FCC Test Report

FCC ID	:	**UIDTG4482**
Equipment	:	**Wireless Gateway**
Brand Name	:	**ARRIS**
Model Name	:	**TG4482**
Applicant	:	**ARRIS** **3871 Lakefield Drive, Suite 300, Suwanee, GA 30024**
Manufacturer	:	**ARRIS** **3871 Lakefield Drive, Suite 300, Suwanee, GA 30024**
Standard	:	**47 CFR FCC Part 15.407**

The product was received on Oct. 14, 2019, and testing was started from Dec. 16, 2019 and completed on Mar. 06, 2020. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

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

Approved by: Allen Lin

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

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

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PHOTOGRAPHS OF EUT V01

History of this test report

Report No.	Version	Description	Issued Date
FR992407AN	01	Initial issue of report	Apr. 01, 2020

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Conducted Output Power	PASS	-
3.4	15.407(a)	Peak Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and explanations:
1. The test configuration, test mode and test software were written in this test report are declared by the manufacturer. 2. The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Tsai

Report Producer: Ann Hou

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number	Max Output Power (dBm)
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20)	5180-5240	36-48 [4]	29.99
5725-5850		5745-5825	149-165 [5]	
5150-5250	n (HT40), ac (VHT40), ax (HEW40)	5190-5230	38-46 [2]	
5725-5850		5755-5795	151-159 [2]	
5150-5250	ac (VHT80), ax (HEW80)	5210	42 [1]	
5725-5850		5775	155 [1]	

Non-Beamforming (4T4S)

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11ac VHT20	20	4TX
5.725-5.85GHz	802.11ac VHT20	20	4TX
5.15-5.25GHz	802.11ac VHT40	40	4TX
5.725-5.85GHz	802.11ac VHT40	40	4TX
5.15-5.25GHz	802.11ac VHT80	80	4TX
5.725-5.85GHz	802.11ac VHT80	80	4TX
5.15-5.25GHz	802.11ax HEW20	20	4TX
5.725-5.85GHz	802.11ax HEW20	20	4TX
5.15-5.25GHz	802.11ax HEW40	40	4TX
5.725-5.85GHz	802.11ax HEW40	40	4TX
5.15-5.25GHz	802.11ax HEW80	80	4TX
5.725-5.85GHz	802.11ax HEW80	80	4TX

Beamforming (4T1S)

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11ac VHT20-BF	20	4TX
5.725-5.85GHz	802.11ac VHT20-BF	20	4TX
5.15-5.25GHz	802.11ac VHT40-BF	40	4TX
5.725-5.85GHz	802.11ac VHT40-BF	40	4TX
5.15-5.25GHz	802.11ac VHT80-BF	80	4TX
5.725-5.85GHz	802.11ac VHT80-BF	80	4TX
5.15-5.25GHz	802.11ax HEW20-BF	20	4TX
5.725-5.85GHz	802.11ax HEW20-BF	20	4TX

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11ax HEW40-BF	40	4TX
5.725-5.85GHz	802.11ax HEW40-BF	40	4TX
5.15-5.25GHz	802.11ax HEW80-BF	80	4TX
5.725-5.85GHz	802.11ax HEW80-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 modulation.
- HEW20, HEW40, HEW80 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- BWch is the nominal channel bandwidth.
- The resource unit of HEW 20, HEW 40, HEW 80 only support full loading.

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector
1	4	Airgain	N03CPAEN	PIFA	I-PEX
2	3	Airgain	N03CPAEH	PIFA	I-PEX
3	2	Airgain	N03CPAEK	PIFA	I-PEX
4	1	Airgain	N03CPAEJ	PIFA	I-PEX

Frequency (MHz)	BW (MHz)	5G Directional Gain (dBi)	
		4TX 1Stream (Correlated)	4TX 4Streams (Uncorrelated)
5180	20	5.7	2.5
5200	20	5.7	2.5
5240	20	5.7	2.5
5260	20	5.7	2.5
5300	20	5.7	2.5
5320	20	5.7	2.5
5500	20	5.6	2
5580	20	5.6	2
5700	20	5.6	2
5720	20	5.6	1.9
5745	20	6.6	1.9
5785	20	6.6	1.9
5825	20	6.6	1.9
5190	40	5.7	2.5
5230	40	5.7	2.5
5270	40	5.7	2.5
5310	40	5.7	2.5

Frequency (MHz)	BW (MHz)	5G Directional Gain (dBi)	
		4TX 1Stream (Correlated)	4TX 4Streams (Uncorrelated)
5510	40	5.6	2
5550	40	5.6	2
5670	40	5.6	2
5710	40	5.6	2
5755	40	6.6	1.9
5795	40	6.6	1.9
5210	80	5.7	2.5
5290	80	5.7	2.5
5530	80	5.6	2
5610	80	5.6	2
5690	80	5.6	2
5775	80	6.6	1.9
5250	160	5.7	2.5
5570	160	5.6	2

Note. The composite gain was used during the test.

For 5GHz function:

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

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

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From AC Adapter			
EUT Function	☐	Outdoor AP	☒	Indoor AP
	☐	Fixed P2P AP	☐	Indoor Client
Beamforming Function	☒	With beamforming	☐	Without beamforming
TPC Function	☒	With TPC Function	☐	Without TPC Function

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

1.1.4 Mode Test Duty Cycle

Non-Beamforming (4T4S)

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ac VHT20_Nss4,(MCS0)_4TX	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT40_Nss4,(MCS0)_4TX	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT80_Nss4,(MCS0)_4TX	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW20_Nss4,(MCS0)_4TX	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40_Nss4,(MCS0)_4TX	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW80_Nss4,(MCS0)_4TX	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)

Beamforming (4T1S)

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	0.724	1.4	888.75u	3k
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	0.952	0.21	3.846m	300
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	0.963	0.16	4.618m	300
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	0.964	0.16	5.398m	300
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	0.952	0.21	5.339m	300
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	0.96	0.18	5.379m	300

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

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
- KDB 789033 D02 v02r01
- KDB 662911 D01 v02r01
- KDB 414788 D01 v01r01

1.3 Testing Location Information

Testing Location			
☒	HWA YA	ADD : No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)	
		TEL : 886-3-327-3456	FAX : 886-3-327-0973
Test site Designation No. TW1190 with FCC.			
☐	JHUBEI	ADD : No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County, Taiwan (R.O.C.)	
		TEL : 886-3-656-9065	FAX : 886-3-656-9085
Test site Designation No. TW0006 with FCC.			
☐	Wen Shan	ADD : No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)	
		TEL : 886-3-318-0787	FAX : 886-3-318-0287
Test site Designation No. TW1097 with FCC.			

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Edward	19.9~20.4°C / 60~65%	25/Feb/2020
RF Conducted	TH06-HY	Raven	22.4~25.1°C / 61~69%	17/Dec/2019~ 06/Mar/2020
Radiated	03CH03-HY	Patrick	21.5~26.5°C / 51~58%	16/Dec/2019~ 06/Mar/2020

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)	0.9 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	2.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.0 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Condition

Condition Item	Abbreviation/Remark	Remark
TnomVnom	Tnom	20°C
-	Vnom	120V

2.2 Test Channel Mode

Test Software	Dos

Non-Beamforming (4T4S)

Mode	Power Setting
802.11ac VHT20_Nss4,(MCS0)_4TX	-
5180MHz	21
5200MHz	24
5240MHz	23.5
5745MHz	24
5785MHz	24
5825MHz	24
802.11ac VHT40_Nss4,(MCS0)_4TX	-
5190MHz	19
5230MHz	23.5
5755MHz	24
5795MHz	24.5
802.11ac VHT80_Nss4,(MCS0)_4TX	-
5210MHz	18.5
5775MHz	24
802.11ax HEW20_Nss4,(MCS0)_4TX	-
5180MHz	20
5200MHz	23.5
5240MHz	23
5745MHz	24
5785MHz	24
5825MHz	24
802.11ax HEW40_Nss4,(MCS0)_4TX	-
5190MHz	15.5
5230MHz	22

Mode	Power Setting
5755MHz	23.5
5795MHz	23.5
802.11ax HEW80_Nss4,(MCS0)_4TX	-
5210MHz	15.5
5775MHz	21.5

Beamforming (4T1S)

Mode	Power Setting
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-
5180MHz	42
5200MHz	48
5240MHz	50
5745MHz	55
5785MHz	55
5825MHz	55
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-
5190MHz	40
5230MHz	43
5755MHz	57
5795MHz	57
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-
5210MHz	34
5775MHz	56
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5180MHz	48
5200MHz	49
5240MHz	46
5745MHz	56
5785MHz	56
5825MHz	56
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5190MHz	44
5230MHz	46
5755MHz	56
5795MHz	56
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5210MHz	38
5775MHz	55

2.3 The Worst Case Measurement Configuration

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

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

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	CTX
1	Adapter mode
Operating Mode > 1GHz	CTX
Orthogonal Planes of EUT	**Y Plane**

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	WLAN 2.4GHz +WLAN 5GHz
Refer to Sporton Test Report No.: FA992407 for Co-location RF Exposure Evaluation and Appendix F for Radiated Emission Co-location.	

2.4 Accessories

Accessories				
AC Adapter	**Brand Name**	ARRIS	**Model Name**	NBC56A120460VU
	Power Rating	I/P: 100-240Vac, 1.5A, O/P: 12Vdc, 4.6A		
	Power Cord	1.85 meter, non-shielded cable, w/o ferrite core		

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

2.5 Support Equipment

Support Equipment – AC Conduction (Beamforming)					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Notebook	DELL	P73G	-	Remote
2	Adapter for Notebook	DELL	LA65NM130	-	Remote

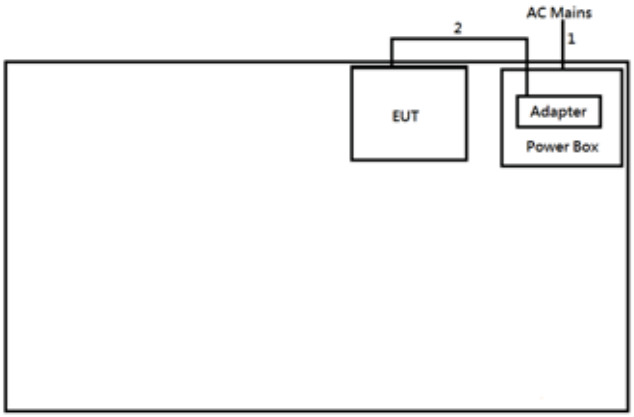
Support Equipment – Conducted (Non-Beamforming)					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Notebook	DELL	E5410	DoC	-
2	Adapter for Notebook	DELL	HA65NM130	DoC	-

Support Equipment – Conducted (Beamforming)					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Notebook	DELL	P73G	-	-
2	Adapter for Notebook	DELL	LA65NM130	DoC	-

Support Equipment – Radiated (Beamforming)					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Notebook	DELL	P73G	-	Remote
2	Adapter for Notebook	DELL	LA65NM130	-	Remote

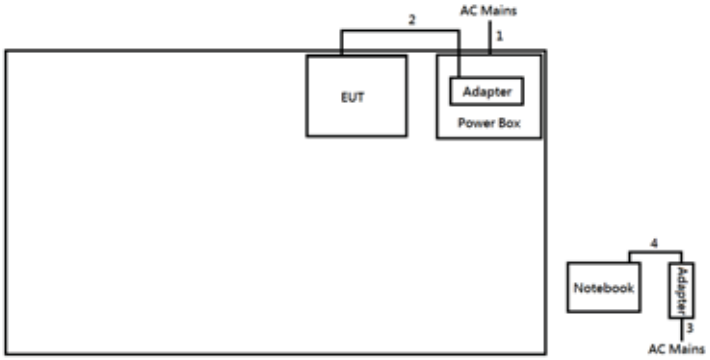
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test (Non-Beamforming)



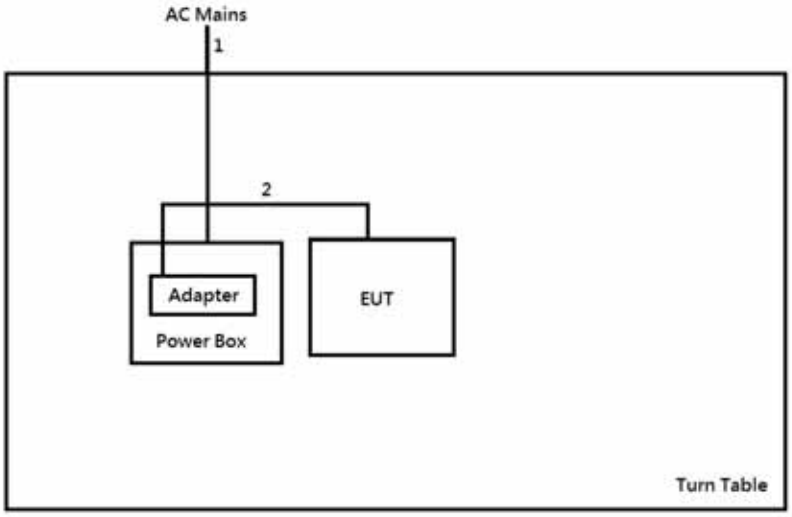
Item	Connection	Shielded	Length
1	AC Power cable	No	1.5m
2	DC Power cable	No	1.85m

Test Setup Diagram – AC Line Conducted Emission Test (Beamforming)



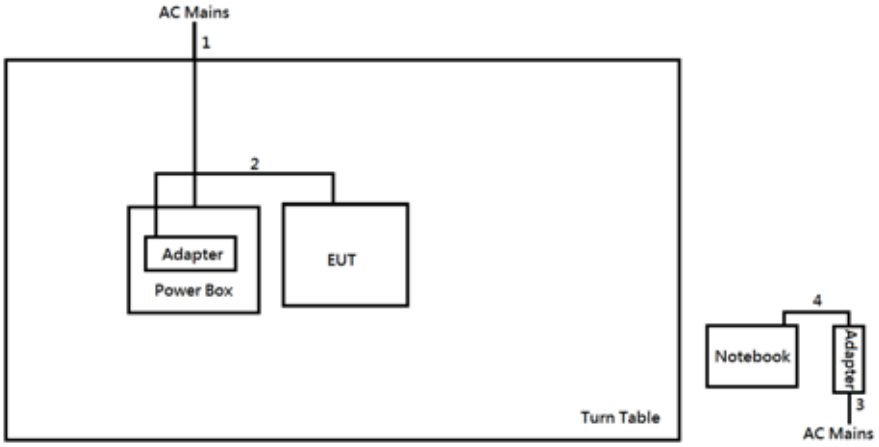
Item	Connection	Shielded	Length
1	AC Power cable	No	1.5m
2	DC Power cable	No	1.85m
3	AC Power cable	No	1.8m
4	DC Power cable	No	1.5m

Test Setup Diagram - Radiated Test (Non-Beamforming)



Item	Connection	Shielded	Length
1	AC Power cable	No	1.5m
2	DC Power cable	No	1.85m

Test Setup Diagram - Radiated Test (Beamforming)



Item	Connection	Shielded	Length
1	AC Power cable	No	1.5m
2	DC Power cable	No	1.85m
3	AC Power cable	No	1.8m
4	DC Power 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

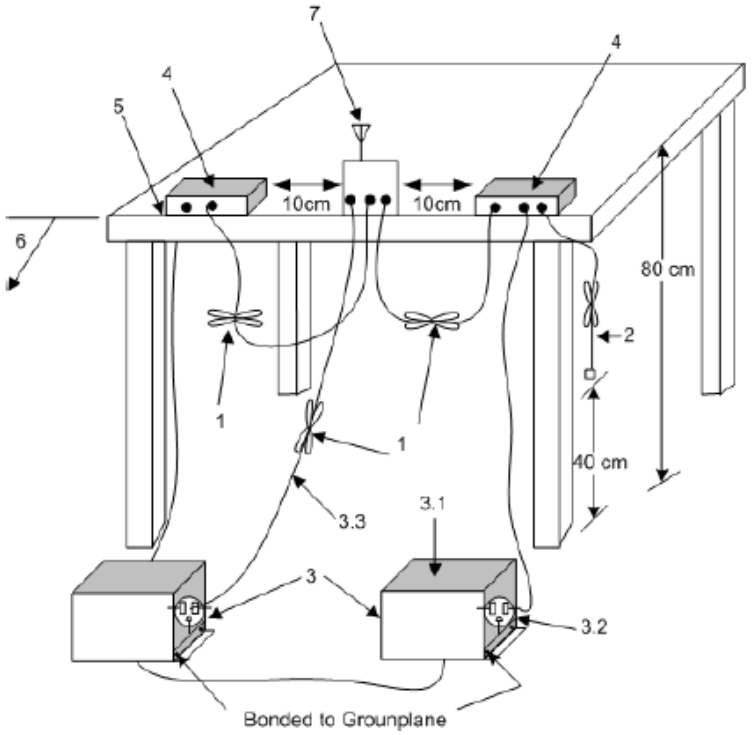
Refer a test equipment and calibration data table in this test report.

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 50Ωloads. 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, N/A
☐ For the 5.47-5.725 GHz band, N/A
☒ For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz.

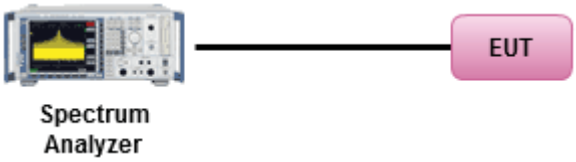
3.2.2 Measuring Instruments

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 KDB 789033, clause C for EBW and clause D for OBW measurement.
	☐ Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.
	☐ Refer as IC RSS-Gen, clause 6.7 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.
P_{Out} = maximum conducted output power in dBm, **G_{TX}** = the maximum transmitting antenna directional gain in dBi.	

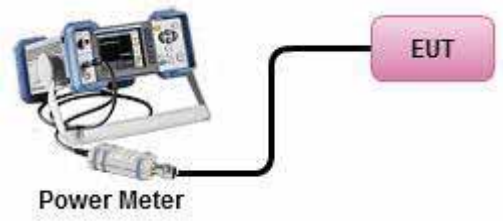
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
▪ Maximum Conducted Output Power	
	Duty cycle ≥ 98%
	☐ Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle < 98%
	☐ Refer as 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 KDB 789033, clause E Method PM (using an RF average power meter).
▪ For conducted measurement.	
	▪ If the EUT supports multiple transmit chains using options given below: Refer as 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 (Power Meter)


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.
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.	

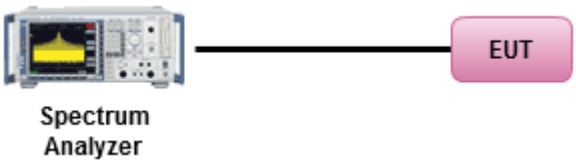
3.4.2 Measuring Instruments

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 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%	
	☒ Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).	
	Duty cycle < 98%	
	☒ Refer as 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:	
		▪ Measure and sum the spectra across the outputs. Refer as 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.
	▪	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	5.650-5700 GHz: e.i.r.p. -27 ~ 10 dBm [68.2 ~ 105.2 dBuV/m@3m] 5.700-5720 GHz: e.i.r.p. 10 ~ 15.6 dBm [105.2 ~ 110.8 dBuV/m@3m] 5.720-5725 GHz: e.i.r.p. 15.6 ~ 27 dBm [110.8 ~ 122.2 dBuV/m@3m] 5.850-5.855 GHz: e.i.r.p. 27 ~ 15.6 dBm [122.2 ~ 110.8 dBuV/m@3m] 5.855-5.875 GHz: e.i.r.p. 15.6 ~ 10 dBm [110.8 ~ 105.2 dBuV/m@3m] 5.875-5.925 GHz: e.i.r.p. 10 ~ -27 dBm [105.2 ~ 68.2dBuV/m@3m] Other un-restricted band: e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
Note 1: Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	

3.5.2 Measuring Instruments

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

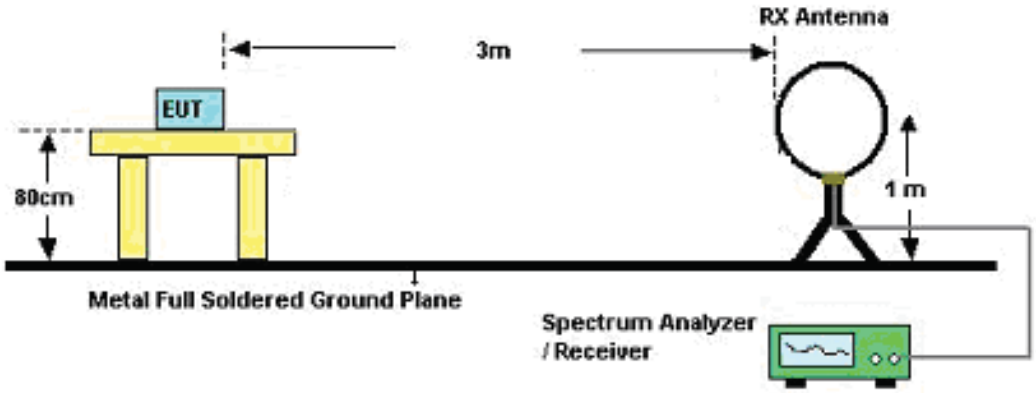
3.5.3 Test Procedures

Test Method
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].
▪ For the transmitter unwanted emissions shall be measured using following options below:
▪ Refer as KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
▪ Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.
☒ Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW.
☒ Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.4.2.2), 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.
▪ Use the following spectrum analyzer settings:
▪ Set RBW=100 kHz for f < 1 GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
▪ Set RBW = 1 MHz, VBW= 3MHz for f ≥ 1 GHz for peak measurement. For average measurement, refer as 1.1.4.
▪ KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.
▪ Based on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
▪ Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

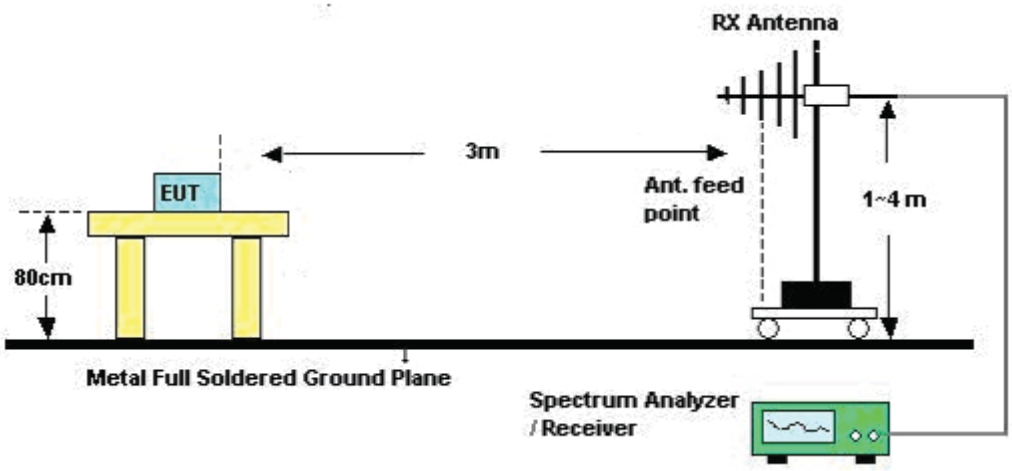
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

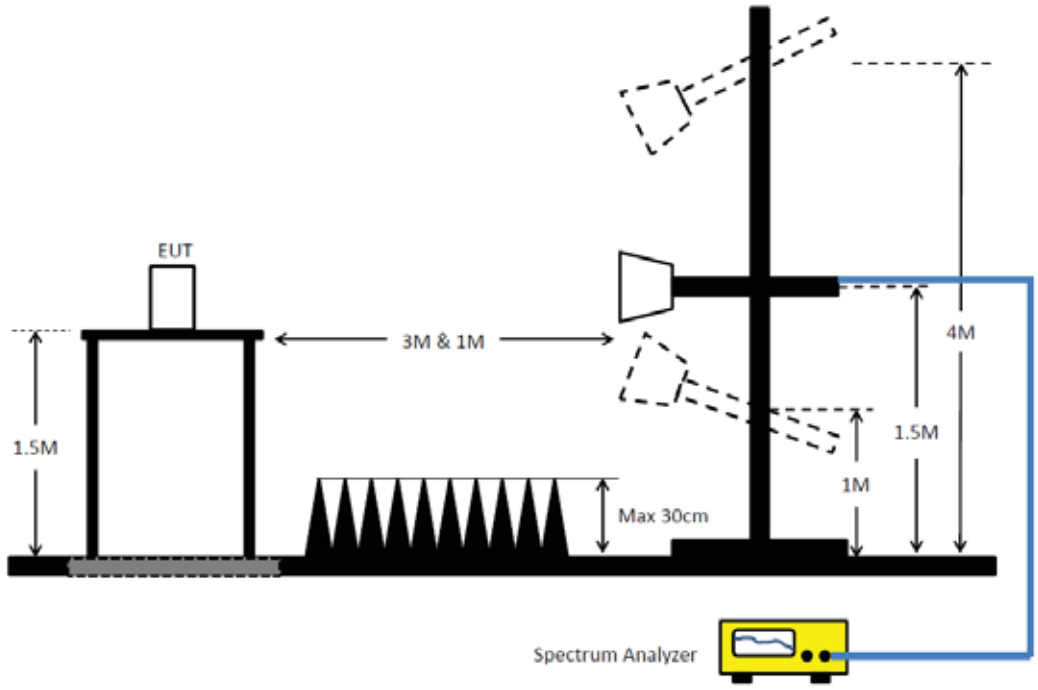
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.5.5 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMC Receiver	R&S	ESR3	102052	9kHz ~ 3.6GHz	09/Apr/2019	08/Apr/2020
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	04/Nov/2019	05/Nov/2020
RF Cable-CON	MTJ	RG142	CB002-CO	9kHz ~ 200MHz	12/Sep/2019	11/Sep/2020
AC POWER	APC	AFC-11005G	F310050055	47Hz~63Hz 5~300V	NCR	NCR
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9 kHz ~ 30 MHz	24/Sep/2019	23/Sep/2020

NCR: Non-Calibration Require

Instrument for Conducted Test

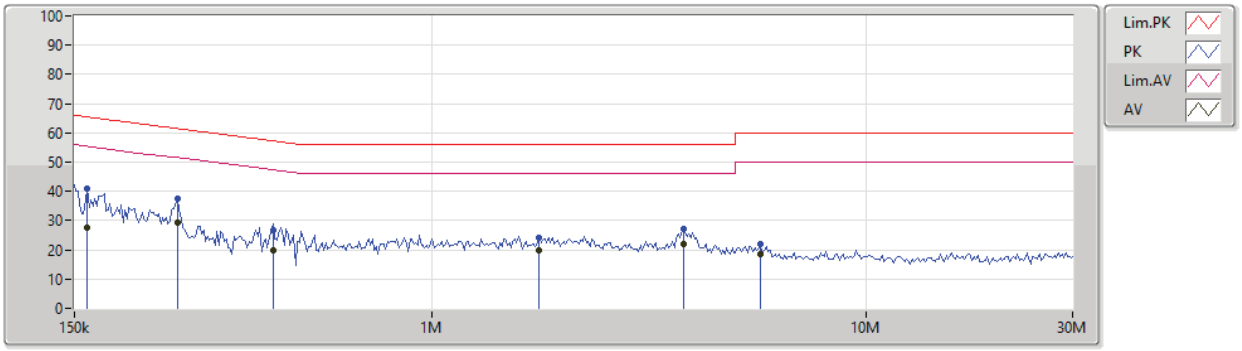
Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101029	10kHz ~ 40GHz	01/Oct/2019	30/Sep/2020
Pulse Power Sensor	Anritsu	MA2411B	1027452	300MHz ~ 40GHz	14/Mar/2019	13/Mar/2020
Power Meter	Anritsu	ML2495A	1124009	300MHz ~ 40GHz	14/Mar/2019	13/Mar/2020
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	12/Nov/2018	10/Nov/2020
CABLE 0.2m	HUBER	329022/4	RF Cable - 02	30 to 1000MHz 1 to 18GHz	02/Apr/2019	01/Apr/2020
CABLE 0.2m	HUBER	329013/3	RF Cable - 18	30 to 1000MHz 1 to 18GHz	02/Apr/2019	01/Apr/2020
CABLE 0.5m	HUBER	MY39476/4	RF Cable - 47	30 to 1000MHz 1 to 18GHz	02/Apr/2019	01/Apr/2020

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz ~ 1GHz 3m	30/Aug/2019	29/Aug/2020
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz ~ 18GHz 3m	30/Aug/2019	29/Aug/2020
Amplifier	HP	8447D	2944A08033	10kHz ~ 1.3GHz	22/Apr/2019	21/Apr/2020
EMI Test Receiver	R&S	ESR3	102052	9kHz ~ 3.6GHz	09/Apr/2019	08/Apr/2020
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112D / MTJ6102-05	2678 / 001	30MHz ~ 1GHz	06/Jul/2019	05/Jul/2020
Microwave System Preamplifier	KEYSIGHT	83017A	MY53270196	1GHz ~ 26.5GHz	09/Sep/2019	08/Sep/2020
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	08/Nov/2019	07/Nov/2020
Signal Analyzer	R&S	FSP40	100305	9 kHz ~ 40 GHz	10/Jun/2019	09/Jun/2020
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz ~ 1GHz	22/Mar/2019	21/Mar/2020
RF CABLE 6m	HUBER+SUHNER	SUOFLEX 104	SN 805801/4	1GHz ~ 40GHz	21/Mar/2019	20/Mar/2020
RF CABLE	HUBER+SUHNER	SUOFLEX 104	802378/4	1 GHz ~ 18 GHz	04/Jul/2019	03/Jul/2020
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz ~ 18GHz	09/Mar/2019	08/Mar/2020
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz ~ 40GHz	22/Mar/2019	21/Mar/2020
Loop Antenna	TESEQ	HLA 6120	31244	9k-30MHz	15/Mar/2019	14/Mar/2020

AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	Adapter mode		

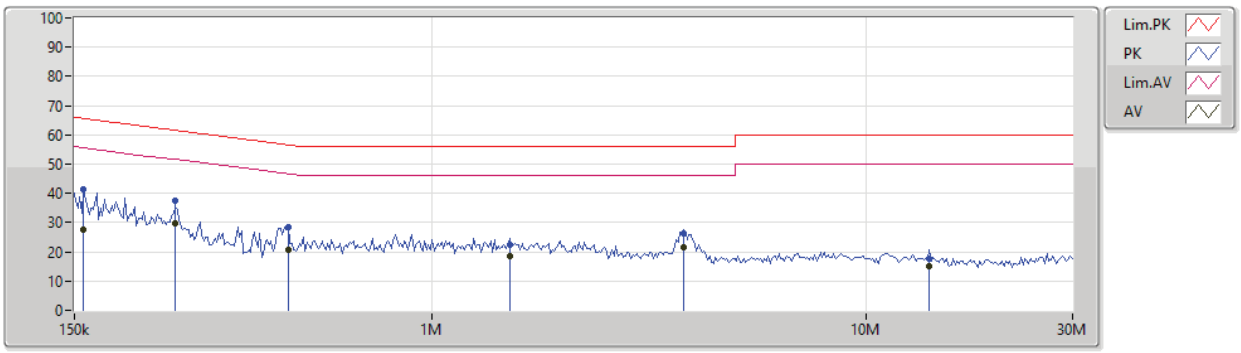
25/02/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	160.82k	40.94	65.43	-24.49	19.63	Neutral	-	21.31	9.65	0.11	9.87
AV	160.82k	27.56	55.43	-27.87	19.63	Neutral	-	7.93	9.65	0.11	9.87
QP	259.279k	37.49	61.45	-23.96	19.63	Neutral	-	17.86	9.64	0.12	9.87
AV	259.279k	29.12	51.45	-22.33	19.63	Neutral	"Worst"	9.49	9.64	0.12	9.87
QP	430.682k	26.68	57.24	-30.56	19.63	Neutral	-	7.05	9.63	0.13	9.87
AV	430.682k	19.97	47.24	-27.27	19.63	Neutral	-	0.34	9.63	0.13	9.87
QP	1.769M	24.22	56.00	-31.78	19.66	Neutral	-	4.56	9.65	0.14	9.87
AV	1.769M	19.67	46.00	-26.33	19.66	Neutral	-	0.01	9.65	0.14	9.87
QP	3.807M	27.30	56.00	-28.70	19.72	Neutral	-	7.58	9.66	0.18	9.88
AV	3.807M	22.14	46.00	-23.86	19.72	Neutral	-	2.42	9.66	0.18	9.88
QP	5.724M	21.80	60.00	-38.20	19.77	Neutral	-	2.03	9.68	0.21	9.88
AV	5.724M	18.63	50.00	-31.37	19.77	Neutral	-	-1.14	9.68	0.21	9.88

AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Line
Operating Function	Adapter mode		

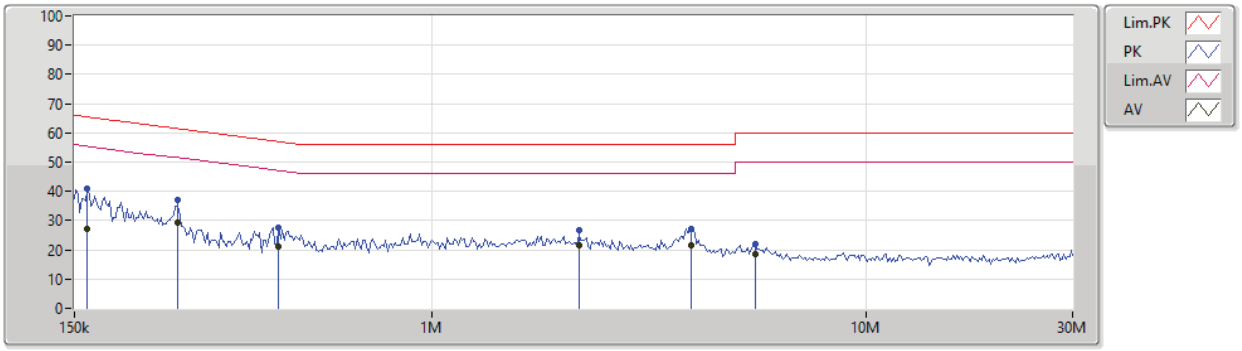
25/02/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	157.652k	41.54	65.58	-24.04	19.64	Line	-	21.90	9.66	0.11	9.87
AV	157.652k	27.61	55.58	-27.97	19.64	Line	-	7.97	9.66	0.11	9.87
QP	256.712k	37.60	61.54	-23.94	19.64	Line	-	17.96	9.65	0.12	9.87
AV	256.712k	29.57	51.54	-21.97	19.64	Line	"Worst"	9.93	9.65	0.12	9.87
QP	466.367k	28.55	56.57	-28.02	19.64	Line	-	8.91	9.64	0.13	9.87
AV	466.367k	20.86	46.57	-25.71	19.64	Line	-	1.22	9.64	0.13	9.87
QP	1.509M	22.31	56.00	-33.69	19.65	Line	-	2.66	9.65	0.13	9.87
AV	1.509M	18.65	46.00	-27.35	19.65	Line	-	-1.00	9.65	0.13	9.87
QP	3.807M	26.38	56.00	-29.62	19.72	Line	-	6.66	9.66	0.18	9.88
AV	3.807M	21.58	46.00	-24.42	19.72	Line	-	1.86	9.66	0.18	9.88
QP	14.016M	17.87	60.00	-42.13	19.85	Line	-	-1.98	9.67	0.30	9.88
AV	14.016M	15.23	50.00	-34.77	19.85	Line	-	-4.62	9.67	0.30	9.88

AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	Adapter mode		

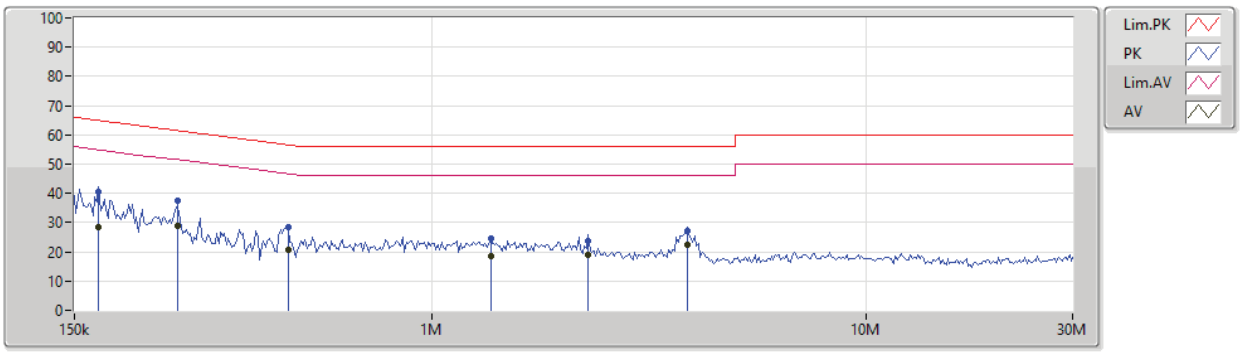
25/02/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	160.82k	40.81	65.43	-24.62	19.63	Neutral	-	21.18	9.65	0.11	9.87
AV	160.82k	27.15	55.43	-28.28	19.63	Neutral	-	7.52	9.65	0.11	9.87
QP	259.279k	37.22	61.45	-24.23	19.63	Neutral	-	17.59	9.64	0.12	9.87
AV	259.279k	29.13	51.45	-22.32	19.63	Neutral	"Worst"	9.50	9.64	0.12	9.87
QP	443.732k	27.50	56.99	-29.49	19.63	Neutral	-	7.87	9.63	0.13	9.87
AV	443.732k	20.97	46.99	-26.02	19.63	Neutral	-	1.34	9.63	0.13	9.87
QP	2.18M	26.93	56.00	-29.07	19.67	Neutral	-	7.26	9.65	0.15	9.87
AV	2.18M	21.35	46.00	-24.65	19.67	Neutral	-	1.68	9.65	0.15	9.87
QP	3.961M	27.02	56.00	-28.98	19.73	Neutral	-	7.29	9.66	0.19	9.88
AV	3.961M	21.73	46.00	-24.27	19.73	Neutral	-	2.00	9.66	0.19	9.88
QP	5.556M	22.08	60.00	-37.92	19.76	Neutral	-	2.32	9.67	0.21	9.88
AV	5.556M	18.39	50.00	-31.61	19.76	Neutral	-	-1.37	9.67	0.21	9.88

AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Line
Operating Function	Adapter mode		

25/02/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	170.714k	40.31	64.93	-24.62	19.64	Line	-	20.67	9.66	0.11	9.87
AV	170.714k	28.53	54.93	-26.40	19.64	Line	-	8.89	9.66	0.11	9.87
QP	259.279k	37.51	61.45	-23.94	19.64	Line	-	17.87	9.65	0.12	9.87
AV	259.279k	28.95	51.45	-22.50	19.64	Line	"Worst"	9.31	9.65	0.12	9.87
QP	466.367k	28.39	56.57	-28.18	19.64	Line	-	8.75	9.64	0.13	9.87
AV	466.367k	20.61	46.57	-25.96	19.64	Line	-	0.97	9.64	0.13	9.87
QP	1.366M	24.50	56.00	-31.50	19.65	Line	-	4.85	9.64	0.13	9.88
AV	1.366M	18.70	46.00	-27.30	19.65	Line	-	-0.95	9.64	0.13	9.88
QP	2.292M	23.70	56.00	-32.30	19.68	Line	-	4.02	9.65	0.16	9.87
AV	2.292M	18.76	46.00	-27.24	19.68	Line	-	-0.92	9.65	0.16	9.87
QP	3.883M	27.07	56.00	-28.93	19.73	Line	-	7.34	9.66	0.19	9.88
AV	3.883M	22.36	46.00	-23.64	19.73	Line	-	2.63	9.66	0.19	9.88

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	37.65M	19.52M	19M5D1D	26.4M	17.991M
802.11ac VHT40_Nss4,(MCS0)_4TX	73.14M	37.961M	38M0D1D	50.76M	36.762M
802.11ac VHT80_Nss4,(MCS0)_4TX	95.28M	76.282M	76M3D1D	93.36M	76.162M
802.11ax HEW20_Nss4,(MCS0)_4TX	35.34M	19.49M	19M5D1D	20.88M	18.951M
802.11ax HEW40_Nss4,(MCS0)_4TX	59.34M	38.501M	38M5D1D	44.58M	37.961M
802.11ax HEW80_Nss4,(MCS0)_4TX	88.8M	77.961M	78M0D1D	84.24M	77.601M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	17.82M	18.861M	18M9D1D	17.76M	18.201M
802.11ac VHT40_Nss4,(MCS0)_4TX	36.6M	37.541M	37M5D1D	36.36M	36.822M
802.11ac VHT80_Nss4,(MCS0)_4TX	76.56M	76.882M	76M9D1D	76.44M	76.522M
802.11ax HEW20_Nss4,(MCS0)_4TX	19.08M	19.46M	19M5D1D	18.84M	18.981M
802.11ax HEW40_Nss4,(MCS0)_4TX	38.22M	38.441M	38M4D1D	37.98M	38.021M
802.11ax HEW80_Nss4,(MCS0)_4TX	78.12M	78.561M	78M6D1D	78M	77.961M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum99% 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

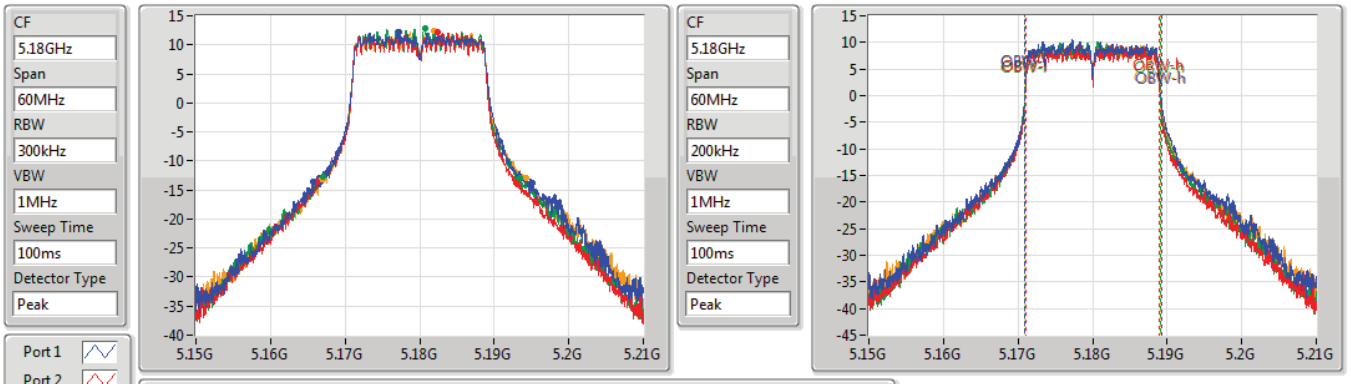
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ac VHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	29.52M	18.261M	26.76M	17.991M	26.4M	18.081M	27.57M	18.201M
5200MHz	Pass	Inf	36.6M	18.891M	36.33M	18.531M	31.92M	18.561M	37.41M	19.46M
5240MHz	Pass	Inf	37.65M	19.1M	36.72M	18.981M	37.62M	19.52M	33.03M	18.531M
5745MHz	Pass	500k	17.76M	18.231M	17.76M	18.231M	17.76M	18.861M	17.82M	18.471M
5785MHz	Pass	500k	17.76M	18.261M	17.76M	18.231M	17.76M	18.831M	17.79M	18.471M
5825MHz	Pass	500k	17.76M	18.231M	17.76M	18.201M	17.76M	18.801M	17.82M	18.501M
802.11ac VHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	53.34M	37.301M	50.76M	36.882M	54.3M	37.061M	52.32M	36.762M
5230MHz	Pass	Inf	73.14M	37.961M	72.9M	37.901M	72.9M	37.721M	72.78M	37.241M
5755MHz	Pass	500k	36.6M	37.301M	36.42M	36.822M	36.54M	36.882M	36.36M	36.942M
5795MHz	Pass	500k	36.54M	37.541M	36.48M	37.001M	36.48M	36.942M	36.42M	37.301M
802.11ac VHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	94.56M	76.282M	93.6M	76.162M	95.28M	76.162M	93.36M	76.162M
5775MHz	Pass	500k	76.56M	76.882M	76.56M	76.642M	76.56M	76.522M	76.44M	76.762M
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	20.88M	18.981M	21.12M	18.951M	23.67M	19.04M	22.71M	19.19M
5200MHz	Pass	Inf	28.05M	19.1M	23.7M	19.22M	23.28M	19.13M	31.68M	19.49M
5240MHz	Pass	Inf	21.54M	19.01M	28.56M	19.1M	27.45M	19.19M	35.34M	19.37M
5745MHz	Pass	500k	18.99M	19.04M	19.02M	19.46M	19.08M	19.07M	19.05M	19.1M
5785MHz	Pass	500k	18.93M	18.981M	19.05M	19.1M	19.05M	19.04M	19.05M	19.07M
5825MHz	Pass	500k	19.02M	19.13M	19.08M	19.16M	18.84M	19.04M	19.08M	19.07M
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	45.6M	38.261M	45.12M	38.321M	47.46M	38.441M	44.58M	37.961M
5230MHz	Pass	Inf	59.34M	38.141M	49.74M	38.321M	52.14M	38.501M	48.6M	38.201M
5755MHz	Pass	500k	38.04M	38.021M	38.16M	38.261M	38.22M	38.441M	38.22M	38.441M
5795MHz	Pass	500k	37.98M	38.021M	38.22M	38.441M	38.1M	38.141M	38.16M	38.081M
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	88.8M	77.961M	87.36M	77.841M	84.24M	77.601M	87.6M	77.601M
5775MHz	Pass	500k	78M	78.201M	78.12M	78.561M	78.12M	78.081M	78M	77.961M

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;

802.11ac VHT20_Nss4,(MCS0)_4TX EBW

5180MHz

31/12/2019

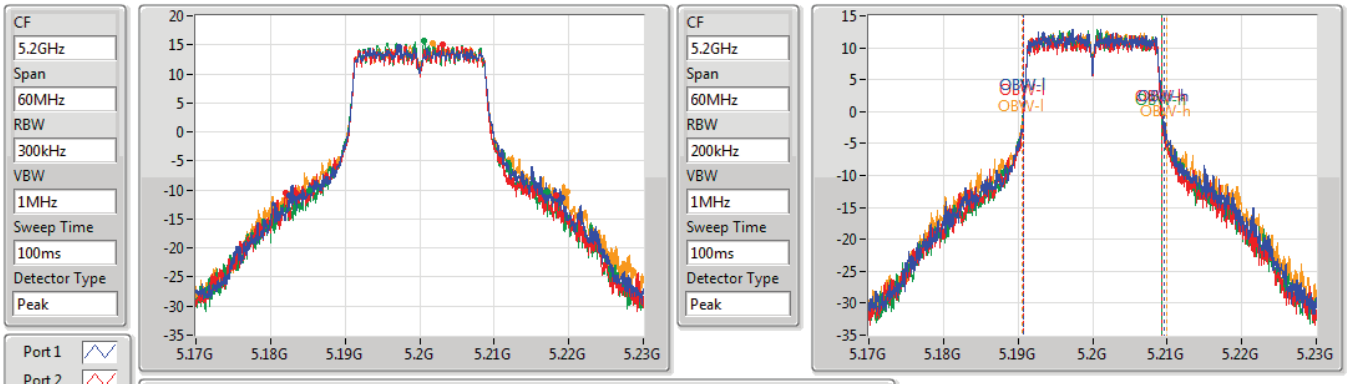


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
29.52M	5.16566G	5.19518G	18.261M	5.170975G	5.189235G	Inf	1
26.76M	5.16617G	5.19293G	17.991M	5.171004G	5.188996G	Inf	2
26.4M	5.16707G	5.19347G	18.081M	5.170975G	5.189055G	Inf	3
27.57M	5.1668G	5.19437G	18.201M	5.170975G	5.189175G	Inf	4

802.11ac VHT20_Nss4,(MCS0)_4TX EBW

5200MHz

31/12/2019

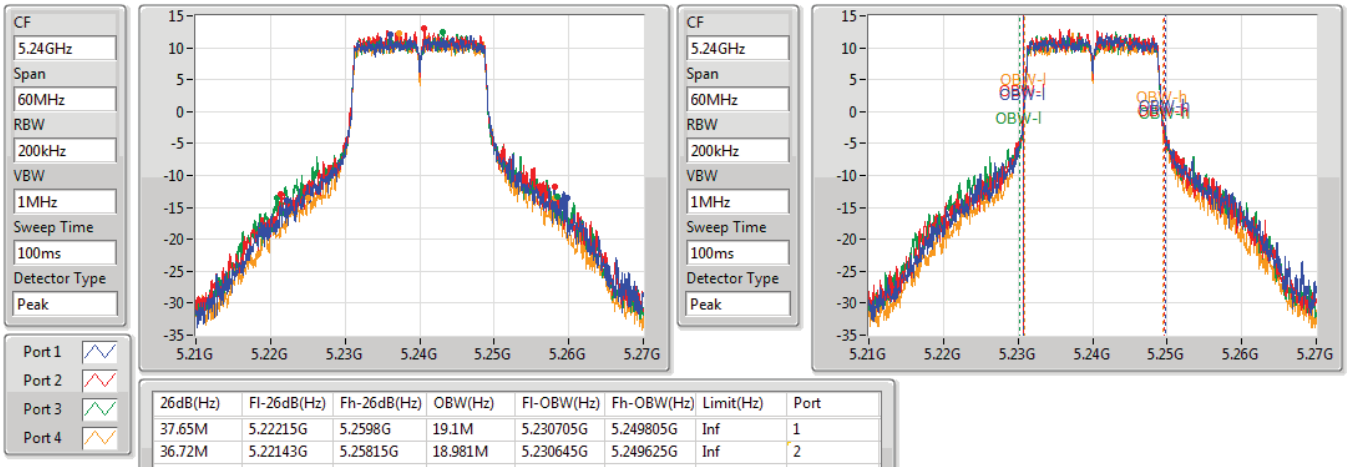


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.6M	5.18248G	5.21908G	18.891M	5.190795G	5.209685G	Inf	1
36.33M	5.182G	5.21833G	18.531M	5.190765G	5.209295G	Inf	2
31.92M	5.18518G	5.2171G	18.561M	5.190795G	5.209355G	Inf	3
37.41M	5.18239G	5.2198G	19.46M	5.190495G	5.209955G	Inf	4

802.11ac VHT20_Nss4,(MCS0)_4TX EBW

5240MHz

04/01/2020

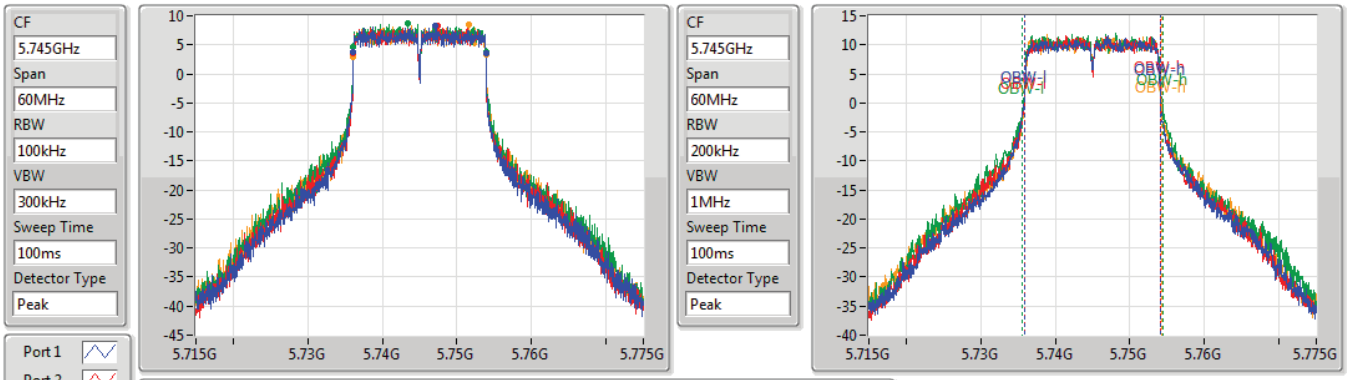


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.65M	5.22215G	5.2598G	19.1M	5.230705G	5.249805G	Inf	1
36.72M	5.22143G	5.25815G	18.981M	5.230645G	5.249625G	Inf	2
37.62M	5.22083G	5.25845G	19.52M	5.230225G	5.249745G	Inf	3
33.03M	5.22512G	5.25815G	18.531M	5.230885G	5.249415G	Inf	4

802.11ac VHT20_Nss4,(MCS0)_4TX EBW

5745MHz

17/12/2019

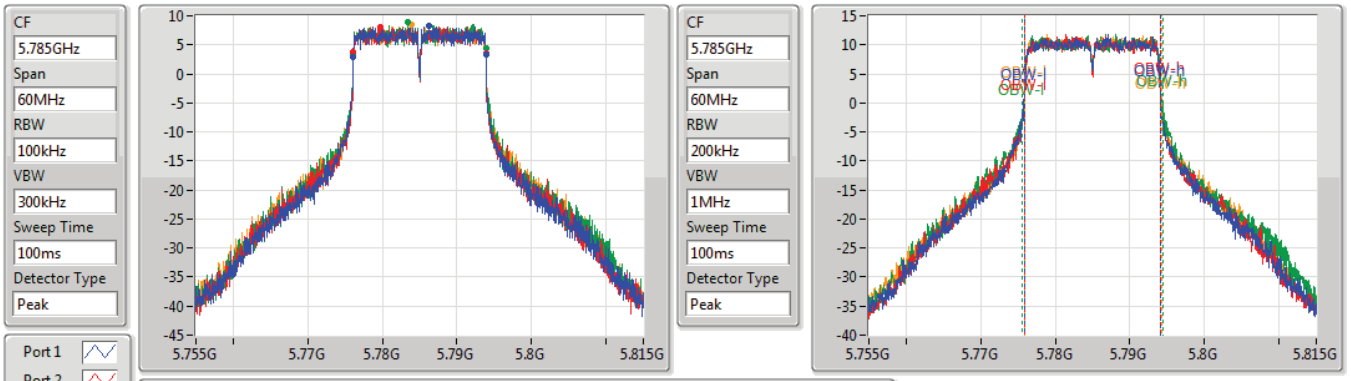


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.76M	5.73612G	5.75388G	18.231M	5.735825G	5.754055G	500k	1
17.76M	5.73612G	5.75388G	18.231M	5.735825G	5.754055G	500k	2
17.76M	5.73612G	5.75388G	18.861M	5.735525G	5.754385G	500k	3
17.82M	5.73609G	5.75391G	18.471M	5.735885G	5.754355G	500k	4

802.11ac VHT20_Nss4,(MCS0)_4TX EBW

5785MHz

17/12/2019

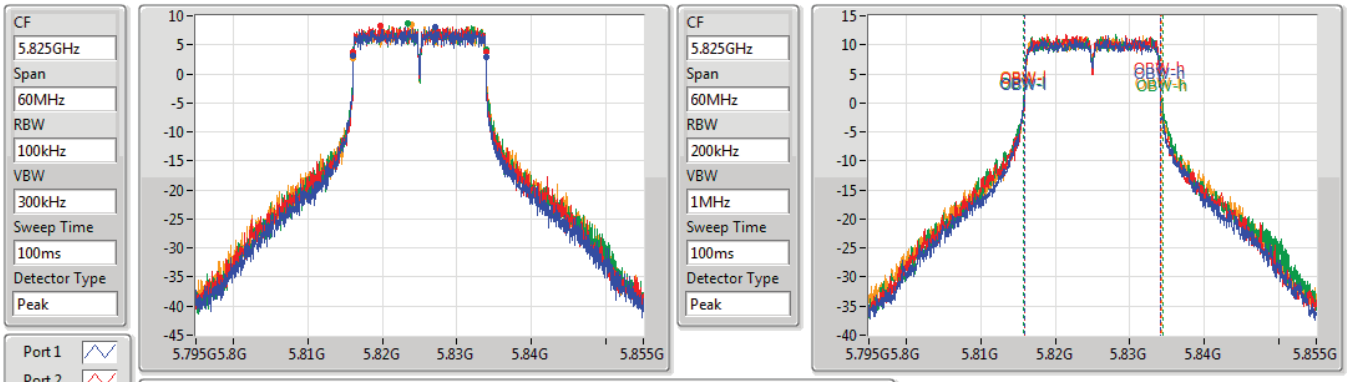


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.76M	5.77612G	5.79388G	18.261M	5.775825G	5.794085G	500k	1
17.76M	5.77612G	5.79388G	18.231M	5.775825G	5.794055G	500k	2
17.76M	5.77612G	5.79388G	18.831M	5.775615G	5.794445G	500k	3
17.79M	5.77612G	5.79391G	18.471M	5.775885G	5.794355G	500k	4

802.11ac VHT20_Nss4,(MCS0)_4TX EBW

5825MHz

17/12/2019

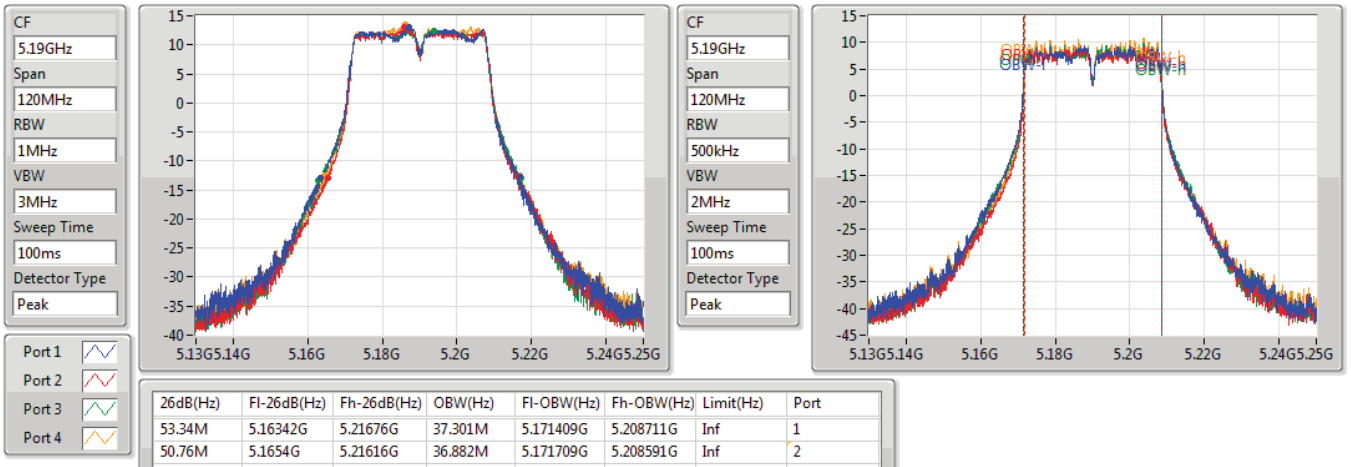


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.76M	5.81612G	5.83388G	18.231M	5.815825G	5.834055G	500k	1
17.76M	5.81612G	5.83388G	18.201M	5.815855G	5.834055G	500k	2
17.76M	5.81612G	5.83388G	18.801M	5.815675G	5.834475G	500k	3
17.82M	5.81609G	5.83391G	18.501M	5.815855G	5.834355G	500k	4

802.11ac VHT40_Nss4,(MCS0)_4TX EBW

5190MHz

31/12/2019

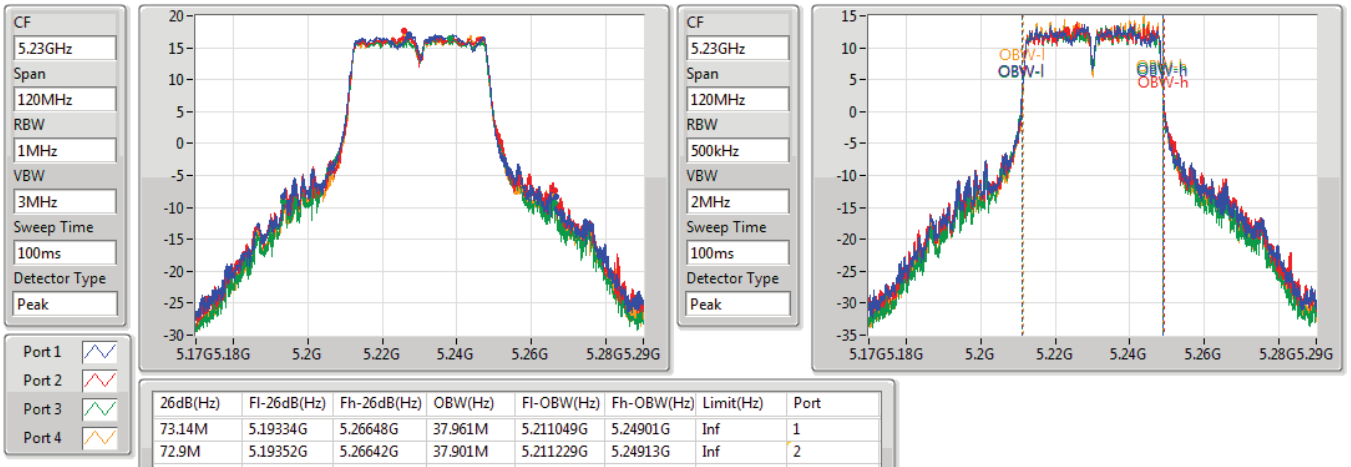


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
53.34M	5.16342G	5.21676G	37.301M	5.171409G	5.208711G	Inf	1
50.76M	5.1654G	5.21616G	36.882M	5.171709G	5.208591G	Inf	2
54.3M	5.16288G	5.21718G	37.061M	5.171589G	5.208651G	Inf	3
52.32M	5.16456G	5.21688G	36.762M	5.171769G	5.208531G	Inf	4

802.11ac VHT40_Nss4,(MCS0)_4TX EBW

5230MHz

31/12/2019

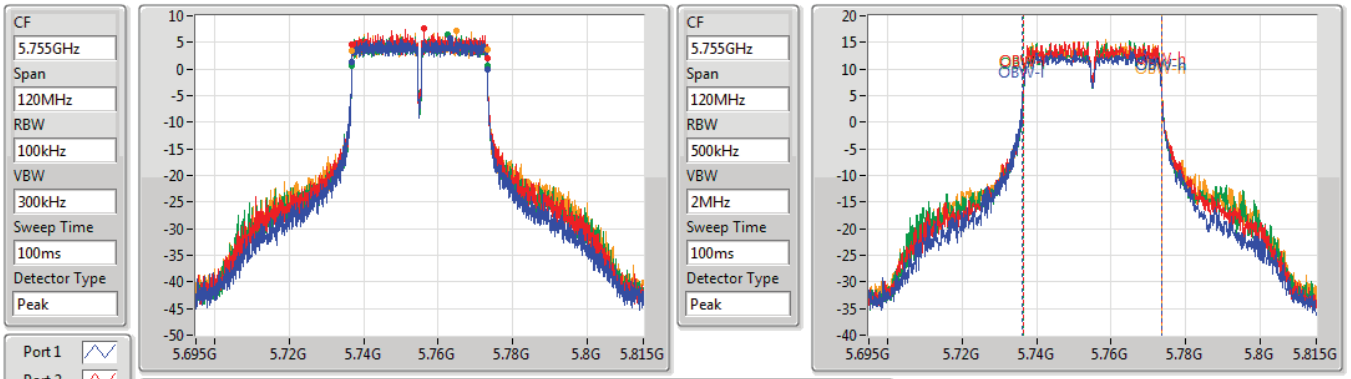


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
73.14M	5.19334G	5.26648G	37.961M	5.211049G	5.24901G	Inf	1
72.9M	5.19352G	5.26642G	37.901M	5.211229G	5.24913G	Inf	2
72.9M	5.19352G	5.26642G	37.721M	5.211169G	5.248891G	Inf	3
72.78M	5.19352G	5.2663G	37.241M	5.211529G	5.248771G	Inf	4

802.11ac VHT40_Nss4,(MCS0)_4TX EBW

5755MHz

31/12/2019

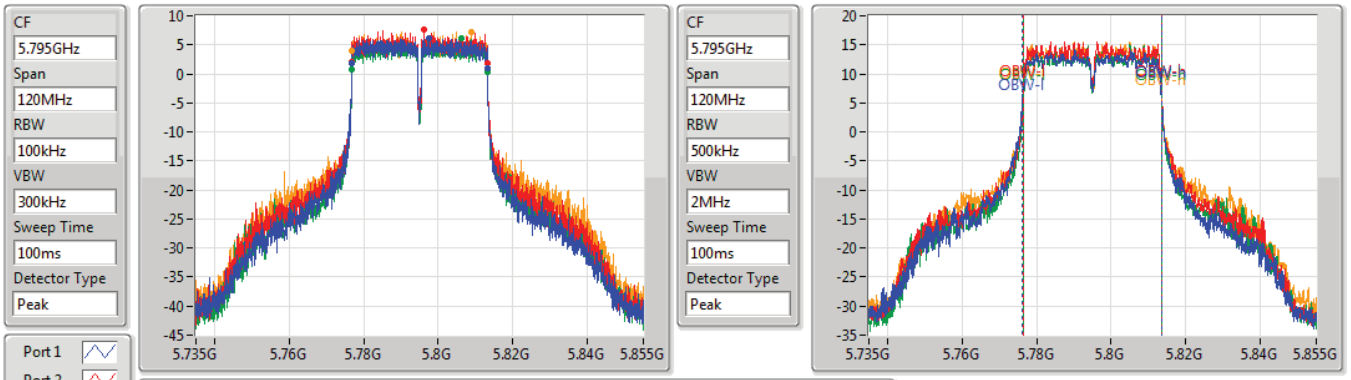


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.6M	5.7367G	5.7733G	37.301M	5.736169G	5.773471G	500k	1
36.42M	5.73682G	5.77324G	36.822M	5.736589G	5.773411G	500k	2
36.54M	5.7367G	5.77324G	36.882M	5.736589G	5.773471G	500k	3
36.36M	5.73682G	5.77318G	36.942M	5.736529G	5.773471G	500k	4

802.11ac VHT40_Nss4,(MCS0)_4TX EBW

5795MHz

31/12/2019

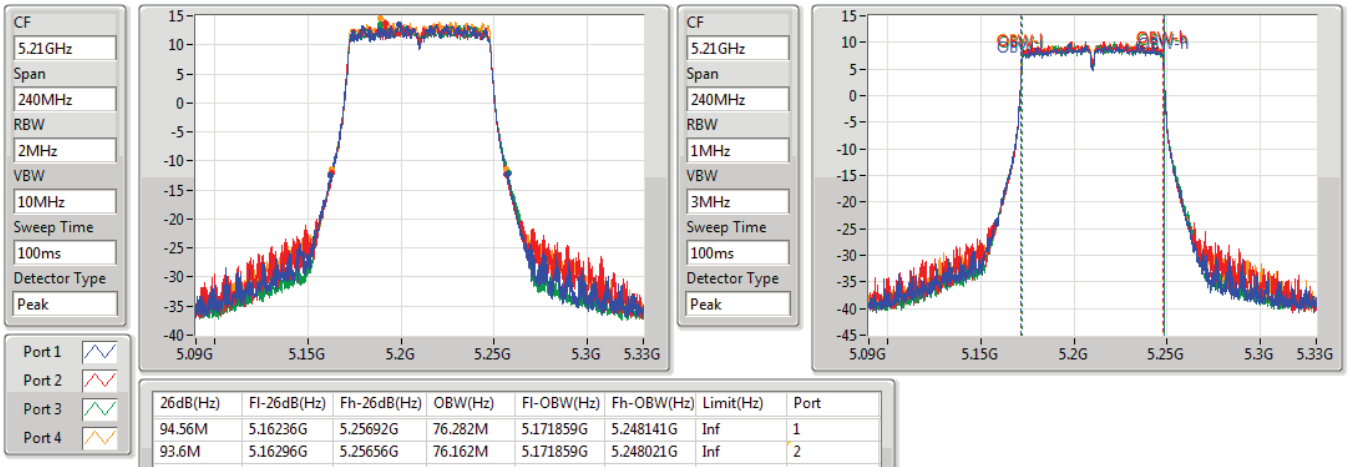


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.54M	5.7767G	5.81324G	37.541M	5.77599G	5.813531G	500k	1
36.48M	5.77676G	5.81324G	37.001M	5.776469G	5.813471G	500k	2
36.48M	5.77676G	5.81324G	36.942M	5.776529G	5.813471G	500k	3
36.42M	5.77682G	5.81324G	37.301M	5.776349G	5.813651G	500k	4

802.11ac VHT80_Nss4,(MCS0)_4TX EBW

5210MHz

31/12/2019

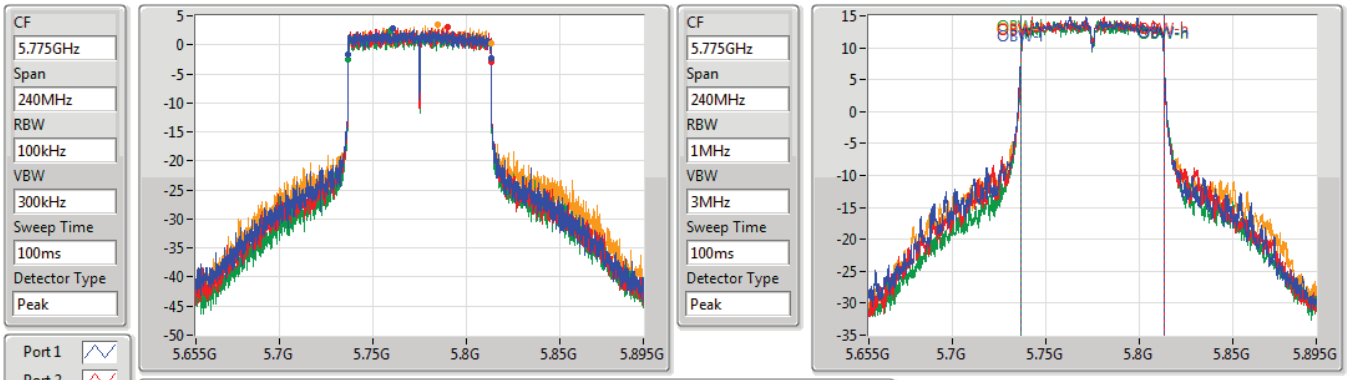


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
94.56M	5.16236G	5.25692G	76.282M	5.171859G	5.248141G	Inf	1
93.6M	5.16296G	5.25656G	76.162M	5.171859G	5.248021G	Inf	2
95.28M	5.16224G	5.25752G	76.162M	5.171979G	5.248141G	Inf	3
93.36M	5.16308G	5.25644G	76.162M	5.171859G	5.248021G	Inf	4

802.11ac VHT80_Nss4,(MCS0)_4TX EBW

5775MHz

31/12/2019

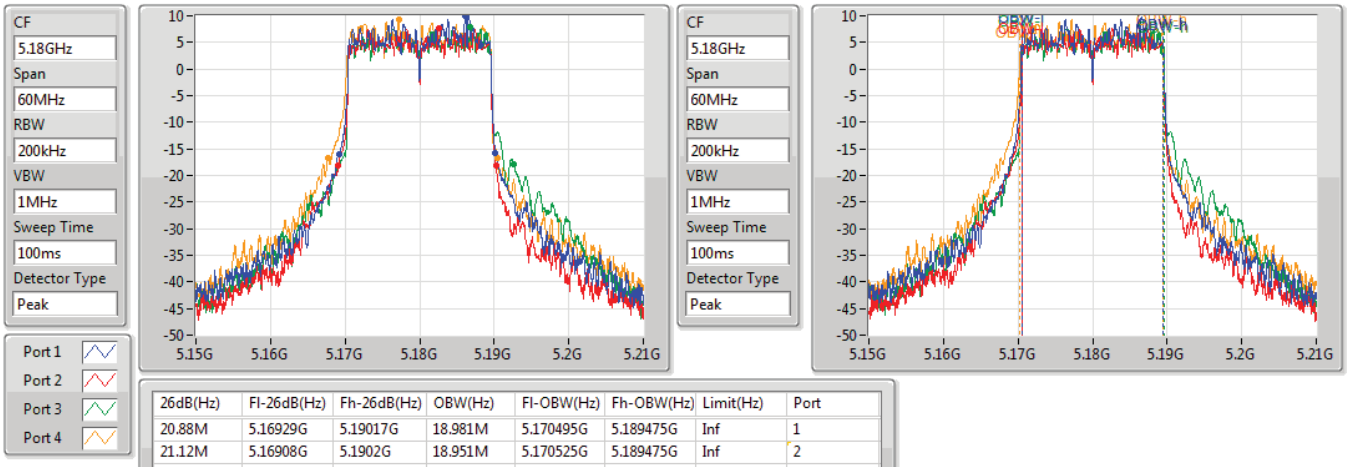


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.56M	5.73672G	5.81328G	76.882M	5.736379G	5.813261G	500k	1
76.56M	5.73672G	5.81328G	76.642M	5.736619G	5.813261G	500k	2
76.56M	5.73672G	5.81328G	76.522M	5.736859G	5.813381G	500k	3
76.44M	5.73672G	5.81316G	76.762M	5.736619G	5.813381G	500k	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

5180MHz

17/12/2019

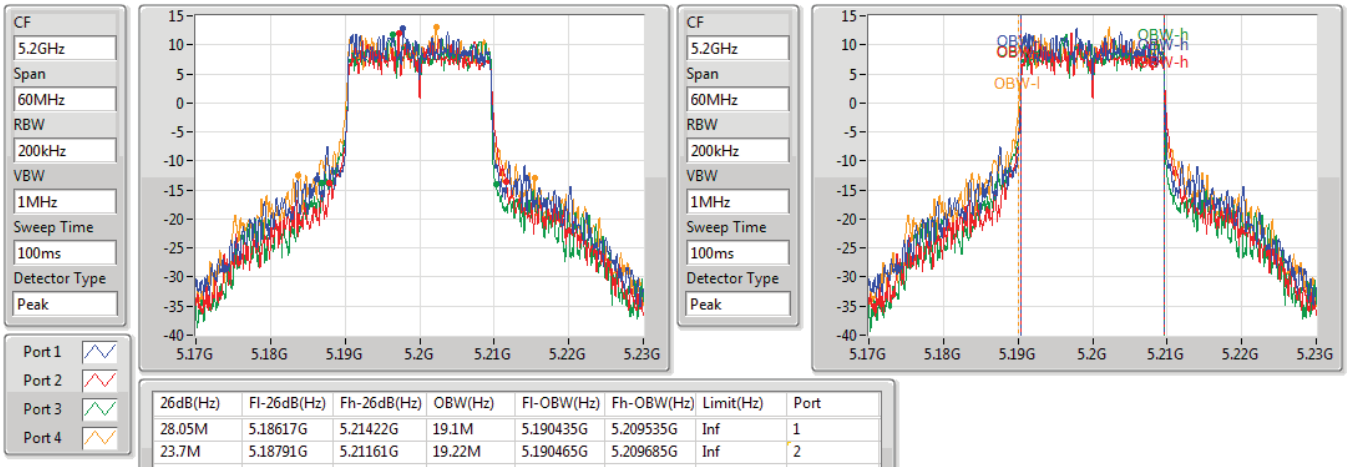


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.88M	5.16929G	5.19017G	18.981M	5.170495G	5.189475G	Inf	1
21.12M	5.16908G	5.1902G	18.951M	5.170525G	5.189475G	Inf	2
23.67M	5.16899G	5.19266G	19.04M	5.170495G	5.189535G	Inf	3
22.71M	5.16767G	5.19038G	19.19M	5.170285G	5.189475G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

5200MHz

17/12/2019

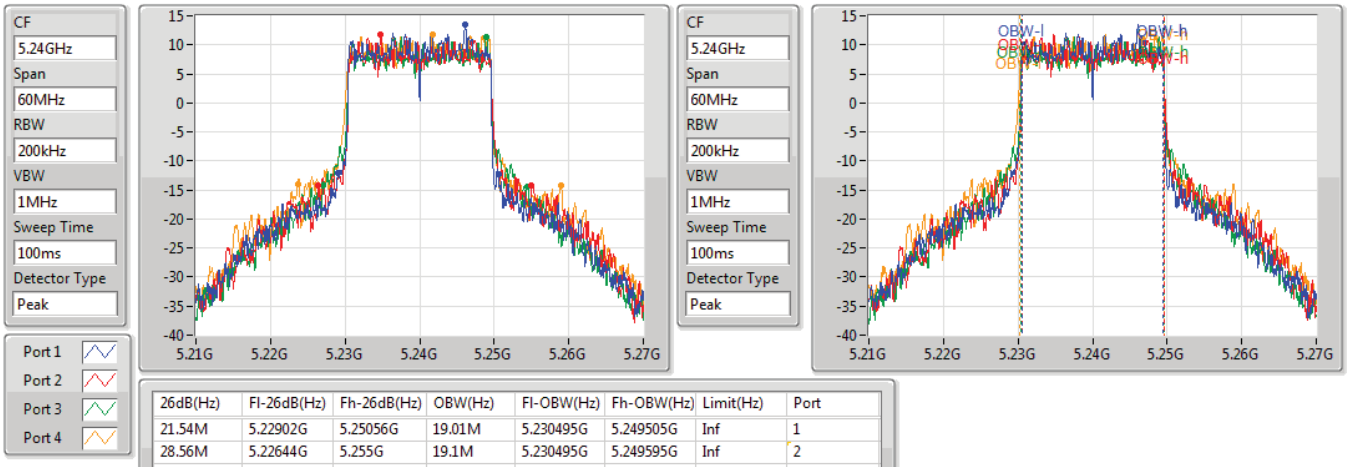


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.05M	5.18617G	5.21422G	19.1M	5.190435G	5.209535G	Inf	1
23.7M	5.18791G	5.21161G	19.22M	5.190465G	5.209685G	Inf	2
23.28M	5.18695G	5.21023G	19.13M	5.190405G	5.209535G	Inf	3
31.68M	5.18374G	5.21542G	19.49M	5.190075G	5.209565G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

5240MHz

17/12/2019

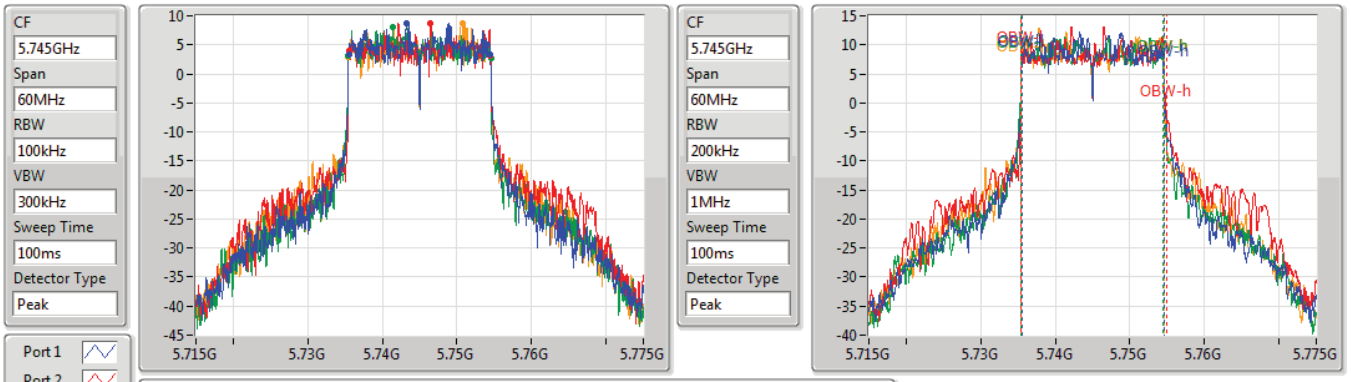


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.54M	5.22902G	5.25056G	19.01M	5.230495G	5.249505G	Inf	1
28.56M	5.22644G	5.255G	19.1M	5.230495G	5.249595G	Inf	2
27.45M	5.22704G	5.25449G	19.19M	5.230405G	5.249595G	Inf	3
35.34M	5.22368G	5.25902G	19.37M	5.230165G	5.249535G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

