

FCC Radio Test Report

FCC ID : 2AXZJ-CTX0710W3
Equipment : Telematics Control Unit
Brand Name : Lucid USA, Inc
Model Name : P11-K290G0-02
Applicant : Lucid USA, Inc
Lucid Motors, Inc 7373 Gateway Blvd,
Newark, California, United States, 94560
Manufacturer : Lucid USA, Inc
Lucid Motors, Inc 7373 Gateway Blvd,
Newark, California, United States, 94560
Standard : 47 CFR FCC Part 15.407

The product was received on Jan. 17, 2023, and testing was started from Feb. 08, 2023 and completed on Mar. 10, 2023. 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: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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



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TEL : 886-3-3273456
FAX : 886-3-3270973
Report Template No.: HE1-D1 Ver4.5
FCC ID: 2AXZJ-CTX0710W3

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
-	15.207	AC Power-line Conducted Emissions	PASS	Only employ battery power.
3.1	15.407(a)	Emission Bandwidth	PASS	-
3.2	15.407(a)	Maximum Conducted Output Power	PASS	-
3.3	15.407(a)	Peak Power Spectral Density	PASS	-
3.4	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: Ryan Hsiao

Report Producer: Ann Hou

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
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]

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	1TX(Port 2)
5.725-5.85GHz	802.11a	20	1TX(Port 2)
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

Note:

- ♦ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40, VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ HEW20, HEW40, HEW80 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector
1	Amphenol	P11-J67E00-02	FPC	FARKA
2	Amphenol	P11-J67200-02	FPC	FARKA
3	nextium	P11-J44000-00	FPC	FARKA
4	nextium	P11-J44100-00	FPC	FARKA

Ant.	Port	2.4G Gain (dBi)						Remark (Note. 1)
		2400	2420	2440	2460	2480	2500	
1	1	3.1	3.0	2.8	2.9	3.0	3.5	w/o cable
		0.6	0.5	0.3	0.4	0.5	1.0	with cable

Ant.	Port	5G Gain (dBi)				Remark (Note. 2)
		5150	5250	5750	5850	
1	1	1.5	2.2	4.1	4.3	w/o cable
		-1.8	-1.1	0.7	0.9	with cable
2	2	1.7	2.3	3.9	4.1	w/o cable
		-1.6	-1.0	0.5	0.7	with cable

Ant.	Port	WWAN 2G/3G Gain (dBi)					Remark (Note. 3)
		GSM 850	PCS 1900	WCDMA Band 2	WCDMA Band 4	WCDMA Band 5	
3~4	1~2	1.0	4.5	4.5	4.5	1.0	w/o cable
		-0.2	2.7	2.7	2.7	-0.2	with cable

Ant.	Port	WWAN 4G Gain (dBi)						Remark (Note. 3)
		LTE Band 2	LTE Band 4/66	LTE Band 5	LTE Band 7	LTE Band 12	LTE Band 13	
3~4	1~2	4.5	4.5	1.0	5.7	1.0	1.0	w/o cable
		2.7	2.7	-0.2	2.7	-0.2	-0.2	with cable

Note 1: WLAN 2.4G cable loss = 2.5 dB.

Note 2: WLAN 5GHz Band 1 cable loss = 3.3 dB, and 5GHz Band 4 cable loss = 3.4 dB.

Note 3: WWAN cable loss = 1.2 dB (GSM 850, FDD V, LTE Band 5, 12, 13)

WWAN cable loss = 1.8 dB (PCS 1900, FDD II, FDD IV, LTE Band 2, 4/66)

WWAN cable loss = 3.0 dB (LTE Band 7).

Note 4: The EUT has four antennas.

**For 2.4GHz function:**

For IEEE 802.11 b/g/n/VHT/ax mode (1TX/1RX)

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

For 5GHz function:

For IEEE 802.11 a mode (1TX/1RX)

Support diversity function and pre-tested on each single chain, the worst case was Ant. 2(port 2) and it was recored in this test report.

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

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

For WWAN 2G function (1TX/1RX):

Ant. 3 (port 1) could transmit/receive.

For WWAN 3G/4G function (1TX/2RX):

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

1.1.3 EUT Information

Operational Condition			
EUT Power Type	From DC Power Supply		
EUT Function	☒	Outdoor AP	☐ Indoor AP
	☐	Fixed P2P AP	☐ Client
Beamforming Function	☐	With beamforming	☒ Without beamforming
Resource Unit(802.11ax)	☒	Full RU	☐ Partial RU
Type of EUT			
☒	Stand-alone		
☐	Combined (EUT where the radio part is fully integrated within another device)		
	Combined Equipment - Brand Name / Model No.: ...		
☐	Plug-in radio (EUT intended for a variety of host systems)		
	Host System - Brand Name / Model No.:		
☐	Other:		

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_1TX(Port2)	0.99	0.04	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW20_Nss1,(MCS0)_2TX	0.985	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40_Nss1,(MCS0)_2TX	0.975	0.11	552.187u	3k
802.11ax HEW80_Nss1,(MCS0)_2TX	0.951	0.22	294.375u	10k

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				
☒ 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
RF Conducted	TH07-HY	Xie Xun	23.1~24.5°C / 50~55%	08/Feb/2023~16/Feb/2023
Radiated above 1G	03CH02-HY	Ivan Chung	20.5~26.6°C / 52~64%	15/Feb/2023~16/Feb/2023
☒ 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 below 1G	03CH09-HY	Henry Ho	21.3~22.8°C / 51~62%	10/Feb/2023
Radiated-Co-location	03CH09-HY	Jack Tang	21.0~21.5°C / 56~60%	10/Mar/2023

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
Emission Bandwidth	3 MHz	Confidence levels of 95%
Maximum Conducted Output Power	2 dB	Confidence levels of 95%
Power Spectral Density	2 dB	Confidence levels of 95%
Unwanted Emissions	4.8 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

Test Software Version	PuTTY Release 0.72
Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX(Port2)	-
5180MHz	19
5200MHz	21
5240MHz	20
5745MHz	22
5785MHz	22
5825MHz	22
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5180MHz	17
5200MHz	20
5240MHz	20
5745MHz	21
5785MHz	21
5825MHz	22
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5190MHz	15
5230MHz	19.5
5755MHz	21
5795MHz	22
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5210MHz	13
5775MHz	21

2.2 The Worst Case Measurement Configuration

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	DC Power Supply mode
Operating Mode > 1GHz	CTX
Orthogonal Planes of EUT	Z Plane
	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	WLAN 2.4G +WWAN
2	WLAN 5G + WWAN
Refer to Sporton Test Report No.: FA152404-03 for Co-location RF Exposure Evaluation and Appendix E for Radiated Emission Co-location.	

2.3 Accessories

Accessories		
DC Power Cable	Signal Line	2.0 meter, non-shielded cable, w/o ferrite core
APTIV Cable	Signal Line	2.0 meter, shielded cable, w/o ferrite core
Antenna Cable (WiFi*2)	Signal Line	2.5 meter, shielded cable, w/o ferrite core
Antenna Cable (LTE L & R)	Signal Line	2.5 meter, shielded cable, w/o ferrite core
GPS Cable	Signal Line	2.0 meter, shielded cable, w/o ferrite core

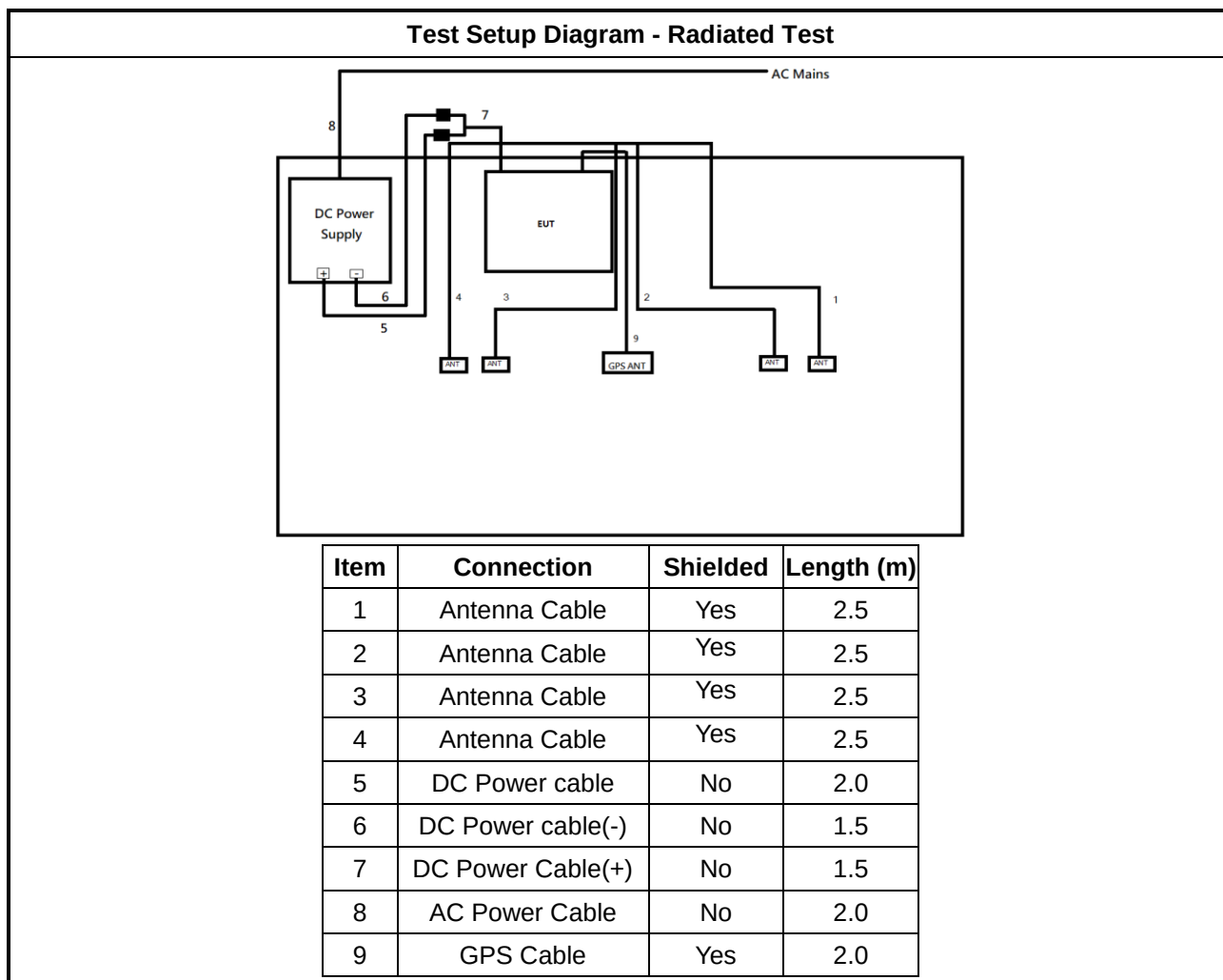
Reminder: Regarding to more detail and other information, please refer to user manual.

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	-	-
3	DC Power Supply	GW	GPS-3030DD	-	-

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	DC power supply	GW	GPS-3030DD	-	-
2	DC Power cable(+)	MiSUMi	WTN1229-RAD	-	-
3	DC Power cable(-)	MiSUMi	WTN1229-BLACK	-	-

2.5 Test Setup Diagram



3 Transmitter Test Result

3.1 Emission Bandwidth

3.1.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band, N/A
☐	For the 5.25-5.35 GHz band, N/A
☐	For the 5.47-5.725 GHz band, N/A
☒	For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq$ 500kHz.

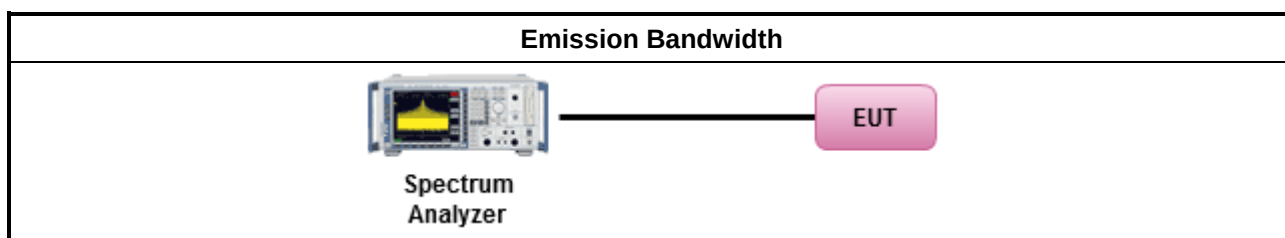
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method	
For the emission bandwidth shall be measured using one of the options below:	
☒	Refer as KDB 789033, clause C for EBW and clause D for OBW measurement.
☐	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.
☐	Refer as IC RSS-Gen, clause 6.7 for bandwidth testing.

3.1.4 Test Setup



3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A

3.2 Maximum Conducted Output Power

3.2.1 Maximum Conducted Output Power Limit

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

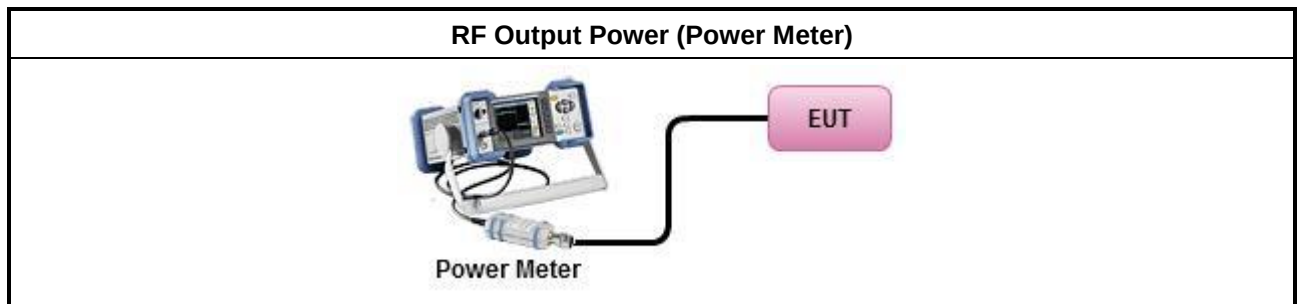
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Refer as Appendix B

3.3 Peak Power Spectral Density

3.3.1 Peak Power Spectral Density Limit

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

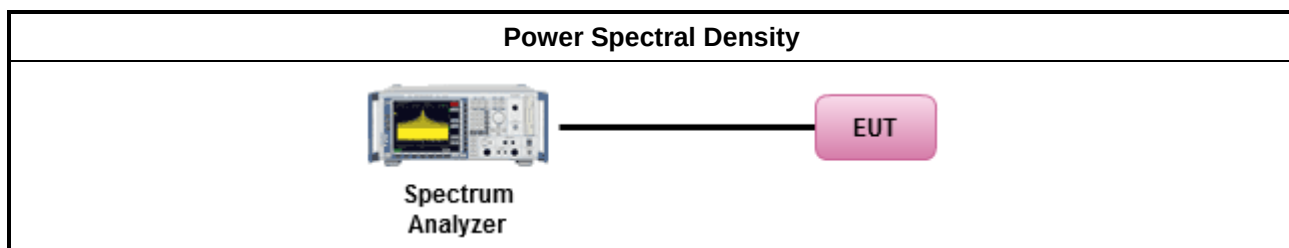
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
☐ Refer as KDB 789033, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth Duty cycle ≥ 98%	
☒ Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging). Duty cycle < 98%	
☒ Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)	
For conducted measurement.	
If the EUT supports multiple transmit chains using options given below:	
Measure and sum the spectra across the outputs. Refer as KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.	
If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	

3.3.4 Test Setup



3.3.5 Test Result of Peak Power Spectral Density

Refer as Appendix C

3.4 Unwanted Emissions

3.4.1 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).

3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

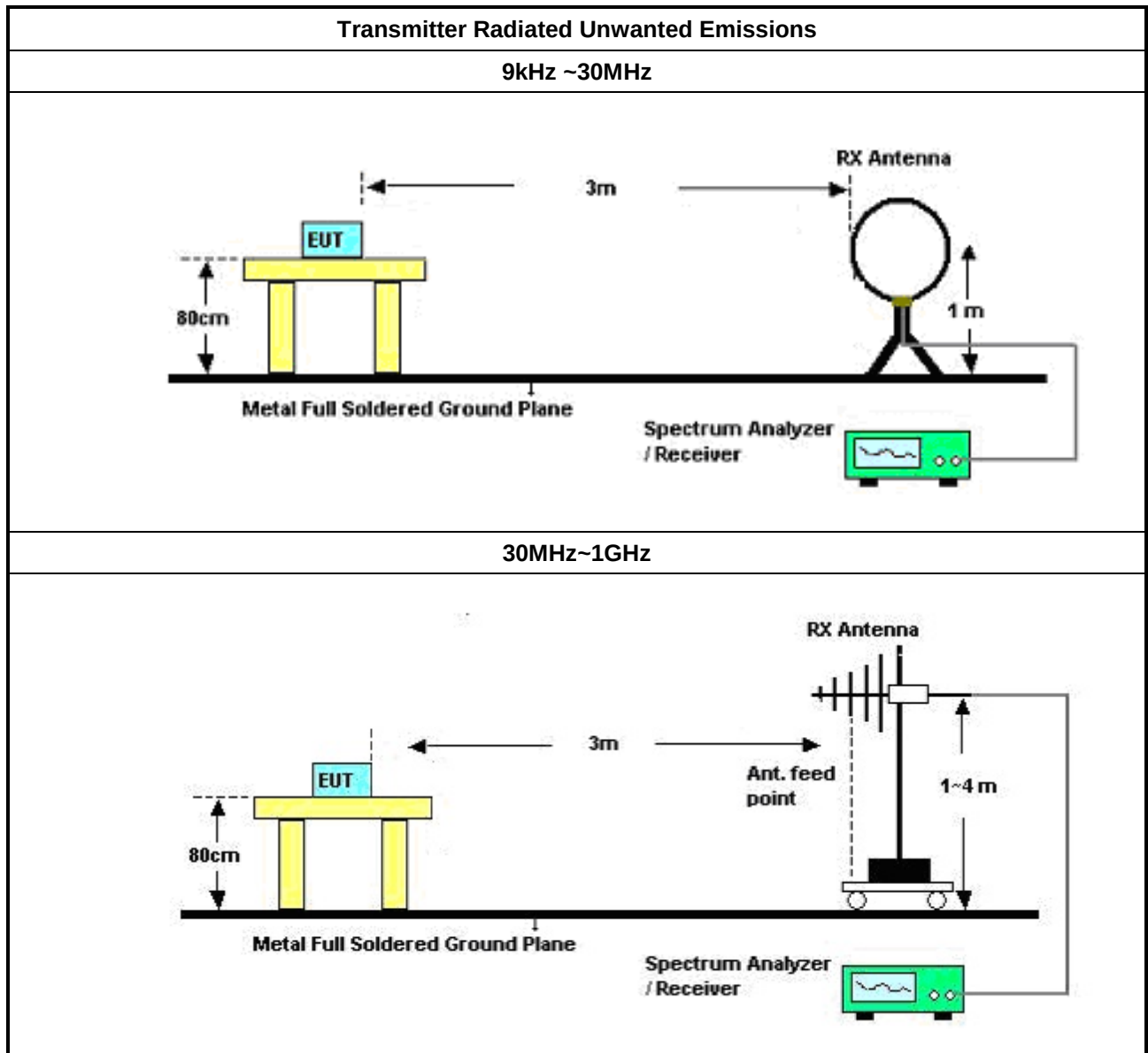
Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.
☒	Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW.
☒	Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.4.2.2), measurement procedure peak limit.
For radiated measurement.	
	Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
The any unwanted emissions level shall not exceed the fundamental emission level.	
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.	
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.	
	Based on FCC 15.31(f)(2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

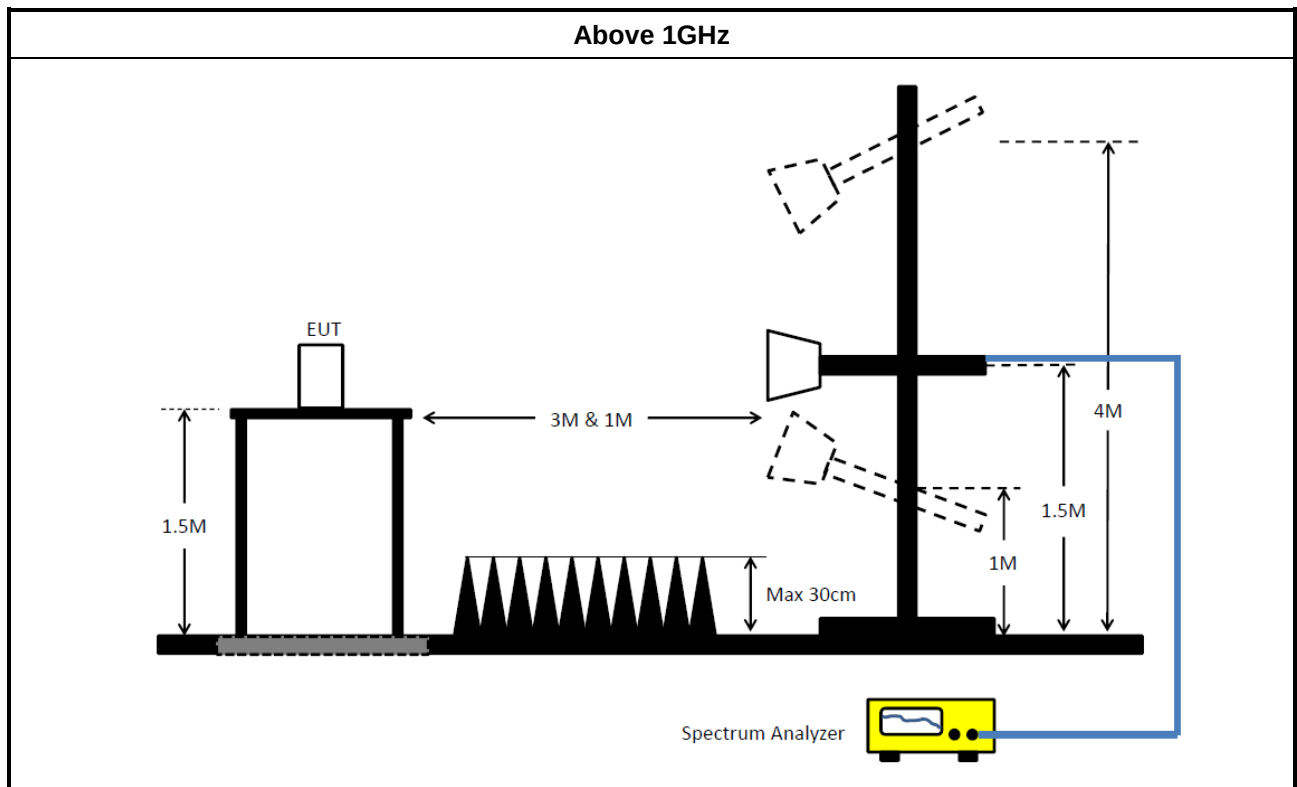
3.4.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.4.5 Test Setup





3.4.6 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.

3.4.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D

4 Test Equipment and Calibration Data

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	14/Feb/2022	13/Feb/2023
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	10/Nov/2022	09/Nov/2023
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	21/Oct/2022	20/Oct/2023
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	14/Dec/2022	13/Dec/2023
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	14/Dec/2022	13/Dec/2023
SENSE-15407_NII	Sporton	V5.11.3	N/A	N/A	N/A	N/A

Instrument for Radiated Test (below 1G)

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	25/Mar/2022	24/Mar/2023
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	11/Aug/2022	10/Aug/2023
Amplifier	EMC	EMC9135	980232	9kHz~1GHz	08/Apr/2022	07/Apr/2023
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D&MT J6102-05	35418 & 3	30MHz~1GHz	28/Aug/2022	27/Aug/2023
RF Cable-low	Jye Bao	RG142	03CH09-cable-01	9kHz~1GHz	09/Dec/2022	08/Dec/2023
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	18/Mar/2022	17/Mar/2023
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	30/May/2022	29/May/2023
SENSE_15407_NII	Sporton	Sporton	V5.11	NA	NA	NA

Instrument for Radiated Test (above 1G)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	30/Jul/2022	29/Jul/2023
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	02/Nov/2022	01/Nov/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz ~18GHz	27/Sep/2022	26/Sep/2023
RF Cable-R03m	HUBER+SUHNE R	SUCOFLEX104	03CH02-cable-01	1GHz~40GHz	10/Feb/2023	09/Feb/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Prempplier	EMC INSTRUMENTS	EM18G40G	060604	18GHz~40GHz	08/Mar/2022	07/Mar/2023
Signal Analyzer	R&S	FSP 40	100305	9kHz~40GHz	21/Mar/2022	20/Mar/2023
SENSE-15407_NII	Sporton	V5.11	N/A	N/A	N/A	N/A

**Instrument for Radiated Test (Co-location)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	30/Jul/2022	29/Jul/2023
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	02/Nov/2022	01/Nov/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz ~18GHz	27/Sep/2022	26/Sep/2023
RF Cable-R03m	HUBER+SUHNE R	SUCOFLEX104	03CH02-cable-01	1GHz~40GHz	10/Feb/2023	09/Feb/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	18/Mar/2022	17/Mar/2023
Broadband Horn Antenna	SCHWARZBECK	EMC1150 & WK0602	980270 & WDCB-6SI	18GHz~40GHz	22/Aug/2022	21/Aug/2023
Signal Analyzer	R&S	FSP 40	100305	9kHz~40GHz	21/Mar/2022	20/Mar/2023
SENSE-EMI	Sporton	V5.11	N/A	N/A	N/A	N/A

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)_1TX(Port2)	40.81M	21.095M	21M1D1D	26.565M	16.75M
802.11ax HEW20_Nss1,(MCS0)_2TX	44.275M	19.176M	19M2D1D	20.515M	18.773M
802.11ax HEW40_Nss1,(MCS0)_2TX	82.39M	37.98M	38M0D1D	40.26M	37.531M
802.11ax HEW80_Nss1,(MCS0)_2TX	80.96M	77.629M	77M6D1D	80.74M	77.537M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port2)	16.335M	16.823M	16M8D1D	16.335M	16.712M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.37M	18.854M	18M9D1D	17.82M	18.79M
802.11ax HEW40_Nss1,(MCS0)_2TX	35.75M	37.781M	37M8D1D	35.09M	37.631M
802.11ax HEW80_Nss1,(MCS0)_2TX	77.88M	78.099M	78M1D1D	77.44M	77.76M

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)_1TX(Port2)	-	-	-	-	-	-
5180MHz	Pass	Inf			26.565M	16.75M
5200MHz	Pass	Inf			40.48M	21.095M
5240MHz	Pass	Inf			40.81M	17.351M
5745MHz	Pass	500k			16.335M	16.712M
5785MHz	Pass	500k			16.335M	16.745M
5825MHz	Pass	500k			16.335M	16.823M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.515M	18.773M	20.735M	18.793M
5200MHz	Pass	Inf	35.97M	18.878M	42.24M	19.176M
5240MHz	Pass	Inf	36.685M	18.908M	44.275M	19.141M
5745MHz	Pass	500k	17.82M	18.792M	18.37M	18.831M
5785MHz	Pass	500k	17.875M	18.796M	18.26M	18.854M
5825MHz	Pass	500k	17.93M	18.79M	18.205M	18.854M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.37M	37.531M	40.26M	37.554M
5230MHz	Pass	Inf	78.54M	37.98M	82.39M	37.904M
5755MHz	Pass	500k	35.53M	37.631M	35.09M	37.681M
5795MHz	Pass	500k	35.75M	37.731M	35.2M	37.781M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	80.96M	77.629M	80.74M	77.537M
5775MHz	Pass	500k	77.44M	77.76M	77.88M	78.099M

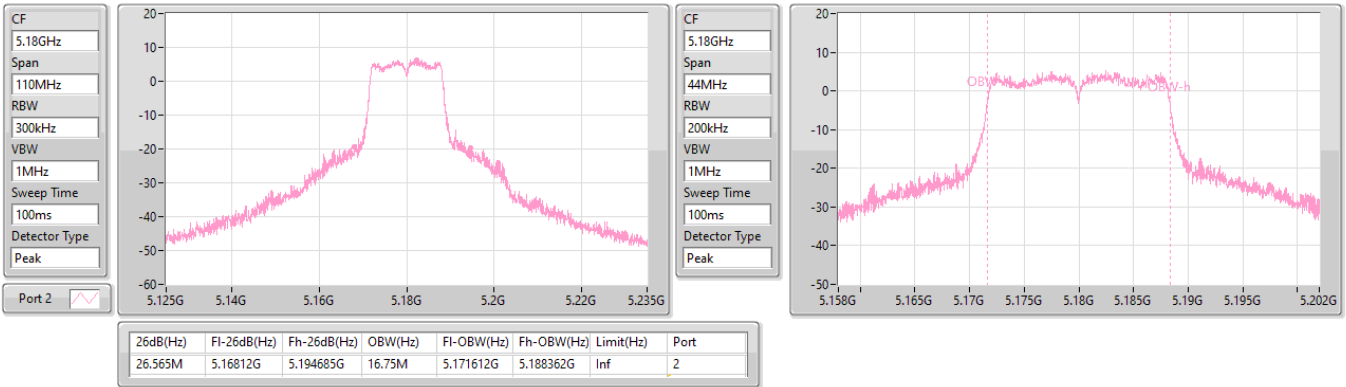
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX(Port2)

EBW

5180MHz

15/02/2023

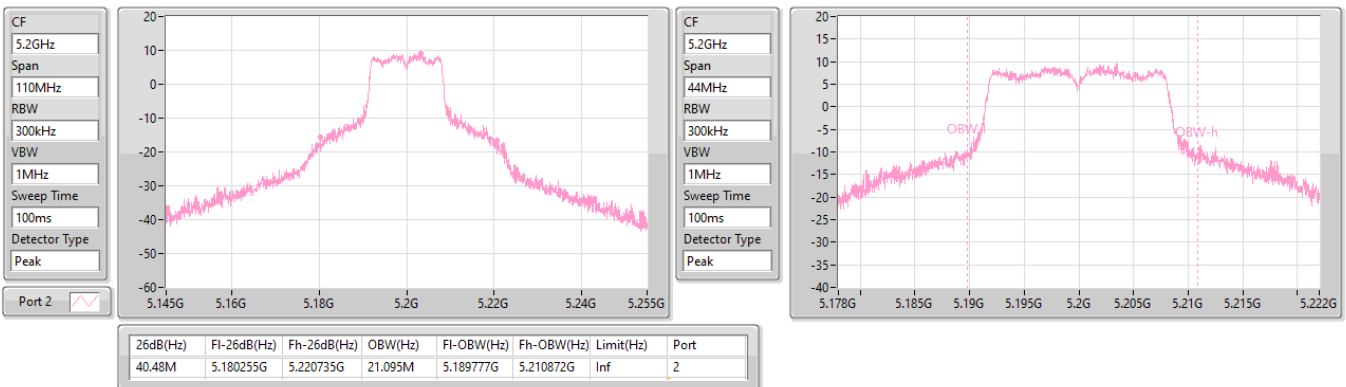


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX(Port2)

EBW

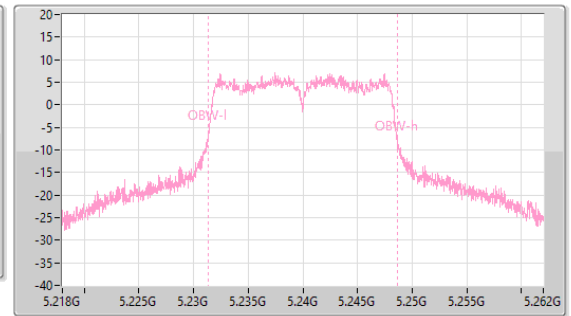
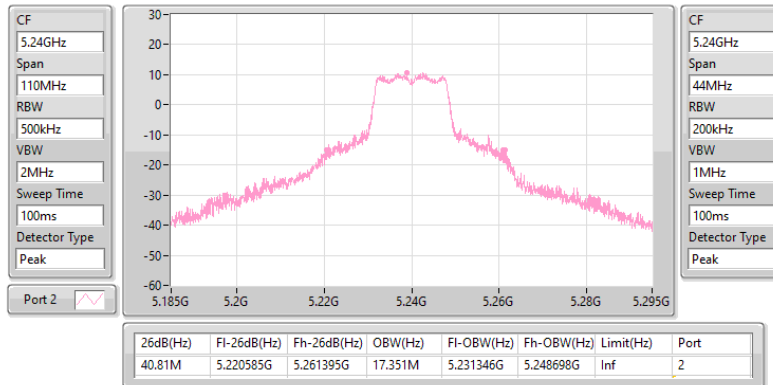
5200MHz

14/02/2023

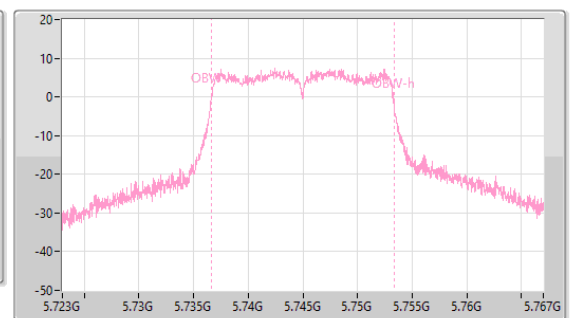
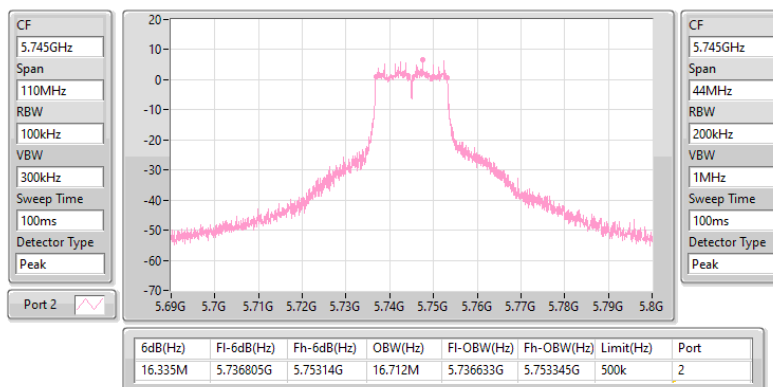


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX(Port2)
EBW
5240MHz

14/02/2023

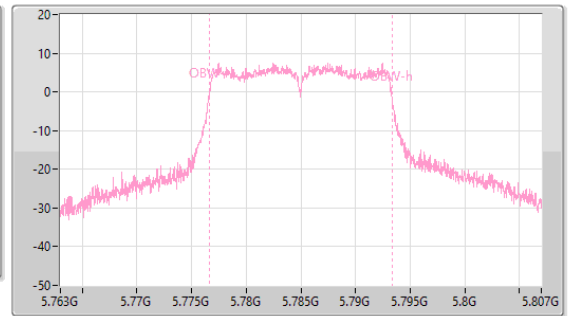
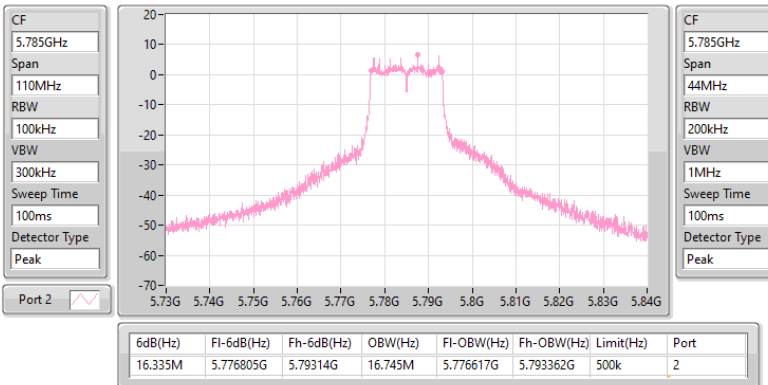

