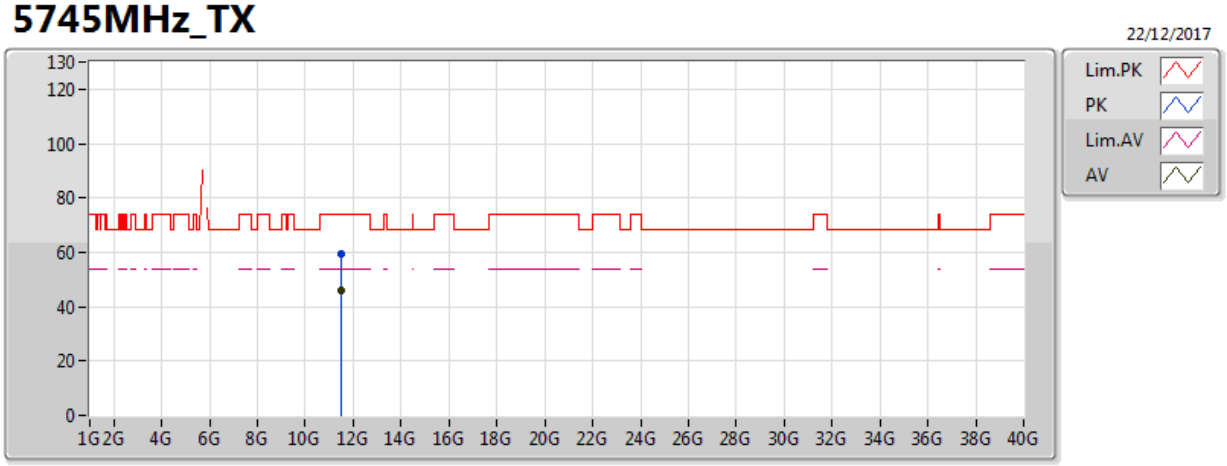


20171222
EUT Z_4 TX_Dipole
Setting 104
06-L-3
FSP(100080)
rtax880Ur220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.48838G	48.30	54.00	-5.70	18.01	3	Vertical	169	2.99
PK	11.47776G	61.41	74.00	-12.59	18.01	3	Vertical	169	2.99

HE20_Nss1,(MCS0)_4TX

5745MHz_TX

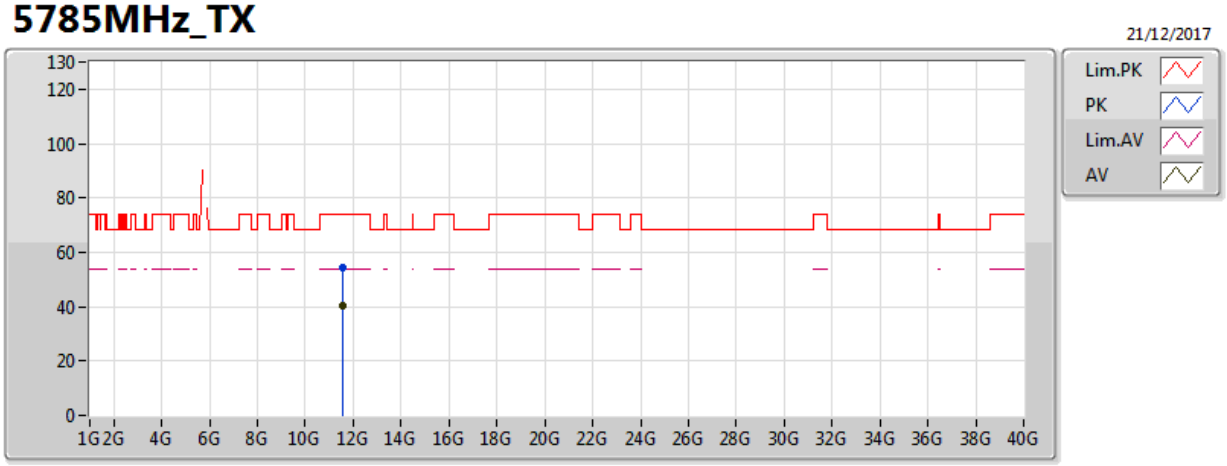


20171222
EUT Z_4 TX_Dipole
Setting 104
06-L-3
FSP(100080)
rtax880Ur220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.49096G	45.89	54.00	-8.11	18.01	3	Horizontal	77	2.97
PK	11.49528G	59.49	74.00	-14.51	18.01	3	Horizontal	77	2.97

HE20_Nss1,(MCS0)_4TX

5785MHz_TX

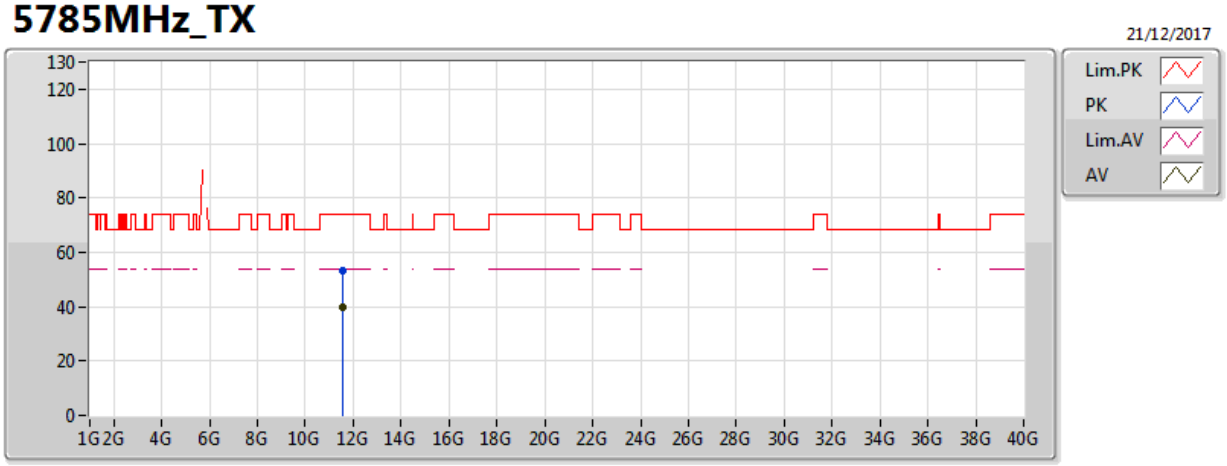


20171221
EUT Z_4 TX_Dipole
Setting 104
04-C-4
FSP(100304)
rtax880Ur220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.5744G	40.46	54.00	-13.54	13.33	3	Vertical	149	2.13	-
PK	11.57134G	54.60	74.00	-19.40	13.33	3	Vertical	149	2.13	-

HE20_Nss1,(MCS0)_4TX

5785MHz_TX

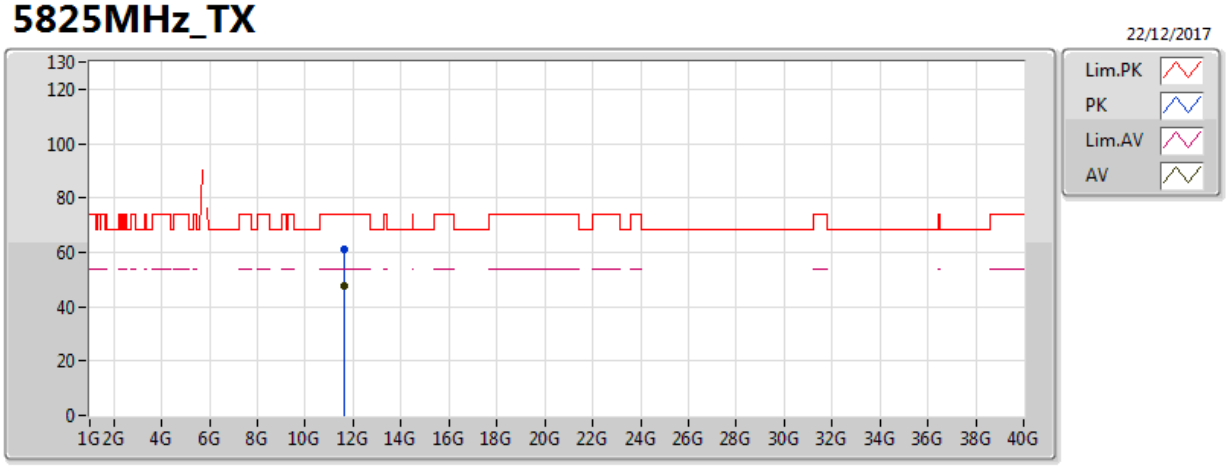


20171221
EUT Z_4 TX_Dipole
Setting 104
04-C-4
FSP(100304)
rtax880Ur220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.5707G	39.76	54.00	-14.24	13.33	3	Horizontal	211	2.15	-
PK	11.57014G	53.04	74.00	-20.96	13.33	3	Horizontal	211	2.15	-

HE20_Nss1,(MCS0)_4TX

5825MHz_TX

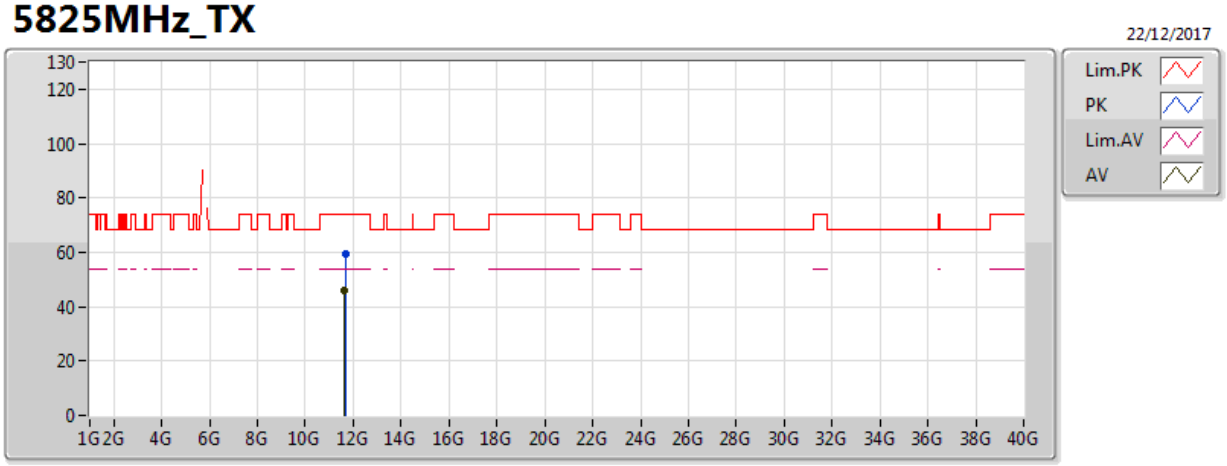


20171222
EUT Z_4 TX_Dipole
Setting 104
06-L-3
FSP(100080)
rtax880Ur220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.65174G	47.38	54.00	-6.62	17.99	3	Vertical	235	2.12
PK	11.6521G	61.19	74.00	-12.81	17.99	3	Vertical	235	2.12

HE20_Nss1,(MCS0)_4TX

5825MHz_TX

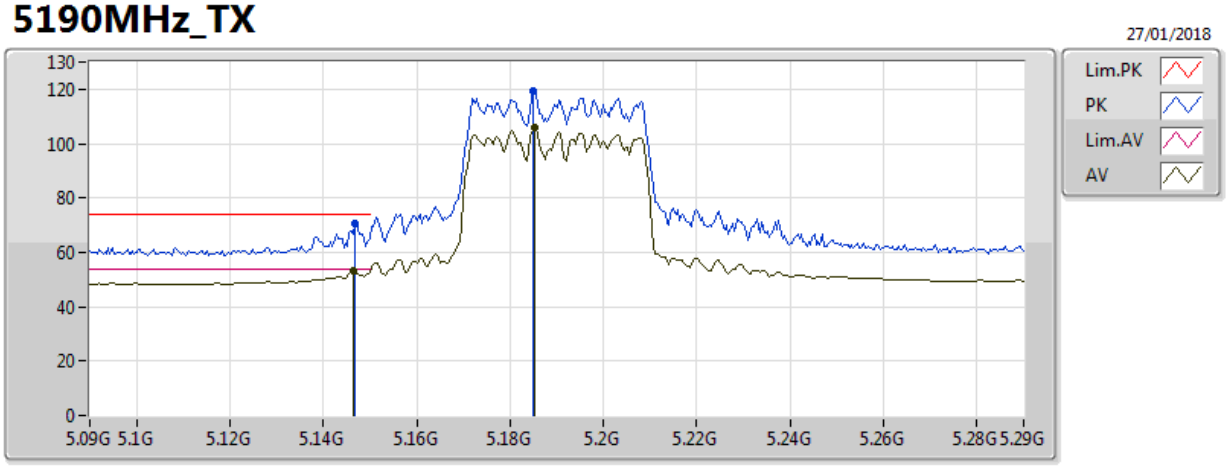


20171222
EUT Z_4 TX_Dipole
Setting 104
06-L-3
FSP(100080)
rtax880Ur220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.6518G	46.21	54.00	-7.79	17.99	3	Horizontal	293	2.98
PK	11.66284G	59.49	74.00	-14.51	17.99	3	Horizontal	293	2.98

HE40_Nss1,(MCS0)_4TX

5190MHz_TX

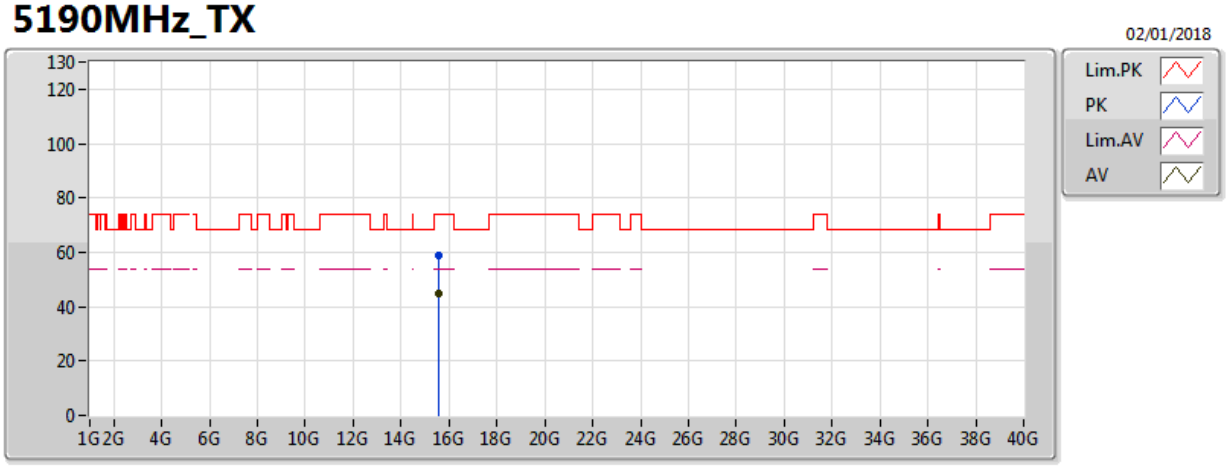


20171218
EUT Z_4 TX_Dipole
Setting 75
06-L-3-10
FSP(100080)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.1464G	53.25	54.00	-0.75	7.42	3	Vertical	345	1.98
AV	5.1852G	105.94	Inf	-Inf	7.49	3	Vertical	345	1.98
PK	5.1468G	70.52	74.00	-3.48	7.42	3	Vertical	345	1.98
PK	5.1848G	119.15	Inf	-Inf	7.49	3	Vertical	345	1.98

HE40_Nss1,(MCS0)_4TX

5190MHz_TX

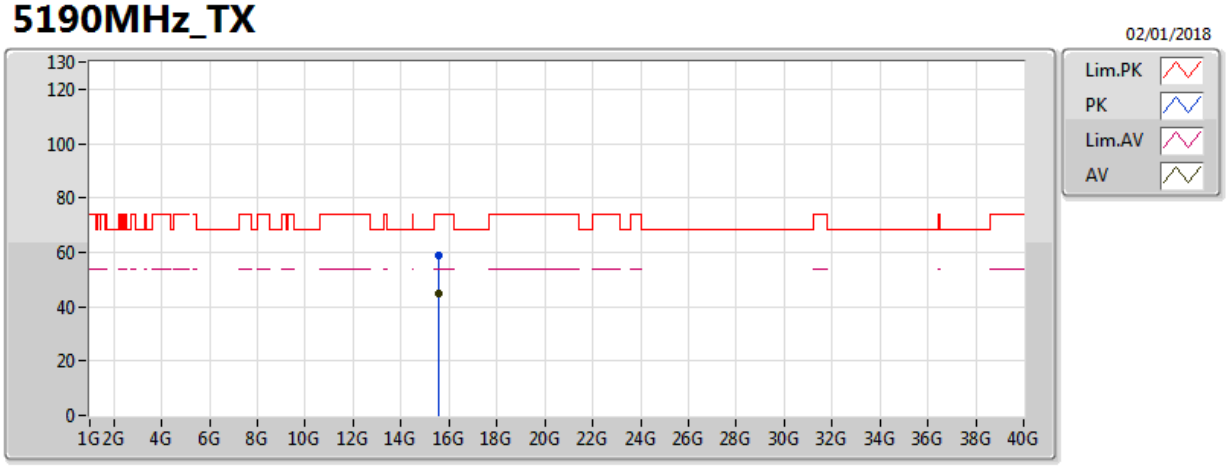


20180102
EUT Z_4 TX_Dipole
Setting 75
04-C-4
FSP(100142)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.56726G	45.02	54.00	-8.98	15.19	3	Vertical	42	2.37
PK	15.56558G	59.07	74.00	-14.93	15.19	3	Vertical	42	2.37

HE40_Nss1,(MCS0)_4TX

5190MHz_TX

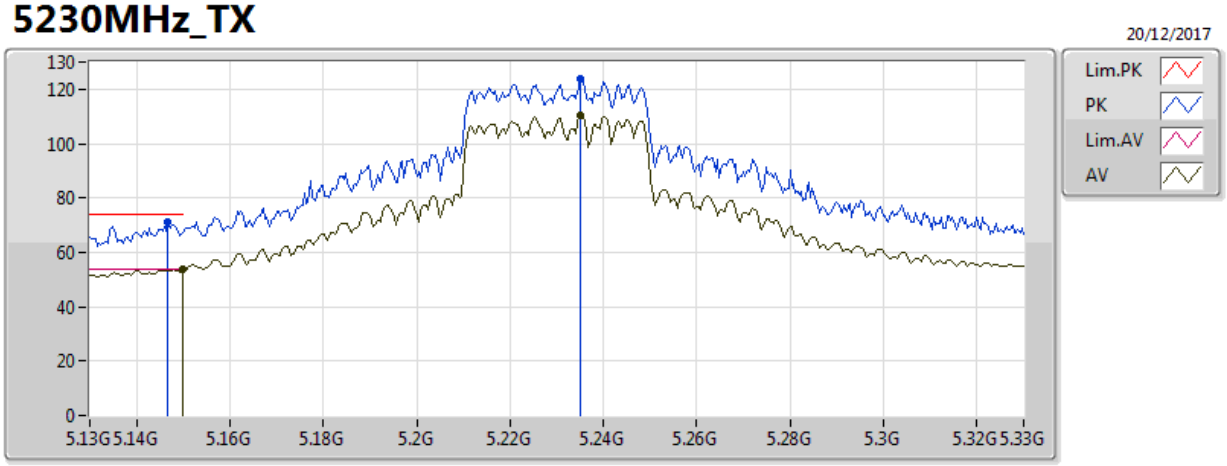


20180102
EUT Z_4 TX_Dipole
Setting 75
04-C-4
FSP(100142)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.5734G	45.01	54.00	-8.99	15.19	3	Horizontal	49	1.50
PK	15.56934G	58.98	74.00	-15.02	15.19	3	Horizontal	49	1.50

HE40_Nss1,(MCS0)_4TX

5230MHz_TX

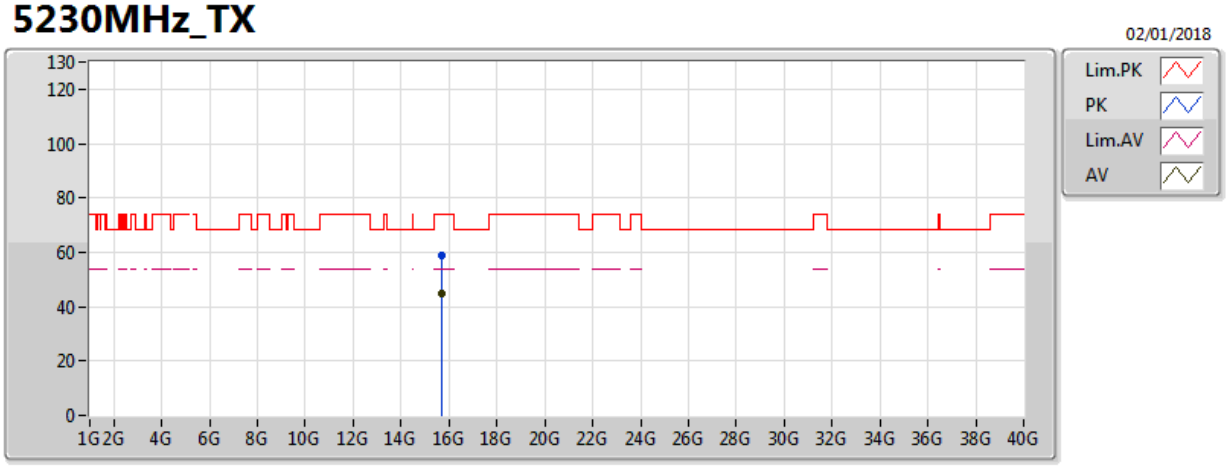


20171218
EUT Z_4 TX_Dipole
Setting 94
06-L-3-10
FSP(100080)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.149995G	53.83	54.00	-0.17	7.43	3	Vertical	9	1.93	-
AV	5.2352G	110.51	Inf	-Inf	7.56	3	Vertical	9	1.93	-
PK	5.1468G	71.03	74.00	-2.97	7.42	3	Vertical	9	1.93	-
PK	5.2352G	123.87	Inf	-Inf	7.56	3	Vertical	9	1.93	-

HE40_Nss1,(MCS0)_4TX

5230MHz_TX

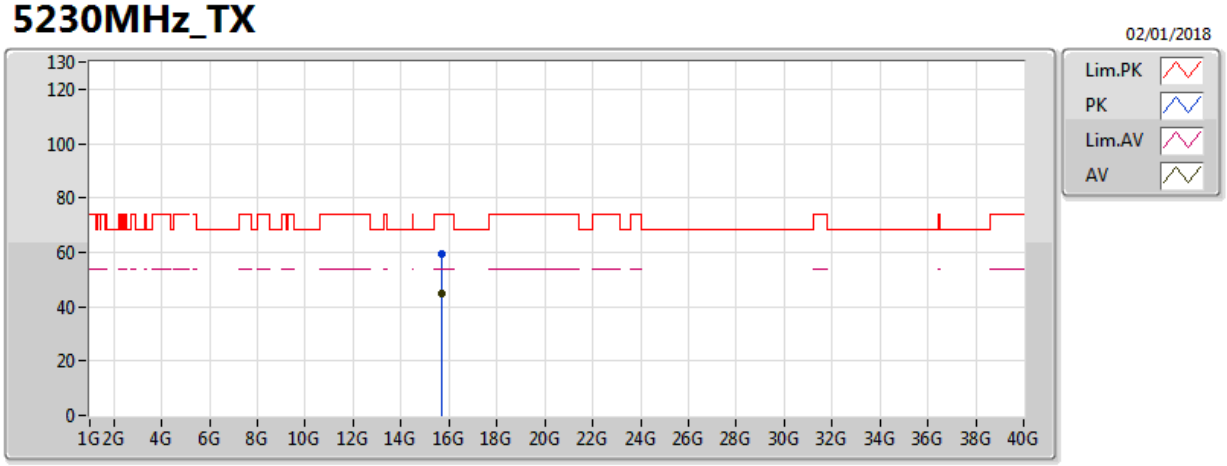


20180102
EUT Z_4 TX_Dipole
Setting 94
04-C-4
FSP(100142)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.68504G	44.95	54.00	-9.05	15.07	3	Vertical	289	2.06
PK	15.68706G	59.06	74.00	-14.94	15.06	3	Vertical	289	2.06