5745MHz

17/12/2019

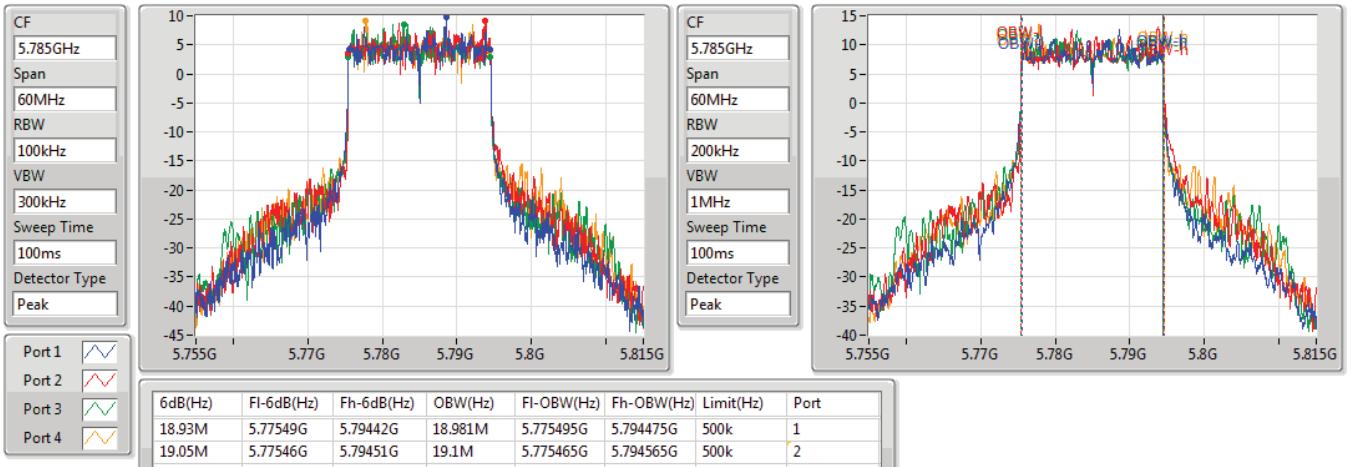


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.99M	5.73549G	5.75448G	19.04M	5.735495G	5.754535G	500k	1
19.02M	5.73549G	5.75451G	19.46M	5.735465G	5.754925G	500k	2
19.08M	5.73546G	5.75454G	19.07M	5.735435G	5.754505G	500k	3
19.05M	5.73546G	5.75451G	19.1M	5.735435G	5.754535G	500k	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

5785MHz

17/12/2019

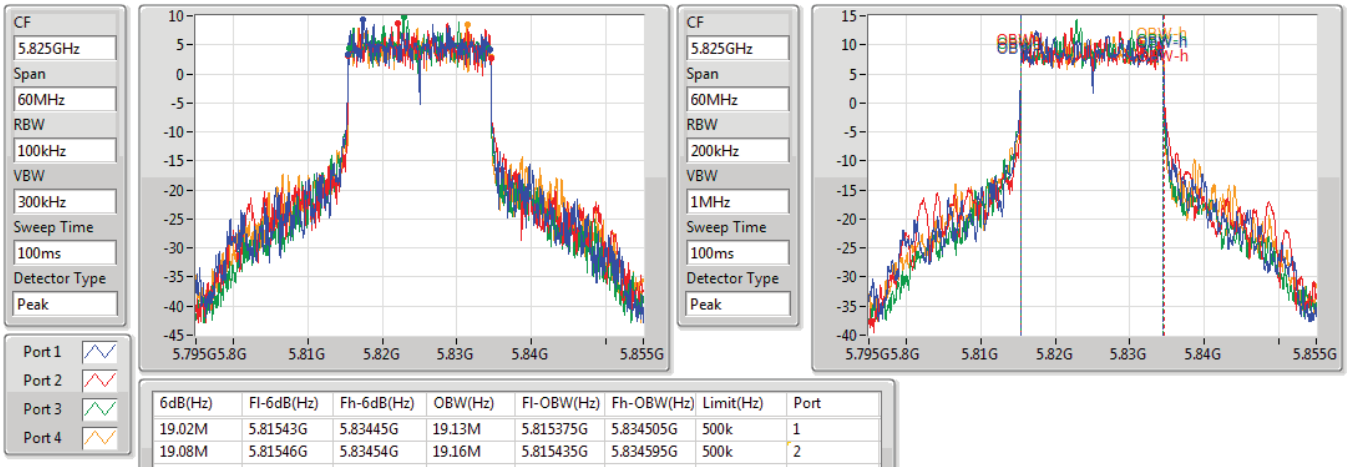


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.93M	5.77549G	5.79442G	18.981M	5.775495G	5.794475G	500k	1
19.05M	5.77546G	5.79451G	19.1M	5.775465G	5.794565G	500k	2
19.05M	5.77546G	5.79451G	19.04M	5.775465G	5.794505G	500k	3
19.05M	5.77546G	5.79451G	19.07M	5.775465G	5.794535G	500k	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

5825MHz

17/12/2019

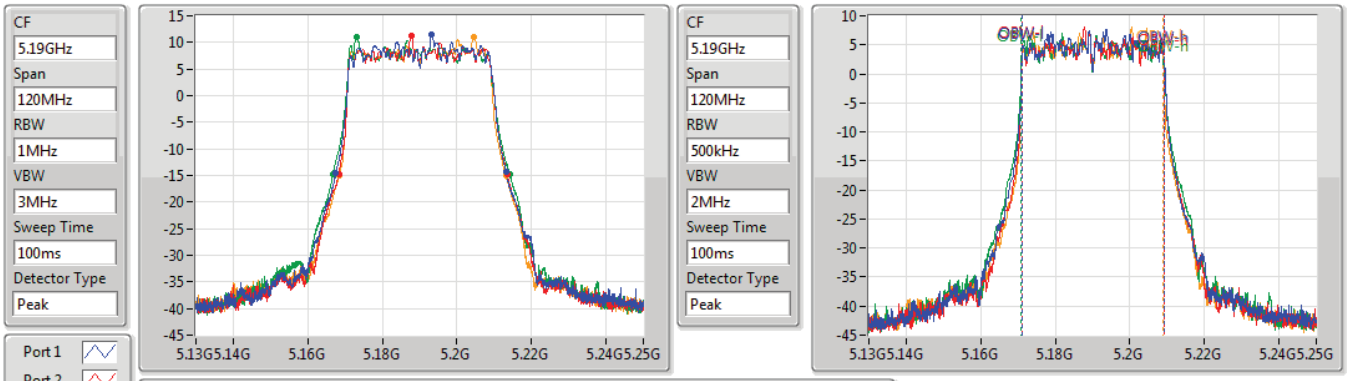


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.02M	5.81543G	5.83445G	19.13M	5.815375G	5.834505G	500k	1
19.08M	5.81546G	5.83454G	19.16M	5.815435G	5.834595G	500k	2
18.84M	5.81549G	5.83433G	19.04M	5.815435G	5.834475G	500k	3
19.08M	5.81546G	5.83454G	19.07M	5.815435G	5.834505G	500k	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

5190MHz

08/01/2020

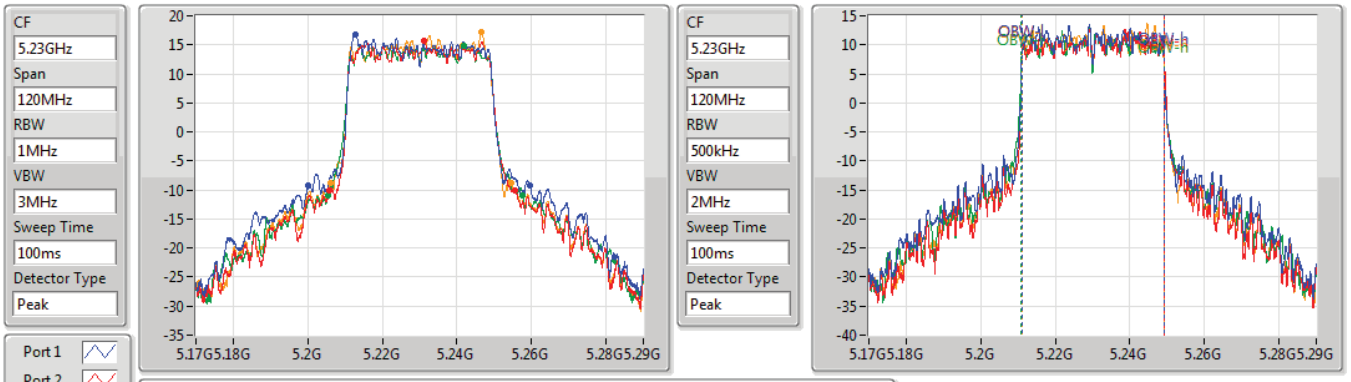


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
45.6M	5.16756G	5.21316G	38.261M	5.171049G	5.20931G	Inf	1
45.12M	5.16828G	5.2134G	38.321M	5.171049G	5.20937G	Inf	2
47.46M	5.16666G	5.21412G	38.441M	5.17093G	5.20937G	Inf	3
44.58M	5.16852G	5.2131G	37.961M	5.171049G	5.20901G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

5230MHz

08/01/2020

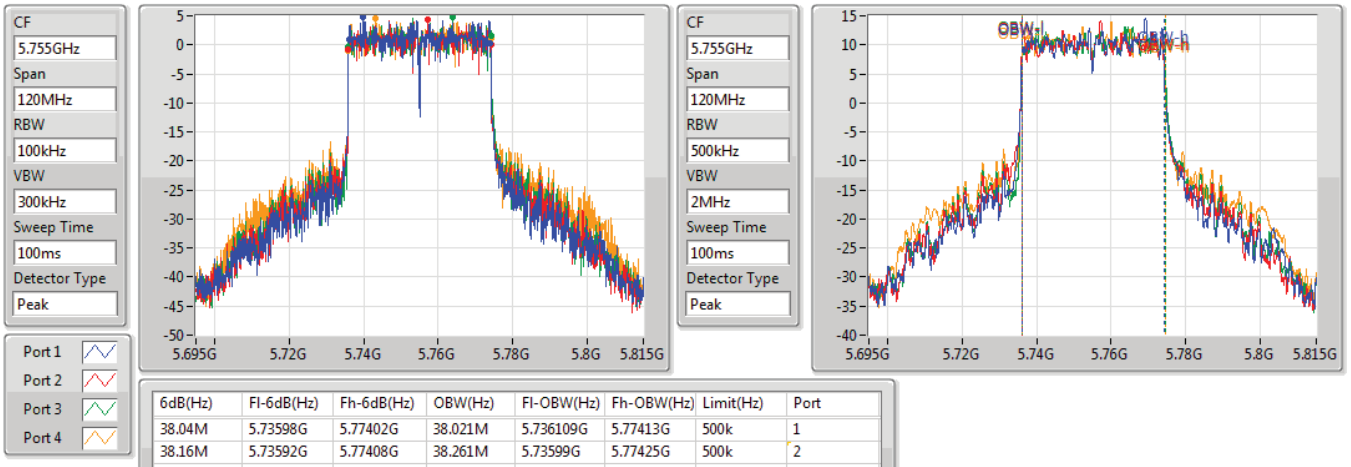


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
59.34M	5.20024G	5.25958G	38.141M	5.21099G	5.24913G	Inf	1
49.74M	5.20582G	5.25556G	38.321M	5.21099G	5.24931G	Inf	2
52.14M	5.20552G	5.25766G	38.501M	5.21087G	5.24937G	Inf	3
48.6M	5.20606G	5.25466G	38.201M	5.21099G	5.24919G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

5755MHz

20/12/2019

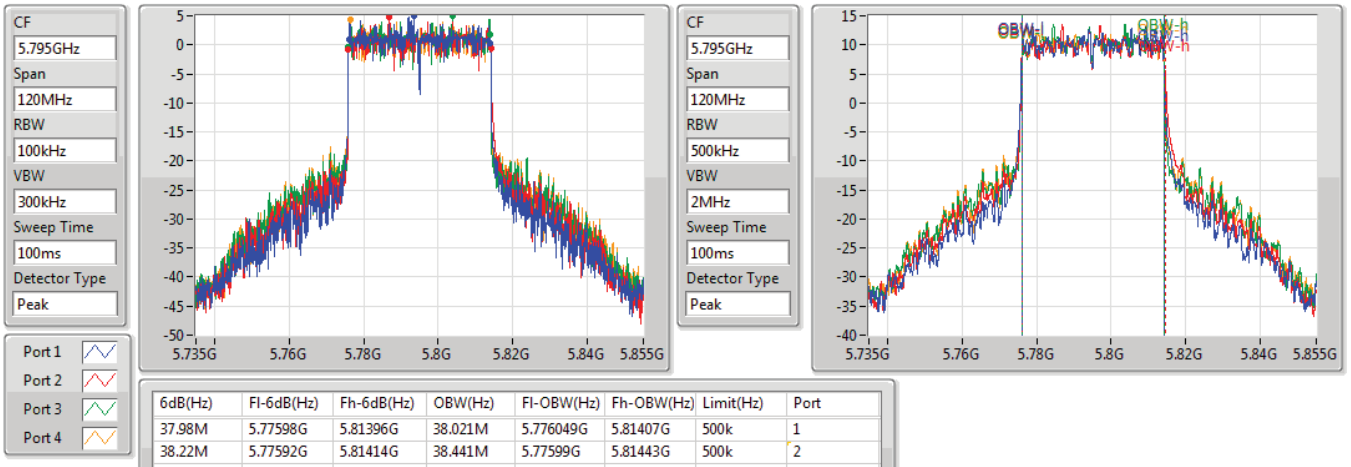


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.04M	5.73598G	5.77402G	38.021M	5.736109G	5.77413G	500k	1
38.16M	5.73592G	5.77408G	38.261M	5.73599G	5.77425G	500k	2
38.22M	5.73592G	5.77414G	38.441M	5.736049G	5.77449G	500k	3
38.22M	5.73592G	5.77414G	38.441M	5.73599G	5.77443G	500k	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

5795MHz

20/12/2019

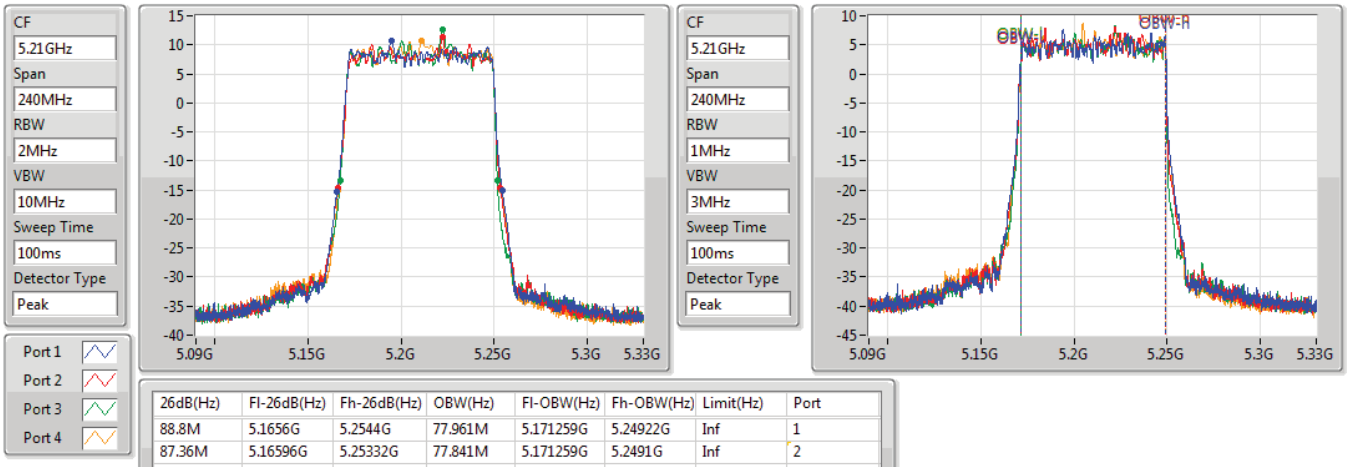


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.98M	5.77598G	5.81396G	38.021M	5.776049G	5.81407G	500k	1
38.22M	5.77592G	5.81414G	38.441M	5.77599G	5.81443G	500k	2
38.1M	5.77592G	5.81402G	38.141M	5.77599G	5.81413G	500k	3
38.16M	5.77592G	5.81408G	38.081M	5.77599G	5.81407G	500k	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

5210MHz

08/01/2020

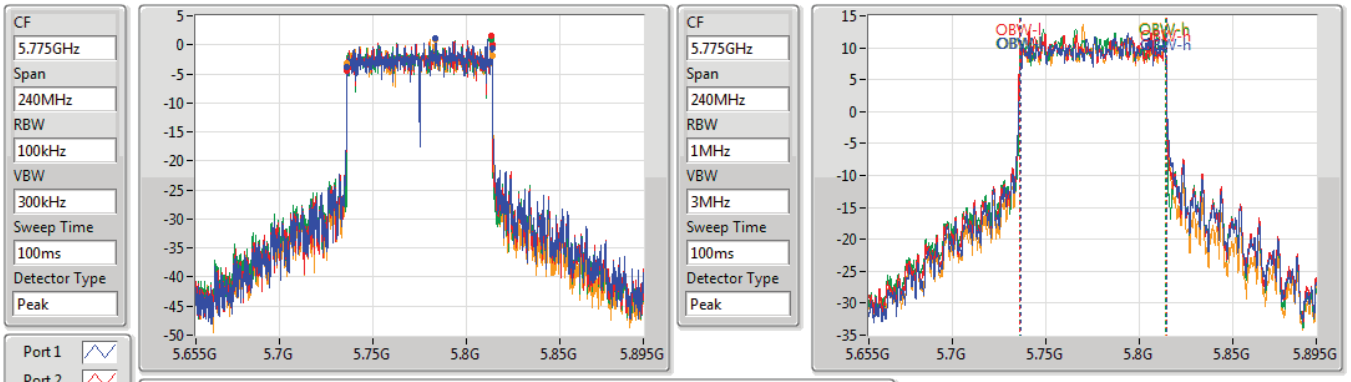


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
88.8M	5.1656G	5.2544G	77.961M	5.171259G	5.24922G	Inf	1
87.36M	5.16596G	5.25332G	77.841M	5.171259G	5.2491G	Inf	2
84.24M	5.1674G	5.25164G	77.601M	5.171379G	5.248981G	Inf	3
87.6M	5.16632G	5.25392G	77.601M	5.171499G	5.2491G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

5775MHz

08/01/2020



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
78M	5.736G	5.814G	78.201M	5.736259G	5.81446G	500k	1
78.12M	5.73588G	5.814G	78.561M	5.7359G	5.81446G	500k	2
78.12M	5.73588G	5.814G	78.081M	5.736139G	5.81422G	500k	3
78M	5.736G	5.814G	77.961M	5.736259G	5.81422G	500k	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	37.08M	19.4M	19M4D1D	20.43M	17.631M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	60.78M	36.762M	36M8D1D	40.62M	36.042M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	84.12M	76.042M	76M0D1D	83.76M	75.922M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	39.48M	19.49M	19M5D1D	23.67M	19.04M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	74.7M	38.381M	38M4D1D	43.32M	38.141M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	83.4M	77.361M	77M4D1D	83.04M	77.361M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	17.28M	18.231M	18M2D1D	14.85M	18.051M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	36.36M	38.201M	38M2D1D	34.92M	37.241M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	76.2M	76.282M	76M3D1D	76.2M	76.042M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.81M	19.31M	19M3D1D	16.02M	19.13M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	37.92M	38.681M	38M7D1D	30.66M	38.201M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	78M	77.601M	77M6D1D	77.64M	77.481M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum99% 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

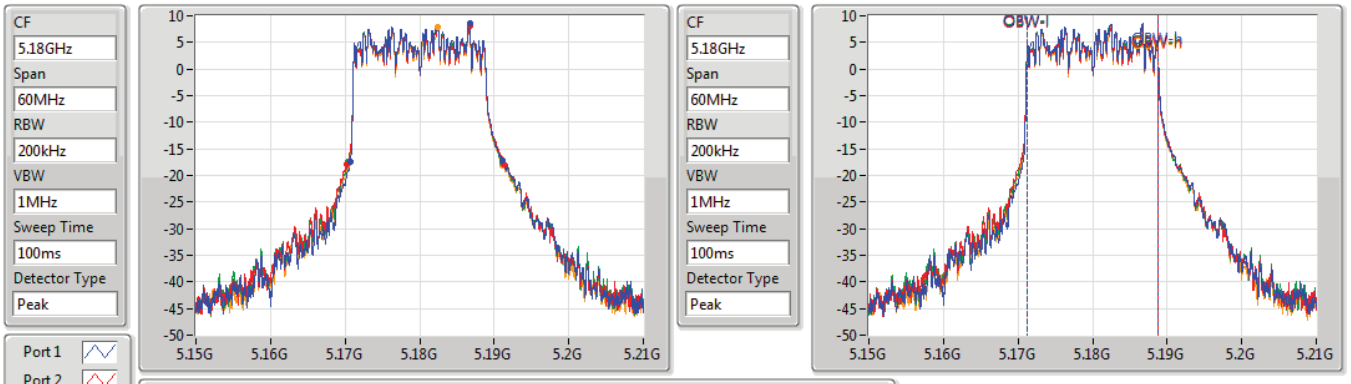
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	20.43M	17.631M	20.97M	17.631M	20.79M	17.631M	20.76M	17.631M
5200MHz	Pass	Inf	34.89M	18.291M	31.65M	18.291M	35.25M	19.4M	36.48M	18.381M
5240MHz	Pass	Inf	34.05M	19.37M	37.08M	18.171M	37.05M	19.13M	32.52M	18.201M
5745MHz	Pass	500k	15.78M	18.231M	15.03M	18.171M	16.68M	18.201M	15.63M	18.051M
5785MHz	Pass	500k	14.85M	18.201M	16.29M	18.111M	17.28M	18.231M	16.98M	18.141M
5825MHz	Pass	500k	15.69M	18.171M	15.33M	18.141M	15.9M	18.231M	15.93M	18.141M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.86M	36.102M	40.86M	36.102M	40.62M	36.042M	40.8M	36.102M
5230MHz	Pass	Inf	51.3M	36.702M	60.78M	36.762M	51.24M	36.702M	51.42M	36.762M
5755MHz	Pass	500k	34.92M	37.481M	36.3M	37.241M	35.34M	37.961M	36.3M	37.601M
5795MHz	Pass	500k	35.28M	38.201M	35.76M	37.721M	35.04M	37.661M	36.36M	37.601M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	83.76M	76.042M	84.12M	75.922M	84M	75.922M	83.76M	75.922M
5775MHz	Pass	500k	76.2M	76.282M	76.2M	76.162M	76.2M	76.042M	76.2M	76.042M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	23.91M	19.46M	23.76M	19.49M	24M	19.49M	23.7M	19.46M
5200MHz	Pass	Inf	38.97M	19.28M	36.3M	19.16M	39.48M	19.49M	34.2M	19.22M
5240MHz	Pass	Inf	23.67M	19.1M	25.38M	19.04M	30.12M	19.16M	27.03M	19.1M
5745MHz	Pass	500k	16.02M	19.19M	18.42M	19.13M	18.18M	19.19M	18.39M	19.16M
5785MHz	Pass	500k	18.42M	19.22M	18.3M	19.19M	18.72M	19.31M	18.81M	19.19M
5825MHz	Pass	500k	17.25M	19.19M	18.75M	19.19M	18.48M	19.25M	18.72M	19.13M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	43.32M	38.141M	43.44M	38.141M	43.92M	38.141M	43.68M	38.141M
5230MHz	Pass	Inf	74.34M	38.201M	74.7M	38.381M	73.08M	38.261M	74.28M	38.381M
5755MHz	Pass	500k	37.56M	38.321M	37.74M	38.261M	37.62M	38.441M	30.66M	38.261M
5795MHz	Pass	500k	37.92M	38.681M	35.04M	38.261M	37.38M	38.201M	34.92M	38.561M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	83.4M	77.361M	83.16M	77.361M	83.04M	77.361M	83.04M	77.361M
5775MHz	Pass	500k	77.64M	77.601M	78M	77.601M	78M	77.601M	77.88M	77.481M

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;

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5180MHz

03/03/2020

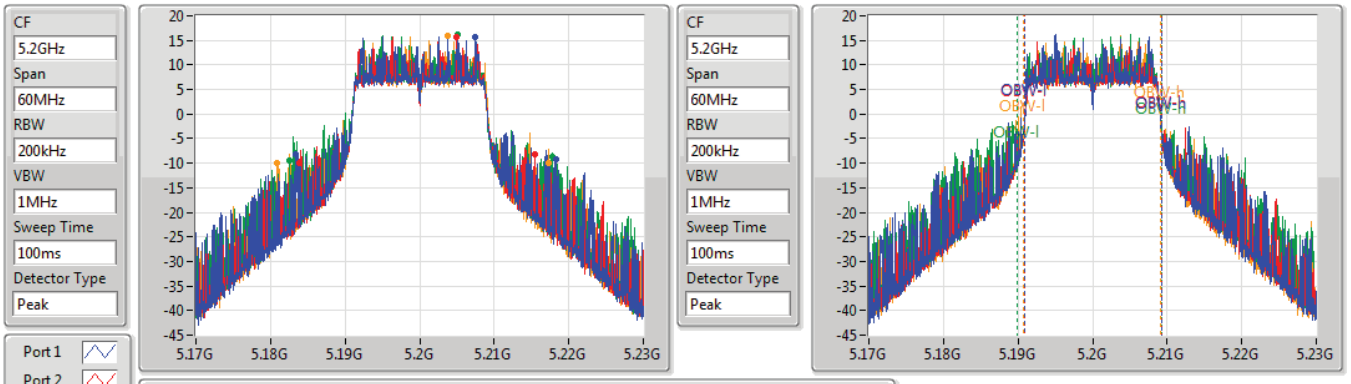


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.43M	5.17067G	5.1911G	17.631M	5.171214G	5.188846G	Inf	1
20.97M	5.17028G	5.19125G	17.631M	5.171214G	5.188846G	Inf	2
20.79M	5.17034G	5.19113G	17.631M	5.171214G	5.188846G	Inf	3
20.76M	5.17043G	5.19119G	17.631M	5.171214G	5.188846G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5200MHz

11/02/2020

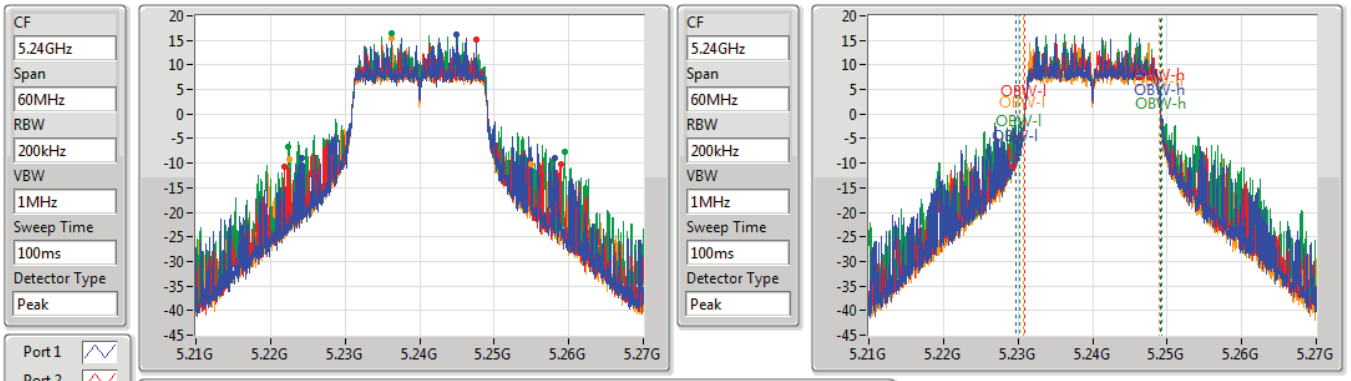


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.89M	5.18335G	5.21824G	18.291M	5.190945G	5.209235G	Inf	1
31.65M	5.1838G	5.21545G	18.291M	5.190945G	5.209235G	Inf	2
35.25M	5.18251G	5.21776G	19.4M	5.189925G	5.209325G	Inf	3
36.48M	5.18089G	5.21737G	18.381M	5.190705G	5.209085G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5240MHz

11/02/2020

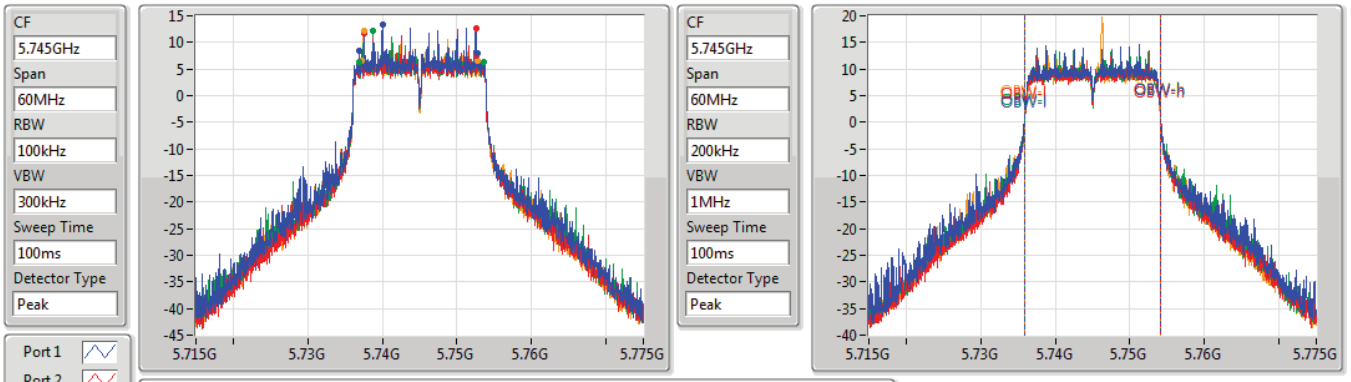


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.05M	5.22413G	5.25818G	19.37M	5.229775G	5.249145G	Inf	1
37.08M	5.22185G	5.25893G	18.171M	5.230855G	5.249025G	Inf	2
37.05M	5.22245G	5.2595G	19.13M	5.230165G	5.249295G	Inf	3
32.52M	5.22248G	5.255G	18.201M	5.230795G	5.248996G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5745MHz

20/01/2020

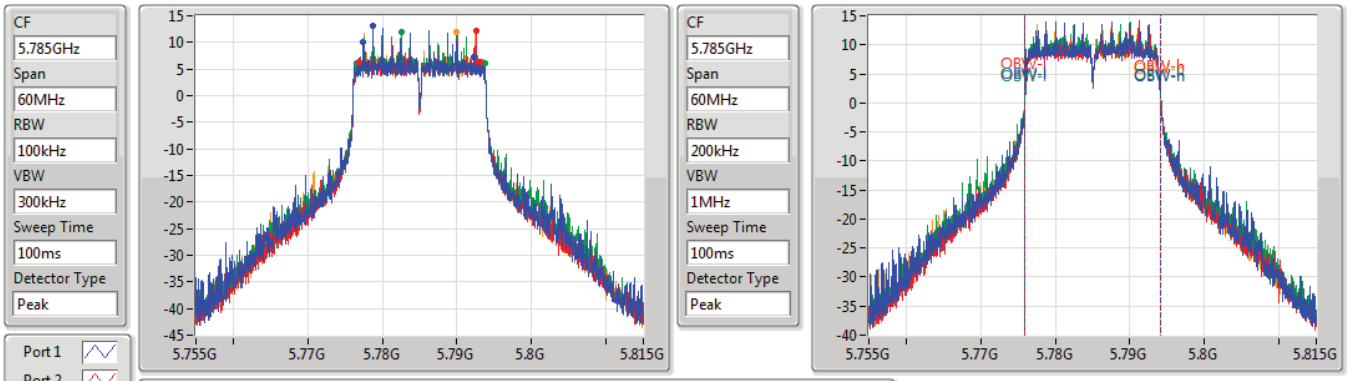


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.78M	5.73696G	5.75274G	18.231M	5.735885G	5.754115G	500k	1
15.03M	5.73753G	5.75256G	18.171M	5.735945G	5.754115G	500k	2
16.68M	5.73687G	5.75355G	18.201M	5.735915G	5.754115G	500k	3
15.63M	5.73717G	5.7528G	18.051M	5.735975G	5.754025G	500k	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5785MHz

20/01/2020

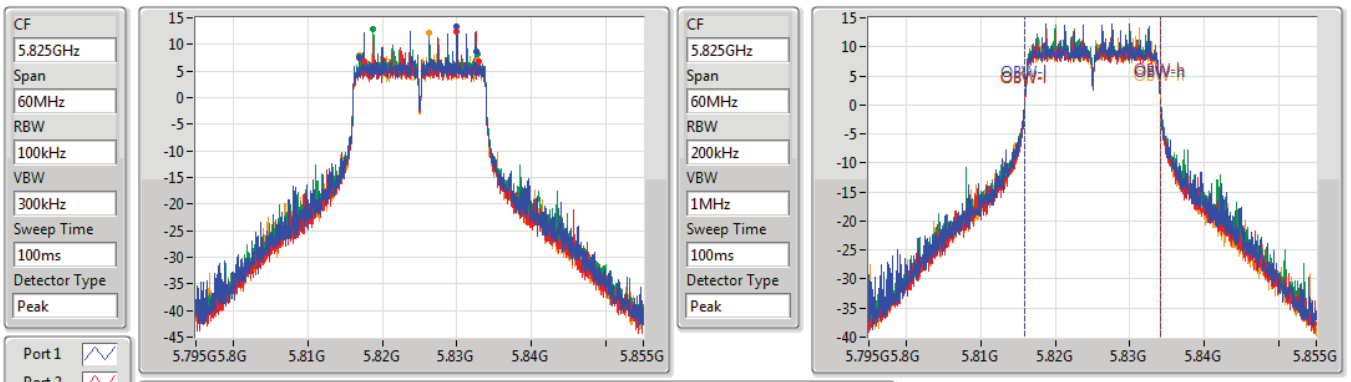


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.85M	5.77747G	5.79232G	18.201M	5.775915G	5.794115G	500k	1
16.29M	5.77687G	5.79316G	18.111M	5.775975G	5.794085G	500k	2
17.28M	5.77648G	5.79376G	18.231M	5.775885G	5.794115G	500k	3
16.98M	5.77654G	5.79352G	18.141M	5.775915G	5.794055G	500k	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5825MHz

20/01/2020

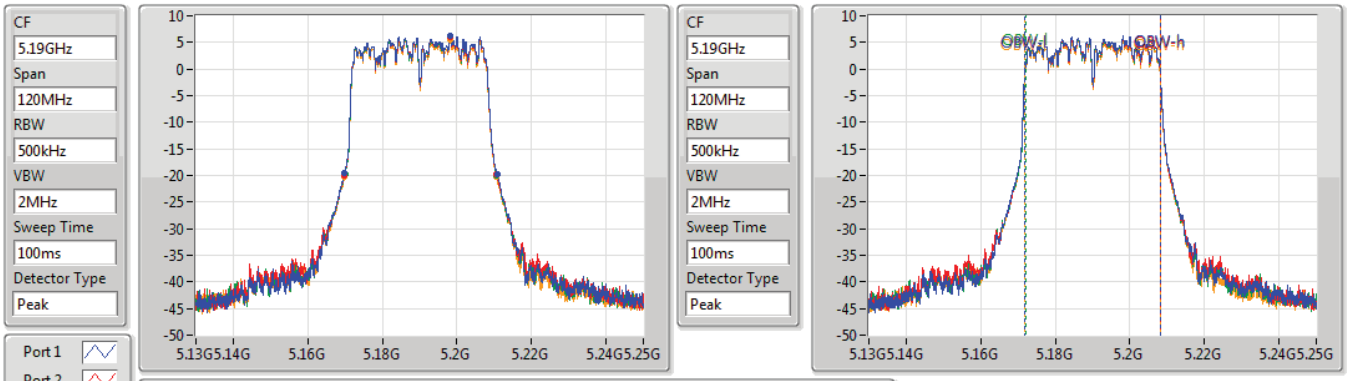


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.69M	5.81687G	5.83256G	18.171M	5.815915G	5.834085G	500k	1
15.33M	5.81762G	5.83295G	18.141M	5.815945G	5.834085G	500k	2
15.9M	5.81687G	5.83277G	18.231M	5.815885G	5.834115G	500k	3
15.93M	5.81687G	5.8328G	18.141M	5.815915G	5.834055G	500k	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5190MHz

03/03/2020

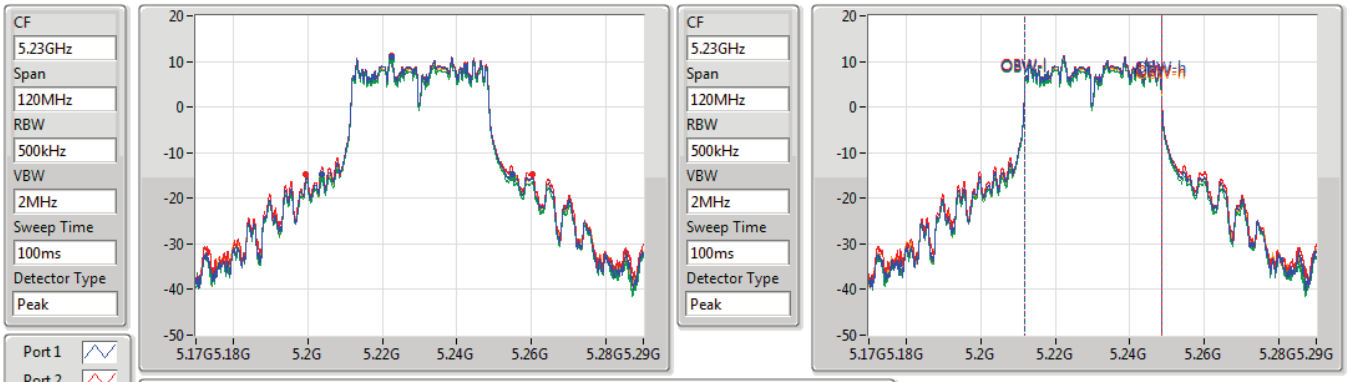


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.86M	5.1699G	5.21076G	36.102M	5.171949G	5.208051G	Inf	1
40.86M	5.16984G	5.2107G	36.102M	5.171949G	5.208051G	Inf	2
40.62M	5.17002G	5.21064G	36.042M	5.172009G	5.208051G	Inf	3
40.8M	5.16984G	5.21064G	36.102M	5.171949G	5.208051G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5230MHz

03/03/2020

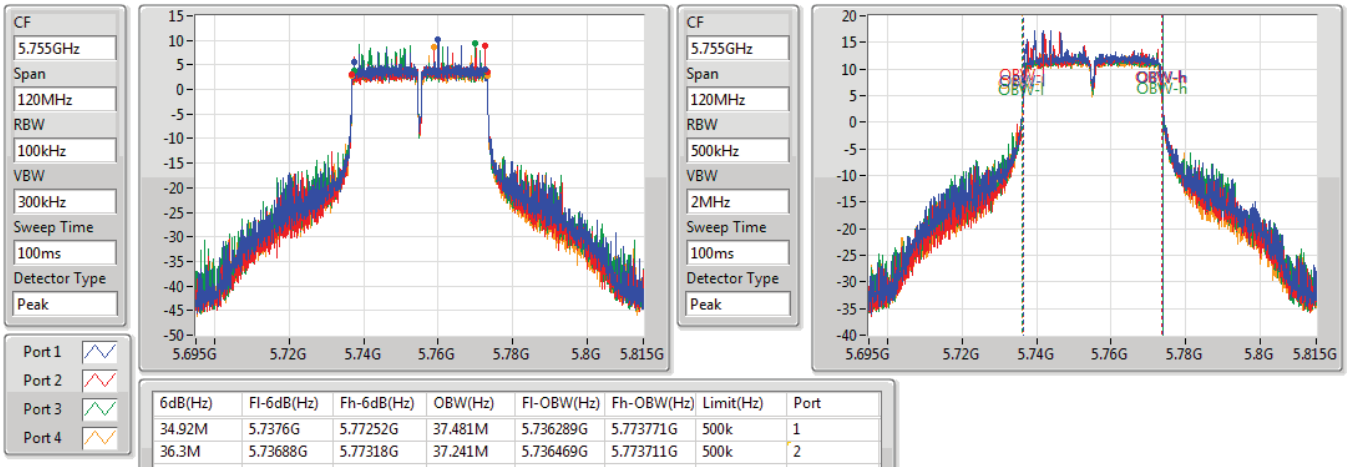


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
51.3M	5.2036G	5.2549G	36.702M	5.211769G	5.248471G	Inf	1
60.78M	5.19958G	5.26036G	36.762M	5.211769G	5.248531G	Inf	2
51.24M	5.20366G	5.2549G	36.702M	5.211769G	5.248471G	Inf	3
51.42M	5.20366G	5.25508G	36.762M	5.211769G	5.248531G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5755MHz

20/01/2020

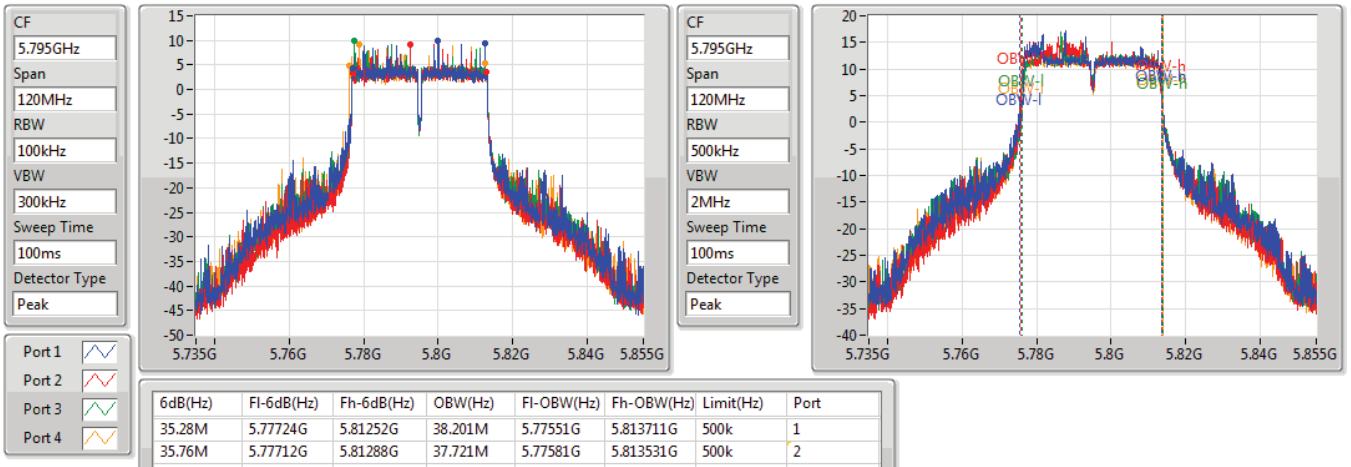


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.92M	5.7376G	5.77252G	37.481M	5.736289G	5.773771G	500k	1
36.3M	5.73688G	5.77318G	37.241M	5.736469G	5.773711G	500k	2
35.34M	5.73748G	5.77282G	37.961M	5.736049G	5.77401G	500k	3
36.3M	5.73688G	5.77318G	37.601M	5.736169G	5.773771G	500k	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5795MHz

20/01/2020

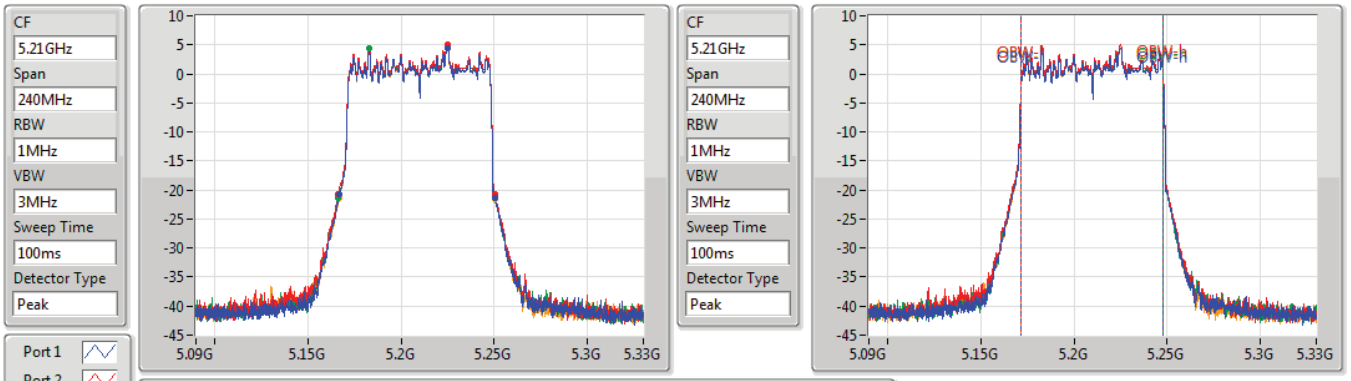


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.28M	5.77724G	5.81252G	38.201M	5.77551G	5.813711G	500k	1
35.76M	5.77712G	5.81288G	37.721M	5.77581G	5.813531G	500k	2
35.04M	5.77724G	5.81228G	37.661M	5.776169G	5.813831G	500k	3
36.36M	5.77622G	5.81258G	37.601M	5.776169G	5.813771G	500k	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

5210MHz

03/03/2020

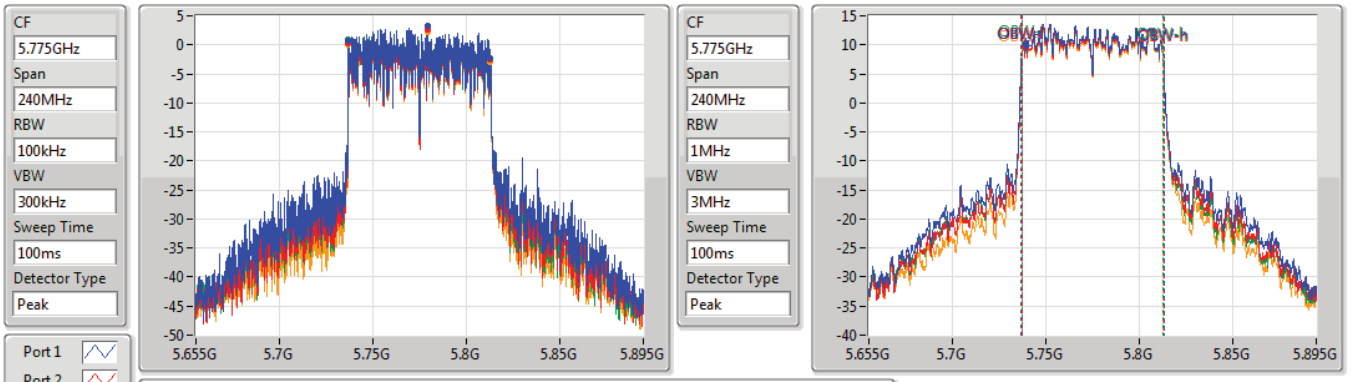


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.76M	5.1668G	5.25056G	76.042M	5.171859G	5.247901G	Inf	1
84.12M	5.16632G	5.25044G	75.922M	5.171859G	5.247781G	Inf	2
84M	5.16644G	5.25044G	75.922M	5.171859G	5.247781G	Inf	3
83.76M	5.16692G	5.25068G	75.922M	5.171859G	5.247781G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

5775MHz

17/02/2020

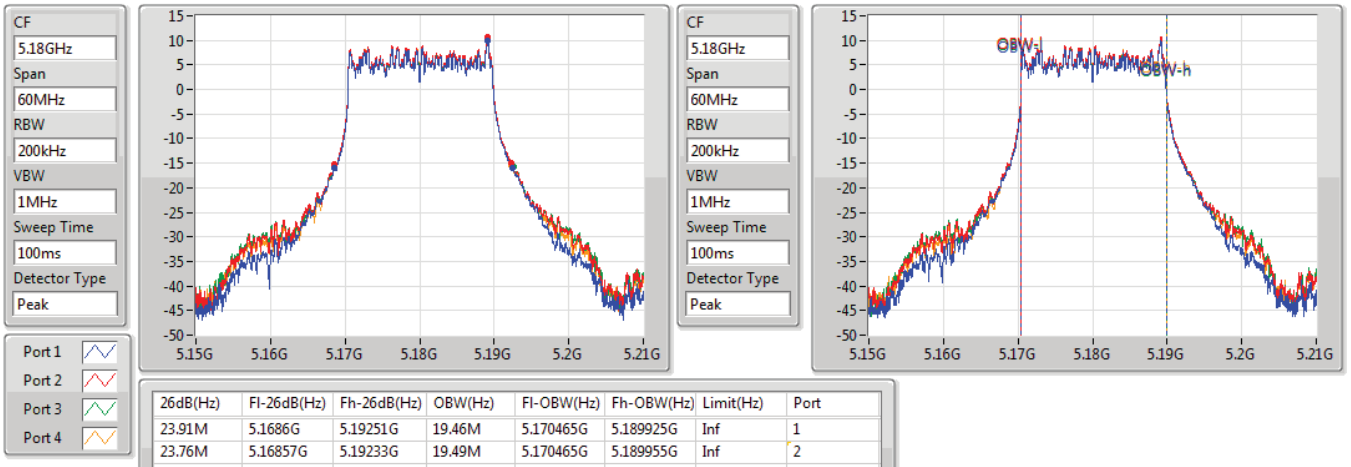


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.2M	5.73684G	5.81304G	76.282M	5.736859G	5.813141G	500k	1
76.2M	5.73684G	5.81304G	76.162M	5.736979G	5.813141G	500k	2
76.2M	5.73684G	5.81304G	76.042M	5.736979G	5.813021G	500k	3
76.2M	5.73684G	5.81304G	76.042M	5.736979G	5.813021G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5180MHz

17/02/2020

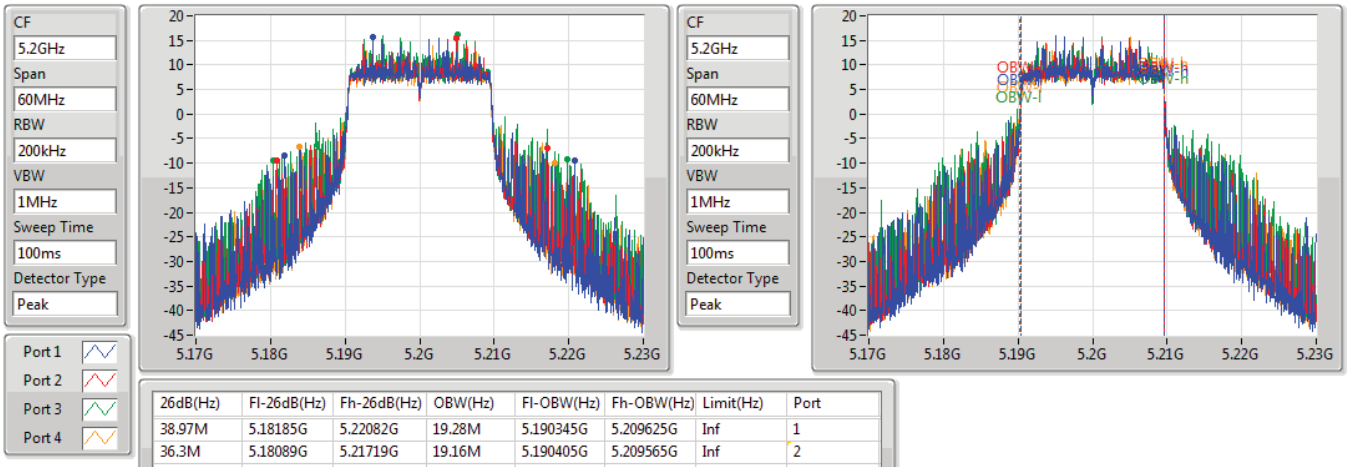


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.91M	5.1686G	5.19251G	19.46M	5.170465G	5.189925G	Inf	1
23.76M	5.16857G	5.19233G	19.49M	5.170465G	5.189955G	Inf	2
24M	5.16854G	5.19254G	19.49M	5.170465G	5.189955G	Inf	3
23.7M	5.16857G	5.19227G	19.46M	5.170465G	5.189925G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5200MHz

10/02/2020

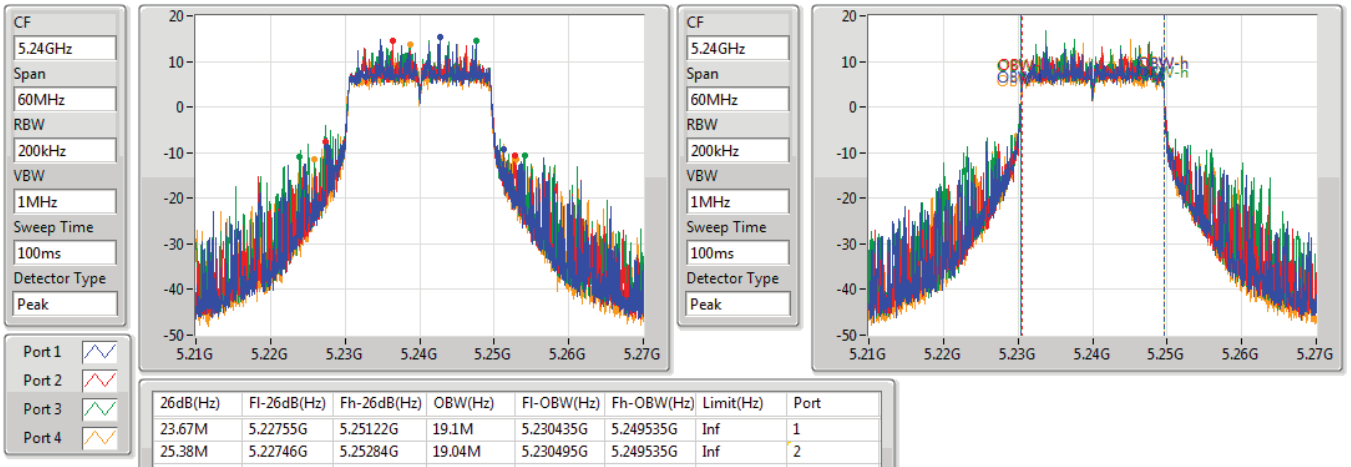


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.97M	5.18185G	5.22082G	19.28M	5.190345G	5.209625G	Inf	1
36.3M	5.18089G	5.21719G	19.16M	5.190405G	5.209565G	Inf	2
39.48M	5.18035G	5.21983G	19.49M	5.190165G	5.209655G	Inf	3
34.2M	5.18395G	5.21815G	19.22M	5.190375G	5.209595G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5240MHz

10/02/2020

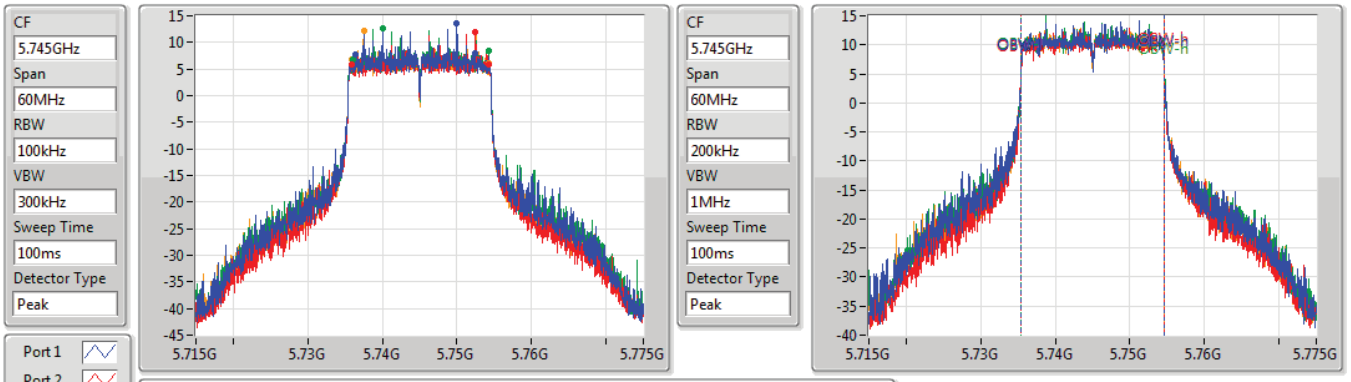


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.67M	5.22755G	5.25122G	19.1M	5.230435G	5.249535G	Inf	1
25.38M	5.22746G	5.25284G	19.04M	5.230495G	5.249535G	Inf	2
30.12M	5.22395G	5.25407G	19.16M	5.230405G	5.249565G	Inf	3
27.03M	5.22584G	5.25287G	19.1M	5.230435G	5.249535G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5745MHz

20/01/2020

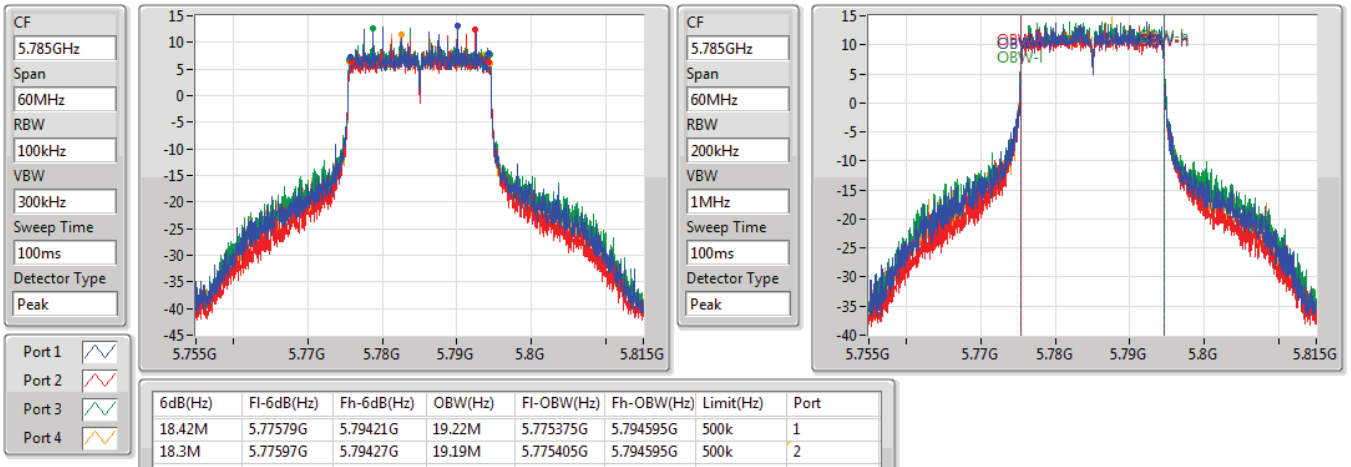


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.02M	5.73645G	5.75247G	19.19M	5.735405G	5.754595G	500k	1
18.42M	5.73591G	5.75433G	19.13M	5.735435G	5.754565G	500k	2
18.18M	5.73603G	5.75421G	19.19M	5.735405G	5.754595G	500k	3
18.39M	5.73585G	5.75424G	19.16M	5.735405G	5.754565G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5785MHz

20/01/2020

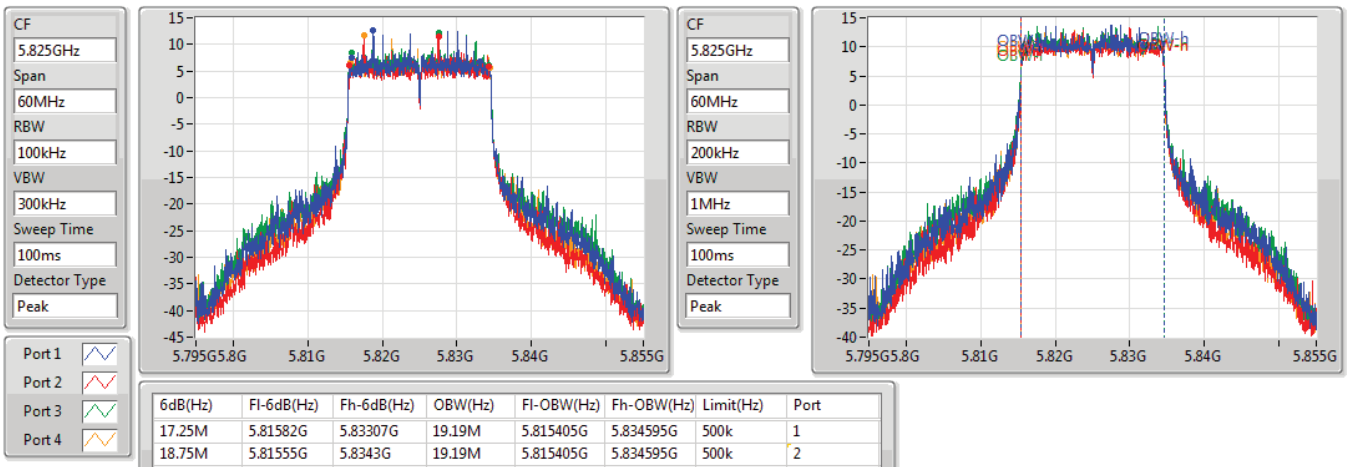


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.42M	5.77579G	5.79421G	19.22M	5.775375G	5.794595G	500k	1
18.3M	5.77597G	5.79427G	19.19M	5.775405G	5.794595G	500k	2
18.72M	5.77564G	5.79436G	19.31M	5.7753345G	5.794655G	500k	3
18.81M	5.77564G	5.79445G	19.19M	5.775375G	5.794565G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5825MHz

20/01/2020

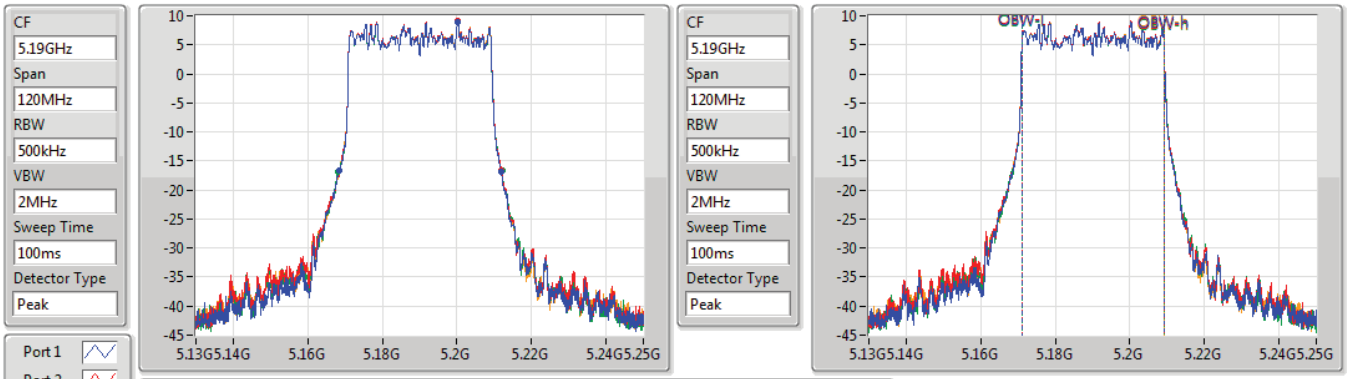


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.25M	5.81582G	5.83307G	19.19M	5.815405G	5.834595G	500k	1
18.75M	5.81555G	5.8343G	19.19M	5.815405G	5.834595G	500k	2
18.48M	5.81585G	5.83433G	19.25M	5.815345G	5.834595G	500k	3
18.72M	5.81579G	5.83451G	19.13M	5.815435G	5.834565G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5190MHz

17/02/2020

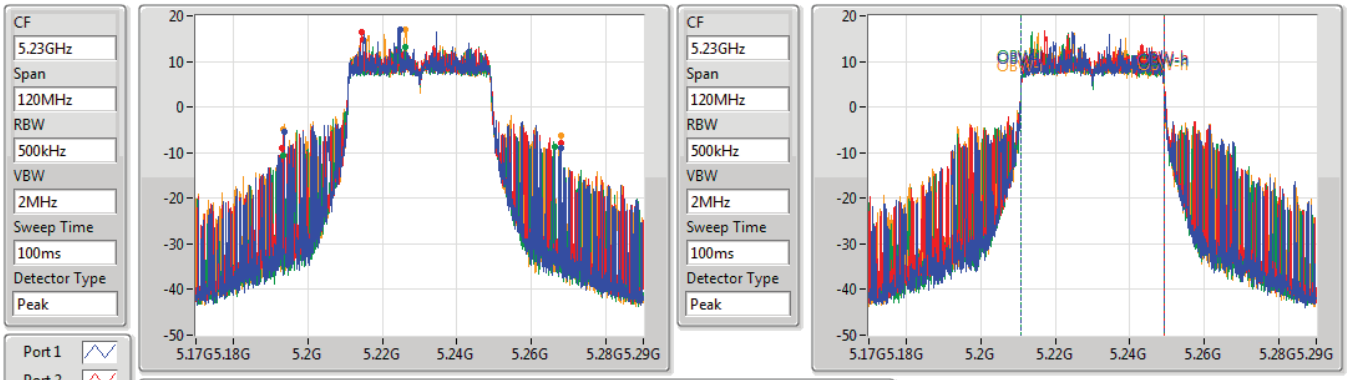


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.32M	5.16852G	5.21184G	38.141M	5.171049G	5.20919G	Inf	1
43.44M	5.16852G	5.21196G	38.141M	5.171049G	5.20919G	Inf	2
43.92M	5.16816G	5.21208G	38.141M	5.171049G	5.20919G	Inf	3
43.68M	5.16822G	5.2119G	38.141M	5.171049G	5.20919G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5230MHz

10/02/2020

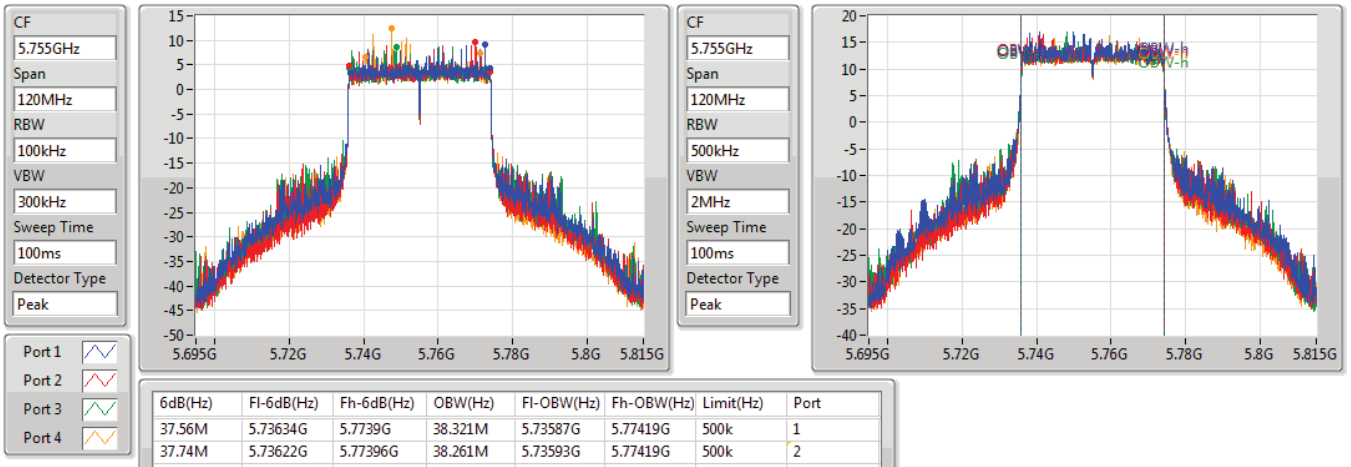


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
74.34M	5.19376G	5.2681G	38.201M	5.21093G	5.24913G	Inf	1
74.7M	5.19316G	5.26786G	38.381M	5.21087G	5.24925G	Inf	2
73.08M	5.19334G	5.26642G	38.261M	5.21093G	5.24919G	Inf	3
74.28M	5.19352G	5.2678G	38.381M	5.21081G	5.24919G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5755MHz

20/01/2020

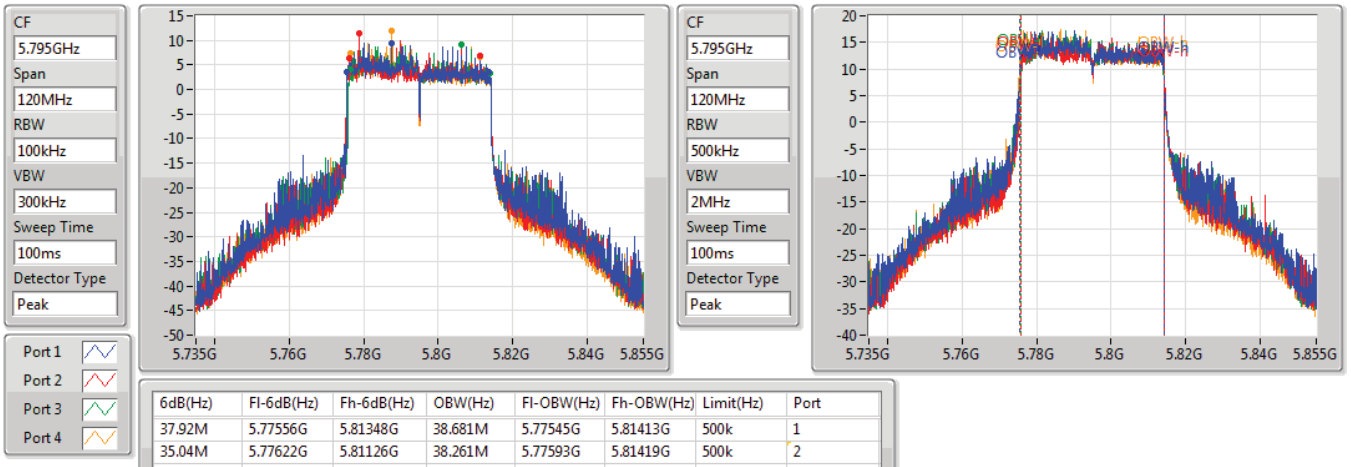


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.56M	5.73634G	5.7739G	38.321M	5.73587G	5.77419G	500k	1
37.74M	5.73622G	5.77396G	38.261M	5.73593G	5.77419G	500k	2
37.62M	5.7361G	5.77372G	38.441M	5.73581G	5.77425G	500k	3
30.66M	5.7406G	5.77126G	38.261M	5.73587G	5.77413G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5795MHz

20/01/2020

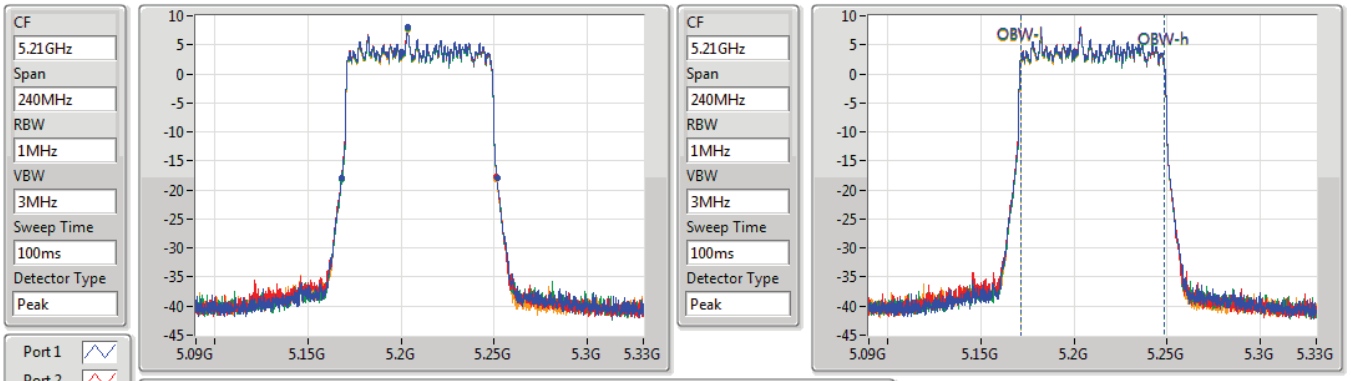


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.92M	5.77556G	5.81348G	38.681M	5.77545G	5.81413G	500k	1
35.04M	5.77622G	5.81126G	38.261M	5.77593G	5.81419G	500k	2
37.38M	5.77634G	5.81372G	38.201M	5.77593G	5.81413G	500k	3
34.92M	5.7764G	5.81132G	38.561M	5.77551G	5.81407G	500k	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5210MHz

17/02/2020

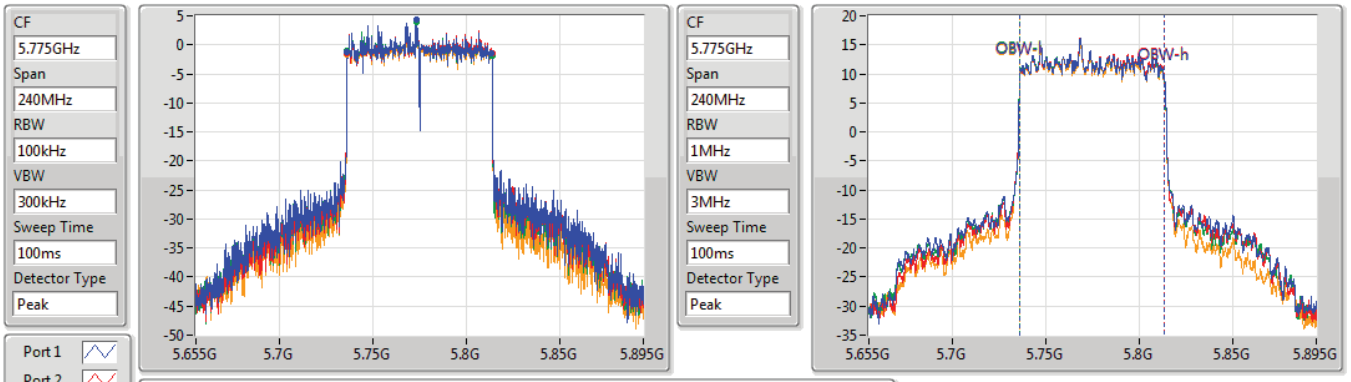


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.4M	5.16812G	5.25152G	77.361M	5.171259G	5.248621G	Inf	1
83.16M	5.16812G	5.25128G	77.361M	5.171259G	5.248621G	Inf	2
83.04M	5.16824G	5.25128G	77.361M	5.171259G	5.248621G	Inf	3
83.04M	5.16824G	5.25128G	77.361M	5.171259G	5.248621G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5775MHz

17/02/2020



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
77.64M	5.736G	5.81364G	77.601M	5.736139G	5.813741G	500k	1
78M	5.736G	5.814G	77.601M	5.736139G	5.813741G	500k	2
78M	5.736G	5.814G	77.601M	5.736139G	5.813741G	500k	3
77.88M	5.736G	5.81388G	77.481M	5.736139G	5.813621G	500k	4

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	29.99	0.99770	32.49	1.77419
802.11ac VHT40_Nss4,(MCS0)_4TX	29.06	0.80538	31.56	1.43219
802.11ac VHT80_Nss4,(MCS0)_4TX	24.67	0.29309	27.17	0.52119
802.11ax HEW20_Nss4,(MCS0)_4TX	29.95	0.98855	32.45	1.75792
802.11ax HEW40_Nss4,(MCS0)_4TX	28.40	0.69183	30.90	1.23027
802.11ax HEW80_Nss4,(MCS0)_4TX	22.48	0.17701	24.98	0.31477
5.725-5.85GHz	-	-	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	29.55	0.90157	31.45	1.39637
802.11ac VHT40_Nss4,(MCS0)_4TX	29.72	0.93756	31.62	1.45211
802.11ac VHT80_Nss4,(MCS0)_4TX	29.15	0.82224	31.05	1.27350
802.11ax HEW20_Nss4,(MCS0)_4TX	29.90	0.97724	31.80	1.51356
802.11ax HEW40_Nss4,(MCS0)_4TX	29.57	0.90573	31.47	1.40281
802.11ax HEW80_Nss4,(MCS0)_4TX	27.37	0.54576	29.27	0.84528

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	2.50	21.45	20.72	20.77	21.15	27.05	30.00	29.55	36.00
5200MHz	Pass	2.50	23.91	23.7	23.66	23.99	29.84	30.00	32.34	36.00
5240MHz	Pass	2.50	24.01	24.05	24.14	23.66	29.99	30.00	32.49	36.00
5745MHz	Pass	1.90	23.44	23.25	23.76	23.49	29.51	30.00	31.41	36.00
5785MHz	Pass	1.90	23.56	23.4	23.61	23.55	29.55	30.00	31.45	36.00
5825MHz	Pass	1.90	23.34	23.6	23.55	23.57	29.54	30.00	31.44	36.00
802.11ac VHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	2.50	19.2	18.88	18.93	19.37	25.12	30.00	27.62	36.00
5230MHz	Pass	2.50	23.24	23.17	22.77	22.97	29.06	30.00	31.56	36.00
5755MHz	Pass	1.90	23.34	23.66	23.45	23.61	29.54	30.00	31.44	36.00
5795MHz	Pass	1.90	23.58	23.94	23.31	23.92	29.72	30.00	31.62	36.00
802.11ac VHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	2.50	18.46	18.65	18.42	19.05	24.67	30.00	27.17	36.00
5775MHz	Pass	1.90	23.34	23.09	22.8	23.28	29.15	30.00	31.05	36.00
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	2.50	20.88	20.3	20.12	21.1	26.64	30.00	29.14	36.00
5200MHz	Pass	2.50	24.15	23.23	23.39	24.11	29.76	30.00	32.26	36.00
5240MHz	Pass	2.50	24.16	23.41	23.74	24.34	29.95	30.00	32.45	36.00
5745MHz	Pass	1.90	23.79	23.63	23.72	23.76	29.75	30.00	31.65	36.00
5785MHz	Pass	1.90	23.47	23.76	23.6	23.89	29.70	30.00	31.60	36.00
5825MHz	Pass	1.90	23.77	23.67	24.06	23.99	29.90	30.00	31.80	36.00
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	2.50	16.57	16.34	16.57	16.47	22.51	30.00	25.01	36.00
5230MHz	Pass	2.50	22.68	22.15	22.22	22.44	28.40	30.00	30.90	36.00
5755MHz	Pass	1.90	23.5	23.55	23.57	23.57	29.57	30.00	31.47	36.00
5795MHz	Pass	1.90	23.49	23.48	23.65	23.46	29.54	30.00	31.44	36.00
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	2.50	16.43	16.52	16.4	16.5	22.48	30.00	24.98	36.00
5775MHz	Pass	1.90	21.32	21.45	21.51	21.1	27.37	30.00	29.27	36.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	29.77	0.94842	35.47	3.52371
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	27.00	0.50119	32.70	1.86209
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	20.43	0.11041	26.13	0.41020
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	29.29	0.84918	34.99	3.15500
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	27.71	0.59020	33.41	2.19280
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	21.43	0.13900	27.13	0.51642
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	28.89	0.77446	35.49	3.53997
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	28.86	0.76913	35.46	3.51560
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	29.34	0.85901	35.94	3.92645
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	28.82	0.76208	35.42	3.48337
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	28.81	0.76033	35.41	3.47536
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	29.22	0.83560	35.82	3.81944