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX(Port2)
EBW
5745MHz

14/02/2023

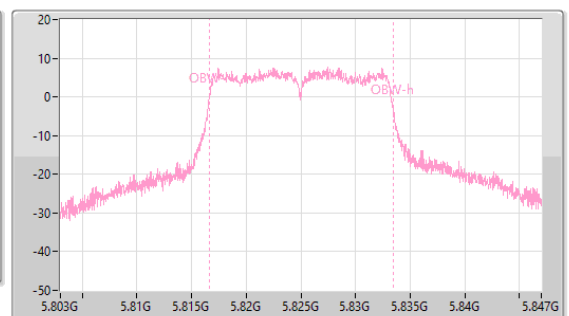
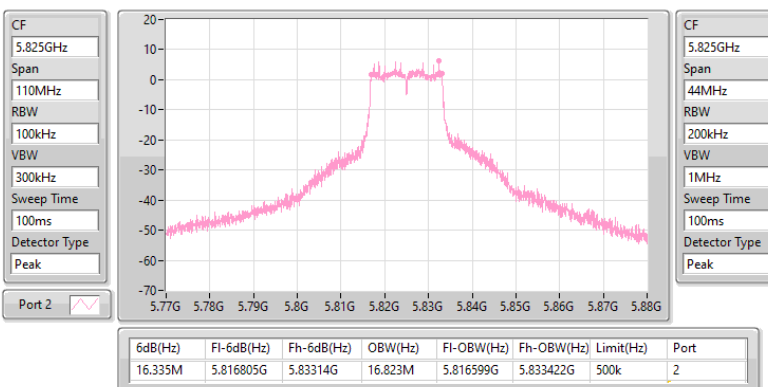


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX(Port2)
EBW
5785MHz

14/02/2023

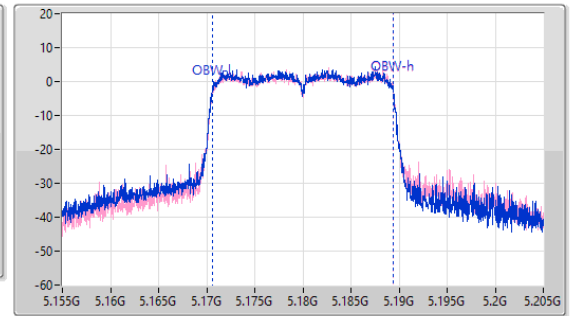
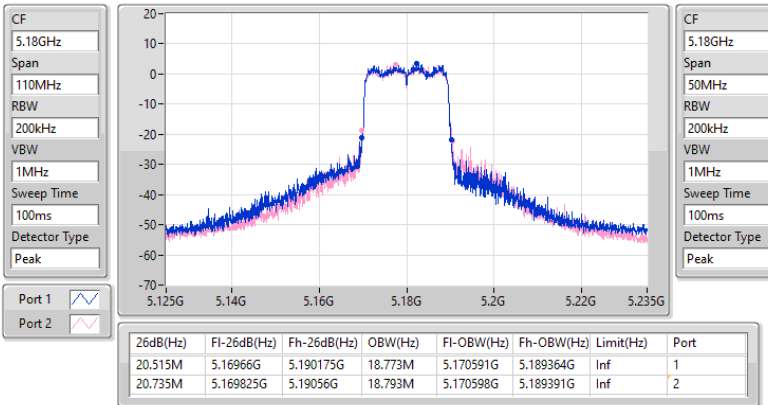

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX(Port2)
EBW
5825MHz

14/02/2023

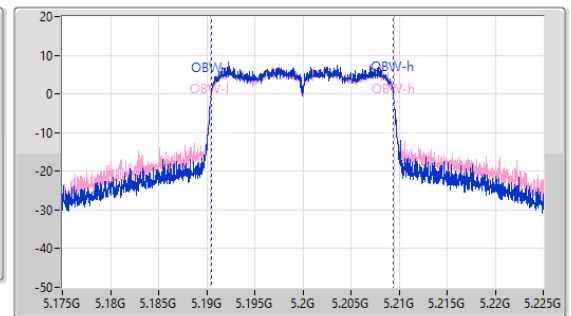
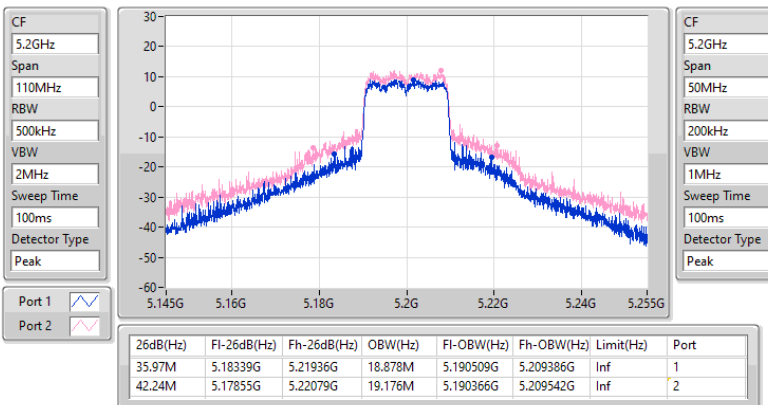


5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5180MHz

15/02/2023

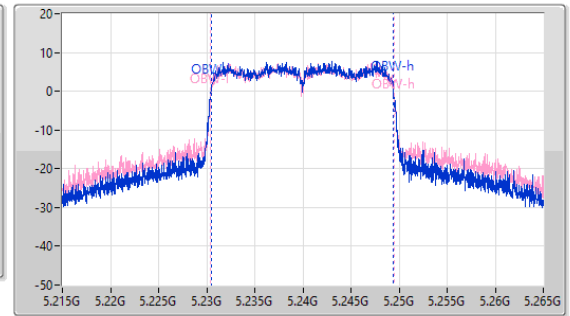
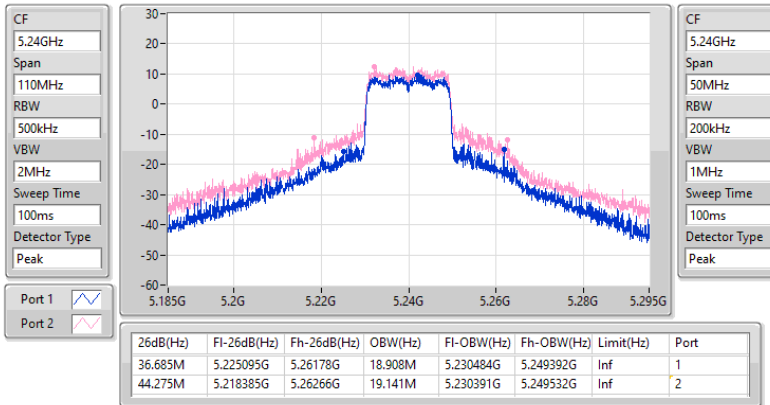

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5200MHz

14/02/2023

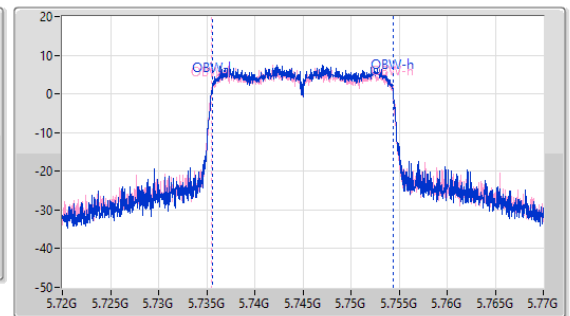
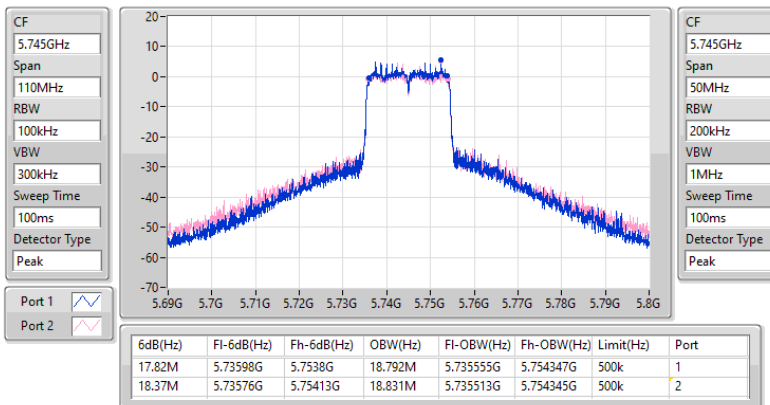


5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5240MHz

14/02/2023

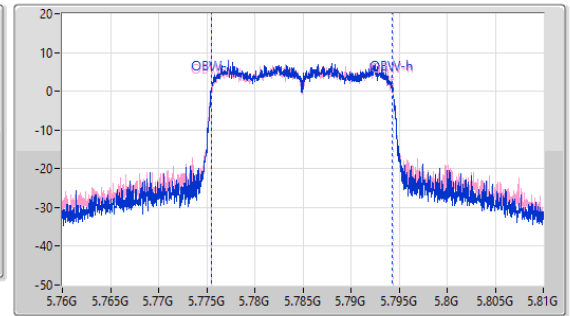
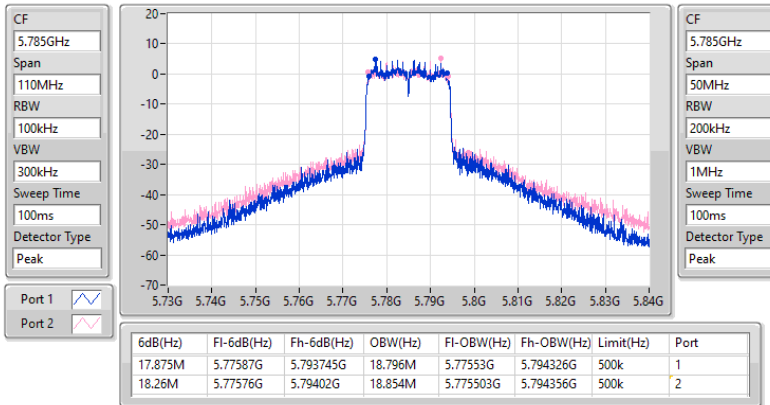

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5745MHz

14/02/2023

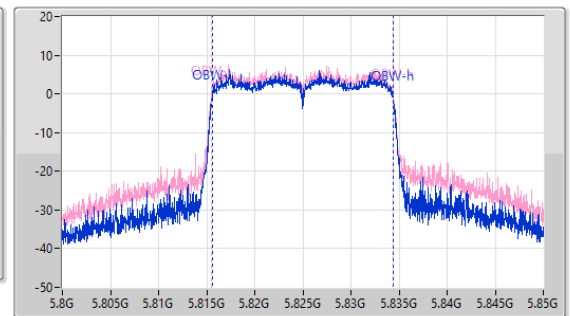
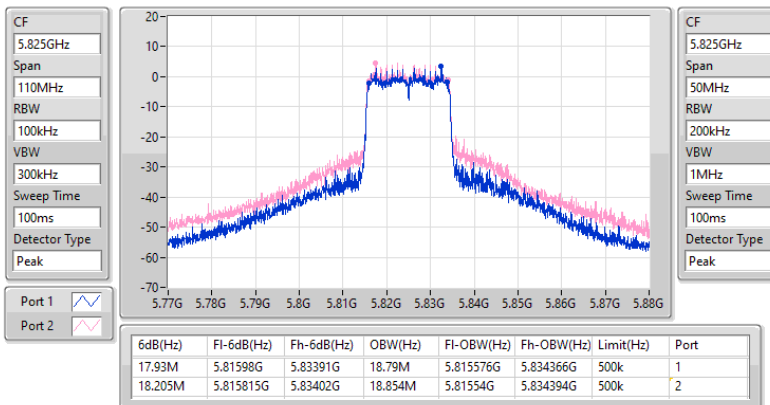


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5785MHz

14/02/2023

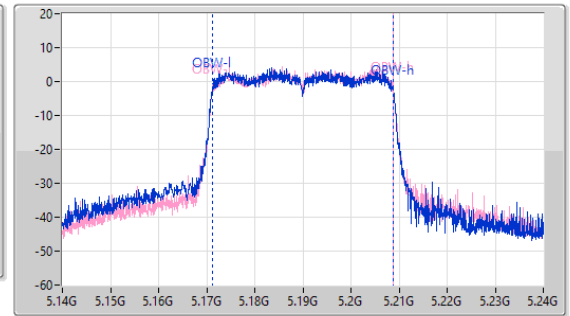
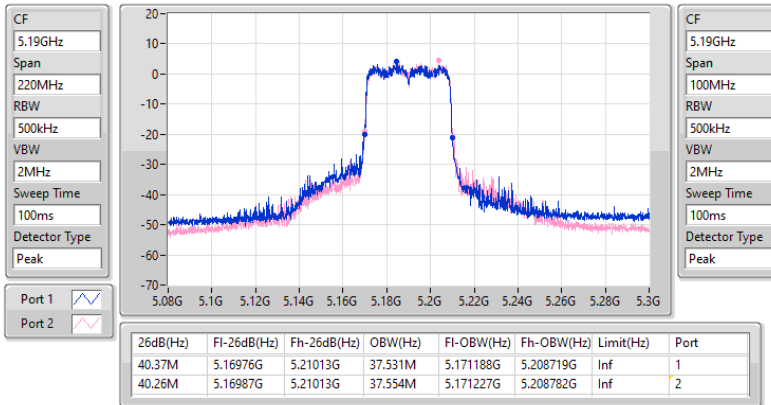

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5825MHz

15/02/2023

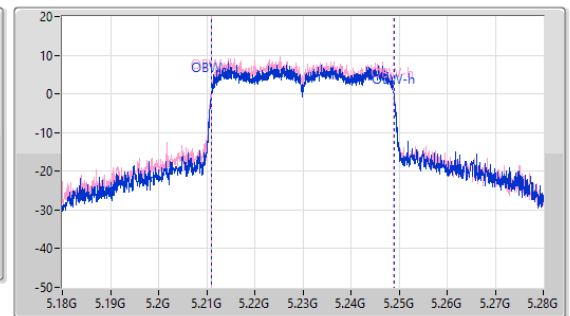
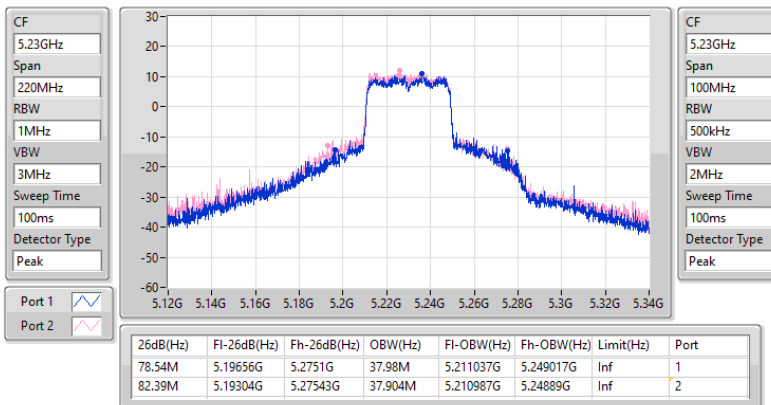


5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5190MHz

15/02/2023

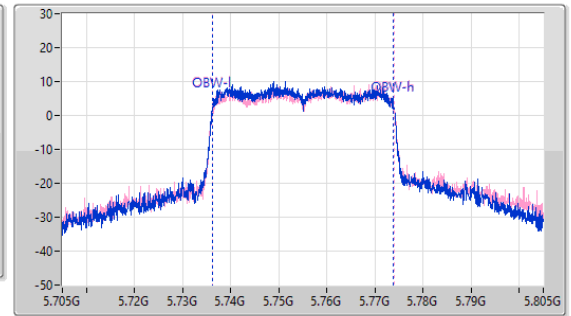
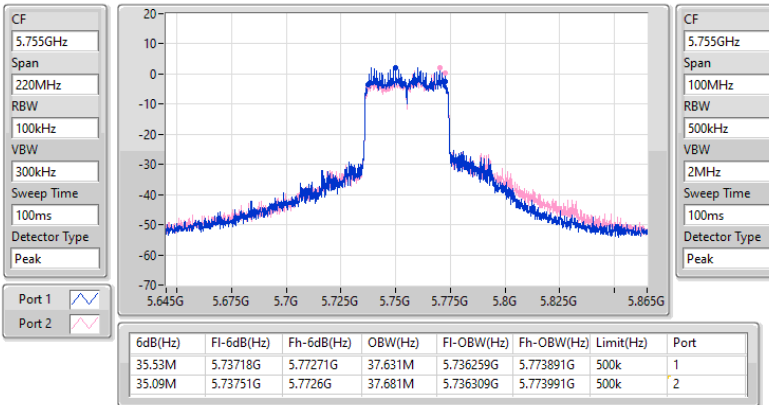

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5230MHz

15/02/2023

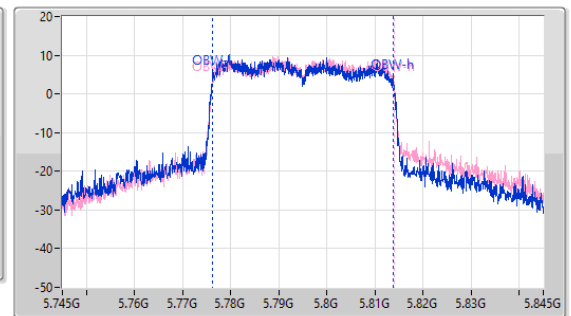
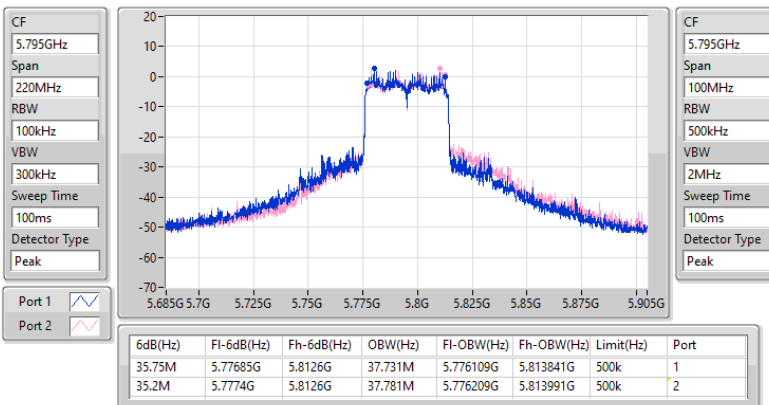


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5755MHz

16/02/2023

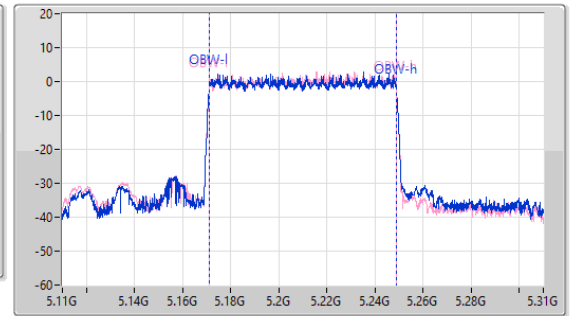
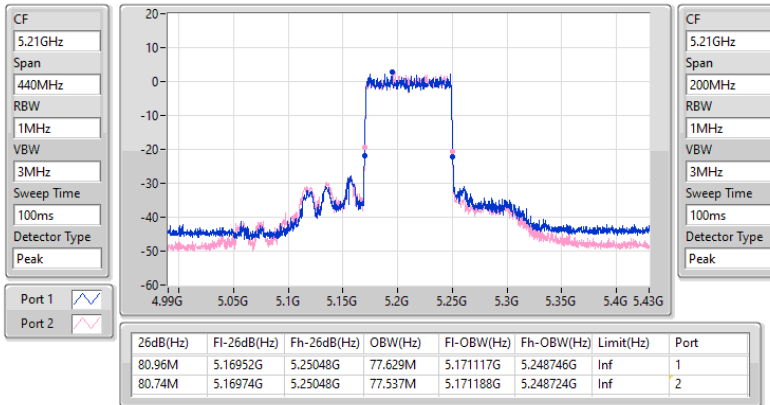

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5795MHz

16/02/2023

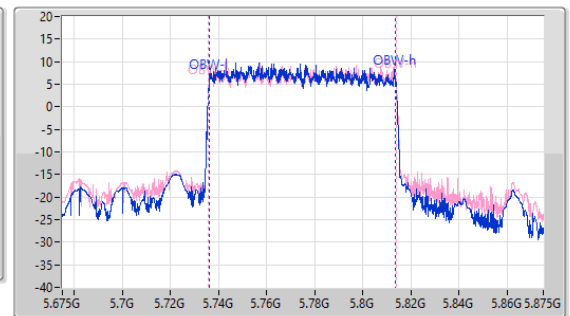
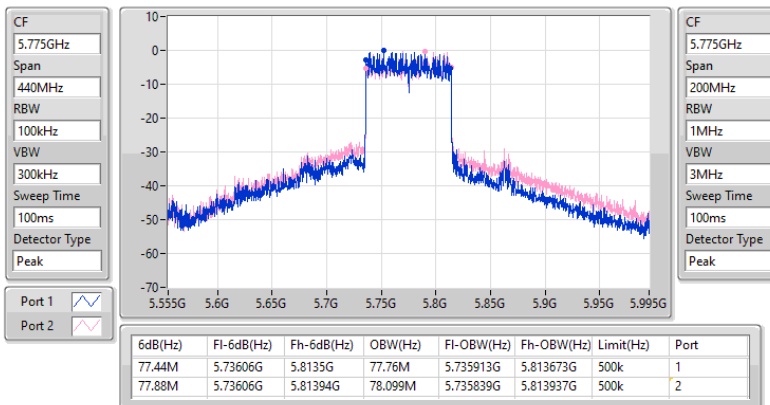


5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5210MHz

15/02/2023


5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5775MHz

14/02/2023



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port2)	17.18	0.05224	15.58	0.03614
802.11ax HEW20_Nss1,(MCS0)_2TX	19.28	0.08472	18.28	0.06730
802.11ax HEW40_Nss1,(MCS0)_2TX	18.23	0.06653	17.23	0.05284
802.11ax HEW80_Nss1,(MCS0)_2TX	12.31	0.01702	10.71	0.01178
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port2)	17.03	0.05047	17.93	0.06209
802.11ax HEW20_Nss1,(MCS0)_2TX	19.09	0.08110	19.99	0.09977
802.11ax HEW40_Nss1,(MCS0)_2TX	19.23	0.08375	20.13	0.10304
802.11ax HEW80_Nss1,(MCS0)_2TX	18.65	0.07328	19.55	0.09016

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)_1TX(Port2)	-	-	-	-	-	-	-	-
5180MHz	Pass	-1.60	-	15.13	15.13	30.00	13.53	36.00
5200MHz	Pass	-1.60	-	17.18	17.18	30.00	15.58	36.00
5240MHz	Pass	-1.00	-	16.36	16.36	30.00	15.36	36.00
5745MHz	Pass	0.50	-	16.87	16.87	30.00	17.37	36.00
5785MHz	Pass	0.70	-	16.85	16.85	30.00	17.55	36.00
5825MHz	Pass	0.70	-	17.03	17.03	30.00	17.73	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	-1.60	12.85	12.49	15.68	30.00	14.08	36.00
5200MHz	Pass	-1.60	16.29	16.08	19.20	30.00	17.60	36.00
5240MHz	Pass	-1.00	16.36	16.17	19.28	30.00	18.28	36.00
5745MHz	Pass	0.70	16.03	15.54	18.80	30.00	19.50	36.00
5785MHz	Pass	0.90	15.67	15.65	18.67	30.00	19.57	36.00
5825MHz	Pass	0.90	15.65	16.47	19.09	30.00	19.99	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	-1.60	10.73	10.47	13.61	30.00	12.01	36.00
5230MHz	Pass	-1.00	14.60	15.76	18.23	30.00	17.23	36.00
5755MHz	Pass	0.70	15.89	15.65	18.78	30.00	19.48	36.00
5795MHz	Pass	0.90	16.11	16.33	19.23	30.00	20.13	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	-1.60	9.14	9.46	12.31	30.00	10.71	36.00
5775MHz	Pass	0.90	15.66	15.61	18.65	30.00	19.55	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)_1TX(Port2)	4.77	3.17
802.11ax HEW20_Nss1,(MCS0)_2TX	6.49	8.50
802.11ax HEW40_Nss1,(MCS0)_2TX	2.19	4.20
802.11ax HEW80_Nss1,(MCS0)_2TX	-6.73	-5.32
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX(Port2)	3.44	4.34
802.11ax HEW20_Nss1,(MCS0)_2TX	4.71	8.47
802.11ax HEW40_Nss1,(MCS0)_2TX	2.11	6.02
802.11ax HEW80_Nss1,(MCS0)_2TX	-0.98	2.93

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)_1TX(Port2)	-	-	-	-	-	-	-	-
5180MHz	Pass	-1.60	-	2.38	2.38	17.00	0.78	23.00
5200MHz	Pass	-1.60	-	4.77	4.77	17.00	3.17	23.00
5240MHz	Pass	-1.00	-	4.08	4.08	17.00	3.08	23.00
5745MHz	Pass	0.70	-	3.21	3.21	30.00	3.91	36.00
5785MHz	Pass	0.90	-	3.29	3.29	30.00	4.19	36.00
5825MHz	Pass	0.90	-	3.44	3.44	30.00	4.34	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	1.41	-0.34	-0.80	2.38	17.00	3.79	23.00
5200MHz	Pass	1.41	3.43	3.34	6.39	17.00	7.80	23.00
5240MHz	Pass	2.01	3.53	3.50	6.49	17.00	8.50	23.00
5745MHz	Pass	3.71	2.09	1.35	4.71	30.00	8.42	36.00
5785MHz	Pass	3.91	1.64	1.49	4.56	30.00	8.47	36.00
5825MHz	Pass	3.91	-0.12	1.21	3.56	30.00	7.47	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	1.41	-5.48	-5.13	-2.46	17.00	-1.05	23.00
5230MHz	Pass	2.01	-1.59	-0.10	2.19	17.00	4.20	23.00
5755MHz	Pass	3.71	-1.38	-1.80	1.19	30.00	4.90	36.00
5795MHz	Pass	3.91	-0.63	-0.98	2.11	30.00	6.02	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	1.41	-9.79	-9.30	-6.73	17.00	-5.32	23.00
5775MHz	Pass	3.91	-3.69	-3.96	-0.98	30.00	2.93	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;

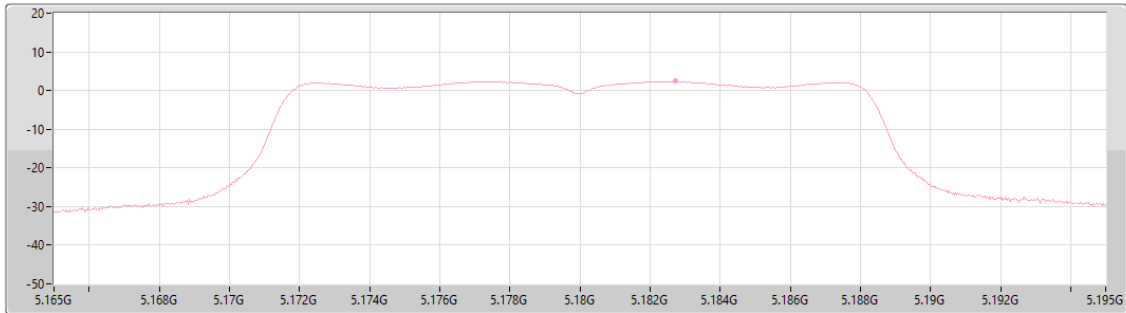
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX(Port2)

PSD

5180MHz

15/02/2023

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



Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.38	2.38	-	2.38

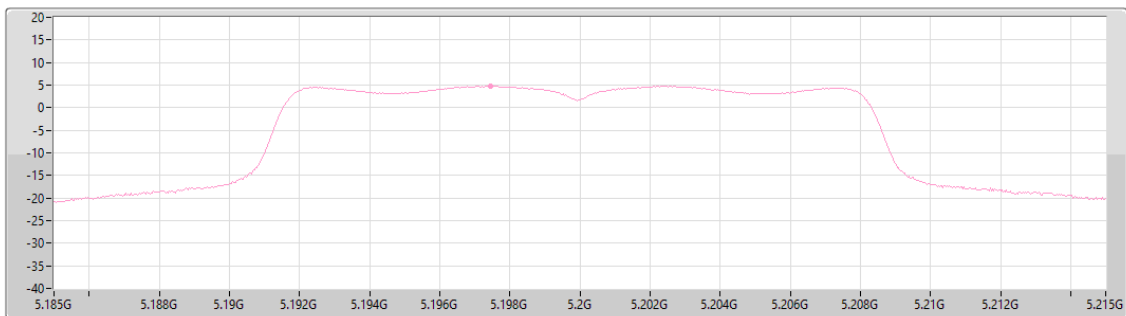
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX(Port2)

PSD

5200MHz

14/02/2023

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



Port 2

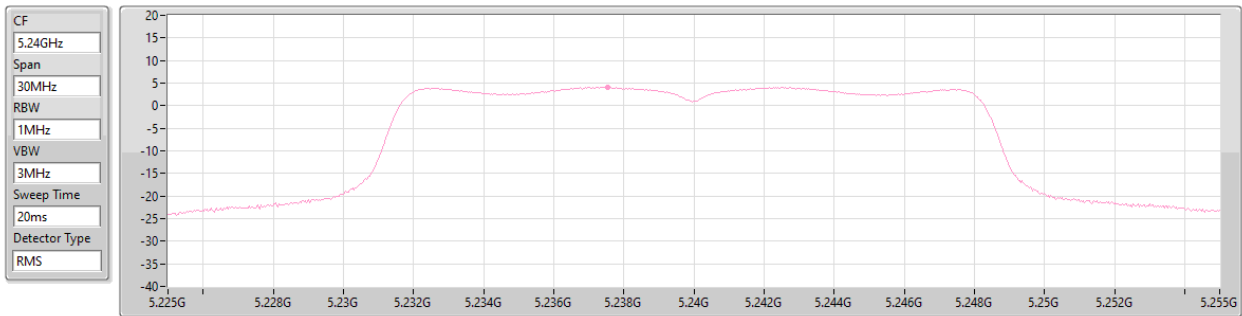
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.77	4.77	-	4.77

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX(Port2)

PSD

5240MHz

14/02/2023



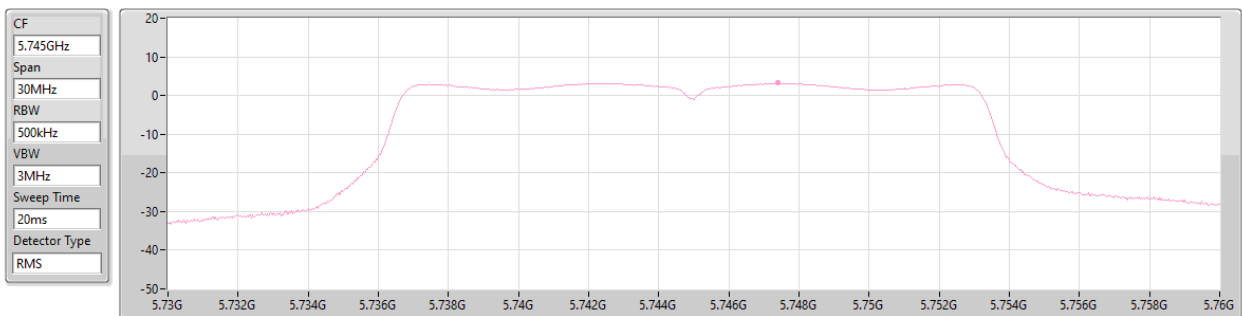
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.08	4.08	-	4.08

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX(Port2)

PSD

5745MHz

14/02/2023



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.21	3.21	-	3.21

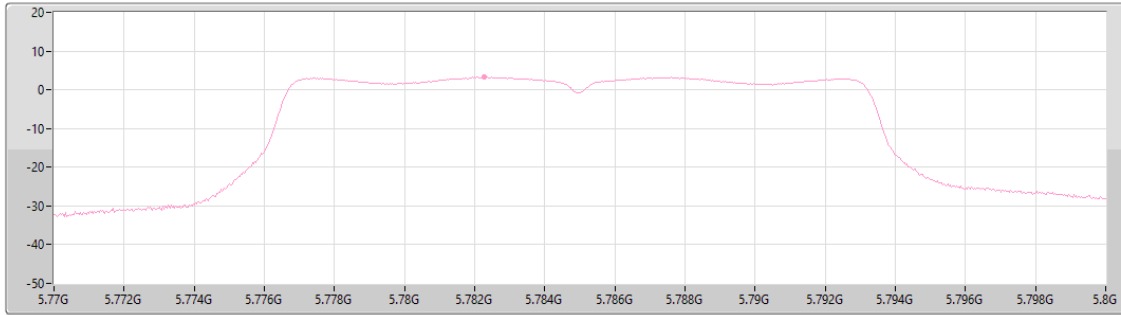
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX(Port2)

PSD

5785MHz

14/02/2023

CF
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)
3.29	3.29	-	3.29

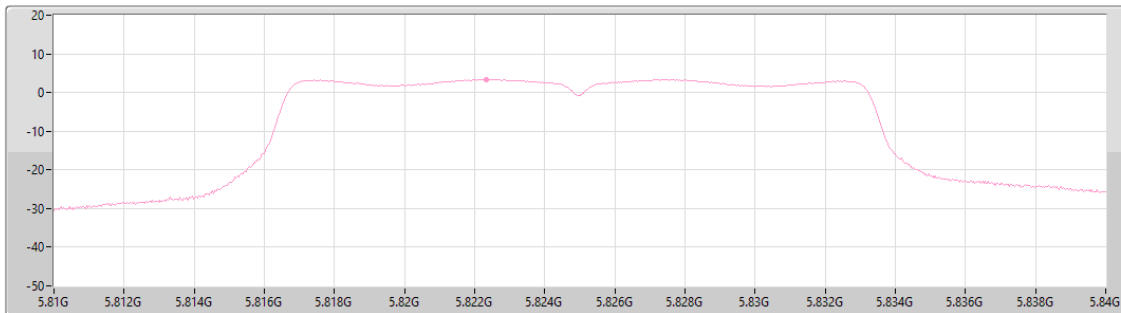
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX(Port2)

