

FCC Radio Test Report

FCC ID : Z8H89FT0066
Equipment : XV2-2T Outdoor Wi-Fi 6 Access point
Brand Name : Cambium Networks
Model Name : XV2-2T
Applicant : Cambium Networks Inc.
3800 Golf Road Suite 360 Rolling Meadows IL United States 60008
Manufacturer : Lite-On Network Communication (Dongguan) Limited
No.30 QingXi-Keji Road, QingXi Town, DongGuan City, Guangdong Province, P.R. China
Standard : 47 CFR FCC Part 15.407

The product was received on Apr. 09, 2021, and testing was started from Apr. 09, 2021 and completed on Aug. 03, 2021. We, SPORTON INTERNATIONAL INC. Hsinhua 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 test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Hsinhua Laboratory, the test report shall not be reproduced except in full.



Approved by: Allen Lin

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)



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PHOTOGRAPHS OF EUT V01



History of this test report

Report No.	Version	Description	Issued Date
FR142329AN	01	Initial issue of report	Sep. 08, 2021



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:
None

Reviewed by: Sam Tsai
Report Producer: Debby Hung



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20), ax(HEW20)	5180-5240	36-48 [4]
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>

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	2TX
5.725-5.85GHz	802.11a	20	2TX
5.15-5.25GHz	802.11ax HEW20	20	2TX
5.725-5.85GHz	802.11ax HEW20	20	2TX
5.15-5.25GHz	802.11ax HEW40	40	2TX
5.725-5.85GHz	802.11ax HEW40	40	2TX
5.15-5.25GHz	802.11ax HEW80	80	2TX
5.725-5.85GHz	802.11ax HEW80	80	2TX

<Beamforming>

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11ax HEW20-BF	20	2TX
5.725-5.85GHz	802.11ax HEW20-BF	20	2TX
5.15-5.25GHz	802.11ax HEW40-BF	40	2TX
5.725-5.85GHz	802.11ax HEW40-BF	40	2TX
5.15-5.25GHz	802.11ax HEW80-BF	80	2TX
5.725-5.85GHz	802.11ax HEW80-BF	80	2TX

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, modulation.
- ◆ BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Support
1	LYNwave	Snow Leopard	PIFA antenna	I-PEX	2.4G
2	LYNwave	Snow Leopard	PIFA antenna	I-PEX	2.4G
3	LYNwave	Snow Leopard	PIFA antenna	I-PEX	5G
4	LYNwave	Snow Leopard	PIFA antenna	I-PEX	5G
5	LYNwave	Snow Leopard	PIFA antenna	I-PEX	BT

Ant.	Port	Gain (dBi)					BT
		2.4G	5G				
			U-NII-1	U-NII-2A	U-NII-2C		
1	1	5.2	-	-	-	-	-
2	2	5.3	-	-	-	-	-
3	1	-	8.1	8.1	9.3	9.0	-
4	2	-	8.6	8.6	8.9	8.6	-
5	1	-	-	-	-	-	5.6

Note 1: The EUT has five antennas.

Ant.	Port	Elevation angle above 30 degrees Gain (dBi)
3	1	-2.7
4	2	-3.1

For 2.4GHz function:

For IEEE 802.11 b/g/n/VHT/ax mode (2TX/2RX)

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

For BT function:

For IEEE 802.15.1 Bluetooth mode (1TX/1RX)

Ant. 5 (port 1) could transmit/receive.

For 5GHz function:

For IEEE 802.11 a/n/ac/ax mode (2TX/2RX)

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

1.1.3 Table for Explanation of Flash and 2nd Source

Object/part	Main source (Sku 1)	2nd source (Sku 2)
Description (location)		
MOSFET (QB5)	Brand: Fairchild Model: FET N 150V	Brand: APEC Model : FET N 150V
MOSFET (QB10,QB13)	Brand: Fairchild Model: FET N 100V	Brand : APEC Model : FET N 100V
MOSFET (QB7)	Brand:TI Model: FET N 60V	Brand : APEC Model : FET N 60V
FLASH MEMORY (U5)	FLASH MEMORY : 2G bit	FLASH MEMORY :2G bit
	Flash Brand: MICRON	Flash Brand: MXIC
	Flash Model: Nand flash	Flash Model: Nand flash

From the above Skus, Main source (Sku 1) was selected as representative model for the test and its data was recorded in this report.

1.1.4 EUT Information

Operational Condition			
EUT Power Type	From PoE		
EUT Function	<input checked="" type="checkbox"/> Outdoor AP	<input type="checkbox"/> Indoor AP	
	<input type="checkbox"/> Fixed P2P AP	<input checked="" type="checkbox"/> Outdoor Client	
Beamforming Function	<input checked="" type="checkbox"/> With beamforming	<input type="checkbox"/> Without beamforming	
Type of EUT			
<input type="checkbox"/>	Stand-alone		
<input type="checkbox"/>	Combined (EUT where the radio part is fully integrated within another device)		
	Combined Equipment - Brand Name / Model No.:	...	
<input checked="" type="checkbox"/>	Plug-in radio (EUT intended for a variety of host systems)		
	Host System - Brand Name: Cambium Networks / Model No.: XV2-2T		
<input type="checkbox"/>	Other:		

1.1.5 Mode Test Duty Cycle

<Non-Beamforming>

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_2TX	0.921	0.36	1.433m	1k
802.11ax HEW20_Nss1,(MCS0)_2TX	0.959	0.18	5.446m	300
802.11ax HEW40_Nss1,(MCS0)_2TX	0.941	0.26	5.446m	300
802.11ax HEW80_Nss1,(MCS0)_2TX	0.954	0.2	5.446m	300

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

<Beamforming>

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	0.954	0.2	1.895m	1k
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.41	3.87	1.484m	1k
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	0.236	6.27	840.625u	3k

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

The following reference test guidance is not within the scope of accreditation of TAF:

- ♦ KDB 662911 D01 v02r01
- ♦ KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
<input checked="" type="checkbox"/>	Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)		
		TEL: 886-3-327-3456	FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Billy Wang	21.6~22.4°C / 59~60%	24/Jun/2021
RF Conducted <Master mode>	TH07-HY	Alan Chien	20.1~26.9°C / 50~60%	09/Apr/2021~08/Jun/2021
RF Conducted <Client mode>	TH07-HY	Alan Chien	21~27°C / 51~60%	09/Apr/2021~08/Jun/2021 03/Aug/2021
<input checked="" type="checkbox"/>	Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)		
		TEL: 886-3-318-0787	FAX: 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Radiated	03CH09-HY	Daniel Hsu	21.5~24.3°C / 42~60%	12/Apr/2021~23/Jun/2021



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 Channel Mode

<Non-Beamforming><Master mode>

Test Software Version	QDART-Connectivity 1.0-00077
-----------------------	------------------------------

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	20.5
5200MHz	21
5240MHz	21
5745MHz	23
5785MHz	23.5
5825MHz	24.5
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5180MHz	21
5200MHz	21.5
5240MHz	21.5
5745MHz	23.5
5785MHz	24
5825MHz	25
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5190MHz	21
5230MHz	21
5755MHz	23
5795MHz	23.5
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5210MHz	20.5
5775MHz	23.5



<Beamforming><Master mode>

Test Software Version	Dos6.1
-----------------------	--------

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5180MHz	19
5200MHz	19
5240MHz	18
5745MHz	24
5785MHz	24
5825MHz	24
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5190MHz	19
5230MHz	20
5755MHz	24
5795MHz	24
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5210MHz	20
5775MHz	24



<Non-Beamforming><Client mode>


Test Software Version	QDART-Connectivity 1.0-00077
-----------------------	------------------------------

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	15
5200MHz	15
5240MHz	15.5
5745MHz	23
5785MHz	23.5
5825MHz	24.5
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5180MHz	16
5200MHz	16
5240MHz	17
5745MHz	23.5
5785MHz	24
5825MHz	25
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5190MHz	18
5230MHz	18.5
5755MHz	23
5795MHz	23.5
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5210MHz	18.5
5775MHz	23.5

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	PoE 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	PoE Mode
Operating Mode > 1GHz	CTX
Orthogonal Planes of EUT	Y Plane
	
Worst Planes of EUT	V

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	Bluetooth+WLAN 2.4GHz+WLAN 5GHz
Refer to Sporton Test Report No.: FA142329 for Co-location RF Exposure Evaluation .	



2.3 Accessories

Accessories					
Mount kit	Brand Name	-	Model Name	-	

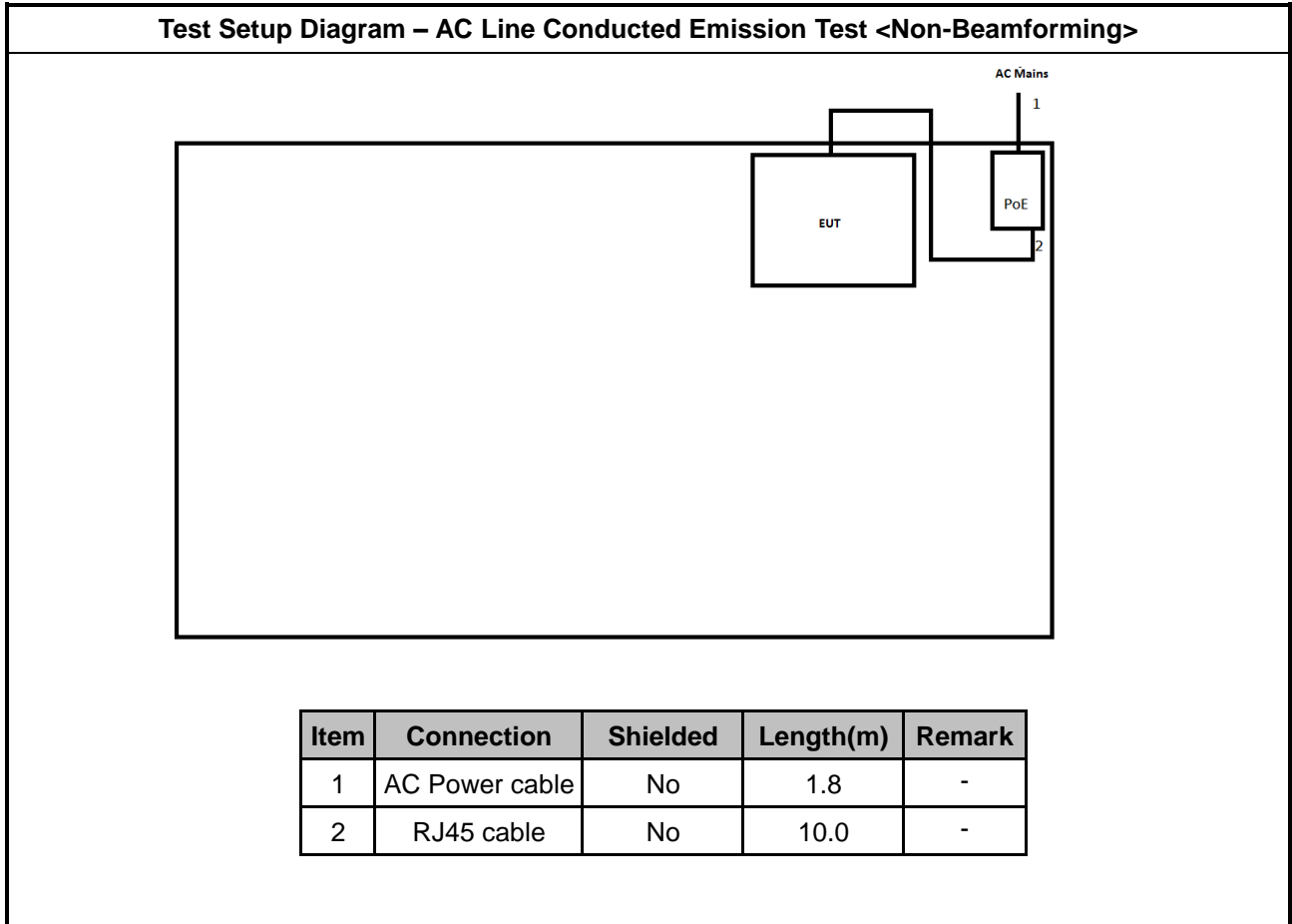
Reminder: Regarding to more detail and other information, please refer to user manual.

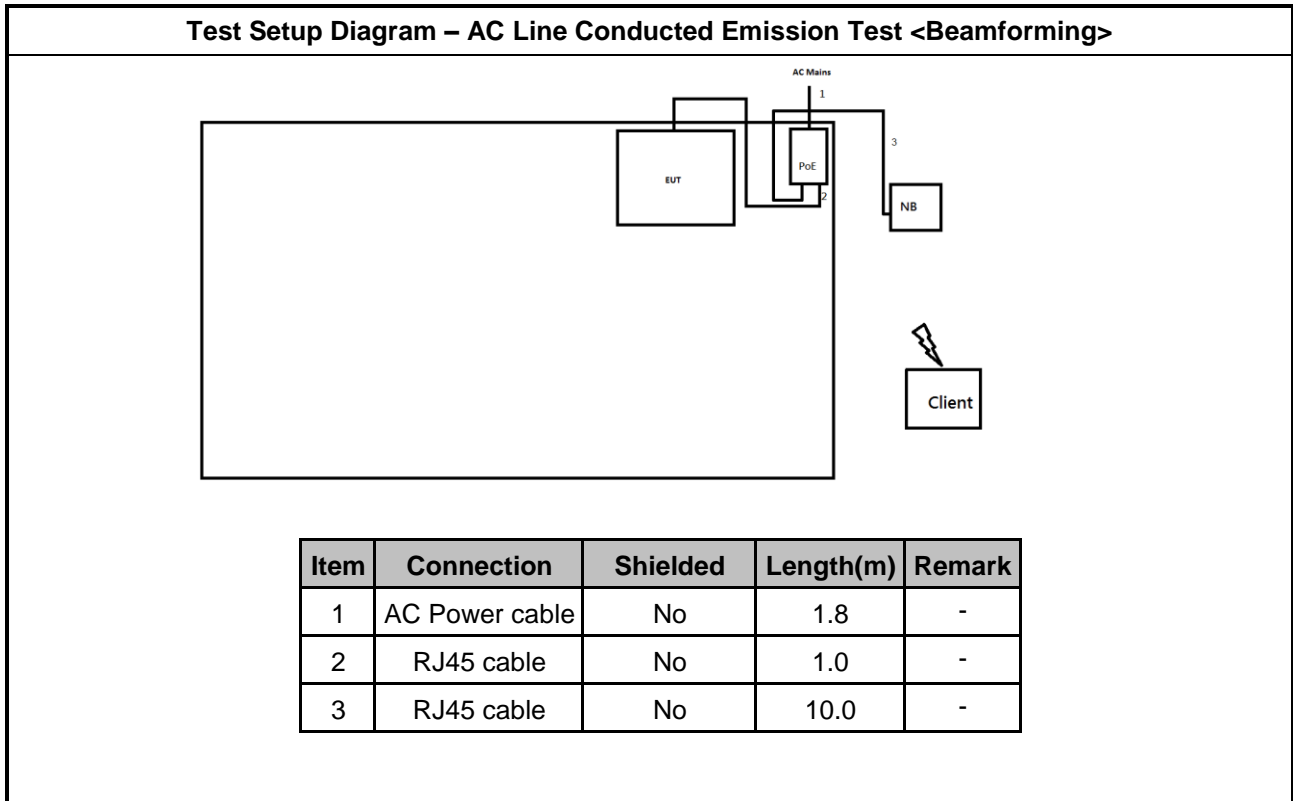
2.4 Support Equipment

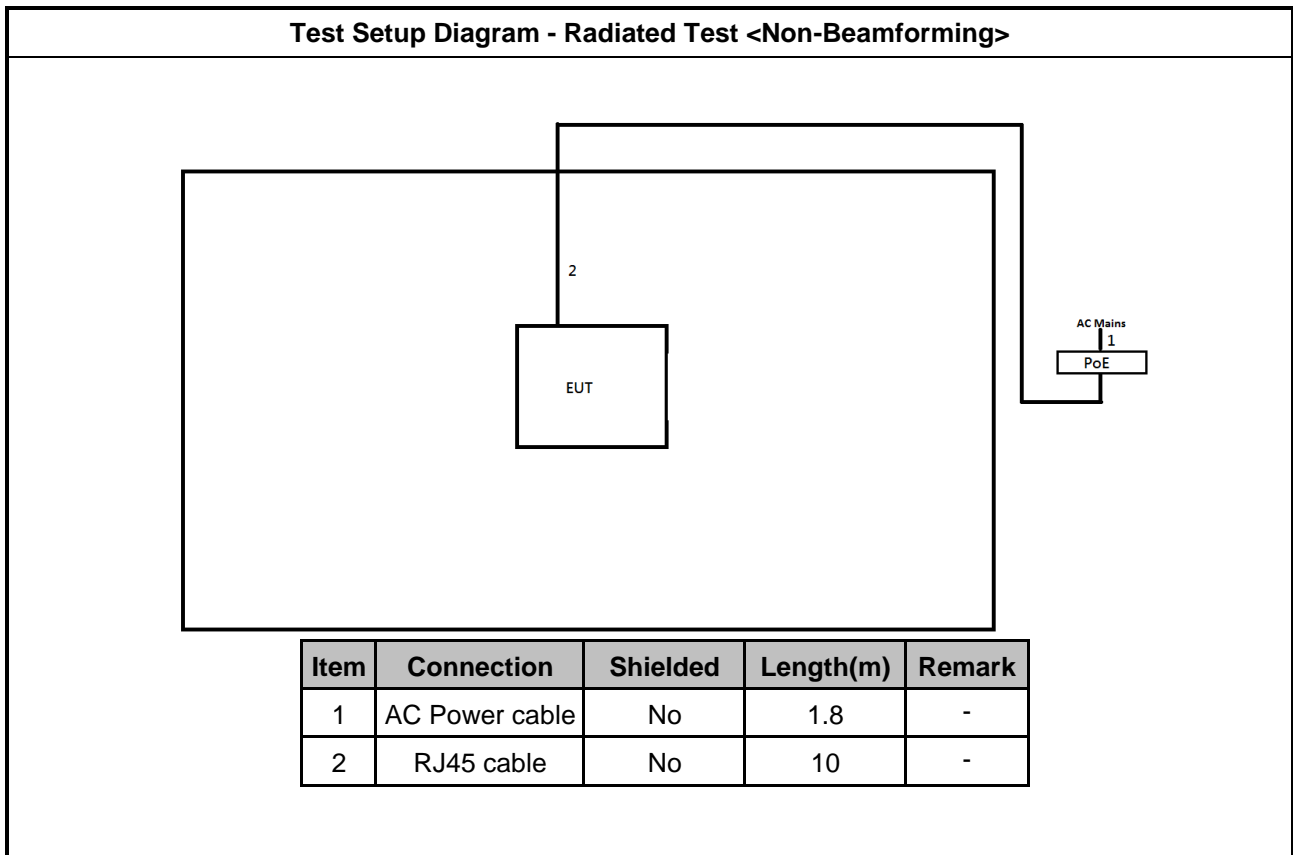
Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-

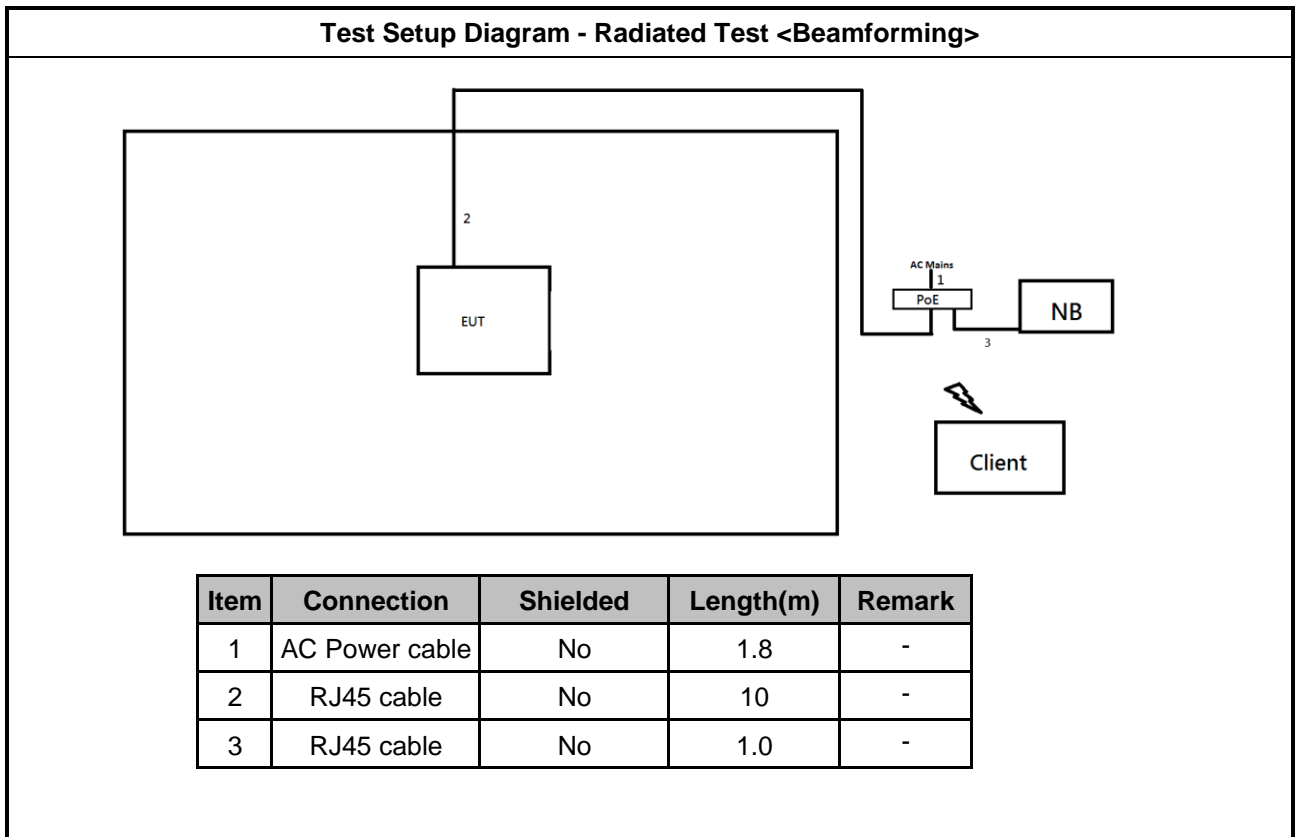
Support Equipment –AC Conduction and Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Client	-	-	-	Provided by Customer / remote
2	Notebook	HP	E5520	-	remote

2.5 Test Setup Diagram











3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50

Note 1: * Decreases with the logarithm of the frequency.

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

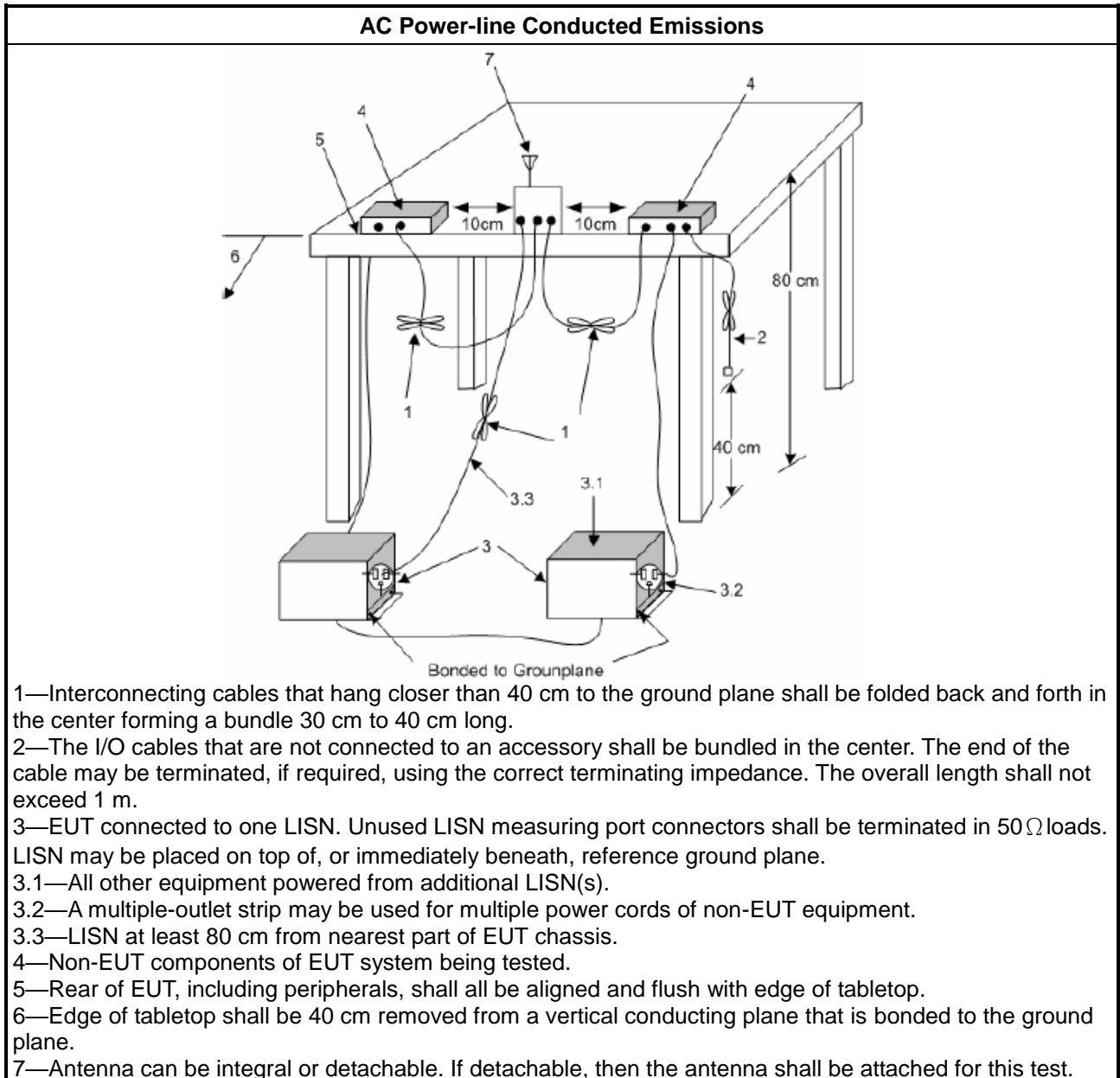
Test Method
<input checked="" type="checkbox"/> Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + LISN(LISN Factor) + CL(Cable Loss) + AT(Attenuator).

3.1.5 Test Setup



3.1.6 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	
<input checked="" type="checkbox"/>	For the 5.15-5.25 GHz band, N/A
<input type="checkbox"/>	For the 5.25-5.35 GHz band, N/A
<input type="checkbox"/>	For the 5.47-5.725 GHz band, N/A
<input checked="" type="checkbox"/>	For the 5.725-5.85 GHz band, 6 dB emission bandwidth \geq 500kHz.

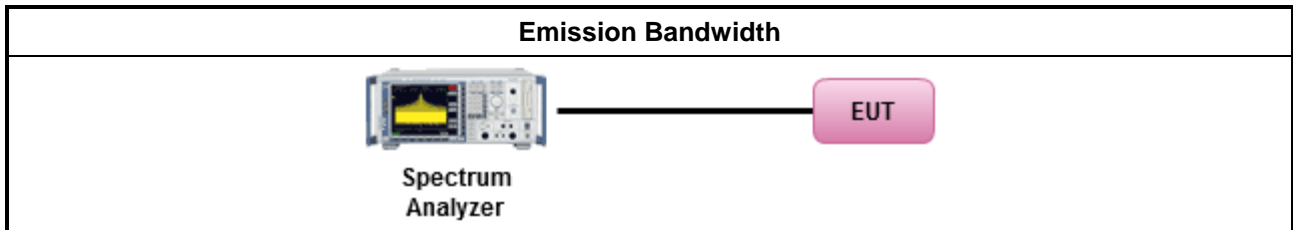
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> ▪ For the emission bandwidth shall be measured using one of the options below: 	
<input checked="" type="checkbox"/>	Refer as KDB 789033, clause C for EBW and clause D for OBW measurement.
<input type="checkbox"/>	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.
<input type="checkbox"/>	Refer as IC RSS-Gen, clause 6.7 for bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
UNII Devices	
<input checked="" type="checkbox"/> For the 5.15-5.25 GHz band:	
	<ul style="list-style-type: none"> ▪ 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 $\leq 125mW$ [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 $P_{Out} = 24 - (G_{TX} - 6)$.
<input type="checkbox"/> For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.	
<input type="checkbox"/> For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.	
<input checked="" type="checkbox"/> For the 5.725-5.85 GHz band:	
	<ul style="list-style-type: none"> ▪ 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.	

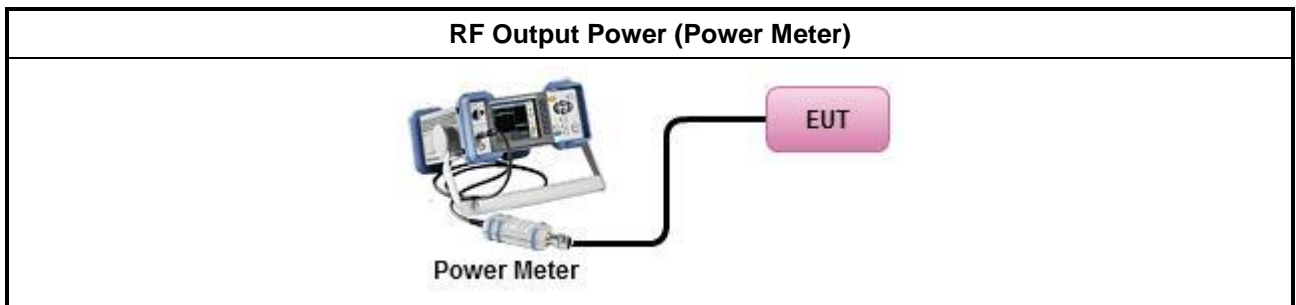
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C



3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit	
UNII Devices	
<input checked="" type="checkbox"/> For the 5.15-5.25 GHz band:	
<input type="checkbox"/>	<ul style="list-style-type: none"> ▪ 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 $PPSD = 11 - (G_{TX} - 6)$.
<input type="checkbox"/> For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
<input type="checkbox"/> For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
<input checked="" type="checkbox"/> For the 5.725-5.85 GHz band:	
<input type="checkbox"/>	<ul style="list-style-type: none"> ▪ 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.
<p>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</p> <p>G_{TX} = the maximum transmitting antenna directional gain in dBi.</p>	

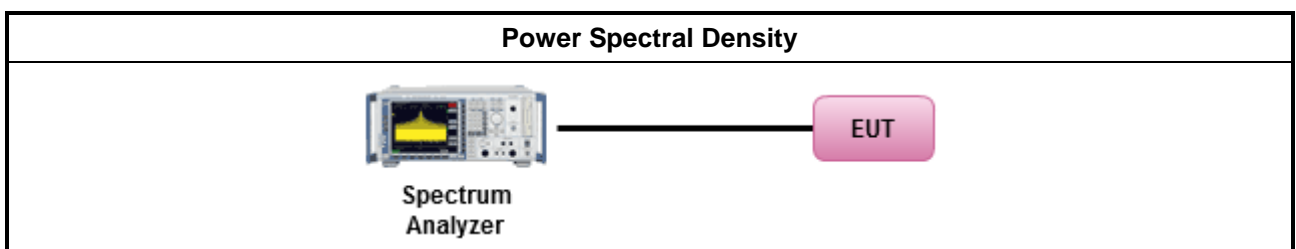
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> 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: 	
<input type="checkbox"/>	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%
<input type="checkbox"/>	Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging). Duty cycle < 98%
<input checked="" type="checkbox"/>	Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
<ul style="list-style-type: none"> For conducted measurement. 	
<ul style="list-style-type: none"> If the EUT supports multiple transmit chains using options given below: <ul style="list-style-type: none"> 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: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$ 	

3.4.4 Test Setup



3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

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

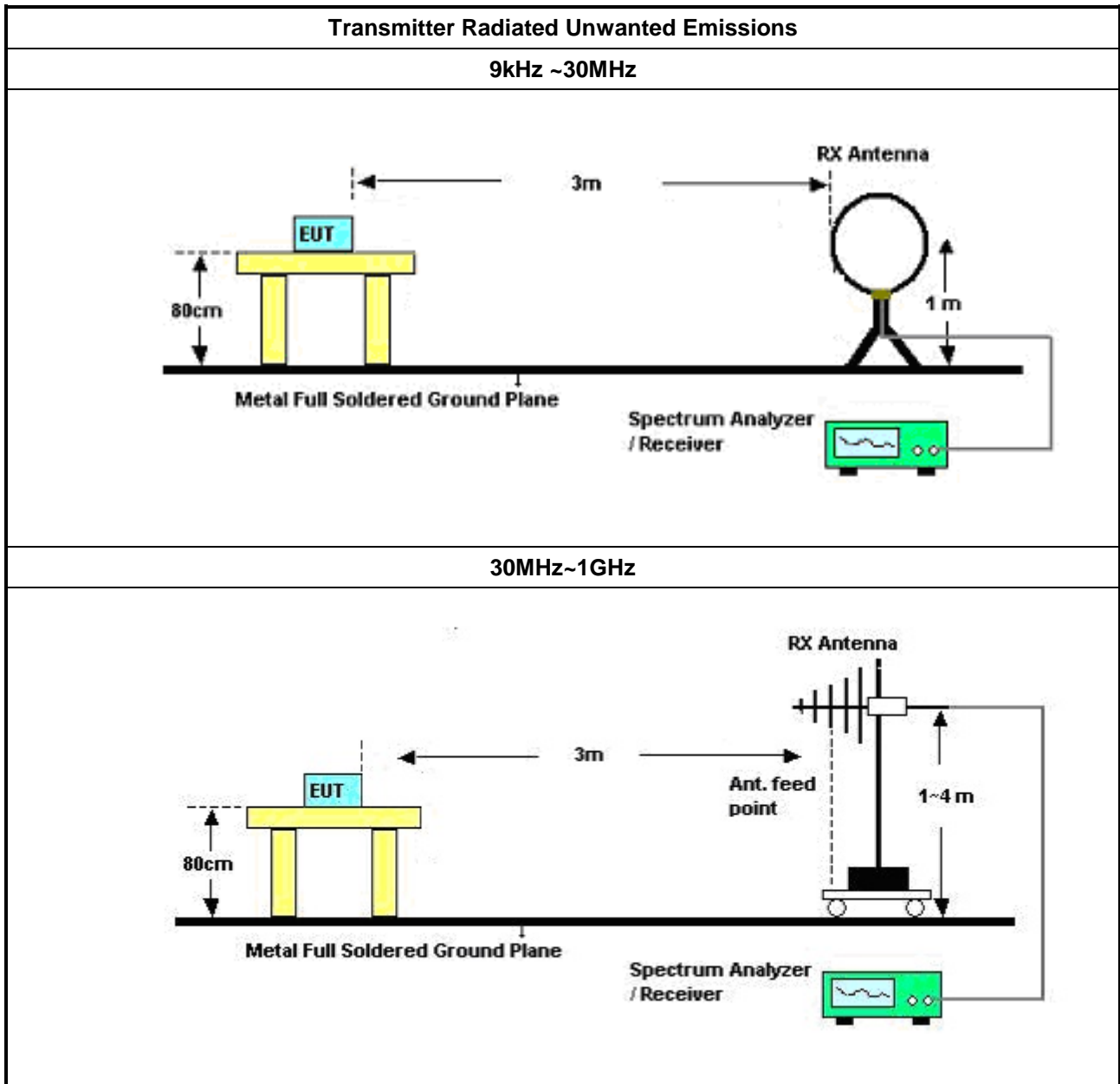
Test Method	
<ul style="list-style-type: none"> ▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance 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). 	
<ul style="list-style-type: none"> ▪ The average emission levels shall be measured in [duty cycle \geq 98 or duty factor]. 	
<ul style="list-style-type: none"> ▪ For the transmitter unwanted emissions shall be measured using following options below: 	
	<ul style="list-style-type: none"> ▪ Refer as KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
	<ul style="list-style-type: none"> ▪ Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.
<input checked="" type="checkbox"/>	Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW.
<input checked="" type="checkbox"/>	Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.4.2.2), measurement procedure peak limit.
<ul style="list-style-type: none"> ▪ For radiated measurement. 	
	<ul style="list-style-type: none"> ▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	<ul style="list-style-type: none"> ▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	<ul style="list-style-type: none"> ▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
<ul style="list-style-type: none"> ▪ The any unwanted emissions level shall not exceed the fundamental emission level. 	
<ul style="list-style-type: none"> ▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported. 	
<ul style="list-style-type: none"> ▪ Use the following spectrum analyzer settings: 	
	<ul style="list-style-type: none"> ▪ Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	<ul style="list-style-type: none"> ▪ Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
<ul style="list-style-type: none"> ▪ KDB 414788 Open-Field Test Sites and Chamber Correlation Justification. 	
	<ul style="list-style-type: none"> ▪ 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.
	<ul style="list-style-type: none"> ▪ Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

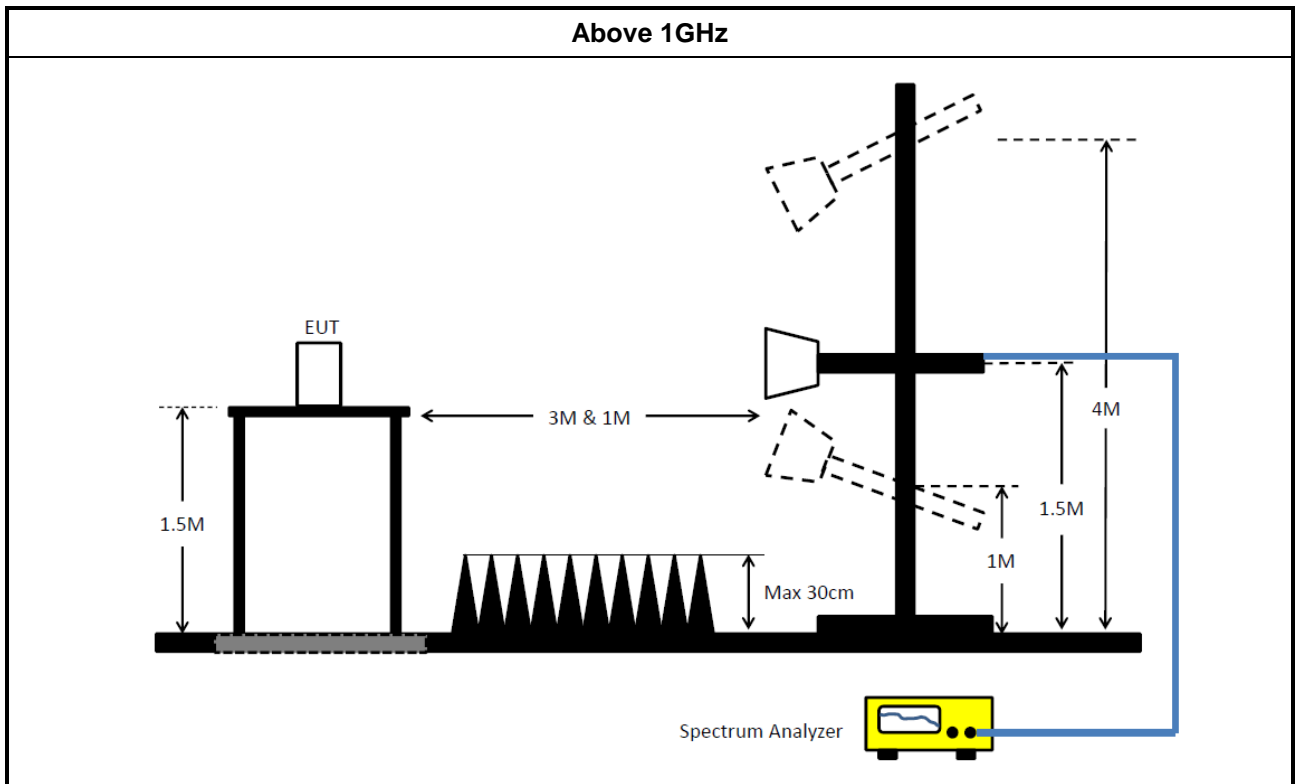
3.5.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamplifier Factor)

3.5.5 Test Setup





3.5.6 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.

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR	102052	9kHz ~ 3.6GHz	19/Apr/2021	18/Apr/2022
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	11/Nov/2020	10/Nov/2021
RF Cable 5m	TITAN	TITAN	CO04-cable-01	0.1MHz~200MHz	03/Mar/2021	02/Mar/2022
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	21/Sep/2020	20/Sep/2021

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101515	10Hz~40GHz	26/Mar/2021	25/Mar/2022
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	20/Oct/2020	19/Oct/2021
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	27/Nov/2020	26/Nov/2021
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	27/Nov/2020	26/Nov/2021



Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz~1GHz 3m	26/Mar/2021	25/Mar/2022
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	18/Mar/2021	17/Mar/2022
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	11/Aug/2020	10/Aug/2021
Amplifier	EMC	EMC9135	980232	9kHz~1GHz	12/Apr/2021	11/Apr/2022
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	24/Jul/2020	23/Jul/2021
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D&MTJ 6102-05	35418 & 3	30MHz~1GHz	06/Sep/2020	05/Sep/2021
Double Ridged Guide Horn Antenna	SCHWARZBEC K	BBHA 9120 D	BBHA9120 D 1534	1GHz~18GHz	28/May/2020	27/May/2021
Double Ridged Guide Horn Antenna	COM-POWER	AH-118	071028	1GHz~18GHz	09/Jun/2020	08/Jun/2021
RF Cable-low	Jye Bao	RG142	CB031+324530/ 4	9kHz~30MHz	03/Sep/2020	02/Sep/2021
RF Cable-low	Jye Bao	RG142	CB031+324530/ 4	30MHz~1GHz	09/Feb/2021	08/Feb/2022
RF CABLE 5m+3m+1m	HUBER+SUHN ER	SUCOFLEX104	SN MY25918/4+ SN MY39478/4 + SN 324530/4	1GHz~40GHz	15/Aug/2020	14/Aug/2021
Broadband Horn Antenna	SCHWARZBEC K	BBHA 9170	BBHA 9170221	18GHz~40GHz	11/Mar/2021	10/Mar/2022
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	09/Mar/2021	08/Mar/2022
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz~40GHz	18/Mar/2021	17/Mar/2022
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2021	15/Mar/2022
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	19/Apr/2021	18/Apr/2022



Summary

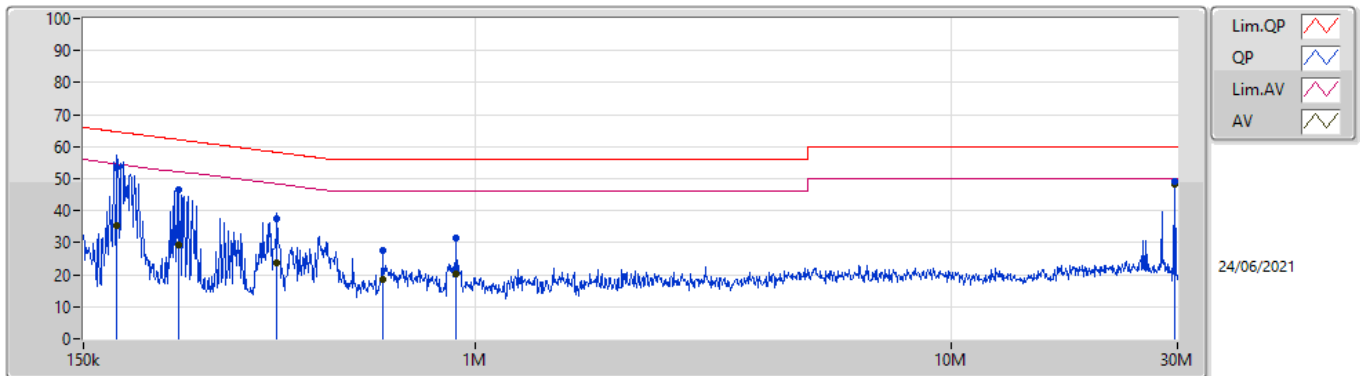
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	29.616M	48.10	50.00	-1.90	Line



Mode config

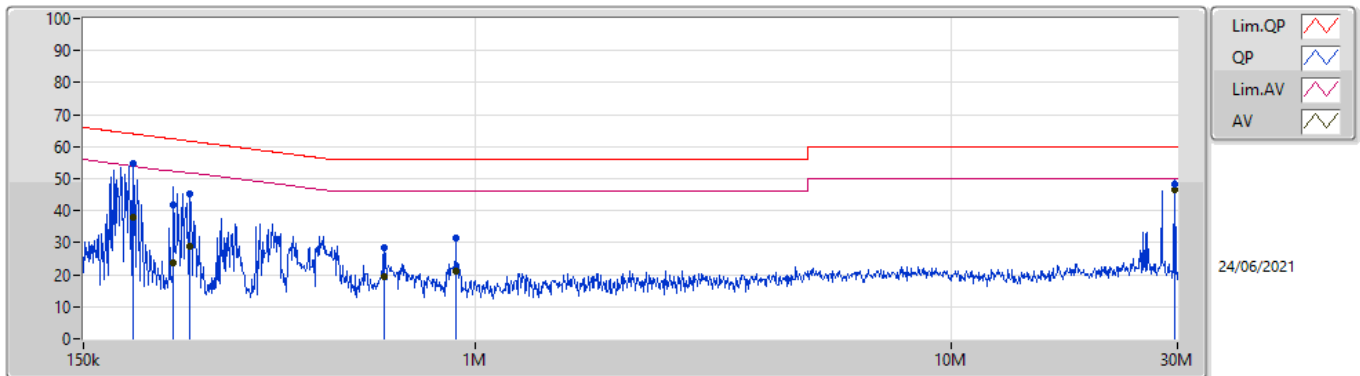
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	176.674k	53.53	64.64	-11.11	Line	-
Mode 1	Pass	AV	176.674k	35.56	54.64	-19.08	Line	-
Mode 1	Pass	QP	237.393k	46.48	62.20	-15.72	Line	-
Mode 1	Pass	AV	237.393k	29.24	52.20	-22.96	Line	-
Mode 1	Pass	QP	383.278k	37.37	58.20	-20.83	Line	-
Mode 1	Pass	AV	383.278k	23.52	48.20	-24.68	Line	-
Mode 1	Pass	QP	641.45k	27.38	56.00	-28.62	Line	-
Mode 1	Pass	AV	641.45k	18.33	46.00	-27.67	Line	-
Mode 1	Pass	QP	911.443k	31.33	56.00	-24.67	Line	-
Mode 1	Pass	AV	911.443k	20.45	46.00	-25.55	Line	-
Mode 1	Pass	QP	29.616M	48.98	60.00	-11.02	Line	-
Mode 1	Pass	AV	29.616M	48.10	50.00	-1.90	Line	-
Mode 1	Pass	QP	191.358k	54.74	63.97	-9.23	Neutral	-
Mode 1	Pass	AV	191.358k	37.98	53.97	-15.99	Neutral	-
Mode 1	Pass	QP	231.775k	41.74	62.39	-20.65	Neutral	-
Mode 1	Pass	AV	231.775k	23.75	52.39	-28.64	Neutral	-
Mode 1	Pass	QP	251.038k	45.25	61.72	-16.47	Neutral	-
Mode 1	Pass	AV	251.038k	28.98	51.72	-22.74	Neutral	-
Mode 1	Pass	QP	644.016k	28.30	56.00	-27.70	Neutral	-
Mode 1	Pass	AV	644.016k	19.47	46.00	-26.53	Neutral	-
Mode 1	Pass	QP	911.443k	31.68	56.00	-24.32	Neutral	-
Mode 1	Pass	AV	911.443k	20.96	46.00	-25.04	Neutral	-
Mode 1	Pass	QP	29.616M	48.19	60.00	-11.81	Neutral	-
Mode 1	Pass	AV	29.616M	46.40	50.00	-3.60	Neutral	-

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	176.674k	53.53	64.64	-11.11	19.62	Line	-	33.91	9.68	0.04	9.90			
AV	176.674k	35.56	54.64	-19.08	19.62	Line	-	15.94	9.68	0.04	9.90			
QP	237.393k	46.48	62.20	-15.72	19.62	Line	-	26.86	9.68	0.04	9.90			
AV	237.393k	29.24	52.20	-22.96	19.62	Line	-	9.62	9.68	0.04	9.90			
QP	383.278k	37.37	58.20	-20.83	19.63	Line	-	17.74	9.67	0.06	9.90			
AV	383.278k	23.52	48.20	-24.68	19.63	Line	-	3.89	9.67	0.06	9.90			
QP	641.45k	27.38	56.00	-28.62	19.59	Line	-	7.79	9.67	0.07	9.85			
AV	641.45k	18.33	46.00	-27.67	19.59	Line	-	-1.26	9.67	0.07	9.85			
QP	911.443k	31.33	56.00	-24.67	19.56	Line	-	11.77	9.67	0.08	9.81			
AV	911.443k	20.45	46.00	-25.55	19.56	Line	-	0.89	9.67	0.08	9.81			
QP	29.616M	48.98	60.00	-11.02	19.77	Line	-	29.21	9.53	0.34	9.90			
AV	29.616M	48.10	50.00	-1.90	19.77	Line	-	28.33	9.53	0.34	9.90			

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	191.358k	54.74	63.97	-9.23	19.62	Neutral	-	35.12	9.68	0.04	9.90			
AV	191.358k	37.98	53.97	-15.99	19.62	Neutral	-	18.36	9.68	0.04	9.90			
QP	231.775k	41.74	62.39	-20.65	19.62	Neutral	-	22.12	9.68	0.04	9.90			
AV	231.775k	23.75	52.39	-28.64	19.62	Neutral	-	4.13	9.68	0.04	9.90			
QP	251.038k	45.25	61.72	-16.47	19.63	Neutral	-	25.62	9.68	0.05	9.90			
AV	251.038k	28.98	51.72	-22.74	19.63	Neutral	-	9.35	9.68	0.05	9.90			
QP	644.016k	28.30	56.00	-27.70	19.59	Neutral	-	8.71	9.67	0.07	9.85			
AV	644.016k	19.47	46.00	-26.53	19.59	Neutral	-	-0.12	9.67	0.07	9.85			
QP	911.443k	31.68	56.00	-24.32	19.56	Neutral	-	12.12	9.67	0.08	9.81			
AV	911.443k	20.96	46.00	-25.04	19.56	Neutral	-	1.40	9.67	0.08	9.81			
QP	29.616M	48.19	60.00	-11.81	19.94	Neutral	-	28.25	9.70	0.34	9.90			
AV	29.616M	46.40	50.00	-3.60	19.94	Neutral	-	26.46	9.70	0.34	9.90			



Summary

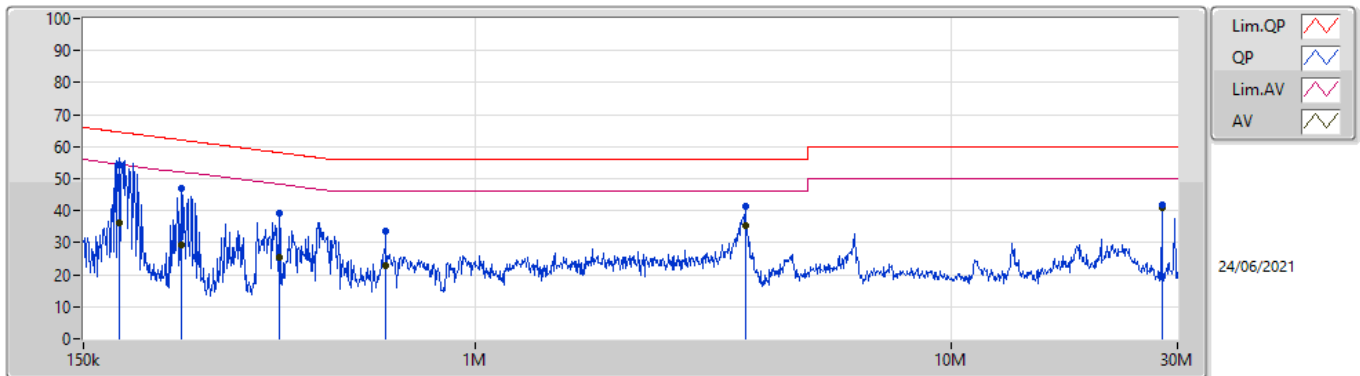
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	177.381k	56.88	64.60	-7.72	Neutral



Mode config

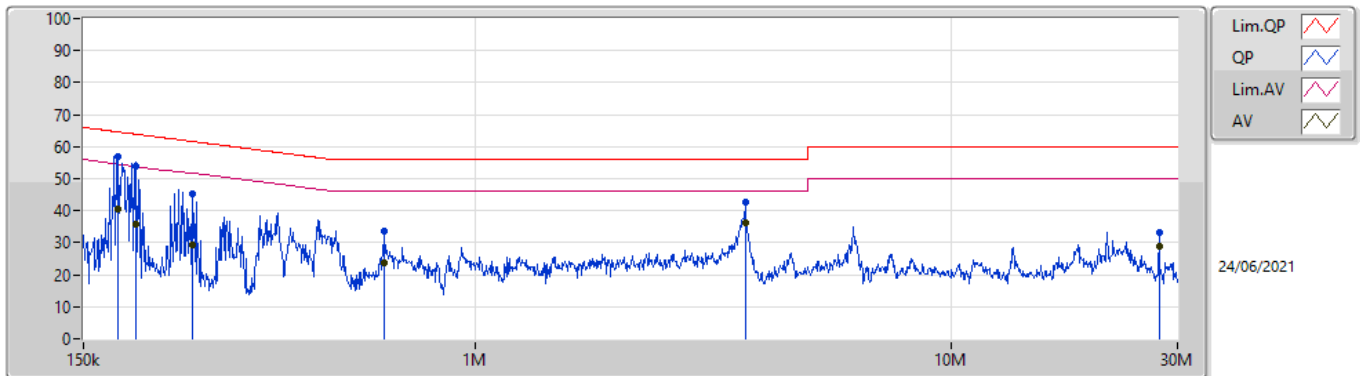
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	178.091k	54.35	64.57	-10.22	Line	-
Mode 1	Pass	AV	178.091k	36.22	54.57	-18.35	Line	-
Mode 1	Pass	QP	240.253k	46.79	62.08	-15.29	Line	-
Mode 1	Pass	AV	240.253k	29.49	52.08	-22.59	Line	-
Mode 1	Pass	QP	386.35k	39.05	58.14	-19.09	Line	-
Mode 1	Pass	AV	386.35k	25.58	48.14	-22.56	Line	-
Mode 1	Pass	QP	646.592k	33.42	56.00	-22.58	Line	-
Mode 1	Pass	AV	646.592k	23.06	46.00	-22.94	Line	-
Mode 1	Pass	QP	3.701M	41.58	56.00	-14.42	Line	-
Mode 1	Pass	AV	3.701M	35.51	46.00	-10.49	Line	-
Mode 1	Pass	QP	27.784M	41.71	60.00	-18.29	Line	-
Mode 1	Pass	AV	27.784M	41.03	50.00	-8.97	Line	-
Mode 1	Pass	QP	177.381k	56.88	64.60	-7.72	Neutral	-
Mode 1	Pass	AV	177.381k	40.59	54.60	-14.01	Neutral	-
Mode 1	Pass	QP	193.664k	54.08	63.88	-9.80	Neutral	-
Mode 1	Pass	AV	193.664k	35.79	53.88	-18.09	Neutral	-
Mode 1	Pass	QP	254.063k	45.40	61.62	-16.22	Neutral	-
Mode 1	Pass	AV	254.063k	29.39	51.62	-22.23	Neutral	-
Mode 1	Pass	QP	644.016k	33.54	56.00	-22.46	Neutral	-
Mode 1	Pass	AV	644.016k	23.52	46.00	-22.48	Neutral	-
Mode 1	Pass	QP	3.701M	42.52	56.00	-13.48	Neutral	-
Mode 1	Pass	AV	3.701M	36.23	46.00	-9.77	Neutral	-
Mode 1	Pass	QP	27.453M	33.10	60.00	-26.90	Neutral	-
Mode 1	Pass	AV	27.453M	29.06	50.00	-20.94	Neutral	-

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	178.091k	54.35	64.57	-10.22	19.62	Line	-	34.73	9.68	0.04	9.90
AV	178.091k	36.22	54.57	-18.35	19.62	Line	-	16.60	9.68	0.04	9.90
QP	240.253k	46.79	62.08	-15.29	19.63	Line	-	27.16	9.68	0.05	9.90
AV	240.253k	29.49	52.08	-22.59	19.63	Line	-	9.86	9.68	0.05	9.90
QP	386.35k	39.05	58.14	-19.09	19.63	Line	-	19.42	9.67	0.06	9.90
AV	386.35k	25.58	48.14	-22.56	19.63	Line	-	5.95	9.67	0.06	9.90
QP	646.592k	33.42	56.00	-22.58	19.59	Line	-	13.83	9.67	0.07	9.85
AV	646.592k	23.06	46.00	-22.94	19.59	Line	-	3.47	9.67	0.07	9.85
QP	3.701M	41.58	56.00	-14.42	19.72	Line	-	21.86	9.69	0.14	9.89
AV	3.701M	35.51	46.00	-10.49	19.72	Line	-	15.79	9.69	0.14	9.89
QP	27.784M	41.71	60.00	-18.29	19.79	Line	-	21.92	9.56	0.33	9.90
AV	27.784M	41.03	50.00	-8.97	19.79	Line	-	21.24	9.56	0.33	9.90

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	177.381k	56.88	64.60	-7.72	19.62	Neutral	-	37.26	9.68	0.04	9.90			
AV	177.381k	40.59	54.60	-14.01	19.62	Neutral	-	20.97	9.68	0.04	9.90			
QP	193.664k	54.08	63.88	-9.80	19.62	Neutral	-	34.46	9.68	0.04	9.90			
AV	193.664k	35.79	53.88	-18.09	19.62	Neutral	-	16.17	9.68	0.04	9.90			
QP	254.063k	45.40	61.62	-16.22	19.63	Neutral	-	25.77	9.68	0.05	9.90			
AV	254.063k	29.39	51.62	-22.23	19.63	Neutral	-	9.76	9.68	0.05	9.90			
QP	644.016k	33.54	56.00	-22.46	19.59	Neutral	-	13.95	9.67	0.07	9.85			
AV	644.016k	23.52	46.00	-22.48	19.59	Neutral	-	3.93	9.67	0.07	9.85			
QP	3.701M	42.52	56.00	-13.48	19.72	Neutral	-	22.80	9.69	0.14	9.89			
AV	3.701M	36.23	46.00	-9.77	19.72	Neutral	-	16.51	9.69	0.14	9.89			
QP	27.453M	33.10	60.00	-26.90	19.94	Neutral	-	13.16	9.71	0.33	9.90			
AV	27.453M	29.06	50.00	-20.94	19.94	Neutral	-	9.12	9.71	0.33	9.90			



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.64M	16.462M	16M5D1D	20.31M	16.432M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.96M	18.951M	19M0D1D	21.18M	18.921M
802.11ax HEW40_Nss1,(MCS0)_2TX	41.4M	38.021M	38M0D1D	40.98M	37.901M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.8M	77.481M	77M5D1D	82.2M	77.241M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.29M	16.462M	16M5D1D	3.12M	3.658M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.18M	18.951M	19M0D1D	4.34M	4.558M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.68M	37.901M	37M9D1D	3.96M	4.118M
802.11ax HEW80_Nss1,(MCS0)_2TX	74.16M	77.841M	77M8D1D	4.06M	4.158M

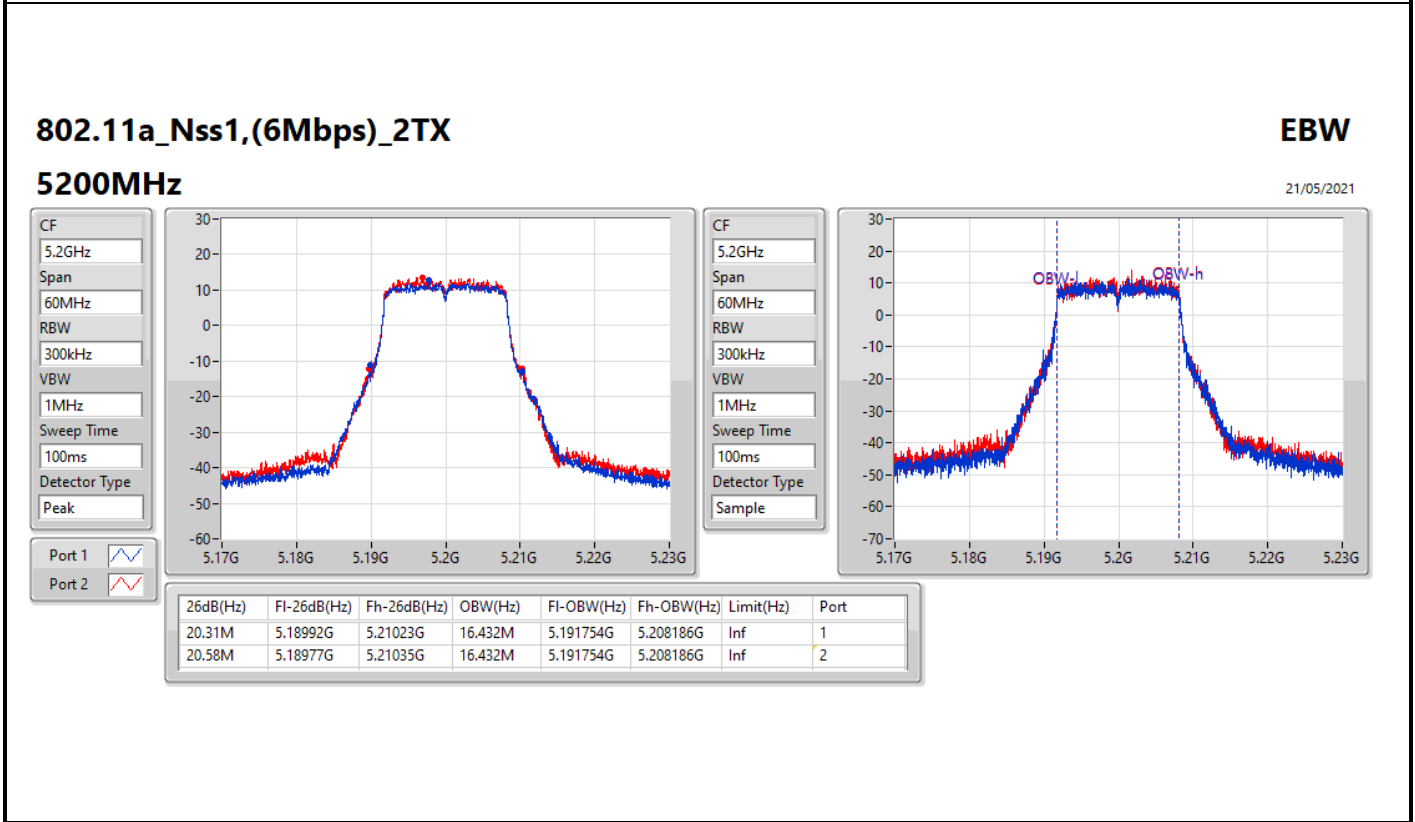
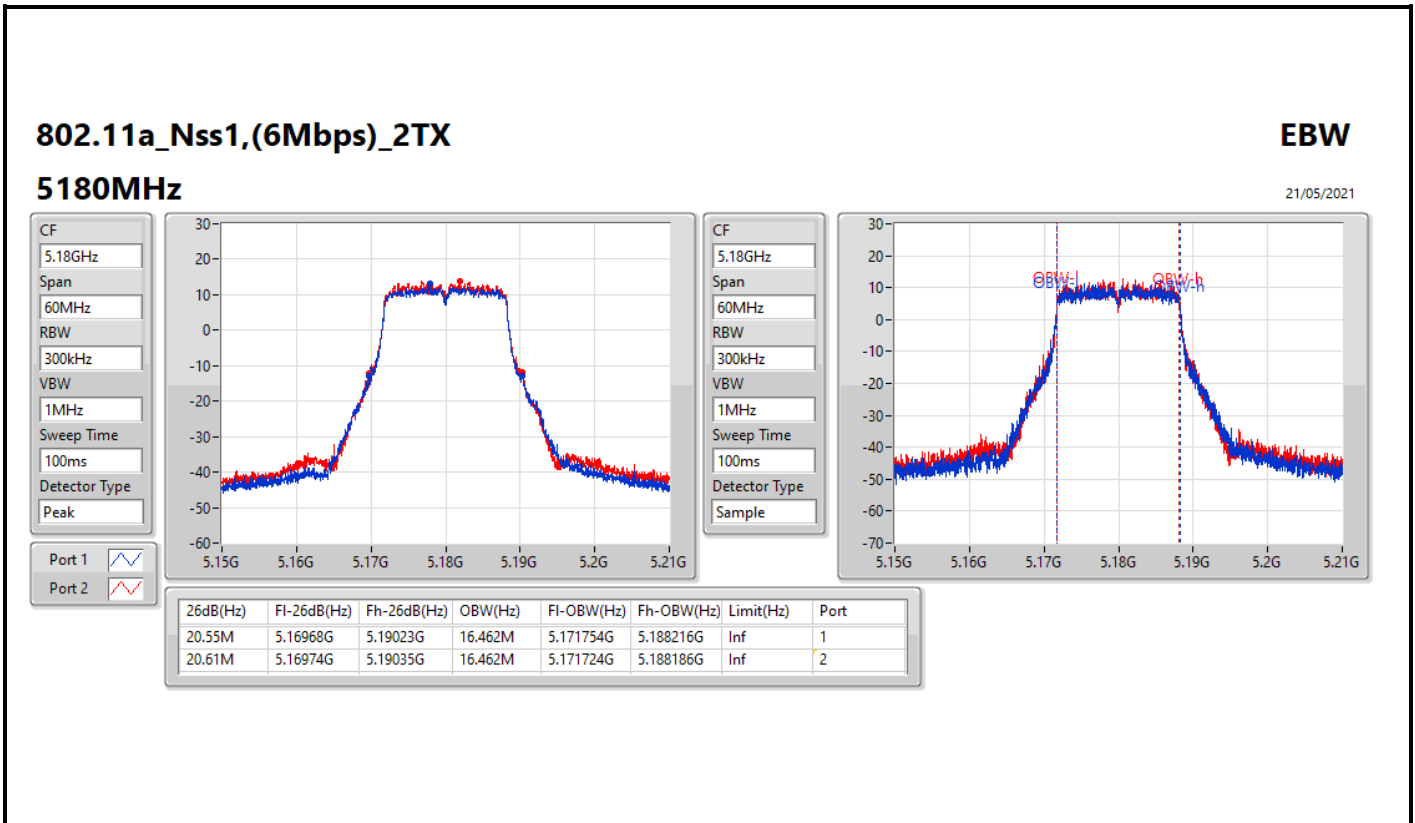
Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth

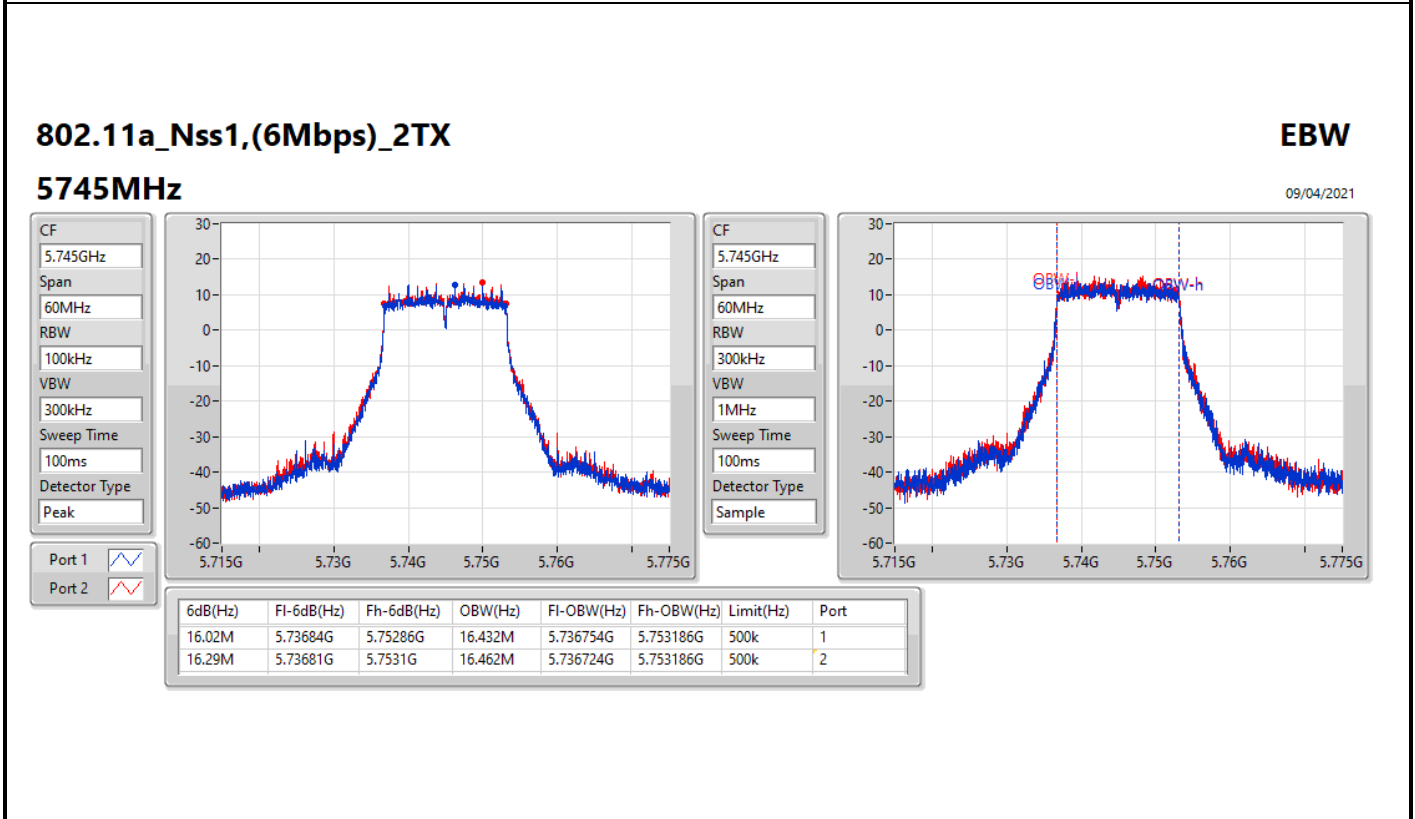
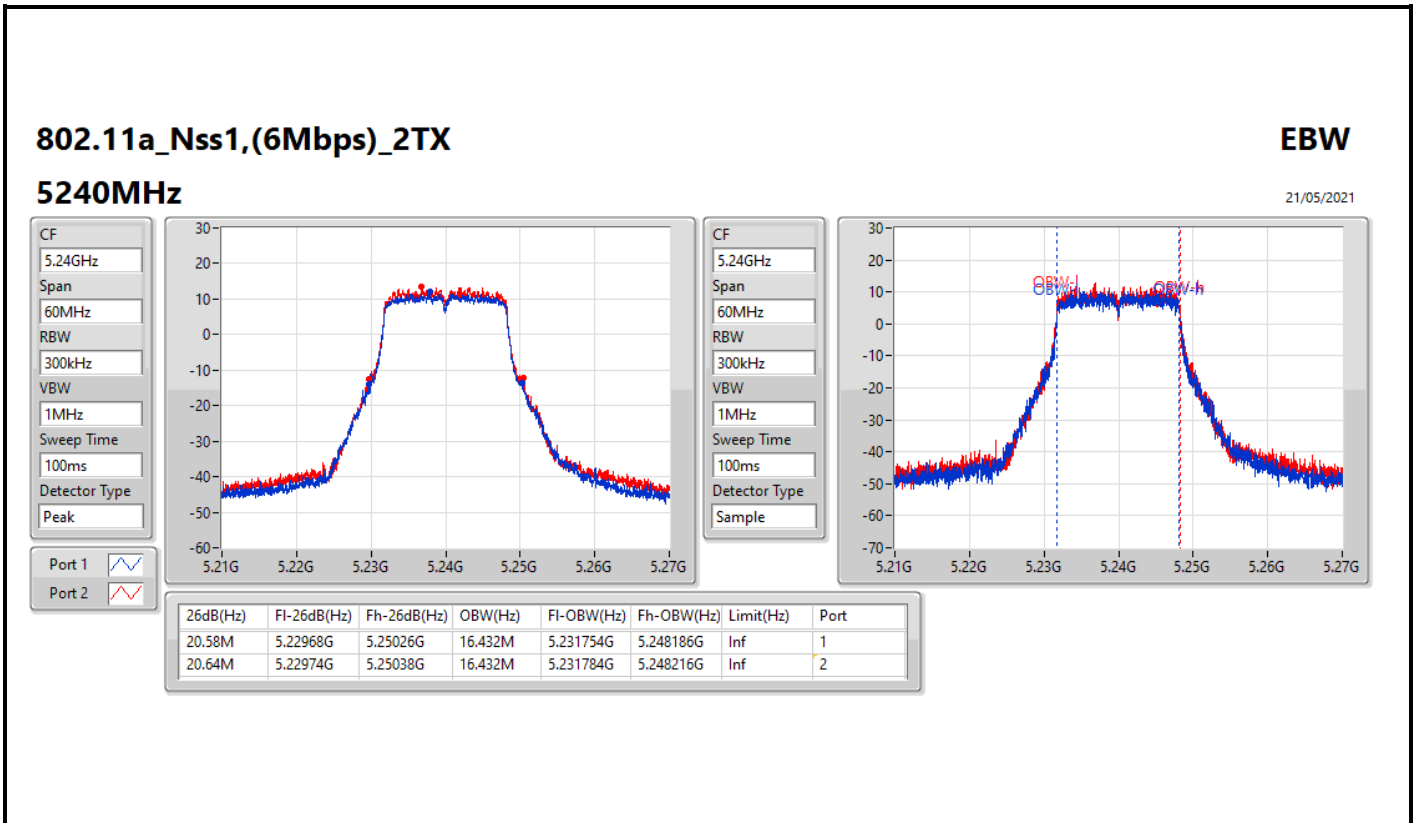


Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.55M	16.462M	20.61M	16.462M
5200MHz	Pass	Inf	20.31M	16.432M	20.58M	16.432M
5240MHz	Pass	Inf	20.58M	16.432M	20.64M	16.432M
5745MHz	Pass	500k	16.02M	16.432M	16.29M	16.462M
5785MHz	Pass	500k	16.29M	16.462M	16.02M	16.462M
5825MHz	Pass	500k	15.75M	16.432M	15.99M	16.432M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.87M	18.921M	21.54M	18.951M
5200MHz	Pass	Inf	21.45M	18.951M	21.96M	18.921M
5240MHz	Pass	Inf	21.18M	18.951M	21.39M	18.921M
5745MHz	Pass	500k	17.52M	18.921M	17.22M	18.861M
5785MHz	Pass	500k	18.15M	18.951M	18.18M	18.951M
5825MHz	Pass	500k	17.73M	18.951M	17.43M	18.951M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	41.04M	38.021M	41.4M	37.961M
5230MHz	Pass	Inf	40.98M	37.901M	41.34M	38.021M
5755MHz	Pass	500k	37.68M	37.901M	37.56M	37.901M
5795MHz	Pass	500k	37.44M	37.841M	37.5M	37.901M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	82.8M	77.241M	82.2M	77.481M
5775MHz	Pass	500k	74.16M	77.481M	70.2M	77.841M

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





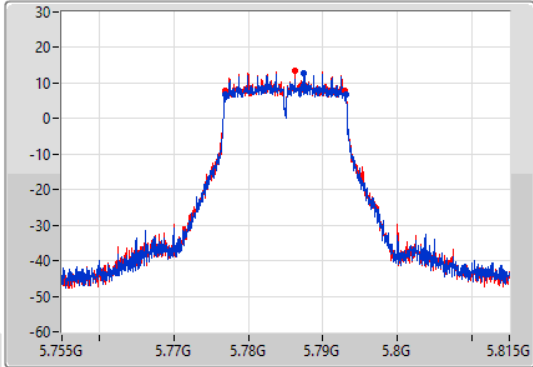
802.11a_Nss1,(6Mbps)_2TX

EBW

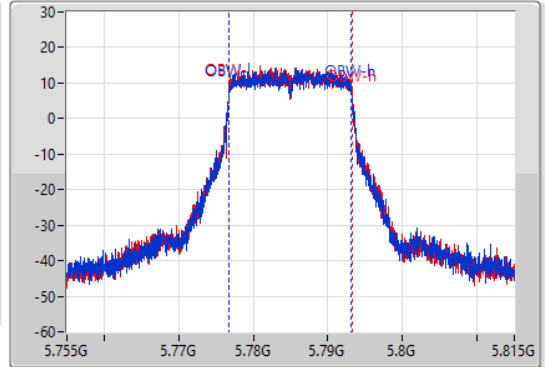
5785MHz

09/04/2021

CF
5.785GHz
Span
60MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
5.785GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.29M	5.77684G	5.79313G	16.462M	5.776724G	5.793186G	500k	1
16.02M	5.77684G	5.79286G	16.462M	5.776754G	5.793216G	500k	2

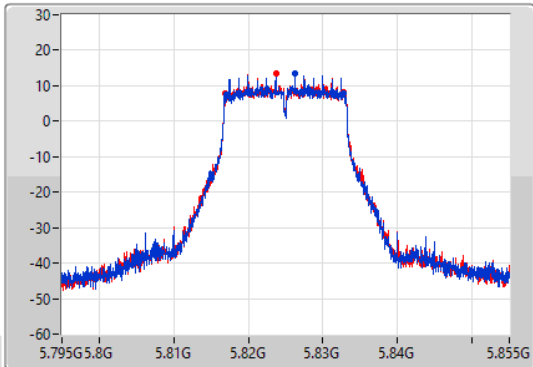
802.11a_Nss1,(6Mbps)_2TX

EBW

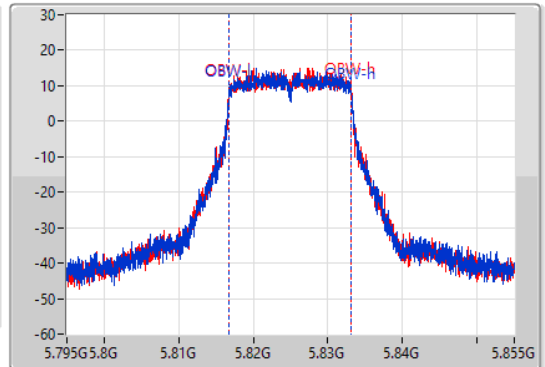
5825MHz

09/04/2021

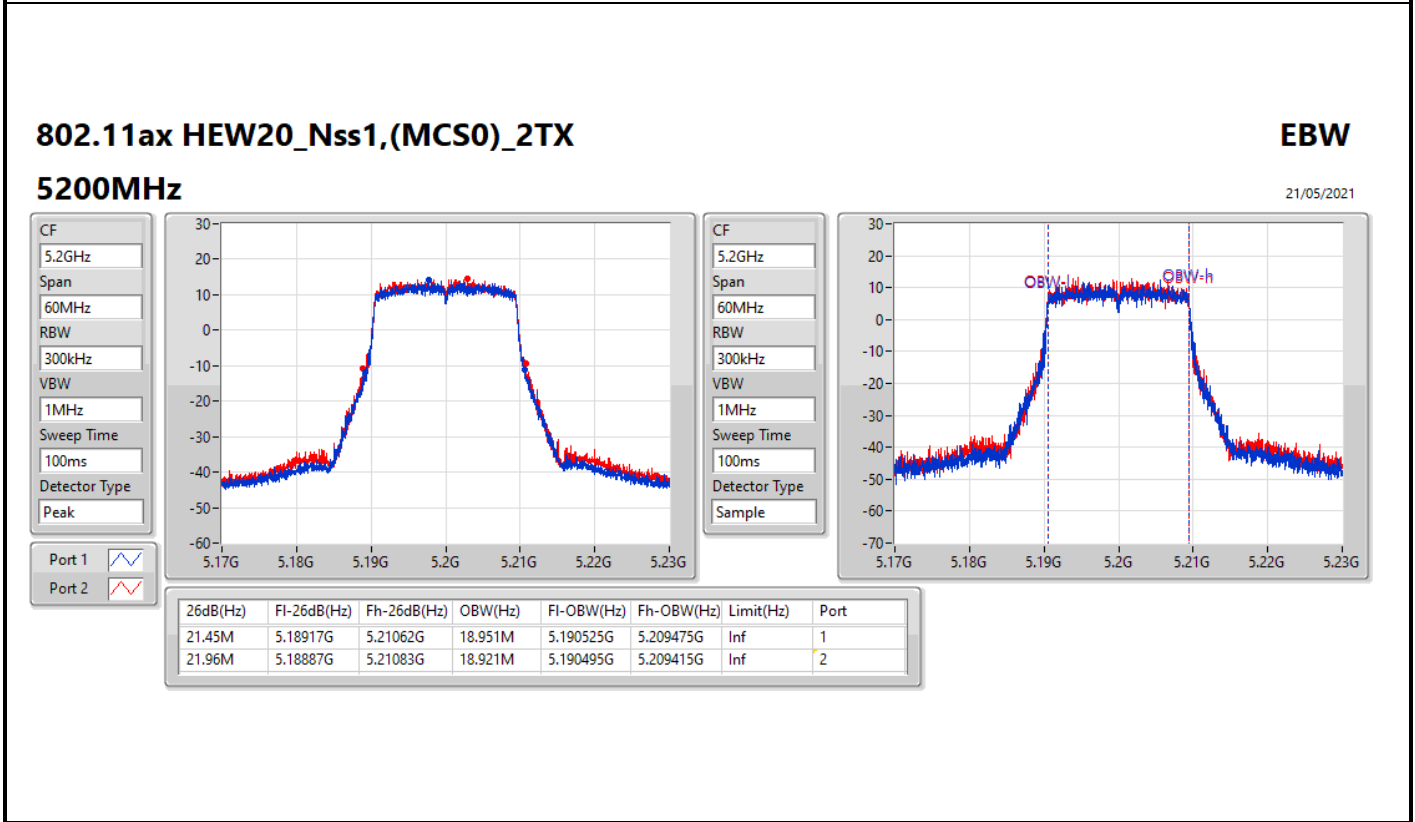
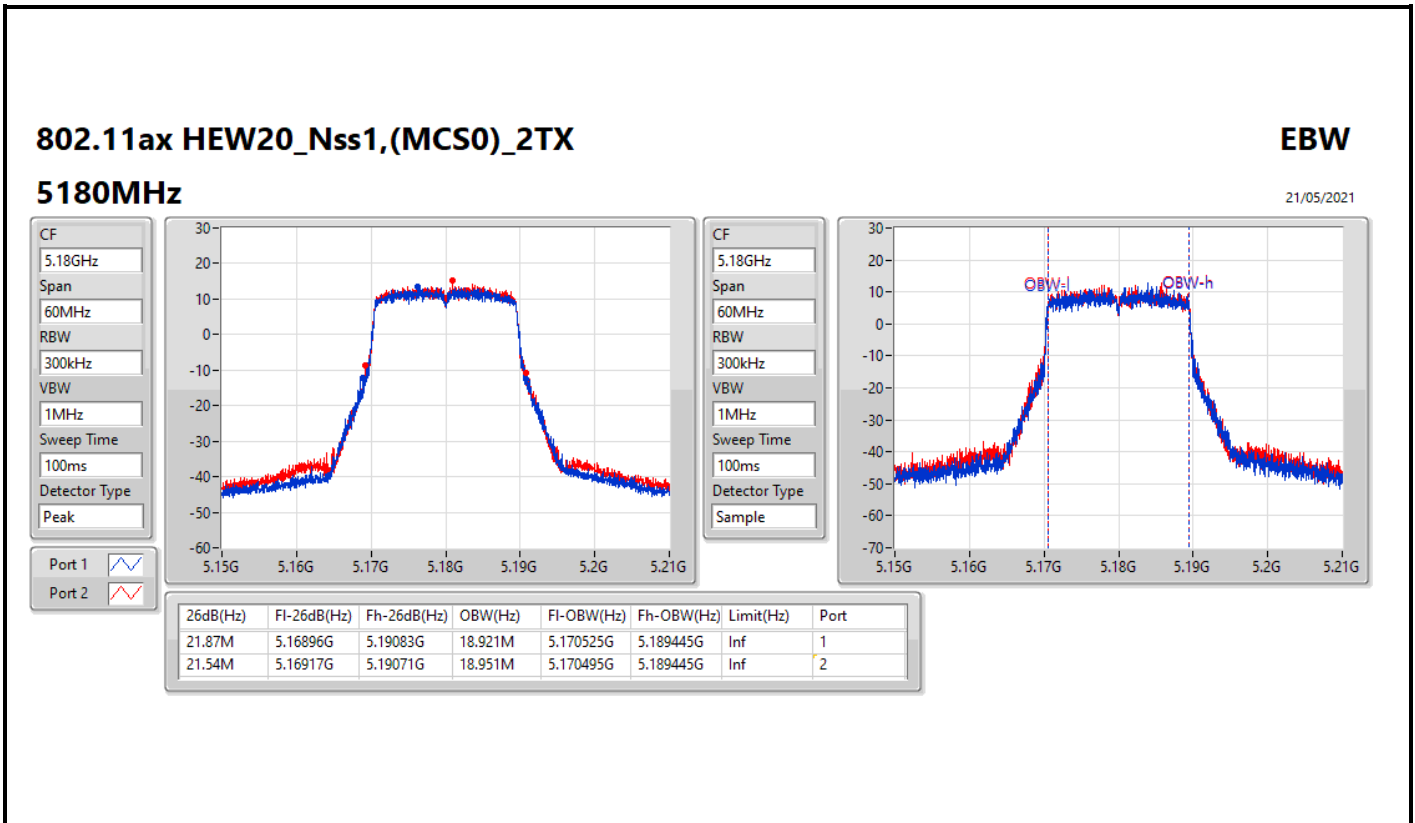
CF
5.825GHz
Span
60MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak

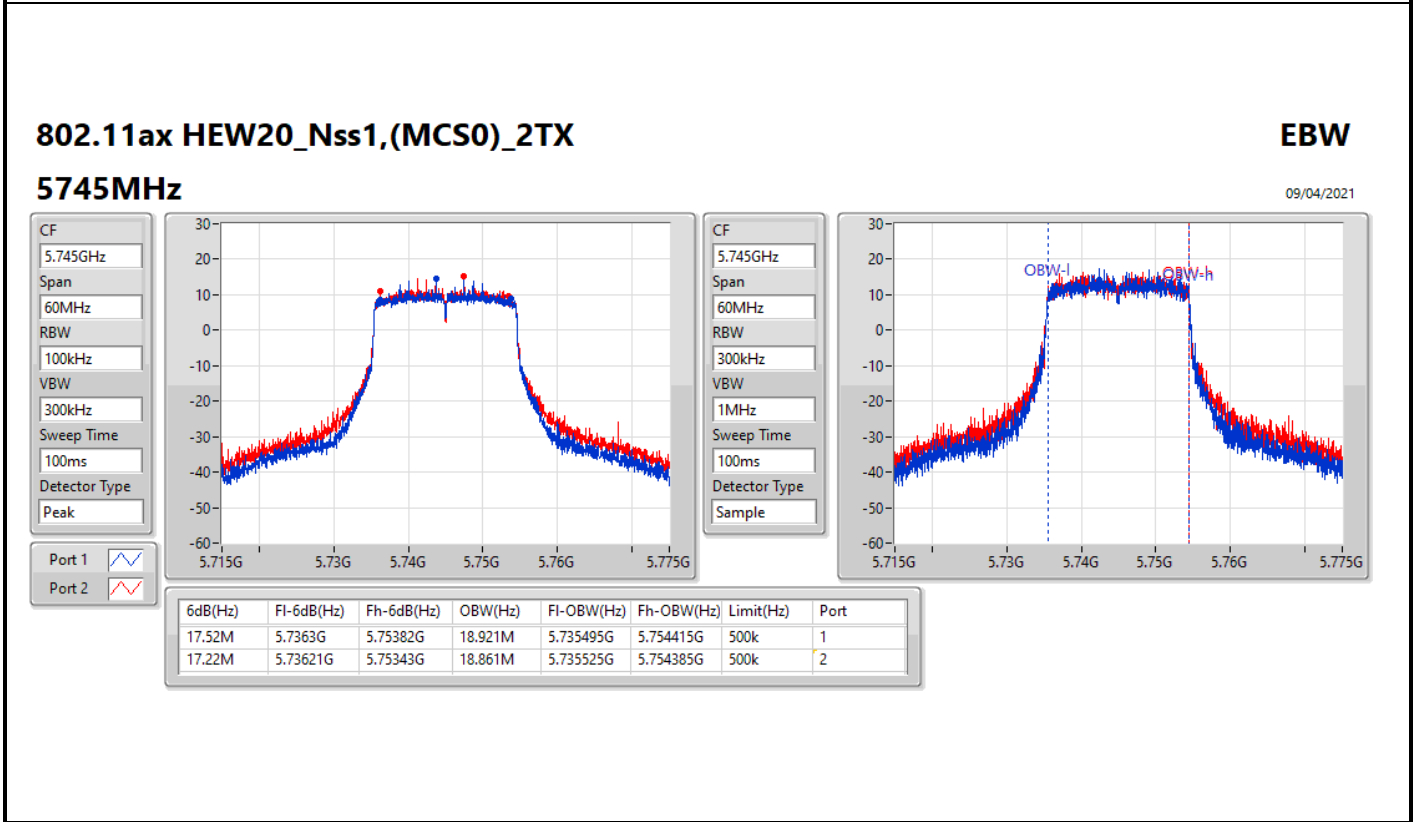
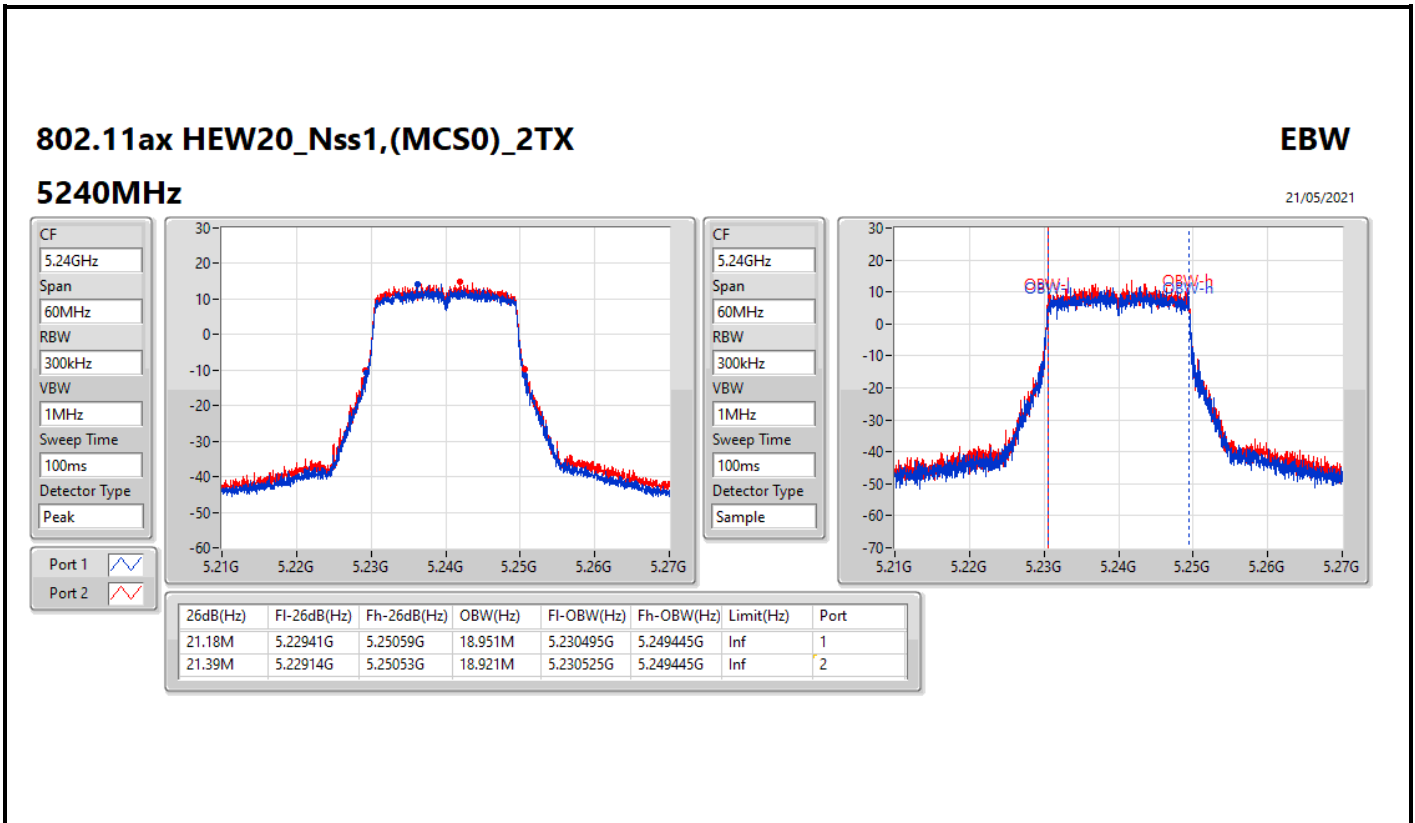


CF
5.825GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.75M	5.81708G	5.83283G	16.432M	5.816754G	5.833186G	500k	1
15.99M	5.81684G	5.83283G	16.432M	5.816754G	5.833186G	500k	2



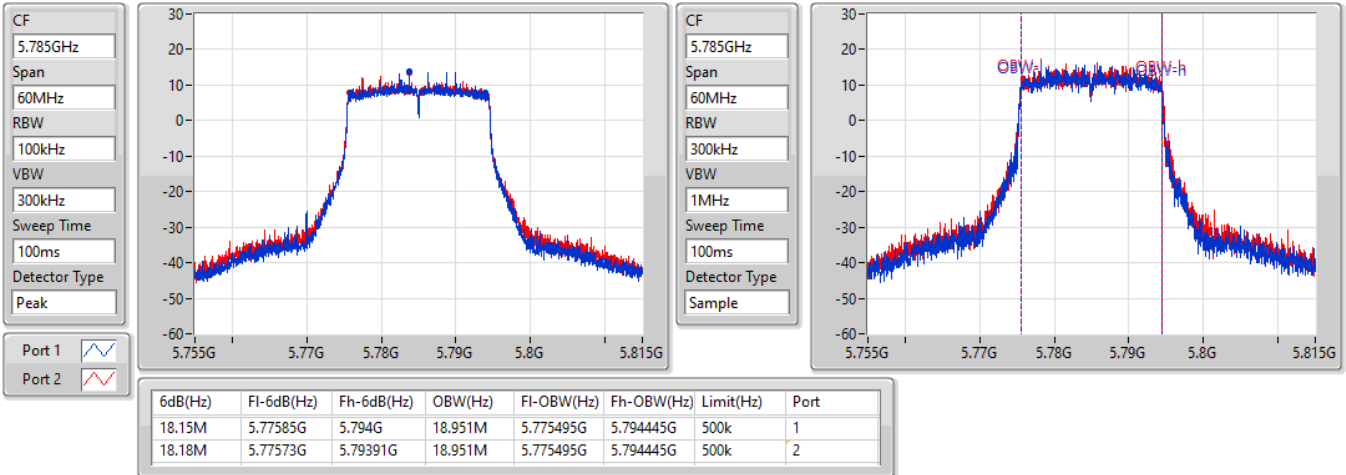


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5785MHz

09/04/2021

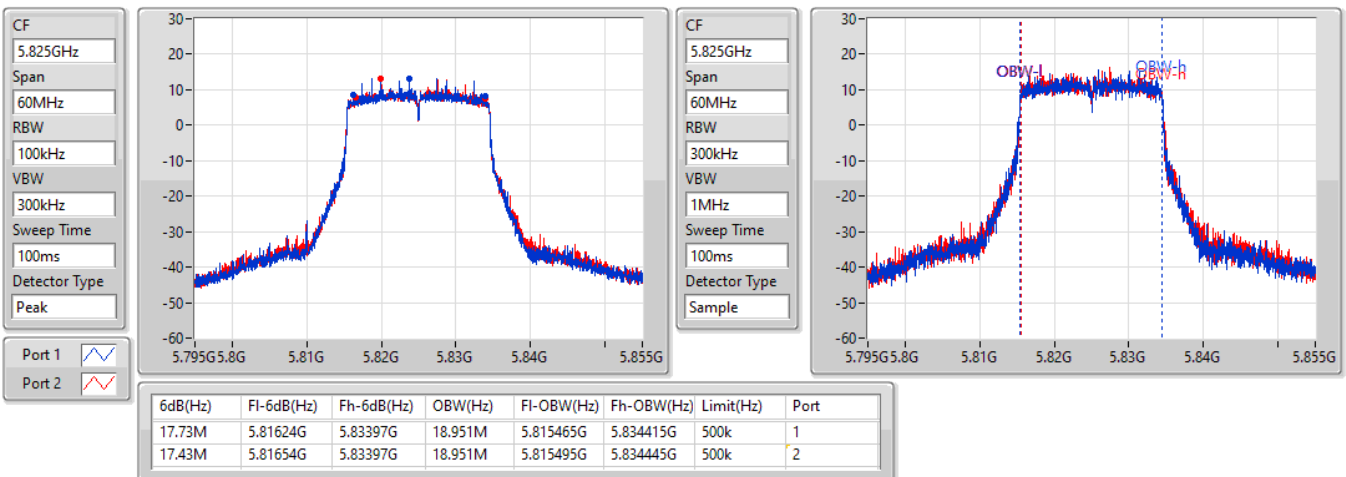


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5825MHz

09/04/2021

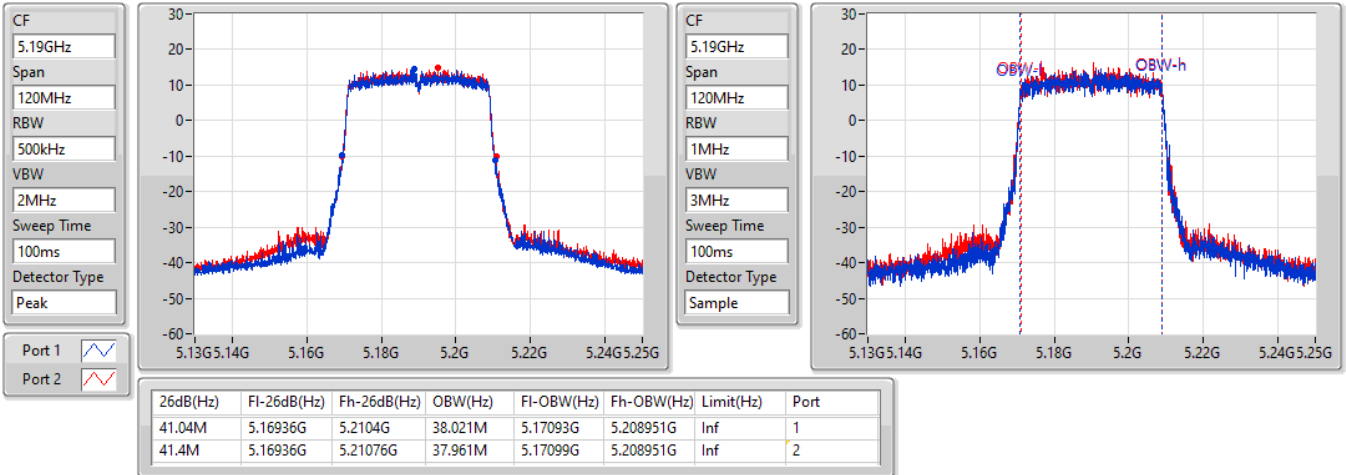


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5190MHz

21/05/2021

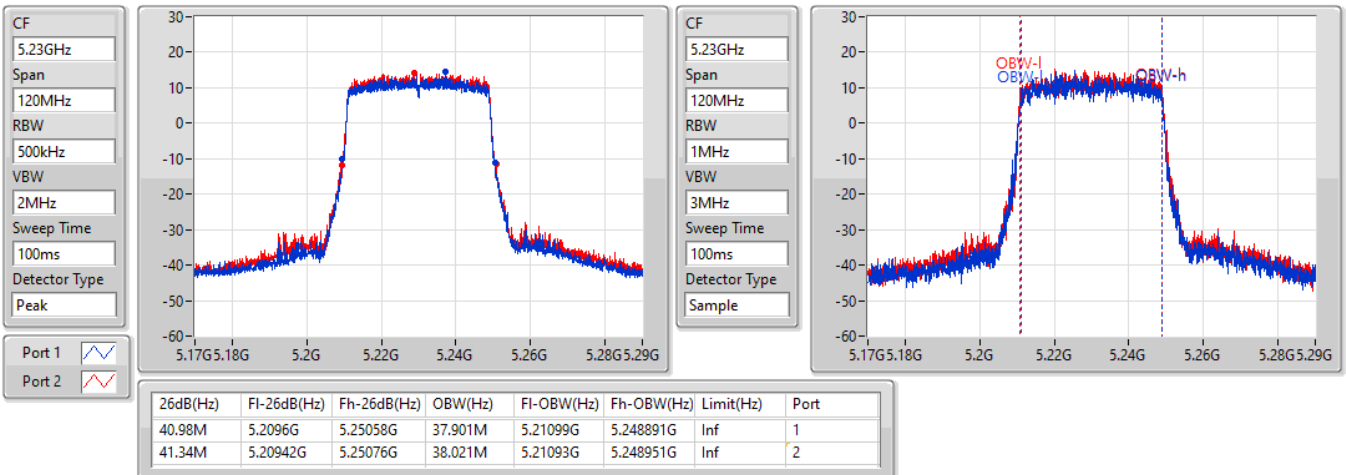


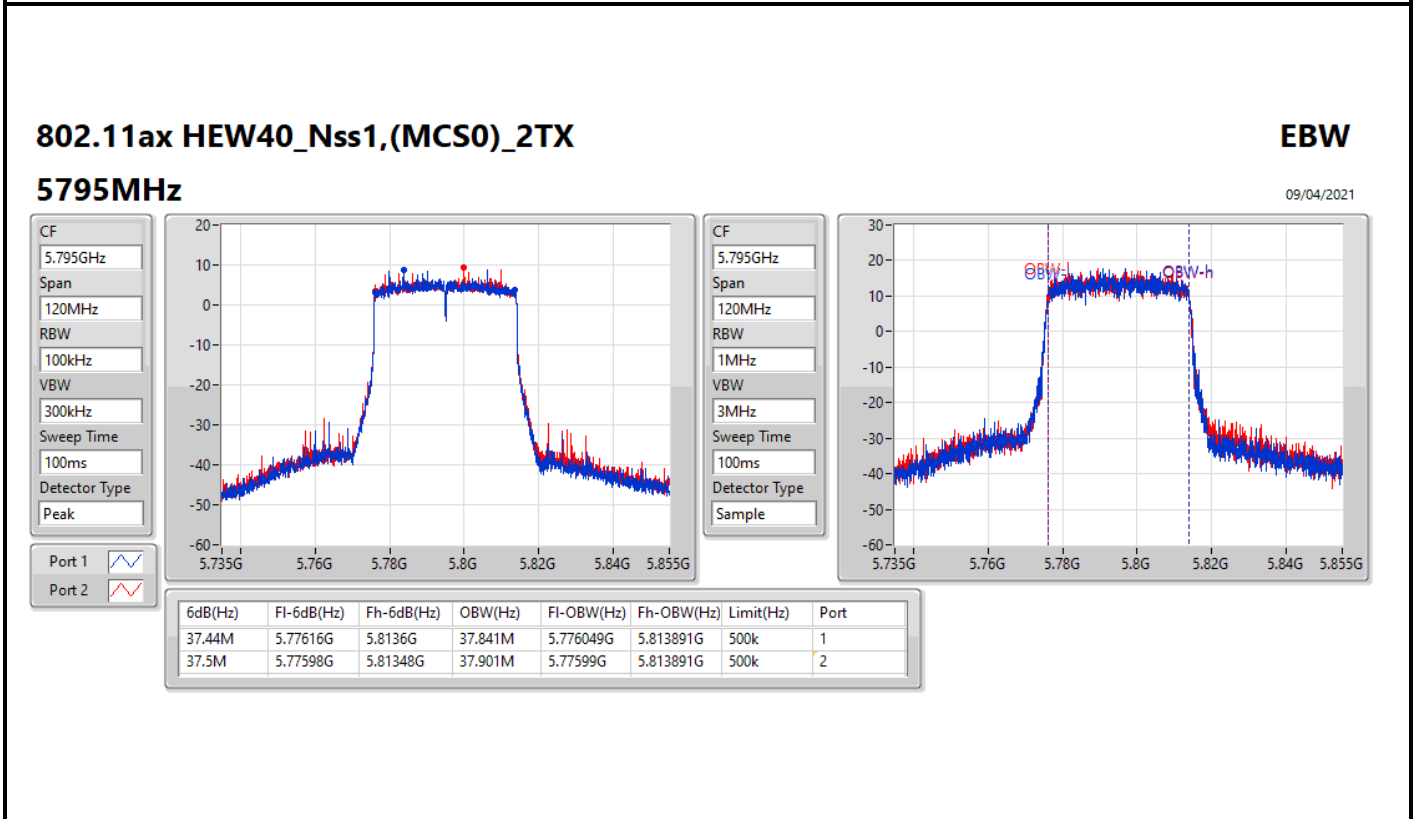
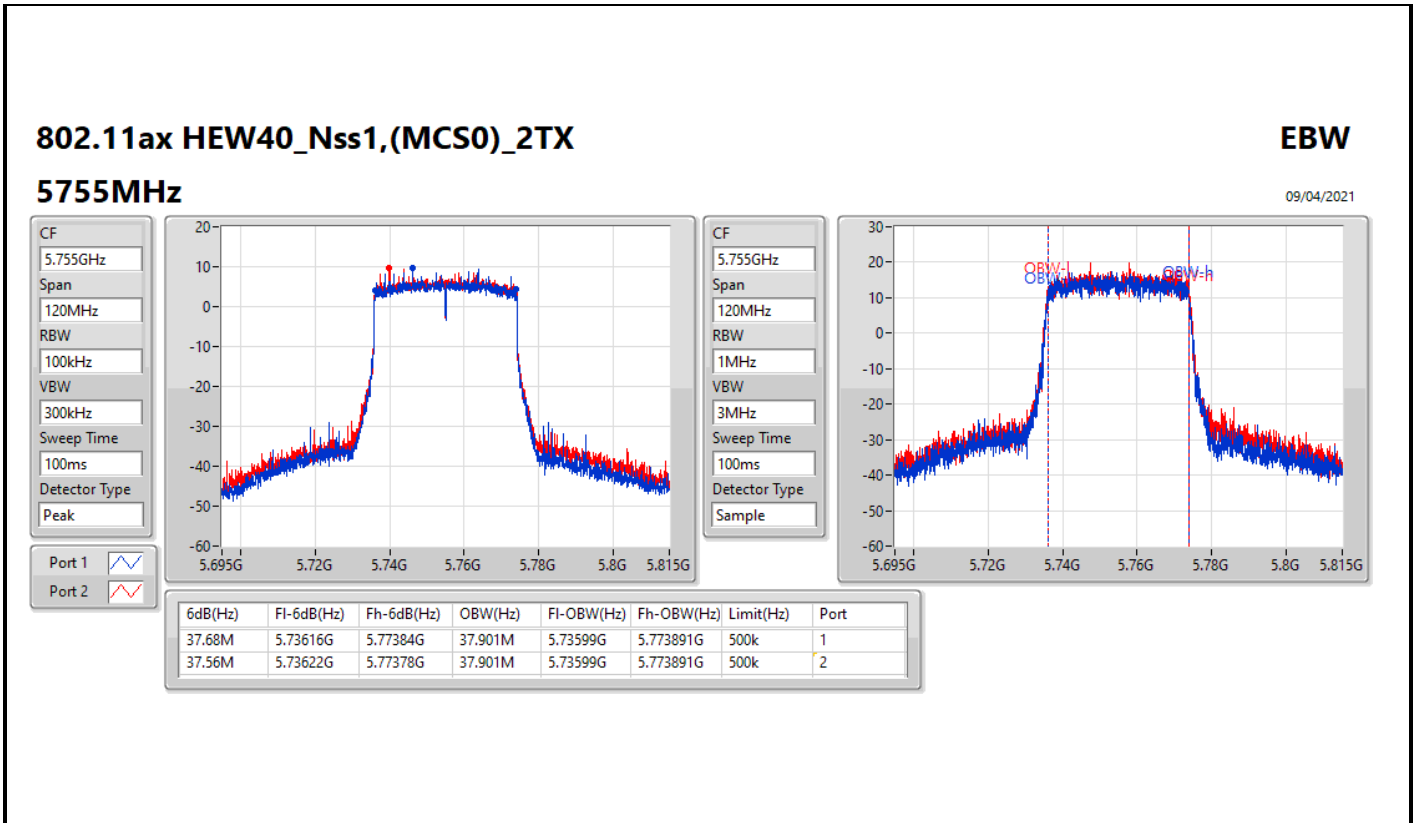
802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5230MHz

21/05/2021



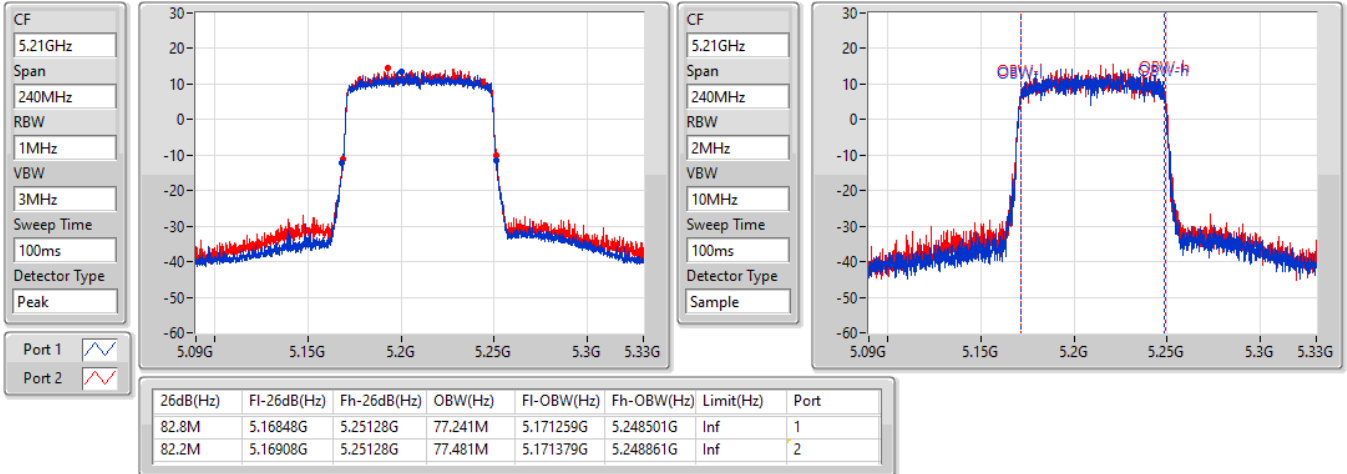


802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5210MHz

21/05/2021

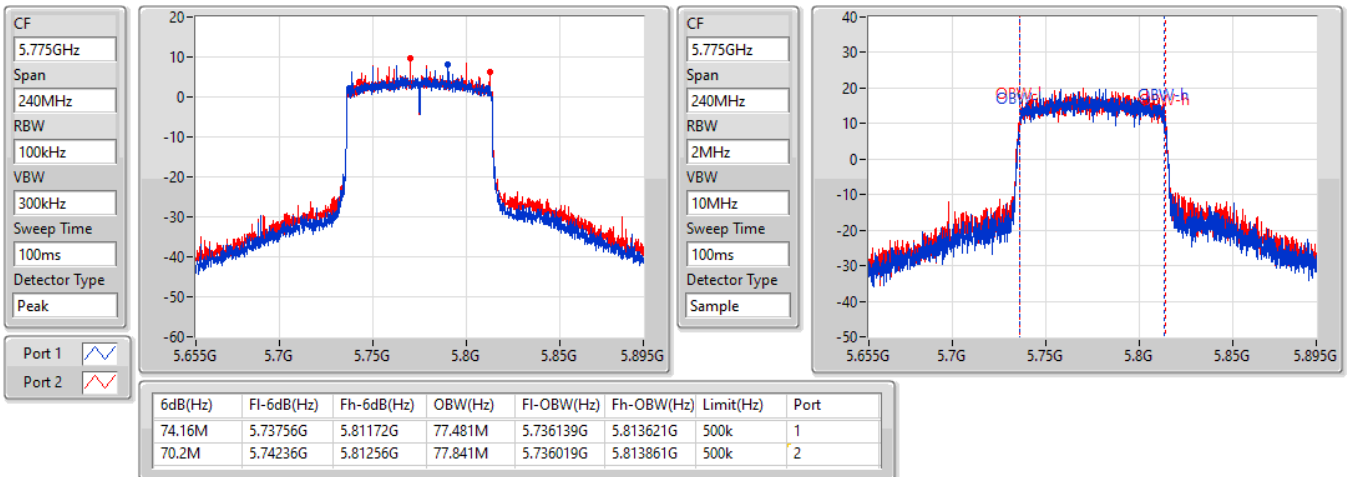


802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5775MHz

09/04/2021





Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	22.95M	19.07M	19M1D1D	22.38M	18.981M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	43.74M	38.321M	38M3D1D	42.12M	37.961M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	84.6M	77.841M	77M8D1D	83.76M	77.481M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	19.08M	19.07M	19M1D1D	4.54M	4.558M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	38.1M	38.261M	38M3D1D	4M	4.118M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	75.12M	78.081M	78M1D1D	4.06M	4.238M

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



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	22.83M	19.04M	22.59M	19.07M
5200MHz	Pass	Inf	22.95M	19.01M	22.41M	19.04M
5240MHz	Pass	Inf	22.38M	18.981M	22.47M	19.04M
5745MHz	Pass	500k	19.02M	19.07M	19.08M	19.01M
5785MHz	Pass	500k	19.05M	19.04M	18.78M	19.04M
5825MHz	Pass	500k	19.05M	19.04M	19.05M	19.04M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	42.12M	37.961M	43.02M	38.141M
5230MHz	Pass	Inf	43.74M	38.081M	42.78M	38.321M
5755MHz	Pass	500k	38.04M	38.081M	38.1M	38.141M
5795MHz	Pass	500k	37.56M	38.261M	33.3M	38.201M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	84.6M	77.481M	83.76M	77.841M
5775MHz	Pass	500k	75.12M	78.081M	73.2M	77.841M

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

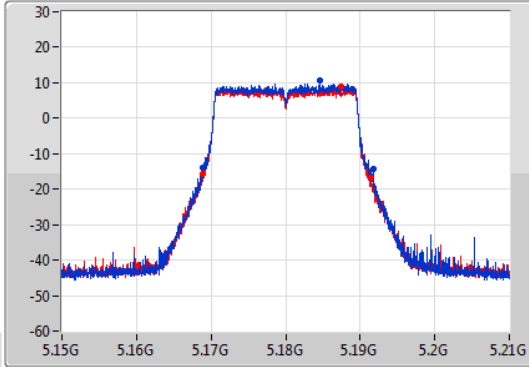
802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

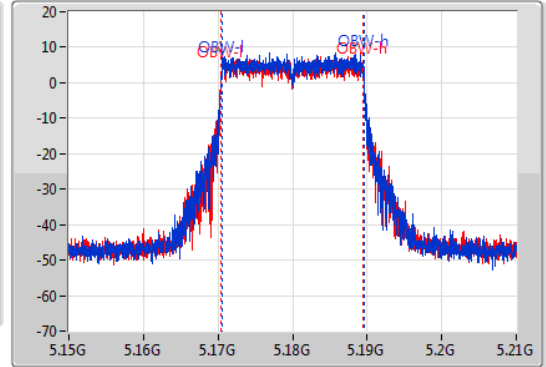
5180MHz

04/06/2021

CF: 5.18GHz
 Span: 60MHz
 RBW: 300kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak



CF: 5.18GHz
 Span: 60MHz
 RBW: 300kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Sample



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.83M	5.16887G	5.1917G	19.04M	5.170495G	5.189535G	Inf	1
22.59M	5.16887G	5.19146G	19.07M	5.170435G	5.189505G	Inf	2

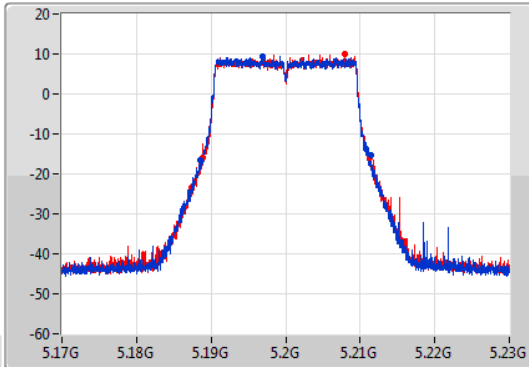
802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

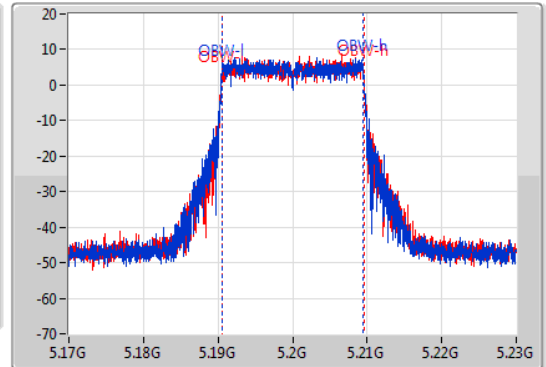
5200MHz

04/06/2021

CF: 5.2GHz
 Span: 60MHz
 RBW: 300kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak



CF: 5.2GHz
 Span: 60MHz
 RBW: 300kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Sample



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.95M	5.18851G	5.21146G	19.01M	5.190495G	5.209505G	Inf	1
22.41M	5.1889G	5.21131G	19.04M	5.190495G	5.209535G	Inf	2

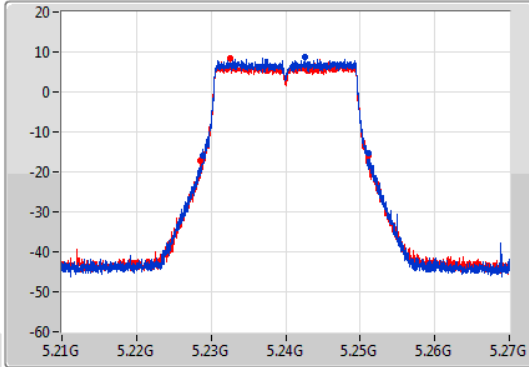
802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

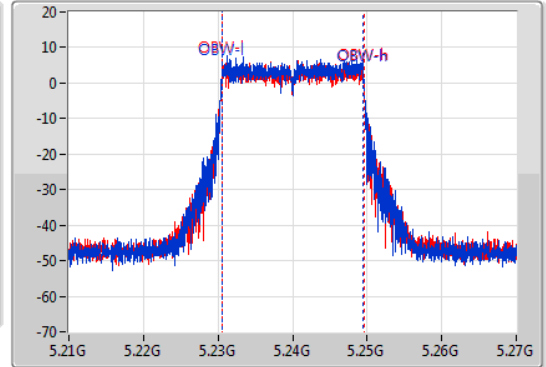
5240MHz

04/06/2021

CF
5.24GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.24GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.38M	5.22881G	5.25119G	18.981M	5.230525G	5.249505G	Inf	1
22.47M	5.22863G	5.2511G	19.04M	5.230495G	5.249535G	Inf	2

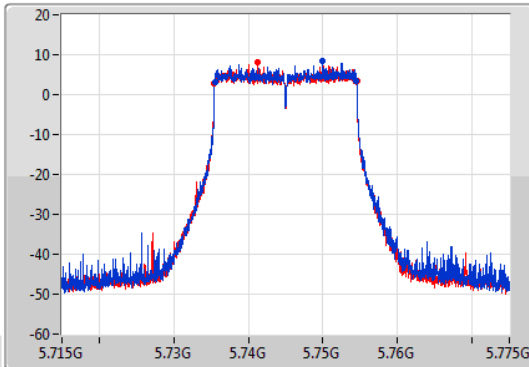
802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

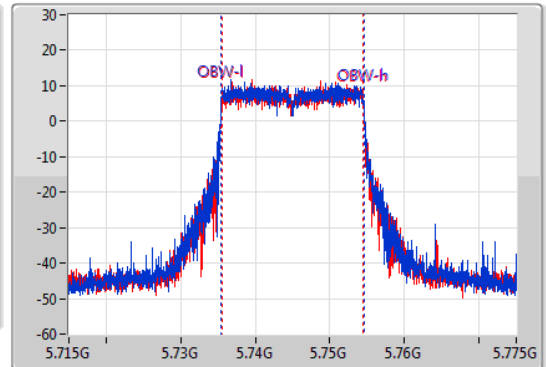
5745MHz

07/06/2021

CF
5.745GHz
Span
60MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
5.745GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.02M	5.73549G	5.75451G	19.07M	5.735465G	5.754535G	500k	1
19.08M	5.73546G	5.75454G	19.01M	5.735495G	5.754505G	500k	2

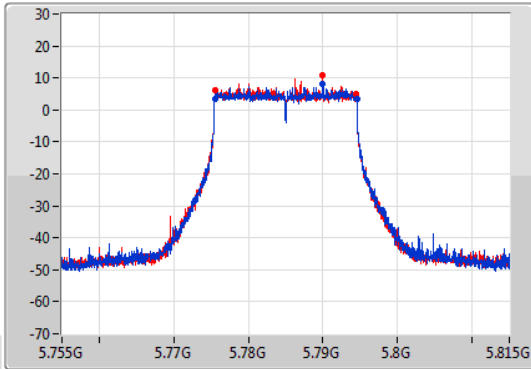
802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

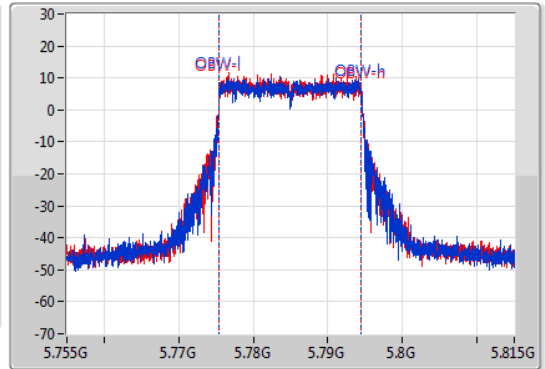
5785MHz

07/06/2021

CF
5.785GHz
Span
60MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
5.785GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.05M	5.77549G	5.79454G	19.04M	5.775465G	5.794505G	500k	1
18.78M	5.77561G	5.79439G	19.04M	5.775465G	5.794505G	500k	2

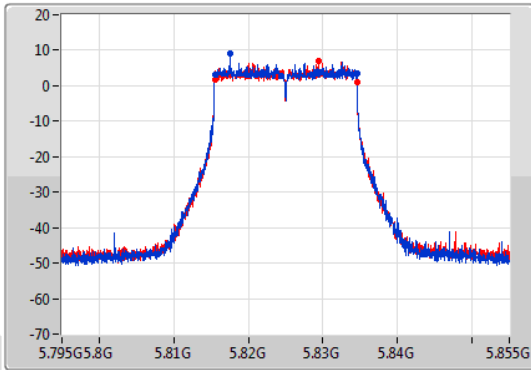
802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

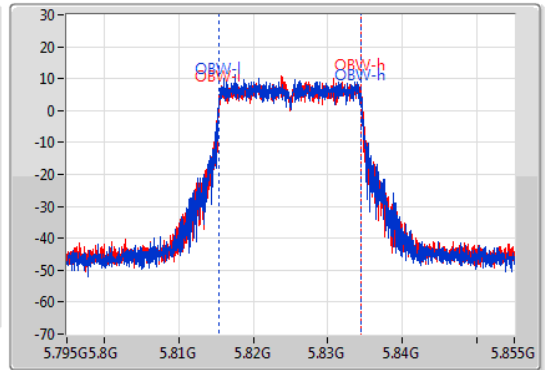
5825MHz

07/06/2021

CF
5.825GHz
Span
60MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
5.825GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.05M	5.81549G	5.83454G	19.04M	5.815465G	5.834505G	500k	1
19.05M	5.81549G	5.83454G	19.04M	5.815465G	5.834505G	500k	2

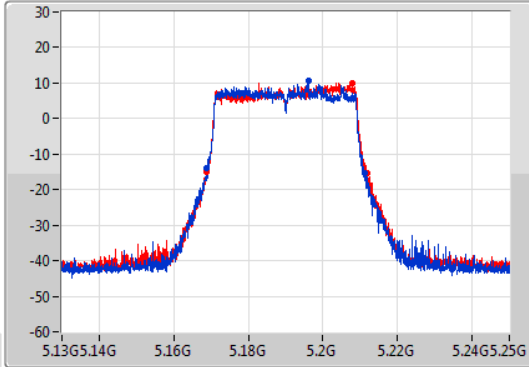
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

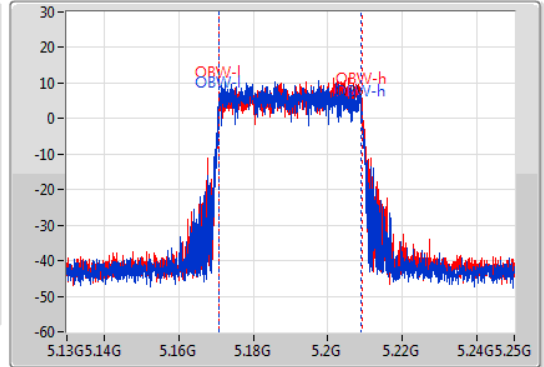
5190MHz

07/06/2021

CF
5.19GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.19GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Sample



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.12M	5.16894G	5.21106G	37.961M	5.17093G	5.208891G	Inf	1
43.02M	5.16882G	5.21184G	38.141M	5.17093G	5.20907G	Inf	2

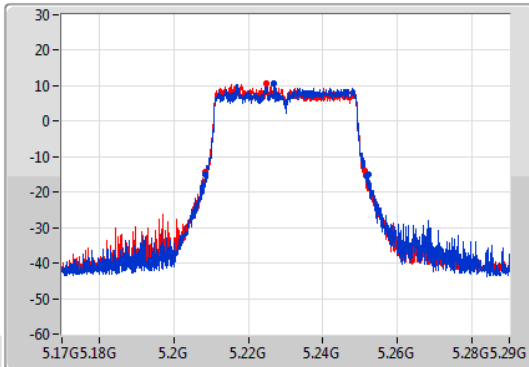
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

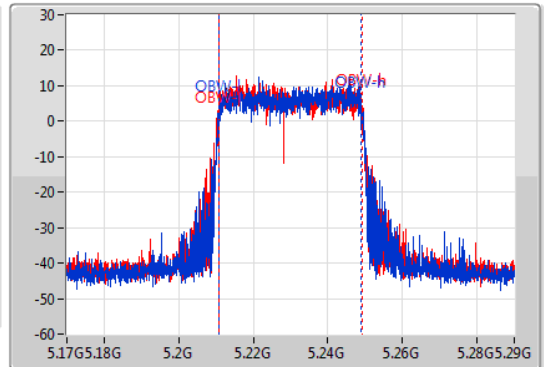
5230MHz

07/06/2021

CF
5.23GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.23GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Sample



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.74M	5.20834G	5.25208G	38.081M	5.21093G	5.24901G	Inf	1
42.78M	5.20858G	5.25136G	38.321M	5.21081G	5.24913G	Inf	2

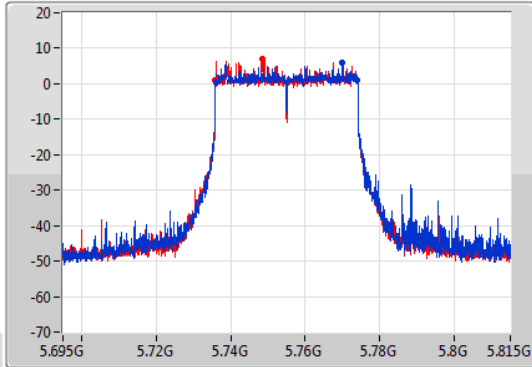
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

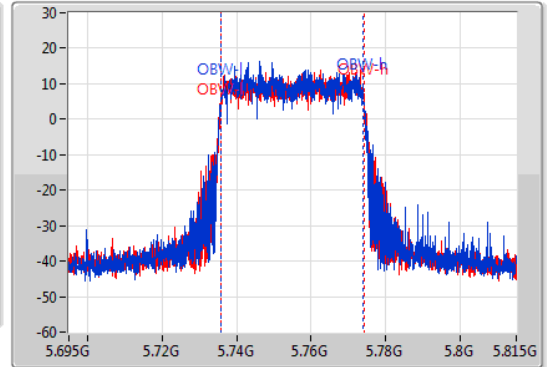
5755MHz

07/06/2021

CF
5.755GHz
Span
120MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
5.755GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Sample



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	38.081M	5.73593G	5.77401G	500k	1
38.1M	5.73592G	5.77402G	38.141M	5.73593G	5.77407G	500k	2

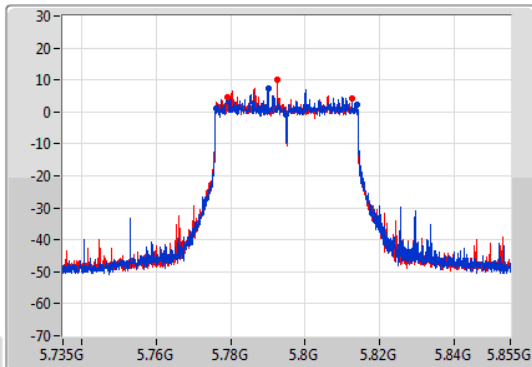
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

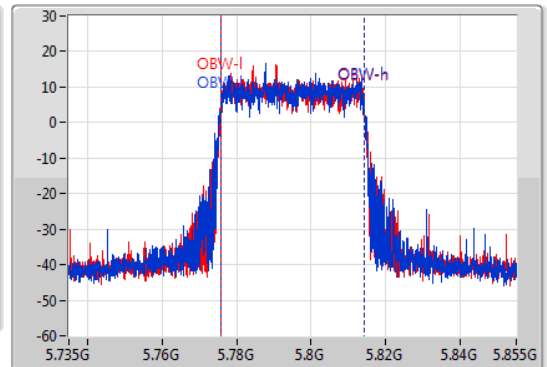
5795MHz

07/06/2021

CF
5.795GHz
Span
120MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
5.795GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.56M	5.77616G	5.81372G	38.261M	5.77581G	5.81407G	500k	1
33.3M	5.77922G	5.81252G	38.201M	5.77587G	5.81407G	500k	2

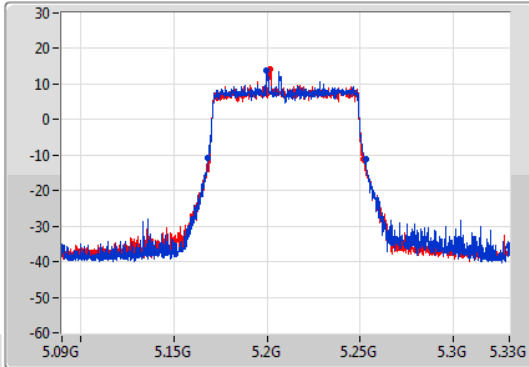
802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

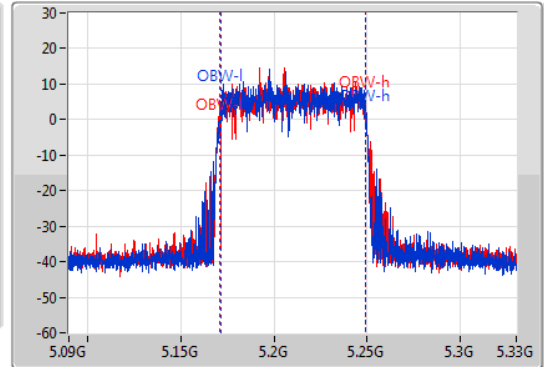
5210MHz

07/06/2021

CF
5.21GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.21GHz
Span
240MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Sample



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
84.6M	5.16824G	5.25284G	77.481M	5.171379G	5.248861G	Inf	1
83.76M	5.16824G	5.252G	77.841M	5.171139G	5.248981G	Inf	2

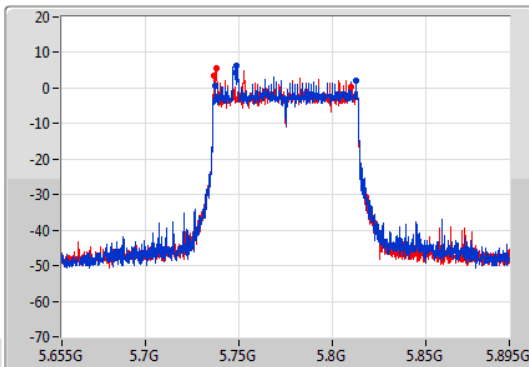
802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

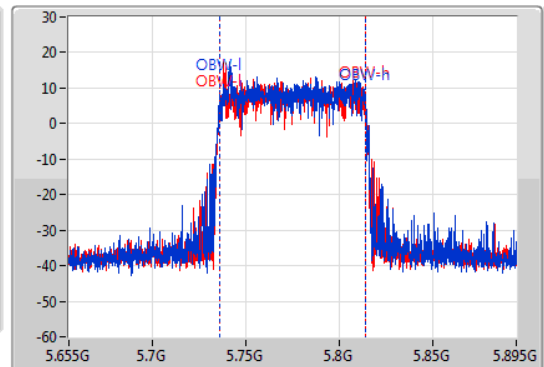
5775MHz

07/06/2021

CF
5.775GHz
Span
240MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
5.775GHz
Span
240MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.12M	5.73744G	5.81256G	78.081M	5.7359G	5.813981G	500k	1
73.2M	5.73684G	5.81004G	77.841M	5.736019G	5.813861G	500k	2



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.76M	16.462M	16M5D1D	20.52M	16.432M
802.11ax HEW20_Nss1,(MCS0)_2TX	22.23M	18.951M	19M0D1D	21.33M	18.921M
802.11ax HEW40_Nss1,(MCS0)_2TX	41.46M	37.961M	38M0D1D	40.8M	37.901M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.68M	77.601M	77M6D1D	82.68M	77.361M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.29M	16.462M	16M5D1D	3.12M	3.658M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.18M	18.951M	19M0D1D	4.34M	4.558M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.68M	37.901M	37M9D1D	3.96M	4.118M
802.11ax HEW80_Nss1,(MCS0)_2TX	74.16M	77.841M	77M8D1D	4.06M	4.158M

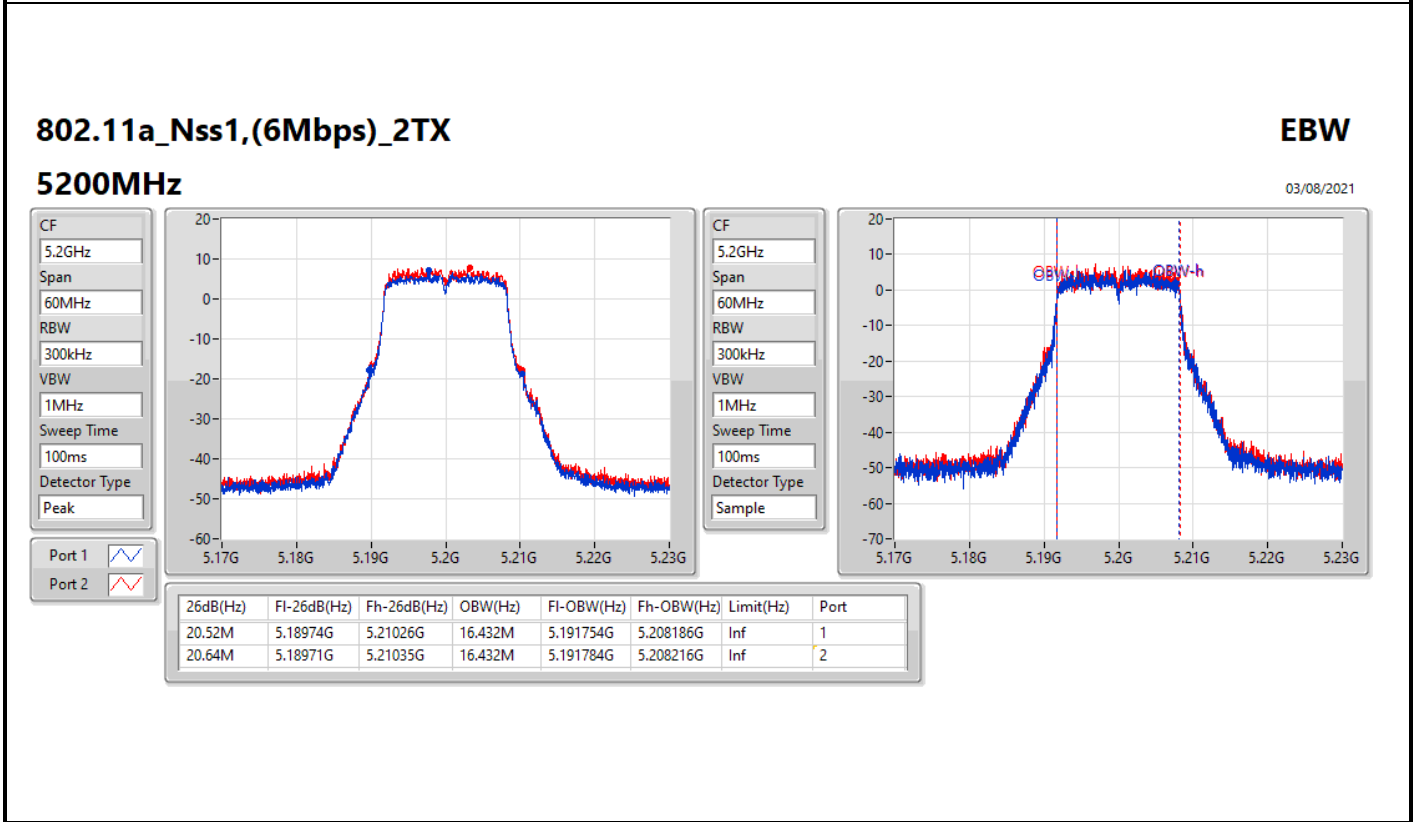
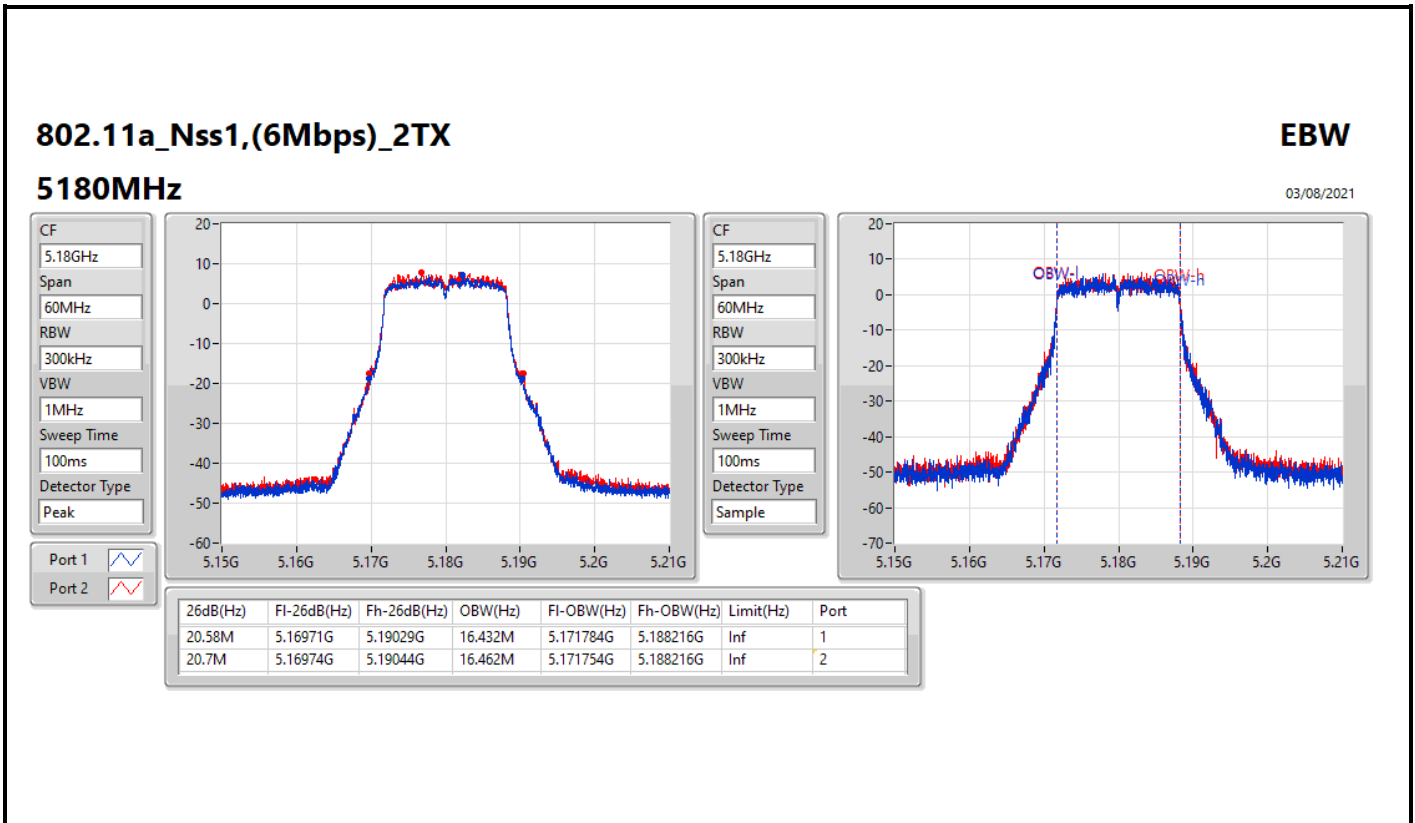
Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
 Max-OBW = Maximum 99% occupied bandwidth;
 Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
 Min-OBW = Minimum 99% occupied bandwidth