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	5.70	20.36	19.87	20.15	19.82	26.08	30.00	31.78	36.00
5200MHz	Pass	5.70	23.48	23.24	23.41	23.28	29.37	30.00	35.07	36.00
5240MHz	Pass	5.70	24.54	22.92	24.14	23.18	29.77	30.00	35.47	36.00
5745MHz	Pass	6.60	23.06	22.36	23.06	22.94	28.89	29.40	35.49	36.00
5785MHz	Pass	6.60	22.73	22.30	23.01	22.39	28.64	29.40	35.24	36.00
5825MHz	Pass	6.60	22.72	22.31	22.82	22.35	28.58	29.40	35.18	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	5.70	17.08	16.95	16.91	16.45	22.87	30.00	28.57	36.00
5230MHz	Pass	5.70	21.21	21.41	20.40	20.83	27.00	30.00	32.70	36.00
5755MHz	Pass	6.60	22.93	22.83	22.72	22.62	28.80	29.40	35.40	36.00
5795MHz	Pass	6.60	22.81	22.60	22.78	23.15	28.86	29.40	35.46	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	5.70	14.17	14.78	14.44	14.24	20.43	30.00	26.13	36.00
5775MHz	Pass	6.60	23.61	23.22	23.52	22.89	29.34	29.40	35.94	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	5.70	19.83	20.43	20.26	20.33	26.24	30.00	31.94	36.00
5200MHz	Pass	5.70	23.22	22.98	23.66	23.18	29.29	30.00	34.99	36.00
5240MHz	Pass	5.70	21.87	21.55	21.26	21.44	27.56	30.00	33.26	36.00
5745MHz	Pass	6.60	23.16	22.57	23.09	22.34	28.82	29.40	35.42	36.00
5785MHz	Pass	6.60	22.42	22.71	22.85	22.91	28.75	29.40	35.35	36.00
5825MHz	Pass	6.60	22.87	22.35	23.01	22.95	28.82	29.40	35.42	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	5.70	18.23	18.37	18.32	18.37	24.34	30.00	30.04	36.00
5230MHz	Pass	5.70	21.28	21.47	22.50	21.41	27.71	30.00	33.41	36.00
5755MHz	Pass	6.60	23.16	22.48	22.72	22.75	28.81	29.40	35.41	36.00
5795MHz	Pass	6.60	22.40	22.95	22.69	22.39	28.63	29.40	35.23	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	5.70	15.57	15.57	15.29	15.19	21.43	30.00	27.13	36.00
5775MHz	Pass	6.60	23.22	23.35	23.31	22.89	29.22	29.40	35.82	36.00

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

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	16.41	18.91
802.11ac VHT40_Nss4,(MCS0)_4TX	12.92	15.42
802.11ac VHT80_Nss4,(MCS0)_4TX	5.19	7.69
802.11ax HEW20_Nss4,(MCS0)_4TX	15.59	18.09
802.11ax HEW40_Nss4,(MCS0)_4TX	12.4	14.90
802.11ax HEW80_Nss4,(MCS0)_4TX	3.69	6.19
5.725-5.85GHz	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	13.9	15.80
802.11ac VHT40_Nss4,(MCS0)_4TX	11.87	13.77
802.11ac VHT80_Nss4,(MCS0)_4TX	8.27	10.17
802.11ax HEW20_Nss4,(MCS0)_4TX	14.28	16.18
802.11ax HEW40_Nss4,(MCS0)_4TX	11	12.90
802.11ax HEW80_Nss4,(MCS0)_4TX	7.84	9.74

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

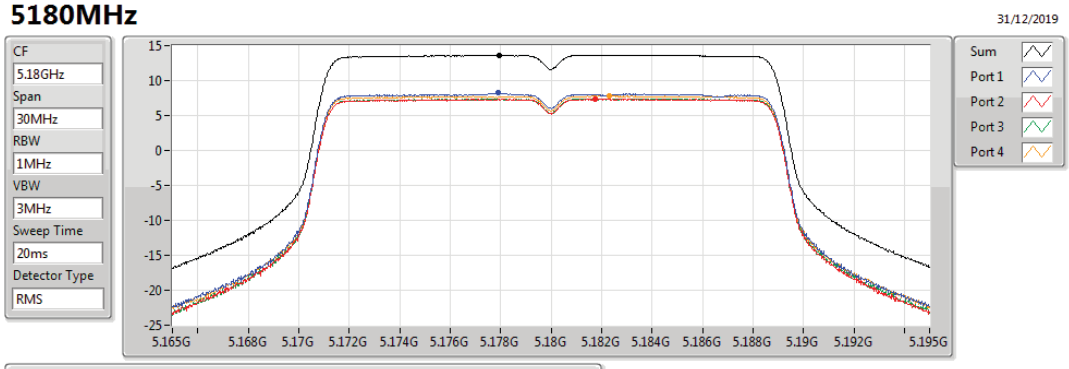
Result

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)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	2.50	8.22	7.38	7.42	7.86	13.67	17.00	16.17	23.00
5200MHz	Pass	2.50	10.75	10.24	10.15	10.67	16.41	17.00	18.91	23.00
5240MHz	Pass	2.50	10.16	10.2	10.28	9.78	16.09	17.00	18.59	23.00
5745MHz	Pass	1.90	7.93	7.83	8.1	8	13.80	30.00	15.70	36.00
5785MHz	Pass	1.90	8.06	8.03	8.06	8.09	13.90	30.00	15.80	36.00
5825MHz	Pass	1.90	7.75	8.11	7.97	7.93	13.82	30.00	15.72	36.00
802.11ac VHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	2.50	3.53	2.81	2.61	3.25	8.94	17.00	11.44	23.00
5230MHz	Pass	2.50	7.68	7.23	6.58	6.95	12.92	17.00	15.42	23.00
5755MHz	Pass	1.90	5.44	5.98	5.77	5.87	11.63	30.00	13.53	36.00
5795MHz	Pass	1.90	5.79	6.25	5.63	6.25	11.87	30.00	13.77	36.00
802.11ac VHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	2.50	-0.97	-0.79	-1.02	-0.36	5.19	17.00	7.69	23.00
5775MHz	Pass	1.90	2.54	2.36	1.98	2.57	8.27	30.00	10.17	36.00
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	2.50	7.09	6.37	6.04	7.03	12.44	17.00	14.94	23.00
5200MHz	Pass	2.50	10.33	9.46	9.51	10.08	15.48	17.00	17.98	23.00
5240MHz	Pass	2.50	10.27	9.74	9.42	10.01	15.59	17.00	18.09	23.00
5745MHz	Pass	1.90	8.58	9.08	8.37	8.99	14.16	30.00	16.06	36.00
5785MHz	Pass	1.90	8.51	8.53	8.62	9.39	14.21	30.00	16.11	36.00
5825MHz	Pass	1.90	8.76	8.58	9.69	8.74	14.28	30.00	16.18	36.00
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	2.50	0.71	0.38	0.87	0.23	6.36	17.00	8.86	23.00
5230MHz	Pass	2.50	6.76	6.58	6.41	6.48	12.40	17.00	14.90	23.00
5755MHz	Pass	1.90	5.01	5.73	5.66	4.98	11.00	30.00	12.90	36.00
5795MHz	Pass	1.90	4.79	5.34	5.83	5.24	11.00	30.00	12.90	36.00
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	2.50	-2.28	-2.2	-2.16	-2.2	3.69	17.00	6.19	23.00
5775MHz	Pass	1.90	1.5	2.44	2.15	1.27	7.84	30.00	9.74	36.00

DG = Directional Gain; **RBW** = 500 kHz 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 X power density;

802.11ac VHT20_Nss4,(MCS0)_4TX **PSD**

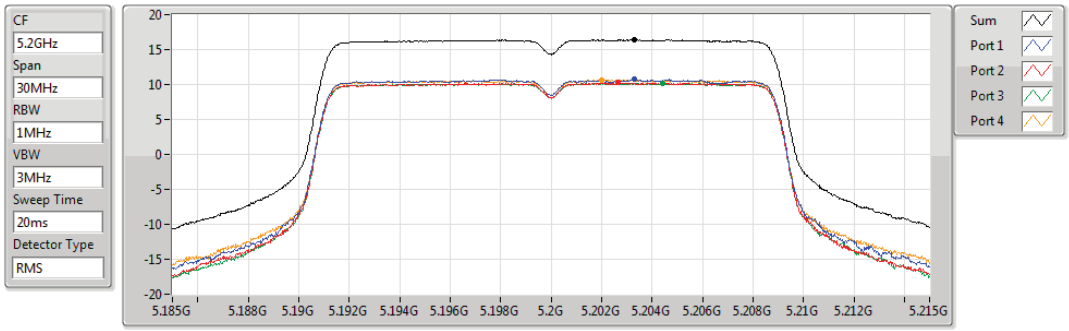
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.67	13.67	8.22	7.38	7.42	7.86

802.11ac VHT20_Nss4,(MCS0)_4TX **PSD**

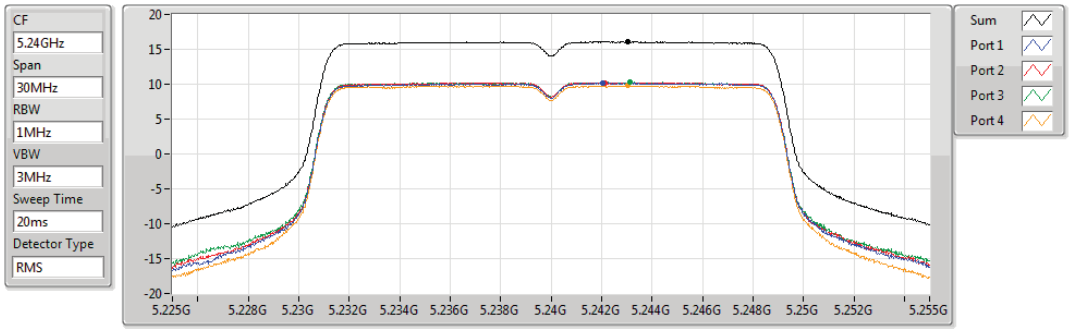
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.41	16.41	10.75	10.24	10.15	10.67

802.11ac VHT20_Nss4,(MCS0)_4TX **PSD**

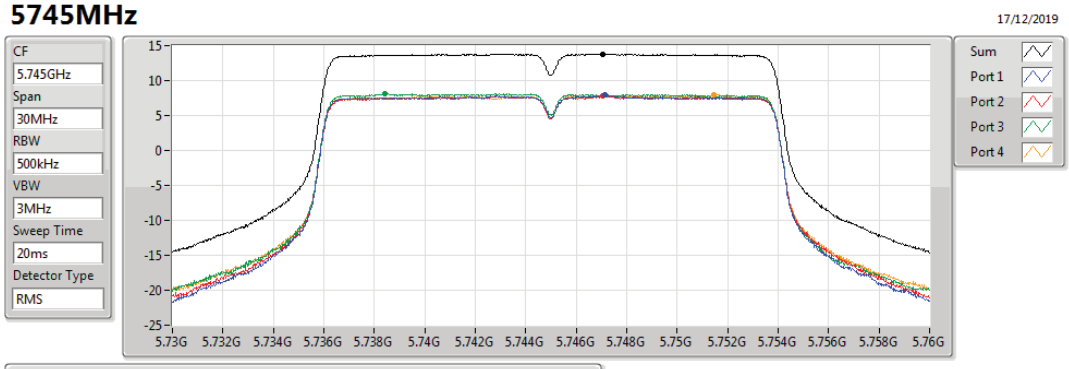
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.09	16.09	10.16	10.20	10.28	9.78

802.11ac VHT20_Nss4,(MCS0)_4TX **PSD**

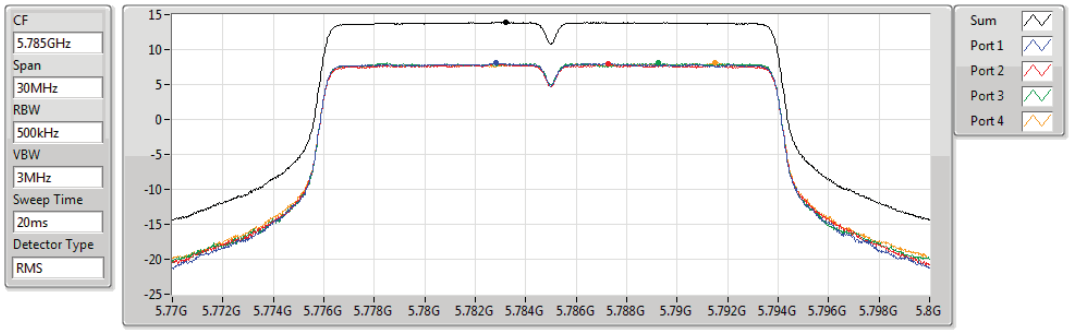
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.80	13.80	7.93	7.83	8.10	8.00

802.11ac VHT20_Nss4,(MCS0)_4TX **PSD**

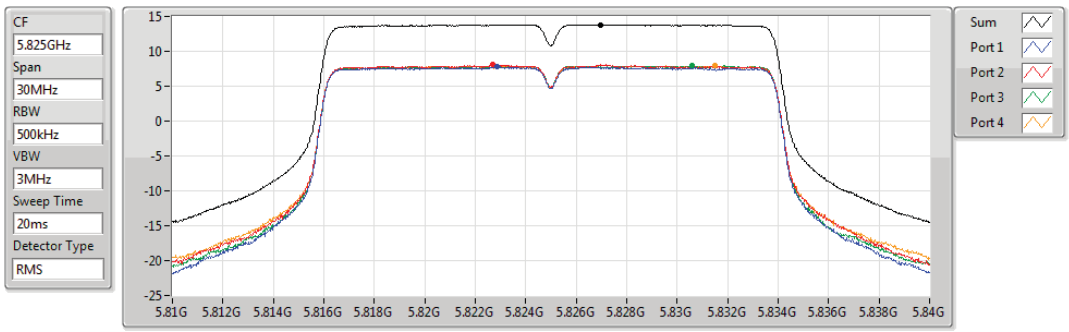
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.90	13.90	8.06	8.03	8.06	8.09

802.11ac VHT20_Nss4,(MCS0)_4TX **PSD**

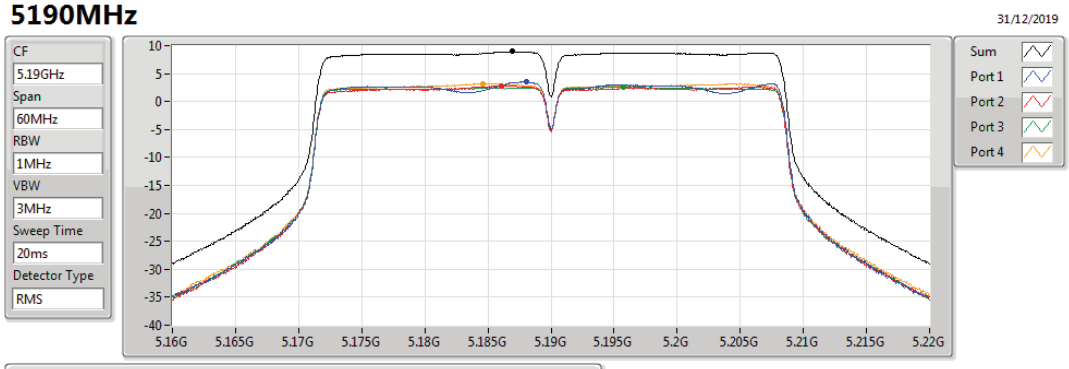
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.82	13.82	7.75	8.11	7.97	7.93

802.11ac VHT40_Nss4,(MCS0)_4TX **PSD**

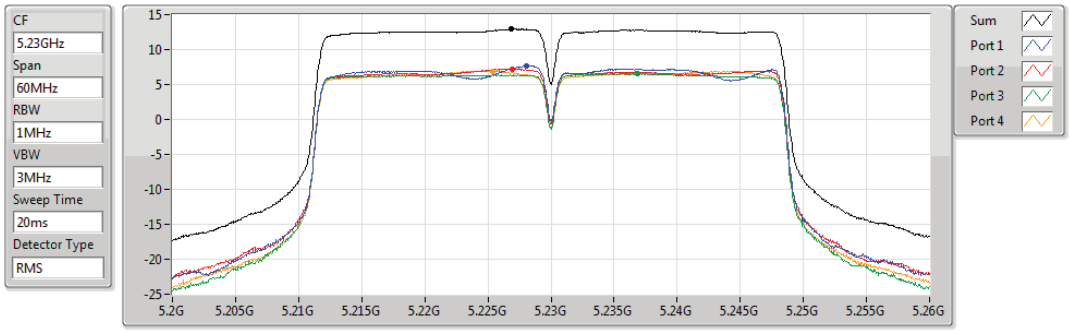
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.94	8.94	3.53	2.81	2.61	3.25

802.11ac VHT40_Nss4,(MCS0)_4TX **PSD**

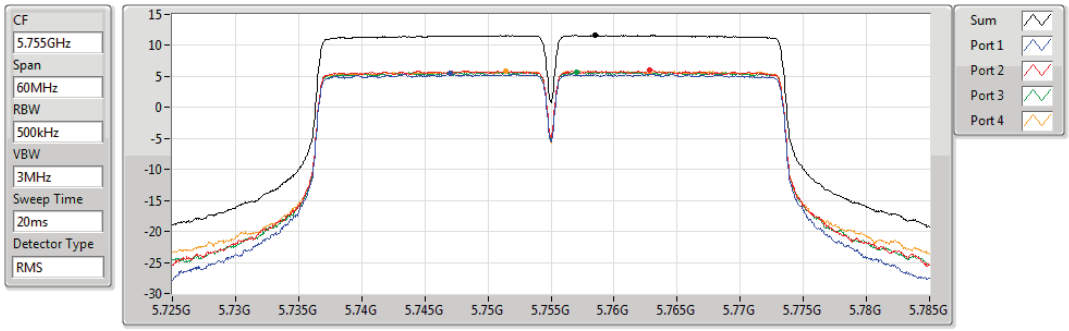
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.92	12.92	7.68	7.23	6.58	6.95

802.11ac VHT40_Nss4,(MCS0)_4TX **PSD**

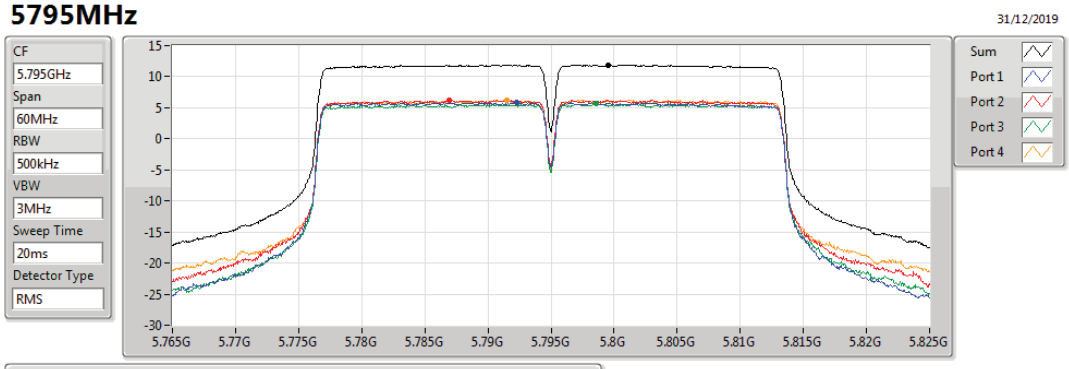
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.63	11.63	5.44	5.98	5.77	5.87

802.11ac VHT40_Nss4,(MCS0)_4TX **PSD**

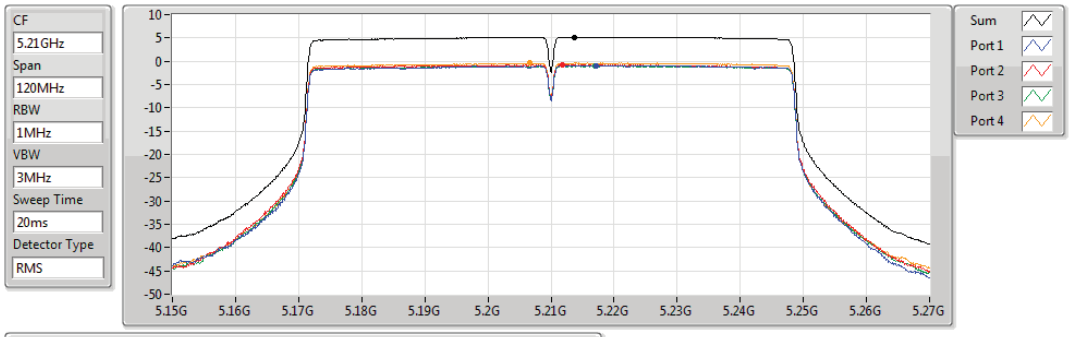
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.87	11.87	5.79	6.25	5.63	6.25

802.11ac VHT80_Nss4,(MCS0)_4TX **PSD**

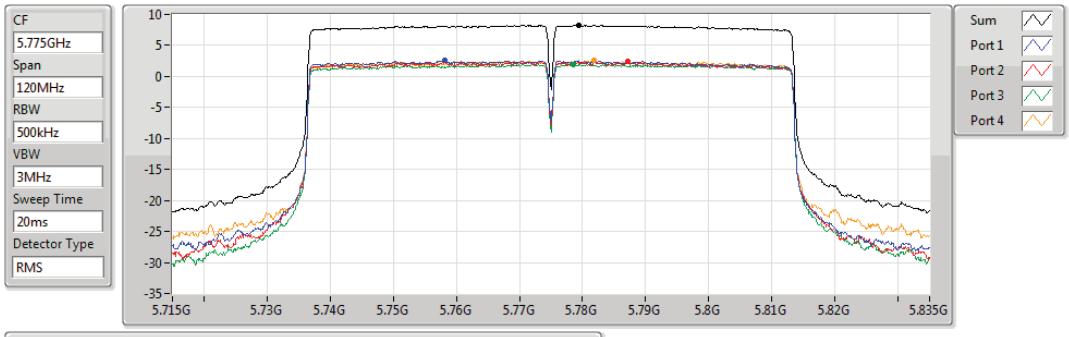
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.19	5.19	-0.97	-0.79	-1.02	-0.36

802.11ac VHT80_Nss4,(MCS0)_4TX **PSD**

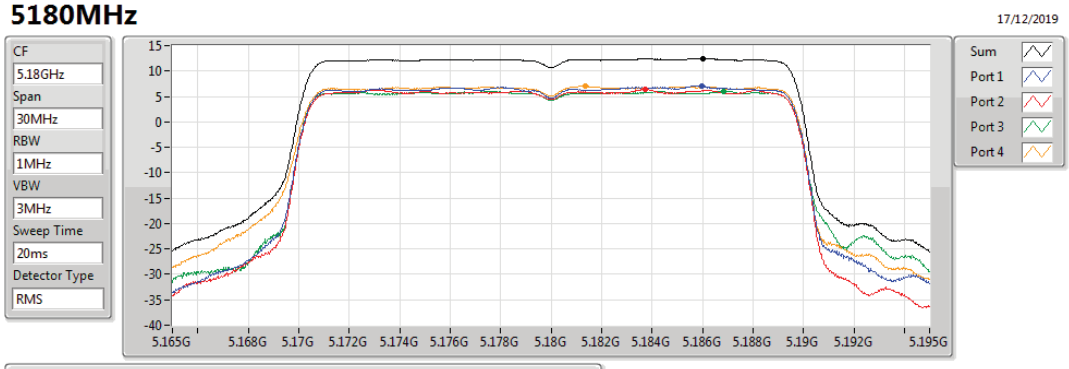
5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.27	8.27	2.54	2.36	1.98	2.57

802.11ax HEW20_Nss4,(MCS0)_4TX **PSD**

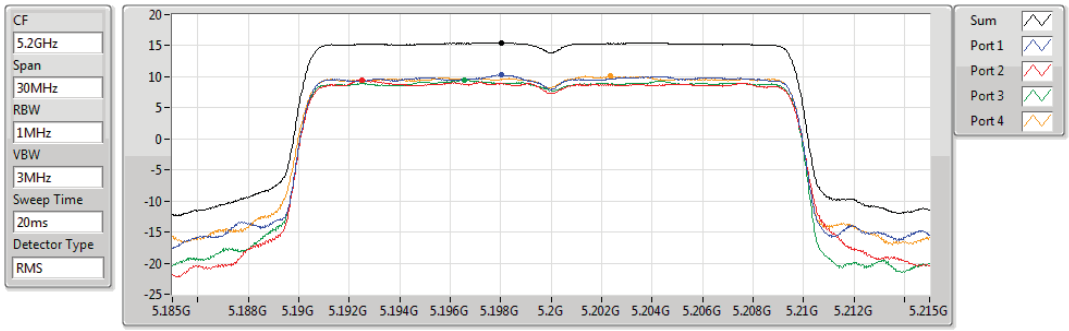
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.44	12.44	7.09	6.37	6.04	7.03

802.11ax HEW20_Nss4,(MCS0)_4TX **PSD**

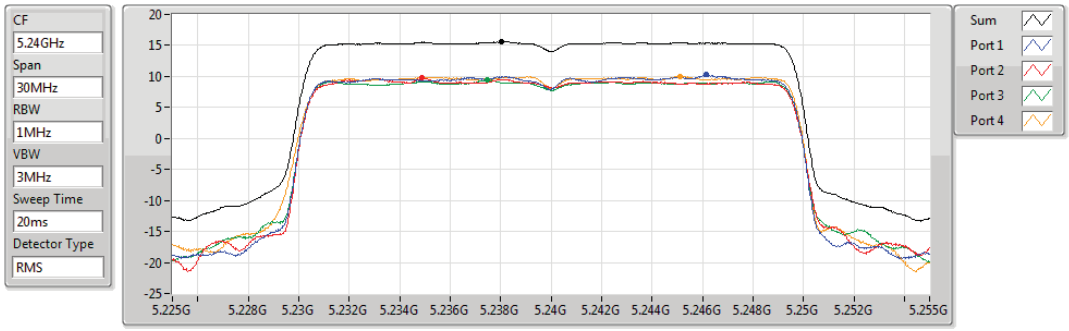
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.48	15.48	10.33	9.46	9.51	10.08

802.11ax HEW20_Nss4,(MCS0)_4TX **PSD**

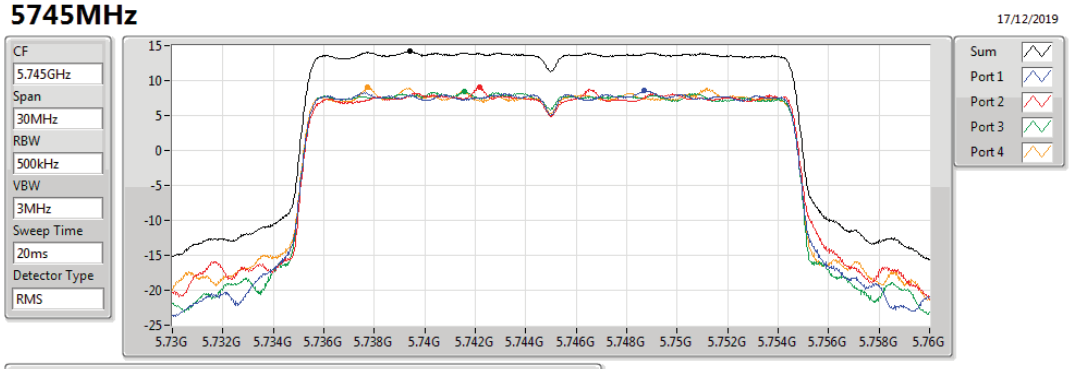
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.59	15.59	10.27	9.74	9.42	10.01

802.11ax HEW20_Nss4,(MCS0)_4TX **PSD**

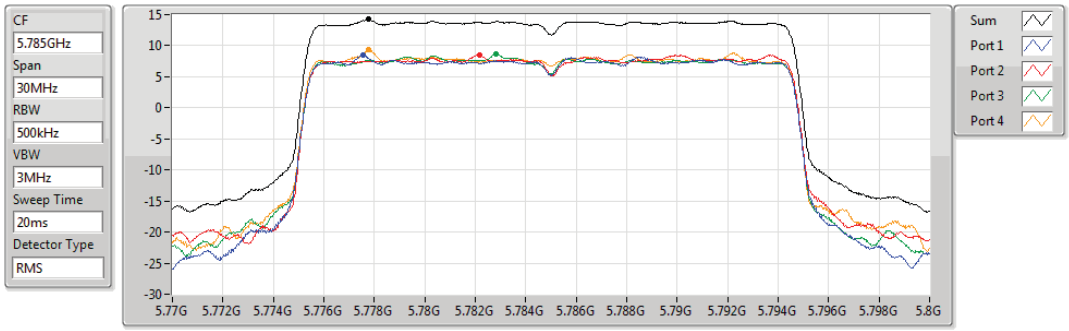
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.16	14.16	8.58	9.08	8.37	8.99

802.11ax HEW20_Nss4,(MCS0)_4TX **PSD**

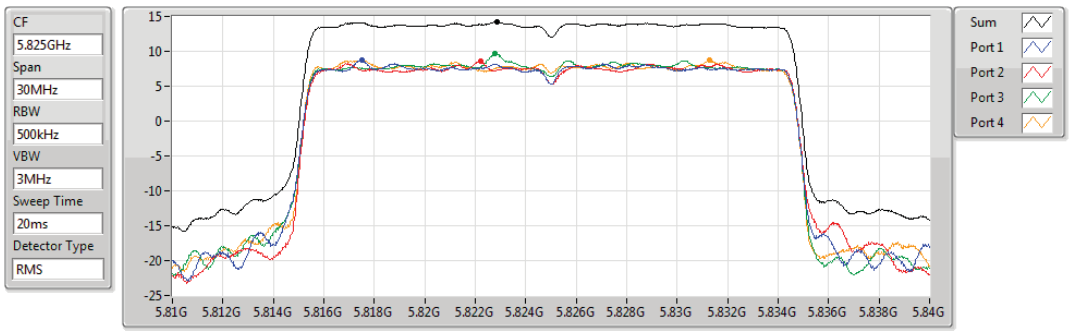
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.21	14.21	8.51	8.53	8.62	9.39

802.11ax HEW20_Nss4,(MCS0)_4TX **PSD**

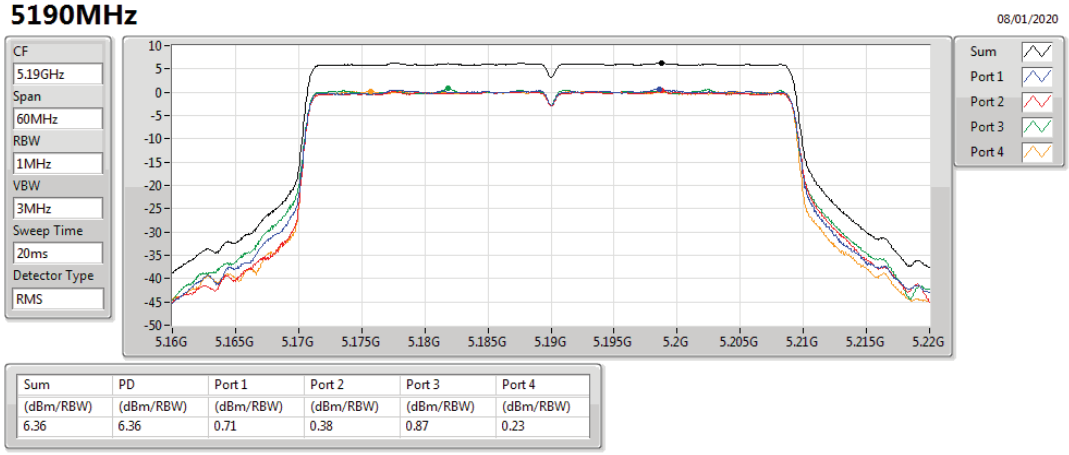
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.28	14.28	8.76	8.58	9.69	8.74

802.11ax HEW40_Nss4,(MCS0)_4TX **PSD**

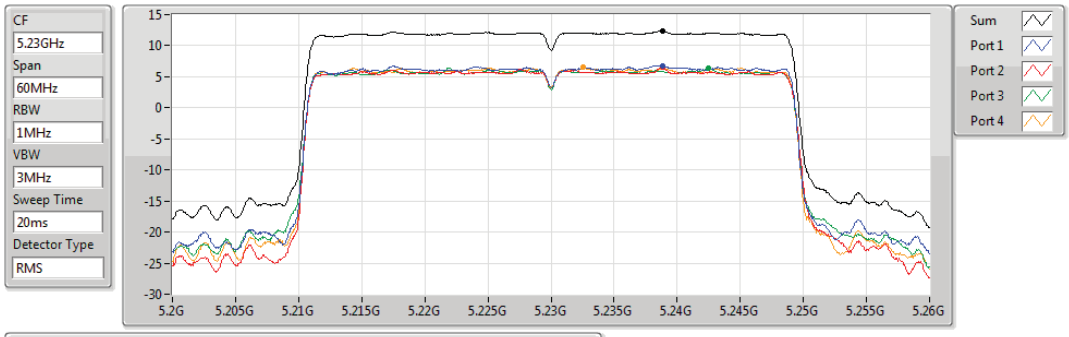
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.36	6.36	0.71	0.38	0.87	0.23

802.11ax HEW40_Nss4,(MCS0)_4TX **PSD**

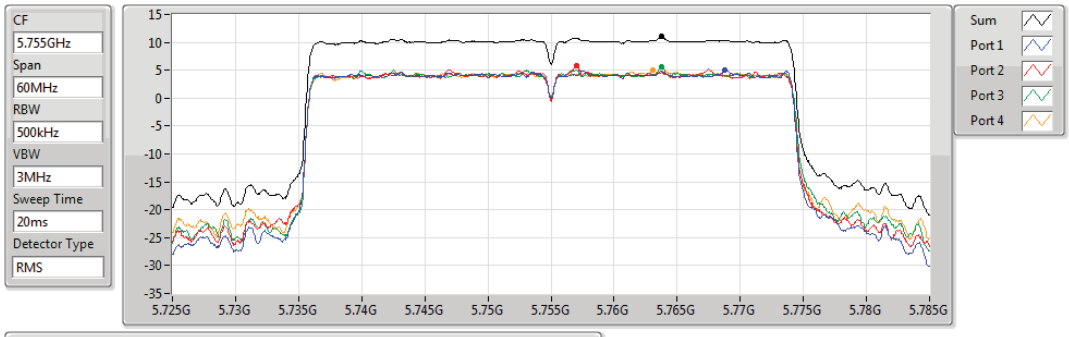
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.40	12.40	6.76	6.58	6.41	6.48

802.11ax HEW40_Nss4,(MCS0)_4TX **PSD**

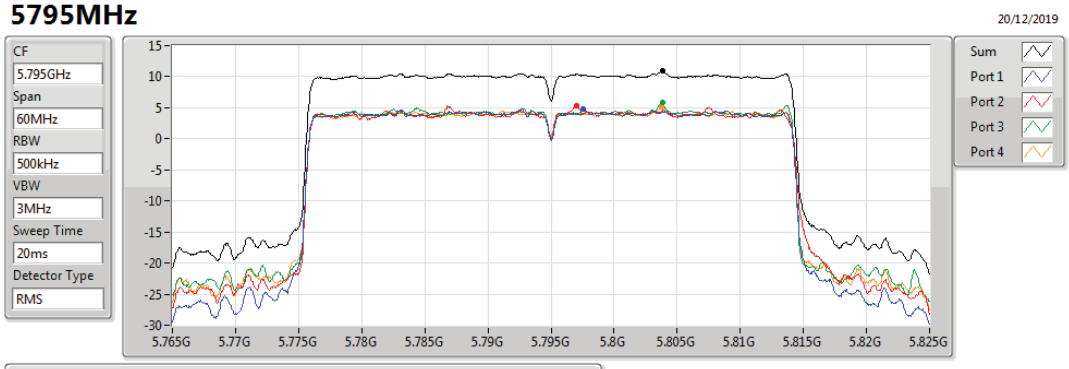
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.00	11.00	5.01	5.73	5.66	4.98

802.11ax HEW40_Nss4,(MCS0)_4TX **PSD**

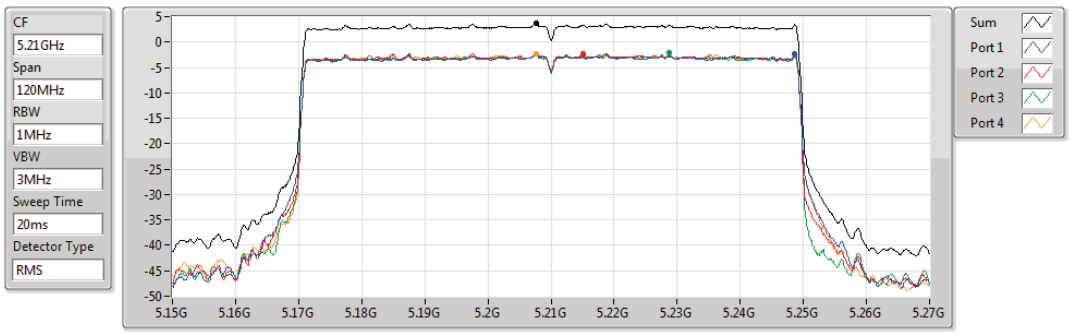
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.00	11.00	4.79	5.34	5.83	5.24

802.11ax HEW80_Nss4,(MCS0)_4TX **PSD**

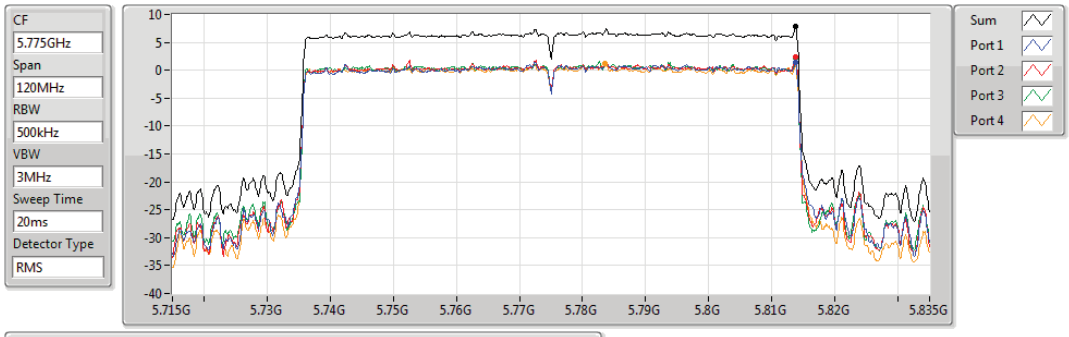
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.69	3.69	-2.28	-2.20	-2.16	-2.20

802.11ax HEW80_Nss4,(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)
7.84	7.84	1.50	2.44	2.15	1.27

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	14.26	19.96
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	12.30	18.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	2.53	8.23
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	13.15	18.85
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	9.48	15.18
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	2.58	8.28
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	13.00	19.60
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	10.95	17.55
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	10.36	16.96
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	13.17	19.77
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	10.34	16.94
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	9.32	15.92

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

Result

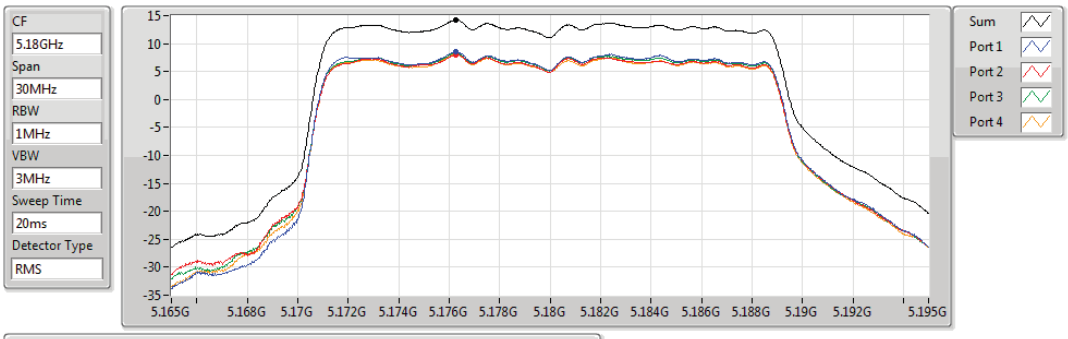
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	5.70	8.56	8.06	8.31	8.08	14.26	17.00	19.96	23.00
5200MHz	Pass	5.70	6.93	8.71	8.07	7.82	13.18	17.00	18.88	23.00
5240MHz	Pass	5.70	8.14	8.11	8.92	7.57	13.77	17.00	19.47	23.00
5745MHz	Pass	6.60	7.62	6.96	7.23	7.03	12.95	29.40	19.55	36.00
5785MHz	Pass	6.60	7.08	6.92	7.59	7.10	13.00	29.40	19.60	36.00
5825MHz	Pass	6.60	7.05	6.85	7.58	6.74	12.81	29.40	19.41	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	5.70	2.23	1.95	1.95	1.38	7.90	17.00	13.60	23.00
5230MHz	Pass	5.70	6.50	6.76	5.67	6.16	12.30	17.00	18.00	23.00
5755MHz	Pass	6.60	5.26	5.09	4.94	4.84	10.84	29.40	17.44	36.00
5795MHz	Pass	6.60	5.22	4.96	5.20	5.03	10.95	29.40	17.55	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	5.70	-3.71	-3.15	-3.34	-3.64	2.53	17.00	8.23	23.00
5775MHz	Pass	6.60	4.69	4.28	4.54	3.78	10.36	29.40	16.96	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	5.70	6.53	7.13	6.92	7.07	12.91	17.00	18.61	23.00
5200MHz	Pass	5.70	7.56	7.66	7.69	7.97	13.15	17.00	18.85	23.00
5240MHz	Pass	5.70	6.50	6.26	6.65	5.79	11.83	17.00	17.53	23.00
5745MHz	Pass	6.60	7.37	7.08	7.63	7.22	13.17	29.40	19.77	36.00
5785MHz	Pass	6.60	7.90	6.86	7.32	6.69	13.10	29.40	19.70	36.00
5825MHz	Pass	6.60	7.09	6.68	7.48	7.02	13.00	29.40	19.60	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	5.70	2.24	2.38	2.32	2.32	8.31	17.00	14.01	23.00
5230MHz	Pass	5.70	3.36	5.80	2.67	4.76	9.48	17.00	15.18	23.00
5755MHz	Pass	6.60	4.77	4.52	4.53	4.28	10.34	29.40	16.94	36.00
5795MHz	Pass	6.60	4.46	4.36	4.65	4.30	10.31	29.40	16.91	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	5.70	-3.39	-3.19	-3.47	-3.54	2.58	17.00	8.28	23.00
5775MHz	Pass	6.60	3.30	3.52	3.47	2.89	9.32	29.40	15.92	36.00

DG = Directional Gain; **RBW** = 500 kHz 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 X power density;

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **PSD**

5180MHz

03/03/2020

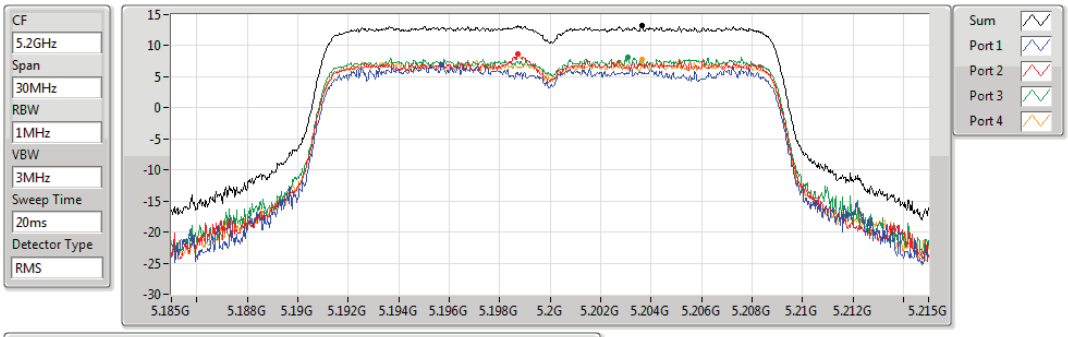


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.26	14.26	8.56	8.06	8.31	8.08

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **PSD**

5200MHz

11/02/2020

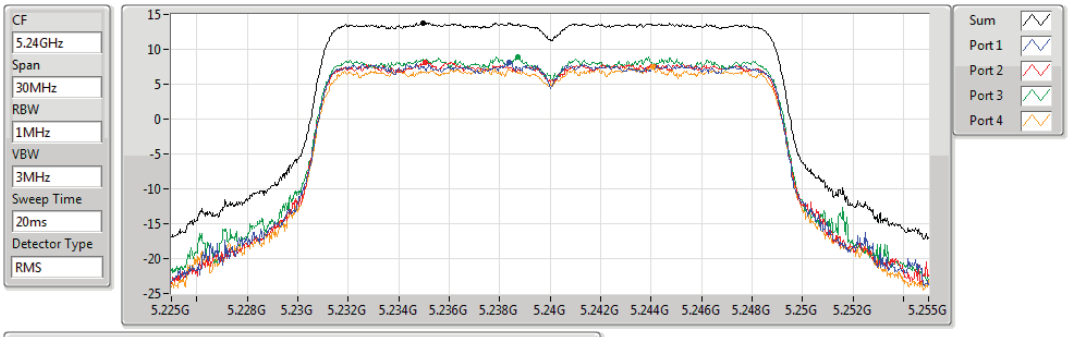


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.18	13.18	6.93	8.71	8.07	7.82

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **PSD**

5240MHz

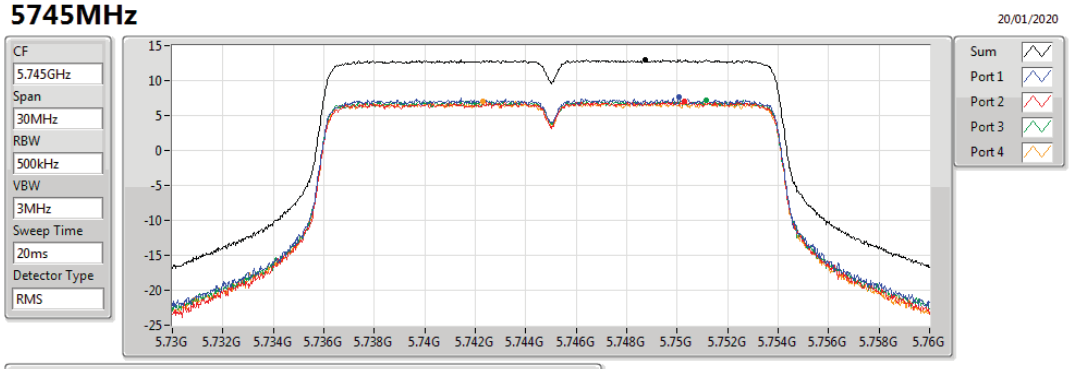
11/02/2020



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.77	13.77	8.14	8.11	8.92	7.57

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **PSD**

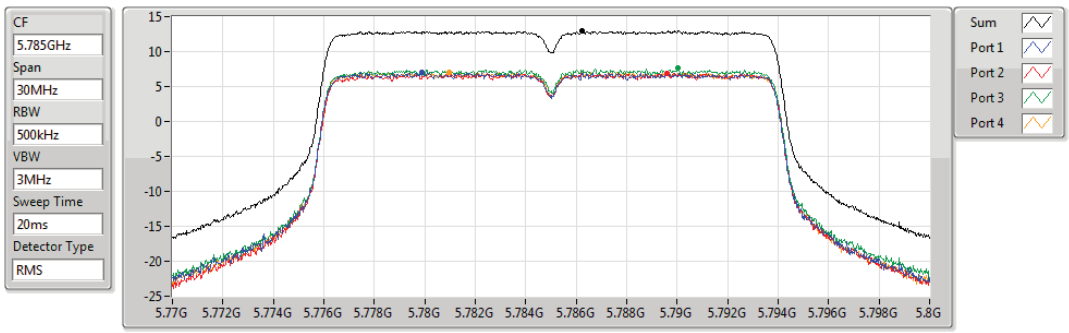
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.95	12.95	7.62	6.96	7.23	7.03

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **PSD**

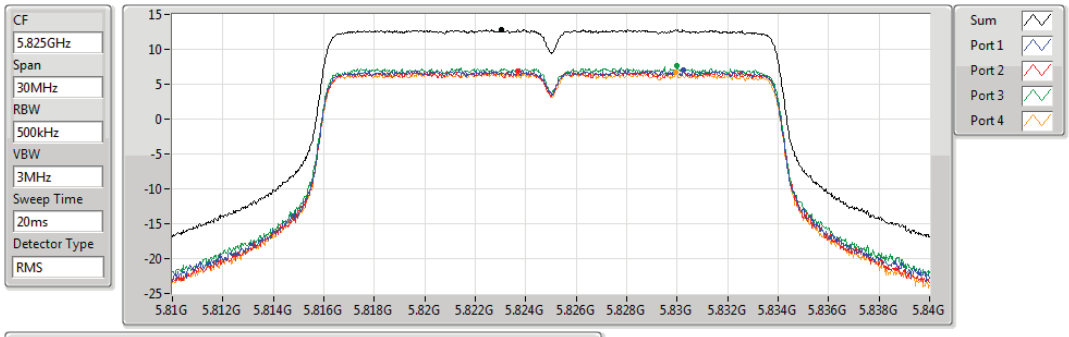
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.00	13.00	7.08	6.92	7.59	7.10

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **PSD**

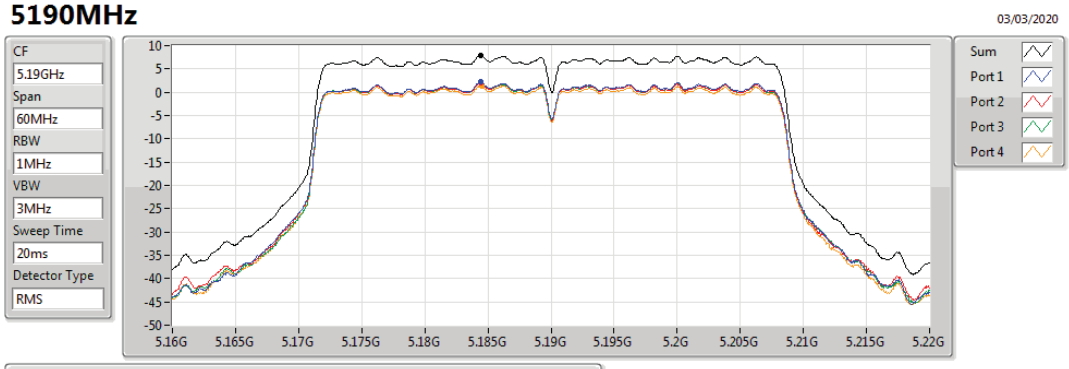
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.81	12.81	7.05	6.85	7.58	6.74

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

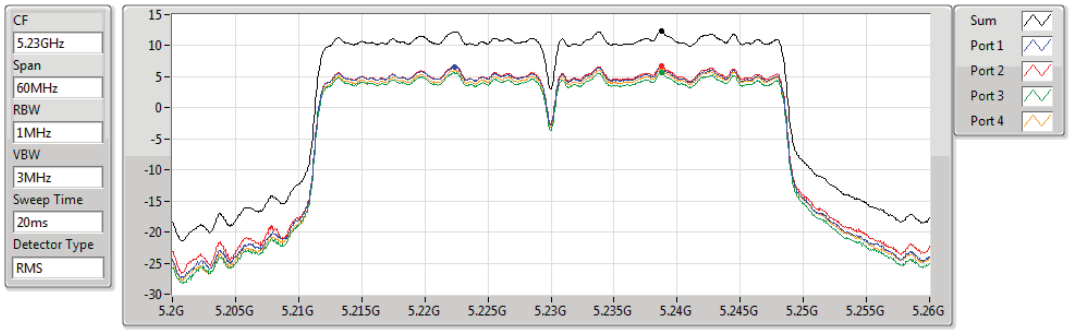
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.90	7.90	2.23	1.95	1.95	1.38

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

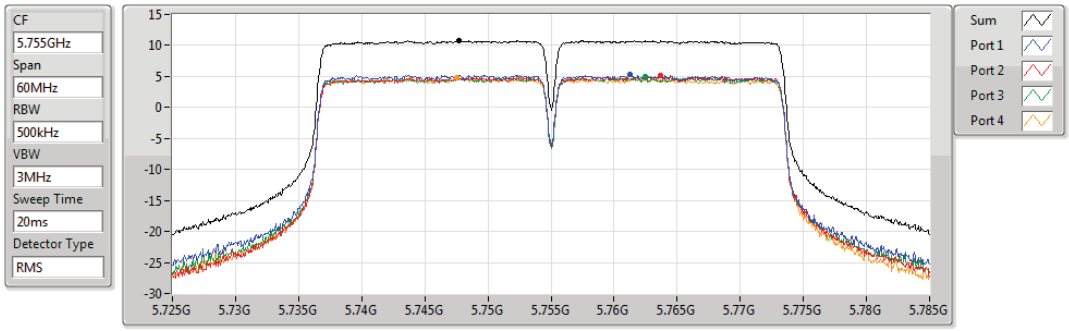
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.30	12.30	6.50	6.76	5.67	6.16

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

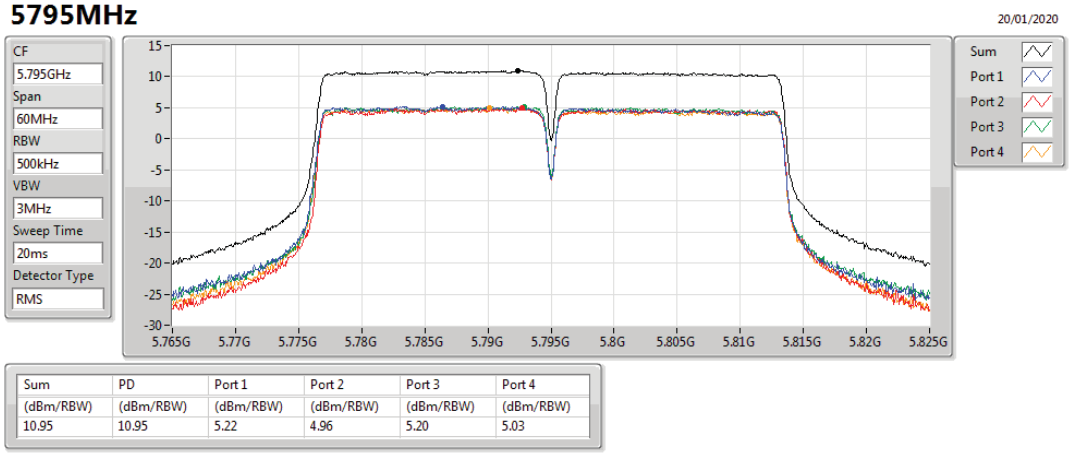
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.84	10.84	5.26	5.09	4.94	4.84

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)
10.95	10.95	5.22	4.96	5.20	5.03

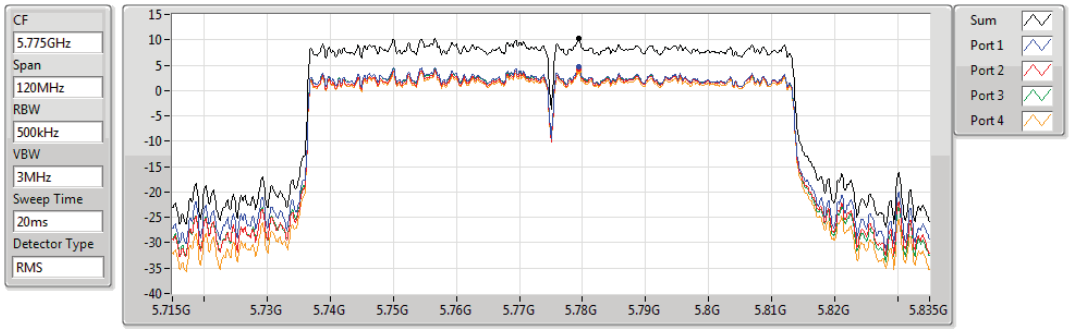
802.11ac VHT80-BF_Nss1,(MCS0)_4TX **PSD**

5210MHz

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.53	2.53	-3.71	-3.15	-3.34	-3.64

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

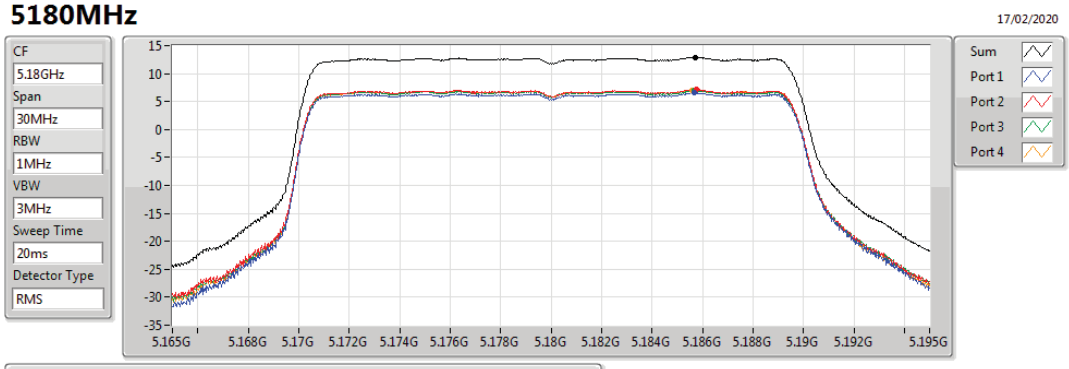
5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.36	10.36	4.69	4.28	4.54	3.78

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

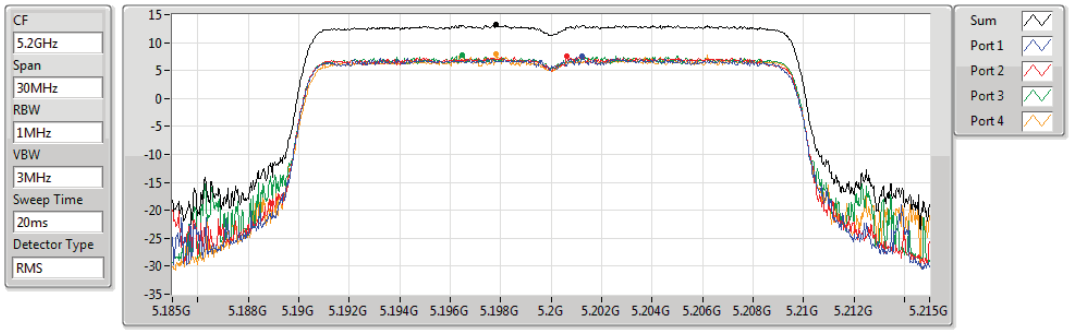
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.91	12.91	6.53	7.13	6.92	7.07

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

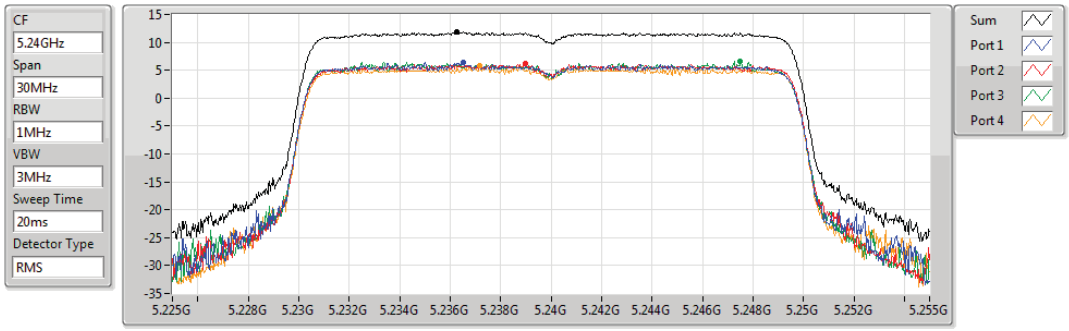
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.15	13.15	7.56	7.66	7.69	7.97

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

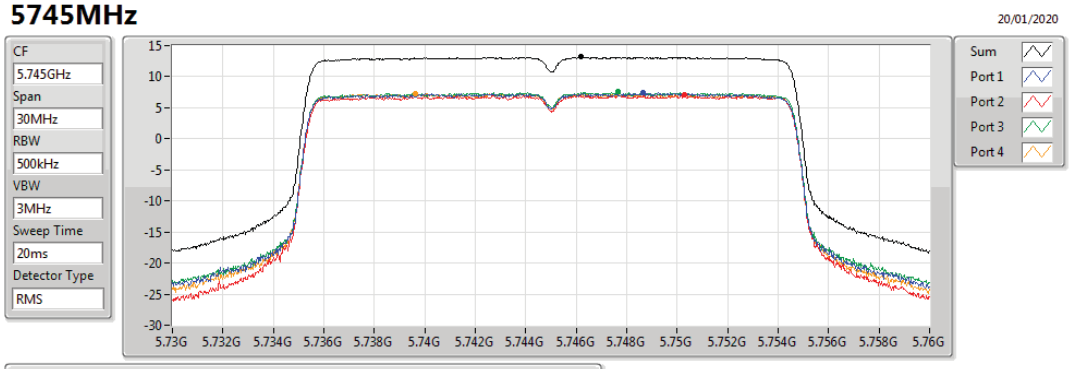
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.83	11.83	6.50	6.26	6.65	5.79

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

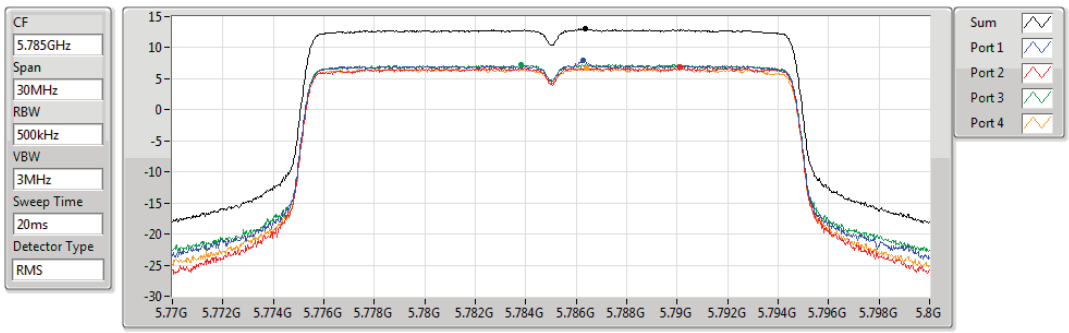
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.17	13.17	7.37	7.08	7.63	7.22

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

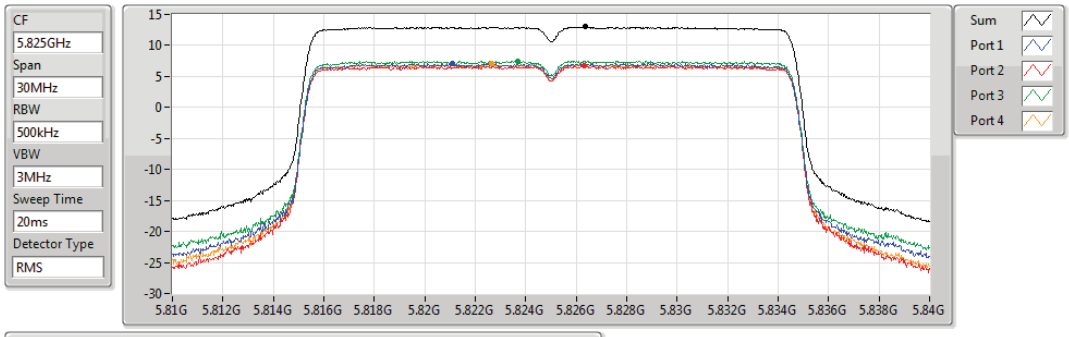
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.10	13.10	7.90	6.86	7.32	6.69

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

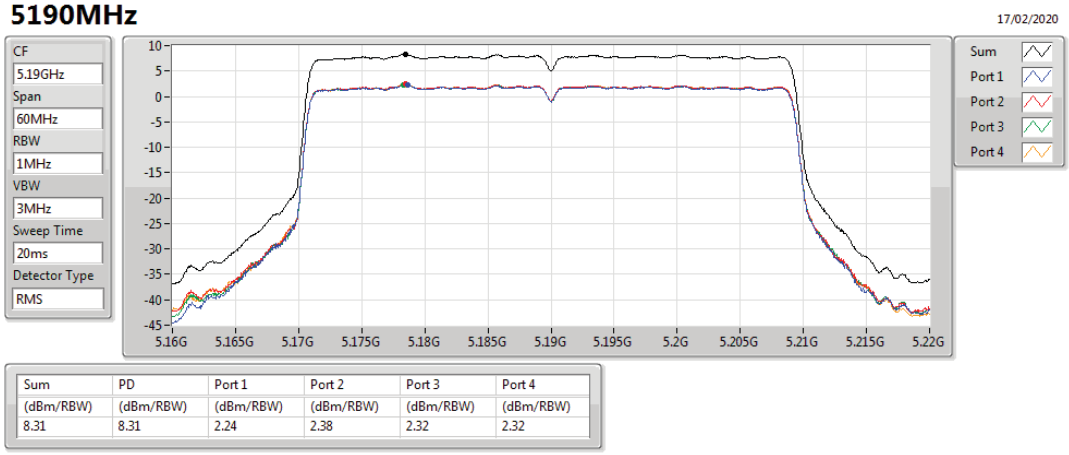
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.00	13.00	7.09	6.68	7.48	7.02

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **PSD**

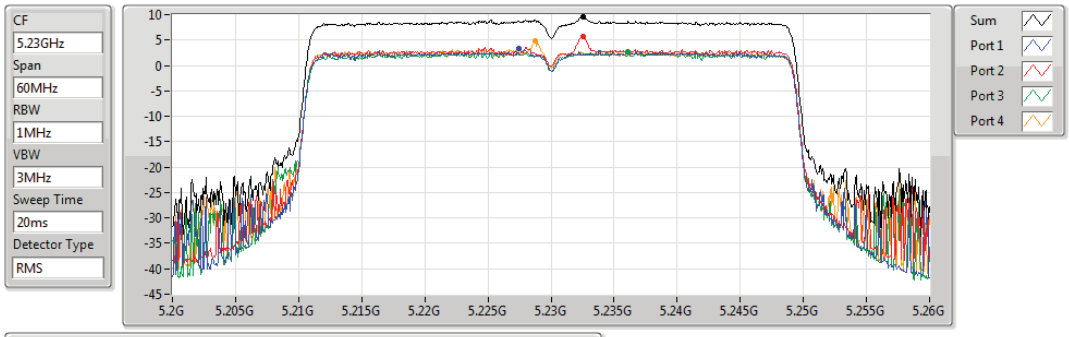
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.31	8.31	2.24	2.38	2.32	2.32

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **PSD**

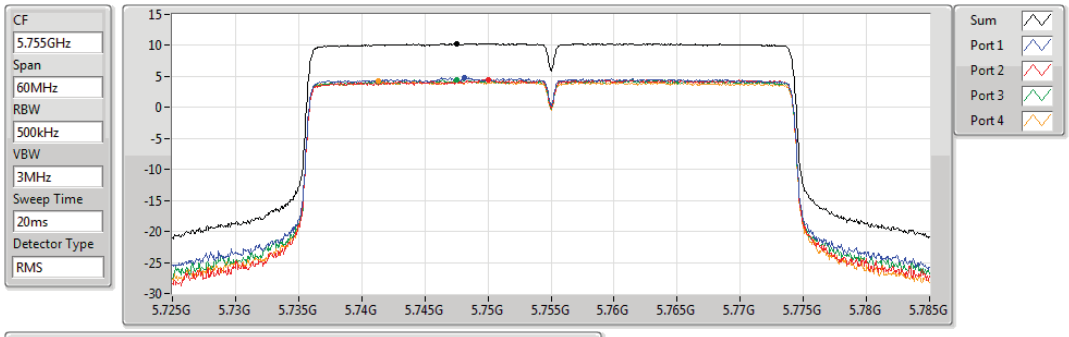
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.48	9.48	3.36	5.80	2.67	4.76

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **PSD**

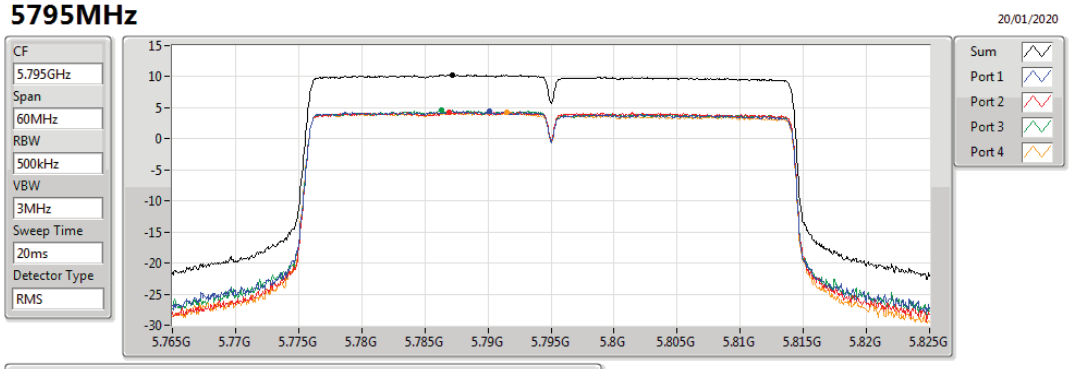
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.34	10.34	4.77	4.52	4.53	4.28

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **PSD**

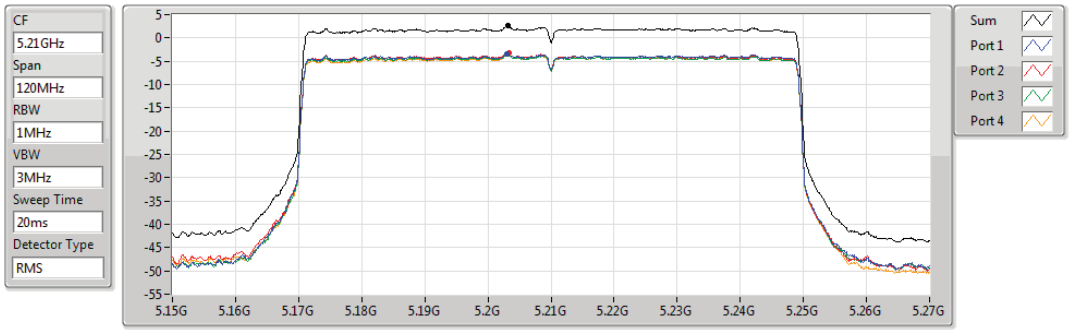
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.31	10.31	4.46	4.36	4.65	4.30

802.11ax HEW80-BF_Nss1,(MCS0)_4TX **PSD**

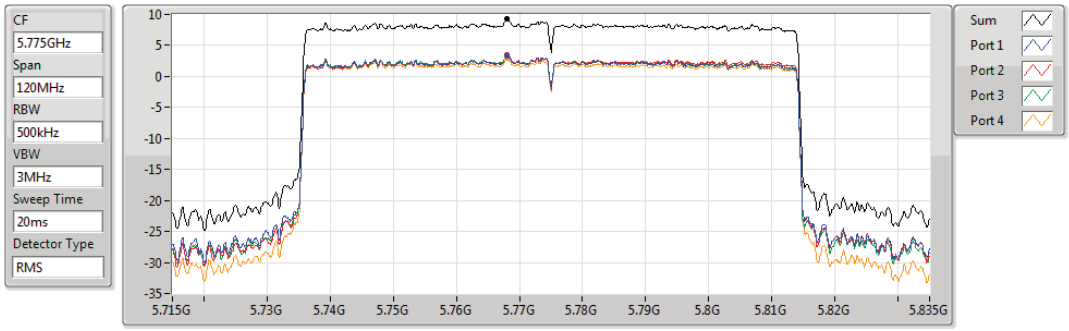
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.58	2.58	-3.39	-3.19	-3.47	-3.54

802.11ax HEW80-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)
9.32	9.32	3.30	3.52	3.47	2.89

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80_Nss4,(MCS0)_4TX	Pass	PK	850.62M	41.22	46.00	-4.78	3	Horizontal	0	1.00	-

Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	PK	55.22M	26.10	40.00	-13.90	3	Vertical	360	1.00	-
5775MHz	Pass	PK	99.84M	27.68	43.50	-15.82	3	Vertical	360	1.00	-
5775MHz	Pass	PK	253.1M	29.60	46.00	-16.40	3	Vertical	360	1.00	-
5775MHz	Pass	PK	610.06M	39.54	46.00	-6.46	3	Vertical	360	1.00	-
5775MHz	Pass	PK	635.28M	40.29	46.00	-5.71	3	Vertical	360	1.00	-
5775MHz	Pass	PK	858.38M	38.07	46.00	-7.93	3	Vertical	360	1.00	-
5775MHz	Pass	PK	30M	25.23	40.00	-14.77	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	185.2M	24.76	43.50	-18.74	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	258.92M	30.25	46.00	-15.75	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	375.32M	31.01	46.00	-14.99	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	672.14M	34.87	46.00	-11.13	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	850.62M	41.22	46.00	-4.78	3	Horizontal	0	1.00	-

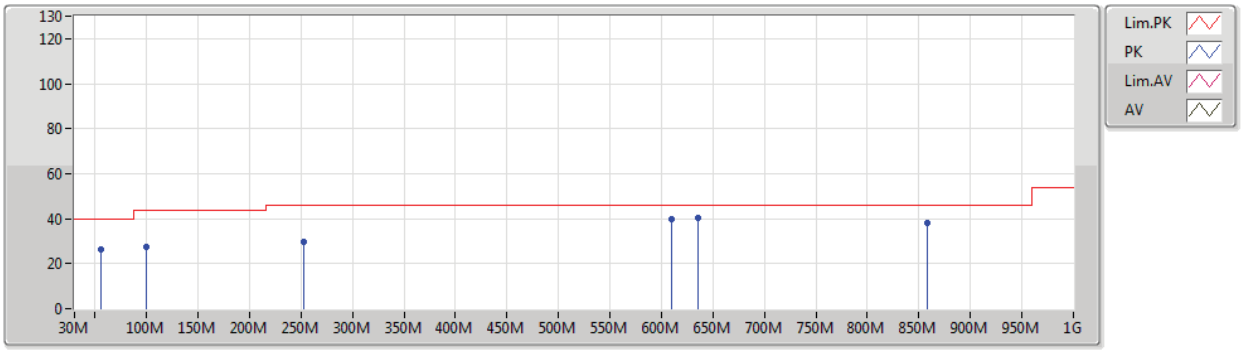
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW80_Nss4,(MCS0)_4TX

5775MHz_Adapter

30/12/2019



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	55.22M	26.10	40.00	-13.90	-14.41	3	Vertical	360	1.00	-	40.51	11.99	1.11	27.51
PK	99.84M	27.68	43.50	-15.82	-9.92	3	Vertical	360	1.00	-	37.60	15.94	1.52	27.38
PK	253.1M	29.60	46.00	-16.40	-6.38	3	Vertical	360	1.00	-	35.98	17.86	2.50	26.74
PK	610.06M	39.54	46.00	-6.46	-0.08	3	Vertical	360	1.00	-	39.62	23.88	4.10	28.06
PK	635.28M	40.29	46.00	-5.71	0.23	3	Vertical	360	1.00	-	40.06	24.18	4.15	28.10
PK	858.38M	38.07	46.00	-7.93	2.58	3	Vertical	360	1.00	-	35.49	25.39	4.89	27.70

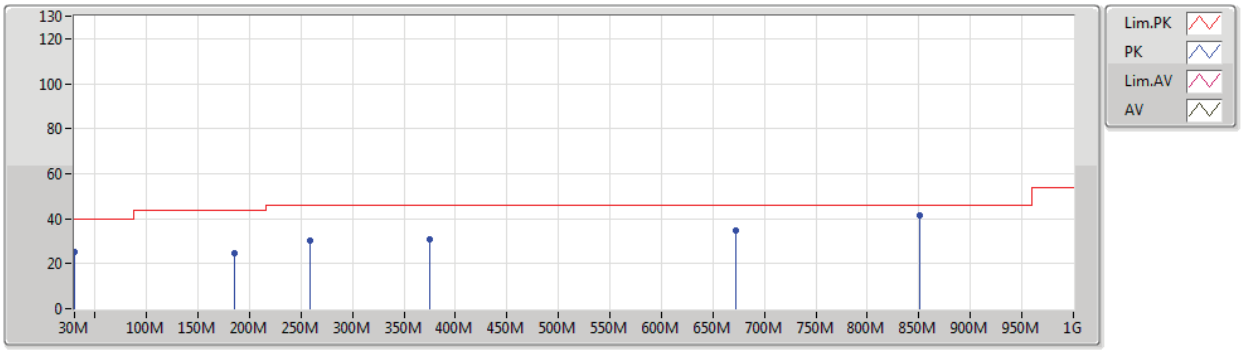
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

802.11ax HEW80_Nss4,(MCS0)_4TX

5775MHz_Adapter

30/12/2019



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	30M	25.23	40.00	-14.77	-5.45	3	Horizontal	0	1.00	-	30.68	21.32	0.80	27.57
PK	185.2M	24.76	43.50	-18.74	-10.62	3	Horizontal	0	1.00	-	35.38	14.26	2.13	27.01
PK	258.92M	30.25	46.00	-15.75	-5.65	3	Horizontal	0	1.00	-	35.90	18.56	2.52	26.73
PK	375.32M	31.01	46.00	-14.99	-4.11	3	Horizontal	0	1.00	-	35.12	19.95	3.08	27.14
PK	672.14M	34.87	46.00	-11.13	0.15	3	Horizontal	0	1.00	-	34.72	23.98	4.26	28.09
PK	850.62M	41.22	46.00	-4.78	2.45	3	Horizontal	0	1.00	-	38.77	25.32	4.87	27.74

Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	Pass	PK	826.76M	42.61	46.00	-3.39	3	Horizontal	360	1.00	-

Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	PK	33.25M	36.51	40.00	-3.49	3	Vertical	0	1.00	-
5775MHz	Pass	PK	74.62M	31.35	40.00	-8.65	3	Vertical	0	1.00	-
5775MHz	Pass	PK	165.8M	34.91	43.50	-8.59	3	Vertical	0	1.00	-
5775MHz	Pass	PK	318M	29.83	46.00	-16.17	3	Vertical	0	1.00	-
5775MHz	Pass	PK	600.36M	36.88	46.00	-9.12	3	Vertical	0	1.00	-
5775MHz	Pass	PK	807.93M	35.11	46.00	-10.89	3	Vertical	0	1.00	-
5775MHz	Pass	PK	36.73M	36.52	40.00	-3.48	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	166.75M	38.18	43.50	-5.32	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	191.02M	35.61	43.50	-7.89	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	365.62M	34.52	46.00	-11.48	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	722.58M	36.69	46.00	-9.31	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	826.76M	42.61	46.00	-3.39	3	Horizontal	360	1.00	-