PSD

5825MHz

14/02/2023

CF
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)
3.44	3.44	-	3.44

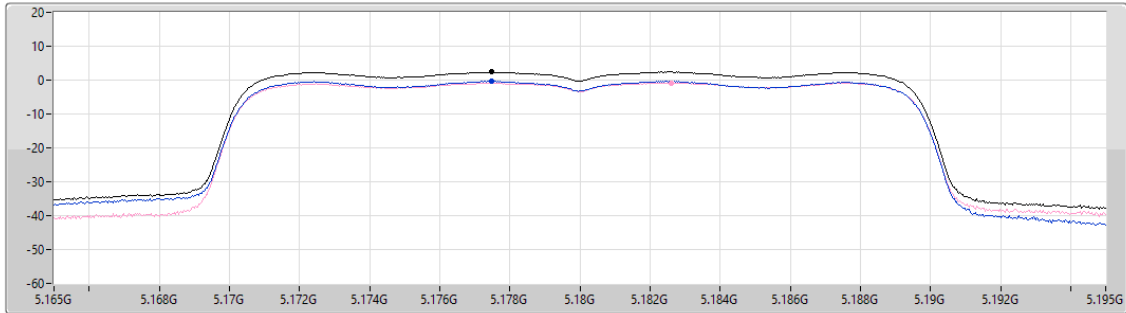
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5180MHz

15/02/2023

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



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.38	2.38	-0.34	-0.80

Sum
Port 1
Port 2

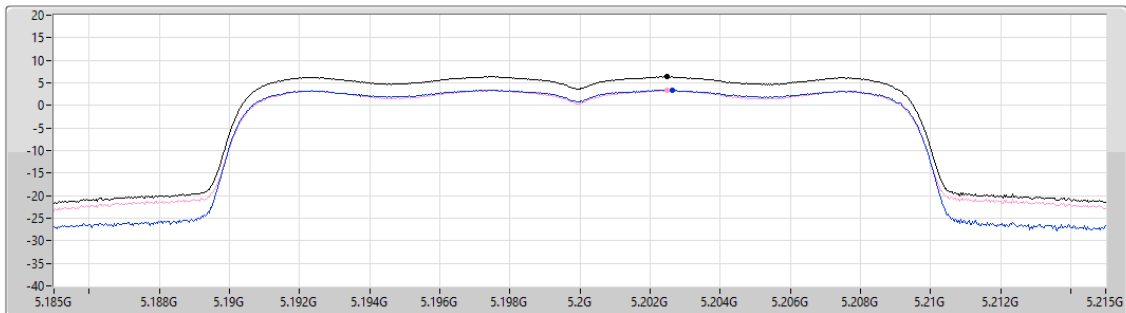
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5200MHz

14/02/2023

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



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.39	6.39	3.43	3.34

Sum
Port 1
Port 2

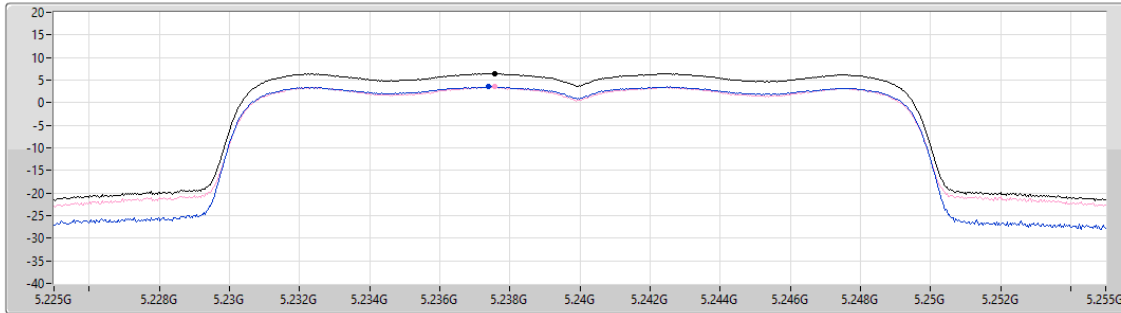
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5240MHz

14/02/2023

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



Sum
Port 1
Port 2

Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)
6.49	6.49	3.53	3.50

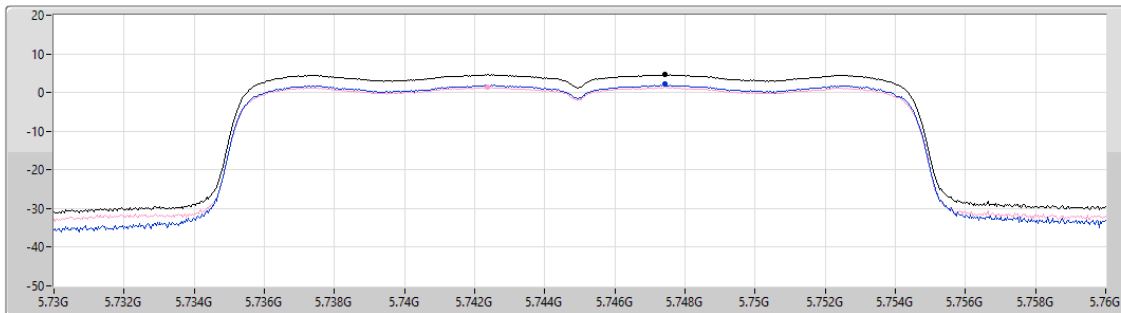
5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5745MHz

14/02/2023

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



Sum
Port 1
Port 2

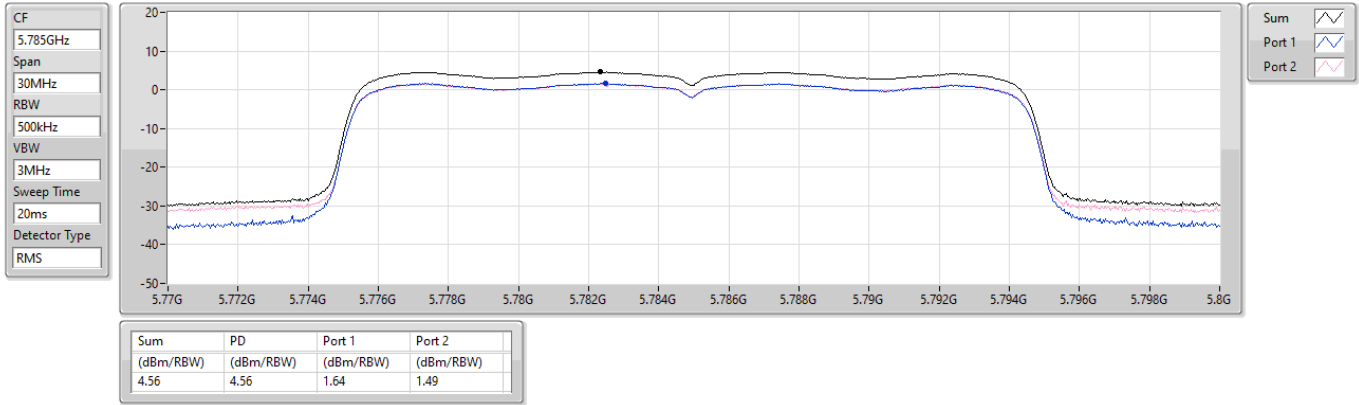
Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)
4.71	4.71	2.09	1.35

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5785MHz

14/02/2023

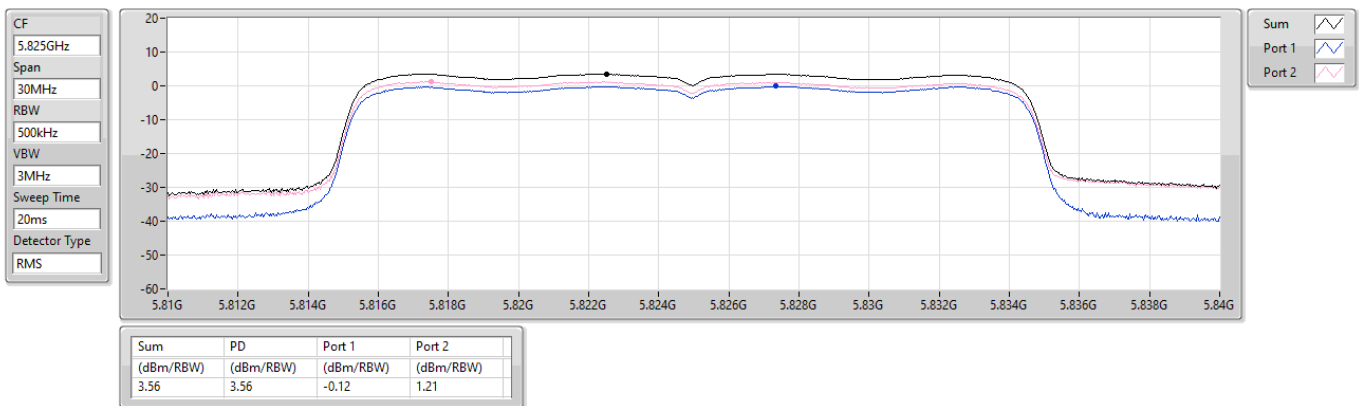


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5825MHz

15/02/2023



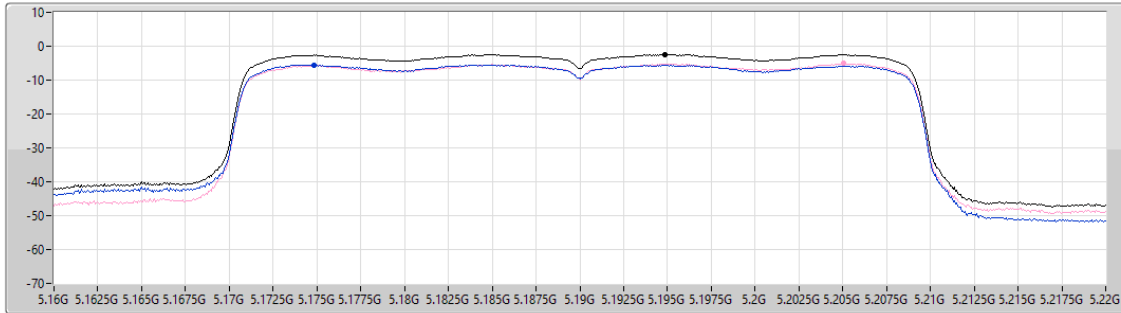
5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5190MHz

15/02/2023

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



Sum
Port 1
Port 2

Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)
-2.46	-2.46	-5.48	-5.13

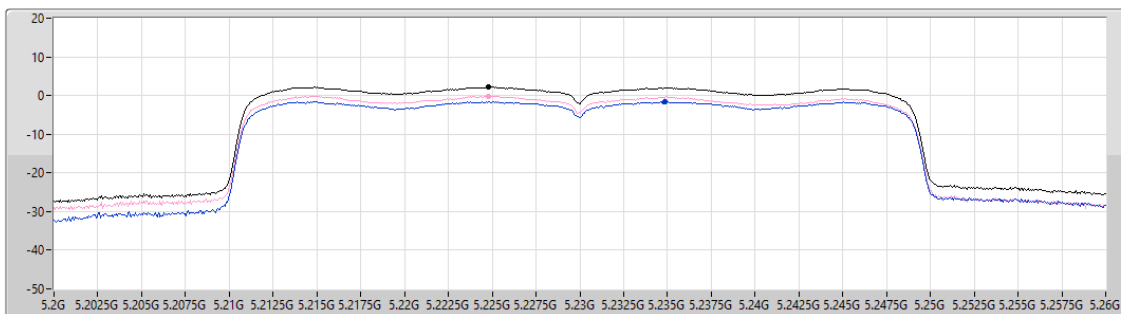
5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5230MHz

15/02/2023

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



Sum
Port 1
Port 2

Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)
2.19	2.19	-1.59	-0.10

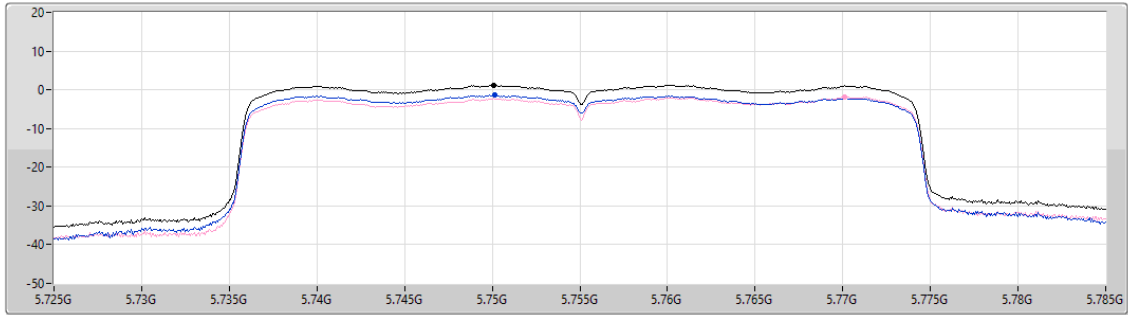
5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5755MHz

16/02/2023

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)
1.19	1.19	-1.38	-1.80

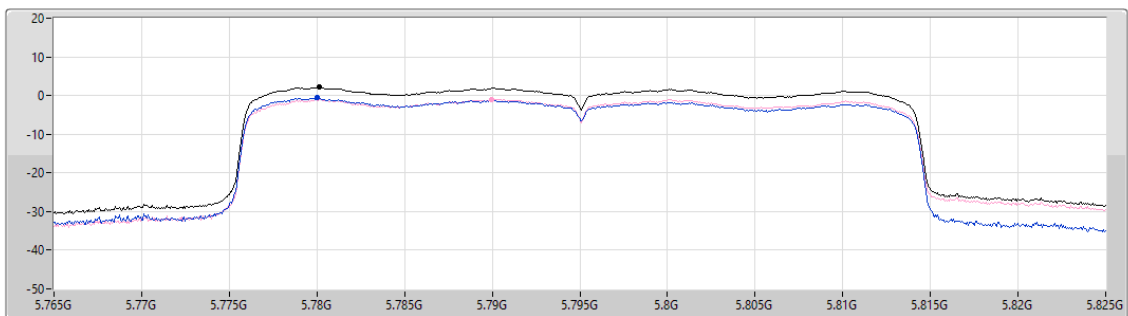
5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5795MHz

16/02/2023

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)
2.11	2.11	-0.63	-0.98

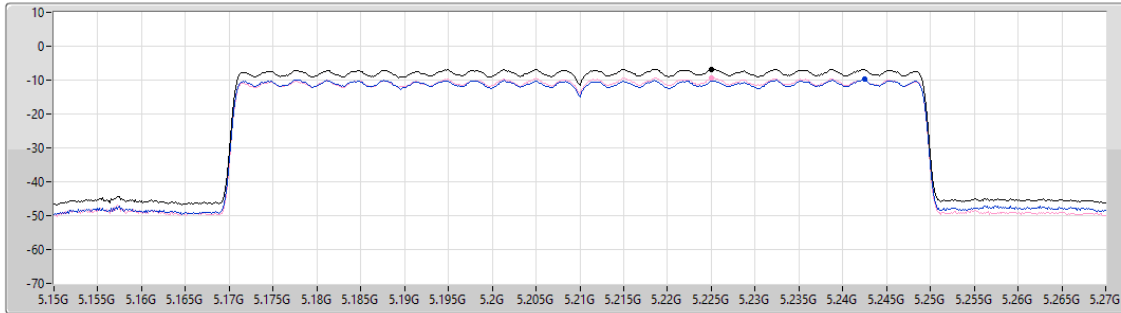
5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5210MHz

15/02/2023

CF
5.21GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)
-6.73	-6.73	-9.79	-9.30

Sum
Port 1
Port 2

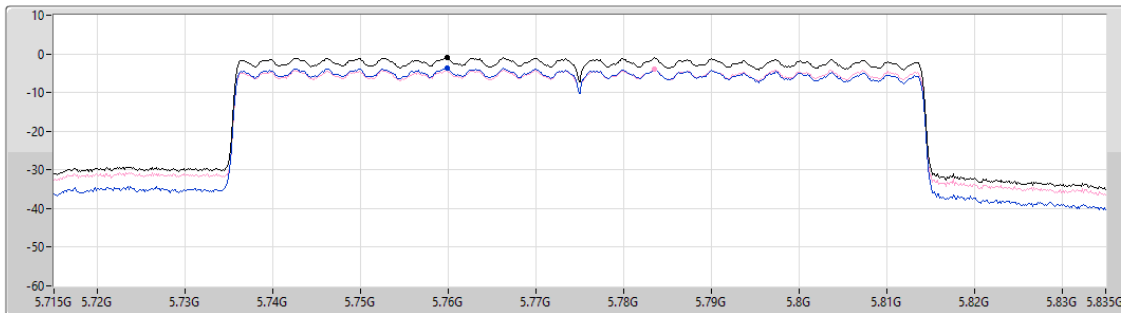
5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5775MHz

14/02/2023

CF
5.775GHz
Span
120MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)
-0.98	-0.98	-3.69	-3.96

Sum
Port 1
Port 2



Summary

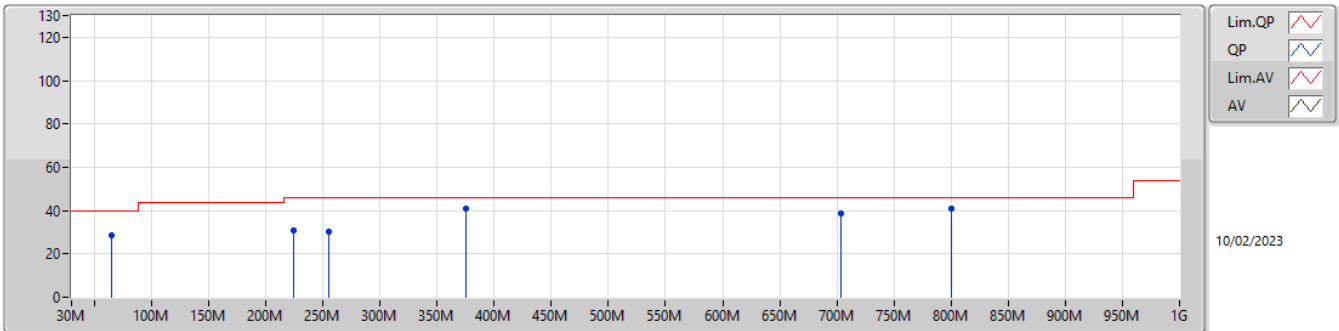
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	QP	375.32M	42.90	46.00	-3.10	3	Horizontal	242	1.00	-

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	64.92M	28.71	40.00	-11.29	3	Vertical	0	3.00	-
5775MHz	Pass	PK	224M	30.69	46.00	-15.31	3	Vertical	0	3.00	-
5775MHz	Pass	PK	255.04M	30.12	46.00	-15.88	3	Vertical	0	3.00	-
5775MHz	Pass	PK	375.32M	41.18	46.00	-4.82	3	Vertical	0	3.00	-
5775MHz	Pass	PK	703.18M	38.94	46.00	-7.06	3	Vertical	0	3.00	-
5775MHz	Pass	PK	800.18M	40.87	46.00	-5.13	3	Vertical	0	3.00	-
5775MHz	Pass	PK	125.06M	28.10	43.50	-15.40	3	Horizontal	360	3.00	-
5775MHz	Pass	PK	293.84M	42.06	46.00	-3.94	3	Horizontal	360	3.00	-
5775MHz	Pass	PK	472.32M	35.92	46.00	-10.08	3	Horizontal	360	3.00	-
5775MHz	Pass	PK	707.06M	36.92	46.00	-9.08	3	Horizontal	360	3.00	-
5775MHz	Pass	PK	800.18M	39.80	46.00	-6.20	3	Horizontal	360	3.00	-
5775MHz	Pass	QP	375.32M	42.90	46.00	-3.10	3	Horizontal	242	1.00	-

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

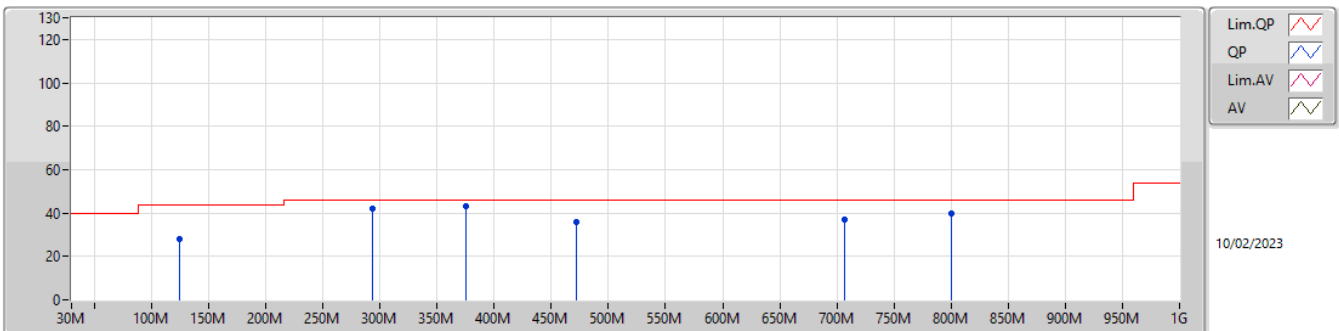
5775MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	64.92M	28.71	40.00	-11.29	-24.85	3	Vertical	0	3.00	53.56	11.18	1.00	37.03
PK	224M	30.69	46.00	-15.31	-20.00	3	Vertical	0	3.00	50.69	14.61	1.76	36.37
PK	255.04M	30.12	46.00	-15.88	-16.11	3	Vertical	0	3.00	46.23	18.44	1.92	36.47
PK	375.32M	41.18	46.00	-4.82	-14.15	3	Vertical	0	3.00	55.33	20.05	2.32	36.52
PK	703.18M	38.94	46.00	-7.06	-8.39	3	Vertical	0	3.00	47.33	25.76	3.21	37.36
PK	800.18M	40.87	46.00	-5.13	-6.96	3	Vertical	0	3.00	47.83	27.22	3.30	37.48

5.725-5.85GHz_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)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	125.06M	28.10	43.50	-15.40	-18.56	3	Horizontal	360	3.00	46.66	16.83	1.19	36.58
PK	293.84M	42.06	46.00	-3.94	-16.08	3	Horizontal	360	3.00	58.14	18.29	2.05	36.42
PK	472.32M	35.92	46.00	-10.08	-11.66	3	Horizontal	360	3.00	47.58	22.70	2.44	36.80
PK	707.06M	36.92	46.00	-9.08	-8.32	3	Horizontal	360	3.00	45.24	25.82	3.22	37.36
PK	800.18M	39.80	46.00	-6.20	-6.96	3	Horizontal	360	3.00	46.76	27.22	3.30	37.48
QP	375.32M	42.90	46.00	-3.10	-14.15	3	Horizontal	242	1.00	57.05	20.05	2.32	36.52

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth	Height
									(°)	(m)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port2)	Pass	AV	5.15G	48.76	54.00	-5.24	3	Vertical	205	1.57
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	PK	5.1474G	71.26	74.00	-2.74	3	Vertical	202	1.50
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	5.1492G	52.99	54.00	-1.01	3	Horizontal	163	1.75
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	AV	5.141G	52.72	54.00	-1.28	3	Horizontal	177	1.50
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port2)	Pass	PK	5.9566G	58.79	68.20	-9.41	3	Horizontal	168	2.02
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	11.57048G	45.27	54.00	-8.73	3	Vertical	166	1.84
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	11.51064G	45.10	54.00	-8.90	3	Horizontal	212	1.01
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	PK	5.62G	66.05	68.20	-2.15	3	Horizontal	158	2.80

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11a_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.15G	48.76	54.00	-5.24	3	Vertical	205	1.57
5180MHz	Pass	AV	5.1872G	94.01	Inf	-Inf	3	Vertical	205	1.57
5180MHz	Pass	PK	5.1486G	68.63	74.00	-5.37	3	Vertical	205	1.57
5180MHz	Pass	PK	5.1868G	104.65	Inf	-Inf	3	Vertical	205	1.57
5180MHz	Pass	AV	5.15G	46.88	54.00	-7.12	3	Horizontal	203	1.50
5180MHz	Pass	AV	5.1874G	91.58	Inf	-Inf	3	Horizontal	203	1.50
5180MHz	Pass	PK	5.1486G	65.73	74.00	-8.27	3	Horizontal	203	1.50
5180MHz	Pass	PK	5.1824G	103.04	Inf	-Inf	3	Horizontal	203	1.50
5180MHz	Pass	AV	15.53552G	38.26	54.00	-15.74	3	Vertical	161	1.25
5180MHz	Pass	PK	10.35328G	54.83	68.20	-13.37	3	Vertical	157	1.20
5180MHz	Pass	PK	15.54044G	52.40	74.00	-21.60	3	Vertical	161	1.25
5180MHz	Pass	AV	15.536G	38.30	54.00	-15.70	3	Horizontal	180	1.50
5180MHz	Pass	PK	10.35716G	55.11	68.20	-13.09	3	Horizontal	208	1.00
5180MHz	Pass	PK	15.54964G	52.89	74.00	-21.11	3	Horizontal	180	1.50
5200MHz	Pass	AV	5.15G	48.69	54.00	-5.31	3	Vertical	206	1.65
5200MHz	Pass	AV	5.1976G	97.69	Inf	-Inf	3	Vertical	206	1.65
5200MHz	Pass	PK	5.1484G	67.49	74.00	-6.51	3	Vertical	206	1.65
5200MHz	Pass	PK	5.1972G	108.77	Inf	-Inf	3	Vertical	206	1.65
5200MHz	Pass	AV	5.15G	46.65	54.00	-7.35	3	Horizontal	160	3.00
5200MHz	Pass	AV	5.1972G	97.26	Inf	-Inf	3	Horizontal	160	3.00
5200MHz	Pass	PK	5.1484G	64.91	74.00	-9.09	3	Horizontal	160	3.00
5200MHz	Pass	PK	5.1968G	108.13	Inf	-Inf	3	Horizontal	160	3.00
5200MHz	Pass	AV	15.59564G	38.08	54.00	-15.92	3	Vertical	163	1.18
5200MHz	Pass	PK	10.39664G	55.46	68.20	-12.74	3	Vertical	157	1.31
5200MHz	Pass	PK	15.59604G	52.15	74.00	-21.85	3	Vertical	163	1.18
5200MHz	Pass	AV	15.59576G	38.29	54.00	-15.71	3	Horizontal	177	1.50
5200MHz	Pass	PK	10.40084G	55.59	68.20	-12.61	3	Horizontal	207	1.17
5200MHz	Pass	PK	15.59764G	52.46	74.00	-21.54	3	Horizontal	177	1.50
5240MHz	Pass	AV	5.1494G	42.71	54.00	-11.29	3	Vertical	208	1.50
5240MHz	Pass	AV	5.2418G	96.48	Inf	-Inf	3	Vertical	208	1.50
5240MHz	Pass	AV	5.3744G	42.83	54.00	-11.17	3	Vertical	208	1.50
5240MHz	Pass	PK	5.1386G	56.61	74.00	-17.39	3	Vertical	208	1.50
5240MHz	Pass	PK	5.237G	107.47	Inf	-Inf	3	Vertical	208	1.50
5240MHz	Pass	PK	5.3648G	56.93	74.00	-17.07	3	Vertical	208	1.50
5240MHz	Pass	AV	5.15G	42.69	54.00	-11.31	3	Horizontal	175	1.78
5240MHz	Pass	AV	5.237G	96.36	Inf	-Inf	3	Horizontal	175	1.78
5240MHz	Pass	AV	5.3828G	42.78	54.00	-11.22	3	Horizontal	175	1.78
5240MHz	Pass	PK	5.1452G	55.87	74.00	-18.13	3	Horizontal	175	1.78
5240MHz	Pass	PK	5.237G	107.68	Inf	-Inf	3	Horizontal	175	1.78
5240MHz	Pass	PK	5.3678G	56.94	74.00	-17.06	3	Horizontal	175	1.78
5240MHz	Pass	AV	15.71928G	39.15	54.00	-14.85	3	Vertical	188	1.92
5240MHz	Pass	PK	10.47976G	55.85	68.20	-12.35	3	Vertical	232	1.00
5240MHz	Pass	PK	15.72172G	54.26	74.00	-19.74	3	Vertical	188	1.92
5240MHz	Pass	AV	15.72316G	39.10	54.00	-14.90	3	Horizontal	177	1.40
5240MHz	Pass	PK	10.48048G	56.22	68.20	-11.98	3	Horizontal	206	1.16
5240MHz	Pass	PK	15.72828G	53.76	74.00	-20.24	3	Horizontal	177	1.40
5745MHz	Pass	AV	5.4546G	42.63	54.00	-11.37	3	Vertical	103	1.91
5745MHz	Pass	AV	5.7474G	99.94	Inf	-Inf	3	Vertical	103	1.91
5745MHz	Pass	PK	5.5686G	56.28	68.20	-11.92	3	Vertical	103	1.91
5745MHz	Pass	PK	5.7414G	110.48	Inf	-Inf	3	Vertical	103	1.91
5745MHz	Pass	PK	6.0198G	58.68	68.20	-9.52	3	Vertical	103	1.91
5745MHz	Pass	AV	5.4474G	42.49	54.00	-11.51	3	Horizontal	168	2.03
5745MHz	Pass	AV	5.7522G	96.06	Inf	-Inf	3	Horizontal	168	2.03
5745MHz	Pass	PK	5.6214G	57.10	68.20	-11.10	3	Horizontal	168	2.03
5745MHz	Pass	PK	5.7474G	107.09	Inf	-Inf	3	Horizontal	168	2.03
5745MHz	Pass	PK	5.9286G	58.38	68.20	-9.82	3	Horizontal	168	2.03
5745MHz	Pass	AV	11.48972G	41.19	54.00	-12.81	3	Vertical	203	1.48
5745MHz	Pass	PK	11.48956G	55.91	74.00	-18.09	3	Vertical	203	1.48
5745MHz	Pass	PK	17.24248G	53.33	68.20	-14.87	3	Vertical	161	1.38
5745MHz	Pass	AV	11.48968G	41.67	54.00	-12.33	3	Horizontal	213	1.00

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth	Height
									(°)	(m)
5745MHz	Pass	PK	11.48992G	55.93	74.00	-18.07	3	Horizontal	213	1.00
5745MHz	Pass	PK	17.23164G	52.88	68.20	-15.32	3	Horizontal	183	1.84
5785MHz	Pass	AV	5.7922G	96.80	Inf	-Inf	3	Vertical	156	2.72
5785MHz	Pass	PK	5.6218G	56.22	68.20	-11.98	3	Vertical	156	2.72
5785MHz	Pass	PK	5.7814G	107.08	Inf	-Inf	3	Vertical	156	2.72
5785MHz	Pass	PK	5.9458G	58.72	68.20	-9.48	3	Vertical	156	2.72
5785MHz	Pass	AV	5.7922G	95.33	Inf	-Inf	3	Horizontal	168	2.02
5785MHz	Pass	PK	5.5474G	57.00	68.20	-11.20	3	Horizontal	168	2.02
5785MHz	Pass	PK	5.7814G	105.50	Inf	-Inf	3	Horizontal	168	2.02
5785MHz	Pass	PK	5.9566G	58.79	68.20	-9.41	3	Horizontal	168	2.02
5785MHz	Pass	AV	11.56944G	41.59	54.00	-12.41	3	Vertical	204	1.09
5785MHz	Pass	PK	11.57664G	55.81	74.00	-18.19	3	Vertical	204	1.09
5785MHz	Pass	PK	17.355G	53.52	68.20	-14.68	3	Vertical	163	1.25
5785MHz	Pass	AV	11.56972G	41.26	54.00	-12.74	3	Horizontal	211	1.01
5785MHz	Pass	PK	11.56524G	55.77	74.00	-18.23	3	Horizontal	211	1.01
5785MHz	Pass	PK	17.35096G	52.72	68.20	-15.48	3	Horizontal	198	1.85
5825MHz	Pass	AV	5.8226G	97.01	Inf	-Inf	3	Vertical	157	2.69
5825MHz	Pass	PK	5.6426G	56.02	68.20	-12.18	3	Vertical	157	2.69
5825MHz	Pass	PK	5.8214G	108.05	Inf	-Inf	3	Vertical	157	2.69
5825MHz	Pass	PK	6.0062G	58.76	68.20	-9.44	3	Vertical	157	2.69
5825MHz	Pass	AV	5.8178G	93.04	Inf	-Inf	3	Horizontal	51	2.67
5825MHz	Pass	PK	5.6126G	56.69	68.20	-11.51	3	Horizontal	51	2.67
5825MHz	Pass	PK	5.8214G	104.12	Inf	-Inf	3	Horizontal	51	2.67
5825MHz	Pass	PK	5.9522G	58.57	68.20	-9.63	3	Horizontal	51	2.67
5825MHz	Pass	AV	11.65008G	39.54	54.00	-14.46	3	Vertical	138	1.35
5825MHz	Pass	PK	11.64788G	53.47	74.00	-20.53	3	Vertical	138	1.35
5825MHz	Pass	PK	17.47512G	54.91	68.20	-13.29	3	Vertical	195	2.06
5825MHz	Pass	AV	11.6502G	39.57	54.00	-14.43	3	Horizontal	178	1.84
5825MHz	Pass	PK	11.649G	53.86	74.00	-20.14	3	Horizontal	178	1.84
5825MHz	Pass	PK	17.48076G	53.61	68.20	-14.59	3	Horizontal	197	2.36
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1488G	47.47	54.00	-6.53	3	Vertical	202	1.50
5180MHz	Pass	AV	5.1828G	93.69	Inf	-Inf	3	Vertical	202	1.50
5180MHz	Pass	PK	5.1474G	71.26	74.00	-2.74	3	Vertical	202	1.50
5180MHz	Pass	PK	5.1828G	106.64	Inf	-Inf	3	Vertical	202	1.50
5180MHz	Pass	AV	5.1468G	47.01	54.00	-6.99	3	Horizontal	163	3.00
5180MHz	Pass	AV	5.182G	94.66	Inf	-Inf	3	Horizontal	163	3.00
5180MHz	Pass	PK	5.1466G	70.48	74.00	-3.52	3	Horizontal	163	3.00
5180MHz	Pass	PK	5.1866G	108.45	Inf	-Inf	3	Horizontal	163	3.00
5180MHz	Pass	AV	15.53862G	38.11	54.00	-15.89	3	Vertical	159	1.50
5180MHz	Pass	PK	10.36072G	55.60	68.20	-12.60	3	Vertical	233	1.00
5180MHz	Pass	PK	15.53892G	52.14	74.00	-21.86	3	Vertical	159	1.50
5180MHz	Pass	AV	15.53892G	38.45	54.00	-15.55	3	Horizontal	177	1.76
5180MHz	Pass	PK	10.36132G	56.49	68.20	-11.71	3	Horizontal	207	1.00
5180MHz	Pass	PK	15.5442G	52.87	74.00	-21.13	3	Horizontal	177	1.76
5200MHz	Pass	AV	5.1492G	50.01	54.00	-3.99	3	Vertical	206	1.50
5200MHz	Pass	AV	5.1924G	97.36	Inf	-Inf	3	Vertical	206	1.50
5200MHz	Pass	PK	5.1428G	71.05	74.00	-2.95	3	Vertical	206	1.50
5200MHz	Pass	PK	5.192G	110.50	Inf	-Inf	3	Vertical	206	1.50
5200MHz	Pass	AV	5.1476G	50.39	54.00	-3.61	3	Horizontal	163	3.00
5200MHz	Pass	AV	5.192G	98.48	Inf	-Inf	3	Horizontal	163	3.00
5200MHz	Pass	PK	5.1432G	69.59	74.00	-4.41	3	Horizontal	163	3.00
5200MHz	Pass	PK	5.1924G	111.91	Inf	-Inf	3	Horizontal	163	3.00
5200MHz	Pass	AV	15.60354G	38.79	54.00	-15.21	3	Vertical	161	1.24
5200MHz	Pass	PK	10.4G	60.60	68.20	-7.60	3	Vertical	230	1.07
5200MHz	Pass	PK	15.5892G	53.23	74.00	-20.77	3	Vertical	161	1.24
5200MHz	Pass	AV	15.60402G	39.69	54.00	-14.31	3	Horizontal	178	1.88
5200MHz	Pass	PK	10.4012G	60.93	68.20	-7.27	3	Horizontal	208	1.00
5200MHz	Pass	PK	15.60864G	53.65	74.00	-20.35	3	Horizontal	178	1.88
5240MHz	Pass	AV	5.1482G	43.12	54.00	-10.88	3	Vertical	202	1.50
5240MHz	Pass	AV	5.2352G	95.54	Inf	-Inf	3	Vertical	202	1.50
5240MHz	Pass	AV	5.387G	42.81	54.00	-11.19	3	Vertical	202	1.50

