FCC Radio Test Report

FCC ID	:	**2AGBW9290035826X**
Equipment	:	**Philips HUE bridge 3.0**
Brand Name	:	**PHILIPS ; hue ; signify**
Model Name	:	**9290035826**
Applicant	:	**Signify (China) Investment Co., Ltd. Building 9, Lane 888, Tianlin Road, Minhang District, Shanghai 200233 China**
Manufacturer	:	**Signify (China) Investment Co., Ltd. Building 9, Lane 888, Tianlin Road, Minhang District, Shanghai 200233 China**
Standard	:	**47 CFR FCC Part 15.407**

The product was received on Jan. 17, 2024, and testing was started from Feb. 06, 2024 and completed on Mar. 16, 2024. 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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History of this test report

Report No.	Version	Description	Issued Date
FR410307AN	01	Initial issue of report	Jun. 07, 2024
FR410307AN	02	Update brand name (This report is the latest version replacing for the report issued on Jun. 07, 2024)	Jun. 14, 2024

Summary of Test Result

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

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and explanations:
None

Reviewed by: Ben Tseng

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),	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [11]
Straddle 5720		5720	144 [1]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40),	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [5]
Straddle 5710		5710	142 [1]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5610	106-122 [2]
Straddle 5690		5690	138 [1]
5725-5850		5775	155 [1]

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	1TX
5.25-5.35GHz	802.11a	20	1TX
5.47-5.725GHz	802.11a	20	1TX
5.725-5.85GHz	802.11a	20	1TX
5.15-5.25GHz	802.11ac VHT20	20	1TX
5.25-5.35GHz	802.11ac VHT20	20	1TX
5.47-5.725GHz	802.11ac VHT20	20	1TX
5.725-5.85GHz	802.11ac VHT20	20	1TX
5.15-5.25GHz	802.11ac VHT40	40	1TX
5.25-5.35GHz	802.11ac VHT40	40	1TX
5.47-5.725GHz	802.11ac VHT40	40	1TX
5.725-5.85GHz	802.11ac VHT40	40	1TX
5.15-5.25GHz	802.11ac VHT80	80	1TX
5.25-5.35GHz	802.11ac VHT80	80	1TX

Band	Mode	BWch (MHz)	Nant
5.47-5.725GHz	802.11ac VHT80	80	1TX
5.725-5.85GHz	802.11ac VHT80	80	1TX

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.
- BWch is the nominal channel bandwidth.
- Evaluated VHT20/VHT40 mode only due to the similar modulation. The power setting of HT20/HT40 mode are the same or lower than VHT20/VHT40.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Support
1	LITEON	CO0307AM	Print	N/A	2.4G+5G+BT
2	LITEON	CO0307AM	Print	N/A	Zigbee

Ant.	Port	Gain (dBi)			
		2.4G	5G	BT	Zigbee
1	1	2.7	2.8	2.7	-
2	2	-	-	-	2.8

Note 1: The EUT has two antennas.

For 2.4GHz function:

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

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

For 5GHz function:

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

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

For BT function:

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

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

For Zigbee function:

For IEEE 802.15.4 Zigbee mode (1TX/1RX)

Ant. 2 (port 2) could transmit/receive.

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

1.1.3 EUT Information

Operational Condition					
EUT Power Type	From AC Adapter				
EUT Function	☐	Outdoor AP	☐	Indoor AP	
	☐	Fixed P2P AP	☒	Client	
Beamforming Function	☐	With beamforming	☒	Without beamforming	
TPC Function	☐	With TPC Function	☒	Without TPC Function	
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz	

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	0.965	0.15	3.445m	300
802.11ac VHT20_Nss1,(MCS0)_1TX	0.92	0.36	5.097m	300
802.11ac VHT40_Nss1,(MCS0)_1TX	0.84	0.76	2.57m	1k
802.11ac VHT80_Nss1,(MCS0)_1TX	0.702	1.54	1.166m	1k

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

1.1.5 Table for Multiple Listing

Table for Explanation of SKU and 2nd Source

Object/part or Description (location)	Location	SKU 1	SKU 2	SKU 3	SKU 4
DDR4	U10	Brand: SK HYNIX Model: H5AG36EXNDX017	Brand: Samsung Model: K4A8G165WC-BCTD	Brand: NANYA Model: NT5AD512M16C4-JR	Brand: Micron Model: MT40A512M16TB-062E:R
eMMC	U21	Brand: KIOXIA Model: THGBMUG6C1LBAIL	Brand: KIOXIA Model: THGBMUG6C1LBAIL	Brand: SAMSUNG Model: KLM8G1GETF-B041	Brand: KIOXIA Model: THGBMUG6C1LBAIL
LAN transformer x1	T1	Brand: U-TRON Model: HSC-1607-R	Brand: GLGNET Model: GST16002HF	Brand: GLGNET Model: GST16002HF	Brand: GLGNET Model: GST16002HF
DC-DC buck x2	U4,U6	Brand: DIOO Model: DIO6012BCST5	Brand: DIOO Model: DIO6012BCST5	Brand: SILERGY Model: SY8089A1AAC	Brand: M3TEK Model: MT8152NSBR
DC-DC buck x2	U3,U5	Brand: SILERGY Model: SY8089E1AAC	Brand: JOULWATT Model: JW5262CFSOTA#TR	Brand: M3TEK Model: MT8152ASBR	Brand: RICHTEK Model: RT5752BHGJ5
LDO x3	U1,U11,U2	Brand: FITIPOWER Model: FP6186S5	Brand: ANPEC Model: APL5324ABI-TRG	Brand: FITIPOWER Model: FP6186S5	Brand: FITIPOWER Model: FP6186AS5
Adaptor	-	Brand: Tenpao Model: S005BMM0500100	Brand: PYS Model: PYS-06VY050100	-	-

From the above SKU, The SKU 1 was selected as representative model for the test and its data was recorded in this report. All SKUs were verified and SKU 1 was found to be the worst case.

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 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**
AC Conduction	CO04-HY	Edward Wang	21.1~21.4°C / 50~52%	15/Mar/2024
RF Conducted	TH07-HY	Xun Hsieh	21.2~22.7°C / 55~58%	08/Feb/2024~14/Mar/2024
Radiated (Co-location)	03CH03-HY	Edward Wang	21.3~22.5°C / 52~55%	16/Mar/2024
☒ Wenhua 3rd. **(TAF:** 3785**)**	**ADD:** No. 58, Aly. 75, Ln. 564, Wenhua 3rd Rd., Guishan Dist. Taoyuan City 333, Taiwan (R.O.C.)			
	TEL: 886-3-327-0868			
Test site Designation No. TW0036 with FCC.				
Test Condition	**Test Site No.**	**Test Engineer**	**Test Environment**	**Test Date**
Radiated	03CH25-HY	Henry Ho	21.5~23.2°C / 52~55%	06/Feb/2024~14/Mar/2024

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**
AC Power-line Conducted Emissions	4.53 dB	Confidence levels of 95%
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 Release0.62

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	0x88
5200MHz	0xff
5240MHz	0x84
5260MHz	0x85
5300MHz	0xff
5320MHz	0x8a
5500MHz	0xb8
5580MHz	0xff
5700MHz	0xae
5720MHz Straddle 5.47-5.725GHz	0xff
5720MHz Straddle 5.725-5.85GHz	0xff
5745MHz	0xf9
5785MHz	0xff
5825MHz	0xff
802.11ac VHT20_Nss1,(MCS0)_1TX	-
5180MHz	0x79
5200MHz	0xff
5240MHz	0x7d
5260MHz	0x91
5300MHz	0xff
5320MHz	0x8c
5500MHz	0xac
5580MHz	0xff
5700MHz	0xa9
5720MHz Straddle 5.47-5.725GHz	0xff
5720MHz Straddle 5.725-5.85GHz	0xff
5745MHz	0xf7
5785MHz	0xff
5825MHz	0xff

Mode	Power Setting
802.11ac VHT40_Nss1,(MCS0)_1TX	-
5190MHz	0x5d
5230MHz	0x5a
5270MHz	0x5a
5310MHz	0x5e
5510MHz	0x74
5550MHz	0xff
5670MHz	0x86
5710MHz Straddle 5.47-5.725GHz	0xff
5710MHz Straddle 5.725-5.85GHz	0xff
5755MHz	0xff
5795MHz	0xff
802.11ac VHT80_Nss1,(MCS0)_1TX	-
5210MHz	0x44
5290MHz	0x45
5530MHz	0x68
5610MHz	0x6d
5690MHz Straddle 5.47-5.725GHz	0xff
5690MHz Straddle 5.725-5.85GHz	0xff
5775MHz	0xff

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	Adapter mode

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

The Worst Case Mode for Following Conformance Tests			
Tests Item	Unwanted Emissions		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.		
Operating Mode < 1GHz	CTX		
1	Adapter mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	**X Plane**	**Y Plane**	**Z Plane**
			
Worst Planes of EUT			V

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	2.4GHz WLAN + Bluetooth + ZigBee
2	5GHz WLAN + Bluetooth + ZigBee
Refer to Sporton Test Report No.: FA410307 for Co-location RF Exposure Evaluation and Appendix F for Radiated Emission Co-location.	

2.3 Accessories

Accessories				
AC Adapter (Source 1) (EU Plug) (US Plug) (AUS/NZ Plug) (UK Plug)	Brand Name	Tenpao	Model Name	S005BMM0500100
	Manufacturer	Ten Pao Electronics(Hulzhou) Co., Ltd		
	Power Rating	I/P: 100-240Vac, 50/60Hz, 0.3A, O/P: 5Vdc, 1.0A		
	Power Cord	1.5 meter, non-shielded cable, w/o ferrite core		
AC Adapter (Source 2) (EU Plug) (US Plug) (UK Plug) (AUS/NZ Plug)	Brand Name	PYS	Model Name	PYS-06VY050100
	Manufacturer	PYS High-Tech Co.LTD		
	Power Rating	I/P: 100-240Vac, 50/60Hz, 0.3A, O/P: 5Vdc, 1.0A		
	Power Cord	1.5 meter, non-shielded cable, w/o ferrite core		
RJ45 Cable	Signal Line	1.5 meter, non-shielded cable		

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

2.4 Support Equipment

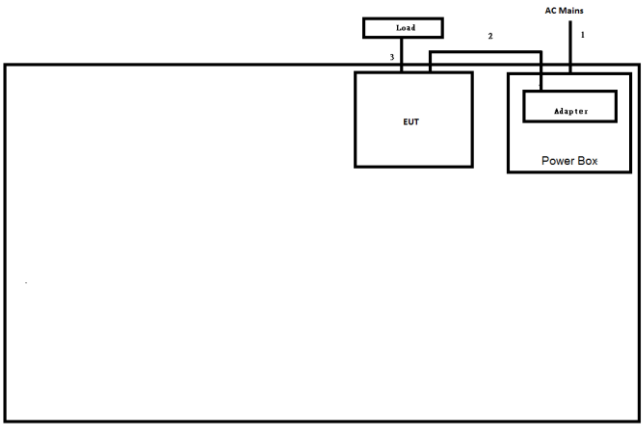
Support Equipment – AC Conduction					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Load	Sporton	Sporton	-	-

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

Support Equipment – Radiated					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Load	Sporton	Sporton	-	-
2	Hue Bridge (Remote)	Philips	9290035826	-	Provided by Customer
3	Smart Phone (Remote)	SONY	XPERIA Z	-	-
4	AP Router (Remote)	TP-LINK	Archer AX10	-	-
5	NB *3 (Remote)	DELL	Latitude 7290	-	-
6	RJ-45 Cable (Remote)	Power Sync	CAT-6E-10	-	-
7	RJ-45 Cable (Remote)	Power Sync	CAT-6E-01	-	-

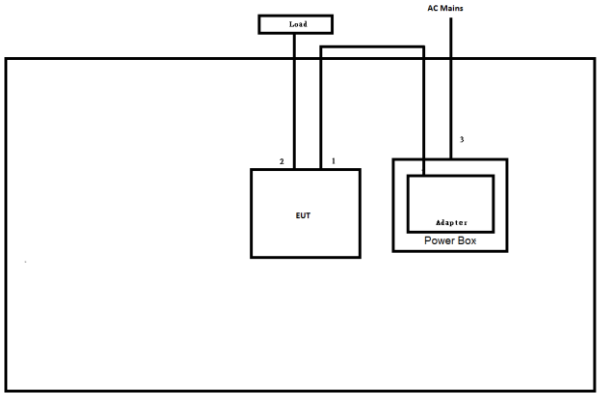
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



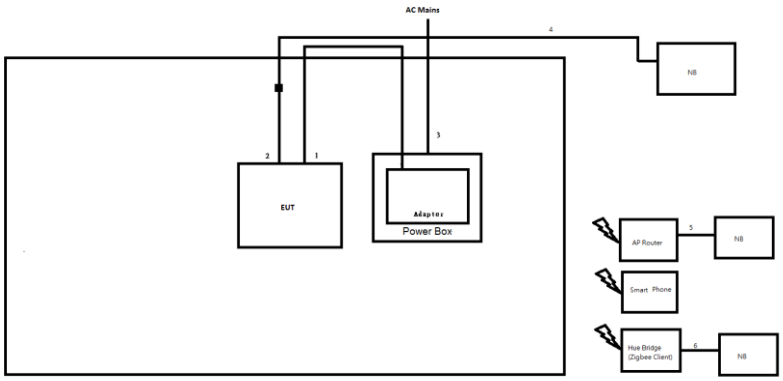
Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	DC Power Cable	No	1.5	-
3	RJ45 Cable	No	1.5	-

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	DC Power Cable	NO	1.5	-
2	RJ45 Cable	NO	1.5	-
3	AC Power Cable	NO	1.8	-

Test Setup Diagram - Radiated Test (Co-location)



Item	Connection	Shielded	Length(m)	Remark
1	DC Power Cable	NO	1.5	-
2	RJ45 Cable	NO	1.5	-
3	AC Power Cable	NO	1.8	-
4	RJ45 Cable	NO	10.0	-
5	RJ45 Cable	NO	1.0	-
6	RJ45 Cable	NO	1.0	-

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	**Quasi-Peak**	**Average**
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50
Note 1: * Decreases with the logarithm of the frequency.		

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

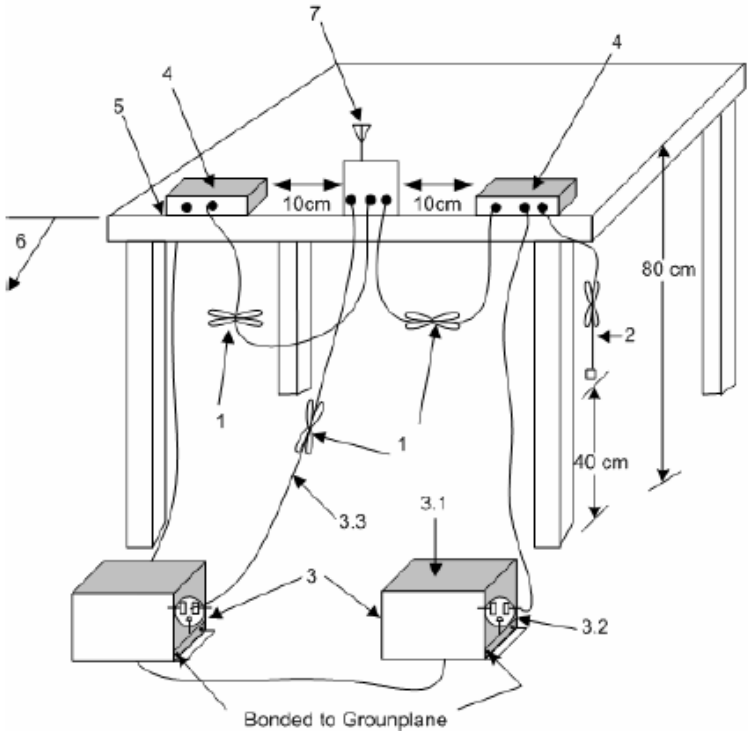
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Raw(Read Level) +LISN(LISN Factor) + CL(Cable Loss) + AT(Attenuator).

3.1.5 Test Setup

AC Power-line Conducted Emissions



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

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

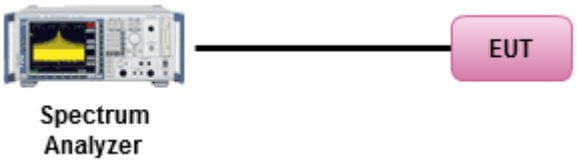
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
UNII Devices	
☒ For the 5.15-5.25 GHz band:	
	▪ Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed 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 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 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 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 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 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 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 1 W.
P_{Out} = maximum conducted output power in dBm, **G_{TX}** = the maximum transmitting antenna directional gain in dBi.	

3.3.2 Measuring Instruments

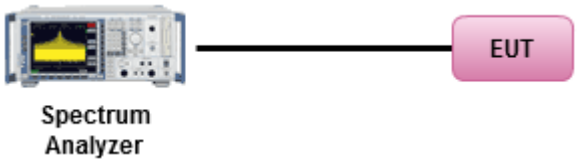
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

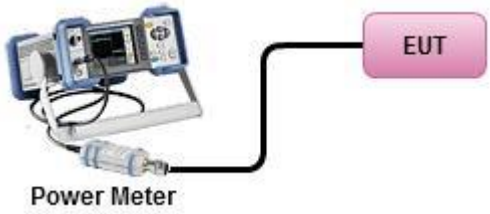
Test Method	
▪ Maximum Conducted Output Power	
	Duty cycle ≥ 98%
	☐ Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle < 98%
	☒ Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods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

3.3.4 Test Setup

For Straddle channel

RF Output Power (Spectrum Analyzer)


For Other channel

RF Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

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

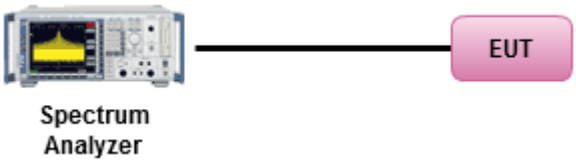
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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

Un-restricted band emissions above 1GHz Limit	
Operating Band	**Limit**
5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.725 - 5.85 GHz	5.650-5700 GHz: e.i.r.p. -27 ~ 10 dBm [68.2 ~ 105.2 dBuV/m@3m] 5.700-5720 GHz: e.i.r.p. 10 ~ 15.6 dBm [105.2 ~ 110.8 dBuV/m@3m] 5.720-5725 GHz: e.i.r.p. 15.6 ~ 27 dBm [110.8 ~ 122.2 dBuV/m@3m] 5.850-5.855 GHz: e.i.r.p. 27 ~ 15.6 dBm [122.2 ~ 110.8 dBuV/m@3m] 5.855-5.875 GHz: e.i.r.p. 15.6 ~ 10 dBm [110.8 ~ 105.2 dBuV/m@3m] 5.875-5.925 GHz: e.i.r.p. 10 ~ -27 dBm [105.2 ~ 68.2dBuV/m@3m] Other un-restricted band: e.i.r.p. -27 dBm [68.2 dBuV/m@3m]

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

3.5.2 Measuring Instruments

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

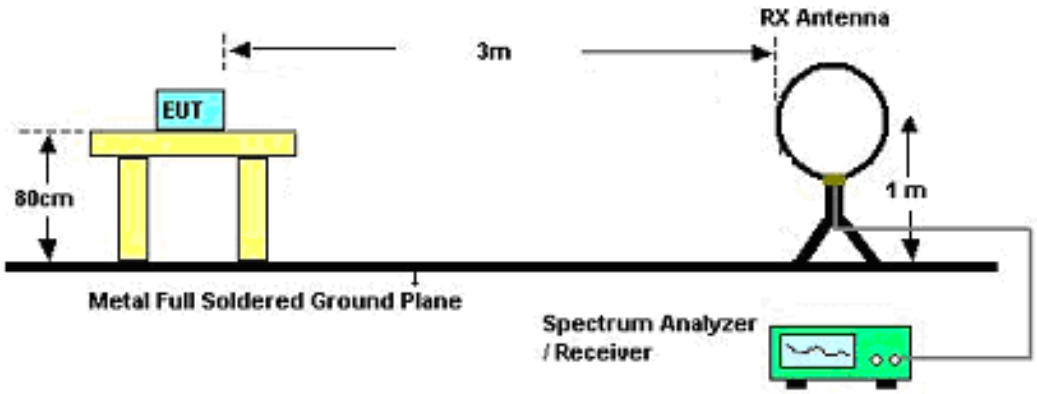
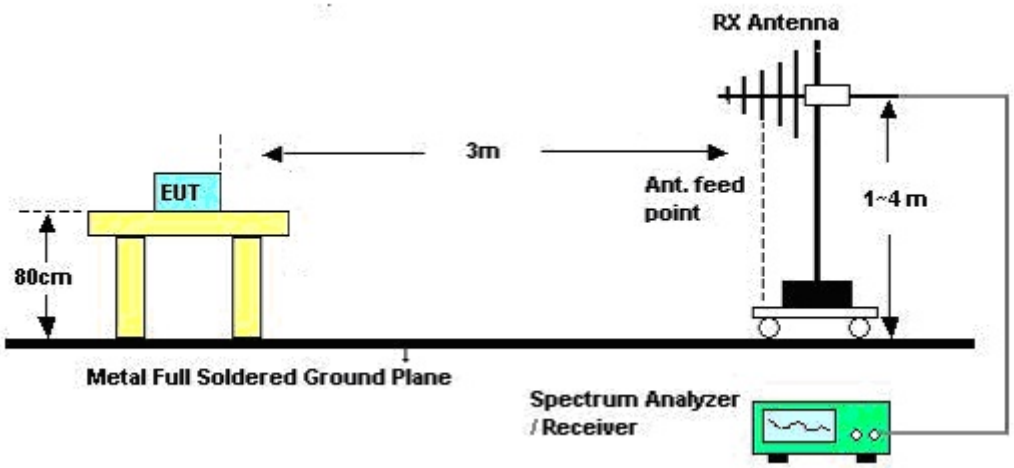
3.5.3 Test Procedures

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

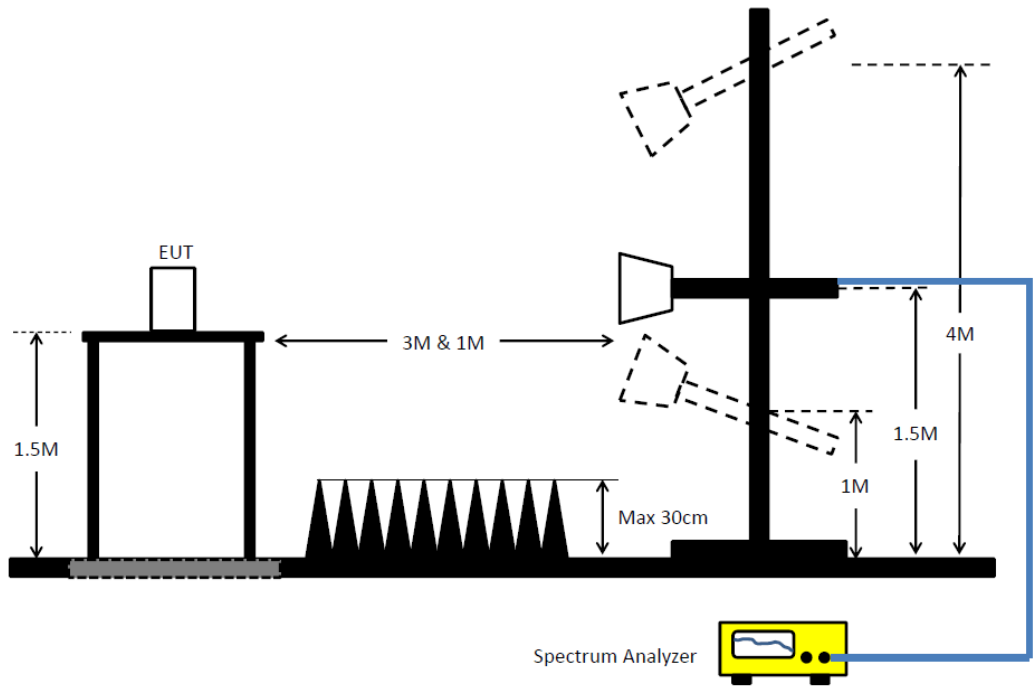
3.5.4 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

3.5.5 Test Setup

Transmitter Radiated Unwanted Emissions
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR	102051	9kHz ~ 3.6GHz	16/May/2023	15/May/2024
Two-Line V-Network	R&S	ENV 216	101295	9kHz ~ 30MHz	05/Feb/2024	04/Feb/2025
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	27/Feb/2024	26/Feb/2025
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	18/Oct/2023	17/Oct/2024
Software	Sporton	SENSE-EMI	V5.11.3	-	NCR	NCR

NCR: No Calibration Required

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101515	9kHz~40GHz	14/Feb/2023	13/Feb/2024
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	20/Oct/2023	19/Oct/2024
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	15/Dec/2023	14/Dec/2024
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	15/Dec/2023	14/Dec/2024
SENSE-15407_NII	Sporton	V5.11.17	N/A	N/A	N/A	N/A

Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	30MHz~1GHz 3m	03/Aug/2023	02/Aug/2024
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	1GHz~18GHz 3m	09/Aug/2023	08/Aug/2024
EMI Test Receiver	ROHDE & SCHWARZ	ESR	102318	9kHz~3.6GHz	27/Dec/2023	26/Dec/2024
Signal Analyzer	ROHDE& SCHWARZ	FSV3044	101410	10Hz~44GHz	17/Nov/2023	16/Nov/2024
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	23/Mar/2023	22/Mar/2024
Bilog Antenna & 6dB Attenuator	TESEQ & VGT	CBL 6111D & VFA 04002-06	63537/001	30MHz~1GHz	31/May/2023	30/May/2024
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02876	1GHz~18GHz	12/Jul/2023	11/Jul/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	21/Aug/2023	20/Aug/2024
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	9kHz~1GHz	24/Apr/2023	23/Apr/2024
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	1GHz~40GHz	24/Apr/2023	23/Apr/2024
Preamplifier	SGH	PRAMP 903	20230515-1	30MHz~1GHz	25/May/2023	24/May/2024
Preamplifier	SGH	PRAMP 118-H	20230515-3	1GHz ~18GHz	25/May/2023	24/May/2024
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	16/Mar/2023	15/Mar/2024
SENSE-15407-NII	Sporton	V5.13	NA	NA	NA	NA