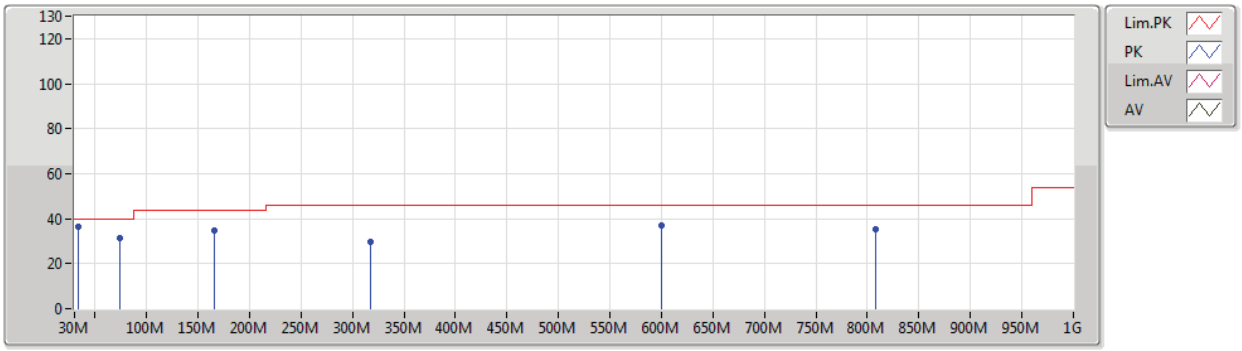
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5775MHz_Adapter

25/02/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	33.25M	36.51	40.00	-3.49	-3.99	3	Vertical	0	1.00	-	40.50	22.72	0.85	27.56
PK	74.62M	31.35	40.00	-8.65	-13.63	3	Vertical	0	1.00	-	44.98	12.51	1.30	27.44
PK	165.8M	34.91	43.50	-8.59	-9.19	3	Vertical	0	1.00	-	44.10	15.93	1.99	27.11
PK	318M	29.83	46.00	-16.17	-4.56	3	Vertical	0	1.00	-	34.39	19.41	2.83	26.80
PK	600.36M	36.88	46.00	-9.12	1.66	3	Vertical	0	1.00	-	35.22	25.63	4.08	28.05
PK	807.93M	35.11	46.00	-10.89	5.04	3	Vertical	0	1.00	-	30.07	28.11	4.77	27.84

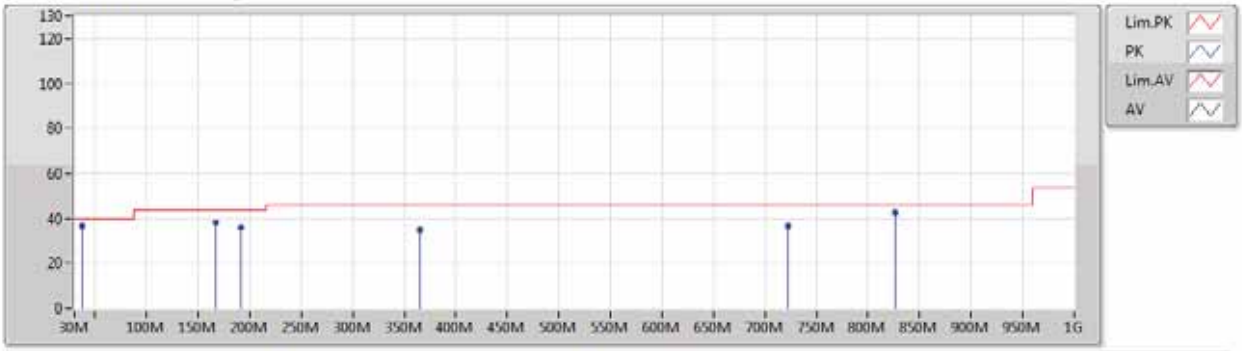
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

25/02/2020

5775MHz_Adapter



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	36.73M	36.52	40.00	-3.48	-5.72	3	Horizontal	360	1.00	-	42.24	20.93	0.90	27.55
PK	166.75M	38.18	43.50	-5.32	-9.26	3	Horizontal	360	1.00	-	47.44	15.85	2.00	27.11
PK	191.02M	35.61	43.50	-7.89	-10.00	3	Horizontal	360	1.00	-	45.61	14.82	2.16	26.98
PK	365.62M	34.52	46.00	-11.48	-3.29	3	Horizontal	360	1.00	-	37.81	20.75	3.03	27.07
PK	722.58M	36.69	46.00	-9.31	3.72	3	Horizontal	360	1.00	-	32.97	27.33	4.43	28.04
PK	826.76M	42.61	46.00	-3.39	5.72	3	Horizontal	360	1.00	-	36.89	28.71	4.81	27.80

Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	Pass	PK	10.4006G	67.85	68.20	-0.35	3	Vertical	180	1.39	-
802.11ax HEW20_Nss4,(MCS0)_4TX	Pass	PK	10.48636G	68.05	68.20	-0.15	3	Vertical	79	1.47	-
802.11ac VHT40_Nss4,(MCS0)_4TX	Pass	AV	5.15G	53.76	54.00	-0.24	3	Vertical	334	1.50	-
802.11ax HEW40_Nss4,(MCS0)_4TX	Pass	AV	5.15G	53.30	54.00	-0.70	3	Vertical	291	1.66	-
802.11ac VHT80_Nss4,(MCS0)_4TX	Pass	AV	5.145G	53.70	54.00	-0.30	3	Vertical	297	1.57	-
802.11ax HEW80_Nss4,(MCS0)_4TX	Pass	AV	5.145G	53.70	54.00	-0.30	3	Vertical	297	1.57	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	Pass	PK	17.48964G	65.21	68.20	-2.99	3	Horizontal	311	1.83	-
802.11ax HEW20_Nss4,(MCS0)_4TX	Pass	PK	17.47044G	64.00	68.20	-4.20	3	Horizontal	311	2.88	-
802.11ac VHT40_Nss4,(MCS0)_4TX	Pass	PK	5.6494G	64.68	68.20	-3.52	3	Vertical	36	1.49	-
802.11ax HEW40_Nss4,(MCS0)_4TX	Pass	PK	5.6482G	65.98	68.20	-2.22	3	Vertical	27	1.51	-
802.11ac VHT80_Nss4,(MCS0)_4TX	Pass	PK	5.643G	67.58	68.20	-0.62	3	Vertical	266	1.50	-
802.11ax HEW80_Nss4,(MCS0)_4TX	Pass	PK	5.649G	68.04	68.20	-0.16	3	Vertical	269	1.57	-

Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ac VHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.15G	53.64	54.00	-0.36	3	Vertical	337	1.50	-
5180MHz	Pass	AV	5.1866G	106.94	Inf	-Inf	3	Vertical	337	1.50	-
5180MHz	Pass	PK	5.15G	69.83	74.00	-4.17	3	Vertical	337	1.50	-
5180MHz	Pass	PK	5.1862G	116.90	Inf	-Inf	3	Vertical	337	1.50	-
5180MHz	Pass	AV	5.15G	48.49	54.00	-5.51	3	Horizontal	167	1.73	-
5180MHz	Pass	AV	5.1822G	99.57	Inf	-Inf	3	Horizontal	167	1.73	-
5180MHz	Pass	PK	5.1498G	62.62	74.00	-11.38	3	Horizontal	167	1.73	-
5180MHz	Pass	PK	5.1824G	109.34	Inf	-Inf	3	Horizontal	167	1.73	-
5180MHz	Pass	AV	15.53994G	46.38	54.00	-7.62	3	Vertical	225	1.50	-
5180MHz	Pass	PK	10.35814G	64.86	68.20	-3.34	3	Vertical	181	1.54	-
5180MHz	Pass	PK	15.52524G	60.37	74.00	-13.63	3	Vertical	225	1.50	-
5180MHz	Pass	AV	15.52626G	46.45	54.00	-7.55	3	Horizontal	331	1.48	-
5180MHz	Pass	PK	10.36072G	63.60	68.20	-4.60	3	Horizontal	291	1.51	-
5180MHz	Pass	PK	15.5364G	60.09	74.00	-13.91	3	Horizontal	331	1.48	-
5200MHz	Pass	AV	5.1496G	51.61	54.00	-2.39	3	Vertical	335	1.59	-
5200MHz	Pass	AV	5.2064G	111.38	Inf	-Inf	3	Vertical	335	1.59	-
5200MHz	Pass	PK	5.1468G	65.36	74.00	-8.64	3	Vertical	335	1.59	-
5200MHz	Pass	PK	5.2064G	121.33	Inf	-Inf	3	Vertical	335	1.59	-
5200MHz	Pass	AV	5.15G	47.18	54.00	-6.82	3	Horizontal	163	1.46	-
5200MHz	Pass	AV	5.202G	103.42	Inf	-Inf	3	Horizontal	163	1.46	-
5200MHz	Pass	PK	5.1308G	59.52	74.00	-14.48	3	Horizontal	163	1.46	-
5200MHz	Pass	PK	5.202G	112.88	Inf	-Inf	3	Horizontal	163	1.46	-
5200MHz	Pass	AV	15.60486G	46.13	54.00	-7.87	3	Vertical	253	2.93	-
5200MHz	Pass	PK	10.4006G	67.85	68.20	-0.35	3	Vertical	180	1.39	-
5200MHz	Pass	PK	15.58578G	59.42	74.00	-14.58	3	Vertical	253	2.93	-
5200MHz	Pass	AV	15.58536G	46.18	54.00	-7.82	3	Horizontal	100	1.50	-
5200MHz	Pass	PK	10.40072G	66.10	68.20	-2.10	3	Horizontal	291	1.48	-
5200MHz	Pass	PK	15.61452G	60.10	74.00	-13.90	3	Horizontal	100	1.50	-
5240MHz	Pass	AV	5.1494G	48.02	54.00	-5.98	3	Vertical	334	1.41	-
5240MHz	Pass	AV	5.2466G	113.40	Inf	-Inf	3	Vertical	334	1.41	-
5240MHz	Pass	AV	5.35G	47.53	54.00	-6.47	3	Vertical	334	1.41	-
5240MHz	Pass	PK	5.1464G	60.27	74.00	-13.73	3	Vertical	334	1.41	-
5240MHz	Pass	PK	5.2466G	123.12	Inf	-Inf	3	Vertical	334	1.41	-
5240MHz	Pass	PK	5.35G	59.72	74.00	-14.28	3	Vertical	334	1.41	-
5240MHz	Pass	AV	5.1488G	46.58	54.00	-7.42	3	Horizontal	245	1.54	-
5240MHz	Pass	AV	5.2466G	106.39	Inf	-Inf	3	Horizontal	245	1.54	-
5240MHz	Pass	AV	5.35G	46.44	54.00	-7.56	3	Horizontal	245	1.54	-
5240MHz	Pass	PK	5.1116G	58.98	74.00	-15.02	3	Horizontal	245	1.54	-
5240MHz	Pass	PK	5.2436G	116.09	Inf	-Inf	3	Horizontal	245	1.54	-
5240MHz	Pass	PK	5.3516G	59.25	74.00	-14.75	3	Horizontal	245	1.54	-
5240MHz	Pass	AV	15.72846G	45.21	54.00	-8.79	3	Vertical	282	2.99	-
5240MHz	Pass	PK	10.48012G	66.10	68.20	-2.10	3	Vertical	90	2.01	-
5240MHz	Pass	PK	15.70692G	59.20	74.00	-14.80	3	Vertical	282	2.99	-
5240MHz	Pass	AV	15.70722G	45.26	54.00	-8.74	3	Horizontal	334	1.82	-
5240MHz	Pass	PK	10.48204G	61.28	68.20	-6.92	3	Horizontal	176	1.47	-
5240MHz	Pass	PK	15.7257G	58.86	74.00	-15.14	3	Horizontal	334	1.82	-
5745MHz	Pass	AV	5.7378G	113.54	Inf	-Inf	3	Vertical	26	1.39	-

Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5745MHz	Pass	PK	5.649G	61.86	68.20	-6.34	3	Vertical	26	1.39	-
5745MHz	Pass	PK	5.7402G	122.68	Inf	-Inf	3	Vertical	26	1.39	-
5745MHz	Pass	PK	5.9418G	60.58	68.20	-7.62	3	Vertical	26	1.39	-
5745MHz	Pass	AV	5.7426G	106.33	Inf	-Inf	3	Horizontal	188	1.38	-
5745MHz	Pass	PK	5.6106G	59.53	68.20	-8.67	3	Horizontal	188	1.38	-
5745MHz	Pass	PK	5.7426G	115.97	Inf	-Inf	3	Horizontal	188	1.38	-
5745MHz	Pass	PK	5.937G	59.49	68.20	-8.71	3	Horizontal	188	1.38	-
5745MHz	Pass	AV	11.4897G	45.39	54.00	-8.61	3	Vertical	16	1.47	-
5745MHz	Pass	PK	11.49018G	59.13	74.00	-14.87	3	Vertical	16	1.47	-
5745MHz	Pass	PK	17.2476G	64.12	68.20	-4.08	3	Vertical	221	1.55	-
5745MHz	Pass	AV	11.48988G	44.21	54.00	-9.79	3	Horizontal	322	1.67	-
5745MHz	Pass	PK	11.4855G	57.29	74.00	-16.71	3	Horizontal	322	1.67	-
5745MHz	Pass	PK	17.24964G	64.53	68.20	-3.67	3	Horizontal	320	1.88	-
5785MHz	Pass	AV	5.7826G	113.49	Inf	-Inf	3	Vertical	32	1.80	-
5785MHz	Pass	PK	5.6038G	60.37	68.20	-7.83	3	Vertical	32	1.80	-
5785MHz	Pass	PK	5.7826G	122.42	Inf	-Inf	3	Vertical	32	1.80	-
5785MHz	Pass	PK	5.9254G	60.51	68.20	-7.69	3	Vertical	32	1.80	-
5785MHz	Pass	AV	5.7826G	106.40	Inf	-Inf	3	Horizontal	186	1.36	-
5785MHz	Pass	PK	5.5774G	59.02	68.20	-9.18	3	Horizontal	186	1.36	-
5785MHz	Pass	PK	5.7826G	116.15	Inf	-Inf	3	Horizontal	186	1.36	-
5785MHz	Pass	PK	5.983G	60.19	68.20	-8.01	3	Horizontal	186	1.36	-
5785MHz	Pass	AV	11.5688G	44.83	54.00	-9.17	3	Vertical	86	1.43	-
5785MHz	Pass	PK	11.57042G	57.87	74.00	-16.13	3	Vertical	86	1.43	-
5785MHz	Pass	PK	17.3655G	64.78	68.20	-3.42	3	Vertical	279	1.50	-
5785MHz	Pass	AV	11.56916G	44.55	54.00	-9.45	3	Horizontal	275	2.02	-
5785MHz	Pass	PK	11.5706G	58.03	74.00	-15.97	3	Horizontal	275	2.02	-
5785MHz	Pass	PK	17.34522G	64.99	68.20	-3.21	3	Horizontal	291	1.50	-
5825MHz	Pass	AV	5.819G	113.97	Inf	-Inf	3	Vertical	26	1.21	-
5825MHz	Pass	PK	5.6354G	60.45	68.20	-7.75	3	Vertical	26	1.21	-
5825MHz	Pass	PK	5.8262G	122.66	Inf	-Inf	3	Vertical	26	1.21	-
5825MHz	Pass	PK	5.9462G	61.21	68.20	-6.99	3	Vertical	26	1.21	-
5825MHz	Pass	AV	5.8226G	106.94	Inf	-Inf	3	Horizontal	188	1.40	-
5825MHz	Pass	PK	5.609G	59.07	68.20	-9.13	3	Horizontal	188	1.40	-
5825MHz	Pass	PK	5.8226G	116.64	Inf	-Inf	3	Horizontal	188	1.40	-
5825MHz	Pass	PK	5.9534G	59.98	68.20	-8.22	3	Horizontal	188	1.40	-
5825MHz	Pass	AV	11.64862G	46.00	54.00	-8.00	3	Vertical	86	1.49	-
5825MHz	Pass	PK	11.65114G	59.26	74.00	-14.74	3	Vertical	86	1.49	-
5825MHz	Pass	PK	17.47908G	65.11	68.20	-3.09	3	Vertical	220	1.04	-
5825MHz	Pass	AV	11.6497G	45.77	54.00	-8.23	3	Horizontal	263	2.36	-
5825MHz	Pass	PK	11.64988G	59.29	74.00	-14.71	3	Horizontal	263	2.36	-
5825MHz	Pass	PK	17.48964G	65.21	68.20	-2.99	3	Horizontal	311	1.83	-
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1498G	53.41	54.00	-0.59	3	Vertical	9	1.50	-
5180MHz	Pass	AV	5.1838G	105.84	Inf	-Inf	3	Vertical	9	1.50	-
5180MHz	Pass	PK	5.1496G	67.37	74.00	-6.63	3	Vertical	9	1.50	-
5180MHz	Pass	PK	5.1712G	116.63	Inf	-Inf	3	Vertical	9	1.50	-
5180MHz	Pass	AV	5.1492G	44.51	54.00	-9.49	3	Horizontal	140	3.00	-
5180MHz	Pass	AV	5.1842G	97.54	Inf	-Inf	3	Horizontal	140	3.00	-
5180MHz	Pass	PK	5.1488G	57.09	74.00	-16.91	3	Horizontal	140	3.00	-

Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5180MHz	Pass	PK	5.1816G	108.91	Inf	-Inf	3	Horizontal	140	3.00	-
5180MHz	Pass	AV	15.54426G	45.57	54.00	-8.43	3	Vertical	197	1.48	-
5180MHz	Pass	PK	10.36186G	62.76	68.20	-5.44	3	Vertical	332	1.18	-
5180MHz	Pass	PK	15.53706G	59.92	74.00	-14.08	3	Vertical	197	1.48	-
5180MHz	Pass	AV	15.53586G	45.56	54.00	-8.44	3	Horizontal	16	1.50	-
5180MHz	Pass	PK	10.35202G	59.51	68.20	-8.69	3	Horizontal	208	1.51	-
5180MHz	Pass	PK	15.55464G	59.00	74.00	-15.00	3	Horizontal	16	1.50	-
5200MHz	Pass	AV	5.15G	52.53	54.00	-1.47	3	Vertical	9	1.60	-
5200MHz	Pass	AV	5.2032G	108.64	Inf	-Inf	3	Vertical	9	1.60	-
5200MHz	Pass	PK	5.1424G	66.18	74.00	-7.82	3	Vertical	9	1.60	-
5200MHz	Pass	PK	5.2068G	119.84	Inf	-Inf	3	Vertical	9	1.60	-
5200MHz	Pass	AV	5.1496G	46.65	54.00	-7.35	3	Horizontal	140	1.47	-
5200MHz	Pass	AV	5.2088G	103.96	Inf	-Inf	3	Horizontal	140	1.47	-
5200MHz	Pass	PK	5.1492G	59.46	74.00	-14.54	3	Horizontal	140	1.47	-
5200MHz	Pass	PK	5.204G	114.71	Inf	-Inf	3	Horizontal	140	1.47	-
5200MHz	Pass	AV	15.59568G	45.17	54.00	-8.83	3	Vertical	226	1.58	-
5200MHz	Pass	PK	10.3958G	66.87	68.20	-1.33	3	Vertical	187	1.52	-
5200MHz	Pass	PK	15.60852G	58.87	74.00	-15.13	3	Vertical	226	1.58	-
5200MHz	Pass	AV	15.60072G	45.55	54.00	-8.45	3	Horizontal	218	1.40	-
5200MHz	Pass	PK	10.40192G	62.44	68.20	-5.76	3	Horizontal	291	1.41	-
5200MHz	Pass	PK	15.59214G	59.31	74.00	-14.69	3	Horizontal	218	1.40	-
5240MHz	Pass	AV	5.15G	47.56	54.00	-6.44	3	Vertical	13	1.49	-
5240MHz	Pass	AV	5.2442G	110.23	Inf	-Inf	3	Vertical	13	1.49	-
5240MHz	Pass	AV	5.3516G	46.81	54.00	-7.19	3	Vertical	13	1.49	-
5240MHz	Pass	PK	5.1242G	60.10	74.00	-13.90	3	Vertical	13	1.49	-
5240MHz	Pass	PK	5.2478G	120.50	Inf	-Inf	3	Vertical	13	1.49	-
5240MHz	Pass	PK	5.378G	60.02	74.00	-13.98	3	Vertical	13	1.49	-
5240MHz	Pass	AV	5.1398G	45.63	54.00	-8.37	3	Horizontal	183	1.62	-
5240MHz	Pass	AV	5.2328G	104.22	Inf	-Inf	3	Horizontal	183	1.62	-
5240MHz	Pass	AV	5.3864G	45.15	54.00	-8.85	3	Horizontal	183	1.62	-
5240MHz	Pass	PK	5.1344G	58.23	74.00	-15.77	3	Horizontal	183	1.62	-
5240MHz	Pass	PK	5.2358G	113.80	Inf	-Inf	3	Horizontal	183	1.62	-
5240MHz	Pass	PK	5.363G	57.69	74.00	-16.31	3	Horizontal	183	1.62	-
5240MHz	Pass	AV	15.70548G	43.88	54.00	-10.12	3	Vertical	230	2.52	-
5240MHz	Pass	PK	10.48636G	68.05	68.20	-0.15	3	Vertical	79	1.47	-
5240MHz	Pass	PK	15.73014G	57.40	74.00	-16.60	3	Vertical	230	2.52	-
5240MHz	Pass	AV	15.71982G	45.17	54.00	-8.83	3	Horizontal	221	1.50	-
5240MHz	Pass	PK	10.48612G	62.28	68.20	-5.92	3	Horizontal	293	2.06	-
5240MHz	Pass	PK	15.71532G	59.08	74.00	-14.92	3	Horizontal	221	1.50	-
5745MHz	Pass	AV	5.7498G	110.74	Inf	-Inf	3	Vertical	119	1.50	-
5745MHz	Pass	PK	5.643G	60.00	68.20	-8.20	3	Vertical	119	1.50	-
5745MHz	Pass	PK	5.7438G	120.06	Inf	-Inf	3	Vertical	119	1.50	-
5745MHz	Pass	PK	5.9418G	59.12	68.20	-9.08	3	Vertical	119	1.50	-
5745MHz	Pass	AV	5.7402G	104.24	Inf	-Inf	3	Horizontal	189	1.46	-
5745MHz	Pass	PK	5.583G	58.15	68.20	-10.05	3	Horizontal	189	1.46	-
5745MHz	Pass	PK	5.7438G	114.15	Inf	-Inf	3	Horizontal	189	1.46	-
5745MHz	Pass	PK	5.937G	58.48	68.20	-9.72	3	Horizontal	189	1.46	-
5745MHz	Pass	AV	11.48898G	45.80	54.00	-8.20	3	Vertical	86	1.30	-
5745MHz	Pass	PK	11.48898G	57.78	74.00	-16.22	3	Vertical	86	1.30	-

Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5745MHz	Pass	PK	17.23374G	62.62	68.20	-5.58	3	Vertical	224	1.51	-
5745MHz	Pass	AV	11.4891G	44.20	54.00	-9.80	3	Horizontal	324	1.68	-
5745MHz	Pass	PK	11.49246G	57.00	74.00	-17.00	3	Horizontal	324	1.68	-
5745MHz	Pass	PK	17.23542G	63.33	68.20	-4.87	3	Horizontal	324	2.31	-
5785MHz	Pass	AV	5.7862G	111.18	Inf	-Inf	3	Vertical	29	1.29	-
5785MHz	Pass	PK	5.6398G	59.03	68.20	-9.17	3	Vertical	29	1.29	-
5785MHz	Pass	PK	5.7766G	120.60	Inf	-Inf	3	Vertical	29	1.29	-
5785MHz	Pass	PK	5.935G	59.72	68.20	-8.48	3	Vertical	29	1.29	-
5785MHz	Pass	AV	5.7802G	104.47	Inf	-Inf	3	Horizontal	189	1.47	-
5785MHz	Pass	PK	5.6446G	58.53	68.20	-9.67	3	Horizontal	189	1.47	-
5785MHz	Pass	PK	5.7838G	115.50	Inf	-Inf	3	Horizontal	189	1.47	-
5785MHz	Pass	PK	5.9314G	58.67	68.20	-9.53	3	Horizontal	189	1.47	-
5785MHz	Pass	AV	11.5691G	46.12	54.00	-7.88	3	Vertical	86	1.26	-
5785MHz	Pass	PK	11.57096G	57.36	74.00	-16.64	3	Vertical	86	1.26	-
5785MHz	Pass	PK	17.36898G	63.56	68.20	-4.64	3	Vertical	152	1.50	-
5785MHz	Pass	AV	11.57258G	44.25	54.00	-9.75	3	Horizontal	331	1.77	-
5785MHz	Pass	PK	11.57318G	56.23	74.00	-17.77	3	Horizontal	331	1.77	-
5785MHz	Pass	PK	17.36616G	63.97	68.20	-4.23	3	Horizontal	318	2.07	-
5825MHz	Pass	AV	5.8238G	110.96	Inf	-Inf	3	Vertical	32	1.06	-
5825MHz	Pass	PK	5.6438G	59.13	68.20	-9.07	3	Vertical	32	1.06	-
5825MHz	Pass	PK	5.8238G	121.28	Inf	-Inf	3	Vertical	32	1.06	-
5825MHz	Pass	PK	5.9474G	59.95	68.20	-8.25	3	Vertical	32	1.06	-
5825MHz	Pass	AV	5.8202G	104.39	Inf	-Inf	3	Horizontal	188	1.50	-
5825MHz	Pass	PK	5.6078G	57.44	68.20	-10.76	3	Horizontal	188	1.50	-
5825MHz	Pass	PK	5.8238G	115.12	Inf	-Inf	3	Horizontal	188	1.50	-
5825MHz	Pass	PK	5.9822G	58.76	68.20	-9.44	3	Horizontal	188	1.50	-
5825MHz	Pass	AV	11.65042G	45.67	54.00	-8.33	3	Vertical	75	1.50	-
5825MHz	Pass	PK	11.656G	58.18	74.00	-15.82	3	Vertical	75	1.50	-
5825MHz	Pass	PK	17.47482G	63.31	68.20	-4.89	3	Vertical	287	1.50	-
5825MHz	Pass	AV	11.65036G	46.57	54.00	-7.43	3	Horizontal	268	2.24	-
5825MHz	Pass	PK	11.65016G	58.93	74.00	-15.07	3	Horizontal	268	2.24	-
5825MHz	Pass	PK	17.47044G	64.00	68.20	-4.20	3	Horizontal	311	2.88	-
802.11ac VHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.15G	53.76	54.00	-0.24	3	Vertical	334	1.50	-
5190MHz	Pass	AV	5.1864G	103.18	Inf	-Inf	3	Vertical	334	1.50	-
5190MHz	Pass	PK	5.146G	66.56	74.00	-7.44	3	Vertical	334	1.50	-
5190MHz	Pass	PK	5.186G	112.12	Inf	-Inf	3	Vertical	334	1.50	-
5190MHz	Pass	AV	5.15G	48.90	54.00	-5.10	3	Horizontal	176	1.78	-
5190MHz	Pass	AV	5.1932G	96.14	Inf	-Inf	3	Horizontal	176	1.78	-
5190MHz	Pass	PK	5.1492G	61.28	74.00	-12.72	3	Horizontal	176	1.78	-
5190MHz	Pass	PK	5.194G	106.29	Inf	-Inf	3	Horizontal	176	1.78	-
5190MHz	Pass	AV	15.56214G	46.08	54.00	-7.92	3	Vertical	30	1.50	-
5190MHz	Pass	PK	10.37934G	60.41	68.20	-7.79	3	Vertical	181	1.42	-
5190MHz	Pass	PK	15.58464G	59.43	74.00	-14.57	3	Vertical	30	1.50	-
5190MHz	Pass	AV	15.5598G	45.99	54.00	-8.01	3	Horizontal	83	1.96	-
5190MHz	Pass	PK	10.3842G	57.85	68.20	-10.35	3	Horizontal	291	1.50	-
5190MHz	Pass	PK	15.57594G	59.92	74.00	-14.08	3	Horizontal	83	1.96	-
5230MHz	Pass	AV	5.1496G	53.05	54.00	-0.95	3	Vertical	273	1.63	-
5230MHz	Pass	AV	5.2464G	108.20	Inf	-Inf	3	Vertical	273	1.63	-

Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5230MHz	Pass	PK	5.1492G	66.99	74.00	-7.01	3	Vertical	273	1.63	-
5230MHz	Pass	PK	5.2432G	117.55	Inf	-Inf	3	Vertical	273	1.63	-
5230MHz	Pass	AV	5.15G	48.47	54.00	-5.53	3	Horizontal	176	1.54	-
5230MHz	Pass	AV	5.2336G	101.07	Inf	-Inf	3	Horizontal	176	1.54	-
5230MHz	Pass	PK	5.1496G	61.33	74.00	-12.67	3	Horizontal	176	1.54	-
5230MHz	Pass	PK	5.2332G	111.66	Inf	-Inf	3	Horizontal	176	1.54	-
5230MHz	Pass	AV	15.68448G	45.14	54.00	-8.86	3	Vertical	357	1.60	-
5230MHz	Pass	PK	10.4628G	65.28	68.20	-2.92	3	Vertical	91	1.49	-
5230MHz	Pass	PK	15.6915G	58.63	74.00	-15.37	3	Vertical	357	1.60	-
5230MHz	Pass	AV	15.68394G	45.15	54.00	-8.85	3	Horizontal	318	1.92	-
5230MHz	Pass	PK	10.45844G	61.54	68.20	-6.66	3	Horizontal	292	1.43	-
5230MHz	Pass	PK	15.68196G	58.55	74.00	-15.45	3	Horizontal	318	1.92	-
5755MHz	Pass	AV	5.7622G	110.93	Inf	-Inf	3	Vertical	36	1.49	-
5755MHz	Pass	PK	5.6494G	64.68	68.20	-3.52	3	Vertical	36	1.49	-
5755MHz	Pass	PK	5.7634G	119.79	Inf	-Inf	3	Vertical	36	1.49	-
5755MHz	Pass	PK	5.9326G	61.04	68.20	-7.16	3	Vertical	36	1.49	-
5755MHz	Pass	AV	5.7634G	103.46	Inf	-Inf	3	Horizontal	195	1.46	-
5755MHz	Pass	PK	5.6506G	60.34	68.64	-8.30	3	Horizontal	195	1.46	-
5755MHz	Pass	PK	5.7502G	113.91	Inf	-Inf	3	Horizontal	195	1.46	-
5755MHz	Pass	PK	5.9434G	60.34	68.20	-7.86	3	Horizontal	195	1.46	-
5755MHz	Pass	AV	11.50897G	42.49	54.00	-11.51	3	Vertical	90	1.36	-
5755MHz	Pass	PK	11.5119G	56.04	74.00	-17.96	3	Vertical	90	1.36	-
5755MHz	Pass	PK	17.27556G	63.40	68.20	-4.80	3	Vertical	95	1.50	-
5755MHz	Pass	AV	11.5099G	42.41	54.00	-11.59	3	Horizontal	329	1.67	-
5755MHz	Pass	PK	11.50757G	56.34	74.00	-17.66	3	Horizontal	329	1.67	-
5755MHz	Pass	PK	17.2635G	63.79	68.20	-4.41	3	Horizontal	161	2.10	-
5795MHz	Pass	AV	5.7986G	110.36	Inf	-Inf	3	Vertical	267	1.50	-
5795MHz	Pass	PK	5.6474G	60.61	68.20	-7.59	3	Vertical	267	1.50	-
5795MHz	Pass	PK	5.7974G	119.05	Inf	-Inf	3	Vertical	267	1.50	-
5795MHz	Pass	PK	5.9342G	61.47	68.20	-6.73	3	Vertical	267	1.50	-
5795MHz	Pass	AV	5.8034G	103.30	Inf	-Inf	3	Horizontal	194	1.44	-
5795MHz	Pass	PK	5.6462G	59.00	68.20	-9.20	3	Horizontal	194	1.44	-
5795MHz	Pass	PK	5.8058G	113.57	Inf	-Inf	3	Horizontal	194	1.44	-
5795MHz	Pass	PK	5.927G	59.80	68.20	-8.40	3	Horizontal	194	1.44	-
5795MHz	Pass	AV	11.5933G	42.77	54.00	-11.23	3	Vertical	89	1.49	-
5795MHz	Pass	PK	11.5846G	56.89	74.00	-17.11	3	Vertical	89	1.49	-
5795MHz	Pass	PK	17.37612G	63.88	68.20	-4.32	3	Vertical	68	1.50	-
5795MHz	Pass	AV	11.58544G	42.78	54.00	-11.22	3	Horizontal	269	2.42	-
5795MHz	Pass	PK	11.58562G	56.09	74.00	-17.91	3	Horizontal	269	2.42	-
5795MHz	Pass	PK	17.3961G	64.13	68.20	-4.07	3	Horizontal	311	1.48	-
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.15G	53.30	54.00	-0.70	3	Vertical	291	1.66	-
5190MHz	Pass	AV	5.2004G	102.01	Inf	-Inf	3	Vertical	291	1.66	-
5190MHz	Pass	PK	5.15G	64.00	74.00	-10.00	3	Vertical	291	1.66	-
5190MHz	Pass	PK	5.1804G	112.96	Inf	-Inf	3	Vertical	291	1.66	-
5190MHz	Pass	AV	5.1464G	48.20	54.00	-5.80	3	Horizontal	254	1.60	-
5190MHz	Pass	AV	5.1984G	95.09	Inf	-Inf	3	Horizontal	254	1.60	-
5190MHz	Pass	PK	5.1468G	60.82	74.00	-13.18	3	Horizontal	254	1.60	-
5190MHz	Pass	PK	5.2028G	104.89	Inf	-Inf	3	Horizontal	254	1.60	-

Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5190MHz	Pass	AV	15.5553G	46.11	54.00	-7.89	3	Vertical	168	1.00	-
5190MHz	Pass	PK	10.37484G	60.33	68.20	-7.87	3	Vertical	330	1.31	-
5190MHz	Pass	PK	15.57204G	59.61	74.00	-14.39	3	Vertical	168	1.00	-
5190MHz	Pass	AV	15.55578G	46.11	54.00	-7.89	3	Horizontal	173	1.50	-
5190MHz	Pass	PK	10.38042G	58.01	68.20	-10.19	3	Horizontal	203	1.39	-
5190MHz	Pass	PK	15.56508G	59.60	74.00	-14.40	3	Horizontal	173	1.50	-
5230MHz	Pass	AV	5.15G	53.29	54.00	-0.71	3	Vertical	296	1.64	-
5230MHz	Pass	AV	5.2152G	107.00	Inf	-Inf	3	Vertical	296	1.64	-
5230MHz	Pass	PK	5.15G	67.91	74.00	-6.09	3	Vertical	296	1.64	-
5230MHz	Pass	PK	5.2204G	118.16	Inf	-Inf	3	Vertical	296	1.64	-
5230MHz	Pass	AV	5.15G	47.84	54.00	-6.16	3	Horizontal	253	1.60	-
5230MHz	Pass	AV	5.2388G	100.29	Inf	-Inf	3	Horizontal	253	1.60	-
5230MHz	Pass	PK	5.15G	60.09	74.00	-13.91	3	Horizontal	253	1.60	-
5230MHz	Pass	PK	5.2416G	109.76	Inf	-Inf	3	Horizontal	253	1.60	-
5230MHz	Pass	AV	15.68172G	45.02	54.00	-8.98	3	Vertical	161	1.50	-
5230MHz	Pass	PK	10.46126G	65.43	68.20	-2.77	3	Vertical	180	1.91	-
5230MHz	Pass	PK	15.6753G	58.80	74.00	-15.20	3	Vertical	161	1.50	-
5230MHz	Pass	AV	15.68004G	44.92	54.00	-9.08	3	Horizontal	115	2.88	-
5230MHz	Pass	PK	10.45706G	61.83	68.20	-6.37	3	Horizontal	291	1.42	-
5230MHz	Pass	PK	15.68814G	58.42	74.00	-15.58	3	Horizontal	115	2.88	-
5755MHz	Pass	AV	5.7526G	110.56	Inf	-Inf	3	Vertical	27	1.51	-
5755MHz	Pass	PK	5.6482G	65.98	68.20	-2.22	3	Vertical	27	1.51	-
5755MHz	Pass	PK	5.773G	119.70	Inf	-Inf	3	Vertical	27	1.51	-
5755MHz	Pass	PK	5.9362G	61.00	68.20	-7.20	3	Vertical	27	1.51	-
5755MHz	Pass	AV	5.7526G	102.01	Inf	-Inf	3	Horizontal	186	1.50	-
5755MHz	Pass	PK	5.6518G	61.53	69.53	-8.00	3	Horizontal	186	1.50	-
5755MHz	Pass	PK	5.7478G	111.72	Inf	-Inf	3	Horizontal	186	1.50	-
5755MHz	Pass	PK	5.9254G	59.38	68.20	-8.82	3	Horizontal	186	1.50	-
5755MHz	Pass	AV	11.513G	44.35	54.00	-9.65	3	Vertical	86	1.41	-
5755MHz	Pass	PK	11.5128G	56.67	74.00	-17.33	3	Vertical	86	1.41	-
5755MHz	Pass	PK	17.2724G	63.19	68.20	-5.01	3	Vertical	223	1.67	-
5755MHz	Pass	AV	11.51G	42.26	54.00	-11.74	3	Horizontal	233	1.50	-
5755MHz	Pass	PK	11.5088G	55.01	74.00	-18.99	3	Horizontal	233	1.50	-
5755MHz	Pass	PK	17.27874G	63.86	68.20	-4.34	3	Horizontal	289	1.44	-
5795MHz	Pass	AV	5.7842G	110.31	Inf	-Inf	3	Vertical	64	1.54	-
5795MHz	Pass	PK	5.6486G	61.13	68.20	-7.07	3	Vertical	64	1.54	-
5795MHz	Pass	PK	5.7938G	119.94	Inf	-Inf	3	Vertical	64	1.54	-
5795MHz	Pass	PK	5.9246G	64.64	68.50	-3.86	3	Vertical	64	1.54	-
5795MHz	Pass	AV	5.7878G	102.91	Inf	-Inf	3	Horizontal	187	1.45	-
5795MHz	Pass	PK	5.549G	58.90	68.20	-9.30	3	Horizontal	187	1.45	-
5795MHz	Pass	PK	5.783G	112.06	Inf	-Inf	3	Horizontal	187	1.45	-
5795MHz	Pass	PK	5.9546G	60.12	68.20	-8.08	3	Horizontal	187	1.45	-
5795MHz	Pass	AV	11.5887G	43.85	54.00	-10.15	3	Vertical	85	1.42	-
5795MHz	Pass	PK	11.5884G	56.92	74.00	-17.08	3	Vertical	85	1.42	-
5795MHz	Pass	PK	17.3703G	63.67	68.20	-4.53	3	Vertical	279	2.12	-
5795MHz	Pass	AV	11.59006G	41.96	54.00	-12.04	3	Horizontal	60	1.59	-
5795MHz	Pass	PK	11.59882G	55.39	74.00	-18.61	3	Horizontal	60	1.59	-
5795MHz	Pass	PK	17.38788G	63.40	68.20	-4.80	3	Horizontal	91	1.75	-
802.11ac VHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-

Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5210MHz	Pass	AV	5.145G	53.70	54.00	-0.30	3	Vertical	297	1.57	-
5210MHz	Pass	AV	5.205G	100.50	Inf	-Inf	3	Vertical	297	1.57	-
5210MHz	Pass	AV	5.351G	47.84	54.00	-6.16	3	Vertical	297	1.57	-
5210MHz	Pass	PK	5.147G	65.45	74.00	-8.55	3	Vertical	297	1.57	-
5210MHz	Pass	PK	5.2G	109.77	Inf	-Inf	3	Vertical	297	1.57	-
5210MHz	Pass	PK	5.361G	61.83	74.00	-12.17	3	Vertical	297	1.57	-
5210MHz	Pass	AV	5.144G	49.08	54.00	-4.92	3	Horizontal	147	1.43	-
5210MHz	Pass	AV	5.23G	92.15	Inf	-Inf	3	Horizontal	147	1.43	-
5210MHz	Pass	AV	5.401G	45.76	54.00	-8.24	3	Horizontal	147	1.43	-
5210MHz	Pass	PK	5.135G	61.63	74.00	-12.37	3	Horizontal	147	1.43	-
5210MHz	Pass	PK	5.224G	101.75	Inf	-Inf	3	Horizontal	147	1.43	-
5210MHz	Pass	PK	5.423G	58.11	74.00	-15.89	3	Horizontal	147	1.43	-
5210MHz	Pass	AV	15.6177G	45.25	54.00	-8.75	3	Vertical	238	2.18	-
5210MHz	Pass	PK	10.421G	58.46	68.20	-9.74	3	Vertical	183	1.63	-
5210MHz	Pass	PK	15.6304G	58.19	74.00	-15.81	3	Vertical	238	2.18	-
5210MHz	Pass	AV	15.6078G	45.18	54.00	-8.82	3	Horizontal	114	1.50	-
5210MHz	Pass	PK	10.4201G	56.37	68.20	-11.83	3	Horizontal	209	1.00	-
5210MHz	Pass	PK	15.6424G	58.92	74.00	-15.08	3	Horizontal	114	1.50	-
5775MHz	Pass	AV	5.799G	104.88	Inf	-Inf	3	Vertical	266	1.50	-
5775MHz	Pass	PK	5.643G	67.58	68.20	-0.62	3	Vertical	266	1.50	-
5775MHz	Pass	PK	5.7942G	113.95	Inf	-Inf	3	Vertical	266	1.50	-
5775MHz	Pass	PK	5.9334G	66.02	68.20	-2.18	3	Vertical	266	1.50	-
5775MHz	Pass	AV	5.763G	97.52	Inf	-Inf	3	Horizontal	193	1.56	-
5775MHz	Pass	PK	5.6418G	62.48	68.20	-5.72	3	Horizontal	193	1.56	-
5775MHz	Pass	PK	5.7774G	108.15	Inf	-Inf	3	Horizontal	193	1.56	-
5775MHz	Pass	PK	5.9466G	60.29	68.20	-7.91	3	Horizontal	193	1.56	-
5775MHz	Pass	AV	11.54292G	41.78	54.00	-12.22	3	Vertical	19	1.13	-
5775MHz	Pass	PK	11.5359G	55.56	74.00	-18.44	3	Vertical	19	1.13	-
5775MHz	Pass	PK	17.32872G	63.88	68.20	-4.32	3	Vertical	199	2.76	-
5775MHz	Pass	AV	11.565G	40.82	54.00	-13.18	3	Horizontal	360	2.45	-
5775MHz	Pass	PK	11.56008G	54.55	74.00	-19.45	3	Horizontal	360	2.45	-
5775MHz	Pass	PK	17.3232G	63.34	68.20	-4.86	3	Horizontal	203	2.19	-
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.145G	53.70	54.00	-0.30	3	Vertical	297	1.57	-
5210MHz	Pass	AV	5.205G	100.50	Inf	-Inf	3	Vertical	297	1.57	-
5210MHz	Pass	AV	5.351G	47.84	54.00	-6.16	3	Vertical	297	1.57	-
5210MHz	Pass	PK	5.147G	65.45	74.00	-8.55	3	Vertical	297	1.57	-
5210MHz	Pass	PK	5.2G	109.77	Inf	-Inf	3	Vertical	297	1.57	-
5210MHz	Pass	PK	5.361G	61.83	74.00	-12.17	3	Vertical	297	1.57	-
5210MHz	Pass	AV	5.144G	49.08	54.00	-4.92	3	Horizontal	147	1.43	-
5210MHz	Pass	AV	5.23G	92.15	Inf	-Inf	3	Horizontal	147	1.43	-
5210MHz	Pass	AV	5.401G	45.76	54.00	-8.24	3	Horizontal	147	1.43	-
5210MHz	Pass	PK	5.135G	61.63	74.00	-12.37	3	Horizontal	147	1.43	-
5210MHz	Pass	PK	5.224G	101.75	Inf	-Inf	3	Horizontal	147	1.43	-
5210MHz	Pass	PK	5.423G	58.11	74.00	-15.89	3	Horizontal	147	1.43	-
5210MHz	Pass	AV	15.6177G	45.25	54.00	-8.75	3	Vertical	238	2.18	-
5210MHz	Pass	PK	10.421G	58.46	68.20	-9.74	3	Vertical	183	1.63	-
5210MHz	Pass	PK	15.6304G	58.19	74.00	-15.81	3	Vertical	238	2.18	-
5210MHz	Pass	AV	15.6078G	45.18	54.00	-8.82	3	Horizontal	114	1.50	-

Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5210MHz	Pass	PK	10.4201G	56.37	68.20	-11.83	3	Horizontal	209	1.00	-
5210MHz	Pass	PK	15.6424G	58.92	74.00	-15.08	3	Horizontal	114	1.50	-
5775MHz	Pass	AV	5.8134G	105.05	Inf	-Inf	3	Vertical	269	1.57	-
5775MHz	Pass	PK	5.649G	68.04	68.20	-0.16	3	Vertical	269	1.57	-
5775MHz	Pass	PK	5.8134G	115.65	Inf	-Inf	3	Vertical	269	1.57	-
5775MHz	Pass	PK	5.9358G	66.06	68.20	-2.14	3	Vertical	269	1.57	-
5775MHz	Pass	AV	5.7978G	97.47	Inf	-Inf	3	Horizontal	190	1.33	-
5775MHz	Pass	PK	5.6478G	62.23	68.20	-5.97	3	Horizontal	190	1.33	-
5775MHz	Pass	PK	5.7726G	105.37	Inf	-Inf	3	Horizontal	190	1.33	-
5775MHz	Pass	PK	5.9466G	63.26	68.20	-4.94	3	Horizontal	190	1.33	-
5775MHz	Pass	AV	11.5526G	42.25	54.00	-11.75	3	Vertical	93	1.44	-
5775MHz	Pass	PK	11.5479G	55.34	74.00	-18.66	3	Vertical	93	1.44	-
5775MHz	Pass	PK	17.334G	63.49	68.20	-4.71	3	Vertical	0	2.01	-
5775MHz	Pass	AV	11.55066G	41.51	54.00	-12.49	3	Horizontal	294	1.00	-
5775MHz	Pass	PK	11.53704G	54.88	74.00	-19.12	3	Horizontal	294	1.00	-
5775MHz	Pass	PK	17.32098G	63.51	68.20	-4.69	3	Horizontal	245	1.59	-

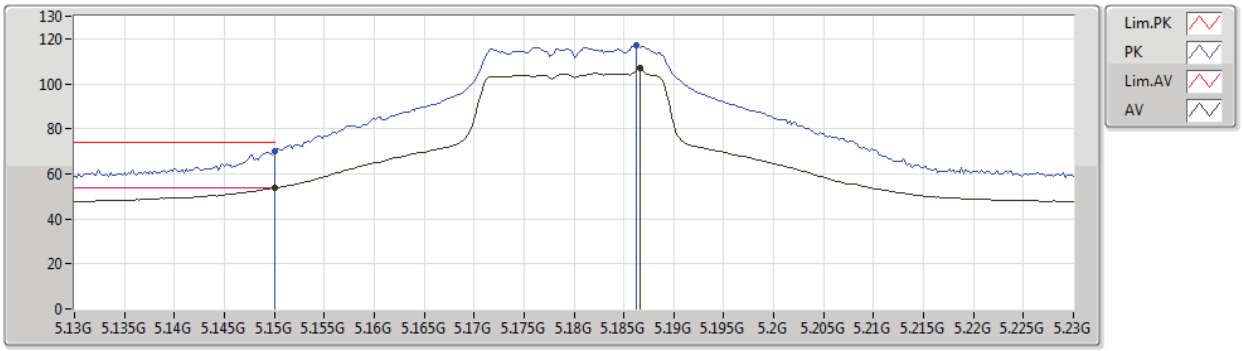
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20_Nss4,(MCS0)_4TX

27/12/2019

5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	53.64	54.00	-0.36	8.37	3	Vertical	337	1.50	-	45.27	31.70	6.00	29.33
AV	5.1866G	106.94	Inf	-Inf	8.31	3	Vertical	337	1.50	-	98.63	31.63	6.02	29.34
PK	5.15G	69.83	74.00	-4.17	8.37	3	Vertical	337	1.50	-	61.46	31.70	6.00	29.33
PK	5.1862G	116.90	Inf	-Inf	8.31	3	Vertical	337	1.50	-	108.59	31.63	6.02	29.34

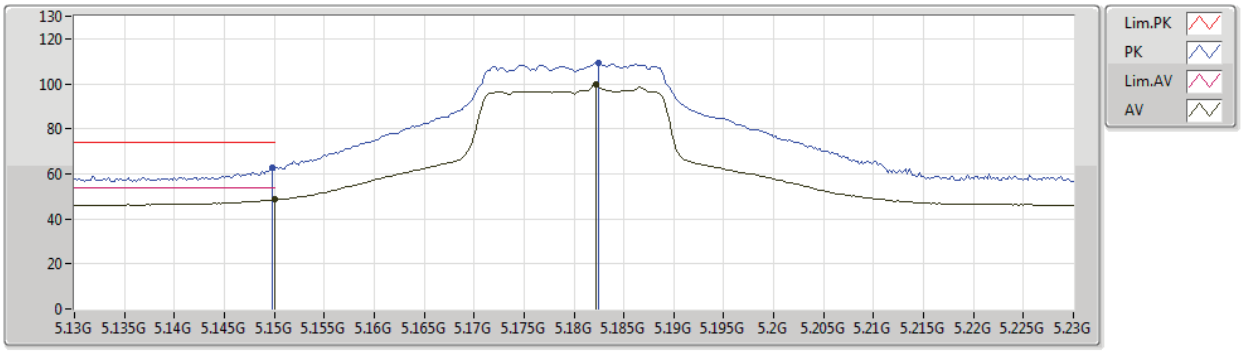
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20_Nss4,(MCS0)_4TX

27/12/2019

5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	48.49	54.00	-5.51	8.37	3	Horizontal	167	1.73	-	40.12	31.70	6.00	29.33
AV	5.1822G	99.57	Inf	-Inf	8.32	3	Horizontal	167	1.73	-	91.25	31.64	6.02	29.34
PK	5.1498G	62.62	74.00	-11.38	8.37	3	Horizontal	167	1.73	-	54.25	31.70	6.00	29.33
PK	5.1824G	109.34	Inf	-Inf	8.32	3	Horizontal	167	1.73	-	101.02	31.64	6.02	29.34

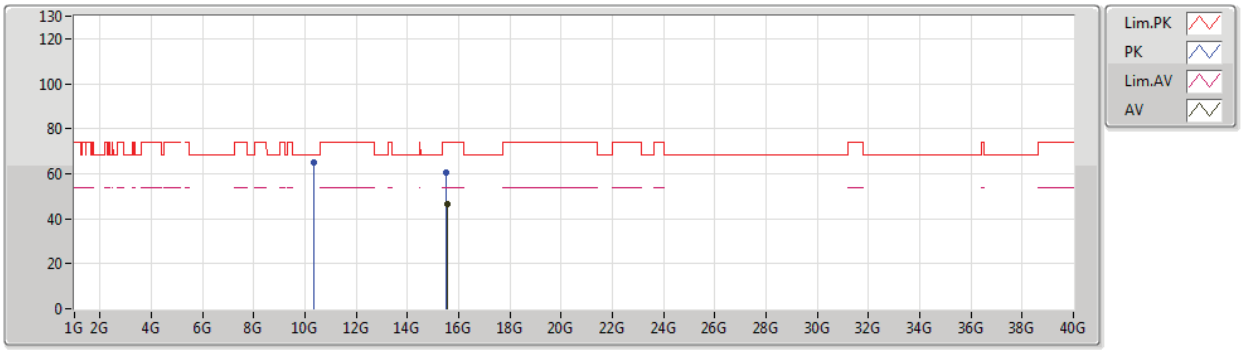
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20_Nss4,(MCS0)_4TX

27/12/2019

5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.53994G	46.38	54.00	-7.62	17.53	3	Vertical	225	1.50	-	28.85	38.58	10.81	31.86
PK	10.35814G	64.86	68.20	-3.34	17.54	3	Vertical	181	1.54	-	47.32	39.37	8.69	30.52
PK	15.52524G	60.37	74.00	-13.63	17.58	3	Vertical	225	1.50	-	42.79	38.64	10.80	31.86

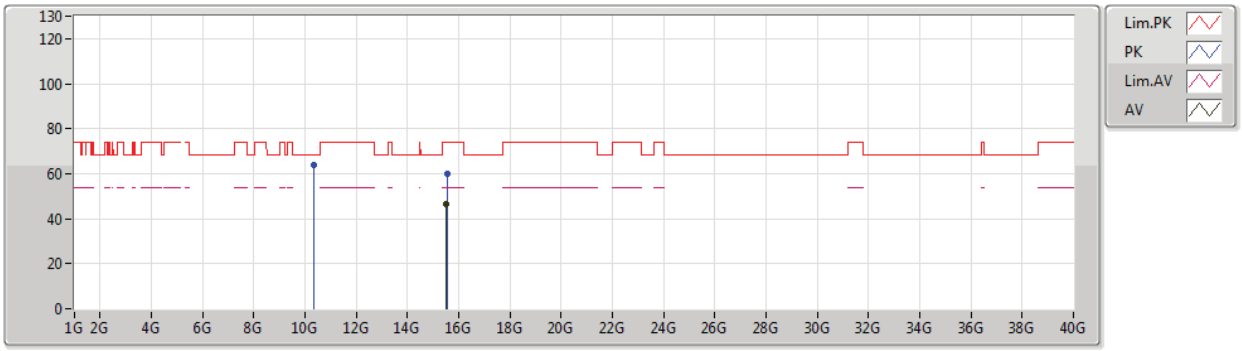
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20_Nss4,(MCS0)_4TX

27/12/2019

5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.52626G	46.45	54.00	-7.55	17.59	3	Horizontal	331	1.48	-	28.86	38.64	10.81	31.86
PK	10.36072G	63.60	68.20	-4.60	17.55	3	Horizontal	291	1.51	-	46.05	39.37	8.70	30.52
PK	15.5364G	60.09	74.00	-13.91	17.54	3	Horizontal	331	1.48	-	42.55	38.59	10.81	31.86

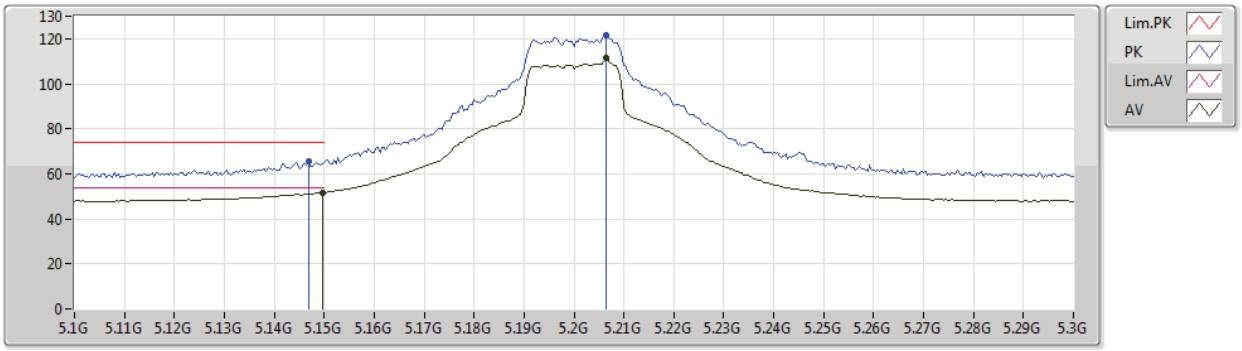
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20_Nss4,(MCS0)_4TX

27/12/2019

5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1496G	51.61	54.00	-2.39	8.37	3	Vertical	335	1.59	-	43.24	31.70	6.00	29.33
AV	5.2064G	111.38	Inf	-Inf	8.27	3	Vertical	335	1.59	-	103.11	31.58	6.03	29.34
PK	5.1468G	65.36	74.00	-8.64	8.38	3	Vertical	335	1.59	-	56.98	31.71	6.00	29.33
PK	5.2064G	121.33	Inf	-Inf	8.27	3	Vertical	335	1.59	-	113.06	31.58	6.03	29.34

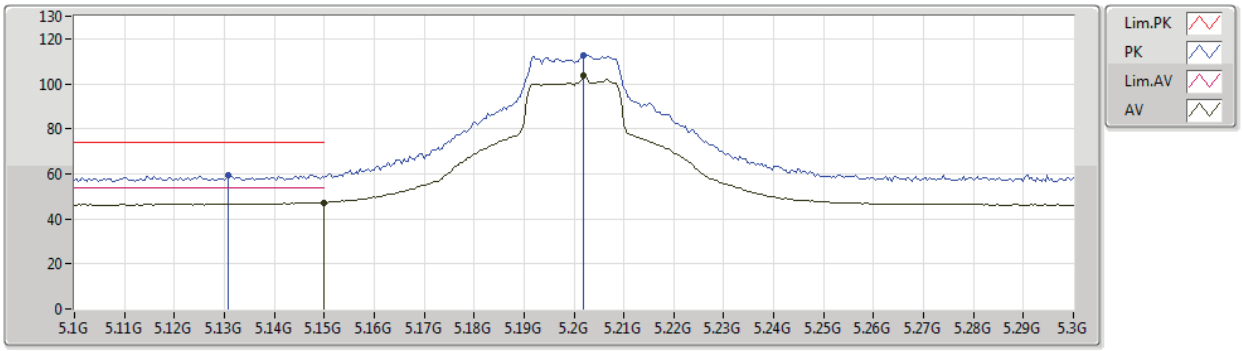
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20_Nss4,(MCS0)_4TX

27/12/2019

5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	47.18	54.00	-6.82	8.37	3	Horizontal	163	1.46	-	38.81	31.70	6.00	29.33
AV	5.202G	103.42	Inf	-Inf	8.28	3	Horizontal	163	1.46	-	95.14	31.59	6.03	29.34
PK	5.1308G	59.52	74.00	-14.48	8.40	3	Horizontal	163	1.46	-	51.12	31.74	5.99	29.33
PK	5.202G	112.88	Inf	-Inf	8.28	3	Horizontal	163	1.46	-	104.60	31.59	6.03	29.34

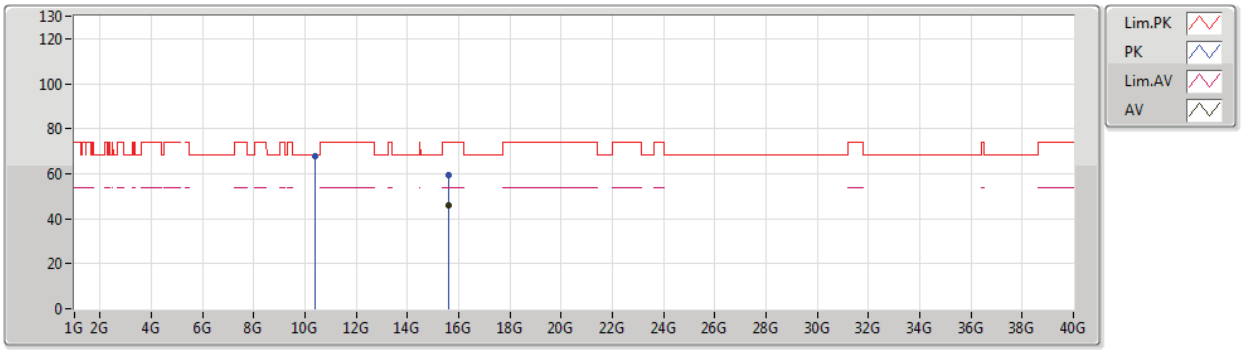
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20_Nss4,(MCS0)_4TX

27/12/2019

5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.60486G	46.13	54.00	-7.87	17.27	3	Vertical	253	2.93	-	28.86	38.30	10.84	31.87
PK	10.4006G	67.85	68.20	-0.35	17.60	3	Vertical	180	1.39	-	50.25	39.42	8.72	30.54
PK	15.58578G	59.42	74.00	-14.58	17.34	3	Vertical	253	2.93	-	42.08	38.38	10.83	31.87

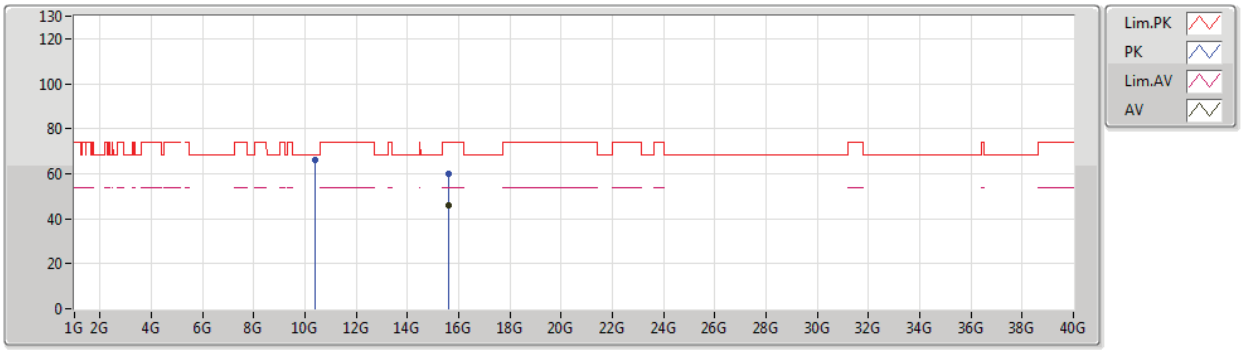
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20_Nss4,(MCS0)_4TX

27/12/2019

5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.58536G	46.18	54.00	-7.82	17.34	3	Horizontal	100	1.50	-	28.84	38.38	10.83	31.87
PK	10.40072G	66.10	68.20	-2.10	17.60	3	Horizontal	291	1.48	-	48.50	39.42	8.72	30.54
PK	15.61452G	60.10	74.00	-13.90	17.22	3	Horizontal	100	1.50	-	42.88	38.26	10.84	31.88

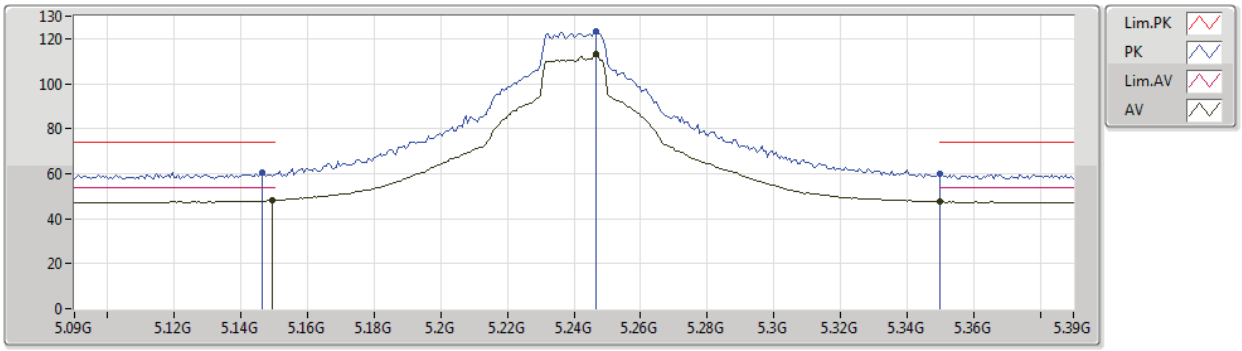
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20_Nss4,(MCS0)_4TX

5240MHz_TX

03/01/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1494G	48.02	54.00	-5.98	8.37	3	Vertical	334	1.41	-	39.65	31.70	6.00	29.33
AV	5.2466G	113.40	Inf	-Inf	8.17	3	Vertical	334	1.41	-	105.23	31.46	6.05	29.34
AV	5.35G	47.53	54.00	-6.47	8.15	3	Vertical	334	1.41	-	39.38	31.40	6.11	29.36
PK	5.1464G	60.27	74.00	-13.73	8.38	3	Vertical	334	1.41	-	51.89	31.71	6.00	29.33
PK	5.2466G	123.12	Inf	-Inf	8.17	3	Vertical	334	1.41	-	114.95	31.46	6.05	29.34
PK	5.35G	59.72	74.00	-14.28	8.15	3	Vertical	334	1.41	-	51.57	31.40	6.11	29.36

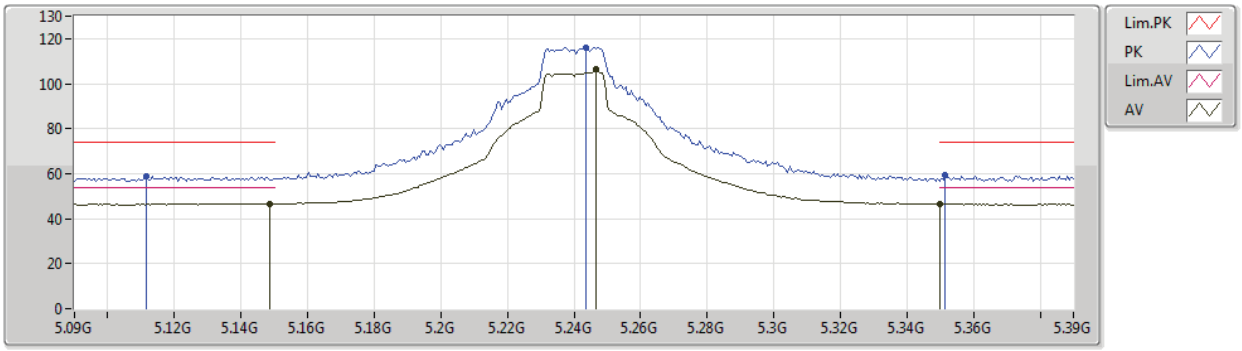
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20_Nss4,(MCS0)_4TX

5240MHz_TX

03/01/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1488G	46.58	54.00	-7.42	8.37	3	Horizontal	245	1.54	-	38.21	31.70	6.00	29.33
AV	5.2466G	106.39	Inf	-Inf	8.17	3	Horizontal	245	1.54	-	98.22	31.46	6.05	29.34
AV	5.35G	46.44	54.00	-7.56	8.15	3	Horizontal	245	1.54	-	38.29	31.40	6.11	29.36
PK	5.1116G	58.98	74.00	-15.02	8.43	3	Horizontal	245	1.54	-	50.55	31.78	5.98	29.33
PK	5.2436G	116.09	Inf	-Inf	8.18	3	Horizontal	245	1.54	-	107.91	31.47	6.05	29.34
PK	5.3516G	59.25	74.00	-14.75	8.15	3	Horizontal	245	1.54	-	51.10	31.40	6.11	29.36

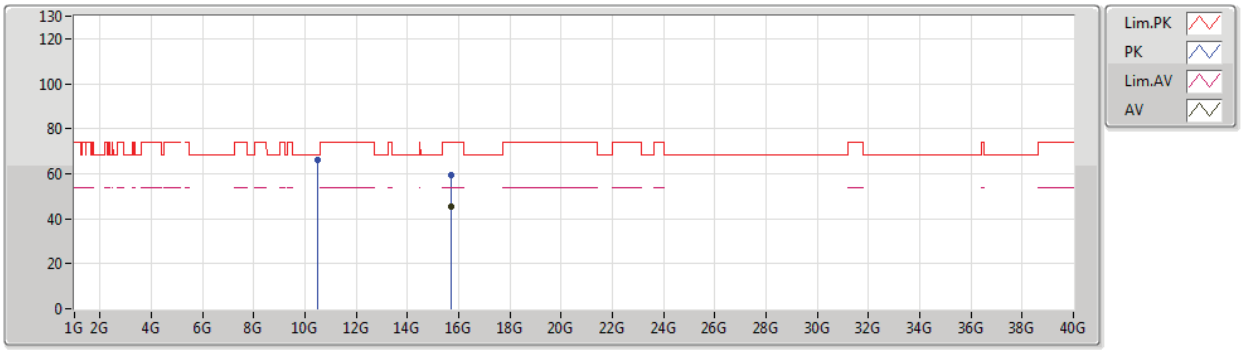
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20_Nss4,(MCS0)_4TX

5240MHz_TX

03/01/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.72846G	45.21	54.00	-8.79	16.75	3	Vertical	282	2.99	-	28.46	37.77	10.88	31.90
PK	10.48012G	66.10	68.20	-2.10	17.73	3	Vertical	90	2.01	-	48.37	39.52	8.78	30.57
PK	15.70692G	59.20	74.00	-14.80	16.84	3	Vertical	282	2.99	-	42.36	37.86	10.88	31.90

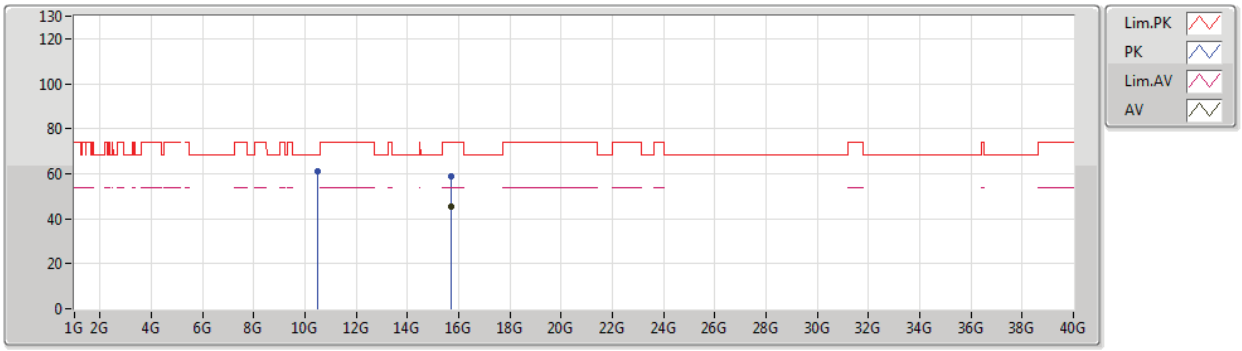
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20_Nss4,(MCS0)_4TX

5240MHz_TX

03/01/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.70722G	45.26	54.00	-8.74	16.84	3	Horizontal	334	1.82	-	28.42	37.86	10.88	31.90
PK	10.48204G	61.28	68.20	-6.92	17.74	3	Horizontal	176	1.47	-	43.54	39.53	8.78	30.57
PK	15.7257G	58.86	74.00	-15.14	16.76	3	Horizontal	334	1.82	-	42.10	37.78	10.88	31.90

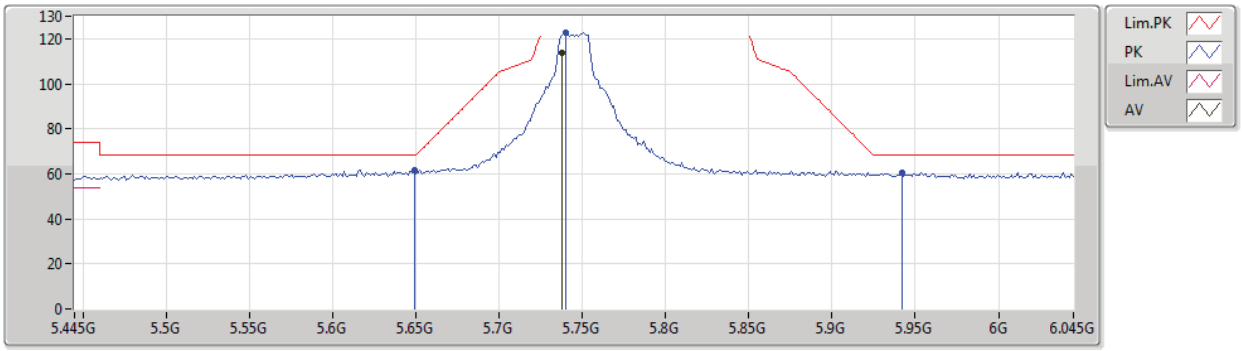
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20_Nss4,(MCS0)_4TX

28/12/2019

5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7378G	113.54	Inf	-Inf	8.90	3	Vertical	26	1.39	-	104.64	31.88	6.38	29.36
PK	5.649G	61.86	68.20	-6.34	8.70	3	Vertical	26	1.39	-	53.16	31.75	6.31	29.36
PK	5.7402G	122.68	Inf	-Inf	8.90	3	Vertical	26	1.39	-	113.78	31.88	6.38	29.36
PK	5.9418G	60.58	68.20	-7.62	9.43	3	Vertical	26	1.39	-	51.15	32.24	6.54	29.35

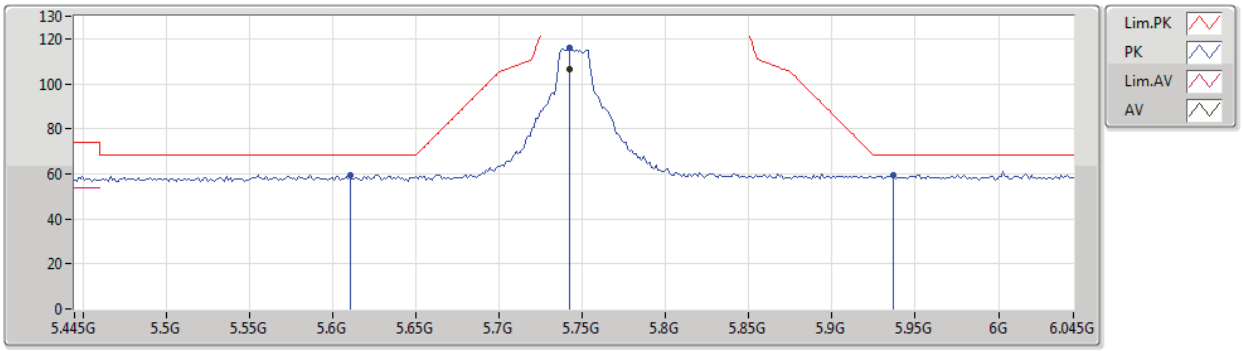
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20_Nss4,(MCS0)_4TX

28/12/2019

5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7426G	106.33	Inf	-Inf	8.91	3	Horizontal	188	1.38	-	97.42	31.89	6.38	29.36
PK	5.6106G	59.53	68.20	-8.67	8.62	3	Horizontal	188	1.38	-	50.91	31.71	6.28	29.37
PK	5.7426G	115.97	Inf	-Inf	8.91	3	Horizontal	188	1.38	-	107.06	31.89	6.38	29.36
PK	5.937G	59.49	68.20	-8.71	9.43	3	Horizontal	188	1.38	-	50.06	32.24	6.54	29.35

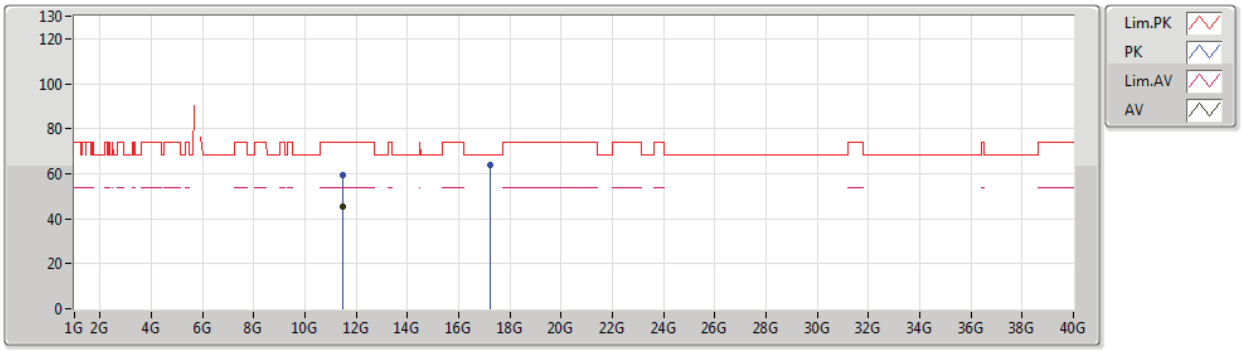
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20_Nss4,(MCS0)_4TX

28/12/2019

5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.4897G	45.39	54.00	-8.61	18.17	3	Vertical	16	1.47	-	27.22	39.47	9.47	30.77
PK	11.49018G	59.13	74.00	-14.87	18.16	3	Vertical	16	1.47	-	40.97	39.46	9.47	30.77
PK	17.2476G	64.12	68.20	-4.08	21.56	3	Vertical	221	1.55	-	42.56	41.73	11.40	31.57

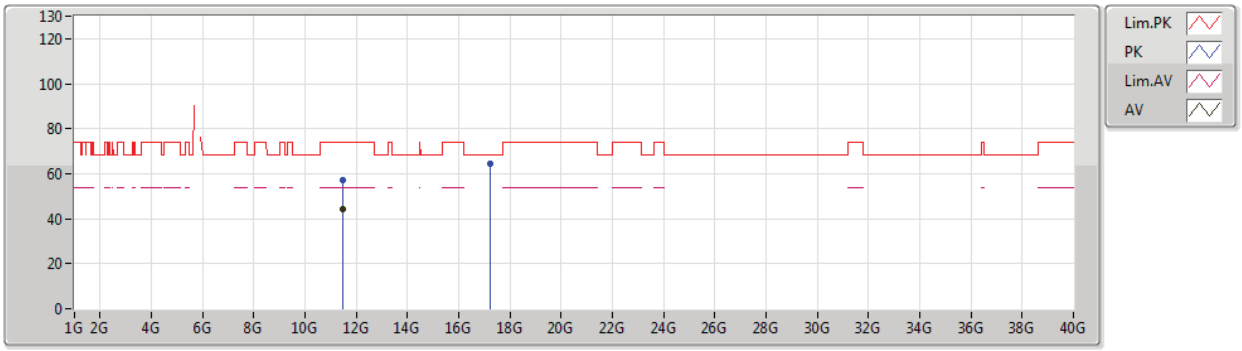
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20_Nss4,(MCS0)_4TX

28/12/2019

5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.48988G	44.21	54.00	-9.79	18.17	3	Horizontal	322	1.67	-	26.04	39.47	9.47	30.77
PK	11.4855G	57.29	74.00	-16.71	18.16	3	Horizontal	322	1.67	-	39.13	39.47	9.46	30.77
PK	17.24964G	64.53	68.20	-3.67	21.58	3	Horizontal	320	1.88	-	42.95	41.75	11.40	31.57

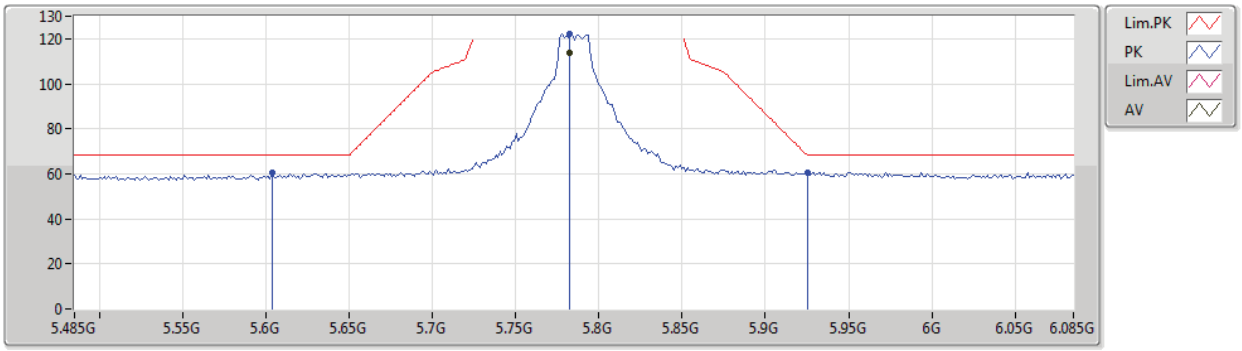
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20_Nss4,(MCS0)_4TX

28/12/2019

5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7826G	113.49	Inf	-Inf	9.03	3	Vertical	32	1.80	-	104.46	31.97	6.42	29.36
PK	5.6038G	60.37	68.20	-7.83	8.60	3	Vertical	32	1.80	-	51.77	31.70	6.27	29.37
PK	5.7826G	122.42	Inf	-Inf	9.03	3	Vertical	32	1.80	-	113.39	31.97	6.42	29.36
PK	5.9254G	60.51	68.20	-7.69	9.41	3	Vertical	32	1.80	-	51.10	32.23	6.53	29.35