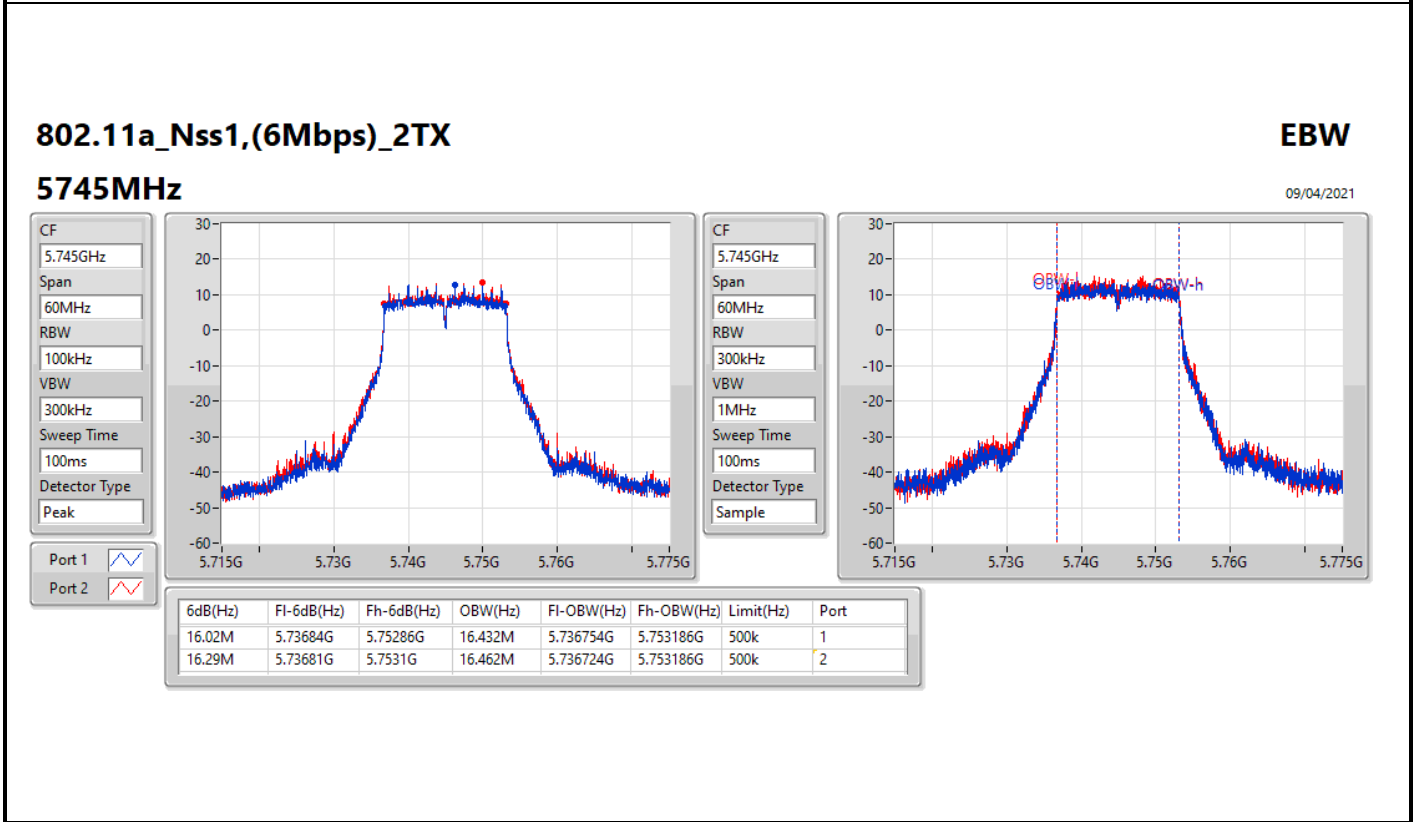
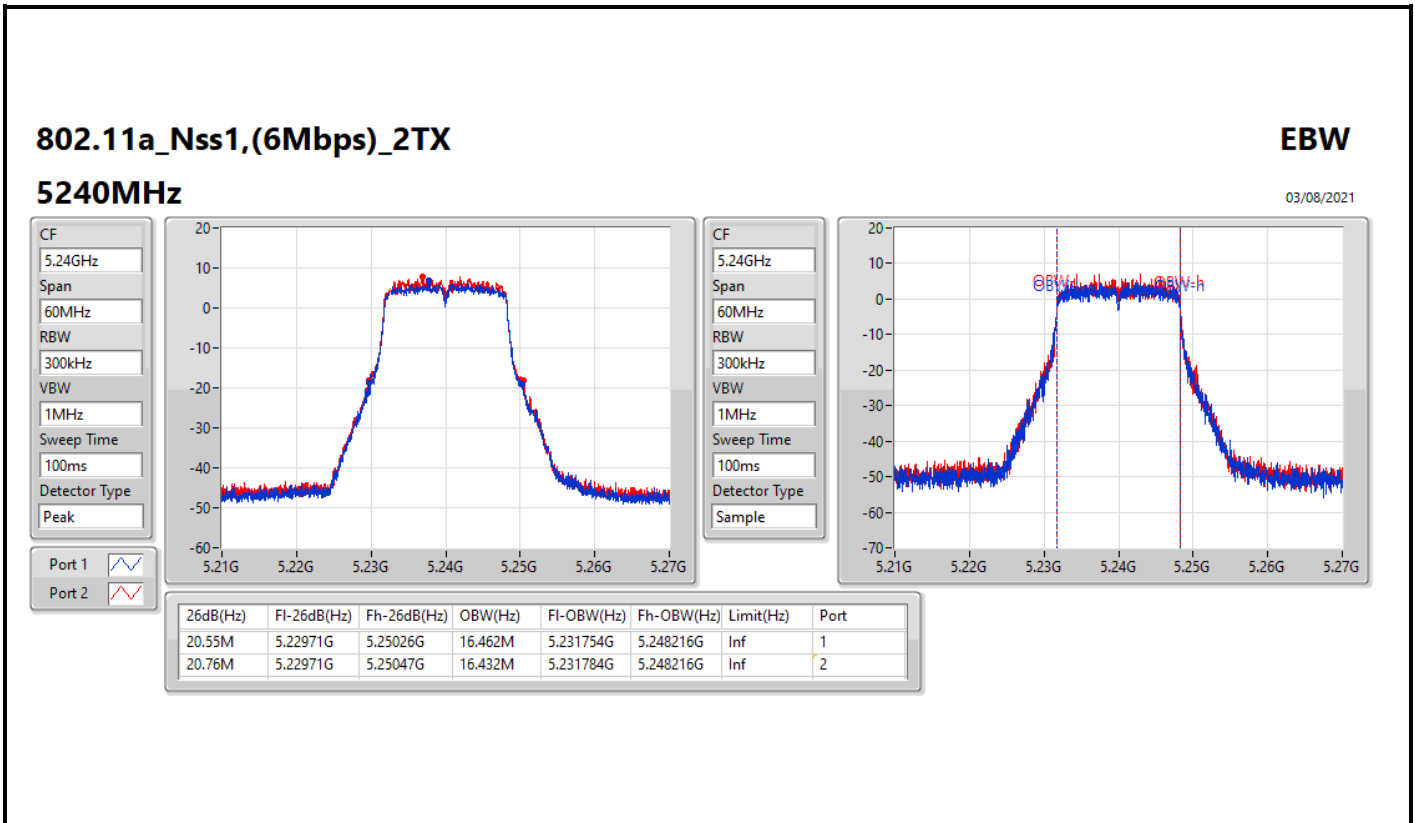


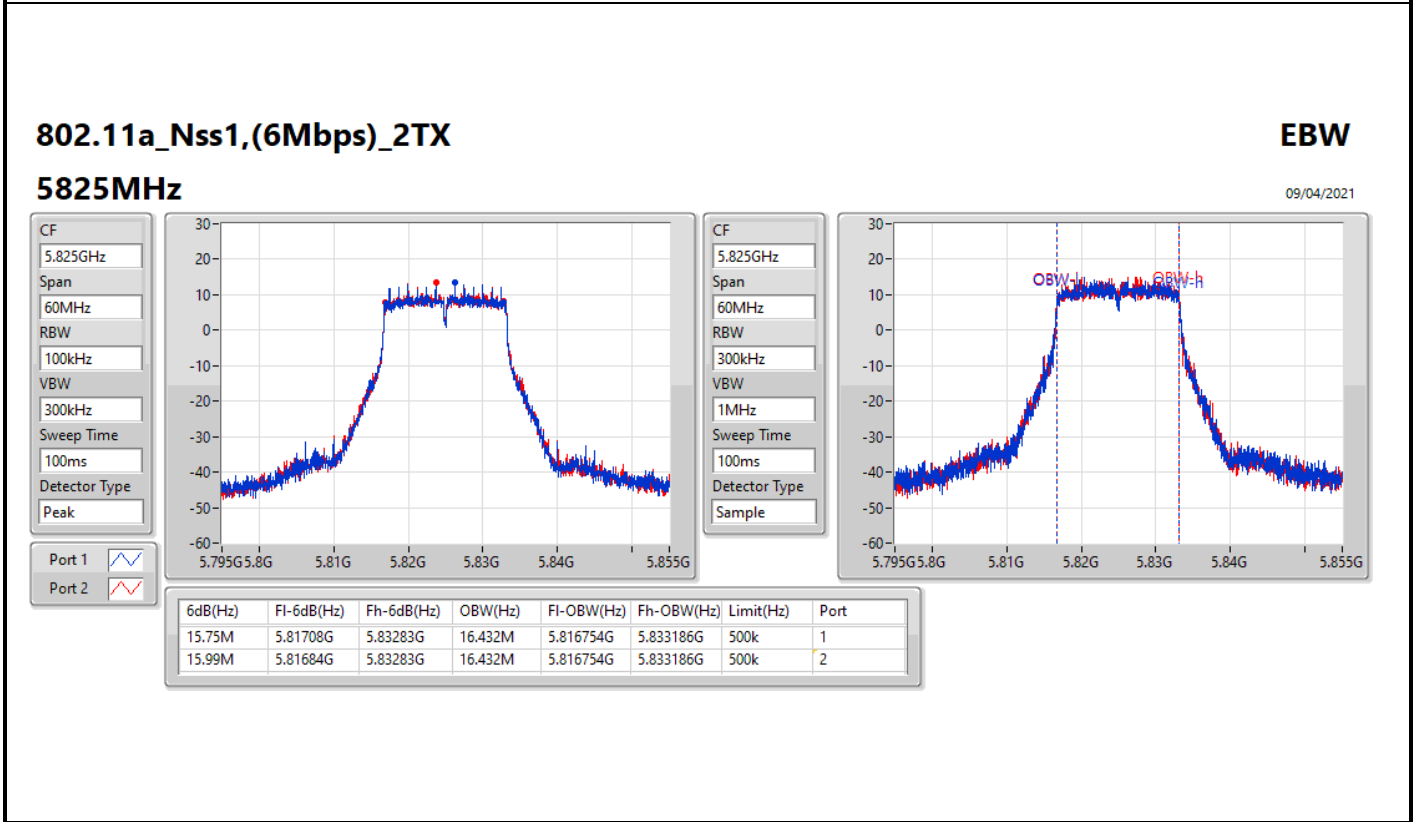
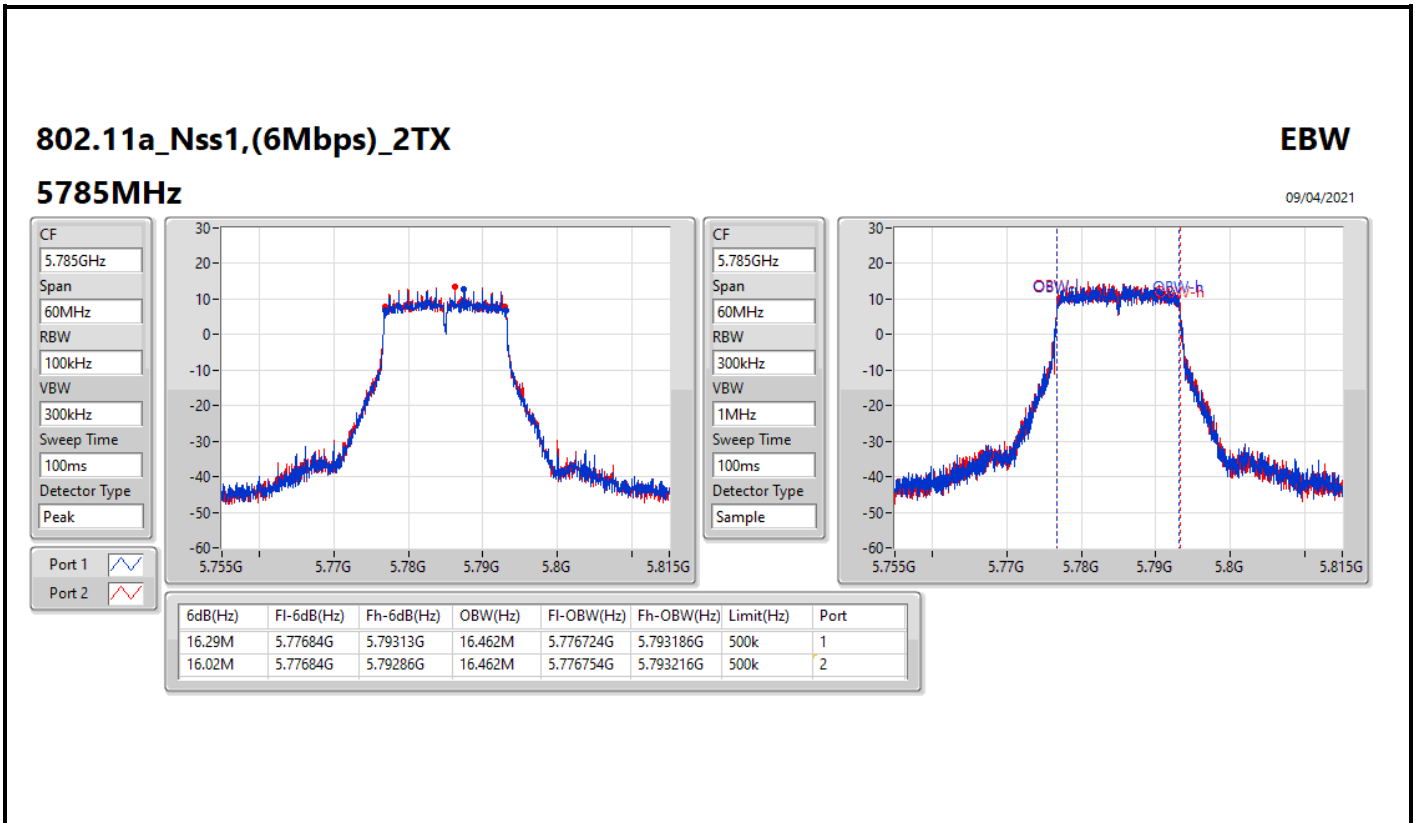
Result

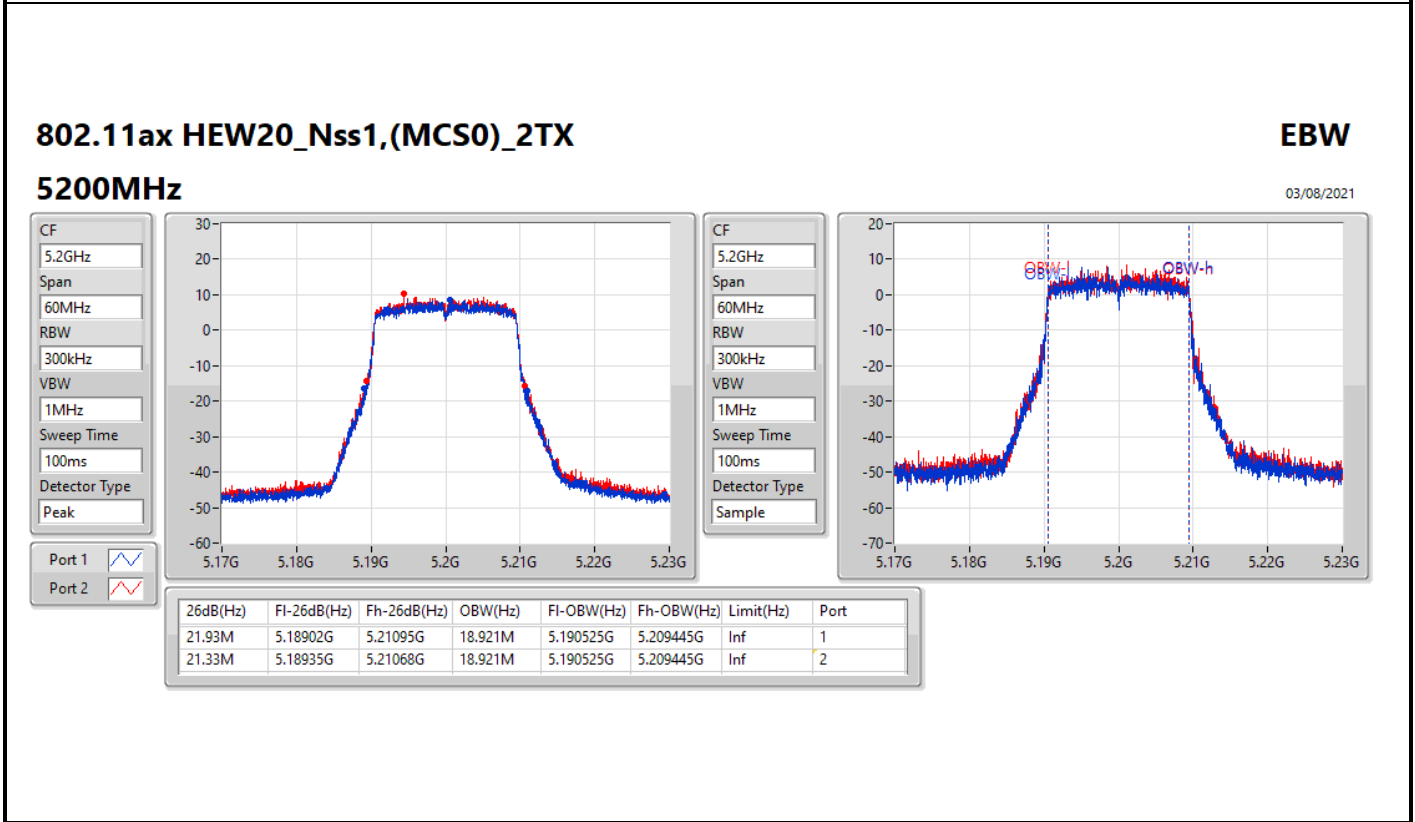
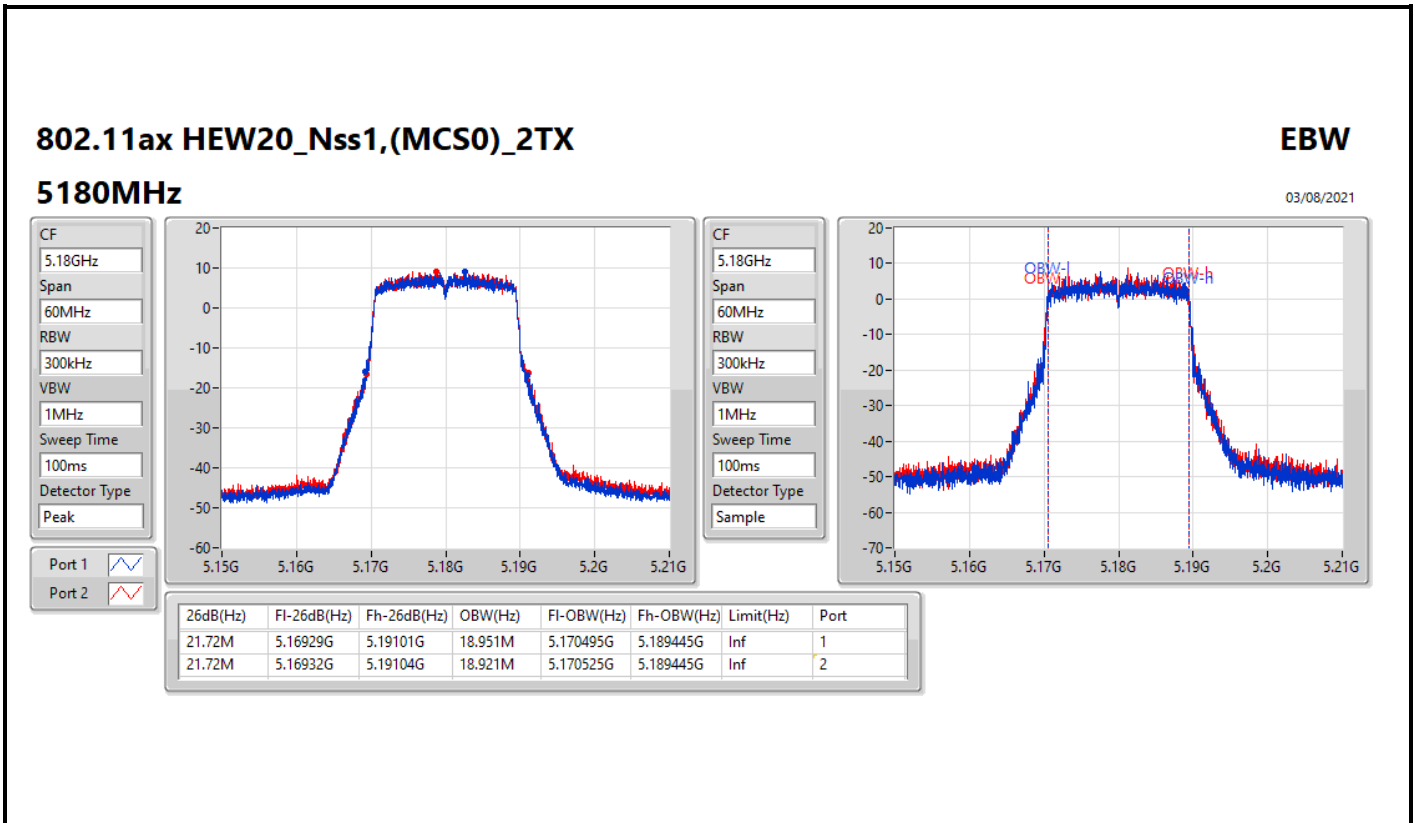
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.58M	16.432M	20.7M	16.462M
5200MHz	Pass	Inf	20.52M	16.432M	20.64M	16.432M
5240MHz	Pass	Inf	20.55M	16.462M	20.76M	16.432M
5745MHz	Pass	500k	16.02M	16.432M	16.29M	16.462M
5785MHz	Pass	500k	16.29M	16.462M	16.02M	16.462M
5825MHz	Pass	500k	15.75M	16.432M	15.99M	16.432M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.72M	18.951M	21.72M	18.921M
5200MHz	Pass	Inf	21.93M	18.921M	21.33M	18.921M
5240MHz	Pass	Inf	21.66M	18.921M	22.23M	18.921M
5745MHz	Pass	500k	17.52M	18.921M	17.22M	18.861M
5785MHz	Pass	500k	18.15M	18.951M	18.18M	18.951M
5825MHz	Pass	500k	17.73M	18.951M	17.43M	18.951M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.8M	37.961M	41.16M	37.961M
5230MHz	Pass	Inf	41.46M	37.901M	40.98M	37.961M
5755MHz	Pass	500k	37.68M	37.901M	37.56M	37.901M
5795MHz	Pass	500k	37.44M	37.841M	37.5M	37.901M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	82.68M	77.601M	82.68M	77.361M
5775MHz	Pass	500k	74.16M	77.481M	70.2M	77.841M

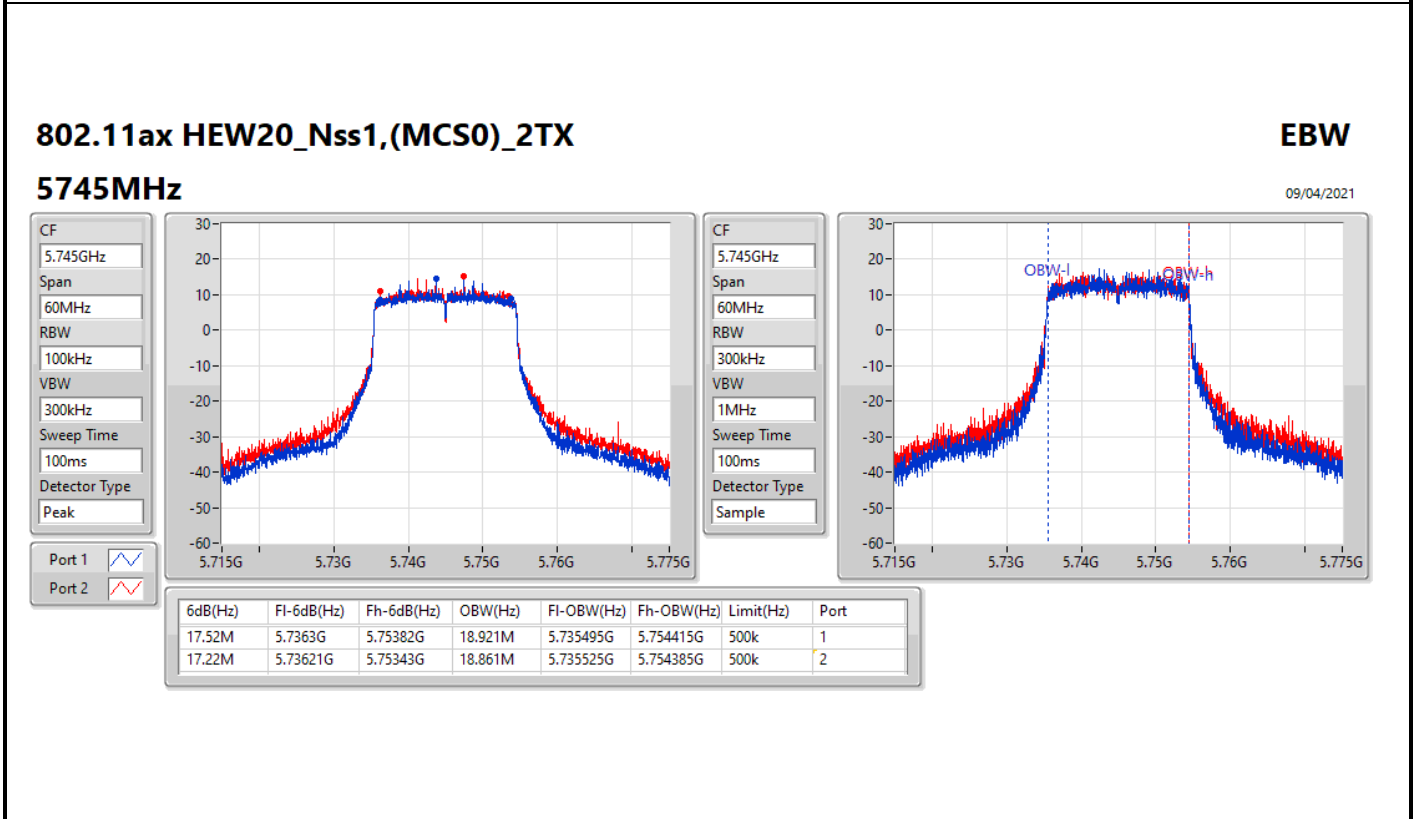
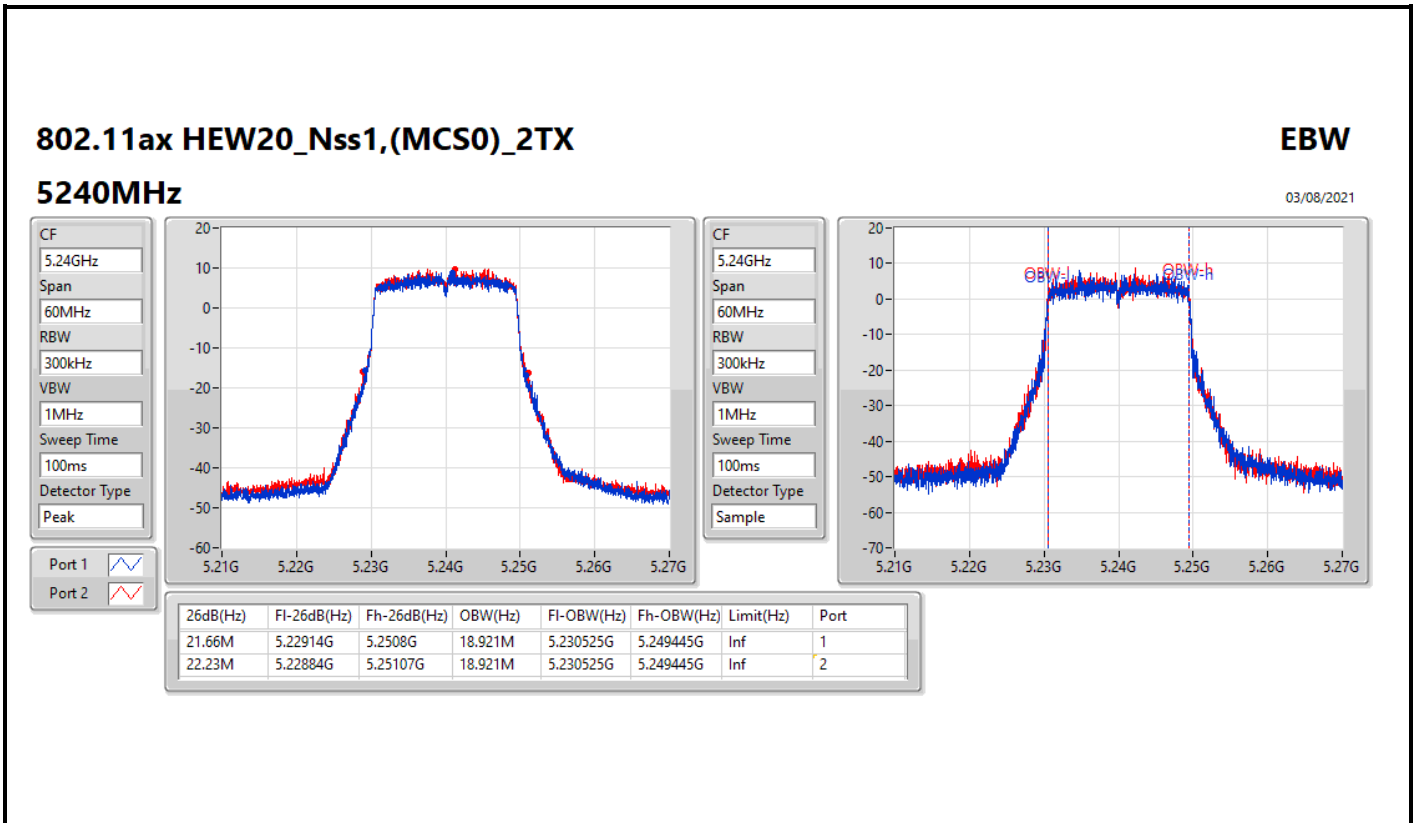
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
 Port X-OBW = Port X 99% occupied bandwidth











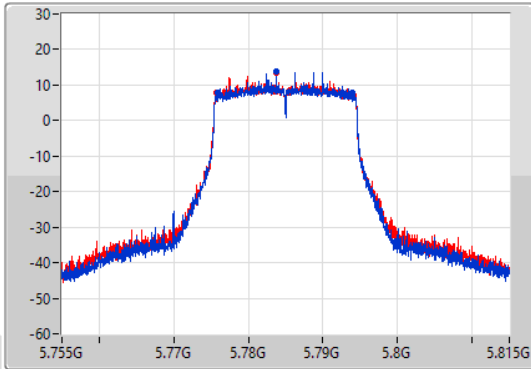
802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

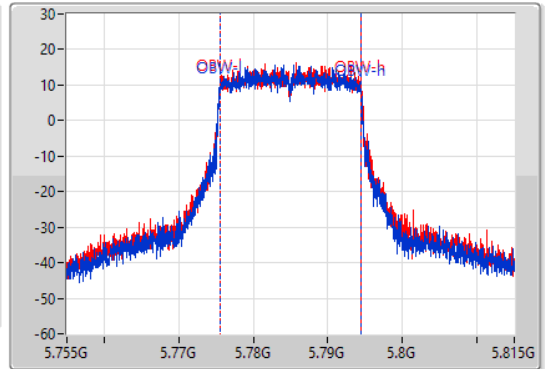
5785MHz

09/04/2021

CF
5.785GHz
Span
60MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
5.785GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.15M	5.77585G	5.794G	18.951M	5.775495G	5.794445G	500k	1
18.18M	5.77573G	5.79391G	18.951M	5.775495G	5.794445G	500k	2

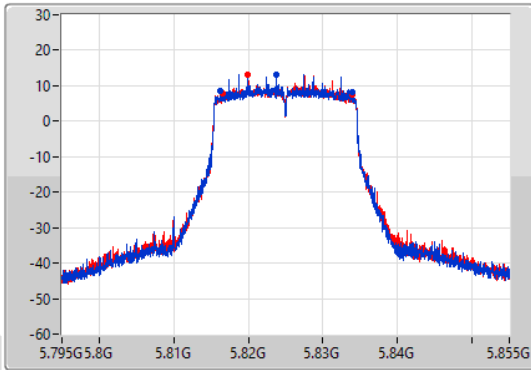
802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

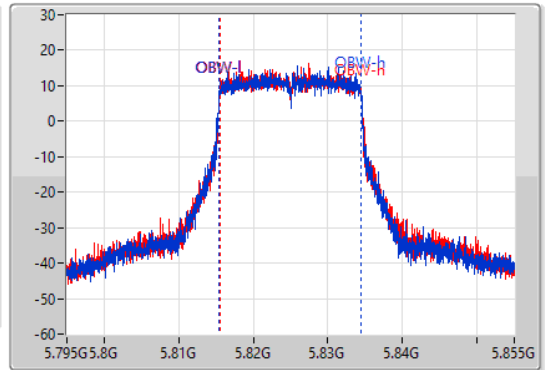
5825MHz

09/04/2021

CF
5.825GHz
Span
60MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
5.825GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.73M	5.81624G	5.83397G	18.951M	5.815465G	5.834415G	500k	1
17.43M	5.81654G	5.83397G	18.951M	5.815495G	5.834445G	500k	2

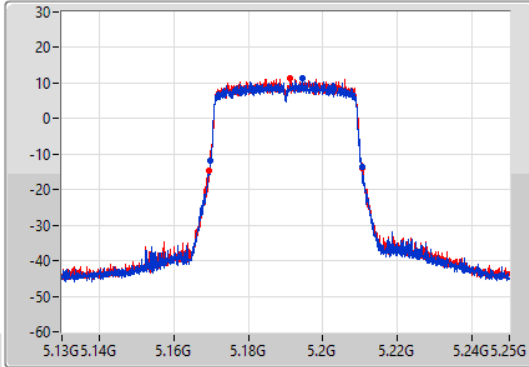
802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

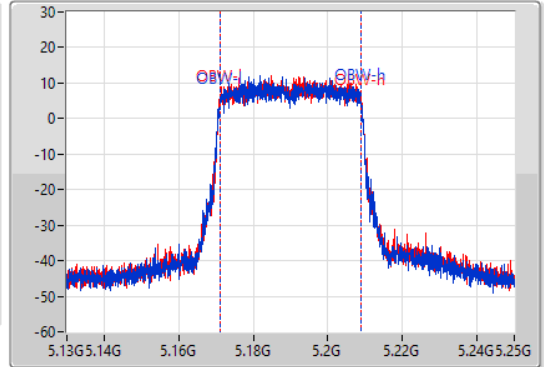
5190MHz

03/08/2021

CF
5.19GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.19GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Sample



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.8M	5.16966G	5.21046G	37.961M	5.17099G	5.208951G	Inf	1
41.16M	5.16954G	5.2107G	37.961M	5.17099G	5.208951G	Inf	2

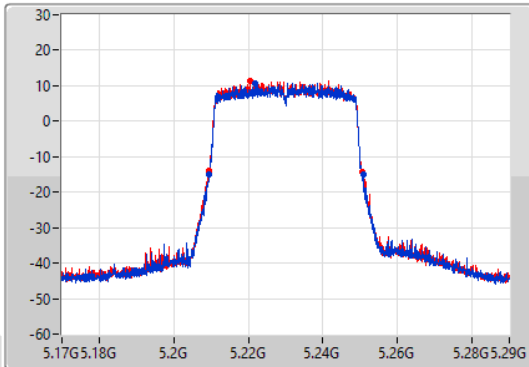
802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

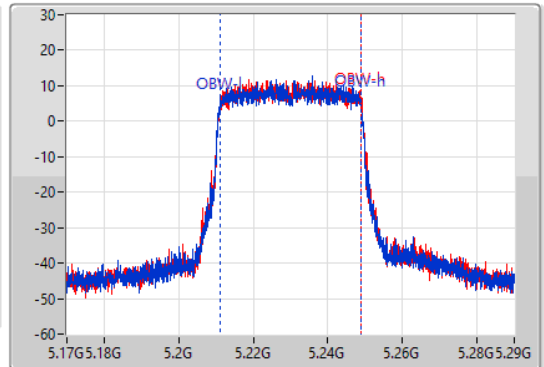
5230MHz

03/08/2021

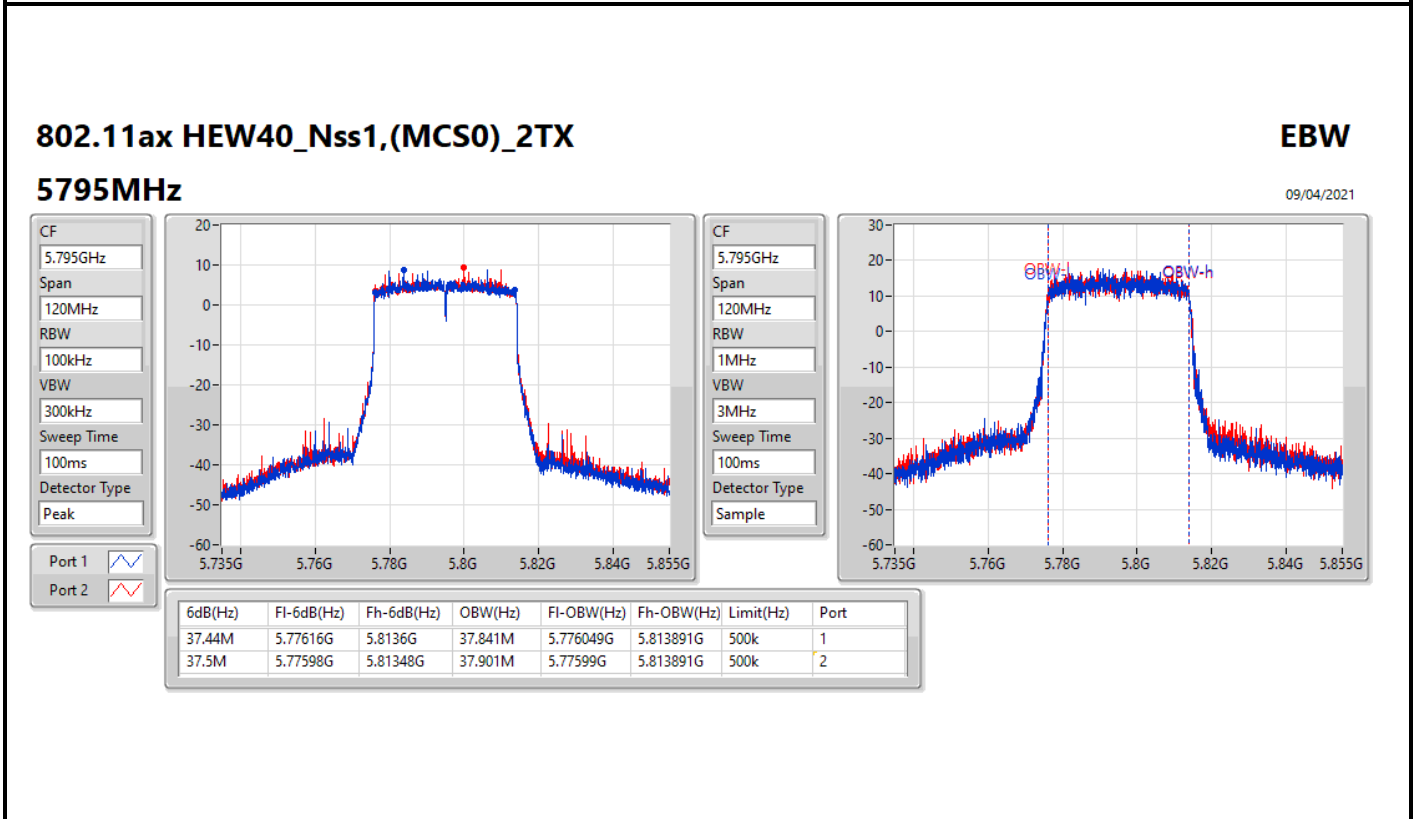
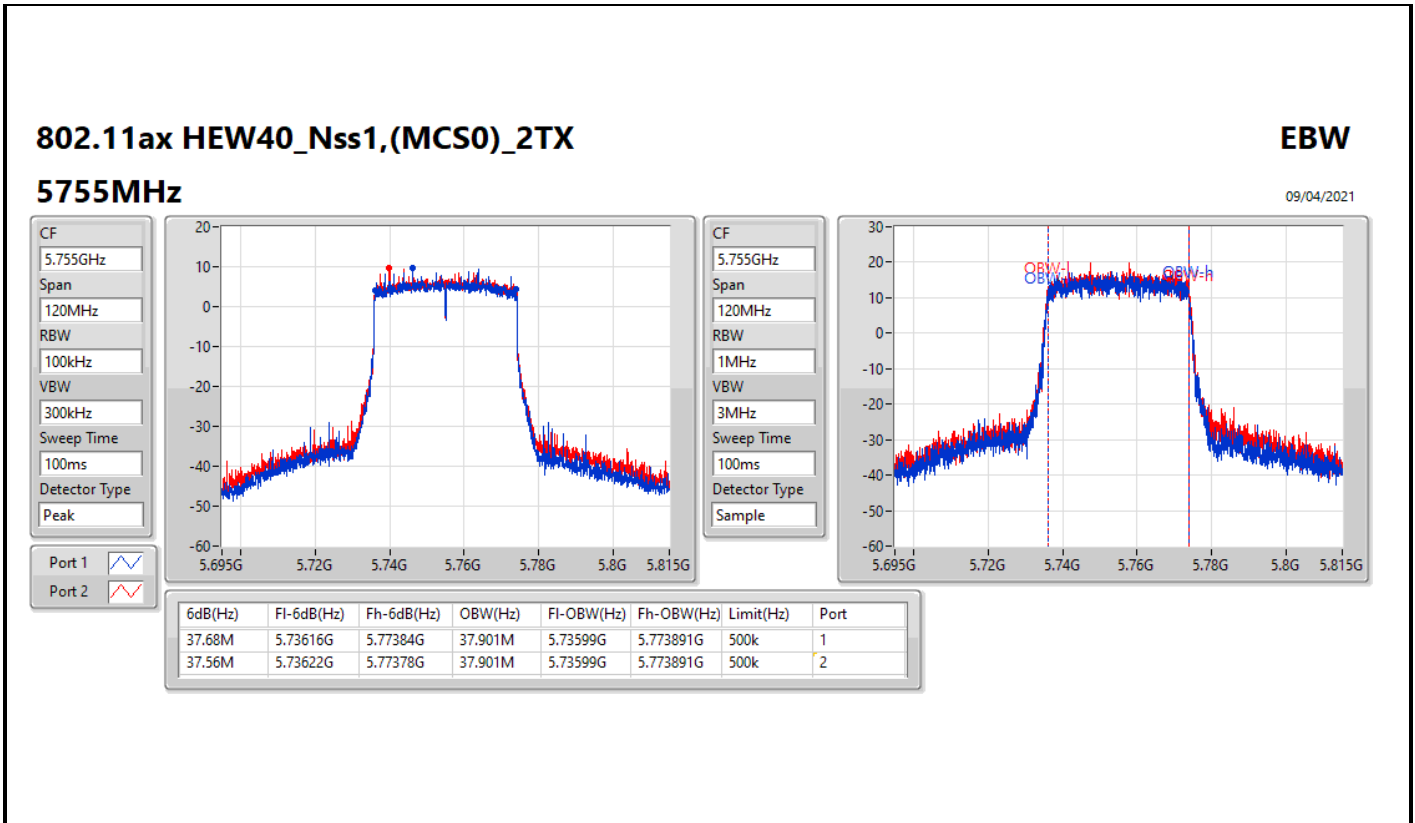
CF
5.23GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.23GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Sample



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.46M	5.20942G	5.25088G	37.901M	5.21099G	5.248891G	Inf	1
40.98M	5.20954G	5.25052G	37.961M	5.211049G	5.24901G	Inf	2

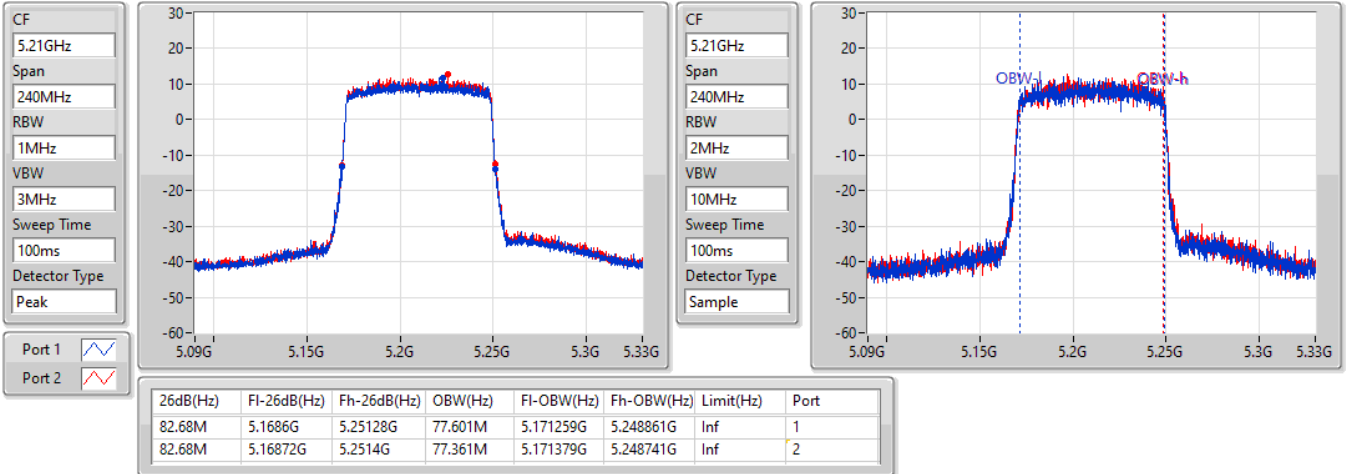


802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5210MHz

03/08/2021

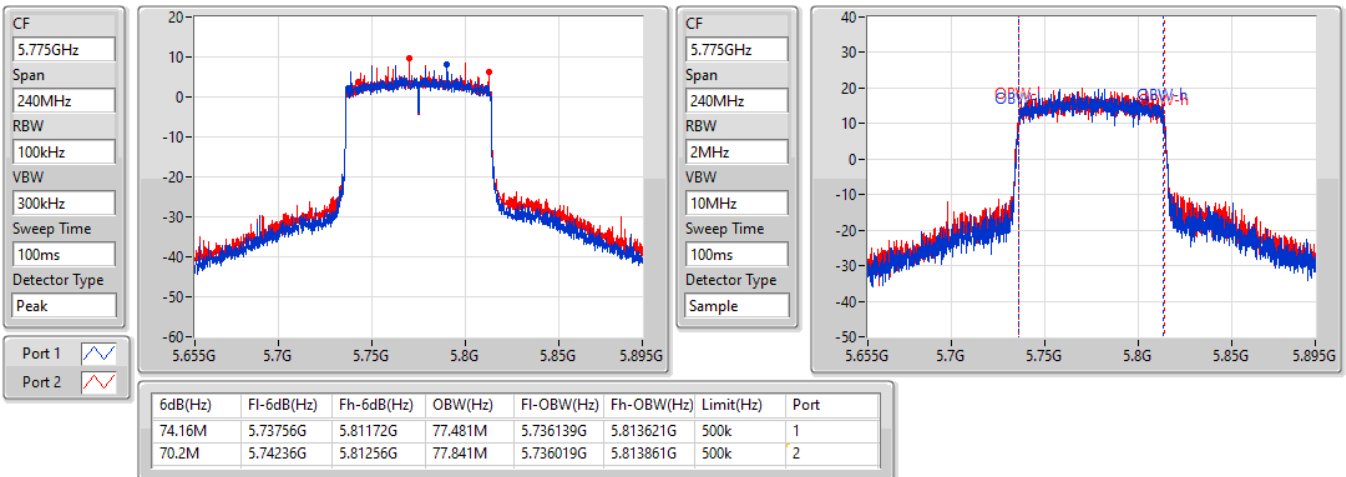


802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5775MHz

09/04/2021





Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	23.62	0.23014	32.22	1.66725
802.11ax HEW20_Nss1,(MCS0)_2TX	23.63	0.23067	32.23	1.67109
802.11ax HEW40_Nss1,(MCS0)_2TX	23.69	0.23388	32.29	1.69434
802.11ax HEW80_Nss1,(MCS0)_2TX	22.81	0.19099	31.41	1.38357
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	26.49	0.44566	35.49	3.53997
802.11ax HEW20_Nss1,(MCS0)_2TX	26.44	0.44055	35.44	3.49945
802.11ax HEW40_Nss1,(MCS0)_2TX	26.14	0.41115	35.14	3.26588
802.11ax HEW80_Nss1,(MCS0)_2TX	26.23	0.41976	35.23	3.33426



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.60/-2.7	19.93	20.65	23.32	27.40	31.92/20.62	36.00/21.00
5200MHz	Pass	8.60/-2.7	20.31	20.89	23.62	27.40	32.22/20.92	36.00/21.00
5240MHz	Pass	8.60/-2.7	19.72	20.66	23.23	27.40	31.83/20.53	36.00/21.00
5745MHz	Pass	9.00	23.15	23.78	26.49	27.00	35.49	36.00
5785MHz	Pass	9.00	23.30	23.58	26.45	27.00	35.45	36.00
5825MHz	Pass	9.00	23.38	23.56	26.48	27.00	35.48	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.60/-2.7	19.86	20.62	23.27	27.40	31.87/20.57	36.00/21.00
5200MHz	Pass	8.60/-2.7	20.36	20.86	23.63	27.40	32.23/20.93	36.00/21.00
5240MHz	Pass	8.60/-2.7	19.73	20.71	23.26	27.40	31.86/20.56	36.00/21.00
5745MHz	Pass	9.00	22.82	23.46	26.16	27.00	35.16	36.00
5785MHz	Pass	9.00	23.08	23.54	26.33	27.00	35.33	36.00
5825MHz	Pass	9.00	23.30	23.55	26.44	27.00	35.44	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.60/-2.7	20.40	20.95	23.69	27.40	32.29/20.99	36.00/21.00
5230MHz	Pass	8.60/-2.7	19.90	20.82	23.39	27.40	31.99/20.69	36.00/21.00
5755MHz	Pass	9.00	22.85	23.39	26.14	27.00	35.14	36.00
5795MHz	Pass	9.00	22.99	23.18	26.10	27.00	35.10	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.60/-2.7	19.51	20.08	22.81	27.40	31.41/20.11	36.00/21.00
5775MHz	Pass	9.00	23.01	23.42	26.23	27.00	35.23	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	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.15	0.10351	31.51	1.41579
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	20.35	0.10839	31.71	1.48252
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	20.49	0.11194	31.85	1.53109
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.20	0.20893	35.01	3.16957
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.30	0.21380	35.11	3.24340
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	23.48	0.22284	35.29	3.38065



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.36/0.11	17.42	16.60	20.04	24.64	31.40/20.15	36.00/21.00
5200MHz	Pass	11.36/0.11	17.18	17.10	20.15	24.64	31.51/20.26	36.00/21.00
5240MHz	Pass	11.36/0.11	15.98	15.28	18.65	24.64	30.01/18.76	36.00/21.00
5745MHz	Pass	11.81	20.44	19.92	23.20	24.19	35.01	36.00
5785MHz	Pass	11.81	19.90	20.09	23.01	24.19	34.82	36.00
5825MHz	Pass	11.81	19.01	19.04	22.04	24.19	33.85	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	11.36/0.11	16.69	17.29	20.01	24.64	31.37/20.12	36.00/21.00
5230MHz	Pass	11.36/0.11	17.14	17.54	20.35	24.64	31.71/20.46	36.00/21.00
5755MHz	Pass	11.81	20.55	20.01	23.30	24.19	35.11	36.00
5795MHz	Pass	11.81	19.73	19.85	22.80	24.19	34.61	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	11.36/0.11	17.51	17.45	20.49	24.64	31.85/20.60	36.00/21.00
5775MHz	Pass	11.81	20.55	20.38	23.48	24.19	35.29	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	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	18.29	0.06745	26.89	0.48865
802.11ax HEW20_Nss1,(MCS0)_2TX	19.08	0.08091	27.68	0.58614
802.11ax HEW40_Nss1,(MCS0)_2TX	20.78	0.11967	29.38	0.86696
802.11ax HEW80_Nss1,(MCS0)_2TX	20.85	0.12162	29.45	0.88105
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	26.49	0.44566	35.49	3.53997
802.11ax HEW20_Nss1,(MCS0)_2TX	26.44	0.44055	35.44	3.49945
802.11ax HEW40_Nss1,(MCS0)_2TX	26.14	0.41115	35.14	3.26588
802.11ax HEW80_Nss1,(MCS0)_2TX	26.23	0.41976	35.23	3.33426



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.60	14.87	15.37	18.14	21.38	26.74	30.00
5200MHz	Pass	8.60	14.83	15.68	18.29	21.38	26.89	30.00
5240MHz	Pass	8.60	14.63	15.32	18.00	21.38	26.60	30.00
5745MHz	Pass	9.00	23.15	23.78	26.49	27.00	35.49	36.00
5785MHz	Pass	9.00	23.30	23.58	26.45	27.00	35.45	36.00
5825MHz	Pass	9.00	23.38	23.56	26.48	27.00	35.48	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.60	15.35	15.90	18.64	21.38	27.24	30.00
5200MHz	Pass	8.60	15.36	16.12	18.77	21.38	27.37	30.00
5240MHz	Pass	8.60	15.68	16.42	19.08	21.38	27.68	30.00
5745MHz	Pass	9.00	22.82	23.46	26.16	27.00	35.16	36.00
5785MHz	Pass	9.00	23.08	23.54	26.33	27.00	35.33	36.00
5825MHz	Pass	9.00	23.30	23.55	26.44	27.00	35.44	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.60	17.56	17.97	20.78	21.38	29.38	30.00
5230MHz	Pass	8.60	17.51	18.02	20.78	21.38	29.38	30.00
5755MHz	Pass	9.00	22.85	23.39	26.14	27.00	35.14	36.00
5795MHz	Pass	9.00	22.99	23.18	26.10	27.00	35.10	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.60	17.56	18.11	20.85	21.38	29.45	30.00
5775MHz	Pass	9.00	23.01	23.42	26.23	27.00	35.23	36.00

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



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	11.37	22.73
802.11ax HEW20_Nss1,(MCS0)_2TX	10.53	21.89
802.11ax HEW40_Nss1,(MCS0)_2TX	7.85	19.21
802.11ax HEW80_Nss1,(MCS0)_2TX	3.90	15.26
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	12.82	24.63
802.11ax HEW20_Nss1,(MCS0)_2TX	11.70	23.51
802.11ax HEW40_Nss1,(MCS0)_2TX	8.26	20.07
802.11ax HEW80_Nss1,(MCS0)_2TX	5.37	17.18

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.36	8.11	8.73	11.37	11.64	22.73	23.00
5200MHz	Pass	11.36	8.09	8.42	11.14	11.64	22.50	23.00
5240MHz	Pass	11.36	7.32	8.25	10.75	11.64	22.11	23.00
5745MHz	Pass	11.81	9.37	10.04	12.66	24.19	24.47	36.00
5785MHz	Pass	11.81	9.58	10.02	12.82	24.19	24.63	36.00
5825MHz	Pass	11.81	9.67	10.02	12.64	24.19	24.45	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.36	6.92	7.64	10.25	11.64	21.61	23.00
5200MHz	Pass	11.36	7.25	8.01	10.53	11.64	21.89	23.00
5240MHz	Pass	11.36	6.63	7.61	10.07	11.64	21.43	23.00
5745MHz	Pass	11.81	7.78	8.43	11.06	24.19	22.87	36.00
5785MHz	Pass	11.81	8.21	8.47	11.14	24.19	22.95	36.00
5825MHz	Pass	11.81	8.82	8.92	11.70	24.19	23.51	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	11.36	4.57	5.10	7.85	11.64	19.21	23.00
5230MHz	Pass	11.36	3.98	4.85	7.35	11.64	18.71	23.00
5755MHz	Pass	11.81	4.97	5.69	8.26	24.19	20.07	36.00
5795MHz	Pass	11.81	5.26	5.42	8.22	24.19	20.03	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	11.36	0.71	1.26	3.90	11.64	15.26	23.00
5775MHz	Pass	11.81	2.29	2.62	5.37	24.19	17.18	36.00

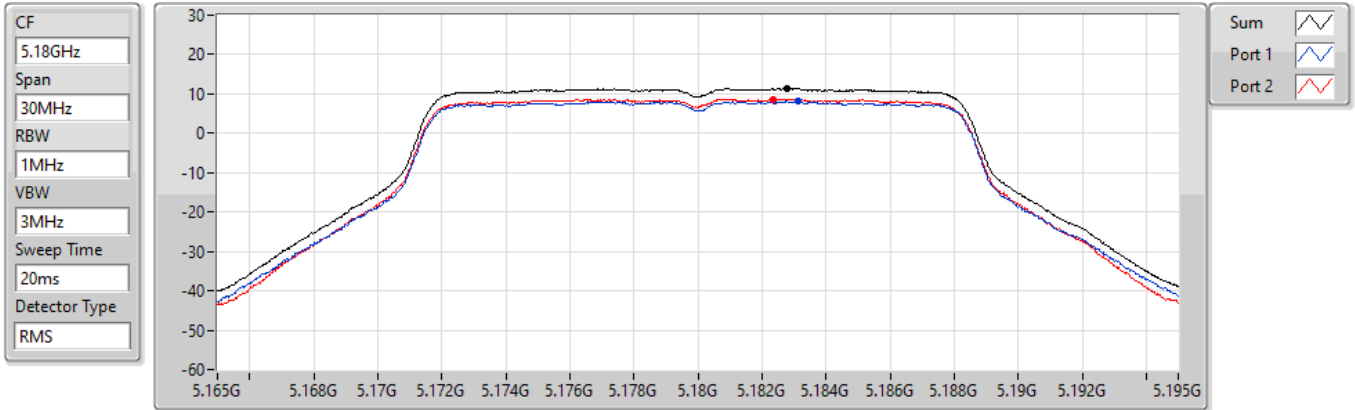
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5180MHz

21/05/2021



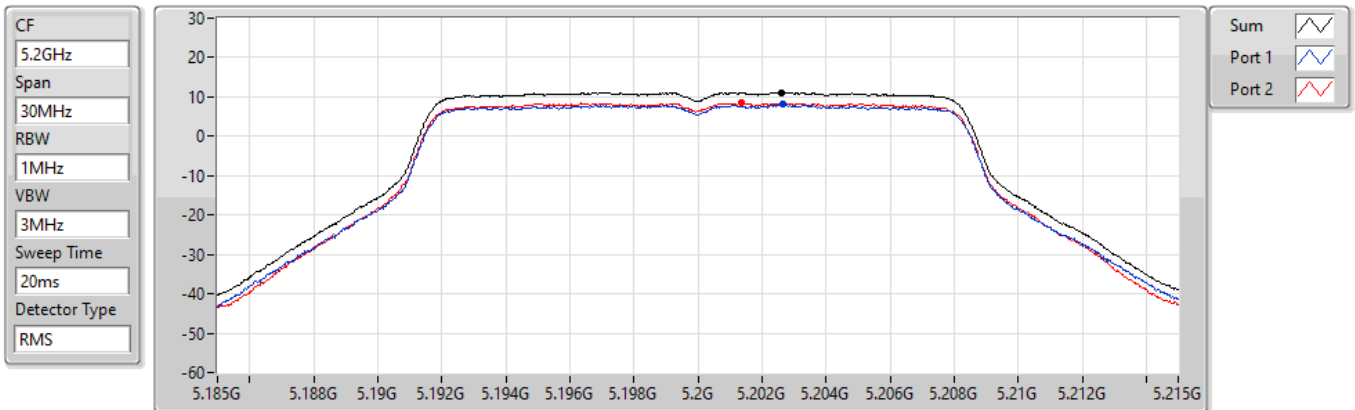
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.37	11.37	8.11	8.73

802.11a_Nss1,(6Mbps)_2TX

PSD

5200MHz

21/05/2021



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.14	11.14	8.09	8.42

802.11a_Nss1,(6Mbps)_2TX

PSD

5240MHz

21/05/2021

CF
5.24GHz

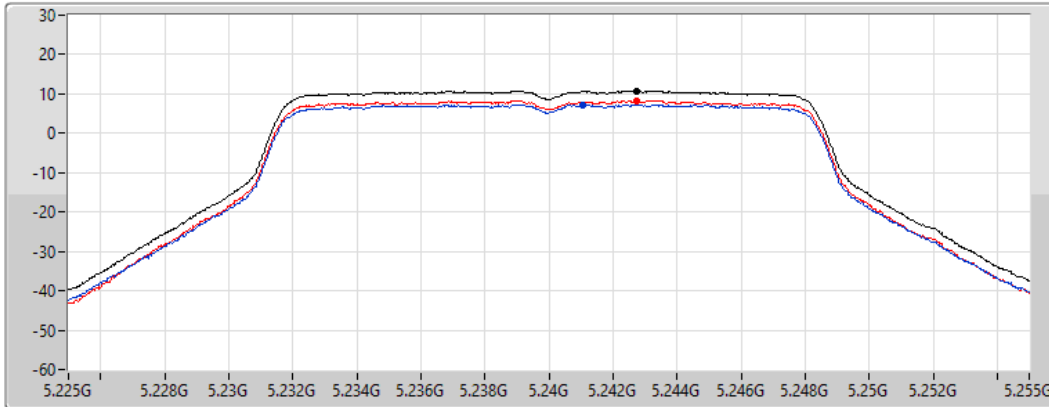
Span
30MHz


RBW
1MHz


VBW
3MHz


Sweep Time
20ms

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.75	10.75	7.32	8.25

802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

09/04/2021

CF
5.745GHz

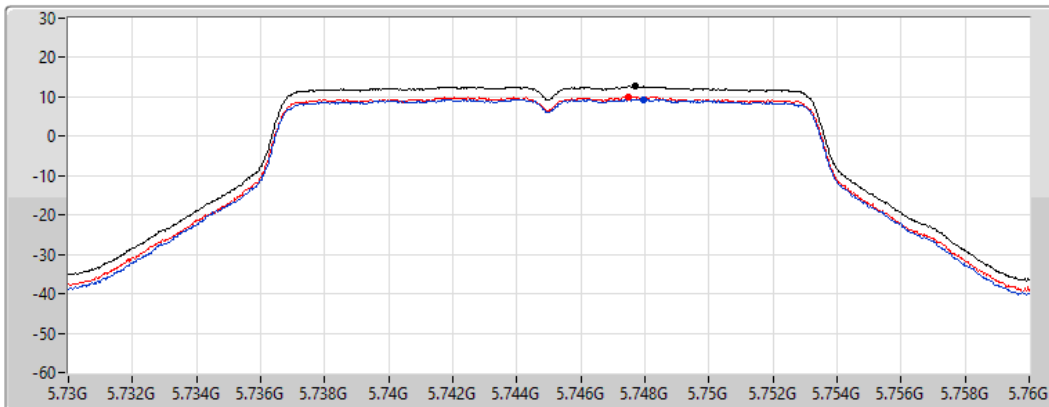
Span
30MHz


RBW
500kHz


VBW
3MHz


Sweep Time
20ms

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.66	12.66	9.37	10.04

802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

09/04/2021

CF
5.785GHz

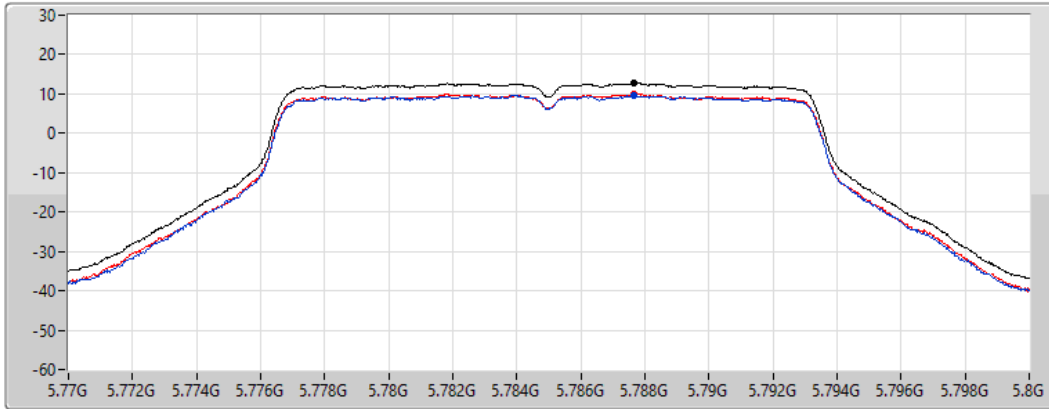
Span
30MHz

RBW
500kHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS



Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.82	12.82	9.58	10.02

802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

09/04/2021

CF
5.825GHz

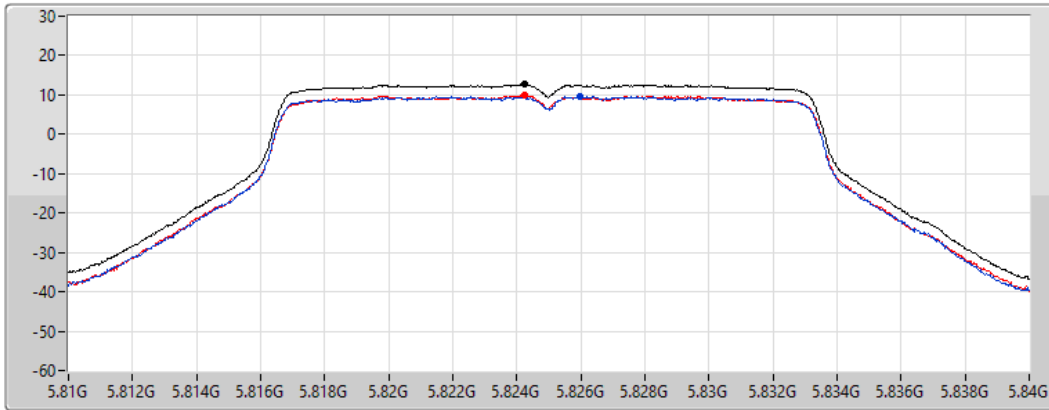
Span
30MHz

RBW
500kHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS



Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.64	12.64	9.67	10.02

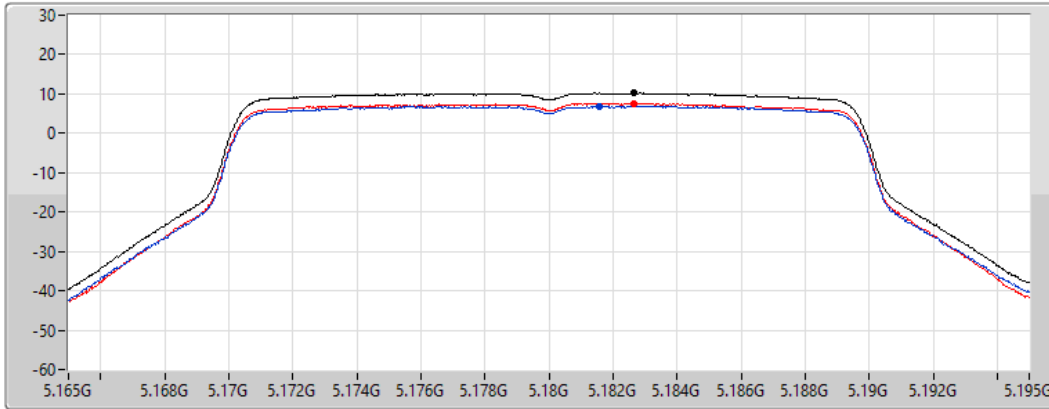
802.11ax HEW20_Nss1,(MCS0)_2TX




PSD

5180MHz

21/05/2021

CF
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum 
Port 1 
Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.25	10.25	6.92	7.64

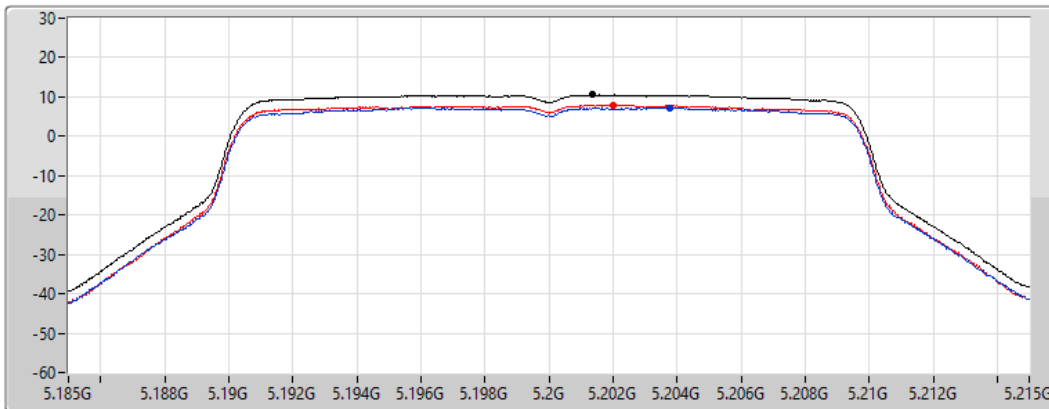
802.11ax HEW20_Nss1,(MCS0)_2TX




PSD

5200MHz

21/05/2021

CF
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum 
Port 1 
Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.53	10.53	7.25	8.01

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5240MHz

21/05/2021

CF
5.24GHz

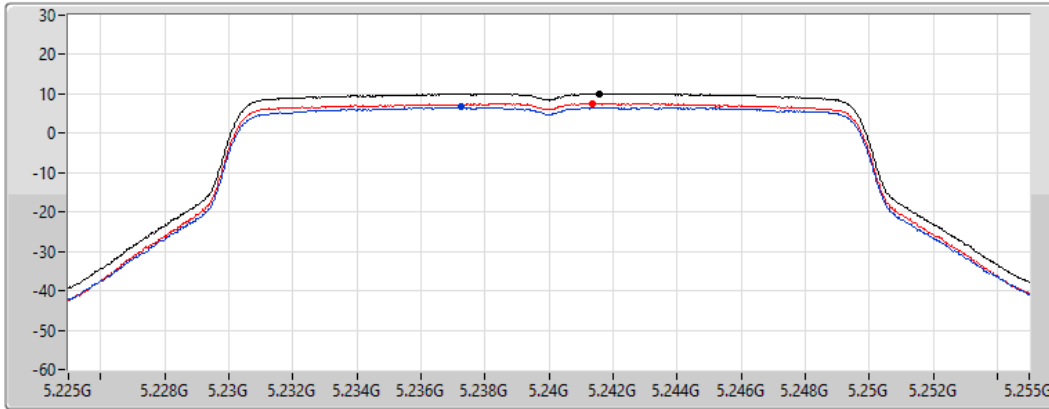
Span
30MHz


RBW
1MHz


VBW
3MHz


Sweep Time
20ms

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.07	10.07	6.63	7.61

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5745MHz

15/04/2021

CF
5.745GHz

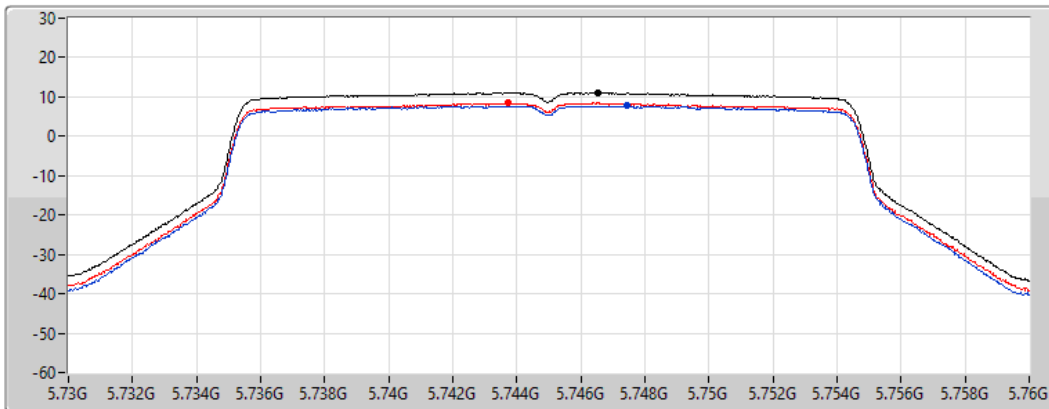
Span
30MHz


RBW
500kHz


VBW
3MHz


Sweep Time
20ms

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.06	11.06	7.78	8.43

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5785MHz

15/04/2021

CF
5.785GHz

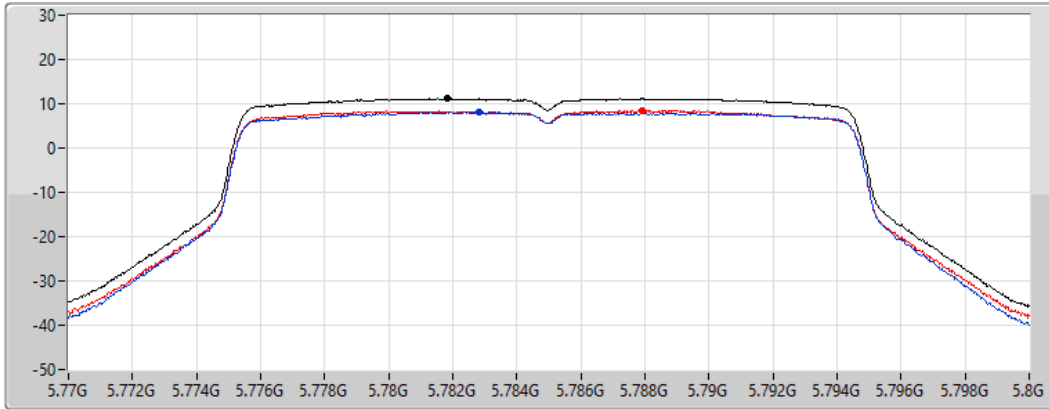
Span
30MHz

RBW
500kHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS



Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.14	11.14	8.21	8.47

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5825MHz

09/04/2021

CF
5.825GHz

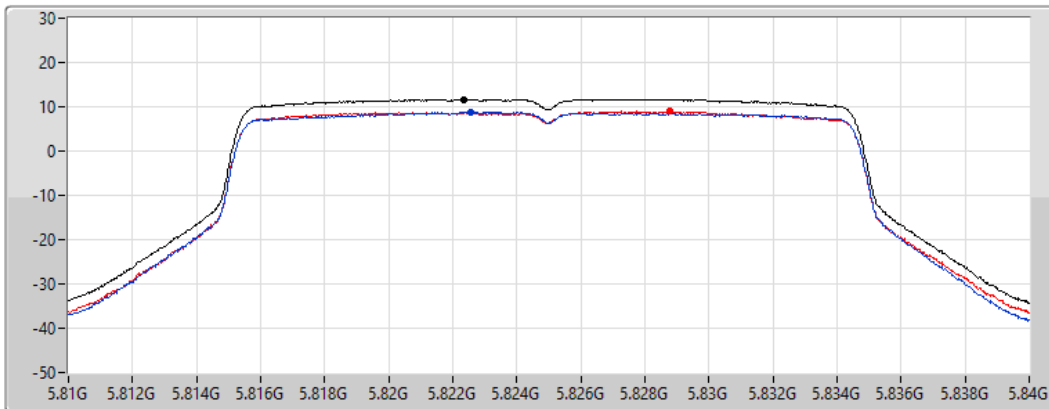
Span
30MHz

RBW
500kHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS



Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.70	11.70	8.82	8.92

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5190MHz

21/05/2021

CF
5.19GHz

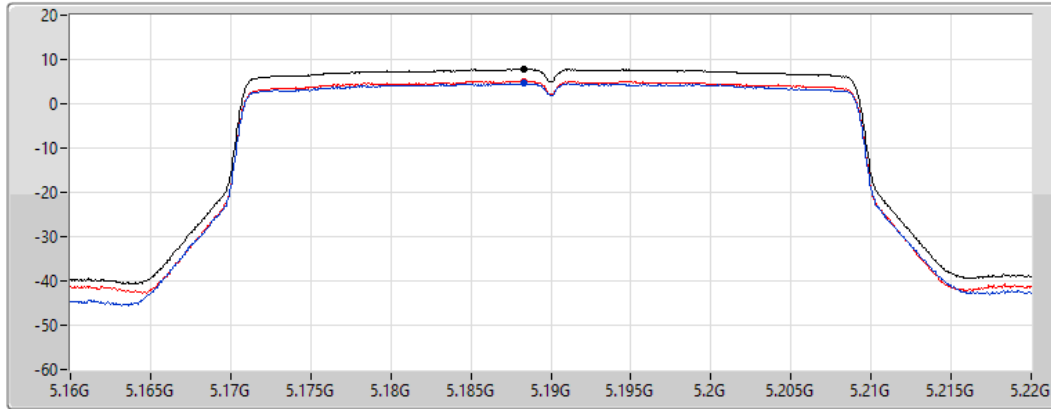
Span
60MHz


RBW
1MHz


VBW
3MHz


Sweep Time
20ms

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.85	7.85	4.57	5.10

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5230MHz

21/05/2021

CF
5.23GHz

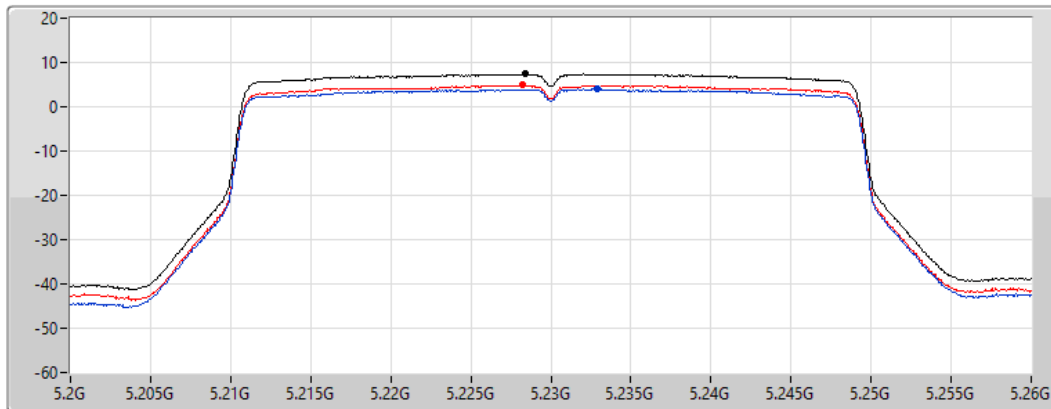
Span
60MHz


RBW
1MHz


VBW
3MHz


Sweep Time
20ms

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.35	7.35	3.98	4.85

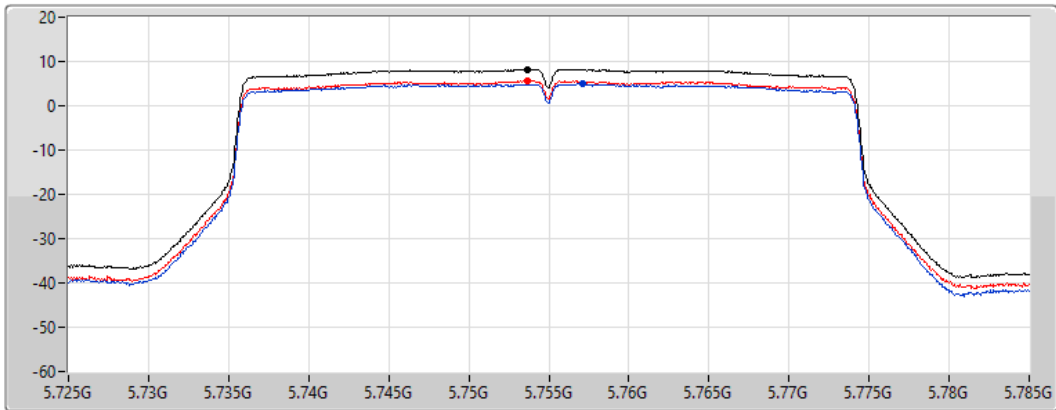
802.11ax HEW40_Nss1,(MCS0)_2TX




PSD

5755MHz

15/04/2021

CF
5.755GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum 
Port 1 
Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.26	8.26	4.97	5.69