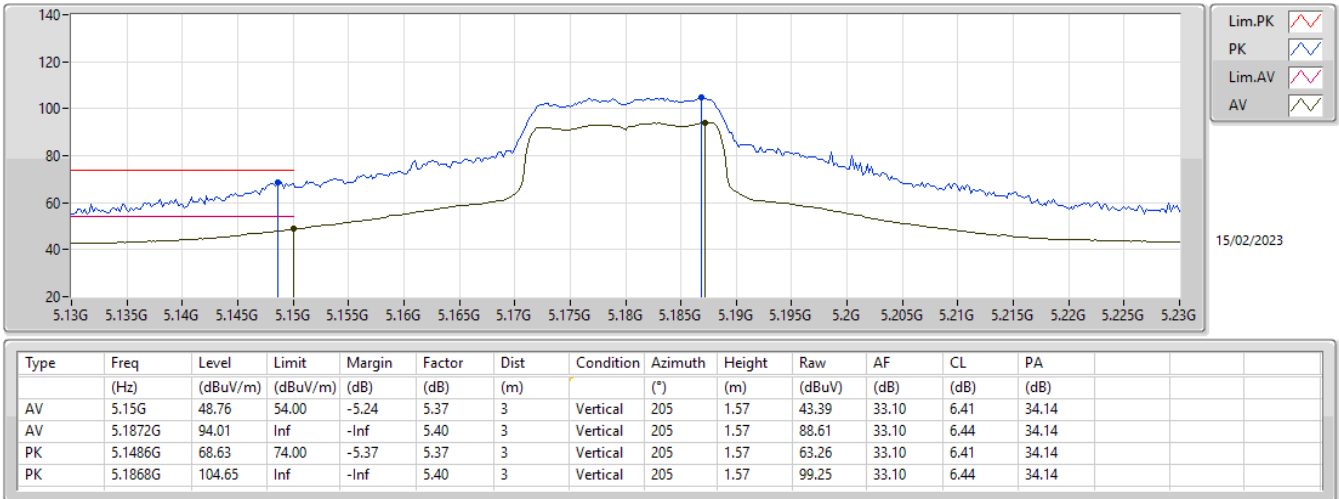
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth	Height
									(°)	(m)
5240MHz	Pass	PK	5.1476G	56.90	74.00	-17.10	3	Vertical	202	1.50
5240MHz	Pass	PK	5.2352G	108.35	Inf	-Inf	3	Vertical	202	1.50
5240MHz	Pass	PK	5.35G	56.58	74.00	-17.42	3	Vertical	202	1.50
5240MHz	Pass	AV	5.1476G	42.85	54.00	-11.15	3	Horizontal	165	1.50
5240MHz	Pass	AV	5.2448G	96.71	Inf	-Inf	3	Horizontal	165	1.50
5240MHz	Pass	AV	5.3708G	42.83	54.00	-11.17	3	Horizontal	165	1.50
5240MHz	Pass	PK	5.1416G	55.88	74.00	-18.12	3	Horizontal	165	1.50
5240MHz	Pass	PK	5.2394G	108.76	Inf	-Inf	3	Horizontal	165	1.50
5240MHz	Pass	PK	5.3762G	56.13	74.00	-17.87	3	Horizontal	165	1.50
5240MHz	Pass	AV	15.71958G	40.60	54.00	-13.40	3	Vertical	183	1.94
5240MHz	Pass	PK	10.48066G	59.83	68.20	-8.37	3	Vertical	230	1.03
5240MHz	Pass	PK	15.72438G	55.38	74.00	-18.62	3	Vertical	183	1.94
5240MHz	Pass	AV	15.71934G	40.09	54.00	-13.91	3	Horizontal	179	1.79
5240MHz	Pass	PK	10.47538G	59.52	68.20	-8.68	3	Horizontal	210	1.12
5240MHz	Pass	PK	15.7245G	53.73	74.00	-20.27	3	Horizontal	179	1.79
5745MHz	Pass	AV	5.4546G	42.46	54.00	-11.54	3	Vertical	168	1.50
5745MHz	Pass	AV	5.7522G	92.90	Inf	-Inf	3	Vertical	168	1.50
5745MHz	Pass	PK	5.583G	56.42	68.20	-11.78	3	Vertical	168	1.50
5745MHz	Pass	PK	5.7522G	105.31	Inf	-Inf	3	Vertical	168	1.50
5745MHz	Pass	PK	6.045G	58.46	68.20	-9.74	3	Vertical	168	1.50
5745MHz	Pass	AV	5.4486G	42.47	54.00	-11.53	3	Horizontal	170	1.50
5745MHz	Pass	AV	5.7498G	95.22	Inf	-Inf	3	Horizontal	170	1.50
5745MHz	Pass	PK	5.6022G	56.77	68.20	-11.43	3	Horizontal	170	1.50
5745MHz	Pass	PK	5.7498G	107.41	Inf	-Inf	3	Horizontal	170	1.50
5745MHz	Pass	PK	6.0234G	58.53	68.20	-9.67	3	Horizontal	170	1.50
5745MHz	Pass	AV	11.49054G	43.93	54.00	-10.07	3	Vertical	203	1.24
5745MHz	Pass	PK	11.49096G	57.11	74.00	-16.89	3	Vertical	203	1.24
5745MHz	Pass	PK	17.23086G	53.63	68.20	-14.57	3	Vertical	169	1.50
5745MHz	Pass	AV	11.49066G	45.08	54.00	-8.92	3	Horizontal	212	1.00
5745MHz	Pass	PK	11.48574G	57.37	74.00	-16.63	3	Horizontal	212	1.00
5745MHz	Pass	PK	17.24016G	51.85	68.20	-16.35	3	Horizontal	163	1.83
5785MHz	Pass	AV	5.7934G	97.88	Inf	-Inf	3	Vertical	206	1.50
5785MHz	Pass	PK	5.581G	56.33	68.20	-11.87	3	Vertical	206	1.50
5785MHz	Pass	PK	5.7874G	110.25	Inf	-Inf	3	Vertical	206	1.50
5785MHz	Pass	PK	5.9902G	57.64	68.20	-10.56	3	Vertical	206	1.50
5785MHz	Pass	AV	5.7778G	95.59	Inf	-Inf	3	Horizontal	168	1.50
5785MHz	Pass	PK	5.5774G	56.44	68.20	-11.76	3	Horizontal	168	1.50
5785MHz	Pass	PK	5.7934G	107.69	Inf	-Inf	3	Horizontal	168	1.50
5785MHz	Pass	PK	6.0118G	57.88	68.20	-10.32	3	Horizontal	168	1.50
5785MHz	Pass	AV	11.57048G	45.27	54.00	-8.73	3	Vertical	166	1.84
5785MHz	Pass	PK	11.57048G	57.21	74.00	-16.79	3	Vertical	166	1.84
5785MHz	Pass	PK	17.35248G	54.11	68.20	-14.09	3	Vertical	181	1.89
5785MHz	Pass	AV	11.57078G	44.73	54.00	-9.27	3	Horizontal	213	1.00
5785MHz	Pass	PK	11.57114G	58.03	74.00	-15.97	3	Horizontal	213	1.00
5785MHz	Pass	PK	17.35728G	53.22	68.20	-14.98	3	Horizontal	193	2.08
5825MHz	Pass	AV	5.8166G	98.60	Inf	-Inf	3	Vertical	157	1.50
5825MHz	Pass	PK	5.6282G	56.17	68.20	-12.03	3	Vertical	157	1.50
5825MHz	Pass	PK	5.8166G	111.24	Inf	-Inf	3	Vertical	157	1.50
5825MHz	Pass	PK	6.0326G	58.15	68.20	-10.05	3	Vertical	157	1.50
5825MHz	Pass	AV	5.8202G	95.09	Inf	-Inf	3	Horizontal	160	1.50
5825MHz	Pass	PK	5.5994G	56.96	68.20	-11.24	3	Horizontal	160	1.50
5825MHz	Pass	PK	5.831G	107.26	Inf	-Inf	3	Horizontal	160	1.50
5825MHz	Pass	PK	6.0374G	58.77	68.20	-9.43	3	Horizontal	160	1.50
5825MHz	Pass	AV	11.65066G	43.36	54.00	-10.64	3	Vertical	165	2.01
5825MHz	Pass	PK	11.65126G	55.97	74.00	-18.03	3	Vertical	165	2.01
5825MHz	Pass	PK	17.47806G	54.92	68.20	-13.28	3	Vertical	165	1.50
5825MHz	Pass	AV	11.65078G	43.20	54.00	-10.80	3	Horizontal	210	1.01
5825MHz	Pass	PK	11.65588G	55.00	74.00	-19.00	3	Horizontal	210	1.01
5825MHz	Pass	PK	17.46426G	55.56	68.20	-12.64	3	Horizontal	193	2.25
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.15G	52.22	54.00	-1.78	3	Vertical	160	2.01
5190MHz	Pass	AV	5.1956G	91.57	Inf	-Inf	3	Vertical	160	2.01

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth	Height
									(°)	(m)
5190MHz	Pass	PK	5.1364G	66.97	74.00	-7.03	3	Vertical	160	2.01
5190MHz	Pass	PK	5.1952G	103.54	Inf	-Inf	3	Vertical	160	2.01
5190MHz	Pass	AV	5.1492G	52.99	54.00	-1.01	3	Horizontal	163	1.75
5190MHz	Pass	AV	5.1948G	91.59	Inf	-Inf	3	Horizontal	163	1.75
5190MHz	Pass	PK	5.1496G	69.10	74.00	-4.90	3	Horizontal	163	1.75
5190MHz	Pass	PK	5.184G	103.29	Inf	-Inf	3	Horizontal	163	1.75
5190MHz	Pass	AV	15.5622G	39.70	54.00	-14.30	3	Vertical	-0	2.89
5190MHz	Pass	PK	10.38036G	51.32	68.20	-16.88	3	Vertical	228	1.35
5190MHz	Pass	PK	15.55656G	51.15	74.00	-22.85	3	Vertical	-0	2.89
5190MHz	Pass	AV	15.54372G	39.48	54.00	-14.52	3	Horizontal	274	1.50
5190MHz	Pass	PK	10.3812G	51.47	68.20	-16.73	3	Horizontal	204	1.28
5190MHz	Pass	PK	15.5958G	51.41	74.00	-22.59	3	Horizontal	274	1.50
5230MHz	Pass	AV	5.1472G	52.40	54.00	-1.60	3	Vertical	200	1.50
5230MHz	Pass	AV	5.236G	96.04	Inf	-Inf	3	Vertical	200	1.50
5230MHz	Pass	PK	5.1404G	68.30	74.00	-5.70	3	Vertical	200	1.50
5230MHz	Pass	PK	5.236G	107.91	Inf	-Inf	3	Vertical	200	1.50
5230MHz	Pass	AV	5.1472G	52.74	54.00	-1.26	3	Horizontal	165	1.50
5230MHz	Pass	AV	5.238G	95.99	Inf	-Inf	3	Horizontal	165	1.50
5230MHz	Pass	PK	5.1472G	70.78	74.00	-3.22	3	Horizontal	165	1.50
5230MHz	Pass	PK	5.2432G	108.67	Inf	-Inf	3	Horizontal	165	1.50
5230MHz	Pass	AV	15.6876G	40.61	54.00	-13.39	3	Vertical	184	2.07
5230MHz	Pass	PK	10.45676G	55.85	68.20	-12.35	3	Vertical	228	1.44
5230MHz	Pass	PK	15.66768G	51.80	74.00	-22.20	3	Vertical	184	2.07
5230MHz	Pass	AV	15.68652G	40.22	54.00	-13.78	3	Horizontal	179	1.66
5230MHz	Pass	PK	10.4558G	54.90	68.20	-13.30	3	Horizontal	207	1.09
5230MHz	Pass	PK	15.66228G	51.79	74.00	-22.21	3	Horizontal	179	1.66
5755MHz	Pass	AV	5.4586G	43.74	54.00	-10.26	3	Vertical	157	1.50
5755MHz	Pass	AV	5.761G	97.90	Inf	-Inf	3	Vertical	157	1.50
5755MHz	Pass	PK	5.5666G	57.39	68.20	-10.81	3	Vertical	157	1.50
5755MHz	Pass	PK	5.761G	109.31	Inf	-Inf	3	Vertical	157	1.50
5755MHz	Pass	PK	6.0154G	59.23	68.20	-8.97	3	Vertical	157	1.50
5755MHz	Pass	AV	5.4598G	43.93	54.00	-10.07	3	Horizontal	171	1.50
5755MHz	Pass	AV	5.7586G	95.94	Inf	-Inf	3	Horizontal	171	1.50
5755MHz	Pass	PK	5.4898G	57.21	68.20	-10.99	3	Horizontal	171	1.50
5755MHz	Pass	PK	5.7634G	107.64	Inf	-Inf	3	Horizontal	171	1.50
5755MHz	Pass	PK	6.0022G	58.45	68.20	-9.75	3	Horizontal	171	1.50
5755MHz	Pass	AV	11.51104G	44.02	54.00	-9.98	3	Vertical	203	1.10
5755MHz	Pass	PK	11.50032G	56.57	74.00	-17.43	3	Vertical	203	1.10
5755MHz	Pass	PK	17.277G	54.03	68.20	-14.17	3	Vertical	180	1.86
5755MHz	Pass	AV	11.51064G	45.10	54.00	-8.90	3	Horizontal	212	1.01
5755MHz	Pass	PK	11.51504G	57.45	74.00	-16.55	3	Horizontal	212	1.01
5755MHz	Pass	PK	17.2642G	52.59	68.20	-15.61	3	Horizontal	354	1.64
5795MHz	Pass	AV	5.8022G	99.05	Inf	-Inf	3	Vertical	157	1.50
5795MHz	Pass	PK	5.5826G	56.04	68.20	-12.16	3	Vertical	157	1.50
5795MHz	Pass	PK	5.8022G	109.58	Inf	-Inf	3	Vertical	157	1.50
5795MHz	Pass	PK	6.0254G	58.13	68.20	-10.07	3	Vertical	157	1.50
5795MHz	Pass	AV	5.8094G	96.97	Inf	-Inf	3	Horizontal	170	1.50
5795MHz	Pass	PK	5.5814G	56.28	68.20	-11.92	3	Horizontal	170	1.50
5795MHz	Pass	PK	5.801G	109.19	Inf	-Inf	3	Horizontal	170	1.50
5795MHz	Pass	PK	6.065G	58.46	68.20	-9.74	3	Horizontal	170	1.50
5795MHz	Pass	AV	11.59032G	43.89	54.00	-10.11	3	Vertical	165	2.04
5795MHz	Pass	PK	11.59048G	56.55	74.00	-17.45	3	Vertical	165	2.04
5795MHz	Pass	PK	17.39732G	55.72	68.20	-12.48	3	Vertical	181	1.79
5795MHz	Pass	AV	11.58616G	44.56	54.00	-9.44	3	Horizontal	213	1.12
5795MHz	Pass	PK	11.58632G	57.64	74.00	-16.36	3	Horizontal	213	1.12
5795MHz	Pass	PK	17.39268G	56.33	68.20	-11.87	3	Horizontal	198	2.41
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.145G	52.24	54.00	-1.76	3	Vertical	201	1.50
5210MHz	Pass	AV	5.245G	87.56	Inf	-Inf	3	Vertical	201	1.50
5210MHz	Pass	AV	5.449G	46.01	54.00	-7.99	3	Vertical	201	1.50
5210MHz	Pass	PK	5.135G	69.03	74.00	-4.97	3	Vertical	201	1.50
5210MHz	Pass	PK	5.245G	98.33	Inf	-Inf	3	Vertical	201	1.50

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth	Height
									(°)	(m)
5210MHz	Pass	PK	5.431G	56.36	74.00	-17.64	3	Vertical	201	1.50
5210MHz	Pass	AV	5.141G	52.72	54.00	-1.28	3	Horizontal	177	1.50
5210MHz	Pass	AV	5.221G	85.91	Inf	-Inf	3	Horizontal	177	1.50
5210MHz	Pass	AV	5.447G	45.90	54.00	-8.10	3	Horizontal	177	1.50
5210MHz	Pass	PK	5.135G	68.62	74.00	-5.38	3	Horizontal	177	1.50
5210MHz	Pass	PK	5.211G	97.84	Inf	-Inf	3	Horizontal	177	1.50
5210MHz	Pass	PK	5.405G	56.33	74.00	-17.67	3	Horizontal	177	1.50
5210MHz	Pass	AV	15.64568G	40.98	54.00	-13.02	3	Vertical	127	1.50
5210MHz	Pass	PK	10.44064G	50.13	68.20	-18.07	3	Vertical	155	1.06
5210MHz	Pass	PK	15.62664G	50.27	74.00	-23.73	3	Vertical	127	1.50
5210MHz	Pass	AV	15.6448G	40.69	54.00	-13.31	3	Horizontal	360	1.50
5210MHz	Pass	PK	10.44136G	50.64	68.20	-17.56	3	Horizontal	207	1.00
5210MHz	Pass	PK	15.62064G	50.79	74.00	-23.21	3	Horizontal	360	1.50
5775MHz	Pass	AV	5.81G	93.65	Inf	-Inf	3	Vertical	159	1.50
5775MHz	Pass	PK	5.604G	60.96	68.20	-7.24	3	Vertical	159	1.50
5775MHz	Pass	PK	5.8G	103.29	Inf	-Inf	3	Vertical	159	1.50
5775MHz	Pass	PK	5.942G	66.03	68.20	-2.17	3	Vertical	159	1.50
5775MHz	Pass	AV	5.756G	94.32	Inf	-Inf	3	Horizontal	158	2.80
5775MHz	Pass	PK	5.62G	66.05	68.20	-2.15	3	Horizontal	158	2.80
5775MHz	Pass	PK	5.747G	103.69	Inf	-Inf	3	Horizontal	158	2.80
5775MHz	Pass	PK	5.927G	61.52	68.20	-6.68	3	Horizontal	158	2.80
5775MHz	Pass	AV	11.57616G	44.19	54.00	-9.81	3	Vertical	166	2.03
5775MHz	Pass	PK	11.52G	53.13	74.00	-20.87	3	Vertical	166	2.03
5775MHz	Pass	PK	17.31228G	52.21	68.20	-15.99	3	Vertical	170	1.50
5775MHz	Pass	AV	11.5764G	44.01	54.00	-9.99	3	Horizontal	214	1.10
5775MHz	Pass	PK	11.5356G	53.74	74.00	-20.26	3	Horizontal	214	1.10
5775MHz	Pass	PK	17.37852G	50.59	68.20	-17.61	3	Horizontal	191	2.23

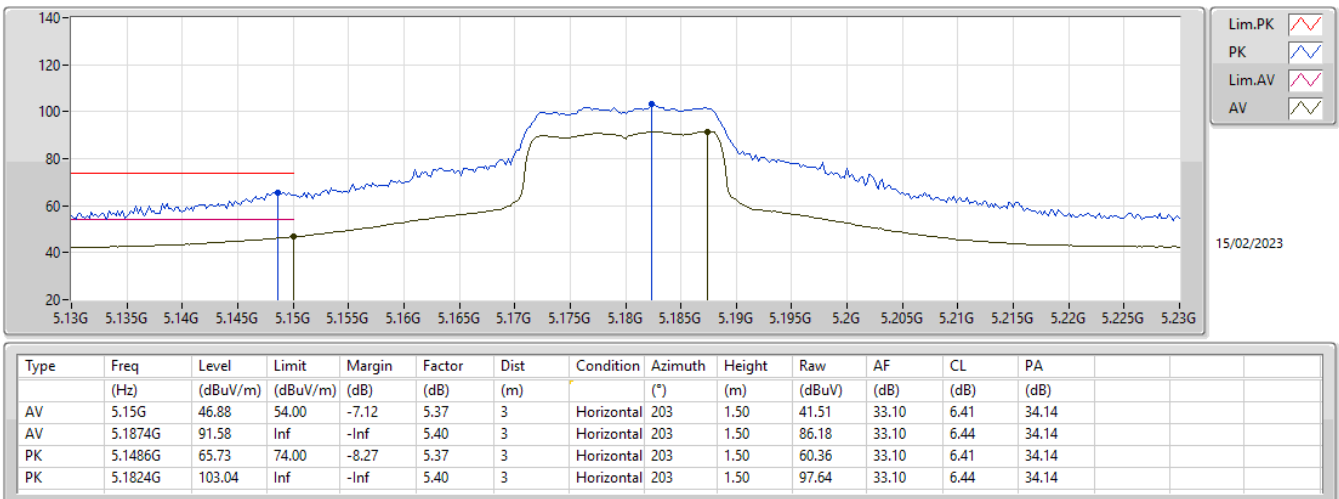
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX(Port2)

5180MHz_TX



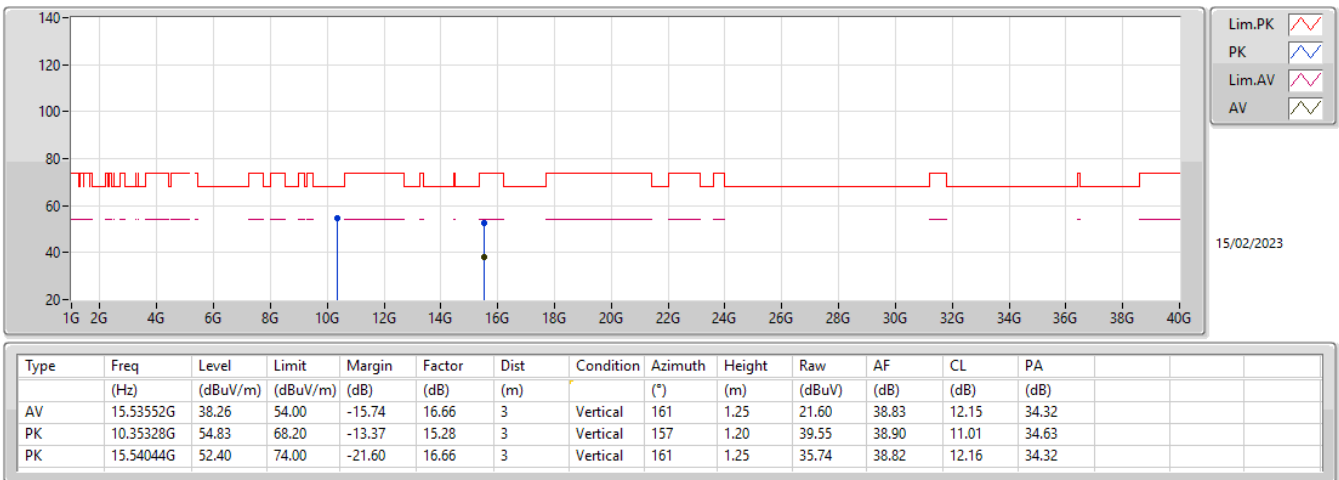
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX(Port2)

5180MHz_TX



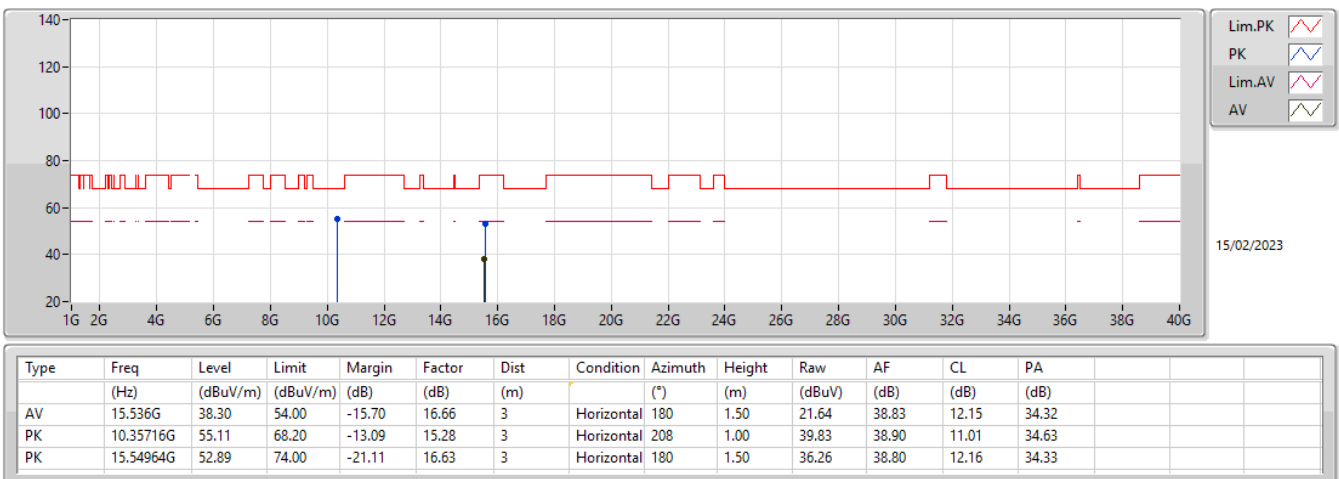
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5180MHz_TX



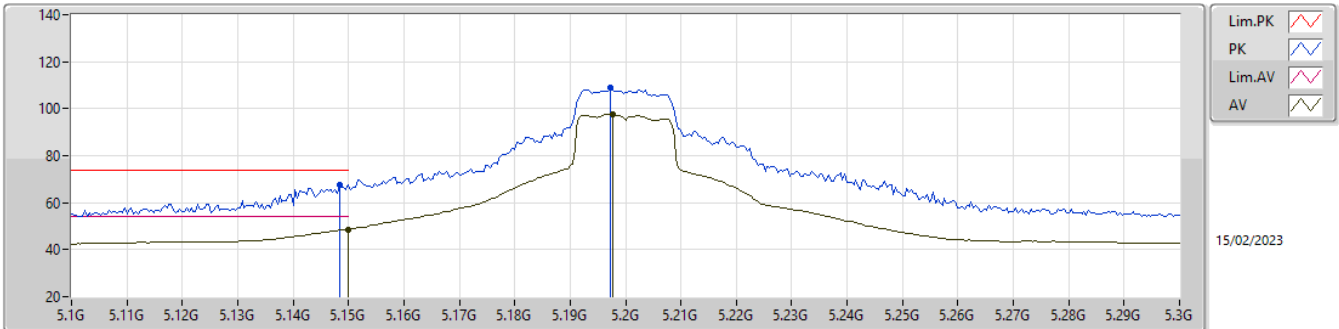
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX(Port2)

5180MHz_TX



5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX(Port2)

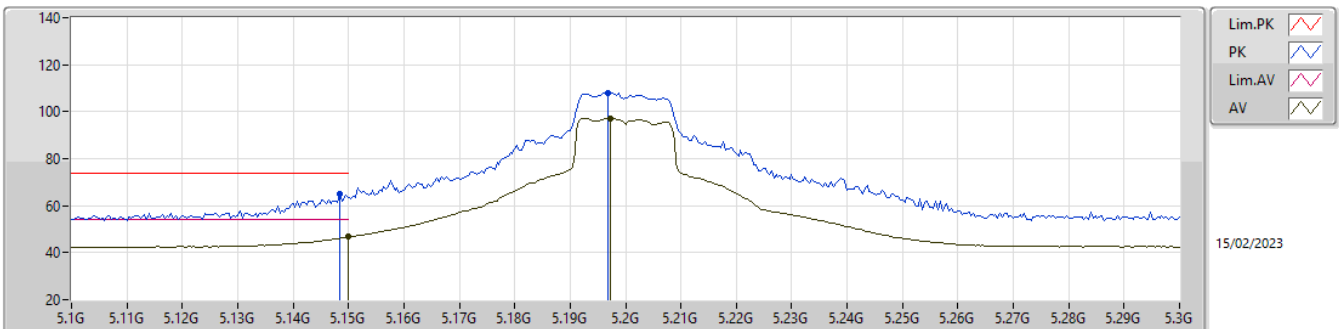
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	48.69	54.00	-5.31	5.37	3	Vertical	206	1.65	43.32	33.10	6.41	34.14
AV	5.1976G	97.69	Inf	-Inf	5.41	3	Vertical	206	1.65	92.28	33.10	6.45	34.14
PK	5.1484G	67.49	74.00	-6.51	5.37	3	Vertical	206	1.65	62.12	33.10	6.41	34.14
PK	5.1972G	108.77	Inf	-Inf	5.41	3	Vertical	206	1.65	103.36	33.10	6.45	34.14

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX(Port2)

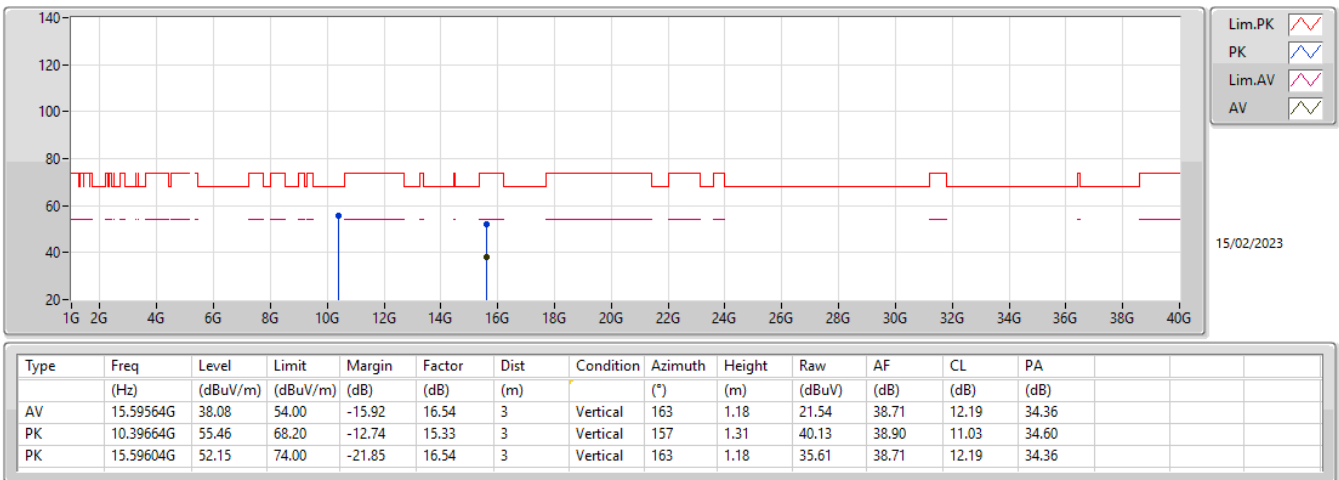
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	46.65	54.00	-7.35	5.37	3	Horizontal	160	3.00	41.28	33.10	6.41	34.14
AV	5.1972G	97.26	Inf	-Inf	5.41	3	Horizontal	160	3.00	91.85	33.10	6.45	34.14
PK	5.1484G	64.91	74.00	-9.09	5.37	3	Horizontal	160	3.00	59.54	33.10	6.41	34.14
PK	5.1968G	108.13	Inf	-Inf	5.41	3	Horizontal	160	3.00	102.72	33.10	6.45	34.14

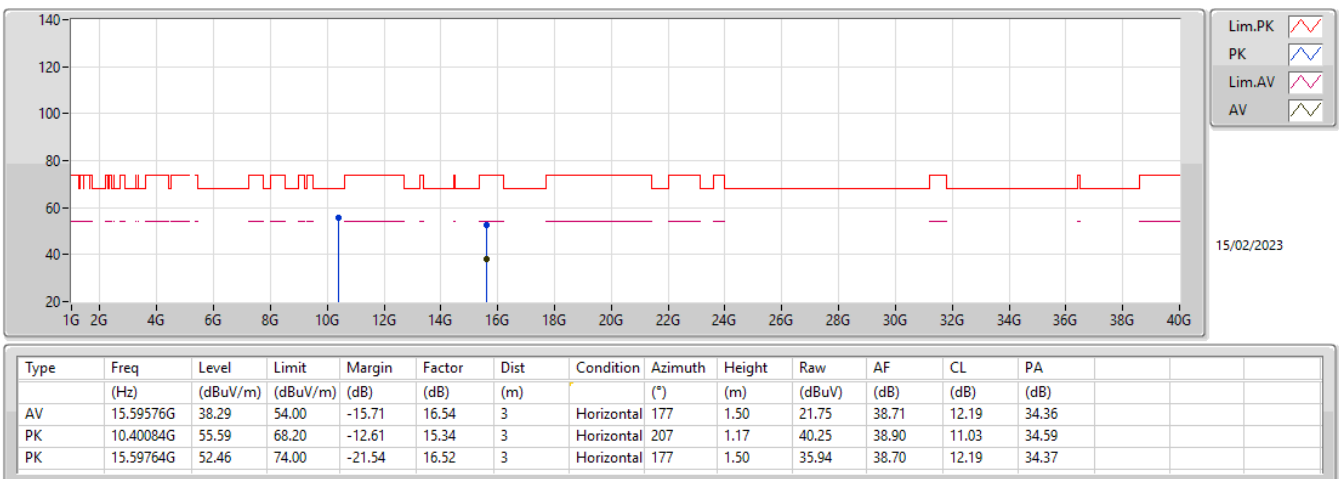
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX(Port2)

5200MHz_TX



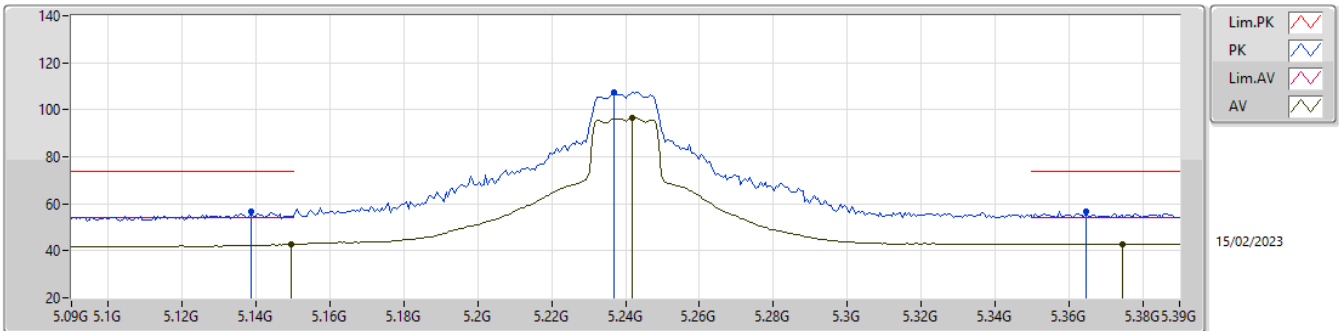
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX(Port2)