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	03CH03-HY	1GHz~18GHz 3m	28/Jul/2023	27/Jul/2024
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	26/Oct/2023	25/Oct/2024
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	2267	1GHz~18GHz	04/Oct/2023	03/Oct/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	1248	18GHz ~ 40GHz	21/Aug/2023	20/Aug/2024
RF CABLE 5+8 m	HUBER+SUHNER	SUOFLEX 104	03CH03-cable-03	1GHz~40GHz	20/Feb/2024	19/Feb/2025
Microwave Preamplifier	Agilent	8449B	3008A02326	1GHz~26.5GHz	26/Jul/2023	25/Jul/2024
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40G	060874	18GHz ~ 40GHz	18/Aug/2023	17/Aug /2024
SENSE-EMI	Sporton	V5.11.6	N/A	N/A	N/A	N/A

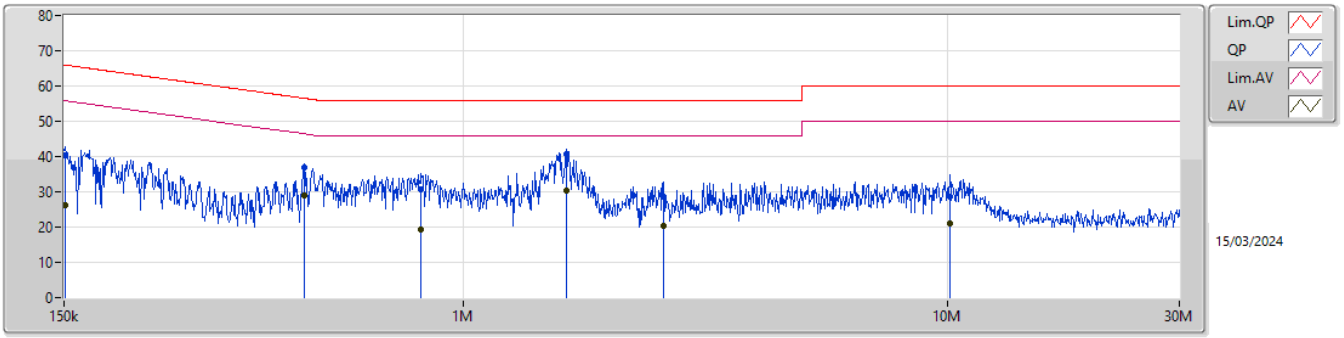
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	467.95k	32.90	46.55	-13.65	Neutral

Result

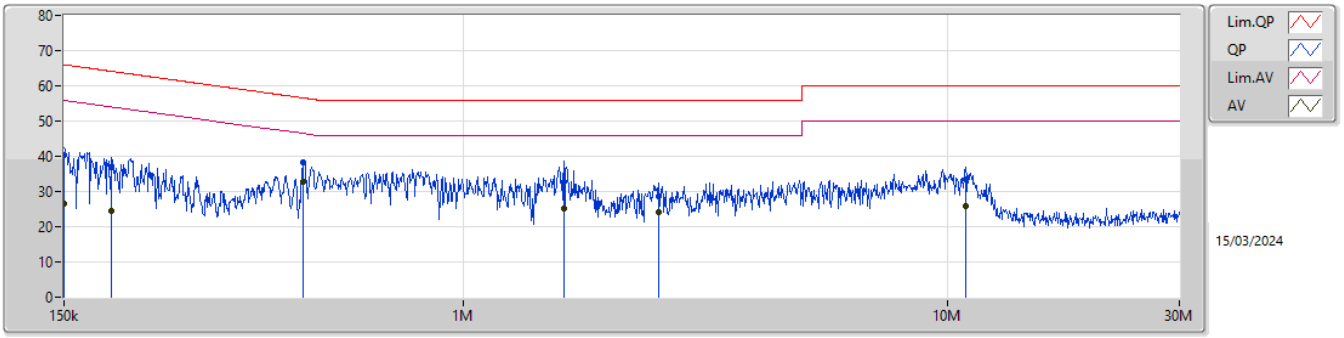
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150.6k	40.42	65.96	-25.54	Line
Mode 1	Pass	AV	150.6k	26.16	55.96	-29.80	Line
Mode 1	Pass	QP	469.822k	36.86	56.52	-19.66	Line
Mode 1	Pass	AV	469.822k	29.08	46.52	-17.44	Line
Mode 1	Pass	QP	818.313k	30.78	56.00	-25.22	Line
Mode 1	Pass	AV	818.313k	19.41	46.00	-26.59	Line
Mode 1	Pass	QP	1.632M	40.83	56.00	-15.17	Line
Mode 1	Pass	AV	1.632M	30.45	46.00	-15.55	Line
Mode 1	Pass	QP	2.594M	28.46	56.00	-27.54	Line
Mode 1	Pass	AV	2.594M	20.49	46.00	-25.51	Line
Mode 1	Pass	QP	10.079M	28.47	60.00	-31.53	Line
Mode 1	Pass	AV	10.079M	20.94	50.00	-29.06	Line
Mode 1	Pass	QP	150k	40.28	66.00	-25.72	Neutral
Mode 1	Pass	AV	150k	26.49	56.00	-29.51	Neutral
Mode 1	Pass	QP	188.327k	36.73	64.11	-27.38	Neutral
Mode 1	Pass	AV	188.327k	24.48	54.11	-29.63	Neutral
Mode 1	Pass	QP	467.95k	38.30	56.55	-18.25	Neutral
Mode 1	Pass	AV	467.95k	32.90	46.55	-13.65	Neutral
Mode 1	Pass	QP	1.613M	32.61	56.00	-23.39	Neutral
Mode 1	Pass	AV	1.613M	25.26	46.00	-20.74	Neutral
Mode 1	Pass	QP	2.533M	28.51	56.00	-27.49	Neutral
Mode 1	Pass	AV	2.533M	24.07	46.00	-21.93	Neutral
Mode 1	Pass	QP	10.873M	33.37	60.00	-26.63	Neutral
Mode 1	Pass	AV	10.873M	25.83	50.00	-24.17	Neutral

Conducted Emissions at Powerline_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150.6k	40.42	65.96	-25.54	19.44	Line	-	20.98	9.61	0.07	9.76
AV	150.6k	26.16	55.96	-29.80	19.44	Line	-	6.72	9.61	0.07	9.76
QP	469.822k	36.86	56.52	-19.66	19.49	Line	-	17.37	9.61	0.11	9.77
AV	469.822k	29.08	46.52	-17.44	19.49	Line	-	9.59	9.61	0.11	9.77
QP	818.313k	30.78	56.00	-25.22	19.50	Line	-	11.28	9.61	0.10	9.79
AV	818.313k	19.41	46.00	-26.59	19.50	Line	-	-0.09	9.61	0.10	9.79
QP	1.632M	40.83	56.00	-15.17	19.52	Line	-	21.31	9.62	0.10	9.80
AV	1.632M	30.45	46.00	-15.55	19.52	Line	-	10.93	9.62	0.10	9.80
QP	2.594M	28.46	56.00	-27.54	19.52	Line	-	8.94	9.63	0.09	9.80
AV	2.594M	20.49	46.00	-25.51	19.52	Line	-	0.97	9.63	0.09	9.80
QP	10.079M	28.47	60.00	-31.53	19.50	Line	-	8.97	9.66	0.05	9.79
AV	10.079M	20.94	50.00	-29.06	19.50	Line	-	1.44	9.66	0.05	9.79

Conducted Emissions at Powerline_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	40.28	66.00	-25.72	19.45	Neutral	-	20.83	9.62	0.07	9.76
AV	150k	26.49	56.00	-29.51	19.45	Neutral	-	7.04	9.62	0.07	9.76
QP	188.327k	36.73	64.11	-27.38	19.39	Neutral	-	17.34	9.61	0.08	9.70
AV	188.327k	24.48	54.11	-29.63	19.39	Neutral	-	5.09	9.61	0.08	9.70
QP	467.95k	38.30	56.55	-18.25	19.49	Neutral	-	18.81	9.61	0.11	9.77
AV	467.95k	32.90	46.55	-13.65	19.49	Neutral	-	13.41	9.61	0.11	9.77
QP	1.613M	32.61	56.00	-23.39	19.52	Neutral	-	13.09	9.62	0.10	9.80
AV	1.613M	25.26	46.00	-20.74	19.52	Neutral	-	5.74	9.62	0.10	9.80
QP	2.533M	28.51	56.00	-27.49	19.53	Neutral	-	8.98	9.63	0.10	9.80
AV	2.533M	24.07	46.00	-21.93	19.53	Neutral	-	4.54	9.63	0.10	9.80
QP	10.873M	33.37	60.00	-26.63	19.55	Neutral	-	13.82	9.69	0.06	9.80
AV	10.873M	25.83	50.00	-24.17	19.55	Neutral	-	6.28	9.69	0.06	9.80

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	31.075M	19.35M	19M4D1D	20.46M	16.294M
802.11ac VHT20_Nss1,(MCS0)_1TX	30.58M	18.111M	18M1D1D	20.79M	17.516M
802.11ac VHT40_Nss1,(MCS0)_1TX	40.15M	35.982M	36M0D1D	39.93M	35.882M
802.11ac VHT80_Nss1,(MCS0)_1TX	78.32M	74.863M	74M9D1D	78.32M	74.863M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	28.71M	16.84M	16M8D1D	18.7M	16.316M
802.11ac VHT20_Nss1,(MCS0)_1TX	30.58M	18.871M	18M9D1D	20.24M	17.516M
802.11ac VHT40_Nss1,(MCS0)_1TX	38.72M	35.932M	35M9D1D	38.5M	35.832M
802.11ac VHT80_Nss1,(MCS0)_1TX	78.32M	74.763M	74M8D1D	78.32M	74.763M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	27.94M	16.778M	16M8D1D	18.84M	13.583M
802.11ac VHT20_Nss1,(MCS0)_1TX	26.675M	18.075M	18M1D1D	22.185M	14.798M
802.11ac VHT40_Nss1,(MCS0)_1TX	49.175M	35.971M	36M0D1D	39.82M	33.093M
802.11ac VHT80_Nss1,(MCS0)_1TX	80.25M	74.763M	74M8D1D	77.66M	71.814M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.335M	17.482M	17M5D1D	3.18M	8.376M
802.11ac VHT20_Nss1,(MCS0)_1TX	17.545M	18.638M	18M6D1D	3.8M	8.296M
802.11ac VHT40_Nss1,(MCS0)_1TX	36.3M	36.25M	36M3D1D	3.24M	14.753M
802.11ac VHT80_Nss1,(MCS0)_1TX	72.38M	75.676M	75M7D1D	3.2M	38.001M

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

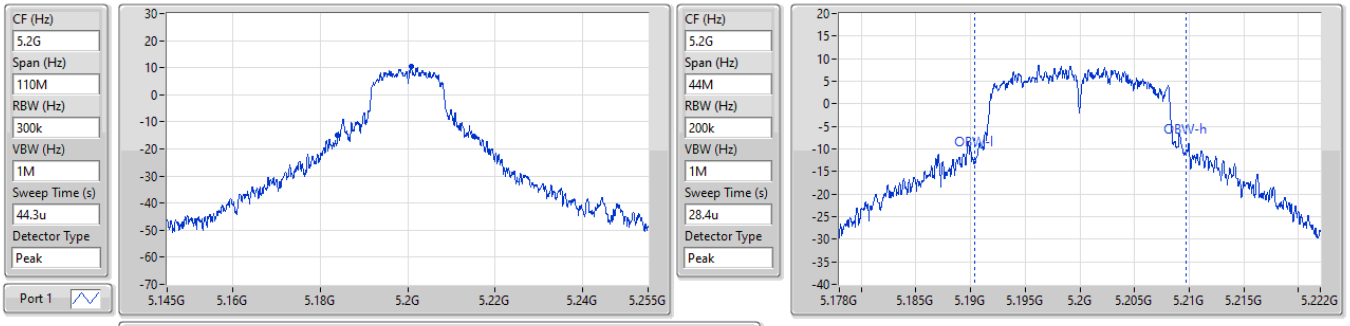
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	20.46M	16.47M
5200MHz	Pass	Inf	31.075M	19.35M
5240MHz	Pass	Inf	20.57M	16.294M
5260MHz	Pass	Inf	18.7M	16.338M
5300MHz	Pass	Inf	28.71M	16.84M
5320MHz	Pass	Inf	19.305M	16.316M
5500MHz	Pass	Inf	23.485M	16.338M
5580MHz	Pass	Inf	27.94M	16.655M
5700MHz	Pass	Inf	25.245M	16.778M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	18.84M	13.583M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.18M	8.376M
5745MHz	Pass	500k	12.485M	16.932M
5785MHz	Pass	500k	14.85M	17.482M
5825MHz	Pass	500k	16.335M	16.955M
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	20.79M	17.616M
5200MHz	Pass	Inf	30.58M	18.111M
5240MHz	Pass	Inf	20.9M	17.516M
5260MHz	Pass	Inf	20.24M	17.516M
5300MHz	Pass	Inf	30.58M	18.871M
5320MHz	Pass	Inf	21.395M	17.516M
5500MHz	Pass	Inf	24.86M	17.491M
5580MHz	Pass	Inf	26.675M	18.075M
5700MHz	Pass	Inf	22.275M	17.391M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	22.185M	14.798M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.8M	8.296M
5745MHz	Pass	500k	17.545M	18.091M
5785MHz	Pass	500k	17.545M	18.638M
5825MHz	Pass	500k	17.545M	17.87M
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	40.15M	35.882M
5230MHz	Pass	Inf	39.93M	35.982M
5270MHz	Pass	Inf	38.72M	35.932M
5310MHz	Pass	Inf	38.5M	35.832M
5510MHz	Pass	Inf	39.82M	35.732M
5550MHz	Pass	Inf	44.22M	35.971M
5670MHz	Pass	Inf	40.04M	35.882M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	49.175M	33.093M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.24M	14.753M
5755MHz	Pass	500k	35.64M	36.035M
5795MHz	Pass	500k	36.3M	36.25M
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	78.32M	74.863M
5290MHz	Pass	Inf	78.32M	74.763M
5530MHz	Pass	Inf	77.66M	74.763M
5610MHz	Pass	Inf	77.88M	74.763M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	80.25M	71.814M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.2M	38.001M
5775MHz	Pass	500k	72.38M	75.676M

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 **EBW**

5200MHz

13/03/2024

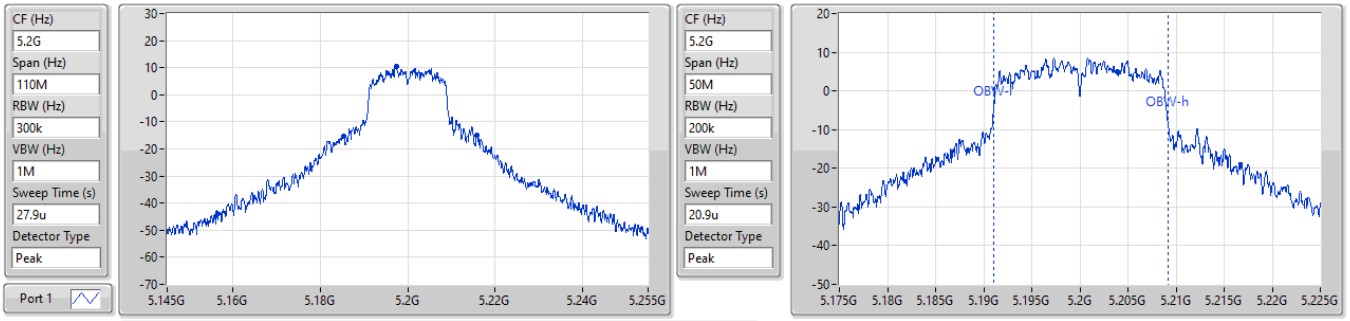


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
31.075M	5.18394G	5.215015G	19.35M	5.190391G	5.209741G	Inf	1

5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_1TX **EBW**

5200MHz

08/02/2024

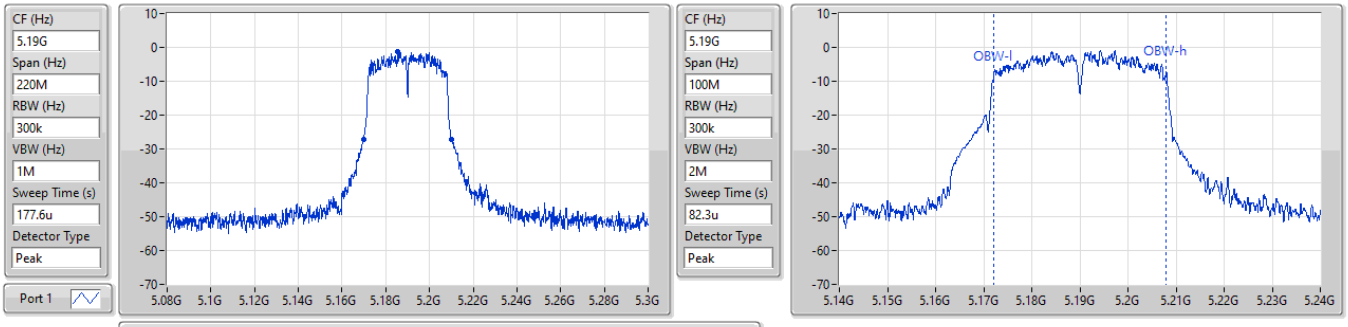


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
30.58M	5.18537G	5.21595G	18.111M	5.191014G	5.209125G	Inf	1

5.15-5.25GHz_802.11ac VHT40_Nss1,(MCS0)_1TX **EBW**

5190MHz

08/03/2024

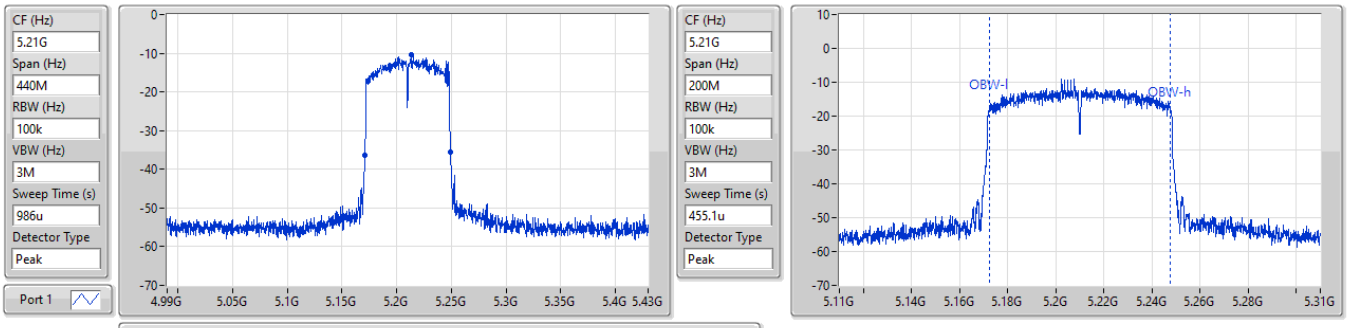


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.15M	5.16987G	5.21002G	35.882M	5.172059G	5.207941G	Inf	1

5.15-5.25GHz_802.11ac VHT80_Nss1,(MCS0)_1TX **EBW**

5210MHz

08/03/2024

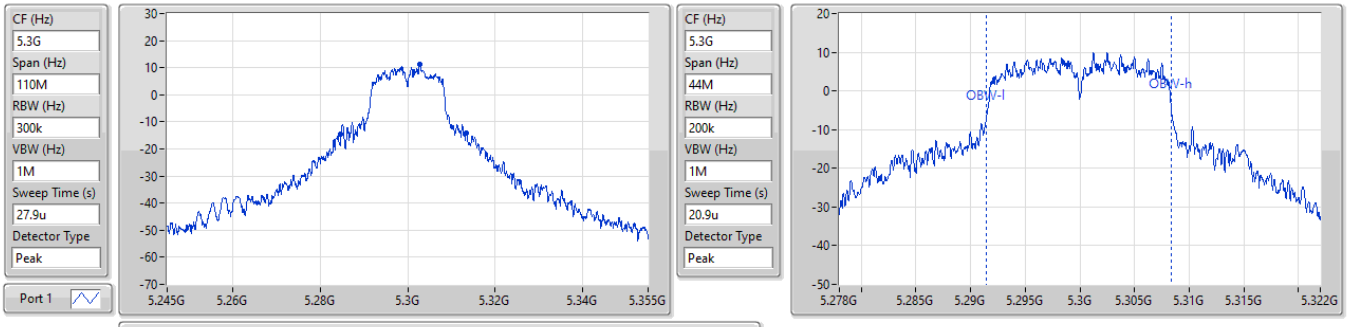


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
78.32M	5.17084G	5.24916G	74.863M	5.172519G	5.247381G	Inf	1

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

5300MHz

08/02/2024

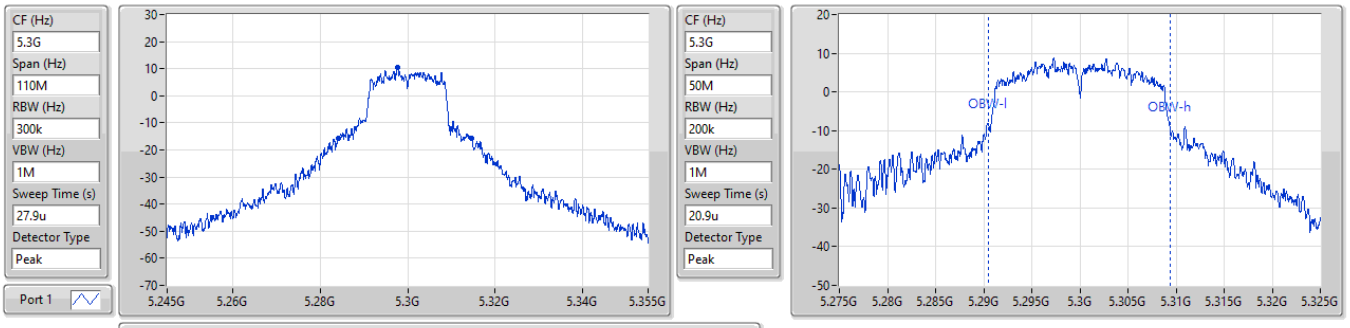


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.71M	5.284765G	5.313475G	16.84M	5.291483G	5.308323G	Inf	1

5.25-5.35GHz_802.11ac VHT20_Nss1,(MCS0)_1TX **EBW**

5300MHz

08/02/2024

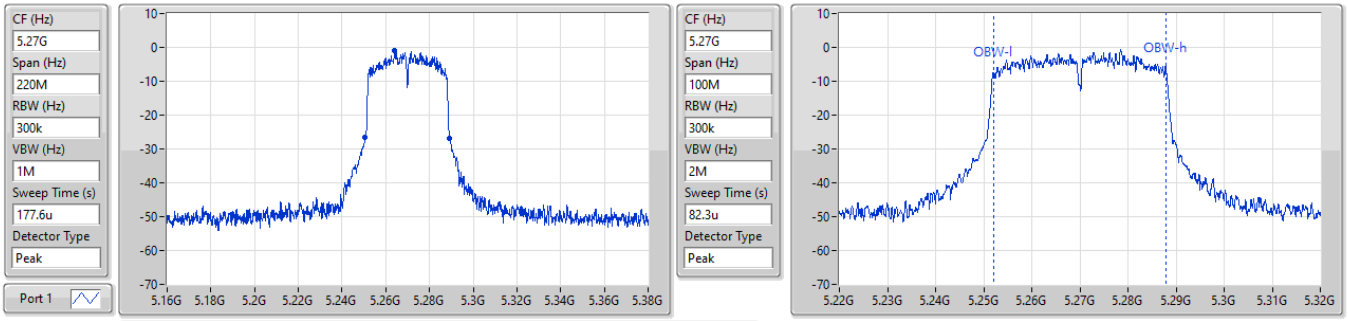


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
30.58M	5.28416G	5.31474G	18.871M	5.290491G	5.309362G	Inf	1

5.25-5.35GHz_802.11ac VHT40_Nss1,(MCS0)_1TX **EBW**

5270MHz

08/03/2024

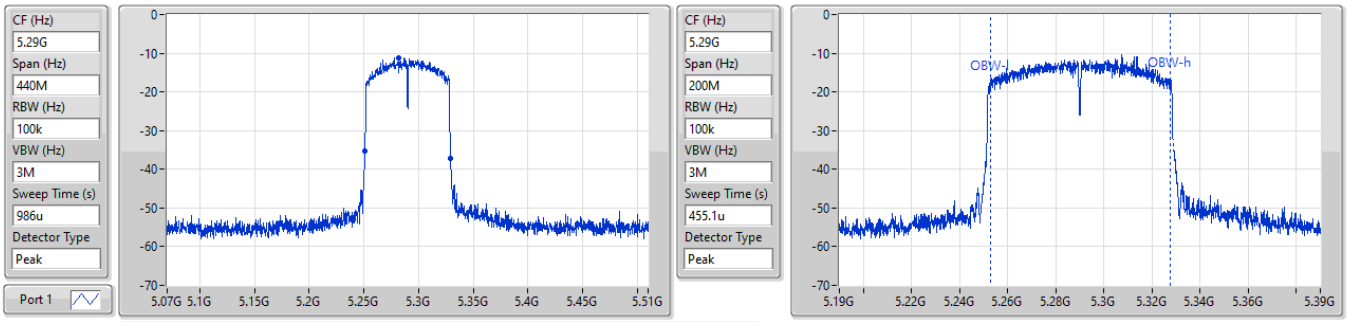


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.72M	5.25053G	5.28925G	35.932M	5.252009G	5.287941G	Inf	1