HE40_Nss1,(MCS0)_4TX

5230MHz_TX

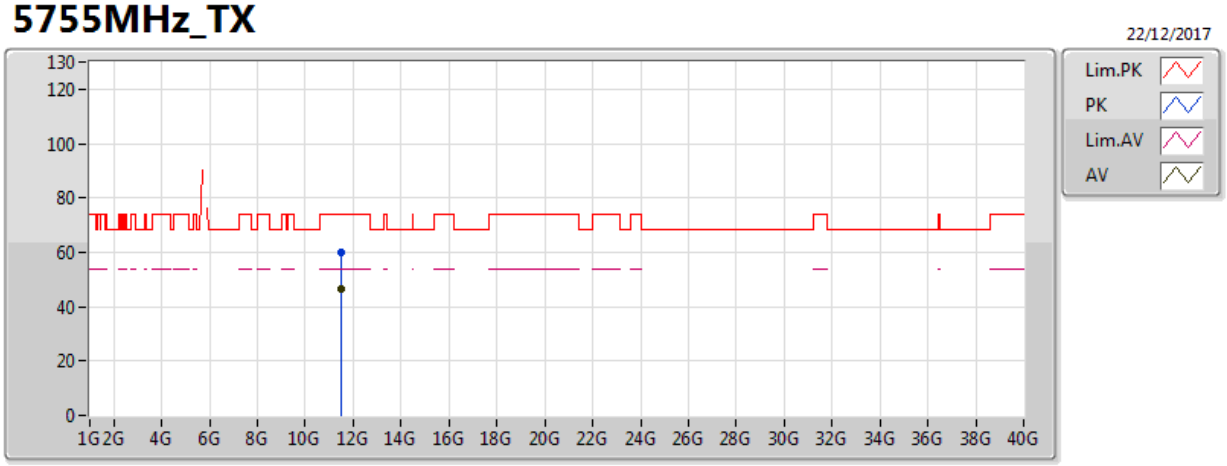


20180102
EUT Z_4 TX_Dipole
Setting 94
04-C-4
FSP(100142)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.68536G	44.90	54.00	-9.10	15.07	3	Horizontal	141	1.50
PK	15.69082G	59.16	74.00	-14.84	15.06	3	Horizontal	141	1.50

HE40_Nss1,(MCS0)_4TX

5755MHz_TX

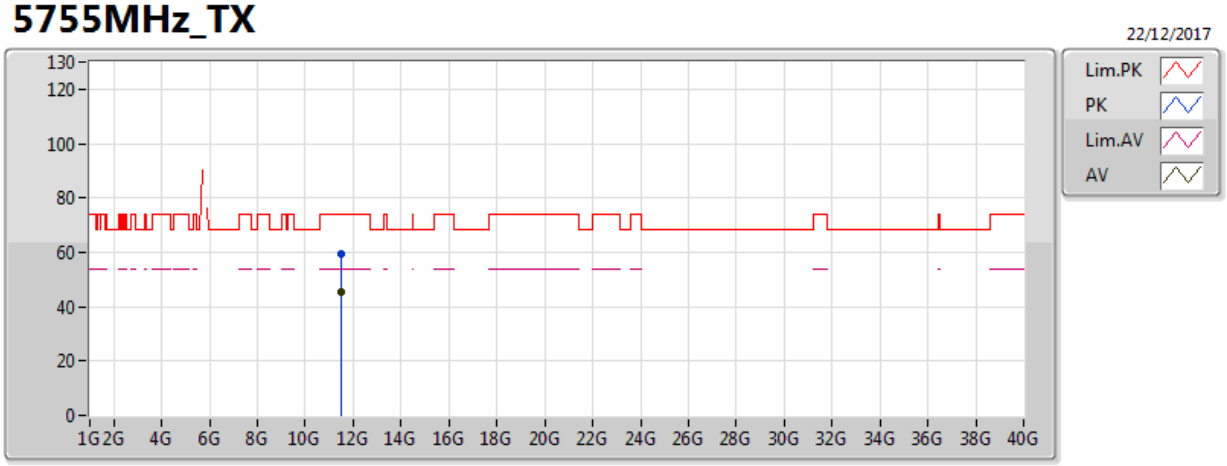


20171222
EUT Z_4 TX_Dipole
Setting 104
06-L-3
FSP(100080)
rtax880Ur220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.5088G	46.63	54.00	-7.37	18.01	3	Vertical	168	2.95
PK	11.51822G	59.94	74.00	-14.06	18.01	3	Vertical	168	2.95

HE40_Nss1,(MCS0)_4TX

5755MHz_TX

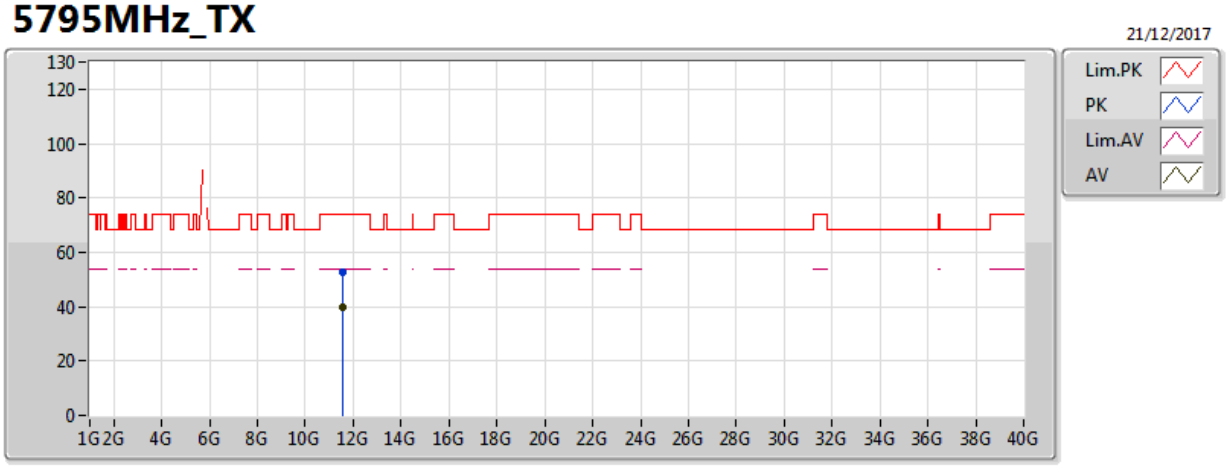


20171222
EUT Z_4 TX_Dipole
Setting 104
06-L-3
FSP(100080)
rtax880Ur220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.51072G	45.36	54.00	-8.64	18.01	3	Horizontal	99	2.99
PK	11.52308G	59.64	74.00	-14.36	18.01	3	Horizontal	99	2.99

HE40_Nss1,(MCS0)_4TX

5795MHz_TX

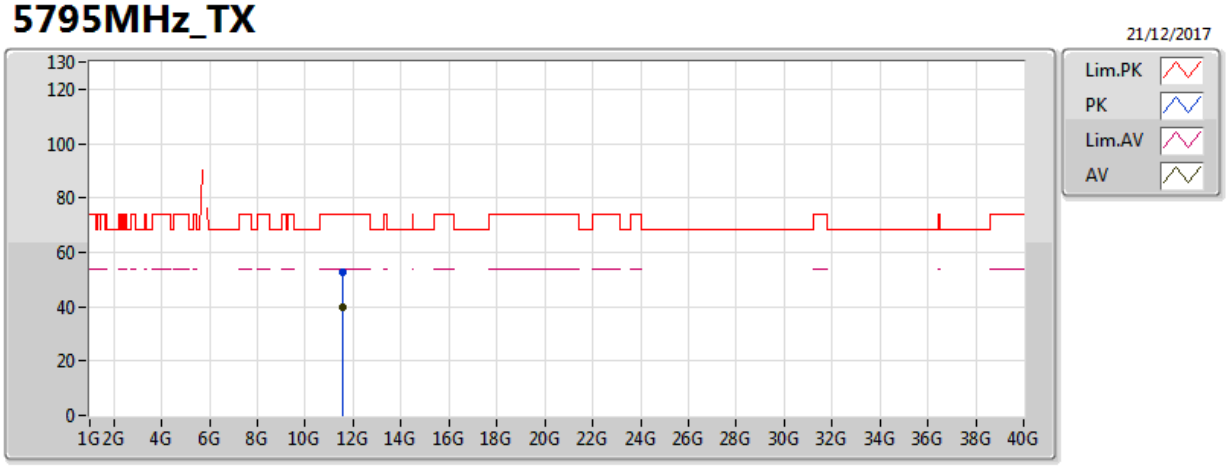


20171221
EUT Z_4 TX_Dipole
Setting 104
04-C-4
FSP(100304)
rtax880Ur220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.59108G	39.96	54.00	-14.04	13.34	3	Vertical	232	1.50	-
PK	11.59034G	52.80	74.00	-21.20	13.34	3	Vertical	232	1.50	-

HE40_Nss1,(MCS0)_4TX

5795MHz_TX

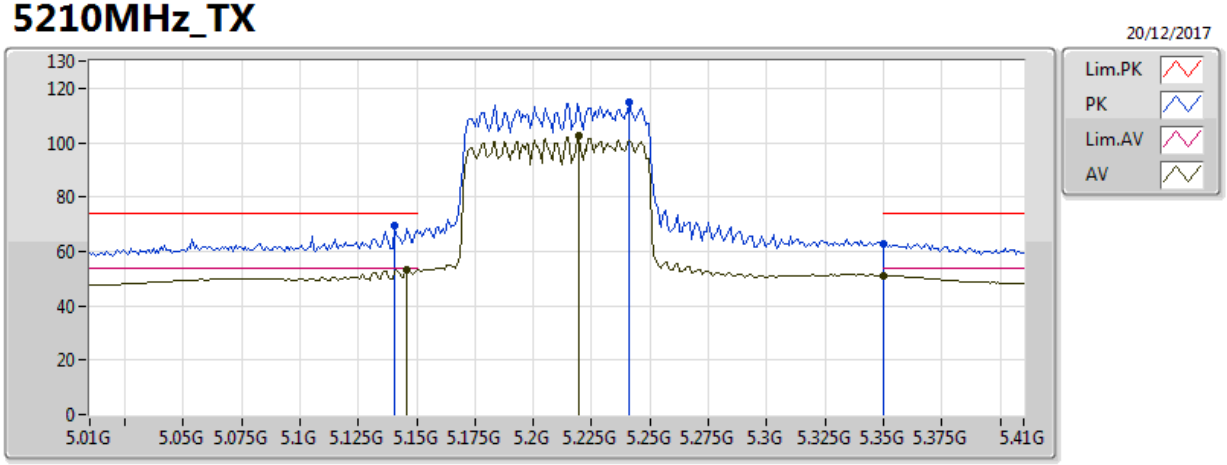


20171221
EUT Z_4 TX_Dipole
Setting 104
04-C-4
FSP(100304)
rtax880Ur220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.59186G	39.87	54.00	-14.13	13.34	3	Horizontal	105	2.56	-
PK	11.59216G	52.79	74.00	-21.21	13.34	3	Horizontal	105	2.56	-

HE80_Nss1,(MCS0)_4TX

5210MHz_TX

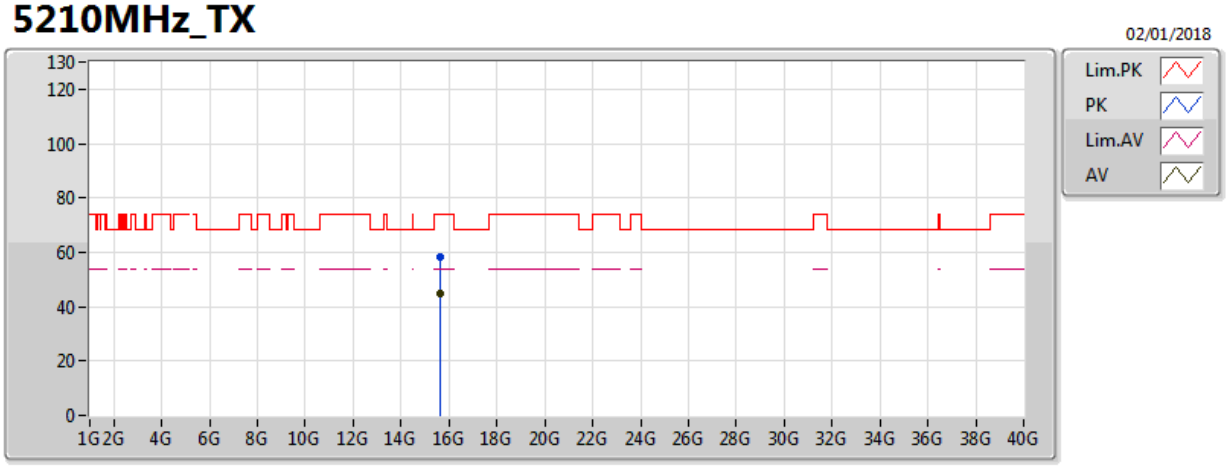


20171218
EUT Z_4 TX_Dipole
Setting 74
06-L-3-10
FSP(100080)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.146G	53.50	54.00	-0.50	7.42	3	Vertical	314	1.88	-
AV	5.2196G	102.31	Inf	-Inf	7.54	3	Vertical	314	1.88	-
AV	5.350005G	51.10	54.00	-2.90	7.73	3	Vertical	314	1.88	-
PK	5.1404G	69.26	74.00	-4.74	7.41	3	Vertical	314	1.88	-
PK	5.2412G	114.67	Inf	-Inf	7.57	3	Vertical	314	1.88	-
PK	5.350005G	63.00	74.00	-11.00	7.73	3	Vertical	314	1.88	-

HE80_Nss1,(MCS0)_4TX

5210MHz_TX

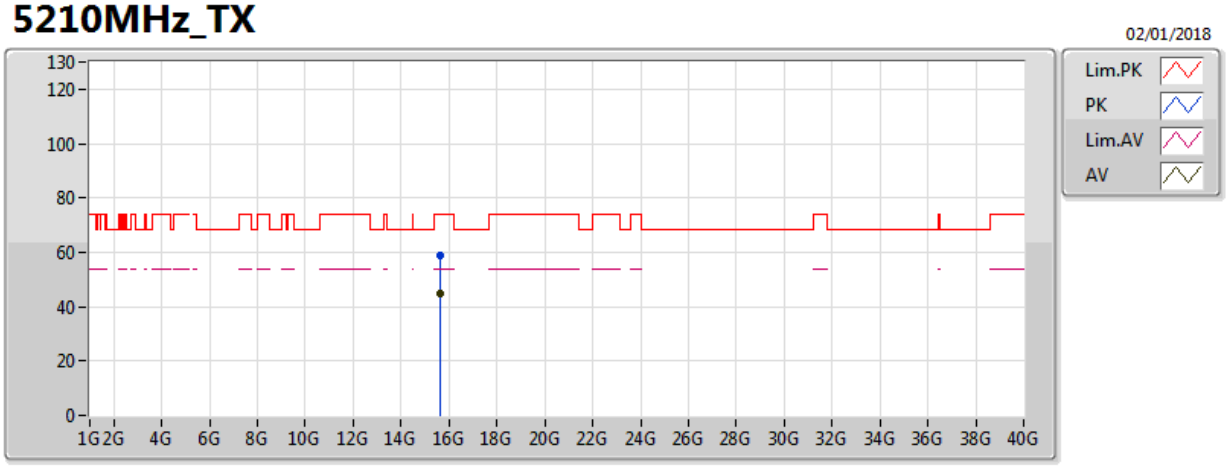


20180102
EUT Z_4 TX_Dipole
Setting 74
04-C-4
FSP(100142)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.62962G	44.96	54.00	-9.04	15.13	3	Vertical	192	1.76
PK	15.6296G	58.48	74.00	-15.52	15.13	3	Vertical	192	1.76

HE80_Nss1,(MCS0)_4TX

5210MHz_TX

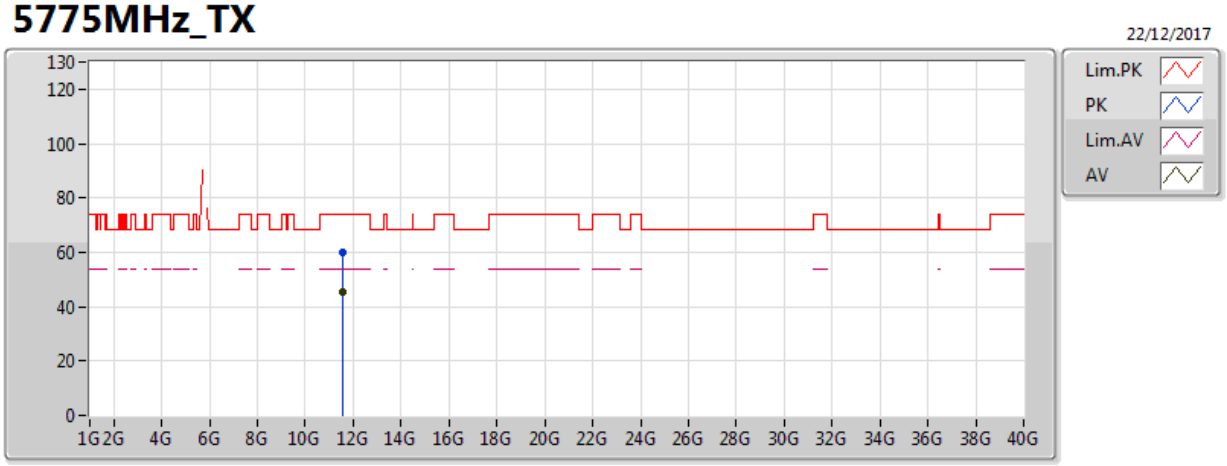


20180102
EUT Z_4 TX_Dipole
Setting 74
04-C-4
FSP(100142)
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.62914G	44.97	54.00	-9.03	15.13	3	Horizontal	3	1.50
PK	15.63114G	58.95	74.00	-15.05	15.12	3	Horizontal	3	1.50

HE80_Nss1,(MCS0)_4TX

5775MHz_TX

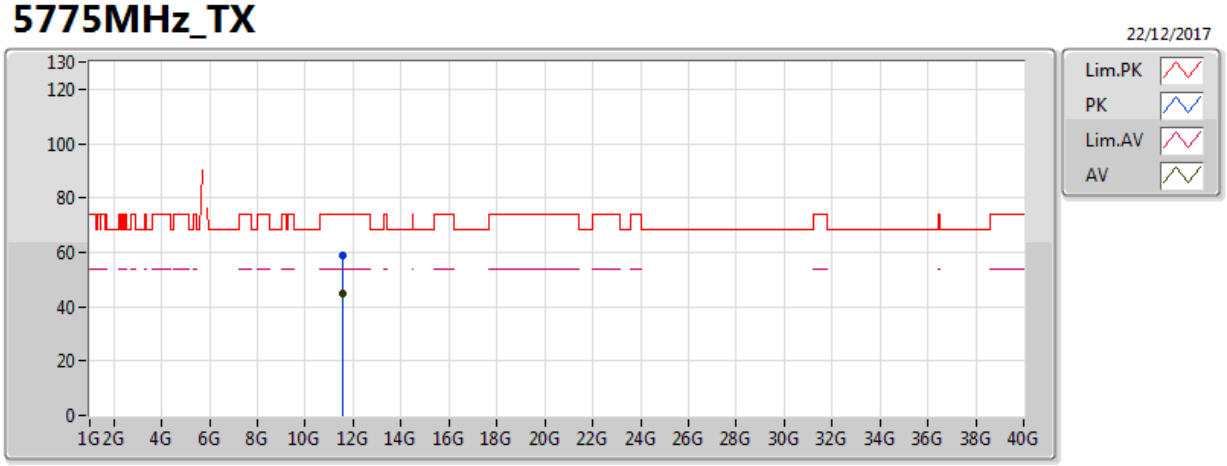


20171222
EUT Z_4 TX_Dipole
Setting 104
06-L-3
FSP(100080)
rtax880Ur220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.5455G	45.42	54.00	-8.58	18.00	3	Vertical	297	2.95
PK	11.53602G	59.94	74.00	-14.06	18.01	3	Vertical	297	2.95

HE80_Nss1,(MCS0)_4TX

5775MHz_TX

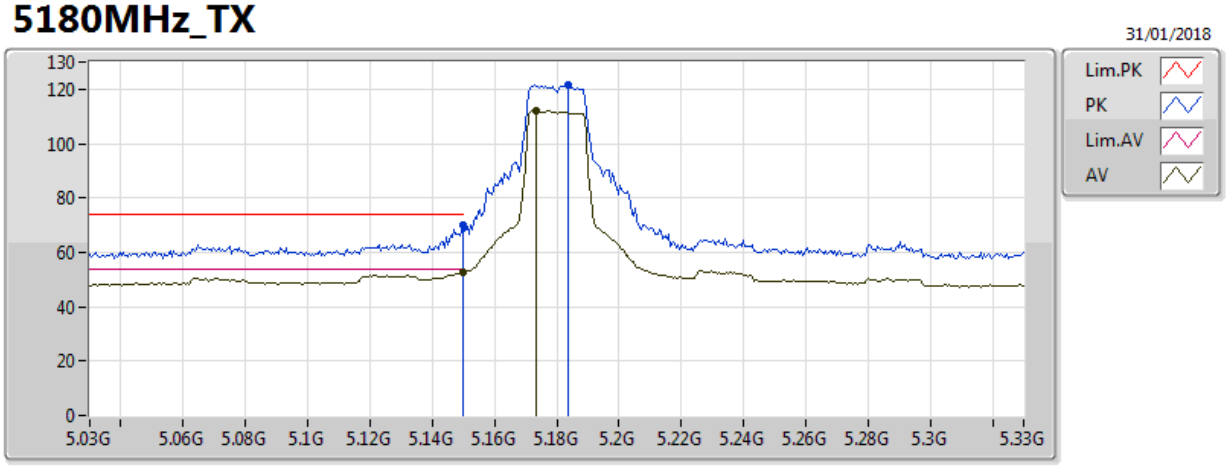


20171222
EUT Z_4 TX_Dipole
Setting 104
06-L-3
FSP(100080)
rtax880Ur220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.54844G	44.81	54.00	-9.19	18.00	3	Horizontal	205	2.60
PK	11.55408G	58.67	74.00	-15.33	18.00	3	Horizontal	205	2.60

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5180MHz_TX

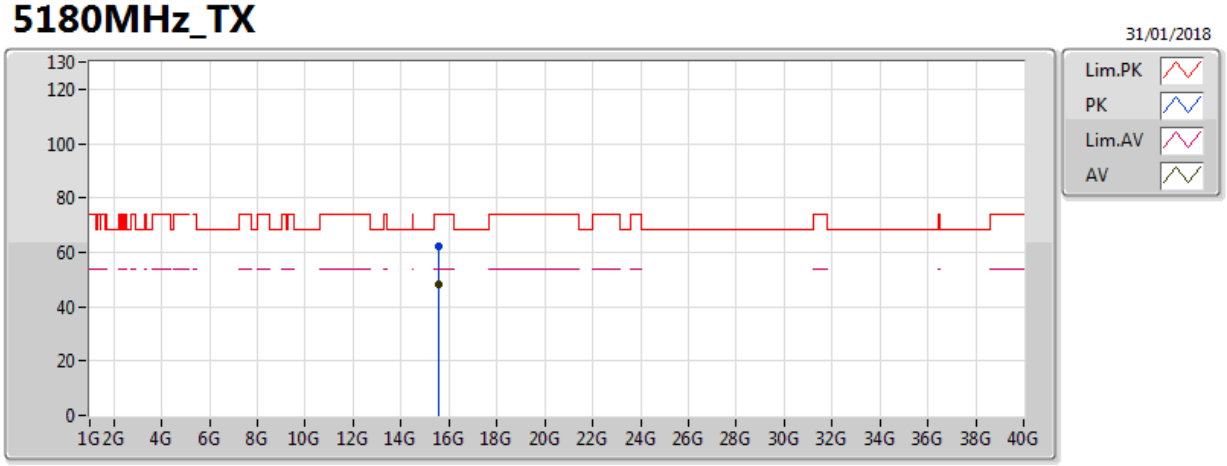


20180131
EUT Z_4 TX_Dipole
Setting 83 (升1OVER)
06-L-3-10
FSP(100080)
RT-AX88U R220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.149995G	52.72	54.00	-1.28	7.43	3	Vertical	273	1.47
AV	5.1734G	112.09	Inf	-Inf	7.47	3	Vertical	273	1.47
PK	5.149995G	70.08	74.00	-3.92	7.43	3	Vertical	273	1.47
PK	5.1836G	121.86	Inf	-Inf	7.48	3	Vertical	273	1.47