5200MHz_TX



5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX(Port2)

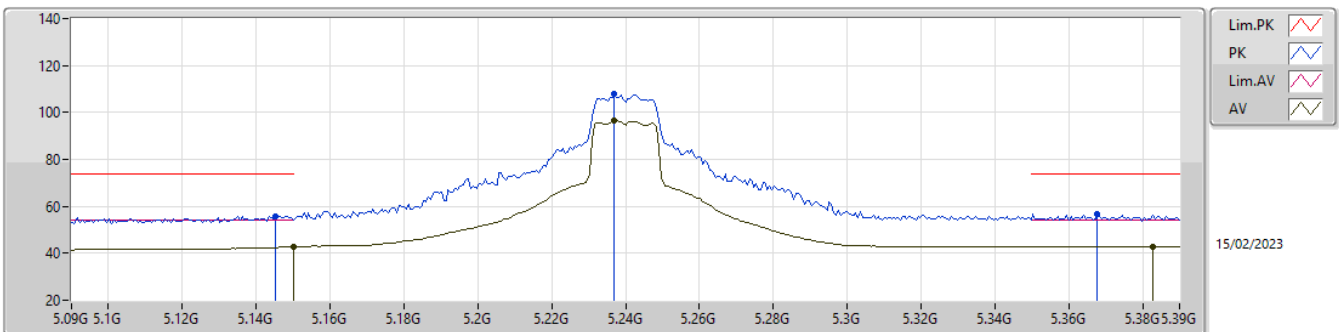
5240MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1494G	42.71	54.00	-11.29	5.37	3	Vertical	208	1.50	37.34	33.10	6.41	34.14
AV	5.2418G	96.48	Inf	-Inf	5.35	3	Vertical	208	1.50	91.13	33.02	6.48	34.15
AV	5.3744G	42.83	54.00	-11.17	5.31	3	Vertical	208	1.50	37.52	32.90	6.57	34.16
PK	5.1386G	56.61	74.00	-17.39	5.36	3	Vertical	208	1.50	51.25	33.10	6.40	34.14
PK	5.237G	107.47	Inf	-Inf	5.36	3	Vertical	208	1.50	102.11	33.03	6.48	34.15
PK	5.3648G	56.93	74.00	-17.07	5.31	3	Vertical	208	1.50	51.62	32.90	6.57	34.16

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX(Port2)

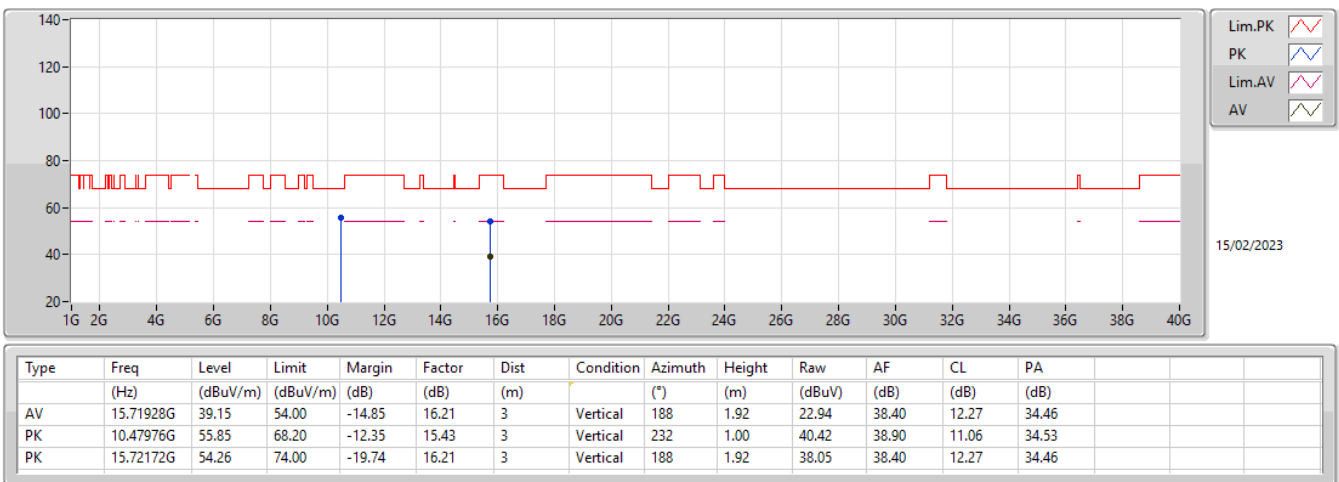
5240MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	42.69	54.00	-11.31	5.37	3	Horizontal	175	1.78	37.32	33.10	6.41	34.14
AV	5.237G	96.36	Inf	-Inf	5.36	3	Horizontal	175	1.78	91.00	33.03	6.48	34.15
AV	5.3828G	42.78	54.00	-11.22	5.31	3	Horizontal	175	1.78	37.47	32.90	6.58	34.17
PK	5.1452G	55.87	74.00	-18.13	5.37	3	Horizontal	175	1.78	50.50	33.10	6.41	34.14
PK	5.237G	107.68	Inf	-Inf	5.36	3	Horizontal	175	1.78	102.32	33.03	6.48	34.15
PK	5.3678G	56.94	74.00	-17.06	5.31	3	Horizontal	175	1.78	51.63	32.90	6.57	34.16

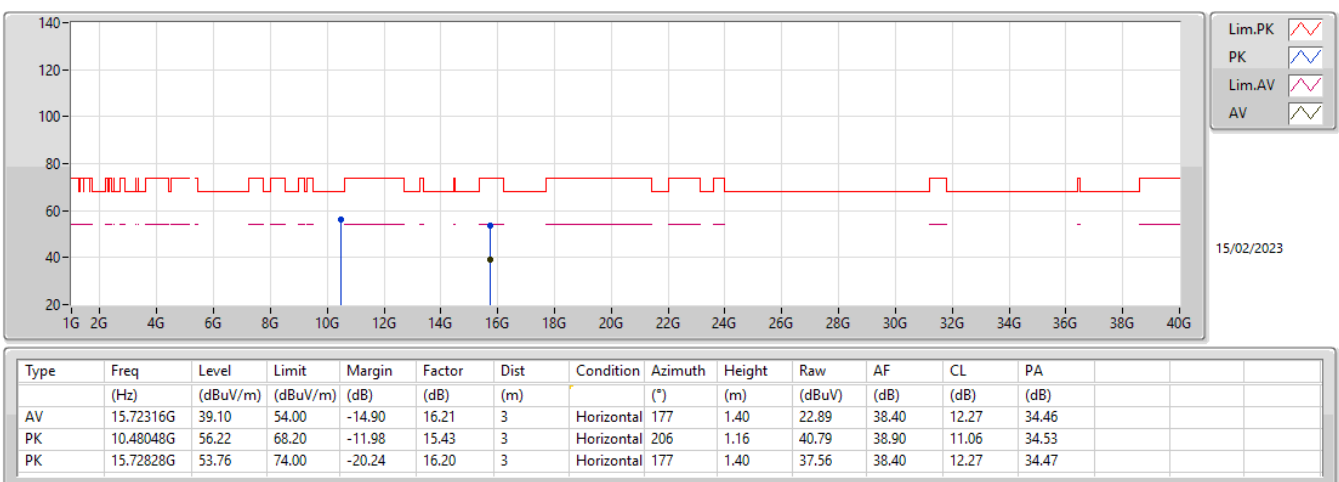
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX(Port2)

5240MHz_TX



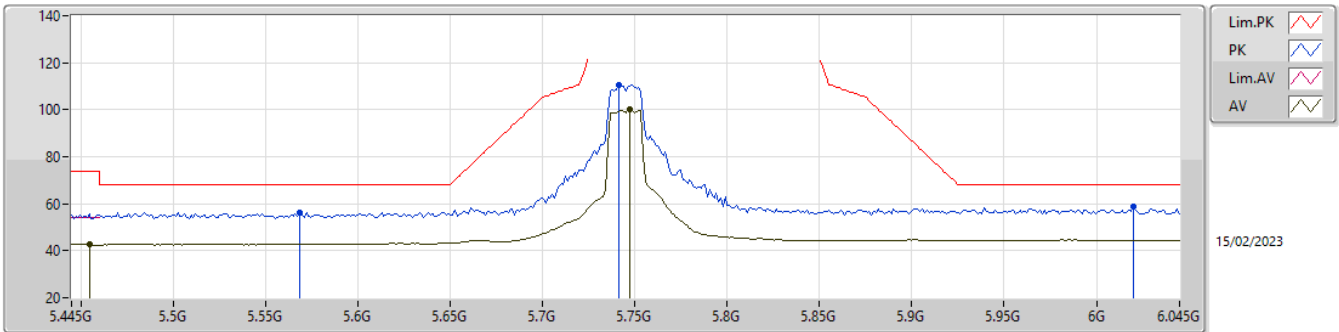
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX(Port2)

5240MHz_TX



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX(Port2)

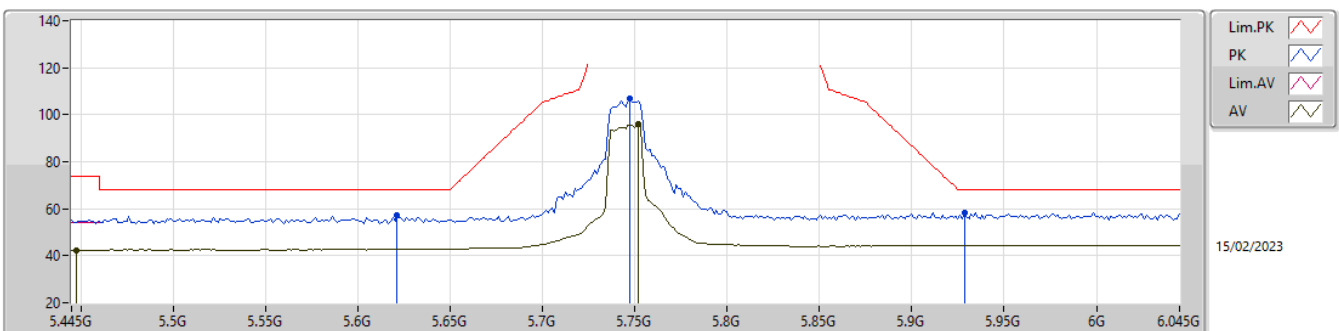
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4546G	42.63	54.00	-11.37	5.37	3	Vertical	103	1.91	37.26	32.90	6.64	34.17
AV	5.7474G	99.94	Inf	-Inf	6.46	3	Vertical	103	1.91	93.48	33.79	6.87	34.20
PK	5.5686G	56.28	68.20	-11.92	5.49	3	Vertical	103	1.91	50.79	32.94	6.74	34.19
PK	5.7414G	110.48	Inf	-Inf	6.43	3	Vertical	103	1.91	104.05	33.77	6.86	34.20
PK	6.0198G	58.68	68.20	-9.52	6.96	3	Vertical	103	1.91	51.72	34.10	7.08	34.22

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX(Port2)

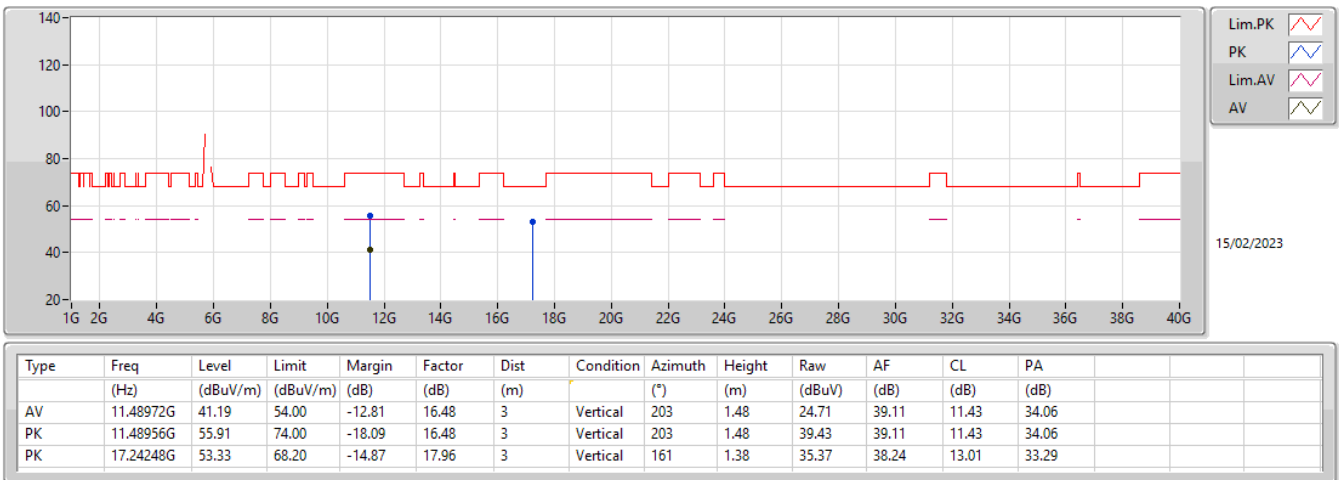
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4474G	42.49	54.00	-11.51	5.36	3	Horizontal	168	2.03	37.13	32.90	6.63	34.17
AV	5.7522G	96.06	Inf	-Inf	6.48	3	Horizontal	168	2.03	89.58	33.81	6.87	34.20
PK	5.6214G	57.10	68.20	-11.10	5.59	3	Horizontal	168	2.03	51.51	33.00	6.78	34.19
PK	5.7474G	107.09	Inf	-Inf	6.46	3	Horizontal	168	2.03	100.63	33.79	6.87	34.20
PK	5.9286G	58.38	68.20	-9.82	7.04	3	Horizontal	168	2.03	51.34	34.24	7.01	34.21

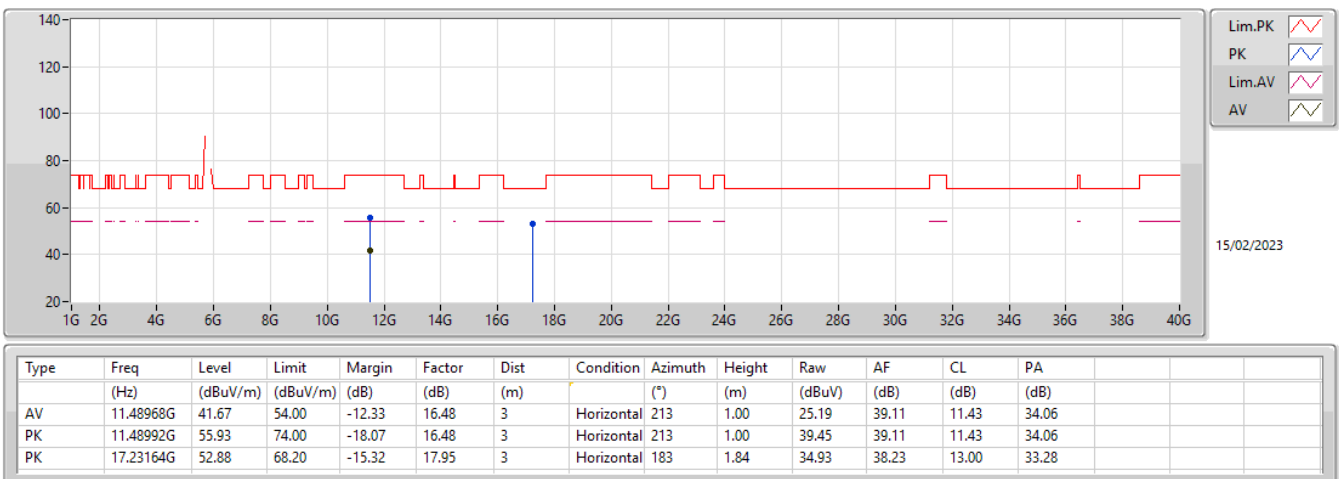
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX(Port2)

5745MHz_TX



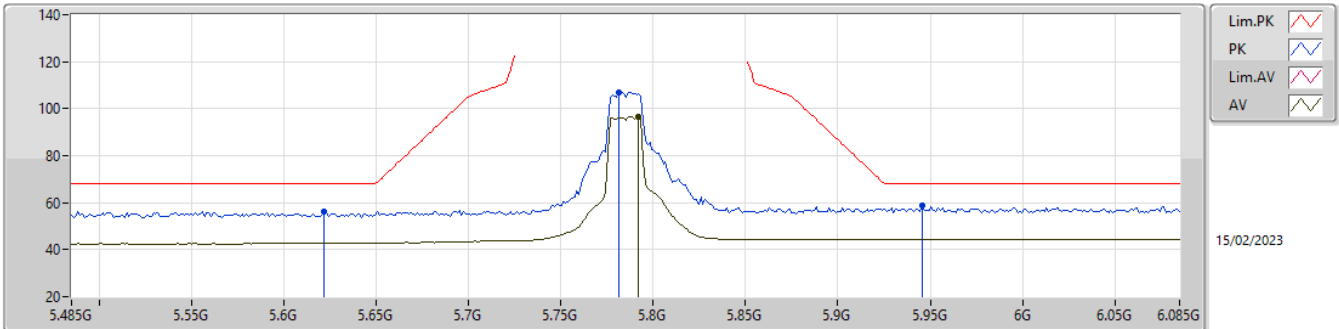
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX(Port2)

5745MHz_TX



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX(Port2)

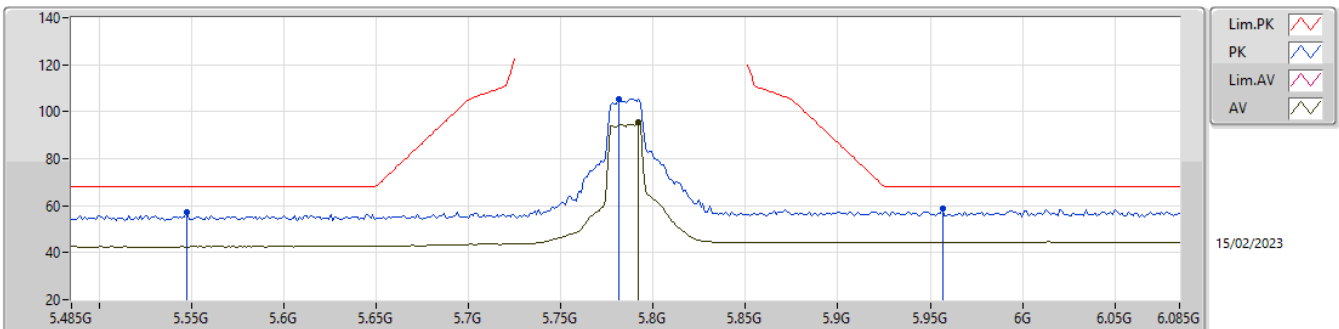
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7922G	96.80	Inf	-Inf	6.74	3	Vertical	156	2.72	90.06	34.05	6.89	34.20
PK	5.6218G	56.22	68.20	-11.98	5.59	3	Vertical	156	2.72	50.63	33.00	6.78	34.19
PK	5.7814G	107.08	Inf	-Inf	6.68	3	Vertical	156	2.72	100.40	33.99	6.89	34.20
PK	5.9458G	58.72	68.20	-9.48	7.01	3	Vertical	156	2.72	51.71	34.21	7.02	34.22

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX(Port2)

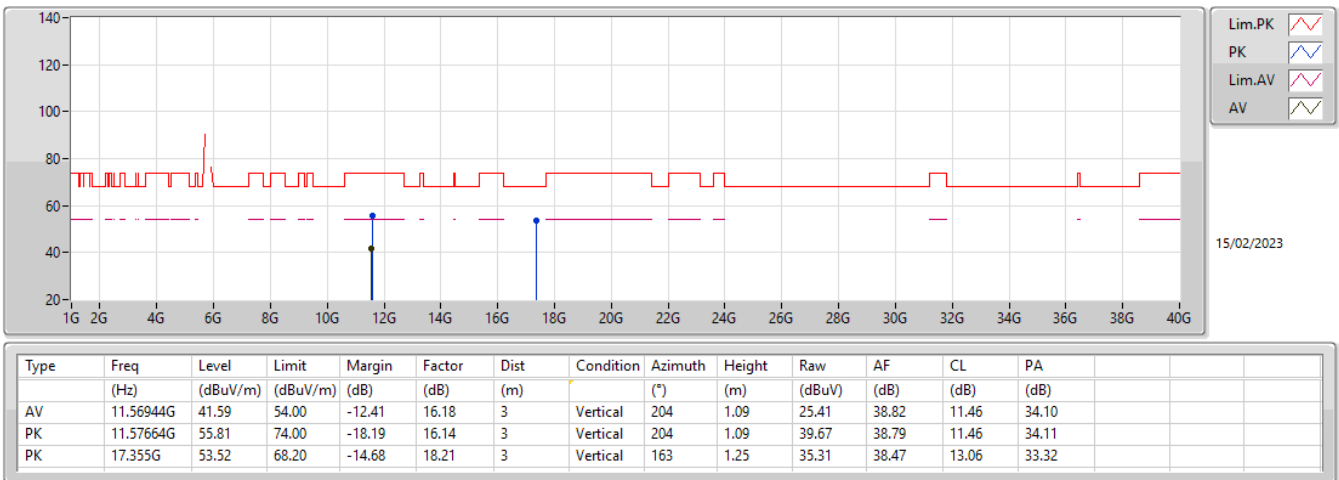
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7922G	95.33	Inf	-Inf	6.74	3	Horizontal	168	2.02	88.59	34.05	6.89	34.20
PK	5.5474G	57.00	68.20	-11.20	5.44	3	Horizontal	168	2.02	51.56	32.90	6.72	34.18
PK	5.7814G	105.50	Inf	-Inf	6.68	3	Horizontal	168	2.02	98.82	33.99	6.89	34.20
PK	5.9566G	58.79	68.20	-9.41	7.00	3	Horizontal	168	2.02	51.79	34.19	7.03	34.22

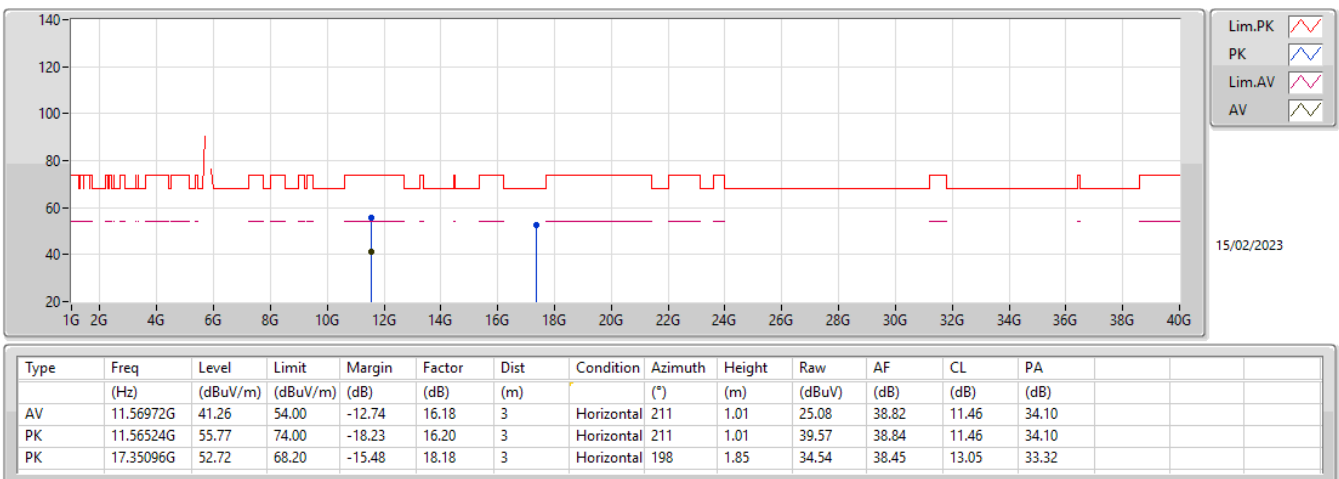
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX(Port2)

5785MHz_TX



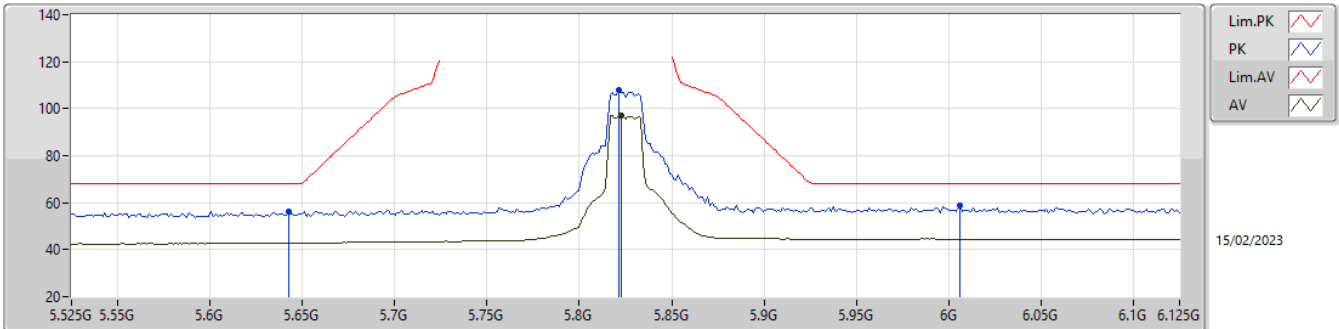
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX(Port2)

5785MHz_TX



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX(Port2)

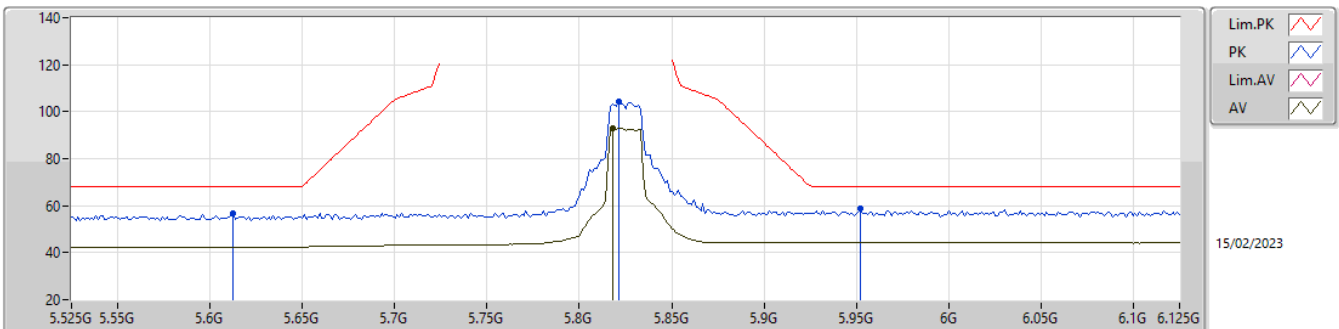
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8226G	97.01	Inf	-Inf	6.81	3	Vertical	157	2.69	90.20	34.10	6.92	34.21
PK	5.8426G	56.02	68.20	-12.18	5.61	3	Vertical	157	2.69	50.41	33.00	6.80	34.19
PK	5.8214G	108.05	Inf	-Inf	6.81	3	Vertical	157	2.69	101.24	34.10	6.92	34.21
PK	6.0062G	58.76	68.20	-9.44	6.95	3	Vertical	157	2.69	51.81	34.10	7.07	34.22

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX(Port2)

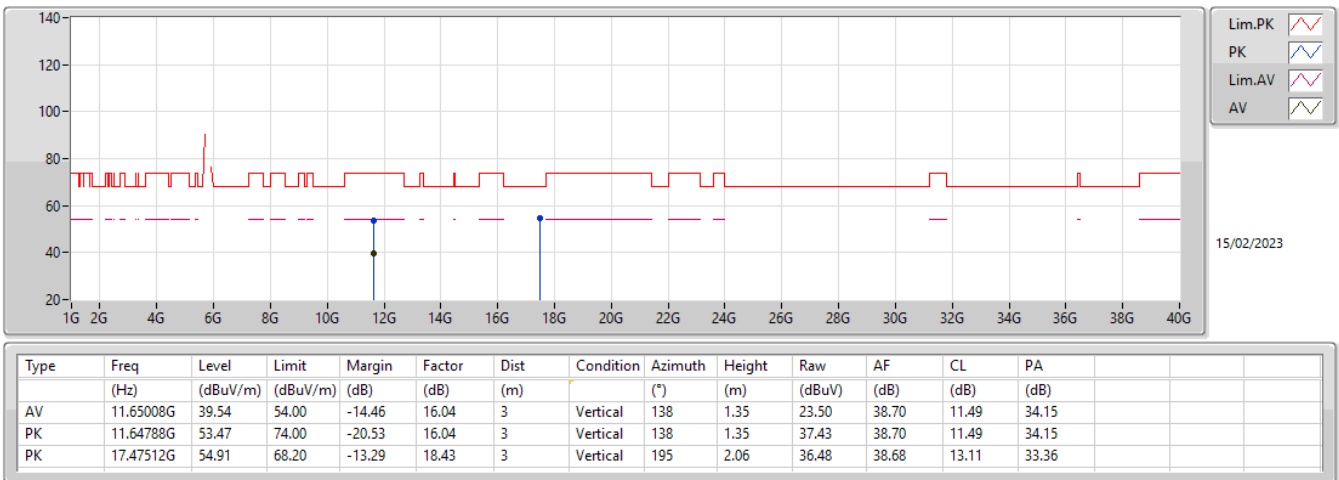
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8178G	93.04	Inf	-Inf	6.81	3	Horizontal	51	2.67	86.23	34.10	6.92	34.21
PK	5.8126G	56.69	68.20	-11.51	5.59	3	Horizontal	51	2.67	51.10	33.00	6.78	34.19
PK	5.8214G	104.12	Inf	-Inf	6.81	3	Horizontal	51	2.67	97.31	34.10	6.92	34.21
PK	5.9522G	58.57	68.20	-9.63	7.01	3	Horizontal	51	2.67	51.56	34.20	7.03	34.22

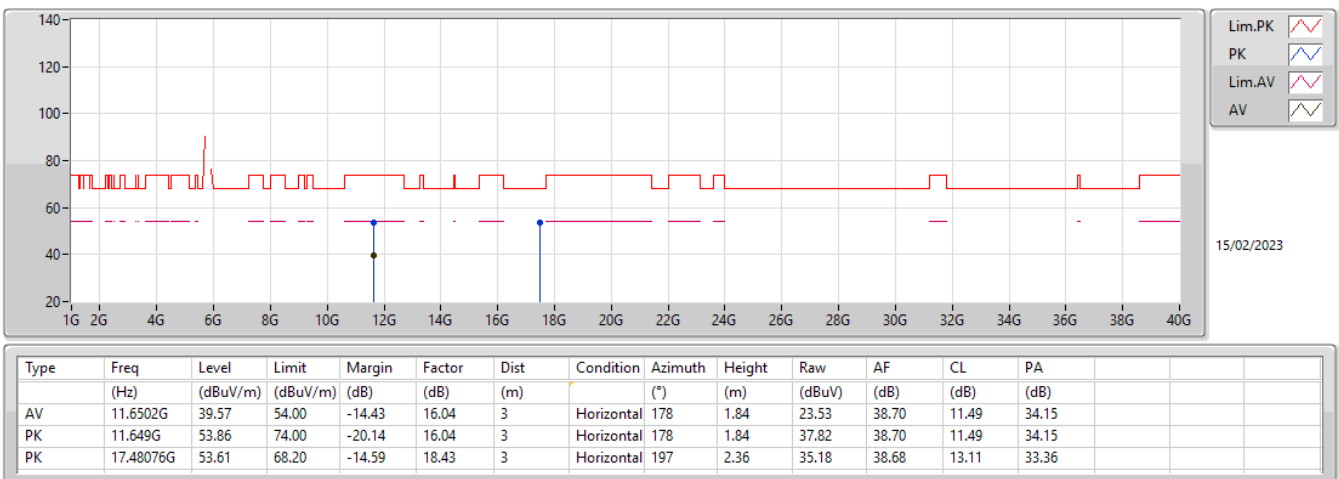
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX(Port2)

5825MHz_TX



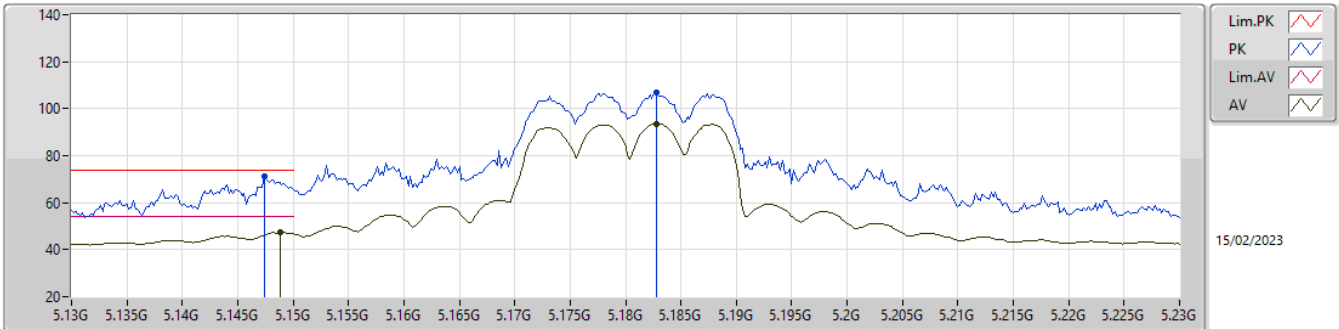
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX(Port2)

5825MHz_TX



5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

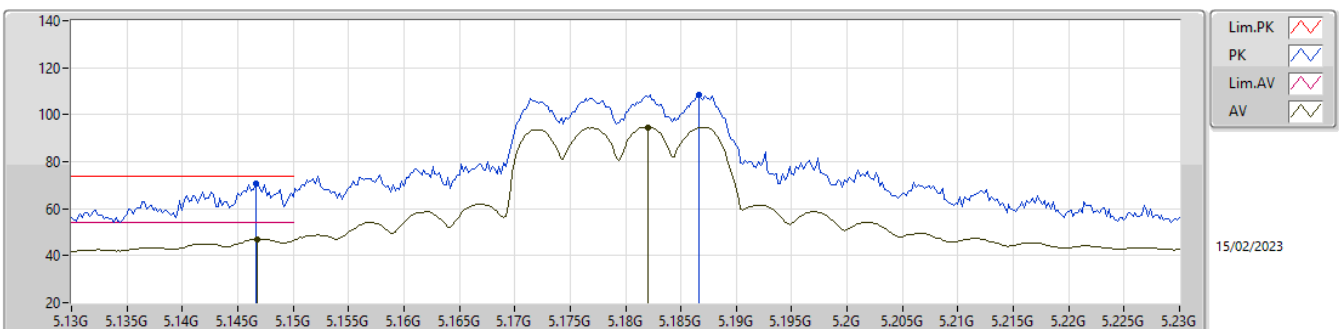
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1488G	47.47	54.00	-6.53	5.37	3	Vertical	202	1.50	42.10	33.10	6.41	34.14
AV	5.1828G	93.69	Inf	-Inf	5.40	3	Vertical	202	1.50	88.29	33.10	6.44	34.14
PK	5.1474G	71.26	74.00	-2.74	5.37	3	Vertical	202	1.50	65.89	33.10	6.41	34.14
PK	5.1828G	106.64	Inf	-Inf	5.40	3	Vertical	202	1.50	101.24	33.10	6.44	34.14