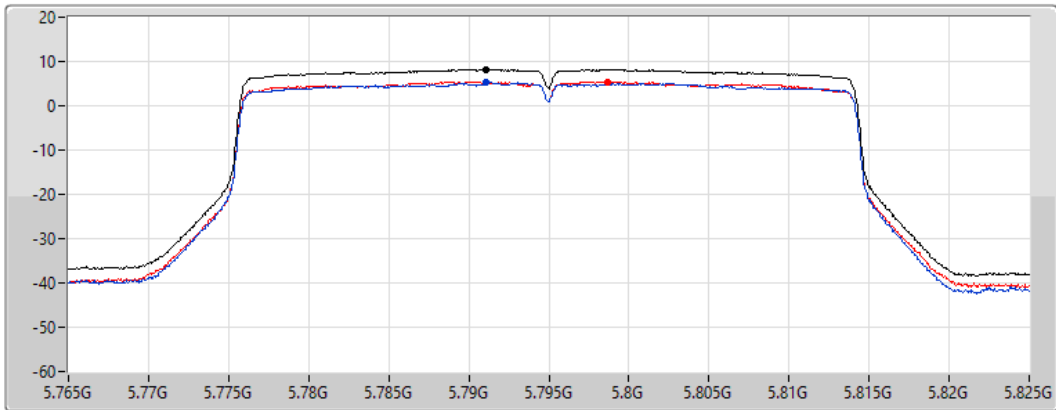
802.11ax HEW40_Nss1,(MCS0)_2TX




PSD

5795MHz

15/04/2021

CF
5.795GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum 
Port 1 
Port 2 

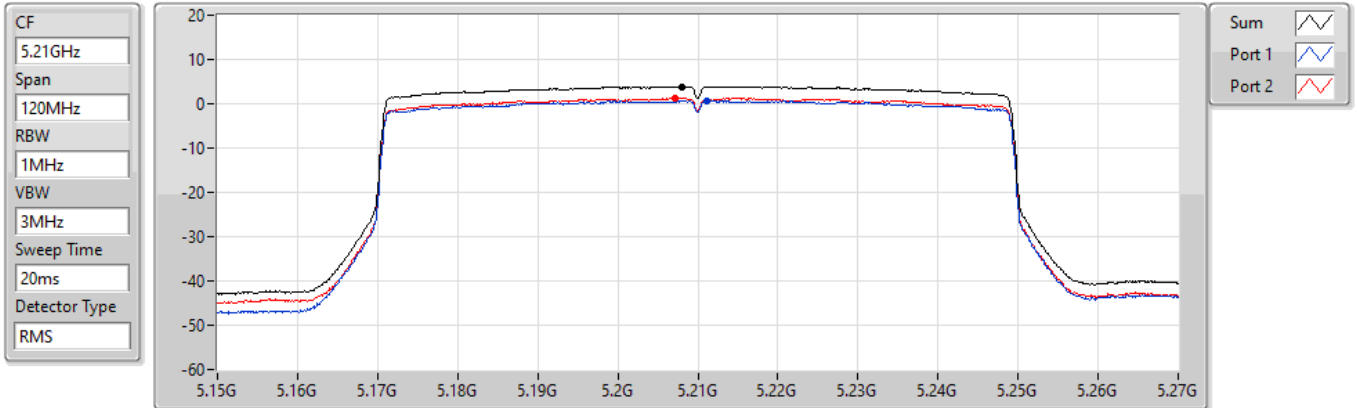
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.22	8.22	5.26	5.42

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5210MHz

21/05/2021



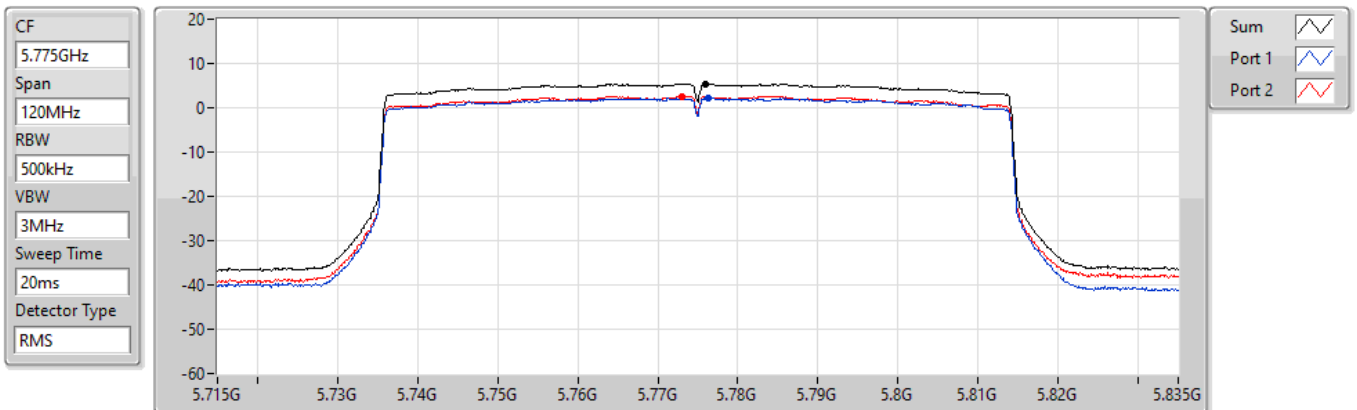
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.90	3.90	0.71	1.26

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5775MHz

15/04/2021



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.37	5.37	2.29	2.62



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	6.45	17.81
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	4.87	16.23
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	3.08	14.44
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	7.60	19.41
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	6.31	18.12
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	3.32	15.13

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.36	3.87	3.16	6.45	11.64	17.81	23.00
5200MHz	Pass	11.36	3.75	3.54	6.43	11.64	17.79	23.00
5240MHz	Pass	11.36	2.30	1.59	4.93	11.64	16.29	23.00
5745MHz	Pass	11.81	4.94	4.43	7.60	24.19	19.41	36.00
5785MHz	Pass	11.81	4.40	4.79	7.46	24.19	19.27	36.00
5825MHz	Pass	11.81	3.46	3.63	6.53	24.19	18.34	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	11.36	1.62	3.04	4.69	11.64	16.05	23.00
5230MHz	Pass	11.36	2.20	2.64	4.87	11.64	16.23	23.00
5755MHz	Pass	11.81	3.96	3.53	6.31	24.19	18.12	36.00
5795MHz	Pass	11.81	3.36	4.04	6.03	24.19	17.84	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	11.36	0.87	-0.01	3.08	11.64	14.44	23.00
5775MHz	Pass	11.81	1.00	1.11	3.32	24.19	15.13	36.00

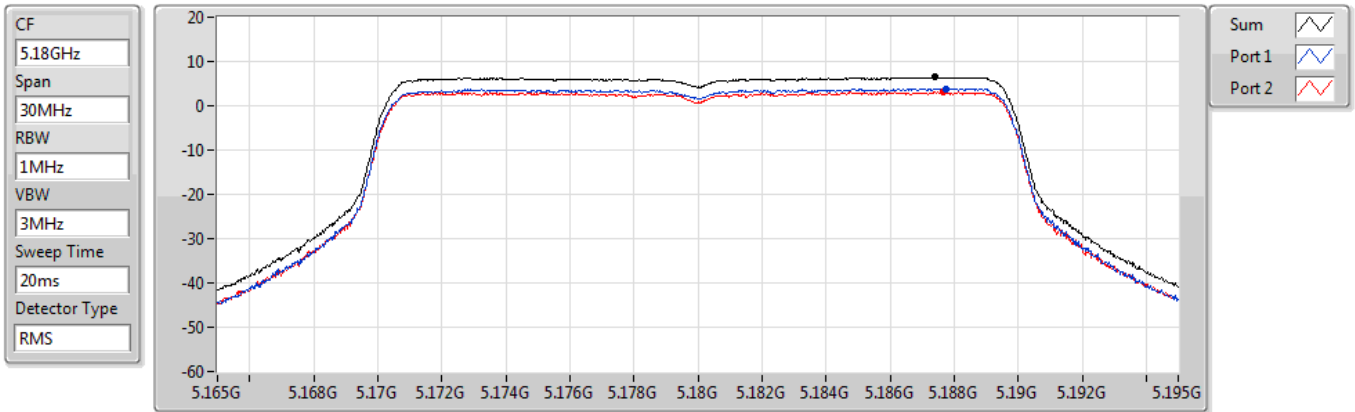
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

04/06/2021



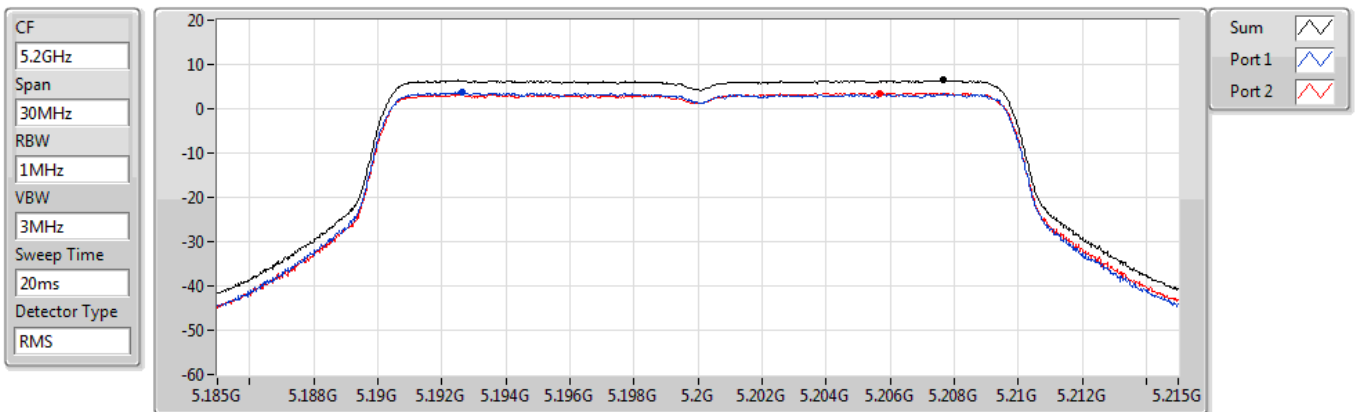
Sum	PD	Port 1	Port 2
(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)
6.45	6.45	3.87	3.16

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

04/06/2021



Sum	PD	Port 1	Port 2
(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)
6.43	6.43	3.75	3.54

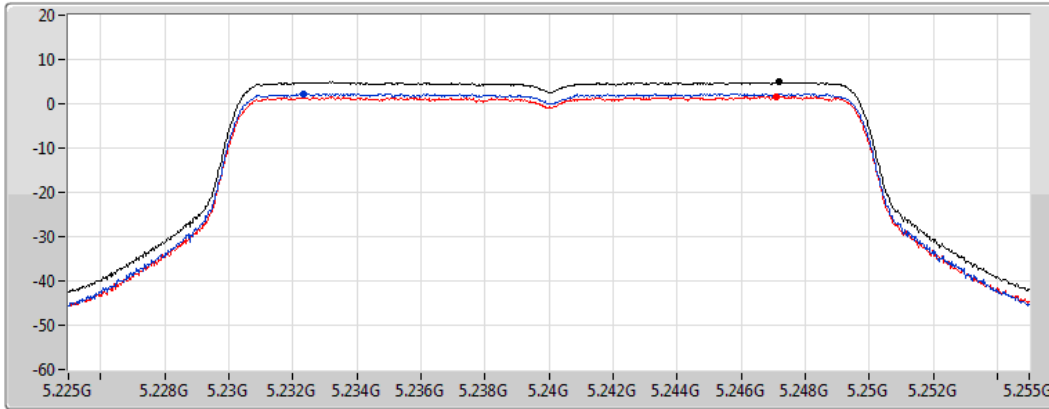
802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

04/06/2021

CF
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.93	4.93	2.30	1.59

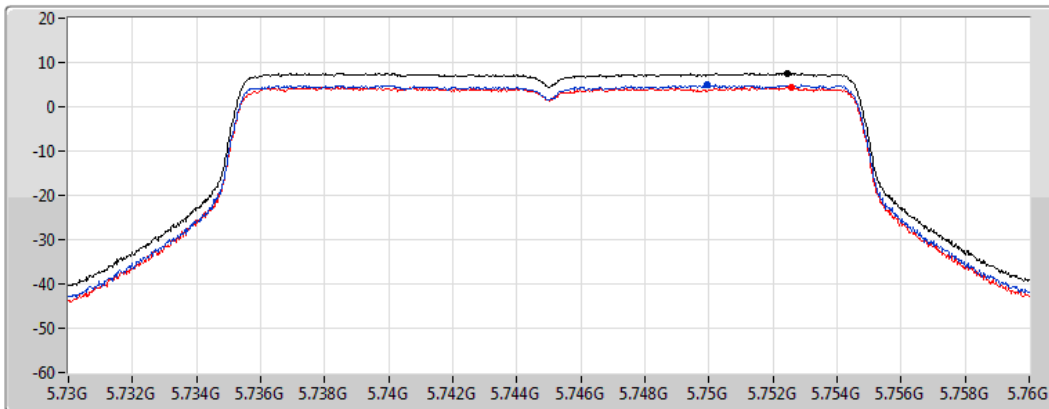
802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

07/06/2021

CF
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.60	7.60	4.94	4.43

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

07/06/2021

CF
5.785GHz

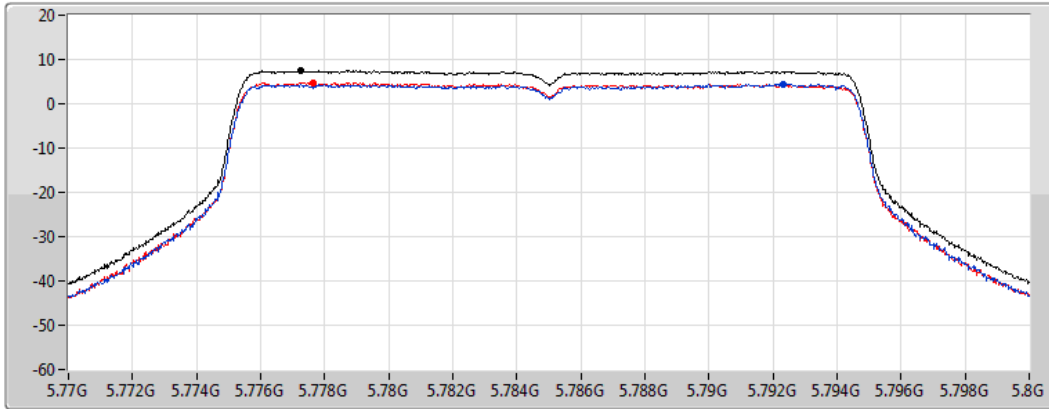
Span
30MHz


RBW
500kHz


VBW
3MHz


Sweep Time
20ms

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.46	7.46	4.40	4.79

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

07/06/2021

CF
5.825GHz

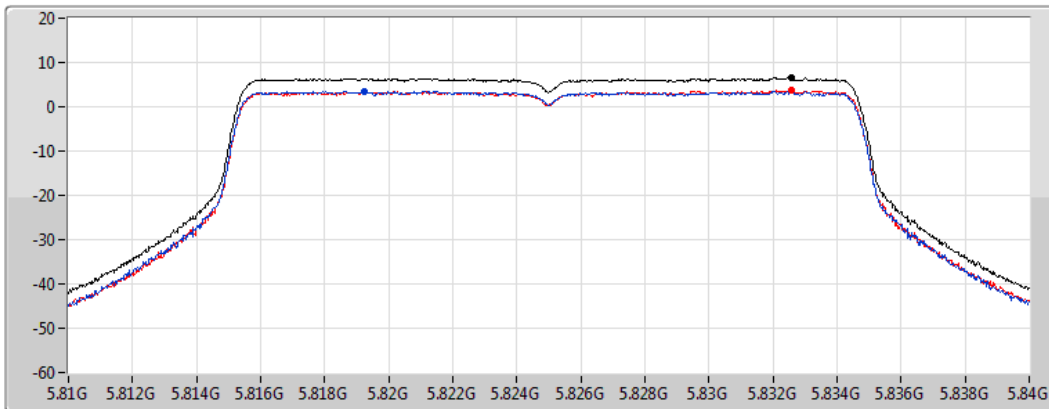
Span
30MHz


RBW
500kHz


VBW
3MHz


Sweep Time
20ms

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.53	6.53	3.46	3.63

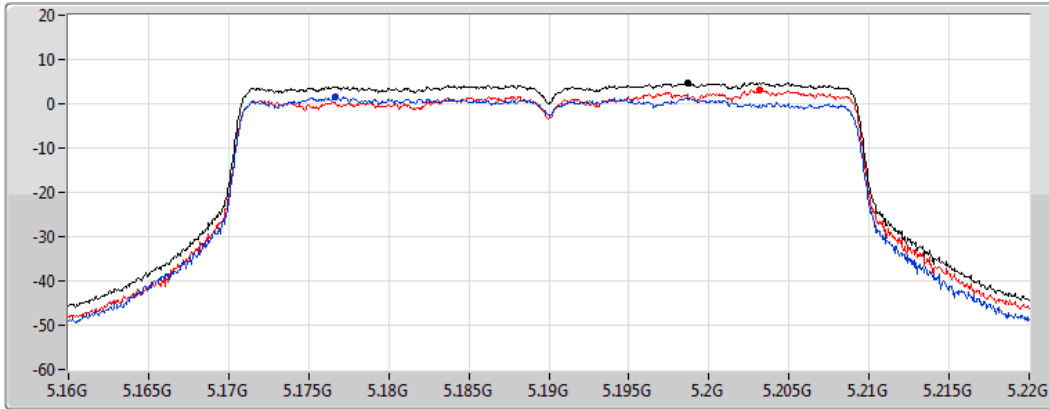
802.11ax HEW40-BF_Nss1,(MCS0)_2TX




PSD

5190MHz

07/06/2021

CF
5.19GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum 
Port 1 
Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.69	4.69	1.62	3.04

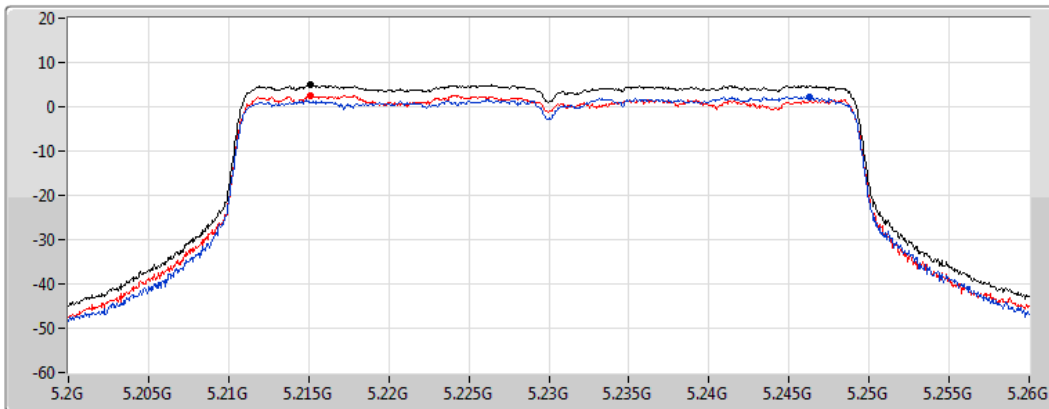
802.11ax HEW40-BF_Nss1,(MCS0)_2TX




PSD

5230MHz

07/06/2021

CF
5.23GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum 
Port 1 
Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.87	4.87	2.20	2.64

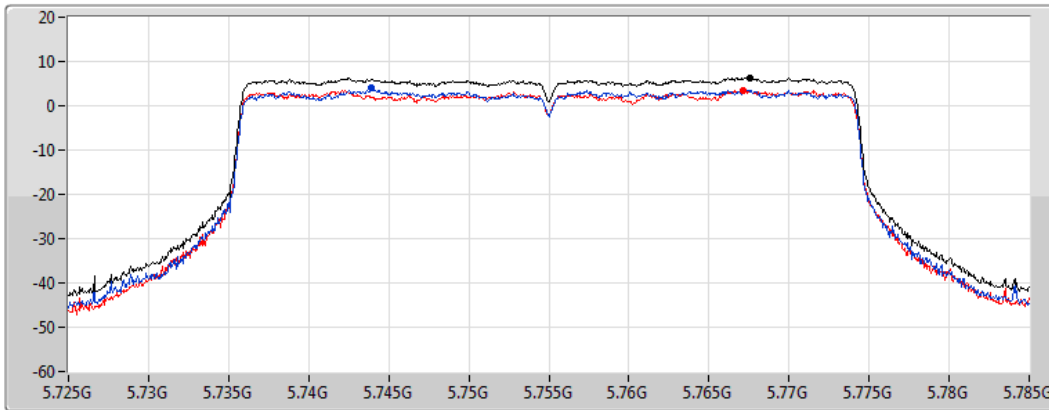
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz

07/06/2021

CF
5.755GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.31	6.31	3.96	3.53

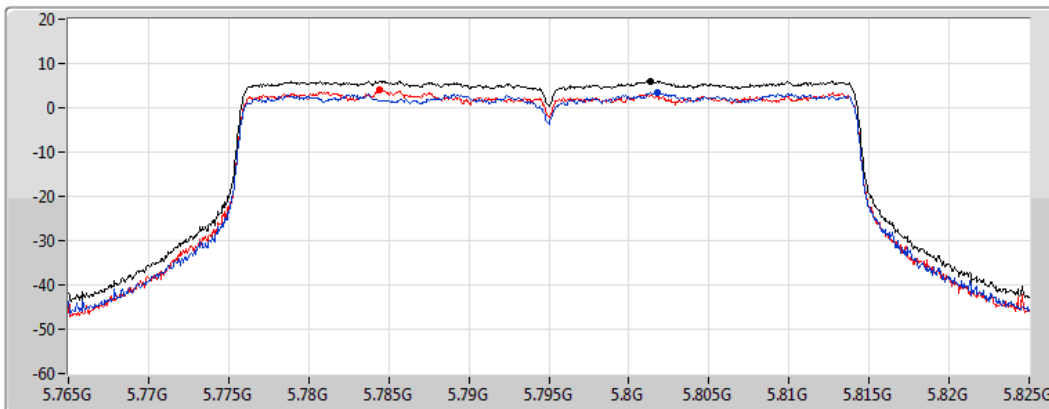
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

07/06/2021

CF
5.795GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

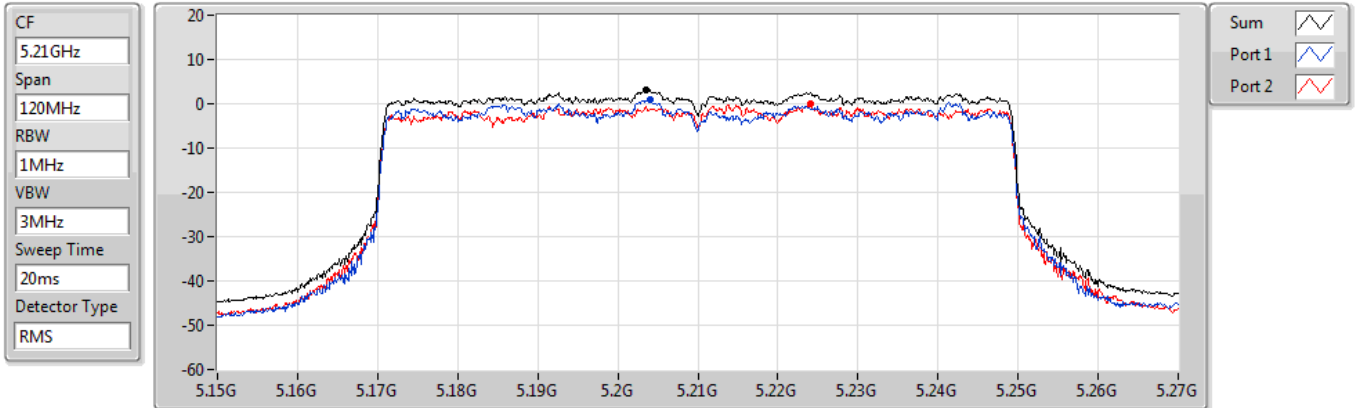
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.03	6.03	3.36	4.04

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

07/06/2021



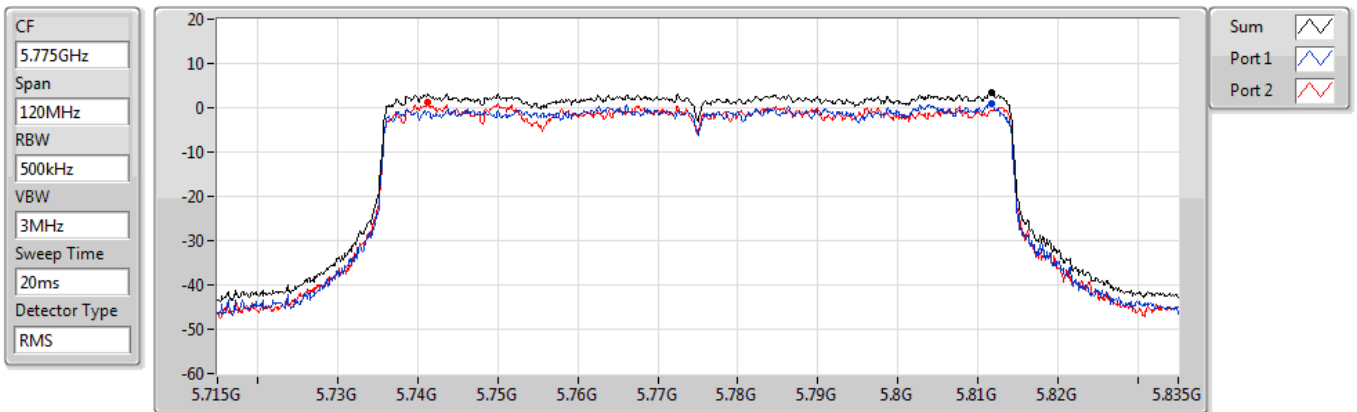
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.08	3.08	0.87	-0.01

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

07/06/2021



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.32	3.32	1.00	1.11



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	5.54	16.90
802.11ax HEW20_Nss1,(MCS0)_2TX	5.60	16.96
802.11ax HEW40_Nss1,(MCS0)_2TX	4.72	16.08
802.11ax HEW80_Nss1,(MCS0)_2TX	1.81	13.17
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	12.82	24.63
802.11ax HEW20_Nss1,(MCS0)_2TX	11.70	23.51
802.11ax HEW40_Nss1,(MCS0)_2TX	8.26	20.07
802.11ax HEW80_Nss1,(MCS0)_2TX	5.37	17.18

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.36	2.30	2.80	5.50	5.64	16.86	17.00
5200MHz	Pass	11.36	2.21	3.10	5.54	5.64	16.90	17.00
5240MHz	Pass	11.36	2.05	2.60	5.25	5.64	16.61	17.00
5745MHz	Pass	11.81	9.37	10.04	12.66	24.19	24.47	36.00
5785MHz	Pass	11.81	9.58	10.02	12.82	24.19	24.63	36.00
5825MHz	Pass	11.81	9.67	10.02	12.64	24.19	24.45	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.36	2.09	2.51	5.27	5.64	16.63	17.00
5200MHz	Pass	11.36	1.87	2.78	5.27	5.64	16.63	17.00
5240MHz	Pass	11.36	2.26	2.98	5.60	5.64	16.96	17.00
5745MHz	Pass	11.81	7.78	8.43	11.06	24.19	22.87	36.00
5785MHz	Pass	11.81	8.21	8.47	11.14	24.19	22.95	36.00
5825MHz	Pass	11.81	8.82	8.92	11.70	24.19	23.51	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	11.36	1.55	1.92	4.72	5.64	16.08	17.00
5230MHz	Pass	11.36	1.45	1.98	4.66	5.64	16.02	17.00
5755MHz	Pass	11.81	4.97	5.69	8.26	24.19	20.07	36.00
5795MHz	Pass	11.81	5.26	5.42	8.22	24.19	20.03	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	11.36	-1.50	-0.85	1.81	5.64	13.17	17.00
5775MHz	Pass	11.81	2.29	2.62	5.37	24.19	17.18	36.00

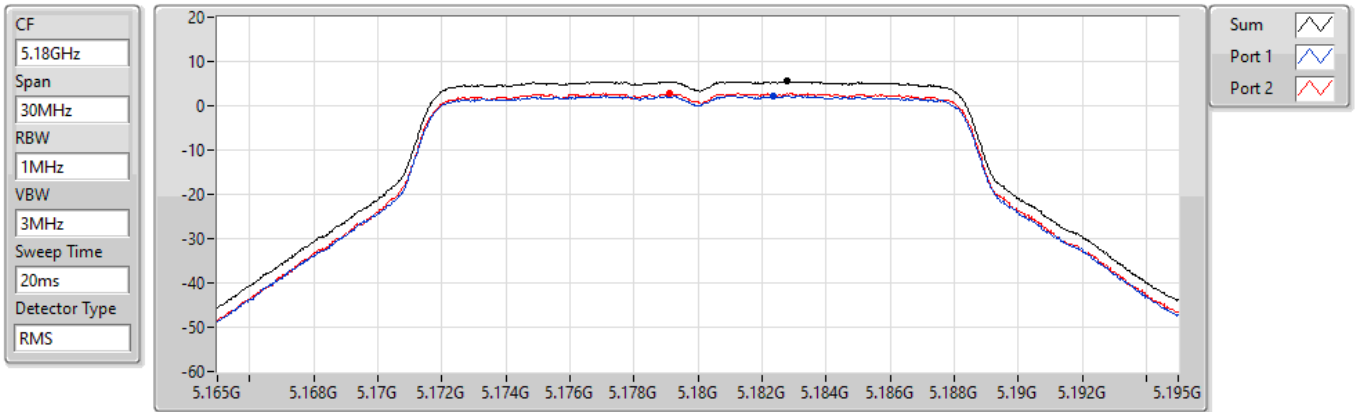
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5180MHz

03/08/2021



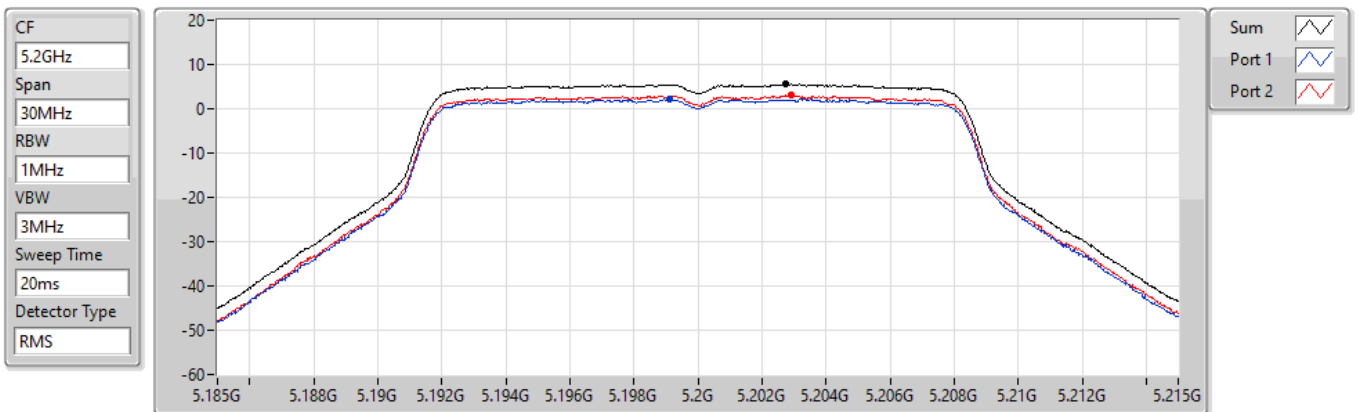
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.50	5.50	2.30	2.80

802.11a_Nss1,(6Mbps)_2TX

PSD

5200MHz

03/08/2021



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.54	5.54	2.21	3.10

802.11a_Nss1,(6Mbps)_2TX

PSD

5240MHz

03/08/2021

CF
5.24GHz

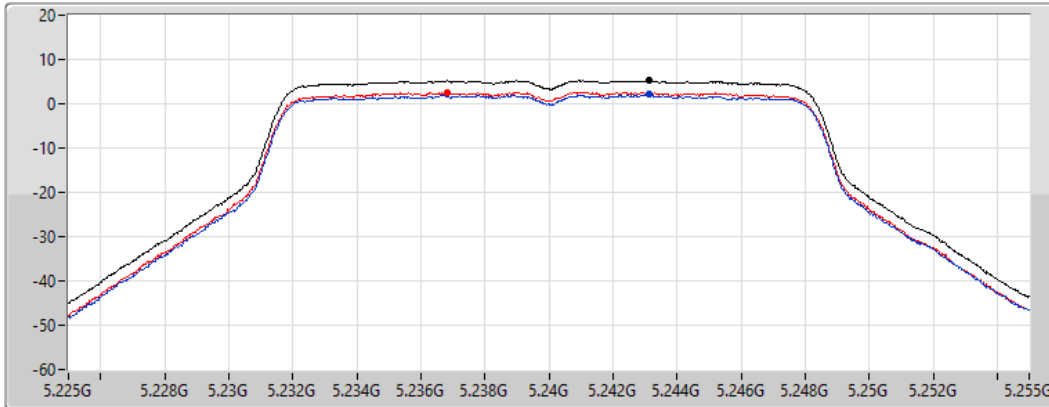
Span
30MHz


RBW
1MHz


VBW
3MHz


Sweep Time
20ms

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.25	5.25	2.05	2.60

802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

09/04/2021

CF
5.745GHz

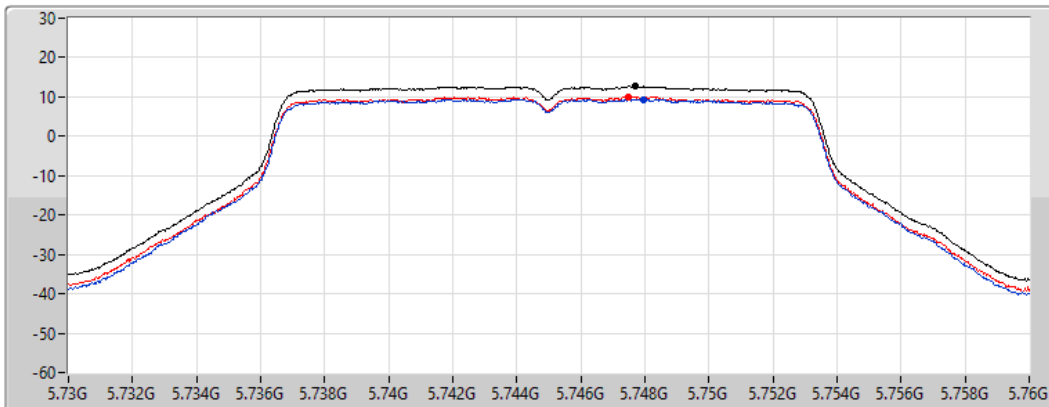
Span
30MHz


RBW
500kHz


VBW
3MHz


Sweep Time
20ms

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.66	12.66	9.37	10.04

802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

09/04/2021

CF
5.785GHz

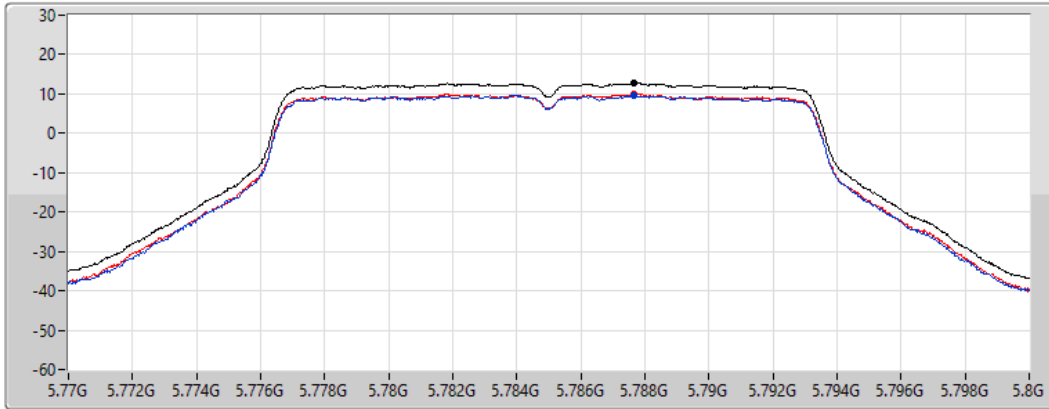
Span
30MHz

RBW
500kHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS



Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.82	12.82	9.58	10.02

802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

09/04/2021

CF
5.825GHz

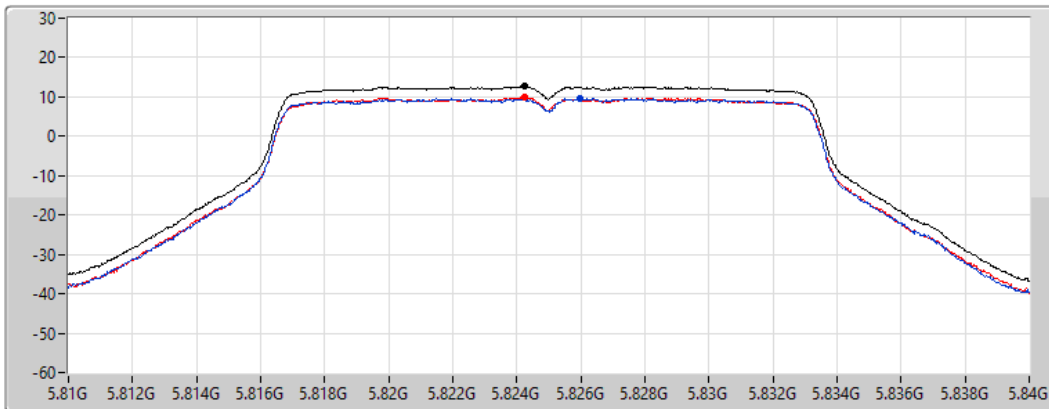
Span
30MHz

RBW
500kHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS



Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.64	12.64	9.67	10.02

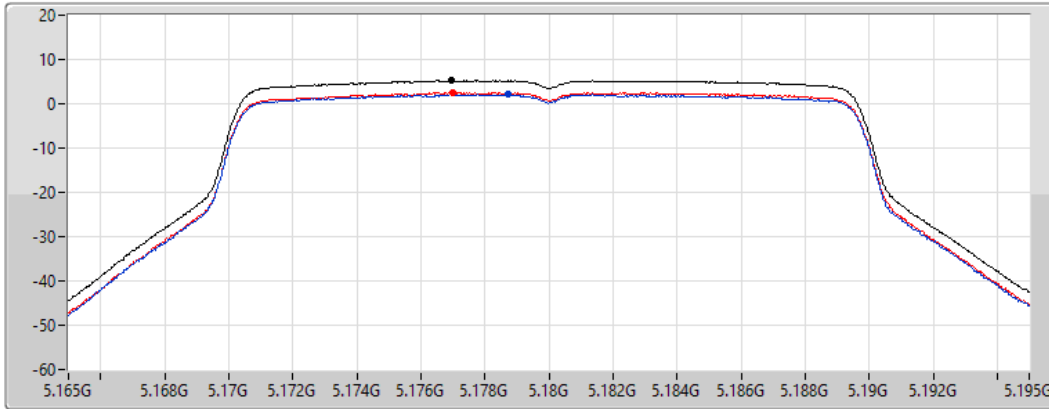
802.11ax HEW20_Nss1,(MCS0)_2TX




PSD

5180MHz

03/08/2021

CF
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum 
Port 1 
Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.27	5.27	2.09	2.51

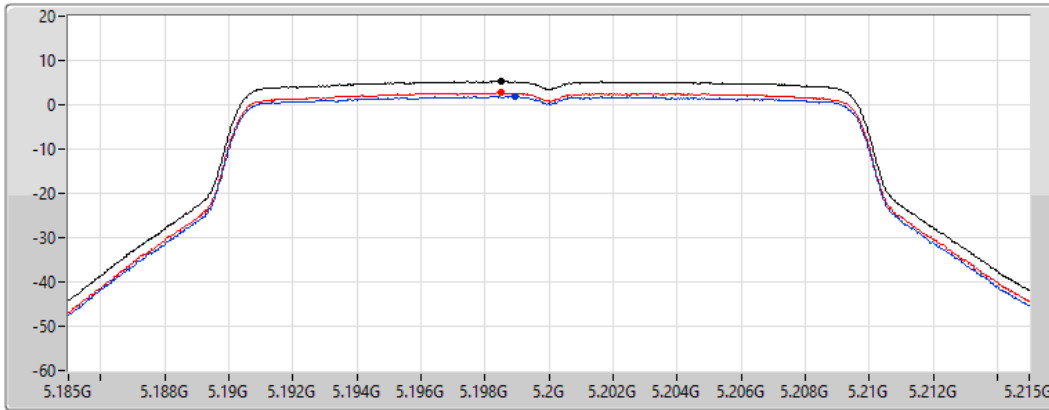
802.11ax HEW20_Nss1,(MCS0)_2TX




PSD

5200MHz

03/08/2021

CF
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum 
Port 1 
Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.27	5.27	1.87	2.78

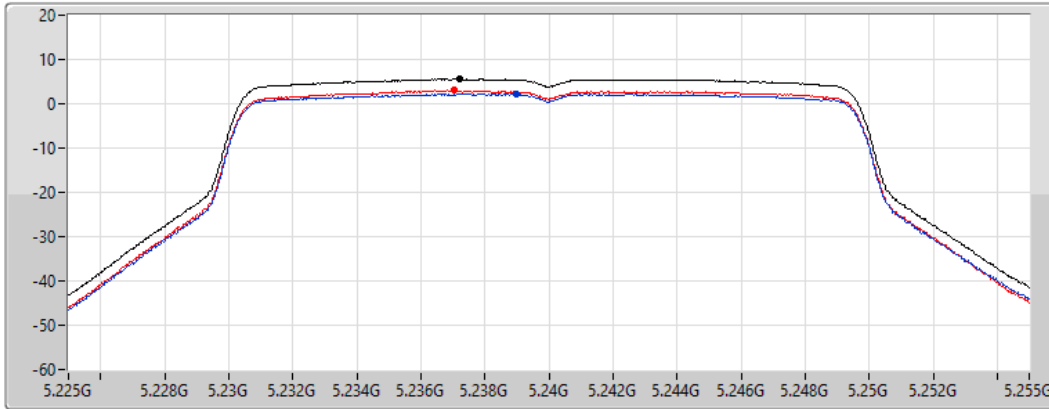
802.11ax HEW20_Nss1,(MCS0)_2TX




PSD

5240MHz

03/08/2021

CF
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum 
Port 1 
Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.60	5.60	2.26	2.98

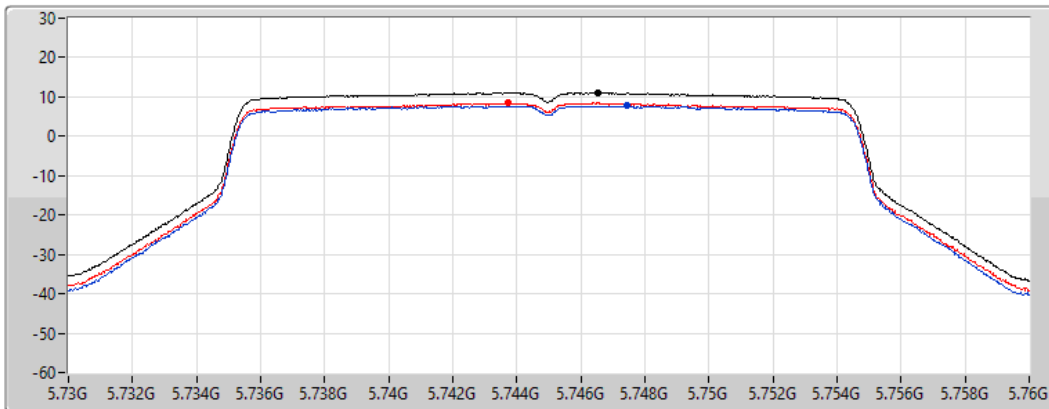
802.11ax HEW20_Nss1,(MCS0)_2TX




PSD

5745MHz

15/04/2021

CF
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum 
Port 1 
Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.06	11.06	7.78	8.43

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5785MHz

15/04/2021

CF
5.785GHz

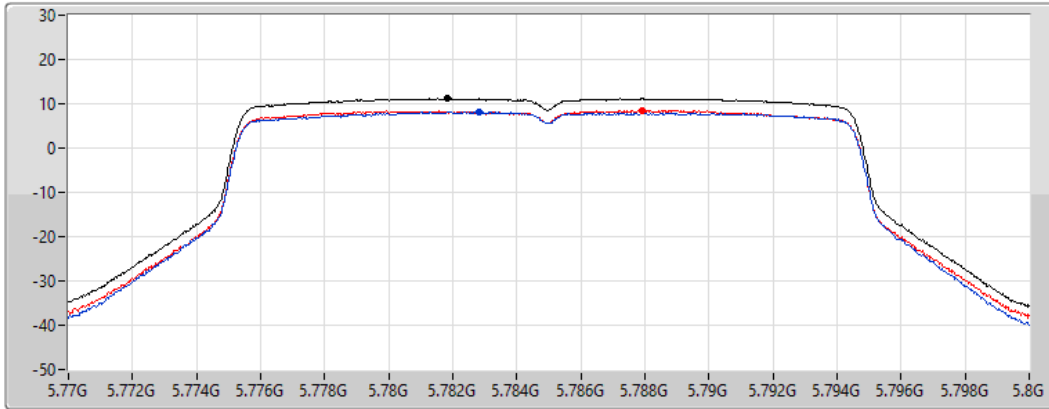
Span
30MHz


RBW
500kHz


VBW
3MHz


Sweep Time
20ms

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.14	11.14	8.21	8.47

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5825MHz

09/04/2021

CF
5.825GHz

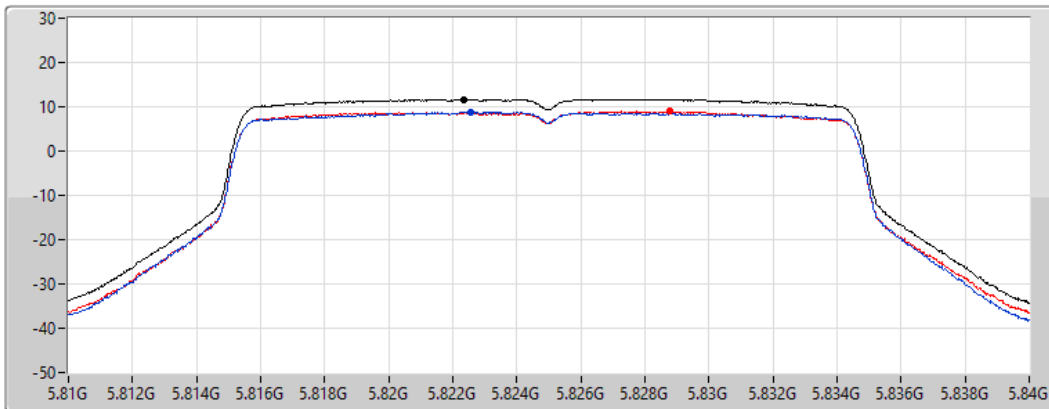
Span
30MHz


RBW
500kHz


VBW
3MHz


Sweep Time
20ms

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.70	11.70	8.82	8.92

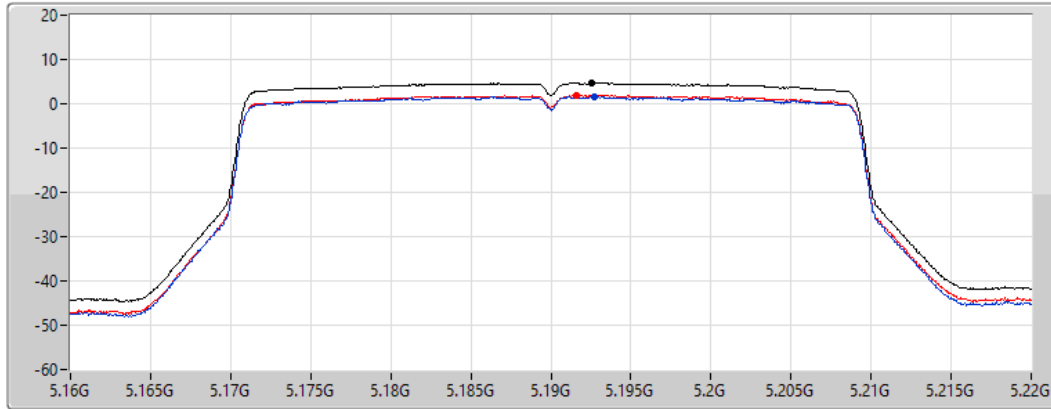
802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5190MHz

03/08/2021

CF
5.19GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.72	4.72	1.55	1.92

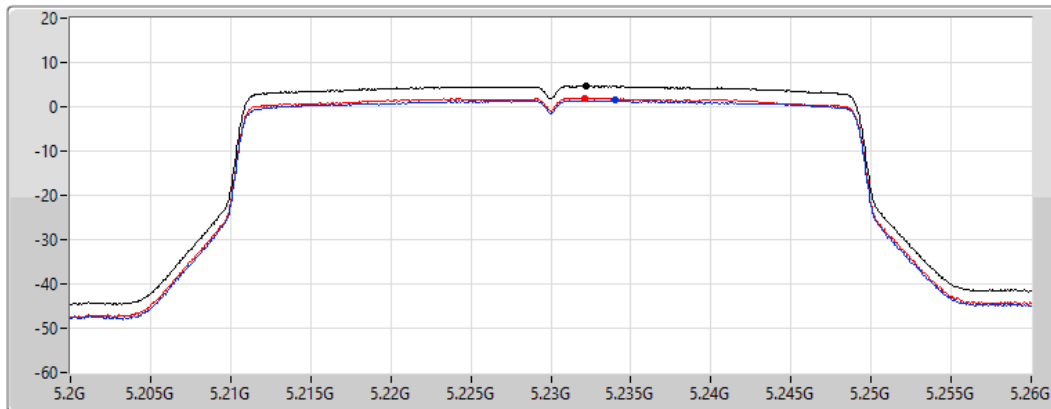
802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5230MHz

03/08/2021

CF
5.23GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.66	4.66	1.45	1.98

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5755MHz

15/04/2021

CF
5.755GHz

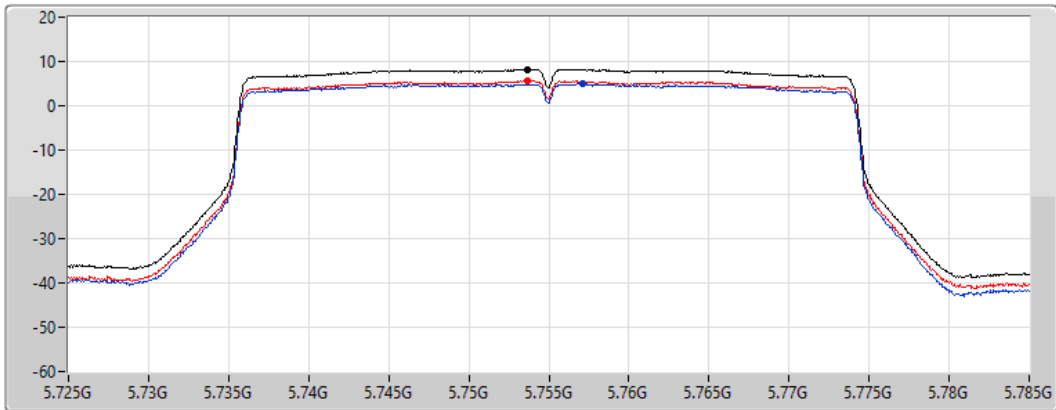
Span
60MHz


RBW
500kHz


VBW
3MHz


Sweep Time
20ms

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.26	8.26	4.97	5.69

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5795MHz

15/04/2021

CF
5.795GHz

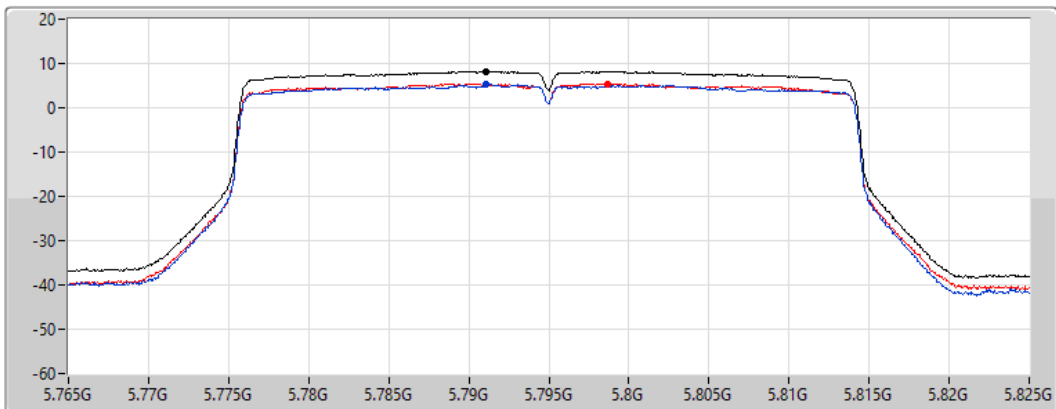
Span
60MHz


RBW
500kHz


VBW
3MHz


Sweep Time
20ms

Detector Type
RMS



Sum 

Port 1 

Port 2 

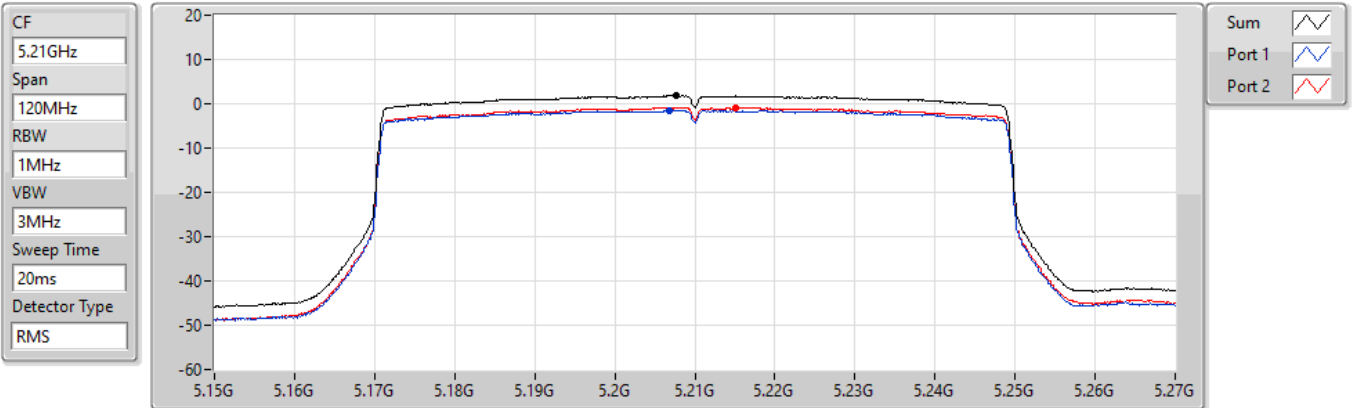
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.22	8.22	5.26	5.42

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5210MHz

03/08/2021



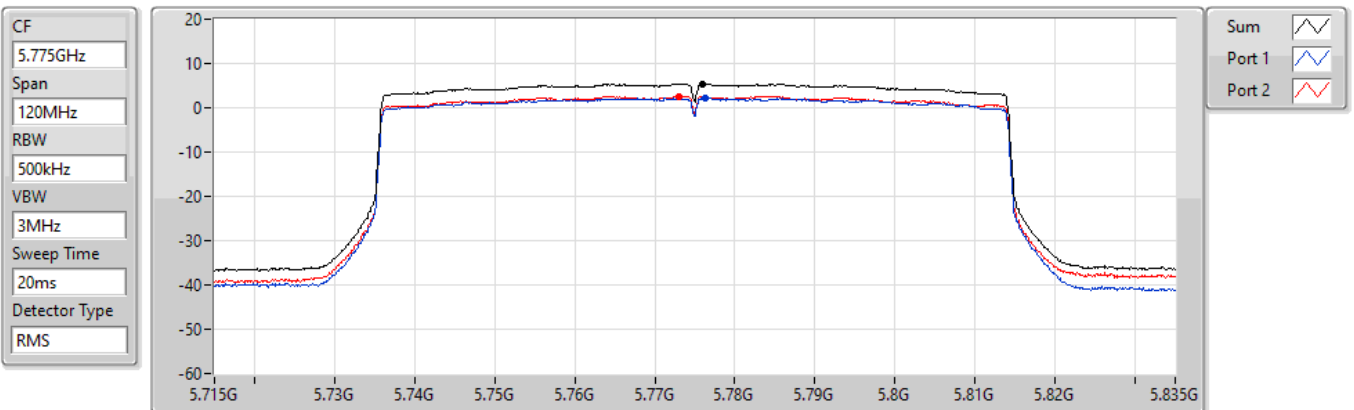
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.81	1.81	-1.50	-0.85

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5775MHz

15/04/2021



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.37	5.37	2.29	2.62



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_Nss1,(MCS0)_2TX	Pass	QP	34.1M	35.81	40.00	-4.19	3	Vertical	232	1.00	-

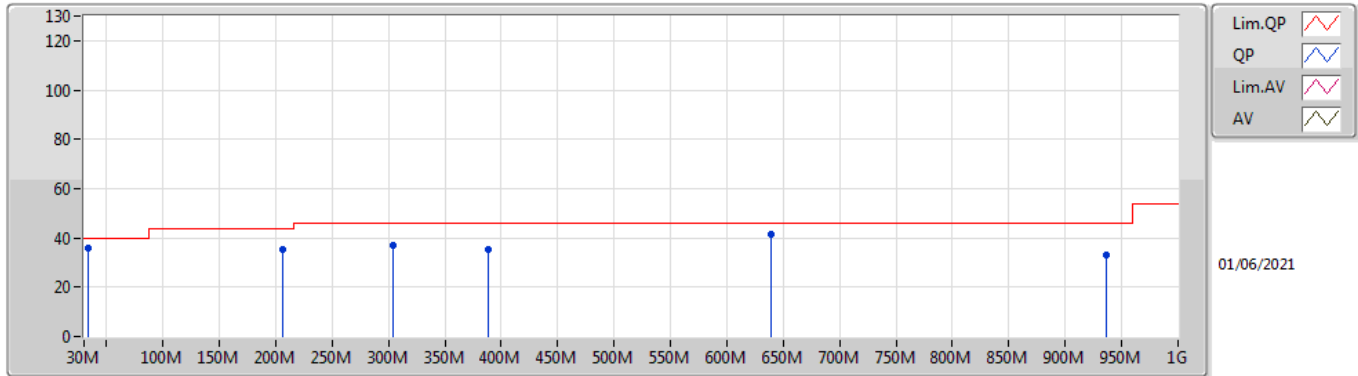


Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	PK	206.54M	35.23	43.50	-8.27	3	Vertical	360	1.00	-
5775MHz	Pass	PK	303.54M	36.72	46.00	-9.28	3	Vertical	360	1.00	-
5775MHz	Pass	PK	388.9M	35.34	46.00	-10.66	3	Vertical	360	1.00	-
5775MHz	Pass	PK	639.16M	41.41	46.00	-4.59	3	Vertical	360	1.00	-
5775MHz	Pass	PK	935.98M	32.82	46.00	-13.18	3	Vertical	360	1.00	-
5775MHz	Pass	QP	34.1M	35.81	40.00	-4.19	3	Vertical	232	1.00	-
5775MHz	Pass	PK	86.26M	34.88	40.00	-5.12	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	206.54M	34.03	43.50	-9.47	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	328.76M	35.54	46.00	-10.46	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	410.24M	35.30	46.00	-10.70	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	672.14M	41.43	46.00	-4.57	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	840.92M	34.89	46.00	-11.11	3	Horizontal	0	1.00	-

802.11ax HEW80_Nss1,(MCS0)_2TX

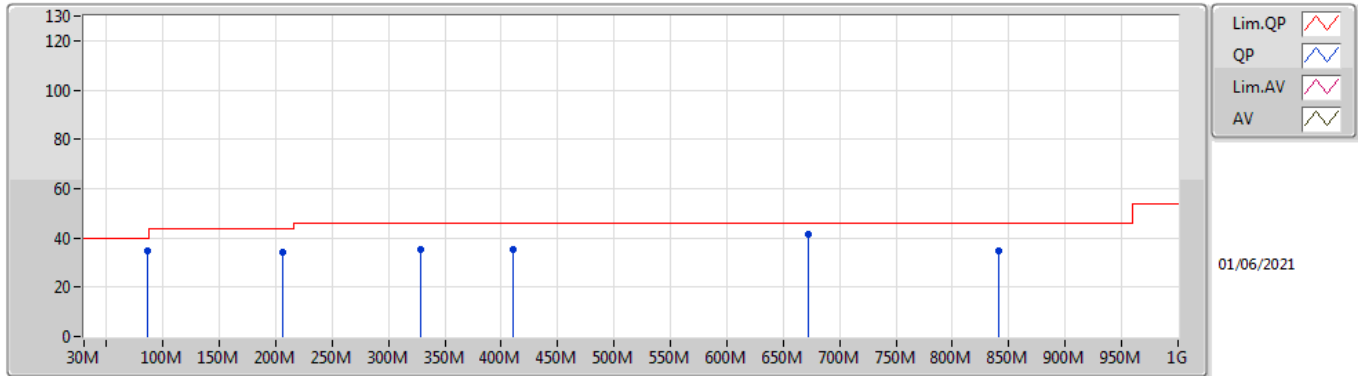
5775MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	206.54M	35.23	43.50	-8.27	-20.64	3	Vertical	360	1.00	-	55.87	14.31	1.34	36.29
PK	303.54M	36.72	46.00	-9.28	-16.41	3	Vertical	360	1.00	-	53.13	18.36	1.68	36.45
PK	388.9M	35.34	46.00	-10.66	-13.98	3	Vertical	360	1.00	-	49.32	20.70	1.88	36.56
PK	639.16M	41.41	46.00	-4.59	-9.09	3	Vertical	360	1.00	-	50.50	25.54	2.59	37.22
PK	935.98M	32.82	46.00	-13.18	-5.14	3	Vertical	360	1.00	-	37.96	29.36	3.07	37.57
QP	34.1M	35.81	40.00	-4.19	-14.84	3	Vertical	232	1.00	-	50.65	21.60	0.64	37.08

802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	86.26M	34.88	40.00	-5.12	-22.50	3	Horizontal	0	1.00	-	57.38	13.36	0.92	36.78
PK	206.54M	34.03	43.50	-9.47	-20.64	3	Horizontal	0	1.00	-	54.67	14.31	1.34	36.29
PK	328.76M	35.54	46.00	-10.46	-15.79	3	Horizontal	0	1.00	-	51.33	18.97	1.73	36.49
PK	410.24M	35.30	46.00	-10.70	-13.04	3	Horizontal	0	1.00	-	48.34	21.59	1.95	36.58
PK	672.14M	41.43	46.00	-4.57	-9.02	3	Horizontal	0	1.00	-	50.45	25.60	2.65	37.27
PK	840.92M	34.89	46.00	-11.11	-6.49	3	Horizontal	0	1.00	-	41.38	28.20	2.91	37.60



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)_2TX	Pass	QP	30M	39.13	40.00	-0.87	3	Vertical	355	1.00	-

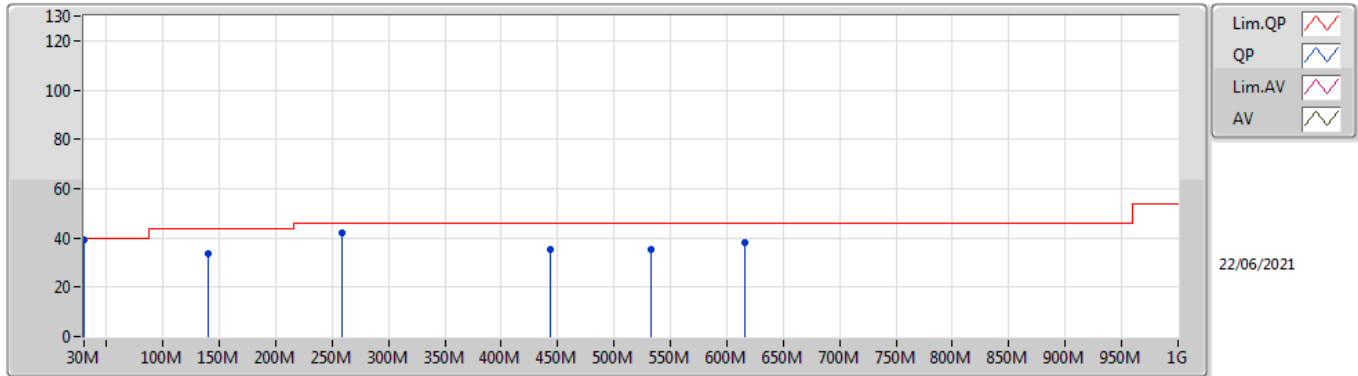


Result

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)_2TX	-	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	PK	140.58M	33.88	43.50	-9.62	3	Vertical	360	1.00	-
5775MHz	Pass	PK	443.22M	35.44	46.00	-10.56	3	Vertical	360	1.00	-
5775MHz	Pass	PK	532.46M	35.08	46.00	-10.92	3	Vertical	360	1.00	-
5775MHz	Pass	PK	615.88M	38.20	46.00	-7.80	3	Vertical	360	1.00	-
5775MHz	Pass	QP	30M	39.13	40.00	-0.87	3	Vertical	355	1.00	-
5775MHz	Pass	QP	258.92M	42.25	46.00	-3.75	3	Vertical	162	1.49	-
5775MHz	Pass	PK	30M	28.76	40.00	-11.24	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	82.38M	32.18	40.00	-7.82	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	192.96M	34.85	43.50	-8.65	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	256.98M	34.65	46.00	-11.35	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	437.4M	34.95	46.00	-11.05	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	619.76M	35.40	46.00	-10.60	3	Horizontal	0	1.00	-

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

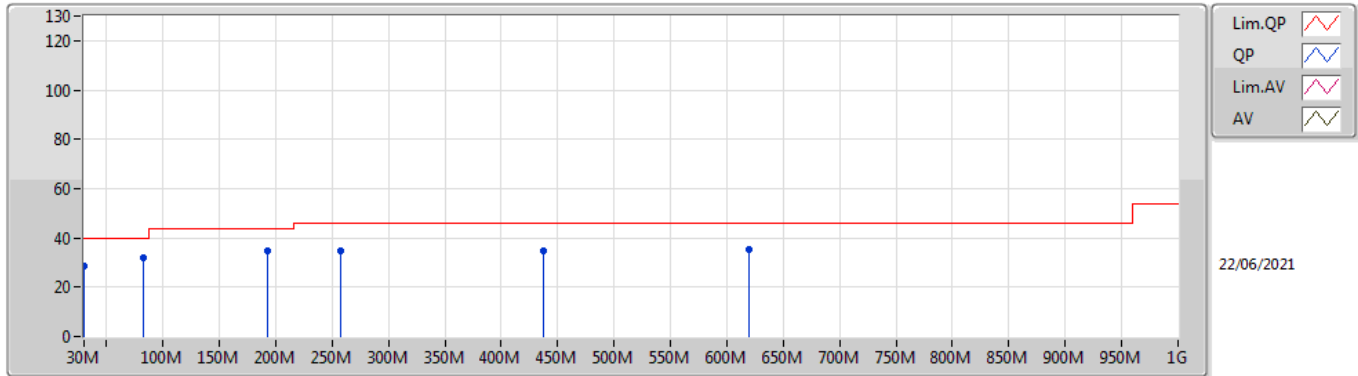
5775MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	140.58M	33.88	43.50	-9.62	-18.64	3	Vertical	360	1.00	-	52.52	16.60	1.17	36.41
PK	443.22M	35.44	46.00	-10.56	-12.23	3	Vertical	360	1.00	-	47.67	22.31	2.07	36.61
PK	532.46M	35.08	46.00	-10.92	-11.48	3	Vertical	360	1.00	-	46.56	23.24	2.33	37.05
PK	615.88M	38.20	46.00	-7.80	-9.60	3	Vertical	360	1.00	-	47.80	25.04	2.52	37.16
QP	30M	39.13	40.00	-0.87	-13.08	3	Vertical	355	1.00	-	52.21	23.51	0.56	37.15
QP	258.92M	42.25	46.00	-3.75	-15.86	3	Vertical	162	1.49	-	58.11	19.01	1.53	36.40