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5180MHz_TX

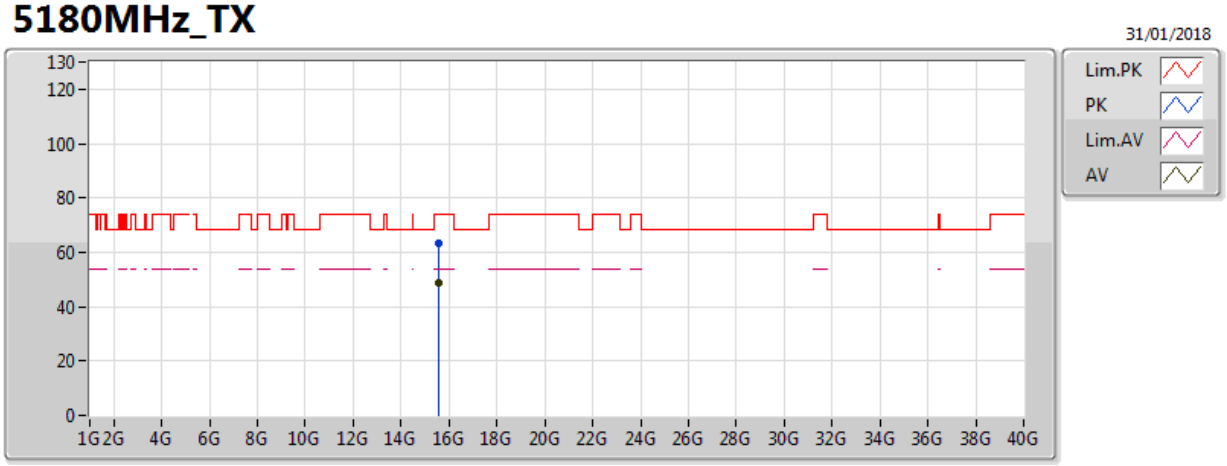


20180131
EUT Z_4 TX_Dipole
Setting 83
06-L-3
FSP(100080)
RT-AX88U R220#9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.55176G	47.93	54.00	-6.07	18.60	3	Vertical	278	2.10
PK	15.54456G	62.32	74.00	-11.68	18.62	3	Vertical	278	2.10

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5180MHz_TX

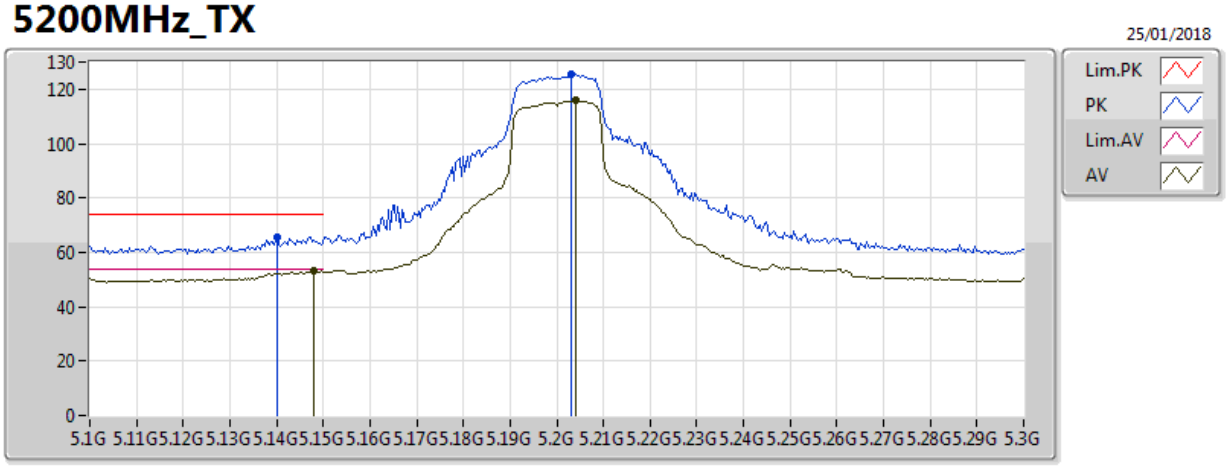


20180131
EUT Z_4 TX_Dipole
Setting 83
06-L-3
FSP(100080)
RT-AX88U R220#9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	15.53964G	63.05	74.00	-10.95	18.64	3	Horizontal	176	1.50
AV	15.55494G	48.65	54.00	-5.35	18.59	3	Horizontal	278	2.10

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5200MHz_TX

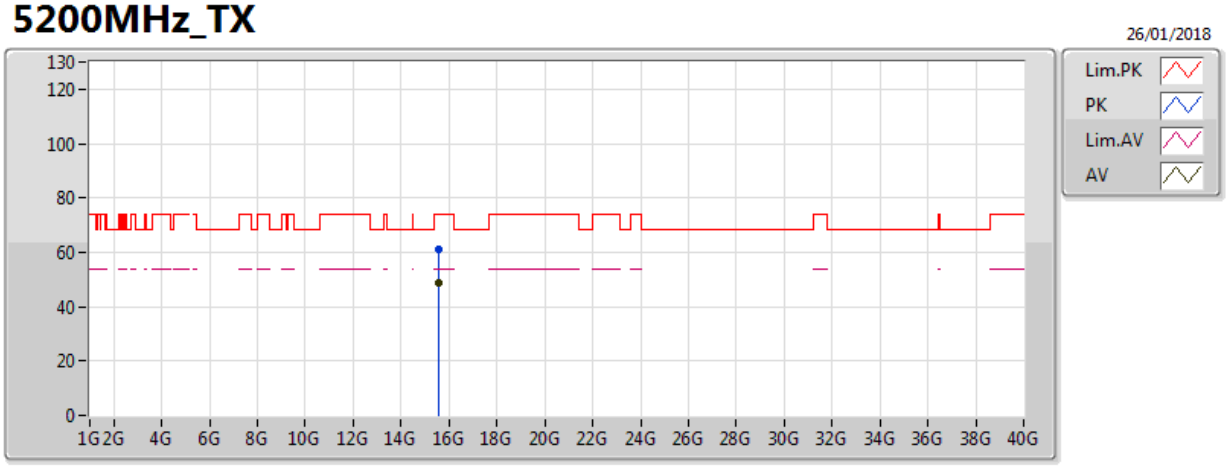


20180124
EUT Z_4 TX_Dipole
Setting 92
06-L-3-10
FSP(100080)
RT-AX88U R220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.148G	53.08	54.00	-0.92	7.43	3	Vertical	95	2.01
AV	5.204G	116.12	Inf	-Inf	7.52	3	Vertical	95	2.01
PK	5.14G	65.44	74.00	-8.56	7.41	3	Vertical	95	2.01
PK	5.2032G	125.64	Inf	-Inf	7.51	3	Vertical	95	2.01

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5200MHz_TX

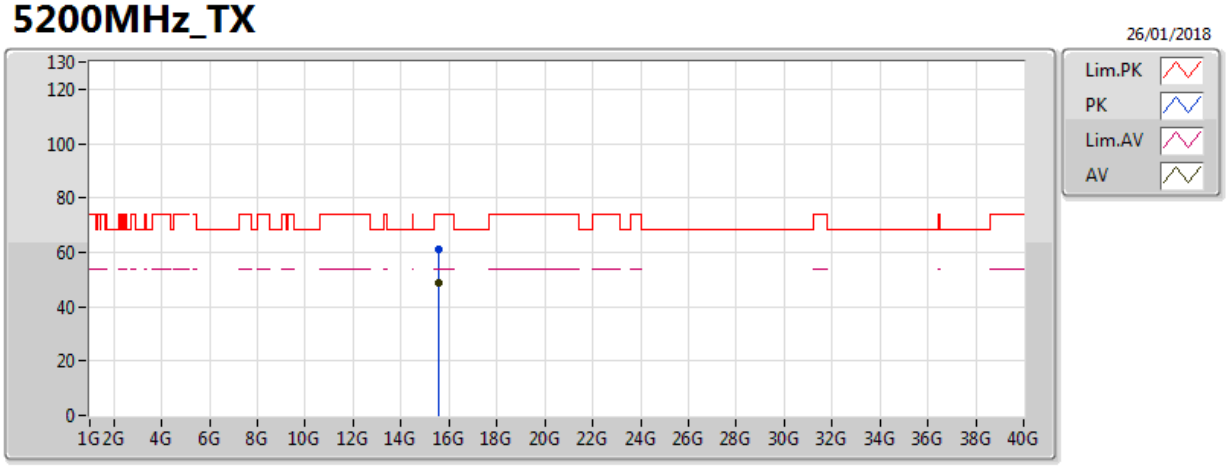


20180126
EUT Z_4 TX_Dipole
Setting 92
06-L-3
FSP(100304)
RT-AX88U R220#9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.59046G	48.48	54.00	-5.52	18.47	3	Vertical	0	1.50
PK	15.5874G	61.09	74.00	-12.91	18.48	3	Vertical	0	1.50

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5200MHz_TX

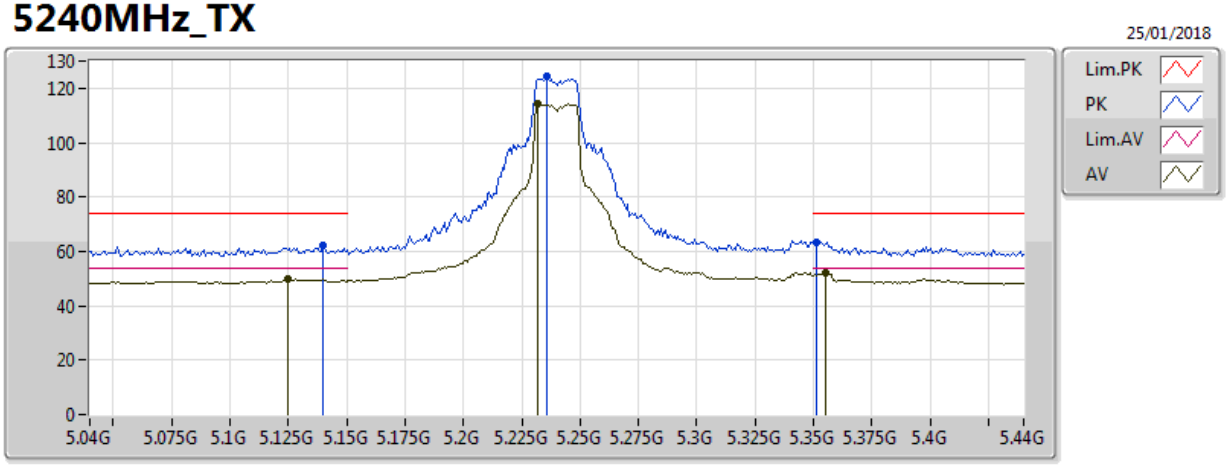


20180126
EUT Z_4 TX_Dipole
Setting 92
06-L-3
FSP(100304)
RT-AX88U R220#9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.5904G	48.52	54.00	-5.48	18.47	3	Horizontal	240	1.50
PK	15.59574G	61.32	74.00	-12.68	18.46	3	Horizontal	240	1.50

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5240MHz_TX

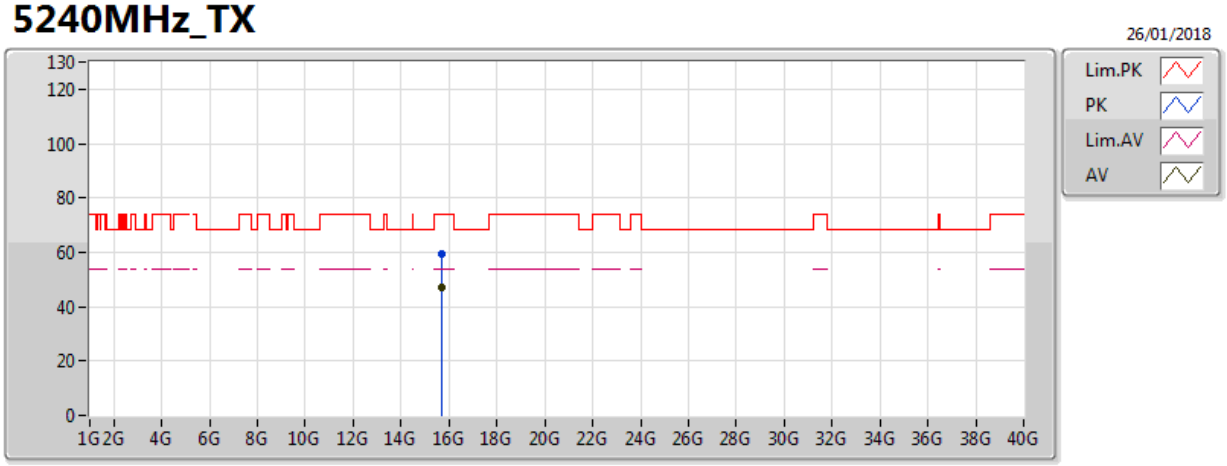


20180124
EUT Z_4 TX_Dipole
Setting 96
06-L-3-10
FSP(100080)
RT-AX88U R220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.1248G	49.89	54.00	-4.11	7.39	3	Vertical	105	1.87
AV	5.232G	114.43	Inf	-Inf	7.56	3	Vertical	105	1.87
AV	5.3552G	52.37	54.00	-1.63	7.74	3	Vertical	105	1.87
PK	5.14G	62.01	74.00	-11.99	7.41	3	Vertical	105	1.87
PK	5.236G	124.59	Inf	-Inf	7.56	3	Vertical	105	1.87
PK	5.3512G	63.40	74.00	-10.60	7.73	3	Vertical	105	1.87

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5240MHz_TX

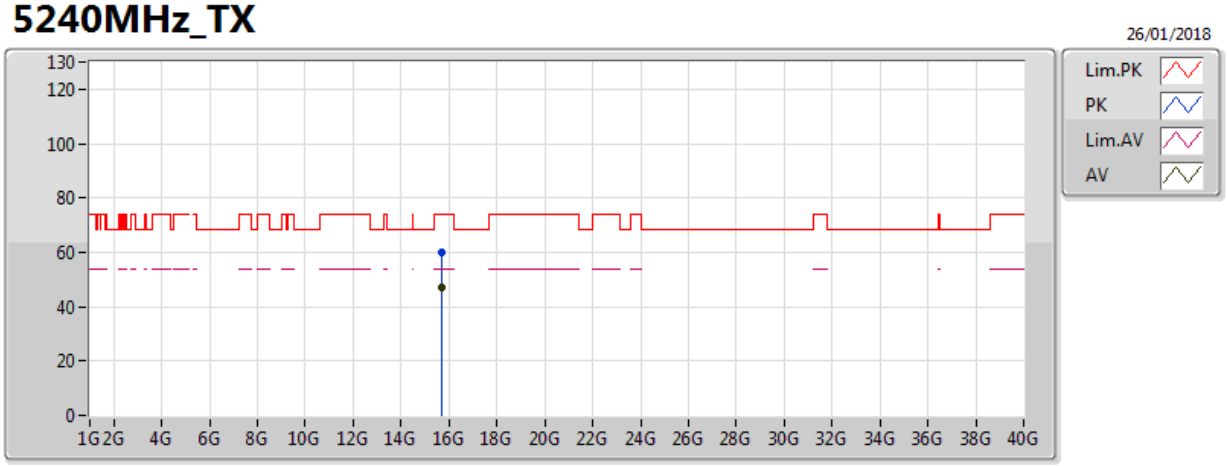


20180126
EUT Z_4 TX_Dipole
Setting 96
06-L-3
FSP(100304)
RT-AX88U R220#9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.71424G	47.20	54.00	-6.80	18.08	3	Vertical	243	1.50
PK	15.7235G	59.65	74.00	-14.35	15.63	3	Vertical	243	1.50

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5240MHz_TX

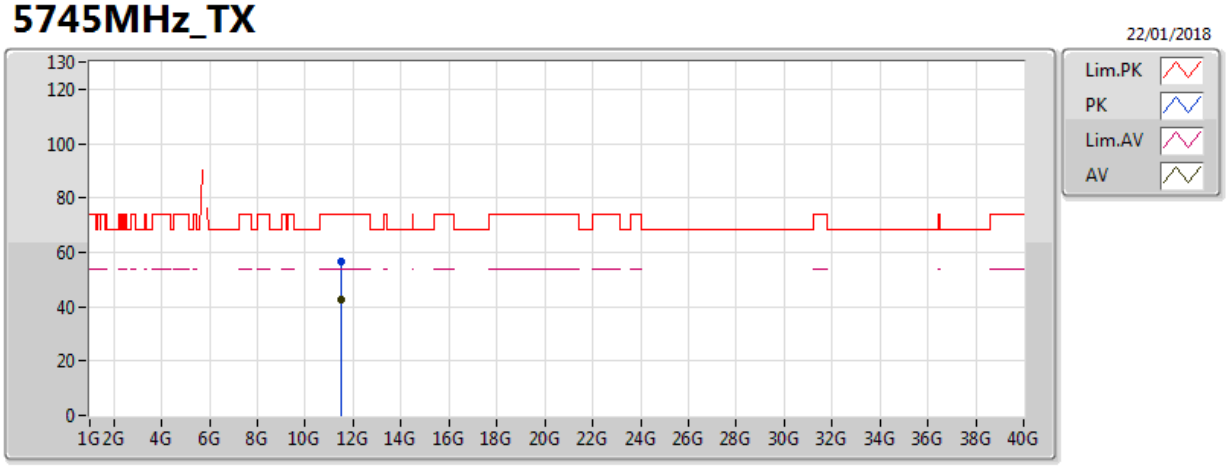


20180126
EUT Z_4 TX_Dipole
Setting 96
06-L-3
FSP(100304)
RT-AX88U R220#9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.71406G	47.12	54.00	-6.88	18.08	3	Horizontal	357	1.24
PK	15.7083G	60.12	74.00	-13.88	18.09	3	Horizontal	357	1.24

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5745MHz_TX

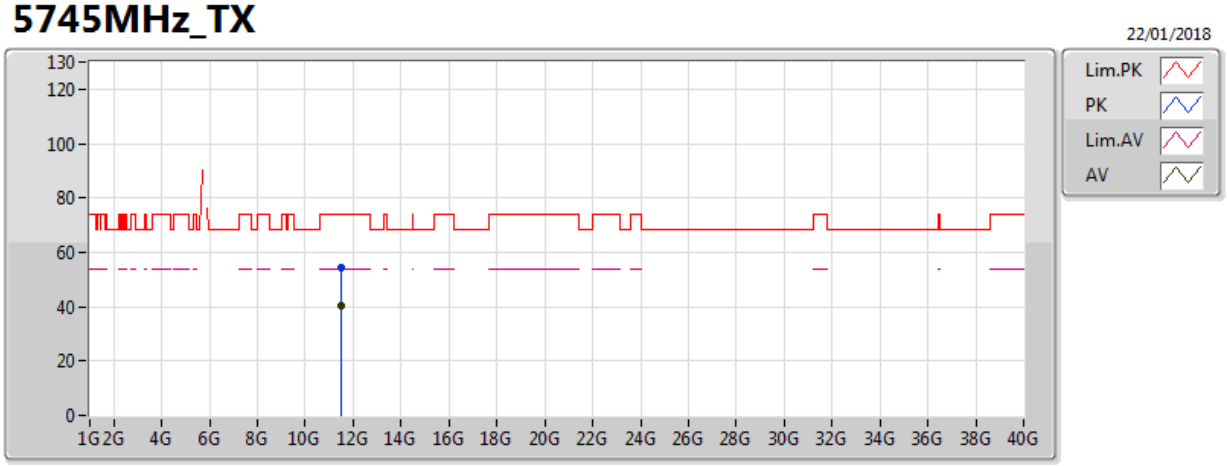


20180122
EUT Z_4 TX_Dipole
Setting 84
01-J-1
FSP
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.49632G	42.81	54.00	-11.19	13.18	3	Vertical	42	1.20
PK	11.4972G	56.74	74.00	-17.26	13.18	3	Vertical	42	1.20

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5745MHz_TX

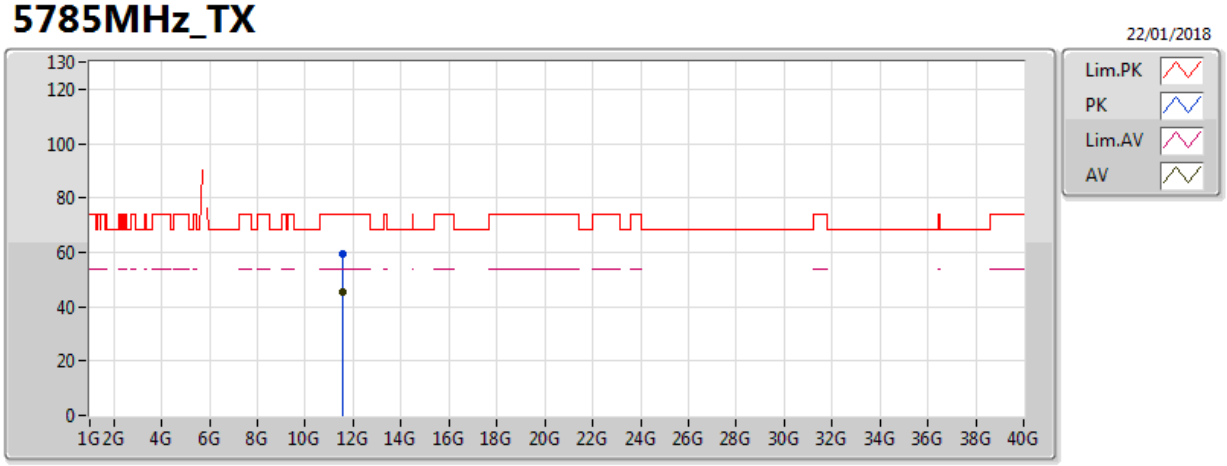


20180122
EUT Z_4 TX_Dipole
Setting 84
01-J-1
FSP
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.4986G	40.08	54.00	-13.92	13.18	3	Horizontal	176	2.25
PK	11.48452G	54.23	74.00	-19.77	13.18	3	Horizontal	176	2.25

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5785MHz_TX

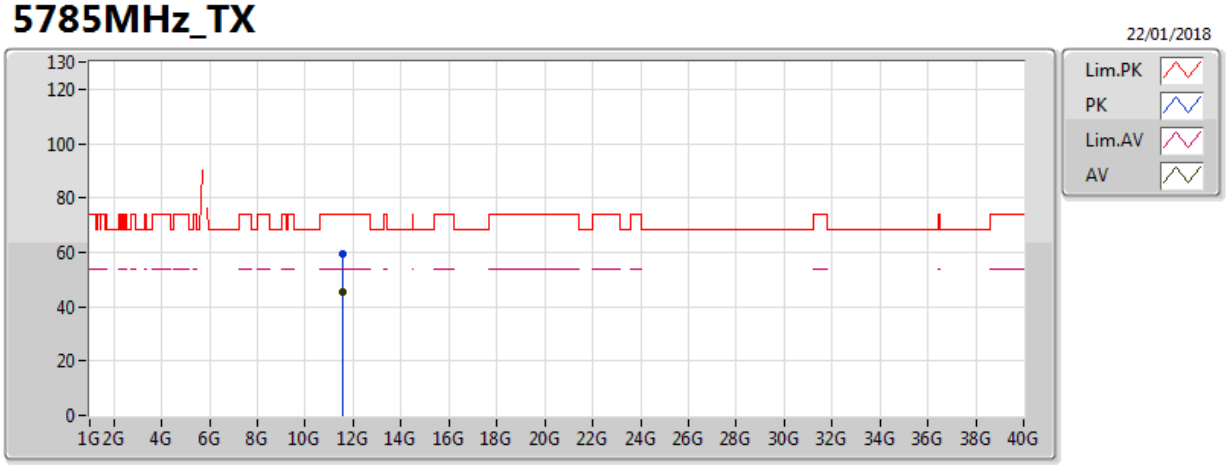


20180122
EUT Z_4 TX_Dipole
Setting 84
01-J-1
FSP
rtax8

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.56678G	45.40	54.00	-8.60	18.00	3	Vertical	139	1.43
PK	11.57106G	59.48	74.00	-14.52	18.00	3	Vertical	139	1.43