5.25-5.35GHz_802.11ac VHT80_Nss1,(MCS0)_1TX **EBW**

5290MHz

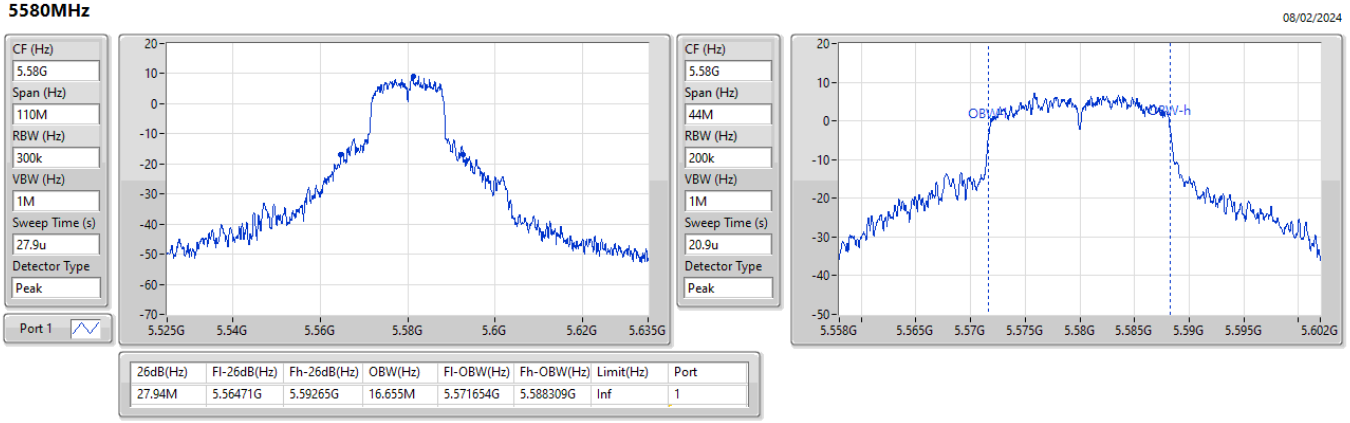
08/03/2024



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
78.32M	5.25106G	5.32938G	74.763M	5.252719G	5.327481G	Inf	1

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

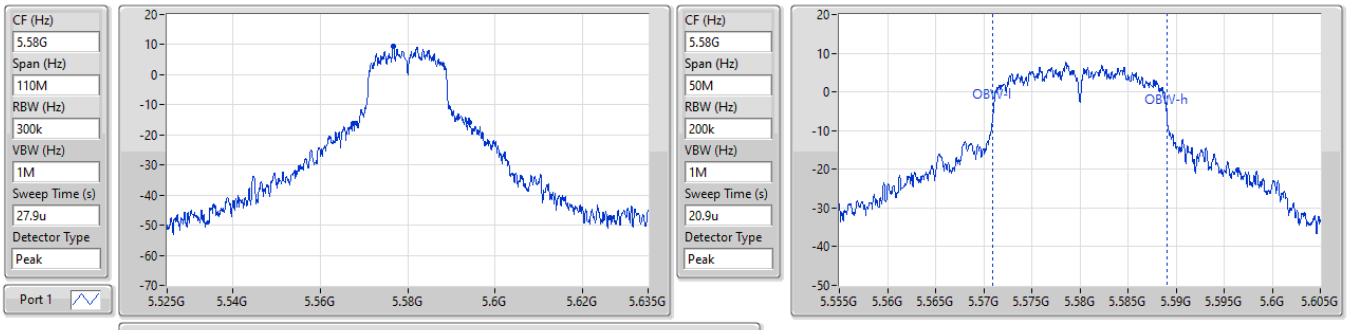
5580MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.94M	5.56471G	5.59265G	16.655M	5.571654G	5.588309G	Inf	1

5.47-5.725GHz_802.11ac VHT20_Nss1,(MCS0)_1TX **EBW**

5580MHz

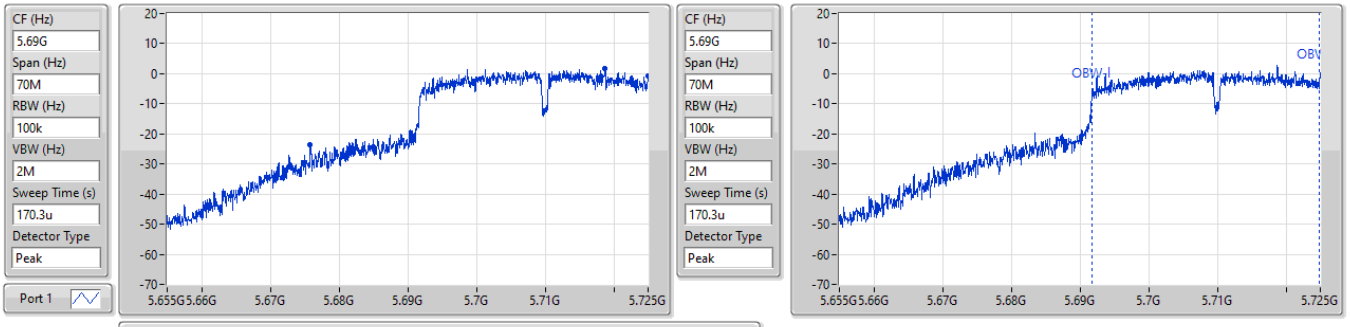


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.675M	5.567515G	5.59419G	18.075M	5.570984G	5.589059G	Inf	1

5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_1TX **EBW**

5710MHz Straddle 5.47-5.725GHz

06/03/2024

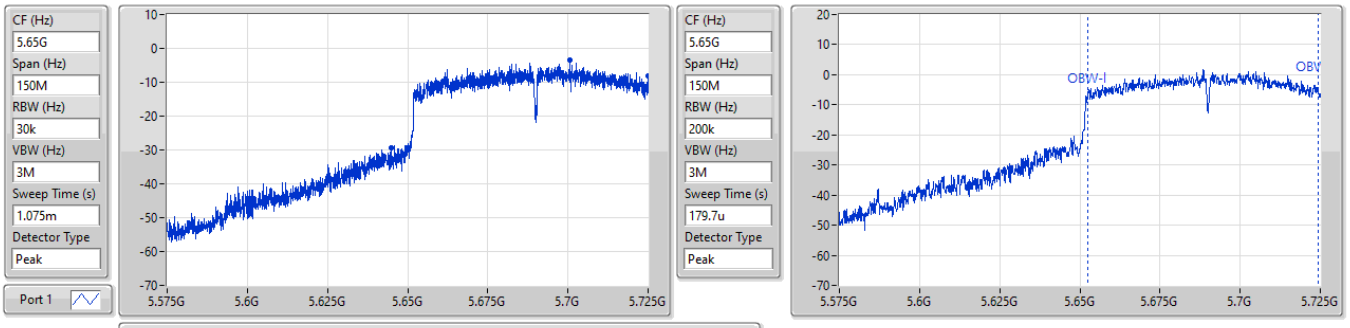


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
49.175M	5.675825G	5.725G	33.093M	5.691819G	5.724913G	Inf	1

5.47-5.725GHz_802.11ac VHT80_Nss1,(MCS0)_1TX **EBW**

5690MHz Straddle 5.47-5.725GHz

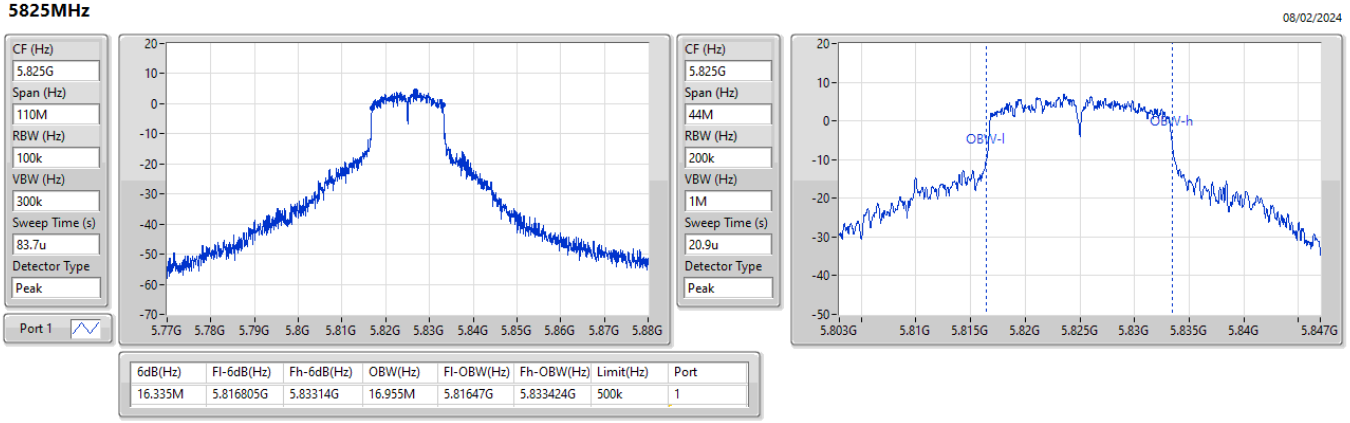
06/03/2024



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.25M	5.64475G	5.725G	71.814M	5.652399G	5.724213G	Inf	1

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

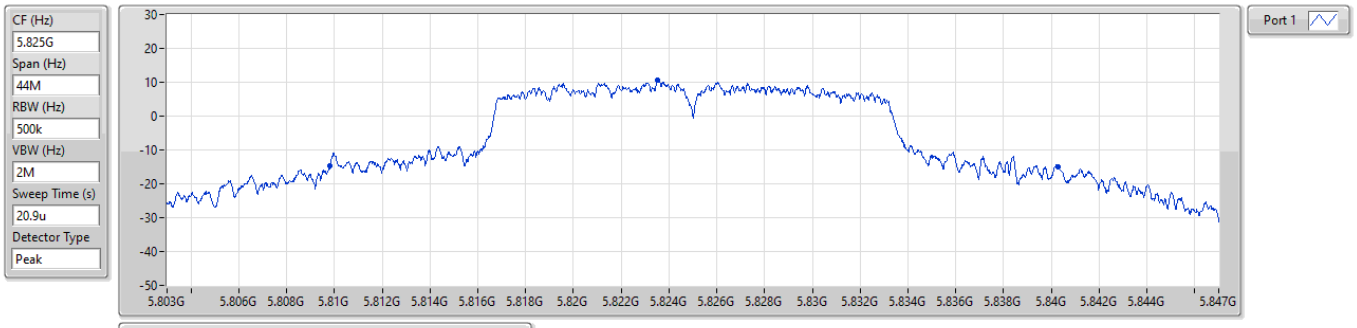
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.335M	5.816805G	5.83314G	16.955M	5.81647G	5.833424G	500k	1

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

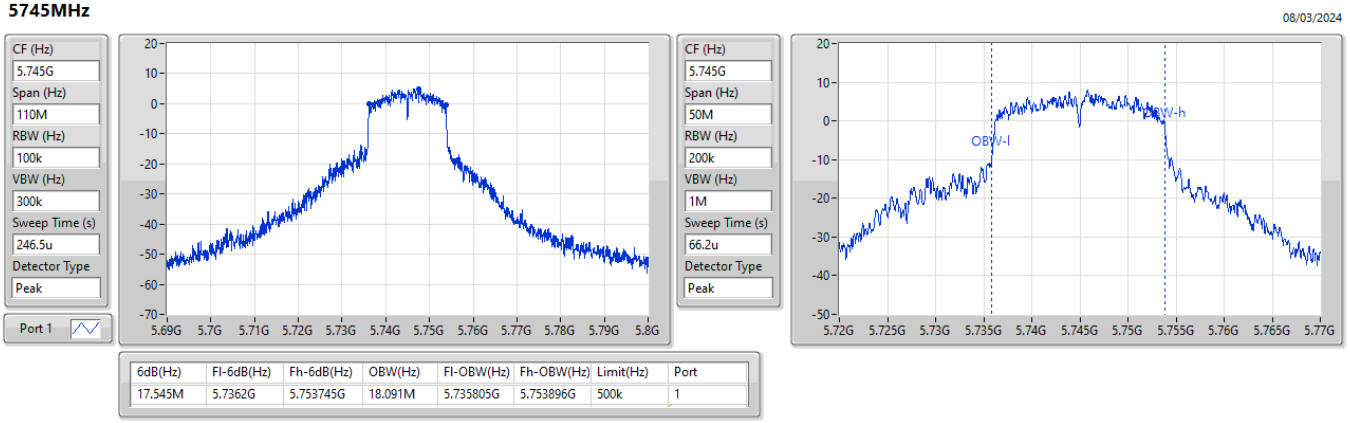
5825MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
30.47M	5.80982G	5.84029G	Inf	1

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX **EBW**

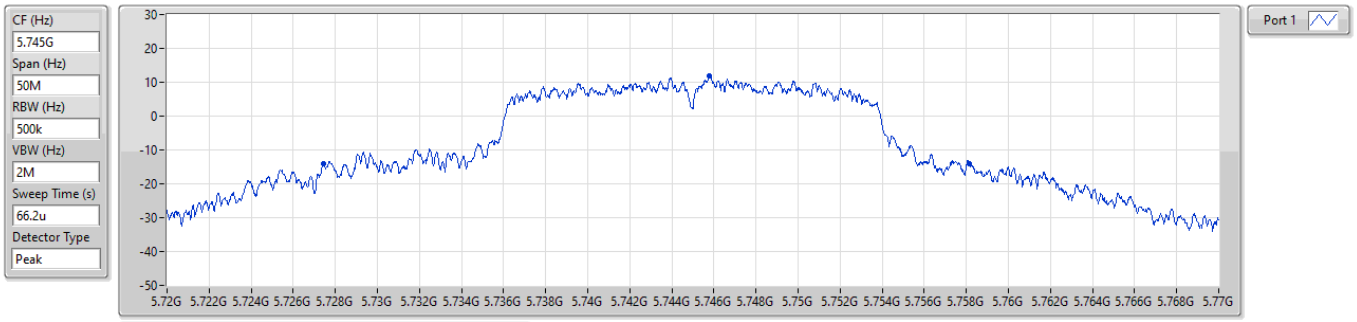
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.545M	5.7362G	5.753745G	18.091M	5.735805G	5.753896G	500k	1

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX **EBW**

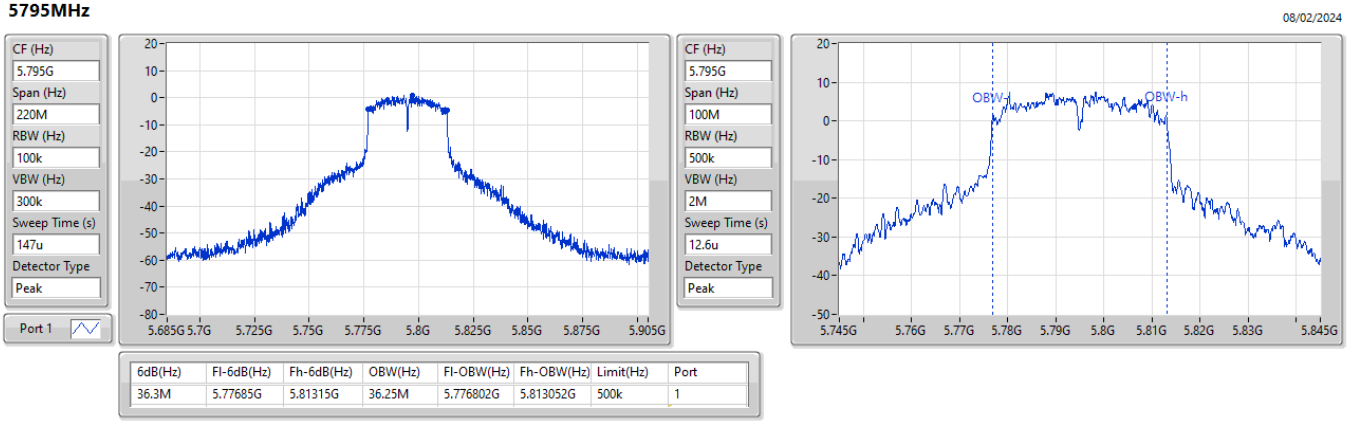
5745MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
30.725M	5.727425G	5.75815G	Inf	1

5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_1TX **EBW**

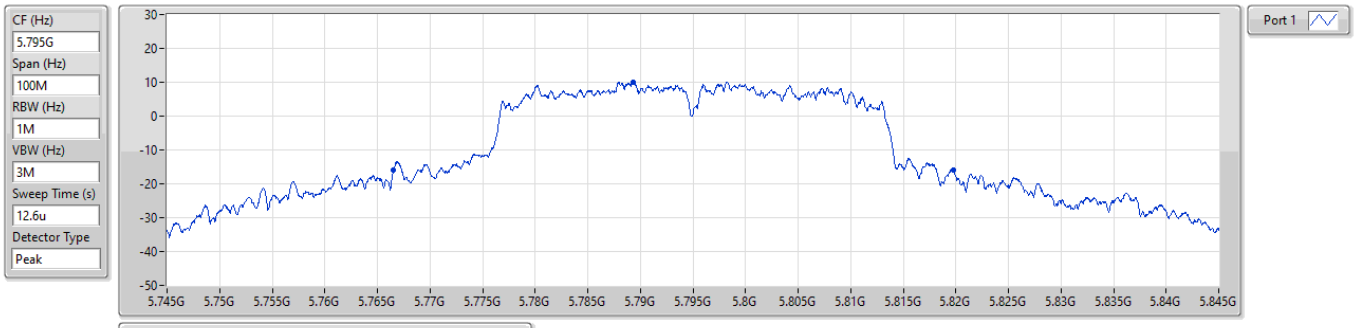
5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	5.77685G	5.81315G	36.25M	5.776802G	5.813052G	500k	1

5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_1TX **EBW**

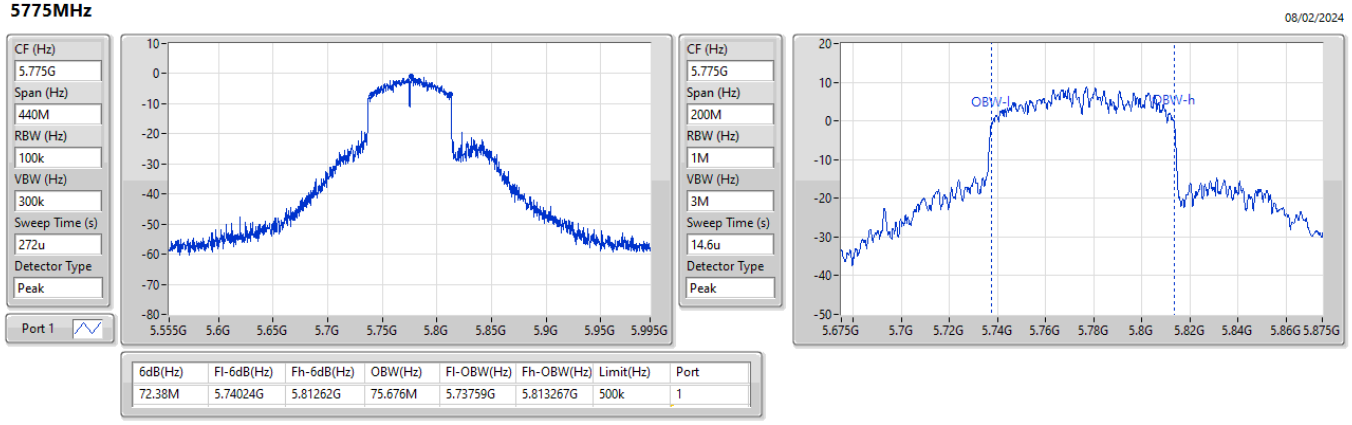
5795MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
53.2M	5.76655G	5.81975G	Inf	1

5.725-5.85GHz_802.11ac VHT80_Nss1,(MCS0)_1TX **EBW**

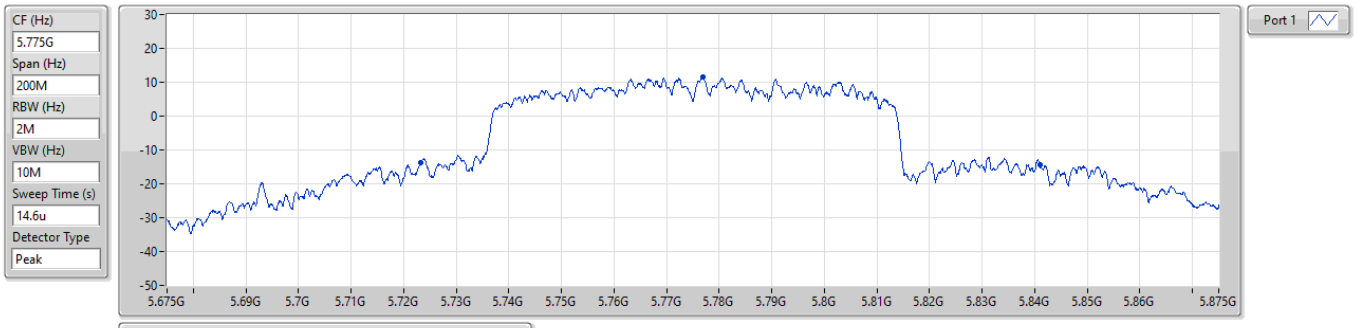
5775MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
72.38M	5.74024G	5.81262G	75.676M	5.73759G	5.813267G	500k	1

5.725-5.85GHz_802.11ac VHT80_Nss1,(MCS0)_1TX **EBW**

5775MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
117.8M	5.7232G	5.841G	Inf	1

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.83	0.09616	22.63	0.18323
802.11ac VHT20_Nss1,(MCS0)_1TX	20.17	0.10399	22.97	0.19815
802.11ac VHT40_Nss1,(MCS0)_1TX	11.99	0.01581	14.79	0.03013
802.11ac VHT80_Nss1,(MCS0)_1TX	9.41	0.00873	12.21	0.01663
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	20.19	0.10447	22.99	0.19907
802.11ac VHT20_Nss1,(MCS0)_1TX	20.15	0.10351	22.95	0.19724
802.11ac VHT40_Nss1,(MCS0)_1TX	11.97	0.01574	14.77	0.02999
802.11ac VHT80_Nss1,(MCS0)_1TX	9.49	0.00889	12.29	0.01694
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	18.83	0.07638	21.63	0.14555
802.11ac VHT20_Nss1,(MCS0)_1TX	19.07	0.08072	21.87	0.15382
802.11ac VHT40_Nss1,(MCS0)_1TX	18.38	0.06887	21.18	0.13122
802.11ac VHT80_Nss1,(MCS0)_1TX	17.79	0.06012	20.59	0.11455
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.01	0.07962	21.81	0.15171
802.11ac VHT20_Nss1,(MCS0)_1TX	19.12	0.08166	21.92	0.15560
802.11ac VHT40_Nss1,(MCS0)_1TX	18.74	0.07482	21.54	0.14256
802.11ac VHT80_Nss1,(MCS0)_1TX	18.68	0.07379	21.48	0.14060

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	2.80	15.96	15.96	23.98	18.76	30.00
5200MHz	Pass	2.80	19.83	19.83	23.98	22.63	30.00
5240MHz	Pass	2.80	15.97	15.97	23.98	18.77	30.00
5260MHz	Pass	2.80	15.94	15.94	23.72	18.74	26.99
5300MHz	Pass	2.80	20.19	20.19	23.98	22.99	26.99
5320MHz	Pass	2.80	15.96	15.96	23.86	18.76	26.99
5500MHz	Pass	2.80	16.28	16.28	23.98	19.08	26.99
5580MHz	Pass	2.80	18.83	18.83	23.98	21.63	26.99
5700MHz	Pass	2.80	15.90	15.90	23.98	18.70	26.99
5720MHz Straddle 5.47-5.725GHz	Pass	2.80	18.04	18.04	23.75	20.84	26.99
5720MHz Straddle 5.725-5.85GHz	Pass	2.80	10.70	10.70	30.00	13.50	36.00
5745MHz	Pass	2.80	18.95	18.95	30.00	21.75	36.00
5785MHz	Pass	2.80	19.01	19.01	30.00	21.81	36.00
5825MHz	Pass	2.80	18.71	18.71	30.00	21.51	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	2.80	14.94	14.94	23.98	17.74	30.00
5200MHz	Pass	2.80	20.17	20.17	23.98	22.97	30.00
5240MHz	Pass	2.80	14.99	14.99	23.98	17.79	30.00
5260MHz	Pass	2.80	15.96	15.96	23.98	18.76	26.99
5300MHz	Pass	2.80	20.15	20.15	23.98	22.95	26.99
5320MHz	Pass	2.80	15.99	15.99	23.98	18.79	26.99
5500MHz	Pass	2.80	15.93	15.93	23.98	18.73	26.99
5580MHz	Pass	2.80	19.07	19.07	23.98	21.87	26.99
5700MHz	Pass	2.80	15.97	15.97	23.98	18.77	26.99
5720MHz Straddle 5.47-5.725GHz	Pass	2.80	18.03	18.03	23.98	20.83	26.99
5720MHz Straddle 5.725-5.85GHz	Pass	2.80	11.14	11.14	30.00	13.94	36.00
5745MHz	Pass	2.80	18.95	18.95	30.00	21.75	36.00
5785MHz	Pass	2.80	19.12	19.12	30.00	21.92	36.00
5825MHz	Pass	2.80	18.48	18.48	30.00	21.28	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	2.80	11.99	11.99	23.98	14.79	30.00
5230MHz	Pass	2.80	11.98	11.98	23.98	14.78	30.00
5270MHz	Pass	2.80	11.95	11.95	23.98	14.75	26.99
5310MHz	Pass	2.80	11.97	11.97	23.98	14.77	26.99
5510MHz	Pass	2.80	13.07	13.07	23.98	15.87	26.99
5550MHz	Pass	2.80	18.38	18.38	23.98	21.18	26.99
5670MHz	Pass	2.80	13.97	13.97	23.98	16.77	26.99
5710MHz Straddle 5.47-5.725GHz	Pass	2.80	17.94	17.94	23.98	20.74	26.99
5710MHz Straddle 5.725-5.85GHz	Pass	2.80	5.27	5.27	30.00	8.07	36.00
5755MHz	Pass	2.80	18.74	18.74	30.00	21.54	36.00
5795MHz	Pass	2.80	17.95	17.95	30.00	20.75	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	2.80	9.41	9.41	23.98	12.21	30.00
5290MHz	Pass	2.80	9.49	9.49	23.98	12.29	26.99
5530MHz	Pass	2.80	11.98	11.98	23.98	14.78	26.99
5610MHz	Pass	2.80	11.98	11.98	23.98	14.78	26.99
5690MHz Straddle 5.47-5.725GHz	Pass	2.80	17.79	17.79	23.98	20.59	26.99
5690MHz Straddle 5.725-5.85GHz	Pass	2.80	1.07	1.07	30.00	3.87	36.00
5775MHz	Pass	2.80	18.68	18.68	30.00	21.48	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	7.82	10.62
802.11ac VHT20_Nss1,(MCS0)_1TX	7.78	10.58
802.11ac VHT40_Nss1,(MCS0)_1TX	-2.96	-0.16
802.11ac VHT80_Nss1,(MCS0)_1TX	-9.46	-6.66
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	7.73	10.53
802.11ac VHT20_Nss1,(MCS0)_1TX	7.74	10.54
802.11ac VHT40_Nss1,(MCS0)_1TX	-3.07	-0.27
802.11ac VHT80_Nss1,(MCS0)_1TX	-9.5	-6.70
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	6.65	9.45
802.11ac VHT20_Nss1,(MCS0)_1TX	6.81	9.61
802.11ac VHT40_Nss1,(MCS0)_1TX	3.7	6.50
802.11ac VHT80_Nss1,(MCS0)_1TX	-0.19	2.61
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	5.36	8.16
802.11ac VHT20_Nss1,(MCS0)_1TX	5.46	8.26
802.11ac VHT40_Nss1,(MCS0)_1TX	2.43	5.23
802.11ac VHT80_Nss1,(MCS0)_1TX	-0.74	2.06