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

5775MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	30M	28.76	40.00	-11.24	-13.08	3	Horizontal	0	1.00	-	41.84	23.51	0.56	37.15
PK	82.38M	32.18	40.00	-7.82	-23.09	3	Horizontal	0	1.00	-	55.27	12.84	0.90	36.83
PK	192.96M	34.85	43.50	-8.65	-21.04	3	Horizontal	0	1.00	-	55.89	13.98	1.31	36.33
PK	256.98M	34.65	46.00	-11.35	-16.19	3	Horizontal	0	1.00	-	50.84	18.69	1.52	36.40
PK	437.4M	34.95	46.00	-11.05	-12.34	3	Horizontal	0	1.00	-	47.29	22.22	2.05	36.61
PK	619.76M	35.40	46.00	-10.60	-9.40	3	Horizontal	0	1.00	-	44.80	25.24	2.53	37.17



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	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	5.1498G	50.84	54.00	-3.16	3	Vertical	207	1.86	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	5.1486G	53.16	54.00	-0.84	3	Vertical	211	1.84	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	5.1488G	53.06	54.00	-0.94	3	Vertical	211	1.87	-
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	AV	5.144G	53.00	54.00	-1.00	3	Vertical	208	1.89	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	11.49G	48.21	54.00	-5.79	3	Horizontal	5	1.40	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	11.49002G	47.51	54.00	-6.49	3	Horizontal	3	1.42	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	PK	5.9362G	58.71	68.20	-9.49	3	Vertical	194	1.82	-
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	PK	5.649G	66.92	68.20	-1.28	3	Horizontal	176	1.75	-



Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11a_Nss1_(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1498G	50.84	54.00	-3.16	3	Vertical	207	1.86	-
5180MHz	Pass	AV	5.1748G	109.32	Inf	-Inf	3	Vertical	207	1.86	-
5180MHz	Pass	PK	5.1494G	62.47	74.00	-11.53	3	Vertical	207	1.86	-
5180MHz	Pass	PK	5.1838G	118.53	Inf	-Inf	3	Vertical	207	1.86	-
5180MHz	Pass	AV	5.1474G	48.60	54.00	-5.40	3	Horizontal	333	1.61	-
5180MHz	Pass	AV	5.1828G	107.98	Inf	-Inf	3	Horizontal	333	1.61	-
5180MHz	Pass	PK	5.148G	60.24	74.00	-13.76	3	Horizontal	333	1.61	-
5180MHz	Pass	PK	5.1826G	117.96	Inf	-Inf	3	Horizontal	333	1.61	-
5180MHz	Pass	PK	10.35983G	55.81	68.20	-12.39	3	Vertical	346	1.33	-
5180MHz	Pass	PK	10.35976G	56.84	68.20	-11.36	3	Horizontal	352	1.00	-
5200MHz	Pass	AV	5.144G	45.48	54.00	-8.52	3	Vertical	212	1.81	-
5200MHz	Pass	AV	5.204G	108.99	Inf	-Inf	3	Vertical	212	1.81	-
5200MHz	Pass	PK	5.1496G	58.82	74.00	-15.18	3	Vertical	212	1.81	-
5200MHz	Pass	PK	5.1992G	118.17	Inf	-Inf	3	Vertical	212	1.81	-
5200MHz	Pass	AV	5.1476G	44.89	54.00	-9.11	3	Horizontal	330	1.69	-
5200MHz	Pass	AV	5.2024G	107.86	Inf	-Inf	3	Horizontal	330	1.69	-
5200MHz	Pass	PK	5.1112G	57.29	74.00	-16.71	3	Horizontal	330	1.69	-
5200MHz	Pass	PK	5.2024G	117.61	Inf	-Inf	3	Horizontal	330	1.69	-
5200MHz	Pass	PK	10.39997G	55.47	68.20	-12.73	3	Vertical	356	1.50	-
5200MHz	Pass	PK	10.39984G	56.81	68.20	-11.39	3	Horizontal	350	1.02	-
5240MHz	Pass	AV	5.1458G	45.20	54.00	-8.80	3	Vertical	210	1.83	-
5240MHz	Pass	AV	5.2412G	109.33	Inf	-Inf	3	Vertical	210	1.83	-
5240MHz	Pass	AV	5.3762G	49.01	54.00	-4.99	3	Vertical	210	1.83	-
5240MHz	Pass	PK	5.1032G	57.47	74.00	-16.53	3	Vertical	210	1.83	-
5240MHz	Pass	PK	5.2364G	118.83	Inf	-Inf	3	Vertical	210	1.83	-
5240MHz	Pass	PK	5.3756G	56.33	74.00	-17.67	3	Vertical	210	1.83	-
5240MHz	Pass	AV	5.1452G	44.46	54.00	-9.54	3	Horizontal	36	1.87	-
5240MHz	Pass	AV	5.2448G	108.34	Inf	-Inf	3	Horizontal	36	1.87	-
5240MHz	Pass	AV	5.3756G	44.76	54.00	-9.24	3	Horizontal	36	1.87	-
5240MHz	Pass	PK	5.1482G	56.28	74.00	-17.72	3	Horizontal	36	1.87	-
5240MHz	Pass	PK	5.2358G	117.88	Inf	-Inf	3	Horizontal	36	1.87	-
5240MHz	Pass	PK	5.3888G	54.78	74.00	-19.22	3	Horizontal	36	1.87	-
5240MHz	Pass	PK	10.47972G	55.66	68.20	-12.54	3	Vertical	354	2.98	-
5240MHz	Pass	PK	10.47992G	55.72	68.20	-12.48	3	Horizontal	56	1.60	-
5745MHz	Pass	AV	5.7402G	111.60	Inf	-Inf	3	Vertical	196	1.87	-
5745MHz	Pass	PK	5.553G	59.32	68.20	-8.88	3	Vertical	196	1.87	-
5745MHz	Pass	PK	5.7402G	120.43	Inf	-Inf	3	Vertical	196	1.87	-
5745MHz	Pass	PK	5.9406G	58.24	68.20	-9.96	3	Vertical	196	1.87	-
5745MHz	Pass	AV	5.7474G	110.70	Inf	-Inf	3	Horizontal	175	1.94	-
5745MHz	Pass	PK	5.6454G	59.96	68.20	-8.24	3	Horizontal	175	1.94	-
5745MHz	Pass	PK	5.7486G	120.05	Inf	-Inf	3	Horizontal	175	1.94	-
5745MHz	Pass	PK	5.9466G	57.48	68.20	-10.72	3	Horizontal	175	1.94	-
5745MHz	Pass	AV	11.48988G	46.29	54.00	-7.71	3	Vertical	1	2.21	-
5745MHz	Pass	PK	11.49028G	55.88	74.00	-18.12	3	Vertical	1	2.21	-
5745MHz	Pass	AV	11.49G	48.21	54.00	-5.79	3	Horizontal	5	1.40	-
5745MHz	Pass	PK	11.4906G	59.88	74.00	-14.12	3	Horizontal	5	1.40	-
5785MHz	Pass	AV	5.7802G	112.24	Inf	-Inf	3	Vertical	195	1.73	-
5785MHz	Pass	PK	5.599G	57.39	68.20	-10.81	3	Vertical	195	1.73	-
5785MHz	Pass	PK	5.7898G	121.43	Inf	-Inf	3	Vertical	195	1.73	-
5785MHz	Pass	PK	5.9326G	58.54	68.20	-9.66	3	Vertical	195	1.73	-
5785MHz	Pass	AV	5.7874G	110.83	Inf	-Inf	3	Horizontal	172	1.57	-
5785MHz	Pass	PK	5.599G	59.37	68.20	-8.83	3	Horizontal	172	1.57	-
5785MHz	Pass	PK	5.7874G	120.42	Inf	-Inf	3	Horizontal	172	1.57	-
5785MHz	Pass	PK	5.9422G	57.81	68.20	-10.39	3	Horizontal	172	1.57	-
5785MHz	Pass	AV	11.56986G	47.56	54.00	-6.44	3	Vertical	352	2.41	-
5785MHz	Pass	PK	11.56974G	55.66	74.00	-18.34	3	Vertical	352	2.41	-
5785MHz	Pass	AV	11.56984G	47.45	54.00	-6.55	3	Horizontal	1	1.50	-
5785MHz	Pass	PK	11.5701G	59.57	74.00	-14.43	3	Horizontal	1	1.50	-
5825MHz	Pass	AV	5.8262G	112.51	Inf	-Inf	3	Vertical	173	2.03	-
5825MHz	Pass	PK	5.6342G	59.52	68.20	-8.68	3	Vertical	173	2.03	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5825MHz	Pass	PK	5.8214G	122.17	Inf	-Inf	3	Vertical	173	2.03	-
5825MHz	Pass	PK	5.9258G	60.75	68.20	-7.45	3	Vertical	173	2.03	-
5825MHz	Pass	AV	5.8202G	111.06	Inf	-Inf	3	Horizontal	176	1.67	-
5825MHz	Pass	PK	5.6054G	58.07	68.20	-10.13	3	Horizontal	176	1.67	-
5825MHz	Pass	PK	5.8202G	120.88	Inf	-Inf	3	Horizontal	176	1.67	-
5825MHz	Pass	PK	5.9246G	61.75	68.50	-6.75	3	Horizontal	176	1.67	-
5825MHz	Pass	AV	11.6499G	45.68	54.00	-8.32	3	Vertical	1	1.92	-
5825MHz	Pass	PK	11.65002G	56.43	74.00	-17.57	3	Vertical	1	1.92	-
5825MHz	Pass	AV	11.65006G	47.05	54.00	-6.95	3	Horizontal	323	1.50	-
5825MHz	Pass	PK	11.64878G	58.99	74.00	-15.01	3	Horizontal	323	1.50	-
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1486G	53.16	54.00	-0.84	3	Vertical	211	1.84	-
5180MHz	Pass	AV	5.1786G	109.81	Inf	-Inf	3	Vertical	211	1.84	-
5180MHz	Pass	PK	5.1486G	65.33	74.00	-8.67	3	Vertical	211	1.84	-
5180MHz	Pass	PK	5.1806G	121.03	Inf	-Inf	3	Vertical	211	1.84	-
5180MHz	Pass	AV	5.1458G	50.39	54.00	-3.61	3	Horizontal	335	1.59	-
5180MHz	Pass	AV	5.1764G	107.81	Inf	-Inf	3	Horizontal	335	1.59	-
5180MHz	Pass	PK	5.1476G	63.20	74.00	-10.80	3	Horizontal	335	1.59	-
5180MHz	Pass	PK	5.185G	120.40	Inf	-Inf	3	Horizontal	335	1.59	-
5180MHz	Pass	PK	10.36023G	54.70	68.20	-13.50	3	Vertical	348	1.42	-
5180MHz	Pass	PK	10.36035G	57.09	68.20	-11.11	3	Horizontal	352	1.04	-
5200MHz	Pass	AV	5.1436G	45.62	54.00	-8.38	3	Vertical	212	1.64	-
5200MHz	Pass	AV	5.2032G	109.47	Inf	-Inf	3	Vertical	212	1.64	-
5200MHz	Pass	PK	5.1452G	57.63	74.00	-16.37	3	Vertical	212	1.64	-
5200MHz	Pass	PK	5.2032G	121.74	Inf	-Inf	3	Vertical	212	1.64	-
5200MHz	Pass	AV	5.1428G	44.96	54.00	-9.04	3	Horizontal	63	1.65	-
5200MHz	Pass	AV	5.2032G	108.07	Inf	-Inf	3	Horizontal	63	1.65	-
5200MHz	Pass	PK	5.1332G	57.05	74.00	-16.95	3	Horizontal	63	1.65	-
5200MHz	Pass	PK	5.1936G	120.45	Inf	-Inf	3	Horizontal	63	1.65	-
5200MHz	Pass	PK	10.40009G	55.21	68.20	-12.99	3	Vertical	348	1.44	-
5200MHz	Pass	PK	10.4G	55.12	68.20	-13.08	3	Horizontal	354	1.08	-
5240MHz	Pass	AV	5.1488G	46.66	54.00	-7.34	3	Vertical	210	1.91	-
5240MHz	Pass	AV	5.2334G	111.45	Inf	-Inf	3	Vertical	210	1.91	-
5240MHz	Pass	AV	5.3762G	49.71	54.00	-4.29	3	Vertical	210	1.91	-
5240MHz	Pass	PK	5.1122G	58.70	74.00	-15.30	3	Vertical	210	1.91	-
5240MHz	Pass	PK	5.243G	123.95	Inf	-Inf	3	Vertical	210	1.91	-
5240MHz	Pass	PK	5.3756G	59.23	74.00	-14.77	3	Vertical	210	1.91	-
5240MHz	Pass	AV	5.1422G	45.95	54.00	-8.05	3	Horizontal	31	1.68	-
5240MHz	Pass	AV	5.2388G	109.52	Inf	-Inf	3	Horizontal	31	1.68	-
5240MHz	Pass	AV	5.3762G	46.45	54.00	-7.55	3	Horizontal	31	1.68	-
5240MHz	Pass	PK	5.1278G	59.20	74.00	-14.80	3	Horizontal	31	1.68	-
5240MHz	Pass	PK	5.2388G	120.57	Inf	-Inf	3	Horizontal	31	1.68	-
5240MHz	Pass	PK	5.3624G	58.24	74.00	-15.76	3	Horizontal	31	1.68	-
5240MHz	Pass	PK	10.48G	55.27	68.20	-12.93	3	Vertical	353	1.50	-
5240MHz	Pass	PK	10.47986G	55.21	68.20	-12.99	3	Horizontal	63	1.62	-
5745MHz	Pass	AV	5.7498G	111.38	Inf	-Inf	3	Vertical	196	1.74	-
5745MHz	Pass	PK	5.5494G	58.56	68.20	-9.64	3	Vertical	196	1.74	-
5745MHz	Pass	PK	5.7402G	122.64	Inf	-Inf	3	Vertical	196	1.74	-
5745MHz	Pass	PK	5.9382G	57.08	68.20	-11.12	3	Vertical	196	1.74	-
5745MHz	Pass	AV	5.7414G	110.55	Inf	-Inf	3	Horizontal	175	2.07	-
5745MHz	Pass	PK	5.6442G	58.67	68.20	-9.53	3	Horizontal	175	2.07	-
5745MHz	Pass	PK	5.7486G	121.76	Inf	-Inf	3	Horizontal	175	2.07	-
5745MHz	Pass	PK	5.9274G	58.08	68.20	-10.12	3	Horizontal	175	2.07	-
5745MHz	Pass	AV	11.48996G	45.62	54.00	-8.38	3	Vertical	356	2.24	-
5745MHz	Pass	PK	11.48958G	56.67	74.00	-17.33	3	Vertical	356	2.24	-
5745MHz	Pass	AV	11.49002G	47.51	54.00	-6.49	3	Horizontal	3	1.42	-
5745MHz	Pass	PK	11.48983G	60.60	74.00	-13.40	3	Horizontal	3	1.42	-
5785MHz	Pass	AV	5.779G	112.44	Inf	-Inf	3	Vertical	195	1.83	-
5785MHz	Pass	PK	5.5042G	58.93	68.20	-9.27	3	Vertical	195	1.83	-
5785MHz	Pass	PK	5.779G	123.43	Inf	-Inf	3	Vertical	195	1.83	-
5785MHz	Pass	PK	5.9254G	58.86	68.20	-9.34	3	Vertical	195	1.83	-
5785MHz	Pass	AV	5.7814G	111.07	Inf	-Inf	3	Horizontal	173	2.09	-



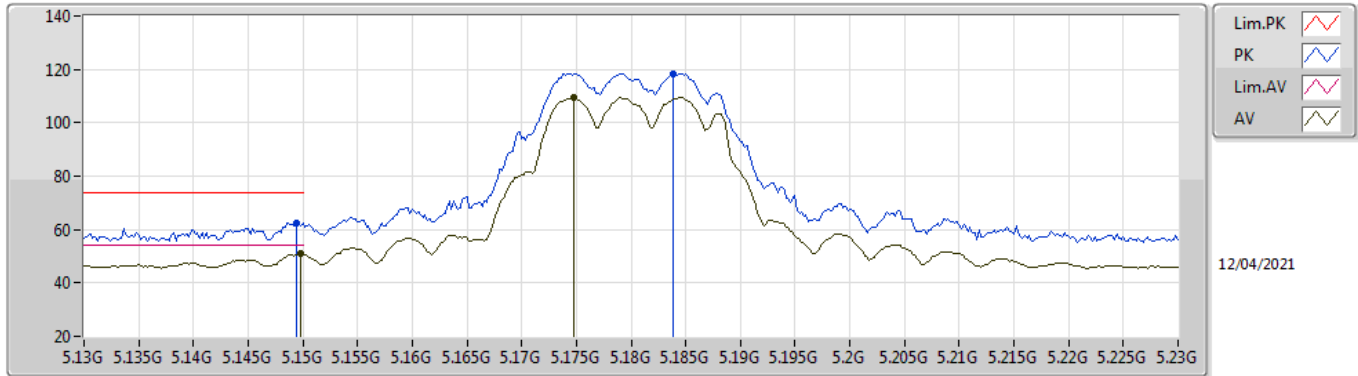
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5785MHz	Pass	PK	5.5894G	59.35	68.20	-8.85	3	Horizontal	173	2.09	-
5785MHz	Pass	PK	5.7898G	123.42	Inf	-Inf	3	Horizontal	173	2.09	-
5785MHz	Pass	PK	5.9254G	58.90	68.20	-9.30	3	Horizontal	173	2.09	-
5785MHz	Pass	AV	11.56992G	46.40	54.00	-7.60	3	Vertical	347	2.29	-
5785MHz	Pass	PK	11.56988G	55.34	74.00	-18.66	3	Vertical	347	2.29	-
5785MHz	Pass	AV	11.56976G	46.95	54.00	-7.05	3	Horizontal	360	1.50	-
5785MHz	Pass	PK	11.56996G	60.31	74.00	-13.69	3	Horizontal	360	1.50	-
5825MHz	Pass	AV	5.8214G	111.95	Inf	-Inf	3	Vertical	176	1.96	-
5825MHz	Pass	PK	5.639G	58.21	68.20	-9.99	3	Vertical	176	1.96	-
5825MHz	Pass	PK	5.831G	122.35	Inf	-Inf	3	Vertical	176	1.96	-
5825MHz	Pass	PK	5.927G	61.29	68.20	-6.91	3	Vertical	176	1.96	-
5825MHz	Pass	AV	5.8202G	110.33	Inf	-Inf	3	Horizontal	178	1.67	-
5825MHz	Pass	PK	5.6402G	58.18	68.20	-10.02	3	Horizontal	178	1.67	-
5825MHz	Pass	PK	5.8202G	122.08	Inf	-Inf	3	Horizontal	178	1.67	-
5825MHz	Pass	PK	5.927G	61.57	68.20	-6.63	3	Horizontal	178	1.67	-
5825MHz	Pass	AV	11.64997G	45.41	54.00	-8.59	3	Vertical	360	1.91	-
5825MHz	Pass	PK	11.64998G	55.79	74.00	-18.21	3	Vertical	360	1.91	-
5825MHz	Pass	AV	11.64992G	47.51	54.00	-6.49	3	Horizontal	5	1.15	-
5825MHz	Pass	PK	11.6498G	60.36	74.00	-13.64	3	Horizontal	5	1.15	-
802.11ax HEW40_Nss1_(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.1488G	53.06	54.00	-0.94	3	Vertical	211	1.87	-
5190MHz	Pass	AV	5.1884G	105.42	Inf	-Inf	3	Vertical	211	1.87	-
5190MHz	Pass	PK	5.1488G	64.51	74.00	-9.49	3	Vertical	211	1.87	-
5190MHz	Pass	PK	5.178G	116.81	Inf	-Inf	3	Vertical	211	1.87	-
5190MHz	Pass	AV	5.1464G	50.07	54.00	-3.93	3	Horizontal	334	1.50	-
5190MHz	Pass	AV	5.1852G	103.25	Inf	-Inf	3	Horizontal	334	1.50	-
5190MHz	Pass	PK	5.146G	63.09	74.00	-10.91	3	Horizontal	334	1.50	-
5190MHz	Pass	PK	5.1952G	115.34	Inf	-Inf	3	Horizontal	334	1.50	-
5190MHz	Pass	PK	10.38014G	55.48	68.20	-12.72	3	Vertical	1	1.50	-
5190MHz	Pass	PK	10.38007G	56.20	68.20	-12.00	3	Horizontal	355	1.65	-
5230MHz	Pass	AV	5.1496G	52.38	54.00	-1.62	3	Vertical	210	1.79	-
5230MHz	Pass	AV	5.2288G	109.91	Inf	-Inf	3	Vertical	210	1.79	-
5230MHz	Pass	PK	5.148G	65.29	74.00	-8.71	3	Vertical	210	1.79	-
5230MHz	Pass	PK	5.2276G	120.81	Inf	-Inf	3	Vertical	210	1.79	-
5230MHz	Pass	AV	5.1432G	49.32	54.00	-4.68	3	Horizontal	30	1.55	-
5230MHz	Pass	AV	5.234G	108.56	Inf	-Inf	3	Horizontal	30	1.55	-
5230MHz	Pass	PK	5.146G	62.22	74.00	-11.78	3	Horizontal	30	1.55	-
5230MHz	Pass	PK	5.2252G	119.77	Inf	-Inf	3	Horizontal	30	1.55	-
5230MHz	Pass	PK	10.45992G	55.73	68.20	-12.47	3	Vertical	359	1.50	-
5230MHz	Pass	PK	10.45999G	55.40	68.20	-12.80	3	Horizontal	2	1.64	-
5755MHz	Pass	AV	5.7598G	109.42	Inf	-Inf	3	Vertical	194	1.82	-
5755MHz	Pass	PK	5.5594G	58.55	68.20	-9.65	3	Vertical	194	1.82	-
5755MHz	Pass	PK	5.7598G	121.33	Inf	-Inf	3	Vertical	194	1.82	-
5755MHz	Pass	PK	5.9362G	58.71	68.20	-9.49	3	Vertical	194	1.82	-
5755MHz	Pass	AV	5.7598G	107.89	Inf	-Inf	3	Horizontal	177	2.16	-
5755MHz	Pass	PK	5.6494G	58.54	68.20	-9.66	3	Horizontal	177	2.16	-
5755MHz	Pass	PK	5.7598G	119.35	Inf	-Inf	3	Horizontal	177	2.16	-
5755MHz	Pass	PK	5.9362G	58.26	68.20	-9.94	3	Horizontal	177	2.16	-
5755MHz	Pass	AV	11.51095G	43.45	54.00	-10.55	3	Vertical	79	1.50	-
5755MHz	Pass	PK	11.5103G	56.73	74.00	-17.27	3	Vertical	79	1.50	-
5755MHz	Pass	AV	11.50995G	44.23	54.00	-9.77	3	Horizontal	50	1.50	-
5755MHz	Pass	PK	11.51001G	56.57	74.00	-17.43	3	Horizontal	50	1.50	-
5795MHz	Pass	AV	5.7914G	109.61	Inf	-Inf	3	Vertical	174	2.04	-
5795MHz	Pass	PK	5.6186G	57.04	68.20	-11.16	3	Vertical	174	2.04	-
5795MHz	Pass	PK	5.8118G	121.16	Inf	-Inf	3	Vertical	174	2.04	-
5795MHz	Pass	PK	5.9846G	57.92	68.20	-10.28	3	Vertical	174	2.04	-
5795MHz	Pass	AV	5.7962G	107.68	Inf	-Inf	3	Horizontal	178	2.07	-
5795MHz	Pass	PK	5.6006G	58.24	68.20	-9.96	3	Horizontal	178	2.07	-
5795MHz	Pass	PK	5.7974G	119.04	Inf	-Inf	3	Horizontal	178	2.07	-
5795MHz	Pass	PK	5.939G	58.57	68.20	-9.63	3	Horizontal	178	2.07	-
5795MHz	Pass	AV	11.59007G	43.70	54.00	-10.30	3	Vertical	184	2.90	-
5795MHz	Pass	PK	11.59026G	57.67	74.00	-16.33	3	Vertical	184	2.90	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5795MHz	Pass	AV	11.58991G	44.50	54.00	-9.50	3	Horizontal	4	1.50	-
5795MHz	Pass	PK	11.5902G	57.75	74.00	-16.25	3	Horizontal	4	1.50	-
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.144G	53.00	54.00	-1.00	3	Vertical	208	1.89	-
5210MHz	Pass	AV	5.214G	102.06	Inf	-Inf	3	Vertical	208	1.89	-
5210MHz	Pass	AV	5.376G	46.20	54.00	-7.80	3	Vertical	208	1.89	-
5210MHz	Pass	PK	5.143G	66.56	74.00	-7.44	3	Vertical	208	1.89	-
5210MHz	Pass	PK	5.193G	113.67	Inf	-Inf	3	Vertical	208	1.89	-
5210MHz	Pass	PK	5.352G	57.65	74.00	-16.35	3	Vertical	208	1.89	-
5210MHz	Pass	AV	5.149G	51.78	54.00	-2.22	3	Horizontal	29	1.63	-
5210MHz	Pass	AV	5.22G	100.53	Inf	-Inf	3	Horizontal	29	1.63	-
5210MHz	Pass	AV	5.35G	43.59	54.00	-10.41	3	Horizontal	29	1.63	-
5210MHz	Pass	PK	5.139G	64.04	74.00	-9.96	3	Horizontal	29	1.63	-
5210MHz	Pass	PK	5.209G	113.16	Inf	-Inf	3	Horizontal	29	1.63	-
5210MHz	Pass	PK	5.354G	55.59	74.00	-18.41	3	Horizontal	29	1.63	-
5210MHz	Pass	PK	10.42009G	55.48	68.20	-12.72	3	Vertical	2	1.49	-
5210MHz	Pass	PK	10.41992G	55.33	68.20	-12.87	3	Horizontal	3	1.61	-
5775MHz	Pass	AV	5.7846G	106.54	Inf	-Inf	3	Vertical	195	1.82	-
5775MHz	Pass	PK	5.6454G	65.75	68.20	-2.45	3	Vertical	195	1.82	-
5775MHz	Pass	PK	5.7642G	118.22	Inf	-Inf	3	Vertical	195	1.82	-
5775MHz	Pass	PK	5.925G	64.75	68.20	-3.45	3	Vertical	195	1.82	-
5775MHz	Pass	AV	5.7786G	105.42	Inf	-Inf	3	Horizontal	176	1.75	-
5775MHz	Pass	PK	5.649G	66.92	68.20	-1.28	3	Horizontal	176	1.75	-
5775MHz	Pass	PK	5.7786G	116.51	Inf	-Inf	3	Horizontal	176	1.75	-
5775MHz	Pass	PK	5.9274G	63.39	68.20	-4.81	3	Horizontal	176	1.75	-
5775MHz	Pass	AV	11.54988G	43.58	54.00	-10.42	3	Vertical	10	2.20	-
5775MHz	Pass	PK	11.54966G	57.07	74.00	-16.93	3	Vertical	10	2.20	-
5775MHz	Pass	AV	11.55002G	44.36	54.00	-9.64	3	Horizontal	49	1.50	-
5775MHz	Pass	PK	11.55041G	57.01	74.00	-16.99	3	Horizontal	49	1.50	-

802.11a_Nss1,(6Mbps)_2TX

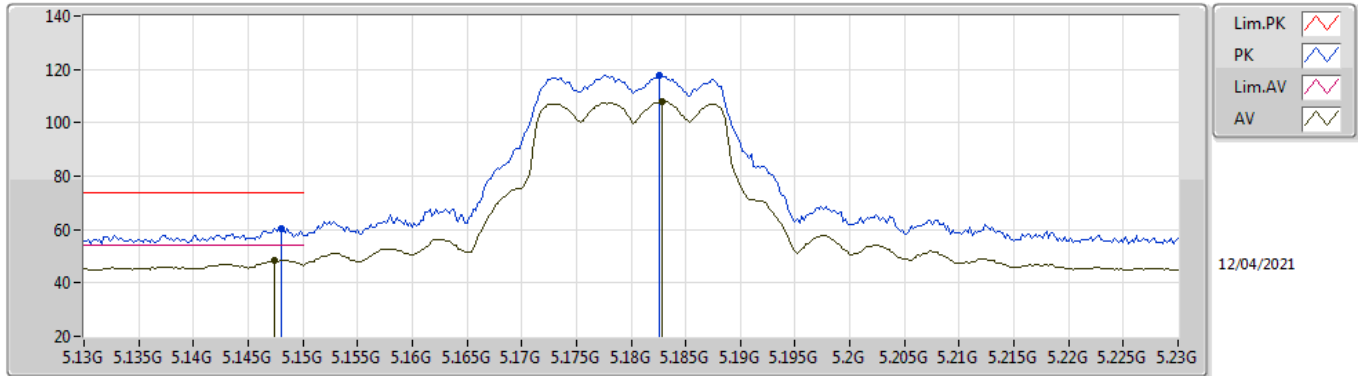
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1498G	50.84	54.00	-3.16	2.55	3	Vertical	207	1.86	-	48.29	32.00	5.47	34.92
AV	5.1748G	109.32	Inf	-Inf	2.43	3	Vertical	207	1.86	-	106.89	31.85	5.49	34.91
PK	5.1494G	62.47	74.00	-11.53	2.55	3	Vertical	207	1.86	-	59.92	32.00	5.47	34.92
PK	5.1838G	118.53	Inf	-Inf	2.38	3	Vertical	207	1.86	-	116.15	31.80	5.49	34.91

802.11a_Nss1,(6Mbps)_2TX

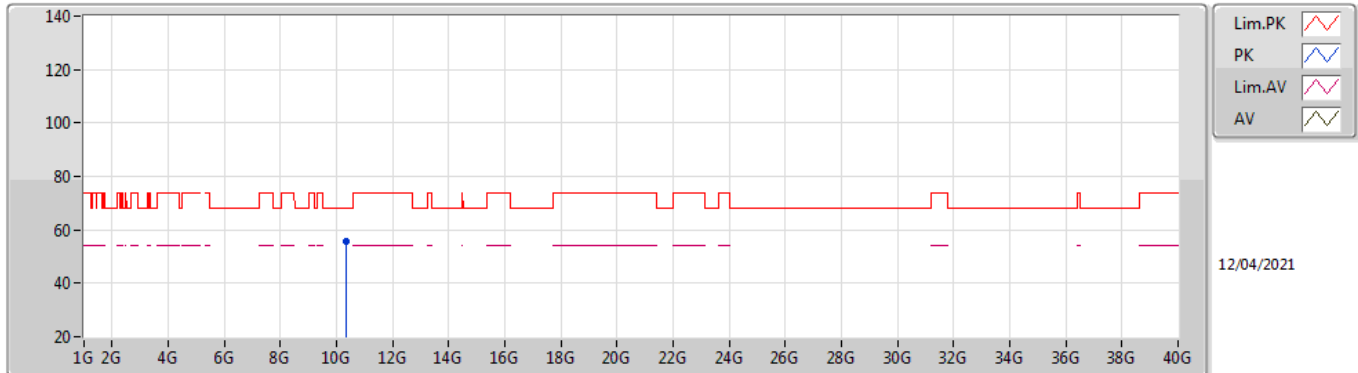
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1474G	48.60	54.00	-5.40	2.55	3	Horizontal	333	1.61	-	46.05	32.00	5.47	34.92
AV	5.1828G	107.98	Inf	-Inf	2.38	3	Horizontal	333	1.61	-	105.60	31.80	5.49	34.91
PK	5.148G	60.24	74.00	-13.76	2.55	3	Horizontal	333	1.61	-	57.69	32.00	5.47	34.92
PK	5.1826G	117.96	Inf	-Inf	2.38	3	Horizontal	333	1.61	-	115.58	31.80	5.49	34.91

802.11a_Nss1,(6Mbps)_2TX

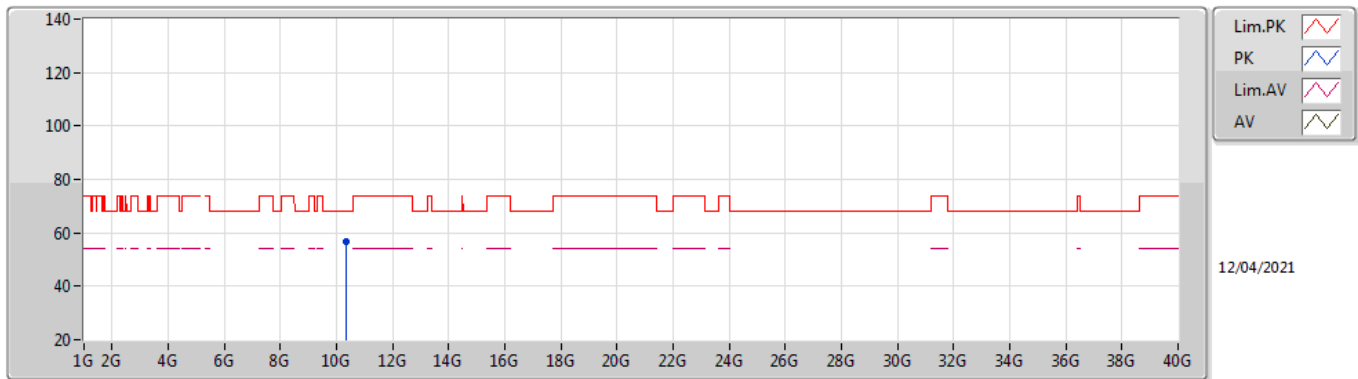
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.35983G	55.81	68.20	-12.39	12.17	3	Vertical	346	1.33	-	43.64	39.48	7.93	35.24

802.11a_Nss1,(6Mbps)_2TX

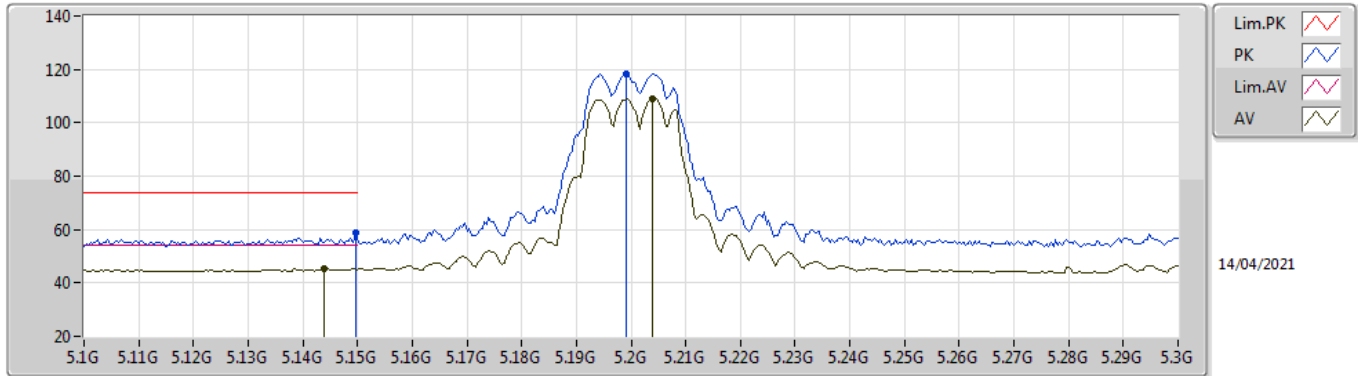
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.359766	56.84	68.20	-11.36	12.17	3	Horizontal	352	1.00	-	44.67	39.48	7.93	35.24

802.11a_Nss1,(6Mbps)_2TX

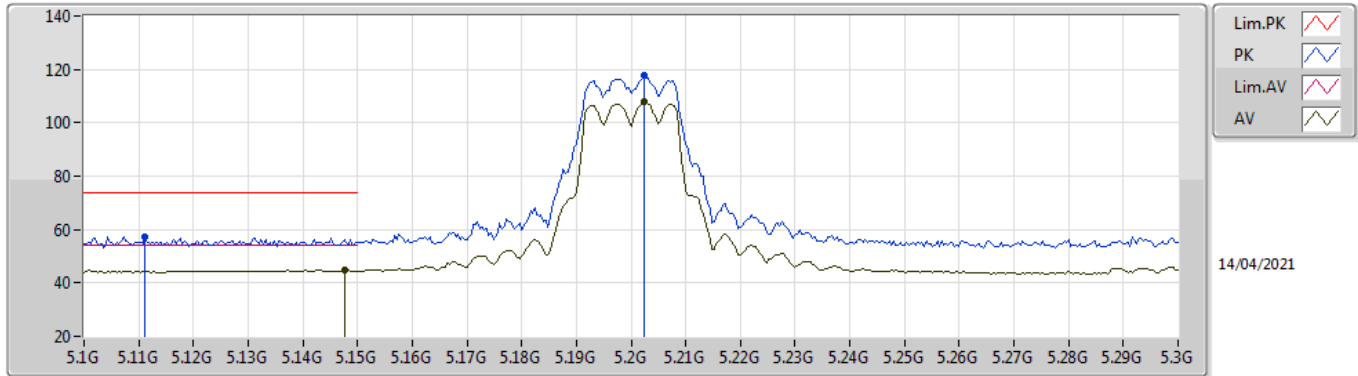
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.144G	45.48	54.00	-8.52	2.55	3	Vertical	212	1.81	-	42.93	32.00	5.47	34.92
AV	5.204G	108.99	Inf	-Inf	2.27	3	Vertical	212	1.81	-	106.72	31.68	5.50	34.91
PK	5.1496G	58.82	74.00	-15.18	2.55	3	Vertical	212	1.81	-	56.27	32.00	5.47	34.92
PK	5.1992G	118.17	Inf	-Inf	2.29	3	Vertical	212	1.81	-	115.88	31.70	5.50	34.91

802.11a_Nss1,(6Mbps)_2TX

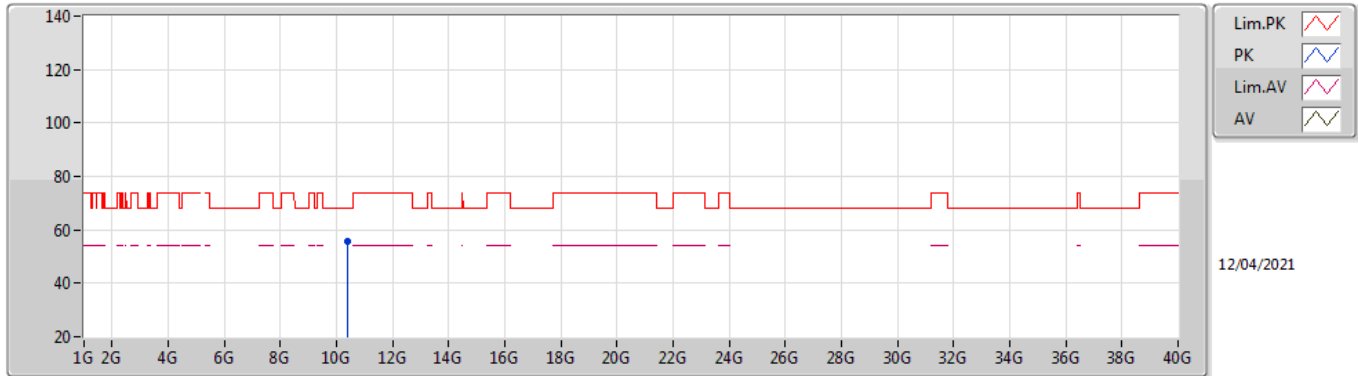
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1476G	44.89	54.00	-9.11	2.55	3	Horizontal	330	1.69	-	42.34	32.00	5.47	34.92
AV	5.2024G	107.86	Inf	-Inf	2.28	3	Horizontal	330	1.69	-	105.58	31.69	5.50	34.91
PK	5.1112G	57.29	74.00	-16.71	2.54	3	Horizontal	330	1.69	-	54.75	32.00	5.46	34.92
PK	5.2024G	117.61	Inf	-Inf	2.28	3	Horizontal	330	1.69	-	115.33	31.69	5.50	34.91

802.11a_Nss1,(6Mbps)_2TX

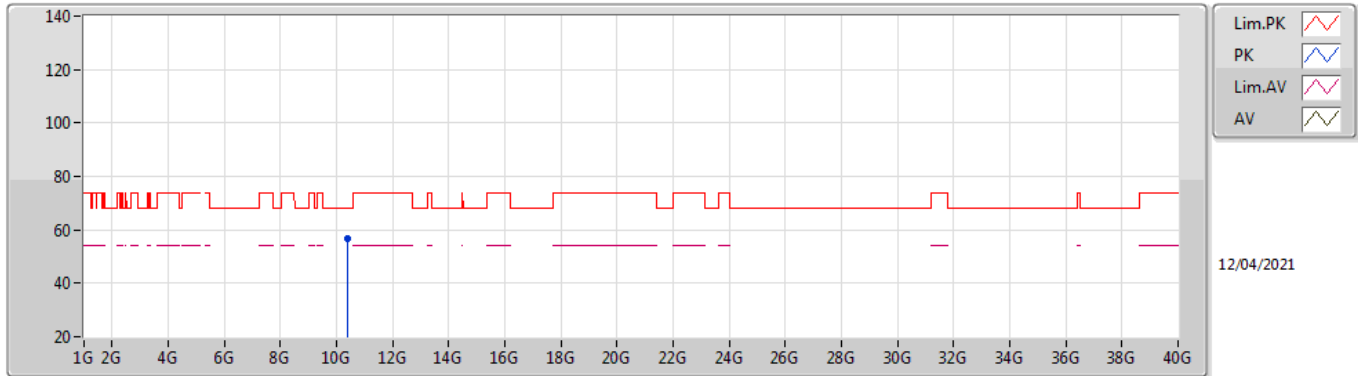
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.39997G	55.47	68.20	-12.73	12.35	3	Vertical	356	1.50	-	43.12	39.60	7.94	35.19

802.11a_Nss1,(6Mbps)_2TX

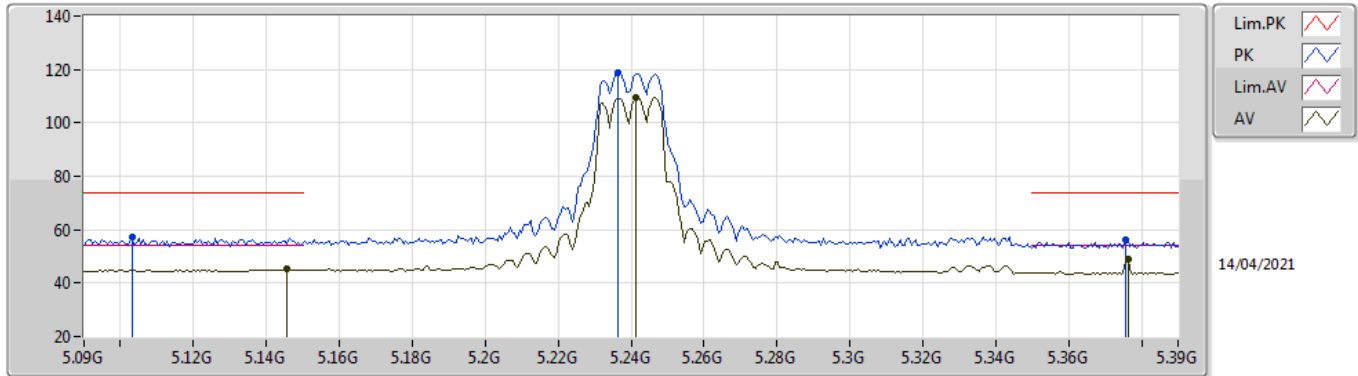
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.39984G	56.81	68.20	-11.39	12.35	3	Horizontal	350	1.02	-	44.46	39.60	7.94	35.19

802.11a_Nss1,(6Mbps)_2TX

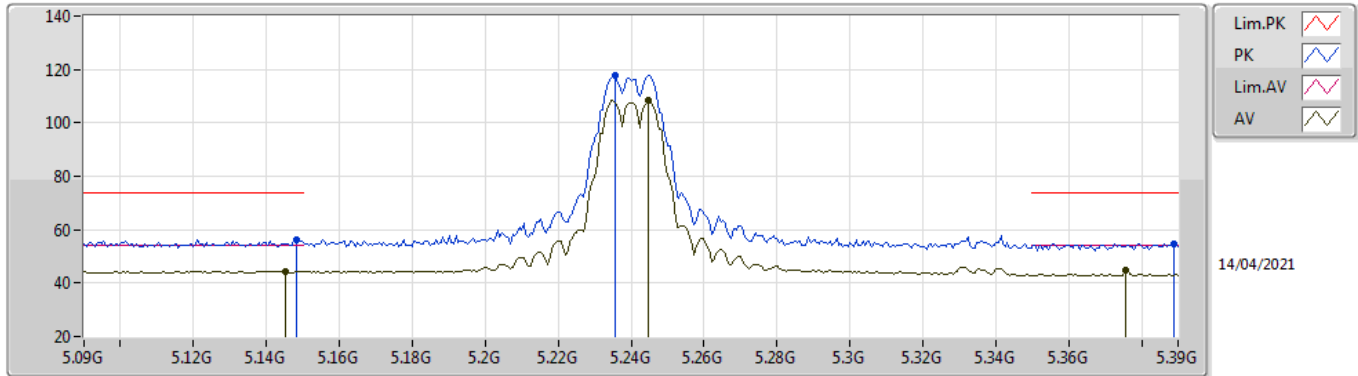
5240MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1458G	45.20	54.00	-8.80	2.55	3	Vertical	210	1.83	-	42.65	32.00	5.47	34.92
AV	5.2412G	109.33	Inf	-Inf	2.09	3	Vertical	210	1.83	-	107.24	31.45	5.54	34.90
AV	5.3762G	49.01	54.00	-4.99	2.26	3	Vertical	210	1.83	-	46.75	31.46	5.68	34.88
PK	5.1032G	57.47	74.00	-16.53	2.53	3	Vertical	210	1.83	-	54.94	32.00	5.45	34.92
PK	5.2364G	118.83	Inf	-Inf	2.12	3	Vertical	210	1.83	-	116.71	31.48	5.54	34.90
PK	5.3756G	56.33	74.00	-17.67	2.25	3	Vertical	210	1.83	-	54.08	31.45	5.68	34.88

802.11a_Nss1,(6Mbps)_2TX

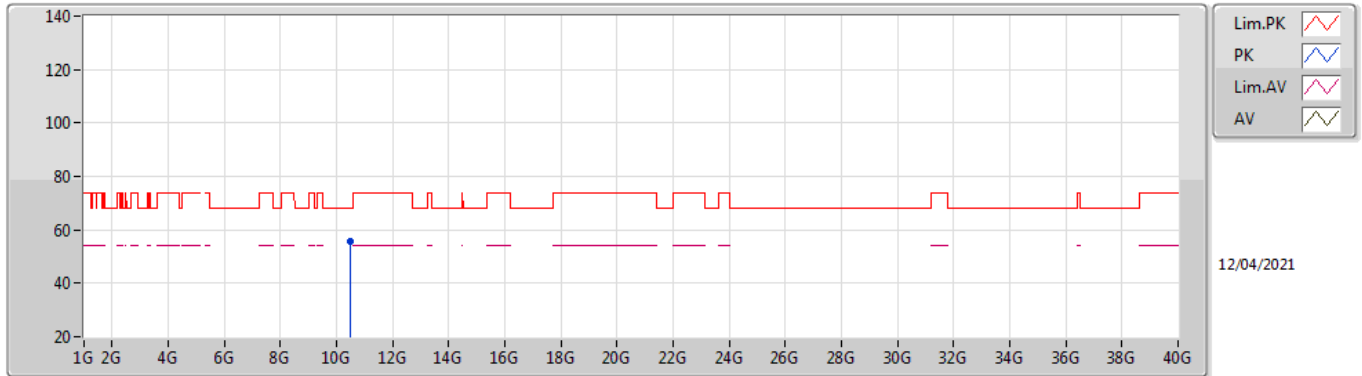
5240MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1452G	44.46	54.00	-9.54	2.55	3	Horizontal	36	1.87	-	41.91	32.00	5.47	34.92
AV	5.2448G	108.34	Inf	-Inf	2.07	3	Horizontal	36	1.87	-	106.27	31.43	5.54	34.90
AV	5.3756G	44.76	54.00	-9.24	2.25	3	Horizontal	36	1.87	-	42.51	31.45	5.68	34.88
PK	5.1482G	56.28	74.00	-17.72	2.55	3	Horizontal	36	1.87	-	53.73	32.00	5.47	34.92
PK	5.2358G	117.88	Inf	-Inf	2.13	3	Horizontal	36	1.87	-	115.75	31.49	5.54	34.90
PK	5.3888G	54.78	74.00	-19.22	2.34	3	Horizontal	36	1.87	-	52.44	31.53	5.69	34.88

802.11a_Nss1,(6Mbps)_2TX

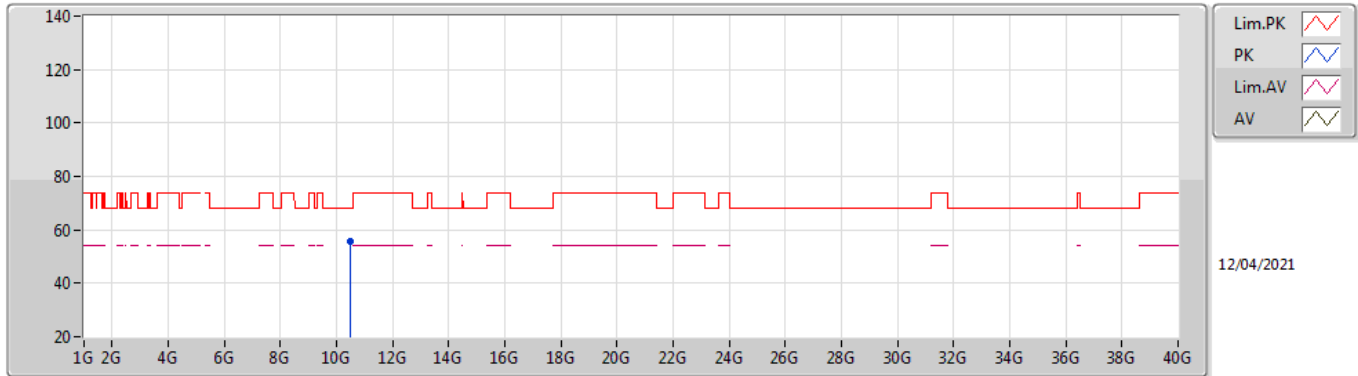
5240MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.47972G	55.66	68.20	-12.54	12.72	3	Vertical	354	2.98	-	42.94	39.84	7.97	35.09

802.11a_Nss1,(6Mbps)_2TX

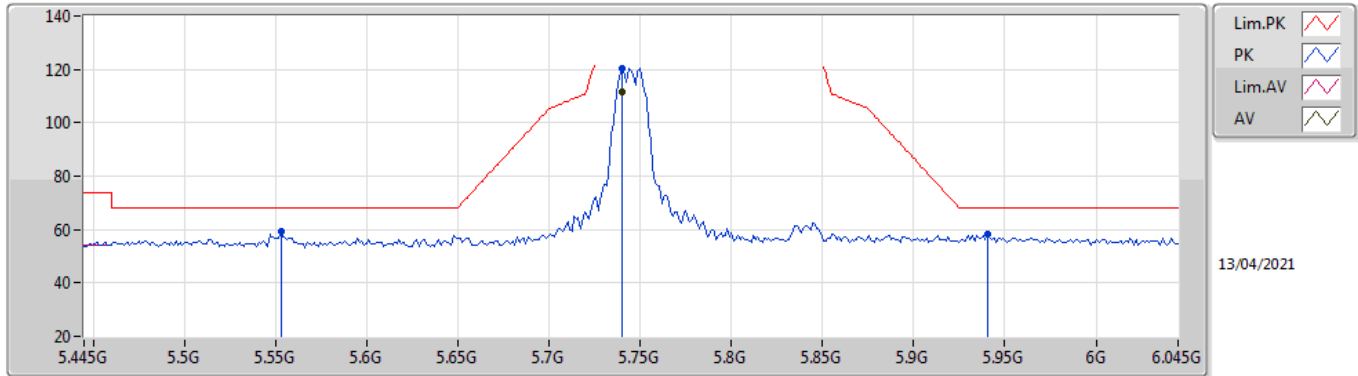
5240MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.47992G	55.72	68.20	-12.48	12.72	3	Horizontal	56	1.60	-	43.00	39.84	7.97	35.09

802.11a_Nss1,(6Mbps)_2TX

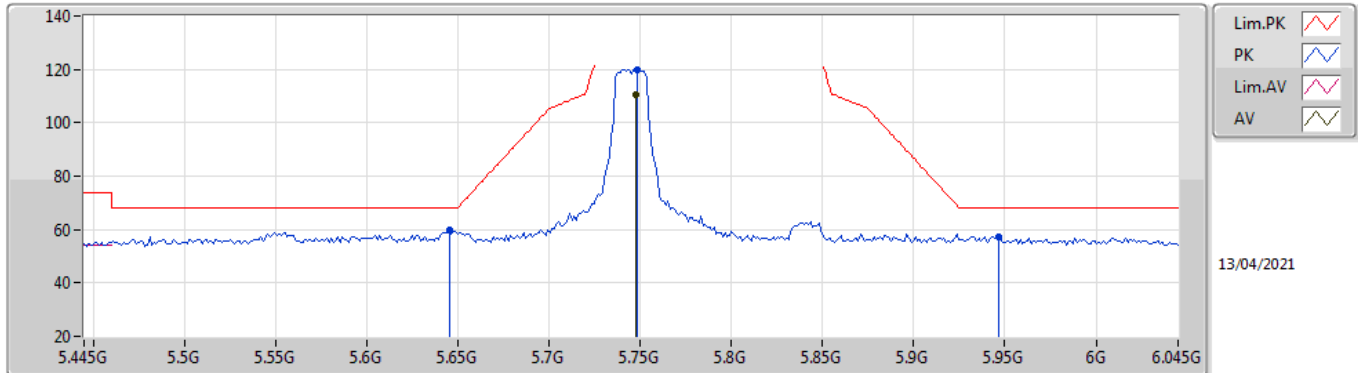
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7402G	111.60	Inf	-Inf	2.93	3	Vertical	196	1.87	-	108.67	32.06	5.80	34.93
PK	5.553G	59.32	68.20	-8.88	2.79	3	Vertical	196	1.87	-	56.53	31.89	5.78	34.88
PK	5.7402G	120.43	Inf	-Inf	2.93	3	Vertical	196	1.87	-	117.50	32.06	5.80	34.93
PK	5.9406G	58.24	68.20	-9.96	3.46	3	Vertical	196	1.87	-	54.78	32.58	5.87	34.99

802.11a_Nss1,(6Mbps)_2TX

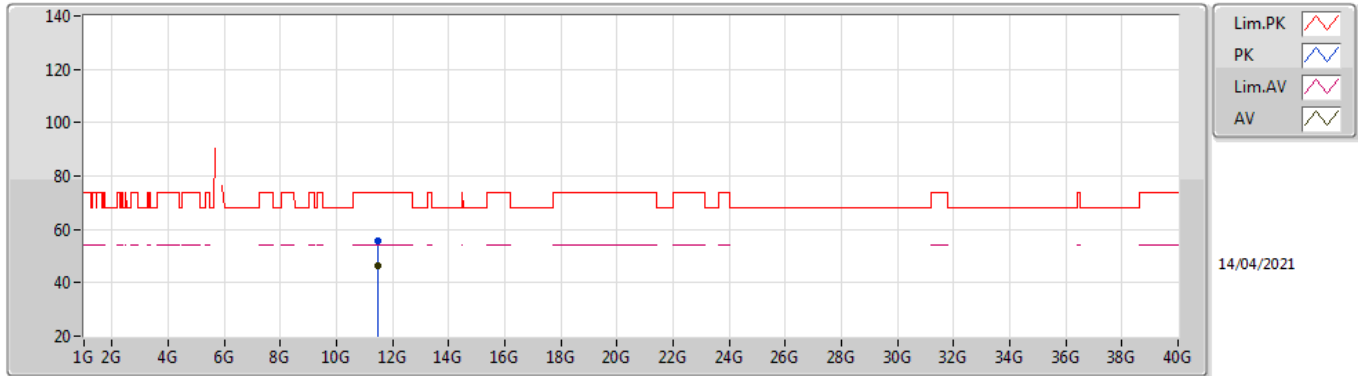
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7474G	110.70	Inf	-Inf	2.96	3	Horizontal	175	1.94	-	107.74	32.09	5.80	34.93
PK	5.6454G	59.96	68.20	-8.24	2.70	3	Horizontal	175	1.94	-	57.26	31.80	5.80	34.90
PK	5.7486G	120.05	Inf	-Inf	2.96	3	Horizontal	175	1.94	-	117.09	32.09	5.80	34.93
PK	5.9466G	57.48	68.20	-10.72	3.47	3	Horizontal	175	1.94	-	54.01	32.59	5.87	34.99

802.11a_Nss1,(6Mbps)_2TX

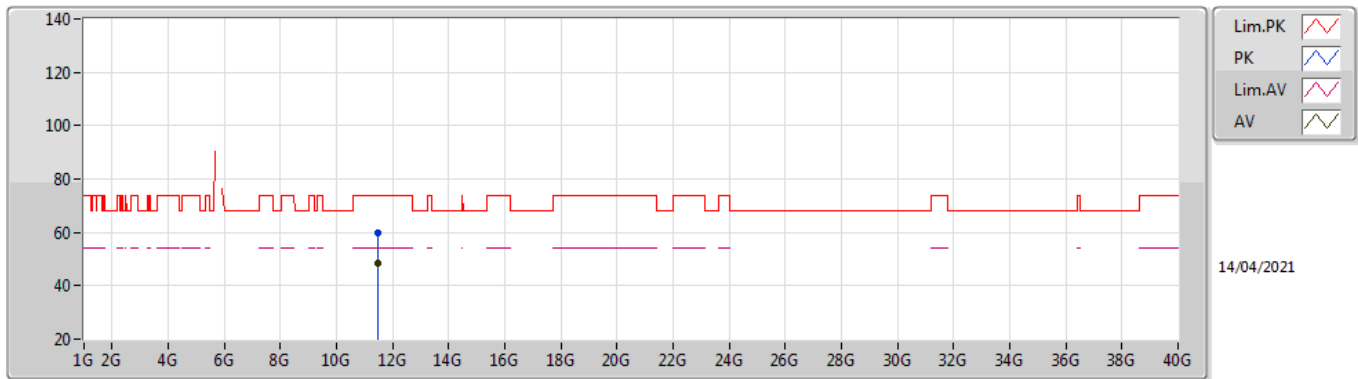
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.48988G	46.29	54.00	-7.71	13.66	3	Vertical	1	2.21	-	32.63	40.09	8.32	34.75
PK	11.49028G	55.88	74.00	-18.12	13.66	3	Vertical	1	2.21	-	42.22	40.09	8.32	34.75

802.11a_Nss1,(6Mbps)_2TX

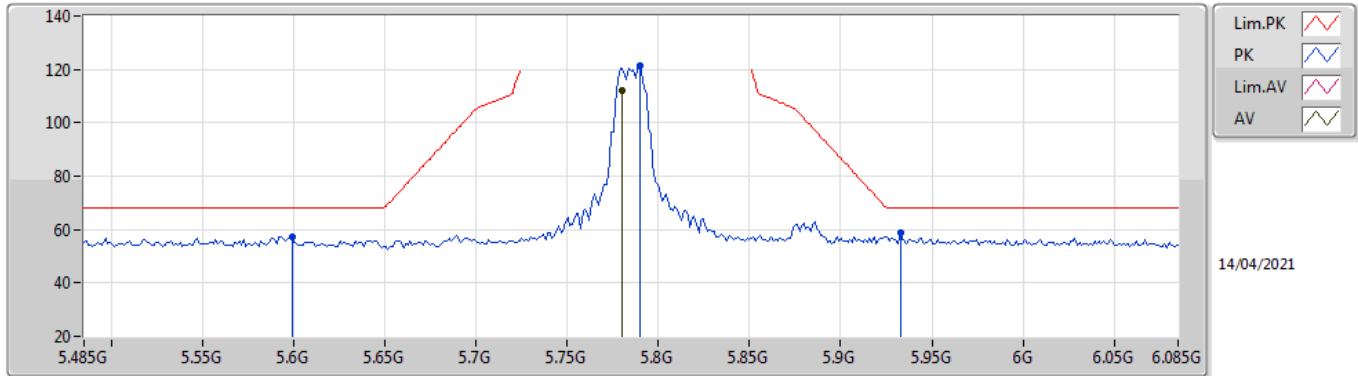
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.49G	48.21	54.00	-5.79	13.66	3	Horizontal	5	1.40	-	34.55	40.09	8.32	34.75
PK	11.4906G	59.88	74.00	-14.12	13.67	3	Horizontal	5	1.40	-	46.21	40.09	8.32	34.74

802.11a_Nss1,(6Mbps)_2TX

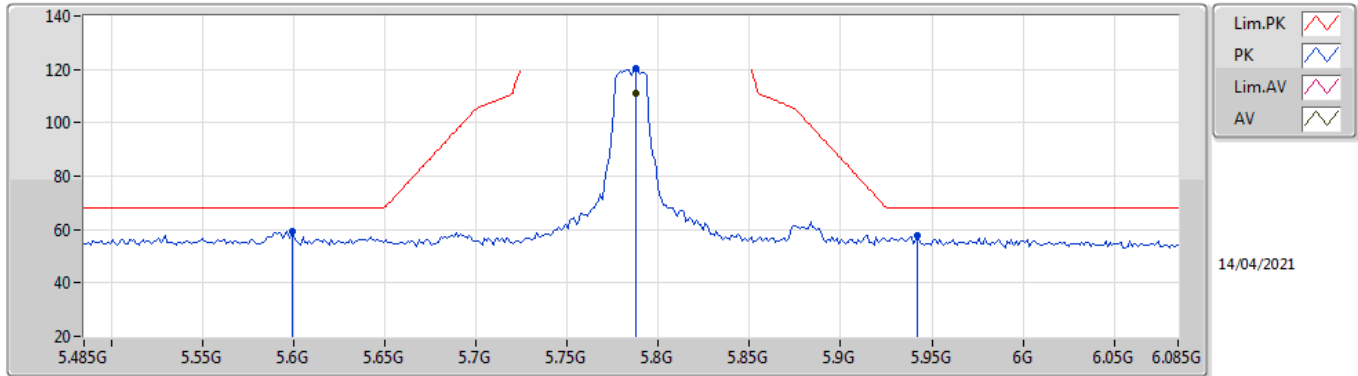
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7802G	112.24	Inf	-Inf	3.02	3	Vertical	195	1.73	-	109.22	32.16	5.80	34.94
PK	5.599G	57.39	68.20	-10.81	2.71	3	Vertical	195	1.73	-	54.68	31.80	5.80	34.89
PK	5.7898G	121.43	Inf	-Inf	3.03	3	Vertical	195	1.73	-	118.40	32.18	5.80	34.95
PK	5.9326G	58.54	68.20	-9.66	3.45	3	Vertical	195	1.73	-	55.09	32.57	5.87	34.99

802.11a_Nss1,(6Mbps)_2TX

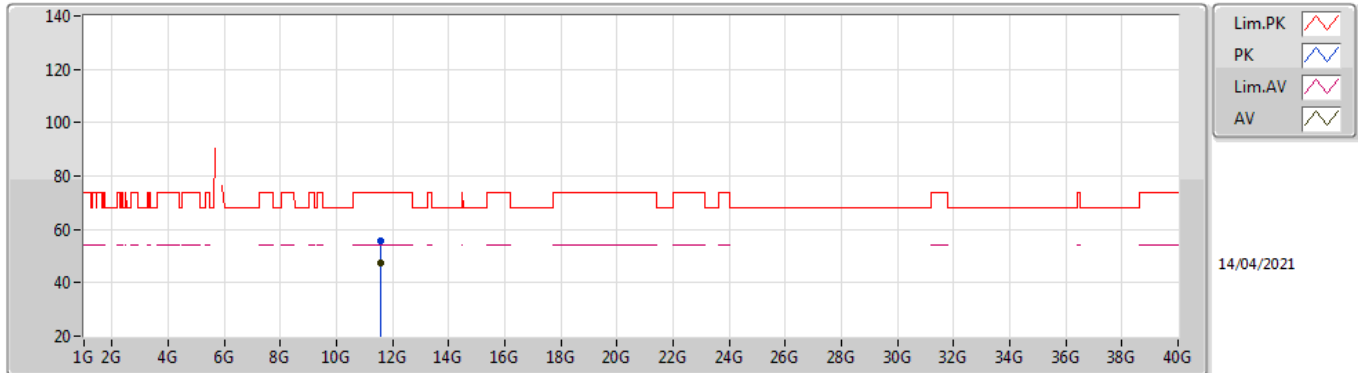
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7874G	110.83	Inf	-Inf	3.02	3	Horizontal	172	1.57	-	107.81	32.17	5.80	34.95
PK	5.599G	59.37	68.20	-8.83	2.71	3	Horizontal	172	1.57	-	56.66	31.80	5.80	34.89
PK	5.7874G	120.42	Inf	-Inf	3.02	3	Horizontal	172	1.57	-	117.40	32.17	5.80	34.95
PK	5.9422G	57.81	68.20	-10.39	3.46	3	Horizontal	172	1.57	-	54.35	32.58	5.87	34.99

802.11a_Nss1,(6Mbps)_2TX

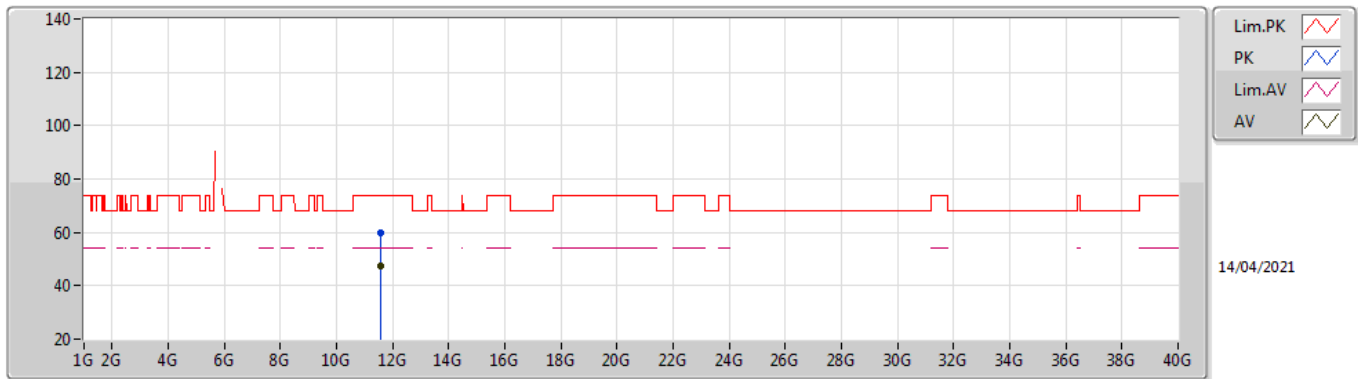
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.56986G	47.56	54.00	-6.44	13.48	3	Vertical	352	2.41	-	34.08	39.89	8.35	34.76
PK	11.56974G	55.66	74.00	-18.34	13.48	3	Vertical	352	2.41	-	42.18	39.89	8.35	34.76

802.11a_Nss1,(6Mbps)_2TX

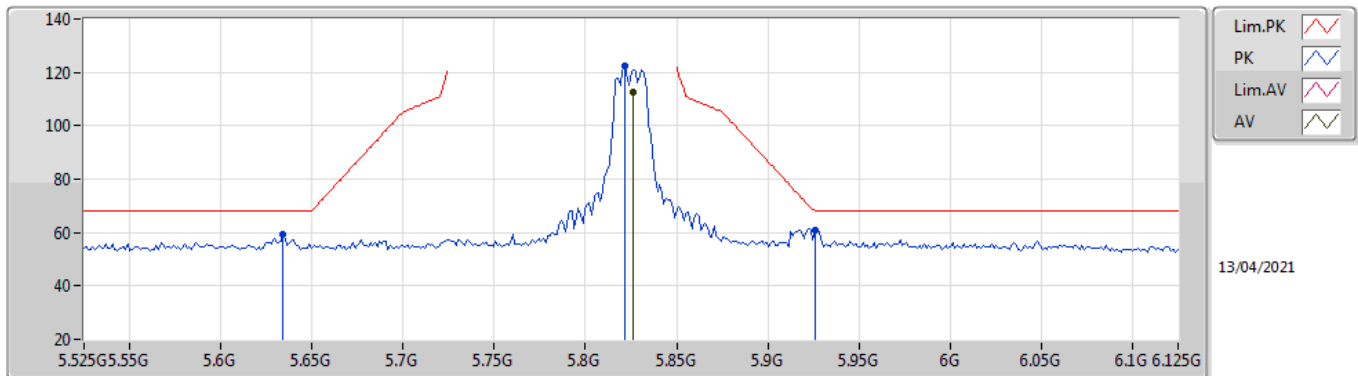
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.56984G	47.45	54.00	-6.55	13.48	3	Horizontal	1	1.50	-	33.97	39.89	8.35	34.76
PK	11.5701G	59.57	74.00	-14.43	13.48	3	Horizontal	1	1.50	-	46.09	39.89	8.35	34.76

802.11a_Nss1,(6Mbps)_2TX

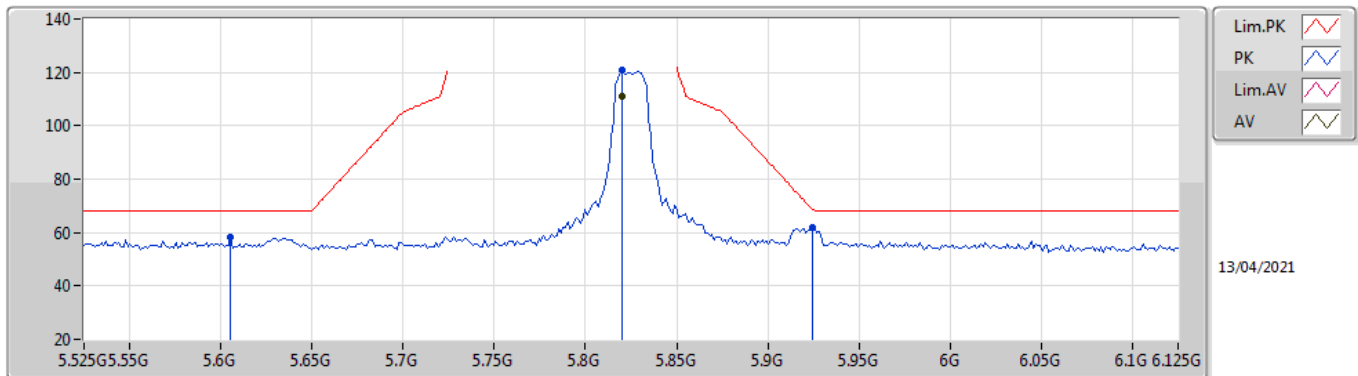
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8262G	112.51	Inf	-Inf	3.15	3	Vertical	173	2.03	-	109.36	32.30	5.81	34.96
PK	5.6342G	59.52	68.20	-8.68	2.70	3	Vertical	173	2.03	-	56.82	31.80	5.80	34.90
PK	5.8214G	122.17	Inf	-Inf	3.14	3	Vertical	173	2.03	-	119.03	32.29	5.81	34.96
PK	5.9258G	60.75	68.20	-7.45	3.42	3	Vertical	173	2.03	-	57.33	32.55	5.86	34.99

802.11a_Nss1,(6Mbps)_2TX

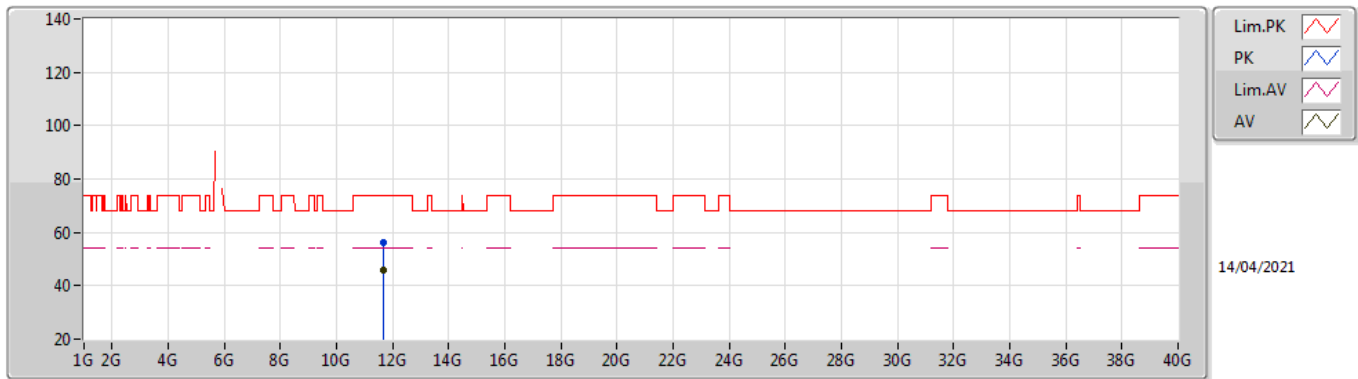
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8202G	111.06	Inf	-Inf	3.13	3	Horizontal	176	1.67	-	107.93	32.28	5.81	34.96
PK	5.6054G	58.07	68.20	-10.13	2.71	3	Horizontal	176	1.67	-	55.36	31.80	5.80	34.89
PK	5.8202G	120.88	Inf	-Inf	3.13	3	Horizontal	176	1.67	-	117.75	32.28	5.81	34.96
PK	5.9246G	61.75	68.50	-6.75	3.42	3	Horizontal	176	1.67	-	58.33	32.55	5.86	34.99