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5785MHz_TX

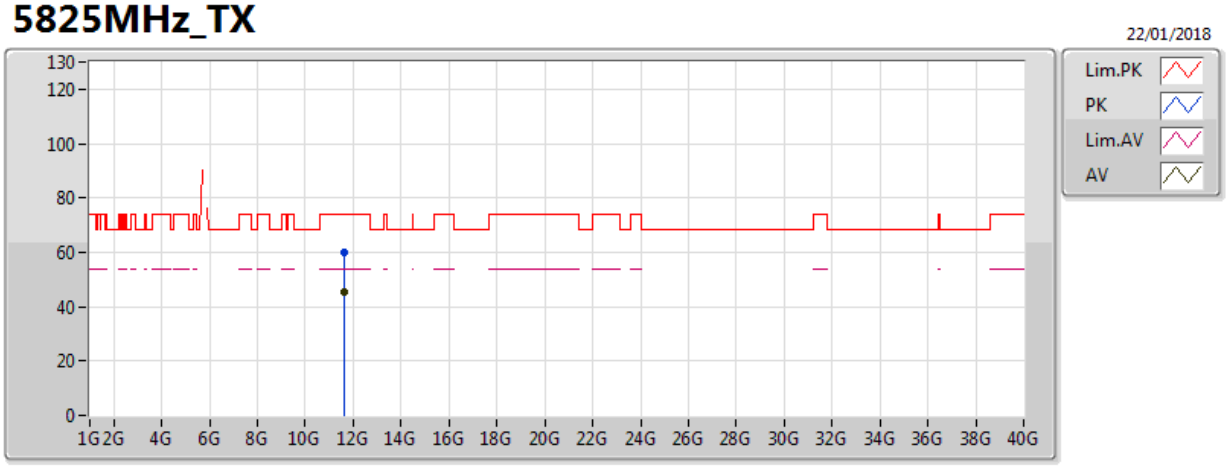


20180122
EUT Z_4 TX_Dipole
Setting 84
01-J-1
FSP
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.56718G	45.37	54.00	-8.63	18.00	3	Horizontal	297	1.50
PK	11.56546G	59.44	74.00	-14.56	18.00	3	Horizontal	297	1.50

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5825MHz_TX

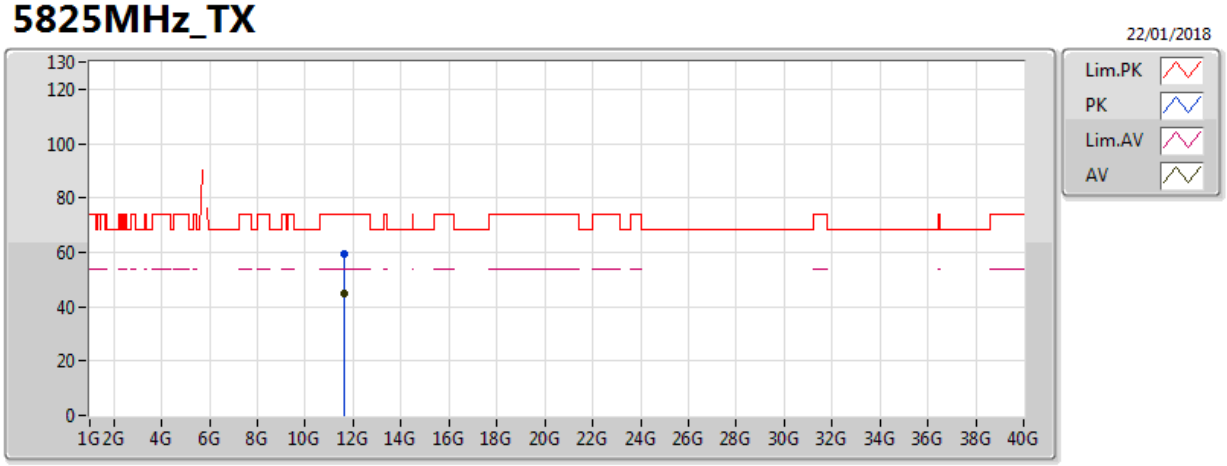


20180122
EUT Z_4 TX_Dipole
Setting 84
01-J-1
FSP
rtax8

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.65394G	45.43	54.00	-8.57	17.99	3	Vertical	177	2.24
PK	11.64566G	60.05	74.00	-13.95	17.99	3	Vertical	177	2.24

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5825MHz_TX

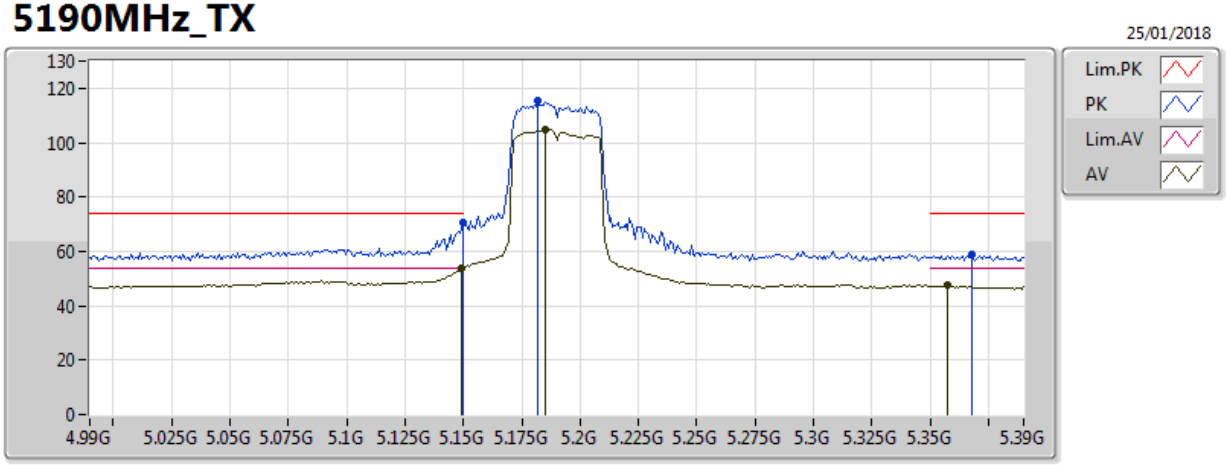


20180122
EUT Z_4 TX_Dipole
Setting 84
01-J-1
FSP
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.6514G	44.92	54.00	-9.08	17.99	3	Horizontal	246	1.57
PK	11.64542G	59.32	74.00	-14.68	17.99	3	Horizontal	246	1.57

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5190MHz_TX

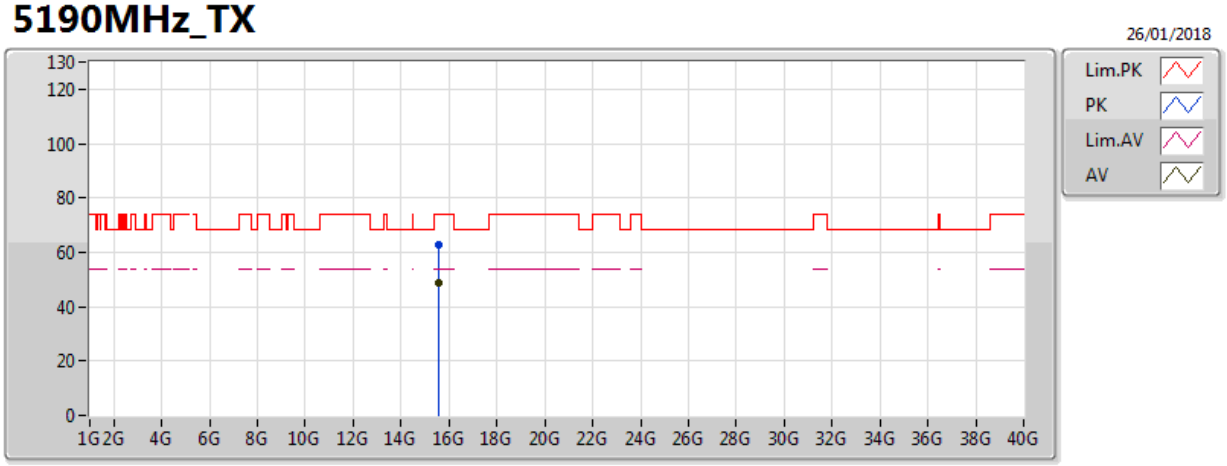


20180124
EUT Z_4 TX_Dipole
Setting 70
06-L-3-10
FSP(100080)
RT-AX88U R220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.1492G	53.55	54.00	-0.45	7.43	3	Vertical	254	1.50
AV	5.1852G	104.86	Inf	-Inf	7.49	3	Vertical	254	1.50
AV	5.3572G	47.39	54.00	-6.61	7.74	3	Vertical	254	1.50
PK	5.149995G	70.53	74.00	-3.47	7.43	3	Vertical	254	1.50
PK	5.182G	115.55	Inf	-Inf	7.48	3	Vertical	254	1.50
PK	5.3676G	58.73	74.00	-15.27	7.75	3	Vertical	254	1.50

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5190MHz_TX

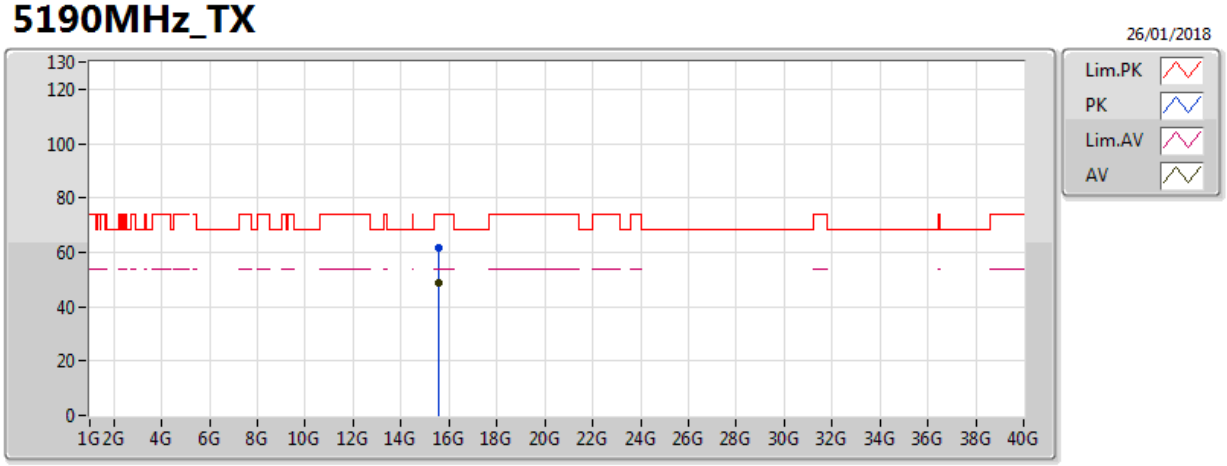


20180126
EUT Z_4 TX_Dipole
Setting 70
06-L-3
FSP(100304)
RT-AX88U R220#9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.55512G	48.98	54.00	-5.02	18.59	3	Vertical	62	1.50
PK	15.57126G	62.51	74.00	-11.49	18.53	3	Vertical	62	1.50

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5190MHz_TX

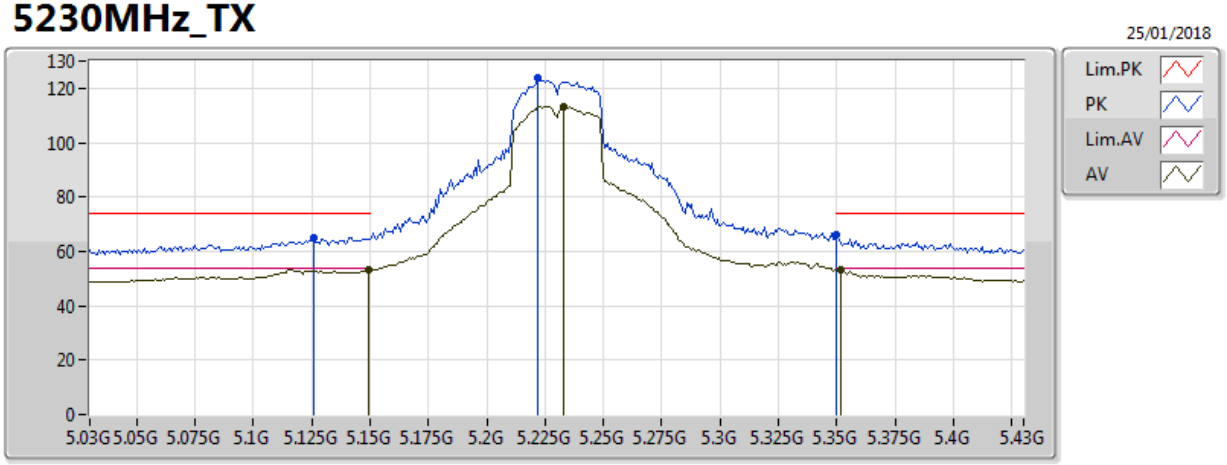


20180126
EUT Z_4 TX_Dipole
Setting 70
06-L-3
FSP(100304)
RT-AX88U R220#9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.555G	48.72	54.00	-5.28	18.59	3	Horizontal	56	1.50
PK	15.57342G	61.69	74.00	-12.31	18.53	3	Horizontal	56	1.50

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5230MHz_TX

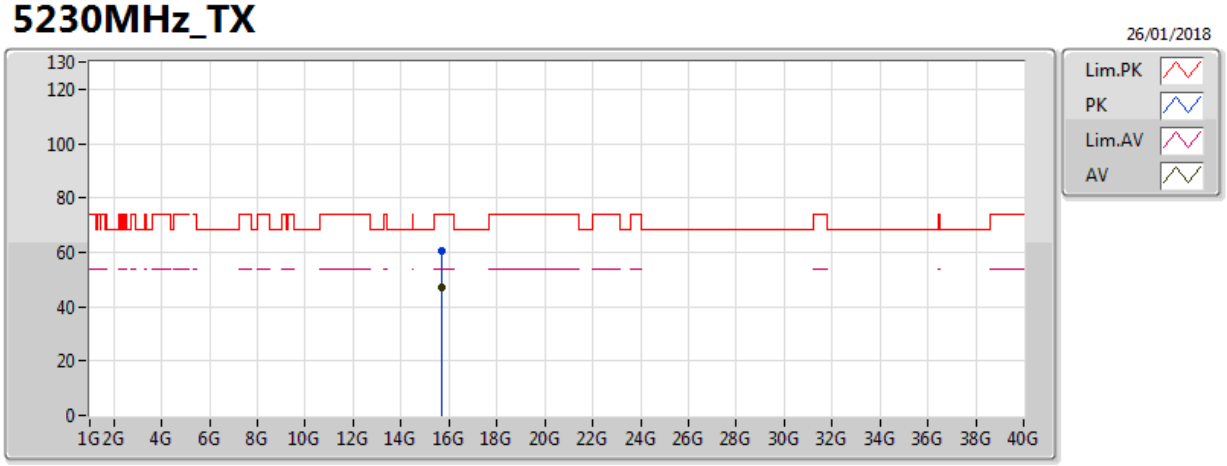


20180124
EUT Z_4 TX_Dipole
Setting 92
06-L-3-10
FSP(100080)
RT-AX88U R220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.1492G	53.21	54.00	-0.79	7.43	3	Vertical	314	2.38
AV	5.2332G	113.14	Inf	-Inf	7.56	3	Vertical	314	2.38
AV	5.3516G	53.04	54.00	-0.96	7.73	3	Vertical	314	2.38
PK	5.126G	65.09	74.00	-8.91	7.39	3	Vertical	314	2.38
PK	5.222G	123.88	Inf	-Inf	7.54	3	Vertical	314	2.38
PK	5.350005G	66.15	74.00	-7.85	7.73	3	Vertical	314	2.38

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5230MHz_TX

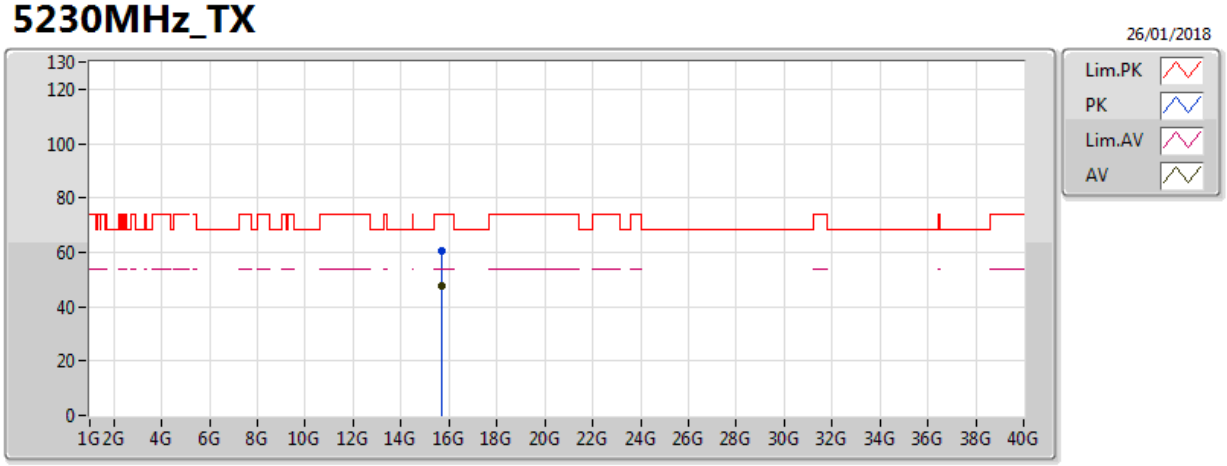


20180126
EUT Z_4 TX_Dipole
Setting 92
06-L-3
FSP(100304)
RT-AX88U R220#9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.68452G	47.23	54.00	-6.77	18.17	3	Vertical	276	1.50
PK	15.68128G	60.49	74.00	-13.51	18.18	3	Vertical	276	1.50

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5230MHz_TX

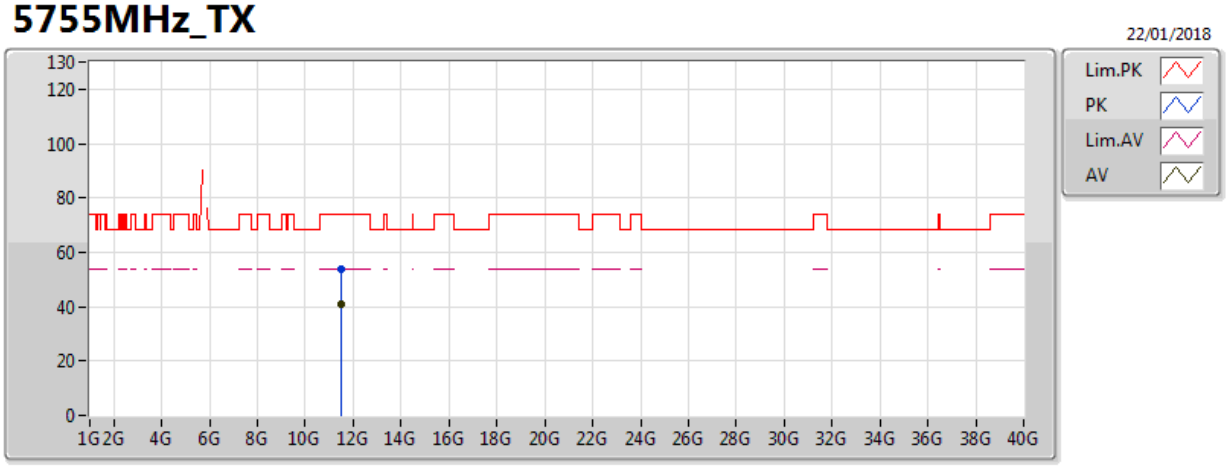


20180126
EUT Z_4 TX_Dipole
Setting 92
06-L-3
FSP(100304)
RT-AX88U R220#9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.68904G	47.45	54.00	-6.55	18.16	3	Horizontal	8	1.50
PK	15.68908G	60.34	74.00	-13.66	18.16	3	Horizontal	8	1.50

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5755MHz_TX

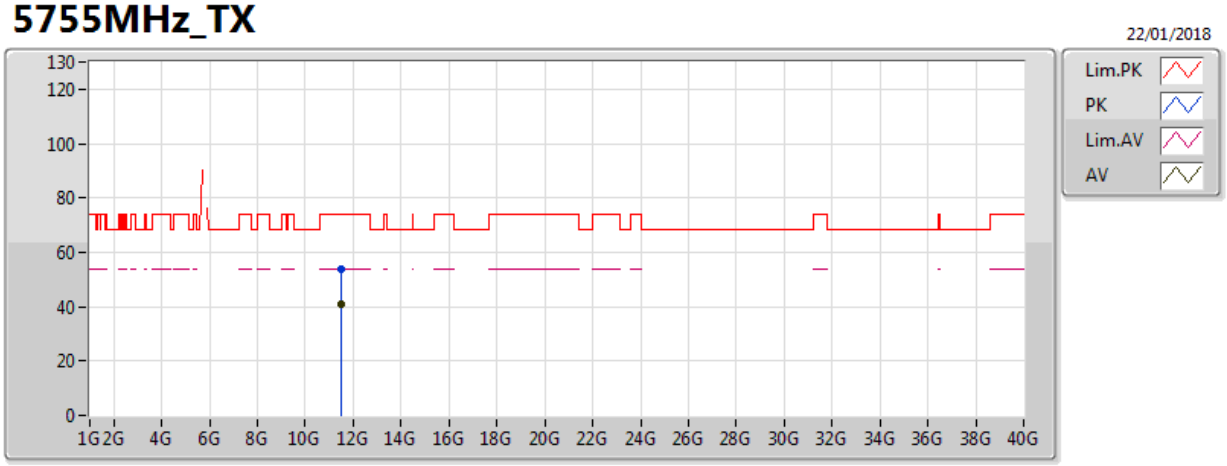


20180122
EUT Z_4 TX_Dipole
Setting 83
01-J-1
FSP
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.50196G	40.76	54.00	-13.24	13.18	3	Vertical	44	2.83
PK	11.51464G	53.72	74.00	-20.28	13.18	3	Vertical	44	2.83

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5755MHz_TX

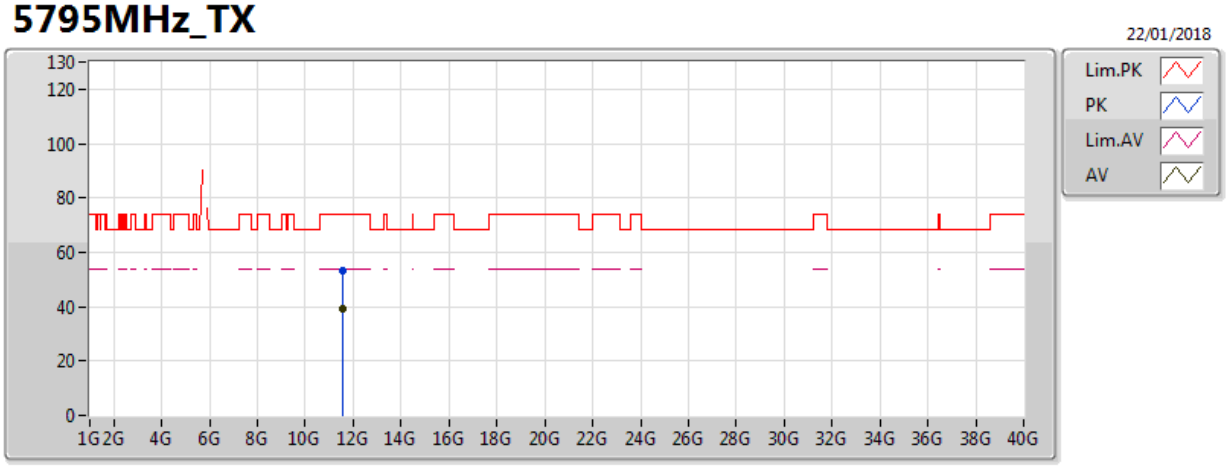


20180122
EUT Z_4 TX_Dipole
Setting 83
01-J-1
FSP
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.5072G	40.94	54.00	-13.06	13.18	3	Horizontal	319	1.50
PK	11.5038G	53.89	74.00	-20.11	13.18	3	Horizontal	319	1.50