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

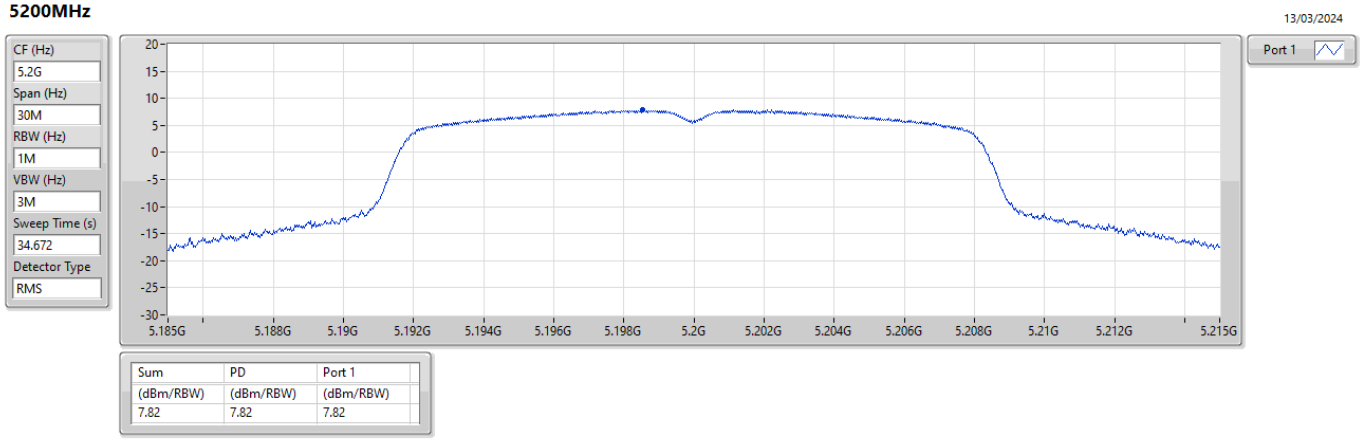
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	2.80	4.09	4.09	11.00	6.89	17.00
5200MHz	Pass	2.80	7.82	7.82	11.00	10.62	17.00
5240MHz	Pass	2.80	3.60	3.60	11.00	6.40	17.00
5260MHz	Pass	2.80	3.89	3.89	11.00	6.69	17.00
5300MHz	Pass	2.80	7.73	7.73	11.00	10.53	17.00
5320MHz	Pass	2.80	3.69	3.69	11.00	6.49	17.00
5500MHz	Pass	2.80	4.33	4.33	11.00	7.13	17.00
5580MHz	Pass	2.80	6.38	6.38	11.00	9.18	17.00
5700MHz	Pass	2.80	4.01	4.01	11.00	6.81	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	2.80	6.65	6.65	11.00	9.45	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	2.80	3.80	3.80	30.00	6.60	36.00
5745MHz	Pass	2.80	5.36	5.36	30.00	8.16	36.00
5785MHz	Pass	2.80	5.15	5.15	30.00	7.95	36.00
5825MHz	Pass	2.80	4.83	4.83	30.00	7.63	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	2.80	2.63	2.63	11.00	5.43	17.00
5200MHz	Pass	2.80	7.78	7.78	11.00	10.58	17.00
5240MHz	Pass	2.80	2.72	2.72	11.00	5.52	17.00
5260MHz	Pass	2.80	4.09	4.09	11.00	6.89	17.00
5300MHz	Pass	2.80	7.74	7.74	11.00	10.54	17.00
5320MHz	Pass	2.80	3.76	3.76	11.00	6.56	17.00
5500MHz	Pass	2.80	4.17	4.17	11.00	6.97	17.00
5580MHz	Pass	2.80	6.54	6.54	11.00	9.34	17.00
5700MHz	Pass	2.80	4.03	4.03	11.00	6.83	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	2.80	6.81	6.81	11.00	9.61	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	2.80	4.00	4.00	30.00	6.80	36.00
5745MHz	Pass	2.80	5.46	5.46	30.00	8.26	36.00
5785MHz	Pass	2.80	5.31	5.31	30.00	8.11	36.00
5825MHz	Pass	2.80	4.60	4.60	30.00	7.40	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	2.80	-2.96	-2.96	11.00	-0.16	17.00
5230MHz	Pass	2.80	-3.14	-3.14	11.00	-0.34	17.00
5270MHz	Pass	2.80	-3.07	-3.07	11.00	-0.27	17.00
5310MHz	Pass	2.80	-3.08	-3.08	11.00	-0.28	17.00
5510MHz	Pass	2.80	-1.28	-1.28	11.00	1.52	17.00
5550MHz	Pass	2.80	3.45	3.45	11.00	6.25	17.00
5670MHz	Pass	2.80	-0.94	-0.94	11.00	1.86	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	2.80	3.70	3.70	11.00	6.50	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	2.80	-1.11	-1.11	30.00	1.69	36.00
5755MHz	Pass	2.80	2.43	2.43	30.00	5.23	36.00
5795MHz	Pass	2.80	1.81	1.81	30.00	4.61	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	2.80	-9.46	-9.46	11.00	-6.66	17.00
5290MHz	Pass	2.80	-9.50	-9.50	11.00	-6.70	17.00
5530MHz	Pass	2.80	-6.81	-6.81	11.00	-4.01	17.00
5610MHz	Pass	2.80	-6.58	-6.58	11.00	-3.78	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	2.80	-0.19	-0.19	11.00	2.61	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	2.80	-6.47	-6.47	30.00	-3.67	36.00
5775MHz	Pass	2.80	-0.74	-0.74	30.00	2.06	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;

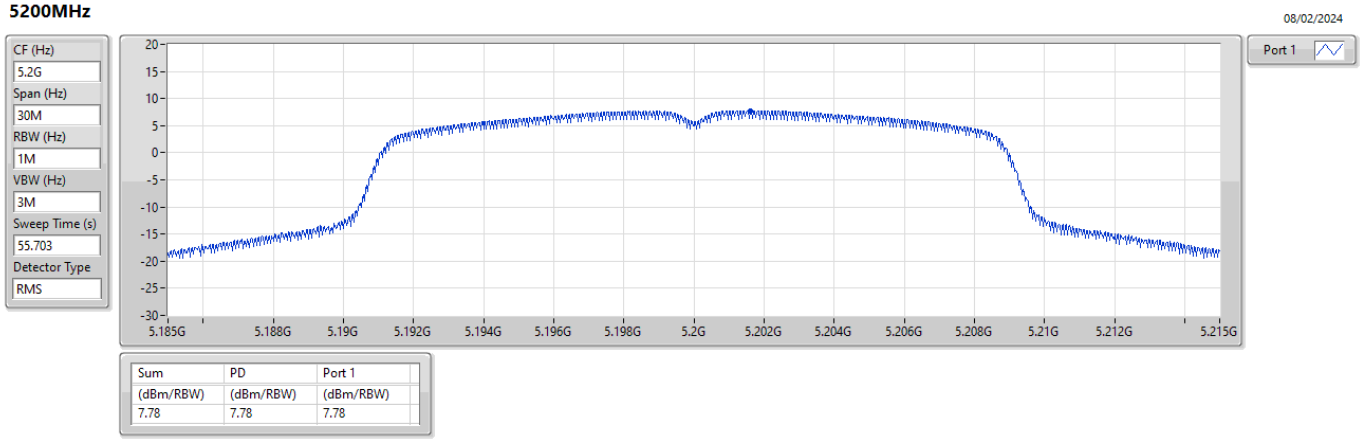
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX **PSD**

5200MHz



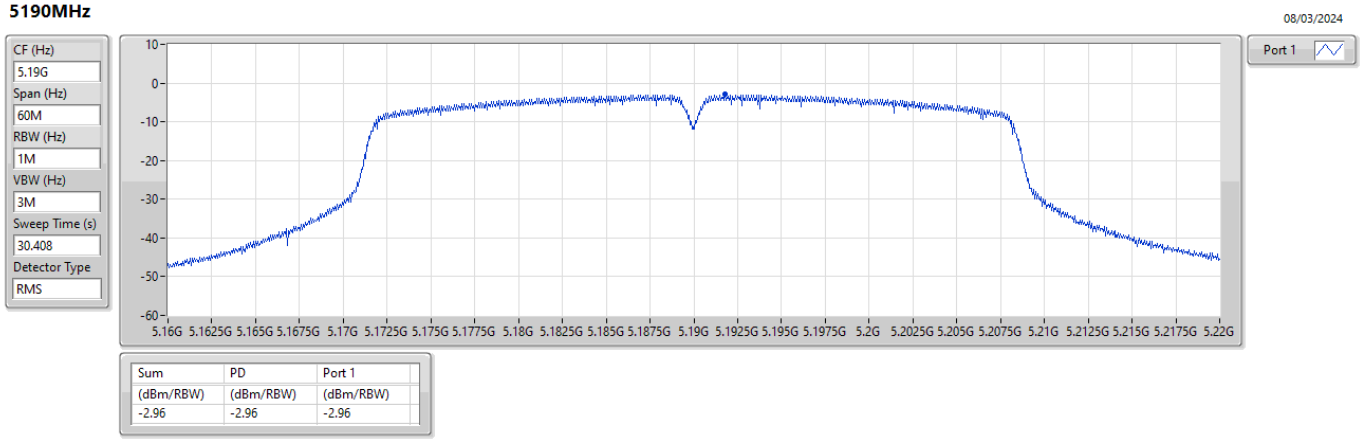
5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_1TX **PSD**

5200MHz



5.15-5.25GHz_802.11ac VHT40_Nss1,(MCS0)_1TX **PSD**

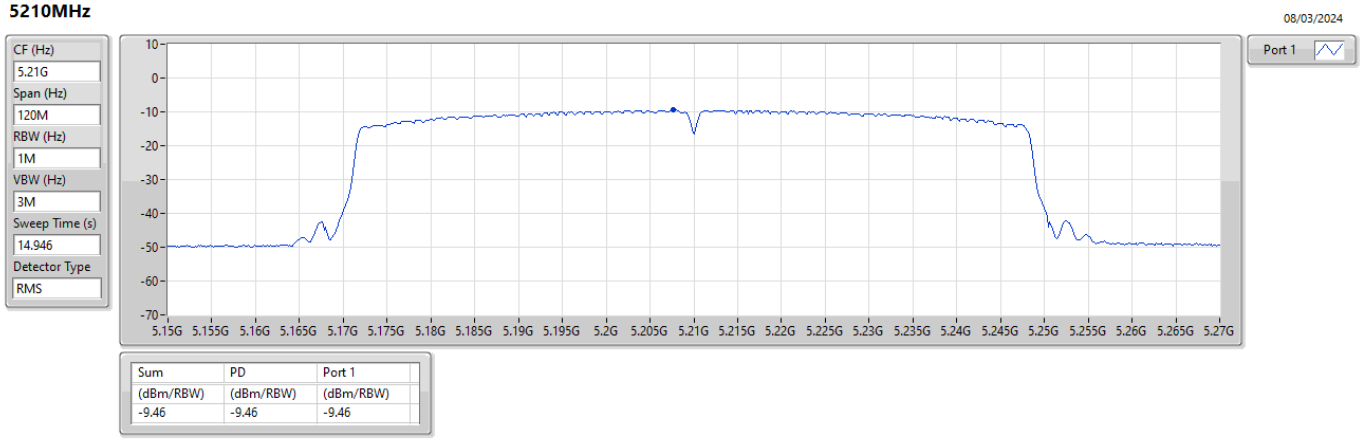
5190MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.96	-2.96	-2.96

5.15-5.25GHz_802.11ac VHT80_Nss1,(MCS0)_1TX **PSD**

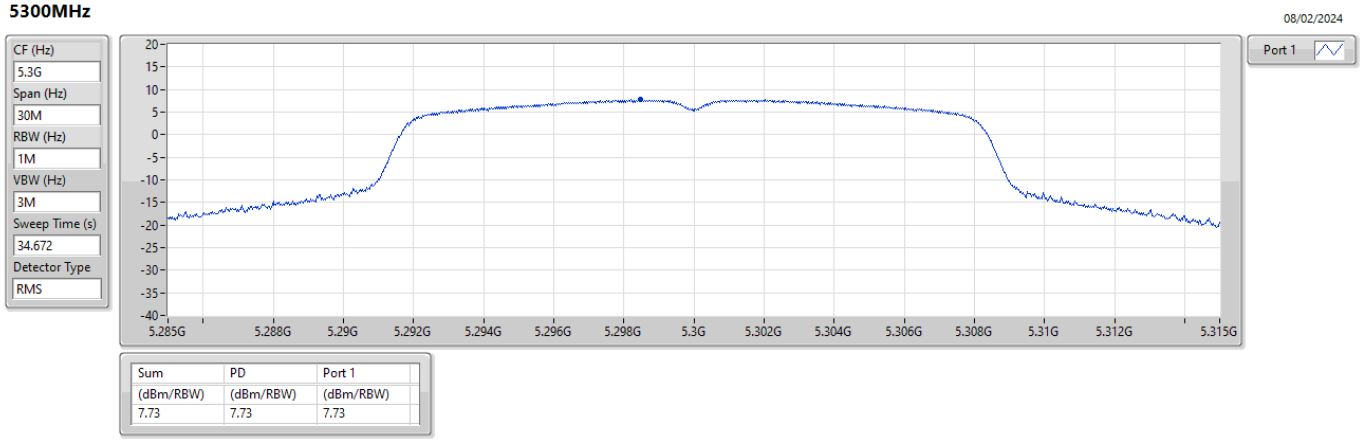
5210MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.46	-9.46	-9.46

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX **PSD**

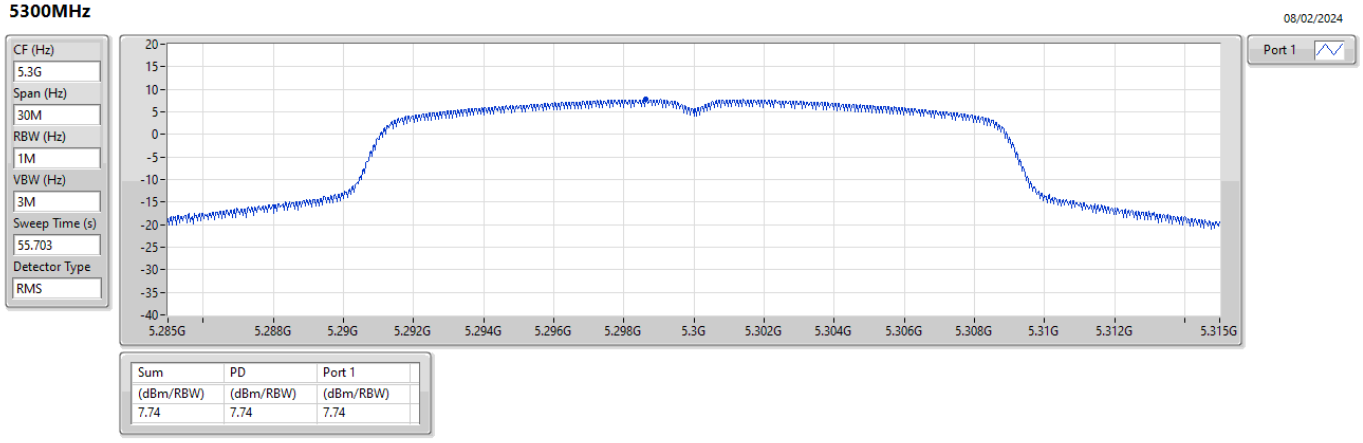
5300MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.73	7.73	7.73

5.25-5.35GHz_802.11ac VHT20_Nss1,(MCS0)_1TX **PSD**

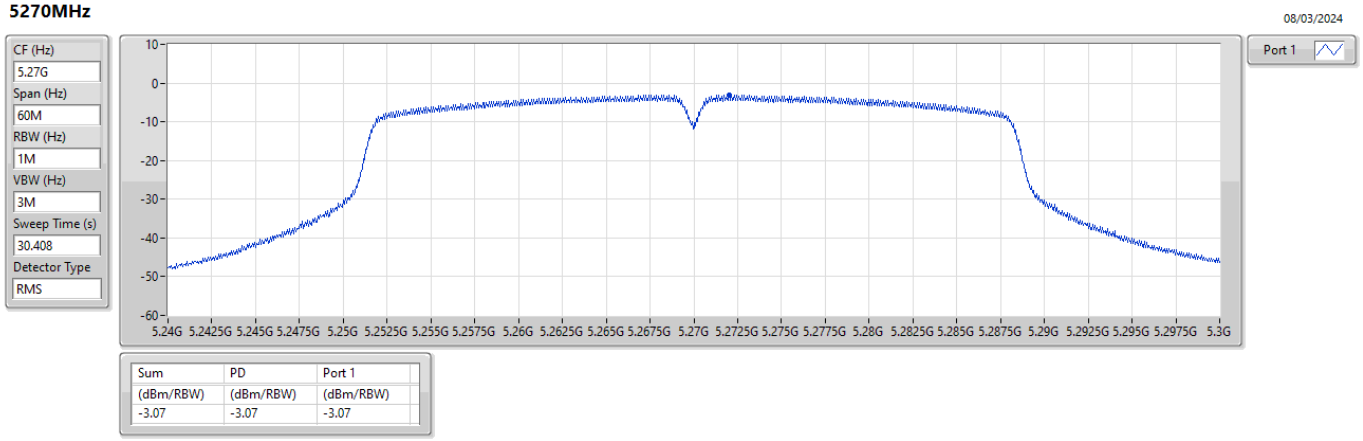
5300MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.74	7.74	7.74

5.25-5.35GHz_802.11ac VHT40_Nss1,(MCS0)_1TX **PSD**

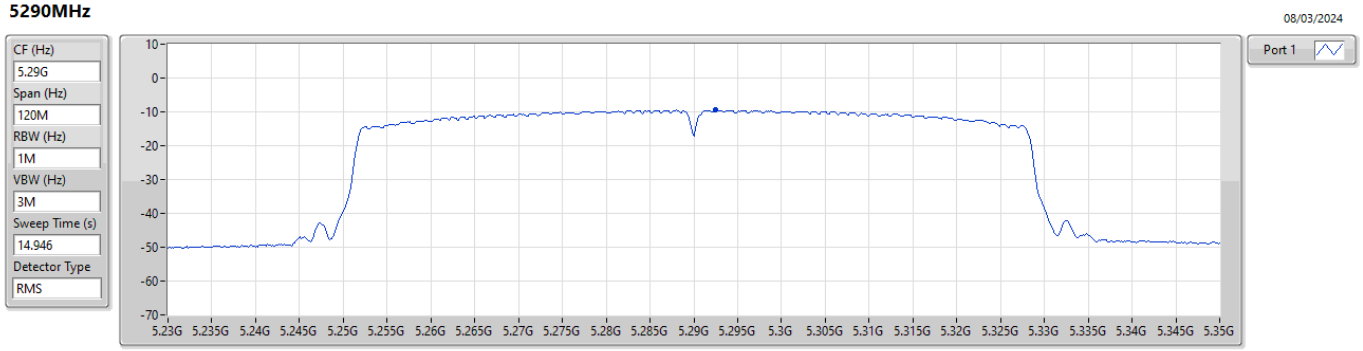
5270MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.07	-3.07	-3.07

5.25-5.35GHz_802.11ac VHT80_Nss1,(MCS0)_1TX **PSD**

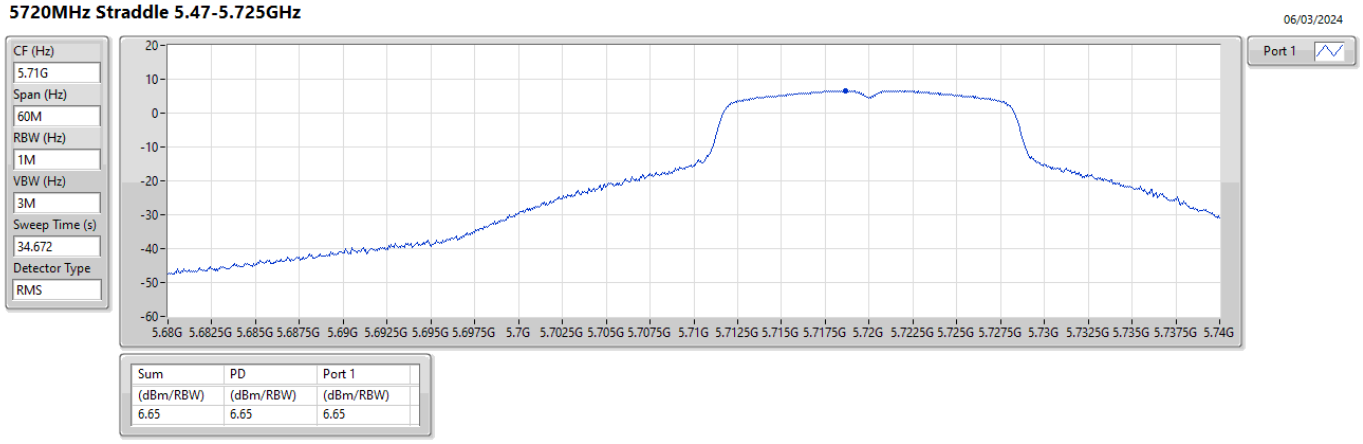
5290MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.50	-9.50	-9.50

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX **PSD**

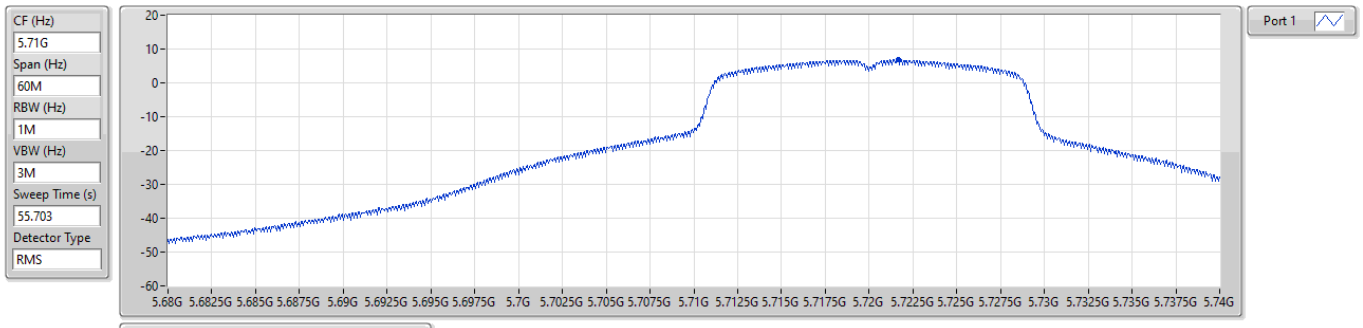
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.65	6.65	6.65

5.47-5.725GHz_802.11ac VHT20_Nss1,(MCS0)_1TX **PSD**

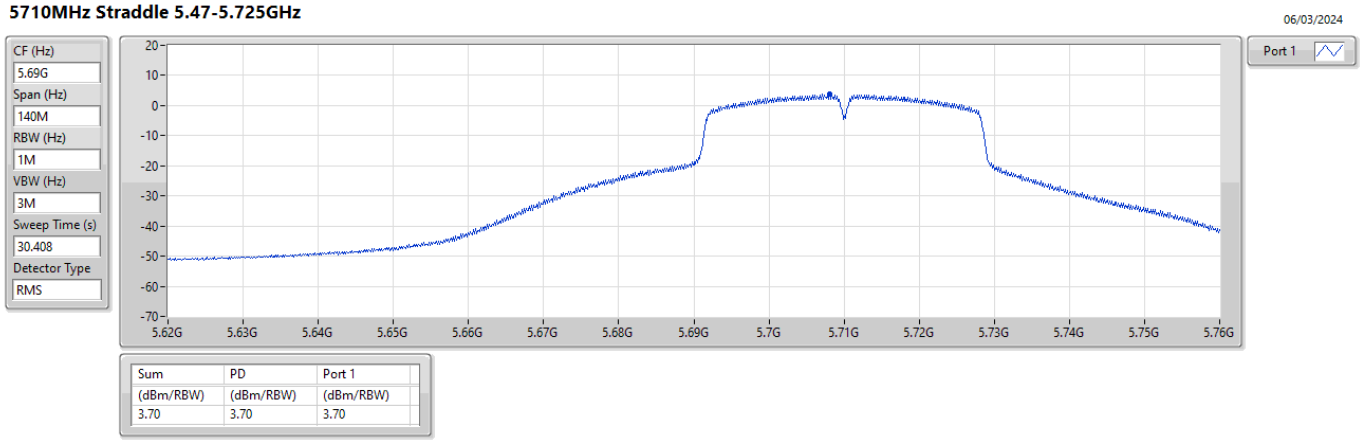
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.81	6.81	6.81