802.11a_Nss1,(6Mbps)_2TX

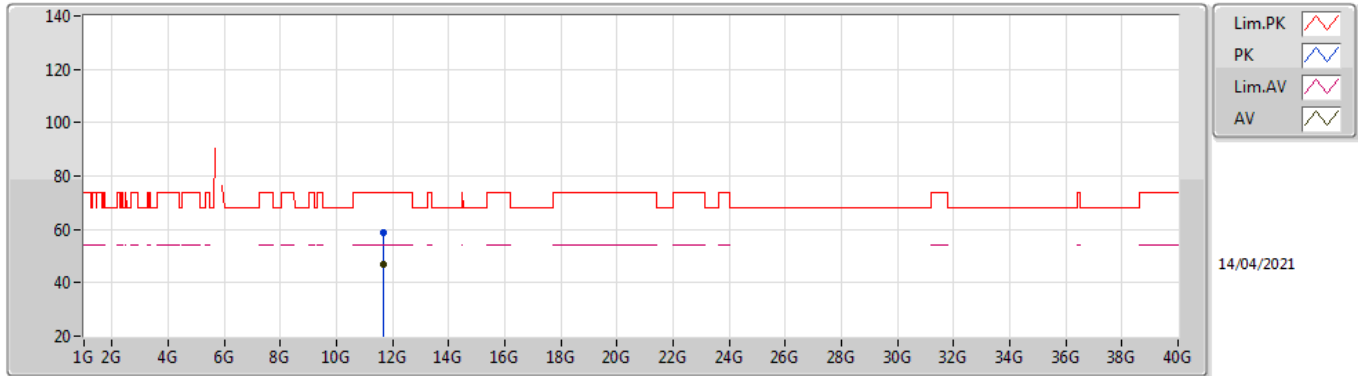
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.6499G	45.68	54.00	-8.32	13.15	3	Vertical	1	1.92	-	32.53	39.55	8.38	34.78
PK	11.65002G	56.43	74.00	-17.57	13.15	3	Vertical	1	1.92	-	43.28	39.55	8.38	34.78

802.11a_Nss1,(6Mbps)_2TX

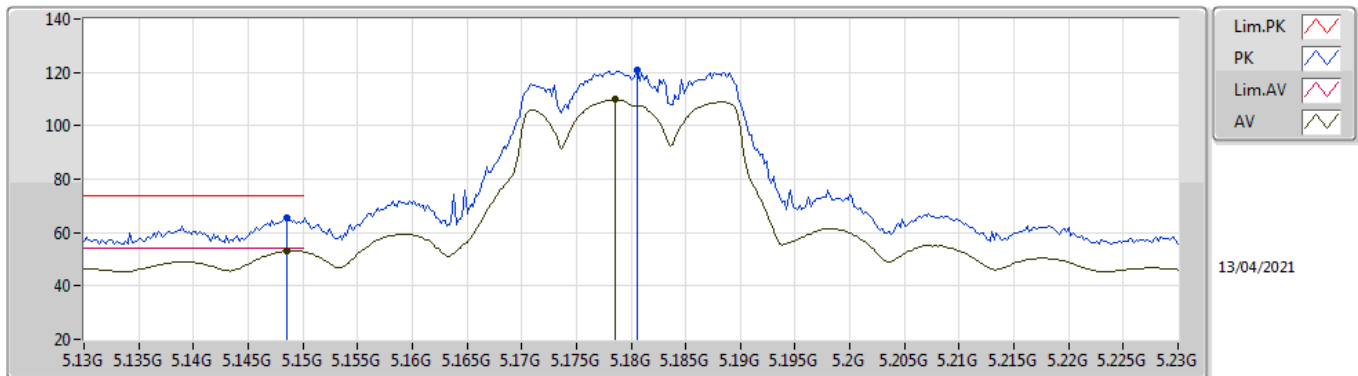
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.65006G	47.05	54.00	-6.95	13.15	3	Horizontal	323	1.50	-	33.90	39.55	8.38	34.78
PK	11.64878G	58.99	74.00	-15.01	13.16	3	Horizontal	323	1.50	-	45.83	39.56	8.38	34.78

802.11ax HEW20_Nss1,(MCS0)_2TX

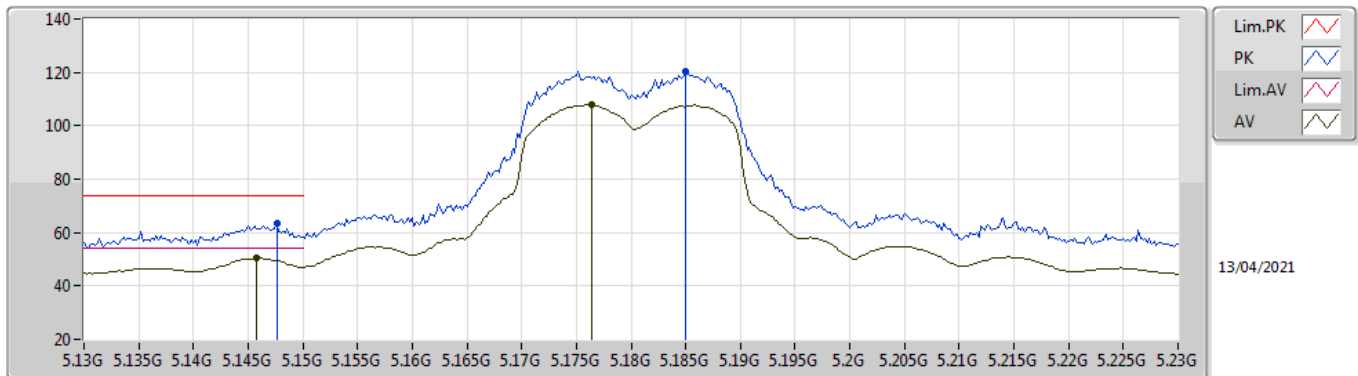
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1486G	53.16	54.00	-0.84	2.55	3	Vertical	211	1.84	-	50.61	32.00	5.47	34.92
AV	5.1786G	109.81	Inf	-Inf	2.41	3	Vertical	211	1.84	-	107.40	31.83	5.49	34.91
PK	5.1486G	65.33	74.00	-8.67	2.55	3	Vertical	211	1.84	-	62.78	32.00	5.47	34.92
PK	5.1806G	121.03	Inf	-Inf	2.40	3	Vertical	211	1.84	-	118.63	31.82	5.49	34.91

802.11ax HEW20_Nss1,(MCS0)_2TX

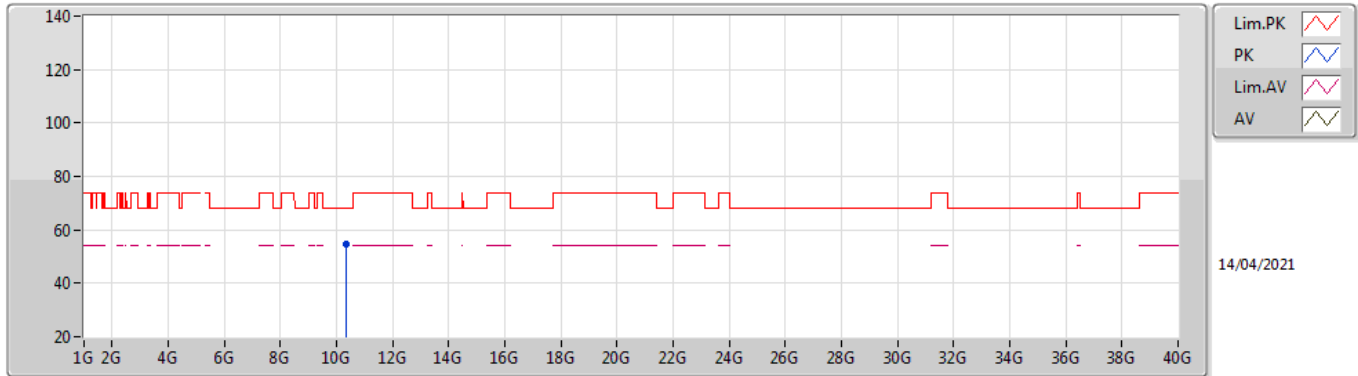
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1458G	50.39	54.00	-3.61	2.55	3	Horizontal	335	1.59	-	47.84	32.00	5.47	34.92
AV	5.1764G	107.81	Inf	-Inf	2.42	3	Horizontal	335	1.59	-	105.39	31.84	5.49	34.91
PK	5.1476G	63.20	74.00	-10.80	2.55	3	Horizontal	335	1.59	-	60.65	32.00	5.47	34.92
PK	5.185G	120.40	Inf	-Inf	2.37	3	Horizontal	335	1.59	-	118.03	31.79	5.49	34.91

802.11ax HEW20_Nss1,(MCS0)_2TX

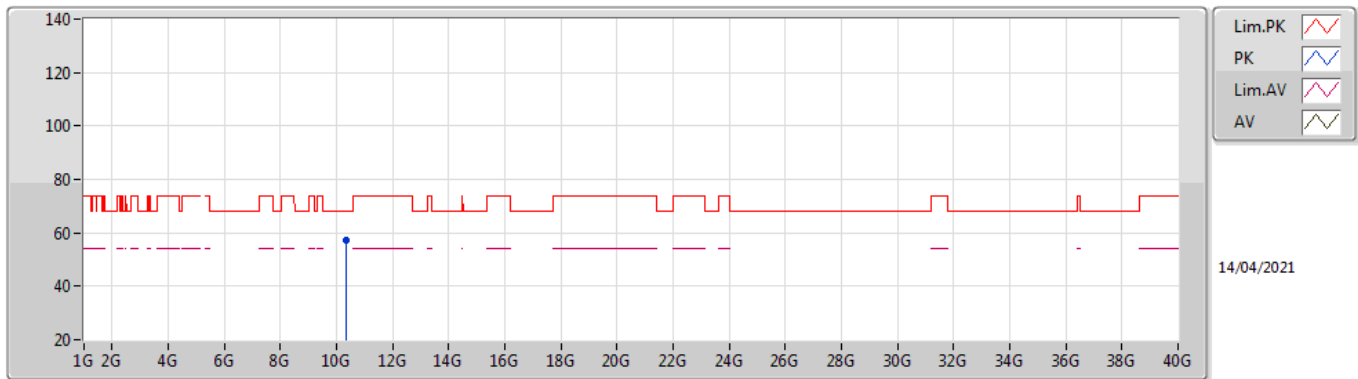
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.36023G	54.70	68.20	-13.50	12.17	3	Vertical	348	1.42	-	42.53	39.48	7.93	35.24

802.11ax HEW20_Nss1,(MCS0)_2TX

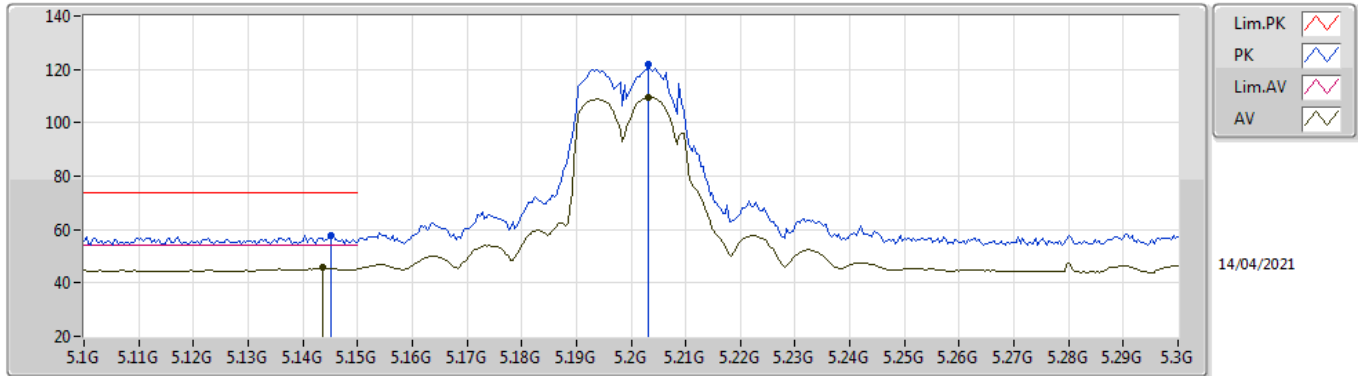
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (*)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.36035G	57.09	68.20	-11.11	12.17	3	Horizontal	352	1.04	-	44.92	39.48	7.93	35.24

802.11ax HEW20_Nss1,(MCS0)_2TX

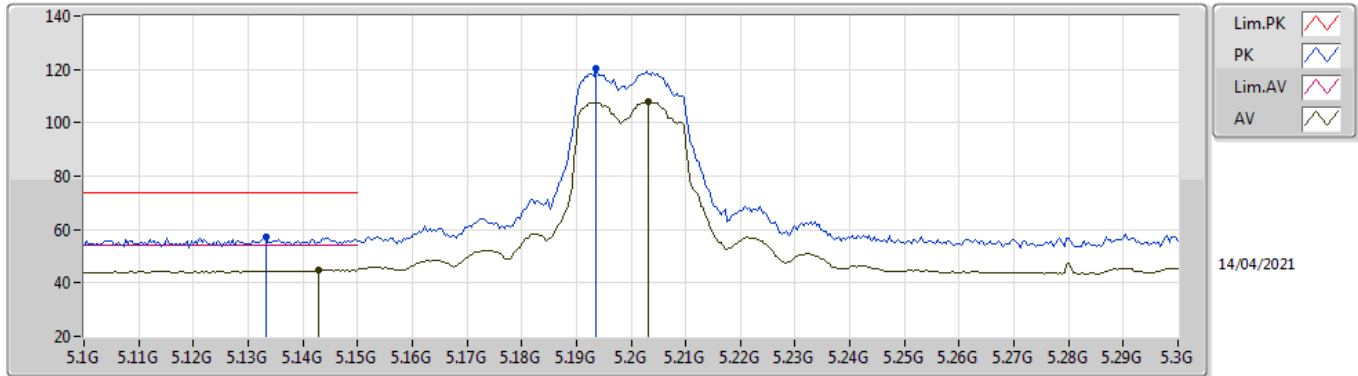
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1436G	45.62	54.00	-8.38	2.55	3	Vertical	212	1.64	-	43.07	32.00	5.47	34.92
AV	5.2032G	109.47	Inf	-Inf	2.27	3	Vertical	212	1.64	-	107.20	31.68	5.50	34.91
PK	5.1452G	57.63	74.00	-16.37	2.55	3	Vertical	212	1.64	-	55.08	32.00	5.47	34.92
PK	5.2032G	121.74	Inf	-Inf	2.27	3	Vertical	212	1.64	-	119.47	31.68	5.50	34.91

802.11ax HEW20_Nss1,(MCS0)_2TX

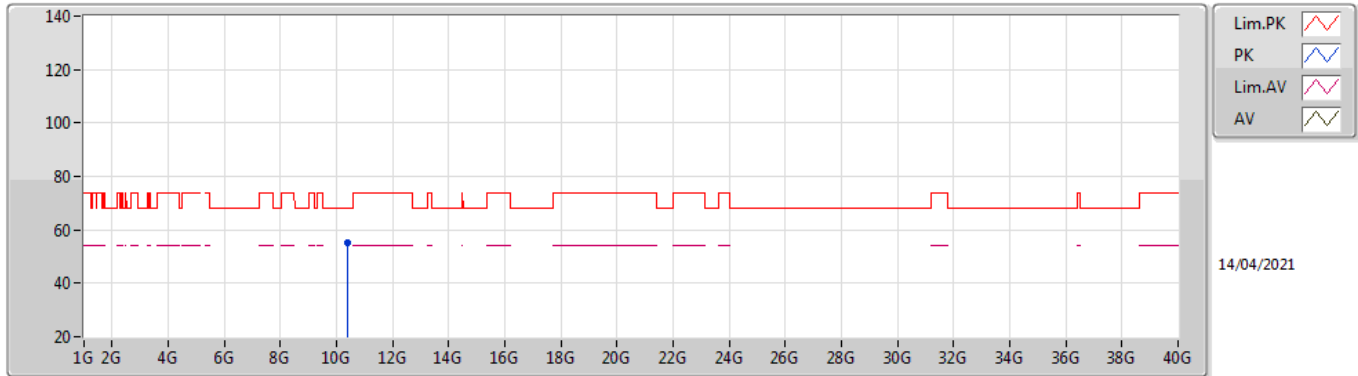
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1428G	44.96	54.00	-9.04	2.55	3	Horizontal	63	1.65	-	42.41	32.00	5.47	34.92
AV	5.2032G	108.07	Inf	-Inf	2.27	3	Horizontal	63	1.65	-	105.80	31.68	5.50	34.91
PK	5.1332G	57.05	74.00	-16.95	2.55	3	Horizontal	63	1.65	-	54.50	32.00	5.47	34.92
PK	5.1936G	120.45	Inf	-Inf	2.33	3	Horizontal	63	1.65	-	118.12	31.74	5.50	34.91

802.11ax HEW20_Nss1,(MCS0)_2TX

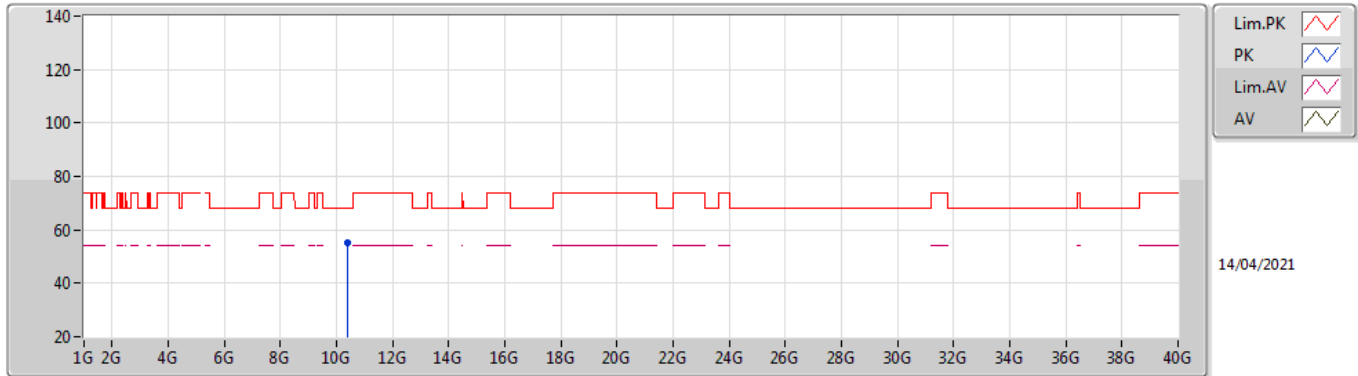
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.40009G	55.21	68.20	-12.99	12.35	3	Vertical	348	1.44	-	42.86	39.60	7.94	35.19

802.11ax HEW20_Nss1,(MCS0)_2TX

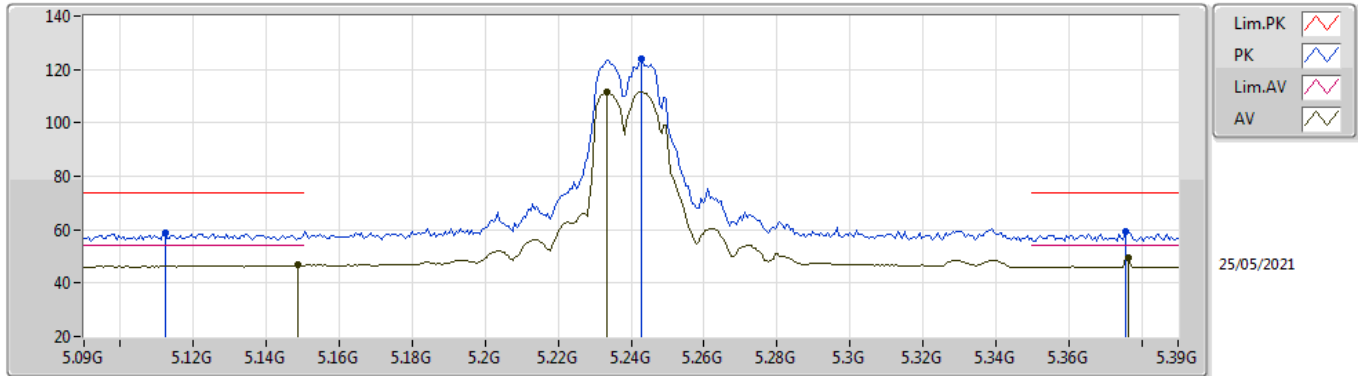
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.4G	55.12	68.20	-13.08	12.35	3	Horizontal	354	1.08	-	42.77	39.60	7.94	35.19

802.11ax HEW20_Nss1,(MCS0)_2TX

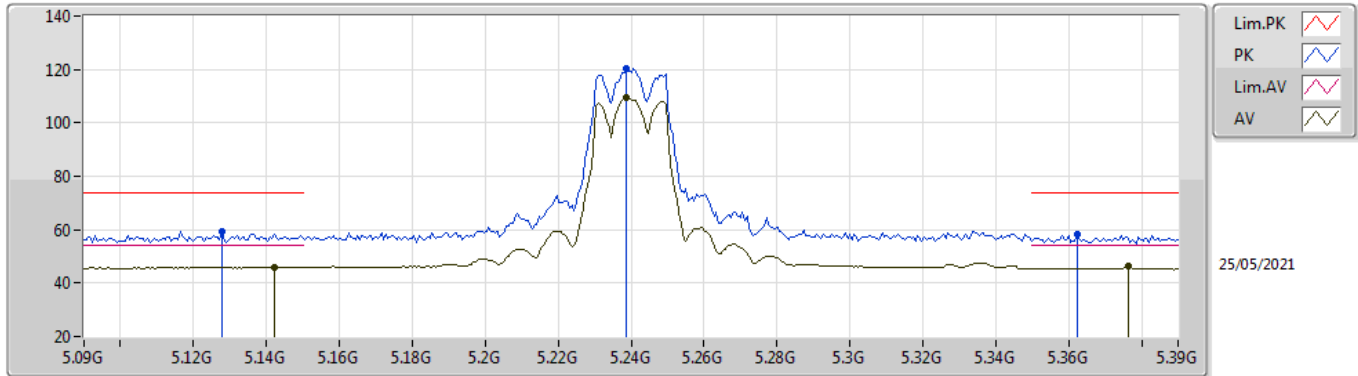
5240MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1488G	46.66	54.00	-7.34	5.15	3	Vertical	210	1.91	-	41.51	34.60	5.47	34.92
AV	5.2334G	111.45	Inf	-Inf	5.26	3	Vertical	210	1.91	-	106.19	34.63	5.53	34.90
AV	5.3762G	49.71	54.00	-4.29	5.40	3	Vertical	210	1.91	-	44.31	34.60	5.68	34.88
PK	5.1122G	58.70	74.00	-15.30	4.99	3	Vertical	210	1.91	-	53.71	34.45	5.46	34.92
PK	5.243G	123.95	Inf	-Inf	5.25	3	Vertical	210	1.91	-	118.70	34.61	5.54	34.90
PK	5.3756G	59.23	74.00	-14.77	5.40	3	Vertical	210	1.91	-	53.83	34.60	5.68	34.88

802.11ax HEW20_Nss1,(MCS0)_2TX

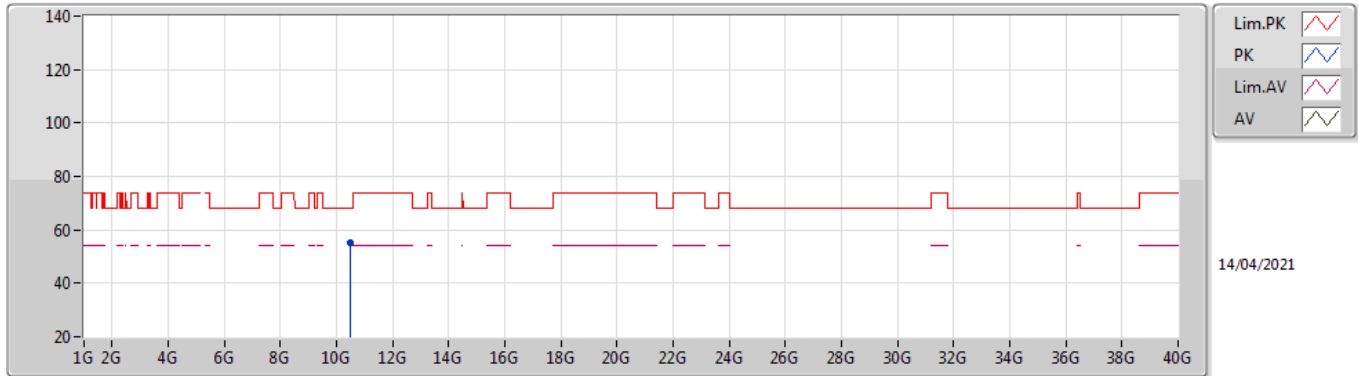
5240MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1422G	45.95	54.00	-8.05	5.12	3	Horizontal	31	1.68	-	40.83	34.57	5.47	34.92
AV	5.2388G	109.52	Inf	-Inf	5.26	3	Horizontal	31	1.68	-	104.26	34.62	5.54	34.90
AV	5.3762G	46.45	54.00	-7.55	5.40	3	Horizontal	31	1.68	-	41.05	34.60	5.68	34.88
PK	5.1278G	59.20	74.00	-14.80	5.05	3	Horizontal	31	1.68	-	54.15	34.51	5.46	34.92
PK	5.2388G	120.57	Inf	-Inf	5.26	3	Horizontal	31	1.68	-	115.31	34.62	5.54	34.90
PK	5.3624G	58.24	74.00	-15.76	5.38	3	Horizontal	31	1.68	-	52.86	34.60	5.66	34.88

802.11ax HEW20_Nss1,(MCS0)_2TX

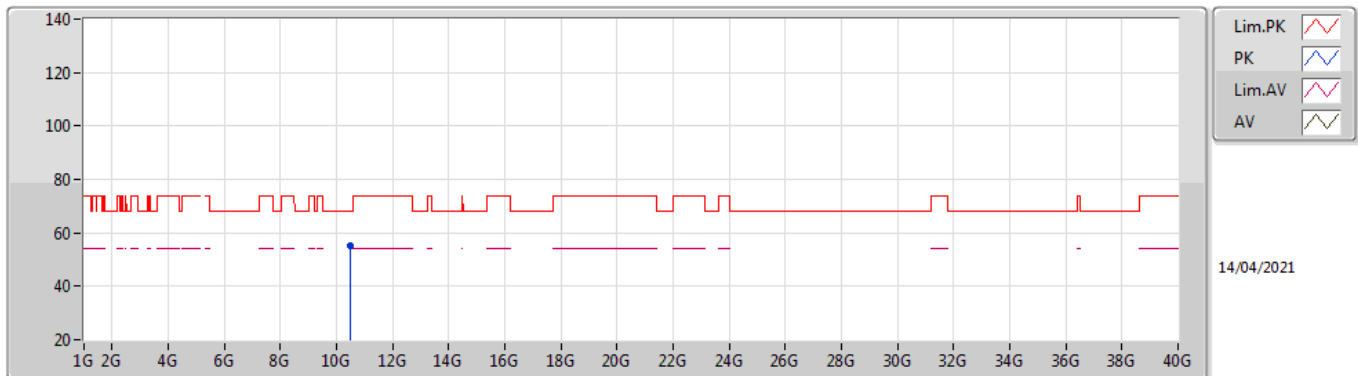
5240MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.48G	55.27	68.20	-12.93	12.72	3	Vertical	353	1.50	-	42.55	39.84	7.97	35.09

802.11ax HEW20_Nss1,(MCS0)_2TX

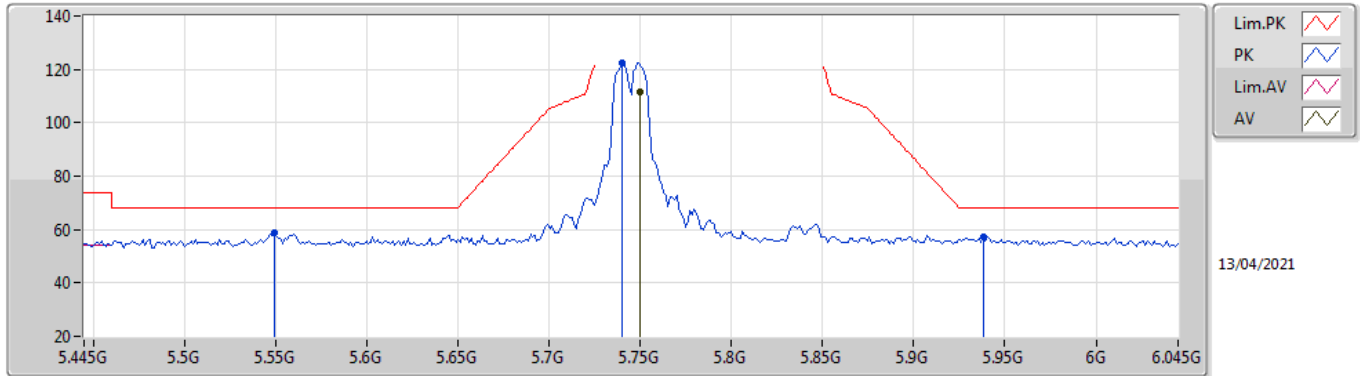
5240MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.479866G	55.21	68.20	-12.99	12.72	3	Horizontal	63	1.62	-	42.49	39.84	7.97	35.09

802.11ax HEW20_Nss1,(MCS0)_2TX

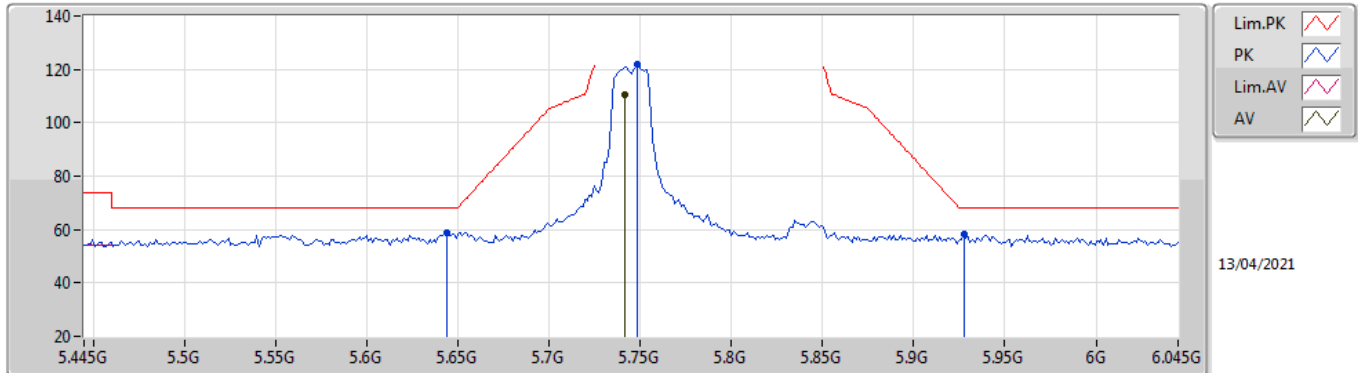
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7498G	111.38	Inf	-Inf	2.97	3	Vertical	196	1.74	-	108.41	32.10	5.80	34.93
PK	5.5494G	58.56	68.20	-9.64	2.80	3	Vertical	196	1.74	-	55.76	31.90	5.77	34.87
PK	5.7402G	122.64	Inf	-Inf	2.93	3	Vertical	196	1.74	-	119.71	32.06	5.80	34.93
PK	5.9382G	57.08	68.20	-11.12	3.46	3	Vertical	196	1.74	-	53.62	32.58	5.87	34.99

802.11ax HEW20_Nss1,(MCS0)_2TX

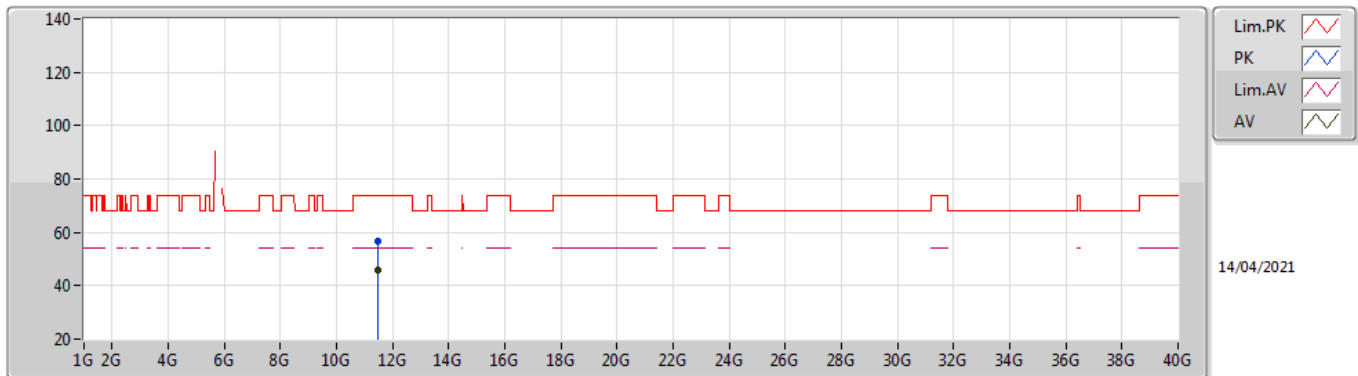
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7414G	110.55	Inf	-Inf	2.94	3	Horizontal	175	2.07	-	107.61	32.07	5.80	34.93
PK	5.6442G	58.67	68.20	-9.53	2.70	3	Horizontal	175	2.07	-	55.97	31.80	5.80	34.90
PK	5.7486G	121.76	Inf	-Inf	2.96	3	Horizontal	175	2.07	-	118.80	32.09	5.80	34.93
PK	5.9274G	58.08	68.20	-10.12	3.42	3	Horizontal	175	2.07	-	54.66	32.55	5.86	34.99

802.11ax HEW20_Nss1,(MCS0)_2TX

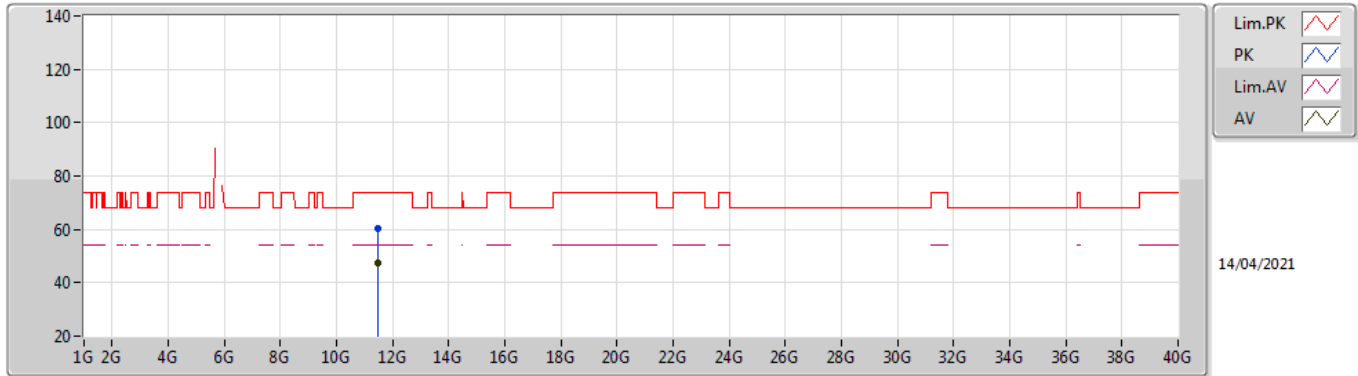
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.48996G	45.62	54.00	-8.38	13.66	3	Vertical	356	2.24	-	31.96	40.09	8.32	34.75
PK	11.48958G	56.67	74.00	-17.33	13.66	3	Vertical	356	2.24	-	43.01	40.09	8.32	34.75

802.11ax HEW20_Nss1,(MCS0)_2TX

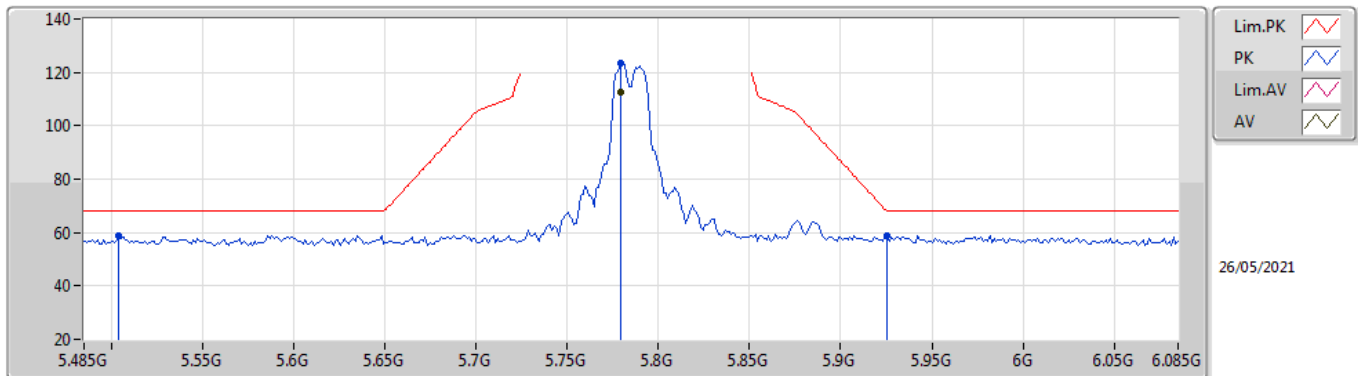
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.49002G	47.51	54.00	-6.49	13.66	3	Horizontal	3	1.42	-	33.85	40.09	8.32	34.75
PK	11.48983G	60.60	74.00	-13.40	13.66	3	Horizontal	3	1.42	-	46.94	40.09	8.32	34.75

802.11ax HEW20_Nss1,(MCS0)_2TX

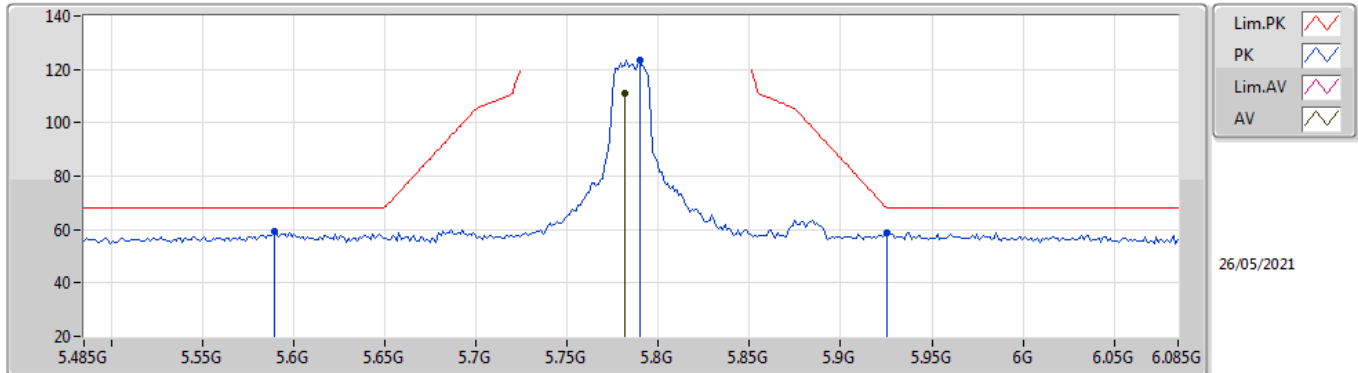
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.779G	112.44	Inf	-Inf	4.92	3	Vertical	195	1.83	-	107.52	34.06	5.80	34.94
PK	5.5042G	58.93	68.20	-9.27	5.10	3	Vertical	195	1.83	-	53.83	34.21	5.75	34.86
PK	5.779G	123.43	Inf	-Inf	4.92	3	Vertical	195	1.83	-	118.51	34.06	5.80	34.94
PK	5.9254G	58.86	68.20	-9.34	5.27	3	Vertical	195	1.83	-	53.59	34.40	5.86	34.99

802.11ax HEW20_Nss1,(MCS0)_2TX

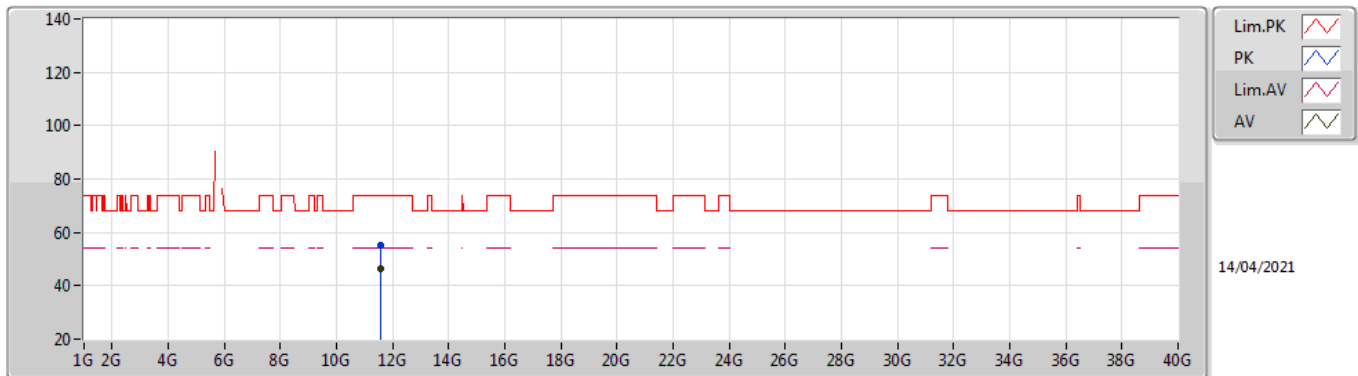
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7814G	111.07	Inf	-Inf	4.92	3	Horizontal	173	2.09	-	106.15	34.06	5.80	34.94
PK	5.5894G	59.35	68.20	-8.85	5.04	3	Horizontal	173	2.09	-	54.31	34.14	5.79	34.89
PK	5.7898G	123.42	Inf	-Inf	4.93	3	Horizontal	173	2.09	-	118.49	34.08	5.80	34.95
PK	5.9254G	58.90	68.20	-9.30	5.27	3	Horizontal	173	2.09	-	53.63	34.40	5.86	34.99

802.11ax HEW20_Nss1,(MCS0)_2TX

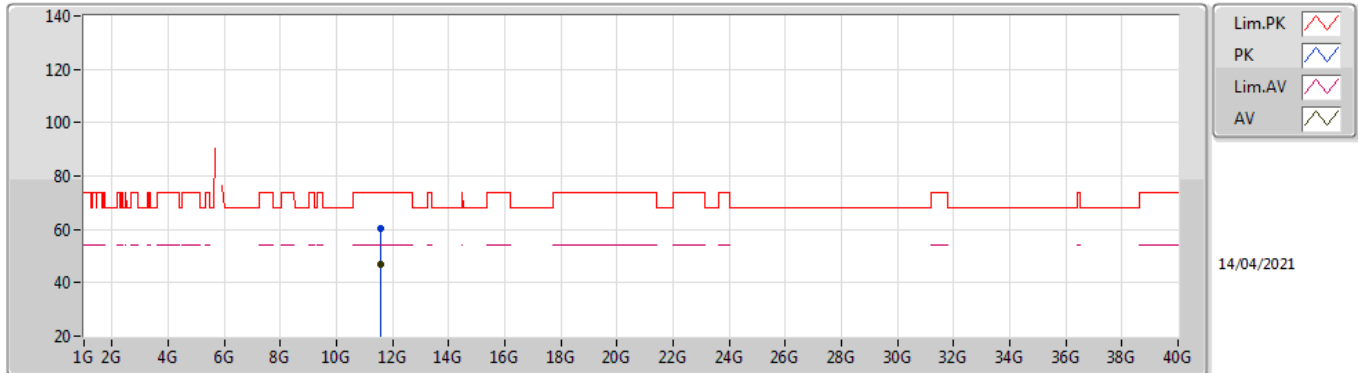
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.56992G	46.40	54.00	-7.60	13.48	3	Vertical	347	2.29	-	32.92	39.89	8.35	34.76
PK	11.56988G	55.34	74.00	-18.66	13.48	3	Vertical	347	2.29	-	41.86	39.89	8.35	34.76

802.11ax HEW20_Nss1,(MCS0)_2TX

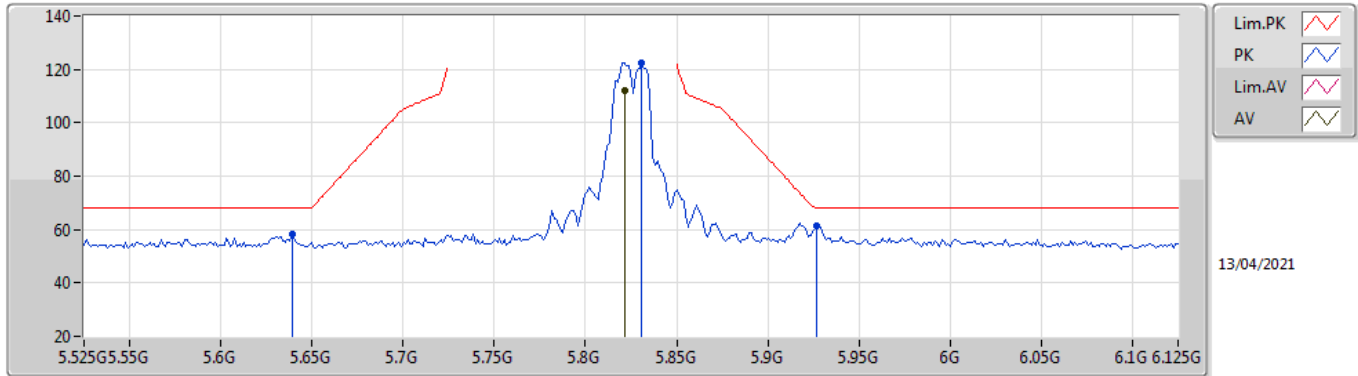
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.56976G	46.95	54.00	-7.05	13.48	3	Horizontal	360	1.50	-	33.47	39.89	8.35	34.76
PK	11.56996G	60.31	74.00	-13.69	13.48	3	Horizontal	360	1.50	-	46.83	39.89	8.35	34.76

802.11ax HEW20_Nss1,(MCS0)_2TX

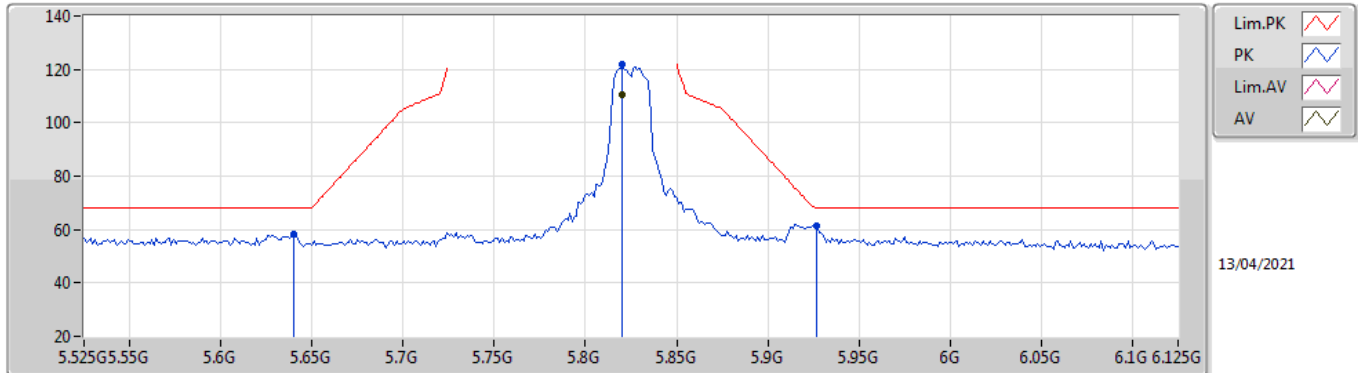
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8214G	111.95	Inf	-Inf	3.14	3	Vertical	176	1.96	-	108.81	32.29	5.81	34.96
PK	5.639G	58.21	68.20	-9.99	2.70	3	Vertical	176	1.96	-	55.51	31.80	5.80	34.90
PK	5.831G	122.35	Inf	-Inf	3.18	3	Vertical	176	1.96	-	119.17	32.32	5.82	34.96
PK	5.927G	61.29	68.20	-6.91	3.42	3	Vertical	176	1.96	-	57.87	32.55	5.86	34.99

802.11ax HEW20_Nss1,(MCS0)_2TX

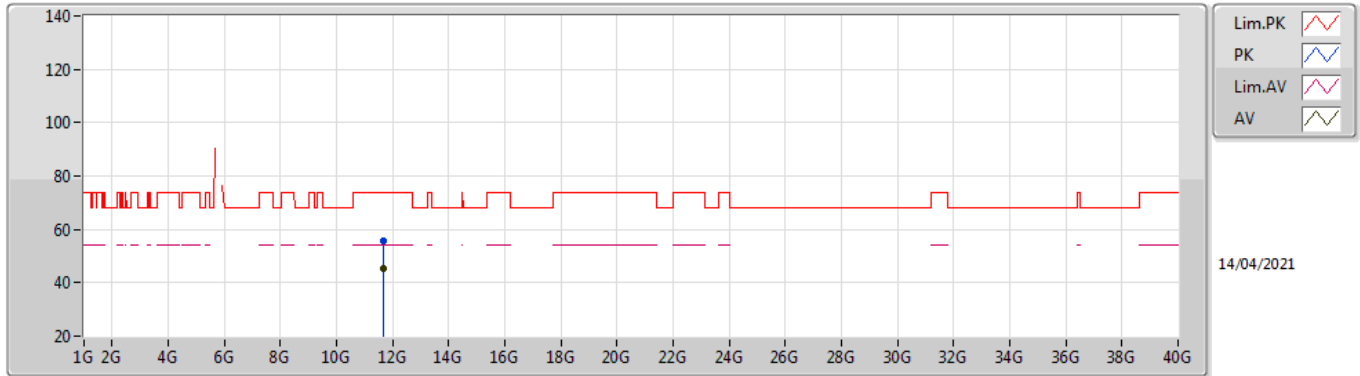
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8202G	110.33	Inf	-Inf	3.13	3	Horizontal	178	1.67	-	107.20	32.28	5.81	34.96
PK	5.6402G	58.18	68.20	-10.02	2.70	3	Horizontal	178	1.67	-	55.48	31.80	5.80	34.90
PK	5.8202G	122.08	Inf	-Inf	3.13	3	Horizontal	178	1.67	-	118.95	32.28	5.81	34.96
PK	5.927G	61.57	68.20	-6.63	3.42	3	Horizontal	178	1.67	-	58.15	32.55	5.86	34.99

802.11ax HEW20_Nss1,(MCS0)_2TX

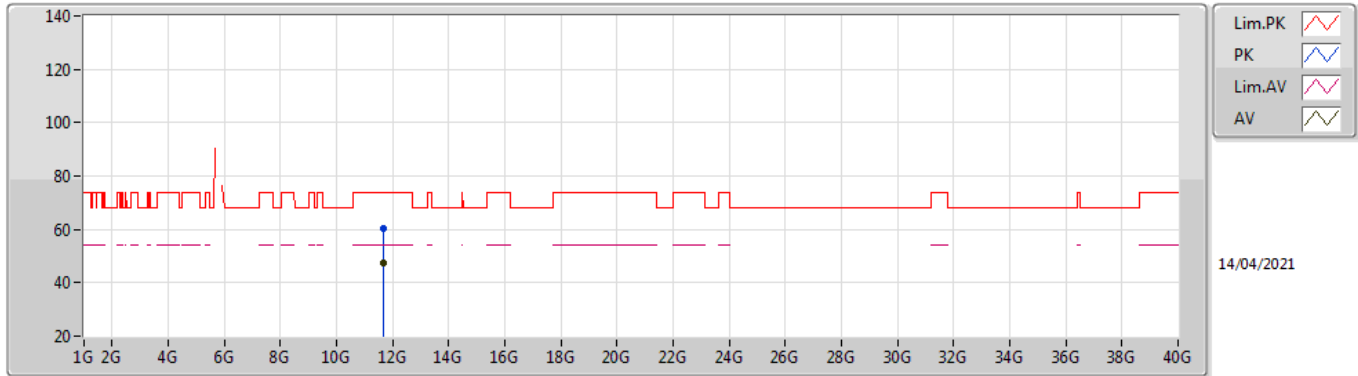
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.64997G	45.41	54.00	-8.59	13.15	3	Vertical	360	1.91	-	32.26	39.55	8.38	34.78
PK	11.64998G	55.79	74.00	-18.21	13.15	3	Vertical	360	1.91	-	42.64	39.55	8.38	34.78

802.11ax HEW20_Nss1,(MCS0)_2TX

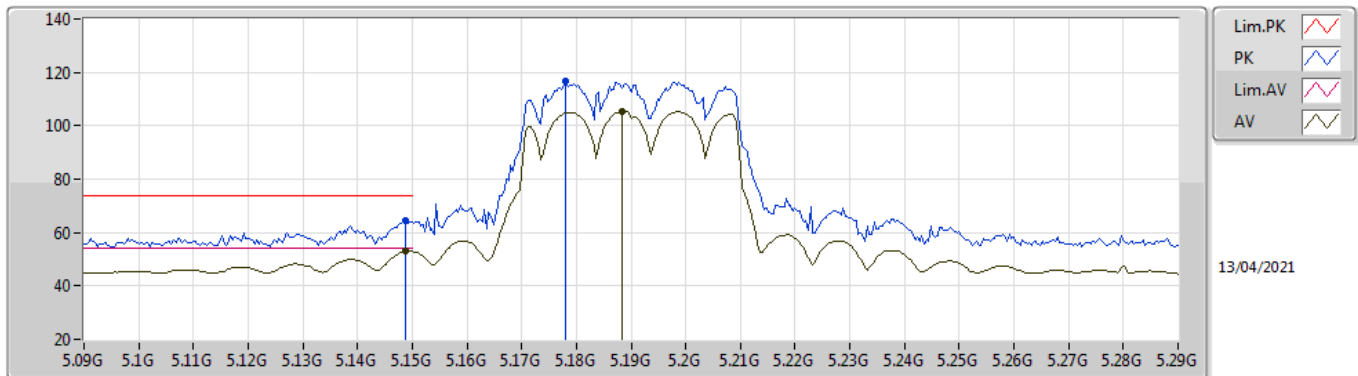
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.64992G	47.51	54.00	-6.49	13.15	3	Horizontal	5	1.15	-	34.36	39.55	8.38	34.78
PK	11.6498G	60.36	74.00	-13.64	13.15	3	Horizontal	5	1.15	-	47.21	39.55	8.38	34.78

802.11ax HEW40_Nss1,(MCS0)_2TX

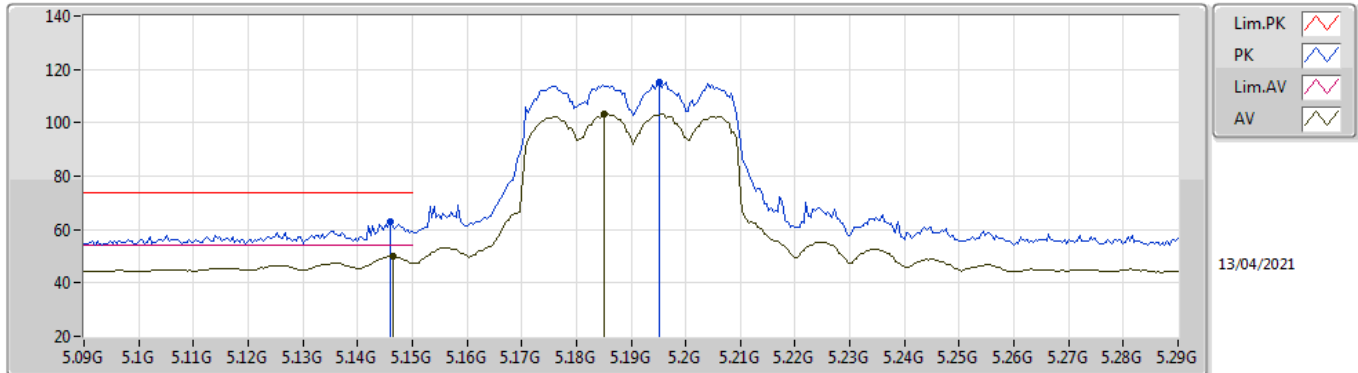
5190MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1488G	53.06	54.00	-0.94	2.55	3	Vertical	211	1.87	-	50.51	32.00	5.47	34.92
AV	5.1884G	105.42	Inf	-Inf	2.35	3	Vertical	211	1.87	-	103.07	31.77	5.49	34.91
PK	5.1488G	64.51	74.00	-9.49	2.55	3	Vertical	211	1.87	-	61.96	32.00	5.47	34.92
PK	5.178G	116.81	Inf	-Inf	2.41	3	Vertical	211	1.87	-	114.40	31.83	5.49	34.91

802.11ax HEW40_Nss1,(MCS0)_2TX

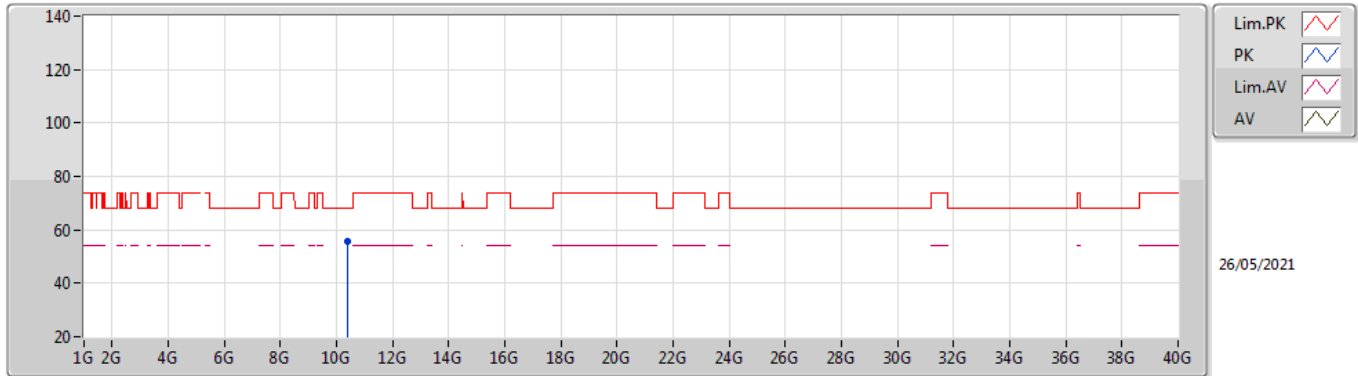
5190MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1464G	50.07	54.00	-3.93	2.55	3	Horizontal	334	1.50	-	47.52	32.00	5.47	34.92
AV	5.1852G	103.25	Inf	-Inf	2.37	3	Horizontal	334	1.50	-	100.88	31.79	5.49	34.91
PK	5.146G	63.09	74.00	-10.91	2.55	3	Horizontal	334	1.50	-	60.54	32.00	5.47	34.92
PK	5.1952G	115.34	Inf	-Inf	2.32	3	Horizontal	334	1.50	-	113.02	31.73	5.50	34.91

802.11ax HEW40_Nss1,(MCS0)_2TX

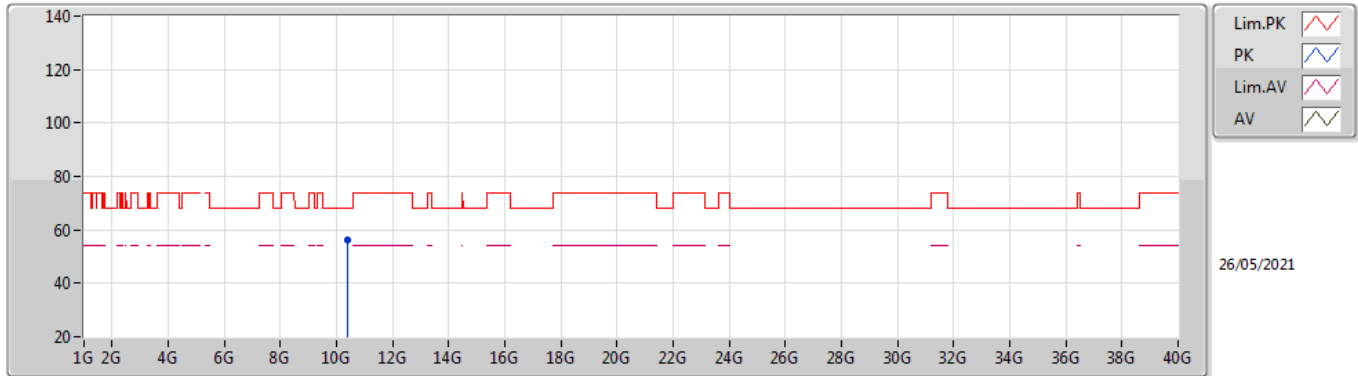
5190MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.38014G	55.48	68.20	-12.72	11.90	3	Vertical	1	1.50	-	43.58	39.18	7.93	35.21

802.11ax HEW40_Nss1,(MCS0)_2TX

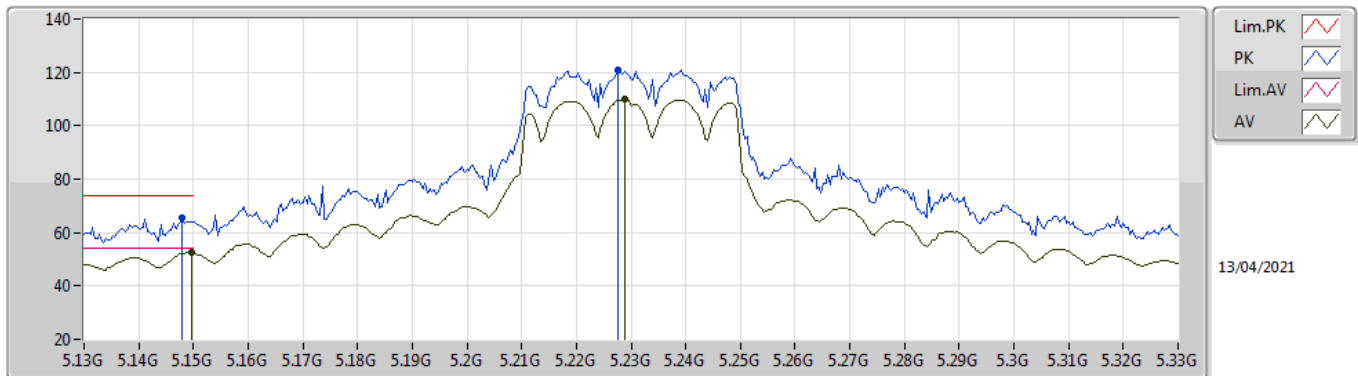
5190MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.38007G	56.20	68.20	-12.00	11.90	3	Horizontal	355	1.65	-	44.30	39.18	7.93	35.21

802.11ax HEW40_Nss1,(MCS0)_2TX

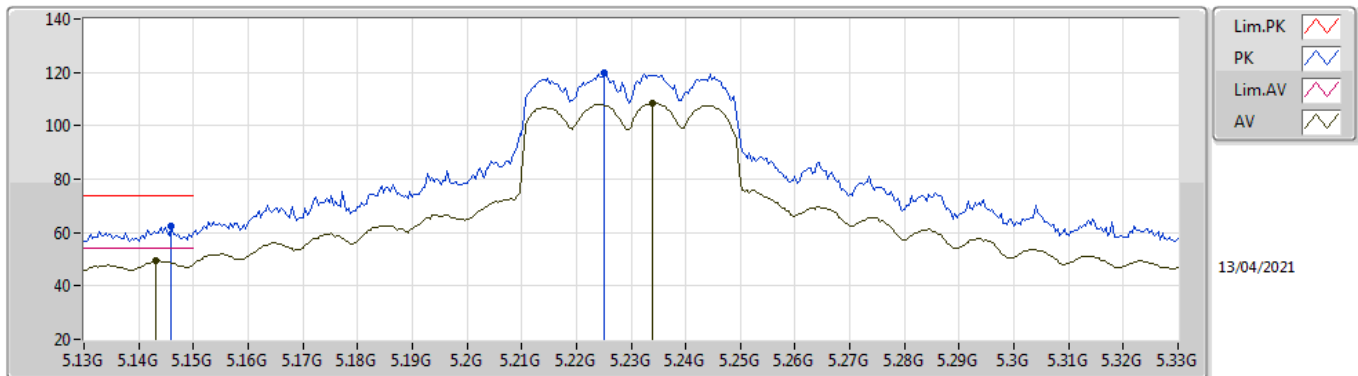
5230MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1496G	52.38	54.00	-1.62	2.55	3	Vertical	210	1.79	-	49.83	32.00	5.47	34.92
AV	5.2288G	109.91	Inf	-Inf	2.16	3	Vertical	210	1.79	-	107.75	31.53	5.53	34.90
PK	5.148G	65.29	74.00	-8.71	2.55	3	Vertical	210	1.79	-	62.74	32.00	5.47	34.92
PK	5.2276G	120.81	Inf	-Inf	2.16	3	Vertical	210	1.79	-	118.65	31.53	5.53	34.90

802.11ax HEW40_Nss1,(MCS0)_2TX

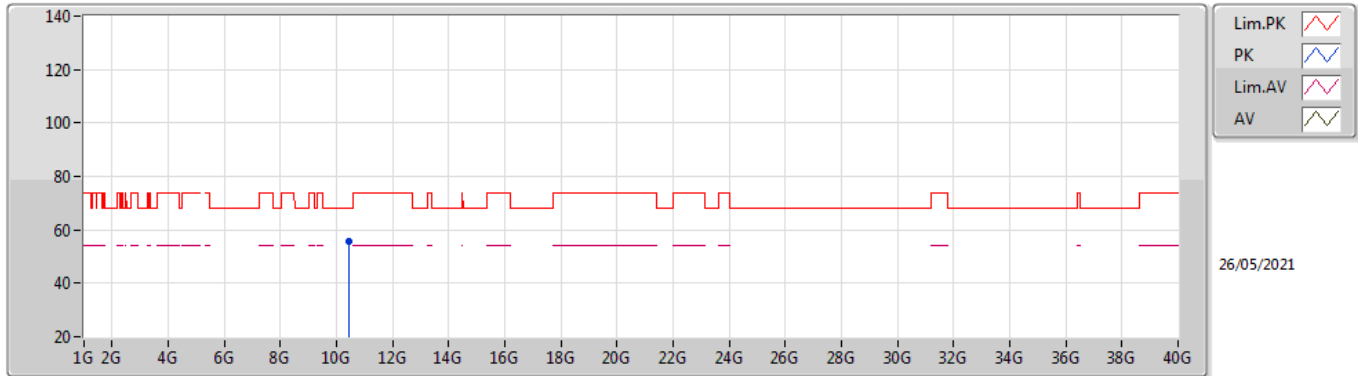
5230MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1432G	49.32	54.00	-4.68	2.55	3	Horizontal	30	1.55	-	46.77	32.00	5.47	34.92
AV	5.234G	108.56	Inf	-Inf	2.13	3	Horizontal	30	1.55	-	106.43	31.50	5.53	34.90
PK	5.146G	62.22	74.00	-11.78	2.55	3	Horizontal	30	1.55	-	59.67	32.00	5.47	34.92
PK	5.2252G	119.77	Inf	-Inf	2.18	3	Horizontal	30	1.55	-	117.59	31.55	5.53	34.90

802.11ax HEW40_Nss1,(MCS0)_2TX

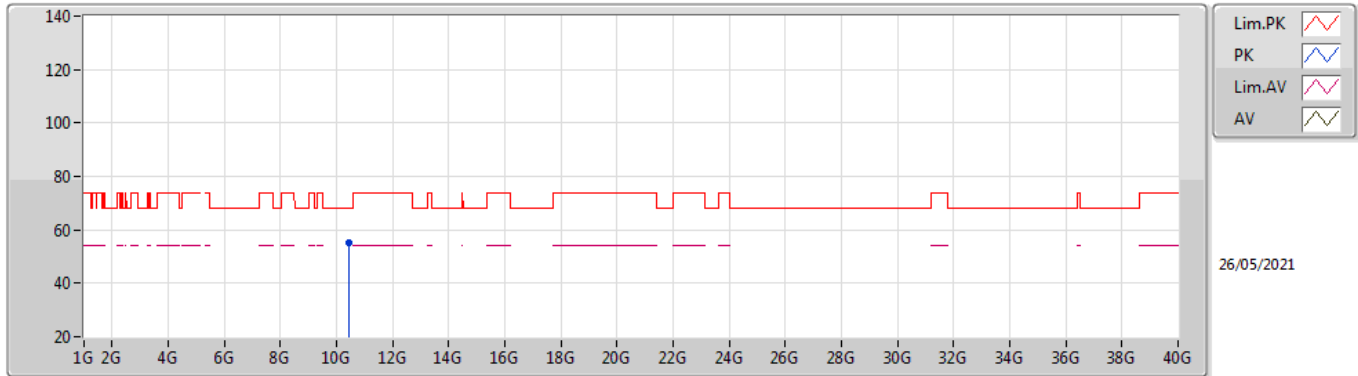
5230MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.45992G	55.73	68.20	-12.47	12.16	3	Vertical	359	1.50	-	43.57	39.32	7.96	35.12

802.11ax HEW40_Nss1,(MCS0)_2TX

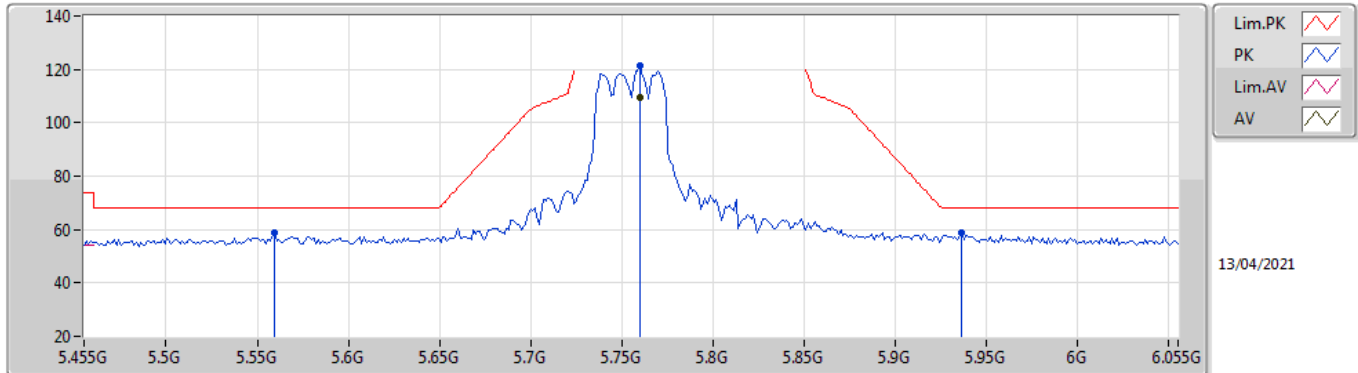
5230MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.45999G	55.40	68.20	-12.80	12.16	3	Horizontal	2	1.64	-	43.24	39.32	7.96	35.12

802.11ax HEW40_Nss1,(MCS0)_2TX

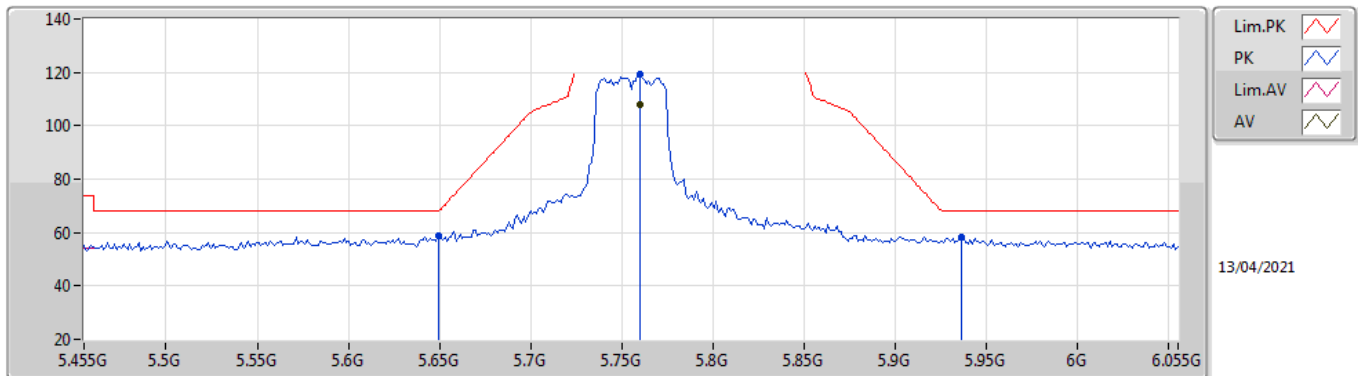
5755MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7598G	109.42	Inf	-Inf	2.98	3	Vertical	194	1.82	-	106.44	32.12	5.80	34.94
PK	5.5594G	58.55	68.20	-9.65	2.78	3	Vertical	194	1.82	-	55.77	31.88	5.78	34.88
PK	5.7598G	121.33	Inf	-Inf	2.98	3	Vertical	194	1.82	-	118.35	32.12	5.80	34.94
PK	5.9362G	58.71	68.20	-9.49	3.45	3	Vertical	194	1.82	-	55.26	32.57	5.87	34.99