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5795MHz_TX

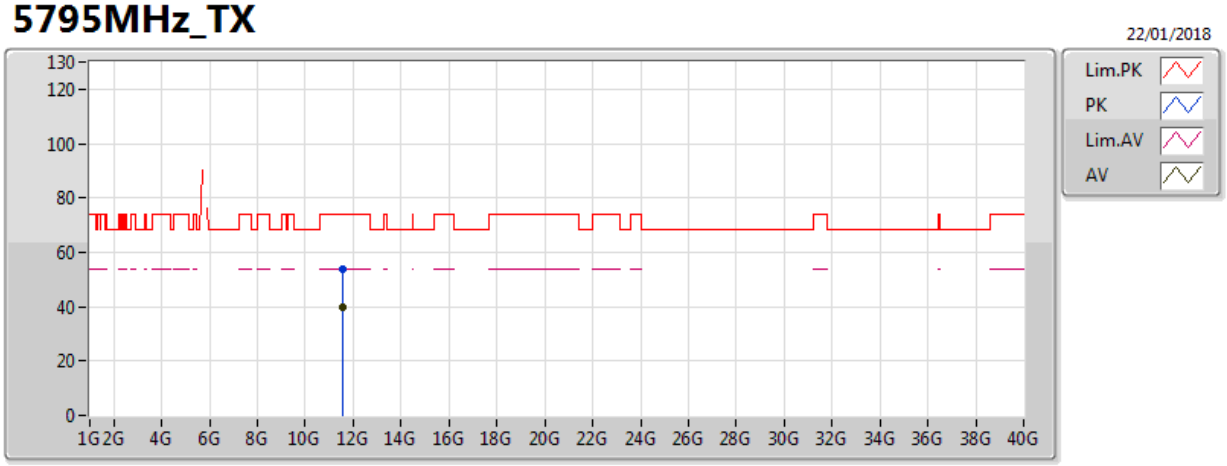


20180122
EUT Z_4 TX_Dipole
Setting 83
01-J-1
FSP
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.58328G	39.22	54.00	-14.78	13.18	3	Vertical	82	1.50
PK	11.58916G	53.37	74.00	-20.63	13.18	3	Vertical	82	1.50

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5795MHz_TX

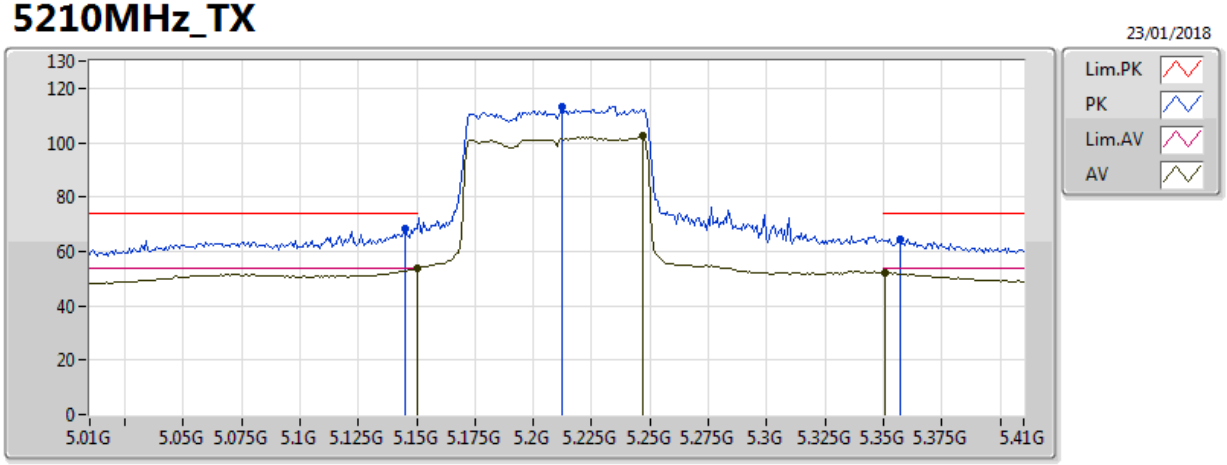


20180122
EUT Z_4 TX_Dipole
Setting 83
01-J-1
FSP
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.58312G	39.80	54.00	-14.20	13.18	3	Horizontal	45	1.59
PK	11.58868G	53.99	74.00	-20.01	13.18	3	Horizontal	45	1.59

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5210MHz_TX

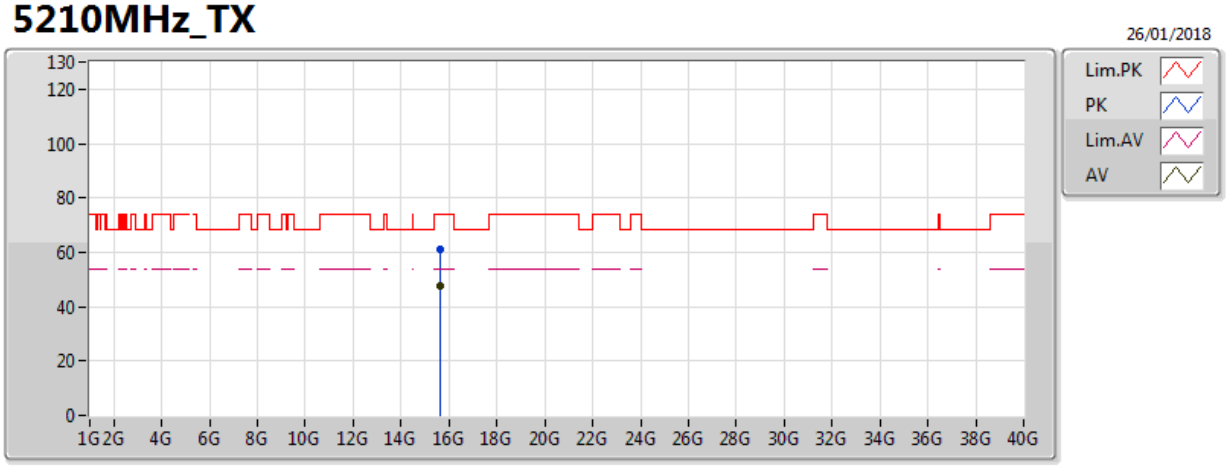


20180123
EUT Z_4 TX_Dipole
Setting 76
06-L-3-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.149995G	53.88	54.00	-0.12	7.43	3	Vertical	223	2.62
AV	5.2468G	102.33	Inf	-Inf	7.58	3	Vertical	223	2.62
AV	5.3508G	52.35	54.00	-1.65	7.73	3	Vertical	223	2.62
PK	5.1452G	68.16	74.00	-5.84	7.42	3	Vertical	223	2.62
PK	5.2124G	113.25	Inf	-Inf	7.53	3	Vertical	223	2.62
PK	5.3572G	64.61	74.00	-9.39	7.74	3	Vertical	223	2.62

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5210MHz_TX

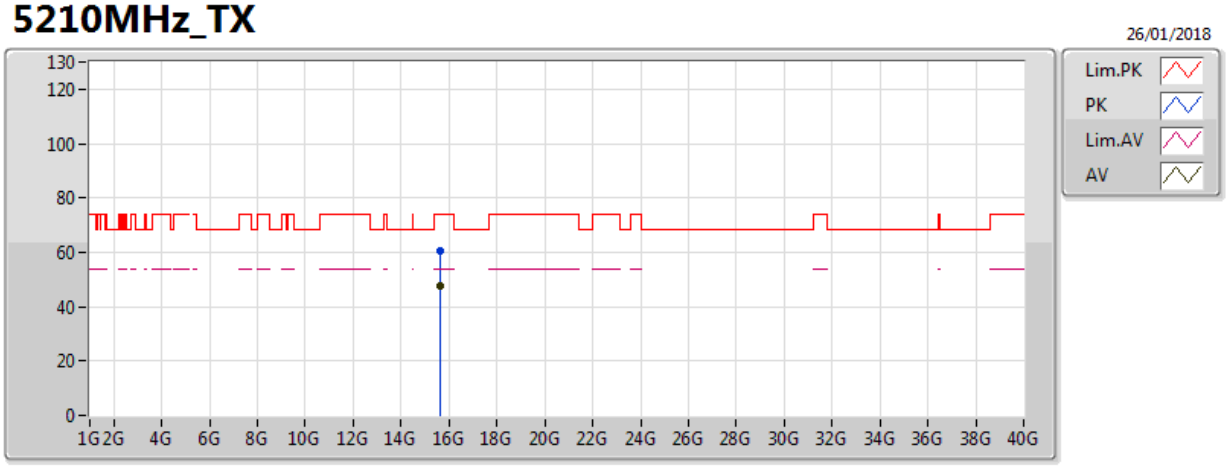


20180126
EUT Z_4 TX_Dipole
Setting 76
06-L-3
FSP(100080)
RT-AX88U R220#9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.62352G	47.35	54.00	-6.65	18.37	3	Vertical	218	2.95
PK	15.63864G	60.94	74.00	-13.06	18.32	3	Vertical	218	2.95

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5210MHz_TX

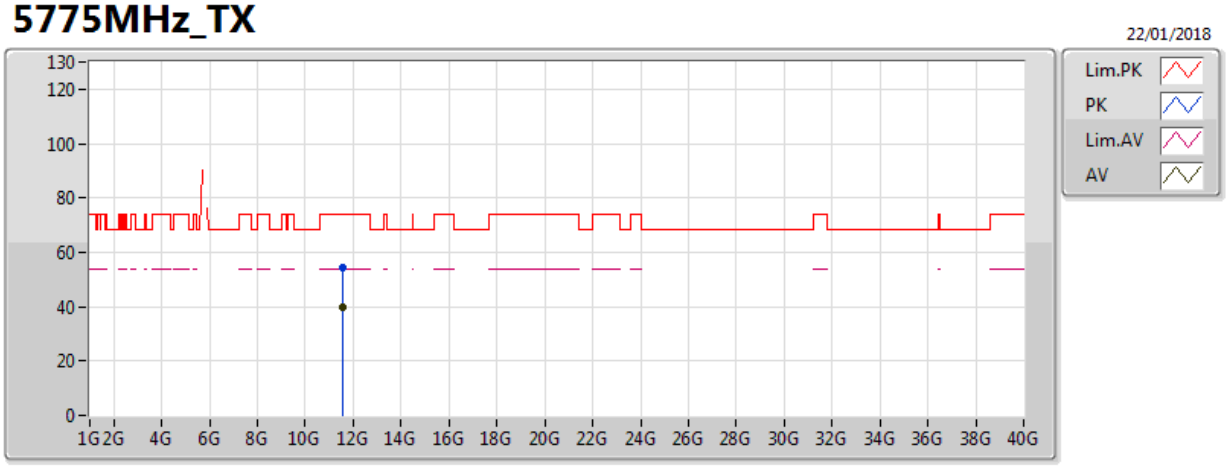


20180126
EUT Z_4 TX_Dipole
Setting 76
06-L-3
FSP(100080)
RT-AX88U R220#9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.62088G	47.41	54.00	-6.59	18.38	3	Horizontal	331	1.50
PK	15.62692G	60.70	74.00	-13.30	18.36	3	Horizontal	331	1.50

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5775MHz_TX

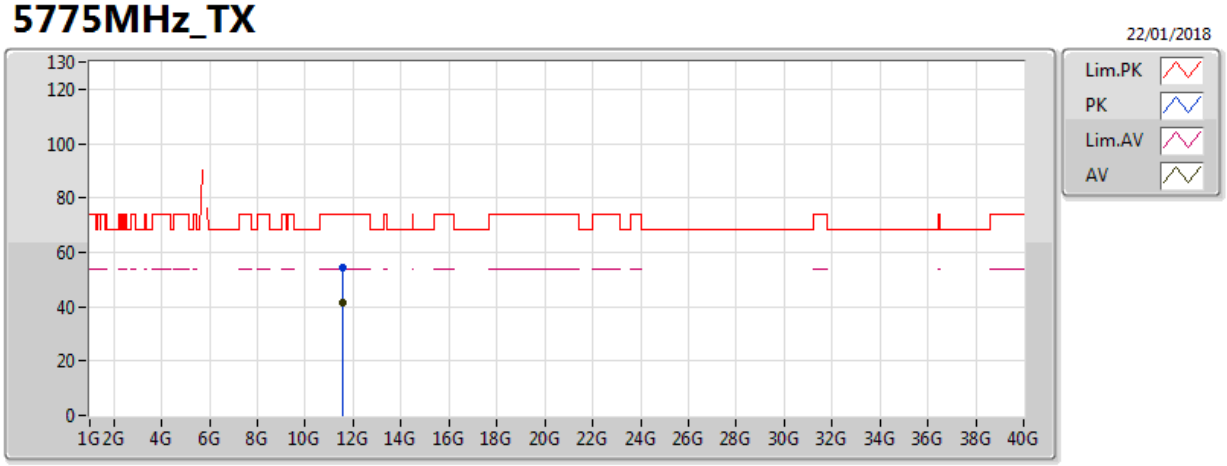


20180122
EUT Z_4 TX_Dipole
Setting 83
01-J-1
FSP
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.54946G	39.90	54.00	-14.10	13.18	3	Vertical	256	1.17
PK	11.54382G	54.43	74.00	-19.57	13.18	3	Vertical	256	1.17

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5775MHz_TX

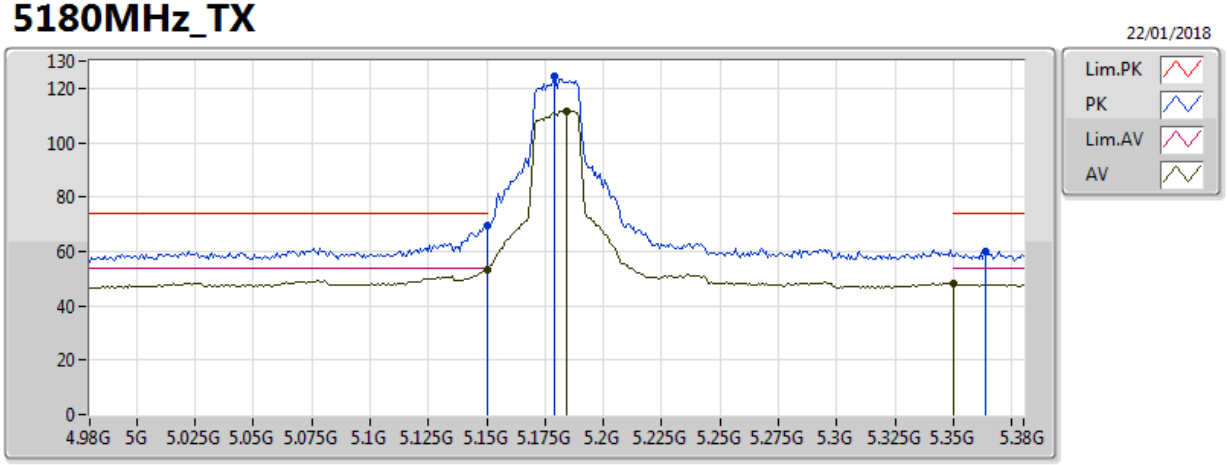


20180122
EUT Z_4 TX_Dipole
Setting 83
01-J-1
FSP
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.54632G	41.21	54.00	-12.79	13.18	3	Horizontal	170	1.50
PK	11.54528G	54.42	74.00	-19.58	13.18	3	Horizontal	170	1.50

HE20,BF_Nss1,(MCS0)_4TX

5180MHz_TX

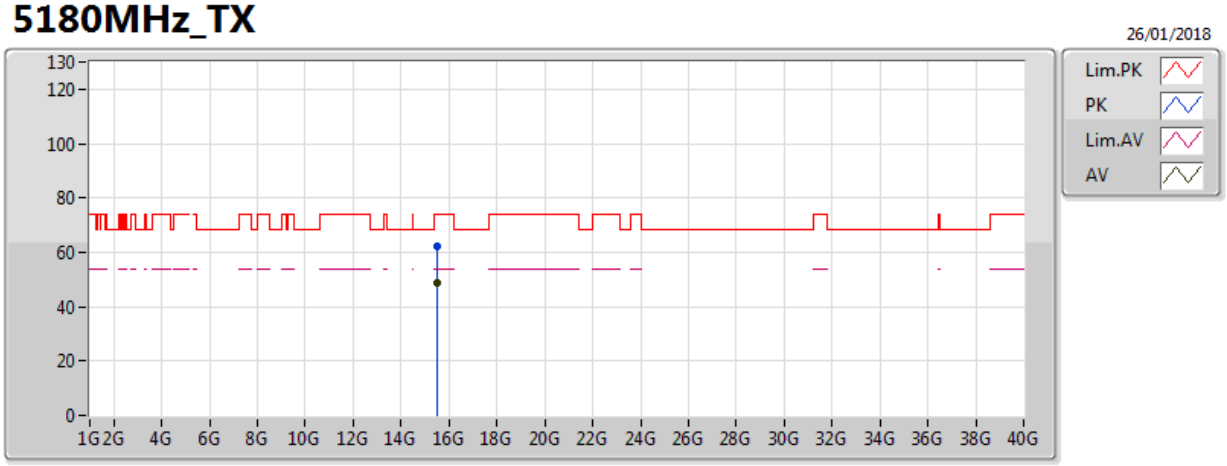


20180122
EUT Z_4 TX_Dipole
Setting 77
06-C-5-10
FSP(100080)
RT-AT88U R220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.149995G	53.14	54.00	-0.86	7.43	3	Vertical	260	2.03
AV	5.184G	111.78	Inf	-Inf	7.48	3	Vertical	260	2.03
AV	5.350005G	48.40	54.00	-5.60	7.73	3	Vertical	260	2.03
PK	5.149995G	69.67	74.00	-4.33	7.43	3	Vertical	260	2.03
PK	5.1792G	124.14	Inf	-Inf	7.48	3	Vertical	260	2.03
PK	5.364G	59.88	74.00	-14.12	7.75	3	Vertical	260	2.03

HE20,BF_Nss1,(MCS0)_4TX

5180MHz_TX

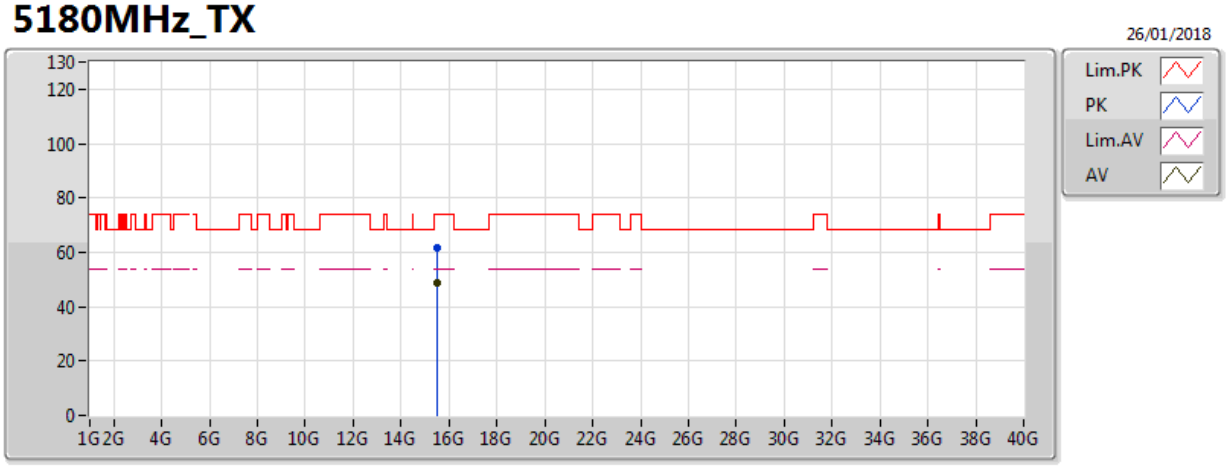


20180126
EUT Z_4 TX_Dipole
Setting 77
06-L-3
FSP(100080)
RT-AX88U R220#9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.53568G	48.69	54.00	-5.31	18.65	3	Vertical	249	1.50
PK	15.53464G	62.01	74.00	-11.99	18.65	3	Vertical	249	1.50

HE20,BF_Nss1,(MCS0)_4TX

5180MHz_TX

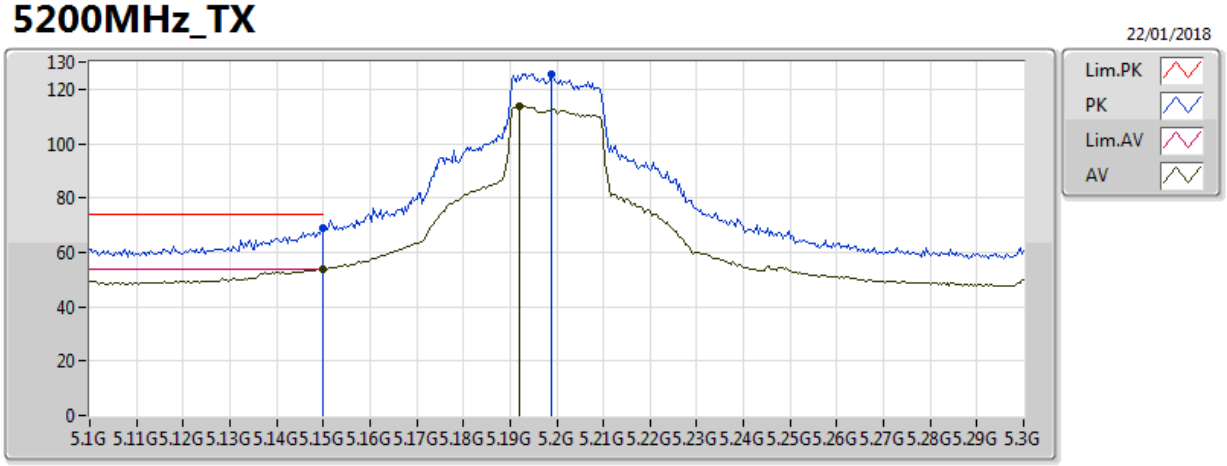


20180126
EUT Z_4 TX_Dipole
Setting 77
06-L-3
FSP(100080)
RT-AX88U R220#9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.53016G	48.73	54.00	-5.27	18.67	3	Horizontal	216	1.50
PK	15.53572G	61.68	74.00	-12.32	18.65	3	Horizontal	216	1.50

HE20,BF_Nss1,(MCS0)_4TX

5200MHz_TX

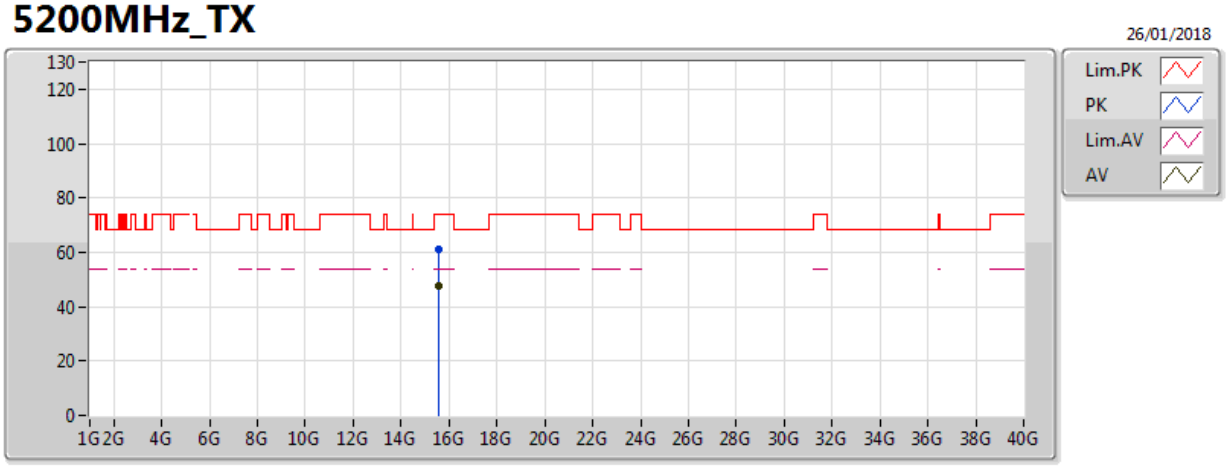


20180122
EUT Z_4 TX_Dipole
Setting 91
06-C-5-10
FSP(100080)
RT-AT88U R220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.149995G	53.73	54.00	-0.27	7.43	3	Vertical	258	1.60
AV	5.192G	113.51	Inf	-Inf	7.50	3	Vertical	258	1.60
PK	5.149995G	68.84	74.00	-5.16	7.43	3	Vertical	258	1.60
PK	5.1988G	125.73	Inf	-Inf	7.51	3	Vertical	258	1.60