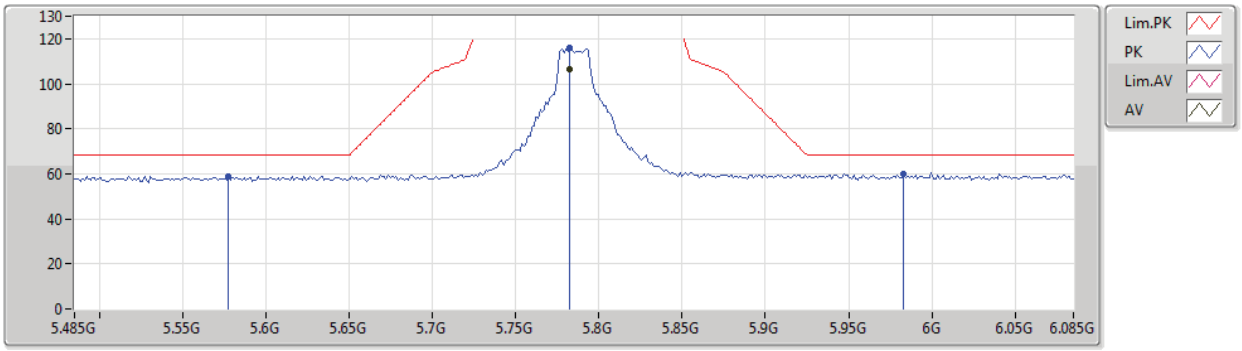
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20_Nss4,(MCS0)_4TX

28/12/2019

5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7826G	106.40	Inf	-Inf	9.03	3	Horizontal	186	1.36	-	97.37	31.97	6.42	29.36
PK	5.5774G	59.02	68.20	-9.18	8.63	3	Horizontal	186	1.36	-	50.39	31.75	6.25	29.37
PK	5.7826G	116.15	Inf	-Inf	9.03	3	Horizontal	186	1.36	-	107.12	31.97	6.42	29.36
PK	5.983G	60.19	68.20	-8.01	9.51	3	Horizontal	186	1.36	-	50.68	32.28	6.58	29.35

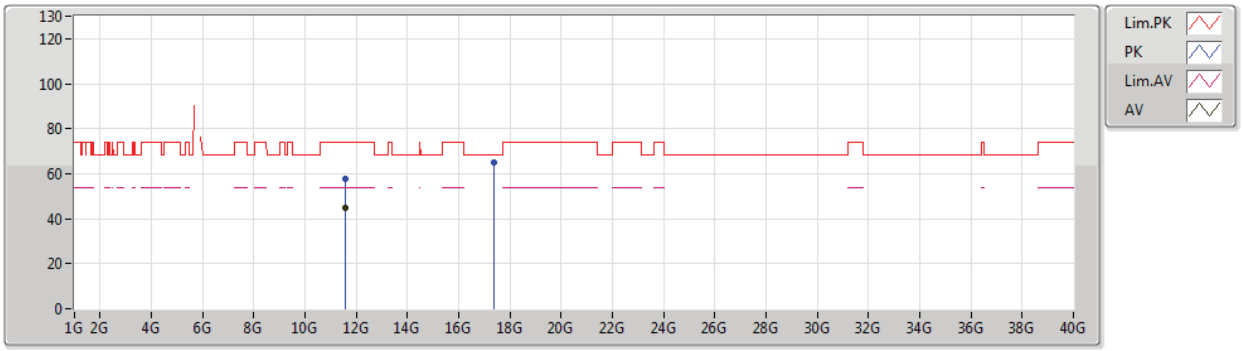
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20_Nss4,(MCS0)_4TX

28/12/2019

5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.5688G	44.83	54.00	-9.17	18.09	3	Vertical	86	1.43	-	26.74	39.35	9.52	30.78
PK	11.57042G	57.87	74.00	-16.13	18.08	3	Vertical	86	1.43	-	39.79	39.34	9.52	30.78
PK	17.3655G	64.78	68.20	-3.42	22.44	3	Vertical	279	1.50	-	42.34	42.51	11.44	31.51

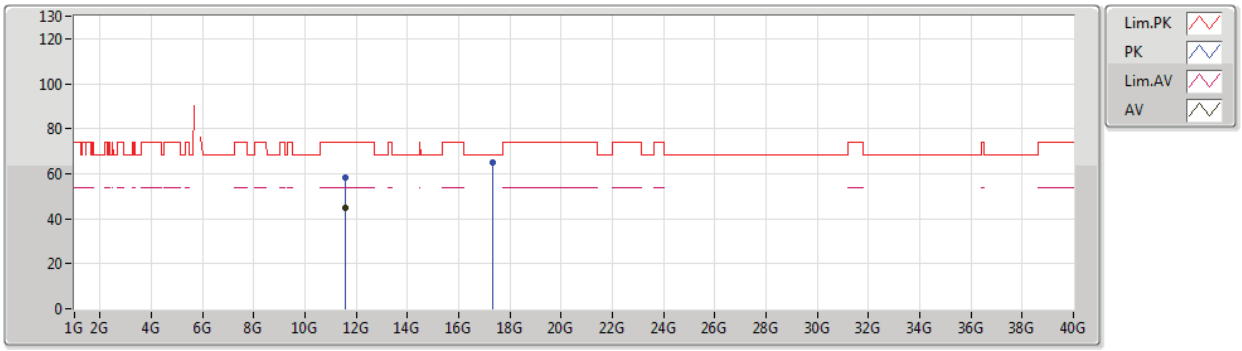
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20_Nss4,(MCS0)_4TX

28/12/2019

5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.56916G	44.55	54.00	-9.45	18.09	3	Horizontal	275	2.02	-	26.46	39.35	9.52	30.78
PK	11.5706G	58.03	74.00	-15.97	18.08	3	Horizontal	275	2.02	-	39.95	39.34	9.52	30.78
PK	17.34522G	64.99	68.20	-3.21	22.29	3	Horizontal	291	1.50	-	42.70	42.38	11.43	31.52

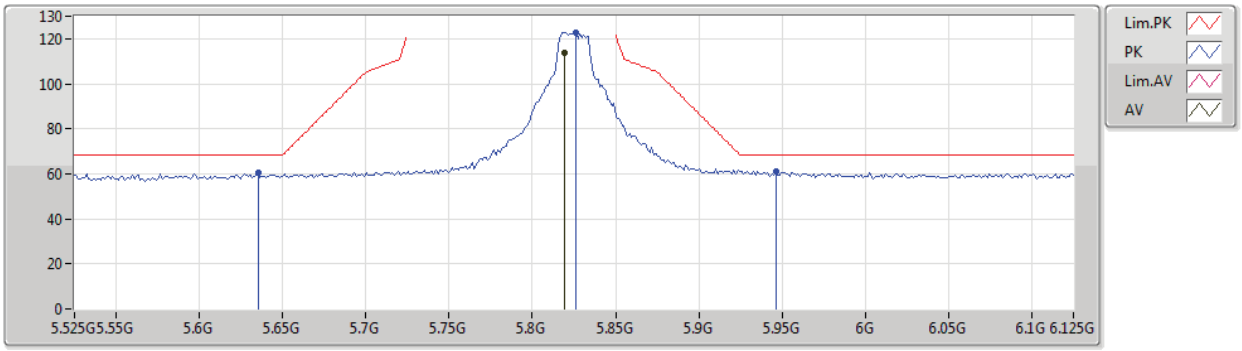
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20_Nss4,(MCS0)_4TX

28/12/2019

5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.819G	113.97	Inf	-Inf	9.13	3	Vertical	26	1.21	-	104.84	32.04	6.45	29.36
PK	5.6354G	60.45	68.20	-7.75	8.68	3	Vertical	26	1.21	-	51.77	31.74	6.30	29.36
PK	5.8262G	122.66	Inf	-Inf	9.14	3	Vertical	26	1.21	-	113.52	32.05	6.45	29.36
PK	5.9462G	61.21	68.20	-6.99	9.45	3	Vertical	26	1.21	-	51.76	32.25	6.55	29.35

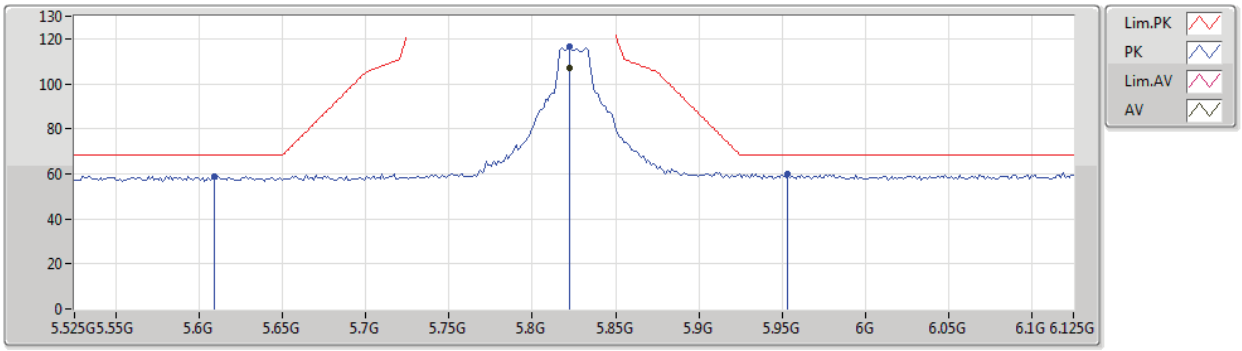
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20_Nss4,(MCS0)_4TX

28/12/2019

5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.8226G	106.94	Inf	-Inf	9.14	3	Horizontal	188	1.40	-	97.80	32.05	6.45	29.36
PK	5.609G	59.07	68.20	-9.13	8.62	3	Horizontal	188	1.40	-	50.45	31.71	6.28	29.37
PK	5.8226G	116.64	Inf	-Inf	9.14	3	Horizontal	188	1.40	-	107.50	32.05	6.45	29.36
PK	5.9534G	59.98	68.20	-8.22	9.45	3	Horizontal	188	1.40	-	50.53	32.25	6.55	29.35

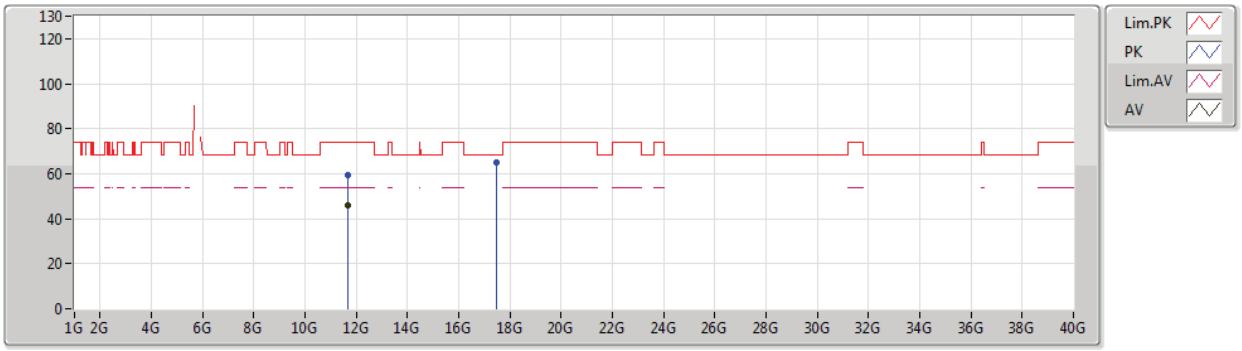
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20_Nss4,(MCS0)_4TX

28/12/2019

5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.64862G	46.00	54.00	-8.00	18.02	3	Vertical	86	1.49	-	27.98	39.23	9.58	30.79
PK	11.65114G	59.26	74.00	-14.74	18.01	3	Vertical	86	1.49	-	41.25	39.22	9.58	30.79
PK	17.47908G	65.11	68.20	-3.09	23.29	3	Vertical	220	1.04	-	41.82	43.26	11.48	31.45

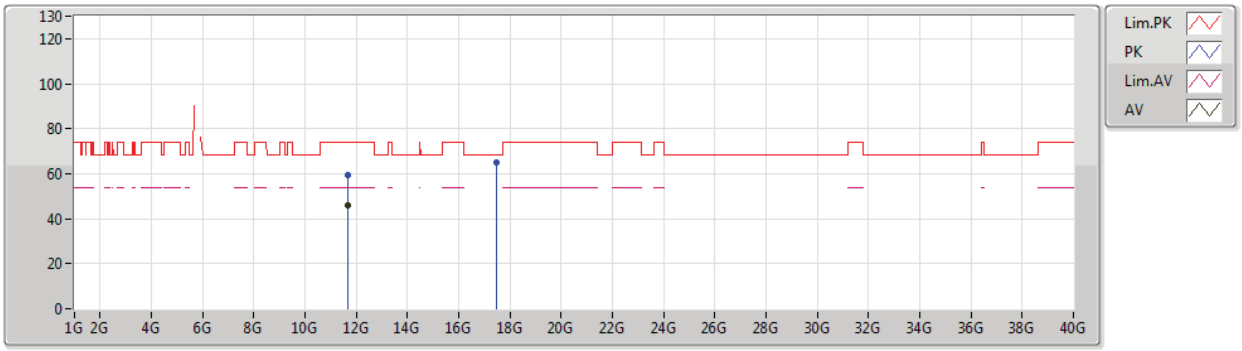
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20_Nss4,(MCS0)_4TX

28/12/2019

5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.6497G	45.77	54.00	-8.23	18.02	3	Horizontal	263	2.36	-	27.75	39.23	9.58	30.79
PK	11.64988G	59.29	74.00	-14.71	18.02	3	Horizontal	263	2.36	-	41.27	39.23	9.58	30.79
PK	17.48964G	65.21	68.20	-2.99	23.36	3	Horizontal	311	1.83	-	41.85	43.33	11.48	31.45

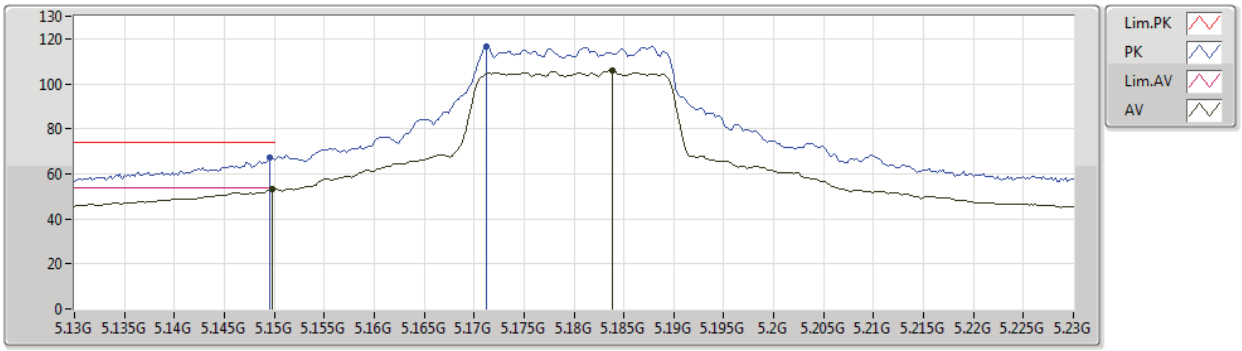
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20_Nss4,(MCS0)_4TX

17/12/2019

5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1498G	53.41	54.00	-0.59	8.37	3	Vertical	9	1.50	-	45.04	31.70	6.00	29.33
AV	5.1838G	105.84	Inf	-Inf	8.31	3	Vertical	9	1.50	-	97.53	31.63	6.02	29.34
PK	5.1496G	67.37	74.00	-6.63	8.37	3	Vertical	9	1.50	-	59.00	31.70	6.00	29.33
PK	5.1712G	116.63	Inf	-Inf	8.33	3	Vertical	9	1.50	-	108.30	31.66	6.01	29.34

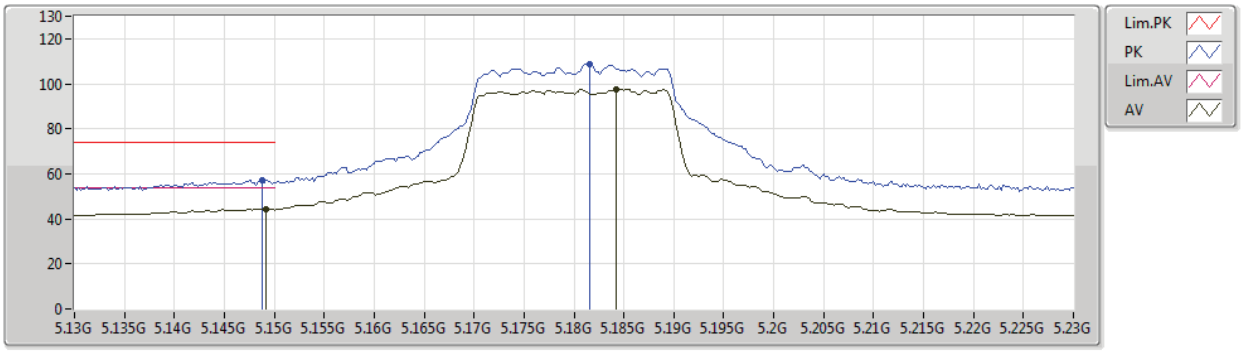
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20_Nss4,(MCS0)_4TX

17/12/2019

5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1492G	44.51	54.00	-9.49	8.37	3	Horizontal	140	3.00	-	36.14	31.70	6.00	29.33
AV	5.1842G	97.54	Inf	-Inf	8.31	3	Horizontal	140	3.00	-	89.23	31.63	6.02	29.34
PK	5.1488G	57.09	74.00	-16.91	8.37	3	Horizontal	140	3.00	-	48.72	31.70	6.00	29.33
PK	5.1816G	108.91	Inf	-Inf	8.32	3	Horizontal	140	3.00	-	100.59	31.64	6.02	29.34

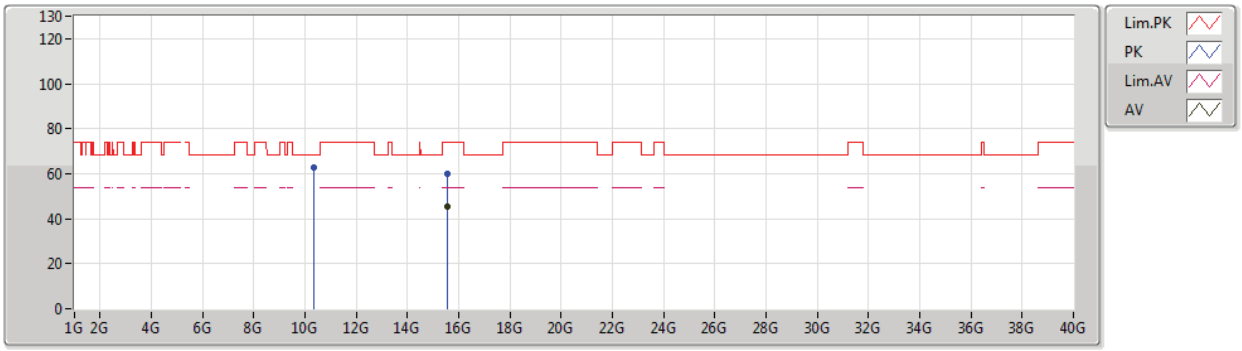
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20_Nss4,(MCS0)_4TX

17/12/2019

5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.54426G	45.57	54.00	-8.43	17.51	3	Vertical	197	1.48	-	28.06	38.56	10.81	31.86
PK	10.36186G	62.76	68.20	-5.44	17.55	3	Vertical	332	1.18	-	45.21	39.37	8.70	30.52
PK	15.53706G	59.92	74.00	-14.08	17.54	3	Vertical	197	1.48	-	42.38	38.59	10.81	31.86

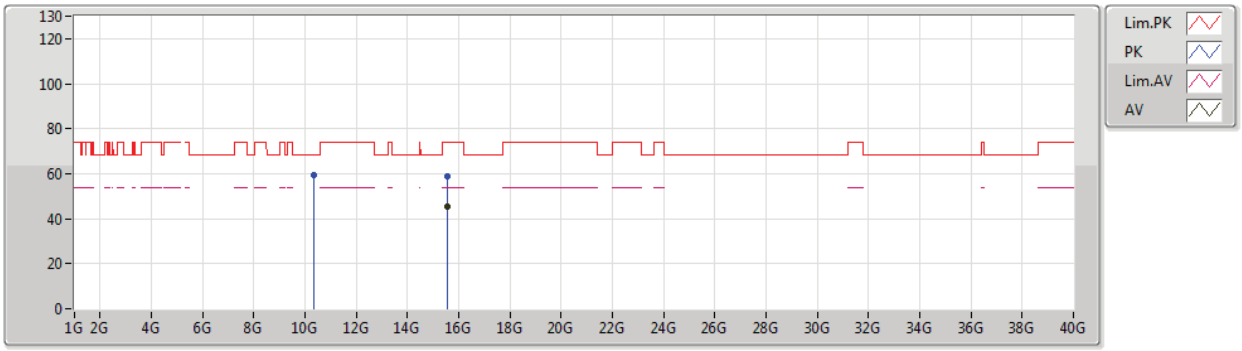
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20_Nss4,(MCS0)_4TX

17/12/2019

5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.53586G	45.56	54.00	-8.44	17.55	3	Horizontal	16	1.50	-	28.01	38.60	10.81	31.86
PK	10.35202G	59.51	68.20	-8.69	17.53	3	Horizontal	208	1.51	-	41.98	39.36	8.69	30.52
PK	15.55464G	59.00	74.00	-15.00	17.48	3	Horizontal	16	1.50	-	41.52	38.52	10.82	31.86

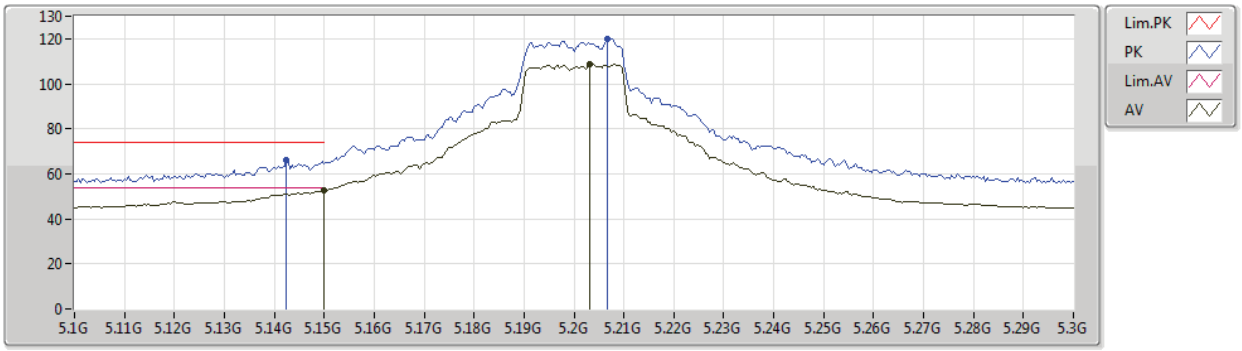
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20_Nss4,(MCS0)_4TX

5200MHz_TX

17/12/2019



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	52.53	54.00	-1.47	8.37	3	Vertical	9	1.60	-	44.16	31.70	6.00	29.33
AV	5.2032G	108.64	Inf	-Inf	8.28	3	Vertical	9	1.60	-	100.36	31.59	6.03	29.34
PK	5.1424G	66.18	74.00	-7.82	8.39	3	Vertical	9	1.60	-	57.79	31.72	6.00	29.33
PK	5.2068G	119.84	Inf	-Inf	8.27	3	Vertical	9	1.60	-	111.57	31.58	6.03	29.34

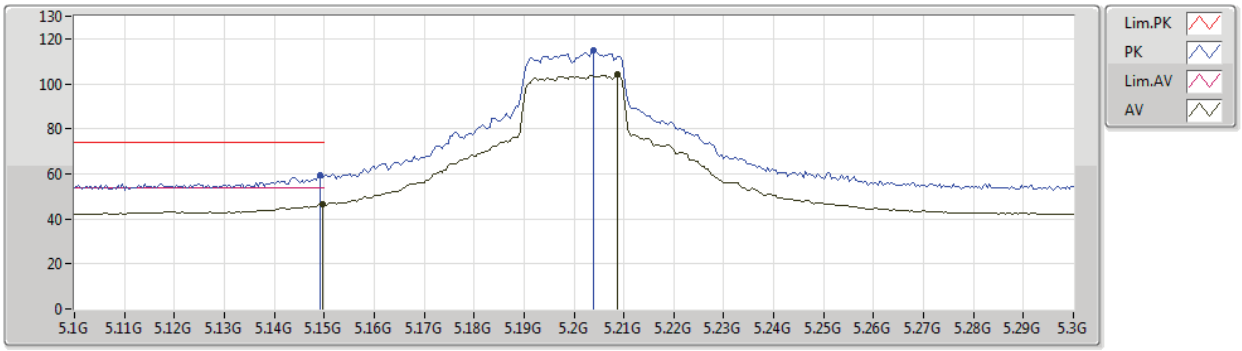
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20_Nss4,(MCS0)_4TX

5200MHz_TX

17/12/2019



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1496G	46.65	54.00	-7.35	8.37	3	Horizontal	140	1.47	-	38.28	31.70	6.00	29.33
AV	5.2088G	103.96	Inf	-Inf	8.26	3	Horizontal	140	1.47	-	95.70	31.57	6.03	29.34
PK	5.1492G	59.46	74.00	-14.54	8.37	3	Horizontal	140	1.47	-	51.09	31.70	6.00	29.33
PK	5.204G	114.71	Inf	-Inf	8.28	3	Horizontal	140	1.47	-	106.43	31.59	6.03	29.34

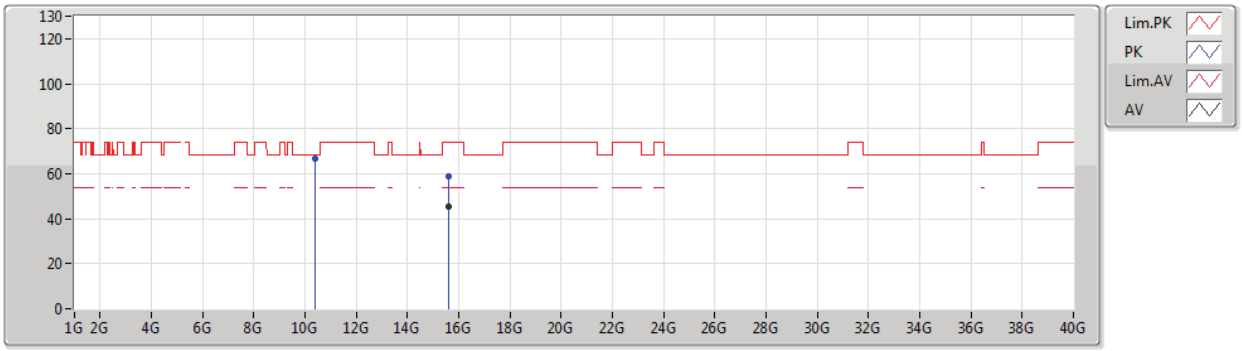
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20_Nss4,(MCS0)_4TX

17/12/2019

5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.59568G	45.17	54.00	-8.83	17.30	3	Vertical	226	1.58	-	27.87	38.34	10.83	31.87
PK	10.3958G	66.87	68.20	-1.33	17.59	3	Vertical	187	1.52	-	49.28	39.41	8.72	30.54
PK	15.60852G	58.87	74.00	-15.13	17.25	3	Vertical	226	1.58	-	41.62	38.28	10.84	31.87

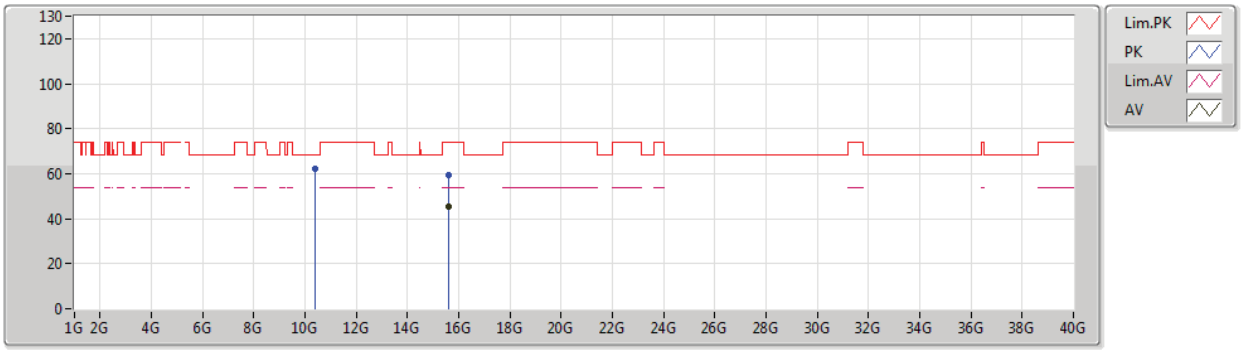
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20_Nss4,(MCS0)_4TX

5200MHz_TX

17/12/2019



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.60072G	45.55	54.00	-8.45	17.28	3	Horizontal	218	1.40	-	28.27	38.32	10.83	31.87
PK	10.40192G	62.44	68.20	-5.76	17.60	3	Horizontal	291	1.41	-	44.84	39.42	8.72	30.54
PK	15.59214G	59.31	74.00	-14.69	17.31	3	Horizontal	218	1.40	-	42.00	38.35	10.83	31.87

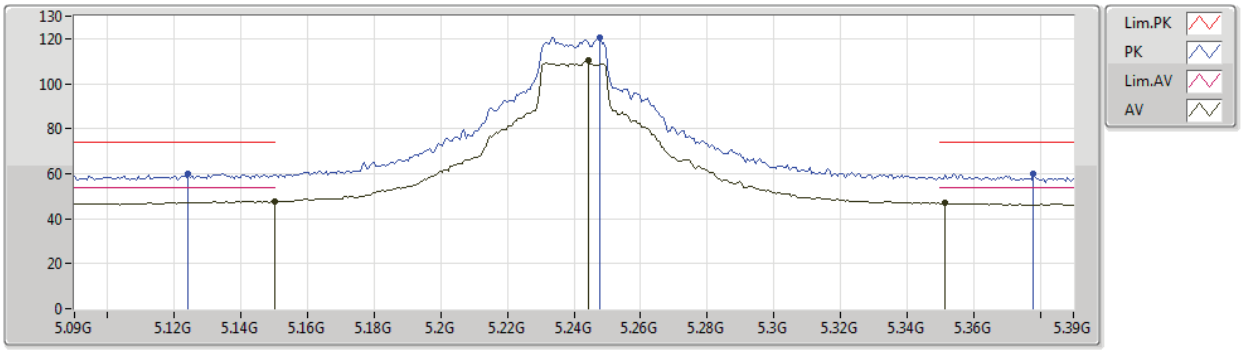
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20_Nss4,(MCS0)_4TX

17/12/2019

5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	47.56	54.00	-6.44	8.37	3	Vertical	13	1.49	-	39.19	31.70	6.00	29.33
AV	5.2442G	110.23	Inf	-Inf	8.18	3	Vertical	13	1.49	-	102.05	31.47	6.05	29.34
AV	5.3516G	46.81	54.00	-7.19	8.15	3	Vertical	13	1.49	-	38.66	31.40	6.11	29.36
PK	5.1242G	60.10	74.00	-13.90	8.41	3	Vertical	13	1.49	-	51.69	31.75	5.99	29.33
PK	5.2478G	120.50	Inf	-Inf	8.17	3	Vertical	13	1.49	-	112.33	31.46	6.05	29.34
PK	5.378G	60.02	74.00	-13.98	8.22	3	Vertical	13	1.49	-	51.80	31.46	6.12	29.36

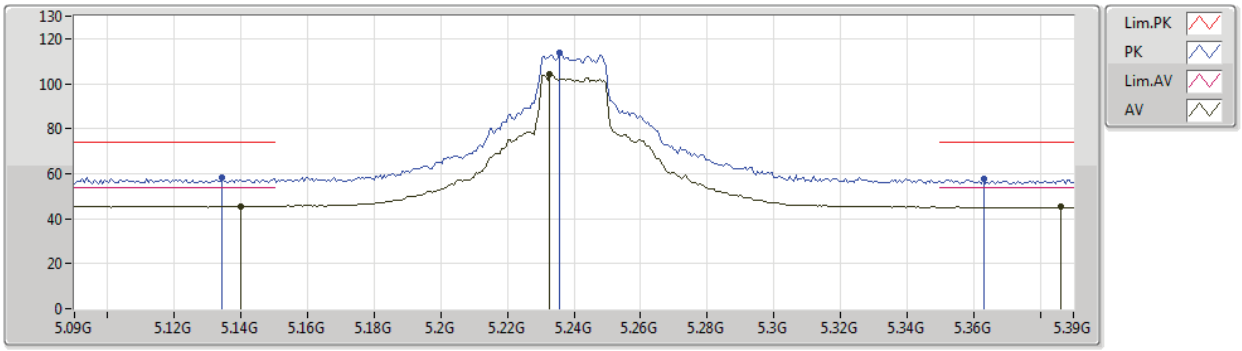
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20_Nss4,(MCS0)_4TX

17/12/2019

5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1398G	45.63	54.00	-8.37	8.39	3	Horizontal	183	1.62	-	37.24	31.72	6.00	29.33
AV	5.2328G	104.22	Inf	-Inf	8.21	3	Horizontal	183	1.62	-	96.01	31.50	6.05	29.34
AV	5.3864G	45.15	54.00	-8.85	8.24	3	Horizontal	183	1.62	-	36.91	31.47	6.13	29.36
PK	5.1344G	58.23	74.00	-15.77	8.39	3	Horizontal	183	1.62	-	49.84	31.73	5.99	29.33
PK	5.2358G	113.80	Inf	-Inf	8.20	3	Horizontal	183	1.62	-	105.60	31.49	6.05	29.34
PK	5.363G	57.69	74.00	-16.31	8.19	3	Horizontal	183	1.62	-	49.50	31.43	6.12	29.36

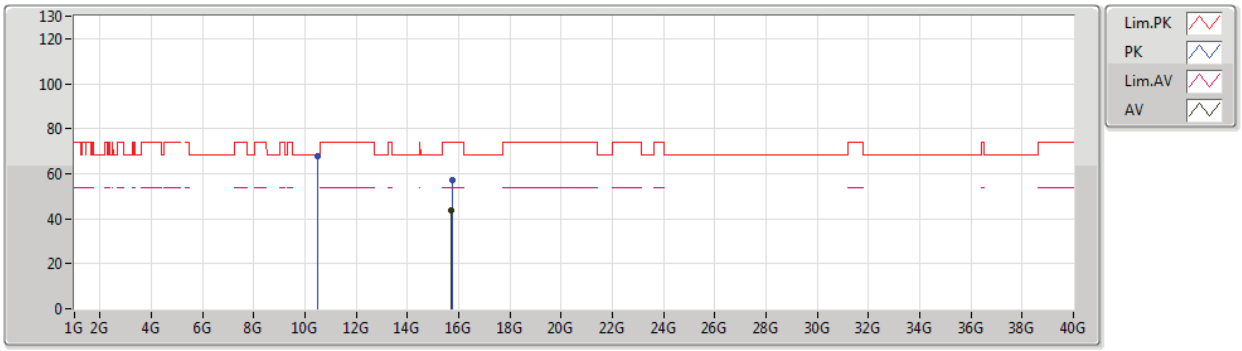
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20_Nss4,(MCS0)_4TX

17/12/2019

5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.70548G	43.88	54.00	-10.12	16.85	3	Vertical	230	2.52	-	27.03	37.87	10.88	31.90
PK	10.48636G	68.05	68.20	-0.15	17.74	3	Vertical	79	1.47	-	50.31	39.53	8.78	30.57
PK	15.73014G	57.40	74.00	-16.60	16.74	3	Vertical	230	2.52	-	40.66	37.76	10.88	31.90

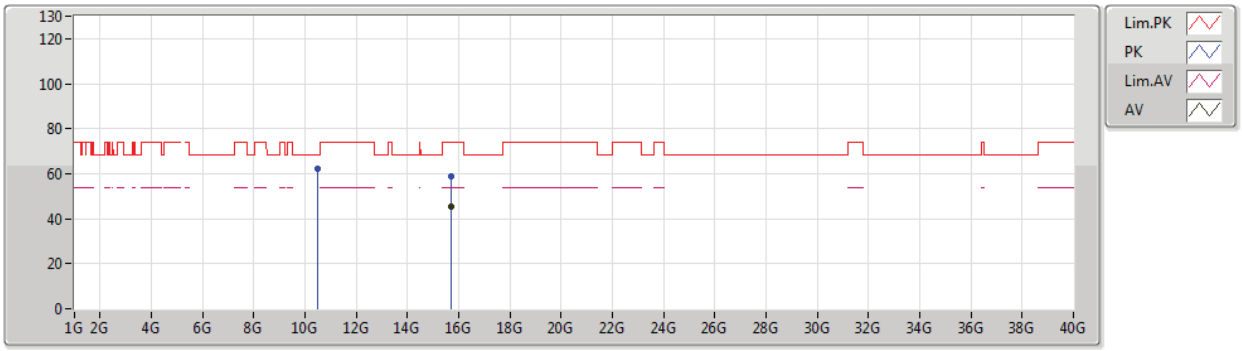
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20_Nss4,(MCS0)_4TX

17/12/2019

5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.71982G	45.17	54.00	-8.83	16.78	3	Horizontal	221	1.50	-	28.39	37.80	10.88	31.90
PK	10.48612G	62.28	68.20	-5.92	17.74	3	Horizontal	293	2.06	-	44.54	39.53	8.78	30.57
PK	15.71532G	59.08	74.00	-14.92	16.80	3	Horizontal	221	1.50	-	42.28	37.82	10.88	31.90

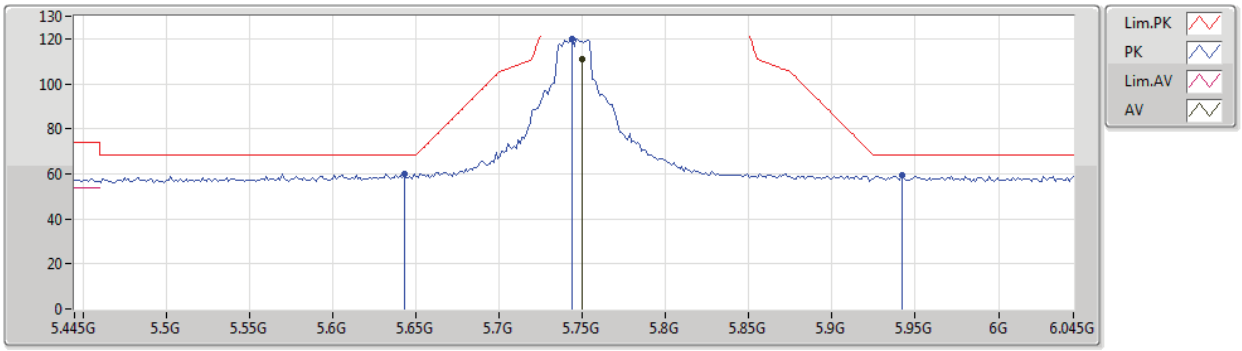
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

802.11ax HEW20_Nss4,(MCS0)_4TX

5745MHz_TX

16/12/2019



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7498G	110.74	Inf	-Inf	8.93	3	Vertical	119	1.50	-	101.81	31.90	6.39	29.36
PK	5.643G	60.00	68.20	-8.20	8.68	3	Vertical	119	1.50	-	51.32	31.74	6.30	29.36
PK	5.7438G	120.06	Inf	-Inf	8.92	3	Vertical	119	1.50	-	111.14	31.89	6.39	29.36
PK	5.9418G	59.12	68.20	-9.08	9.43	3	Vertical	119	1.50	-	49.69	32.24	6.54	29.35

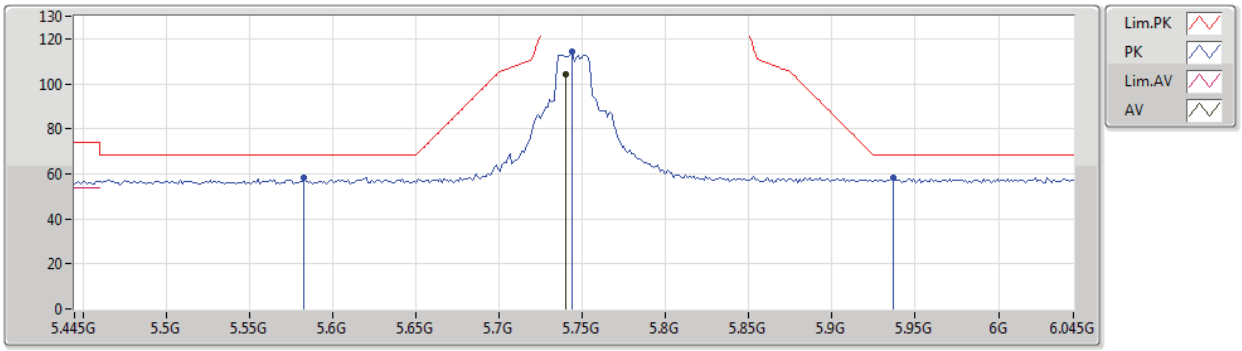
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20_Nss4,(MCS0)_4TX

16/12/2019

5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7402G	104.24	Inf	-Inf	8.90	3	Horizontal	189	1.46	-	95.34	31.88	6.38	29.36
PK	5.583G	58.15	68.20	-10.05	8.62	3	Horizontal	189	1.46	-	49.53	31.73	6.26	29.37
PK	5.7438G	114.15	Inf	-Inf	8.92	3	Horizontal	189	1.46	-	105.23	31.89	6.39	29.36
PK	5.937G	58.48	68.20	-9.72	9.43	3	Horizontal	189	1.46	-	49.05	32.24	6.54	29.35

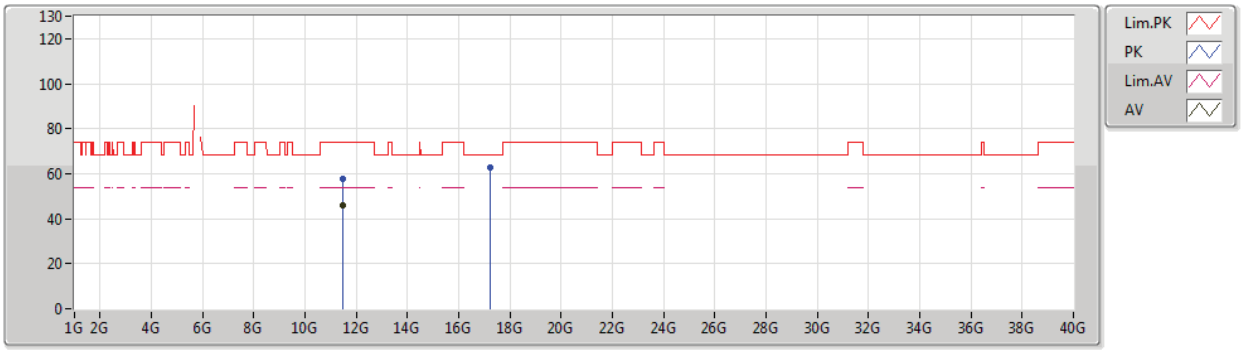
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20_Nss4,(MCS0)_4TX

16/12/2019

5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.48898G	45.80	54.00	-8.20	18.17	3	Vertical	86	1.30	-	27.63	39.47	9.47	30.77
PK	11.48898G	57.78	74.00	-16.22	18.17	3	Vertical	86	1.30	-	39.61	39.47	9.47	30.77
PK	17.23374G	62.62	68.20	-5.58	21.47	3	Vertical	224	1.51	-	41.15	41.64	11.40	31.57

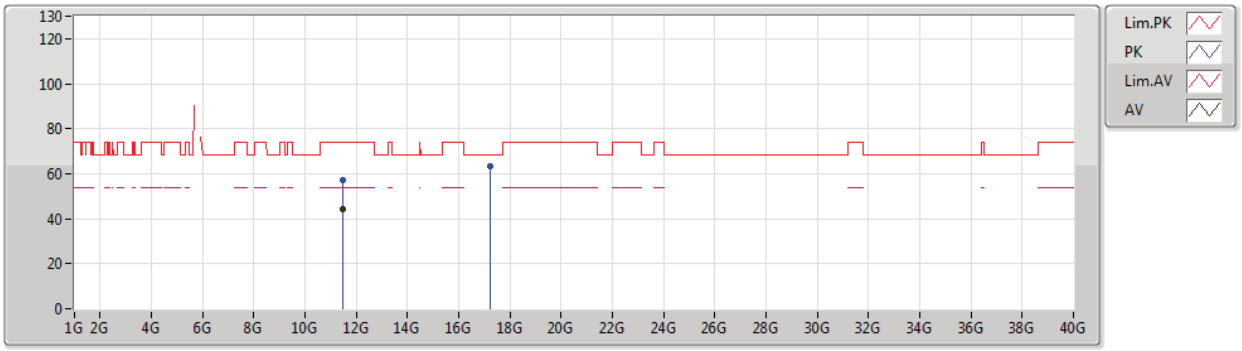
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20_Nss4,(MCS0)_4TX

16/12/2019

5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.4891G	44.20	54.00	-9.80	18.17	3	Horizontal	324	1.68	-	26.03	39.47	9.47	30.77
PK	11.49246G	57.00	74.00	-17.00	18.16	3	Horizontal	324	1.68	-	38.84	39.46	9.47	30.77
PK	17.23542G	63.33	68.20	-4.87	21.48	3	Horizontal	324	2.31	-	41.85	41.65	11.40	31.57

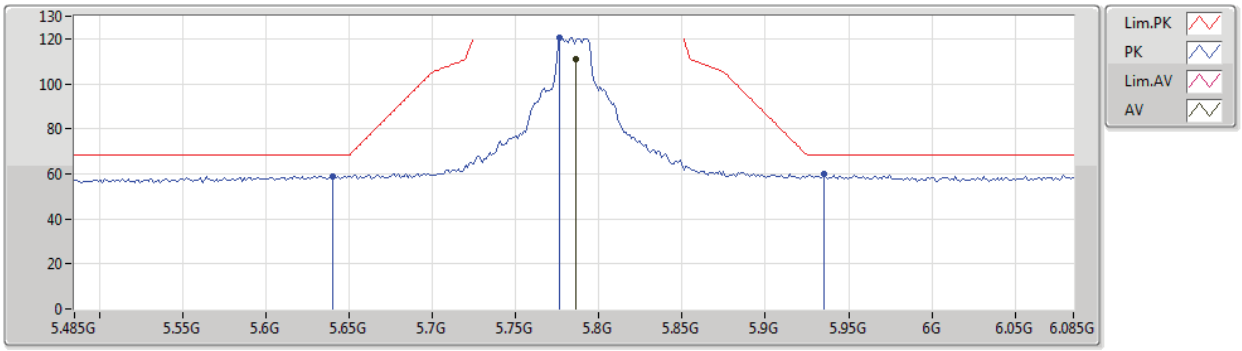
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20_Nss4,(MCS0)_4TX

16/12/2019

5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7862G	111.18	Inf	-Inf	9.03	3	Vertical	29	1.29	-	102.15	31.97	6.42	29.36
PK	5.6398G	59.03	68.20	-9.17	8.68	3	Vertical	29	1.29	-	50.35	31.74	6.30	29.36
PK	5.7766G	120.60	Inf	-Inf	9.00	3	Vertical	29	1.29	-	111.60	31.95	6.41	29.36
PK	5.935G	59.72	68.20	-8.48	9.42	3	Vertical	29	1.29	-	50.30	32.23	6.54	29.35

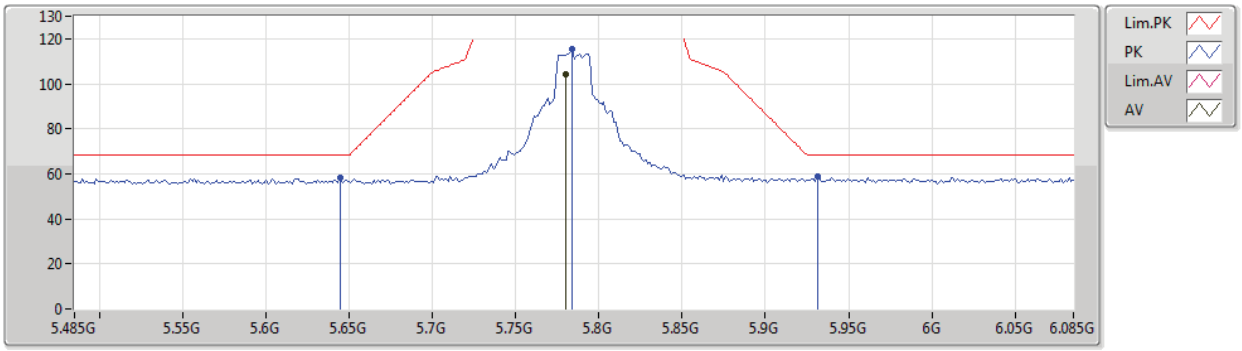
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20_Nss4,(MCS0)_4TX

16/12/2019

5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7802G	104.47	Inf	-Inf	9.01	3	Horizontal	189	1.47	-	95.46	31.96	6.41	29.36
PK	5.6446G	58.53	68.20	-9.67	8.69	3	Horizontal	189	1.47	-	49.84	31.74	6.31	29.36
PK	5.7838G	115.50	Inf	-Inf	9.03	3	Horizontal	189	1.47	-	106.47	31.97	6.42	29.36
PK	5.9314G	58.67	68.20	-9.53	9.42	3	Horizontal	189	1.47	-	49.25	32.23	6.54	29.35

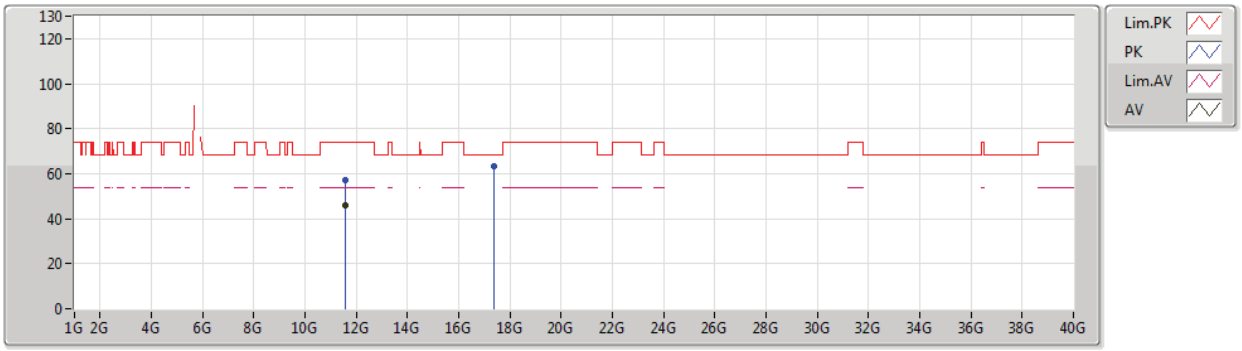
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20_Nss4,(MCS0)_4TX

16/12/2019

5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.5691G	46.12	54.00	-7.88	18.09	3	Vertical	86	1.26	-	28.03	39.35	9.52	30.78
PK	11.57096G	57.36	74.00	-16.64	18.08	3	Vertical	86	1.26	-	39.28	39.34	9.52	30.78
PK	17.36898G	63.56	68.20	-4.64	22.47	3	Vertical	152	1.50	-	41.09	42.54	11.44	31.51

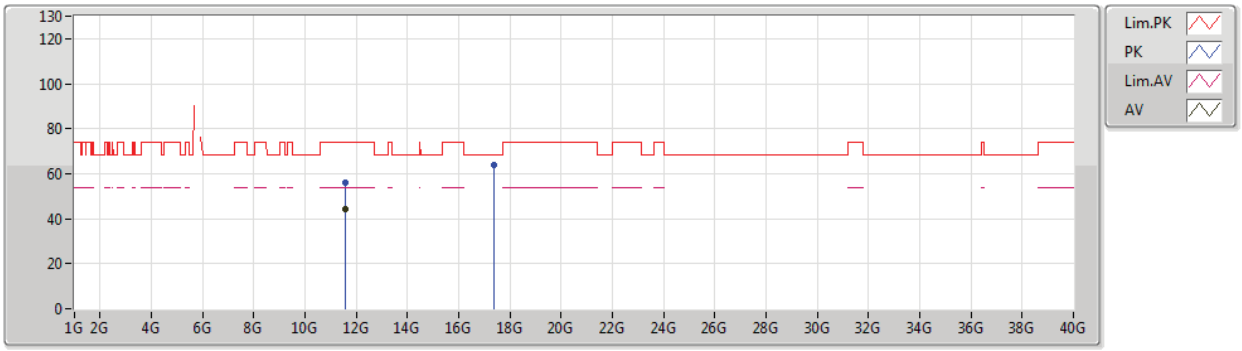
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20_Nss4,(MCS0)_4TX

16/12/2019

5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.57258G	44.25	54.00	-9.75	18.09	3	Horizontal	331	1.77	-	26.16	39.34	9.53	30.78
PK	11.57318G	56.23	74.00	-17.77	18.09	3	Horizontal	331	1.77	-	38.14	39.34	9.53	30.78
PK	17.36616G	63.97	68.20	-4.23	22.45	3	Horizontal	318	2.07	-	41.52	42.52	11.44	31.51

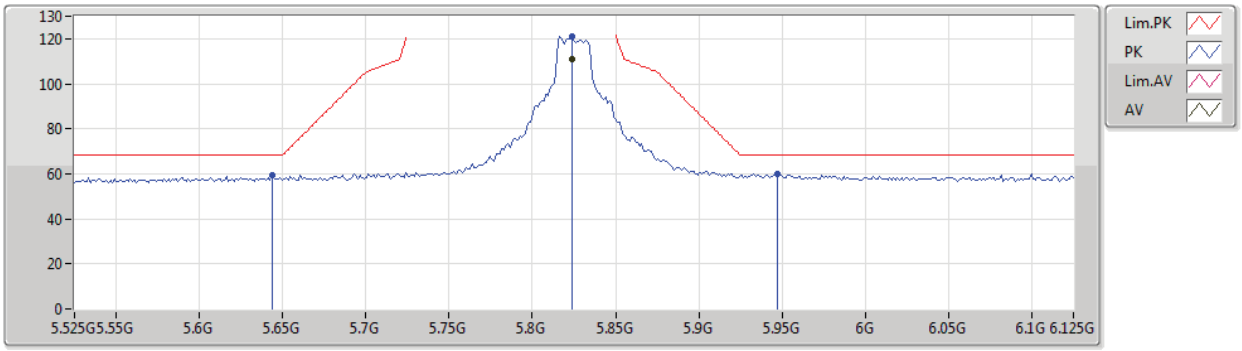
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20_Nss4,(MCS0)_4TX

16/12/2019

5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.8238G	110.96	Inf	-Inf	9.14	3	Vertical	32	1.06	-	101.82	32.05	6.45	29.36
PK	5.6438G	59.13	68.20	-9.07	8.69	3	Vertical	32	1.06	-	50.44	31.74	6.31	29.36
PK	5.8238G	121.28	Inf	-Inf	9.14	3	Vertical	32	1.06	-	112.14	32.05	6.45	29.36
PK	5.9474G	59.95	68.20	-8.25	9.45	3	Vertical	32	1.06	-	50.50	32.25	6.55	29.35

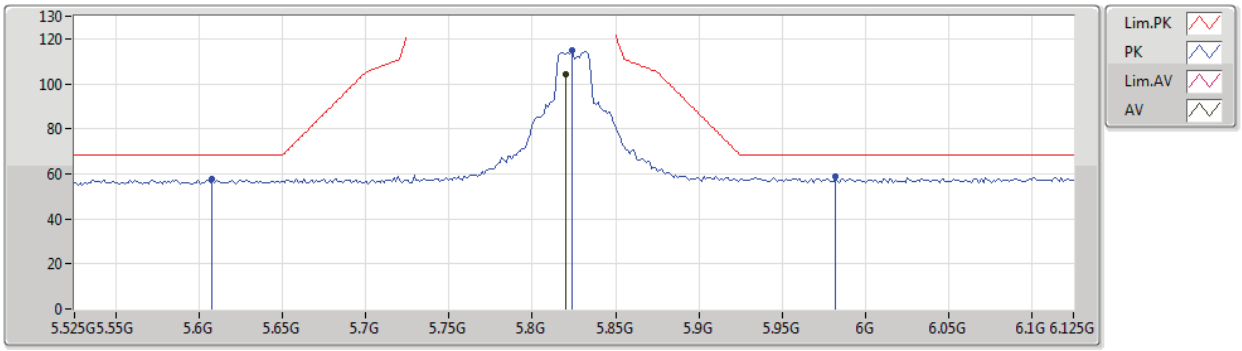
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20_Nss4,(MCS0)_4TX

16/12/2019

5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.8202G	104.39	Inf	-Inf	9.13	3	Horizontal	188	1.50	-	95.26	32.04	6.45	29.36
PK	5.6078G	57.44	68.20	-10.76	8.62	3	Horizontal	188	1.50	-	48.82	31.71	6.28	29.37
PK	5.8238G	115.12	Inf	-Inf	9.14	3	Horizontal	188	1.50	-	105.98	32.05	6.45	29.36
PK	5.9822G	58.76	68.20	-9.44	9.51	3	Horizontal	188	1.50	-	49.25	32.28	6.58	29.35

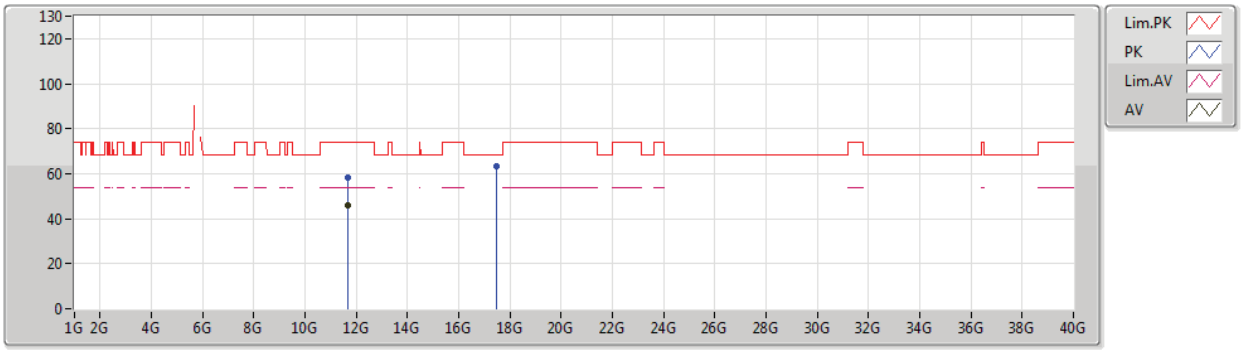
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20_Nss4,(MCS0)_4TX

16/12/2019

5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.65042G	45.67	54.00	-8.33	18.01	3	Vertical	75	1.50	-	27.66	39.22	9.58	30.79
PK	11.656G	58.18	74.00	-15.82	18.01	3	Vertical	75	1.50	-	40.17	39.22	9.58	30.79
PK	17.47482G	63.31	68.20	-4.89	23.26	3	Vertical	287	1.50	-	40.05	43.23	11.48	31.45

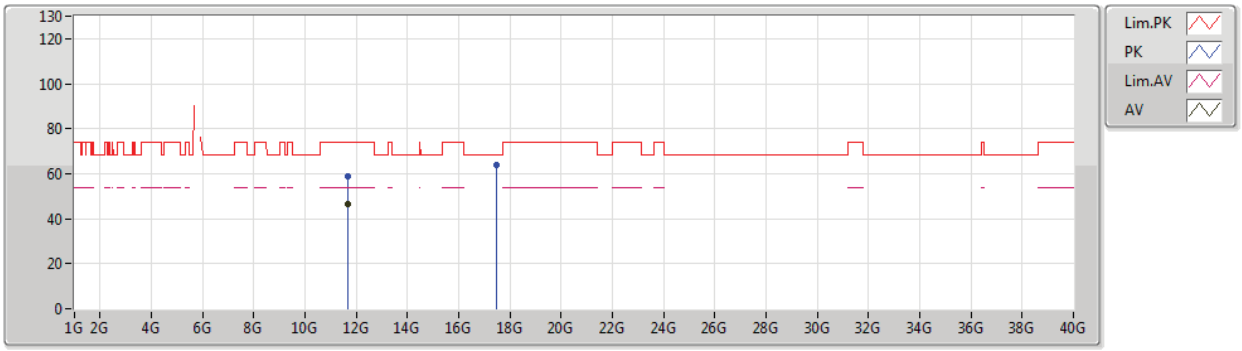
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20_Nss4,(MCS0)_4TX

16/12/2019

5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.65036G	46.57	54.00	-7.43	18.01	3	Horizontal	268	2.24	-	28.56	39.22	9.58	30.79
PK	11.65016G	58.93	74.00	-15.07	18.01	3	Horizontal	268	2.24	-	40.92	39.22	9.58	30.79
PK	17.47044G	64.00	68.20	-4.20	23.23	3	Horizontal	311	2.88	-	40.77	43.20	11.48	31.45

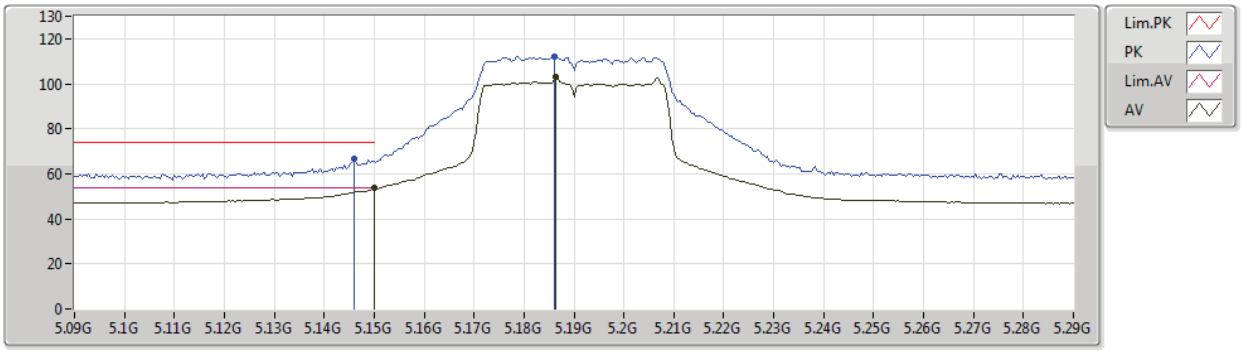
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT40_Nss4,(MCS0)_4TX

28/12/2019

5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	53.76	54.00	-0.24	8.37	3	Vertical	334	1.50	-	45.39	31.70	6.00	29.33
AV	5.1864G	103.18	Inf	-Inf	8.31	3	Vertical	334	1.50	-	94.87	31.63	6.02	29.34
PK	5.146G	66.56	74.00	-7.44	8.38	3	Vertical	334	1.50	-	58.18	31.71	6.00	29.33
PK	5.186G	112.12	Inf	-Inf	8.31	3	Vertical	334	1.50	-	103.81	31.63	6.02	29.34

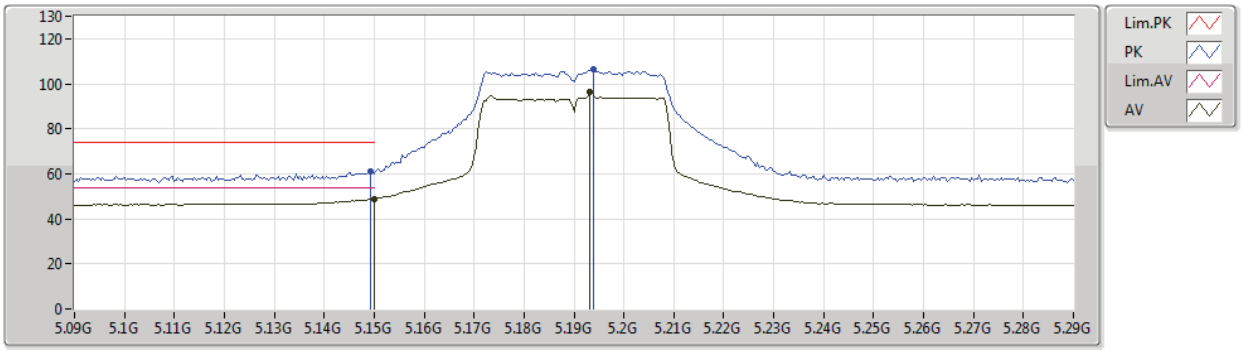
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT40_Nss4,(MCS0)_4TX

28/12/2019

5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	48.90	54.00	-5.10	8.37	3	Horizontal	176	1.78	-	40.53	31.70	6.00	29.33
AV	5.1932G	96.14	Inf	-Inf	8.29	3	Horizontal	176	1.78	-	87.85	31.61	6.02	29.34
PK	5.1492G	61.28	74.00	-12.72	8.37	3	Horizontal	176	1.78	-	52.91	31.70	6.00	29.33
PK	5.194G	106.29	Inf	-Inf	8.29	3	Horizontal	176	1.78	-	98.00	31.61	6.02	29.34

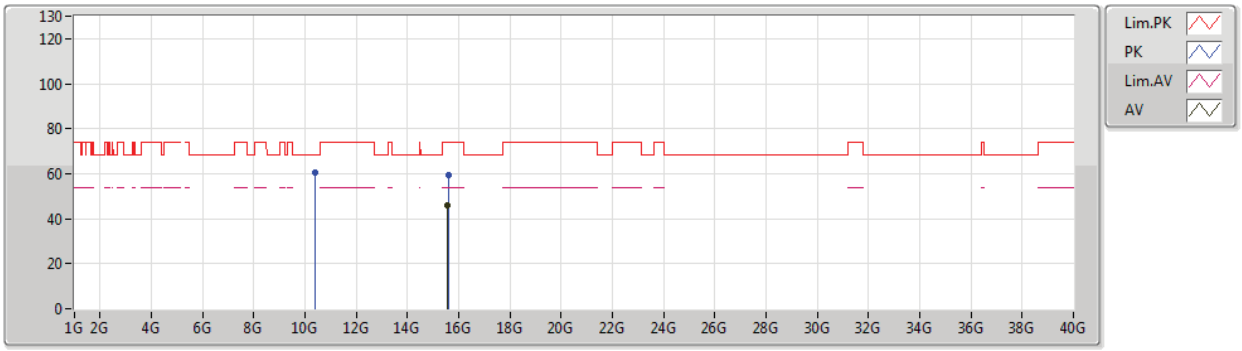
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT40_Nss4,(MCS0)_4TX

28/12/2019

5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.56214G	46.08	54.00	-7.92	17.44	3	Vertical	30	1.50	-	28.64	38.48	10.82	31.86
PK	10.37934G	60.41	68.20	-7.79	17.57	3	Vertical	181	1.42	-	42.84	39.39	8.71	30.53
PK	15.58464G	59.43	74.00	-14.57	17.35	3	Vertical	30	1.50	-	42.08	38.39	10.83	31.87

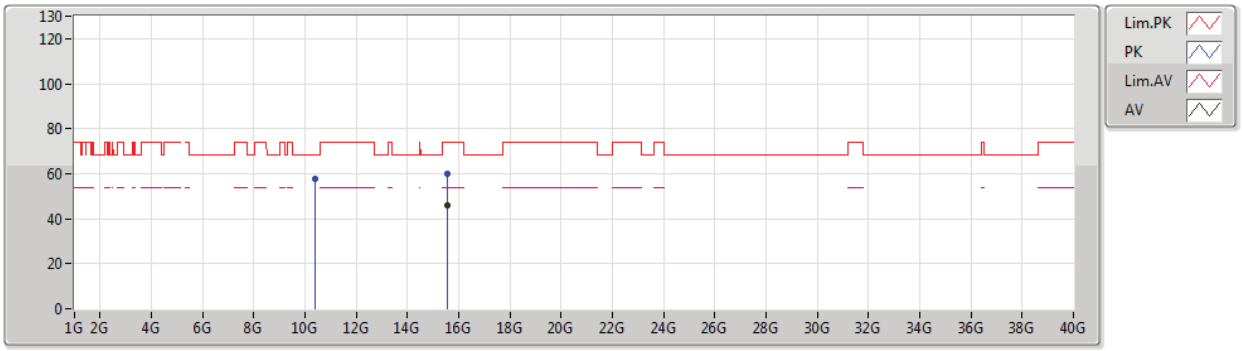
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT40_Nss4,(MCS0)_4TX

28/12/2019

5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.5598G	45.99	54.00	-8.01	17.45	3	Horizontal	83	1.96	-	28.54	38.49	10.82	31.86
PK	10.3842G	57.85	68.20	-10.35	17.58	3	Horizontal	291	1.50	-	40.27	39.40	8.71	30.53
PK	15.57594G	59.92	74.00	-14.08	17.37	3	Horizontal	83	1.96	-	42.55	38.42	10.82	31.87

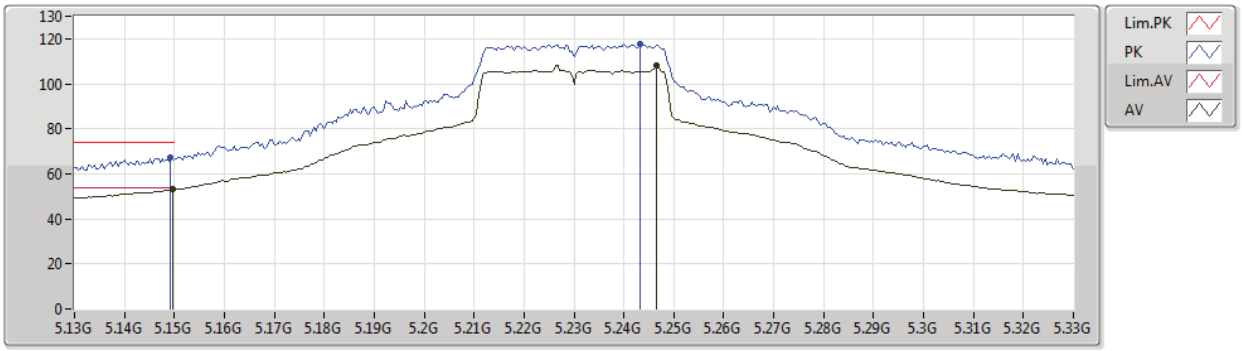
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT40_Nss4,(MCS0)_4TX

28/12/2019

5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1496G	53.05	54.00	-0.95	8.37	3	Vertical	273	1.63	-	44.68	31.70	6.00	29.33
AV	5.2464G	108.20	Inf	-Inf	8.17	3	Vertical	273	1.63	-	100.03	31.46	6.05	29.34
PK	5.1492G	66.99	74.00	-7.01	8.37	3	Vertical	273	1.63	-	58.62	31.70	6.00	29.33
PK	5.2432G	117.55	Inf	-Inf	8.18	3	Vertical	273	1.63	-	109.37	31.47	6.05	29.34

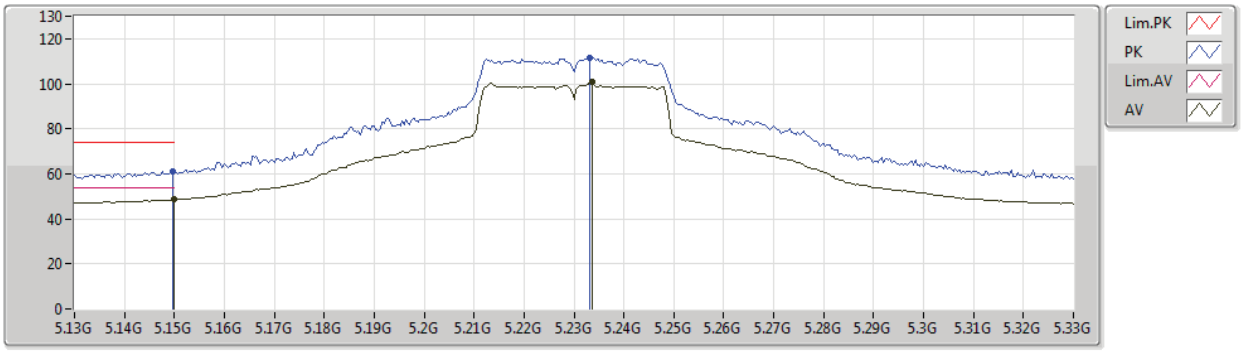
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT40_Nss4,(MCS0)_4TX

28/12/2019

5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	48.47	54.00	-5.53	8.37	3	Horizontal	176	1.54	-	40.10	31.70	6.00	29.33
AV	5.2336G	101.07	Inf	-Inf	8.21	3	Horizontal	176	1.54	-	92.86	31.50	6.05	29.34
PK	5.1496G	61.33	74.00	-12.67	8.37	3	Horizontal	176	1.54	-	52.96	31.70	6.00	29.33
PK	5.2332G	111.66	Inf	-Inf	8.21	3	Horizontal	176	1.54	-	103.45	31.50	6.05	29.34

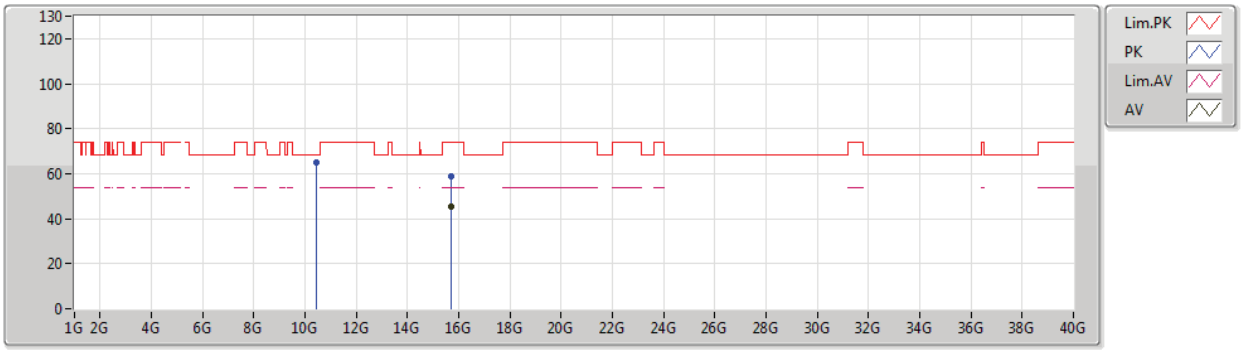
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT40_Nss4,(MCS0)_4TX

28/12/2019

5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.68448G	45.14	54.00	-8.86	16.94	3	Vertical	357	1.60	-	28.20	37.96	10.87	31.89
PK	10.4628G	65.28	68.20	-2.92	17.69	3	Vertical	91	1.49	-	47.59	39.50	8.76	30.57
PK	15.6915G	58.63	74.00	-15.37	16.91	3	Vertical	357	1.60	-	41.72	37.93	10.87	31.89

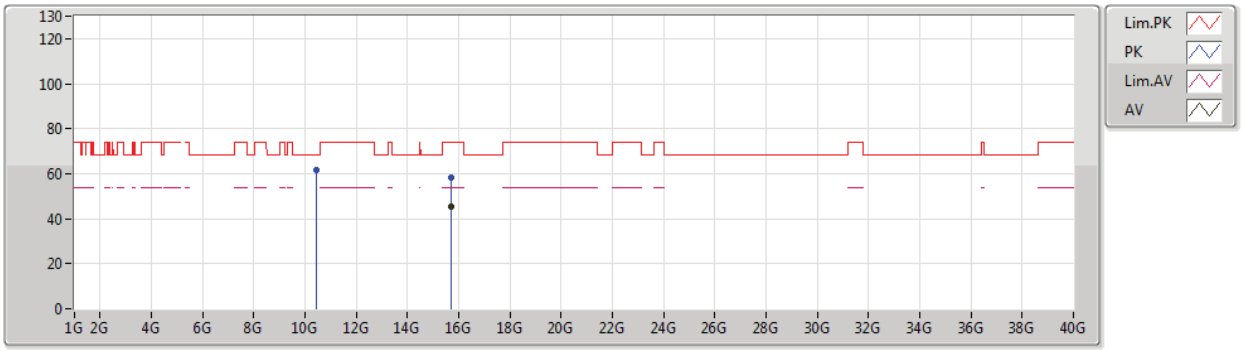
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT40_Nss4,(MCS0)_4TX

28/12/2019

5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.68394G	45.15	54.00	-8.85	16.94	3	Horizontal	318	1.92	-	28.21	37.96	10.87	31.89
PK	10.45844G	61.54	68.20	-6.66	17.70	3	Horizontal	292	1.43	-	43.84	39.50	8.76	30.56
PK	15.68196G	58.55	74.00	-15.45	16.95	3	Horizontal	318	1.92	-	41.60	37.97	10.87	31.89

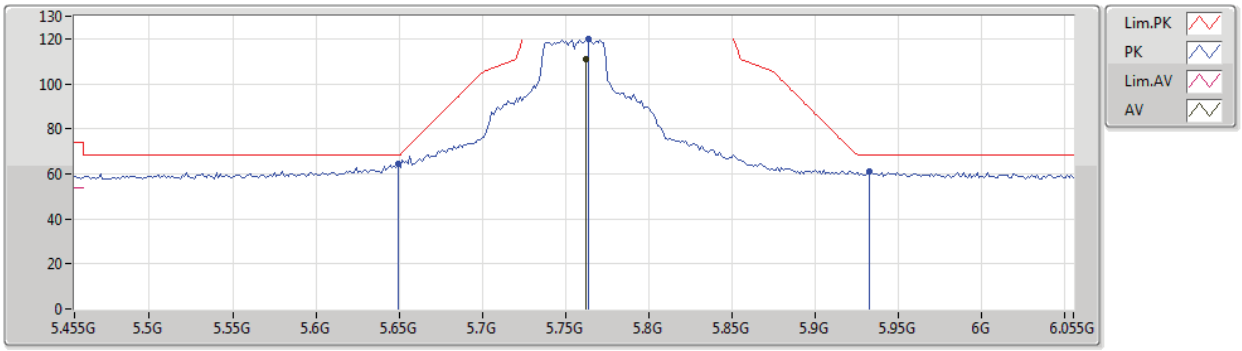
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

802.11ac VHT40_Nss4,(MCS0)_4TX

5755MHz_TX

30/12/2019



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7622G	110.93	Inf	-Inf	8.96	3	Vertical	36	1.49	-	101.97	31.92	6.40	29.36
PK	5.6494G	64.68	68.20	-3.52	8.70	3	Vertical	36	1.49	-	55.98	31.75	6.31	29.36
PK	5.7634G	119.79	Inf	-Inf	8.97	3	Vertical	36	1.49	-	110.82	31.93	6.40	29.36
PK	5.9326G	61.04	68.20	-7.16	9.42	3	Vertical	36	1.49	-	51.62	32.23	6.54	29.35