5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_1TX **PSD**

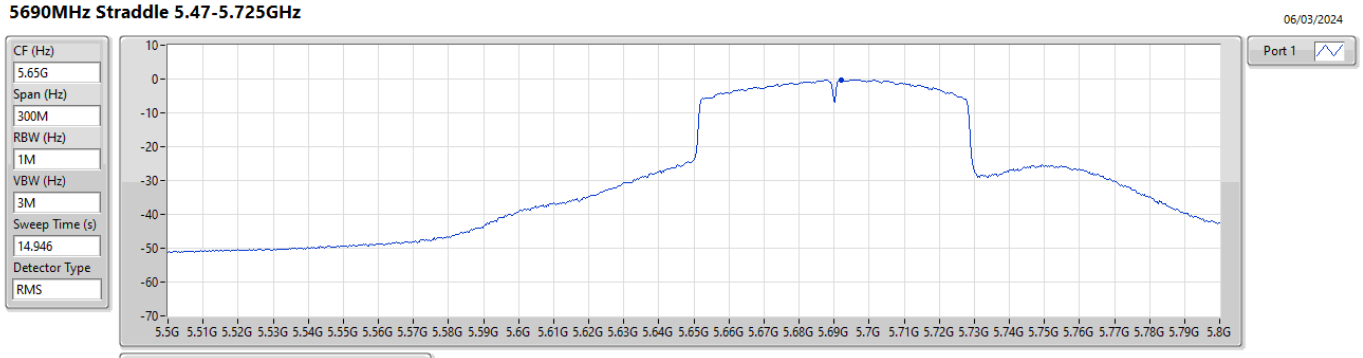
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.70	3.70	3.70

5.47-5.725GHz_802.11ac VHT80_Nss1,(MCS0)_1TX **PSD**

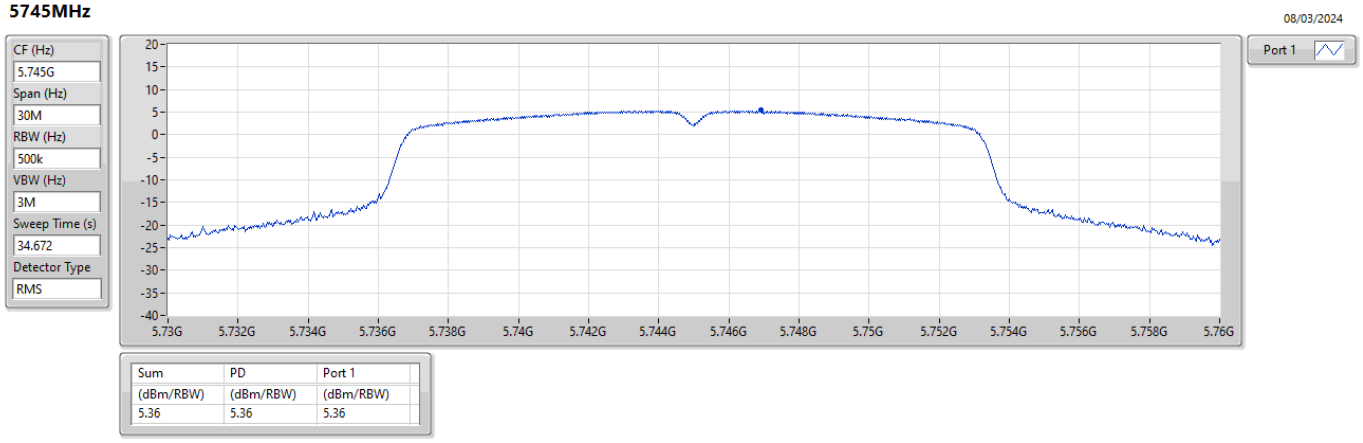
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.19	-0.19	-0.19

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

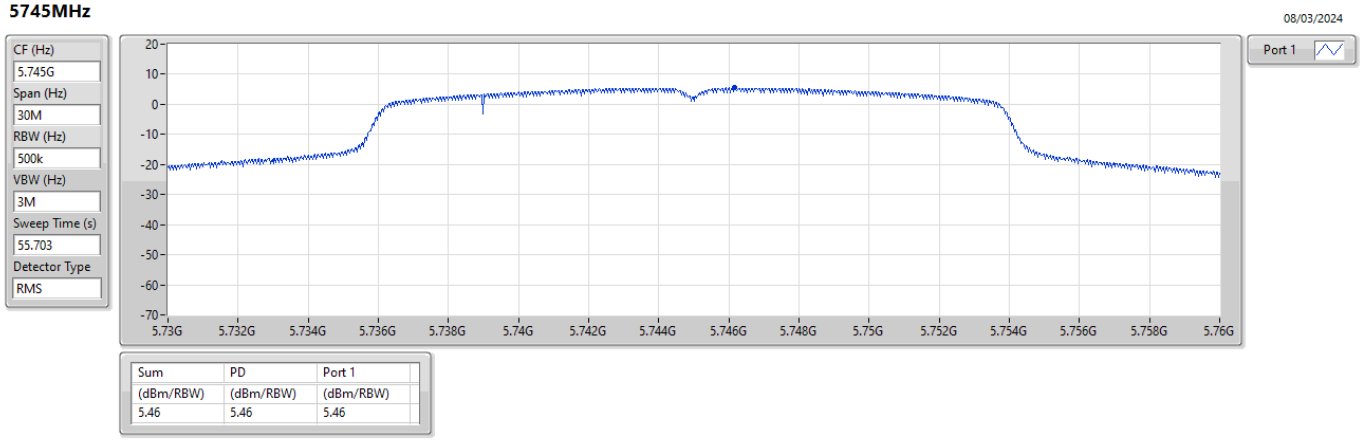
5745MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.36	5.36	5.36

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX **PSD**

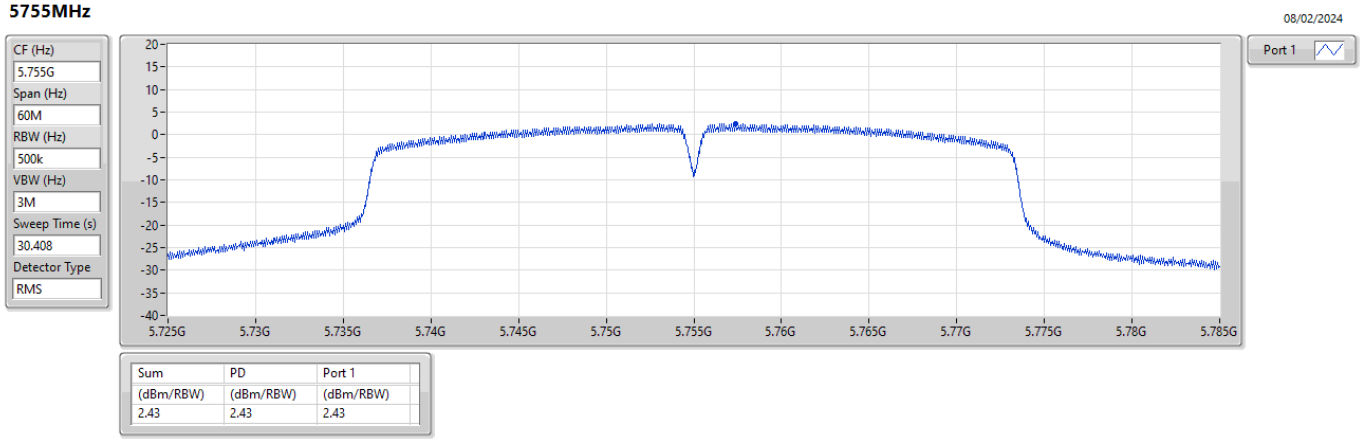
5745MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.46	5.46	5.46

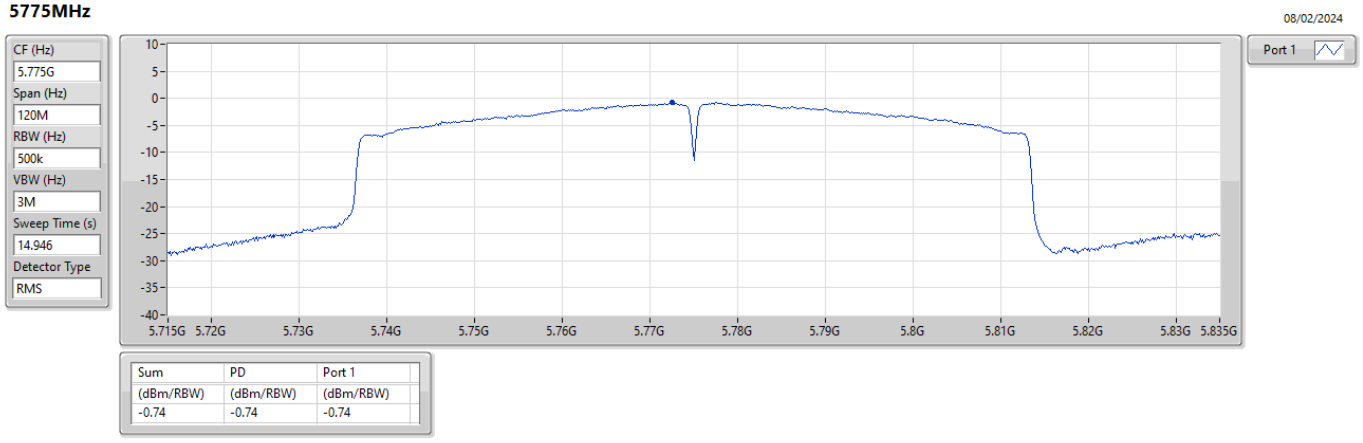
5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_1TX **PSD**

5755MHz



5.725-5.85GHz_802.11ac VHT80_Nss1,(MCS0)_1TX **PSD**

5775MHz



Summary

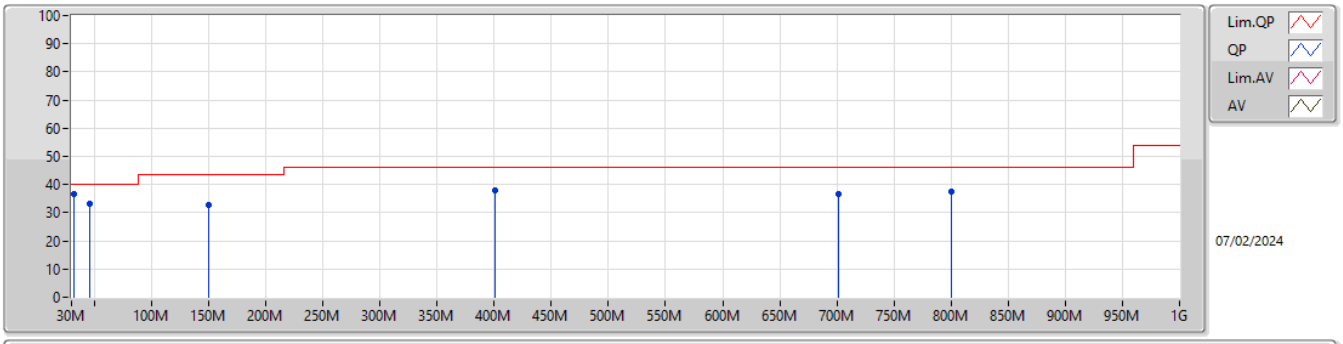
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	PK	31.94M	36.50	40.00	-3.50	3	Vertical	0	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	PK	31.94M	36.50	40.00	-3.50	3	Vertical	0	1.00
5775MHz	Pass	PK	45.52M	33.18	40.00	-6.82	3	Vertical	0	1.00
5775MHz	Pass	PK	150.28M	32.62	43.50	-10.88	3	Vertical	0	1.00
5775MHz	Pass	PK	400.54M	37.98	46.00	-8.02	3	Vertical	0	1.00
5775MHz	Pass	PK	701.24M	36.72	46.00	-9.28	3	Vertical	0	1.00
5775MHz	Pass	PK	800.18M	37.64	46.00	-8.36	3	Vertical	0	1.00
5775MHz	Pass	PK	150.28M	29.90	43.50	-13.60	3	Horizontal	360	1.00
5775MHz	Pass	PK	276.38M	30.60	46.00	-15.40	3	Horizontal	360	1.00
5775MHz	Pass	PK	400.54M	33.97	46.00	-12.03	3	Horizontal	360	1.00
5775MHz	Pass	PK	518.88M	28.63	46.00	-17.37	3	Horizontal	360	1.00
5775MHz	Pass	PK	600.36M	35.08	46.00	-10.92	3	Horizontal	360	1.00
5775MHz	Pass	PK	800.18M	38.58	46.00	-7.42	3	Horizontal	360	1.00

5.725-5.85GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

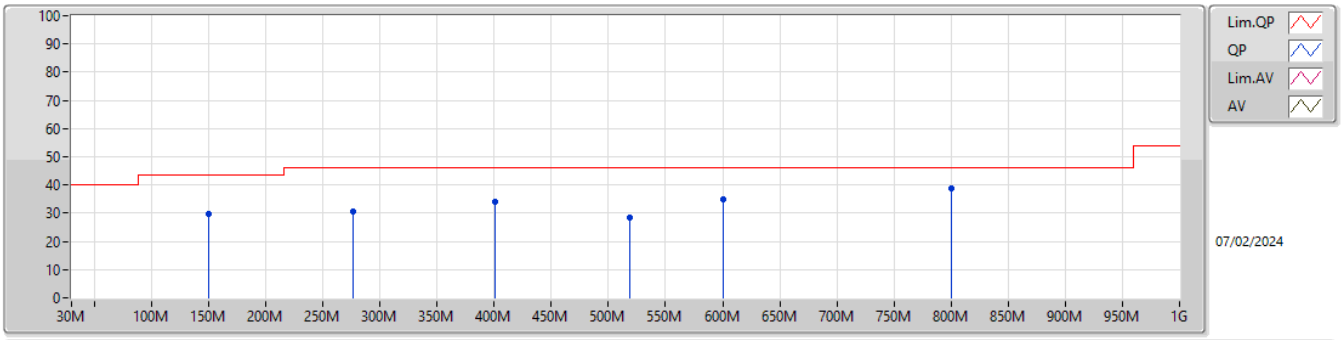
5775MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	31.94M	36.50	40.00	-3.50	-19.29	3	Vertical	0	1.00	55.79	24.52	0.42	44.23
PK	45.52M	33.18	40.00	-6.82	-26.57	3	Vertical	0	1.00	59.75	17.34	0.43	44.34
PK	150.28M	32.62	43.50	-10.88	-26.36	3	Vertical	0	1.00	58.98	17.17	0.80	44.33
PK	400.54M	37.98	46.00	-8.02	-20.37	3	Vertical	0	1.00	58.35	22.22	1.34	43.93
PK	701.24M	36.72	46.00	-9.28	-14.80	3	Vertical	0	1.00	51.52	26.92	1.82	43.54
PK	800.18M	37.64	46.00	-8.36	-13.49	3	Vertical	0	1.00	51.13	28.00	1.93	43.42

5.725-5.85GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

5775MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	150.28M	29.90	43.50	-13.60	-26.36	3	Horizontal	360	1.00	56.26	17.17	0.80	44.33
PK	276.38M	30.60	46.00	-15.40	-24.04	3	Horizontal	360	1.00	54.64	18.97	1.13	44.14
PK	400.54M	33.97	46.00	-12.03	-20.37	3	Horizontal	360	1.00	54.34	22.22	1.34	43.93
PK	518.88M	28.63	46.00	-17.37	-17.94	3	Horizontal	360	1.00	46.57	24.30	1.55	43.79
PK	600.36M	35.08	46.00	-10.92	-15.85	3	Horizontal	360	1.00	50.93	26.19	1.64	43.68
PK	800.18M	38.58	46.00	-7.42	-13.49	3	Horizontal	360	1.00	52.07	28.00	1.93	43.42

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	Pass	PK	5.1496G	73.77	74.00	-0.23	3	Horizontal	297	1.01
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	PK	5.1486G	71.24	74.00	-2.76	3	Horizontal	300	1.00
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	AV	5.15G	51.87	54.00	-2.13	3	Horizontal	300	1.00
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	AV	5.15G	51.75	54.00	-2.25	3	Horizontal	299	1.06
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	PK	5.3522G	71.82	74.00	-2.18	3	Horizontal	297	1.00
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	PK	5.3502G	71.82	74.00	-2.18	3	Horizontal	298	1.00
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	AV	5.35G	51.94	54.00	-2.06	3	Horizontal	298	1.03
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	AV	5.35G	51.74	54.00	-2.26	3	Horizontal	299	1.00
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	PK	5.4686G	67.60	68.20	-0.60	3	Horizontal	296	1.07
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	PK	5.7264G	67.69	68.20	-0.51	3	Horizontal	296	1.10
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	PK	5.4692G	67.76	68.20	-0.44	3	Horizontal	300	1.00
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	PK	5.725G	66.09	68.20	-2.11	3	Horizontal	294	1.04
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	11.48992G	44.76	54.00	-9.24	3	Vertical	62	1.08
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	AV	11.57012G	44.79	54.00	-9.21	3	Vertical	245	1.16
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	AV	11.50984G	42.12	54.00	-11.88	3	Vertical	62	1.15
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	PK	5.649G	65.82	68.20	-2.38	3	Horizontal	293	1.00

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	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1498G	45.09	54.00	-8.91	3	Vertical	133	2.85
5180MHz	Pass	AV	5.182G	96.43	Inf	-Inf	3	Vertical	133	2.85
5180MHz	Pass	PK	5.1486G	66.53	74.00	-7.47	3	Vertical	133	2.85
5180MHz	Pass	PK	5.183G	106.43	Inf	-Inf	3	Vertical	133	2.85
5180MHz	Pass	AV	5.15G	51.32	54.00	-2.68	3	Horizontal	297	1.01
5180MHz	Pass	AV	5.182G	103.04	Inf	-Inf	3	Horizontal	297	1.01
5180MHz	Pass	PK	5.1496G	73.77	74.00	-0.23	3	Horizontal	297	1.01
5180MHz	Pass	PK	5.1828G	113.48	Inf	-Inf	3	Horizontal	297	1.01
5180MHz	Pass	PK	10.3578G	55.71	68.20	-12.49	3	Vertical	121	1.50
5180MHz	Pass	PK	10.3598G	52.38	68.20	-15.82	3	Horizontal	51	1.10
5200MHz	Pass	AV	5.15G	42.10	54.00	-11.90	3	Vertical	214	1.03
5200MHz	Pass	AV	5.202G	94.66	Inf	-Inf	3	Vertical	214	1.03
5200MHz	Pass	PK	5.1476G	59.86	74.00	-14.14	3	Vertical	214	1.03
5200MHz	Pass	PK	5.1984G	104.70	Inf	-Inf	3	Vertical	214	1.03
5200MHz	Pass	AV	5.1496G	49.16	54.00	-4.84	3	Horizontal	297	1.00
5200MHz	Pass	AV	5.202G	105.33	Inf	-Inf	3	Horizontal	297	1.00
5200MHz	Pass	PK	5.1496G	73.67	74.00	-0.33	3	Horizontal	297	1.00
5200MHz	Pass	PK	5.2004G	115.74	Inf	-Inf	3	Horizontal	297	1.00
5200MHz	Pass	PK	10.3993G	57.31	68.20	-10.89	3	Vertical	122	1.34
5200MHz	Pass	PK	10.3996G	53.32	68.20	-14.88	3	Horizontal	51	1.16
5240MHz	Pass	AV	5.1338G	39.94	54.00	-14.06	3	Vertical	141	3.00
5240MHz	Pass	AV	5.2418G	99.37	Inf	-Inf	3	Vertical	141	3.00
5240MHz	Pass	AV	5.3576G	40.17	54.00	-13.83	3	Vertical	141	3.00
5240MHz	Pass	PK	5.123G	54.00	74.00	-20.00	3	Vertical	141	3.00
5240MHz	Pass	PK	5.2418G	110.15	Inf	-Inf	3	Vertical	141	3.00
5240MHz	Pass	PK	5.3546G	54.34	74.00	-19.66	3	Vertical	141	3.00
5240MHz	Pass	AV	5.1494G	40.83	54.00	-13.17	3	Horizontal	301	1.00
5240MHz	Pass	AV	5.2418G	104.56	Inf	-Inf	3	Horizontal	301	1.00
5240MHz	Pass	AV	5.35G	40.43	54.00	-13.57	3	Horizontal	301	1.00
5240MHz	Pass	PK	5.1494G	54.57	74.00	-19.43	3	Horizontal	301	1.00
5240MHz	Pass	PK	5.2424G	115.03	Inf	-Inf	3	Horizontal	301	1.00
5240MHz	Pass	PK	5.36G	54.57	74.00	-19.43	3	Horizontal	301	1.00
5240MHz	Pass	PK	10.47272G	57.05	68.20	-11.15	3	Vertical	122	1.38
5240MHz	Pass	PK	10.477G	53.89	68.20	-14.31	3	Horizontal	55	1.00
5260MHz	Pass	AV	5.1328G	39.87	54.00	-14.13	3	Vertical	141	2.97
5260MHz	Pass	AV	5.2624G	99.24	Inf	-Inf	3	Vertical	141	2.97
5260MHz	Pass	AV	5.3512G	40.06	54.00	-13.94	3	Vertical	141	2.97
5260MHz	Pass	PK	5.1406G	54.02	74.00	-19.98	3	Vertical	141	2.97
5260MHz	Pass	PK	5.2618G	109.67	Inf	-Inf	3	Vertical	141	2.97
5260MHz	Pass	PK	5.3692G	53.75	74.00	-20.25	3	Vertical	141	2.97
5260MHz	Pass	AV	5.1394G	40.08	54.00	-13.92	3	Horizontal	300	1.00
5260MHz	Pass	AV	5.2618G	105.07	Inf	-Inf	3	Horizontal	300	1.00
5260MHz	Pass	AV	5.35G	40.82	54.00	-13.18	3	Horizontal	300	1.00
5260MHz	Pass	PK	5.1424G	53.84	74.00	-20.16	3	Horizontal	300	1.00
5260MHz	Pass	PK	5.2582G	115.30	Inf	-Inf	3	Horizontal	300	1.00
5260MHz	Pass	PK	5.3506G	54.94	74.00	-19.06	3	Horizontal	300	1.00
5260MHz	Pass	PK	10.51804G	57.01	68.20	-11.19	3	Vertical	120	1.39
5260MHz	Pass	PK	10.51816G	54.35	68.20	-13.85	3	Horizontal	99	1.00
5300MHz	Pass	AV	5.302G	96.64	Inf	-Inf	3	Vertical	142	2.62
5300MHz	Pass	AV	5.3504G	41.64	54.00	-12.36	3	Vertical	142	2.62
5300MHz	Pass	PK	5.3024G	107.68	Inf	-Inf	3	Vertical	142	2.62
5300MHz	Pass	PK	5.35G	59.11	74.00	-14.89	3	Vertical	142	2.62
5300MHz	Pass	AV	5.302G	104.61	Inf	-Inf	3	Horizontal	298	1.00
5300MHz	Pass	AV	5.35G	47.04	54.00	-6.96	3	Horizontal	298	1.00
5300MHz	Pass	PK	5.302G	115.39	Inf	-Inf	3	Horizontal	298	1.00
5300MHz	Pass	PK	5.3504G	67.43	74.00	-6.57	3	Horizontal	298	1.00
5300MHz	Pass	AV	10.60032G	44.31	54.00	-9.69	3	Vertical	120	1.25
5300MHz	Pass	PK	10.60172G	56.51	74.00	-17.49	3	Vertical	120	1.25
5300MHz	Pass	AV	10.6004G	41.00	54.00	-13.00	3	Horizontal	56	1.05
5300MHz	Pass	PK	10.6006G	53.85	74.00	-20.15	3	Horizontal	56	1.05