HE20,BF_Nss1,(MCS0)_4TX

5200MHz_TX

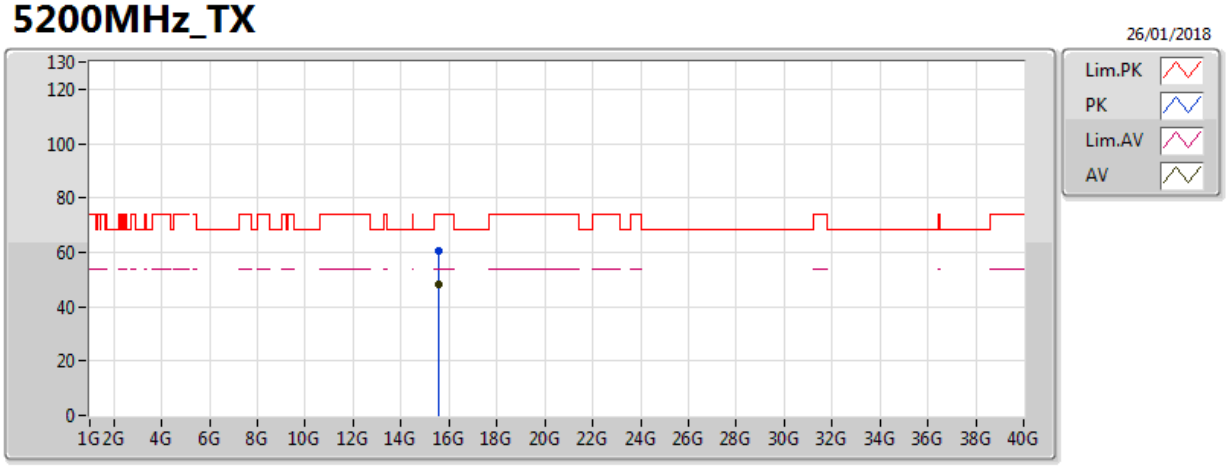


20180126
EUT Z_4 TX_Dipole
Setting 91
06-L-3
FSP(100080)
RT-AX88U R220#9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.5904G	47.85	54.00	-6.15	18.47	3	Vertical	102	1.50
PK	15.59656G	60.99	74.00	-13.01	18.45	3	Vertical	102	1.50

HE20,BF_Nss1,(MCS0)_4TX

5200MHz_TX

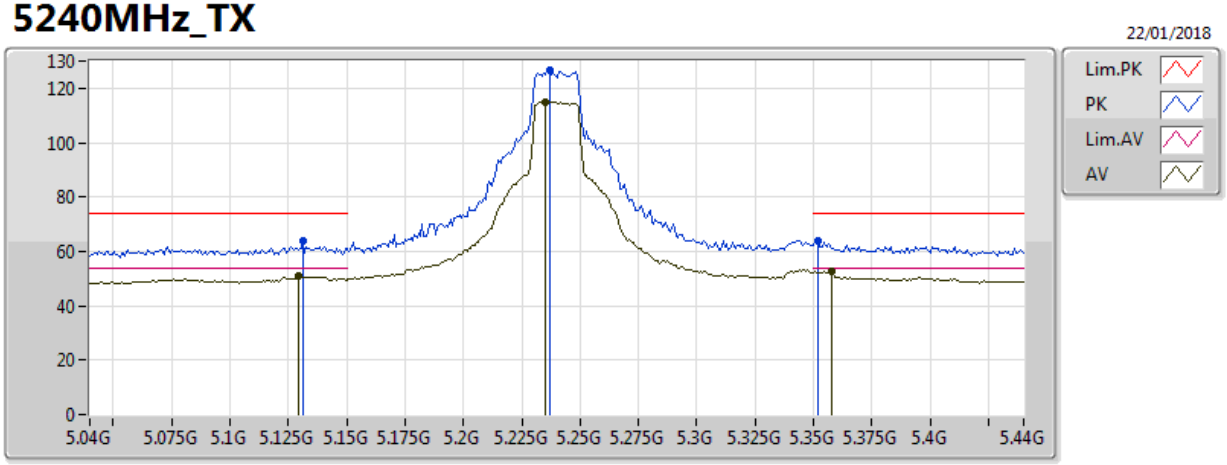


20180126
EUT Z_4 TX_Dipole
Setting 91
06-L-3
FSP(100080)
RT-AX88U R220#9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.59084G	47.97	54.00	-6.03	18.47	3	Horizontal	102	1.50
PK	15.5936G	60.63	74.00	-13.37	18.46	3	Horizontal	102	1.50

HE20,BF_Nss1,(MCS0)_4TX

5240MHz_TX

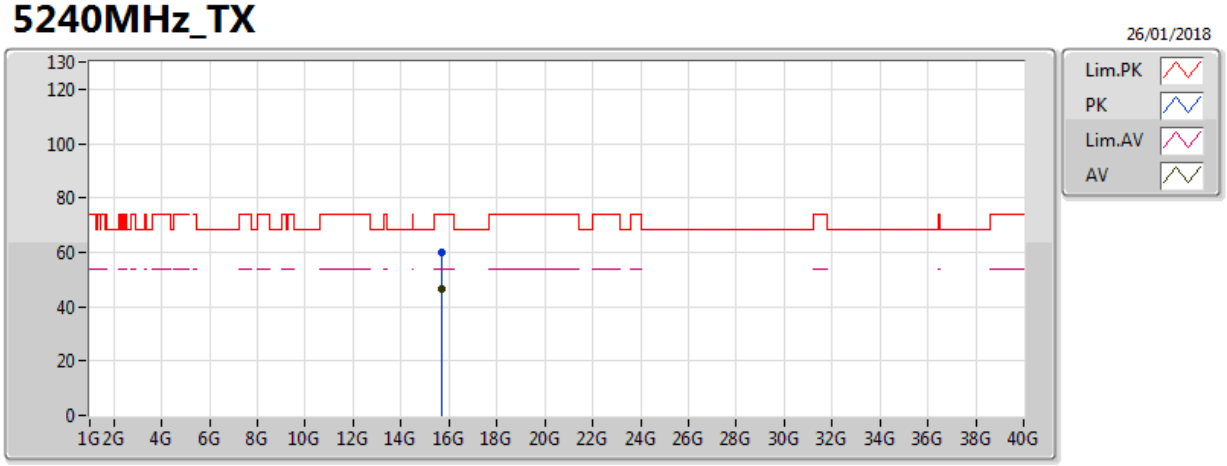


20180122
EUT Z_4 TX_Dipole
Setting 96
06-C-5-10
FSP(100080)
RT-AT88U R220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.1296G	50.75	54.00	-3.25	7.40	3	Vertical	98	1.78
AV	5.2352G	115.06	Inf	-Inf	7.56	3	Vertical	98	1.78
AV	5.3576G	52.57	54.00	-1.43	7.74	3	Vertical	98	1.78
PK	5.1312G	63.61	74.00	-10.39	7.40	3	Vertical	98	1.78
PK	5.2368G	126.43	Inf	-Inf	7.56	3	Vertical	98	1.78
PK	5.352G	63.93	74.00	-10.07	7.73	3	Vertical	98	1.78

HE20,BF_Nss1,(MCS0)_4TX

5240MHz_TX

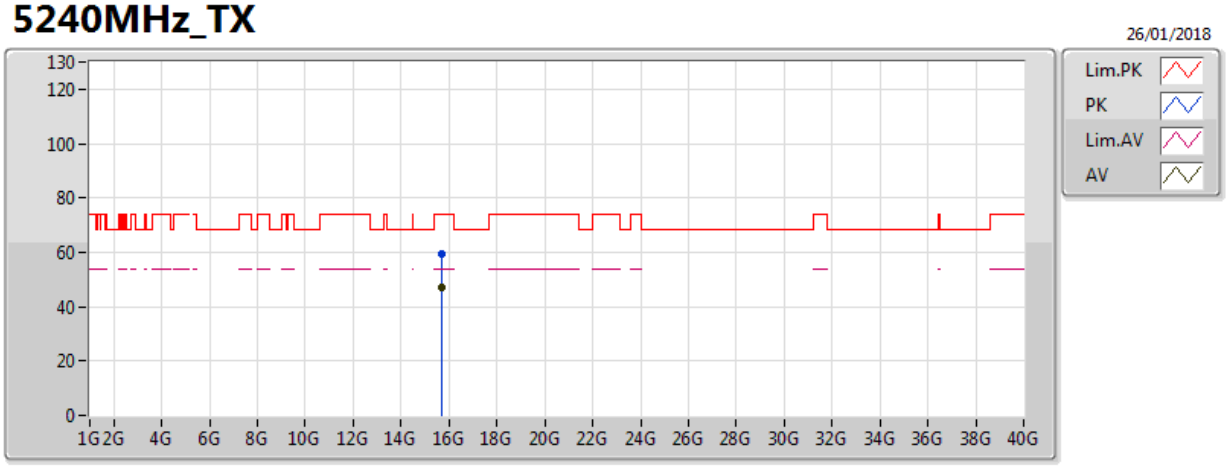


20180126
EUT Z_4 TX_Dipole
Setting 96
06-L-3
FSP(100080)
RT-AX88U R220#9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.7134G	46.73	54.00	-7.27	18.08	3	Vertical	25	2.48
PK	15.7246G	59.92	74.00	-14.08	18.04	3	Vertical	25	2.48

HE20,BF_Nss1,(MCS0)_4TX

5240MHz_TX

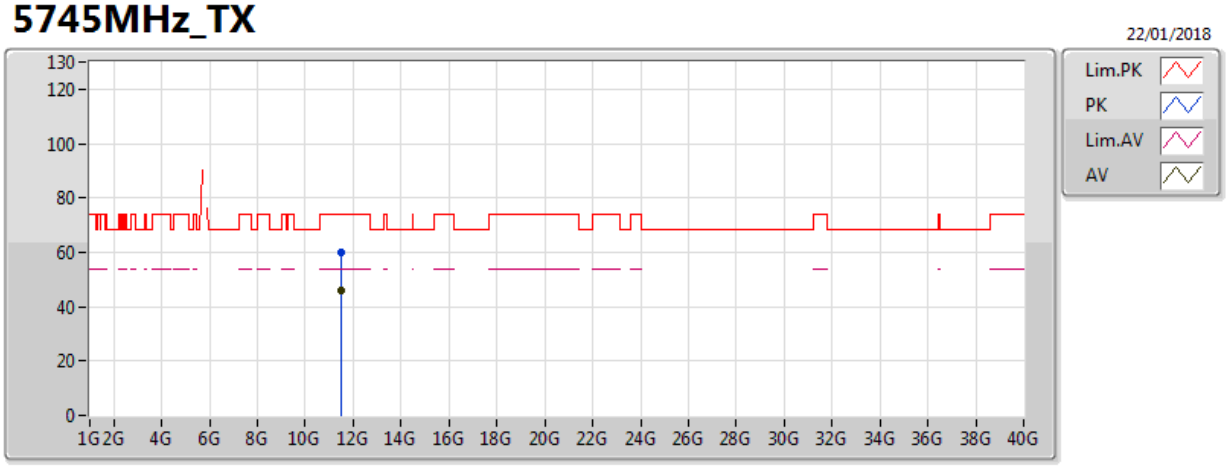


20180126
EUT Z_4 TX_Dipole
Setting 96
06-L-3
FSP(100080)
RT-AX88U R220#9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.71844G	46.80	54.00	-7.20	18.06	3	Horizontal	209	1.46
PK	15.7126G	59.63	74.00	-14.37	18.08	3	Horizontal	209	1.46

HE20,BF_Nss1,(MCS0)_4TX

5745MHz_TX

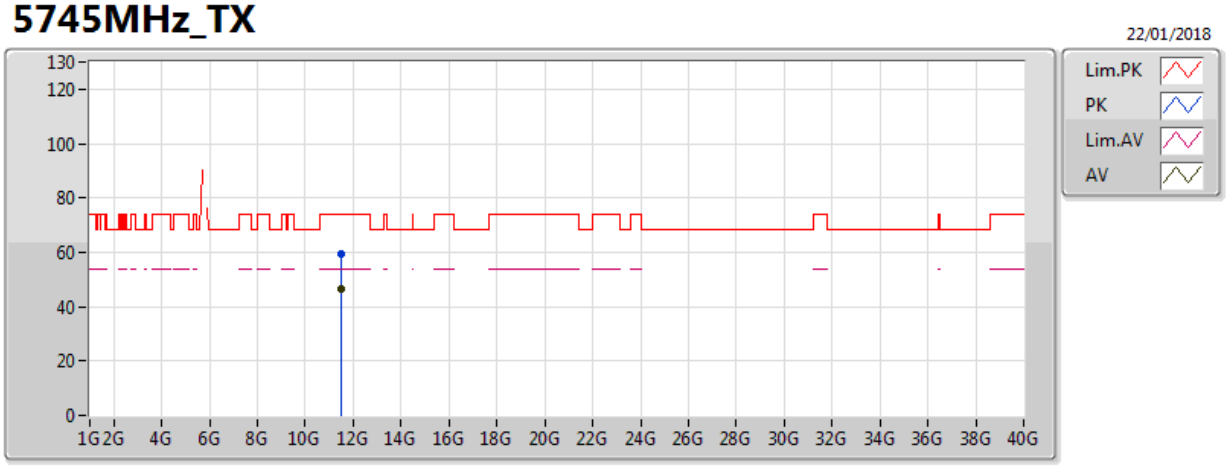


20180122
EUT Z_4 TX_Dipole
Setting 82
06-L-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.48538G	46.17	54.00	-7.83	18.01	3	Vertical	143	1.50
PK	11.4795G	59.86	74.00	-14.14	18.01	3	Vertical	143	1.50

HE20,BF_Nss1,(MCS0)_4TX

5745MHz_TX

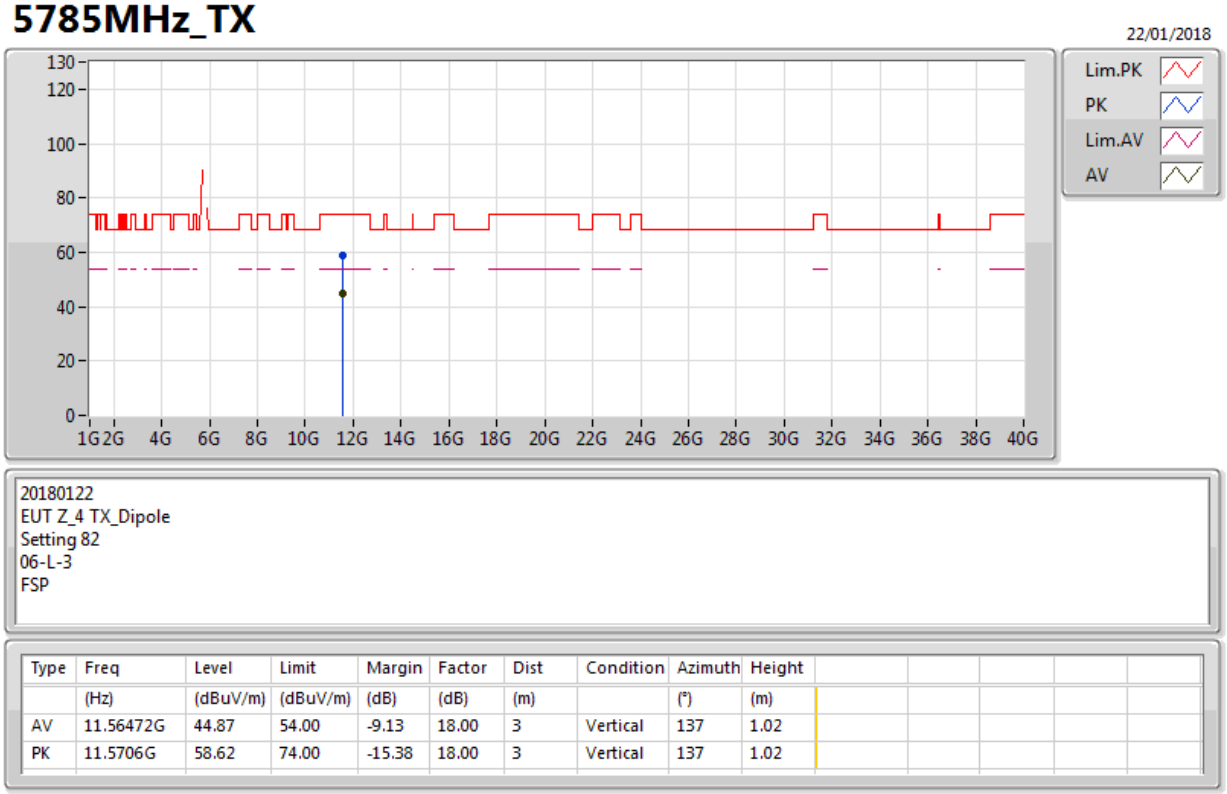


20180122
EUT Z_4 TX_Dipole
Setting 82
06-L-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.49156G	46.46	54.00	-7.54	18.01	3	Horizontal	147	2.07
PK	11.47662G	59.27	74.00	-14.73	18.01	3	Horizontal	147	2.07

HE20,BF_Nss1,(MCS0)_4TX

5785MHz_TX

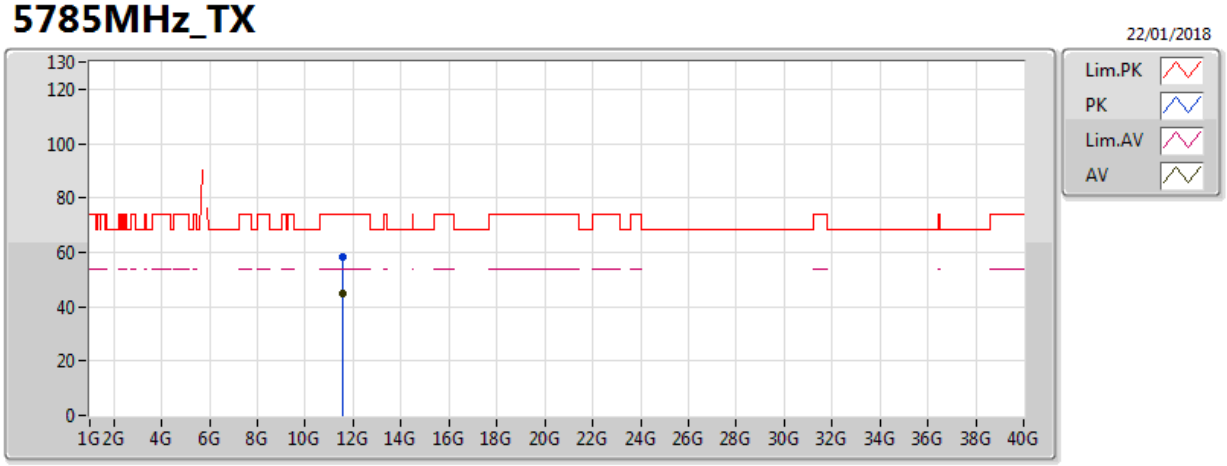


20180122
EUT Z_4 TX_Dipole
Setting 82
06-L-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.56472G	44.87	54.00	-9.13	18.00	3	Vertical	137	1.02
PK	11.5706G	58.62	74.00	-15.38	18.00	3	Vertical	137	1.02

HE20,BF_Nss1,(MCS0)_4TX

5785MHz_TX

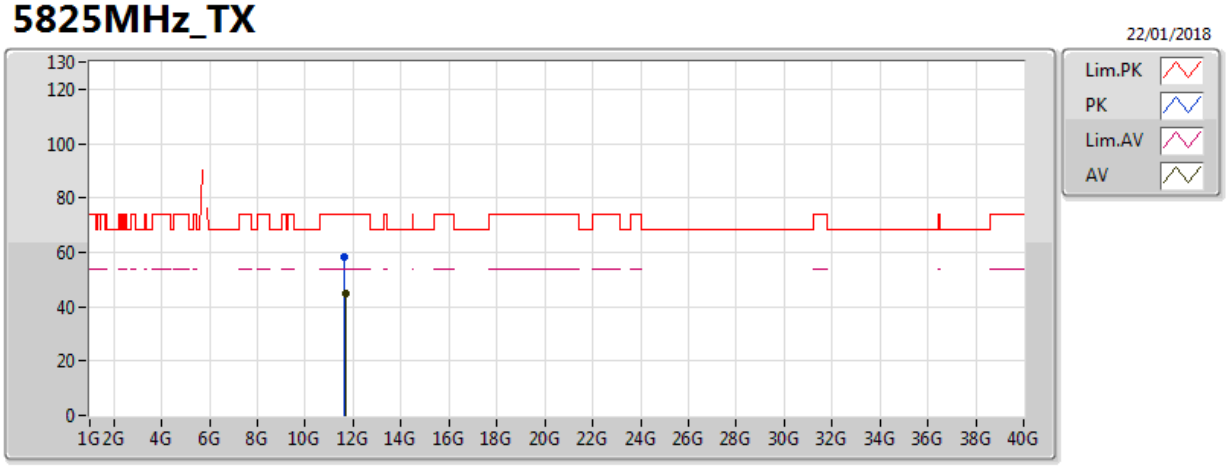


20180122
EUT Z_4 TX_Dipole
Setting 82
06-L-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.555G	44.78	54.00	-9.22	18.00	3	Horizontal	186	1.76
PK	11.57192G	58.35	74.00	-15.65	18.00	3	Horizontal	186	1.76

HE20,BF_Nss1,(MCS0)_4TX

5825MHz_TX

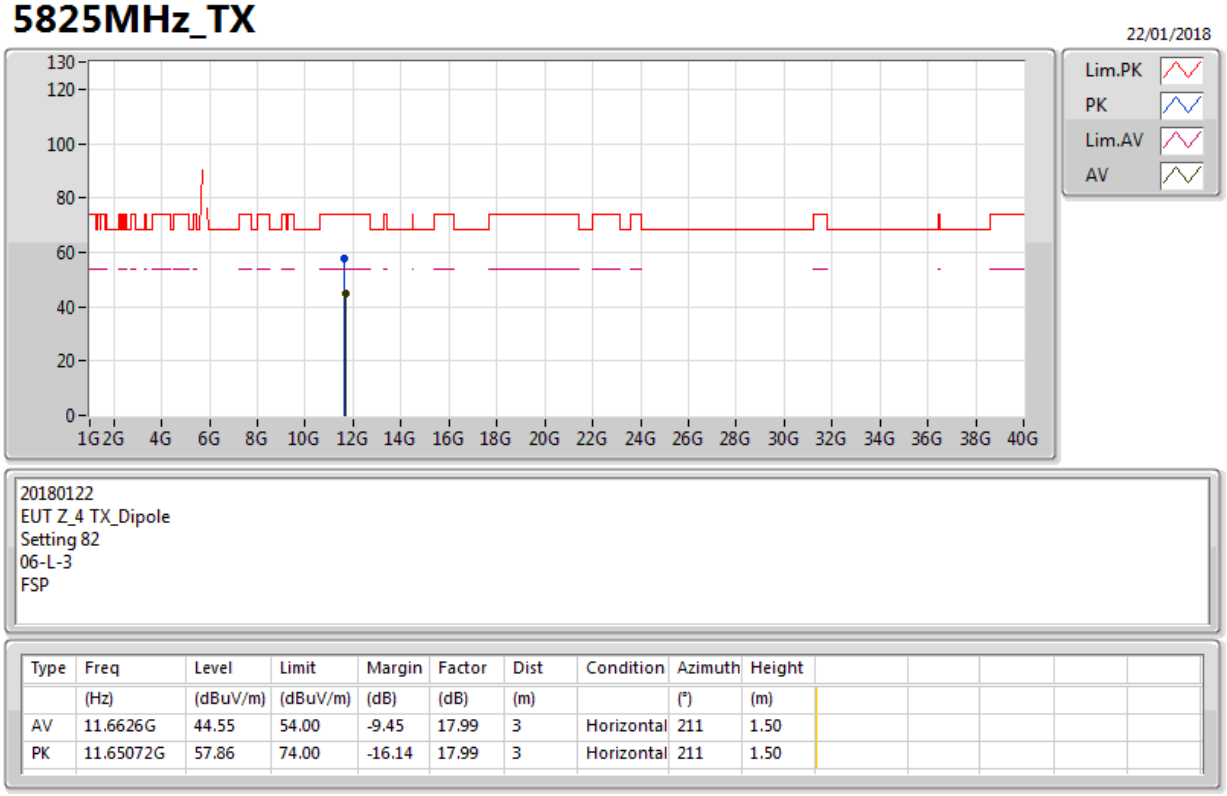


20180122
EUT Z_4 TX_Dipole
Setting 82
06-L-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.6623G	44.61	54.00	-9.39	17.99	3	Vertical	82	2.98
PK	11.64172G	58.37	74.00	-15.63	17.99	3	Vertical	82	2.98