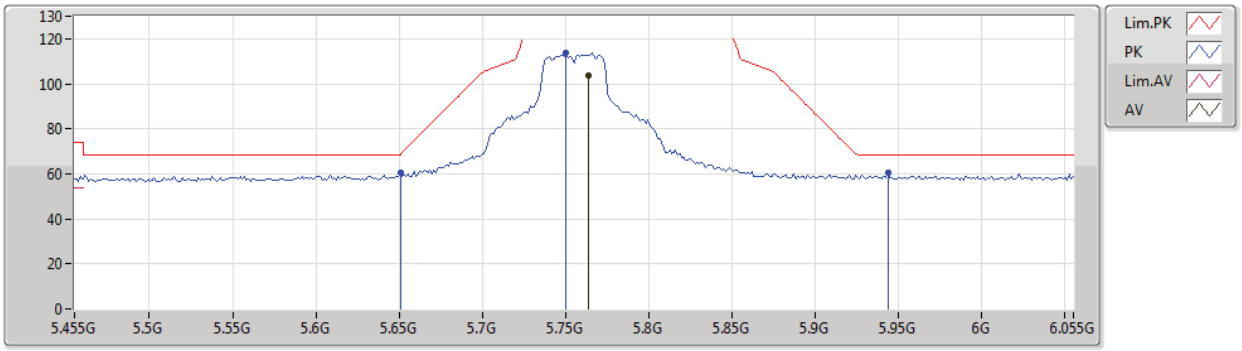
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT40_Nss4,(MCS0)_4TX

5755MHz_TX

30/12/2019



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7634G	103.46	Inf	-Inf	8.97	3	Horizontal	195	1.46	-	94.49	31.93	6.40	29.36
PK	5.6506G	60.34	68.64	-8.30	8.70	3	Horizontal	195	1.46	-	51.64	31.75	6.31	29.36
PK	5.7502G	113.91	Inf	-Inf	8.93	3	Horizontal	195	1.46	-	104.98	31.90	6.39	29.36
PK	5.9434G	60.34	68.20	-7.86	9.43	3	Horizontal	195	1.46	-	50.91	32.24	6.54	29.35

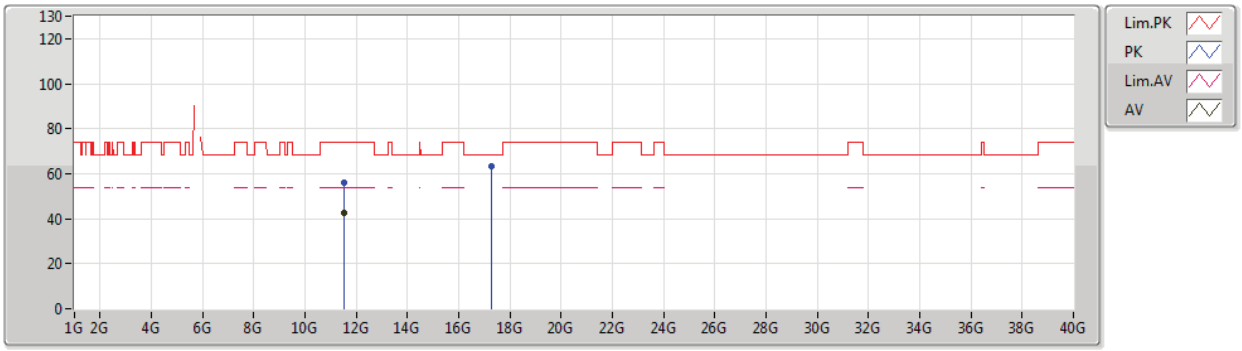
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT40_Nss4,(MCS0)_4TX

30/12/2019

5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.50897G	42.49	54.00	-11.51	18.15	3	Vertical	90	1.36	-	24.34	39.44	9.48	30.77
PK	11.5119G	56.04	74.00	-17.96	18.14	3	Vertical	90	1.36	-	37.90	39.43	9.48	30.77
PK	17.27556G	63.40	68.20	-4.80	21.78	3	Vertical	95	1.50	-	41.62	41.92	11.41	31.55

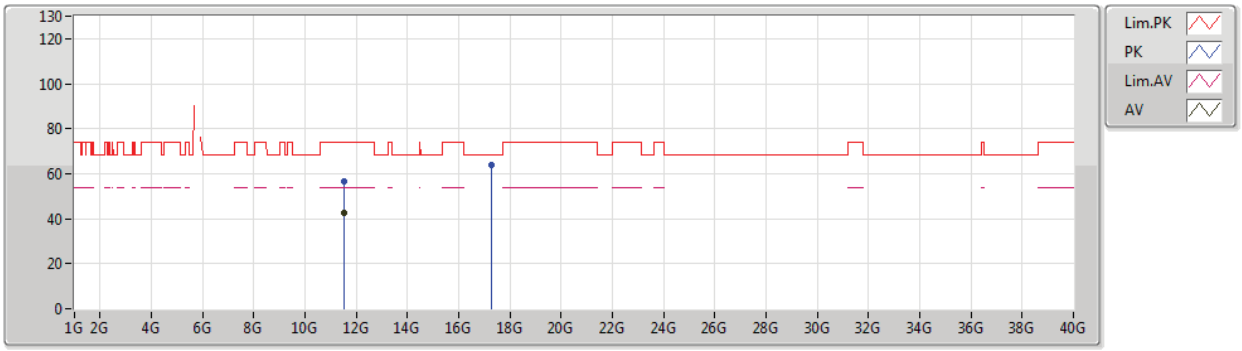
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT40_Nss4,(MCS0)_4TX

30/12/2019

5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.5099G	42.41	54.00	-11.59	18.15	3	Horizontal	329	1.67	-	24.26	39.44	9.48	30.77
PK	11.50757G	56.34	74.00	-17.66	18.15	3	Horizontal	329	1.67	-	38.19	39.44	9.48	30.77
PK	17.2635G	63.79	68.20	-4.41	21.69	3	Horizontal	161	2.10	-	42.10	41.84	11.41	31.56

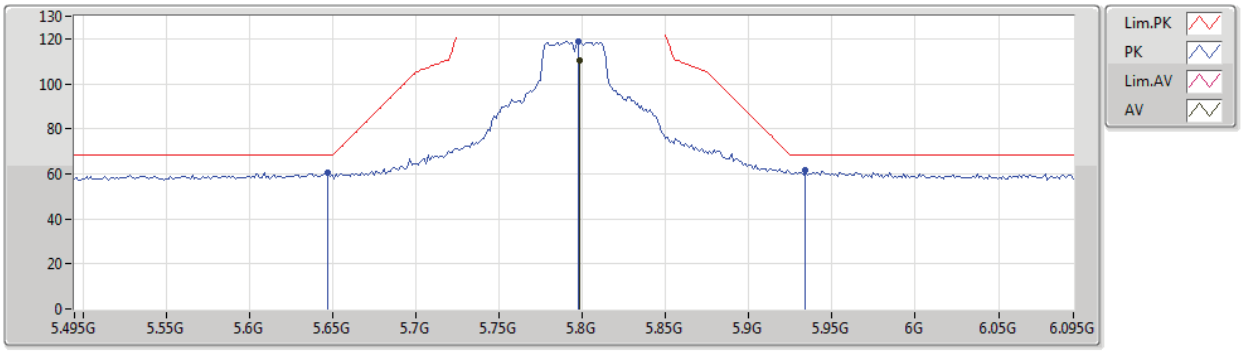
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT40_Nss4,(MCS0)_4TX

5795MHz_TX

30/12/2019



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7986G	110.36	Inf	-Inf	9.07	3	Vertical	267	1.50	-	101.29	32.00	6.43	29.36
PK	5.6474G	60.61	68.20	-7.59	8.70	3	Vertical	267	1.50	-	51.91	31.75	6.31	29.36
PK	5.7974G	119.05	Inf	-Inf	9.06	3	Vertical	267	1.50	-	109.99	31.99	6.43	29.36
PK	5.9342G	61.47	68.20	-6.73	9.42	3	Vertical	267	1.50	-	52.05	32.23	6.54	29.35

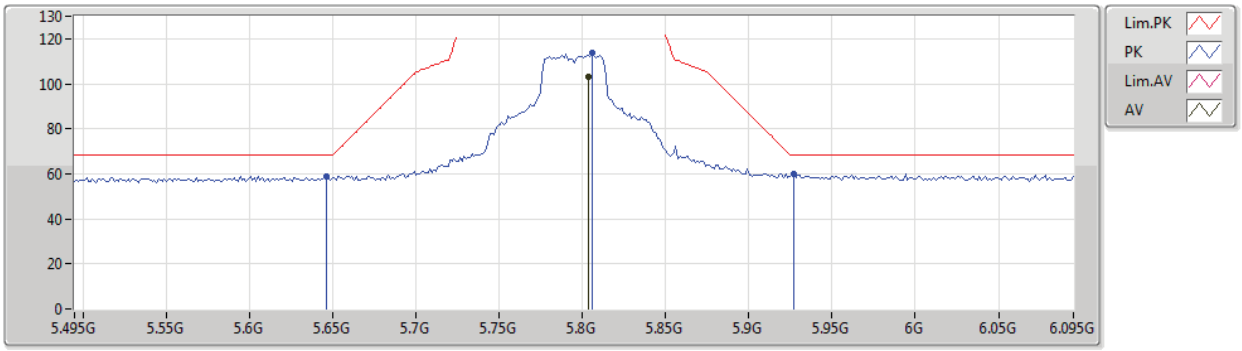
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT40_Nss4,(MCS0)_4TX

5795MHz_TX

30/12/2019



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.8034G	103.30	Inf	-Inf	9.08	3	Horizontal	194	1.44	-	94.22	32.01	6.43	29.36
PK	5.6462G	59.00	68.20	-9.20	8.70	3	Horizontal	194	1.44	-	50.30	31.75	6.31	29.36
PK	5.8058G	113.57	Inf	-Inf	9.08	3	Horizontal	194	1.44	-	104.49	32.01	6.43	29.36
PK	5.927G	59.80	68.20	-8.40	9.41	3	Horizontal	194	1.44	-	50.39	32.23	6.53	29.35

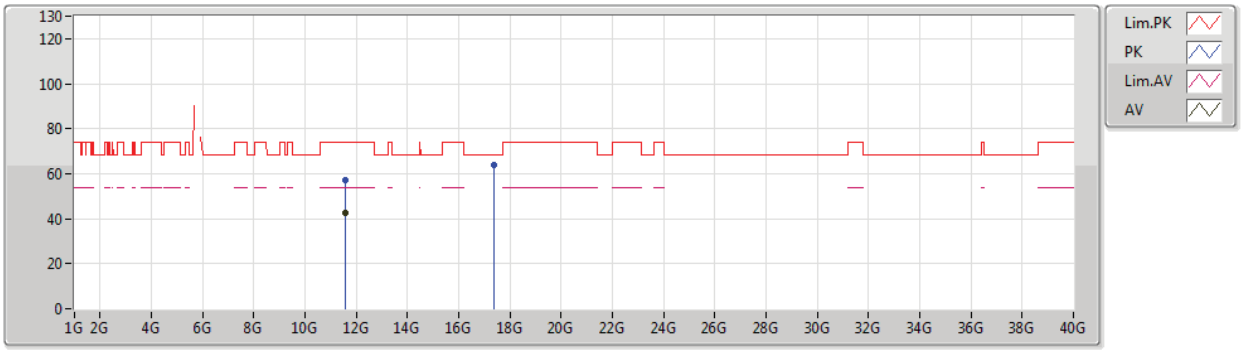
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT40_Nss4,(MCS0)_4TX

30/12/2019

5795MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.5933G	42.77	54.00	-11.23	18.07	3	Vertical	89	1.49	-	24.70	39.31	9.54	30.78
PK	11.5846G	56.89	74.00	-17.11	18.07	3	Vertical	89	1.49	-	38.82	39.32	9.53	30.78
PK	17.37612G	63.88	68.20	-4.32	22.52	3	Vertical	68	1.50	-	41.36	42.58	11.44	31.50

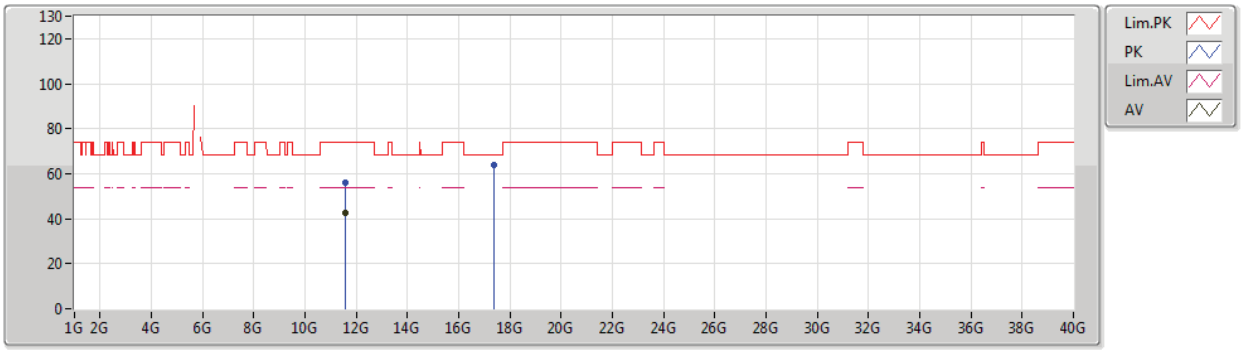
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT40_Nss4,(MCS0)_4TX

30/12/2019

5795MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.58544G	42.78	54.00	-11.22	18.07	3	Horizontal	269	2.42	-	24.71	39.32	9.53	30.78
PK	11.58562G	56.09	74.00	-17.91	18.07	3	Horizontal	269	2.42	-	38.02	39.32	9.53	30.78
PK	17.3961G	64.13	68.20	-4.07	22.67	3	Horizontal	311	1.48	-	41.46	42.71	11.45	31.49

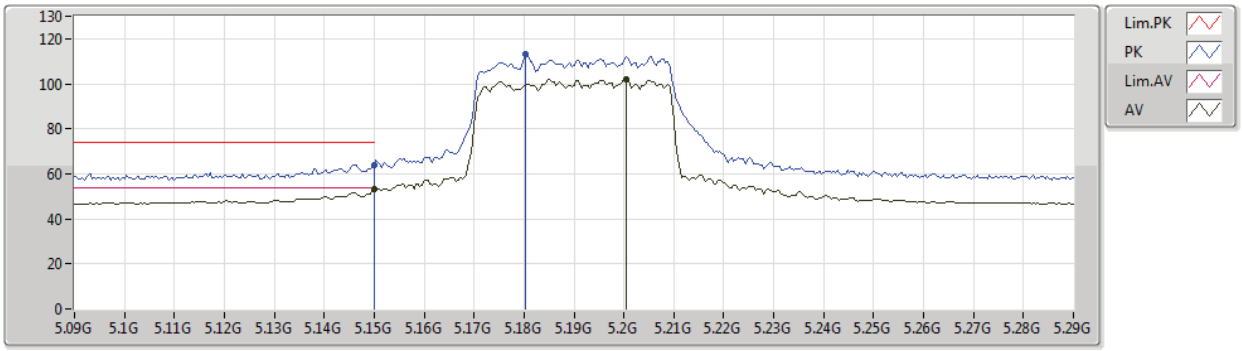
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW40_Nss4,(MCS0)_4TX

20/12/2019

5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	53.30	54.00	-0.70	8.37	3	Vertical	291	1.66	-	44.93	31.70	6.00	29.33
AV	5.2004G	102.01	Inf	-Inf	8.29	3	Vertical	291	1.66	-	93.72	31.60	6.03	29.34
PK	5.15G	64.00	74.00	-10.00	8.37	3	Vertical	291	1.66	-	55.63	31.70	6.00	29.33
PK	5.1804G	112.96	Inf	-Inf	8.32	3	Vertical	291	1.66	-	104.64	31.64	6.02	29.34

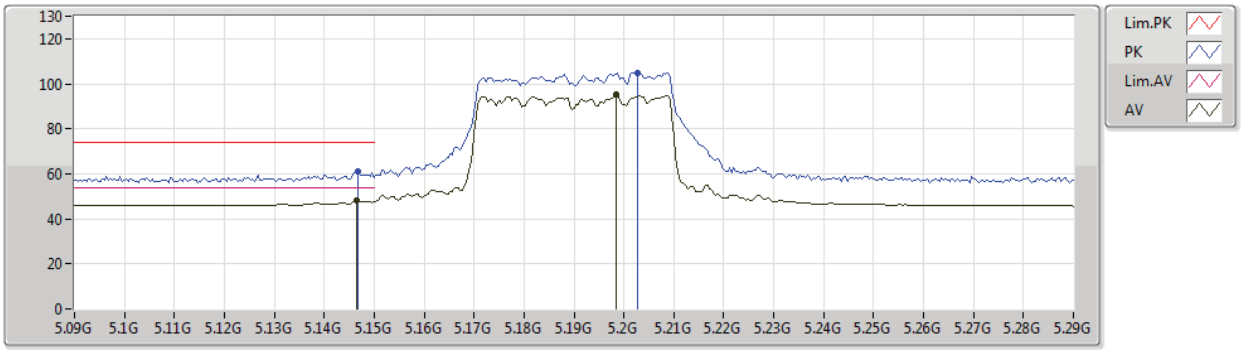
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW40_Nss4,(MCS0)_4TX

20/12/2019

5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1464G	48.20	54.00	-5.80	8.38	3	Horizontal	254	1.60	-	39.82	31.71	6.00	29.33
AV	5.1984G	95.09	Inf	-Inf	8.29	3	Horizontal	254	1.60	-	86.80	31.60	6.03	29.34
PK	5.1468G	60.82	74.00	-13.18	8.38	3	Horizontal	254	1.60	-	52.44	31.71	6.00	29.33
PK	5.2028G	104.89	Inf	-Inf	8.28	3	Horizontal	254	1.60	-	96.61	31.59	6.03	29.34

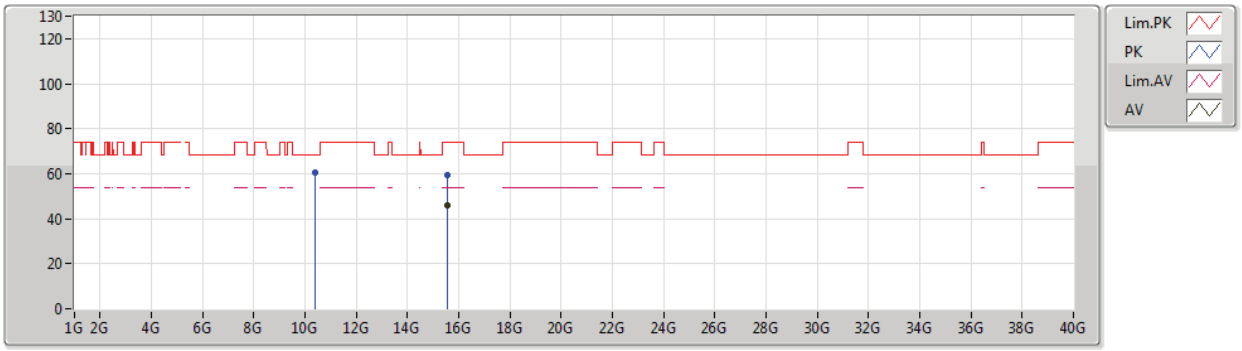
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW40_Nss4,(MCS0)_4TX

20/12/2019

5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.5553G	46.11	54.00	-7.89	17.47	3	Vertical	168	1.00	-	28.64	38.51	10.82	31.86
PK	10.37484G	60.33	68.20	-7.87	17.56	3	Vertical	330	1.31	-	42.77	39.39	8.70	30.53
PK	15.57204G	59.61	74.00	-14.39	17.39	3	Vertical	168	1.00	-	42.22	38.44	10.82	31.87

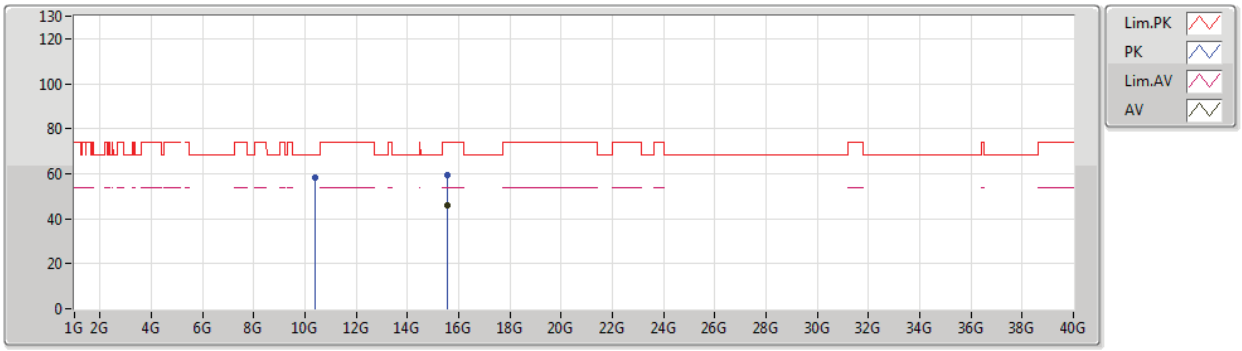
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW40_Nss4,(MCS0)_4TX

20/12/2019

5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.55578G	46.11	54.00	-7.89	17.47	3	Horizontal	173	1.50	-	28.64	38.51	10.82	31.86
PK	10.38042G	58.01	68.20	-10.19	17.57	3	Horizontal	203	1.39	-	40.44	39.39	8.71	30.53
PK	15.56508G	59.60	74.00	-14.40	17.43	3	Horizontal	173	1.50	-	42.17	38.47	10.82	31.86

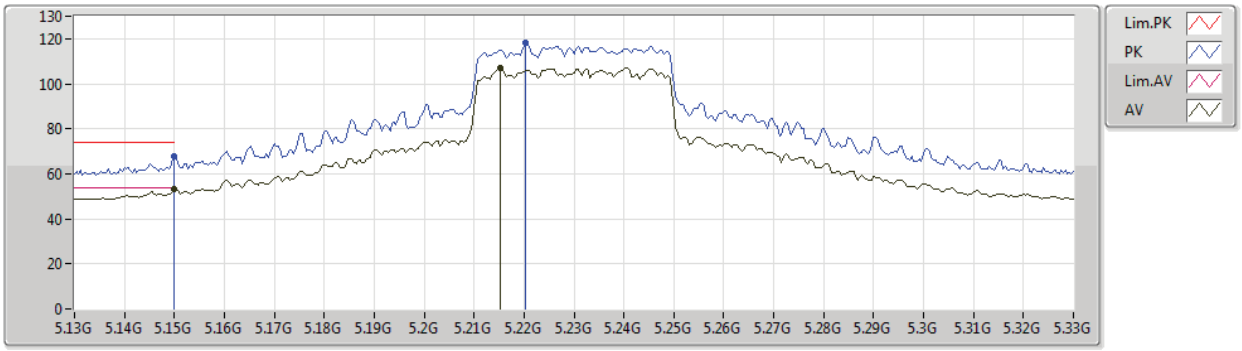
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW40_Nss4,(MCS0)_4TX

20/12/2019

5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	53.29	54.00	-0.71	8.37	3	Vertical	296	1.64	-	44.92	31.70	6.00	29.33
AV	5.2152G	107.00	Inf	-Inf	8.25	3	Vertical	296	1.64	-	98.75	31.55	6.04	29.34
PK	5.15G	67.91	74.00	-6.09	8.37	3	Vertical	296	1.64	-	59.54	31.70	6.00	29.33
PK	5.2204G	118.16	Inf	-Inf	8.24	3	Vertical	296	1.64	-	109.92	31.54	6.04	29.34

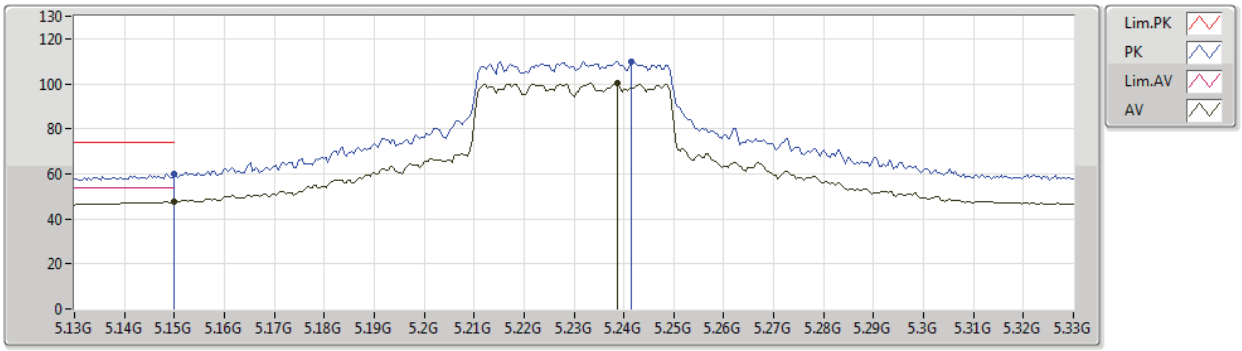
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW40_Nss4,(MCS0)_4TX

20/12/2019

5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	47.84	54.00	-6.16	8.37	3	Horizontal	253	1.60	-	39.47	31.70	6.00	29.33
AV	5.2388G	100.29	Inf	-Inf	8.19	3	Horizontal	253	1.60	-	92.10	31.48	6.05	29.34
PK	5.15G	60.09	74.00	-13.91	8.37	3	Horizontal	253	1.60	-	51.72	31.70	6.00	29.33
PK	5.2416G	109.76	Inf	-Inf	8.19	3	Horizontal	253	1.60	-	101.57	31.48	6.05	29.34

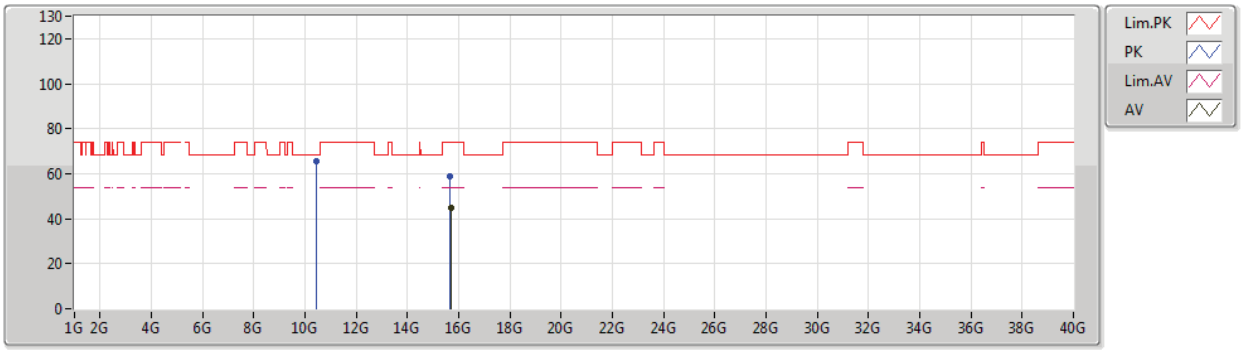
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW40_Nss4,(MCS0)_4TX

20/12/2019

5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.68172G	45.02	54.00	-8.98	16.95	3	Vertical	161	1.50	-	28.07	37.97	10.87	31.89
PK	10.46126G	65.43	68.20	-2.77	17.70	3	Vertical	180	1.91	-	47.73	39.50	8.76	30.56
PK	15.6753G	58.80	74.00	-15.20	16.97	3	Vertical	161	1.50	-	41.83	38.00	10.86	31.89

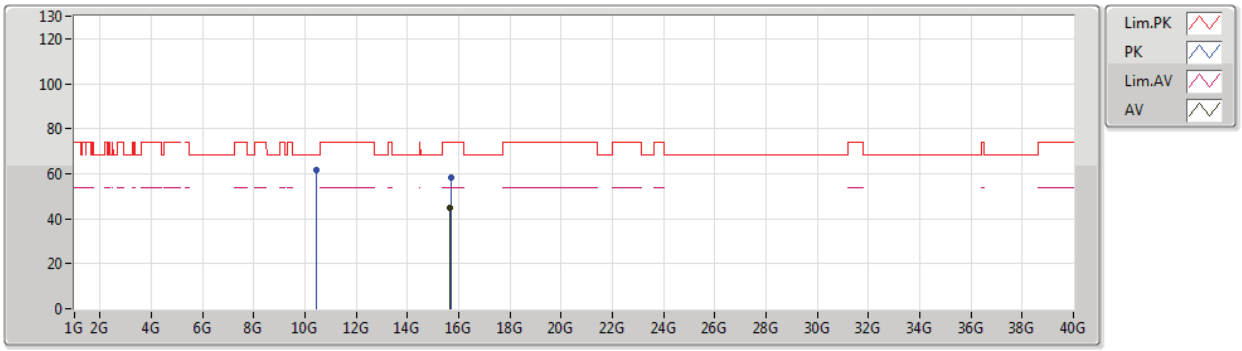
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW40_Nss4,(MCS0)_4TX

20/12/2019

5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.68004G	44.92	54.00	-9.08	16.96	3	Horizontal	115	2.88	-	27.96	37.98	10.87	31.89
PK	10.45706G	61.83	68.20	-6.37	17.69	3	Horizontal	291	1.42	-	44.14	39.49	8.76	30.56
PK	15.68814G	58.42	74.00	-15.58	16.92	3	Horizontal	115	2.88	-	41.50	37.94	10.87	31.89

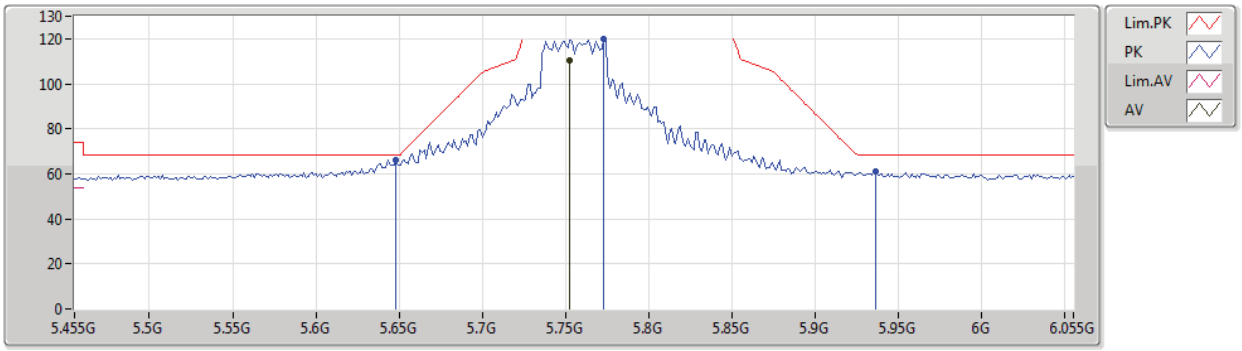
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

802.11ax HEW40_Nss4,(MCS0)_4TX

20/12/2019

5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7526G	110.56	Inf	-Inf	8.94	3	Vertical	27	1.51	-	101.62	31.91	6.39	29.36
PK	5.6482G	65.98	68.20	-2.22	8.70	3	Vertical	27	1.51	-	57.28	31.75	6.31	29.36
PK	5.773G	119.70	Inf	-Inf	9.00	3	Vertical	27	1.51	-	110.70	31.95	6.41	29.36
PK	5.9362G	61.00	68.20	-7.20	9.43	3	Vertical	27	1.51	-	51.57	32.24	6.54	29.35

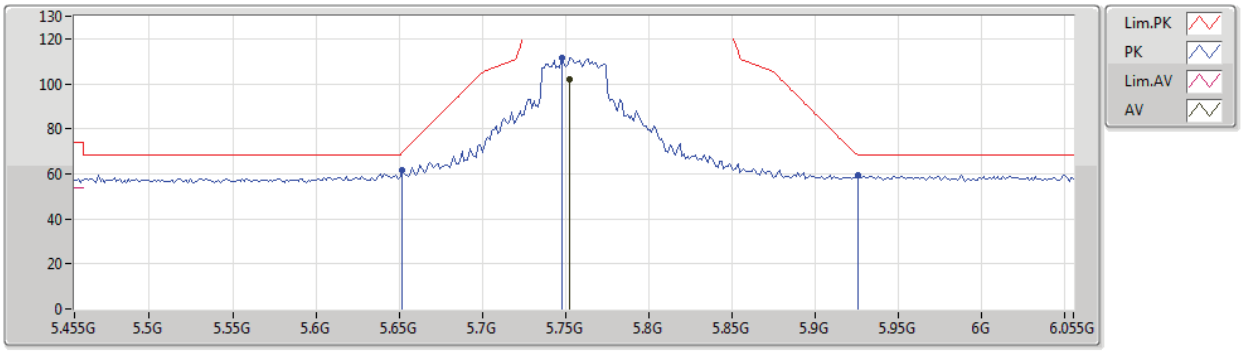
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW40_Nss4,(MCS0)_4TX

20/12/2019

5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7526G	102.01	Inf	-Inf	8.94	3	Horizontal	186	1.50	-	93.07	31.91	6.39	29.36
PK	5.6518G	61.53	69.53	-8.00	8.70	3	Horizontal	186	1.50	-	52.83	31.75	6.31	29.36
PK	5.7478G	111.72	Inf	-Inf	8.93	3	Horizontal	186	1.50	-	102.79	31.90	6.39	29.36
PK	5.9254G	59.38	68.20	-8.82	9.41	3	Horizontal	186	1.50	-	49.97	32.23	6.53	29.35

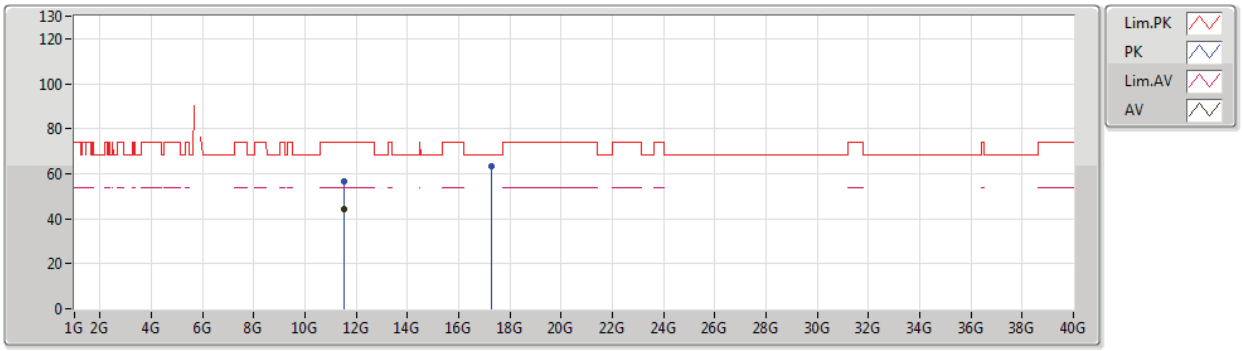
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW40_Nss4,(MCS0)_4TX

20/12/2019

5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.513G	44.35	54.00	-9.65	18.14	3	Vertical	86	1.41	-	26.21	39.43	9.48	30.77
PK	11.5128G	56.67	74.00	-17.33	18.14	3	Vertical	86	1.41	-	38.53	39.43	9.48	30.77
PK	17.2724G	63.19	68.20	-5.01	21.76	3	Vertical	223	1.67	-	41.43	41.90	11.41	31.55

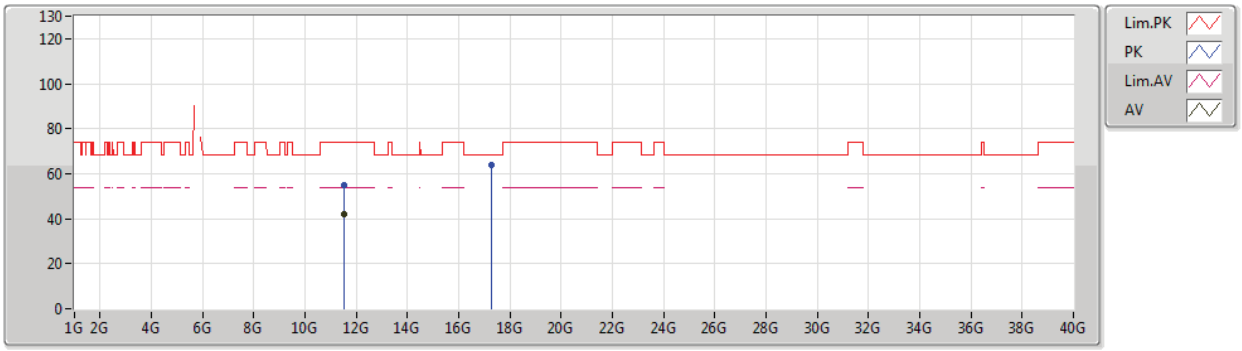
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW40_Nss4,(MCS0)_4TX

20/12/2019

5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.51G	42.26	54.00	-11.74	18.14	3	Horizontal	233	1.50	-	24.12	39.43	9.48	30.77
PK	11.5088G	55.01	74.00	-18.99	18.15	3	Horizontal	233	1.50	-	36.86	39.44	9.48	30.77
PK	17.27874G	63.86	68.20	-4.34	21.80	3	Horizontal	289	1.44	-	42.06	41.94	11.41	31.55

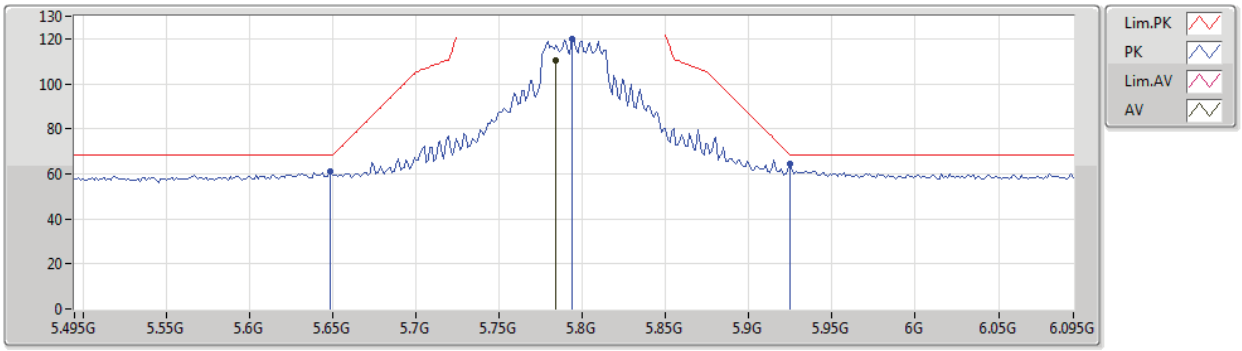
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW40_Nss4,(MCS0)_4TX

20/12/2019

5795MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7842G	110.31	Inf	-Inf	9.03	3	Vertical	64	1.54	-	101.28	31.97	6.42	29.36
PK	5.6486G	61.13	68.20	-7.07	8.70	3	Vertical	64	1.54	-	52.43	31.75	6.31	29.36
PK	5.7938G	119.94	Inf	-Inf	9.06	3	Vertical	64	1.54	-	110.88	31.99	6.43	29.36
PK	5.9246G	64.64	68.50	-3.86	9.40	3	Vertical	64	1.54	-	55.24	32.22	6.53	29.35

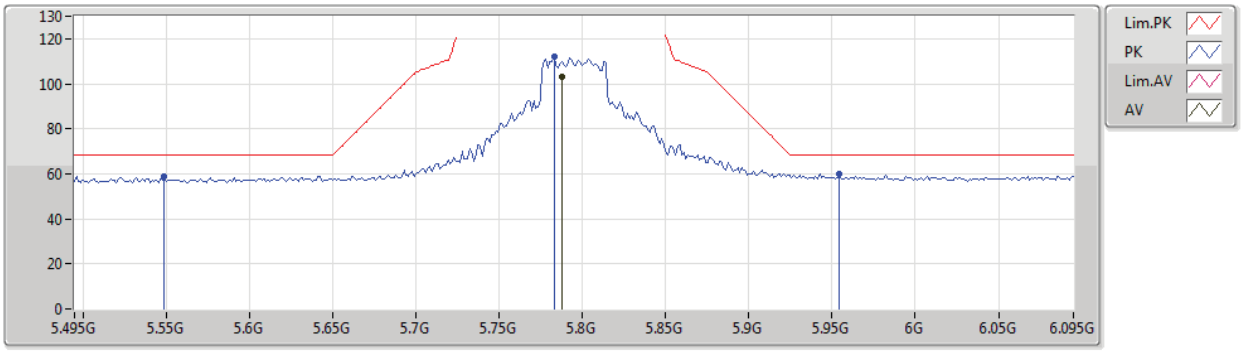
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW40_Nss4,(MCS0)_4TX

20/12/2019

5795MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7878G	102.91	Inf	-Inf	9.04	3	Horizontal	187	1.45	-	93.87	31.98	6.42	29.36
PK	5.549G	58.90	68.20	-9.30	8.66	3	Horizontal	187	1.45	-	50.24	31.80	6.23	29.37
PK	5.783G	112.06	Inf	-Inf	9.03	3	Horizontal	187	1.45	-	103.03	31.97	6.42	29.36
PK	5.9546G	60.12	68.20	-8.08	9.45	3	Horizontal	187	1.45	-	50.67	32.25	6.55	29.35

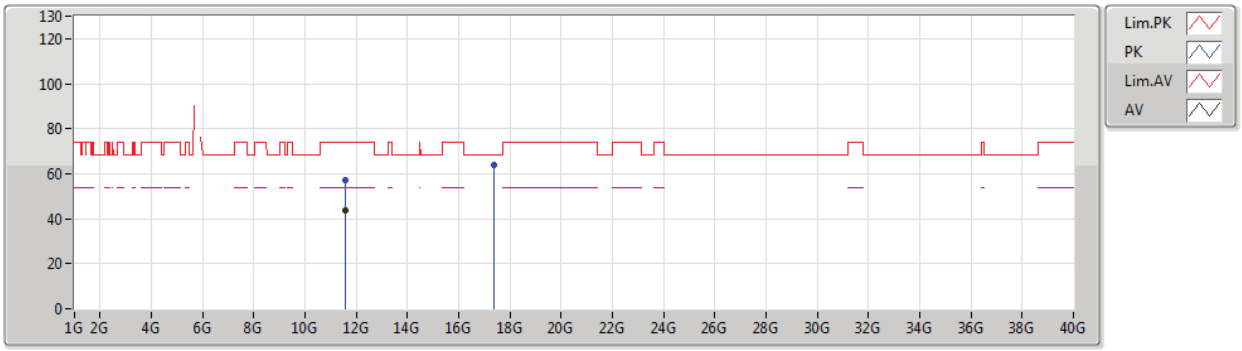
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW40_Nss4,(MCS0)_4TX

20/12/2019

5795MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.5887G	43.85	54.00	-10.15	18.08	3	Vertical	85	1.42	-	25.77	39.32	9.54	30.78
PK	11.5884G	56.92	74.00	-17.08	18.08	3	Vertical	85	1.42	-	38.84	39.32	9.54	30.78
PK	17.3703G	63.67	68.20	-4.53	22.48	3	Vertical	279	2.12	-	41.19	42.54	11.44	31.50

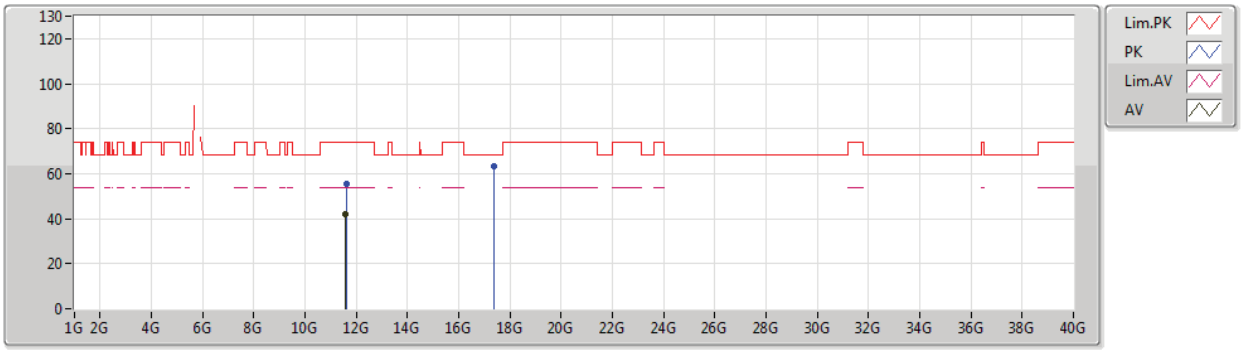
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW40_Nss4,(MCS0)_4TX

20/12/2019

5795MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.59006G	41.96	54.00	-12.04	18.07	3	Horizontal	60	1.59	-	23.89	39.31	9.54	30.78
PK	11.59882G	55.39	74.00	-18.61	18.06	3	Horizontal	60	1.59	-	37.33	39.30	9.54	30.78
PK	17.38788G	63.40	68.20	-4.80	22.61	3	Horizontal	91	1.75	-	40.79	42.66	11.45	31.50

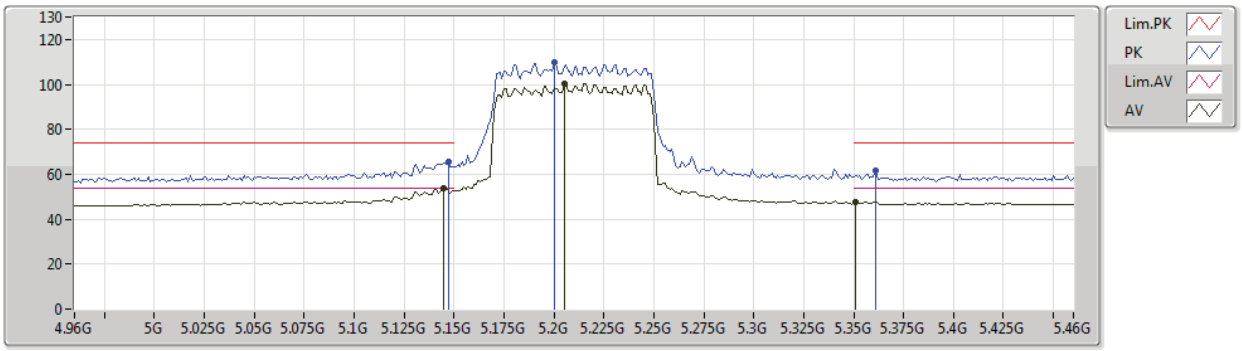
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT80_Nss4,(MCS0)_4TX

5210MHz_TX

30/12/2019



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.145G	53.70	54.00	-0.30	8.38	3	Vertical	297	1.57	-	45.32	31.71	6.00	29.33
AV	5.205G	100.50	Inf	-Inf	8.28	3	Vertical	297	1.57	-	92.22	31.59	6.03	29.34
AV	5.351G	47.84	54.00	-6.16	8.15	3	Vertical	297	1.57	-	39.69	31.40	6.11	29.36
PK	5.147G	65.45	74.00	-8.55	8.38	3	Vertical	297	1.57	-	57.07	31.71	6.00	29.33
PK	5.2G	109.77	Inf	-Inf	8.29	3	Vertical	297	1.57	-	101.48	31.60	6.03	29.34
PK	5.361G	61.83	74.00	-12.17	8.17	3	Vertical	297	1.57	-	53.66	31.42	6.11	29.36

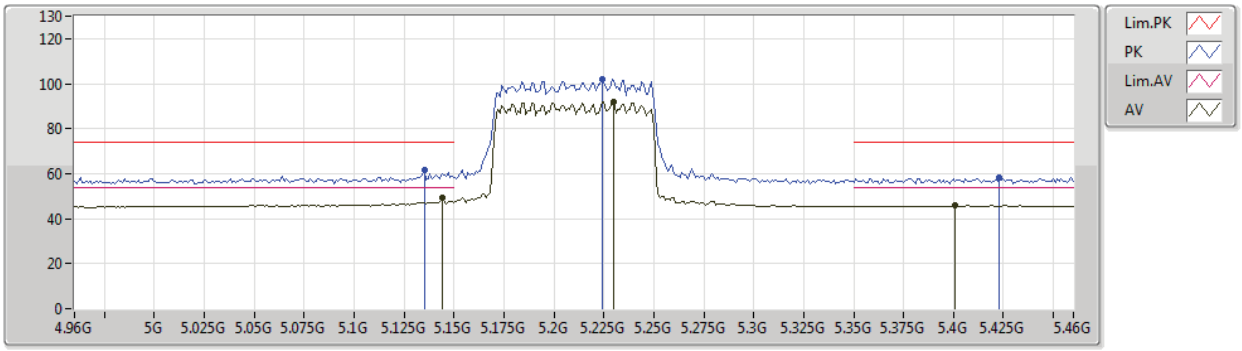
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT80_Nss4,(MCS0)_4TX

30/12/2019

5210MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.144G	49.08	54.00	-4.92	8.38	3	Horizontal	147	1.43	-	40.70	31.71	6.00	29.33
AV	5.23G	92.15	Inf	-Inf	8.21	3	Horizontal	147	1.43	-	83.94	31.51	6.04	29.34
AV	5.401G	45.76	54.00	-8.24	8.28	3	Horizontal	147	1.43	-	37.48	31.50	6.14	29.36
PK	5.135G	61.63	74.00	-12.37	8.39	3	Horizontal	147	1.43	-	53.24	31.73	5.99	29.33
PK	5.224G	101.75	Inf	-Inf	8.23	3	Horizontal	147	1.43	-	93.52	31.53	6.04	29.34
PK	5.423G	58.11	74.00	-15.89	8.38	3	Horizontal	147	1.43	-	49.73	31.59	6.15	29.36

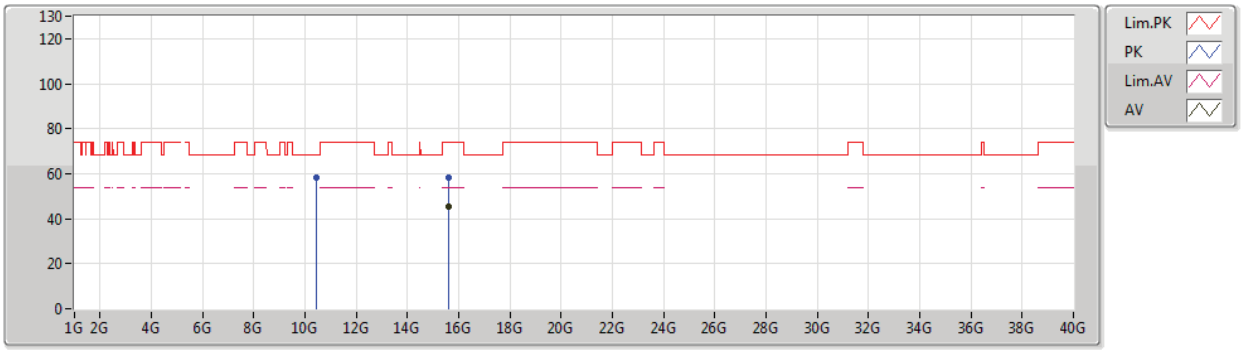
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT80_Nss4,(MCS0)_4TX

28/02/2020

5210MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.6177G	45.25	54.00	-8.75	17.20	3	Vertical	238	2.18	-	28.05	38.24	10.84	31.88
PK	10.421G	58.46	68.20	-9.74	17.64	3	Vertical	183	1.63	-	40.82	39.45	8.74	30.55
PK	15.6304G	58.19	74.00	-15.81	17.16	3	Vertical	238	2.18	-	41.03	38.19	10.85	31.88

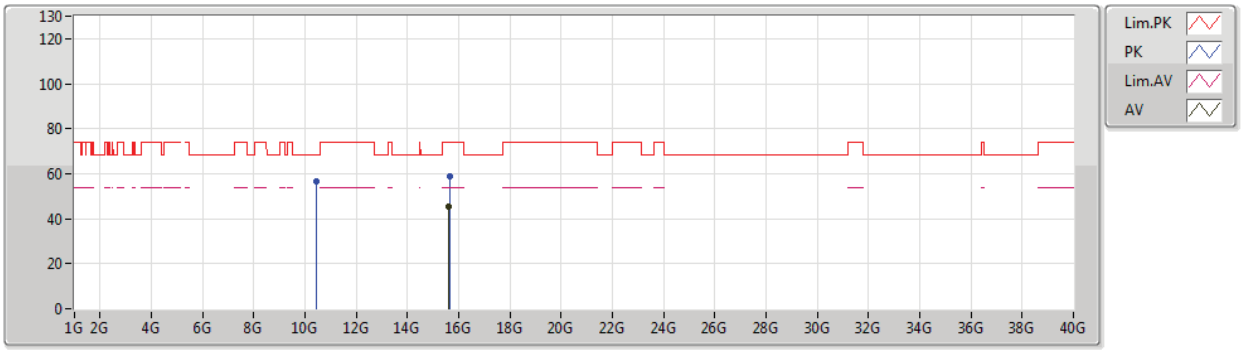
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT80_Nss4,(MCS0)_4TX

28/02/2020

5210MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.6078G	45.18	54.00	-8.82	17.26	3	Horizontal	114	1.50	-	27.92	38.29	10.84	31.87
PK	10.4201G	56.37	68.20	-11.83	17.64	3	Horizontal	209	1.00	-	38.73	39.45	8.74	30.55
PK	15.6424G	58.92	74.00	-15.08	17.11	3	Horizontal	114	1.50	-	41.81	38.14	10.85	31.88

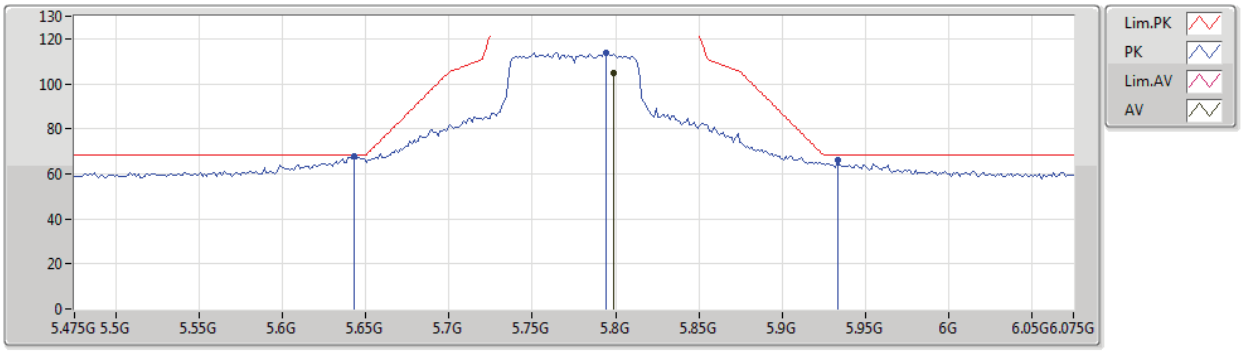
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT80_Nss4,(MCS0)_4TX

5775MHz_TX

30/12/2019



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.799G	104.88	Inf	-Inf	9.07	3	Vertical	266	1.50	-	95.81	32.00	6.43	29.36
PK	5.643G	67.58	68.20	-0.62	8.68	3	Vertical	266	1.50	-	58.90	31.74	6.30	29.36
PK	5.7942G	113.95	Inf	-Inf	9.06	3	Vertical	266	1.50	-	104.89	31.99	6.43	29.36
PK	5.9334G	66.02	68.20	-2.18	9.42	3	Vertical	266	1.50	-	56.60	32.23	6.54	29.35

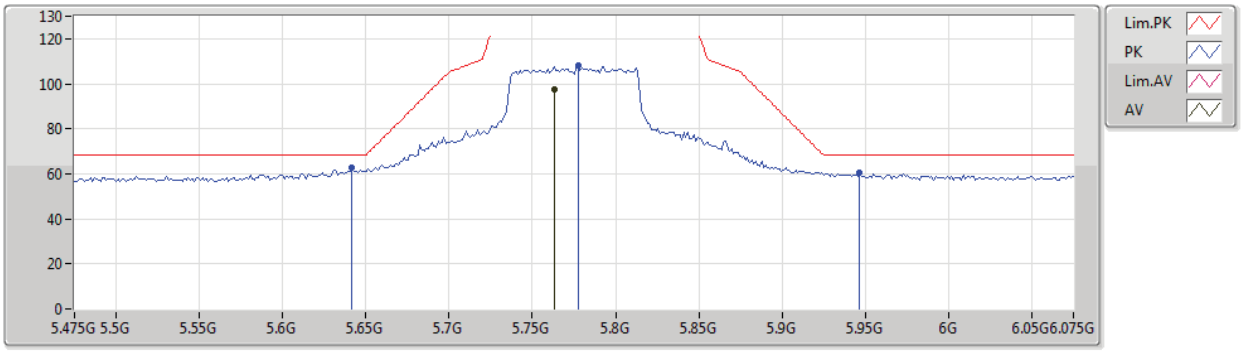
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT80_Nss4,(MCS0)_4TX

5775MHz_TX

30/12/2019



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.763G	97.52	Inf	-Inf	8.97	3	Horizontal	193	1.56	-	88.55	31.93	6.40	29.36
PK	5.6418G	62.48	68.20	-5.72	8.68	3	Horizontal	193	1.56	-	53.80	31.74	6.30	29.36
PK	5.7774G	108.15	Inf	-Inf	9.00	3	Horizontal	193	1.56	-	99.15	31.95	6.41	29.36
PK	5.9466G	60.29	68.20	-7.91	9.45	3	Horizontal	193	1.56	-	50.84	32.25	6.55	29.35

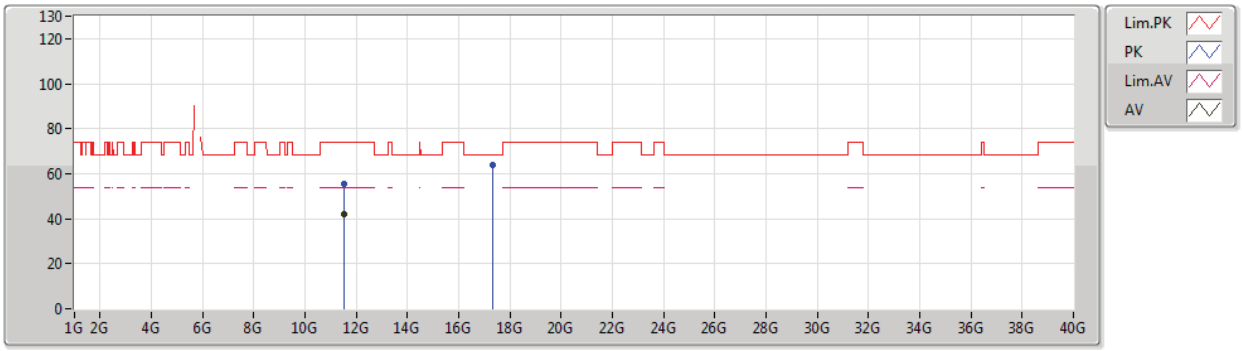
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT80_Nss4,(MCS0)_4TX

30/12/2019

5775MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.54292G	41.78	54.00	-12.22	18.11	3	Vertical	19	1.13	-	23.67	39.39	9.50	30.78
PK	11.5359G	55.56	74.00	-18.44	18.13	3	Vertical	19	1.13	-	37.43	39.40	9.50	30.77
PK	17.32872G	63.88	68.20	-4.32	22.17	3	Vertical	199	2.76	-	41.71	42.27	11.43	31.53

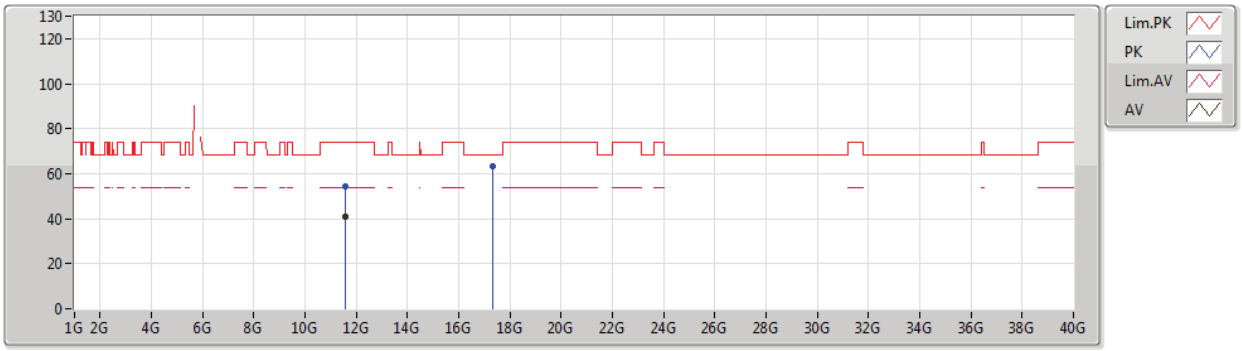
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT80_Nss4,(MCS0)_4TX

5775MHz_TX

30/12/2019



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.565G	40.82	54.00	-13.18	18.09	3	Horizontal	360	2.45	-	22.73	39.35	9.52	30.78
PK	11.56008G	54.55	74.00	-19.45	18.10	3	Horizontal	360	2.45	-	36.45	39.36	9.52	30.78
PK	17.3232G	63.34	68.20	-4.86	22.13	3	Horizontal	203	2.19	-	41.21	42.23	11.43	31.53

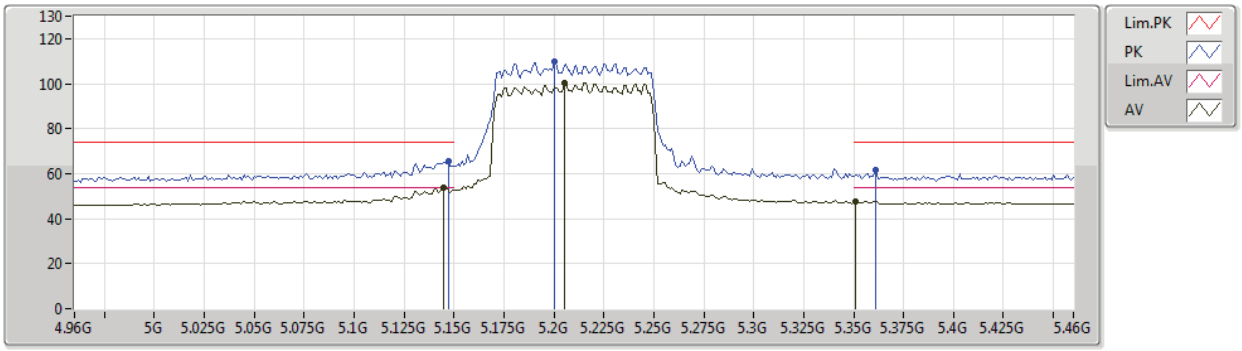
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW80_Nss4,(MCS0)_4TX

24/12/2019

5210MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.145G	53.70	54.00	-0.30	8.38	3	Vertical	297	1.57	-	45.32	31.71	6.00	29.33
AV	5.205G	100.50	Inf	-Inf	8.28	3	Vertical	297	1.57	-	92.22	31.59	6.03	29.34
AV	5.351G	47.84	54.00	-6.16	8.15	3	Vertical	297	1.57	-	39.69	31.40	6.11	29.36
PK	5.147G	65.45	74.00	-8.55	8.38	3	Vertical	297	1.57	-	57.07	31.71	6.00	29.33
PK	5.2G	109.77	Inf	-Inf	8.29	3	Vertical	297	1.57	-	101.48	31.60	6.03	29.34
PK	5.361G	61.83	74.00	-12.17	8.17	3	Vertical	297	1.57	-	53.66	31.42	6.11	29.36

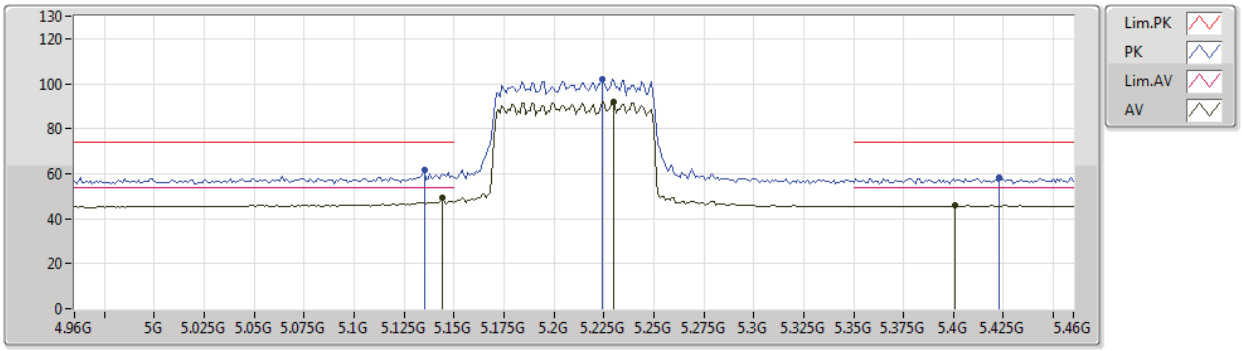
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW80_Nss4,(MCS0)_4TX

24/12/2019

5210MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.144G	49.08	54.00	-4.92	8.38	3	Horizontal	147	1.43	-	40.70	31.71	6.00	29.33
AV	5.23G	92.15	Inf	-Inf	8.21	3	Horizontal	147	1.43	-	83.94	31.51	6.04	29.34
AV	5.401G	45.76	54.00	-8.24	8.28	3	Horizontal	147	1.43	-	37.48	31.50	6.14	29.36
PK	5.135G	61.63	74.00	-12.37	8.39	3	Horizontal	147	1.43	-	53.24	31.73	5.99	29.33
PK	5.224G	101.75	Inf	-Inf	8.23	3	Horizontal	147	1.43	-	93.52	31.53	6.04	29.34
PK	5.423G	58.11	74.00	-15.89	8.38	3	Horizontal	147	1.43	-	49.73	31.59	6.15	29.36

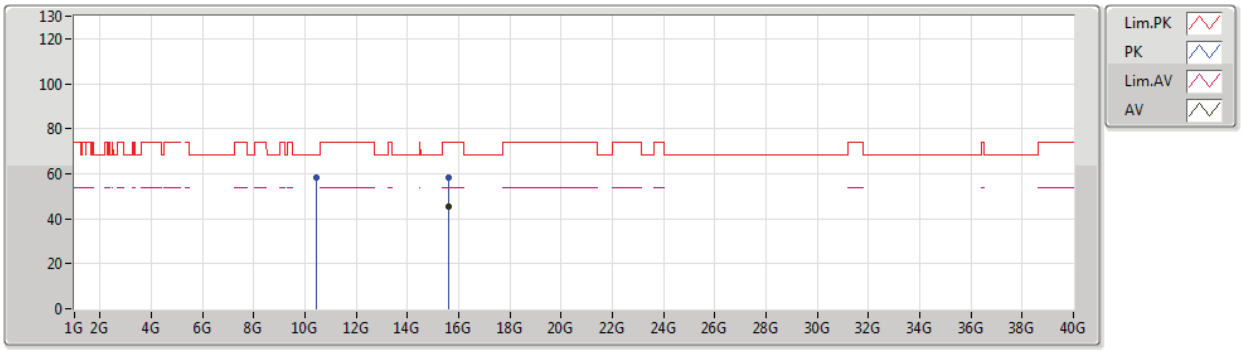
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW80_Nss4,(MCS0)_4TX

5210MHz_TX

24/12/2019



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.6177G	45.25	54.00	-8.75	17.20	3	Vertical	238	2.18	-	28.05	38.24	10.84	31.88
PK	10.421G	58.46	68.20	-9.74	17.64	3	Vertical	183	1.63	-	40.82	39.45	8.74	30.55
PK	15.6304G	58.19	74.00	-15.81	17.16	3	Vertical	238	2.18	-	41.03	38.19	10.85	31.88

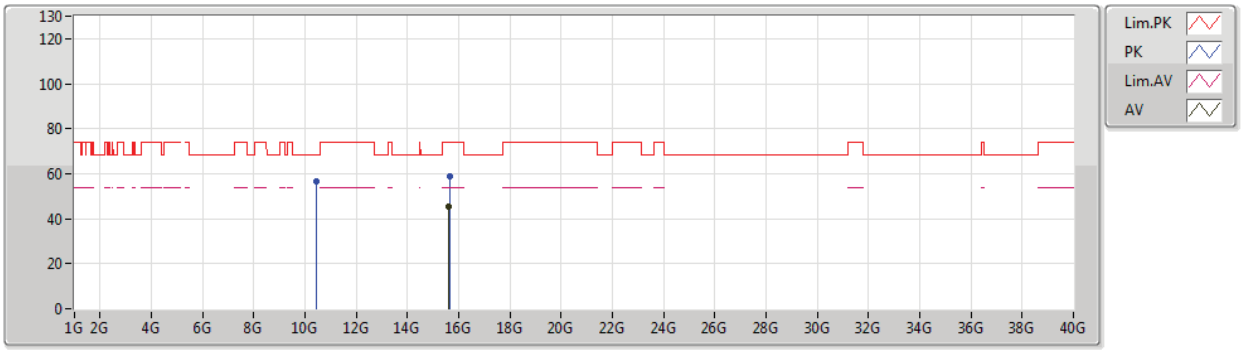
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW80_Nss4,(MCS0)_4TX

24/12/2019

5210MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.6078G	45.18	54.00	-8.82	17.26	3	Horizontal	114	1.50	-	27.92	38.29	10.84	31.87
PK	10.4201G	56.37	68.20	-11.83	17.64	3	Horizontal	209	1.00	-	38.73	39.45	8.74	30.55
PK	15.6424G	58.92	74.00	-15.08	17.11	3	Horizontal	114	1.50	-	41.81	38.14	10.85	31.88

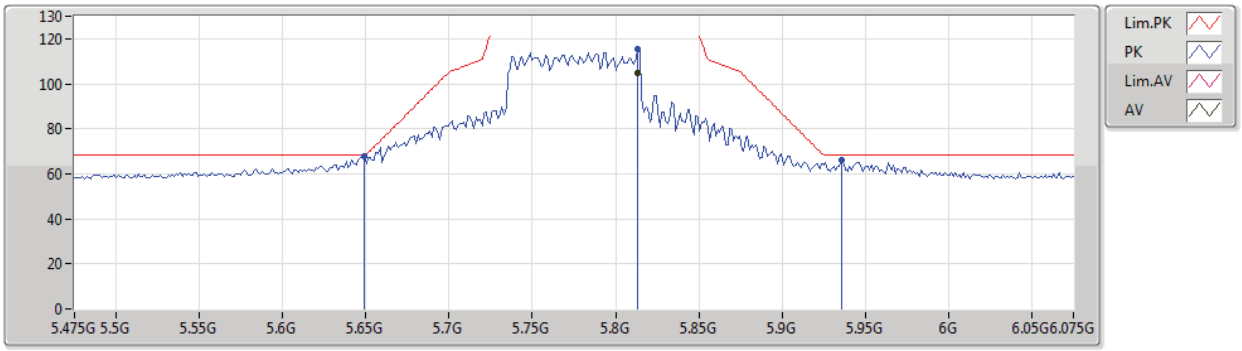
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW80_Nss4,(MCS0)_4TX

5775MHz_TX

24/12/2019



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.8134G	105.05	Inf	-Inf	9.11	3	Vertical	269	1.57	-	95.94	32.03	6.44	29.36
PK	5.649G	68.04	68.20	-0.16	8.70	3	Vertical	269	1.57	-	59.34	31.75	6.31	29.36
PK	5.8134G	115.65	Inf	-Inf	9.11	3	Vertical	269	1.57	-	106.54	32.03	6.44	29.36
PK	5.9358G	66.06	68.20	-2.14	9.43	3	Vertical	269	1.57	-	56.63	32.24	6.54	29.35

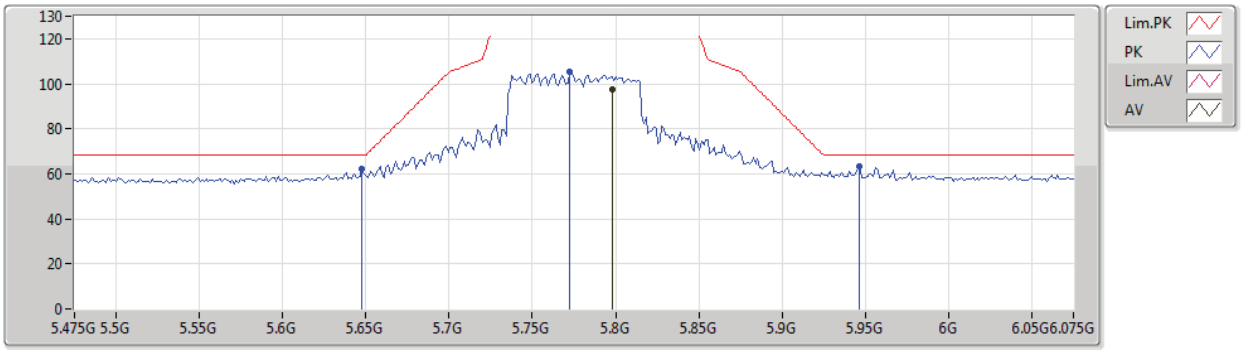
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW80_Nss4,(MCS0)_4TX

5775MHz_TX

24/12/2019



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7978G	97.47	Inf	-Inf	9.07	3	Horizontal	190	1.33	-	88.40	32.00	6.43	29.36
PK	5.6478G	62.23	68.20	-5.97	8.70	3	Horizontal	190	1.33	-	53.53	31.75	6.31	29.36
PK	5.7726G	105.37	Inf	-Inf	9.00	3	Horizontal	190	1.33	-	96.37	31.95	6.41	29.36
PK	5.9466G	63.26	68.20	-4.94	9.45	3	Horizontal	190	1.33	-	53.81	32.25	6.55	29.35

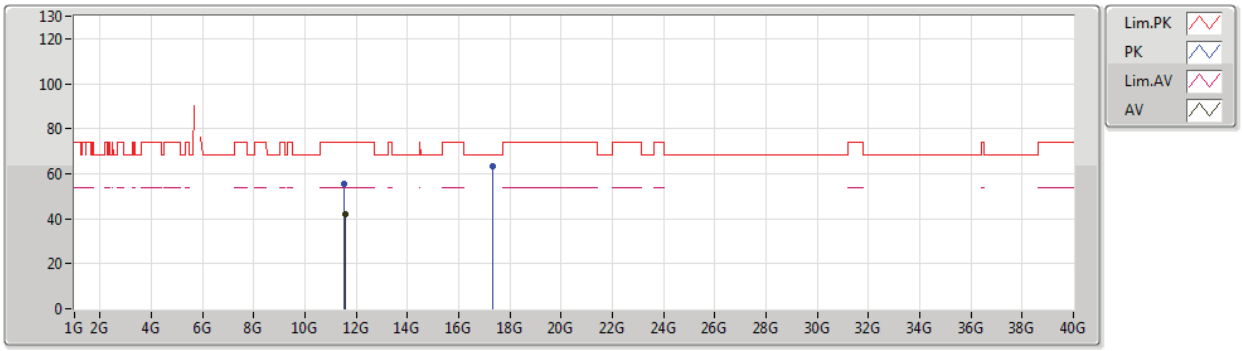
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW80_Nss4,(MCS0)_4TX

24/12/2019

5775MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.5526G	42.25	54.00	-11.75	18.10	3	Vertical	93	1.44	-	24.15	39.37	9.51	30.78
PK	11.5479G	55.34	74.00	-18.66	18.11	3	Vertical	93	1.44	-	37.23	39.38	9.51	30.78
PK	17.334G	63.49	68.20	-4.71	22.21	3	Vertical	0	2.01	-	41.28	42.30	11.43	31.52

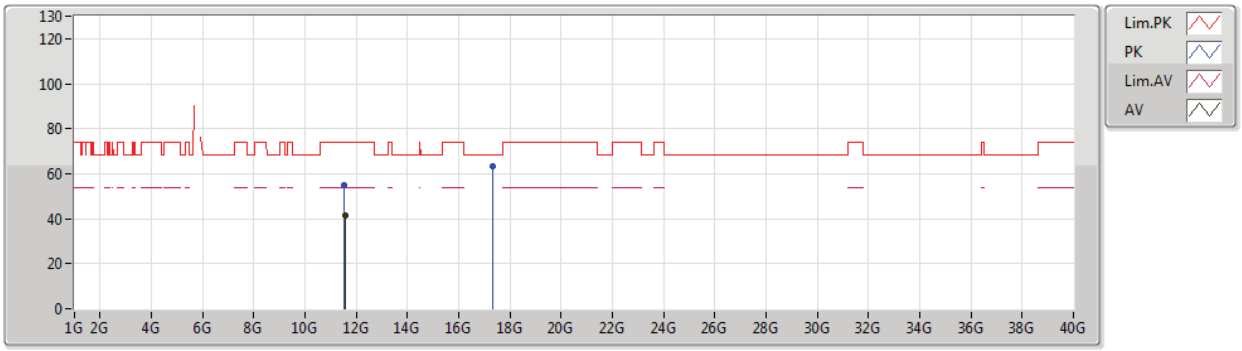
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW80_Nss4,(MCS0)_4TX

24/12/2019

5775MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.55066G	41.51	54.00	-12.49	18.10	3	Horizontal	294	1.00	-	23.41	39.37	9.51	30.78
PK	11.53704G	54.88	74.00	-19.12	18.12	3	Horizontal	294	1.00	-	36.76	39.39	9.50	30.77
PK	17.32098G	63.51	68.20	-4.69	22.12	3	Horizontal	245	1.59	-	41.39	42.22	11.43	31.53

Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	Pass	AV	5.15G	53.78	54.00	-0.22	3	Vertical	294	1.64	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	Pass	PK	10.47652G	68.05	68.20	-0.15	3	Vertical	95	1.50	-
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	Pass	AV	5.1484G	53.70	54.00	-0.30	3	Vertical	340	1.70	-
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	Pass	AV	5.1498G	53.59	54.00	-0.41	3	Vertical	18	1.59	-
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	Pass	AV	5.15G	53.42	54.00	-0.58	3	Vertical	11	1.50	-
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	Pass	AV	5.15G	53.74	54.00	-0.26	3	Vertical	10	1.52	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	Pass	PK	17.22468G	66.30	68.20	-1.90	3	Vertical	277	1.77	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	Pass	PK	5.6466G	68.07	68.20	-0.13	3	Vertical	341	1.49	-
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	Pass	PK	5.641G	67.30	68.20	-0.90	3	Vertical	32	1.50	-
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	Pass	PK	5.6386G	67.46	68.20	-0.74	3	Vertical	345	1.32	-
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	Pass	PK	5.6454G	66.08	68.20	-2.12	3	Vertical	128	2.15	-
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	Pass	PK	5.6502G	68.20	68.35	-0.15	3	Vertical	127	2.16	-

Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.15G	53.78	54.00	-0.22	3	Vertical	294	1.64	-
5180MHz	Pass	AV	5.1776G	113.85	Inf	-Inf	3	Vertical	294	1.64	-
5180MHz	Pass	PK	5.1482G	65.58	74.00	-8.42	3	Vertical	294	1.64	-
5180MHz	Pass	PK	5.1854G	121.19	Inf	-Inf	3	Vertical	294	1.64	-
5180MHz	Pass	AV	5.15G	51.26	54.00	-2.74	3	Horizontal	208	1.50	-
5180MHz	Pass	AV	5.1884G	107.10	Inf	-Inf	3	Horizontal	208	1.50	-
5180MHz	Pass	PK	5.1494G	62.56	74.00	-11.44	3	Horizontal	208	1.50	-
5180MHz	Pass	PK	5.1848G	114.54	Inf	-Inf	3	Horizontal	208	1.50	-
5180MHz	Pass	AV	15.525G	48.44	54.00	-5.56	3	Vertical	152	1.49	-
5180MHz	Pass	PK	10.35988G	61.19	68.20	-7.01	3	Vertical	97	1.47	-
5180MHz	Pass	PK	15.52968G	62.22	74.00	-11.78	3	Vertical	152	1.49	-
5180MHz	Pass	AV	15.52626G	48.46	54.00	-5.54	3	Horizontal	159	1.50	-
5180MHz	Pass	PK	10.3598G	59.02	68.20	-9.18	3	Horizontal	209	1.37	-
5180MHz	Pass	PK	15.5328G	62.51	74.00	-11.49	3	Horizontal	159	1.50	-
5200MHz	Pass	AV	5.15G	53.68	54.00	-0.32	3	Vertical	10	1.50	-
5200MHz	Pass	AV	5.2042G	111.91	Inf	-Inf	3	Vertical	10	1.50	-
5200MHz	Pass	PK	5.1496G	71.82	74.00	-2.18	3	Vertical	10	1.50	-
5200MHz	Pass	PK	5.2024G	124.67	Inf	-Inf	3	Vertical	10	1.50	-
5200MHz	Pass	AV	5.14G	50.54	54.00	-3.46	3	Horizontal	253	1.75	-
5200MHz	Pass	AV	5.206G	107.35	Inf	-Inf	3	Horizontal	253	1.75	-
5200MHz	Pass	PK	5.1382G	63.26	74.00	-10.74	3	Horizontal	253	1.75	-
5200MHz	Pass	PK	5.206G	117.91	Inf	-Inf	3	Horizontal	253	1.75	-
5200MHz	Pass	AV	15.59136G	46.14	54.00	-7.86	3	Vertical	3	1.15	-
5200MHz	Pass	PK	10.39742G	65.19	68.20	-3.01	3	Vertical	91	1.33	-
5200MHz	Pass	PK	15.61068G	60.23	74.00	-13.77	3	Vertical	3	1.15	-
5200MHz	Pass	AV	15.6051G	47.98	54.00	-6.02	3	Horizontal	300	2.56	-
5200MHz	Pass	PK	10.39628G	61.25	68.20	-6.95	3	Horizontal	292	1.62	-
5200MHz	Pass	PK	15.60528G	63.51	74.00	-10.49	3	Horizontal	300	2.56	-
5240MHz	Pass	AV	5.15G	48.73	54.00	-5.27	3	Vertical	5	1.54	-
5240MHz	Pass	AV	5.2466G	112.70	Inf	-Inf	3	Vertical	5	1.54	-
5240MHz	Pass	AV	5.3564G	47.62	54.00	-6.38	3	Vertical	5	1.54	-
5240MHz	Pass	PK	5.1482G	62.56	74.00	-11.44	3	Vertical	5	1.54	-
5240MHz	Pass	PK	5.2442G	126.29	Inf	-Inf	3	Vertical	5	1.54	-
5240MHz	Pass	PK	5.3594G	60.76	74.00	-13.24	3	Vertical	5	1.54	-
5240MHz	Pass	AV	5.1476G	46.94	54.00	-7.06	3	Horizontal	308	1.56	-
5240MHz	Pass	AV	5.2346G	104.73	Inf	-Inf	3	Horizontal	308	1.56	-
5240MHz	Pass	AV	5.3594G	46.50	54.00	-7.50	3	Horizontal	308	1.56	-
5240MHz	Pass	PK	5.1458G	60.85	74.00	-13.15	3	Horizontal	308	1.56	-
5240MHz	Pass	PK	5.2364G	119.72	Inf	-Inf	3	Horizontal	308	1.56	-
5240MHz	Pass	PK	5.3762G	59.98	74.00	-14.02	3	Horizontal	308	1.56	-
5240MHz	Pass	AV	15.72816G	47.63	54.00	-6.37	3	Vertical	279	2.94	-
5240MHz	Pass	PK	10.47904G	67.76	68.20	-0.44	3	Vertical	332	1.50	-
5240MHz	Pass	PK	15.729G	63.38	74.00	-10.62	3	Vertical	279	2.94	-
5240MHz	Pass	AV	15.72498G	49.90	54.00	-4.10	3	Horizontal	332	2.91	-
5240MHz	Pass	PK	10.47664G	63.88	68.20	-4.32	3	Horizontal	291	1.50	-
5240MHz	Pass	PK	15.7254G	67.58	74.00	-6.42	3	Horizontal	332	2.91	-
5745MHz	Pass	AV	5.7378G	112.99	Inf	-Inf	3	Vertical	338	1.50	-

Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5745MHz	Pass	PK	5.625G	61.40	68.20	-6.80	3	Vertical	338	1.50	-
5745MHz	Pass	PK	5.7378G	122.84	Inf	-Inf	3	Vertical	338	1.50	-
5745MHz	Pass	PK	5.985G	60.91	68.20	-7.29	3	Vertical	338	1.50	-
5745MHz	Pass	AV	5.7438G	108.74	Inf	-Inf	3	Horizontal	189	1.81	-
5745MHz	Pass	PK	5.613G	60.02	68.20	-8.18	3	Horizontal	189	1.81	-
5745MHz	Pass	PK	5.7486G	118.69	Inf	-Inf	3	Horizontal	189	1.81	-
5745MHz	Pass	PK	5.9778G	60.07	68.20	-8.13	3	Horizontal	189	1.81	-
5745MHz	Pass	AV	11.48886G	47.18	54.00	-6.82	3	Vertical	88	1.28	-
5745MHz	Pass	PK	11.48934G	60.82	74.00	-13.18	3	Vertical	88	1.28	-
5745MHz	Pass	PK	17.22468G	66.30	68.20	-1.90	3	Vertical	277	1.77	-
5745MHz	Pass	AV	11.48646G	46.24	54.00	-7.76	3	Horizontal	321	1.74	-
5745MHz	Pass	PK	11.5014G	60.28	74.00	-13.72	3	Horizontal	321	1.74	-
5745MHz	Pass	PK	17.2494G	64.25	68.20	-3.95	3	Horizontal	277	2.29	-
5785MHz	Pass	AV	5.7934G	109.54	Inf	-Inf	3	Vertical	135	1.42	-
5785MHz	Pass	PK	5.6194G	60.65	68.20	-7.55	3	Vertical	135	1.42	-
5785MHz	Pass	PK	5.7874G	123.33	Inf	-Inf	3	Vertical	135	1.42	-
5785MHz	Pass	PK	5.9578G	60.83	68.20	-7.37	3	Vertical	135	1.42	-
5785MHz	Pass	PK	5.6314G	59.91	68.20	-8.29	3	Horizontal	314	1.53	-
5785MHz	Pass	PK	5.779G	118.76	Inf	-Inf	3	Horizontal	314	1.53	-
5785MHz	Pass	AV	5.7814G	104.74	Inf	-Inf	3	Horizontal	314	1.53	-
5785MHz	Pass	PK	5.9314G	60.56	68.20	-7.64	3	Horizontal	314	1.53	-
5785MHz	Pass	AV	11.57042G	45.45	54.00	-8.55	3	Vertical	34	1.50	-
5785MHz	Pass	PK	11.56988G	61.30	74.00	-12.70	3	Vertical	34	1.50	-
5785MHz	Pass	PK	17.36658G	65.13	68.20	-3.07	3	Vertical	112	2.97	-
5785MHz	Pass	AV	11.57018G	45.96	54.00	-8.04	3	Horizontal	327	2.53	-
5785MHz	Pass	PK	11.57114G	59.42	74.00	-14.58	3	Horizontal	327	2.53	-
5785MHz	Pass	PK	17.34744G	65.07	68.20	-3.13	3	Horizontal	309	2.02	-
5825MHz	Pass	AV	5.8238G	116.86	Inf	-Inf	3	Vertical	296	1.48	-
5825MHz	Pass	PK	5.6462G	61.06	68.20	-7.14	3	Vertical	296	1.48	-
5825MHz	Pass	PK	5.819G	127.35	Inf	-Inf	3	Vertical	296	1.48	-
5825MHz	Pass	PK	5.9318G	63.14	68.20	-5.06	3	Vertical	296	1.48	-
5825MHz	Pass	AV	5.8226G	109.45	Inf	-Inf	3	Horizontal	316	1.49	-
5825MHz	Pass	PK	5.5766G	59.55	68.20	-8.65	3	Horizontal	316	1.49	-
5825MHz	Pass	PK	5.8238G	119.30	Inf	-Inf	3	Horizontal	316	1.49	-
5825MHz	Pass	PK	5.9846G	60.29	68.20	-7.91	3	Horizontal	316	1.49	-
5825MHz	Pass	AV	11.64574G	44.26	54.00	-9.74	3	Vertical	0	1.21	-
5825MHz	Pass	PK	11.64472G	59.92	74.00	-14.08	3	Vertical	0	1.21	-
5825MHz	Pass	PK	17.48742G	65.43	68.20	-2.77	3	Vertical	246	2.99	-
5825MHz	Pass	AV	11.64484G	45.78	54.00	-8.22	3	Horizontal	269	2.31	-
5825MHz	Pass	PK	11.64544G	62.11	74.00	-11.89	3	Horizontal	269	2.31	-
5825MHz	Pass	PK	17.47122G	64.75	68.20	-3.45	3	Horizontal	234	1.50	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.15G	53.07	54.00	-0.93	3	Vertical	10	1.50	-
5180MHz	Pass	AV	5.1722G	110.86	Inf	-Inf	3	Vertical	10	1.50	-
5180MHz	Pass	PK	5.147G	70.17	74.00	-3.83	3	Vertical	10	1.50	-
5180MHz	Pass	PK	5.1842G	119.43	Inf	-Inf	3	Vertical	10	1.50	-
5180MHz	Pass	AV	5.1488G	48.25	54.00	-5.75	3	Horizontal	4	1.50	-
5180MHz	Pass	AV	5.189G	101.82	Inf	-Inf	3	Horizontal	4	1.50	-
5180MHz	Pass	PK	5.1458G	63.14	74.00	-10.86	3	Horizontal	4	1.50	-

Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5180MHz	Pass	PK	5.189G	112.67	Inf	-Inf	3	Horizontal	4	1.50	-
5180MHz	Pass	AV	15.53508G	46.65	54.00	-7.35	3	Vertical	6	2.97	-
5180MHz	Pass	PK	10.36222G	62.68	68.20	-5.52	3	Vertical	10	1.37	-
5180MHz	Pass	PK	15.54192G	61.27	74.00	-12.73	3	Vertical	6	2.97	-
5180MHz	Pass	AV	15.5268G	46.67	54.00	-7.33	3	Horizontal	230	1.50	-
5180MHz	Pass	PK	10.36222G	59.52	68.20	-8.68	3	Horizontal	295	1.59	-
5180MHz	Pass	PK	15.53226G	60.96	74.00	-13.04	3	Horizontal	230	1.50	-
5200MHz	Pass	AV	5.143G	52.27	54.00	-1.73	3	Vertical	10	1.50	-
5200MHz	Pass	AV	5.2084G	110.97	Inf	-Inf	3	Vertical	10	1.50	-
5200MHz	Pass	PK	5.143G	69.57	74.00	-4.43	3	Vertical	10	1.50	-
5200MHz	Pass	PK	5.203G	124.41	Inf	-Inf	3	Vertical	10	1.50	-
5200MHz	Pass	AV	5.137G	48.31	54.00	-5.69	3	Horizontal	143	1.42	-
5200MHz	Pass	AV	5.2084G	104.46	Inf	-Inf	3	Horizontal	143	1.42	-
5200MHz	Pass	PK	5.1472G	68.10	74.00	-5.90	3	Horizontal	143	1.42	-
5200MHz	Pass	PK	5.1964G	118.69	Inf	-Inf	3	Horizontal	143	1.42	-
5200MHz	Pass	AV	15.58638G	45.71	54.00	-8.29	3	Vertical	51	1.88	-
5200MHz	Pass	PK	10.40252G	65.65	68.20	-2.55	3	Vertical	180	1.49	-
5200MHz	Pass	PK	15.58656G	59.29	74.00	-14.71	3	Vertical	51	1.88	-
5200MHz	Pass	AV	15.58656G	47.70	54.00	-8.30	3	Horizontal	19	1.16	-
5200MHz	Pass	PK	10.39874G	63.20	68.20	-5.00	3	Horizontal	208	1.23	-
5200MHz	Pass	PK	15.60786G	59.67	74.00	-14.33	3	Horizontal	19	1.16	-
5240MHz	Pass	AV	5.1428G	47.37	54.00	-6.63	3	Vertical	15	1.50	-
5240MHz	Pass	AV	5.2346G	108.87	Inf	-Inf	3	Vertical	15	1.50	-
5240MHz	Pass	AV	5.3528G	46.66	54.00	-7.34	3	Vertical	15	1.50	-
5240MHz	Pass	PK	5.1494G	63.08	74.00	-10.92	3	Vertical	15	1.50	-
5240MHz	Pass	PK	5.243G	122.18	Inf	-Inf	3	Vertical	15	1.50	-
5240MHz	Pass	PK	5.3636G	59.38	74.00	-14.62	3	Vertical	15	1.50	-
5240MHz	Pass	AV	5.144G	46.24	54.00	-7.76	3	Horizontal	148	1.63	-
5240MHz	Pass	AV	5.2316G	103.91	Inf	-Inf	3	Horizontal	148	1.63	-
5240MHz	Pass	AV	5.363G	45.80	54.00	-8.20	3	Horizontal	148	1.63	-
5240MHz	Pass	PK	5.1476G	60.97	74.00	-13.03	3	Horizontal	148	1.63	-
5240MHz	Pass	PK	5.237G	117.62	Inf	-Inf	3	Horizontal	148	1.63	-
5240MHz	Pass	PK	5.3528G	61.28	74.00	-12.72	3	Horizontal	148	1.63	-
5240MHz	Pass	AV	15.70752G	44.46	54.00	-9.54	3	Vertical	275	2.16	-
5240MHz	Pass	PK	10.47652G	68.05	68.20	-0.15	3	Vertical	95	1.50	-
5240MHz	Pass	PK	15.7146G	58.57	74.00	-15.43	3	Vertical	275	2.16	-
5240MHz	Pass	AV	15.71646G	44.61	54.00	-9.39	3	Horizontal	121	1.22	-
5240MHz	Pass	PK	10.47658G	63.26	68.20	-4.94	3	Horizontal	335	1.50	-
5240MHz	Pass	PK	15.71646G	59.42	74.00	-14.58	3	Horizontal	121	1.22	-
5745MHz	Pass	AV	5.7486G	112.92	Inf	-Inf	3	Vertical	341	1.49	-
5745MHz	Pass	PK	5.6466G	68.07	68.20	-0.13	3	Vertical	341	1.49	-
5745MHz	Pass	PK	5.7474G	125.18	Inf	-Inf	3	Vertical	341	1.49	-
5745MHz	Pass	PK	5.9286G	63.95	68.20	-4.25	3	Vertical	341	1.49	-
5745MHz	Pass	AV	5.7498G	106.78	Inf	-Inf	3	Horizontal	196	1.60	-
5745MHz	Pass	PK	5.6466G	63.73	68.20	-4.47	3	Horizontal	196	1.60	-
5745MHz	Pass	PK	5.7486G	118.72	Inf	-Inf	3	Horizontal	196	1.60	-
5745MHz	Pass	PK	5.9298G	60.45	68.20	-7.75	3	Horizontal	196	1.60	-
5745MHz	Pass	AV	11.49744G	44.64	54.00	-9.36	3	Vertical	82	1.50	-
5745MHz	Pass	PK	11.499G	59.86	74.00	-14.14	3	Vertical	82	1.50	-

Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5745MHz	Pass	PK	17.24274G	63.78	68.20	-4.42	3	Vertical	252	1.50	-
5745MHz	Pass	AV	11.49018G	44.18	54.00	-9.82	3	Horizontal	324	1.59	-
5745MHz	Pass	PK	11.49336G	57.80	74.00	-16.20	3	Horizontal	324	1.59	-
5745MHz	Pass	PK	17.24934G	63.75	68.20	-4.45	3	Horizontal	197	1.86	-
5785MHz	Pass	AV	5.7802G	114.58	Inf	-Inf	3	Vertical	349	1.90	-
5785MHz	Pass	PK	5.6098G	62.59	68.20	-5.61	3	Vertical	349	1.90	-
5785MHz	Pass	PK	5.7778G	127.43	Inf	-Inf	3	Vertical	349	1.90	-
5785MHz	Pass	PK	5.9542G	62.61	68.20	-5.59	3	Vertical	349	1.90	-
5785MHz	Pass	AV	5.7922G	107.87	Inf	-Inf	3	Horizontal	194	1.47	-
5785MHz	Pass	PK	5.6398G	61.22	68.20	-6.98	3	Horizontal	194	1.47	-
5785MHz	Pass	PK	5.7934G	120.04	Inf	-Inf	3	Horizontal	194	1.47	-
5785MHz	Pass	PK	5.9398G	60.44	68.20	-7.76	3	Horizontal	194	1.47	-
5785MHz	Pass	AV	11.56946G	47.46	54.00	-6.54	3	Vertical	82	1.45	-
5785MHz	Pass	PK	11.56916G	60.91	74.00	-13.09	3	Vertical	82	1.45	-
5785MHz	Pass	PK	17.35884G	64.28	68.20	-3.92	3	Vertical	312	1.50	-
5785MHz	Pass	AV	11.57372G	45.93	54.00	-8.07	3	Horizontal	283	1.66	-
5785MHz	Pass	PK	11.5718G	59.88	74.00	-14.12	3	Horizontal	283	1.66	-
5785MHz	Pass	PK	17.3508G	64.80	68.20	-3.40	3	Horizontal	118	2.02	-
5825MHz	Pass	AV	5.8223G	112.09	Inf	-Inf	3	Vertical	309	1.74	-
5825MHz	Pass	PK	5.5958G	59.53	68.20	-8.67	3	Vertical	309	1.74	-
5825MHz	Pass	PK	5.8202G	124.04	Inf	-Inf	3	Vertical	309	1.74	-
5825MHz	Pass	PK	5.927G	64.12	68.20	-4.08	3	Vertical	309	1.74	-
5825MHz	Pass	AV	5.8241G	103.66	Inf	-Inf	3	Horizontal	267	1.54	-
5825MHz	Pass	PK	5.5922G	59.30	68.20	-8.90	3	Horizontal	267	1.54	-
5825MHz	Pass	PK	5.8226G	115.58	Inf	-Inf	3	Horizontal	267	1.54	-
5825MHz	Pass	PK	5.9402G	59.67	68.20	-8.53	3	Horizontal	267	1.54	-
5825MHz	Pass	AV	11.6503G	46.20	54.00	-7.80	3	Vertical	68	1.45	-
5825MHz	Pass	PK	11.64418G	59.57	74.00	-14.43	3	Vertical	68	1.45	-
5825MHz	Pass	PK	17.4675G	64.62	68.20	-3.58	3	Vertical	35	1.43	-
5825MHz	Pass	AV	11.6539G	46.83	54.00	-7.17	3	Horizontal	325	2.60	-
5825MHz	Pass	PK	11.6551G	60.29	74.00	-13.71	3	Horizontal	325	2.60	-
5825MHz	Pass	PK	17.4828G	64.41	68.20	-3.79	3	Horizontal	163	2.43	-
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.1484G	53.70	54.00	-0.30	3	Vertical	340	1.70	-
5190MHz	Pass	AV	5.202G	105.56	Inf	-Inf	3	Vertical	340	1.70	-
5190MHz	Pass	PK	5.1484G	65.06	74.00	-8.94	3	Vertical	340	1.70	-
5190MHz	Pass	PK	5.1992G	112.12	Inf	-Inf	3	Vertical	340	1.70	-
5190MHz	Pass	AV	5.1496G	49.79	54.00	-4.21	3	Horizontal	140	1.50	-
5190MHz	Pass	AV	5.2076G	95.47	Inf	-Inf	3	Horizontal	140	1.50	-
5190MHz	Pass	PK	5.1496G	62.81	74.00	-11.19	3	Horizontal	140	1.50	-
5190MHz	Pass	PK	5.2076G	101.83	Inf	-Inf	3	Horizontal	140	1.50	-
5190MHz	Pass	AV	15.56568G	46.34	54.00	-7.66	3	Vertical	243	2.27	-
5190MHz	Pass	PK	10.3856G	59.48	68.20	-8.72	3	Vertical	11	1.39	-
5190MHz	Pass	PK	15.56742G	60.80	74.00	-13.20	3	Vertical	243	2.27	-
5190MHz	Pass	AV	15.57522G	46.39	54.00	-7.61	3	Horizontal	13	1.50	-
5190MHz	Pass	PK	10.38G	57.96	68.20	-10.24	3	Horizontal	212	1.47	-
5190MHz	Pass	PK	15.55584G	60.41	74.00	-13.59	3	Horizontal	13	1.50	-
5230MHz	Pass	AV	5.1476G	53.53	54.00	-0.47	3	Vertical	13	1.47	-
5230MHz	Pass	AV	5.2288G	113.92	Inf	-Inf	3	Vertical	13	1.47	-

Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5230MHz	Pass	PK	5.1452G	65.83	74.00	-8.17	3	Vertical	13	1.47	-
5230MHz	Pass	PK	5.2264G	121.39	Inf	-Inf	3	Vertical	13	1.47	-
5230MHz	Pass	AV	5.1452G	48.82	54.00	-5.18	3	Horizontal	176	2.20	-
5230MHz	Pass	AV	5.2244G	105.18	Inf	-Inf	3	Horizontal	176	2.20	-
5230MHz	Pass	PK	5.1488G	62.38	74.00	-11.62	3	Horizontal	176	2.20	-
5230MHz	Pass	PK	5.2268G	112.29	Inf	-Inf	3	Horizontal	176	2.20	-
5230MHz	Pass	AV	15.67932G	46.72	54.00	-7.28	3	Vertical	320	1.49	-
5230MHz	Pass	PK	10.4805G	65.31	68.20	-2.89	3	Vertical	97	1.95	-
5230MHz	Pass	PK	15.68964G	61.71	74.00	-12.29	3	Vertical	320	1.49	-
5230MHz	Pass	AV	15.68436G	47.10	54.00	-6.90	3	Horizontal	227	2.49	-
5230MHz	Pass	PK	10.47422G	59.86	68.20	-8.34	3	Horizontal	178	1.94	-
5230MHz	Pass	PK	15.67614G	61.09	74.00	-12.91	3	Horizontal	227	2.49	-
5755MHz	Pass	AV	5.7598G	112.68	Inf	-Inf	3	Vertical	32	1.50	-
5755MHz	Pass	PK	5.641G	67.30	68.20	-0.90	3	Vertical	32	1.50	-
5755MHz	Pass	PK	5.7514G	122.57	Inf	-Inf	3	Vertical	32	1.50	-
5755MHz	Pass	PK	5.9422G	64.61	68.20	-3.59	3	Vertical	32	1.50	-
5755MHz	Pass	AV	5.7682G	104.73	Inf	-Inf	3	Horizontal	187	2.06	-
5755MHz	Pass	PK	5.6446G	62.14	68.20	-6.06	3	Horizontal	187	2.06	-
5755MHz	Pass	PK	5.7658G	115.32	Inf	-Inf	3	Horizontal	187	2.06	-
5755MHz	Pass	PK	5.9794G	60.18	68.20	-8.02	3	Horizontal	187	2.06	-
5755MHz	Pass	AV	11.4983G	45.04	54.00	-8.96	3	Vertical	83	1.45	-
5755MHz	Pass	PK	11.49704G	60.12	74.00	-13.88	3	Vertical	83	1.45	-
5755MHz	Pass	PK	17.2701G	64.40	68.20	-3.80	3	Vertical	152	1.49	-
5755MHz	Pass	AV	11.51642G	44.28	54.00	-9.72	3	Horizontal	325	2.44	-
5755MHz	Pass	PK	11.51318G	58.23	74.00	-15.77	3	Horizontal	325	2.44	-
5755MHz	Pass	PK	17.2509G	64.12	68.20	-4.08	3	Horizontal	24	2.00	-
5795MHz	Pass	AV	5.8094G	111.28	Inf	-Inf	3	Vertical	132	1.50	-
5795MHz	Pass	PK	5.645G	63.35	68.20	-4.85	3	Vertical	132	1.50	-
5795MHz	Pass	PK	5.8082G	121.71	Inf	-Inf	3	Vertical	132	1.50	-
5795MHz	Pass	PK	5.939G	63.53	68.20	-4.67	3	Vertical	132	1.50	-
5795MHz	Pass	AV	5.7818G	105.77	Inf	-Inf	3	Horizontal	190	1.98	-
5795MHz	Pass	PK	5.6186G	60.61	68.20	-7.59	3	Horizontal	190	1.98	-
5795MHz	Pass	PK	5.7794G	115.77	Inf	-Inf	3	Horizontal	190	1.98	-
5795MHz	Pass	PK	5.9462G	60.94	68.20	-7.26	3	Horizontal	190	1.98	-
5795MHz	Pass	AV	11.57974G	43.29	54.00	-10.71	3	Vertical	89	1.46	-
5795MHz	Pass	PK	11.59876G	58.02	74.00	-15.98	3	Vertical	89	1.46	-
5795MHz	Pass	PK	17.38398G	66.23	68.20	-1.97	3	Vertical	356	1.50	-
5795MHz	Pass	AV	11.5897G	45.02	54.00	-8.98	3	Horizontal	324	2.54	-
5795MHz	Pass	PK	11.59246G	59.37	74.00	-14.63	3	Horizontal	324	2.54	-
5795MHz	Pass	PK	17.3868G	65.67	68.20	-2.53	3	Horizontal	309	1.50	-
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.1498G	53.59	54.00	-0.41	3	Vertical	18	1.59	-
5190MHz	Pass	AV	5.2062G	106.79	Inf	-Inf	3	Vertical	18	1.59	-
5190MHz	Pass	PK	5.1438G	67.20	74.00	-6.80	3	Vertical	18	1.59	-
5190MHz	Pass	PK	5.1858G	115.99	Inf	-Inf	3	Vertical	18	1.59	-
5190MHz	Pass	AV	5.1498G	51.79	54.00	-2.21	3	Horizontal	260	1.73	-
5190MHz	Pass	AV	5.208G	101.97	Inf	-Inf	3	Horizontal	260	1.73	-
5190MHz	Pass	PK	5.1498G	67.88	74.00	-6.12	3	Horizontal	260	1.73	-
5190MHz	Pass	PK	5.2008G	111.05	Inf	-Inf	3	Horizontal	260	1.73	-

Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5190MHz	Pass	AV	15.56478G	46.28	54.00	-7.72	3	Vertical	144	1.50	-
5190MHz	Pass	PK	10.37028G	57.69	68.20	-10.51	3	Vertical	93	1.49	-
5190MHz	Pass	PK	15.5625G	60.47	74.00	-13.53	3	Vertical	144	1.50	-
5190MHz	Pass	AV	15.55848G	46.21	54.00	-7.79	3	Horizontal	352	2.50	-
5190MHz	Pass	PK	10.3803G	55.07	68.20	-13.13	3	Horizontal	226	1.50	-
5190MHz	Pass	PK	15.55674G	60.65	74.00	-13.35	3	Horizontal	352	2.50	-
5230MHz	Pass	AV	5.1388G	48.63	54.00	-5.37	3	Vertical	15	1.50	-
5230MHz	Pass	AV	5.224G	106.37	Inf	-Inf	3	Vertical	15	1.50	-
5230MHz	Pass	AV	5.3524G	47.06	54.00	-6.94	3	Vertical	15	1.50	-
5230MHz	Pass	PK	5.146G	73.49	74.00	-0.51	3	Vertical	15	1.50	-
5230MHz	Pass	PK	5.2264G	120.04	Inf	-Inf	3	Vertical	15	1.50	-
5230MHz	Pass	PK	5.3518G	67.27	74.00	-6.73	3	Vertical	15	1.50	-
5230MHz	Pass	AV	5.1478G	47.15	54.00	-6.85	3	Horizontal	144	1.51	-
5230MHz	Pass	AV	5.2174G	101.39	Inf	-Inf	3	Horizontal	144	1.51	-
5230MHz	Pass	AV	5.3626G	45.82	54.00	-8.18	3	Horizontal	144	1.51	-
5230MHz	Pass	PK	5.1478G	71.66	74.00	-2.34	3	Horizontal	144	1.51	-
5230MHz	Pass	PK	5.2276G	118.23	Inf	-Inf	3	Horizontal	144	1.51	-
5230MHz	Pass	PK	5.3608G	59.60	74.00	-14.40	3	Horizontal	144	1.51	-
5230MHz	Pass	AV	15.67998G	44.86	54.00	-9.14	3	Vertical	358	2.13	-
5230MHz	Pass	PK	10.44932G	66.16	68.20	-2.04	3	Vertical	87	1.32	-
5230MHz	Pass	PK	15.684G	58.95	74.00	-15.05	3	Vertical	358	2.13	-
5230MHz	Pass	AV	15.68058G	44.68	54.00	-9.32	3	Horizontal	13	1.22	-
5230MHz	Pass	PK	10.44722G	62.34	68.20	-5.86	3	Horizontal	185	1.58	-
5230MHz	Pass	PK	15.6825G	58.62	74.00	-15.38	3	Horizontal	13	1.22	-
5755MHz	Pass	AV	5.7526G	112.31	Inf	-Inf	3	Vertical	345	1.32	-
5755MHz	Pass	PK	5.6386G	67.46	68.20	-0.74	3	Vertical	345	1.32	-
5755MHz	Pass	PK	5.7586G	125.87	Inf	-Inf	3	Vertical	345	1.32	-
5755MHz	Pass	PK	5.9578G	61.50	68.20	-6.70	3	Vertical	345	1.32	-
5755MHz	Pass	AV	5.7598G	103.03	Inf	-Inf	3	Horizontal	194	1.49	-
5755MHz	Pass	PK	5.6482G	62.99	68.20	-5.21	3	Horizontal	194	1.49	-
5755MHz	Pass	PK	5.7526G	117.89	Inf	-Inf	3	Horizontal	194	1.49	-
5755MHz	Pass	PK	5.935G	61.68	68.20	-6.52	3	Horizontal	194	1.49	-
5755MHz	Pass	AV	11.4897G	44.44	54.00	-9.56	3	Vertical	72	1.71	-
5755MHz	Pass	PK	11.5087G	58.13	74.00	-15.87	3	Vertical	72	1.71	-
5755MHz	Pass	PK	17.27214G	64.04	68.20	-4.16	3	Vertical	342	2.07	-
5755MHz	Pass	AV	11.50982G	44.32	54.00	-9.68	3	Horizontal	323	2.44	-
5755MHz	Pass	PK	11.51888G	57.45	74.00	-16.55	3	Horizontal	323	2.44	-
5755MHz	Pass	PK	17.271G	65.21	68.20	-2.99	3	Horizontal	68	2.06	-
5795MHz	Pass	AV	5.7998G	112.25	Inf	-Inf	3	Vertical	128	2.14	-
5795MHz	Pass	PK	5.6378G	61.01	68.20	-7.19	3	Vertical	128	2.14	-
5795MHz	Pass	PK	5.7926G	124.47	Inf	-Inf	3	Vertical	128	2.14	-
5795MHz	Pass	PK	5.9342G	64.23	68.20	-3.97	3	Vertical	128	2.14	-
5795MHz	Pass	AV	5.7854G	106.39	Inf	-Inf	3	Horizontal	195	1.59	-
5795MHz	Pass	PK	5.5634G	59.97	68.20	-8.23	3	Horizontal	195	1.59	-
5795MHz	Pass	PK	5.7878G	119.24	Inf	-Inf	3	Horizontal	195	1.59	-
5795MHz	Pass	PK	5.9366G	60.80	68.20	-7.40	3	Horizontal	195	1.59	-
5795MHz	Pass	AV	11.59258G	44.75	54.00	-9.25	3	Vertical	62	1.40	-
5795MHz	Pass	PK	11.59284G	58.66	74.00	-15.34	3	Vertical	62	1.40	-
5795MHz	Pass	PK	17.38668G	65.01	68.20	-3.19	3	Vertical	328	1.50	-

Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5795MHz	Pass	AV	11.59372G	43.56	54.00	-10.44	3	Horizontal	318	1.84	-
5795MHz	Pass	PK	11.58502G	57.38	74.00	-16.62	3	Horizontal	318	1.84	-
5795MHz	Pass	PK	17.38086G	64.53	68.20	-3.67	3	Horizontal	141	1.50	-
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.15G	53.42	54.00	-0.58	3	Vertical	11	1.50	-
5210MHz	Pass	AV	5.213G	101.84	Inf	-Inf	3	Vertical	11	1.50	-
5210MHz	Pass	AV	5.453G	47.80	54.00	-6.20	3	Vertical	11	1.50	-
5210MHz	Pass	PK	5.15G	64.71	74.00	-9.29	3	Vertical	11	1.50	-
5210MHz	Pass	PK	5.212G	109.09	Inf	-Inf	3	Vertical	11	1.50	-
5210MHz	Pass	PK	5.394G	60.69	74.00	-13.31	3	Vertical	11	1.50	-
5210MHz	Pass	AV	5.148G	49.36	54.00	-4.64	3	Horizontal	144	2.32	-
5210MHz	Pass	AV	5.224G	98.24	Inf	-Inf	3	Horizontal	144	2.32	-
5210MHz	Pass	AV	5.454G	47.50	54.00	-6.50	3	Horizontal	144	2.32	-
5210MHz	Pass	PK	5.146G	61.21	74.00	-12.79	3	Horizontal	144	2.32	-
5210MHz	Pass	PK	5.226G	104.74	Inf	-Inf	3	Horizontal	144	2.32	-
5210MHz	Pass	PK	5.413G	60.21	74.00	-13.79	3	Horizontal	144	2.32	-
5210MHz	Pass	AV	15.61662G	46.03	54.00	-7.97	3	Vertical	80	1.50	-
5210MHz	Pass	PK	10.42006G	57.44	68.20	-10.76	3	Vertical	252	1.82	-
5210MHz	Pass	PK	15.62664G	59.80	74.00	-14.20	3	Vertical	80	1.50	-
5210MHz	Pass	AV	15.63264G	46.07	54.00	-7.93	3	Horizontal	4	1.50	-
5210MHz	Pass	PK	10.42336G	56.98	68.20	-11.22	3	Horizontal	222	1.62	-
5210MHz	Pass	PK	15.63756G	59.92	74.00	-14.08	3	Horizontal	4	1.50	-
5775MHz	Pass	AV	5.757G	109.29	Inf	-Inf	3	Vertical	128	2.15	-
5775MHz	Pass	PK	5.6454G	66.08	68.20	-2.12	3	Vertical	128	2.15	-
5775MHz	Pass	PK	5.751G	117.63	Inf	-Inf	3	Vertical	128	2.15	-
5775MHz	Pass	PK	5.9634G	64.91	68.20	-3.29	3	Vertical	128	2.15	-
5775MHz	Pass	AV	5.7906G	102.72	Inf	-Inf	3	Horizontal	201	1.50	-
5775MHz	Pass	PK	5.6502G	64.94	68.35	-3.41	3	Horizontal	201	1.50	-
5775MHz	Pass	PK	5.7906G	109.48	Inf	-Inf	3	Horizontal	201	1.50	-
5775MHz	Pass	PK	5.937G	61.70	68.20	-6.50	3	Horizontal	201	1.50	-
5775MHz	Pass	AV	11.55444G	46.06	54.00	-7.94	3	Vertical	87	1.45	-
5775MHz	Pass	PK	11.5575G	58.56	74.00	-15.44	3	Vertical	87	1.45	-
5775MHz	Pass	PK	17.33484G	61.46	68.20	-6.74	3	Vertical	293	1.50	-
5775MHz	Pass	AV	11.55G	45.64	54.00	-8.36	3	Horizontal	292	1.75	-
5775MHz	Pass	PK	11.56446G	57.62	74.00	-16.38	3	Horizontal	292	1.75	-
5775MHz	Pass	PK	17.32116G	61.87	68.20	-6.33	3	Horizontal	229	1.50	-
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.15G	53.74	54.00	-0.26	3	Vertical	10	1.52	-
5210MHz	Pass	AV	5.23G	102.16	Inf	-Inf	3	Vertical	10	1.52	-
5210MHz	Pass	AV	5.402G	47.07	54.00	-6.93	3	Vertical	10	1.52	-
5210MHz	Pass	PK	5.146G	65.43	74.00	-8.57	3	Vertical	10	1.52	-
5210MHz	Pass	PK	5.203G	112.62	Inf	-Inf	3	Vertical	10	1.52	-
5210MHz	Pass	PK	5.387G	59.54	74.00	-14.46	3	Vertical	10	1.52	-
5210MHz	Pass	AV	5.145G	46.95	54.00	-7.05	3	Horizontal	187	2.41	-
5210MHz	Pass	AV	5.215G	92.72	Inf	-Inf	3	Horizontal	187	2.41	-
5210MHz	Pass	AV	5.44G	46.43	54.00	-7.57	3	Horizontal	187	2.41	-
5210MHz	Pass	PK	5.144G	59.57	74.00	-14.43	3	Horizontal	187	2.41	-
5210MHz	Pass	PK	5.208G	102.65	Inf	-Inf	3	Horizontal	187	2.41	-
5210MHz	Pass	PK	5.365G	59.52	74.00	-14.48	3	Horizontal	187	2.41	-

Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5210MHz	Pass	AV	15.61536G	45.74	54.00	-8.26	3	Vertical	246	1.01	-
5210MHz	Pass	PK	10.41994G	56.75	68.20	-11.45	3	Vertical	273	2.29	-
5210MHz	Pass	PK	15.6192G	59.77	74.00	-14.23	3	Vertical	246	1.01	-
5210MHz	Pass	AV	15.6192G	45.82	54.00	-8.18	3	Horizontal	37	1.72	-
5210MHz	Pass	PK	10.42006G	56.18	68.20	-12.02	3	Horizontal	226	1.50	-
5210MHz	Pass	PK	15.615G	59.24	74.00	-14.76	3	Horizontal	37	1.72	-
5775MHz	Pass	AV	5.8002G	108.70	Inf	-Inf	3	Vertical	127	2.16	-
5775MHz	Pass	PK	5.6502G	68.20	68.35	-0.15	3	Vertical	127	2.16	-
5775MHz	Pass	PK	5.7474G	118.22	Inf	-Inf	3	Vertical	127	2.16	-
5775MHz	Pass	PK	5.9466G	67.85	68.20	-0.35	3	Vertical	127	2.16	-
5775MHz	Pass	AV	5.7822G	101.68	Inf	-Inf	3	Horizontal	200	1.50	-
5775MHz	Pass	PK	5.6478G	64.62	68.20	-3.58	3	Horizontal	200	1.50	-
5775MHz	Pass	PK	5.7474G	110.92	Inf	-Inf	3	Horizontal	200	1.50	-
5775MHz	Pass	PK	5.9274G	62.11	68.20	-6.09	3	Horizontal	200	1.50	-
5775MHz	Pass	AV	11.55918G	44.95	54.00	-9.05	3	Vertical	89	1.54	-
5775MHz	Pass	PK	11.5608G	58.17	74.00	-15.83	3	Vertical	89	1.54	-
5775MHz	Pass	PK	17.33496G	61.49	68.20	-6.71	3	Vertical	240	1.50	-
5775MHz	Pass	AV	11.54976G	44.63	54.00	-9.37	3	Horizontal	293	1.63	-
5775MHz	Pass	PK	11.54526G	57.38	74.00	-16.62	3	Horizontal	293	1.63	-
5775MHz	Pass	PK	17.3235G	61.50	68.20	-6.70	3	Horizontal	281	1.73	-

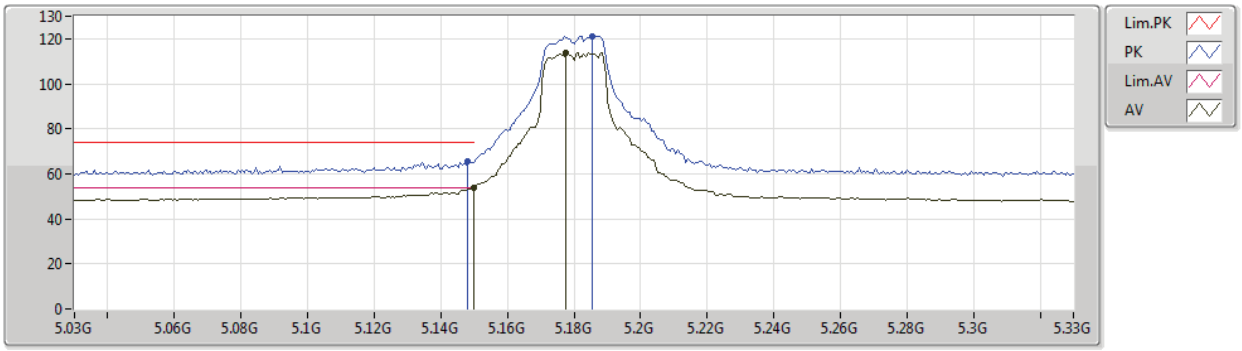
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

02/03/2020

5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	53.78	54.00	-0.22	8.37	3	Vertical	294	1.64	-	45.41	31.70	6.00	29.33
AV	5.1776G	113.85	Inf	-Inf	8.32	3	Vertical	294	1.64	-	105.53	31.64	6.02	29.34
PK	5.1482G	65.58	74.00	-8.42	8.37	3	Vertical	294	1.64	-	57.21	31.70	6.00	29.33
PK	5.1854G	121.19	Inf	-Inf	8.31	3	Vertical	294	1.64	-	112.88	31.63	6.02	29.34

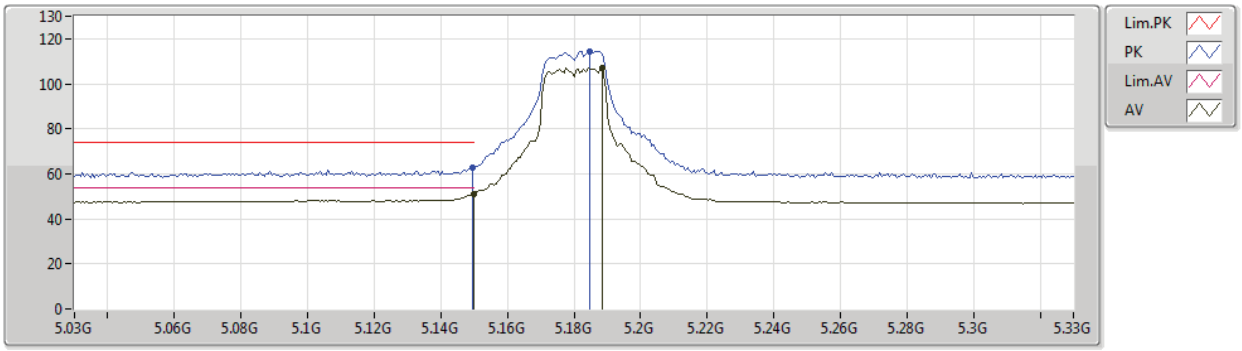
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

02/03/2020

5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	51.26	54.00	-2.74	8.37	3	Horizontal	208	1.50	-	42.89	31.70	6.00	29.33
AV	5.1884G	107.10	Inf	-Inf	8.30	3	Horizontal	208	1.50	-	98.80	31.62	6.02	29.34
PK	5.1494G	62.56	74.00	-11.44	8.37	3	Horizontal	208	1.50	-	54.19	31.70	6.00	29.33
PK	5.1848G	114.54	Inf	-Inf	8.31	3	Horizontal	208	1.50	-	106.23	31.63	6.02	29.34

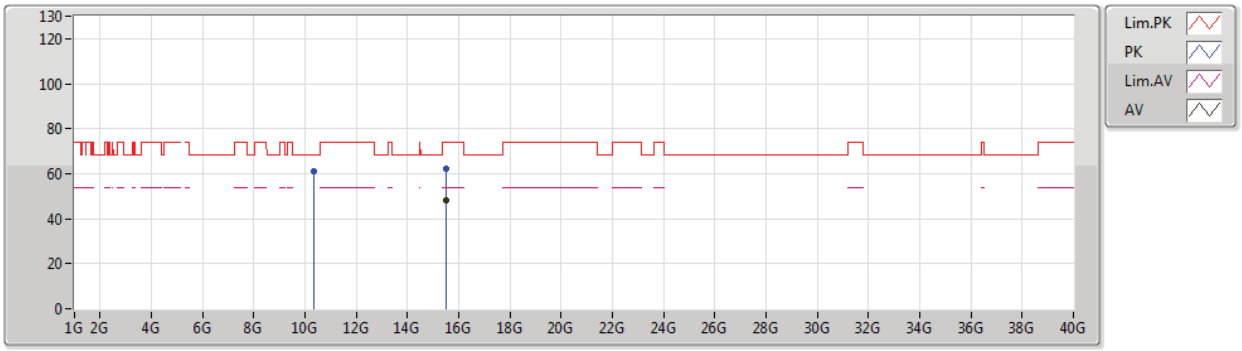
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

03/03/2020

5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.525G	48.44	54.00	-5.56	19.44	3	Vertical	152	1.49	-	29.00	38.86	12.79	32.21
PK	10.35988G	61.19	68.20	-7.01	15.40	3	Vertical	97	1.47	-	45.79	39.37	10.33	34.30
PK	15.52968G	62.22	74.00	-11.78	19.42	3	Vertical	152	1.49	-	42.80	38.84	12.80	32.22

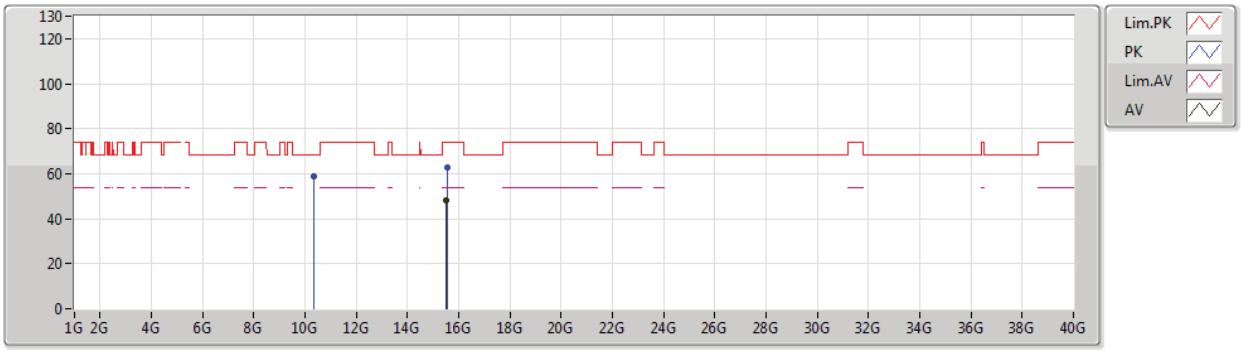
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

03/03/2020

5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.52626G	48.46	54.00	-5.54	19.42	3	Horizontal	159	1.50	-	29.04	38.85	12.79	32.22
PK	10.3598G	59.02	68.20	-9.18	15.40	3	Horizontal	209	1.37	-	43.62	39.37	10.33	34.30
PK	15.5328G	62.51	74.00	-11.49	19.41	3	Horizontal	159	1.50	-	43.10	38.83	12.80	32.22

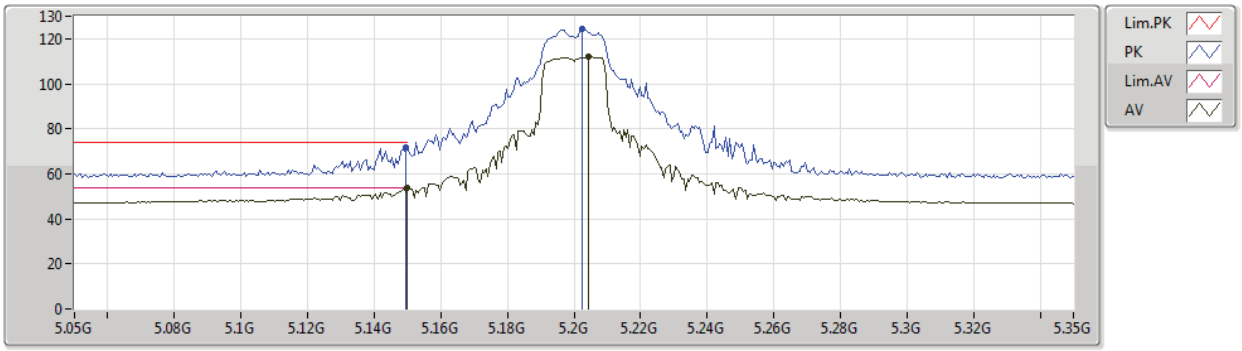
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

10/02/2020

5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	53.68	54.00	-0.32	8.37	3	Vertical	10	1.50	-	45.31	31.70	6.00	29.33
AV	5.2042G	111.91	Inf	-Inf	8.28	3	Vertical	10	1.50	-	103.63	31.59	6.03	29.34
PK	5.1496G	71.82	74.00	-2.18	8.37	3	Vertical	10	1.50	-	63.45	31.70	6.00	29.33
PK	5.2024G	124.67	Inf	-Inf	8.28	3	Vertical	10	1.50	-	116.39	31.59	6.03	29.34

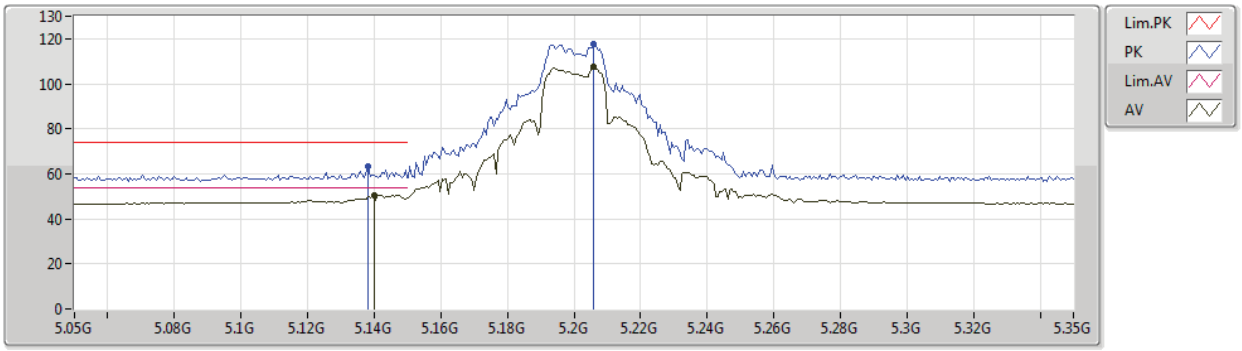
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5200MHz_TX

10/02/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.14G	50.54	54.00	-3.46	8.39	3	Horizontal	253	1.75	-	42.15	31.72	6.00	29.33
AV	5.206G	107.35	Inf	-Inf	8.27	3	Horizontal	253	1.75	-	99.08	31.58	6.03	29.34
PK	5.1382G	63.26	74.00	-10.74	8.38	3	Horizontal	253	1.75	-	54.88	31.72	5.99	29.33
PK	5.206G	117.91	Inf	-Inf	8.27	3	Horizontal	253	1.75	-	109.64	31.58	6.03	29.34

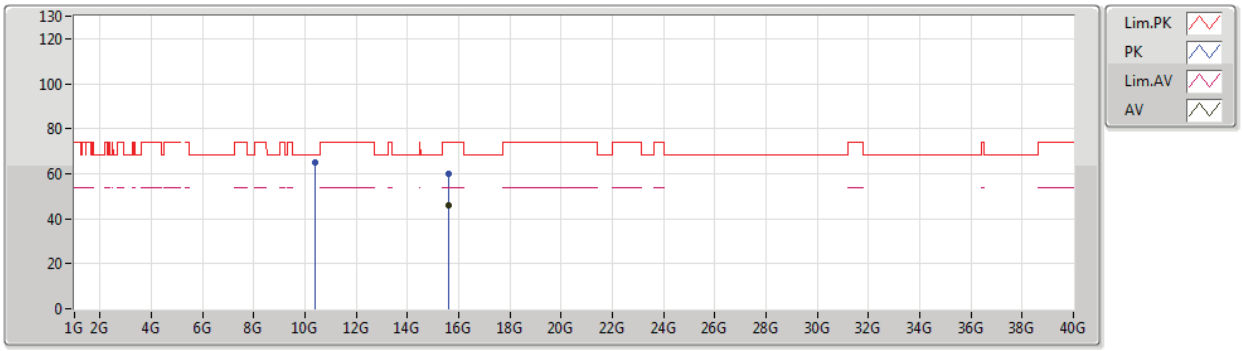
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

10/02/2020

5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.59136G	46.14	54.00	-7.86	17.32	3	Vertical	3	1.15	-	28.82	38.36	10.83	31.87
PK	10.39742G	65.19	68.20	-3.01	17.60	3	Vertical	91	1.33	-	47.59	39.42	8.72	30.54
PK	15.61068G	60.23	74.00	-13.77	17.24	3	Vertical	3	1.15	-	42.99	38.27	10.84	31.87

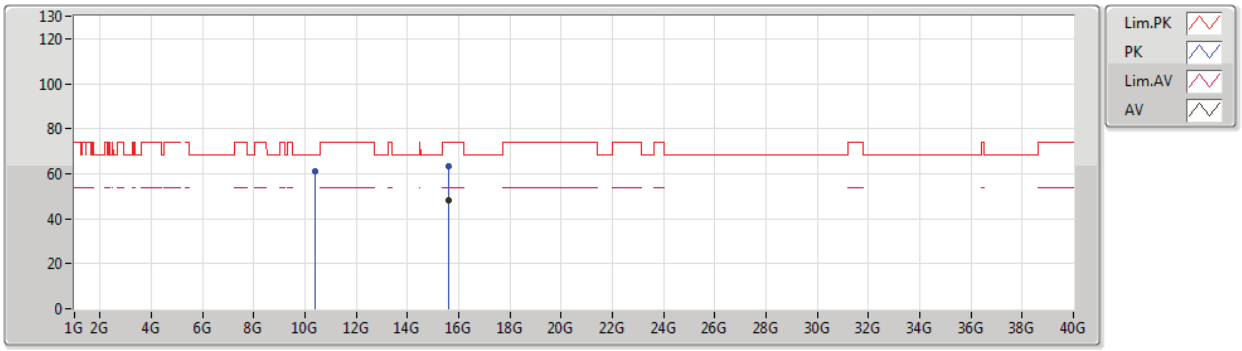
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5200MHz_TX

10/02/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.6051G	47.98	54.00	-6.02	17.27	3	Horizontal	300	2.56	-	30.71	38.30	10.84	31.87
PK	10.39628G	61.25	68.20	-6.95	17.60	3	Horizontal	292	1.62	-	43.65	39.42	8.72	30.54
PK	15.60528G	63.51	74.00	-10.49	17.27	3	Horizontal	300	2.56	-	46.24	38.30	10.84	31.87

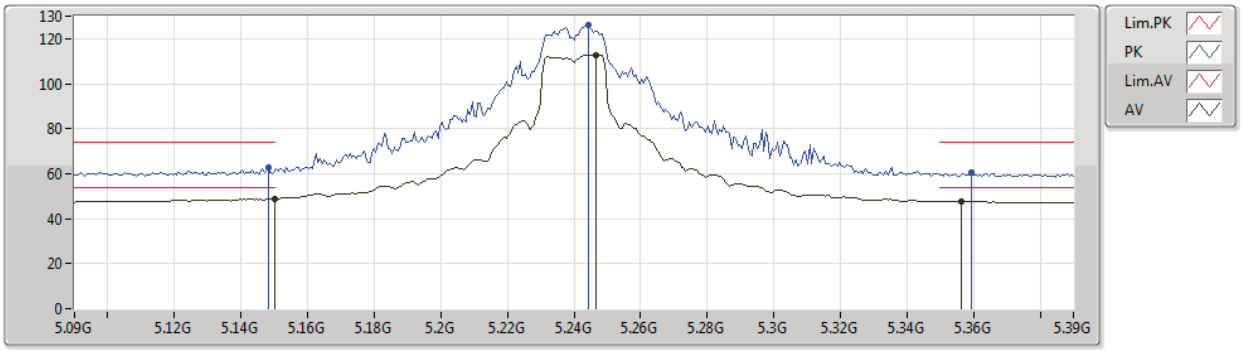
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

10/02/2020

5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	48.73	54.00	-5.27	8.37	3	Vertical	5	1.54	-	40.36	31.70	6.00	29.33
AV	5.2466G	112.70	Inf	-Inf	8.17	3	Vertical	5	1.54	-	104.53	31.46	6.05	29.34
AV	5.3564G	47.62	54.00	-6.38	8.16	3	Vertical	5	1.54	-	39.46	31.41	6.11	29.36
PK	5.1482G	62.56	74.00	-11.44	8.37	3	Vertical	5	1.54	-	54.19	31.70	6.00	29.33
PK	5.2442G	126.29	Inf	-Inf	8.18	3	Vertical	5	1.54	-	118.11	31.47	6.05	29.34
PK	5.3594G	60.76	74.00	-13.24	8.17	3	Vertical	5	1.54	-	52.59	31.42	6.11	29.36

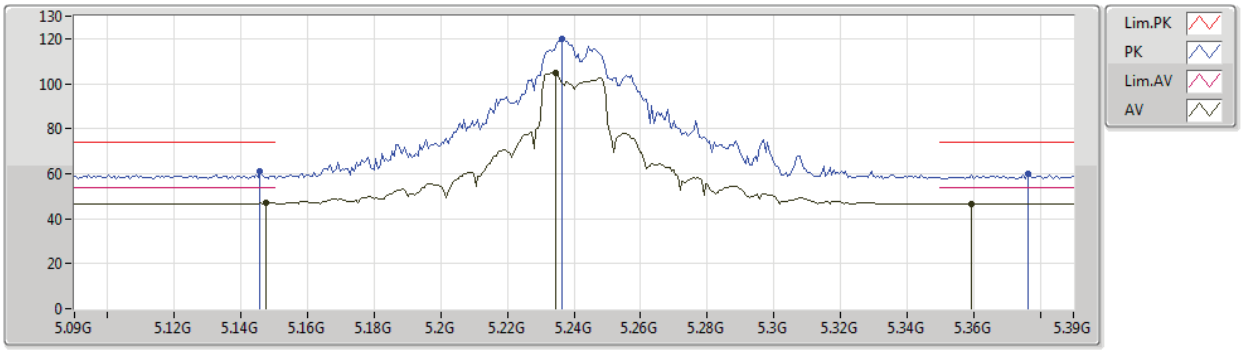
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

10/02/2020

5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1476G	46.94	54.00	-7.06	8.37	3	Horizontal	308	1.56	-	38.57	31.70	6.00	29.33
AV	5.2346G	104.73	Inf	-Inf	8.21	3	Horizontal	308	1.56	-	96.52	31.50	6.05	29.34
AV	5.3594G	46.50	54.00	-7.50	8.17	3	Horizontal	308	1.56	-	38.33	31.42	6.11	29.36
PK	5.1458G	60.85	74.00	-13.15	8.38	3	Horizontal	308	1.56	-	52.47	31.71	6.00	29.33
PK	5.2364G	119.72	Inf	-Inf	8.20	3	Horizontal	308	1.56	-	111.52	31.49	6.05	29.34
PK	5.3762G	59.98	74.00	-14.02	8.21	3	Horizontal	308	1.56	-	51.77	31.45	6.12	29.36

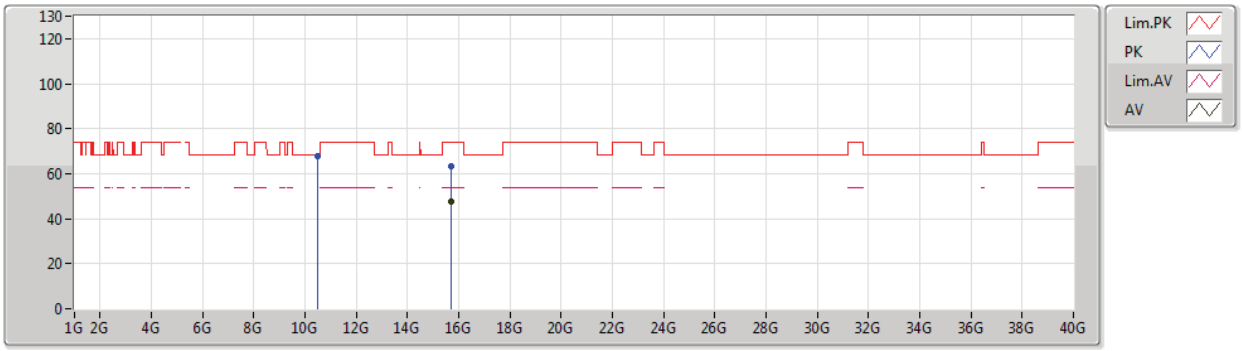
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

10/02/2020

5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.72816G	47.63	54.00	-6.37	16.75	3	Vertical	279	2.94	-	30.88	37.77	10.88	31.90
PK	10.47904G	67.76	68.20	-0.44	17.73	3	Vertical	332	1.50	-	50.03	39.52	8.78	30.57
PK	15.729G	63.38	74.00	-10.62	16.75	3	Vertical	279	2.94	-	46.63	37.77	10.88	31.90

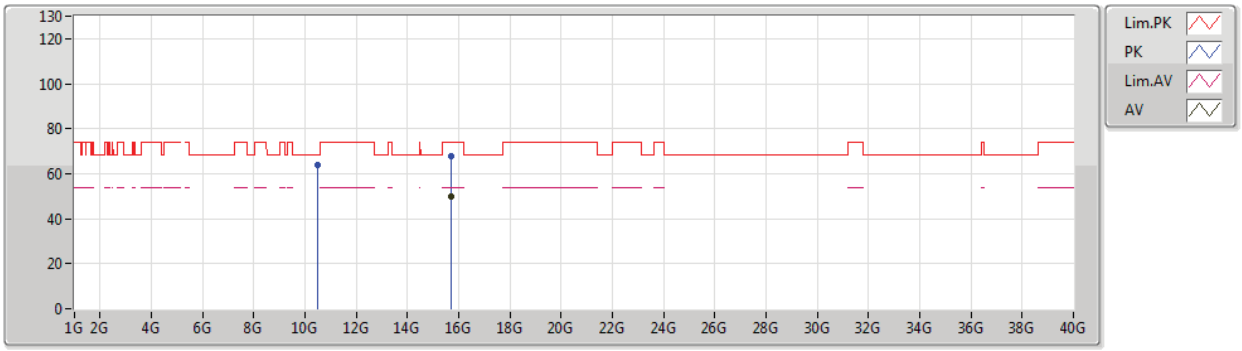
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

10/02/2020

5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.72498G	49.90	54.00	-4.10	16.76	3	Horizontal	332	2.91	-	33.14	37.78	10.88	31.90
PK	10.47664G	63.88	68.20	-4.32	17.72	3	Horizontal	291	1.50	-	46.16	39.52	8.77	30.57
PK	15.7254G	67.58	74.00	-6.42	16.76	3	Horizontal	332	2.91	-	50.82	37.78	10.88	31.90

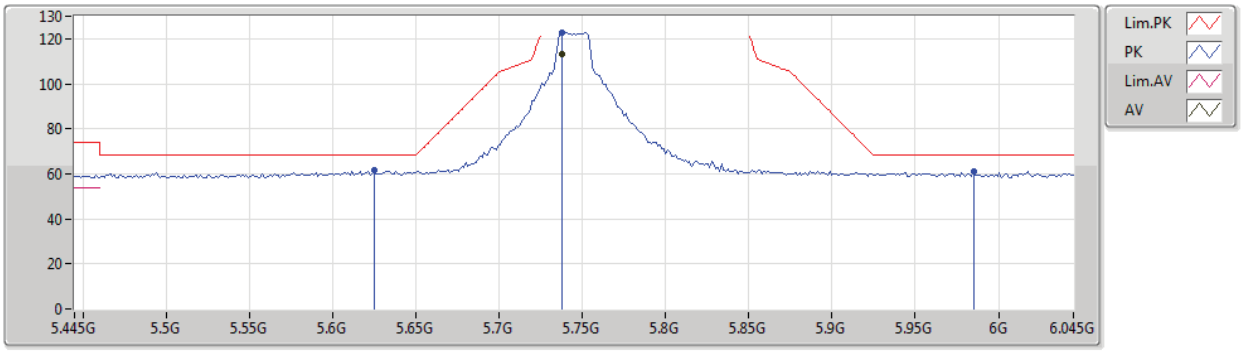
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

15/01/2020

5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7378G	112.99	Inf	-Inf	8.90	3	Vertical	338	1.50	-	104.09	31.88	6.38	29.36
PK	5.625G	61.40	68.20	-6.80	8.65	3	Vertical	338	1.50	-	52.75	31.73	6.29	29.37
PK	5.7378G	122.84	Inf	-Inf	8.90	3	Vertical	338	1.50	-	113.94	31.88	6.38	29.36
PK	5.985G	60.91	68.20	-7.29	9.51	3	Vertical	338	1.50	-	51.40	32.28	6.58	29.35

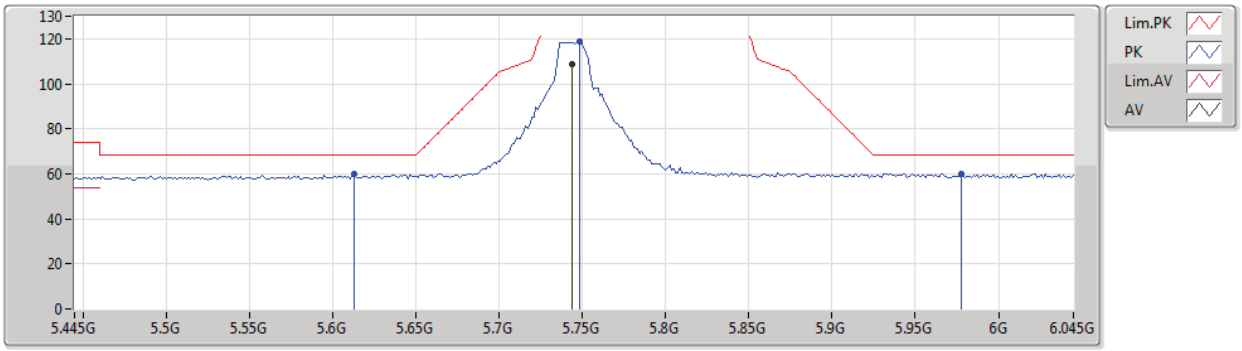
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5745MHz_TX

15/01/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7438G	108.74	Inf	-Inf	8.92	3	Horizontal	189	1.81	-	99.82	31.89	6.39	29.36
PK	5.613G	60.02	68.20	-8.18	8.62	3	Horizontal	189	1.81	-	51.40	31.71	6.28	29.37
PK	5.7486G	118.69	Inf	-Inf	8.93	3	Horizontal	189	1.81	-	109.76	31.90	6.39	29.36
PK	5.9778G	60.07	68.20	-8.13	9.50	3	Horizontal	189	1.81	-	50.57	32.28	6.57	29.35

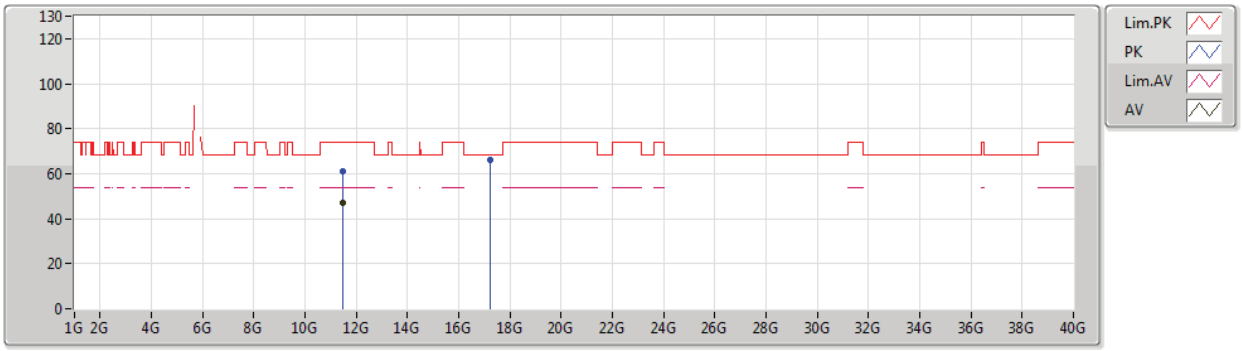
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

15/01/2020

5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.48886G	47.18	54.00	-6.82	18.17	3	Vertical	88	1.28	-	29.01	39.47	9.47	30.77
PK	11.48934G	60.82	74.00	-13.18	18.17	3	Vertical	88	1.28	-	42.65	39.47	9.47	30.77
PK	17.22468G	66.30	68.20	-1.90	21.39	3	Vertical	277	1.77	-	44.91	41.58	11.39	31.58

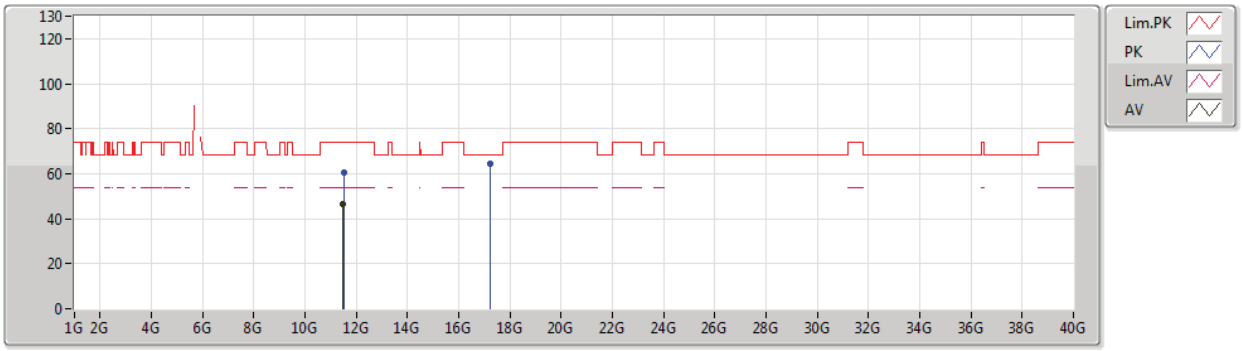
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

15/01/2020

5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.48646G	46.24	54.00	-7.76	18.17	3	Horizontal	321	1.74	-	28.07	39.47	9.47	30.77
PK	11.5014G	60.28	74.00	-13.72	18.16	3	Horizontal	321	1.74	-	42.12	39.45	9.48	30.77
PK	17.2494G	64.25	68.20	-3.95	21.58	3	Horizontal	277	2.29	-	42.67	41.75	11.40	31.57

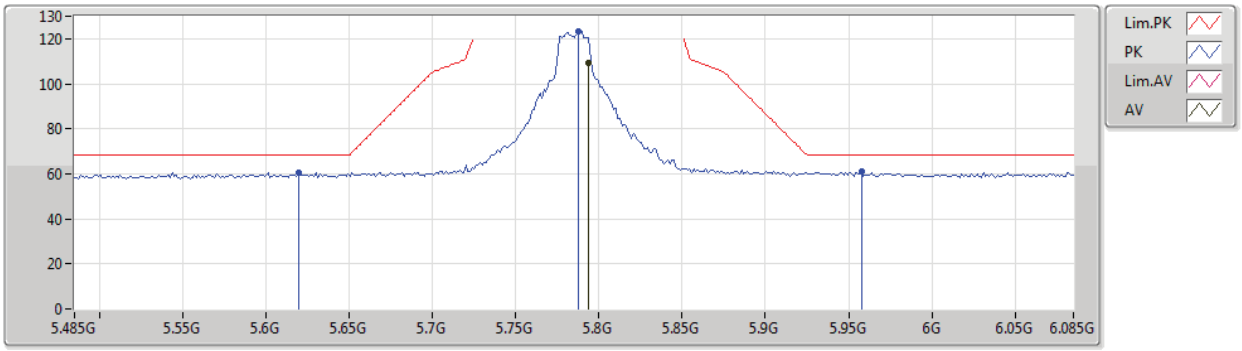
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

15/01/2020

5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7934G	109.54	Inf	-Inf	9.05	3	Vertical	135	1.42	-	100.49	31.99	6.42	29.36
PK	5.6194G	60.65	68.20	-7.55	8.64	3	Vertical	135	1.42	-	52.01	31.72	6.29	29.37
PK	5.7874G	123.33	Inf	-Inf	9.03	3	Vertical	135	1.42	-	114.30	31.97	6.42	29.36
PK	5.9578G	60.83	68.20	-7.37	9.47	3	Vertical	135	1.42	-	51.36	32.26	6.56	29.35

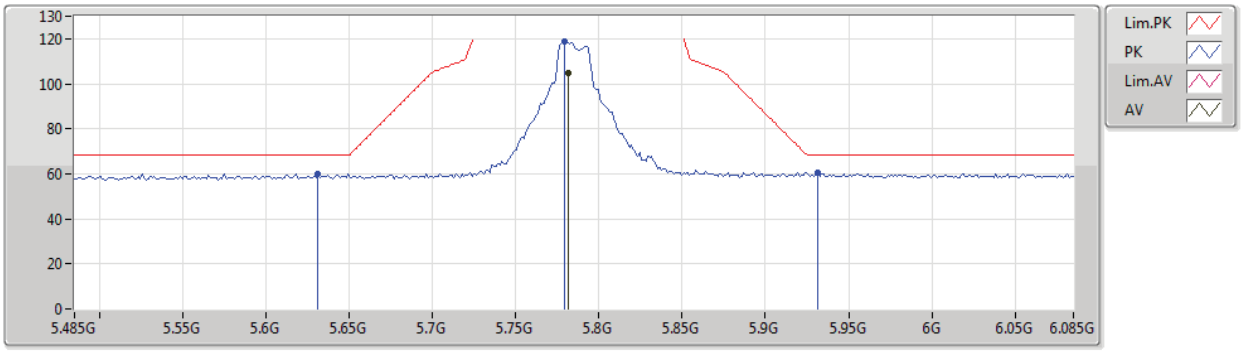
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

15/01/2020

5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7814G	104.74	Inf	-Inf	9.02	3	Horizontal	314	1.53	-	95.72	31.96	6.42	29.36
PK	5.6314G	59.91	68.20	-8.29	8.67	3	Horizontal	314	1.53	-	51.24	31.73	6.30	29.36
PK	5.779G	118.76	Inf	-Inf	9.01	3	Horizontal	314	1.53	-	109.75	31.96	6.41	29.36
PK	5.9314G	60.56	68.20	-7.64	9.42	3	Horizontal	314	1.53	-	51.14	32.23	6.54	29.35

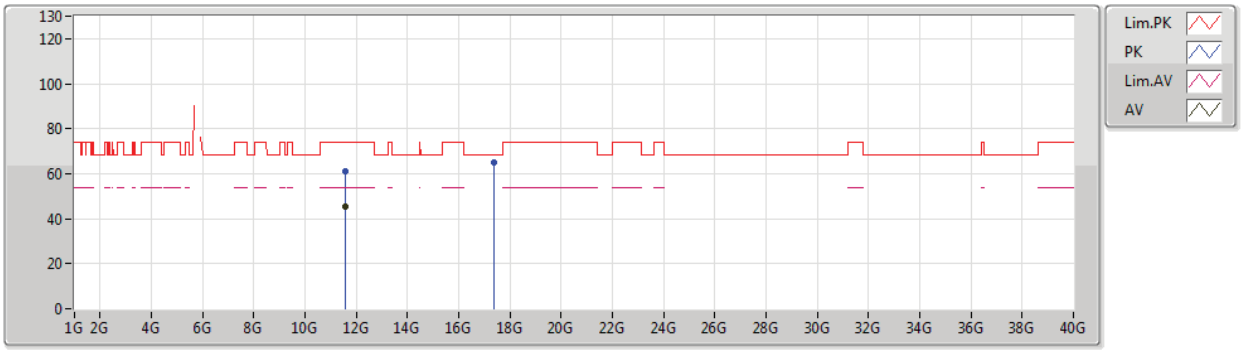
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

15/01/2020

5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.57042G	45.45	54.00	-8.55	18.08	3	Vertical	34	1.50	-	27.37	39.34	9.52	30.78
PK	11.56988G	61.30	74.00	-12.70	18.09	3	Vertical	34	1.50	-	43.21	39.35	9.52	30.78
PK	17.36658G	65.13	68.20	-3.07	22.45	3	Vertical	112	2.97	-	42.68	42.52	11.44	31.51

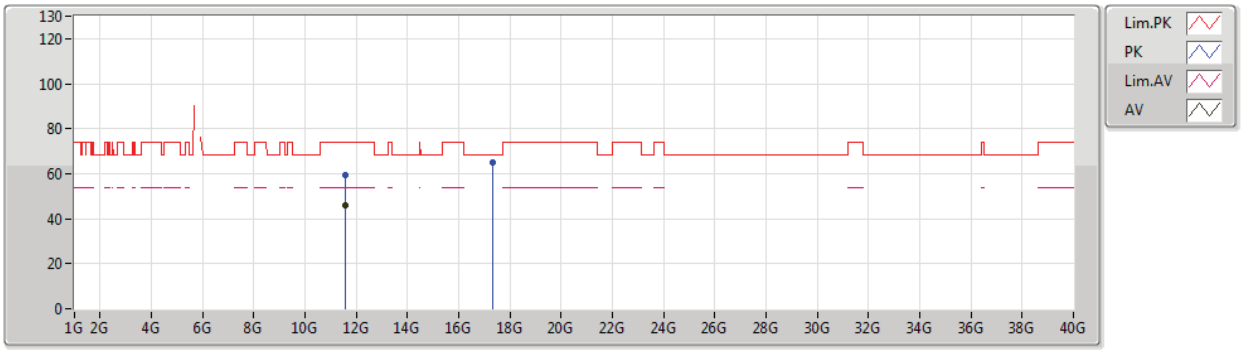
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

15/01/2020

5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.57018G	45.96	54.00	-8.04	18.08	3	Horizontal	327	2.53	-	27.88	39.34	9.52	30.78
PK	11.57114G	59.42	74.00	-14.58	18.08	3	Horizontal	327	2.53	-	41.34	39.34	9.52	30.78
PK	17.34744G	65.07	68.20	-3.13	22.30	3	Horizontal	309	2.02	-	42.77	42.39	11.43	31.52

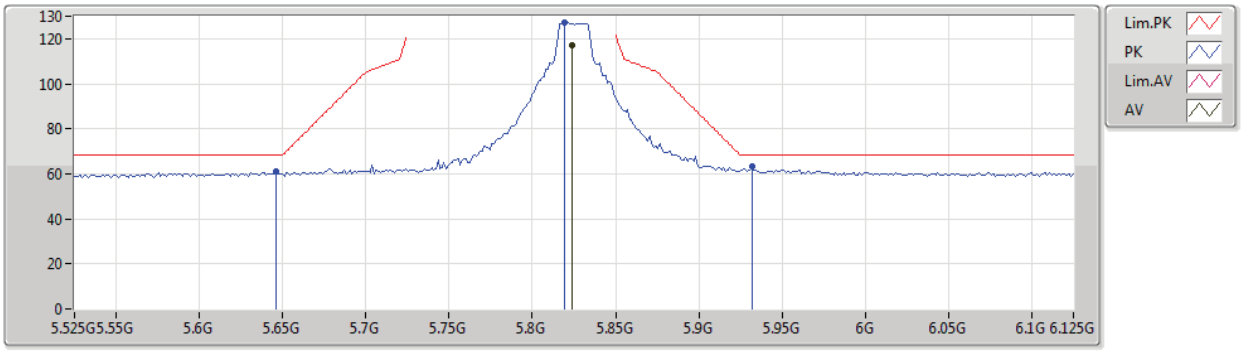
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