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5320MHz	Pass	AV	5.3218G	94.92	Inf	-Inf	3	Vertical	154	2.44
5320MHz	Pass	AV	5.3502G	43.34	54.00	-10.66	3	Vertical	154	2.44
5320MHz	Pass	PK	5.3212G	105.59	Inf	-Inf	3	Vertical	154	2.44
5320MHz	Pass	PK	5.35G	61.22	74.00	-12.78	3	Vertical	154	2.44
5320MHz	Pass	AV	5.322G	102.51	Inf	-Inf	3	Horizontal	297	1.00
5320MHz	Pass	AV	5.35G	51.07	54.00	-2.93	3	Horizontal	297	1.00
5320MHz	Pass	PK	5.3222G	113.38	Inf	-Inf	3	Horizontal	297	1.00
5320MHz	Pass	PK	5.3522G	71.82	74.00	-2.18	3	Horizontal	297	1.00
5320MHz	Pass	AV	10.64G	47.37	54.00	-6.63	3	Vertical	88	1.00
5320MHz	Pass	PK	10.63624G	60.19	74.00	-13.81	3	Vertical	88	1.00
5320MHz	Pass	AV	10.63972G	40.76	54.00	-13.24	3	Horizontal	53	1.11
5320MHz	Pass	PK	10.63804G	53.31	74.00	-20.69	3	Horizontal	53	1.11
5500MHz	Pass	AV	5.46G	41.09	54.00	-12.91	3	Vertical	133	3.00
5500MHz	Pass	AV	5.502G	95.13	Inf	-Inf	3	Vertical	133	3.00
5500MHz	Pass	PK	5.4588G	55.53	74.00	-18.47	3	Vertical	133	3.00
5500MHz	Pass	PK	5.4696G	60.67	68.20	-7.53	3	Vertical	133	3.00
5500MHz	Pass	PK	5.5016G	106.03	Inf	-Inf	3	Vertical	133	3.00
5500MHz	Pass	AV	5.4588G	44.43	54.00	-9.57	3	Horizontal	296	1.07
5500MHz	Pass	AV	5.502G	101.72	Inf	-Inf	3	Horizontal	296	1.07
5500MHz	Pass	PK	5.4596G	58.38	74.00	-15.62	3	Horizontal	296	1.07
5500MHz	Pass	PK	5.4686G	67.60	68.20	-0.60	3	Horizontal	296	1.07
5500MHz	Pass	PK	5.5026G	112.11	Inf	-Inf	3	Horizontal	296	1.07
5500MHz	Pass	AV	11G	44.89	54.00	-9.11	3	Vertical	108	1.06
5500MHz	Pass	PK	10.9958G	59.22	74.00	-14.78	3	Vertical	108	1.06
5500MHz	Pass	AV	10.9997G	40.88	54.00	-13.12	3	Horizontal	48	2.17
5500MHz	Pass	PK	10.9961G	53.54	74.00	-20.46	3	Horizontal	48	2.17
5580MHz	Pass	AV	5.436G	39.77	54.00	-14.23	3	Vertical	34	2.64
5580MHz	Pass	AV	5.5824G	94.29	Inf	-Inf	3	Vertical	34	2.64
5580MHz	Pass	PK	5.4456G	54.03	74.00	-19.97	3	Vertical	34	2.64
5580MHz	Pass	PK	5.4672G	52.89	68.20	-15.31	3	Vertical	34	2.64
5580MHz	Pass	PK	5.5788G	104.85	Inf	-Inf	3	Vertical	34	2.64
5580MHz	Pass	PK	5.727G	53.83	68.20	-14.37	3	Vertical	34	2.64
5580MHz	Pass	AV	5.4486G	40.03	54.00	-13.97	3	Horizontal	295	1.00
5580MHz	Pass	AV	5.5824G	103.71	Inf	-Inf	3	Horizontal	295	1.00
5580MHz	Pass	PK	5.4402G	54.75	74.00	-19.25	3	Horizontal	295	1.00
5580MHz	Pass	PK	5.4612G	54.79	68.20	-13.41	3	Horizontal	295	1.00
5580MHz	Pass	PK	5.5818G	114.65	Inf	-Inf	3	Horizontal	295	1.00
5580MHz	Pass	PK	5.727G	53.91	68.20	-14.29	3	Horizontal	295	1.00
5580MHz	Pass	AV	11.15956G	45.00	54.00	-9.00	3	Vertical	226	1.08
5580MHz	Pass	PK	11.15796G	57.10	74.00	-16.90	3	Vertical	226	1.08
5580MHz	Pass	AV	11.16004G	42.88	54.00	-11.12	3	Horizontal	48	2.26
5580MHz	Pass	PK	11.16108G	56.36	74.00	-17.64	3	Horizontal	48	2.26
5700MHz	Pass	AV	5.7024G	94.44	Inf	-Inf	3	Vertical	131	2.65
5700MHz	Pass	PK	5.7008G	104.54	Inf	-Inf	3	Vertical	131	2.65
5700MHz	Pass	PK	5.7272G	59.00	68.20	-9.20	3	Vertical	131	2.65
5700MHz	Pass	AV	5.7016G	100.86	Inf	-Inf	3	Horizontal	274	1.00
5700MHz	Pass	PK	5.702G	111.32	Inf	-Inf	3	Horizontal	274	1.00
5700MHz	Pass	PK	5.7252G	66.72	68.20	-1.48	3	Horizontal	274	1.00
5700MHz	Pass	AV	11.4001G	43.36	54.00	-10.64	3	Vertical	53	1.06
5700MHz	Pass	PK	11.4028G	56.02	74.00	-17.98	3	Vertical	53	1.06
5700MHz	Pass	AV	11.3998G	40.73	54.00	-13.27	3	Horizontal	179	1.00
5700MHz	Pass	PK	11.4004G	53.77	74.00	-20.23	3	Horizontal	179	1.00
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4212G	39.87	54.00	-14.13	3	Vertical	135	2.86
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7224G	94.51	Inf	-Inf	3	Vertical	135	2.86
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4404G	53.50	74.00	-20.50	3	Vertical	135	2.86
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.468G	53.16	68.20	-15.04	3	Vertical	135	2.86
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7224G	104.41	Inf	-Inf	3	Vertical	135	2.86
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9732G	56.45	68.20	-11.75	3	Vertical	135	2.86
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4512G	40.13	54.00	-13.87	3	Horizontal	265	1.04
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7224G	101.89	Inf	-Inf	3	Horizontal	265	1.04
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4284G	52.73	74.00	-21.27	3	Horizontal	265	1.04
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.468G	53.26	68.20	-14.94	3	Horizontal	265	1.04

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7212G	112.44	Inf	-Inf	3	Horizontal	265	1.04
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.936G	55.69	68.20	-12.51	3	Horizontal	265	1.04
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43968G	40.90	54.00	-13.10	3	Vertical	0	2.14
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.4448G	53.54	74.00	-20.46	3	Vertical	0	2.14
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44G	41.00	54.00	-13.00	3	Horizontal	194	2.27
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44144G	53.75	74.00	-20.25	3	Horizontal	194	2.27
5745MHz	Pass	AV	5.4594G	39.90	54.00	-14.10	3	Vertical	139	2.90
5745MHz	Pass	AV	5.7474G	96.53	Inf	-Inf	3	Vertical	139	2.90
5745MHz	Pass	PK	5.475G	53.83	68.20	-14.37	3	Vertical	139	2.90
5745MHz	Pass	PK	5.745G	107.09	Inf	-Inf	3	Vertical	139	2.90
5745MHz	Pass	PK	6.0042G	55.19	68.20	-13.01	3	Vertical	139	2.90
5745MHz	Pass	AV	5.4582G	40.31	54.00	-13.69	3	Horizontal	296	1.02
5745MHz	Pass	AV	5.7474G	103.50	Inf	-Inf	3	Horizontal	296	1.02
5745MHz	Pass	PK	5.5194G	54.48	68.20	-13.72	3	Horizontal	296	1.02
5745MHz	Pass	PK	5.7474G	113.78	Inf	-Inf	3	Horizontal	296	1.02
5745MHz	Pass	PK	5.949G	55.26	68.20	-12.94	3	Horizontal	296	1.02
5745MHz	Pass	AV	11.48992G	44.76	54.00	-9.24	3	Vertical	62	1.08
5745MHz	Pass	PK	11.48868G	58.34	74.00	-15.66	3	Vertical	62	1.08
5745MHz	Pass	AV	11.49044G	42.03	54.00	-11.97	3	Horizontal	222	1.00
5745MHz	Pass	PK	11.4912G	56.01	74.00	-17.99	3	Horizontal	222	1.00
5785MHz	Pass	AV	5.7874G	98.06	Inf	-Inf	3	Vertical	136	3.00
5785MHz	Pass	PK	5.509G	54.63	68.20	-13.57	3	Vertical	136	3.00
5785MHz	Pass	PK	5.7862G	109.26	Inf	-Inf	3	Vertical	136	3.00
5785MHz	Pass	PK	5.9722G	55.22	68.20	-12.98	3	Vertical	136	3.00
5785MHz	Pass	AV	5.7874G	103.40	Inf	-Inf	3	Horizontal	288	1.07
5785MHz	Pass	PK	5.5786G	54.70	68.20	-13.50	3	Horizontal	288	1.07
5785MHz	Pass	PK	5.7886G	113.78	Inf	-Inf	3	Horizontal	288	1.07
5785MHz	Pass	PK	6.0646G	55.67	68.20	-12.53	3	Horizontal	288	1.07
5785MHz	Pass	AV	11.56956G	43.59	54.00	-10.41	3	Vertical	57	2.15
5785MHz	Pass	PK	11.57008G	57.07	74.00	-16.93	3	Vertical	57	2.15
5785MHz	Pass	AV	11.57032G	42.75	54.00	-11.25	3	Horizontal	196	2.29
5785MHz	Pass	PK	11.56788G	57.28	74.00	-16.72	3	Horizontal	196	2.29
5825MHz	Pass	AV	5.8274G	96.56	Inf	-Inf	3	Vertical	137	3.00
5825MHz	Pass	PK	5.6486G	54.16	68.20	-14.04	3	Vertical	137	3.00
5825MHz	Pass	PK	5.8274G	107.53	Inf	-Inf	3	Vertical	137	3.00
5825MHz	Pass	PK	5.993G	54.98	68.20	-13.22	3	Vertical	137	3.00
5825MHz	Pass	AV	5.8274G	102.44	Inf	-Inf	3	Horizontal	296	1.00
5825MHz	Pass	PK	5.639G	55.15	68.20	-13.05	3	Horizontal	296	1.00
5825MHz	Pass	PK	5.8214G	112.95	Inf	-Inf	3	Horizontal	296	1.00
5825MHz	Pass	PK	6.125G	55.75	68.20	-12.45	3	Horizontal	296	1.00
5825MHz	Pass	AV	11.64992G	44.30	54.00	-9.70	3	Vertical	247	1.01
5825MHz	Pass	PK	11.65468G	58.76	74.00	-15.24	3	Vertical	247	1.01
5825MHz	Pass	AV	11.65228G	42.24	54.00	-11.76	3	Horizontal	195	2.36
5825MHz	Pass	PK	11.6508G	55.98	74.00	-18.02	3	Horizontal	195	2.36
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1498G	43.85	54.00	-10.15	3	Vertical	139	2.93
5180MHz	Pass	AV	5.1814G	94.94	Inf	-Inf	3	Vertical	139	2.93
5180MHz	Pass	PK	5.1496G	68.55	74.00	-5.45	3	Vertical	139	2.93
5180MHz	Pass	PK	5.1778G	106.37	Inf	-Inf	3	Vertical	139	2.93
5180MHz	Pass	AV	5.1498G	48.76	54.00	-5.24	3	Horizontal	300	1.00
5180MHz	Pass	AV	5.1816G	101.42	Inf	-Inf	3	Horizontal	300	1.00
5180MHz	Pass	PK	5.1486G	71.24	74.00	-2.76	3	Horizontal	300	1.00
5180MHz	Pass	PK	5.1818G	112.77	Inf	-Inf	3	Horizontal	300	1.00
5180MHz	Pass	PK	10.36032G	56.29	68.20	-11.91	3	Vertical	122	1.34
5180MHz	Pass	PK	10.36056G	53.07	68.20	-15.13	3	Horizontal	55	1.06
5200MHz	Pass	AV	5.15G	41.73	54.00	-12.27	3	Vertical	211	2.93
5200MHz	Pass	AV	5.2024G	95.80	Inf	-Inf	3	Vertical	211	2.93
5200MHz	Pass	PK	5.1496G	61.14	74.00	-12.86	3	Vertical	211	2.93
5200MHz	Pass	PK	5.2016G	106.63	Inf	-Inf	3	Vertical	211	2.93
5200MHz	Pass	AV	5.15G	48.80	54.00	-5.20	3	Horizontal	301	1.14
5200MHz	Pass	AV	5.202G	104.63	Inf	-Inf	3	Horizontal	301	1.14
5200MHz	Pass	PK	5.1496G	70.18	74.00	-3.82	3	Horizontal	301	1.14

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5200MHz	Pass	PK	5.2024G	115.72	Inf	-Inf	3	Horizontal	301	1.14
5200MHz	Pass	PK	10.39668G	56.83	68.20	-11.37	3	Vertical	122	1.37
5200MHz	Pass	PK	10.39828G	53.62	68.20	-14.58	3	Horizontal	55	1.11
5240MHz	Pass	AV	5.132G	39.94	54.00	-14.06	3	Vertical	140	2.84
5240MHz	Pass	AV	5.2382G	98.74	Inf	-Inf	3	Vertical	140	2.84
5240MHz	Pass	AV	5.3552G	40.08	54.00	-13.92	3	Vertical	140	2.84
5240MHz	Pass	PK	5.1392G	53.88	74.00	-20.12	3	Vertical	140	2.84
5240MHz	Pass	PK	5.2376G	109.84	Inf	-Inf	3	Vertical	140	2.84
5240MHz	Pass	PK	5.351G	54.16	74.00	-19.84	3	Vertical	140	2.84
5240MHz	Pass	AV	5.15G	40.90	54.00	-13.10	3	Horizontal	300	1.00
5240MHz	Pass	AV	5.2382G	104.48	Inf	-Inf	3	Horizontal	300	1.00
5240MHz	Pass	AV	5.351G	40.28	54.00	-13.72	3	Horizontal	300	1.00
5240MHz	Pass	PK	5.15G	55.74	74.00	-18.26	3	Horizontal	300	1.00
5240MHz	Pass	PK	5.237G	115.53	Inf	-Inf	3	Horizontal	300	1.00
5240MHz	Pass	PK	5.3582G	54.86	74.00	-19.14	3	Horizontal	300	1.00
5240MHz	Pass	PK	10.47944G	57.29	68.20	-10.91	3	Vertical	122	1.45
5240MHz	Pass	PK	10.48228G	53.76	68.20	-14.44	3	Horizontal	55	1.00
5260MHz	Pass	AV	5.1358G	39.77	54.00	-14.23	3	Vertical	141	2.98
5260MHz	Pass	AV	5.2588G	98.92	Inf	-Inf	3	Vertical	141	2.98
5260MHz	Pass	AV	5.35G	40.04	54.00	-13.96	3	Vertical	141	2.98
5260MHz	Pass	PK	5.1118G	53.65	74.00	-20.35	3	Vertical	141	2.98
5260MHz	Pass	PK	5.257G	109.24	Inf	-Inf	3	Vertical	141	2.98
5260MHz	Pass	PK	5.3788G	53.54	74.00	-20.46	3	Vertical	141	2.98
5260MHz	Pass	AV	5.1382G	40.10	54.00	-13.90	3	Horizontal	301	1.00
5260MHz	Pass	AV	5.2612G	104.67	Inf	-Inf	3	Horizontal	301	1.00
5260MHz	Pass	AV	5.3506G	40.72	54.00	-13.28	3	Horizontal	301	1.00
5260MHz	Pass	PK	5.1184G	53.88	74.00	-20.12	3	Horizontal	301	1.00
5260MHz	Pass	PK	5.2576G	115.32	Inf	-Inf	3	Horizontal	301	1.00
5260MHz	Pass	PK	5.353G	54.19	74.00	-19.81	3	Horizontal	301	1.00
5260MHz	Pass	PK	10.5182G	57.30	68.20	-10.90	3	Vertical	122	1.39
5260MHz	Pass	PK	10.51892G	53.39	68.20	-14.81	3	Horizontal	55	1.10
5300MHz	Pass	AV	5.302G	97.60	Inf	-Inf	3	Vertical	142	2.79
5300MHz	Pass	AV	5.35G	42.15	54.00	-11.85	3	Vertical	142	2.79
5300MHz	Pass	PK	5.2984G	108.54	Inf	-Inf	3	Vertical	142	2.79
5300MHz	Pass	PK	5.3512G	60.58	74.00	-13.42	3	Vertical	142	2.79
5300MHz	Pass	AV	5.3012G	104.29	Inf	-Inf	3	Horizontal	298	1.06
5300MHz	Pass	AV	5.35G	46.10	54.00	-7.90	3	Horizontal	298	1.06
5300MHz	Pass	PK	5.2984G	115.09	Inf	-Inf	3	Horizontal	298	1.06
5300MHz	Pass	PK	5.3516G	67.97	74.00	-6.03	3	Horizontal	298	1.06
5300MHz	Pass	AV	10.60096G	43.63	54.00	-10.37	3	Vertical	122	1.46
5300MHz	Pass	PK	10.59436G	56.99	68.20	-11.21	3	Vertical	122	1.46
5300MHz	Pass	AV	10.60064G	41.65	54.00	-12.35	3	Horizontal	100	1.07
5300MHz	Pass	PK	10.59674G	55.09	68.20	-13.11	3	Horizontal	100	1.07
5320MHz	Pass	AV	5.3192G	94.30	Inf	-Inf	3	Vertical	142	2.92
5320MHz	Pass	AV	5.35G	42.94	54.00	-11.06	3	Vertical	142	2.92
5320MHz	Pass	PK	5.32G	105.80	Inf	-Inf	3	Vertical	142	2.92
5320MHz	Pass	PK	5.3502G	63.72	74.00	-10.28	3	Vertical	142	2.92
5320MHz	Pass	AV	5.318G	100.39	Inf	-Inf	3	Horizontal	298	1.00
5320MHz	Pass	AV	5.35G	48.38	54.00	-5.62	3	Horizontal	298	1.00
5320MHz	Pass	PK	5.3212G	112.37	Inf	-Inf	3	Horizontal	298	1.00
5320MHz	Pass	PK	5.3502G	71.82	74.00	-2.18	3	Horizontal	298	1.00
5320MHz	Pass	AV	10.64034G	45.58	54.00	-8.42	3	Vertical	88	1.00
5320MHz	Pass	PK	10.63984G	59.74	74.00	-14.26	3	Vertical	88	1.00
5320MHz	Pass	AV	10.64072G	39.71	54.00	-14.29	3	Horizontal	59	1.08
5320MHz	Pass	PK	10.6431G	53.44	74.00	-20.56	3	Horizontal	59	1.08
5500MHz	Pass	AV	5.4598G	41.32	54.00	-12.68	3	Vertical	132	3.00
5500MHz	Pass	AV	5.4976G	95.13	Inf	-Inf	3	Vertical	132	3.00
5500MHz	Pass	PK	5.4588G	56.39	74.00	-17.61	3	Vertical	132	3.00
5500MHz	Pass	PK	5.4696G	62.19	68.20	-6.01	3	Vertical	132	3.00
5500MHz	Pass	PK	5.4968G	106.15	Inf	-Inf	3	Vertical	132	3.00
5500MHz	Pass	AV	5.4586G	45.21	54.00	-8.79	3	Horizontal	299	1.04
5500MHz	Pass	AV	5.4988G	101.61	Inf	-Inf	3	Horizontal	299	1.04

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5500MHz	Pass	PK	5.4596G	59.09	74.00	-14.91	3	Horizontal	299	1.04
5500MHz	Pass	PK	5.469G	67.11	68.20	-1.09	3	Horizontal	299	1.04
5500MHz	Pass	PK	5.498G	112.58	Inf	-Inf	3	Horizontal	299	1.04
5500MHz	Pass	AV	10.9977G	44.34	54.00	-9.66	3	Vertical	104	1.09
5500MHz	Pass	PK	10.9994G	57.53	74.00	-16.47	3	Vertical	104	1.09
5500MHz	Pass	AV	10.9985G	41.84	54.00	-12.16	3	Horizontal	178	1.00
5500MHz	Pass	PK	11.0006G	55.27	74.00	-18.73	3	Horizontal	178	1.00
5580MHz	Pass	AV	5.4306G	39.79	54.00	-14.21	3	Vertical	29	2.92
5580MHz	Pass	AV	5.5818G	95.15	Inf	-Inf	3	Vertical	29	2.92
5580MHz	Pass	PK	5.4408G	53.90	74.00	-20.10	3	Vertical	29	2.92
5580MHz	Pass	PK	5.4684G	53.46	68.20	-14.74	3	Vertical	29	2.92
5580MHz	Pass	PK	5.5824G	105.99	Inf	-Inf	3	Vertical	29	2.92
5580MHz	Pass	PK	5.7264G	53.38	68.20	-14.82	3	Vertical	29	2.92
5580MHz	Pass	AV	5.4582G	40.01	54.00	-13.99	3	Horizontal	294	1.00
5580MHz	Pass	AV	5.5818G	103.14	Inf	-Inf	3	Horizontal	294	1.00
5580MHz	Pass	PK	5.439G	54.55	74.00	-19.45	3	Horizontal	294	1.00
5580MHz	Pass	PK	5.4624G	53.54	68.20	-14.66	3	Horizontal	294	1.00
5580MHz	Pass	PK	5.5818G	114.51	Inf	-Inf	3	Horizontal	294	1.00
5580MHz	Pass	PK	5.73G	55.17	68.20	-13.03	3	Horizontal	294	1.00
5580MHz	Pass	AV	11.15848G	42.01	54.00	-11.99	3	Vertical	126	1.50
5580MHz	Pass	PK	11.1596G	55.26	74.00	-18.74	3	Vertical	126	1.50
5580MHz	Pass	AV	11.1582G	42.39	54.00	-11.61	3	Horizontal	49	2.29
5580MHz	Pass	PK	11.15944G	55.85	74.00	-18.15	3	Horizontal	49	2.29
5700MHz	Pass	AV	5.702G	93.74	Inf	-Inf	3	Vertical	130	2.96
5700MHz	Pass	PK	5.7016G	104.17	Inf	-Inf	3	Vertical	130	2.96
5700MHz	Pass	PK	5.726G	60.52	68.20	-7.68	3	Vertical	130	2.96
5700MHz	Pass	AV	5.7016G	101.04	Inf	-Inf	3	Horizontal	296	1.10
5700MHz	Pass	PK	5.6992G	111.51	Inf	-Inf	3	Horizontal	296	1.10
5700MHz	Pass	PK	5.7264G	67.69	68.20	-0.51	3	Horizontal	296	1.10
5700MHz	Pass	AV	11.4G	43.02	54.00	-10.98	3	Vertical	118	1.05
5700MHz	Pass	PK	11.4004G	56.58	74.00	-17.42	3	Vertical	118	1.05
5700MHz	Pass	AV	11.401G	38.44	54.00	-15.56	3	Horizontal	42	1.28
5700MHz	Pass	PK	11.3981G	51.40	74.00	-22.60	3	Horizontal	42	1.28
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4344G	39.84	54.00	-14.16	3	Vertical	142	2.64
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7224G	93.07	Inf	-Inf	3	Vertical	142	2.64
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4452G	52.90	74.00	-21.10	3	Vertical	142	2.64
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4608G	52.67	68.20	-15.53	3	Vertical	142	2.64
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7212G	102.81	Inf	-Inf	3	Vertical	142	2.64
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9324G	55.08	68.20	-13.12	3	Vertical	142	2.64
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4308G	40.05	54.00	-13.95	3	Horizontal	279	1.03
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7212G	101.28	Inf	-Inf	3	Horizontal	279	1.03
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4332G	53.14	74.00	-20.86	3	Horizontal	279	1.03
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4692G	52.58	68.20	-15.62	3	Horizontal	279	1.03
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7212G	111.44	Inf	-Inf	3	Horizontal	279	1.03
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9888G	54.78	68.20	-13.42	3	Horizontal	279	1.03
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44G	42.32	54.00	-11.68	3	Vertical	94	1.00
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44064G	54.62	74.00	-19.38	3	Vertical	94	1.00
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44128G	41.28	54.00	-12.72	3	Horizontal	193	2.27
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44528G	53.64	74.00	-20.36	3	Horizontal	193	2.27
5745MHz	Pass	AV	5.4534G	39.91	54.00	-14.09	3	Vertical	139	2.90
5745MHz	Pass	AV	5.7474G	96.35	Inf	-Inf	3	Vertical	139	2.90
5745MHz	Pass	PK	5.6346G	53.75	68.20	-14.45	3	Vertical	139	2.90
5745MHz	Pass	PK	5.7474G	107.24	Inf	-Inf	3	Vertical	139	2.90
5745MHz	Pass	PK	5.9502G	56.12	68.20	-12.08	3	Vertical	139	2.90
5745MHz	Pass	AV	5.4594G	40.50	54.00	-13.50	3	Horizontal	296	1.00
5745MHz	Pass	AV	5.7474G	103.41	Inf	-Inf	3	Horizontal	296	1.00
5745MHz	Pass	PK	5.4666G	54.14	68.20	-14.06	3	Horizontal	296	1.00
5745MHz	Pass	PK	5.7438G	114.09	Inf	-Inf	3	Horizontal	296	1.00
5745MHz	Pass	PK	6.0246G	55.80	68.20	-12.40	3	Horizontal	296	1.00
5745MHz	Pass	AV	11.49092G	43.50	54.00	-10.50	3	Vertical	63	1.09
5745MHz	Pass	PK	11.48872G	57.98	74.00	-16.02	3	Vertical	63	1.09
5745MHz	Pass	AV	11.49104G	42.16	54.00	-11.84	3	Horizontal	213	2.30