HE20,BF_Nss1,(MCS0)_4TX

5825MHz_TX

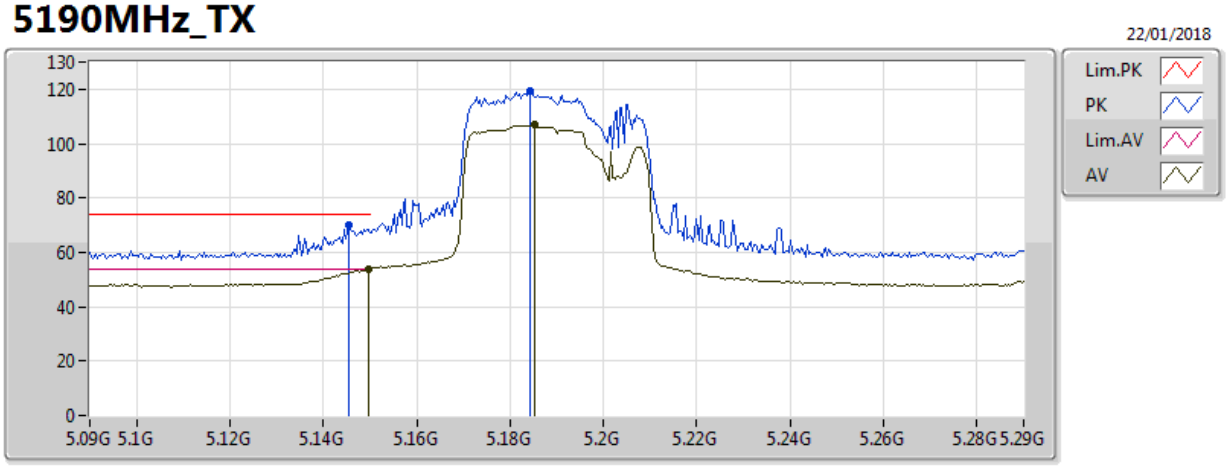


20180122
EUT Z_4 TX_Dipole
Setting 82
06-L-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.6626G	44.55	54.00	-9.45	17.99	3	Horizontal	211	1.50
PK	11.65072G	57.86	74.00	-16.14	17.99	3	Horizontal	211	1.50

HE40,BF_Nss1,(MCS0)_4TX

5190MHz_TX

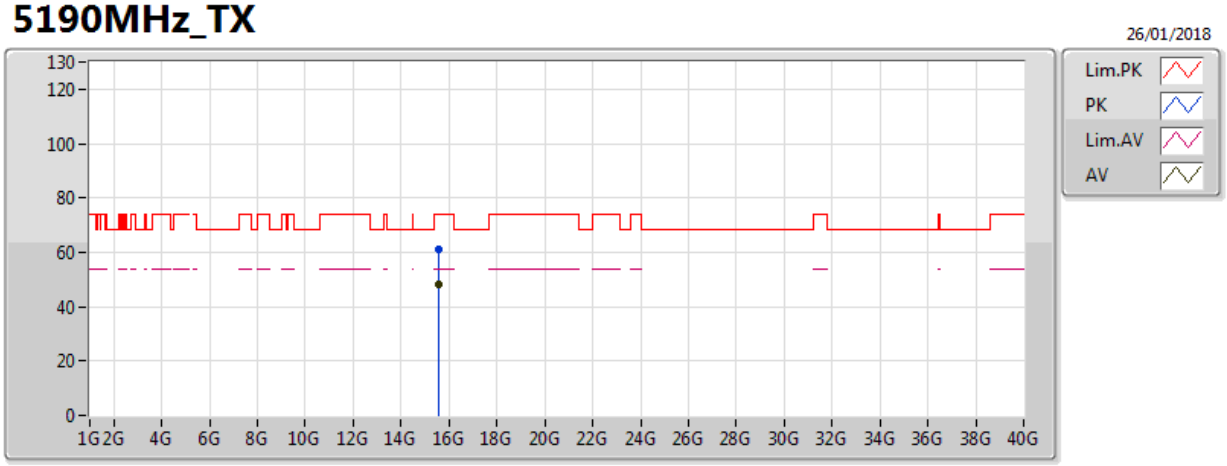


20180122
EUT Z_4 TX_Dipole
Setting 68
06-C-5-10
FSP(100080)
RT-AT88U R220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.1496G	53.78	54.00	-0.22	7.43	3	Vertical	259	1.94
AV	5.1852G	106.82	Inf	-Inf	7.49	3	Vertical	259	1.94
PK	5.1456G	70.20	74.00	-3.80	7.42	3	Vertical	259	1.94
PK	5.1844G	119.28	Inf	-Inf	7.49	3	Vertical	259	1.94

HE40,BF_Nss1,(MCS0)_4TX

5190MHz_TX

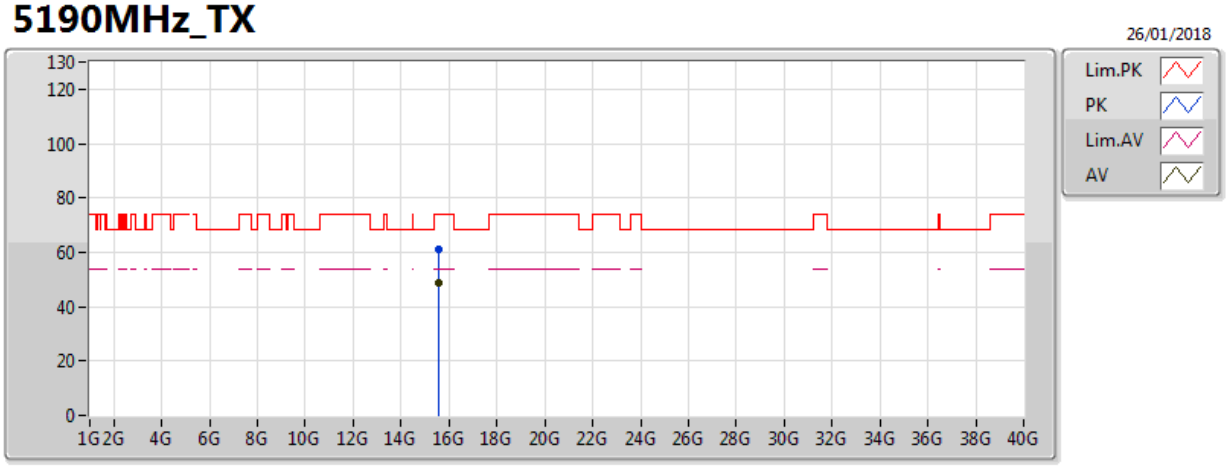


20180126
EUT Z_4 TX_Dipole
Setting 68
06-L-3
FSP(100080)
RT-AX88U R220#9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.56004G	48.24	54.00	-5.76	18.57	3	Vertical	6	1.50
PK	15.56292G	60.98	74.00	-13.02	18.56	3	Vertical	6	1.50

HE40,BF_Nss1,(MCS0)_4TX

5190MHz_TX

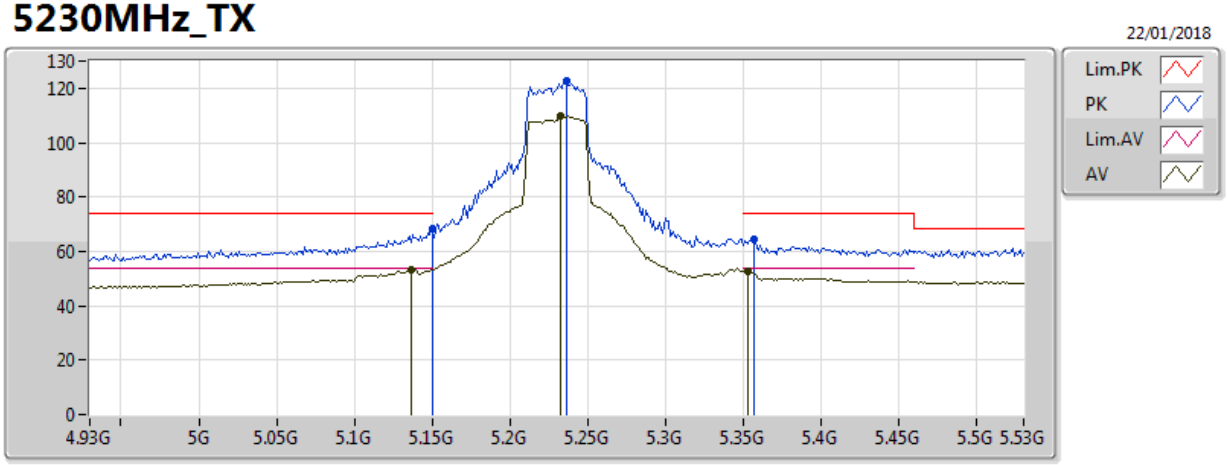


20180126
EUT Z_4 TX_Dipole
Setting 68
06-L-3
FSP(100080)
RT-AX88U R220#9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.56004G	48.52	54.00	-5.48	18.57	3	Horizontal	1	1.55
PK	15.57564G	61.35	74.00	-12.65	18.52	3	Horizontal	1	1.55

HE40,BF_Nss1,(MCS0)_4TX

5230MHz_TX

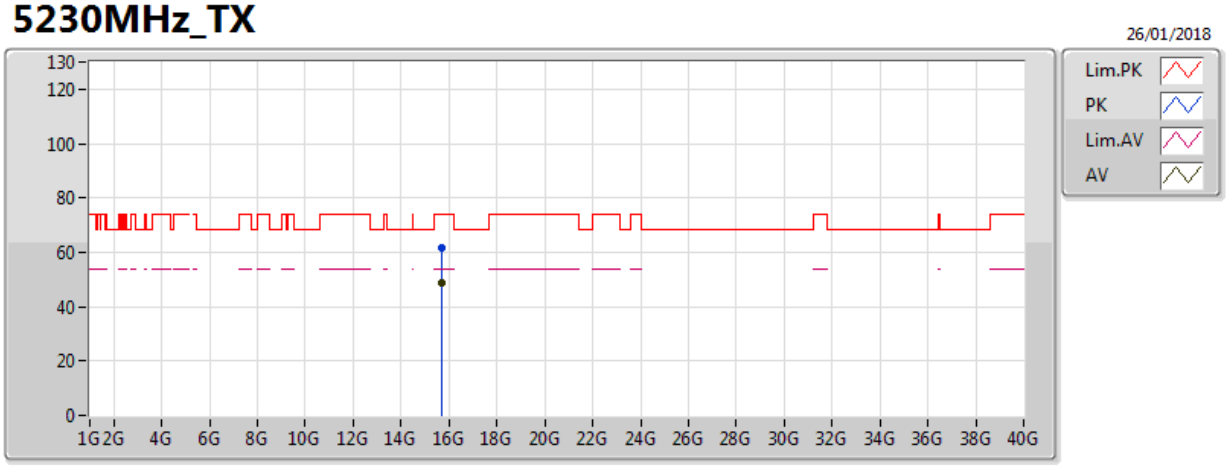


20180122
EUT Z_4 TX_Dipole
Setting 88
06-C-5-10
FSP(100080)
RT-AT88U R220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.1364G	53.14	54.00	-0.86	7.41	3	Vertical	257	1.80
AV	5.2324G	109.71	Inf	-Inf	7.56	3	Vertical	257	1.80
AV	5.3524G	52.86	54.00	-1.14	7.73	3	Vertical	257	1.80
PK	5.149995G	68.29	74.00	-5.71	7.43	3	Vertical	257	1.80
PK	5.236G	122.49	Inf	-Inf	7.56	3	Vertical	257	1.80
PK	5.3572G	64.34	74.00	-9.66	7.74	3	Vertical	257	1.80

HE40,BF_Nss1,(MCS0)_4TX

5230MHz_TX

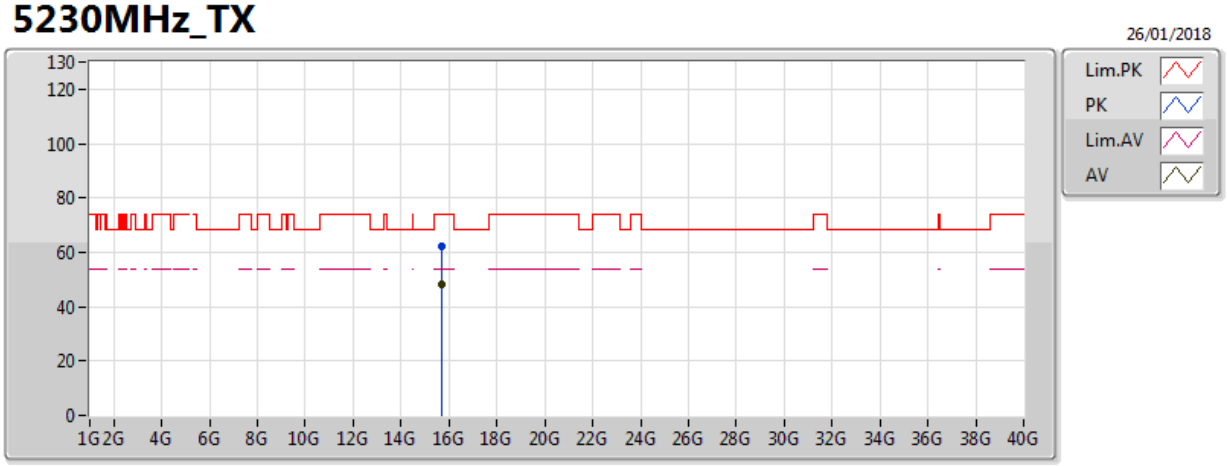


20180126
EUT Z_4 TX_Dipole
Setting 88
06-L-3
FSP(100080)
RT-AX88U R220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.68032G	48.54	54.00	-5.46	18.18	3	Vertical	357	1.50
PK	15.68876G	61.52	74.00	-12.48	18.16	3	Vertical	357	1.50

HE40,BF_Nss1,(MCS0)_4TX

5230MHz_TX

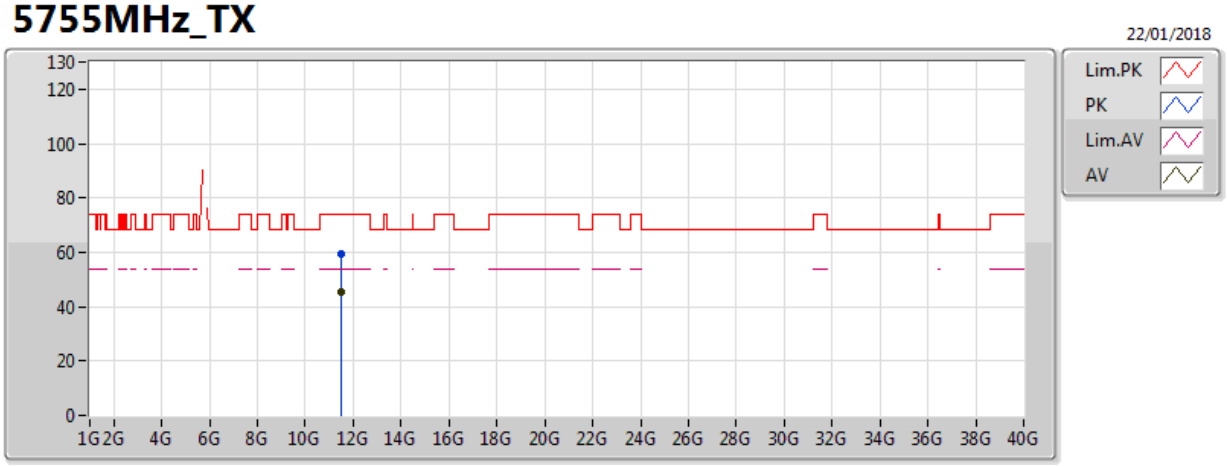


20180126
EUT Z_4 TX_Dipole
Setting 88
06-L-3
FSP(100080)
RT-AX88U R220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.6852G	48.33	54.00	-5.67	18.17	3	Horizontal	107	1.50
PK	15.6812G	62.01	74.00	-11.99	18.18	3	Horizontal	107	1.50

HE40,BF_Nss1,(MCS0)_4TX

5755MHz_TX

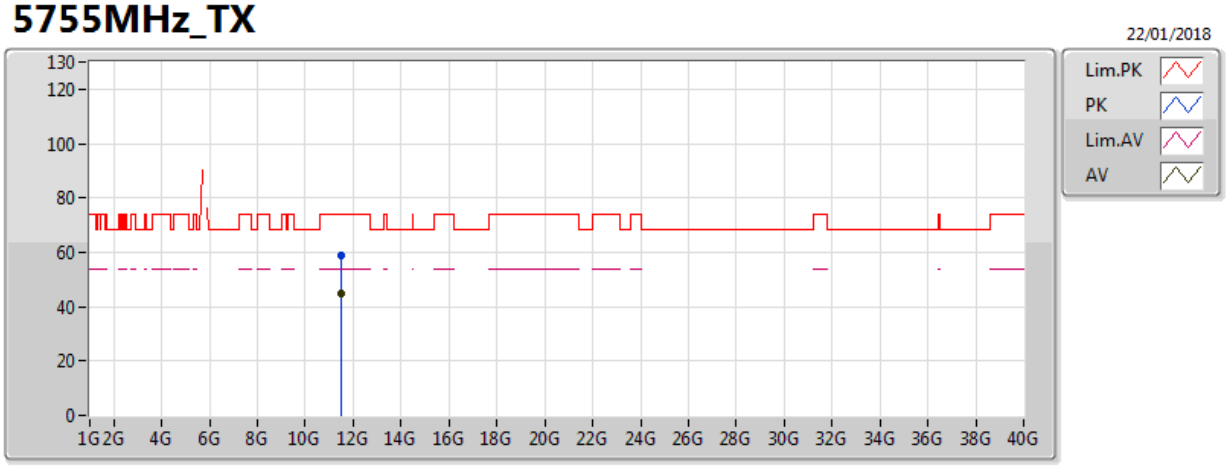


20180122
EUT Z_4 TX_Dipole
Setting 82
06-L-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.50654G	45.29	54.00	-8.71	18.01	3	Vertical	299	2.90
PK	11.512G	59.38	74.00	-14.62	18.01	3	Vertical	299	2.90

HE40,BF_Nss1,(MCS0)_4TX

5755MHz_TX

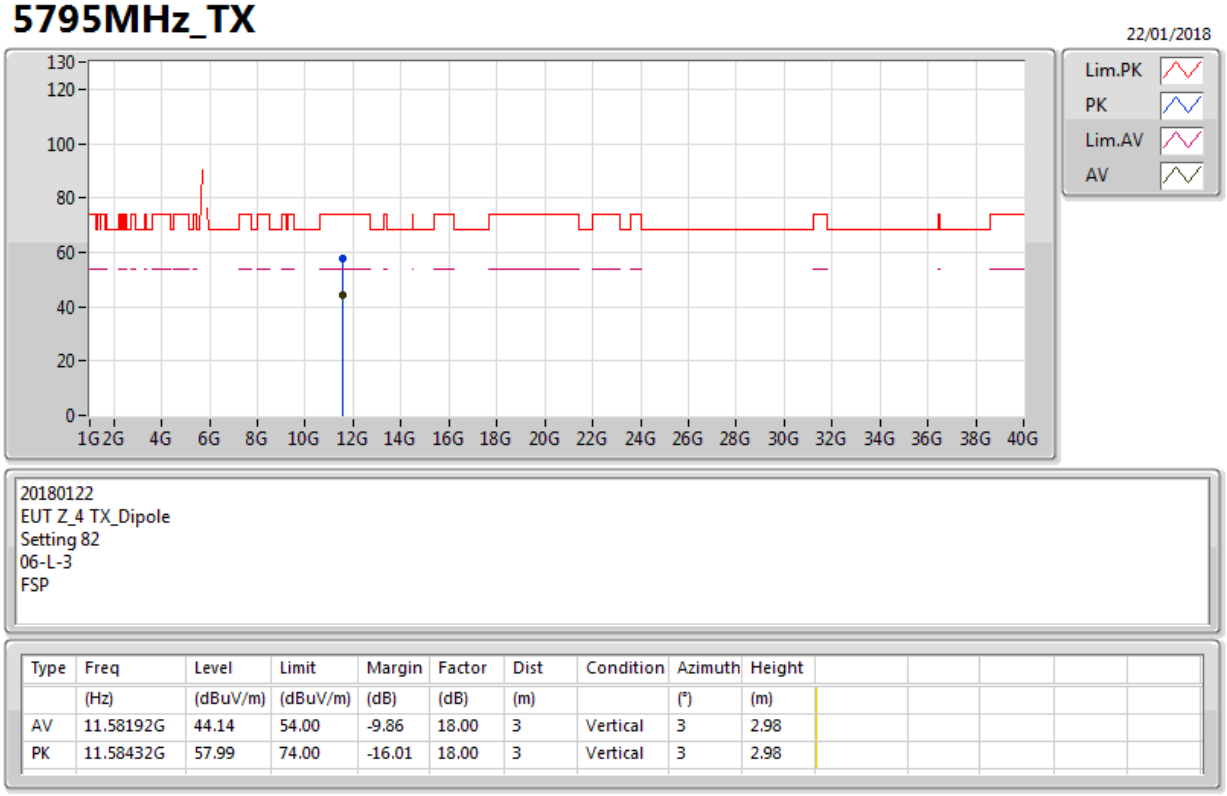


20180122
EUT Z_4 TX_Dipole
Setting 82
06-L-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.5063G	44.79	54.00	-9.21	18.01	3	Horizontal	1	1.50
PK	11.50702G	58.60	74.00	-15.40	18.01	3	Horizontal	1	1.50