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

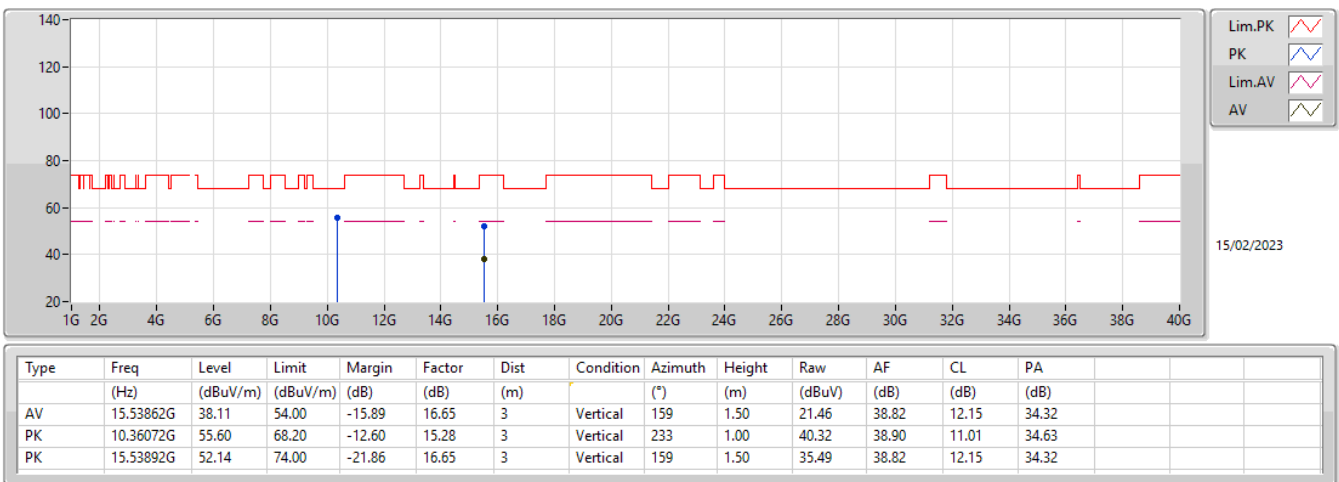
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1468G	47.01	54.00	-6.99	5.37	3	Horizontal	163	3.00	41.64	33.10	6.41	34.14
AV	5.182G	94.66	Inf	-Inf	5.40	3	Horizontal	163	3.00	89.26	33.10	6.44	34.14
PK	5.1466G	70.48	74.00	-3.52	5.37	3	Horizontal	163	3.00	65.11	33.10	6.41	34.14
PK	5.1866G	108.45	Inf	-Inf	5.40	3	Horizontal	163	3.00	103.05	33.10	6.44	34.14

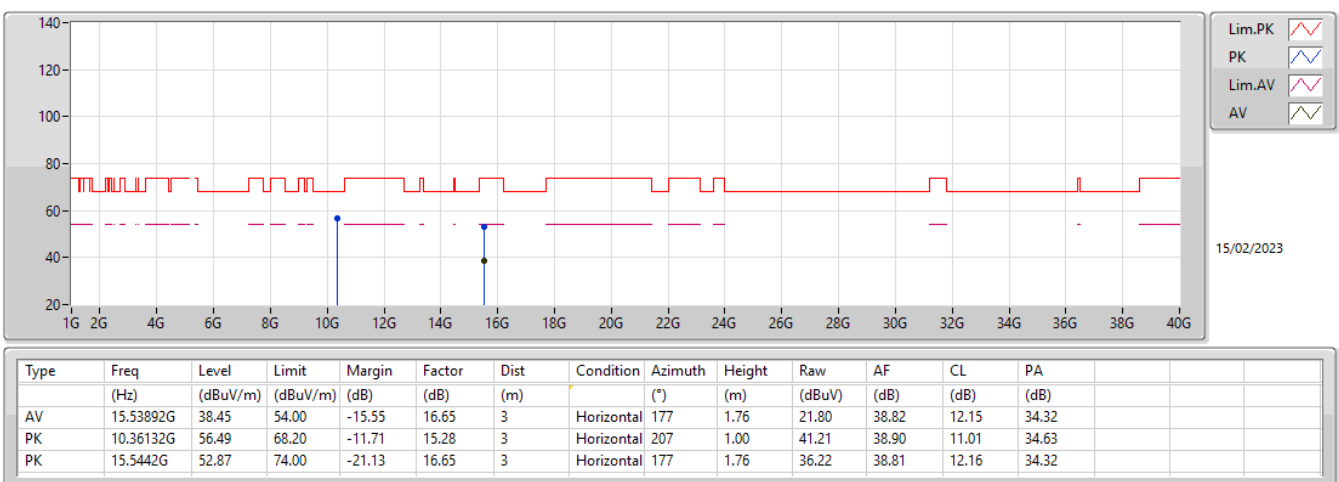
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz_TX



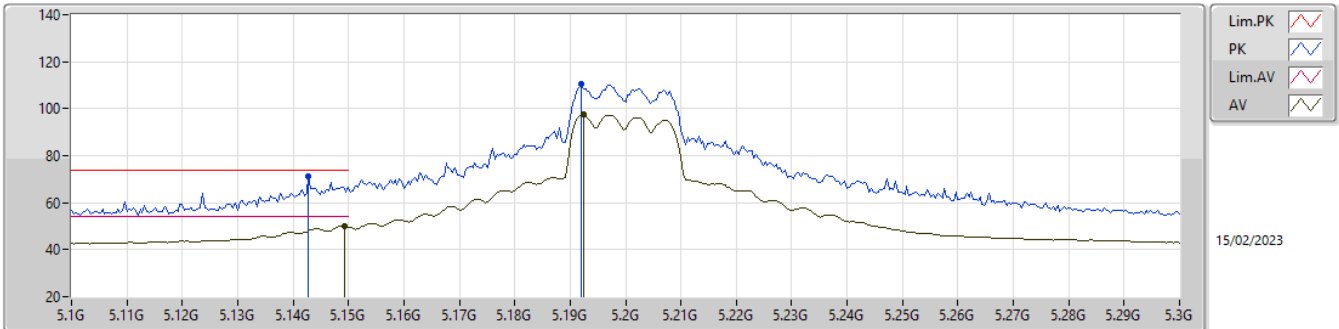
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz_TX



5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

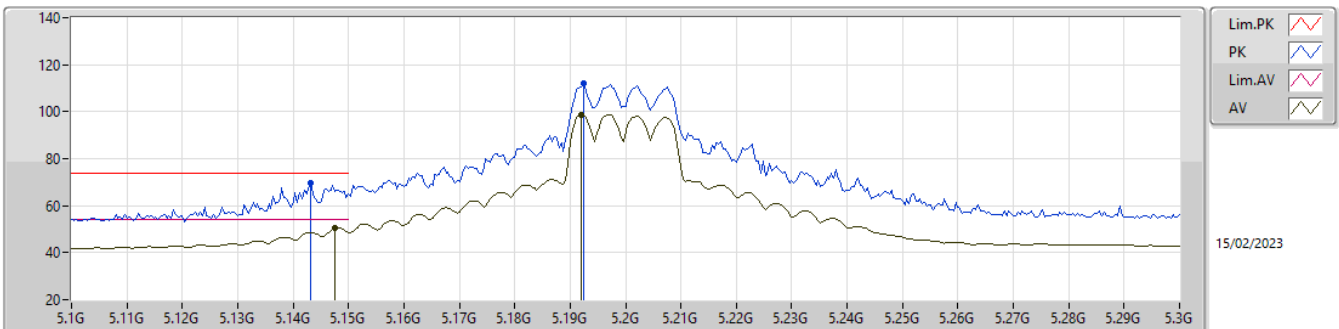
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1492G	50.01	54.00	-3.99	5.37	3	Vertical	206	1.50	44.64	33.10	6.41	34.14
AV	5.1924G	97.36	Inf	-Inf	5.40	3	Vertical	206	1.50	91.96	33.10	6.44	34.14
PK	5.1428G	71.05	74.00	-2.95	5.37	3	Vertical	206	1.50	65.68	33.10	6.41	34.14
PK	5.192G	110.50	Inf	-Inf	5.40	3	Vertical	206	1.50	105.10	33.10	6.44	34.14

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

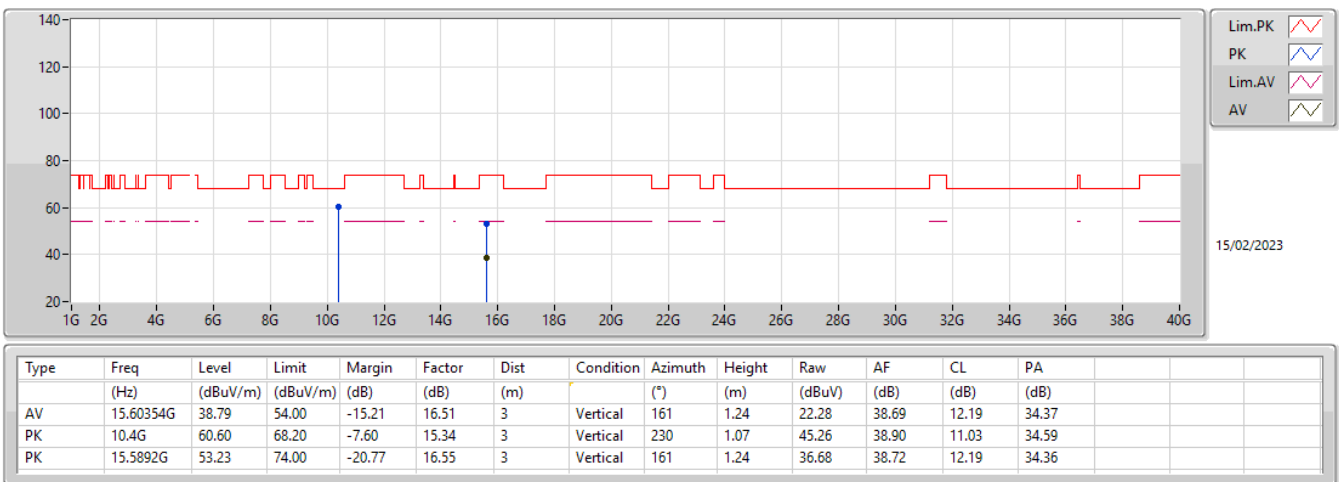
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1476G	50.39	54.00	-3.61	5.37	3	Horizontal	163	3.00	45.02	33.10	6.41	34.14
AV	5.192G	98.48	Inf	-Inf	5.40	3	Horizontal	163	3.00	93.08	33.10	6.44	34.14
PK	5.1432G	69.59	74.00	-4.41	5.37	3	Horizontal	163	3.00	64.22	33.10	6.41	34.14
PK	5.1924G	111.91	Inf	-Inf	5.40	3	Horizontal	163	3.00	106.51	33.10	6.44	34.14

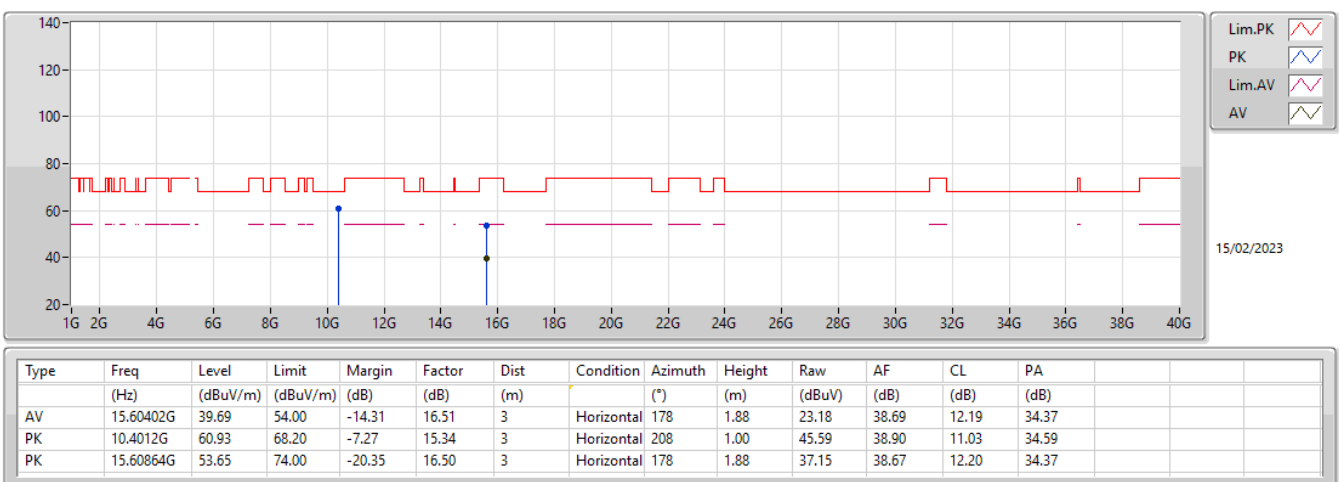
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz_TX



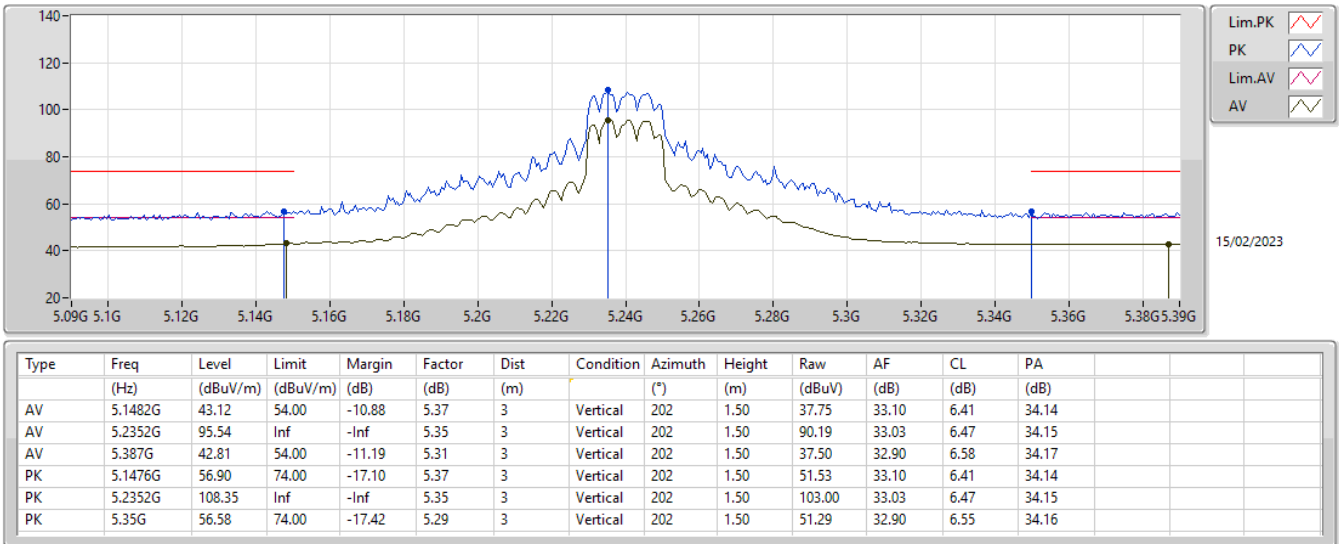
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz_TX



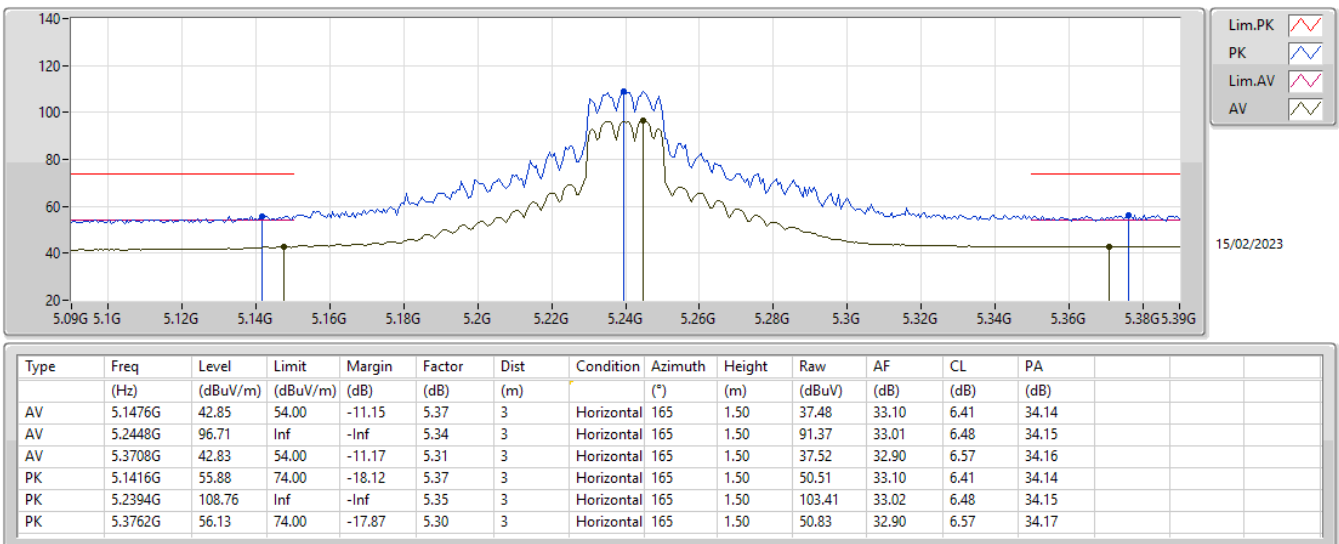
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TX



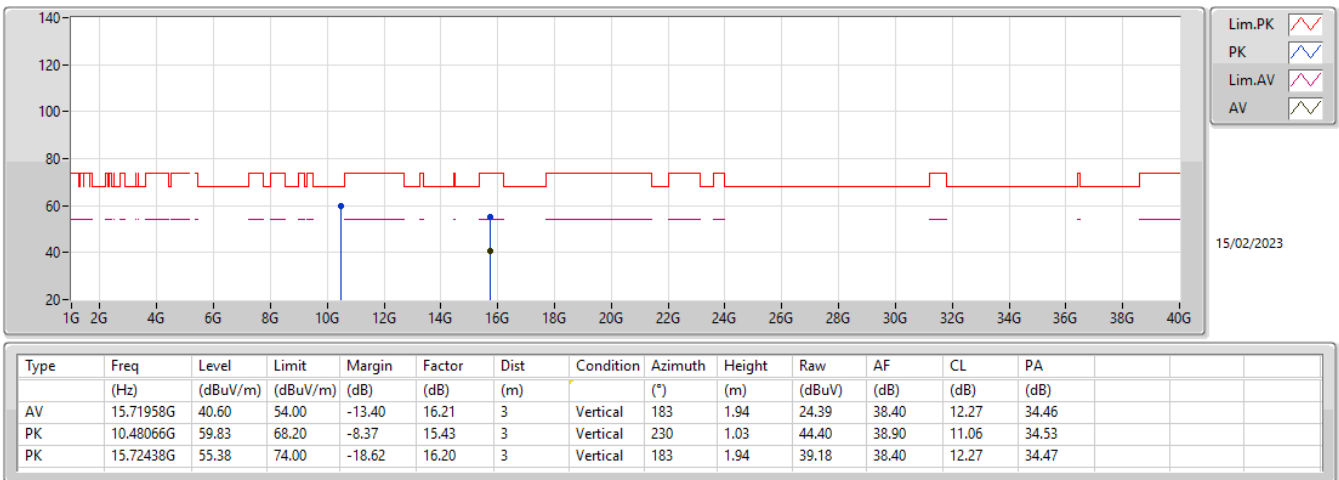
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TX



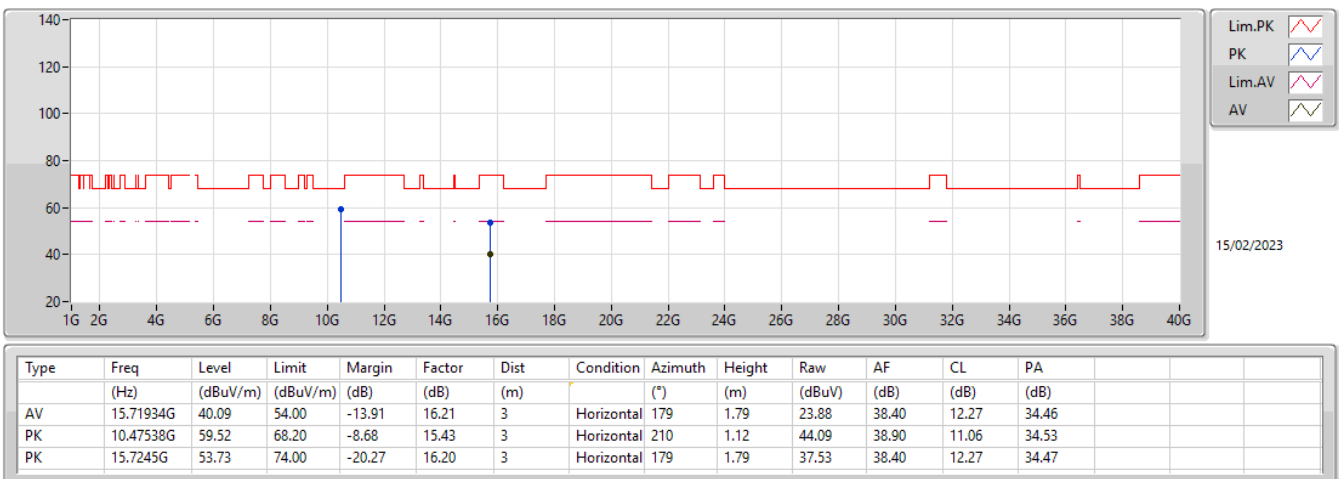
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TX



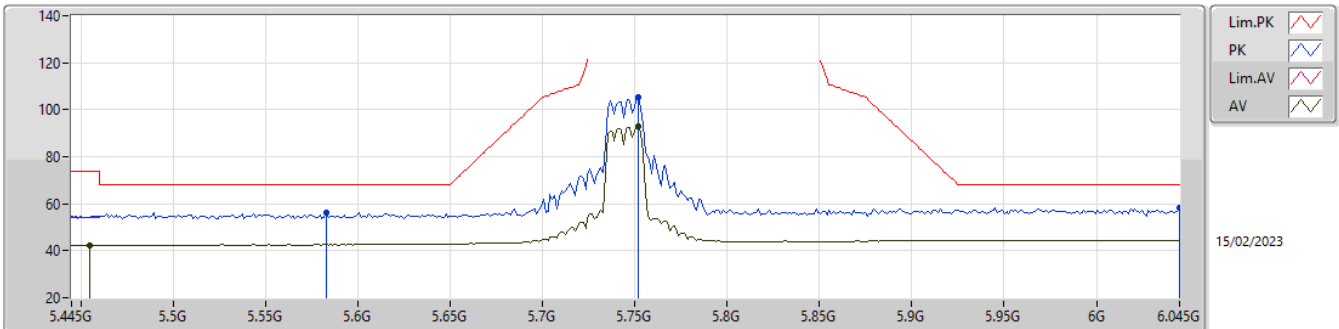
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TX



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

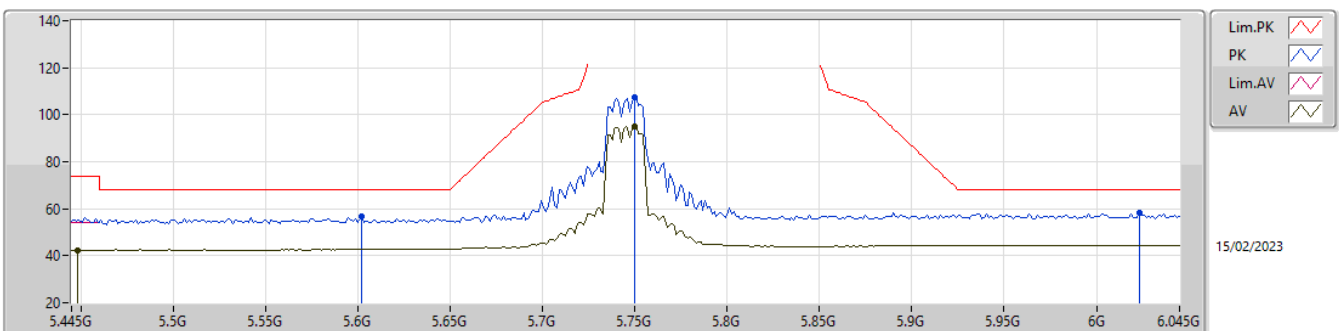
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4546G	42.46	54.00	-11.54	5.37	3	Vertical	168	1.50	37.09	32.90	6.64	34.17
AV	5.7522G	92.90	Inf	-Inf	6.48	3	Vertical	168	1.50	86.42	33.81	6.87	34.20
PK	5.583G	56.42	68.20	-11.78	5.53	3	Vertical	168	1.50	50.89	32.97	6.75	34.19
PK	5.7522G	105.31	Inf	-Inf	6.48	3	Vertical	168	1.50	98.83	33.81	6.87	34.20
PK	6.045G	58.46	68.20	-9.74	6.96	3	Vertical	168	1.50	51.50	34.10	7.09	34.23

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

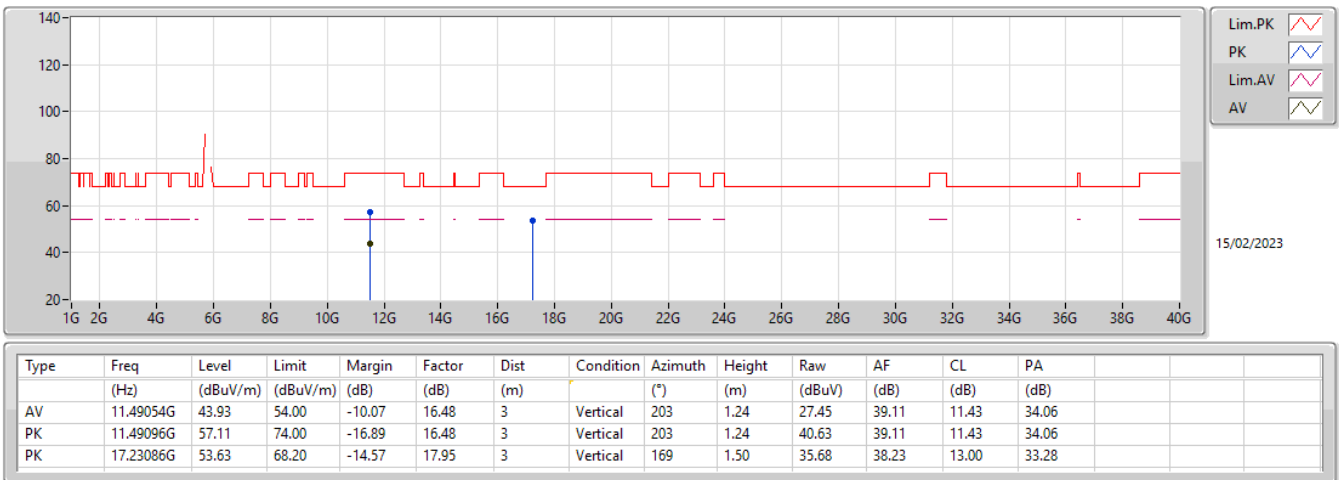
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4486G	42.47	54.00	-11.53	5.36	3	Horizontal	170	1.50	37.11	32.90	6.63	34.17
AV	5.7498G	95.22	Inf	-Inf	6.47	3	Horizontal	170	1.50	88.75	33.80	6.87	34.20
PK	5.6022G	56.77	68.20	-11.43	5.58	3	Horizontal	170	1.50	51.19	33.00	6.77	34.19
PK	5.7498G	107.41	Inf	-Inf	6.47	3	Horizontal	170	1.50	100.94	33.80	6.87	34.20
PK	6.0234G	58.53	68.20	-9.67	6.95	3	Horizontal	170	1.50	51.58	34.10	7.08	34.23

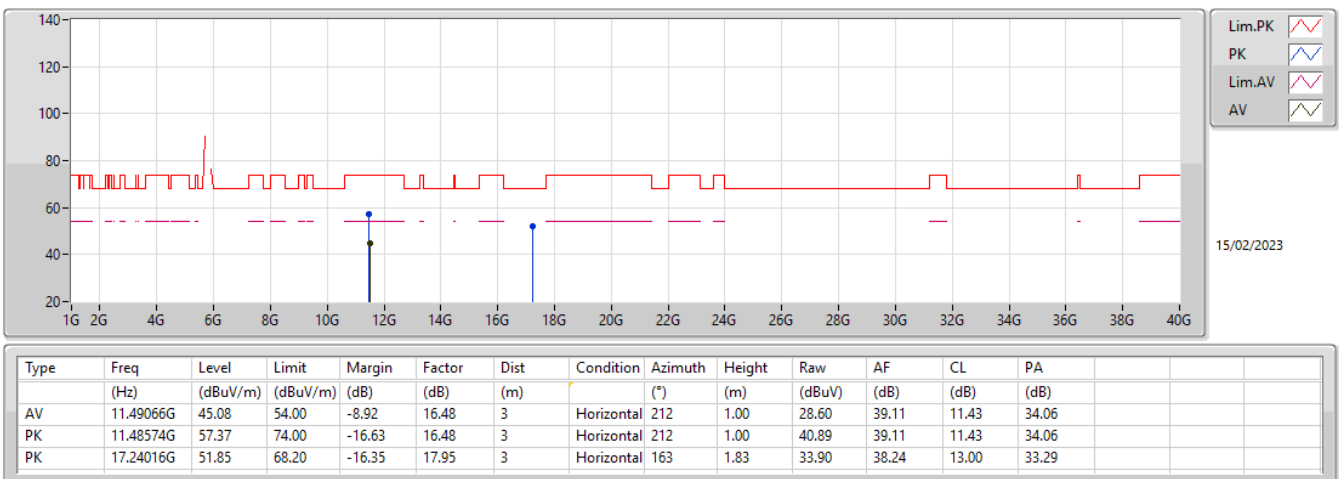
5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz_TX



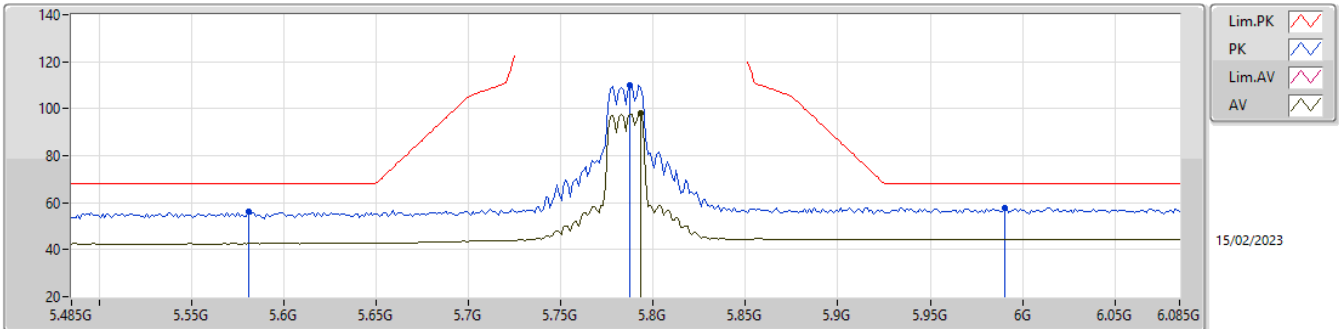
5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz_TX



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

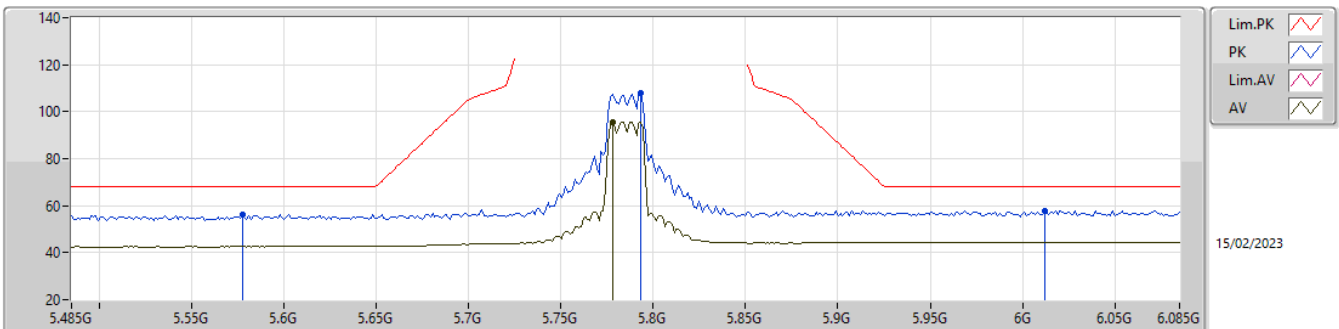
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7934G	97.88	Inf	-Inf	6.76	3	Vertical	206	1.50	91.12	34.06	6.90	34.20
PK	5.581G	56.33	68.20	-11.87	5.52	3	Vertical	206	1.50	50.81	32.96	6.75	34.19
PK	5.7874G	110.25	Inf	-Inf	6.71	3	Vertical	206	1.50	103.54	34.02	6.89	34.20
PK	5.9902G	57.64	68.20	-10.56	6.96	3	Vertical	206	1.50	50.68	34.12	7.06	34.22