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5745MHz	Pass	PK	11.48512G	56.79	74.00	-17.21	3	Horizontal	213	2.30
5785MHz	Pass	AV	5.7862G	97.22	Inf	-Inf	3	Vertical	138	3.00
5785MHz	Pass	PK	5.5858G	54.04	68.20	-14.16	3	Vertical	138	3.00
5785MHz	Pass	PK	5.785G	108.08	Inf	-Inf	3	Vertical	138	3.00
5785MHz	Pass	PK	6.0394G	56.66	68.20	-11.54	3	Vertical	138	3.00
5785MHz	Pass	AV	5.7862G	102.76	Inf	-Inf	3	Horizontal	290	1.03
5785MHz	Pass	PK	5.5114G	54.75	68.20	-13.45	3	Horizontal	290	1.03
5785MHz	Pass	PK	5.7838G	112.82	Inf	-Inf	3	Horizontal	290	1.03
5785MHz	Pass	PK	5.9902G	55.64	68.20	-12.56	3	Horizontal	290	1.03
5785MHz	Pass	AV	11.57012G	44.79	54.00	-9.21	3	Vertical	245	1.16
5785MHz	Pass	PK	11.5712G	58.73	74.00	-15.27	3	Vertical	245	1.16
5785MHz	Pass	AV	11.57104G	42.34	54.00	-11.66	3	Horizontal	195	2.43
5785MHz	Pass	PK	11.56692G	56.51	74.00	-17.49	3	Horizontal	195	2.43
5825MHz	Pass	AV	5.8238G	96.36	Inf	-Inf	3	Vertical	138	3.00
5825MHz	Pass	PK	5.6222G	54.04	68.20	-14.16	3	Vertical	138	3.00
5825MHz	Pass	PK	5.8262G	107.33	Inf	-Inf	3	Vertical	138	3.00
5825MHz	Pass	PK	5.9666G	55.84	68.20	-12.36	3	Vertical	138	3.00
5825MHz	Pass	AV	5.8262G	102.43	Inf	-Inf	3	Horizontal	296	1.02
5825MHz	Pass	PK	5.603G	54.49	68.20	-13.71	3	Horizontal	296	1.02
5825MHz	Pass	PK	5.8226G	113.59	Inf	-Inf	3	Horizontal	296	1.02
5825MHz	Pass	PK	5.9582G	56.06	68.20	-12.14	3	Horizontal	296	1.02
5825MHz	Pass	AV	11.65236G	44.54	54.00	-9.46	3	Vertical	245	1.01
5825MHz	Pass	PK	11.6534G	58.22	74.00	-15.78	3	Vertical	245	1.01
5825MHz	Pass	AV	11.65184G	42.12	54.00	-11.88	3	Horizontal	193	2.28
5825MHz	Pass	PK	11.6552G	54.72	74.00	-19.28	3	Horizontal	193	2.28
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.15G	44.66	54.00	-9.34	3	Vertical	138	2.72
5190MHz	Pass	AV	5.1884G	88.85	Inf	-Inf	3	Vertical	138	2.72
5190MHz	Pass	PK	5.1484G	60.57	74.00	-13.43	3	Vertical	138	2.72
5190MHz	Pass	PK	5.186G	99.36	Inf	-Inf	3	Vertical	138	2.72
5190MHz	Pass	AV	5.15G	51.87	54.00	-2.13	3	Horizontal	300	1.00
5190MHz	Pass	AV	5.1884G	96.06	Inf	-Inf	3	Horizontal	300	1.00
5190MHz	Pass	PK	5.1488G	68.22	74.00	-5.78	3	Horizontal	300	1.00
5190MHz	Pass	PK	5.1828G	106.93	Inf	-Inf	3	Horizontal	300	1.00
5190MHz	Pass	PK	10.37828G	52.61	68.20	-15.59	3	Vertical	121	1.30
5190MHz	Pass	PK	10.38556G	50.65	68.20	-17.55	3	Horizontal	57	1.40
5230MHz	Pass	AV	5.15G	44.06	54.00	-9.94	3	Vertical	140	2.84
5230MHz	Pass	AV	5.2324G	96.35	Inf	-Inf	3	Vertical	140	2.84
5230MHz	Pass	PK	5.1444G	58.69	74.00	-15.31	3	Vertical	140	2.84
5230MHz	Pass	PK	5.232G	106.87	Inf	-Inf	3	Vertical	140	2.84
5230MHz	Pass	AV	5.1496G	50.34	54.00	-3.66	3	Horizontal	301	1.00
5230MHz	Pass	AV	5.2268G	101.97	Inf	-Inf	3	Horizontal	301	1.00
5230MHz	Pass	PK	5.146G	68.79	74.00	-5.21	3	Horizontal	301	1.00
5230MHz	Pass	PK	5.2344G	112.62	Inf	-Inf	3	Horizontal	301	1.00
5230MHz	Pass	PK	10.46168G	54.75	68.20	-13.45	3	Vertical	121	1.37
5230MHz	Pass	PK	10.46136G	53.63	68.20	-14.57	3	Horizontal	55	1.06
5270MHz	Pass	AV	5.2732G	95.62	Inf	-Inf	3	Vertical	141	2.99
5270MHz	Pass	AV	5.35G	45.82	54.00	-8.18	3	Vertical	141	2.99
5270MHz	Pass	PK	5.2768G	106.68	Inf	-Inf	3	Vertical	141	2.99
5270MHz	Pass	PK	5.3508G	64.75	74.00	-9.25	3	Vertical	141	2.99
5270MHz	Pass	AV	5.2716G	102.09	Inf	-Inf	3	Horizontal	300	1.00
5270MHz	Pass	AV	5.35G	50.62	54.00	-3.38	3	Horizontal	300	1.00
5270MHz	Pass	PK	5.276G	112.69	Inf	-Inf	3	Horizontal	300	1.00
5270MHz	Pass	PK	5.3556G	69.06	74.00	-4.94	3	Horizontal	300	1.00
5270MHz	Pass	PK	10.54G	54.64	68.20	-13.56	3	Vertical	122	1.46
5270MHz	Pass	PK	10.54104G	52.59	68.20	-15.61	3	Horizontal	100	1.00
5310MHz	Pass	AV	5.3076G	88.99	Inf	-Inf	3	Vertical	141	2.93
5310MHz	Pass	AV	5.35G	45.16	54.00	-8.84	3	Vertical	141	2.93
5310MHz	Pass	PK	5.3164G	99.65	Inf	-Inf	3	Vertical	141	2.93
5310MHz	Pass	PK	5.35G	59.84	74.00	-14.16	3	Vertical	141	2.93
5310MHz	Pass	AV	5.3084G	95.34	Inf	-Inf	3	Horizontal	298	1.03
5310MHz	Pass	AV	5.35G	51.94	54.00	-2.06	3	Horizontal	298	1.03

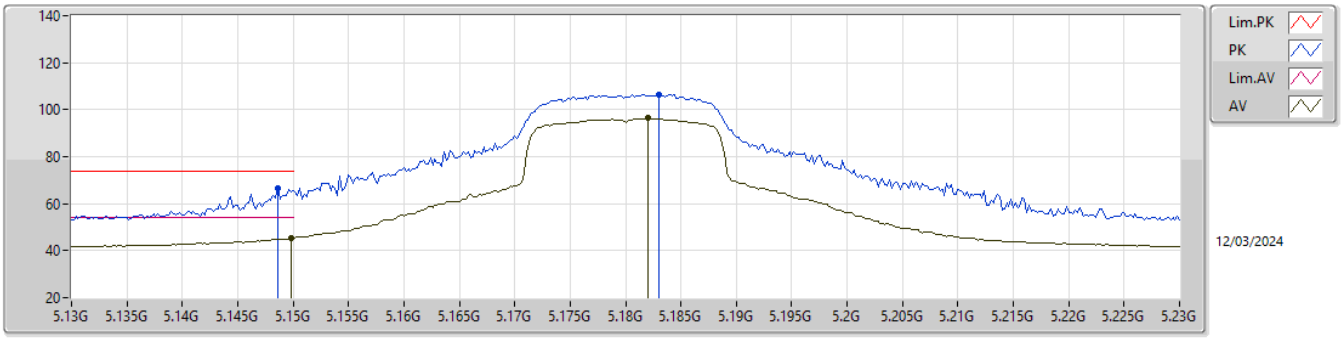
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5310MHz	Pass	PK	5.3028G	105.76	Inf	-Inf	3	Horizontal	298	1.03
5310MHz	Pass	PK	5.3504G	68.59	74.00	-5.41	3	Horizontal	298	1.03
5310MHz	Pass	AV	10.62008G	41.02	54.00	-12.98	3	Vertical	92	1.00
5310MHz	Pass	PK	10.61016G	53.97	74.00	-20.03	3	Vertical	92	1.00
5310MHz	Pass	AV	10.60752G	38.28	54.00	-15.72	3	Horizontal	49	1.00
5310MHz	Pass	PK	10.60984G	50.81	74.00	-23.19	3	Horizontal	49	1.00
5510MHz	Pass	AV	5.46G	41.80	54.00	-12.20	3	Vertical	131	2.97
5510MHz	Pass	AV	5.5132G	89.65	Inf	-Inf	3	Vertical	131	2.97
5510MHz	Pass	PK	5.4564G	54.59	74.00	-19.41	3	Vertical	131	2.97
5510MHz	Pass	PK	5.4696G	58.85	68.20	-9.35	3	Vertical	131	2.97
5510MHz	Pass	PK	5.508G	100.15	Inf	-Inf	3	Vertical	131	2.97
5510MHz	Pass	AV	5.46G	45.99	54.00	-8.01	3	Horizontal	300	1.00
5510MHz	Pass	AV	5.5084G	96.10	Inf	-Inf	3	Horizontal	300	1.00
5510MHz	Pass	PK	5.46G	59.09	74.00	-14.91	3	Horizontal	300	1.00
5510MHz	Pass	PK	5.4692G	67.76	68.20	-0.44	3	Horizontal	300	1.00
5510MHz	Pass	PK	5.514G	107.61	Inf	-Inf	3	Horizontal	300	1.00
5510MHz	Pass	AV	11.0288G	40.25	54.00	-13.75	3	Vertical	299	1.02
5510MHz	Pass	PK	11.0192G	53.33	74.00	-20.67	3	Vertical	299	1.02
5510MHz	Pass	AV	11.0277G	39.19	54.00	-14.81	3	Horizontal	176	2.78
5510MHz	Pass	PK	11.0296G	51.88	74.00	-22.12	3	Horizontal	176	2.78
5550MHz	Pass	AV	5.458G	40.34	54.00	-13.66	3	Vertical	207	2.91
5550MHz	Pass	AV	5.5528G	91.08	Inf	-Inf	3	Vertical	207	2.91
5550MHz	Pass	PK	5.4532G	53.93	74.00	-20.07	3	Vertical	207	2.91
5550MHz	Pass	PK	5.4688G	54.10	68.20	-14.10	3	Vertical	207	2.91
5550MHz	Pass	PK	5.5564G	101.51	Inf	-Inf	3	Vertical	207	2.91
5550MHz	Pass	AV	5.4596G	43.07	54.00	-10.93	3	Horizontal	298	1.00
5550MHz	Pass	AV	5.5516G	100.98	Inf	-Inf	3	Horizontal	298	1.00
5550MHz	Pass	PK	5.4524G	59.20	74.00	-14.80	3	Horizontal	298	1.00
5550MHz	Pass	PK	5.47G	62.04	68.20	-6.16	3	Horizontal	298	1.00
5550MHz	Pass	PK	5.554G	111.03	Inf	-Inf	3	Horizontal	298	1.00
5550MHz	Pass	AV	11.10512G	43.23	54.00	-10.77	3	Vertical	227	1.00
5550MHz	Pass	PK	11.10704G	55.46	74.00	-18.54	3	Vertical	227	1.00
5550MHz	Pass	AV	11.10368G	41.26	54.00	-12.74	3	Horizontal	50	1.04
5550MHz	Pass	PK	11.10704G	54.14	74.00	-19.86	3	Horizontal	50	1.04
5670MHz	Pass	AV	5.6736G	87.69	Inf	-Inf	3	Vertical	43	2.69
5670MHz	Pass	PK	5.6718G	98.37	Inf	-Inf	3	Vertical	43	2.69
5670MHz	Pass	PK	5.7294G	55.82	68.20	-12.38	3	Vertical	43	2.69
5670MHz	Pass	AV	5.6676G	97.52	Inf	-Inf	3	Horizontal	295	1.00
5670MHz	Pass	PK	5.673G	108.05	Inf	-Inf	3	Horizontal	295	1.00
5670MHz	Pass	PK	5.7288G	65.84	68.20	-2.36	3	Horizontal	295	1.00
5670MHz	Pass	AV	11.34944G	41.24	54.00	-12.76	3	Vertical	61	1.04
5670MHz	Pass	PK	11.33664G	55.00	74.00	-19.00	3	Vertical	61	1.04
5670MHz	Pass	AV	11.33488G	39.67	54.00	-14.33	3	Horizontal	44	2.15
5670MHz	Pass	PK	11.33112G	52.38	74.00	-21.62	3	Horizontal	44	2.15
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.4472G	40.43	54.00	-13.57	3	Vertical	136	2.89
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7124G	90.09	Inf	-Inf	3	Vertical	136	2.89
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4112G	54.04	74.00	-19.96	3	Vertical	136	2.89
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4652G	52.38	68.20	-15.82	3	Vertical	136	2.89
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7172G	100.28	Inf	-Inf	3	Vertical	136	2.89
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.9512G	54.64	68.20	-13.56	3	Vertical	136	2.89
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.4352G	40.73	54.00	-13.27	3	Horizontal	292	1.03
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7124G	98.49	Inf	-Inf	3	Horizontal	292	1.03
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4352G	53.52	74.00	-20.48	3	Horizontal	292	1.03
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4616G	51.57	68.20	-16.63	3	Horizontal	292	1.03
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7136G	108.49	Inf	-Inf	3	Horizontal	292	1.03
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.8972G	54.51	68.20	-13.69	3	Horizontal	292	1.03
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.41696G	41.39	54.00	-12.61	3	Vertical	51	1.00
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.40832G	53.65	74.00	-20.35	3	Vertical	51	1.00
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.43168G	40.17	54.00	-13.83	3	Horizontal	0	2.17
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.41776G	51.03	74.00	-22.97	3	Horizontal	0	2.17
5755MHz	Pass	AV	5.4586G	40.25	54.00	-13.75	3	Vertical	148	2.91
5755MHz	Pass	AV	5.7586G	91.15	Inf	-Inf	3	Vertical	148	2.91

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5755MHz	Pass	PK	5.5798G	53.71	68.20	-14.49	3	Vertical	148	2.91
5755MHz	Pass	PK	5.7514G	102.29	Inf	-Inf	3	Vertical	148	2.91
5755MHz	Pass	PK	5.9842G	55.43	68.20	-12.77	3	Vertical	148	2.91
5755MHz	Pass	AV	5.4586G	40.46	54.00	-13.54	3	Horizontal	284	1.00
5755MHz	Pass	AV	5.7574G	100.17	Inf	-Inf	3	Horizontal	284	1.00
5755MHz	Pass	PK	5.641G	54.55	68.20	-13.65	3	Horizontal	284	1.00
5755MHz	Pass	PK	5.7622G	111.00	Inf	-Inf	3	Horizontal	284	1.00
5755MHz	Pass	PK	5.977G	54.91	68.20	-13.29	3	Horizontal	284	1.00
5755MHz	Pass	AV	11.50984G	42.12	54.00	-11.88	3	Vertical	62	1.15
5755MHz	Pass	PK	11.51088G	55.10	74.00	-18.90	3	Vertical	62	1.15
5755MHz	Pass	AV	11.50968G	40.61	54.00	-13.39	3	Horizontal	218	2.10
5755MHz	Pass	PK	11.51304G	53.78	74.00	-20.22	3	Horizontal	218	2.10
5795MHz	Pass	AV	5.7962G	90.77	Inf	-Inf	3	Vertical	149	2.89
5795MHz	Pass	PK	5.5622G	54.28	68.20	-13.92	3	Vertical	149	2.89
5795MHz	Pass	PK	5.7926G	101.24	Inf	-Inf	3	Vertical	149	2.89
5795MHz	Pass	PK	5.963G	55.72	68.20	-12.48	3	Vertical	149	2.89
5795MHz	Pass	AV	5.7974G	100.17	Inf	-Inf	3	Horizontal	296	1.00
5795MHz	Pass	PK	5.639G	54.80	68.20	-13.40	3	Horizontal	296	1.00
5795MHz	Pass	PK	5.7974G	110.63	Inf	-Inf	3	Horizontal	296	1.00
5795MHz	Pass	PK	5.9978G	55.69	68.20	-12.51	3	Horizontal	296	1.00
5795MHz	Pass	AV	11.59008G	41.60	54.00	-12.40	3	Vertical	63	1.08
5795MHz	Pass	PK	11.58952G	54.16	74.00	-19.84	3	Vertical	63	1.08
5795MHz	Pass	AV	11.59208G	40.41	54.00	-13.59	3	Horizontal	214	3.00
5795MHz	Pass	PK	11.58384G	52.82	74.00	-21.18	3	Horizontal	214	3.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.15G	43.93	54.00	-10.07	3	Vertical	154	2.53
5210MHz	Pass	AV	5.213G	84.62	Inf	-Inf	3	Vertical	154	2.53
5210MHz	Pass	AV	5.354G	40.69	54.00	-13.31	3	Vertical	154	2.53
5210MHz	Pass	PK	5.148G	59.85	74.00	-14.15	3	Vertical	154	2.53
5210MHz	Pass	PK	5.214G	95.12	Inf	-Inf	3	Vertical	154	2.53
5210MHz	Pass	PK	5.441G	53.60	74.00	-20.40	3	Vertical	154	2.53
5210MHz	Pass	AV	5.15G	51.75	54.00	-2.25	3	Horizontal	299	1.06
5210MHz	Pass	AV	5.208G	91.18	Inf	-Inf	3	Horizontal	299	1.06
5210MHz	Pass	AV	5.35G	41.21	54.00	-12.79	3	Horizontal	299	1.06
5210MHz	Pass	PK	5.143G	67.65	74.00	-6.35	3	Horizontal	299	1.06
5210MHz	Pass	PK	5.214G	101.66	Inf	-Inf	3	Horizontal	299	1.06
5210MHz	Pass	PK	5.351G	54.61	74.00	-19.39	3	Horizontal	299	1.06
5210MHz	Pass	PK	10.43216G	50.81	68.20	-17.39	3	Vertical	122	1.45
5210MHz	Pass	PK	10.42224G	50.89	68.20	-17.31	3	Horizontal	220	1.50
5290MHz	Pass	AV	5.126G	40.49	54.00	-13.51	3	Vertical	141	2.93
5290MHz	Pass	AV	5.288G	84.55	Inf	-Inf	3	Vertical	141	2.93
5290MHz	Pass	AV	5.352G	44.72	54.00	-9.28	3	Vertical	141	2.93
5290MHz	Pass	PK	5.117G	53.92	74.00	-20.08	3	Vertical	141	2.93
5290MHz	Pass	PK	5.278G	95.29	Inf	-Inf	3	Vertical	141	2.93
5290MHz	Pass	PK	5.367G	58.76	74.00	-15.24	3	Vertical	141	2.93
5290MHz	Pass	PK	5.504G	53.79	68.20	-14.41	3	Vertical	141	2.93
5290MHz	Pass	AV	5.132G	41.27	54.00	-12.73	3	Horizontal	299	1.00
5290MHz	Pass	AV	5.293G	89.99	Inf	-Inf	3	Horizontal	299	1.00
5290MHz	Pass	AV	5.35G	51.74	54.00	-2.26	3	Horizontal	299	1.00
5290MHz	Pass	PK	5.042G	54.34	74.00	-19.66	3	Horizontal	299	1.00
5290MHz	Pass	PK	5.277G	100.19	Inf	-Inf	3	Horizontal	299	1.00
5290MHz	Pass	PK	5.354G	66.31	74.00	-7.69	3	Horizontal	299	1.00
5290MHz	Pass	PK	5.489G	54.48	68.20	-13.72	3	Horizontal	299	1.00
5290MHz	Pass	PK	10.6184G	51.10	74.00	-22.90	3	Vertical	54	1.06
5290MHz	Pass	PK	10.56512G	50.53	68.20	-17.67	3	Horizontal	211	1.44
5530MHz	Pass	AV	5.35G	40.06	54.00	-13.94	3	Vertical	133	2.98
5530MHz	Pass	AV	5.458G	43.55	54.00	-10.45	3	Vertical	133	2.98
5530MHz	Pass	AV	5.524G	86.60	Inf	-Inf	3	Vertical	133	2.98
5530MHz	Pass	PK	5.343G	53.42	68.20	-14.78	3	Vertical	133	2.98
5530MHz	Pass	PK	5.446G	59.98	74.00	-14.02	3	Vertical	133	2.98
5530MHz	Pass	PK	5.47G	57.38	68.20	-10.82	3	Vertical	133	2.98
5530MHz	Pass	PK	5.519G	97.26	Inf	-Inf	3	Vertical	133	2.98

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5530MHz	Pass	PK	5.758G	54.37	68.20	-13.83	3	Vertical	133	2.98
5530MHz	Pass	AV	5.35G	40.67	54.00	-13.33	3	Horizontal	299	1.04
5530MHz	Pass	AV	5.457G	50.70	54.00	-3.30	3	Horizontal	299	1.04
5530MHz	Pass	AV	5.535G	93.02	Inf	-Inf	3	Horizontal	299	1.04
5530MHz	Pass	PK	5.311G	53.72	68.20	-14.48	3	Horizontal	299	1.04
5530MHz	Pass	PK	5.446G	66.79	74.00	-7.21	3	Horizontal	299	1.04
5530MHz	Pass	PK	5.467G	65.89	68.20	-2.31	3	Horizontal	299	1.04
5530MHz	Pass	PK	5.537G	103.90	Inf	-Inf	3	Horizontal	299	1.04
5530MHz	Pass	PK	5.74G	54.35	68.20	-13.85	3	Horizontal	299	1.04
5530MHz	Pass	AV	11.05536G	39.52	54.00	-14.48	3	Vertical	311	2.37
5530MHz	Pass	PK	11.05584G	52.61	74.00	-21.39	3	Vertical	311	2.37
5530MHz	Pass	AV	11.05968G	38.74	54.00	-15.26	3	Horizontal	53	2.29
5530MHz	Pass	PK	11.04496G	52.55	74.00	-21.45	3	Horizontal	53	2.29
5610MHz	Pass	AV	5.457G	41.04	54.00	-12.96	3	Vertical	143	2.90
5610MHz	Pass	AV	5.618G	88.27	Inf	-Inf	3	Vertical	143	2.90
5610MHz	Pass	PK	5.46G	54.93	74.00	-19.07	3	Vertical	143	2.90
5610MHz	Pass	PK	5.465G	57.63	68.20	-10.57	3	Vertical	143	2.90
5610MHz	Pass	PK	5.617G	99.16	Inf	-Inf	3	Vertical	143	2.90
5610MHz	Pass	PK	5.725G	57.62	68.20	-10.58	3	Vertical	143	2.90
5610MHz	Pass	AV	5.46G	42.75	54.00	-11.25	3	Horizontal	294	1.04
5610MHz	Pass	AV	5.604G	95.59	Inf	-Inf	3	Horizontal	294	1.04
5610MHz	Pass	PK	5.46G	58.79	74.00	-15.21	3	Horizontal	294	1.04
5610MHz	Pass	PK	5.461G	60.86	68.20	-7.34	3	Horizontal	294	1.04
5610MHz	Pass	PK	5.605G	106.94	Inf	-Inf	3	Horizontal	294	1.04
5610MHz	Pass	PK	5.725G	66.09	68.20	-2.11	3	Horizontal	294	1.04
5610MHz	Pass	AV	11.2208G	41.55	54.00	-12.45	3	Vertical	61	1.05
5610MHz	Pass	PK	11.22816G	54.87	74.00	-19.13	3	Vertical	61	1.05
5610MHz	Pass	AV	11.22112G	39.87	54.00	-14.13	3	Horizontal	51	2.23
5610MHz	Pass	PK	11.2344G	52.21	74.00	-21.79	3	Horizontal	51	2.23
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4332G	40.30	54.00	-13.70	3	Vertical	124	1.96
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.702G	84.99	Inf	-Inf	3	Vertical	124	1.96
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4536G	52.96	74.00	-21.04	3	Vertical	124	1.96
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4632G	52.16	68.20	-16.04	3	Vertical	124	1.96
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.7044G	95.22	Inf	-Inf	3	Vertical	124	1.96
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.924G	54.68	68.20	-13.52	3	Vertical	124	1.96
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4584G	40.89	54.00	-13.11	3	Horizontal	292	1.07
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6924G	95.60	Inf	-Inf	3	Horizontal	292	1.07
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4536G	53.49	74.00	-20.51	3	Horizontal	292	1.07
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.468G	53.21	68.20	-14.99	3	Horizontal	292	1.07
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.6984G	105.95	Inf	-Inf	3	Horizontal	292	1.07
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8892G	60.18	68.20	-8.02	3	Horizontal	292	1.07
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.39536G	40.01	54.00	-13.99	3	Vertical	52	1.01
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.39024G	52.43	74.00	-21.57	3	Vertical	52	1.01
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.3984G	38.84	54.00	-15.16	3	Horizontal	0	2.17
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.36768G	52.00	74.00	-22.00	3	Horizontal	0	2.17
5775MHz	Pass	AV	5.787G	88.70	Inf	-Inf	3	Vertical	147	2.89
5775MHz	Pass	PK	5.631G	57.17	68.20	-11.03	3	Vertical	147	2.89
5775MHz	Pass	PK	5.7894G	99.31	Inf	-Inf	3	Vertical	147	2.89
5775MHz	Pass	PK	5.9454G	56.38	68.20	-11.82	3	Vertical	147	2.89
5775MHz	Pass	AV	5.7726G	96.87	Inf	-Inf	3	Horizontal	293	1.00
5775MHz	Pass	PK	5.649G	65.82	68.20	-2.38	3	Horizontal	293	1.00
5775MHz	Pass	PK	5.7522G	107.60	Inf	-Inf	3	Horizontal	293	1.00
5775MHz	Pass	PK	5.925G	61.32	68.20	-6.88	3	Horizontal	293	1.00
5775MHz	Pass	AV	11.54104G	41.70	54.00	-12.30	3	Vertical	246	1.01
5775MHz	Pass	PK	11.57336G	55.04	74.00	-18.96	3	Vertical	246	1.01
5775MHz	Pass	AV	11.57304G	38.63	54.00	-15.37	3	Horizontal	345	2.67
5775MHz	Pass	PK	11.58072G	50.88	74.00	-23.12	3	Horizontal	345	2.67

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

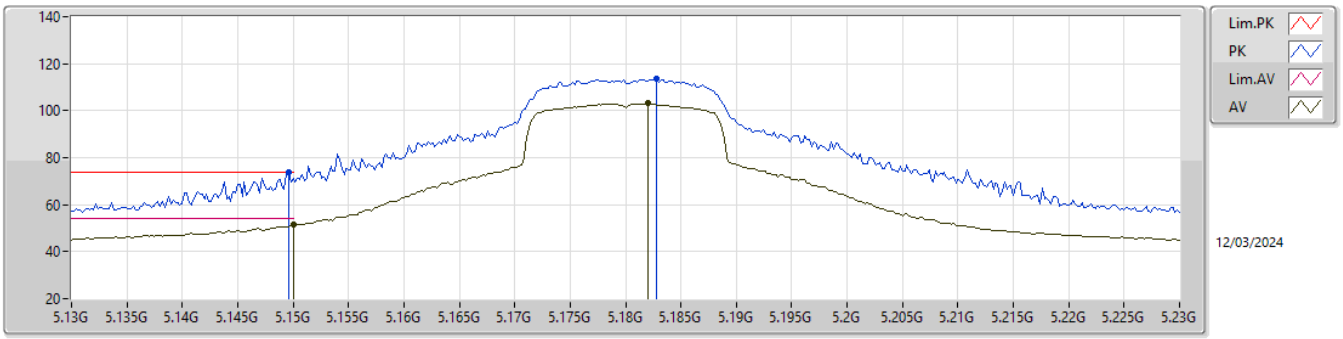
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.1498G	45.09	54.00	-8.91	-5.41	3	Vertical	133	2.85	50.50	33.50	5.17	44.08
AV	5.182G	96.43	Inf	-Inf	-5.40	3	Vertical	133	2.85	101.83	33.50	5.18	44.08
PK	5.1486G	66.53	74.00	-7.47	-5.41	3	Vertical	133	2.85	71.94	33.50	5.17	44.08
PK	5.183G	106.43	Inf	-Inf	-5.40	3	Vertical	133	2.85	111.83	33.50	5.18	44.08