802.11ax HEW40_Nss1,(MCS0)_2TX

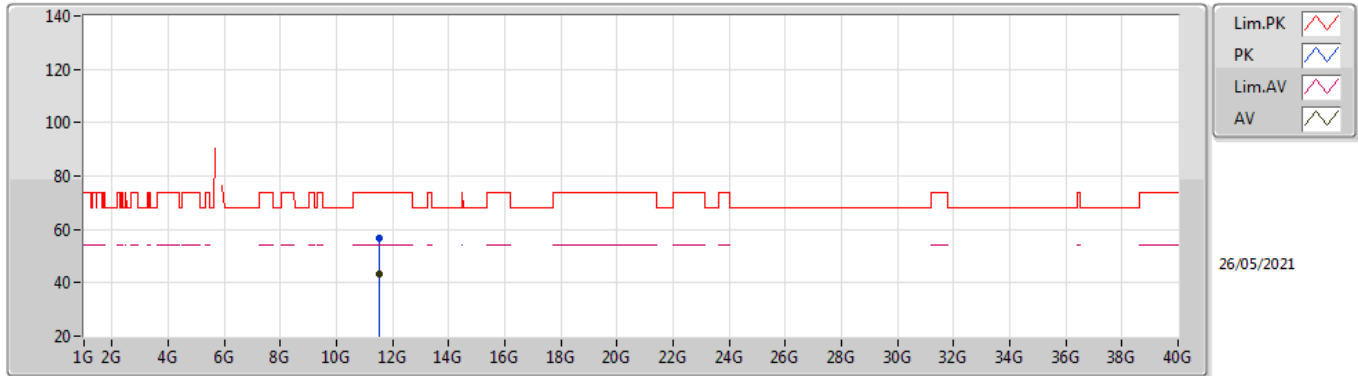
5755MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7598G	107.89	Inf	-Inf	2.98	3	Horizontal	177	2.16	-	104.91	32.12	5.80	34.94
PK	5.6494G	58.54	68.20	-9.66	2.70	3	Horizontal	177	2.16	-	55.84	31.80	5.80	34.90
PK	5.7598G	119.35	Inf	-Inf	2.98	3	Horizontal	177	2.16	-	116.37	32.12	5.80	34.94
PK	5.9362G	58.26	68.20	-9.94	3.45	3	Horizontal	177	2.16	-	54.81	32.57	5.87	34.99

802.11ax HEW40_Nss1,(MCS0)_2TX

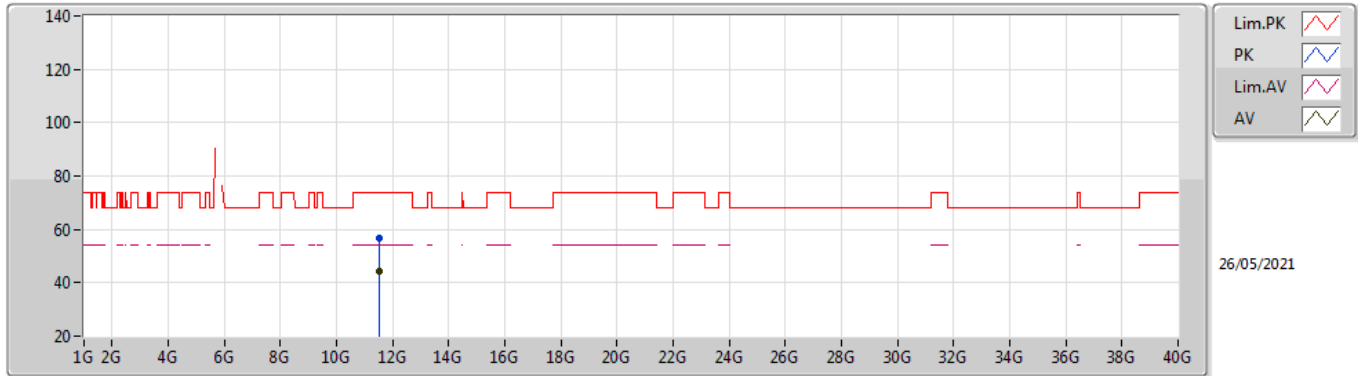
5755MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.51095G	43.45	54.00	-10.55	15.62	3	Vertical	79	1.50	-	27.83	42.03	8.33	34.74
PK	11.5103G	56.73	74.00	-17.27	15.62	3	Vertical	79	1.50	-	41.11	42.03	8.33	34.74

802.11ax HEW40_Nss1,(MCS0)_2TX

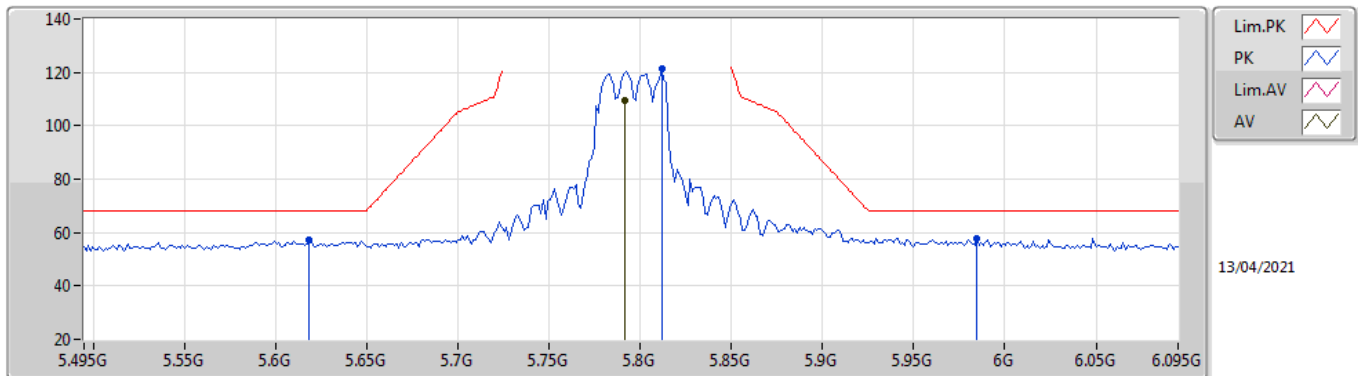
5755MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.50995G	44.23	54.00	-9.77	15.62	3	Horizontal	50	1.50	-	28.61	42.03	8.33	34.74
PK	11.51001G	56.57	74.00	-17.43	15.62	3	Horizontal	50	1.50	-	40.95	42.03	8.33	34.74

802.11ax HEW40_Nss1,(MCS0)_2TX

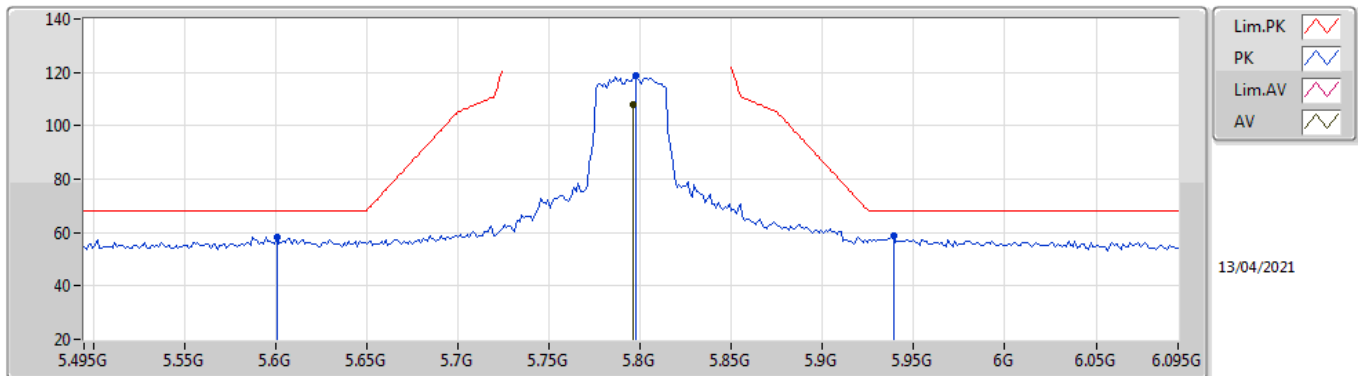
5795MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7914G	109.61	Inf	-Inf	3.03	3	Vertical	174	2.04	-	106.58	32.18	5.80	34.95
PK	5.6186G	57.04	68.20	-11.16	2.70	3	Vertical	174	2.04	-	54.34	31.80	5.80	34.90
PK	5.8118G	121.16	Inf	-Inf	3.11	3	Vertical	174	2.04	-	118.05	32.25	5.81	34.95
PK	5.9846G	57.92	68.20	-10.28	3.41	3	Vertical	174	2.04	-	54.51	32.53	5.89	35.01

802.11ax HEW40_Nss1,(MCS0)_2TX

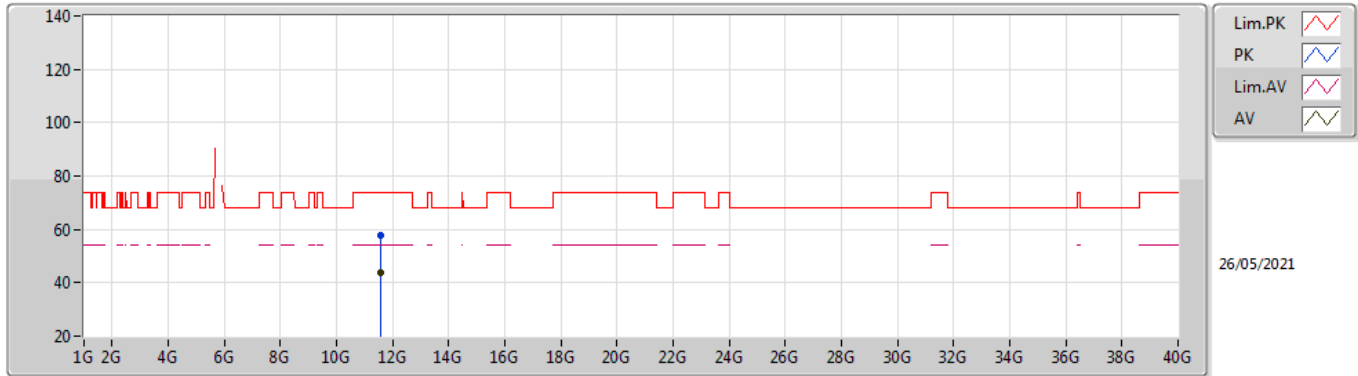
5795MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7962G	107.68	Inf	-Inf	3.04	3	Horizontal	178	2.07	-	104.64	32.19	5.80	34.95
PK	5.6006G	58.24	68.20	-9.96	2.71	3	Horizontal	178	2.07	-	55.53	31.80	5.80	34.89
PK	5.7974G	119.04	Inf	-Inf	3.04	3	Horizontal	178	2.07	-	116.00	32.19	5.80	34.95
PK	5.939G	58.57	68.20	-9.63	3.46	3	Horizontal	178	2.07	-	55.11	32.58	5.87	34.99

802.11ax HEW40_Nss1,(MCS0)_2TX

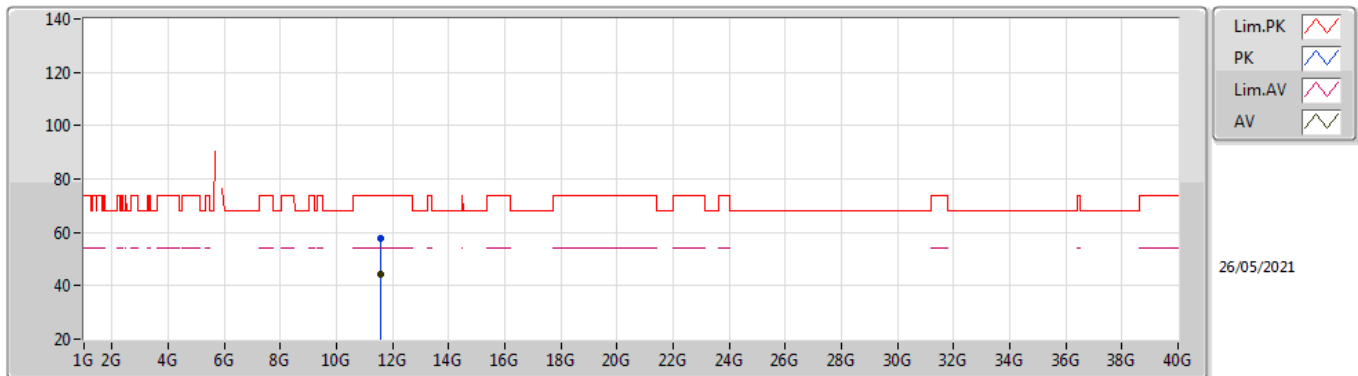
5795MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.59007G	43.70	54.00	-10.30	15.87	3	Vertical	184	2.90	-	27.83	42.27	8.36	34.76
PK	11.59026G	57.67	74.00	-16.33	15.87	3	Vertical	184	2.90	-	41.80	42.27	8.36	34.76

802.11ax HEW40_Nss1,(MCS0)_2TX

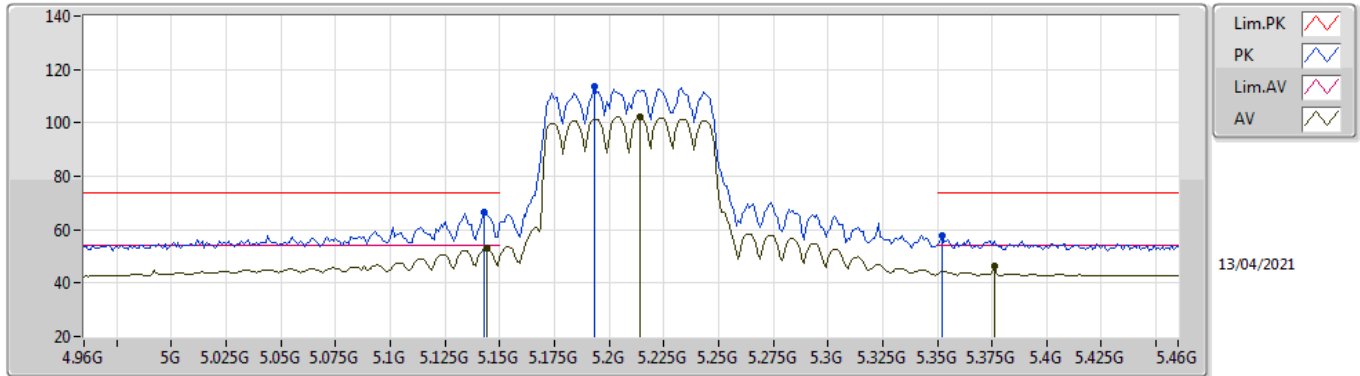
5795MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.58991G	44.50	54.00	-9.50	15.87	3	Horizontal	4	1.50	-	28.63	42.27	8.36	34.76
PK	11.5902G	57.75	74.00	-16.25	15.87	3	Horizontal	4	1.50	-	41.88	42.27	8.36	34.76

802.11ax HEW80_Nss1,(MCS0)_2TX

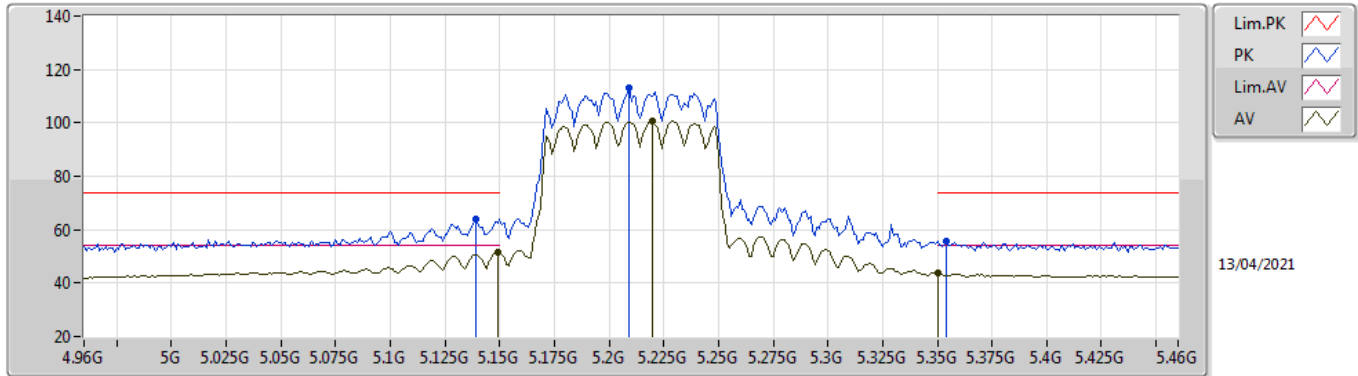
5210MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.144G	53.00	54.00	-1.00	2.55	3	Vertical	208	1.89	-	50.45	32.00	5.47	34.92
AV	5.214G	102.06	Inf	-Inf	2.22	3	Vertical	208	1.89	-	99.84	31.62	5.51	34.91
AV	5.376G	46.20	54.00	-7.80	2.26	3	Vertical	208	1.89	-	43.94	31.46	5.68	34.88
PK	5.143G	66.56	74.00	-7.44	2.55	3	Vertical	208	1.89	-	64.01	32.00	5.47	34.92
PK	5.193G	113.67	Inf	-Inf	2.33	3	Vertical	208	1.89	-	111.34	31.74	5.50	34.91
PK	5.352G	57.65	74.00	-16.35	2.08	3	Vertical	208	1.89	-	55.57	31.31	5.65	34.88

802.11ax HEW80_Nss1,(MCS0)_2TX

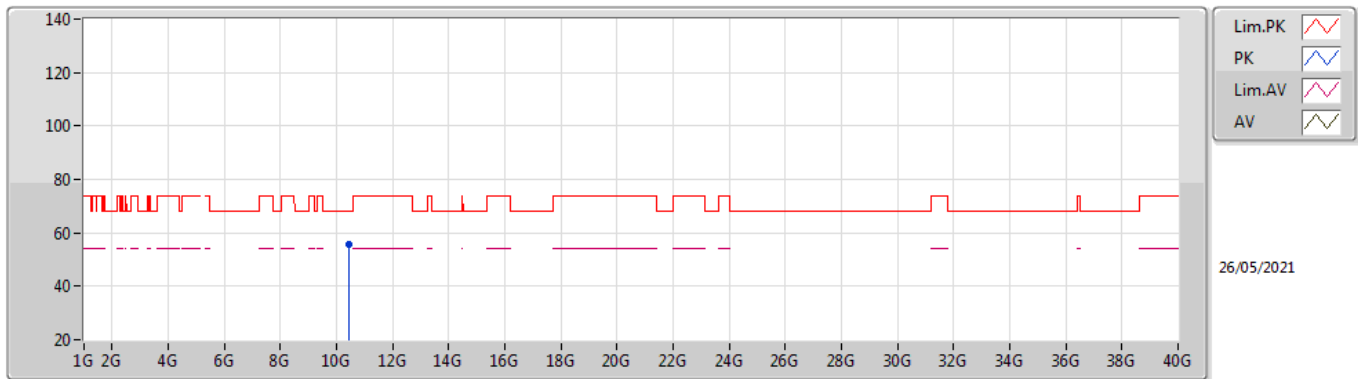
5210MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.149G	51.78	54.00	-2.22	2.55	3	Horizontal	29	1.63	-	49.23	32.00	5.47	34.92
AV	5.22G	100.53	Inf	-Inf	2.20	3	Horizontal	29	1.63	-	98.33	31.58	5.52	34.90
AV	5.35G	43.59	54.00	-10.41	2.07	3	Horizontal	29	1.63	-	41.52	31.30	5.65	34.88
PK	5.139G	64.04	74.00	-9.96	2.55	3	Horizontal	29	1.63	-	61.49	32.00	5.47	34.92
PK	5.209G	113.16	Inf	-Inf	2.25	3	Horizontal	29	1.63	-	110.91	31.65	5.51	34.91
PK	5.354G	55.59	74.00	-18.41	2.09	3	Horizontal	29	1.63	-	53.50	31.32	5.65	34.88

802.11ax HEW80_Nss1,(MCS0)_2TX

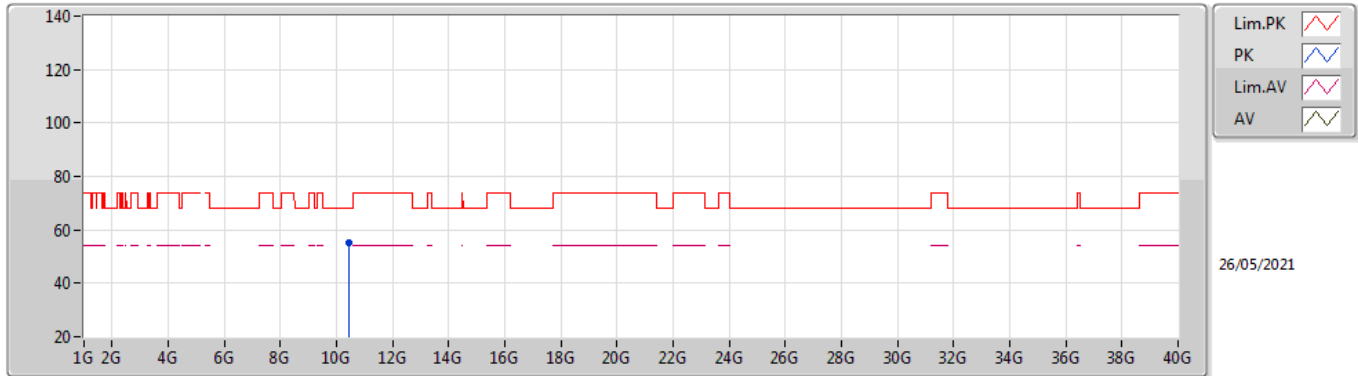
5210MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.42009G	55.48	68.20	-12.72	12.02	3	Vertical	2	1.49	-	43.46	39.24	7.95	35.17

802.11ax HEW80_Nss1,(MCS0)_2TX

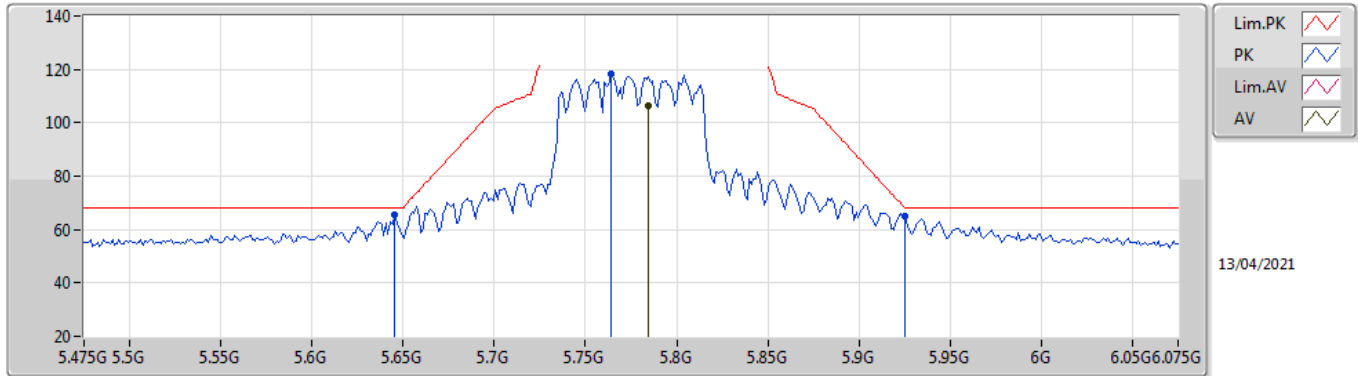
5210MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.41992G	55.33	68.20	-12.87	12.02	3	Horizontal	3	1.61	-	43.31	39.24	7.95	35.17

802.11ax HEW80_Nss1,(MCS0)_2TX

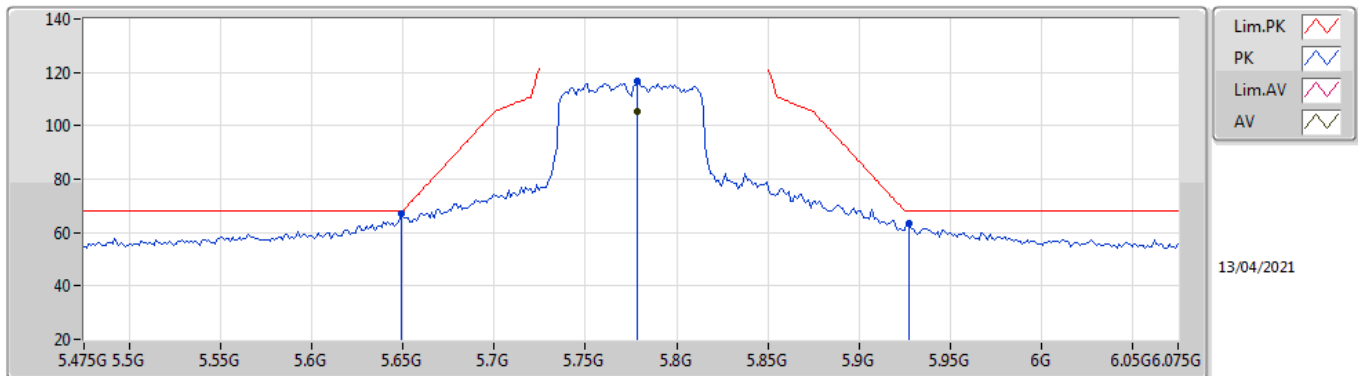
5775MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7846G	106.54	Inf	-Inf	3.02	3	Vertical	195	1.82	-	103.52	32.17	5.80	34.95
PK	5.6454G	65.75	68.20	-2.45	2.70	3	Vertical	195	1.82	-	63.05	31.80	5.80	34.90
PK	5.7642G	118.22	Inf	-Inf	2.99	3	Vertical	195	1.82	-	115.23	32.13	5.80	34.94
PK	5.925G	64.75	68.20	-3.45	3.42	3	Vertical	195	1.82	-	61.33	32.55	5.86	34.99

802.11ax HEW80_Nss1,(MCS0)_2TX

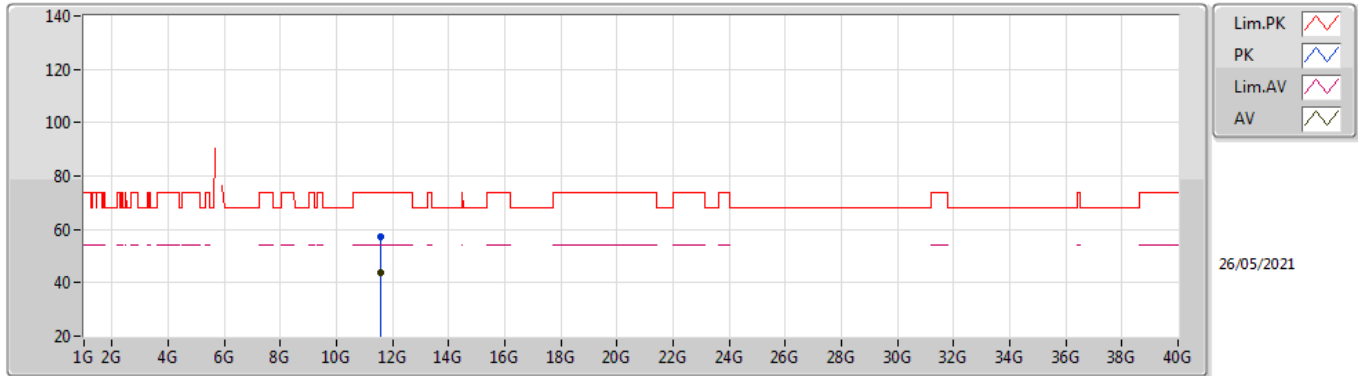
5775MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7786G	105.42	Inf	-Inf	3.02	3	Horizontal	176	1.75	-	102.40	32.16	5.80	34.94
PK	5.649G	66.92	68.20	-1.28	2.70	3	Horizontal	176	1.75	-	64.22	31.80	5.80	34.90
PK	5.7786G	116.51	Inf	-Inf	3.02	3	Horizontal	176	1.75	-	113.49	32.16	5.80	34.94
PK	5.9274G	63.39	68.20	-4.81	3.42	3	Horizontal	176	1.75	-	59.97	32.55	5.86	34.99

802.11ax HEW80_Nss1,(MCS0)_2TX

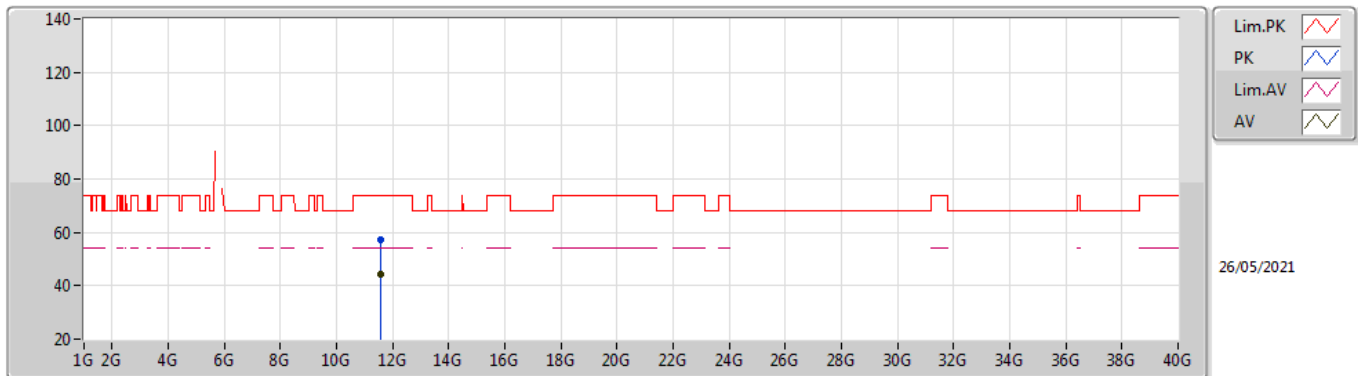
5775MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.54988G	43.58	54.00	-10.42	15.74	3	Vertical	10	2.20	-	27.84	42.15	8.34	34.75
PK	11.54966G	57.07	74.00	-16.93	15.74	3	Vertical	10	2.20	-	41.33	42.15	8.34	34.75

802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.55002G	44.36	54.00	-9.64	15.74	3	Horizontal	49	1.50	-	28.62	42.15	8.34	34.75
PK	11.55041G	57.01	74.00	-16.99	15.74	3	Horizontal	49	1.50	-	41.27	42.15	8.34	34.75



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	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	Pass	PK	5.147G	73.26	74.00	-0.74	3	Vertical	209	1.82	-
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	PK	5.1492G	72.80	74.00	-1.20	3	Vertical	207	2.08	-
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	Pass	AV	5.135G	53.66	54.00	-0.34	3	Vertical	207	1.81	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	Pass	PK	5.926G	62.03	68.20	-6.17	3	Vertical	173	1.82	-
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	PK	5.651G	62.29	68.94	-6.65	3	Vertical	193	1.92	-
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	Pass	PK	5.6418G	64.58	68.20	-3.62	3	Vertical	190	1.88	-



Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1494G	49.11	54.00	-4.89	3	Vertical	209	1.82	-
5180MHz	Pass	AV	5.1882G	107.99	Inf	-Inf	3	Vertical	209	1.82	-
5180MHz	Pass	PK	5.147G	73.26	74.00	-0.74	3	Vertical	209	1.82	-
5180MHz	Pass	PK	5.1886G	120.02	Inf	-Inf	3	Vertical	209	1.82	-
5180MHz	Pass	AV	5.1488G	46.96	54.00	-7.04	3	Horizontal	33	1.92	-
5180MHz	Pass	AV	5.1888G	106.36	Inf	-Inf	3	Horizontal	33	1.92	-
5180MHz	Pass	PK	5.1462G	68.17	74.00	-5.83	3	Horizontal	33	1.92	-
5180MHz	Pass	PK	5.1854G	118.32	Inf	-Inf	3	Horizontal	33	1.92	-
5180MHz	Pass	PK	10.35973G	54.48	68.20	-13.72	3	Vertical	32	1.86	-
5180MHz	Pass	PK	10.35989G	54.54	68.20	-13.66	3	Horizontal	330	1.43	-
5200MHz	Pass	AV	5.15G	47.88	54.00	-6.12	3	Vertical	212	1.84	-
5200MHz	Pass	AV	5.1912G	108.91	Inf	-Inf	3	Vertical	212	1.84	-
5200MHz	Pass	PK	5.144G	61.19	74.00	-12.81	3	Vertical	212	1.84	-
5200MHz	Pass	PK	5.1924G	121.05	Inf	-Inf	3	Vertical	212	1.84	-
5200MHz	Pass	AV	5.1448G	46.88	54.00	-7.12	3	Horizontal	32	1.34	-
5200MHz	Pass	AV	5.1916G	107.25	Inf	-Inf	3	Horizontal	32	1.34	-
5200MHz	Pass	PK	5.1484G	64.28	74.00	-9.72	3	Horizontal	32	1.34	-
5200MHz	Pass	PK	5.192G	119.29	Inf	-Inf	3	Horizontal	32	1.34	-
5200MHz	Pass	PK	10.39964G	54.49	68.20	-13.71	3	Vertical	360	1.17	-
5200MHz	Pass	PK	10.39997G	54.67	68.20	-13.53	3	Horizontal	331	1.47	-
5240MHz	Pass	AV	5.1494G	50.59	54.00	-3.41	3	Vertical	209	1.87	-
5240MHz	Pass	AV	5.249G	113.71	Inf	-Inf	3	Vertical	209	1.87	-
5240MHz	Pass	AV	5.3762G	52.04	54.00	-1.96	3	Vertical	209	1.87	-
5240MHz	Pass	PK	5.1356G	63.25	74.00	-10.75	3	Vertical	209	1.87	-
5240MHz	Pass	PK	5.249G	124.76	Inf	-Inf	3	Vertical	209	1.87	-
5240MHz	Pass	PK	5.3762G	63.69	74.00	-10.31	3	Vertical	209	1.87	-
5240MHz	Pass	AV	5.1494G	48.11	54.00	-5.89	3	Horizontal	319	1.52	-
5240MHz	Pass	AV	5.234G	108.07	Inf	-Inf	3	Horizontal	319	1.52	-
5240MHz	Pass	AV	5.357G	47.91	54.00	-6.09	3	Horizontal	319	1.52	-
5240MHz	Pass	PK	5.1074G	60.48	74.00	-13.52	3	Horizontal	319	1.52	-
5240MHz	Pass	PK	5.249G	122.77	Inf	-Inf	3	Horizontal	319	1.52	-
5240MHz	Pass	PK	5.3606G	60.87	74.00	-13.13	3	Horizontal	319	1.52	-
5240MHz	Pass	PK	10.47962G	53.96	68.20	-14.24	3	Vertical	0	1.50	-
5240MHz	Pass	PK	10.48096G	54.65	68.20	-13.55	3	Horizontal	59	1.56	-
5745MHz	Pass	AV	5.742G	108.75	Inf	-Inf	3	Vertical	191	1.67	-
5745MHz	Pass	PK	5.56G	59.58	68.20	-8.62	3	Vertical	191	1.67	-
5745MHz	Pass	PK	5.743G	119.61	Inf	-Inf	3	Vertical	191	1.67	-
5745MHz	Pass	PK	5.929G	59.85	68.20	-8.35	3	Vertical	191	1.67	-
5745MHz	Pass	AV	5.752G	104.18	Inf	-Inf	3	Horizontal	162	1.95	-
5745MHz	Pass	PK	5.632G	60.00	68.20	-8.20	3	Horizontal	162	1.95	-
5745MHz	Pass	PK	5.739G	115.50	Inf	-Inf	3	Horizontal	162	1.95	-
5745MHz	Pass	PK	5.981G	58.13	68.20	-10.07	3	Horizontal	162	1.95	-
5745MHz	Pass	AV	11.42686G	43.98	54.00	-10.02	3	Vertical	194	1.50	-
5745MHz	Pass	PK	11.44624G	57.39	74.00	-16.61	3	Vertical	194	1.50	-
5745MHz	Pass	AV	11.49018G	44.25	54.00	-9.75	3	Horizontal	4	1.62	-
5745MHz	Pass	PK	11.502G	56.59	74.00	-17.41	3	Horizontal	4	1.62	-
5785MHz	Pass	AV	5.779G	107.45	Inf	-Inf	3	Vertical	202	1.68	-
5785MHz	Pass	PK	5.588G	60.39	68.20	-7.81	3	Vertical	202	1.68	-
5785MHz	Pass	PK	5.777G	119.18	Inf	-Inf	3	Vertical	202	1.68	-
5785MHz	Pass	PK	5.952G	59.37	68.20	-8.83	3	Vertical	202	1.68	-
5785MHz	Pass	AV	5.777G	104.16	Inf	-Inf	3	Horizontal	174	1.50	-
5785MHz	Pass	PK	5.591G	59.41	68.20	-8.79	3	Horizontal	174	1.50	-
5785MHz	Pass	PK	5.789G	117.10	Inf	-Inf	3	Horizontal	174	1.50	-
5785MHz	Pass	PK	5.952G	58.40	68.20	-9.80	3	Horizontal	174	1.50	-
5785MHz	Pass	AV	11.57422G	44.06	54.00	-9.94	3	Vertical	180	1.50	-
5785MHz	Pass	PK	11.56744G	57.34	74.00	-16.66	3	Vertical	180	1.50	-
5785MHz	Pass	AV	11.57192G	44.24	54.00	-9.76	3	Horizontal	0	1.73	-
5785MHz	Pass	PK	11.57028G	57.75	74.00	-16.25	3	Horizontal	0	1.73	-
5825MHz	Pass	AV	5.819G	110.24	Inf	-Inf	3	Vertical	173	1.82	-
5825MHz	Pass	PK	5.626G	61.20	68.20	-7.00	3	Vertical	173	1.82	-



RSE TX above 1GHz_ Beamforming

Appendix E.4

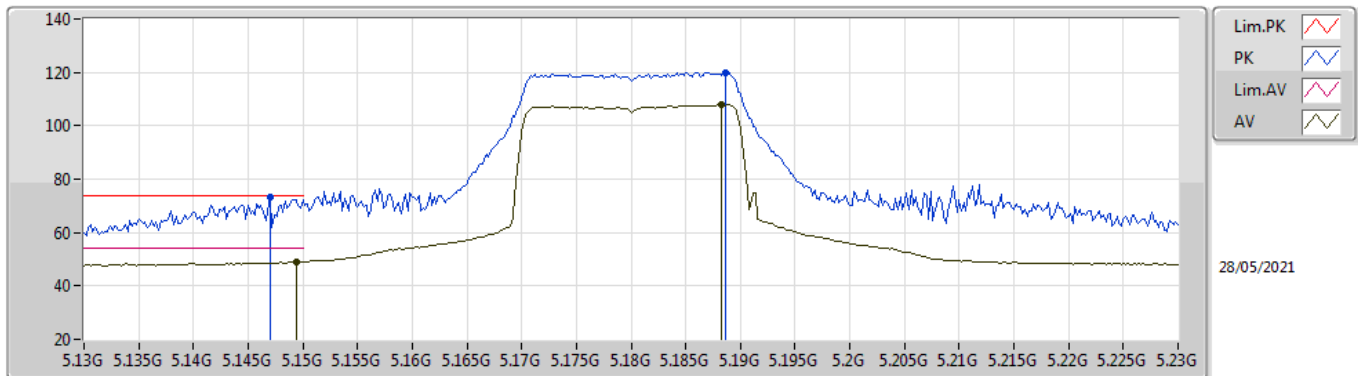
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5825MHz	Pass	PK	5.817G	121.95	Inf	-Inf	3	Vertical	173	1.82	-
5825MHz	Pass	PK	5.926G	62.03	68.20	-6.17	3	Vertical	173	1.82	-
5825MHz	Pass	AV	5.817G	101.98	Inf	-Inf	3	Horizontal	43	1.93	-
5825MHz	Pass	PK	5.649G	57.98	68.20	-10.22	3	Horizontal	43	1.93	-
5825MHz	Pass	PK	5.818G	113.00	Inf	-Inf	3	Horizontal	43	1.93	-
5825MHz	Pass	PK	5.926G	57.98	68.20	-10.22	3	Horizontal	43	1.93	-
5825MHz	Pass	AV	11.64538G	44.60	54.00	-9.40	3	Vertical	0	1.40	-
5825MHz	Pass	PK	11.6534G	57.61	74.00	-16.39	3	Vertical	0	1.40	-
5825MHz	Pass	AV	11.64968G	45.27	54.00	-8.73	3	Horizontal	17	1.50	-
5825MHz	Pass	PK	11.64914G	58.35	74.00	-15.65	3	Horizontal	17	1.50	-
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.15G	47.92	54.00	-6.08	3	Vertical	207	2.08	-
5190MHz	Pass	AV	5.204G	103.68	Inf	-Inf	3	Vertical	207	2.08	-
5190MHz	Pass	PK	5.1492G	72.80	74.00	-1.20	3	Vertical	207	2.08	-
5190MHz	Pass	PK	5.1928G	115.81	Inf	-Inf	3	Vertical	207	2.08	-
5190MHz	Pass	AV	5.1448G	47.02	54.00	-6.98	3	Horizontal	335	1.77	-
5190MHz	Pass	AV	5.206G	104.22	Inf	-Inf	3	Horizontal	335	1.77	-
5190MHz	Pass	PK	5.1484G	69.36	74.00	-4.64	3	Horizontal	335	1.77	-
5190MHz	Pass	PK	5.206G	116.86	Inf	-Inf	3	Horizontal	335	1.77	-
5190MHz	Pass	PK	10.37996G	54.39	68.20	-13.81	3	Vertical	360	1.08	-
5190MHz	Pass	PK	10.37816G	54.66	68.20	-13.54	3	Horizontal	330	1.50	-
5230MHz	Pass	AV	5.1496G	47.22	54.00	-6.78	3	Vertical	210	1.46	-
5230MHz	Pass	AV	5.2208G	106.87	Inf	-Inf	3	Vertical	210	1.46	-
5230MHz	Pass	PK	5.1432G	63.17	74.00	-10.83	3	Vertical	210	1.46	-
5230MHz	Pass	PK	5.2208G	117.49	Inf	-Inf	3	Vertical	210	1.46	-
5230MHz	Pass	AV	5.1384G	46.41	54.00	-7.59	3	Horizontal	126	1.50	-
5230MHz	Pass	AV	5.212G	102.68	Inf	-Inf	3	Horizontal	126	1.50	-
5230MHz	Pass	PK	5.1312G	69.16	74.00	-4.84	3	Horizontal	126	1.50	-
5230MHz	Pass	PK	5.2164G	115.18	Inf	-Inf	3	Horizontal	126	1.50	-
5230MHz	Pass	PK	10.45993G	54.48	68.20	-13.72	3	Vertical	360	2.55	-
5230MHz	Pass	PK	10.46093G	54.49	68.20	-13.71	3	Horizontal	334	1.50	-
5755MHz	Pass	AV	5.7466G	106.14	Inf	-Inf	3	Vertical	161	2.04	-
5755MHz	Pass	PK	5.5666G	60.09	68.20	-8.11	3	Vertical	161	2.04	-
5755MHz	Pass	PK	5.7514G	115.93	Inf	-Inf	3	Vertical	161	2.04	-
5755MHz	Pass	PK	5.959G	60.95	68.20	-7.25	3	Vertical	161	2.04	-
5755MHz	Pass	AV	5.7502G	104.39	Inf	-Inf	3	Horizontal	47	1.86	-
5755MHz	Pass	PK	5.6338G	59.02	68.20	-9.18	3	Horizontal	47	1.86	-
5755MHz	Pass	PK	5.7502G	114.02	Inf	-Inf	3	Horizontal	47	1.86	-
5755MHz	Pass	PK	6.0034G	58.89	68.20	-9.31	3	Horizontal	47	1.86	-
5755MHz	Pass	AV	11.51202G	44.24	54.00	-9.76	3	Vertical	349	1.52	-
5755MHz	Pass	PK	11.51135G	56.77	74.00	-17.23	3	Vertical	349	1.52	-
5755MHz	Pass	AV	11.51026G	44.30	54.00	-9.70	3	Horizontal	1	1.48	-
5755MHz	Pass	PK	11.51236G	57.38	74.00	-16.62	3	Horizontal	1	1.48	-
5795MHz	Pass	AV	5.7902G	109.18	Inf	-Inf	3	Vertical	193	1.92	-
5795MHz	Pass	PK	5.651G	62.29	68.94	-6.65	3	Vertical	193	1.92	-
5795MHz	Pass	PK	5.7902G	120.17	Inf	-Inf	3	Vertical	193	1.92	-
5795MHz	Pass	PK	5.927G	60.85	68.20	-7.35	3	Vertical	193	1.92	-
5795MHz	Pass	AV	5.783G	107.07	Inf	-Inf	3	Horizontal	304	1.92	-
5795MHz	Pass	PK	5.6042G	59.57	68.20	-8.63	3	Horizontal	304	1.92	-
5795MHz	Pass	PK	5.783G	117.43	Inf	-Inf	3	Horizontal	304	1.92	-
5795MHz	Pass	PK	5.9522G	59.24	68.20	-8.96	3	Horizontal	304	1.92	-
5795MHz	Pass	AV	11.59009G	44.63	54.00	-9.37	3	Vertical	10	1.50	-
5795MHz	Pass	PK	11.58774G	57.45	74.00	-16.55	3	Vertical	10	1.50	-
5795MHz	Pass	AV	11.5899G	44.45	54.00	-9.55	3	Horizontal	0	1.43	-
5795MHz	Pass	PK	11.5895G	57.46	74.00	-16.54	3	Horizontal	0	1.43	-
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.135G	53.66	54.00	-0.34	3	Vertical	207	1.81	-
5210MHz	Pass	AV	5.194G	108.11	Inf	-Inf	3	Vertical	207	1.81	-
5210MHz	Pass	AV	5.376G	51.67	54.00	-2.33	3	Vertical	207	1.81	-
5210MHz	Pass	PK	5.144G	73.62	74.00	-0.38	3	Vertical	207	1.81	-
5210MHz	Pass	PK	5.204G	117.46	Inf	-Inf	3	Vertical	207	1.81	-
5210MHz	Pass	PK	5.405G	64.41	74.00	-9.59	3	Vertical	207	1.81	-



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	50.61	54.00	-3.39	3	Horizontal	24	1.62	-
5210MHz	Pass	AV	5.201G	105.83	Inf	-Inf	3	Horizontal	24	1.62	-
5210MHz	Pass	AV	5.376G	48.55	54.00	-5.45	3	Horizontal	24	1.62	-
5210MHz	Pass	PK	5.121G	68.93	74.00	-5.07	3	Horizontal	24	1.62	-
5210MHz	Pass	PK	5.201G	115.28	Inf	-Inf	3	Horizontal	24	1.62	-
5210MHz	Pass	PK	5.357G	62.28	74.00	-11.72	3	Horizontal	24	1.62	-
5210MHz	Pass	PK	10.42023G	53.97	68.20	-14.23	3	Vertical	0	1.50	-
5210MHz	Pass	PK	10.42013G	54.71	68.20	-13.49	3	Horizontal	337	1.50	-
5775MHz	Pass	AV	5.7414G	108.87	Inf	-Inf	3	Vertical	190	1.88	-
5775MHz	Pass	PK	5.6418G	64.58	68.20	-3.62	3	Vertical	190	1.88	-
5775MHz	Pass	PK	5.7426G	119.26	Inf	-Inf	3	Vertical	190	1.88	-
5775MHz	Pass	PK	5.9238G	62.29	69.09	-6.80	3	Vertical	190	1.88	-
5775MHz	Pass	AV	5.7426G	104.23	Inf	-Inf	3	Horizontal	179	1.50	-
5775MHz	Pass	PK	5.6322G	59.63	68.20	-8.57	3	Horizontal	179	1.50	-
5775MHz	Pass	PK	5.7498G	114.20	Inf	-Inf	3	Horizontal	179	1.50	-
5775MHz	Pass	PK	5.9298G	58.29	68.20	-9.91	3	Horizontal	179	1.50	-
5775MHz	Pass	AV	11.5498G	44.97	54.00	-9.03	3	Vertical	360	2.20	-
5775MHz	Pass	PK	11.54977G	57.49	74.00	-16.51	3	Vertical	360	2.20	-
5775MHz	Pass	AV	11.54987G	44.92	54.00	-9.08	3	Horizontal	94	1.50	-
5775MHz	Pass	PK	11.5491G	57.01	74.00	-16.99	3	Horizontal	94	1.50	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

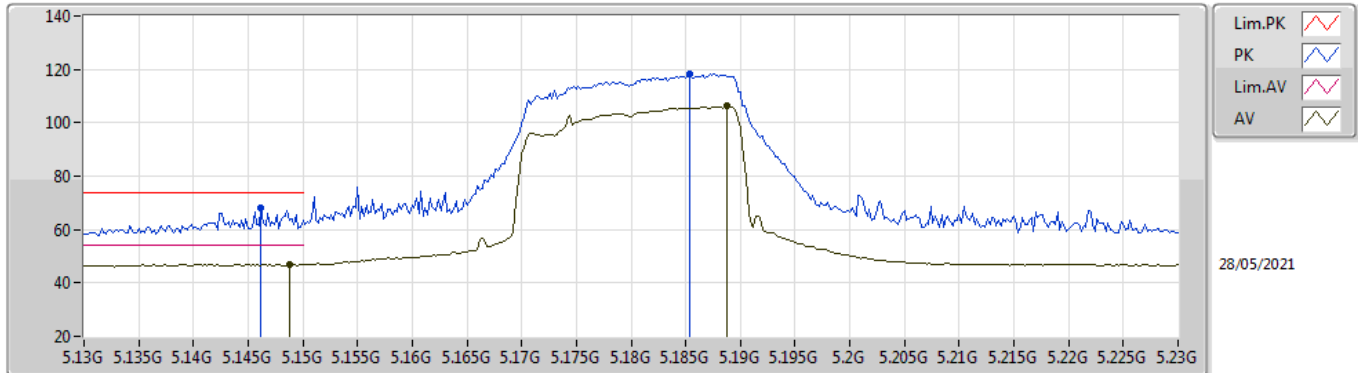
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1494G	49.11	54.00	-4.89	5.15	3	Vertical	209	1.82	-	43.96	34.60	5.47	34.92
AV	5.1882G	107.99	Inf	-Inf	5.26	3	Vertical	209	1.82	-	102.73	34.68	5.49	34.91
PK	5.147G	73.26	74.00	-0.74	5.14	3	Vertical	209	1.82	-	68.12	34.59	5.47	34.92
PK	5.1886G	120.02	Inf	-Inf	5.26	3	Vertical	209	1.82	-	114.76	34.68	5.49	34.91

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

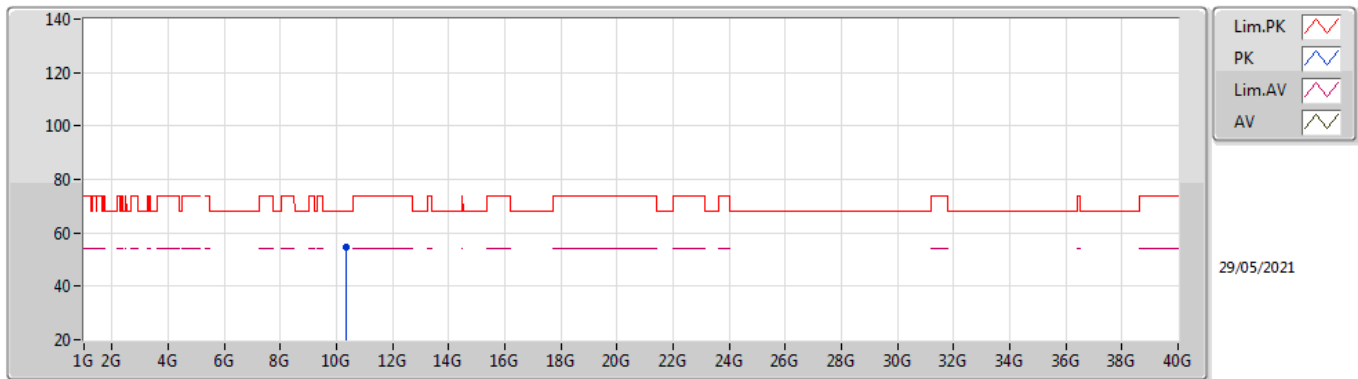
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1488G	46.96	54.00	-7.04	5.15	3	Horizontal	33	1.92	-	41.81	34.60	5.47	34.92
AV	5.1888G	106.36	Inf	-Inf	5.26	3	Horizontal	33	1.92	-	101.10	34.68	5.49	34.91
PK	5.1462G	68.17	74.00	-5.83	5.13	3	Horizontal	33	1.92	-	63.04	34.58	5.47	34.92
PK	5.1854G	118.32	Inf	-Inf	5.25	3	Horizontal	33	1.92	-	113.07	34.67	5.49	34.91

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

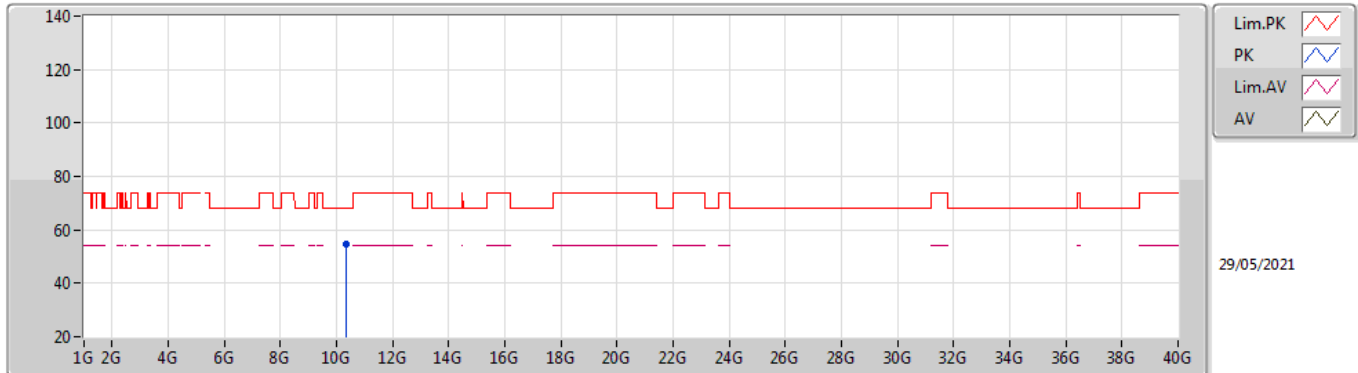
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.35973G	54.48	68.20	-13.72	11.85	3	Vertical	32	1.86	-	42.63	39.16	7.93	35.24

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

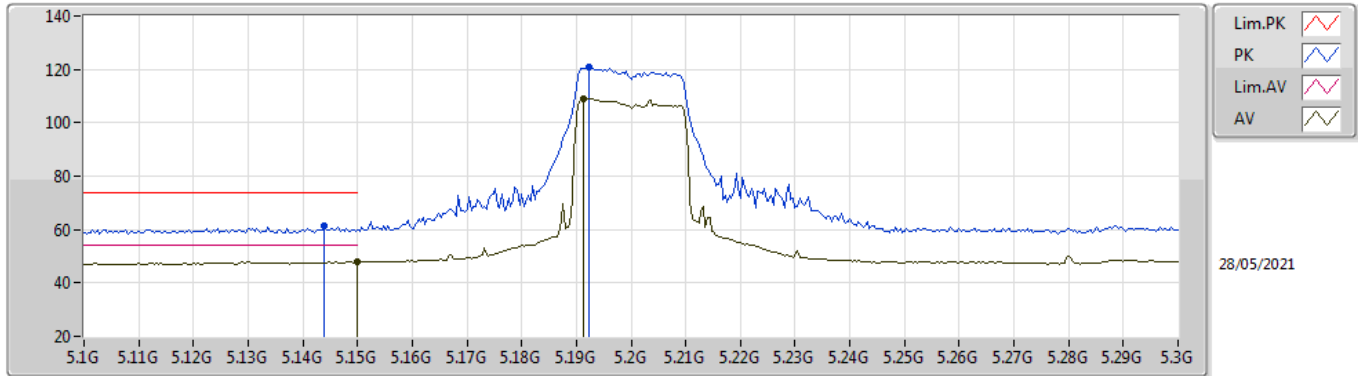
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.35989G	54.54	68.20	-13.66	11.85	3	Horizontal	330	1.43	-	42.69	39.16	7.93	35.24

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

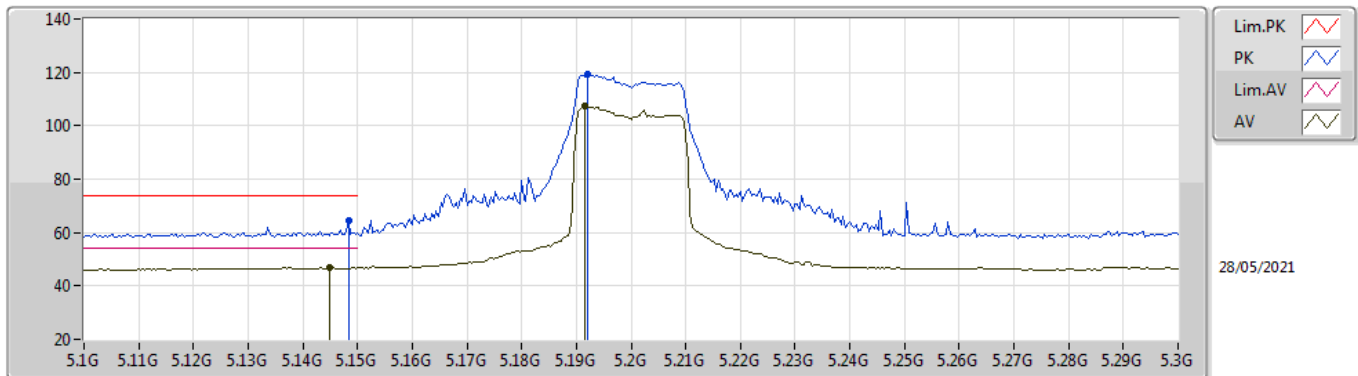
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	47.88	54.00	-6.12	5.15	3	Vertical	212	1.84	-	42.73	34.60	5.47	34.92
AV	5.1912G	108.91	Inf	-Inf	5.27	3	Vertical	212	1.84	-	103.64	34.68	5.50	34.91
PK	5.144G	61.19	74.00	-12.81	5.13	3	Vertical	212	1.84	-	56.06	34.58	5.47	34.92
PK	5.1924G	121.05	Inf	-Inf	5.27	3	Vertical	212	1.84	-	115.78	34.68	5.50	34.91

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

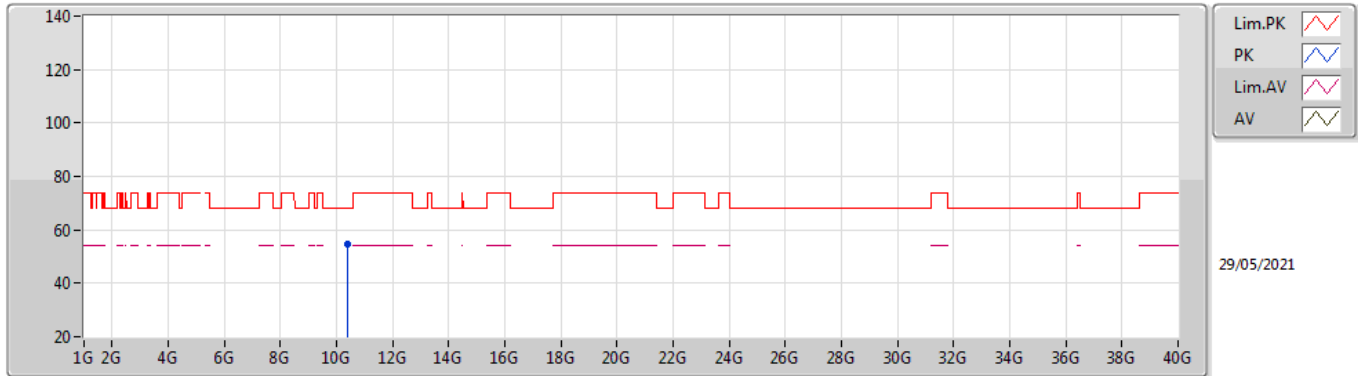
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1448G	46.88	54.00	-7.12	5.13	3	Horizontal	32	1.34	-	41.75	34.58	5.47	34.92
AV	5.1916G	107.25	Inf	-Inf	5.27	3	Horizontal	32	1.34	-	101.98	34.68	5.50	34.91
PK	5.1484G	64.28	74.00	-9.72	5.14	3	Horizontal	32	1.34	-	59.14	34.59	5.47	34.92
PK	5.192G	119.29	Inf	-Inf	5.27	3	Horizontal	32	1.34	-	114.02	34.68	5.50	34.91

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

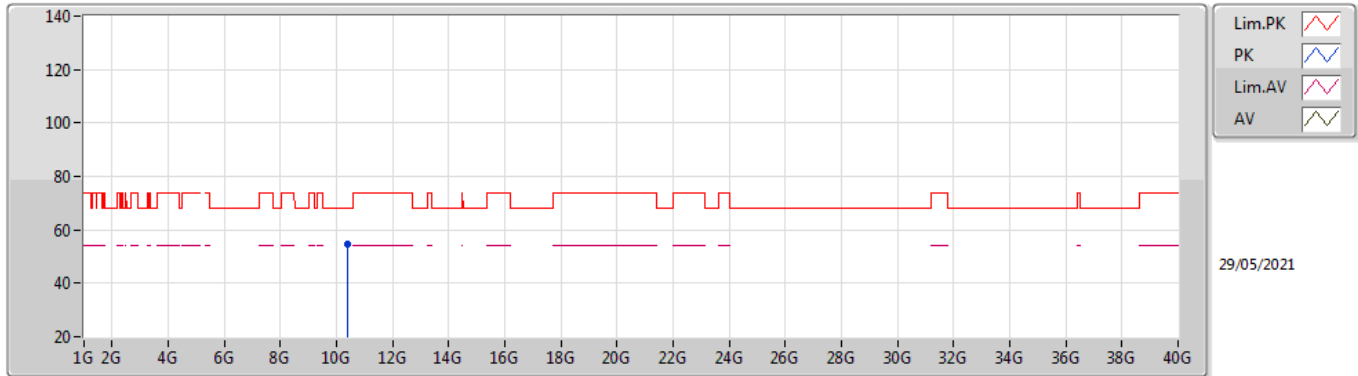
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.39964G	54.49	68.20	-13.71	11.95	3	Vertical	360	1.17	-	42.54	39.20	7.94	35.19

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

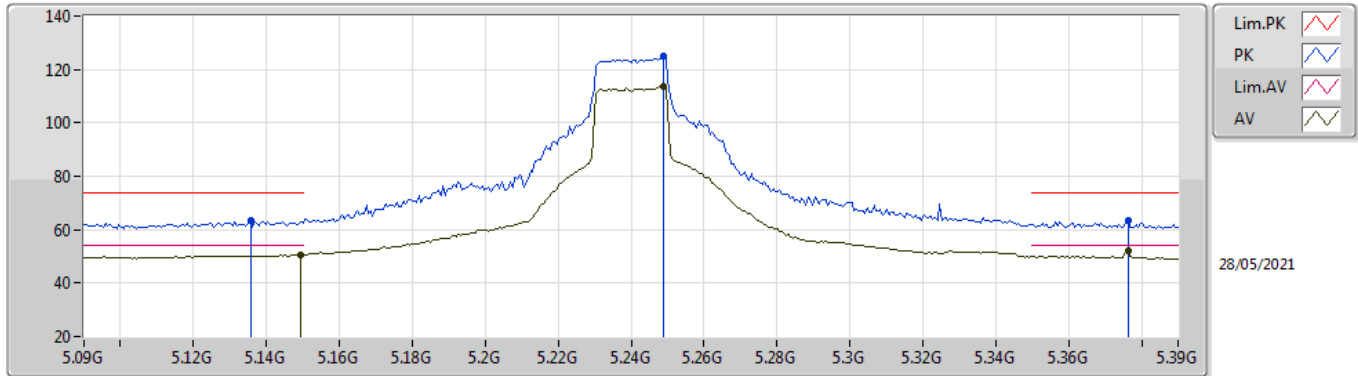
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.39997G	54.67	68.20	-13.53	11.95	3	Horizontal	331	1.47	-	42.72	39.20	7.94	35.19

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

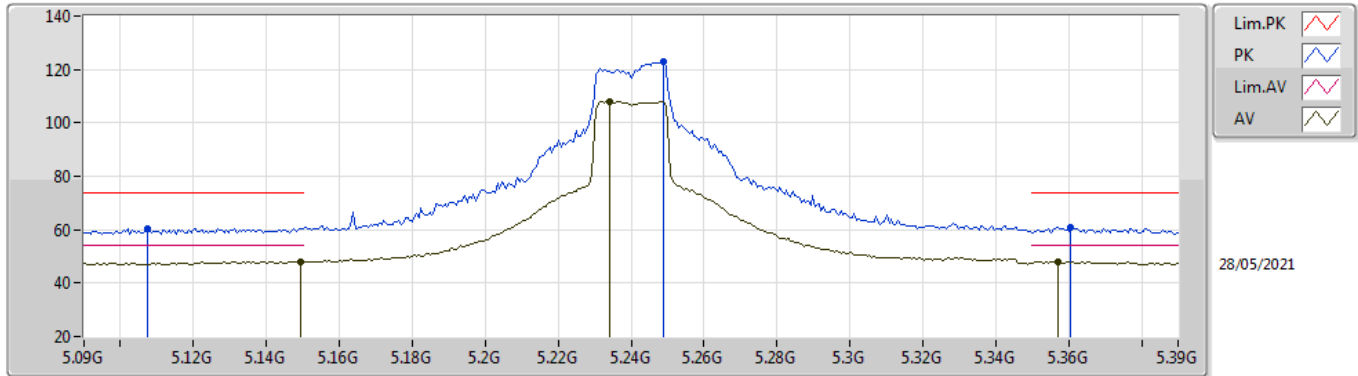
5240MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1494G	50.59	54.00	-3.41	5.15	3	Vertical	209	1.87	-	45.44	34.60	5.47	34.92
AV	5.249G	113.71	Inf	-Inf	5.25	3	Vertical	209	1.87	-	108.46	34.60	5.55	34.90
AV	5.3762G	52.04	54.00	-1.96	5.40	3	Vertical	209	1.87	-	46.64	34.60	5.68	34.88
PK	5.1356G	63.25	74.00	-10.75	5.09	3	Vertical	209	1.87	-	58.16	34.54	5.47	34.92
PK	5.249G	124.76	Inf	-Inf	5.25	3	Vertical	209	1.87	-	119.51	34.60	5.55	34.90
PK	5.3762G	63.69	74.00	-10.31	5.40	3	Vertical	209	1.87	-	58.29	34.60	5.68	34.88

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

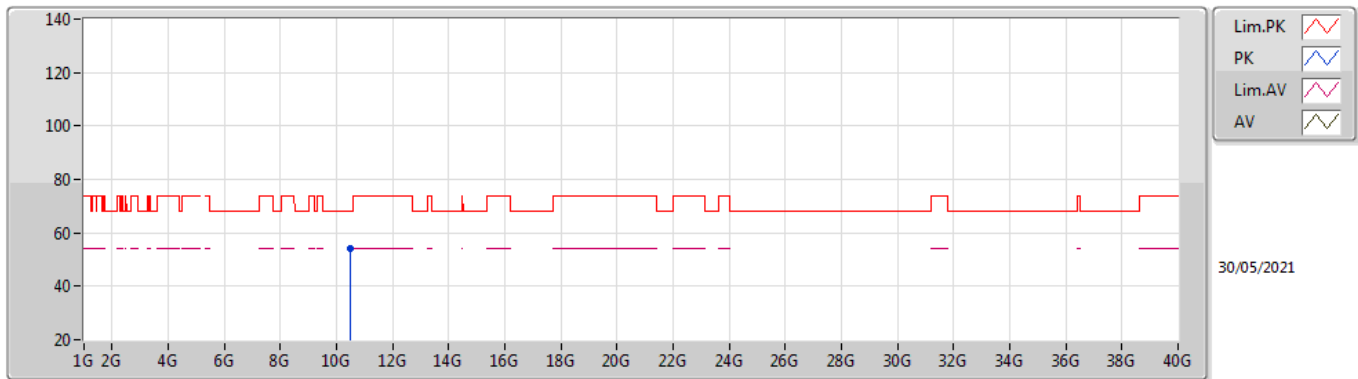
5240MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1494G	48.11	54.00	-5.89	5.15	3	Horizontal	319	1.52	-	42.96	34.60	5.47	34.92
AV	5.234G	108.07	Inf	-Inf	5.26	3	Horizontal	319	1.52	-	102.81	34.63	5.53	34.90
AV	5.357G	47.91	54.00	-6.09	5.38	3	Horizontal	319	1.52	-	42.53	34.60	5.66	34.88
PK	5.1074G	60.48	74.00	-13.52	4.96	3	Horizontal	319	1.52	-	55.52	34.43	5.45	34.92
PK	5.249G	122.77	Inf	-Inf	5.25	3	Horizontal	319	1.52	-	117.52	34.60	5.55	34.90
PK	5.3606G	60.87	74.00	-13.13	5.38	3	Horizontal	319	1.52	-	55.49	34.60	5.66	34.88

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

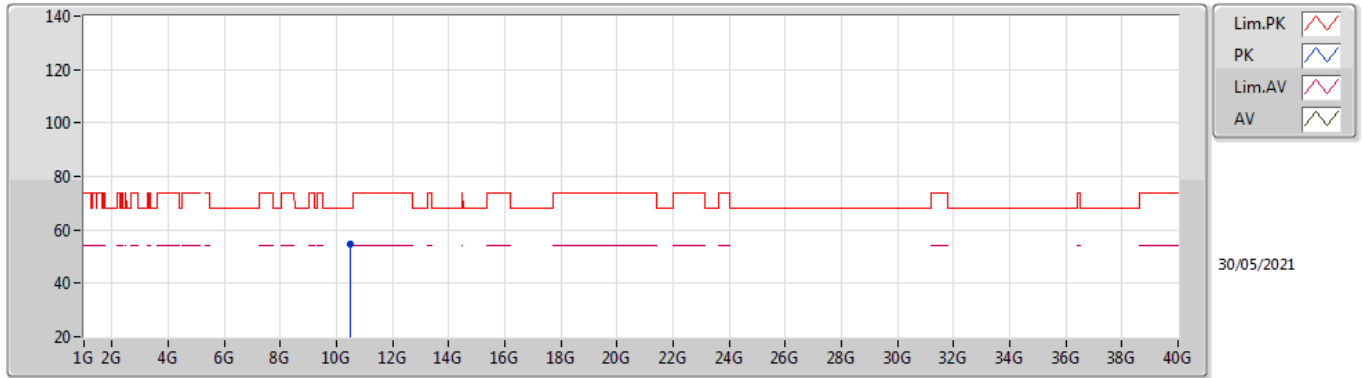
5240MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.47962G	53.96	68.20	-14.24	12.24	3	Vertical	0	1.50	-	41.72	39.36	7.97	35.09

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

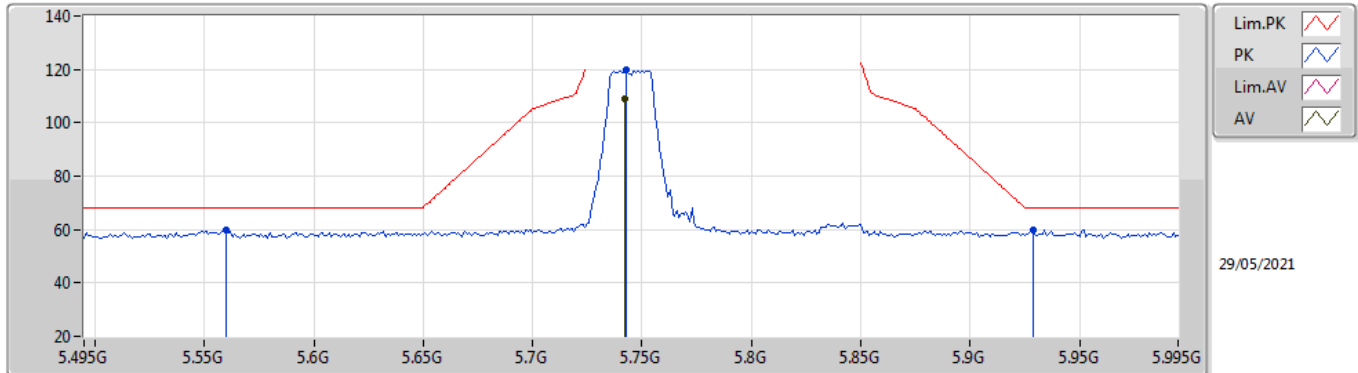
5240MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.480966	54.65	68.20	-13.55	12.24	3	Horizontal	59	1.56	-	42.41	39.36	7.97	35.09