HE40,BF_Nss1,(MCS0)_4TX

5795MHz_TX

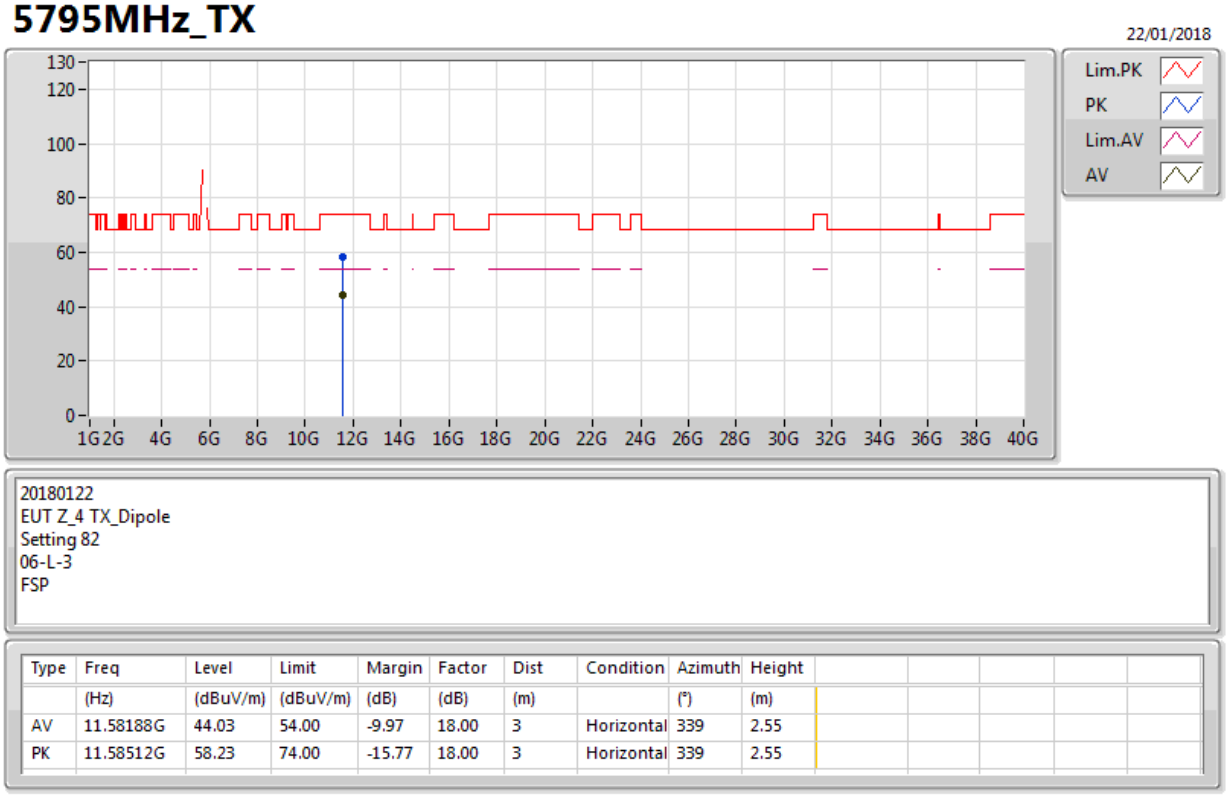


20180122
EUT Z_4 TX_Dipole
Setting 82
06-L-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.58192G	44.14	54.00	-9.86	18.00	3	Vertical	3	2.98
PK	11.58432G	57.99	74.00	-16.01	18.00	3	Vertical	3	2.98

HE40,BF_Nss1,(MCS0)_4TX

5795MHz_TX

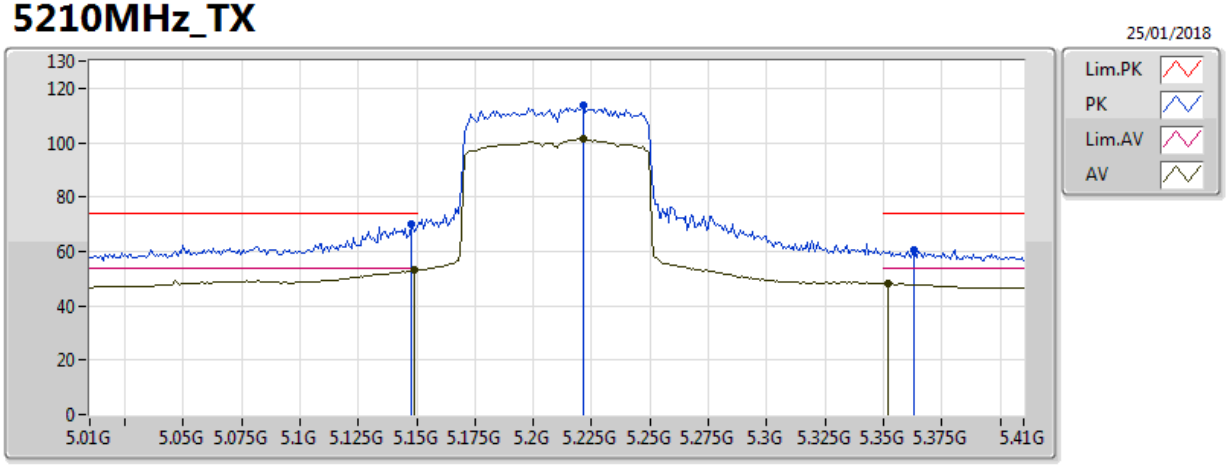


20180122
EUT Z_4 TX_Dipole
Setting 82
06-L-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.58188G	44.03	54.00	-9.97	18.00	3	Horizontal	339	2.55
PK	11.58512G	58.23	74.00	-15.77	18.00	3	Horizontal	339	2.55

HE80,BF_Nss1,(MCS0)_4TX

5210MHz_TX

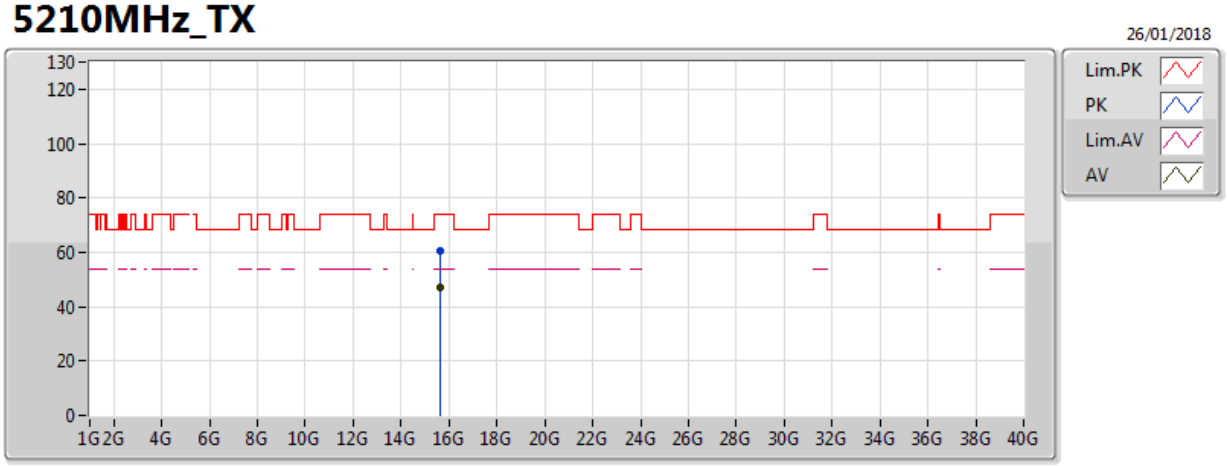


20180124
EUT Z_4 TX_Dipole
Setting 72
06-L-3-10
FSP(100080)
RT-AX88U R220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.1492G	53.05	54.00	-0.95	7.43	3	Vertical	102	1.33
AV	5.2212G	101.27	Inf	-Inf	7.54	3	Vertical	102	1.33
AV	5.3516G	48.23	54.00	-5.77	7.73	3	Vertical	102	1.33
PK	5.1476G	70.28	74.00	-3.72	7.43	3	Vertical	102	1.33
PK	5.2212G	113.50	Inf	-Inf	7.54	3	Vertical	102	1.33
PK	5.3628G	60.50	74.00	-13.50	7.75	3	Vertical	102	1.33

HE80,BF_Nss1,(MCS0)_4TX

5210MHz_TX

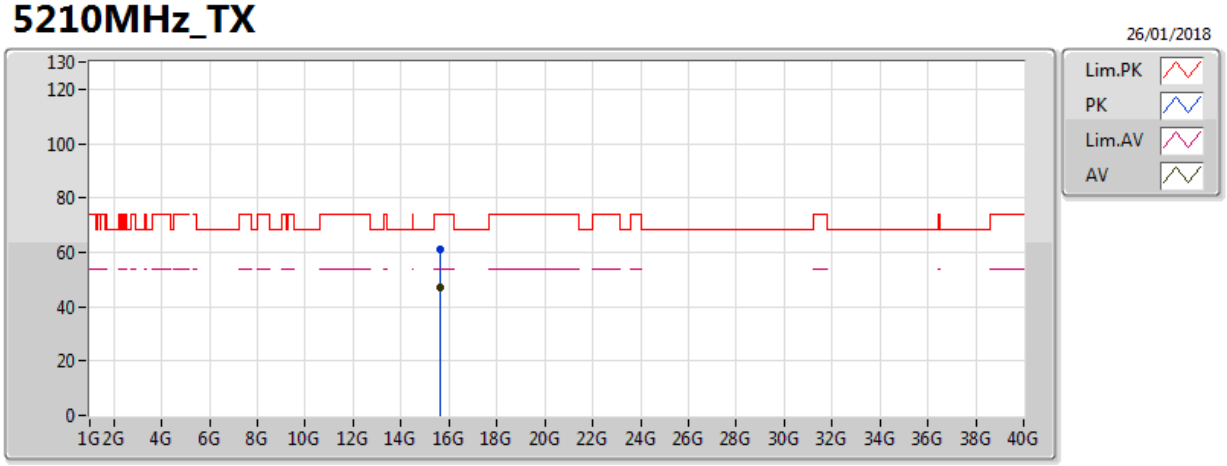


20180126
EUT Z_4 TX_Dipole
Setting 72
06-L-3
FSP(100080)
RT-AX88U R220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.62112G	47.32	54.00	-6.68	18.37	3	Vertical	0	1.50
PK	15.62988G	60.39	74.00	-13.61	18.35	3	Vertical	0	1.50

HE80,BF_Nss1,(MCS0)_4TX

5210MHz_TX

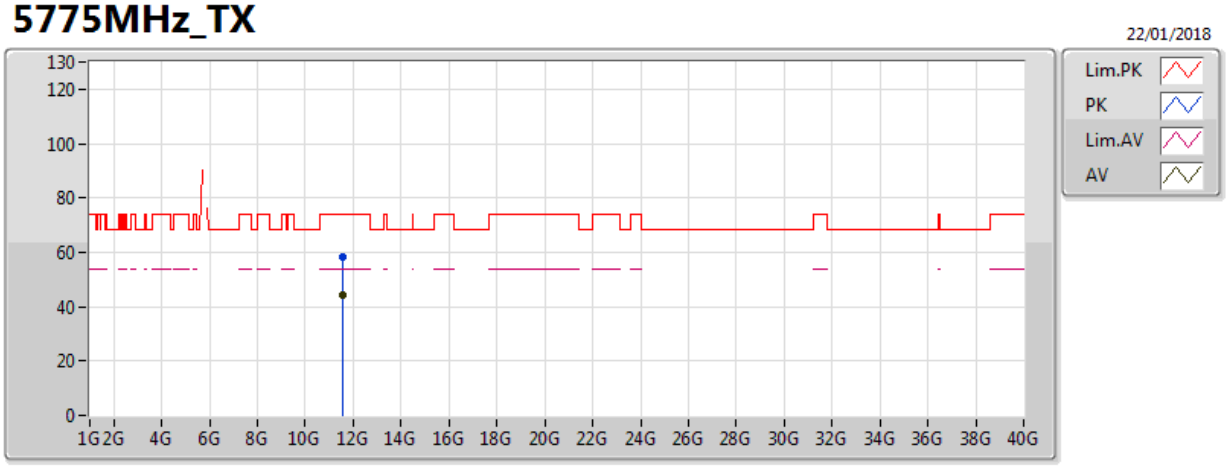


20180126
EUT Z_4 TX_Dipole
Setting 72
06-L-3
FSP(100080)
RT-AX88U R220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.62108G	47.29	54.00	-6.71	18.37	3	Horizontal	187	1.50
PK	15.62344G	60.82	74.00	-13.18	18.37	3	Horizontal	187	1.50

HE80,BF_Nss1,(MCS0)_4TX

5775MHz_TX

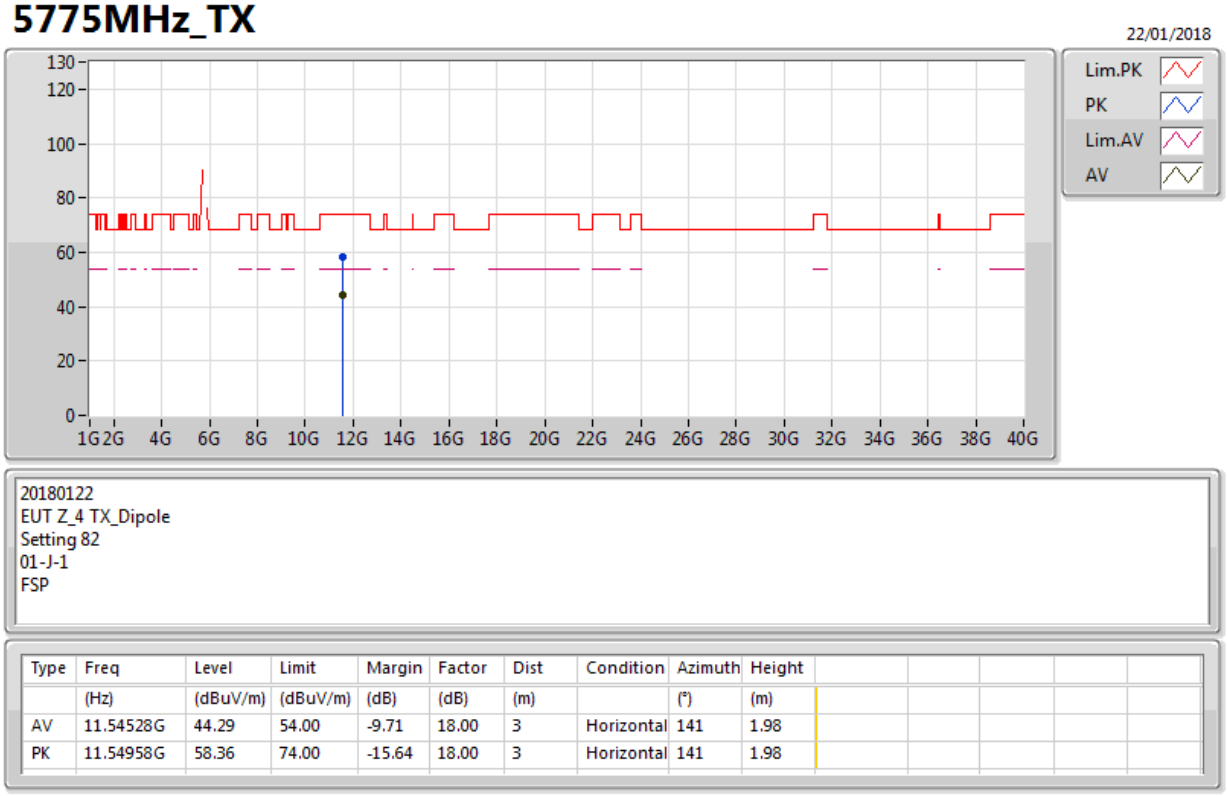


20180122
EUT Z_4 TX_Dipole
Setting 82
01-J-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.54766G	44.22	54.00	-9.78	18.00	3	Vertical	270	1.50
PK	11.5482G	58.33	74.00	-15.67	18.00	3	Vertical	270	1.50

HE80,BF_Nss1,(MCS0)_4TX

5775MHz_TX

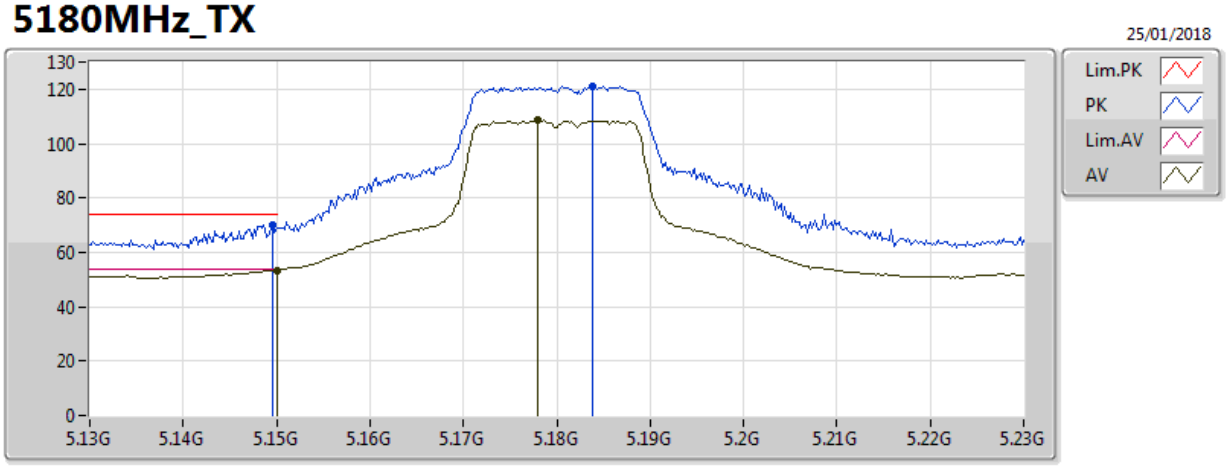


20180122
EUT Z_4 TX_Dipole
Setting 82
01-J-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.54528G	44.29	54.00	-9.71	18.00	3	Horizontal	141	1.98
PK	11.54958G	58.36	74.00	-15.64	18.00	3	Horizontal	141	1.98

802.11ac VHT20-BF_Nss2,(MCS0)_4TX

5180MHz_TX

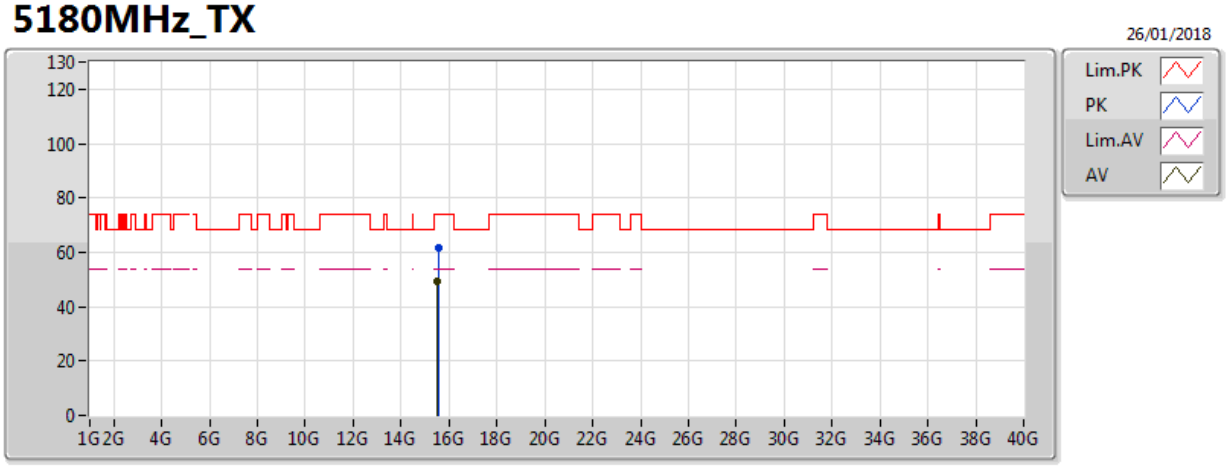


20180124
EUT Z_4 TX_Dipole
Setting 82
06-L-3-10
FSP(100080)
RT-AX88U R220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.149995G	53.50	54.00	-0.50	7.43	3	Vertical	258	1.74
AV	5.178G	108.91	Inf	-Inf	7.47	3	Vertical	258	1.74
PK	5.1496G	70.29	74.00	-3.71	7.43	3	Vertical	258	1.74
PK	5.1838G	121.27	Inf	-Inf	7.48	3	Vertical	258	1.74

802.11ac VHT20-BF_Nss2,(MCS0)_4TX

5180MHz_TX

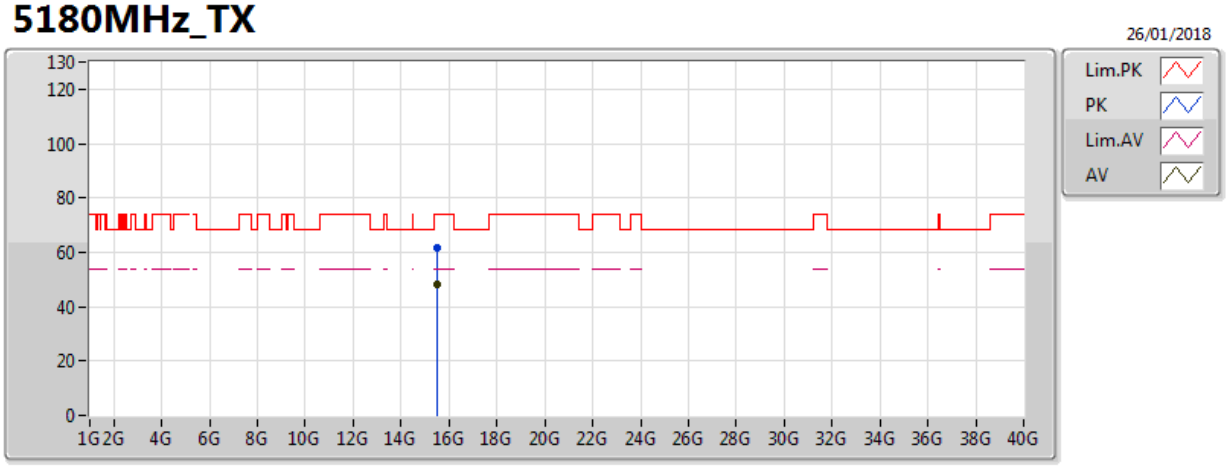


20180126
EUT Z_4 TX_Dipole
Setting 82
06-L-3
FSP(100304)
RT-AX88U R220#9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.52758G	49.20	54.00	-4.80	18.67	3	Vertical	308	1.01
PK	15.54864G	61.89	74.00	-12.11	18.61	3	Vertical	308	1.01

802.11ac VHT20-BF_Nss2,(MCS0)_4TX

5180MHz_TX

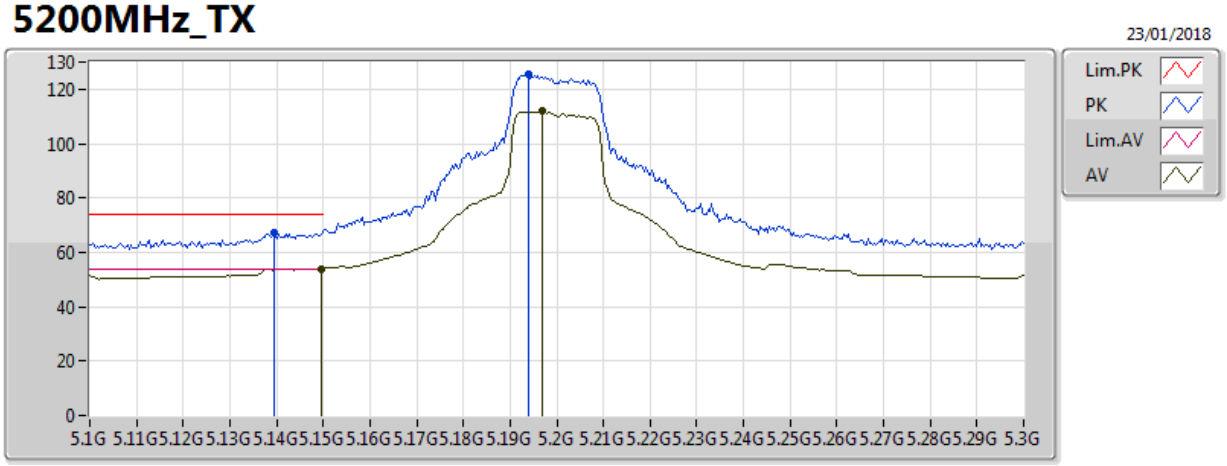


20180126
EUT Z_4 TX_Dipole
Setting 82
06-L-3
FSP(100304)
RT-AX88U R220#9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.52506G	48.45	54.00	-5.55	18.68	3	Horizontal	285	1.21
PK	15.52572G	61.82	74.00	-12.18	18.68	3	Horizontal	285	1.21

802.11ac VHT20-BF_Nss2,(MCS0)_4TX

5200MHz_TX



20180123
EUT Z_4 TX_Dipole
Setting 91
01-J-1-10
FSP
rtax880 r220 #9

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.1496G	53.97	54.00	-0.03	4.83	3	Vertical	256	1.99
AV	5.1968G	111.83	Inf	-Inf	4.89	3	Vertical	256	1.99
PK	5.1396G	67.51	74.00	-6.49	4.82	3	Vertical	256	1.99
PK	5.194G	125.24	Inf	-Inf	4.88	3	Vertical	256	1.99