15/01/2020

5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.8238G	116.86	Inf	-Inf	9.14	3	Vertical	296	1.48	-	107.72	32.05	6.45	29.36
PK	5.6462G	61.06	68.20	-7.14	8.70	3	Vertical	296	1.48	-	52.36	31.75	6.31	29.36
PK	5.819G	127.35	Inf	-Inf	9.13	3	Vertical	296	1.48	-	118.22	32.04	6.45	29.36
PK	5.9318G	63.14	68.20	-5.06	9.42	3	Vertical	296	1.48	-	53.72	32.23	6.54	29.35

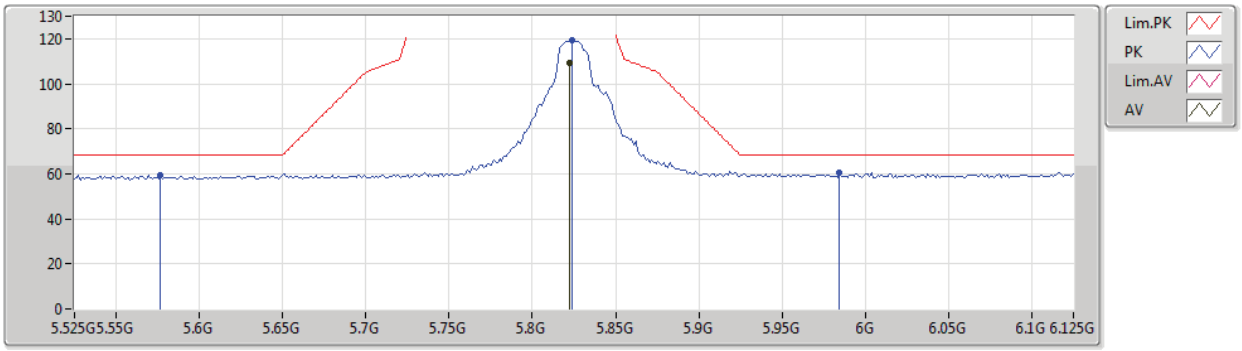
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

15/01/2020

5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.8226G	109.45	Inf	-Inf	9.14	3	Horizontal	316	1.49	-	100.31	32.05	6.45	29.36
PK	5.5766G	59.55	68.20	-8.65	8.63	3	Horizontal	316	1.49	-	50.92	31.75	6.25	29.37
PK	5.8238G	119.30	Inf	-Inf	9.14	3	Horizontal	316	1.49	-	110.16	32.05	6.45	29.36
PK	5.9846G	60.29	68.20	-7.91	9.51	3	Horizontal	316	1.49	-	50.78	32.28	6.58	29.35

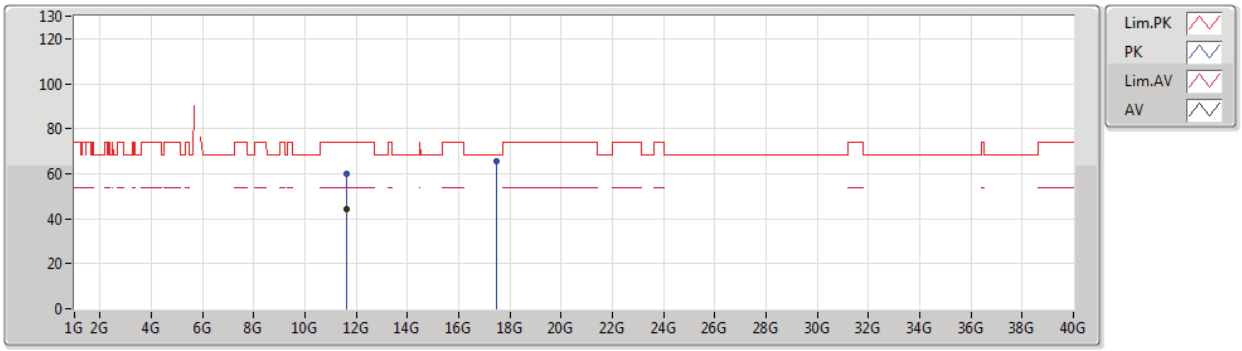
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

15/01/2020

5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.64574G	44.26	54.00	-9.74	18.02	3	Vertical	0	1.21	-	26.24	39.23	9.58	30.79
PK	11.64472G	59.92	74.00	-14.08	18.01	3	Vertical	0	1.21	-	41.91	39.23	9.57	30.79
PK	17.48742G	65.43	68.20	-2.77	23.35	3	Vertical	246	2.99	-	42.08	43.32	11.48	31.45

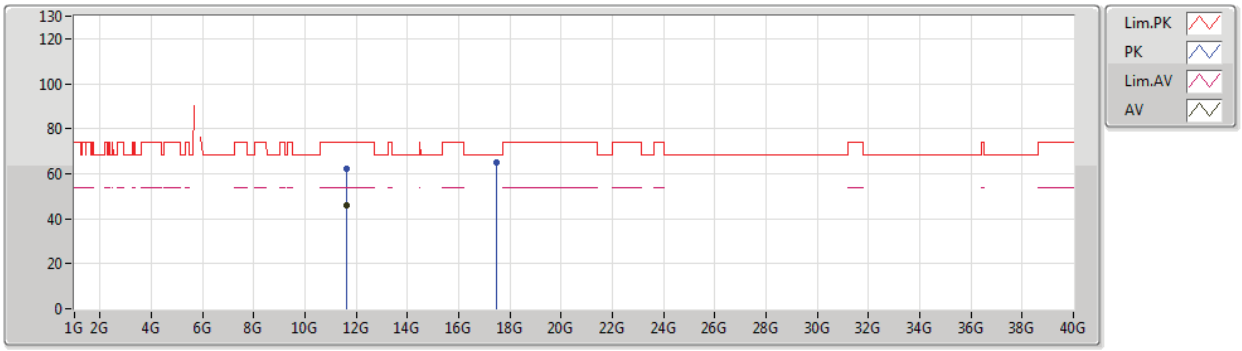
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

15/01/2020

5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.64484G	45.78	54.00	-8.22	18.01	3	Horizontal	269	2.31	-	27.77	39.23	9.57	30.79
PK	11.64544G	62.11	74.00	-11.89	18.02	3	Horizontal	269	2.31	-	44.09	39.23	9.58	30.79
PK	17.47122G	64.75	68.20	-3.45	23.24	3	Horizontal	234	1.50	-	41.51	43.21	11.48	31.45

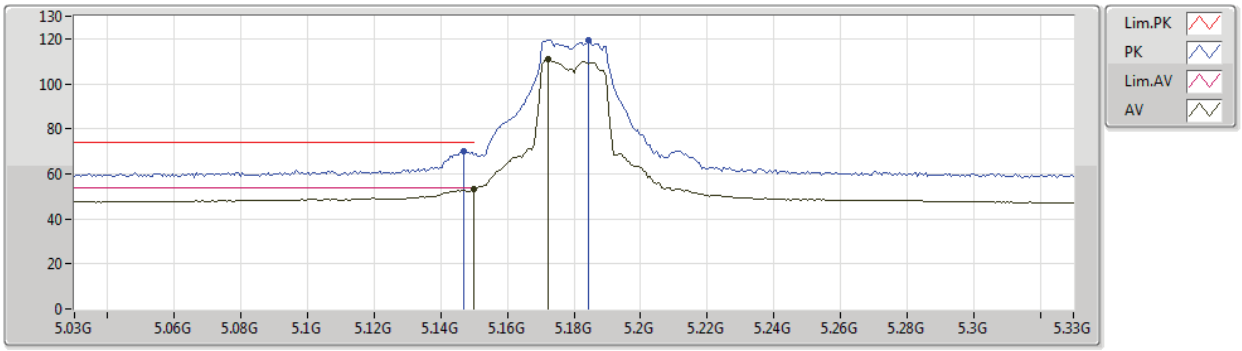
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5180MHz_TX

15/02/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	53.07	54.00	-0.93	8.37	3	Vertical	10	1.50	-	44.70	31.70	6.00	29.33
AV	5.1722G	110.86	Inf	-Inf	8.33	3	Vertical	10	1.50	-	102.53	31.66	6.01	29.34
PK	5.147G	70.17	74.00	-3.83	8.38	3	Vertical	10	1.50	-	61.79	31.71	6.00	29.33
PK	5.1842G	119.43	Inf	-Inf	8.31	3	Vertical	10	1.50	-	111.12	31.63	6.02	29.34

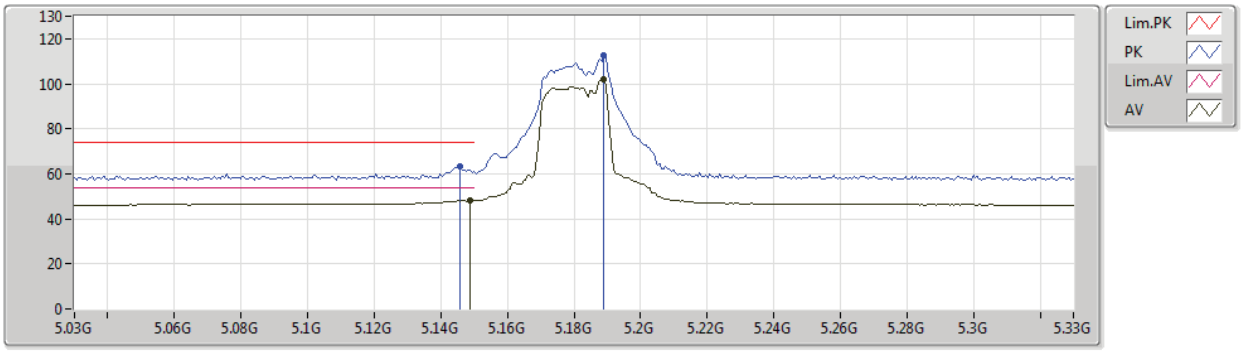
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5180MHz_TX

15/02/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1488G	48.25	54.00	-5.75	8.37	3	Horizontal	4	1.50	-	39.88	31.70	6.00	29.33
AV	5.189G	101.82	Inf	-Inf	8.30	3	Horizontal	4	1.50	-	93.52	31.62	6.02	29.34
PK	5.1458G	63.14	74.00	-10.86	8.38	3	Horizontal	4	1.50	-	54.76	31.71	6.00	29.33
PK	5.189G	112.67	Inf	-Inf	8.30	3	Horizontal	4	1.50	-	104.37	31.62	6.02	29.34

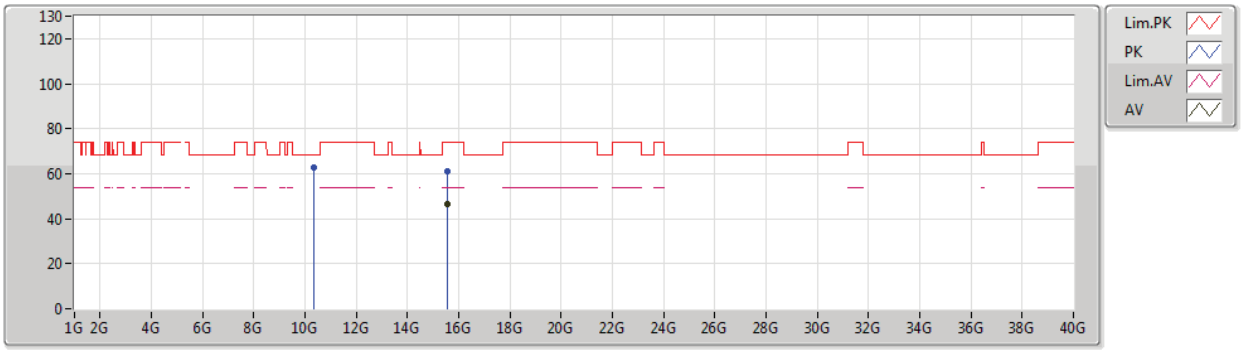
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5180MHz_TX

15/02/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.53508G	46.65	54.00	-7.35	17.55	3	Vertical	6	2.97	-	29.10	38.60	10.81	31.86
PK	10.36222G	62.68	68.20	-5.52	17.55	3	Vertical	10	1.37	-	45.13	39.37	8.70	30.52
PK	15.54192G	61.27	74.00	-12.73	17.52	3	Vertical	6	2.97	-	43.75	38.57	10.81	31.86

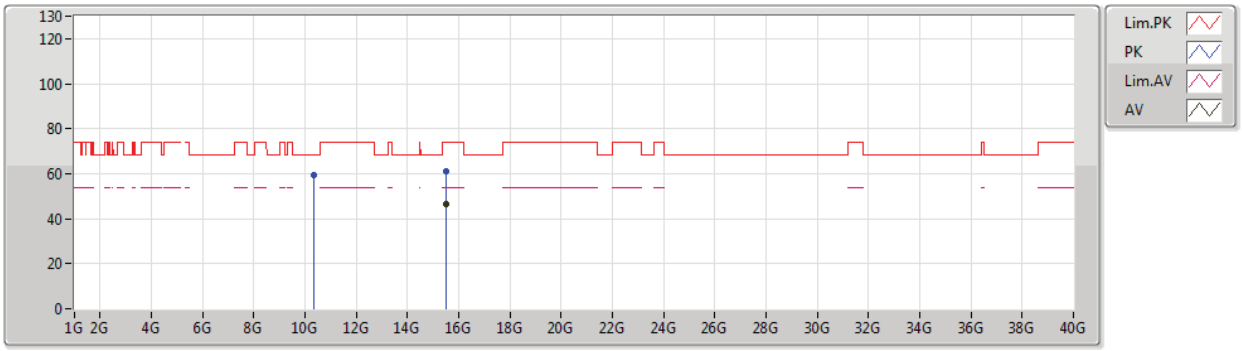
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

15/02/2020

5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.5268G	46.67	54.00	-7.33	17.58	3	Horizontal	230	1.50	-	29.09	38.63	10.81	31.86
PK	10.36222G	59.52	68.20	-8.68	17.55	3	Horizontal	295	1.59	-	41.97	39.37	8.70	30.52
PK	15.53226G	60.96	74.00	-13.04	17.56	3	Horizontal	230	1.50	-	43.40	38.61	10.81	31.86

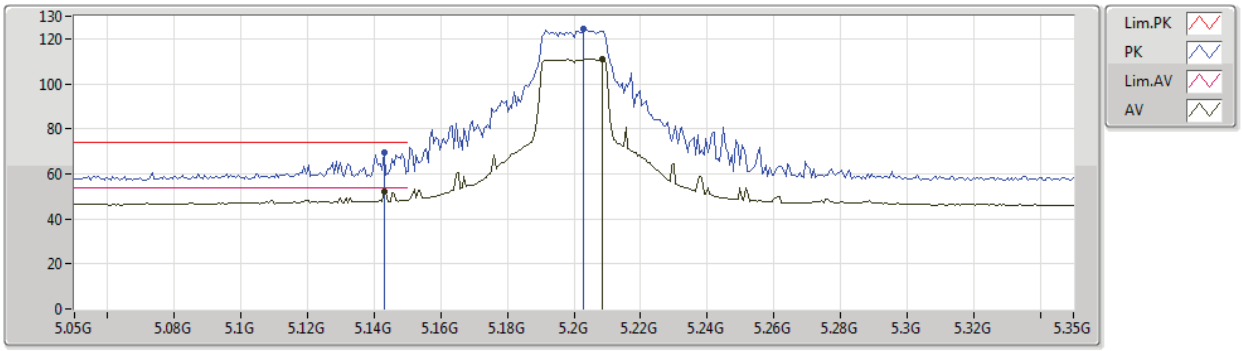
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5200MHz_TX

08/02/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.143G	52.27	54.00	-1.73	8.38	3	Vertical	10	1.50	-	43.89	31.71	6.00	29.33
AV	5.2084G	110.97	Inf	-Inf	8.26	3	Vertical	10	1.50	-	102.71	31.57	6.03	29.34
PK	5.143G	69.57	74.00	-4.43	8.38	3	Vertical	10	1.50	-	61.19	31.71	6.00	29.33
PK	5.203G	124.41	Inf	-Inf	8.28	3	Vertical	10	1.50	-	116.13	31.59	6.03	29.34

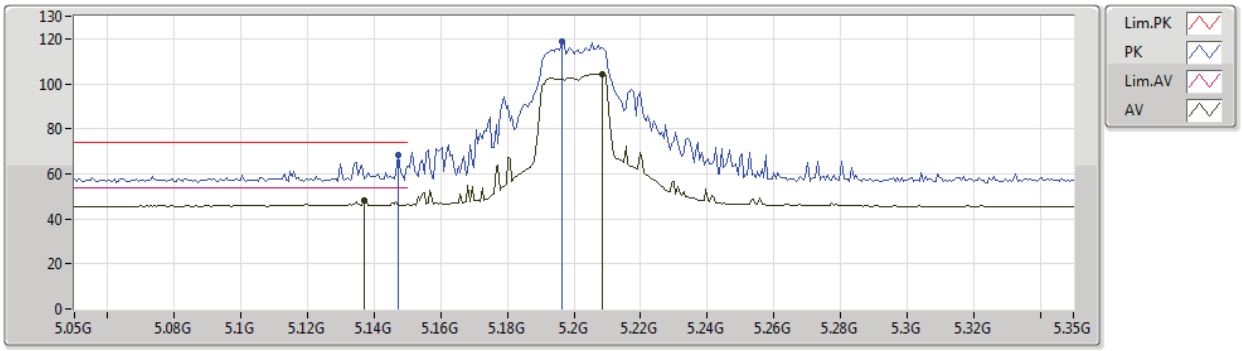
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5200MHz_TX

08/02/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.137G	48.31	54.00	-5.69	8.39	3	Horizontal	143	1.42	-	39.92	31.73	5.99	29.33
AV	5.2084G	104.46	Inf	-Inf	8.26	3	Horizontal	143	1.42	-	96.20	31.57	6.03	29.34
PK	5.1472G	68.10	74.00	-5.90	8.38	3	Horizontal	143	1.42	-	59.72	31.71	6.00	29.33
PK	5.1964G	118.69	Inf	-Inf	8.30	3	Horizontal	143	1.42	-	110.39	31.61	6.03	29.34

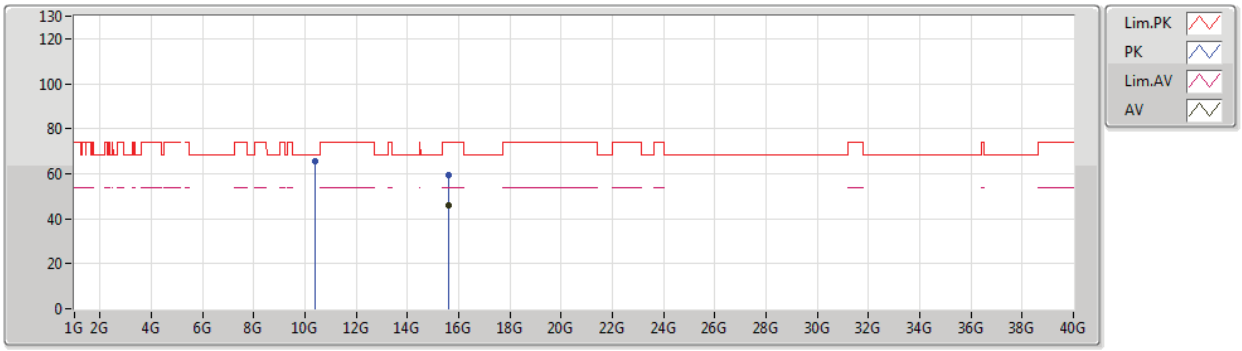
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5200MHz_TX

08/02/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.58638G	45.71	54.00	-8.29	17.34	3	Vertical	51	1.88	-	28.37	38.38	10.83	31.87
PK	10.40252G	65.65	68.20	-2.55	17.60	3	Vertical	180	1.49	-	48.05	39.42	8.72	30.54
PK	15.58656G	59.29	74.00	-14.71	17.34	3	Vertical	51	1.88	-	41.95	38.38	10.83	31.87

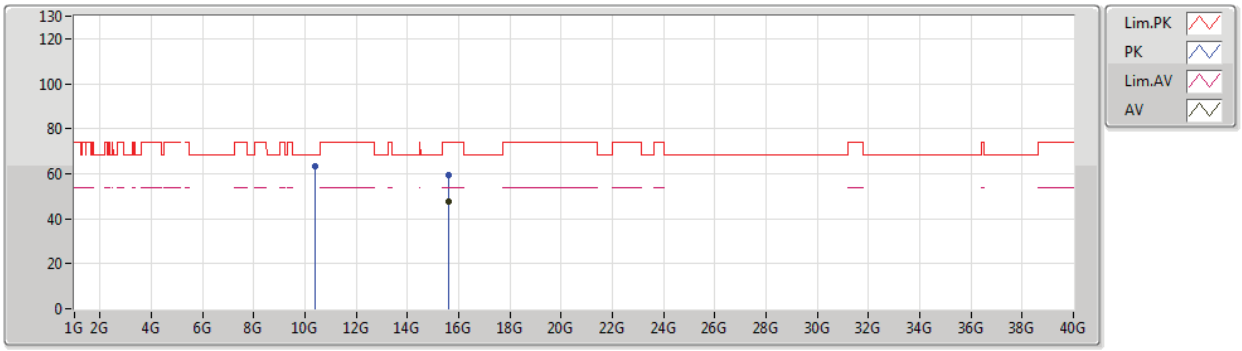
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5200MHz_TX

08/02/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.58656G	47.70	54.00	-8.30	17.34	3	Horizontal	19	1.16	-	28.36	38.38	10.83	31.87
PK	10.39874G	63.20	68.20	-5.00	17.60	3	Horizontal	208	1.23	-	45.60	39.42	8.72	30.54
PK	15.60786G	59.67	74.00	-14.33	17.26	3	Horizontal	19	1.16	-	42.41	38.29	10.84	31.87

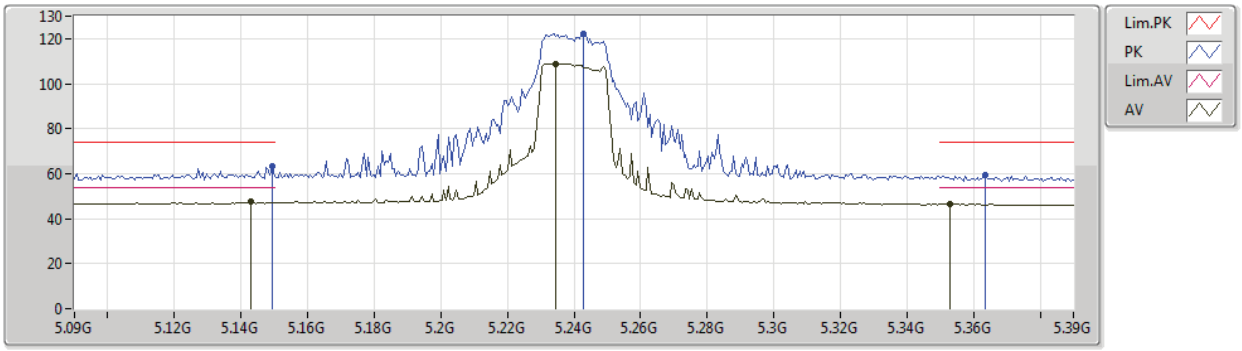
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TX

08/02/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1428G	47.37	54.00	-6.63	8.38	3	Vertical	15	1.50	-	38.99	31.71	6.00	29.33
AV	5.2346G	108.87	Inf	-Inf	8.21	3	Vertical	15	1.50	-	100.66	31.50	6.05	29.34
AV	5.3528G	46.66	54.00	-7.34	8.16	3	Vertical	15	1.50	-	38.50	31.41	6.11	29.36
PK	5.1494G	63.08	74.00	-10.92	8.37	3	Vertical	15	1.50	-	54.71	31.70	6.00	29.33
PK	5.243G	122.18	Inf	-Inf	8.18	3	Vertical	15	1.50	-	114.00	31.47	6.05	29.34
PK	5.3636G	59.38	74.00	-14.62	8.19	3	Vertical	15	1.50	-	51.19	31.43	6.12	29.36

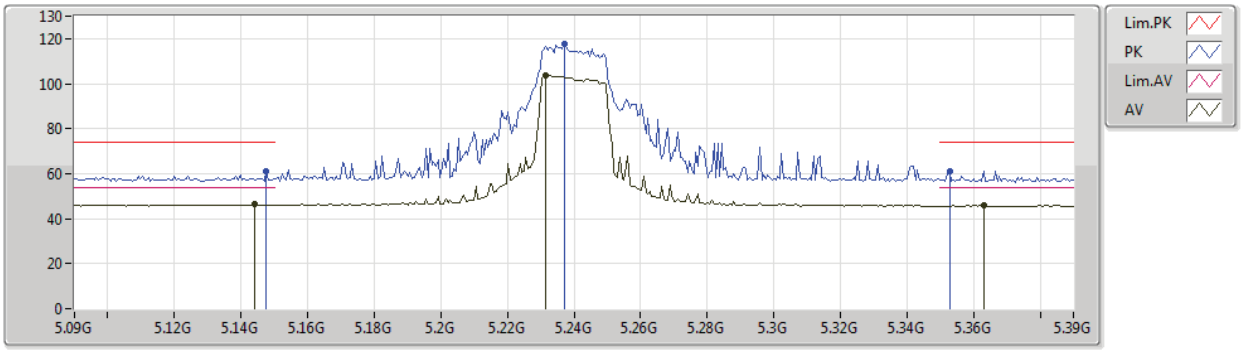
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TX

08/02/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.144G	46.24	54.00	-7.76	8.38	3	Horizontal	148	1.63	-	37.86	31.71	6.00	29.33
AV	5.2316G	103.91	Inf	-Inf	8.22	3	Horizontal	148	1.63	-	95.69	31.51	6.05	29.34
AV	5.363G	45.80	54.00	-8.20	8.19	3	Horizontal	148	1.63	-	37.61	31.43	6.12	29.36
PK	5.1476G	60.97	74.00	-13.03	8.37	3	Horizontal	148	1.63	-	52.60	31.70	6.00	29.33
PK	5.237G	117.62	Inf	-Inf	8.20	3	Horizontal	148	1.63	-	109.42	31.49	6.05	29.34
PK	5.3528G	61.28	74.00	-12.72	8.16	3	Horizontal	148	1.63	-	53.12	31.41	6.11	29.36

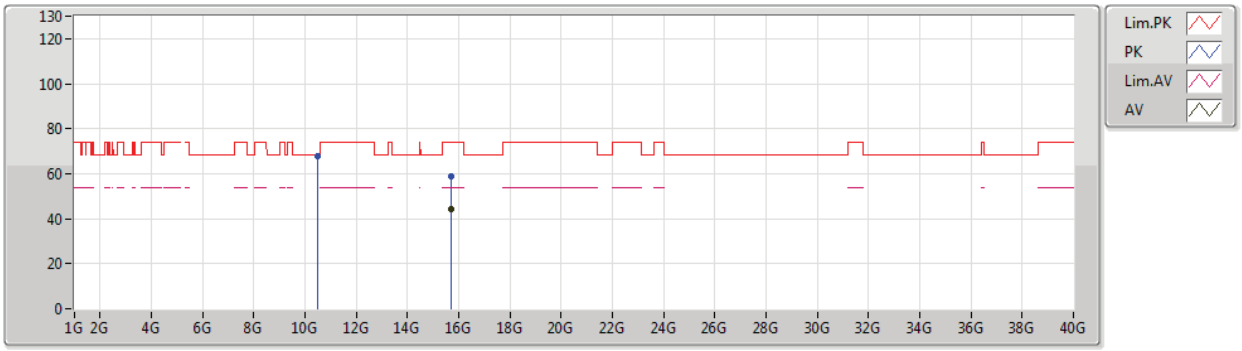
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TX

08/02/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.70752G	44.46	54.00	-9.54	16.84	3	Vertical	275	2.16	-	27.62	37.86	10.88	31.90
PK	10.47652G	68.05	68.20	-0.15	17.72	3	Vertical	95	1.50	-	50.33	39.52	8.77	30.57
PK	15.7146G	58.57	74.00	-15.43	16.81	3	Vertical	275	2.16	-	41.76	37.83	10.88	31.90

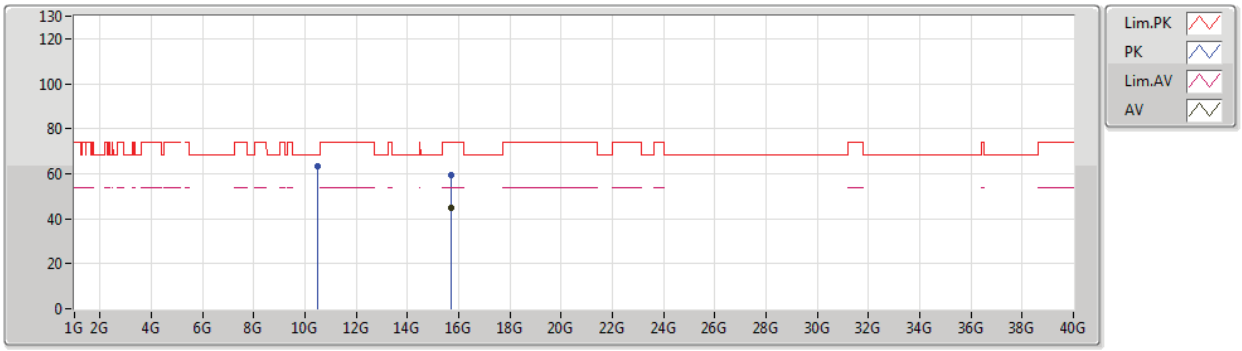
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TX

08/02/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.71646G	44.61	54.00	-9.39	16.80	3	Horizontal	121	1.22	-	27.81	37.82	10.88	31.90
PK	10.47658G	63.26	68.20	-4.94	17.72	3	Horizontal	335	1.50	-	45.54	39.52	8.77	30.57
PK	15.71646G	59.42	74.00	-14.58	16.80	3	Horizontal	121	1.22	-	42.62	37.82	10.88	31.90

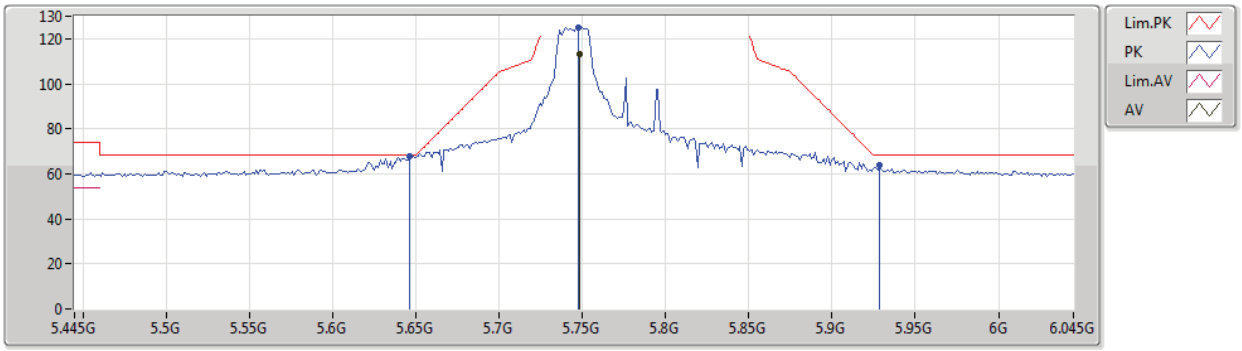
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

19/01/2020

5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7486G	112.92	Inf	-Inf	8.93	3	Vertical	341	1.49	-	103.99	31.90	6.39	29.36
PK	5.6466G	68.07	68.20	-0.13	8.70	3	Vertical	341	1.49	-	59.37	31.75	6.31	29.36
PK	5.7474G	125.18	Inf	-Inf	8.92	3	Vertical	341	1.49	-	116.26	31.89	6.39	29.36
PK	5.9286G	63.95	68.20	-4.25	9.41	3	Vertical	341	1.49	-	54.54	32.23	6.53	29.35

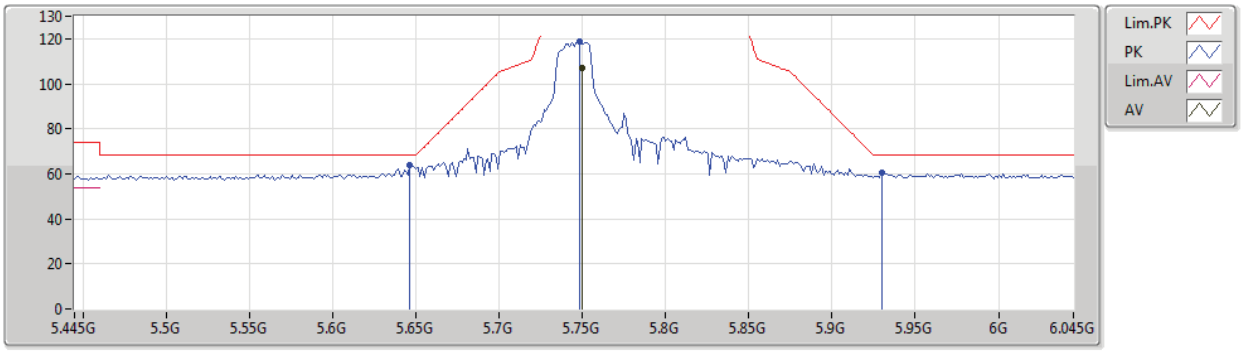
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz_TX

19/01/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7498G	106.78	Inf	-Inf	8.93	3	Horizontal	196	1.60	-	97.85	31.90	6.39	29.36
PK	5.6466G	63.73	68.20	-4.47	8.70	3	Horizontal	196	1.60	-	55.03	31.75	6.31	29.36
PK	5.7486G	118.72	Inf	-Inf	8.93	3	Horizontal	196	1.60	-	109.79	31.90	6.39	29.36
PK	5.9298G	60.45	68.20	-7.75	9.41	3	Horizontal	196	1.60	-	51.04	32.23	6.53	29.35

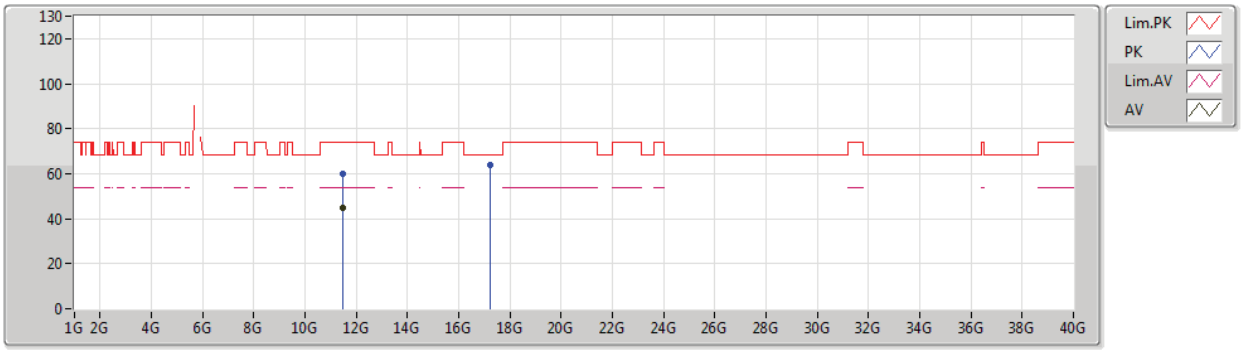
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz_TX

19/01/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.49744G	44.64	54.00	-9.36	18.15	3	Vertical	82	1.50	-	26.49	39.45	9.47	30.77
PK	11.499G	59.86	74.00	-14.14	18.15	3	Vertical	82	1.50	-	41.71	39.45	9.47	30.77
PK	17.24274G	63.78	68.20	-4.42	21.53	3	Vertical	252	1.50	-	42.25	41.70	11.40	31.57

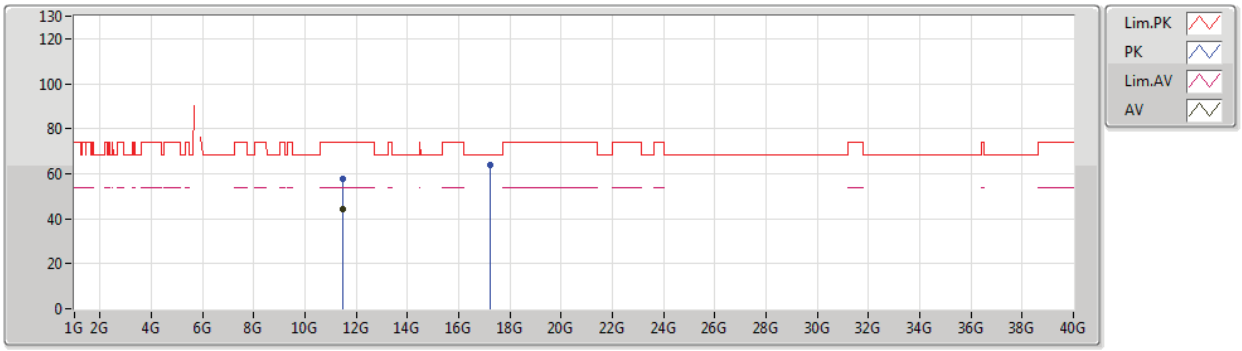
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz_TX

19/01/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.49018G	44.18	54.00	-9.82	18.16	3	Horizontal	324	1.59	-	26.02	39.46	9.47	30.77
PK	11.49336G	57.80	74.00	-16.20	18.16	3	Horizontal	324	1.59	-	39.64	39.46	9.47	30.77
PK	17.24934G	63.75	68.20	-4.45	21.58	3	Horizontal	197	1.86	-	42.17	41.75	11.40	31.57

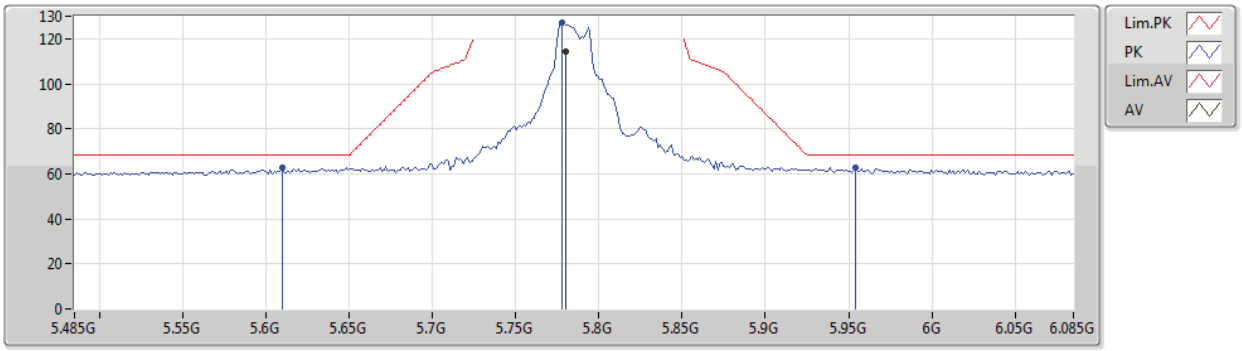
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5785MHz_TX

19/01/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7802G	114.58	Inf	-Inf	9.01	3	Vertical	349	1.90	-	105.57	31.96	6.41	29.36
PK	5.6098G	62.59	68.20	-5.61	8.62	3	Vertical	349	1.90	-	53.97	31.71	6.28	29.37
PK	5.7778G	127.43	Inf	-Inf	9.01	3	Vertical	349	1.90	-	118.42	31.96	6.41	29.36
PK	5.9542G	62.61	68.20	-5.59	9.45	3	Vertical	349	1.90	-	53.16	32.25	6.55	29.35

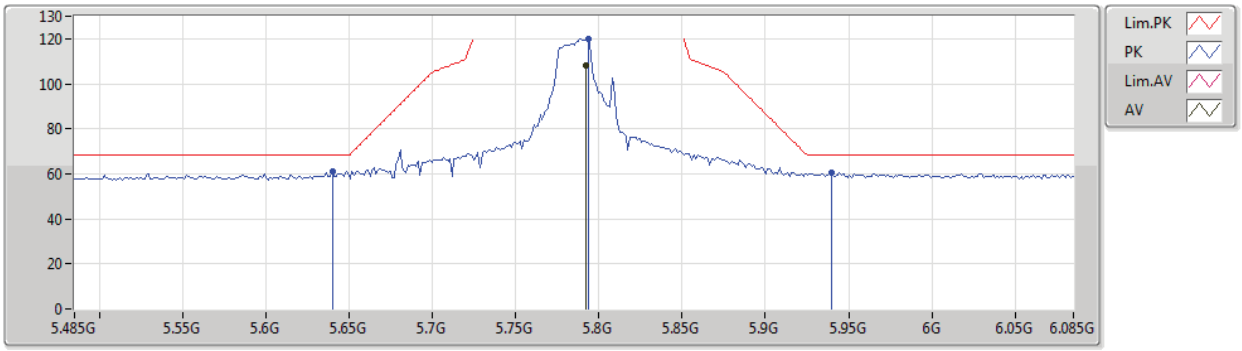
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

19/01/2020

5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7922G	107.87	Inf	-Inf	9.04	3	Horizontal	194	1.47	-	98.83	31.98	6.42	29.36
PK	5.6398G	61.22	68.20	-6.98	8.68	3	Horizontal	194	1.47	-	52.54	31.74	6.30	29.36
PK	5.7934G	120.04	Inf	-Inf	9.05	3	Horizontal	194	1.47	-	110.99	31.99	6.42	29.36
PK	5.9398G	60.44	68.20	-7.76	9.43	3	Horizontal	194	1.47	-	51.01	32.24	6.54	29.35

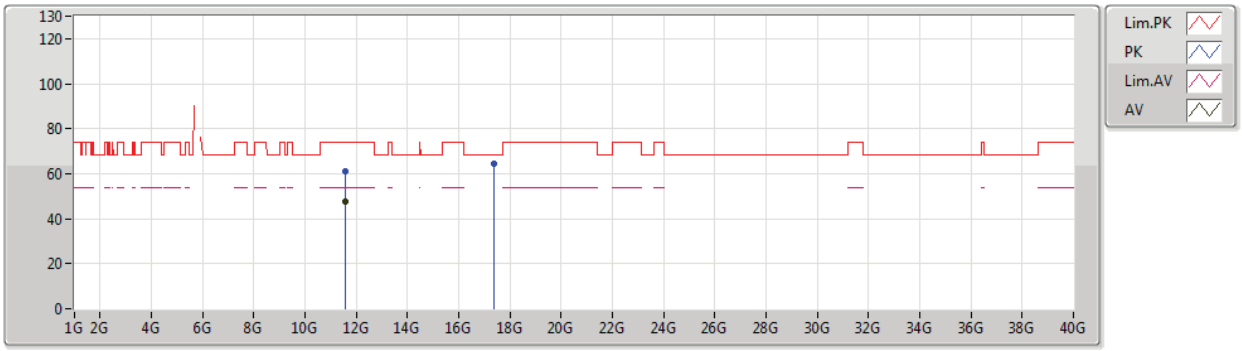
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

19/01/2020

5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.56946G	47.46	54.00	-6.54	18.09	3	Vertical	82	1.45	-	29.37	39.35	9.52	30.78
PK	11.56916G	60.91	74.00	-13.09	18.09	3	Vertical	82	1.45	-	42.82	39.35	9.52	30.78
PK	17.35884G	64.28	68.20	-3.92	22.40	3	Vertical	312	1.50	-	41.88	42.47	11.44	31.51

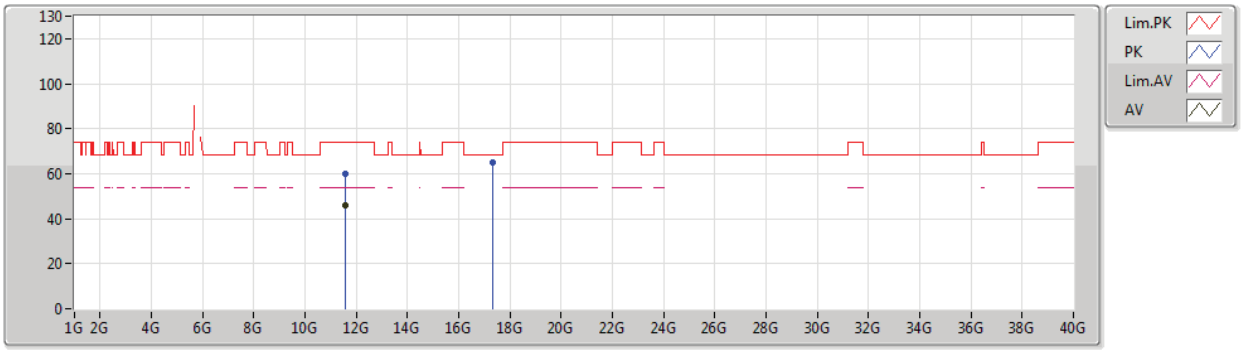
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

19/01/2020

5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.57372G	45.93	54.00	-8.07	18.09	3	Horizontal	283	1.66	-	27.84	39.34	9.53	30.78
PK	11.5718G	59.88	74.00	-14.12	18.08	3	Horizontal	283	1.66	-	41.80	39.34	9.52	30.78
PK	17.3508G	64.80	68.20	-3.40	22.35	3	Horizontal	118	2.02	-	42.45	42.42	11.44	31.51

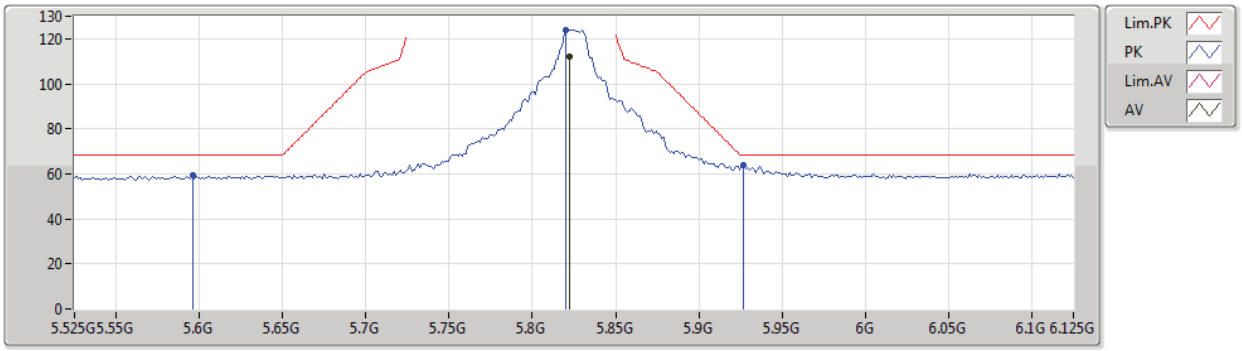
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5825MHz_TX

19/01/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.8223G	112.09	Inf	-Inf	9.13	3	Vertical	309	1.74	-	102.96	32.04	6.45	29.36
PK	5.5958G	59.53	68.20	-8.67	8.61	3	Vertical	309	1.74	-	50.92	31.71	6.27	29.37
PK	5.8202G	124.04	Inf	-Inf	9.13	3	Vertical	309	1.74	-	114.91	32.04	6.45	29.36
PK	5.927G	64.12	68.20	-4.08	9.41	3	Vertical	309	1.74	-	54.71	32.23	6.53	29.35

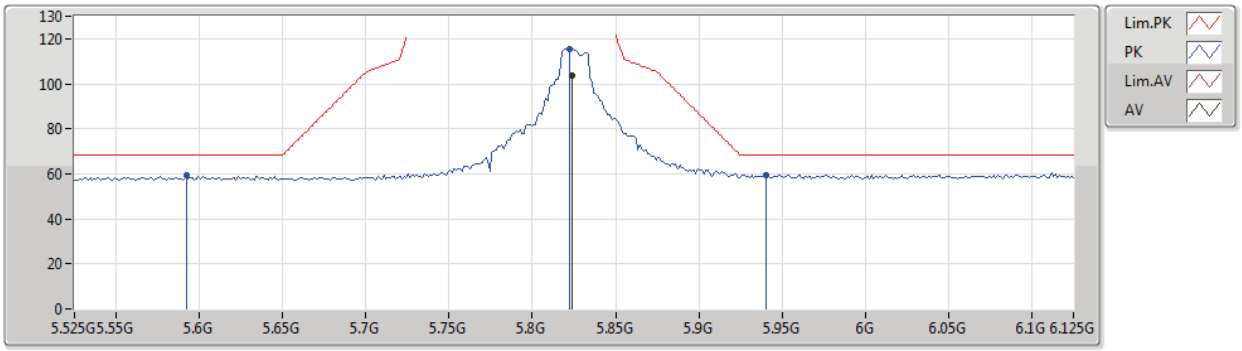
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5825MHz_TX

19/01/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.8241G	103.66	Inf	-Inf	9.14	3	Horizontal	267	1.54	-	94.52	32.05	6.45	29.36
PK	5.5922G	59.30	68.20	-8.90	8.61	3	Horizontal	267	1.54	-	50.69	31.72	6.26	29.37
PK	5.8226G	115.58	Inf	-Inf	9.14	3	Horizontal	267	1.54	-	106.44	32.05	6.45	29.36
PK	5.9402G	59.67	68.20	-8.53	9.43	3	Horizontal	267	1.54	-	50.24	32.24	6.54	29.35

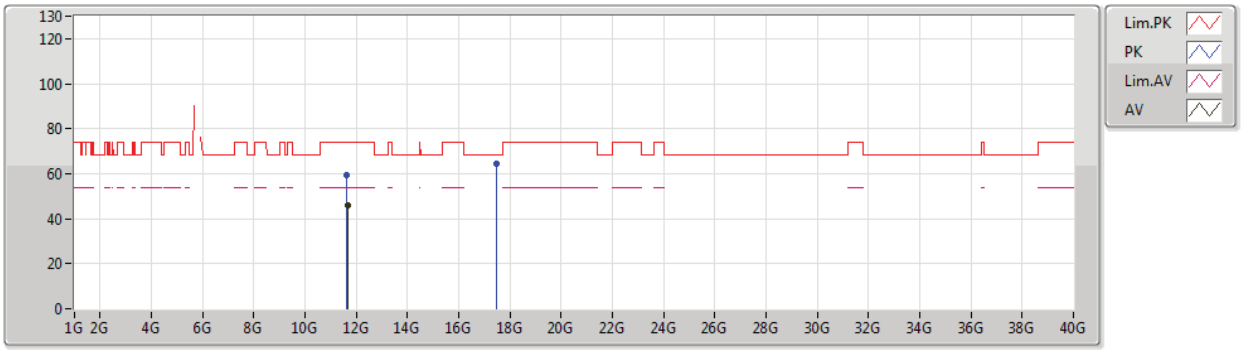
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

19/01/2020

5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.6503G	46.20	54.00	-7.80	18.01	3	Vertical	68	1.45	-	28.19	39.22	9.58	30.79
PK	11.64418G	59.57	74.00	-14.43	18.01	3	Vertical	68	1.45	-	41.56	39.23	9.57	30.79
PK	17.4675G	64.62	68.20	-3.58	23.20	3	Vertical	35	1.43	-	41.42	43.19	11.47	31.46

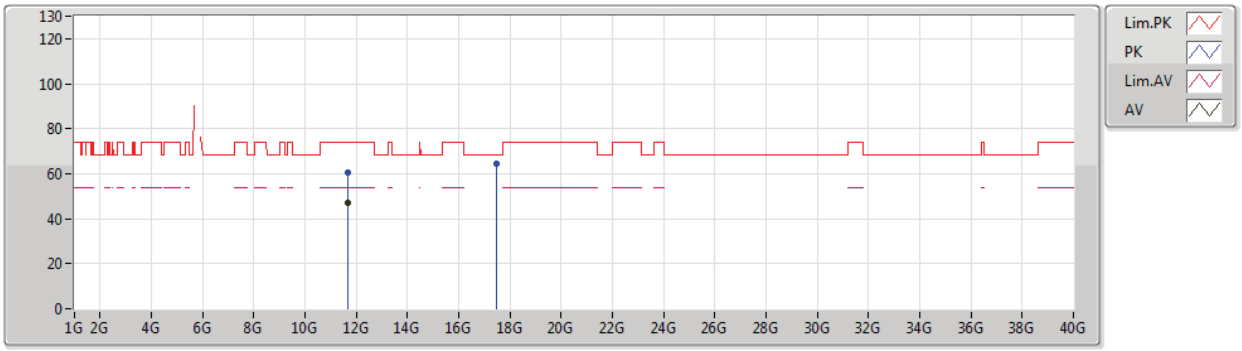
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

19/01/2020

5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.6539G	46.83	54.00	-7.17	18.01	3	Horizontal	325	2.60	-	28.82	39.22	9.58	30.79
PK	11.6551G	60.29	74.00	-13.71	18.01	3	Horizontal	325	2.60	-	42.28	39.22	9.58	30.79
PK	17.4828G	64.41	68.20	-3.79	23.32	3	Horizontal	163	2.43	-	41.09	43.29	11.48	31.45

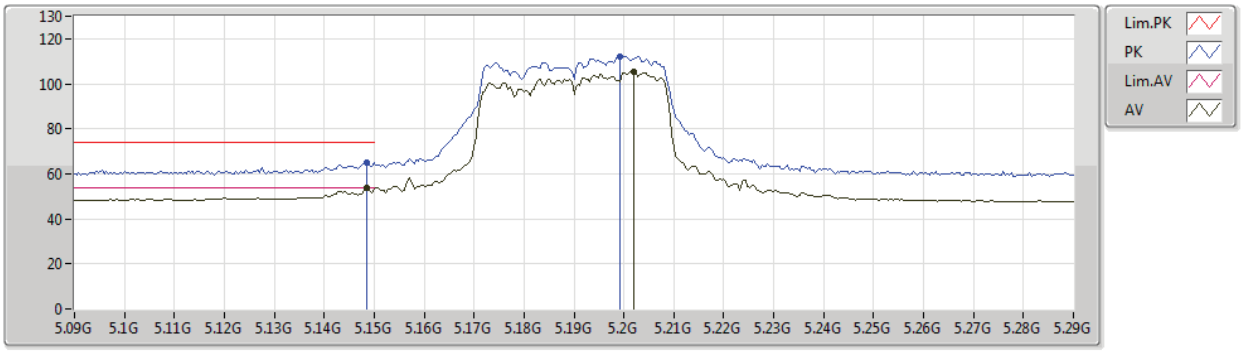
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

02/03/2020

5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1484G	53.70	54.00	-0.30	8.37	3	Vertical	340	1.70	-	45.33	31.70	6.00	29.33
AV	5.202G	105.56	Inf	-Inf	8.28	3	Vertical	340	1.70	-	97.28	31.59	6.03	29.34
PK	5.1484G	65.06	74.00	-8.94	8.37	3	Vertical	340	1.70	-	56.69	31.70	6.00	29.33
PK	5.1992G	112.12	Inf	-Inf	8.29	3	Vertical	340	1.70	-	103.83	31.60	6.03	29.34

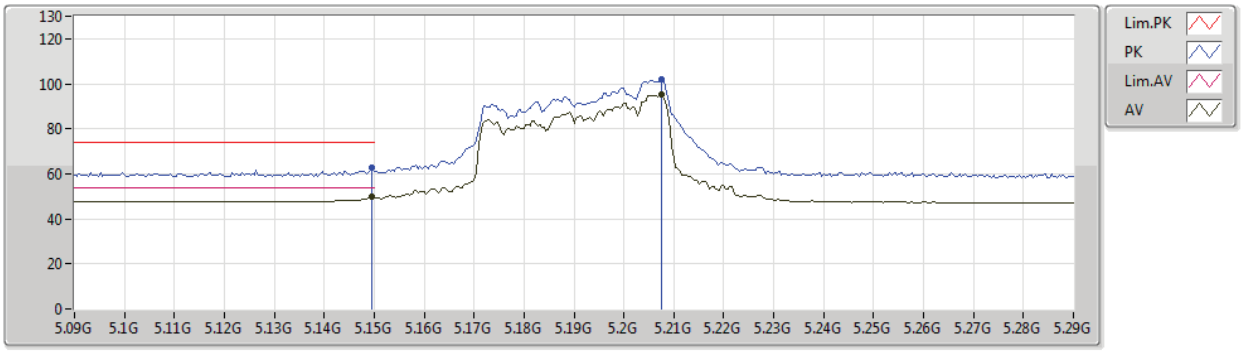
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

02/03/2020

5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1496G	49.79	54.00	-4.21	8.37	3	Horizontal	140	1.50	-	41.42	31.70	6.00	29.33
AV	5.2076G	95.47	Inf	-Inf	8.27	3	Horizontal	140	1.50	-	87.20	31.58	6.03	29.34
PK	5.1496G	62.81	74.00	-11.19	8.37	3	Horizontal	140	1.50	-	54.44	31.70	6.00	29.33
PK	5.2076G	101.83	Inf	-Inf	8.27	3	Horizontal	140	1.50	-	93.56	31.58	6.03	29.34

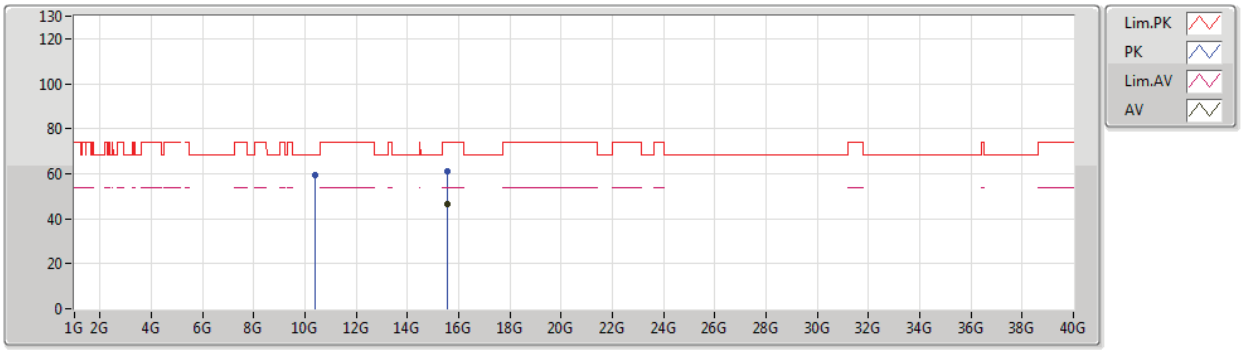
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

03/03/2020

5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.56568G	46.34	54.00	-7.66	17.43	3	Vertical	243	2.27	-	28.91	38.47	10.82	31.86
PK	10.3856G	59.48	68.20	-8.72	17.58	3	Vertical	11	1.39	-	41.90	39.40	8.71	30.53
PK	15.56742G	60.80	74.00	-13.20	17.42	3	Vertical	243	2.27	-	43.38	38.46	10.82	31.86

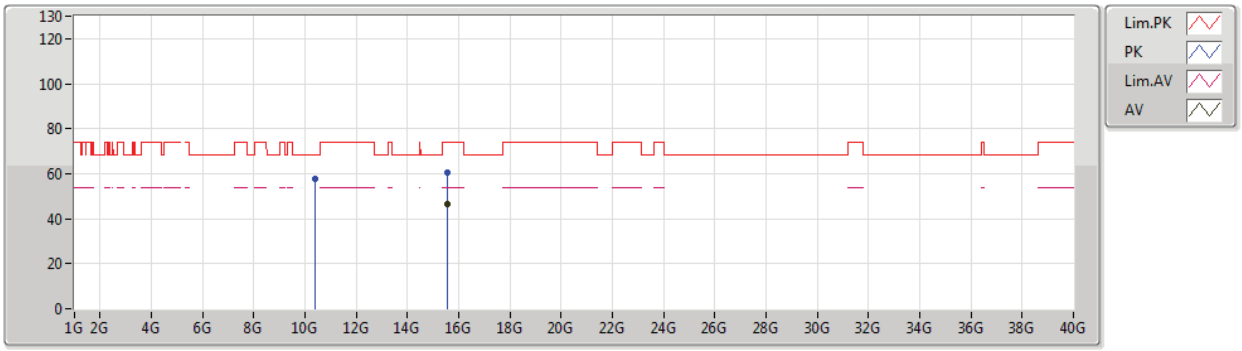
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

03/03/2020

5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.57522G	46.39	54.00	-7.61	17.38	3	Horizontal	13	1.50	-	29.01	38.43	10.82	31.87
PK	10.38G	57.96	68.20	-10.24	17.57	3	Horizontal	212	1.47	-	40.39	39.39	8.71	30.53
PK	15.55584G	60.41	74.00	-13.59	17.47	3	Horizontal	13	1.50	-	42.94	38.51	10.82	31.86

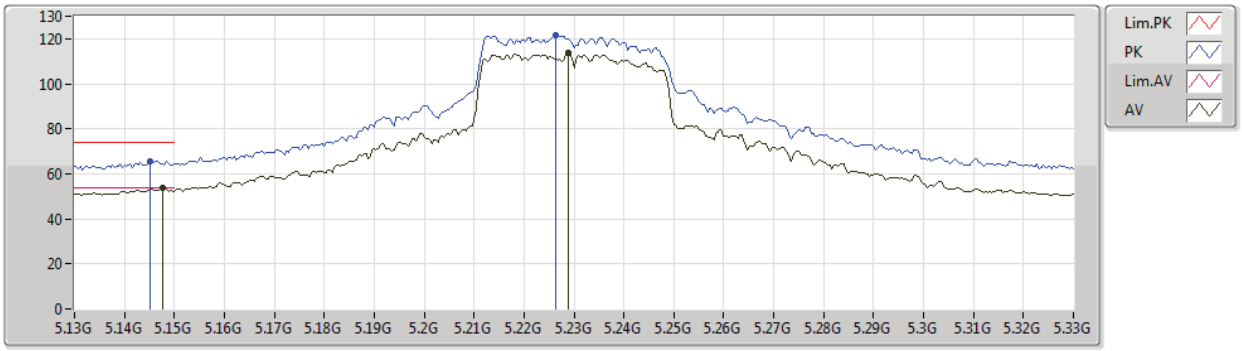
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

02/03/2020

5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1476G	53.53	54.00	-0.47	8.37	3	Vertical	13	1.47	-	45.16	31.70	6.00	29.33
AV	5.2288G	113.92	Inf	-Inf	8.21	3	Vertical	13	1.47	-	105.71	31.51	6.04	29.34
PK	5.1452G	65.83	74.00	-8.17	8.38	3	Vertical	13	1.47	-	57.45	31.71	6.00	29.33
PK	5.2264G	121.39	Inf	-Inf	8.22	3	Vertical	13	1.47	-	113.17	31.52	6.04	29.34

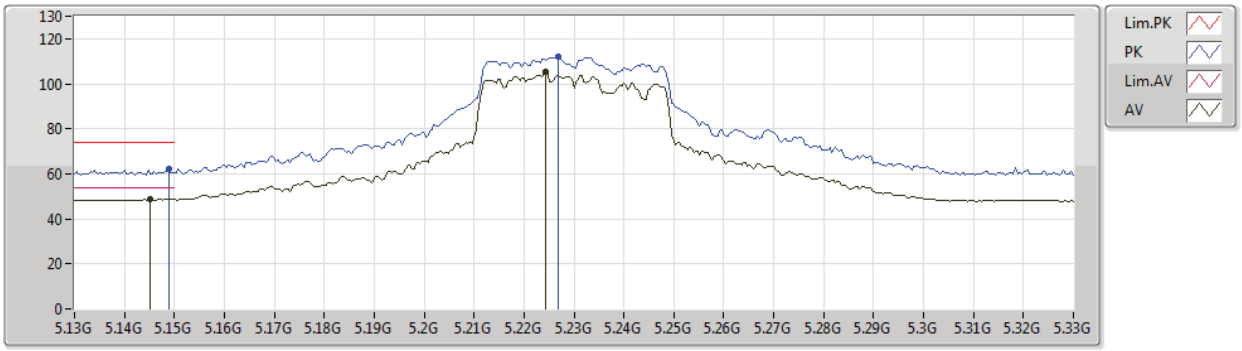
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

02/03/2020

5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1452G	48.82	54.00	-5.18	8.38	3	Horizontal	176	2.20	-	40.44	31.71	6.00	29.33
AV	5.2244G	105.18	Inf	-Inf	8.23	3	Horizontal	176	2.20	-	96.95	31.53	6.04	29.34
PK	5.1488G	62.38	74.00	-11.62	8.37	3	Horizontal	176	2.20	-	54.01	31.70	6.00	29.33
PK	5.2268G	112.29	Inf	-Inf	8.22	3	Horizontal	176	2.20	-	104.07	31.52	6.04	29.34

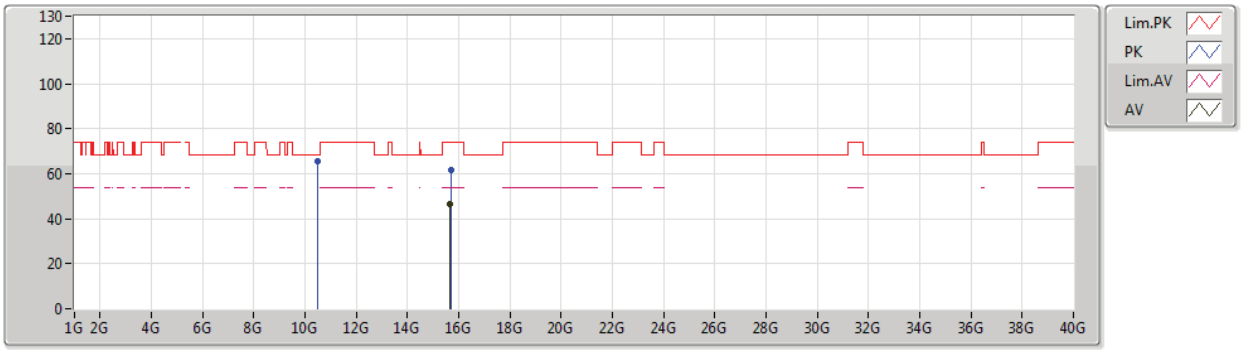
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

03/03/2020

5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.67932G	46.72	54.00	-7.28	18.99	3	Vertical	320	1.49	-	27.73	38.29	13.03	32.33
PK	10.4805G	65.31	68.20	-2.89	15.66	3	Vertical	97	1.95	-	49.65	39.52	10.35	34.21
PK	15.68964G	61.71	74.00	-12.29	18.96	3	Vertical	320	1.49	-	42.75	38.25	13.05	32.34

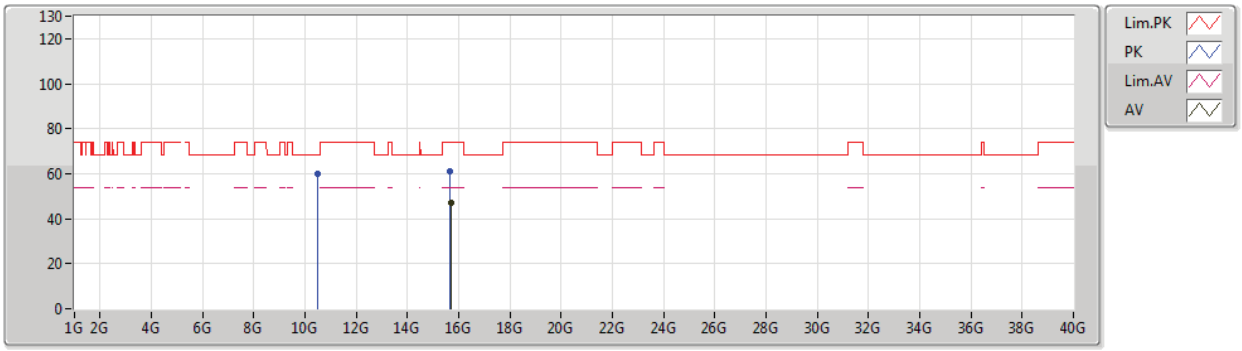
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

03/03/2020

5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.68436G	47.10	54.00	-6.90	18.97	3	Horizontal	227	2.49	-	28.13	38.27	13.04	32.34
PK	10.47422G	59.86	68.20	-8.34	15.65	3	Horizontal	178	1.94	-	44.21	39.52	10.35	34.22
PK	15.67614G	61.09	74.00	-12.91	19.00	3	Horizontal	227	2.49	-	42.09	38.30	13.03	32.33

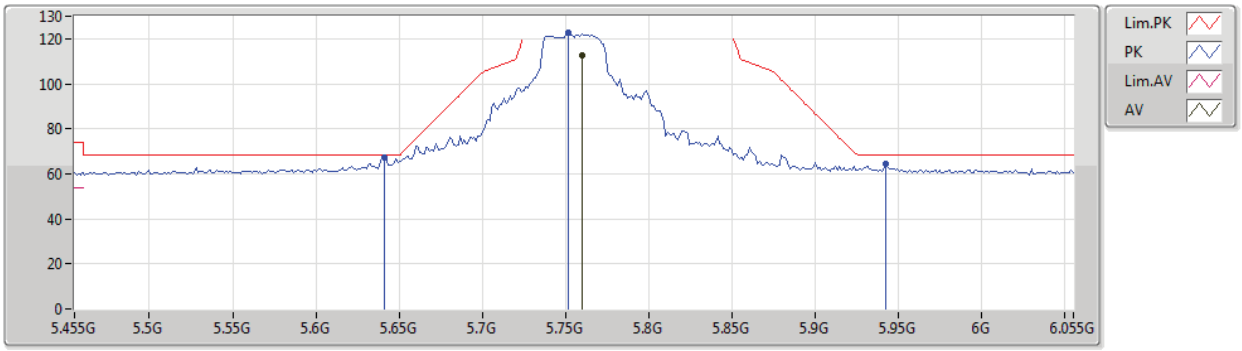
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

18/01/2020

5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7598G	112.68	Inf	-Inf	8.96	3	Vertical	32	1.50	-	103.72	31.92	6.40	29.36
PK	5.641G	67.30	68.20	-0.90	8.68	3	Vertical	32	1.50	-	58.62	31.74	6.30	29.36
PK	5.7514G	122.57	Inf	-Inf	8.93	3	Vertical	32	1.50	-	113.64	31.90	6.39	29.36
PK	5.9422G	64.61	68.20	-3.59	9.43	3	Vertical	32	1.50	-	55.18	32.24	6.54	29.35

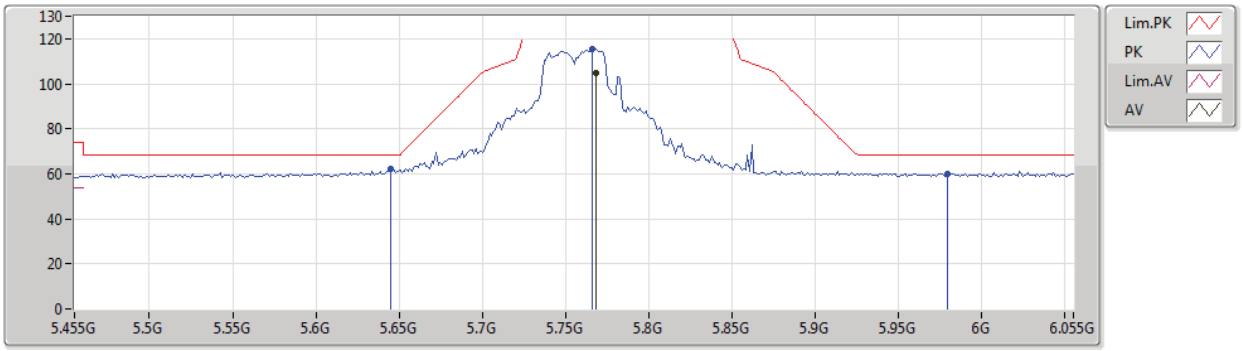
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

18/01/2020

5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7682G	104.73	Inf	-Inf	8.98	3	Horizontal	187	2.06	-	95.75	31.94	6.40	29.36
PK	5.6446G	62.14	68.20	-6.06	8.69	3	Horizontal	187	2.06	-	53.45	31.74	6.31	29.36
PK	5.7658G	115.32	Inf	-Inf	8.97	3	Horizontal	187	2.06	-	106.35	31.93	6.40	29.36
PK	5.9794G	60.18	68.20	-8.02	9.50	3	Horizontal	187	2.06	-	50.68	32.28	6.57	29.35

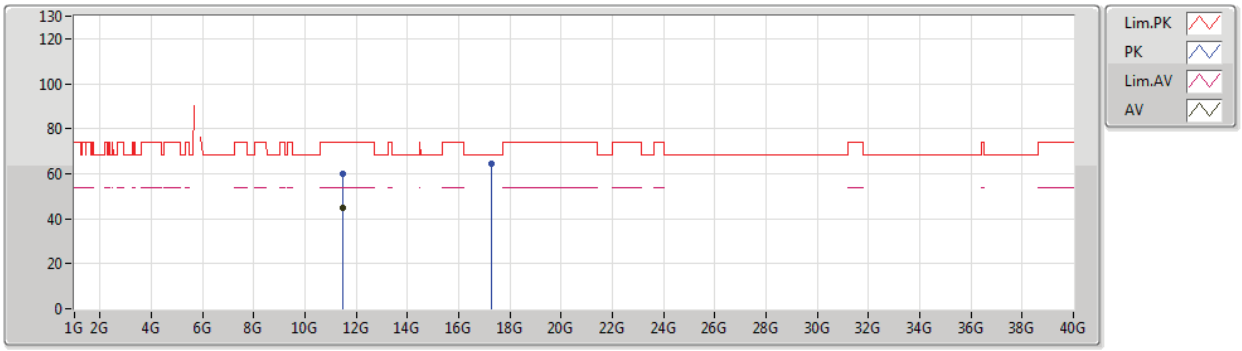
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5755MHz_TX

18/01/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.4983G	45.04	54.00	-8.96	18.15	3	Vertical	83	1.45	-	26.89	39.45	9.47	30.77
PK	11.49704G	60.12	74.00	-13.88	18.15	3	Vertical	83	1.45	-	41.97	39.45	9.47	30.77
PK	17.2701G	64.40	68.20	-3.80	21.74	3	Vertical	152	1.49	-	42.66	41.88	11.41	31.55

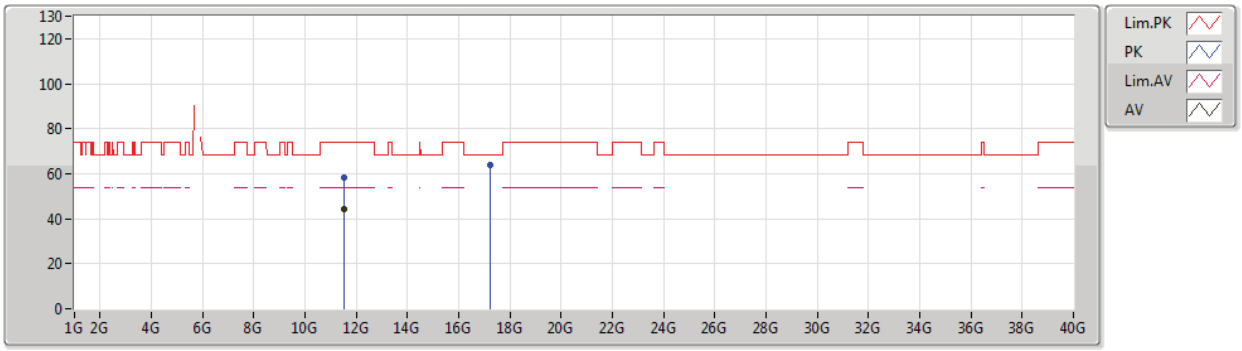
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

18/01/2020

5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.51642G	44.28	54.00	-9.72	18.15	3	Horizontal	325	2.44	-	26.13	39.43	9.49	30.77
PK	11.51318G	58.23	74.00	-15.77	18.14	3	Horizontal	325	2.44	-	40.09	39.43	9.48	30.77
PK	17.2509G	64.12	68.20	-4.08	21.60	3	Horizontal	24	2.00	-	42.52	41.76	11.40	31.56

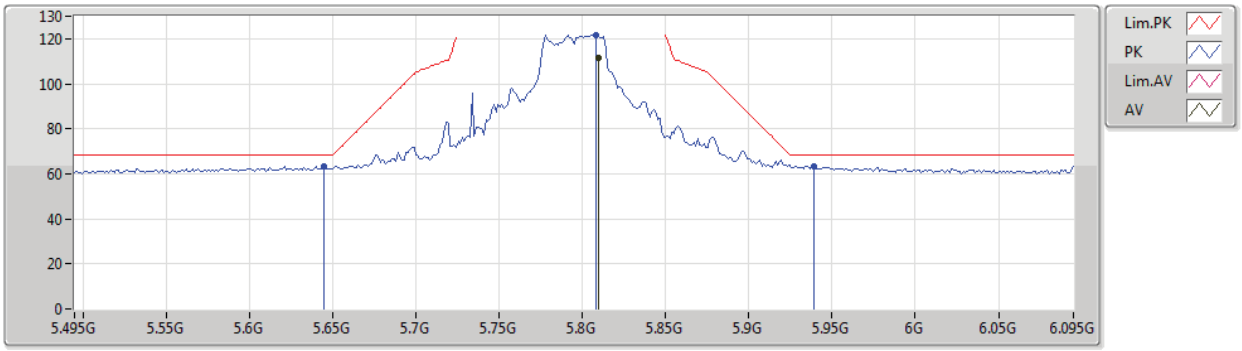
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

17/01/2020

5795MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.8094G	111.28	Inf	-Inf	9.10	3	Vertical	132	1.50	-	102.18	32.02	6.44	29.36
PK	5.645G	63.35	68.20	-4.85	8.70	3	Vertical	132	1.50	-	54.65	31.75	6.31	29.36
PK	5.8082G	121.71	Inf	-Inf	9.10	3	Vertical	132	1.50	-	112.61	32.02	6.44	29.36
PK	5.939G	63.53	68.20	-4.67	9.43	3	Vertical	132	1.50	-	54.10	32.24	6.54	29.35

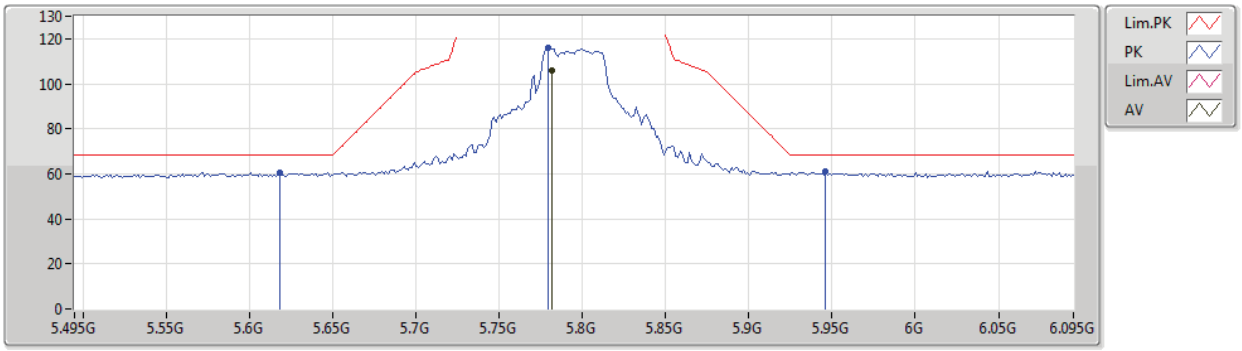
Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

17/01/2020

5795MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7818G	105.77	Inf	-Inf	9.02	3	Horizontal	190	1.98	-	96.75	31.96	6.42	29.36
PK	5.6186G	60.61	68.20	-7.59	8.63	3	Horizontal	190	1.98	-	51.98	31.72	6.28	29.37
PK	5.7794G	115.77	Inf	-Inf	9.01	3	Horizontal	190	1.98	-	106.76	31.96	6.41	29.36
PK	5.9462G	60.94	68.20	-7.26	9.45	3	Horizontal	190	1.98	-	51.49	32.25	6.55	29.35

Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor) 992407