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

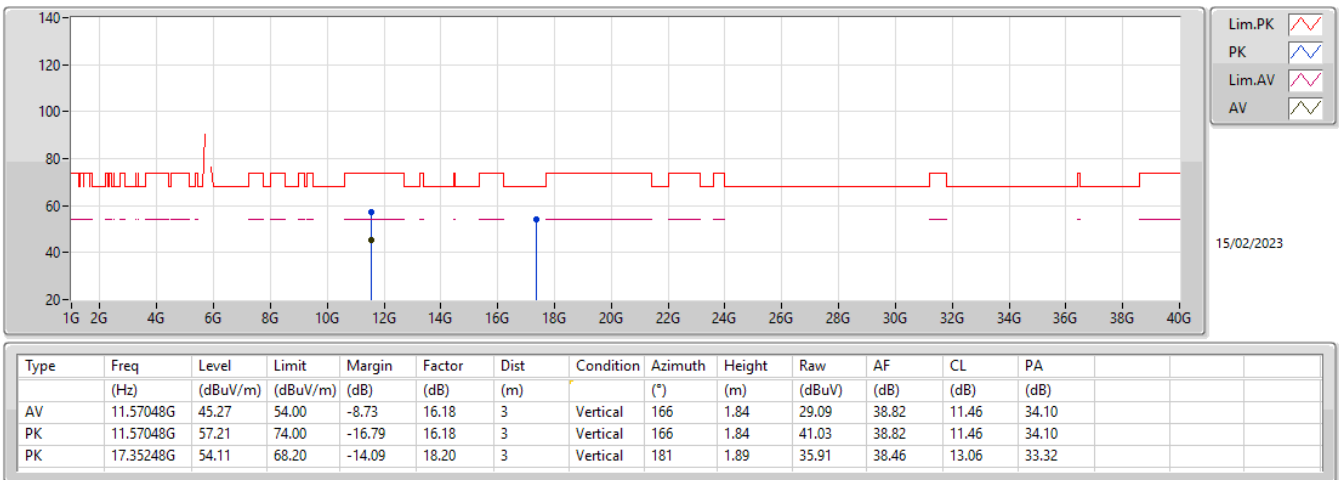
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7778G	95.59	Inf	-Inf	6.66	3	Horizontal	168	1.50	88.93	33.97	6.89	34.20
PK	5.5774G	56.44	68.20	-11.76	5.51	3	Horizontal	168	1.50	50.93	32.95	6.75	34.19
PK	5.7934G	107.69	Inf	-Inf	6.76	3	Horizontal	168	1.50	100.93	34.06	6.90	34.20
PK	6.0118G	57.88	68.20	-10.32	6.96	3	Horizontal	168	1.50	50.92	34.10	7.08	34.22

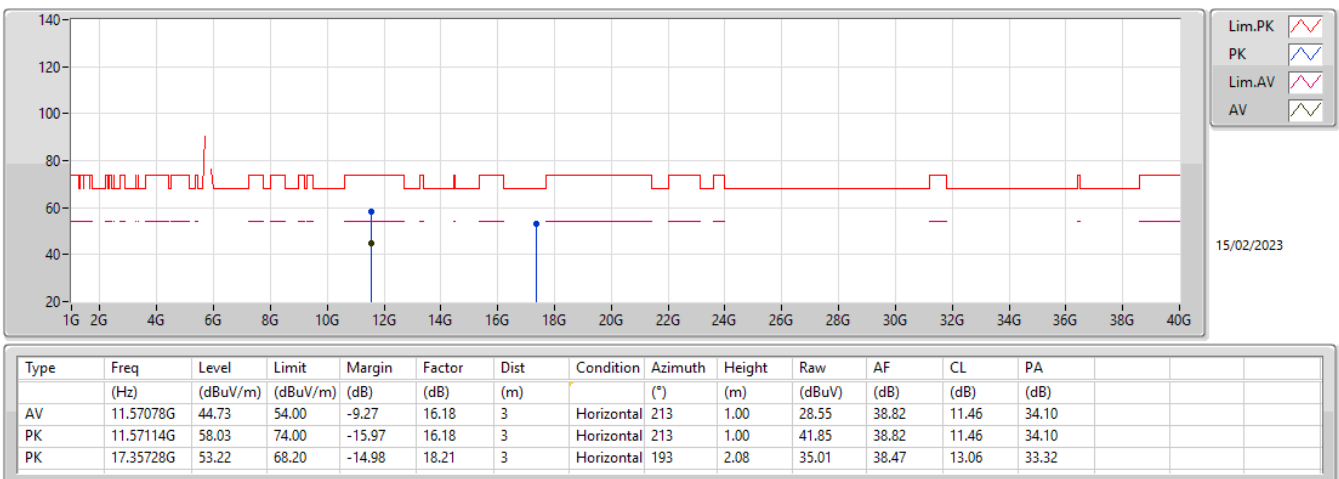
5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5785MHz_TX



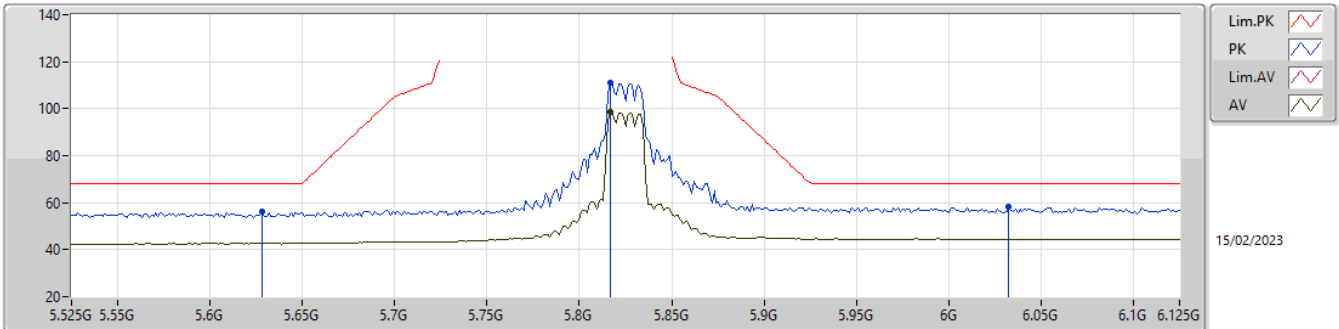
5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5785MHz_TX



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

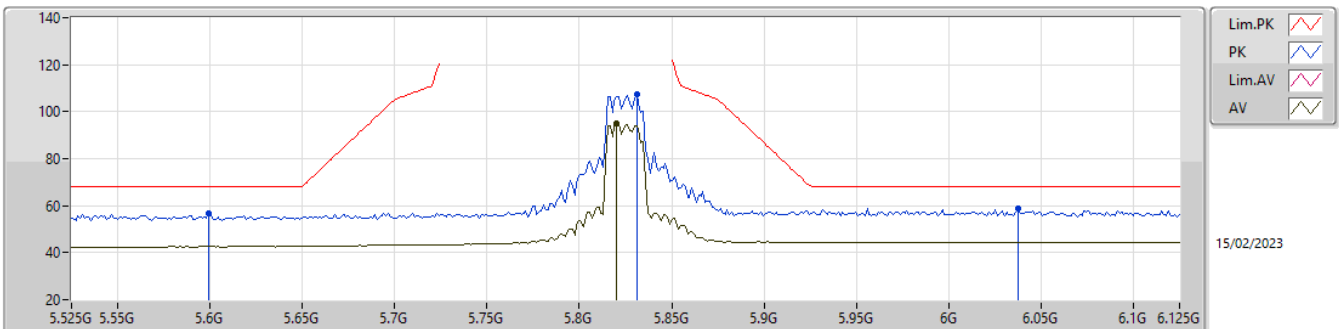
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8166G	98.60	Inf	-Inf	6.80	3	Vertical	157	1.50	91.80	34.10	6.91	34.21
PK	5.8282G	56.17	68.20	-12.03	5.60	3	Vertical	157	1.50	50.57	33.00	6.79	34.19
PK	5.8166G	111.24	Inf	-Inf	6.80	3	Vertical	157	1.50	104.44	34.10	6.91	34.21
PK	6.0326G	58.15	68.20	-10.05	6.96	3	Vertical	157	1.50	51.19	34.10	7.09	34.23

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

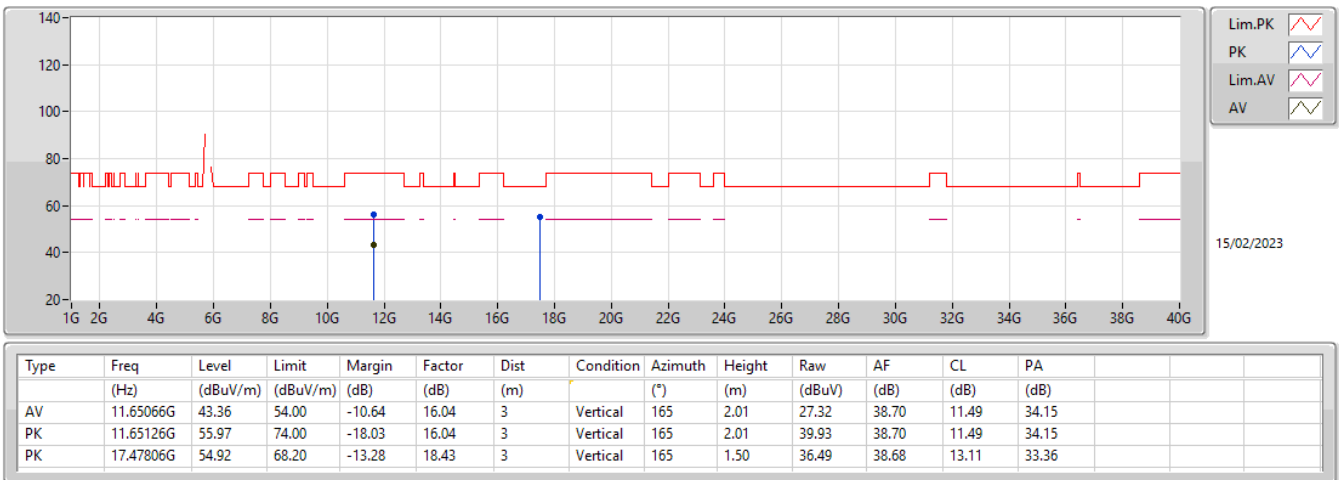
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8202G	95.09	Inf	-Inf	6.81	3	Horizontal	160	1.50	88.28	34.10	6.92	34.21
PK	5.5994G	56.96	68.20	-11.24	5.58	3	Horizontal	160	1.50	51.38	33.00	6.77	34.19
PK	5.831G	107.26	Inf	-Inf	6.82	3	Horizontal	160	1.50	100.44	34.10	6.93	34.21
PK	6.0374G	58.77	68.20	-9.43	6.96	3	Horizontal	160	1.50	51.81	34.10	7.09	34.23

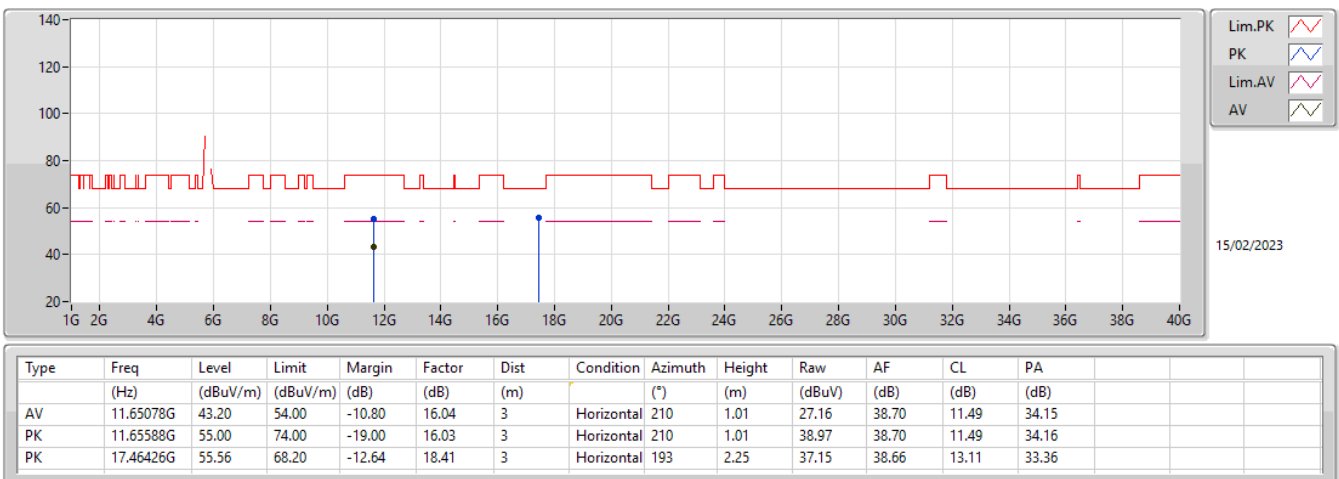
5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5825MHz_TX



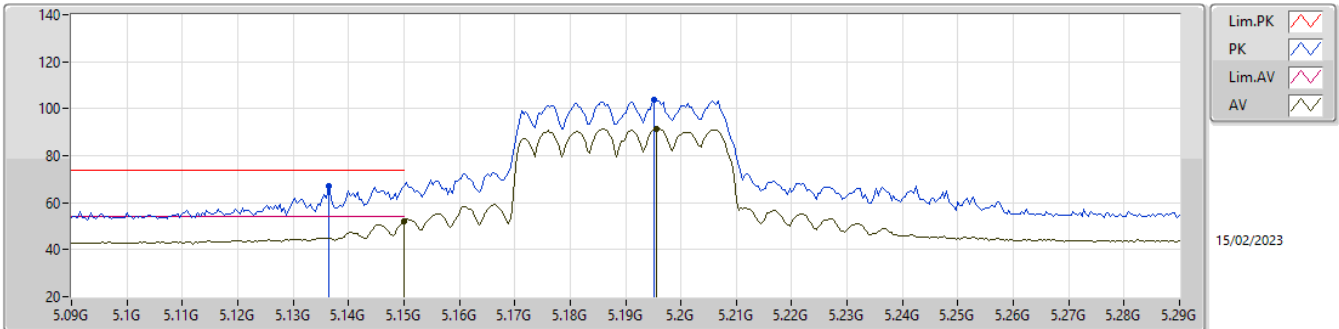
5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5825MHz_TX



5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

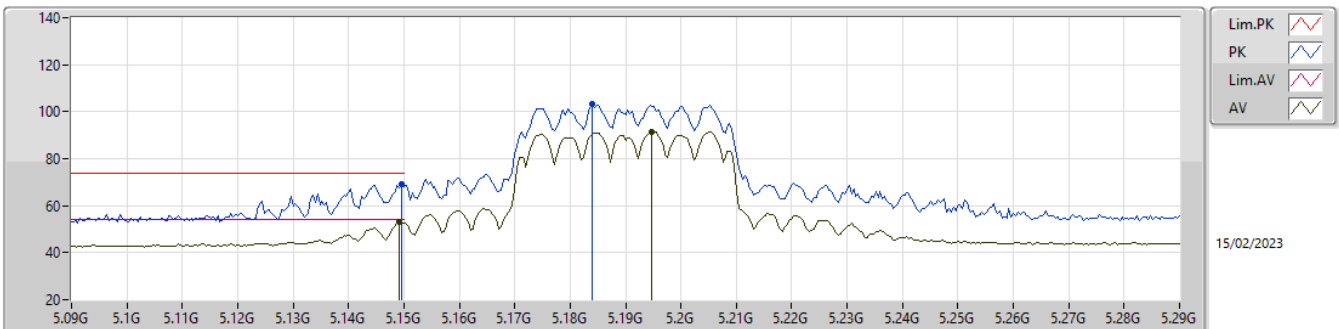
5190MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	52.22	54.00	-1.78	5.37	3	Vertical	160	2.01	46.85	33.10	6.41	34.14
AV	5.1956G	91.57	Inf	-Inf	5.41	3	Vertical	160	2.01	86.16	33.10	6.45	34.14
PK	5.1364G	66.97	74.00	-7.03	5.36	3	Vertical	160	2.01	61.61	33.10	6.40	34.14
PK	5.1952G	103.54	Inf	-Inf	5.41	3	Vertical	160	2.01	98.13	33.10	6.45	34.14

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

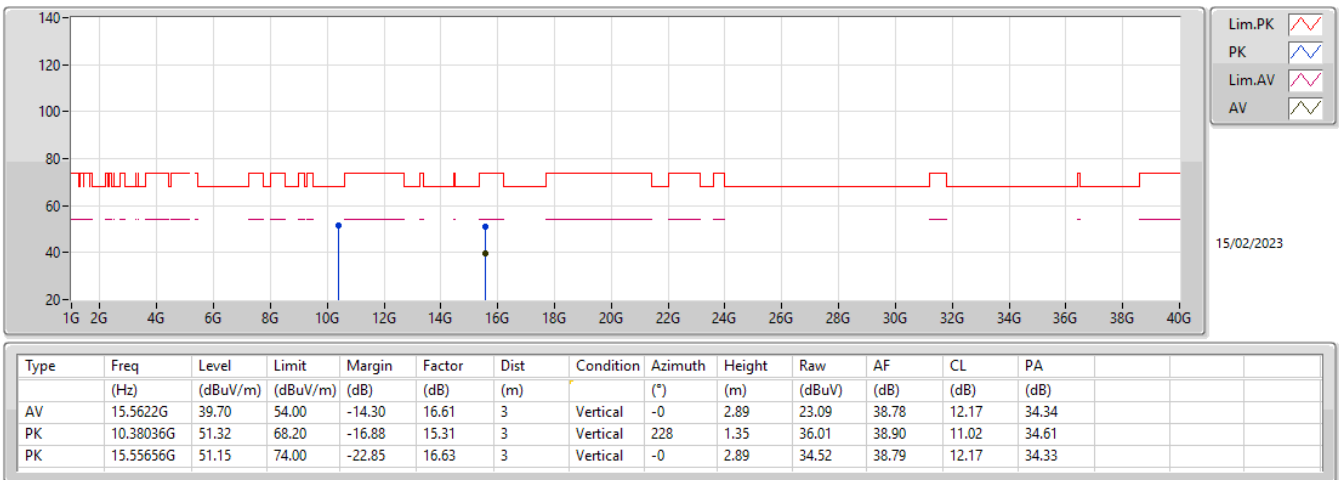
5190MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1492G	52.99	54.00	-1.01	5.37	3	Horizontal	163	1.75	47.62	33.10	6.41	34.14
AV	5.1948G	91.59	Inf	-Inf	5.41	3	Horizontal	163	1.75	86.18	33.10	6.45	34.14
PK	5.1496G	69.10	74.00	-4.90	5.37	3	Horizontal	163	1.75	63.73	33.10	6.41	34.14
PK	5.184G	103.29	Inf	-Inf	5.40	3	Horizontal	163	1.75	97.89	33.10	6.44	34.14

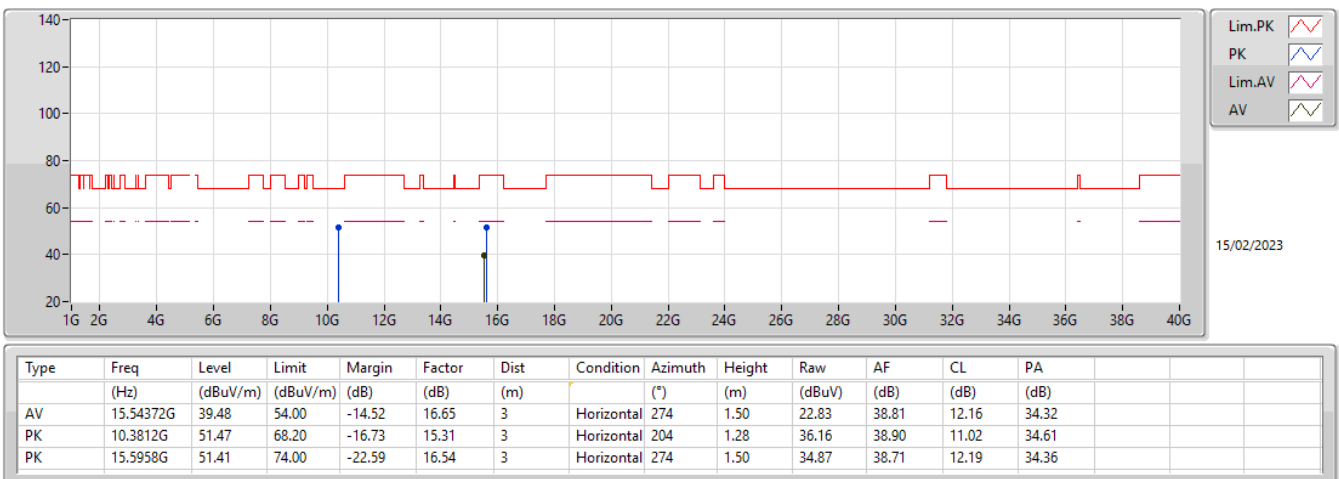
5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5190MHz_TX



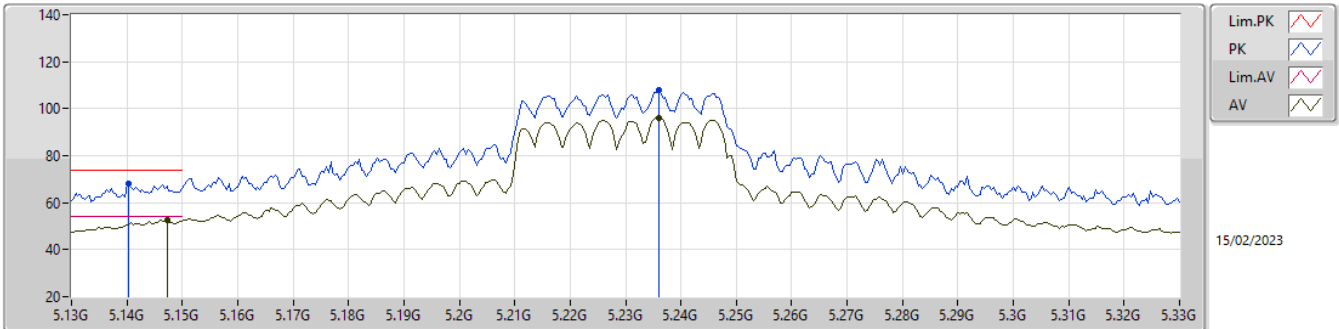
5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5190MHz_TX



5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

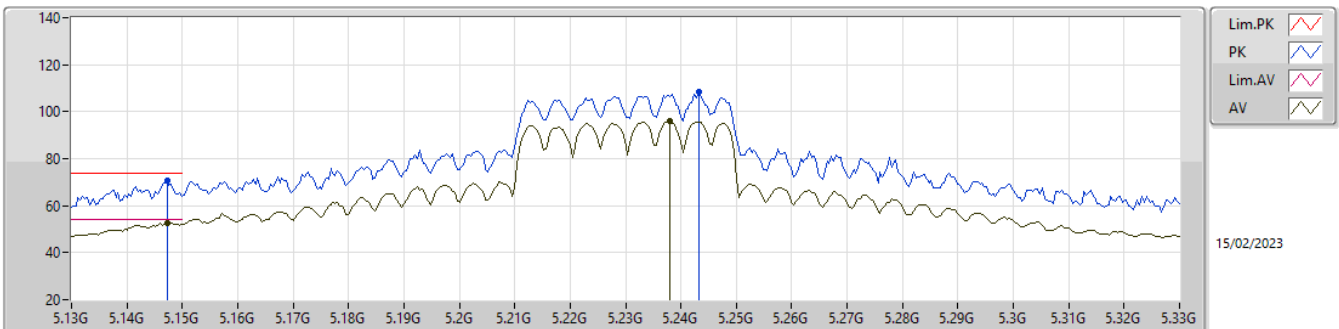
5230MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1472G	52.40	54.00	-1.60	5.37	3	Vertical	200	1.50	47.03	33.10	6.41	34.14
AV	5.236G	96.04	Inf	-Inf	5.36	3	Vertical	200	1.50	90.68	33.03	6.48	34.15
PK	5.1404G	68.30	74.00	-5.70	5.37	3	Vertical	200	1.50	62.93	33.10	6.41	34.14
PK	5.236G	107.91	Inf	-Inf	5.36	3	Vertical	200	1.50	102.55	33.03	6.48	34.15

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

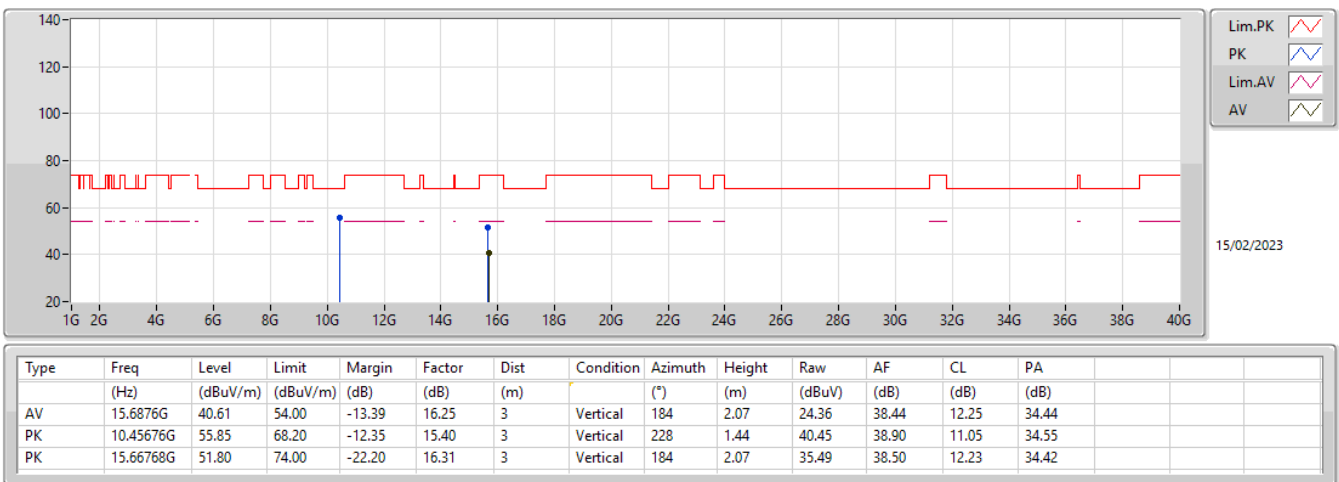
5230MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1472G	52.74	54.00	-1.26	5.37	3	Horizontal	165	1.50	47.37	33.10	6.41	34.14
AV	5.238G	95.99	Inf	-Inf	5.35	3	Horizontal	165	1.50	90.64	33.02	6.48	34.15
PK	5.1472G	70.78	74.00	-3.22	5.37	3	Horizontal	165	1.50	65.41	33.10	6.41	34.14
PK	5.2432G	108.67	Inf	-Inf	5.34	3	Horizontal	165	1.50	103.33	33.01	6.48	34.15

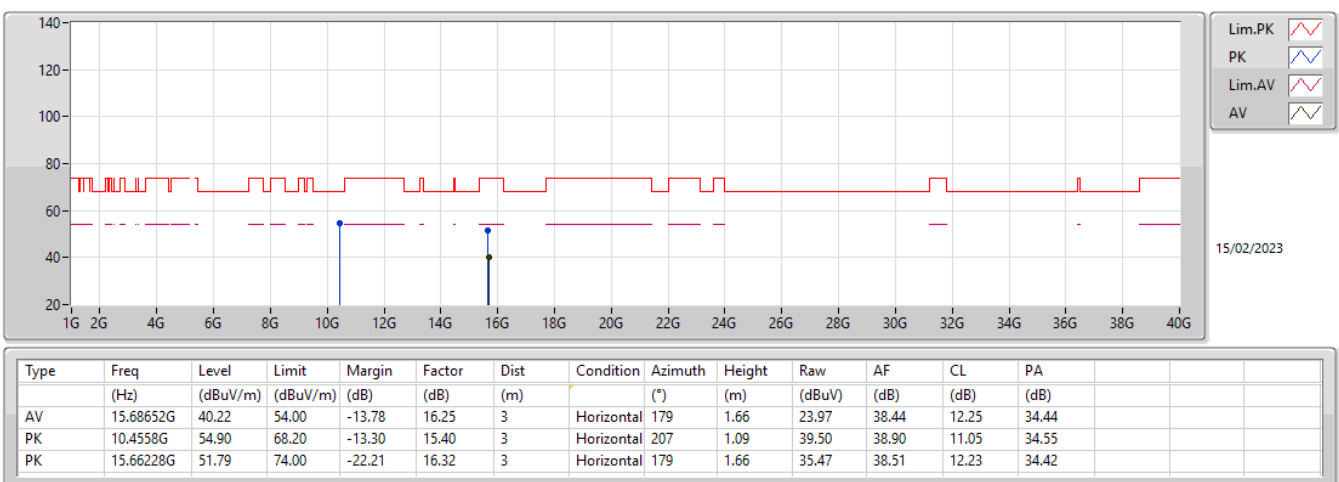
5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz_TX



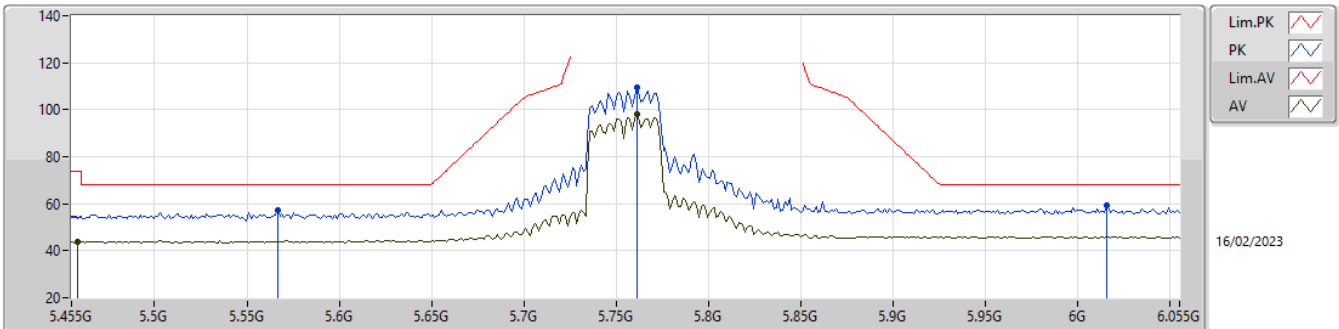
5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz_TX



5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

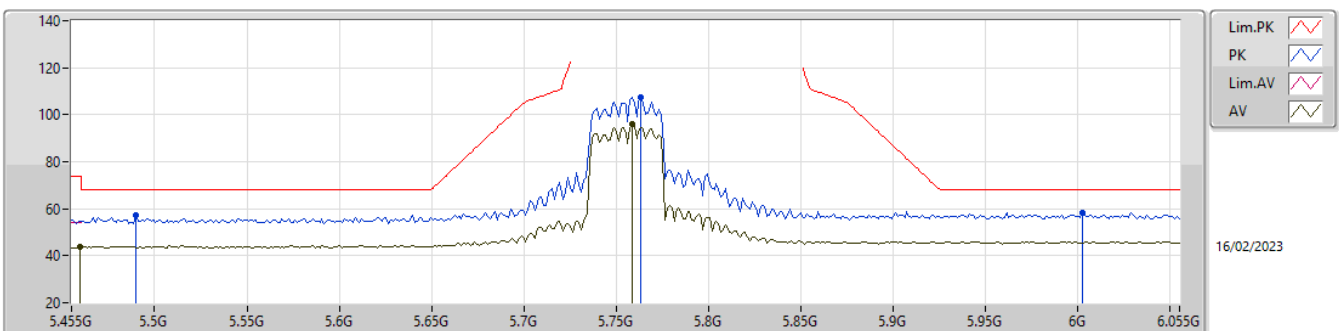
5755MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4586G	43.74	54.00	-10.26	5.36	3	Vertical	157	1.50	38.38	32.90	6.64	34.18
AV	5.761G	97.90	Inf	-Inf	6.54	3	Vertical	157	1.50	91.36	33.87	6.87	34.20
PK	5.5666G	57.39	68.20	-10.81	5.48	3	Vertical	157	1.50	51.91	32.93	6.74	34.19
PK	5.761G	109.31	Inf	-Inf	6.54	3	Vertical	157	1.50	102.77	33.87	6.87	34.20
PK	6.0154G	59.23	68.20	-8.97	6.96	3	Vertical	157	1.50	52.27	34.10	7.08	34.22

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

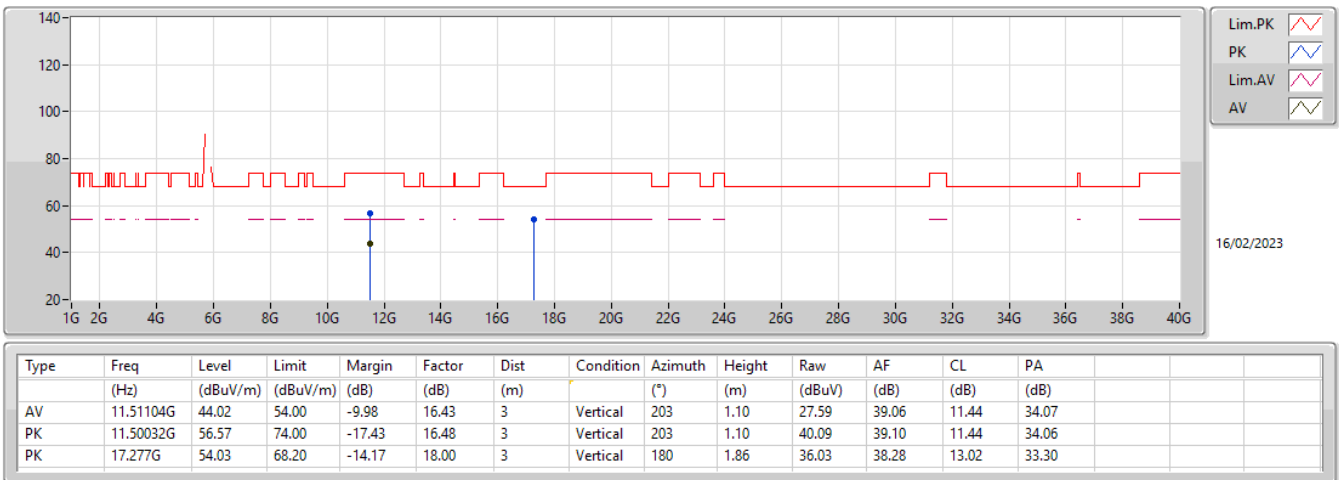
5755MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4598G	43.93	54.00	-10.07	5.36	3	Horizontal	171	1.50	38.57	32.90	6.64	34.18
AV	5.7586G	95.94	Inf	-Inf	6.52	3	Horizontal	171	1.50	89.42	33.85	6.87	34.20
PK	5.4898G	57.21	68.20	-10.99	5.39	3	Horizontal	171	1.50	51.82	32.90	6.67	34.18
PK	5.7634G	107.64	Inf	-Inf	6.56	3	Horizontal	171	1.50	101.08	33.88	6.88	34.20
PK	6.0022G	58.45	68.20	-9.75	6.95	3	Horizontal	171	1.50	51.50	34.10	7.07	34.22