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

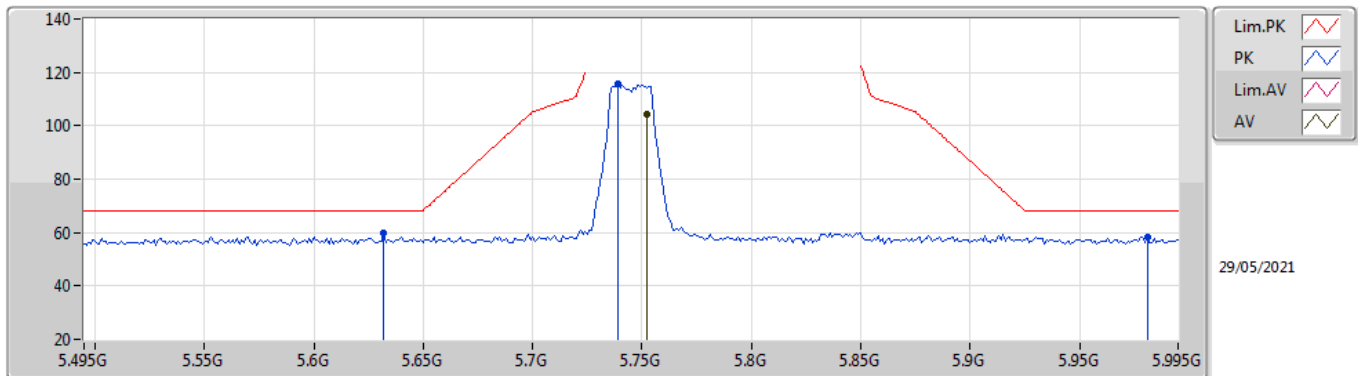
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.742G	108.75	Inf	-Inf	4.87	3	Vertical	191	1.67	-	103.88	34.00	5.80	34.93
PK	5.56G	59.58	68.20	-8.62	5.16	3	Vertical	191	1.67	-	54.42	34.26	5.78	34.88
PK	5.743G	119.61	Inf	-Inf	4.87	3	Vertical	191	1.67	-	114.74	34.00	5.80	34.93
PK	5.929G	59.85	68.20	-8.35	5.27	3	Vertical	191	1.67	-	54.58	34.40	5.86	34.99

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

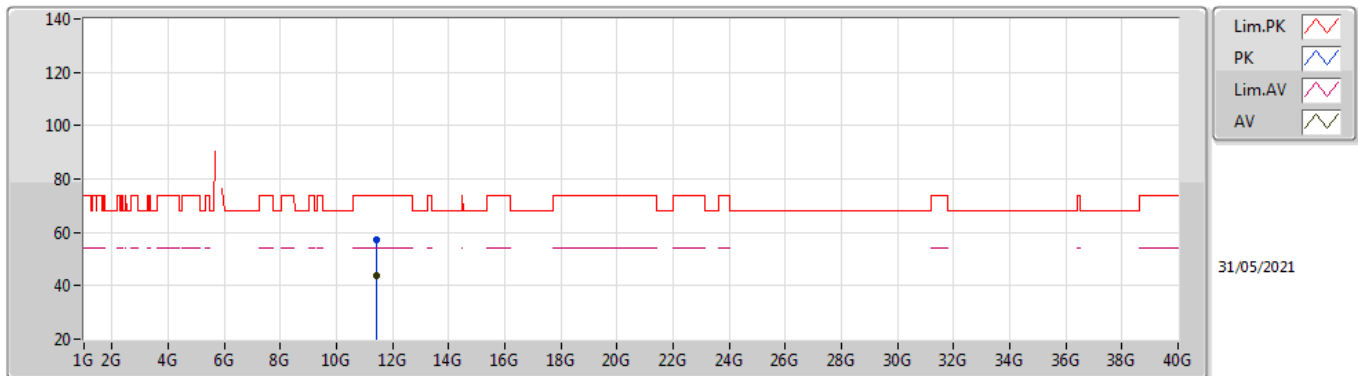
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.752G	104.18	Inf	-Inf	4.86	3	Horizontal	162	1.95	-	99.32	34.00	5.80	34.94
PK	5.632G	60.00	68.20	-8.20	5.00	3	Horizontal	162	1.95	-	55.00	34.10	5.80	34.90
PK	5.739G	115.50	Inf	-Inf	4.87	3	Horizontal	162	1.95	-	110.63	34.00	5.80	34.93
PK	5.981G	58.13	68.20	-10.07	5.35	3	Horizontal	162	1.95	-	52.78	34.46	5.89	35.00

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

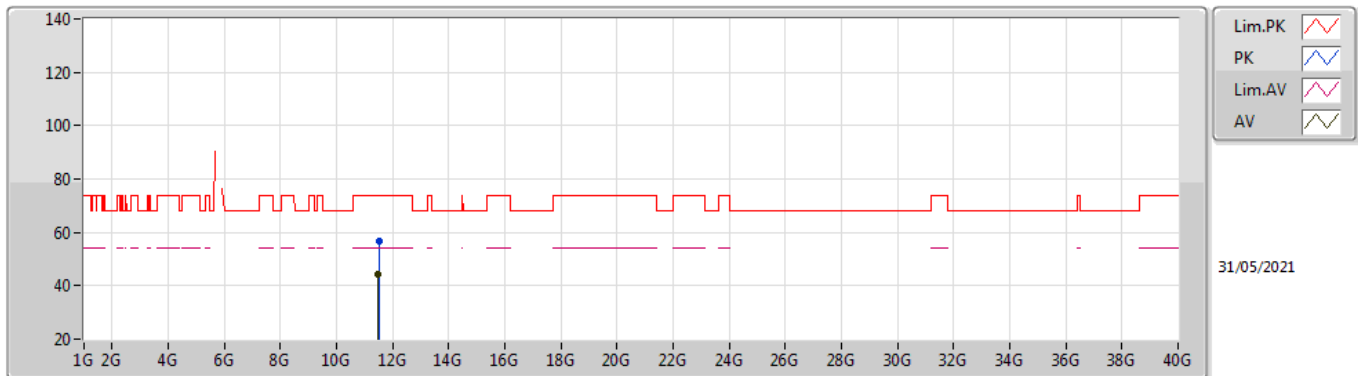
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.42686G	43.98	54.00	-10.02	15.45	3	Vertical	194	1.50	-	28.53	41.93	8.30	34.78
PK	11.44624G	57.39	74.00	-16.61	15.49	3	Vertical	194	1.50	-	41.90	41.95	8.31	34.77

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

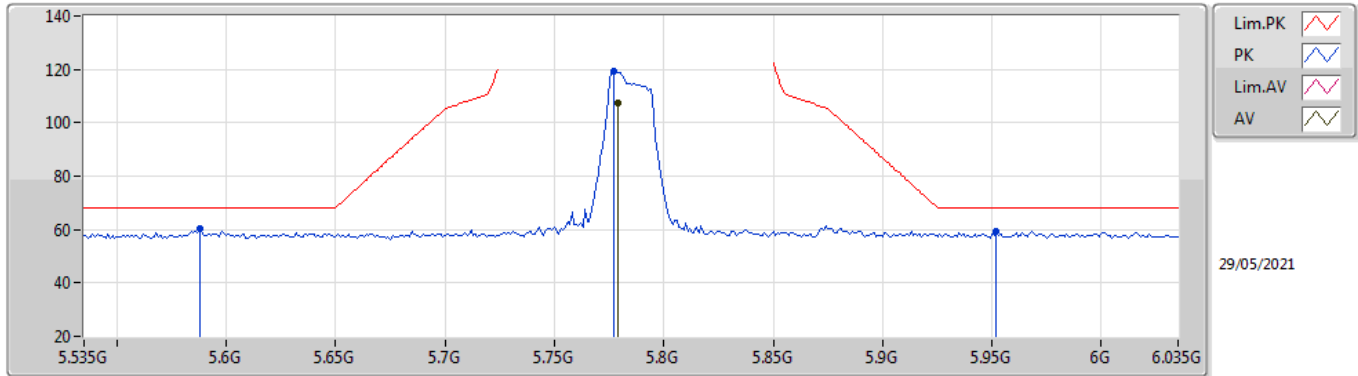
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.49018G	44.25	54.00	-9.75	15.56	3	Horizontal	4	1.62	-	28.69	41.99	8.32	34.75
PK	11.502G	56.59	74.00	-17.41	15.60	3	Horizontal	4	1.62	-	40.99	42.01	8.33	34.74

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

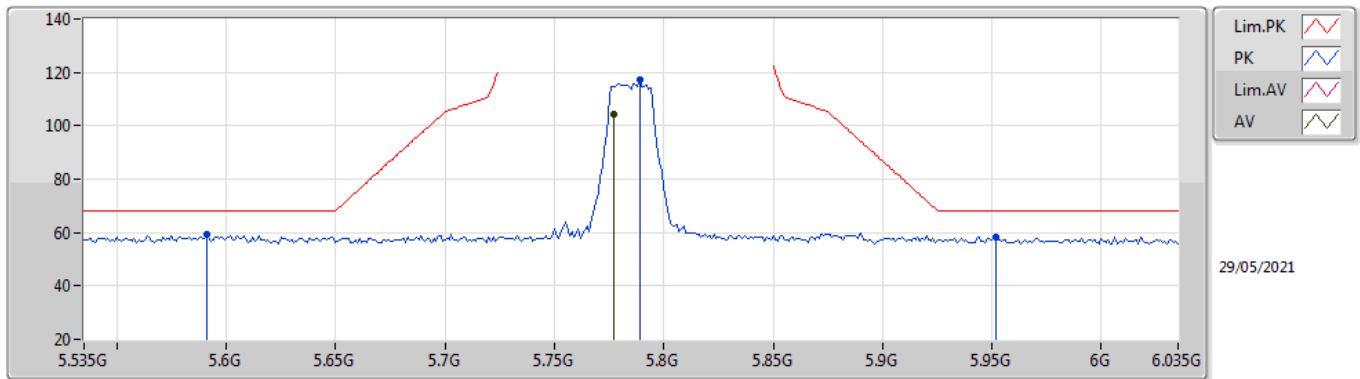
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.779G	107.45	Inf	-Inf	4.92	3	Vertical	202	1.68	-	102.53	34.06	5.80	34.94
PK	5.588G	60.39	68.20	-7.81	5.05	3	Vertical	202	1.68	-	55.34	34.15	5.79	34.89
PK	5.777G	119.18	Inf	-Inf	4.91	3	Vertical	202	1.68	-	114.27	34.05	5.80	34.94
PK	5.952G	59.37	68.20	-8.83	5.28	3	Vertical	202	1.68	-	54.09	34.40	5.88	35.00

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

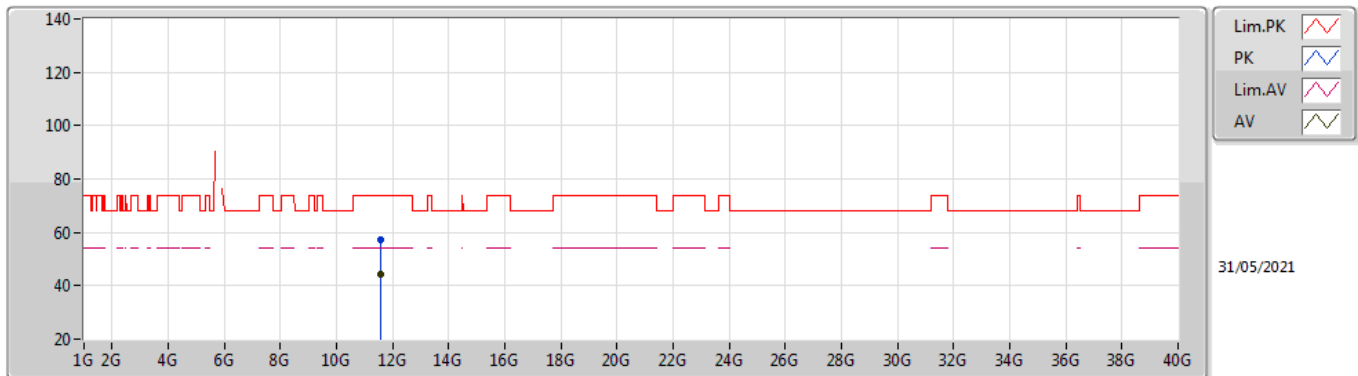
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.777G	104.16	Inf	-Inf	4.91	3	Horizontal	174	1.50	-	99.25	34.05	5.80	34.94
PK	5.591G	59.41	68.20	-8.79	5.05	3	Horizontal	174	1.50	-	54.36	34.14	5.80	34.89
PK	5.789G	117.10	Inf	-Inf	4.93	3	Horizontal	174	1.50	-	112.17	34.08	5.80	34.95
PK	5.952G	58.40	68.20	-9.80	5.28	3	Horizontal	174	1.50	-	53.12	34.40	5.88	35.00

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

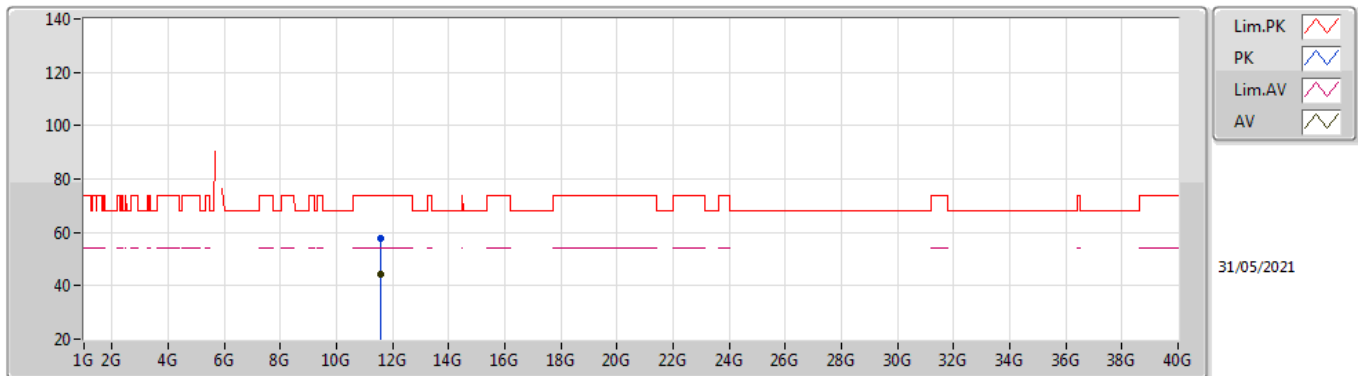
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.57422G	44.06	54.00	-9.94	15.81	3	Vertical	180	1.50	-	28.25	42.22	8.35	34.76
PK	11.56744G	57.34	74.00	-16.66	15.79	3	Vertical	180	1.50	-	41.55	42.20	8.35	34.76

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

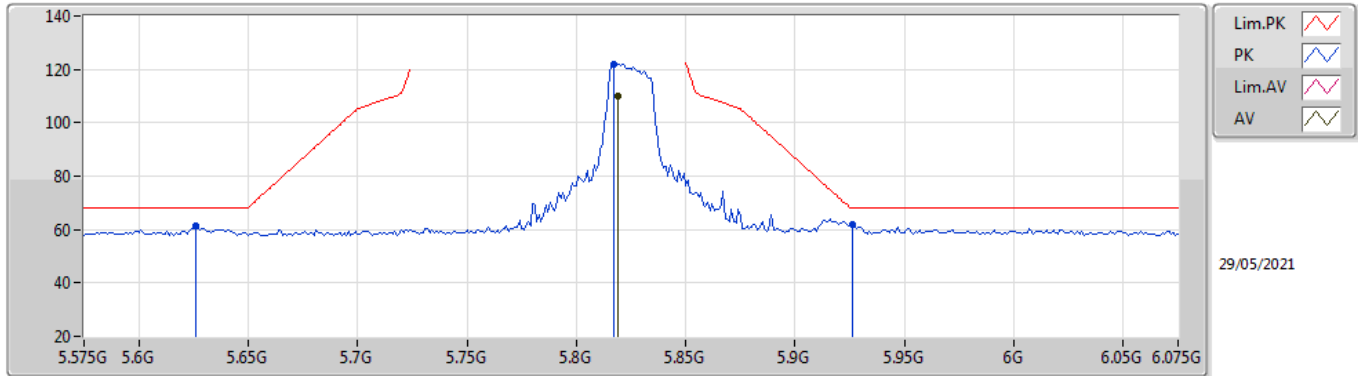
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.57192G	44.24	54.00	-9.76	15.81	3	Horizontal	0	1.73	-	28.43	42.22	8.35	34.76
PK	11.57028G	57.75	74.00	-16.25	15.80	3	Horizontal	0	1.73	-	41.95	42.21	8.35	34.76

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

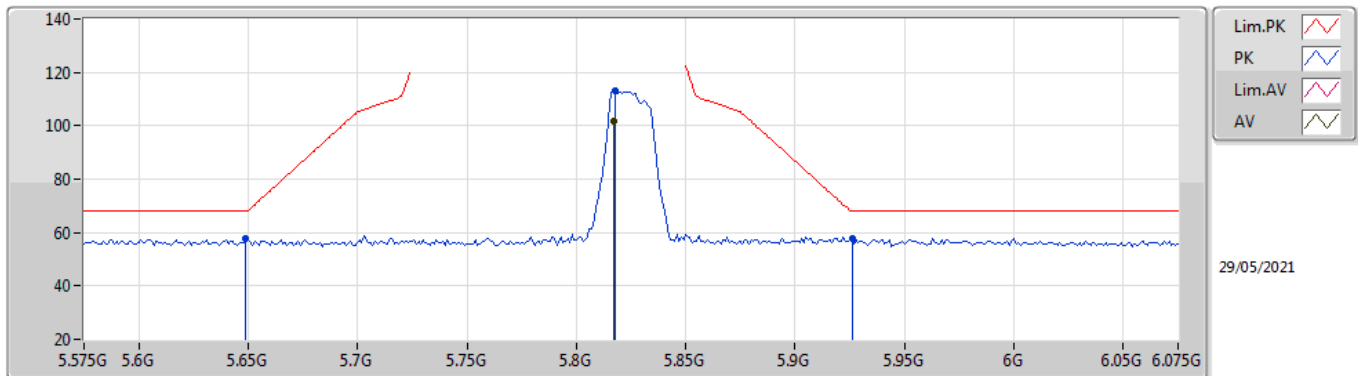
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.819G	110.24	Inf	-Inf	5.03	3	Vertical	173	1.82	-	105.21	34.18	5.81	34.96
PK	5.626G	61.20	68.20	-7.00	5.00	3	Vertical	173	1.82	-	56.20	34.10	5.80	34.90
PK	5.817G	121.95	Inf	-Inf	5.02	3	Vertical	173	1.82	-	116.93	34.17	5.81	34.96
PK	5.926G	62.03	68.20	-6.17	5.27	3	Vertical	173	1.82	-	56.76	34.40	5.86	34.99

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

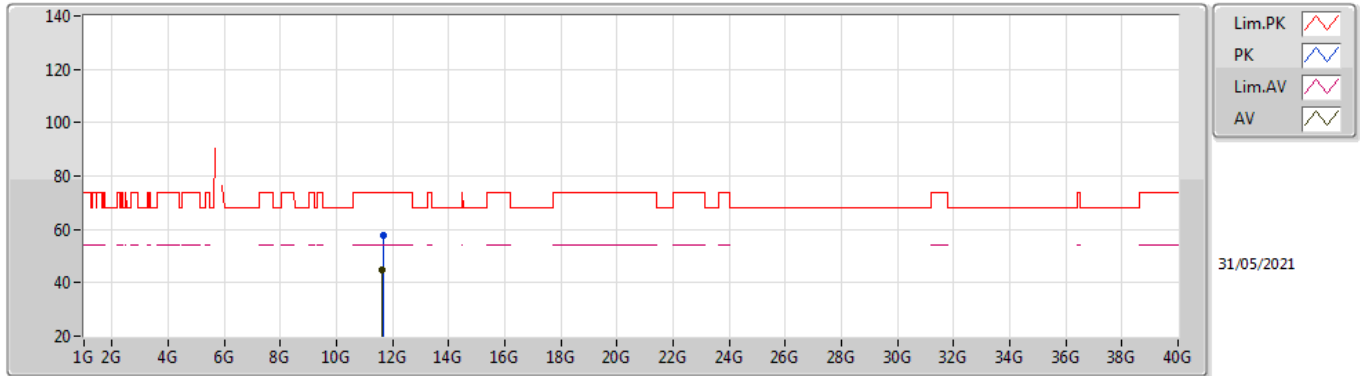
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.817G	101.98	Inf	-Inf	5.02	3	Horizontal	43	1.93	-	96.96	34.17	5.81	34.96
PK	5.649G	57.98	68.20	-10.22	5.00	3	Horizontal	43	1.93	-	52.98	34.10	5.80	34.90
PK	5.818G	113.00	Inf	-Inf	5.02	3	Horizontal	43	1.93	-	107.98	34.17	5.81	34.96
PK	5.926G	57.98	68.20	-10.22	5.27	3	Horizontal	43	1.93	-	52.71	34.40	5.86	34.99

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

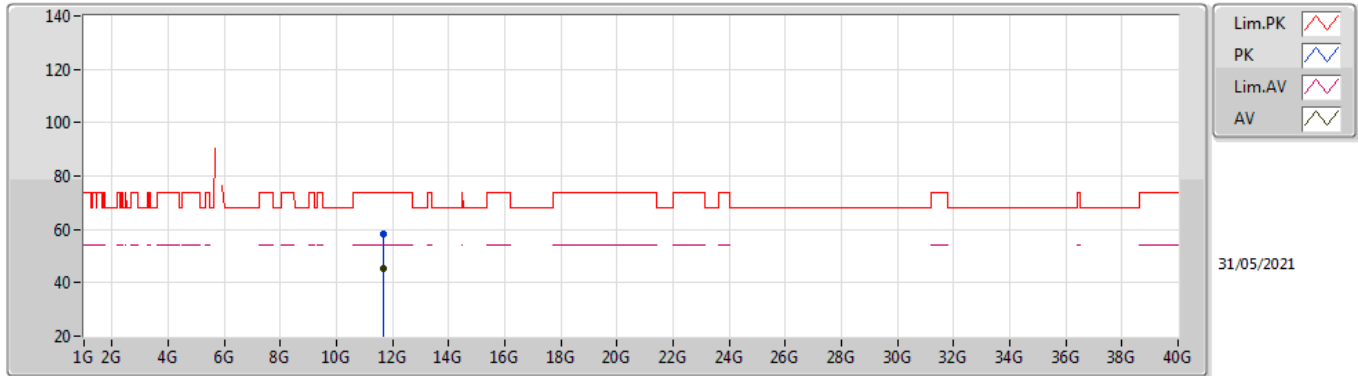
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.64538G	44.60	54.00	-9.40	16.00	3	Vertical	0	1.40	-	28.60	42.39	8.38	34.77
PK	11.6534G	57.61	74.00	-16.39	16.01	3	Vertical	0	1.40	-	41.60	42.41	8.38	34.78

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

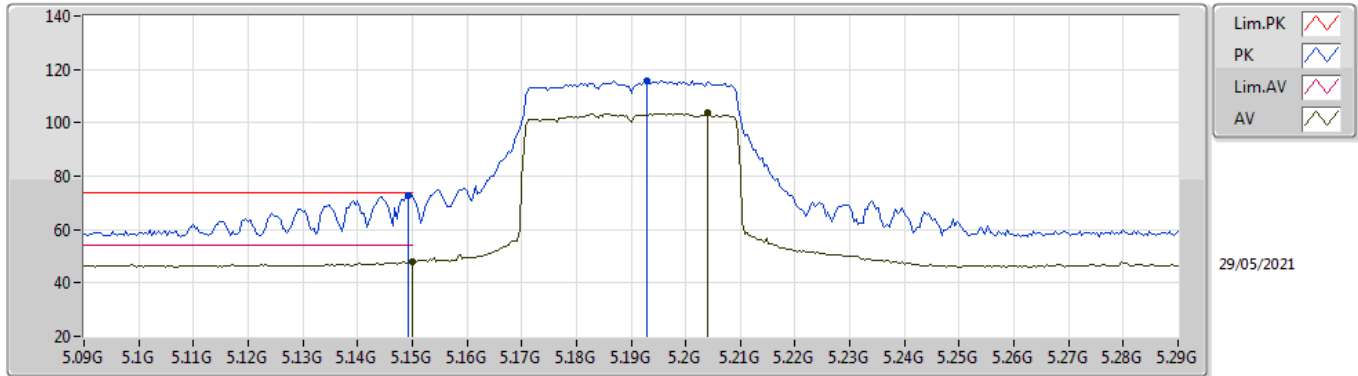
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.64968G	45.27	54.00	-8.73	16.00	3	Horizontal	17	1.50	-	29.27	42.40	8.38	34.78
PK	11.64914G	58.35	74.00	-15.65	16.00	3	Horizontal	17	1.50	-	42.35	42.40	8.38	34.78

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

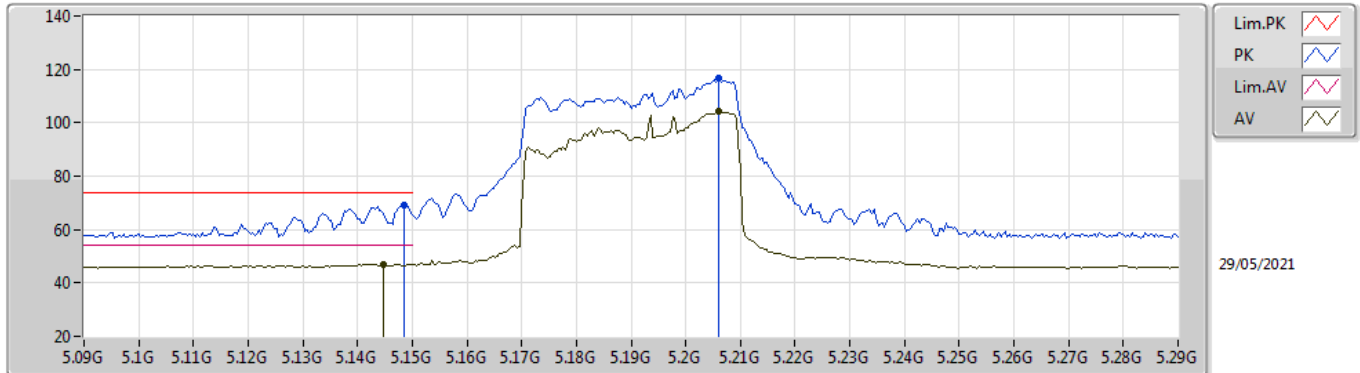
5190MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	47.92	54.00	-6.08	5.15	3	Vertical	207	2.08	-	42.77	34.60	5.47	34.92
AV	5.204G	103.68	Inf	-Inf	5.28	3	Vertical	207	2.08	-	98.40	34.69	5.50	34.91
PK	5.1492G	72.80	74.00	-1.20	5.15	3	Vertical	207	2.08	-	67.65	34.60	5.47	34.92
PK	5.1928G	115.81	Inf	-Inf	5.28	3	Vertical	207	2.08	-	110.53	34.69	5.50	34.91

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

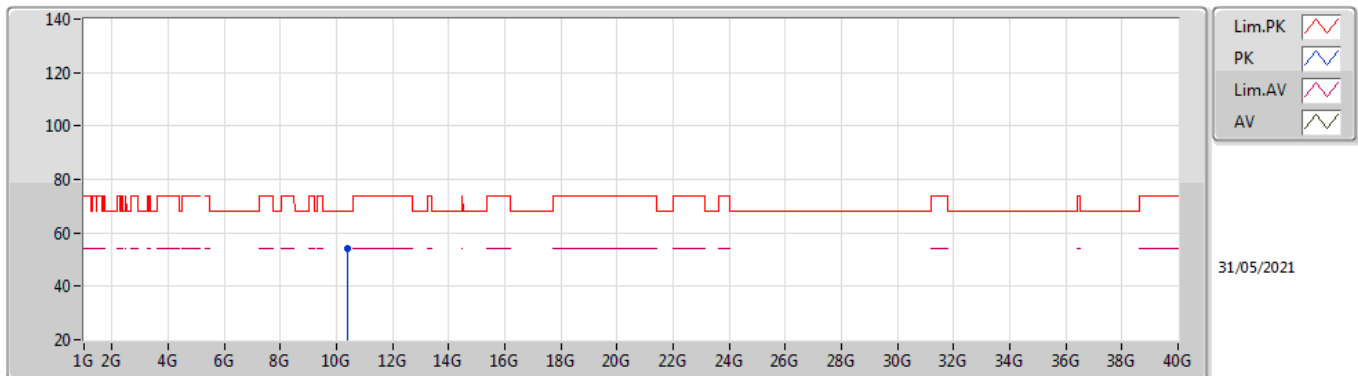
5190MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1448G	47.02	54.00	-6.98	5.13	3	Horizontal	335	1.77	-	41.89	34.58	5.47	34.92
AV	5.206G	104.22	Inf	-Inf	5.29	3	Horizontal	335	1.77	-	98.93	34.69	5.51	34.91
PK	5.1484G	69.36	74.00	-4.64	5.14	3	Horizontal	335	1.77	-	64.22	34.59	5.47	34.92
PK	5.206G	116.86	Inf	-Inf	5.29	3	Horizontal	335	1.77	-	111.57	34.69	5.51	34.91

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

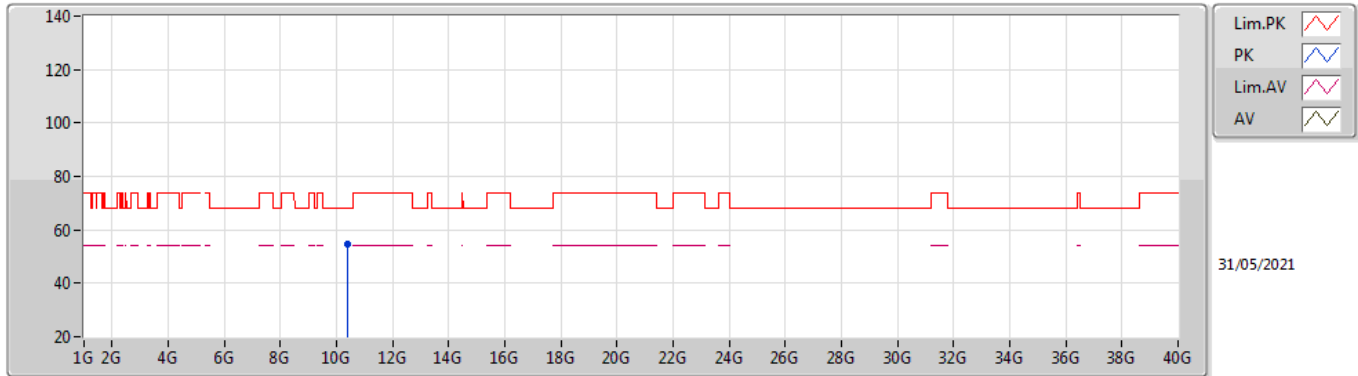
5190MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.37996G	54.39	68.20	-13.81	11.90	3	Vertical	360	1.08	-	42.49	39.18	7.93	35.21

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

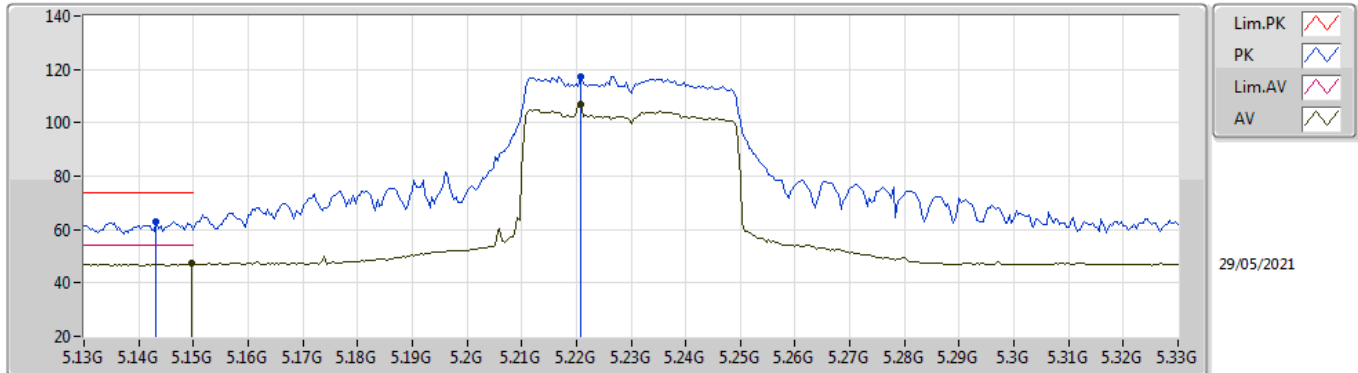
5190MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.37816G	54.66	68.20	-13.54	11.89	3	Horizontal	330	1.50	-	42.77	39.18	7.93	35.22

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

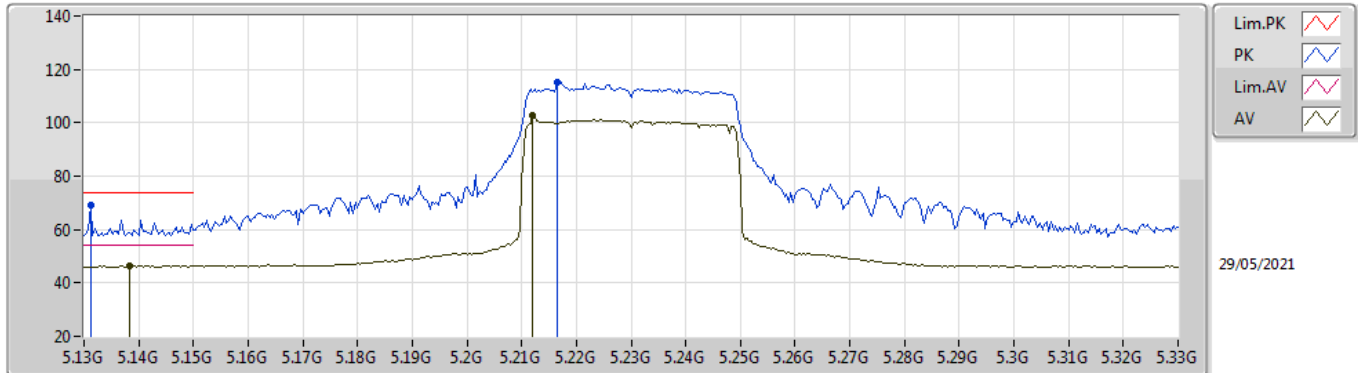
5230MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1496G	47.22	54.00	-6.78	5.15	3	Vertical	210	1.46	-	42.07	34.60	5.47	34.92
AV	5.2208G	106.87	Inf	-Inf	5.28	3	Vertical	210	1.46	-	101.59	34.66	5.52	34.90
PK	5.1432G	63.17	74.00	-10.83	5.12	3	Vertical	210	1.46	-	58.05	34.57	5.47	34.92
PK	5.2208G	117.49	Inf	-Inf	5.28	3	Vertical	210	1.46	-	112.21	34.66	5.52	34.90

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

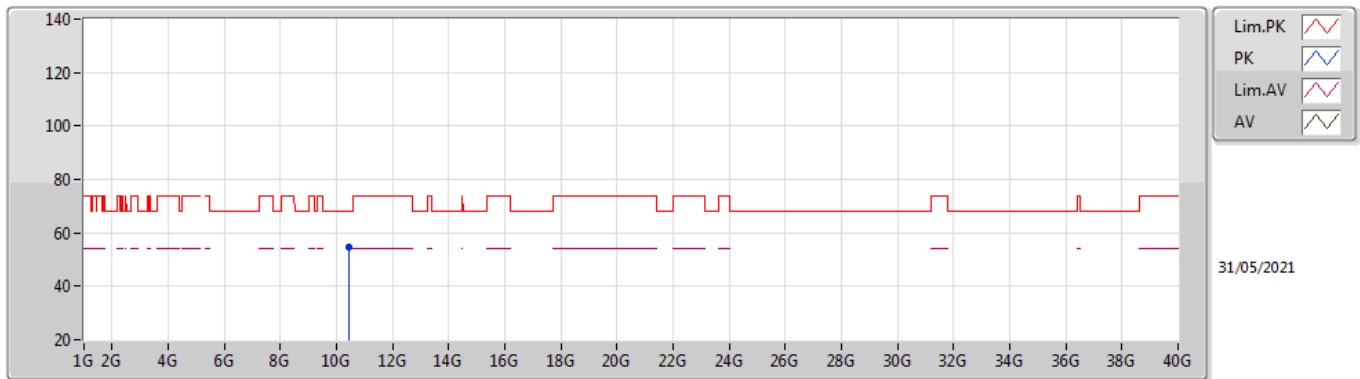
5230MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1384G	46.41	54.00	-7.59	5.10	3	Horizontal	126	1.50	-	41.31	34.55	5.47	34.92
AV	5.212G	102.68	Inf	-Inf	5.28	3	Horizontal	126	1.50	-	97.40	34.68	5.51	34.91
PK	5.1312G	69.16	74.00	-4.84	5.07	3	Horizontal	126	1.50	-	64.09	34.52	5.47	34.92
PK	5.2164G	115.18	Inf	-Inf	5.28	3	Horizontal	126	1.50	-	109.90	34.67	5.52	34.91

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

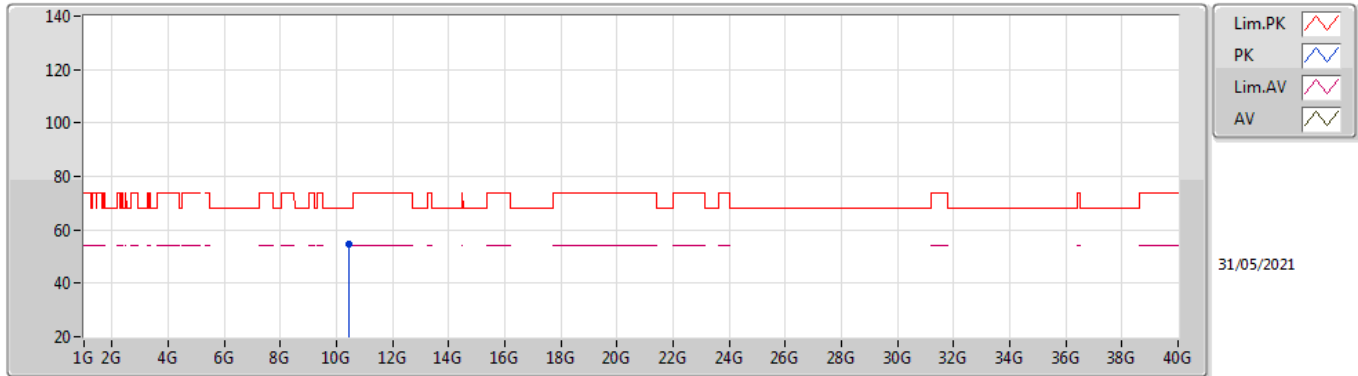
5230MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.45993G	54.48	68.20	-13.72	12.16	3	Vertical	360	2.55	-	42.32	39.32	7.96	35.12

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

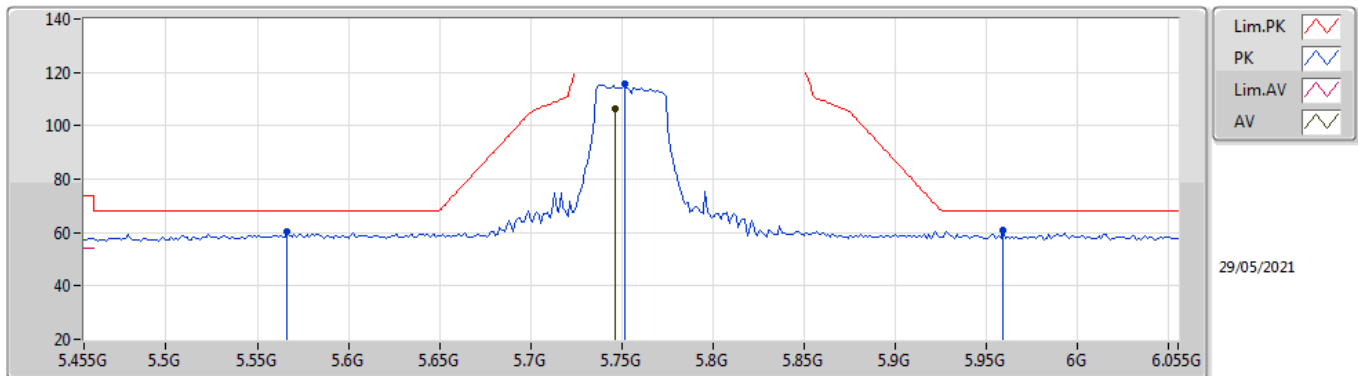
5230MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.46093G	54.49	68.20	-13.71	12.16	3	Horizontal	334	1.50	-	42.33	39.32	7.96	35.12

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

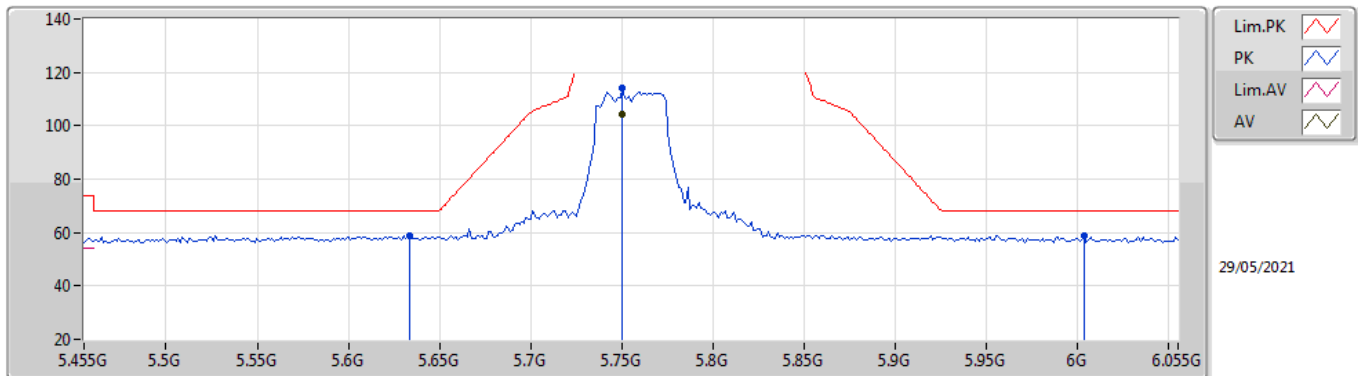
5755MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7466G	106.14	Inf	-Inf	4.87	3	Vertical	161	2.04	-	101.27	34.00	5.80	34.93
PK	5.5666G	60.09	68.20	-8.11	5.13	3	Vertical	161	2.04	-	54.96	34.23	5.78	34.88
PK	5.7514G	115.93	Inf	-Inf	4.86	3	Vertical	161	2.04	-	111.07	34.00	5.80	34.94
PK	5.959G	60.95	68.20	-7.25	5.30	3	Vertical	161	2.04	-	55.65	34.42	5.88	35.00

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

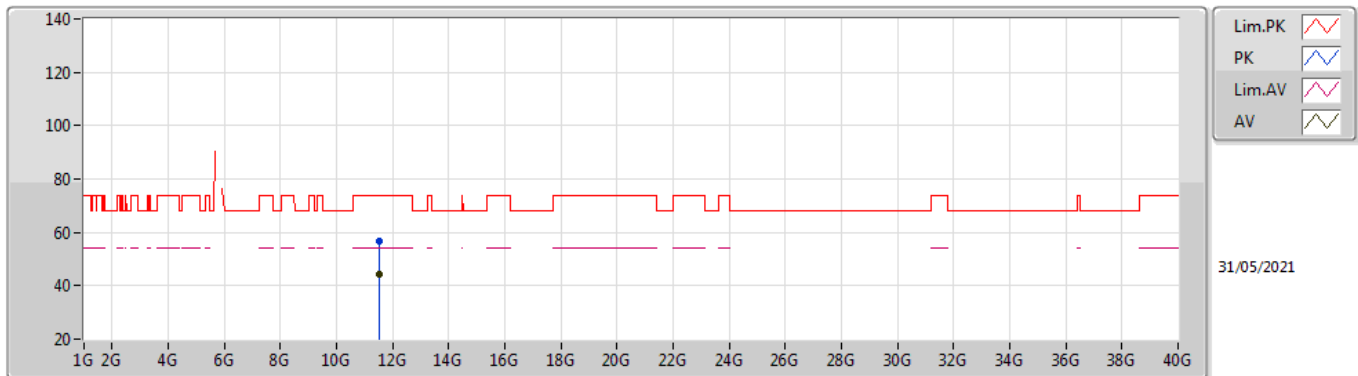
5755MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7502G	104.39	Inf	-Inf	4.86	3	Horizontal	47	1.86	-	99.53	34.00	5.80	34.94
PK	5.6338G	59.02	68.20	-9.18	5.00	3	Horizontal	47	1.86	-	54.02	34.10	5.80	34.90
PK	5.7502G	114.02	Inf	-Inf	4.86	3	Horizontal	47	1.86	-	109.16	34.00	5.80	34.94
PK	6.0034G	58.89	68.20	-9.31	5.39	3	Horizontal	47	1.86	-	53.50	34.50	5.90	35.01

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

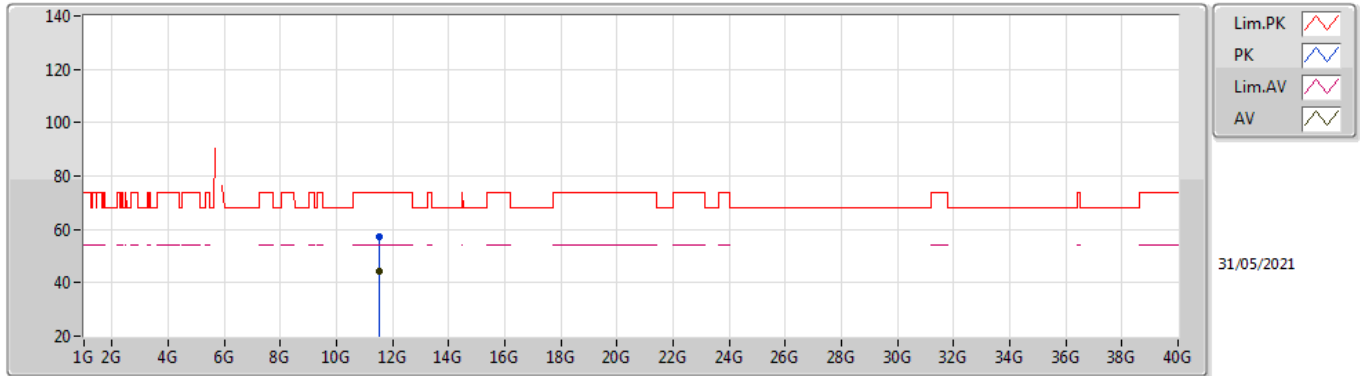
5755MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.51202G	44.24	54.00	-9.76	15.63	3	Vertical	349	1.52	-	28.61	42.04	8.33	34.74
PK	11.51135G	56.77	74.00	-17.23	15.62	3	Vertical	349	1.52	-	41.15	42.03	8.33	34.74

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

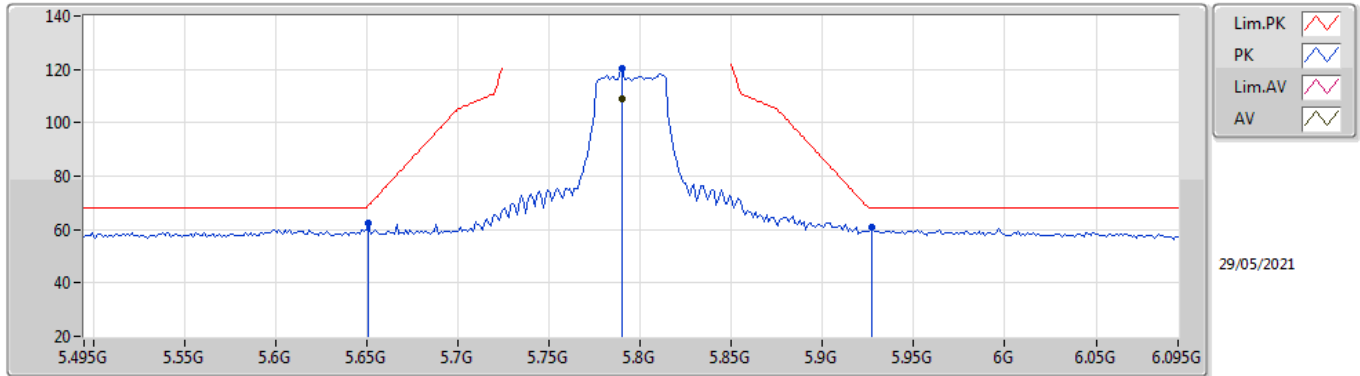
5755MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.51026G	44.30	54.00	-9.70	15.62	3	Horizontal	1	1.48	-	28.68	42.03	8.33	34.74
PK	11.51236G	57.38	74.00	-16.62	15.63	3	Horizontal	1	1.48	-	41.75	42.04	8.33	34.74

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

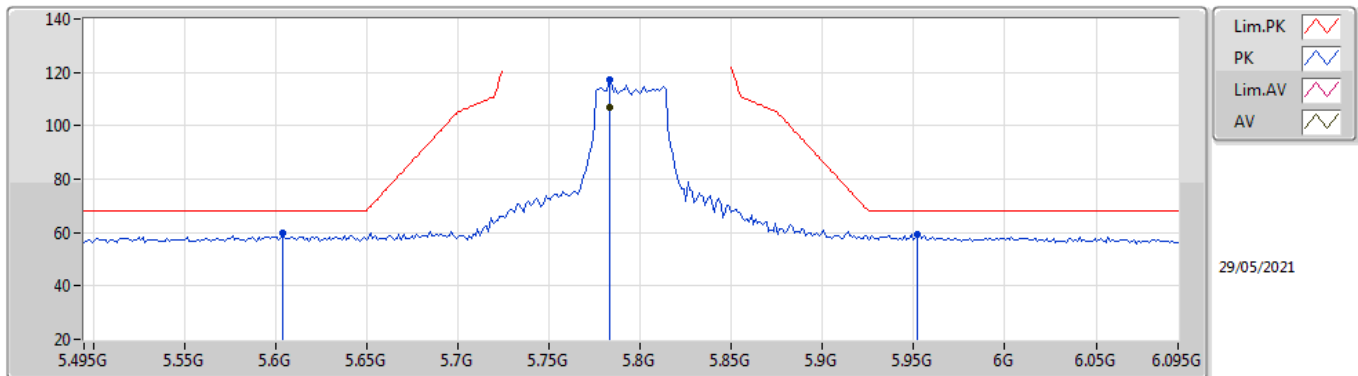
5795MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7902G	104.18	Inf	-Inf	4.93	3	Vertical	193	1.92	-	104.25	34.08	5.80	34.95
PK	5.651G	62.29	68.94	-6.65	4.99	3	Vertical	193	1.92	-	57.30	34.10	5.80	34.91
PK	5.7902G	120.17	Inf	-Inf	4.93	3	Vertical	193	1.92	-	115.24	34.08	5.80	34.95
PK	5.927G	60.85	68.20	-7.35	5.27	3	Vertical	193	1.92	-	55.58	34.40	5.86	34.99

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

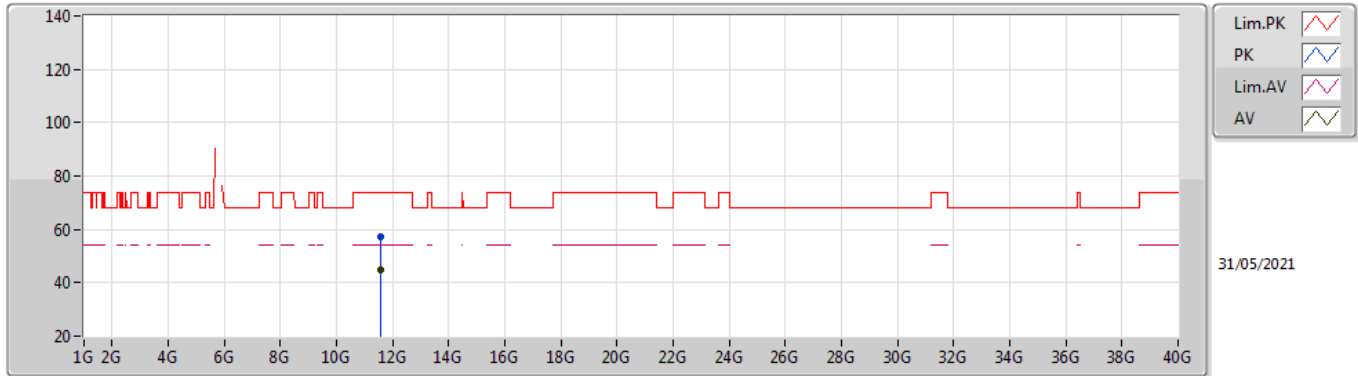
5795MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.783G	107.07	Inf	-Inf	4.93	3	Horizontal	304	1.92	-	102.14	34.07	5.80	34.94
PK	5.6042G	59.57	68.20	-8.63	5.01	3	Horizontal	304	1.92	-	54.56	34.10	5.80	34.89
PK	5.783G	117.43	Inf	-Inf	4.93	3	Horizontal	304	1.92	-	112.50	34.07	5.80	34.94
PK	5.9522G	59.24	68.20	-8.96	5.28	3	Horizontal	304	1.92	-	53.96	34.40	5.88	35.00

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

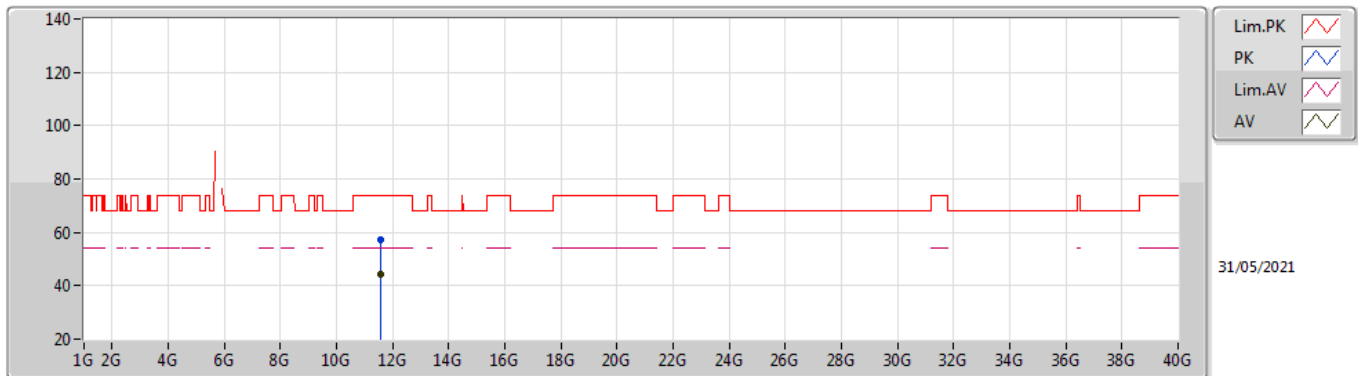
5795MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.59009G	44.63	54.00	-9.37	15.87	3	Vertical	10	1.50	-	28.76	42.27	8.36	34.76
PK	11.58774G	57.45	74.00	-16.55	15.86	3	Vertical	10	1.50	-	41.59	42.26	8.36	34.76

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

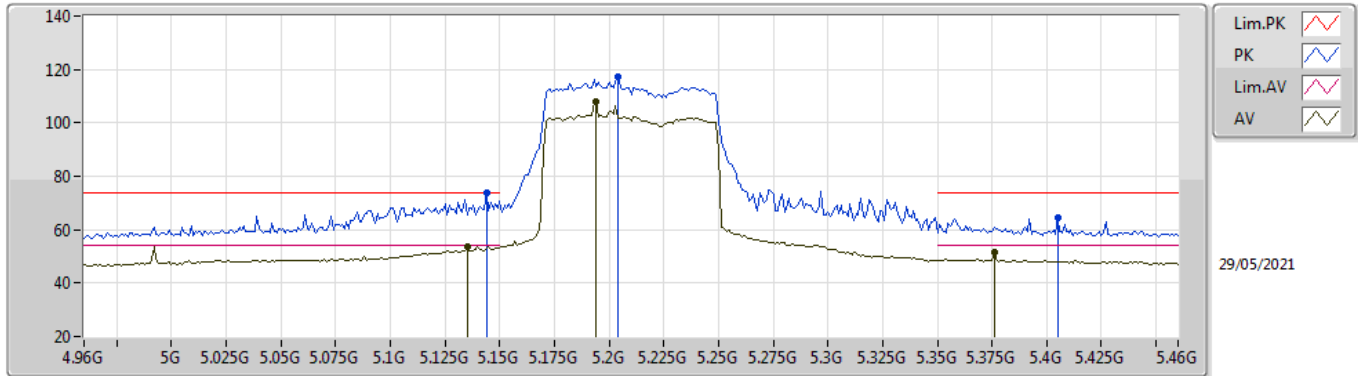
5795MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.5899G	44.45	54.00	-9.55	15.87	3	Horizontal	0	1.43	-	28.58	42.27	8.36	34.76
PK	11.5895G	57.46	74.00	-16.54	15.87	3	Horizontal	0	1.43	-	41.59	42.27	8.36	34.76

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

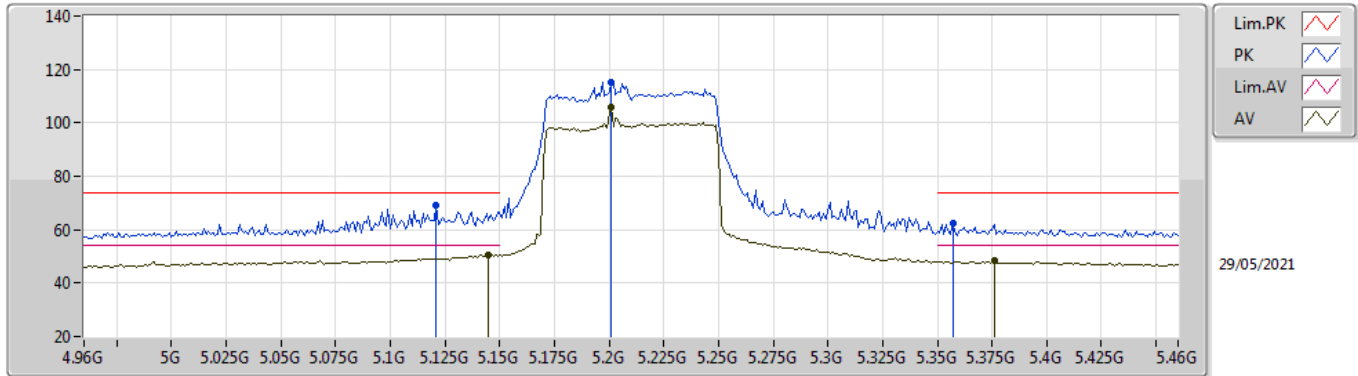
5210MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.135G	53.66	54.00	-0.34	5.09	3	Vertical	207	1.81	-	48.57	34.54	5.47	34.92
AV	5.194G	108.11	Inf	-Inf	5.28	3	Vertical	207	1.81	-	102.83	34.69	5.50	34.91
AV	5.376G	51.67	54.00	-2.33	5.40	3	Vertical	207	1.81	-	46.27	34.60	5.68	34.88
PK	5.144G	73.62	74.00	-0.38	5.13	3	Vertical	207	1.81	-	68.49	34.58	5.47	34.92
PK	5.204G	117.46	Inf	-Inf	5.28	3	Vertical	207	1.81	-	112.18	34.69	5.50	34.91
PK	5.405G	64.41	74.00	-9.59	5.40	3	Vertical	207	1.81	-	59.01	34.58	5.70	34.88

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

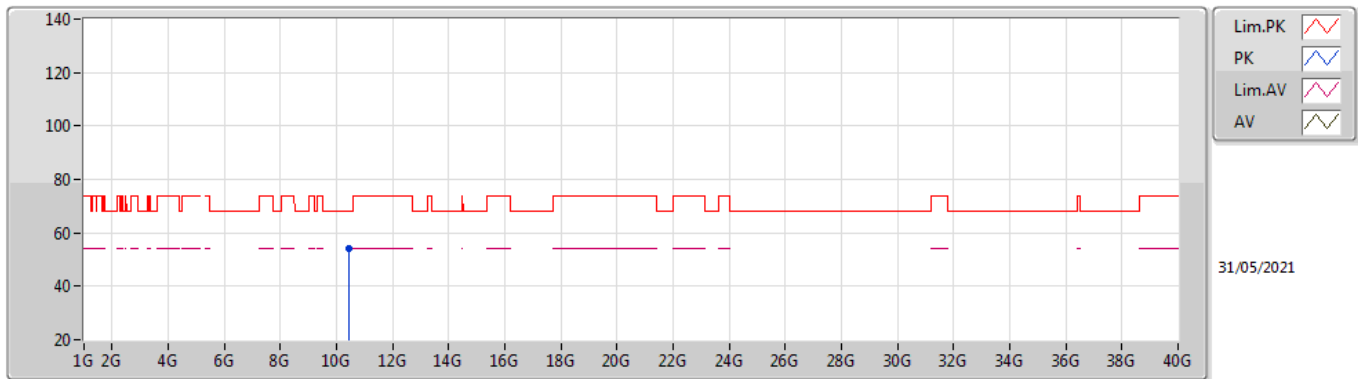
5210MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.145G	50.61	54.00	-3.39	5.13	3	Horizontal	24	1.62	-	45.48	34.58	5.47	34.92
AV	5.201G	105.83	Inf	-Inf	5.29	3	Horizontal	24	1.62	-	100.54	34.70	5.50	34.91
AV	5.376G	48.55	54.00	-5.45	5.40	3	Horizontal	24	1.62	-	43.15	34.60	5.68	34.88
PK	5.121G	68.93	74.00	-5.07	5.02	3	Horizontal	24	1.62	-	63.91	34.48	5.46	34.92
PK	5.201G	115.28	Inf	-Inf	5.29	3	Horizontal	24	1.62	-	109.99	34.70	5.50	34.91
PK	5.357G	62.28	74.00	-11.72	5.38	3	Horizontal	24	1.62	-	56.90	34.60	5.66	34.88

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

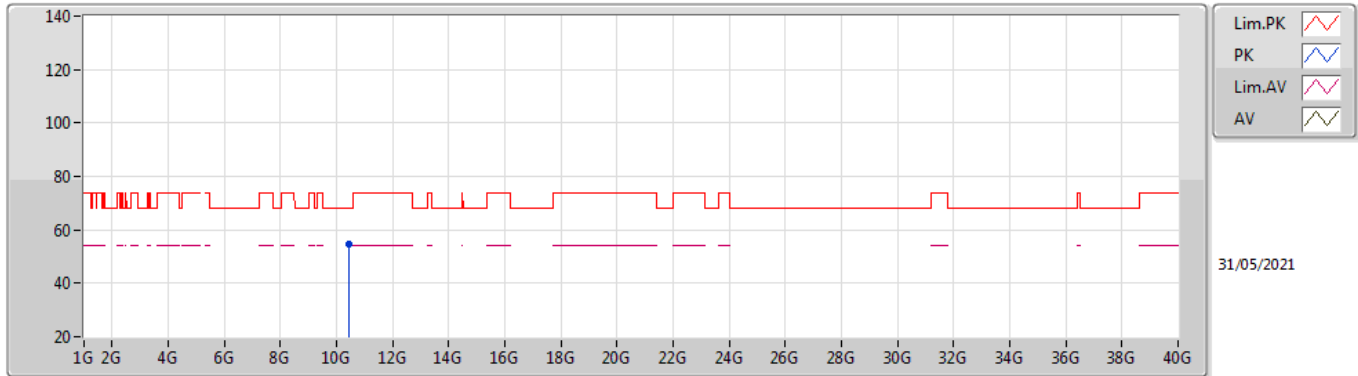
5210MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.42023G	53.97	68.20	-14.23	12.02	3	Vertical	0	1.50	-	41.95	39.24	7.95	35.17

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

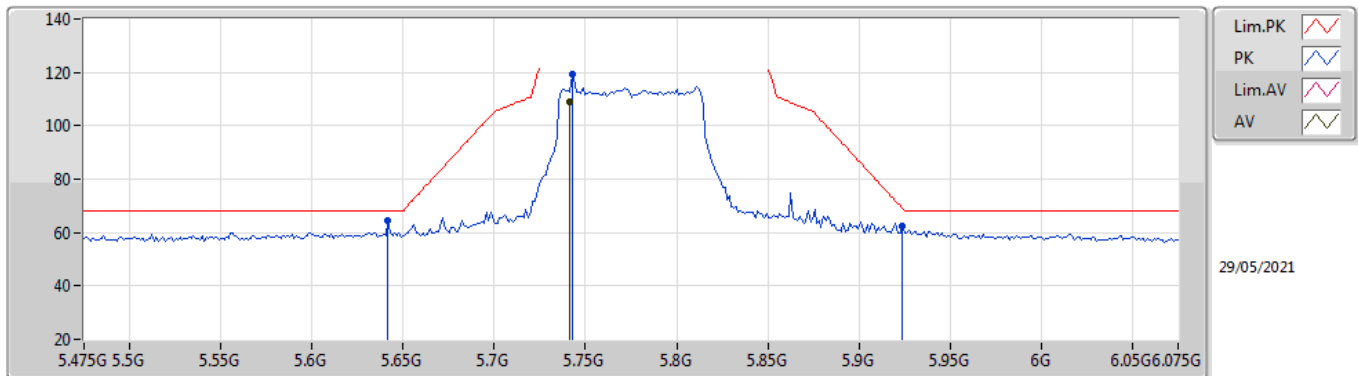
5210MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.42013G	54.71	68.20	-13.49	12.02	3	Horizontal	337	1.50	-	42.69	39.24	7.95	35.17

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

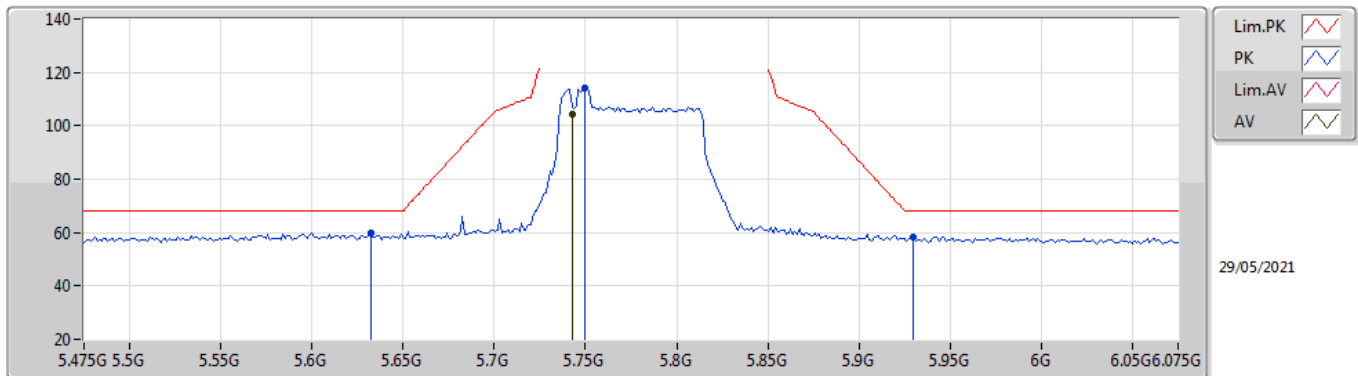
5775MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7414G	108.87	Inf	-Inf	4.87	3	Vertical	190	1.88	-	104.00	34.00	5.80	34.93
PK	5.6418G	64.58	68.20	-3.62	5.00	3	Vertical	190	1.88	-	59.58	34.10	5.80	34.90
PK	5.7426G	119.26	Inf	-Inf	4.87	3	Vertical	190	1.88	-	114.39	34.00	5.80	34.93
PK	5.9238G	62.29	69.09	-6.80	5.27	3	Vertical	190	1.88	-	57.02	34.40	5.86	34.99

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

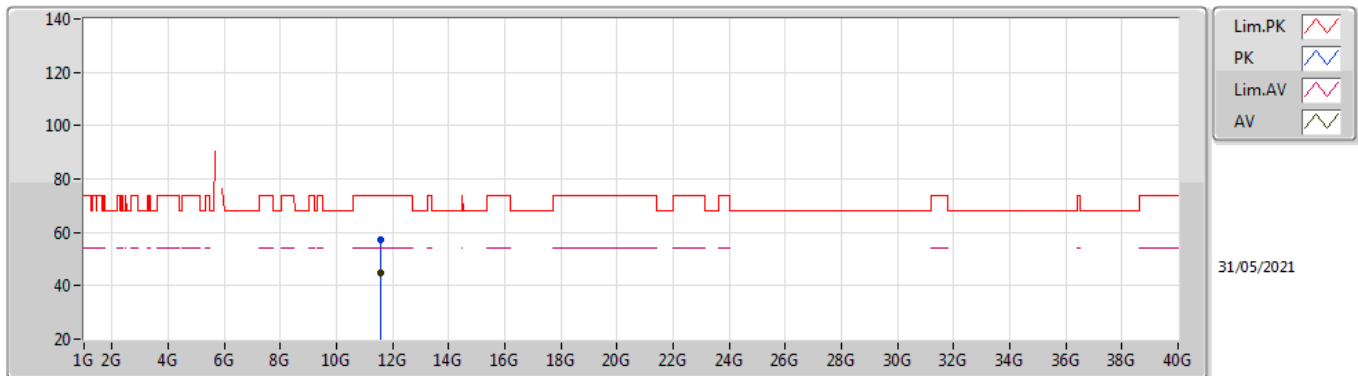
5775MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7426G	104.23	Inf	-Inf	4.87	3	Horizontal	179	1.50	-	99.36	34.00	5.80	34.93
PK	5.6322G	59.63	68.20	-8.57	5.00	3	Horizontal	179	1.50	-	54.63	34.10	5.80	34.90
PK	5.7498G	114.20	Inf	-Inf	4.87	3	Horizontal	179	1.50	-	109.33	34.00	5.80	34.93
PK	5.9298G	58.29	68.20	-9.91	5.27	3	Horizontal	179	1.50	-	53.02	34.40	5.86	34.99

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

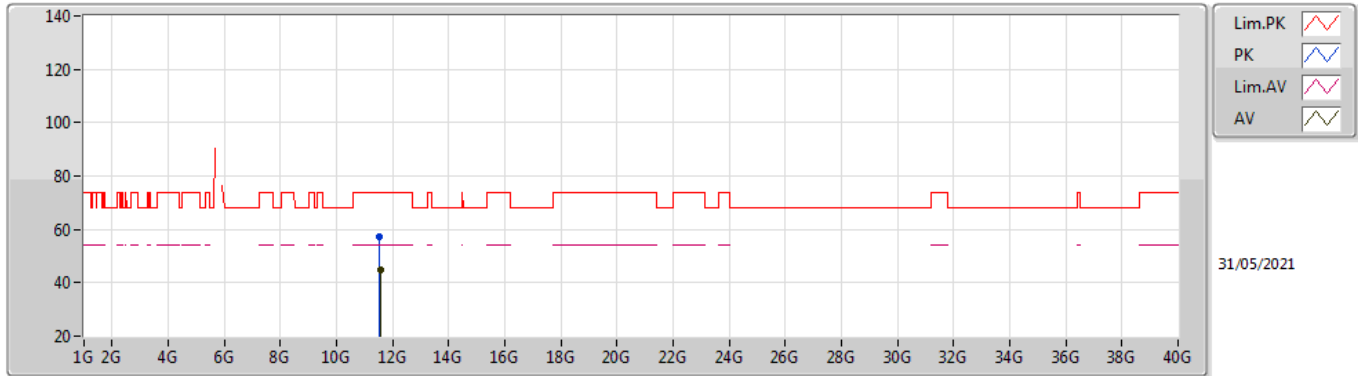
5775MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.5498G	44.97	54.00	-9.03	15.74	3	Vertical	360	2.20	-	29.23	42.15	8.34	34.75
PK	11.54977G	57.49	74.00	-16.51	15.74	3	Vertical	360	2.20	-	41.75	42.15	8.34	34.75

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

5775MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.54987G	44.92	54.00	-9.08	15.74	3	Horizontal	94	1.50	-	29.18	42.15	8.34	34.75
PK	11.5491G	57.01	74.00	-16.99	15.74	3	Horizontal	94	1.50	-	41.27	42.15	8.34	34.75