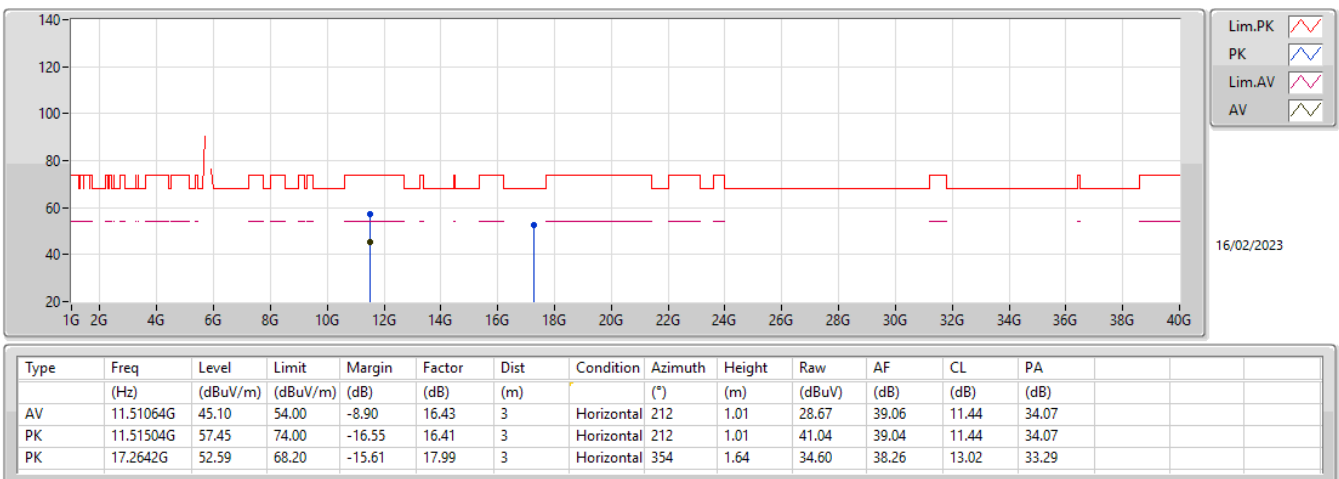
5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5755MHz_TX



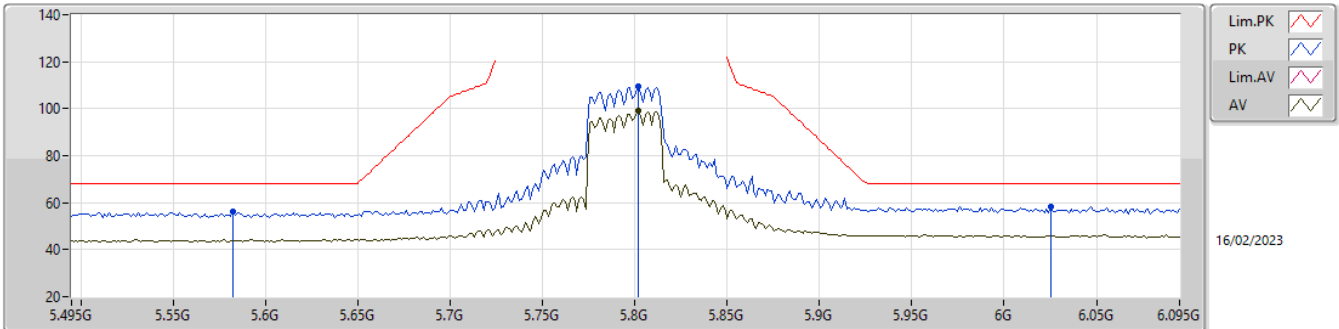
5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5755MHz_TX



5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

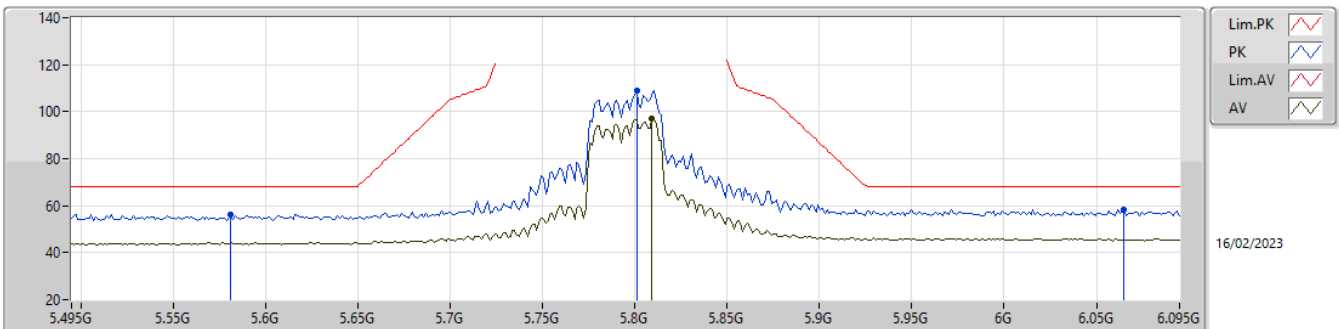
5795MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8022G	99.05	Inf	-Inf	6.80	3	Vertical	157	1.50	92.25	34.10	6.90	34.20
PK	5.5826G	56.04	68.20	-12.16	5.53	3	Vertical	157	1.50	50.51	32.97	6.75	34.19
PK	5.8022G	109.58	Inf	-Inf	6.80	3	Vertical	157	1.50	102.78	34.10	6.90	34.20
PK	6.0254G	58.13	68.20	-10.07	6.95	3	Vertical	157	1.50	51.18	34.10	7.08	34.23

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

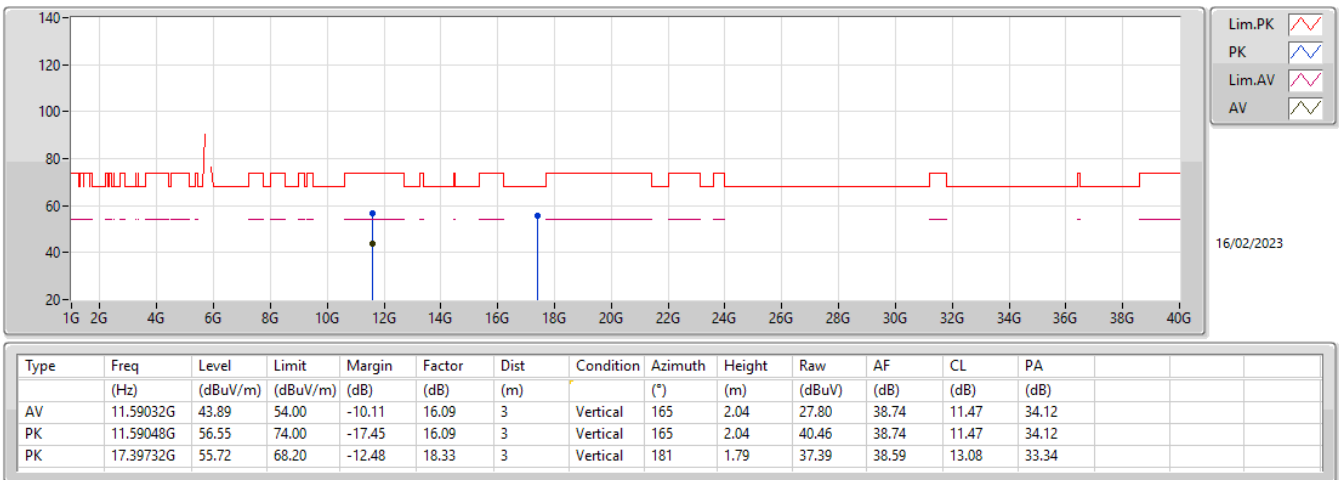
5795MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8094G	96.97	Inf	-Inf	6.81	3	Horizontal	170	1.50	90.16	34.10	6.91	34.20
PK	5.5814G	56.28	68.20	-11.92	5.52	3	Horizontal	170	1.50	50.76	32.96	6.75	34.19
PK	5.801G	109.19	Inf	-Inf	6.80	3	Horizontal	170	1.50	102.39	34.10	6.90	34.20
PK	6.065G	58.46	68.20	-9.74	6.94	3	Horizontal	170	1.50	51.52	34.07	7.10	34.23

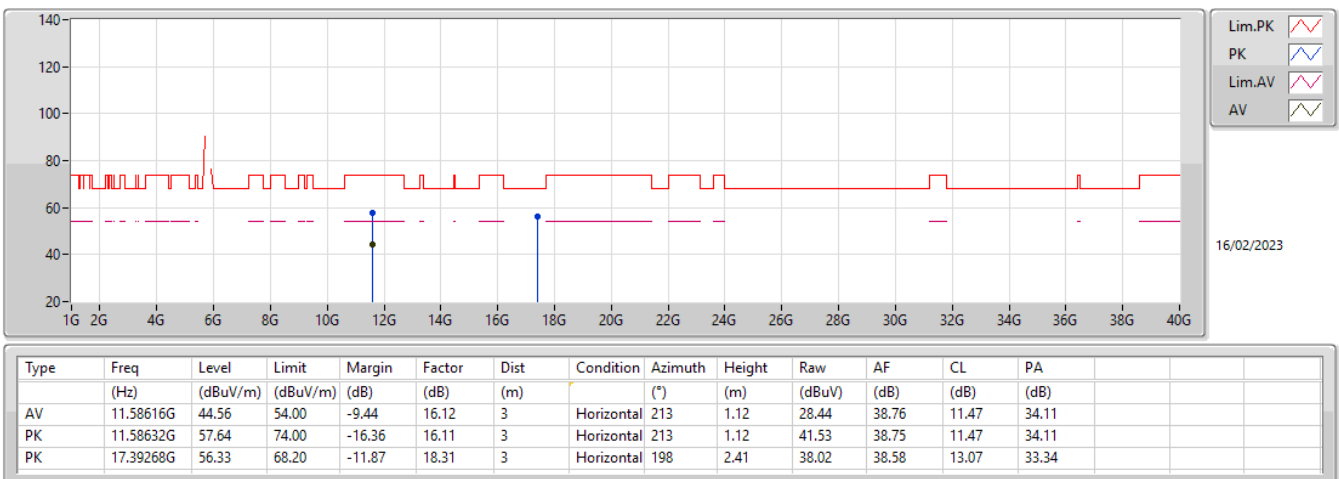
5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5795MHz_TX



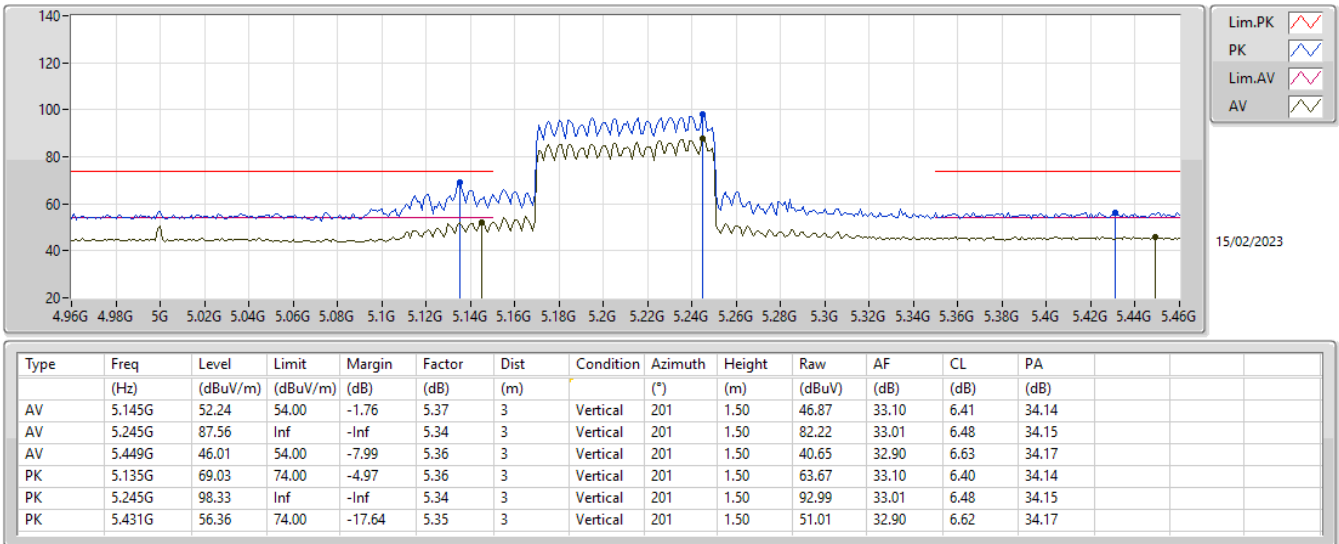
5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5795MHz_TX



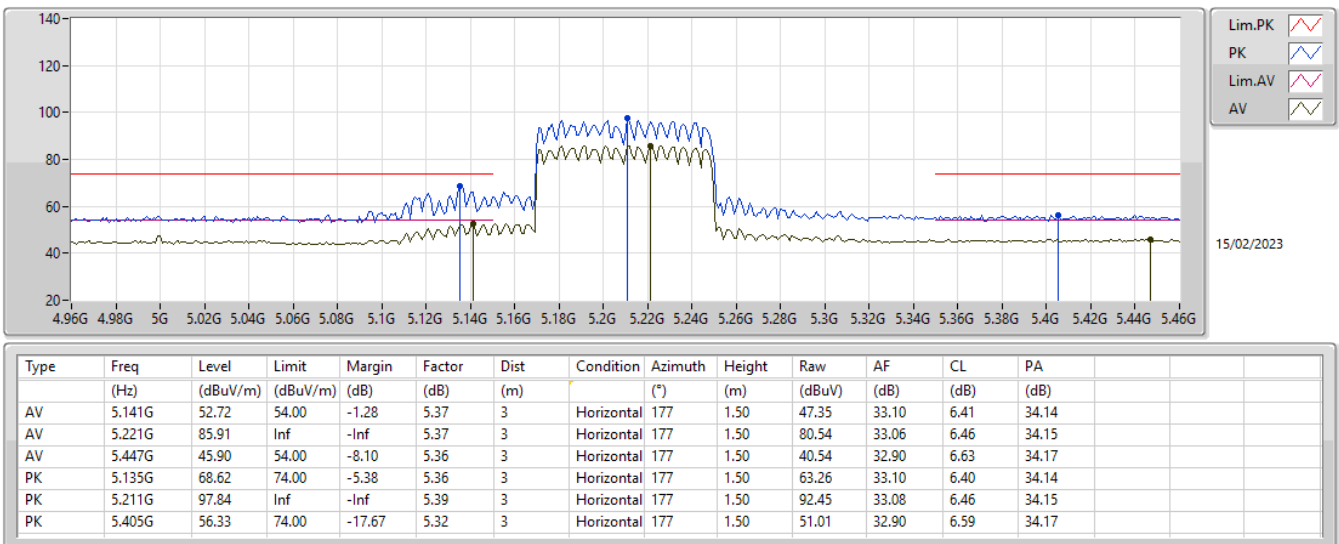
5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5210MHz_TX



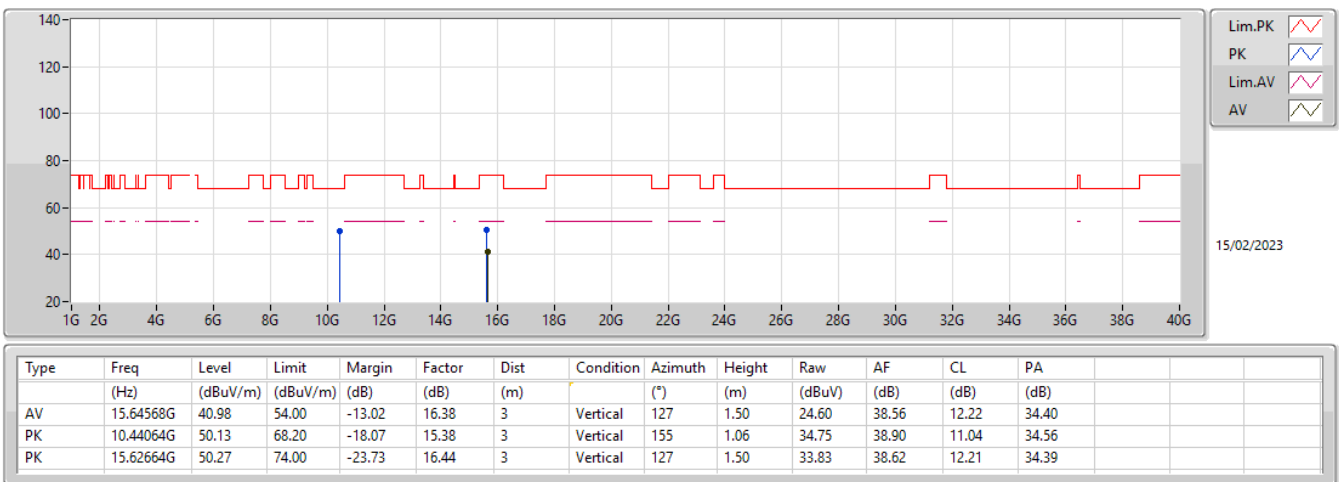
5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5210MHz_TX



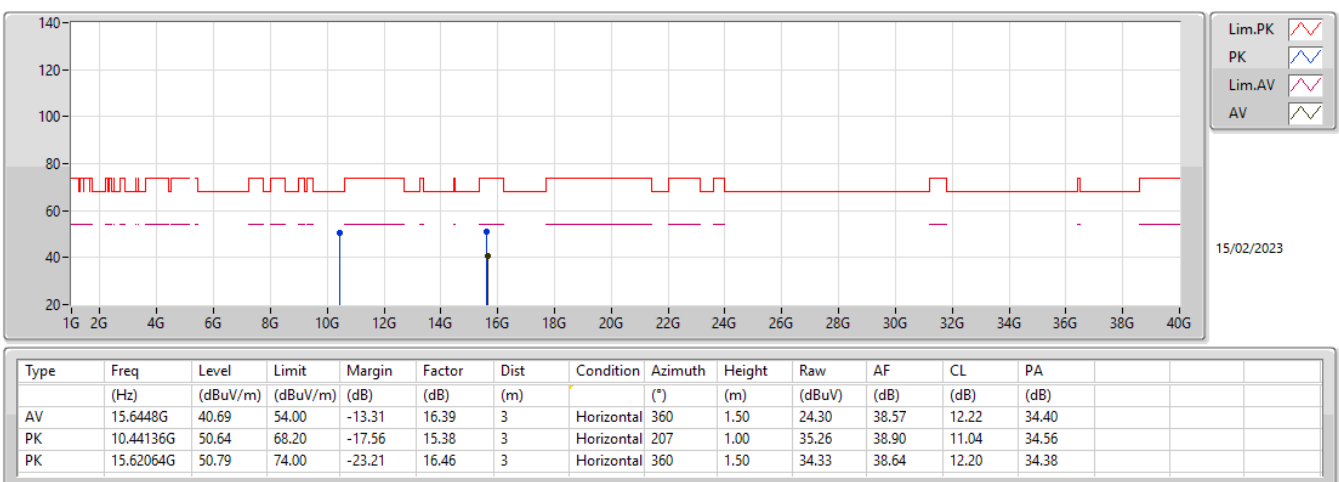
5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5210MHz_TX



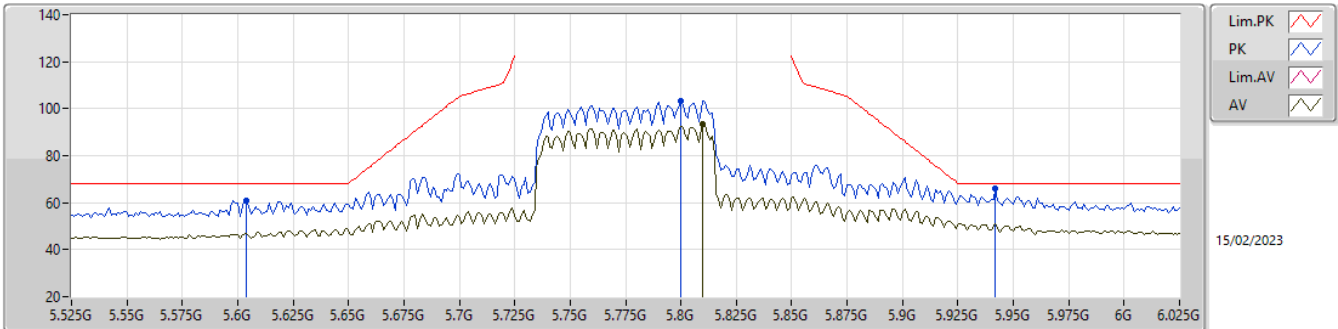
5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5210MHz_TX



5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

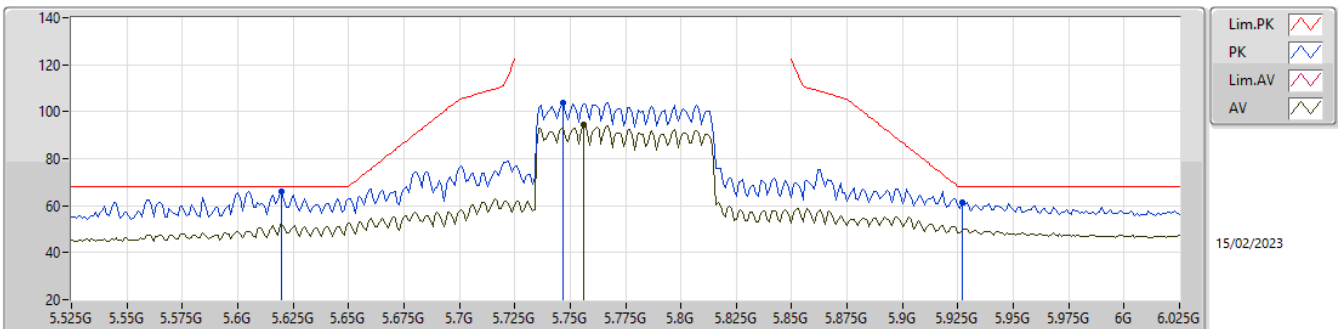
5775MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.81G	93.65	Inf	-Inf	6.81	3	Vertical	159	1.50	86.84	34.10	6.91	34.20
PK	5.604G	60.96	68.20	-7.24	5.58	3	Vertical	159	1.50	55.38	33.00	6.77	34.19
PK	5.8G	103.29	Inf	-Inf	6.80	3	Vertical	159	1.50	96.49	34.10	6.90	34.20
PK	5.942G	66.03	68.20	-2.17	7.02	3	Vertical	159	1.50	59.01	34.22	7.02	34.22

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

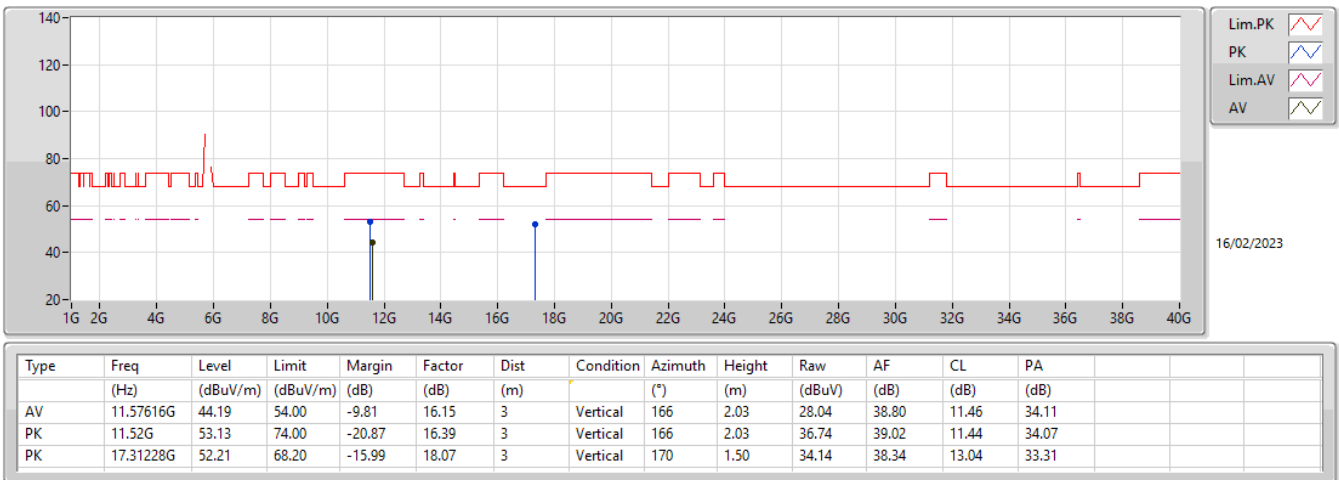
5775MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.756G	94.32	Inf	-Inf	6.51	3	Horizontal	158	2.80	87.81	33.84	6.87	34.20
PK	5.62G	66.05	68.20	-2.15	5.59	3	Horizontal	158	2.80	60.46	33.00	6.78	34.19
PK	5.747G	103.69	Inf	-Inf	6.46	3	Horizontal	158	2.80	97.23	33.79	6.87	34.20
PK	5.927G	61.52	68.20	-6.68	7.05	3	Horizontal	158	2.80	54.47	34.25	7.01	34.21

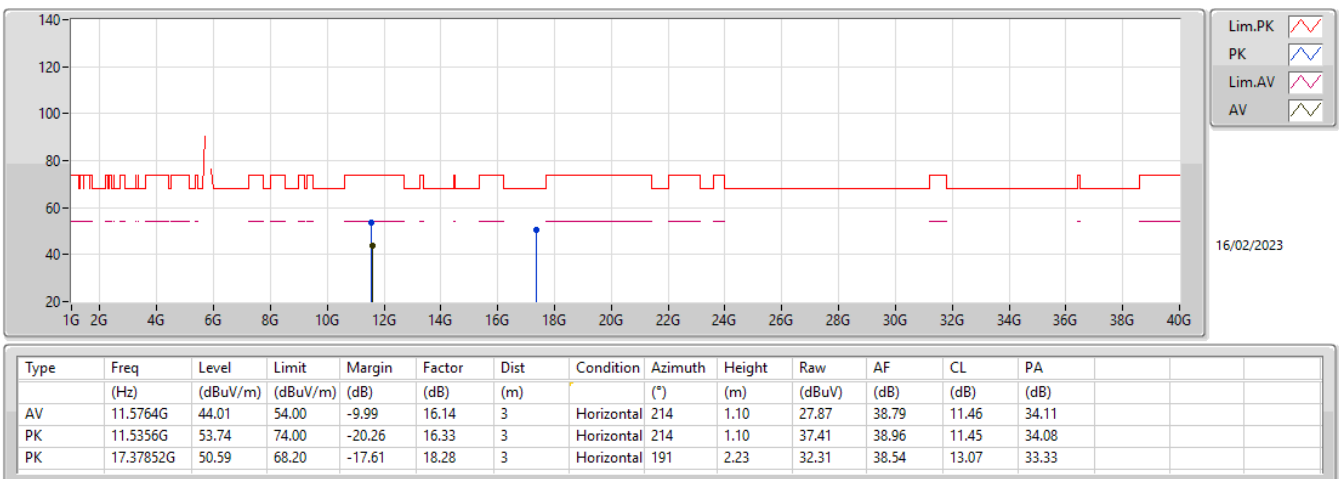
5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_TX



5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_TX





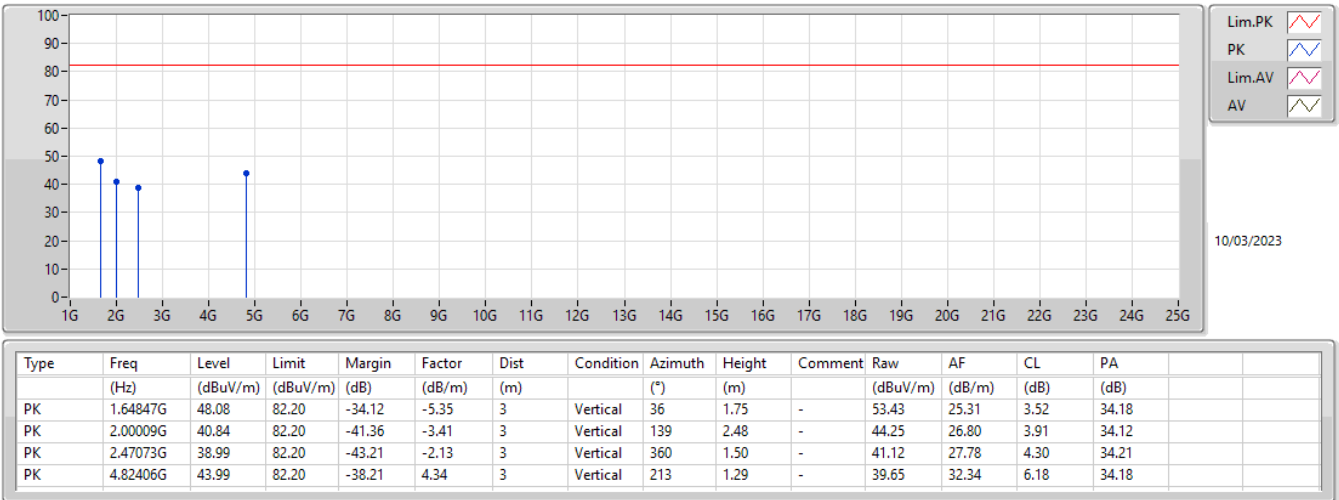
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	1.64847G	48.08	82.20	-34.12	Vertical
Mode 2	Pass	PK	10.48062G	62.03	82.20	-20.17	Vertical

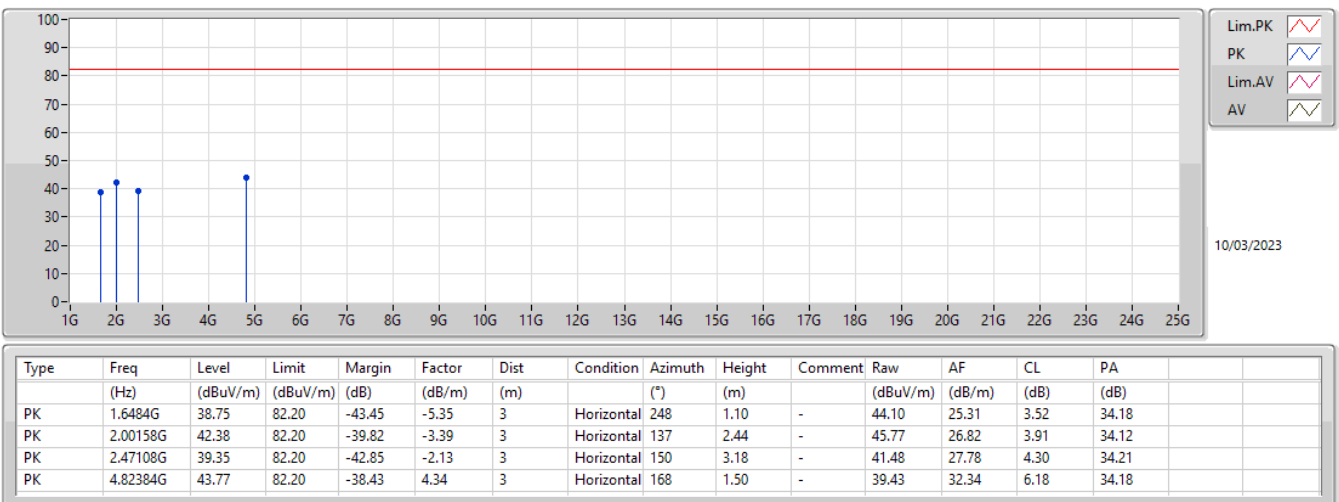
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
Mode 1	Pass	PK	1.64847G	48.08	82.20	-34.12	3	Vertical	36	1.75	-
Mode 1	Pass	PK	2.00009G	40.84	82.20	-41.36	3	Vertical	139	2.48	-
Mode 1	Pass	PK	2.47073G	38.99	82.20	-43.21	3	Vertical	360	1.50	-
Mode 1	Pass	PK	4.82406G	43.99	82.20	-38.21	3	Vertical	213	1.29	-
Mode 1	Pass	PK	1.6484G	38.75	82.20	-43.45	3	Horizontal	248	1.10	-
Mode 1	Pass	PK	2.00158G	42.38	82.20	-39.82	3	Horizontal	137	2.44	-
Mode 1	Pass	PK	2.47108G	39.35	82.20	-42.85	3	Horizontal	150	3.18	-
Mode 1	Pass	PK	4.82384G	43.77	82.20	-38.43	3	Horizontal	168	1.50	-
Mode 2	Pass	PK	1.64883G	45.11	82.20	-37.09	3	Vertical	347	1.50	-
Mode 2	Pass	PK	2.00003G	40.01	82.20	-42.19	3	Vertical	236	1.50	-
Mode 2	Pass	PK	2.47238G	37.99	82.20	-44.21	3	Vertical	283	1.50	-
Mode 2	Pass	PK	10.48062G	62.03	82.20	-20.17	3	Vertical	95	1.22	-
Mode 2	Pass	PK	15.71G	42.35	82.20	-39.85	3	Vertical	360	1.50	-
Mode 2	Pass	PK	1.6482G	45.93	82.20	-36.27	3	Horizontal	346	1.17	-
Mode 2	Pass	PK	1.99987G	41.45	82.20	-40.75	3	Horizontal	237	1.50	-
Mode 2	Pass	PK	2.47244G	44.43	82.20	-37.77	3	Horizontal	316	1.77	-
Mode 2	Pass	PK	10.48062G	60.42	82.20	-21.78	3	Horizontal	106	2.88	-
Mode 2	Pass	PK	15.71355G	42.85	82.20	-39.35	3	Horizontal	0	1.50	-

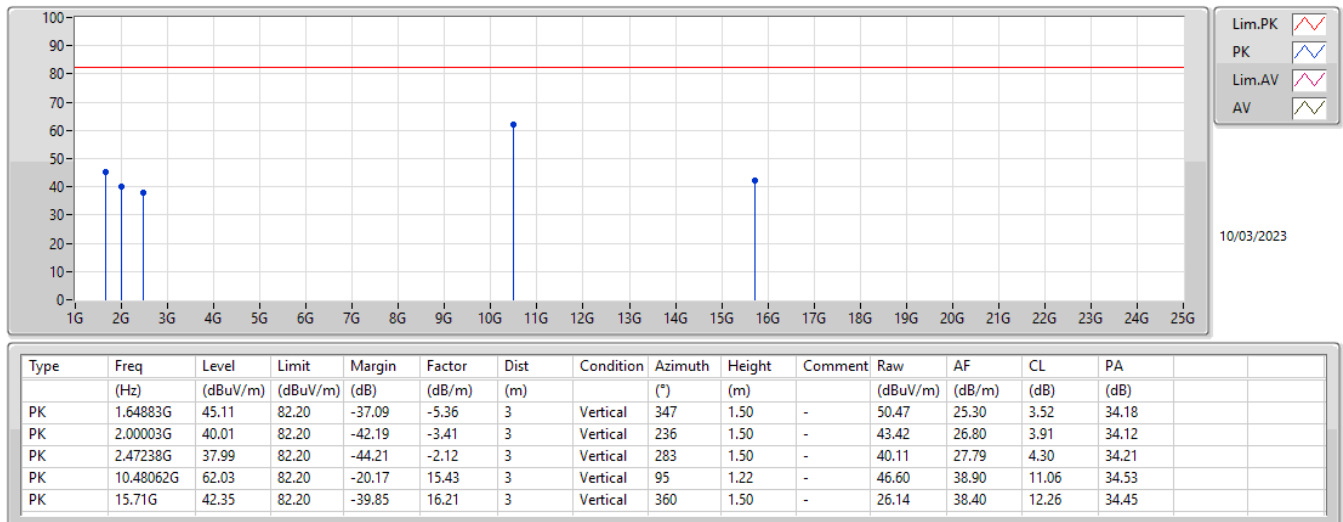
Radiated Emissions above 1GHz_Mode 1



Radiated Emissions above 1GHz_Mode 1



Radiated Emissions above 1GHz_Mode 2



Radiated Emissions above 1GHz_Mode 2