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

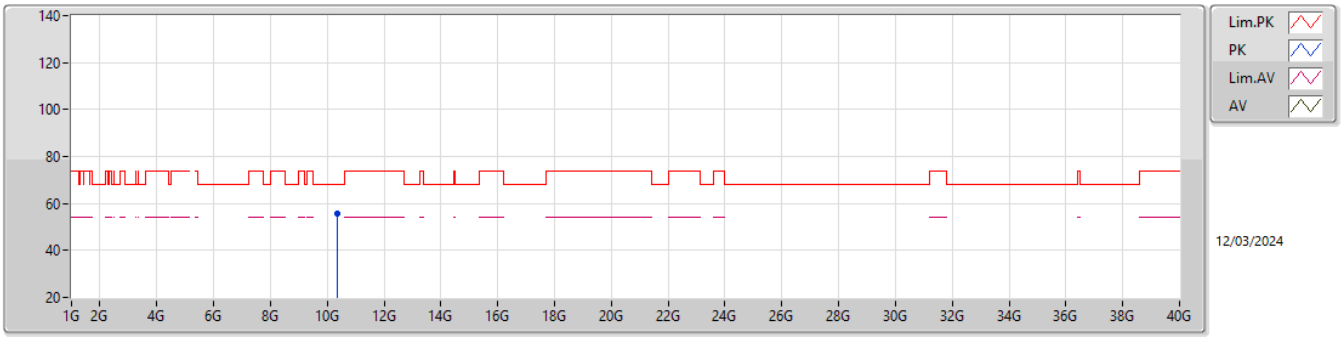
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	51.32	54.00	-2.68	-5.41	3	Horizontal	297	1.01	56.73	33.50	5.17	44.08
AV	5.182G	103.04	Inf	-Inf	-5.40	3	Horizontal	297	1.01	108.44	33.50	5.18	44.08
PK	5.1496G	73.77	74.00	-0.23	-5.41	3	Horizontal	297	1.01	79.18	33.50	5.17	44.08
PK	5.1828G	113.48	Inf	-Inf	-5.40	3	Horizontal	297	1.01	118.88	33.50	5.18	44.08

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

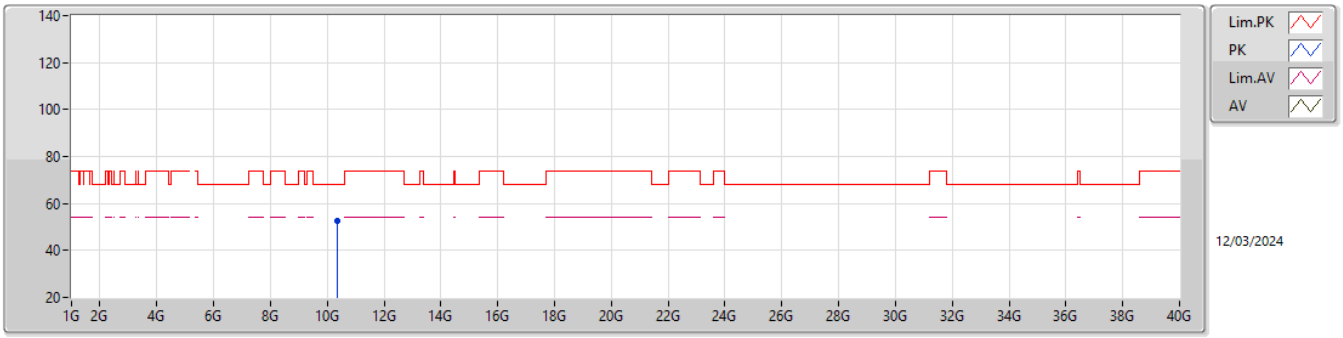
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	10.3578G	55.71	68.20	-12.49	4.66	3	Vertical	121	1.50	51.05	38.70	8.07	42.11

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

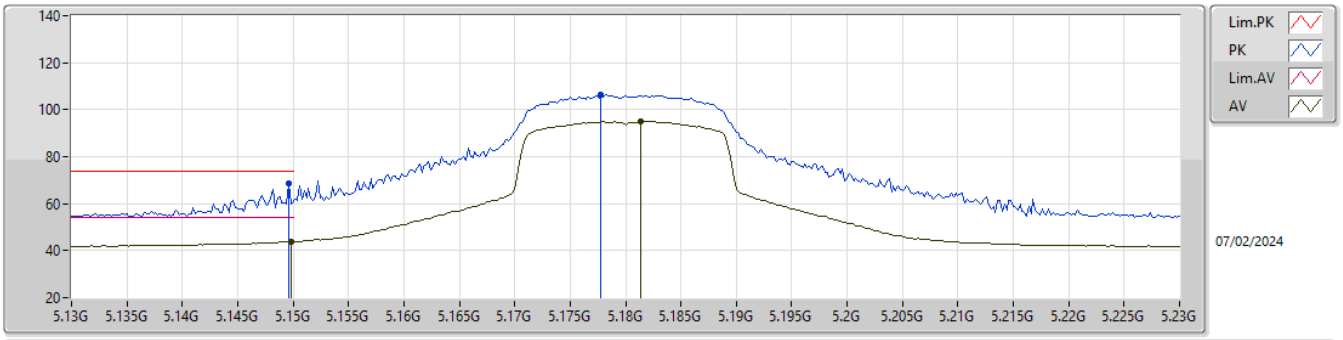
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	10.3598G	52.38	68.20	-15.82	4.66	3	Horizontal	51	1.10	47.72	38.70	8.07	42.11

5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

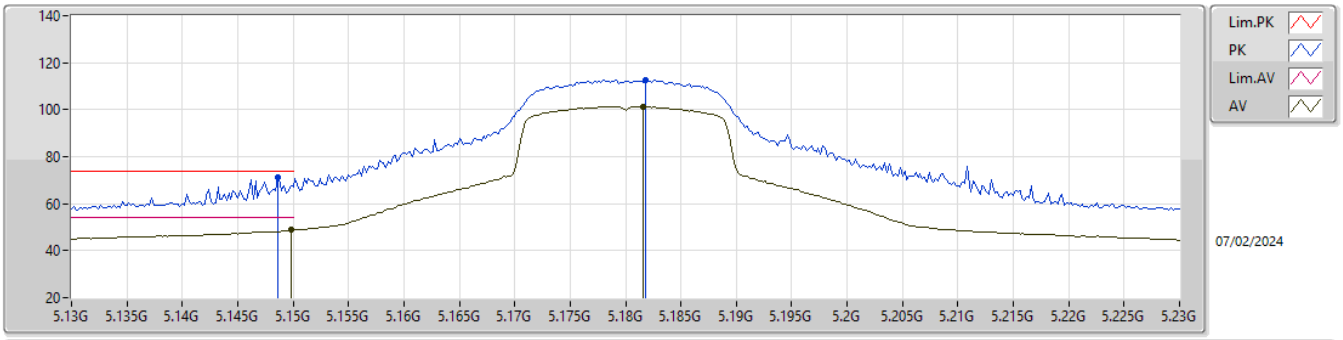
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.1498G	43.85	54.00	-10.15	-5.41	3	Vertical	139	2.93	49.26	33.50	5.17	44.08
AV	5.1814G	94.94	Inf	-Inf	-5.40	3	Vertical	139	2.93	100.34	33.50	5.18	44.08
PK	5.1496G	68.55	74.00	-5.45	-5.41	3	Vertical	139	2.93	73.96	33.50	5.17	44.08
PK	5.1778G	106.37	Inf	-Inf	-5.40	3	Vertical	139	2.93	111.77	33.50	5.18	44.08

5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

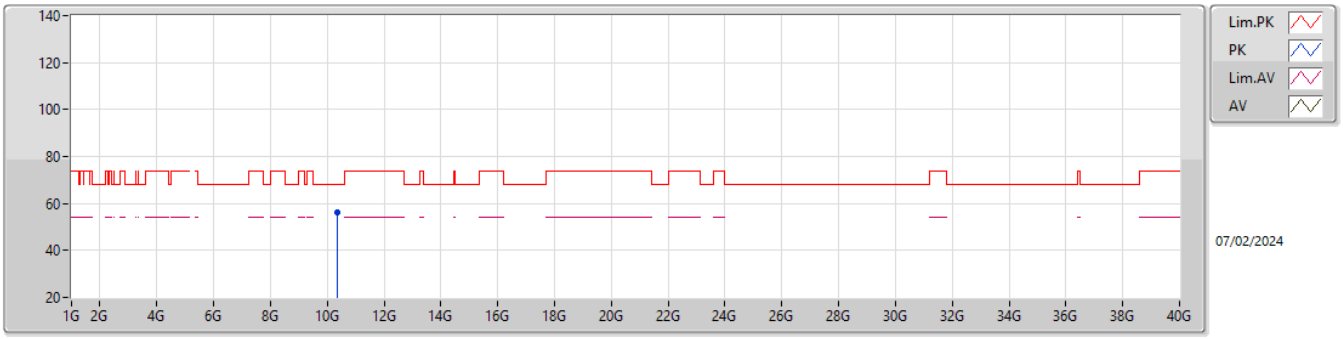
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.1498G	48.76	54.00	-5.24	-5.41	3	Horizontal	300	1.00	54.17	33.50	5.17	44.08
AV	5.1816G	101.42	Inf	-Inf	-5.40	3	Horizontal	300	1.00	106.82	33.50	5.18	44.08
PK	5.1486G	71.24	74.00	-2.76	-5.41	3	Horizontal	300	1.00	76.65	33.50	5.17	44.08
PK	5.1818G	112.77	Inf	-Inf	-5.40	3	Horizontal	300	1.00	118.17	33.50	5.18	44.08

5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

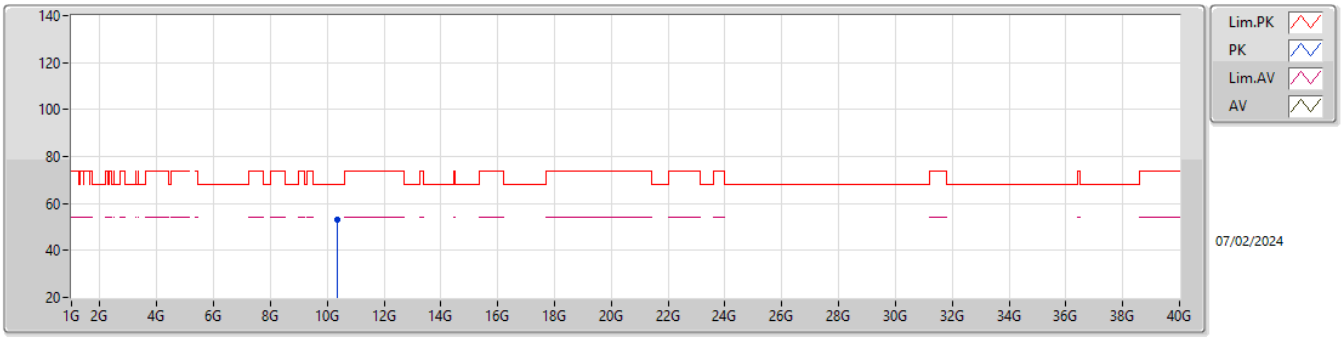
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	10.36032G	56.29	68.20	-11.91	4.66	3	Vertical	122	1.34	51.63	38.70	8.07	42.11

5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

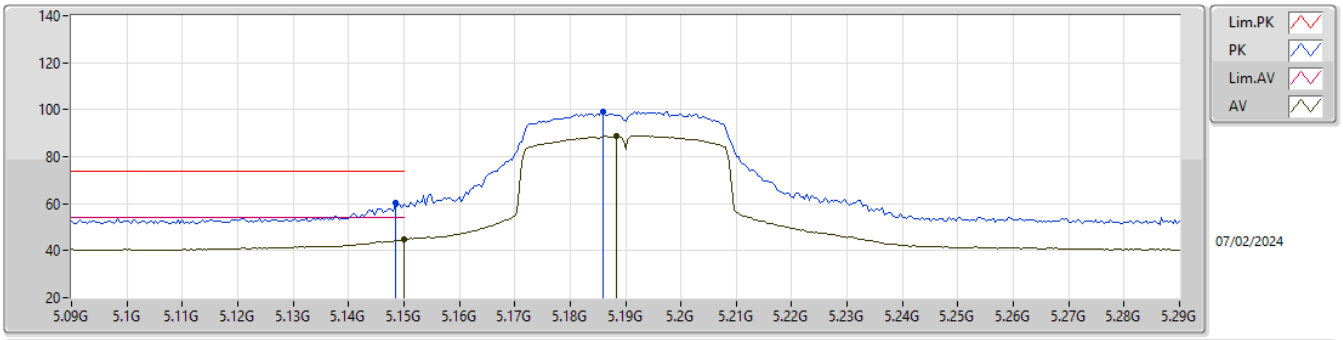
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	10.36056G	53.07	68.20	-15.13	4.66	3	Horizontal	55	1.06	48.41	38.70	8.07	42.11

5.15-5.25GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

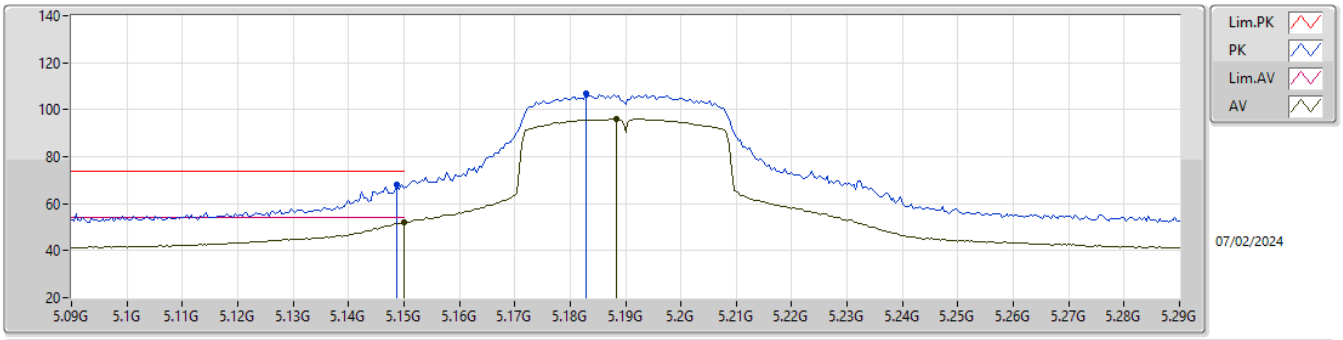
5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	44.66	54.00	-9.34	-5.41	3	Vertical	138	2.72	50.07	33.50	5.17	44.08
AV	5.1884G	88.85	Inf	-Inf	-5.40	3	Vertical	138	2.72	94.25	33.50	5.18	44.08
PK	5.1484G	60.57	74.00	-13.43	-5.41	3	Vertical	138	2.72	65.98	33.50	5.17	44.08
PK	5.186G	99.36	Inf	-Inf	-5.40	3	Vertical	138	2.72	104.76	33.50	5.18	44.08

5.15-5.25GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

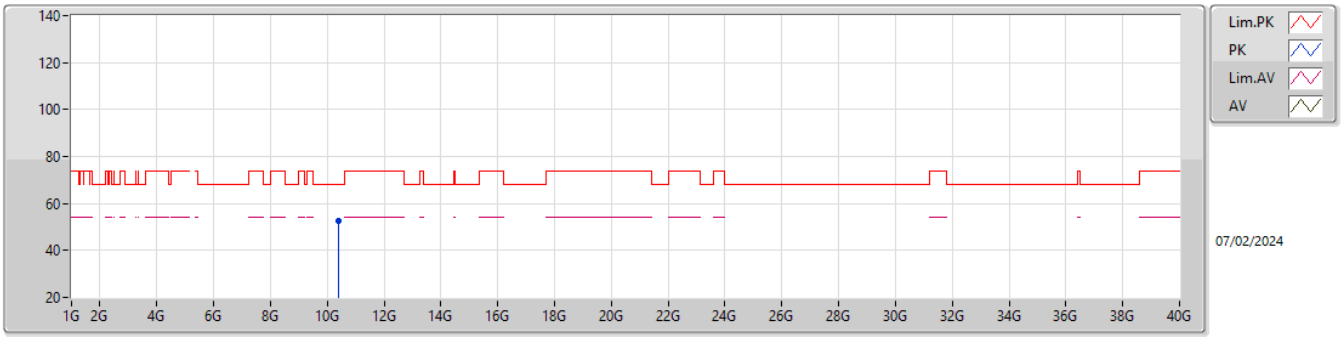
5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	51.87	54.00	-2.13	-5.41	3	Horizontal	300	1.00	57.28	33.50	5.17	44.08
AV	5.1884G	96.06	Inf	-Inf	-5.40	3	Horizontal	300	1.00	101.46	33.50	5.18	44.08
PK	5.1488G	68.22	74.00	-5.78	-5.41	3	Horizontal	300	1.00	73.63	33.50	5.17	44.08
PK	5.1828G	106.93	Inf	-Inf	-5.40	3	Horizontal	300	1.00	112.33	33.50	5.18	44.08

5.15-5.25GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

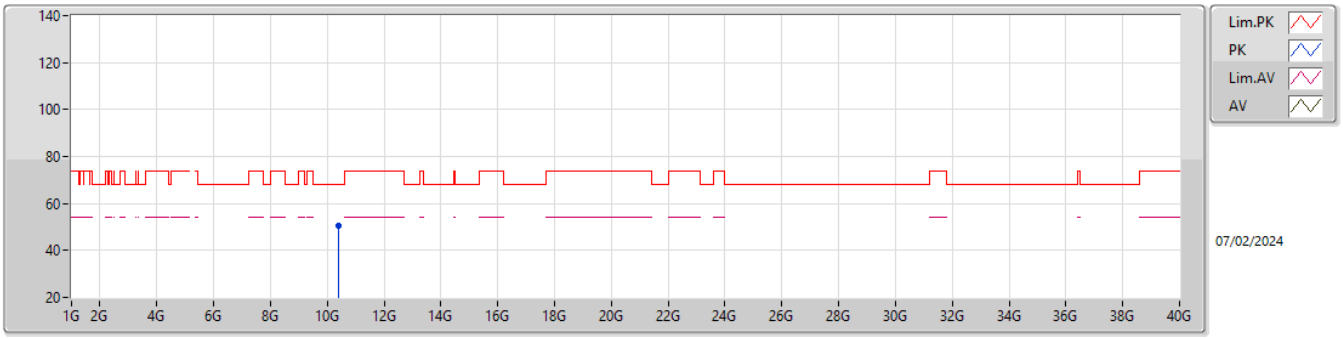
5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	10.37828G	52.61	68.20	-15.59	4.68	3	Vertical	121	1.30	47.93	38.70	8.08	42.10

5.15-5.25GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

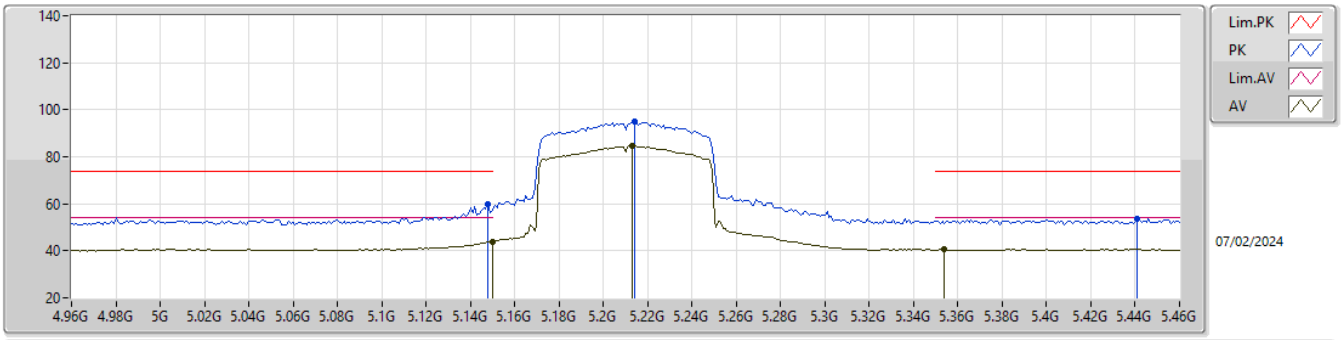
5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	10.38556G	50.65	68.20	-17.55	4.69	3	Horizontal	57	1.40	45.96	38.70	8.08	42.09

5.15-5.25GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

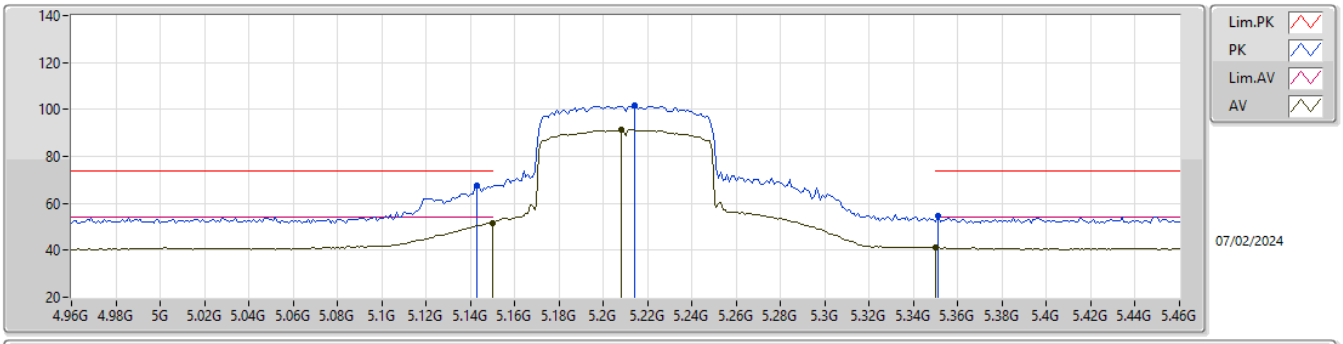
5210MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	43.93	54.00	-10.07	-5.41	3	Vertical	154	2.53	49.34	33.50	5.17	44.08
AV	5.213G	84.62	Inf	-Inf	-5.40	3	Vertical	154	2.53	90.02	33.50	5.19	44.09
AV	5.354G	40.69	54.00	-13.31	-5.57	3	Vertical	154	2.53	46.26	33.29	5.24	44.10
PK	5.148G	59.85	74.00	-14.15	-5.41	3	Vertical	154	2.53	65.26	33.50	5.17	44.08
PK	5.214G	95.12	Inf	-Inf	-5.40	3	Vertical	154	2.53	100.52	33.50	5.19	44.09
PK	5.441G	53.60	74.00	-20.40	-5.54	3	Vertical	154	2.53	59.14	33.28	5.29	44.11

5.15-5.25GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

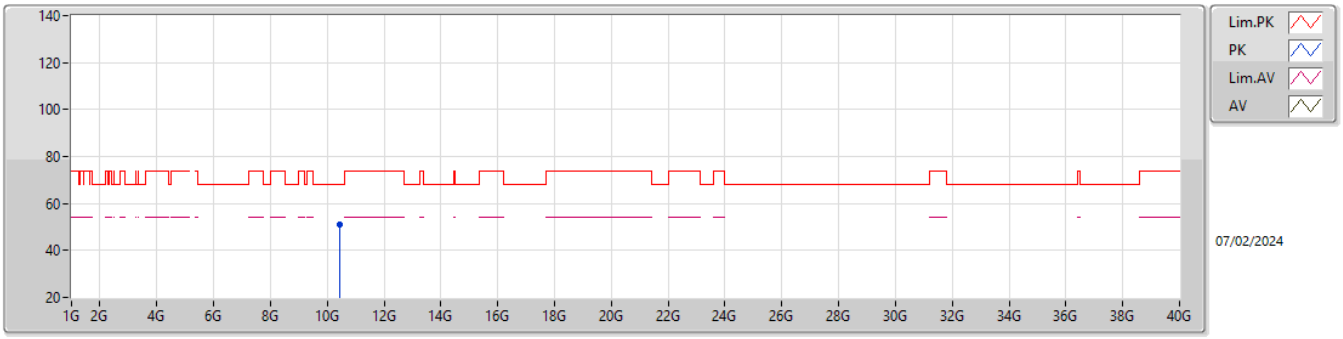
5210MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	51.75	54.00	-2.25	-5.41	3	Horizontal	299	1.06	57.16	33.50	5.17	44.08
AV	5.208G	91.18	Inf	-Inf	-5.39	3	Horizontal	299	1.06	96.57	33.50	5.19	44.08
AV	5.35G	41.21	54.00	-12.79	-5.56	3	Horizontal	299	1.06	46.77	33.30	5.24	44.10
PK	5.143G	67.65	74.00	-6.35	-5.42	3	Horizontal	299	1.06	73.07	33.50	5.16	44.08
PK	5.214G	101.66	Inf	-Inf	-5.40	3	Horizontal	299	1.06	107.06	33.50	5.19	44.09
PK	5.351G	54.61	74.00	-19.39	-5.56	3	Horizontal	299	1.06	60.17	33.30	5.24	44.10

5.15-5.25GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

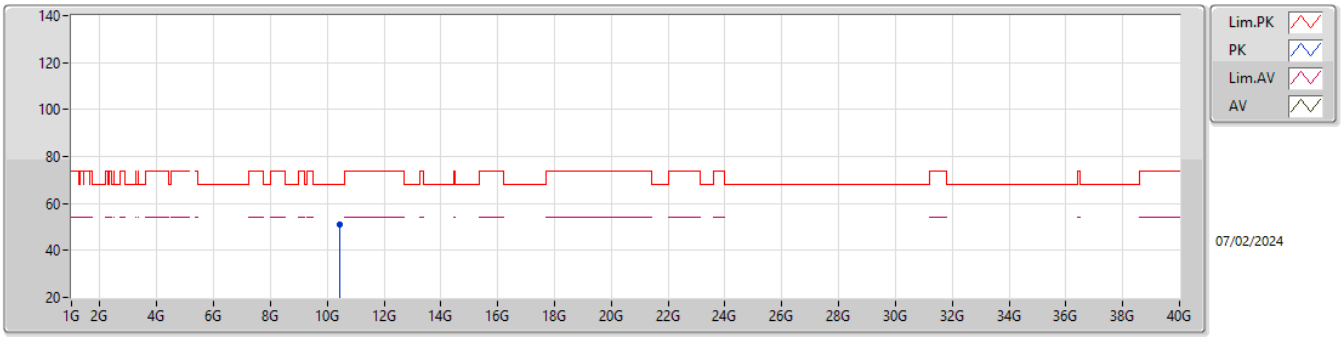
5210MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	10.43216G	50.81	68.20	-17.39	4.67	3	Vertical	122	1.45	46.14	38.64	8.09	42.06

5.15-5.25GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

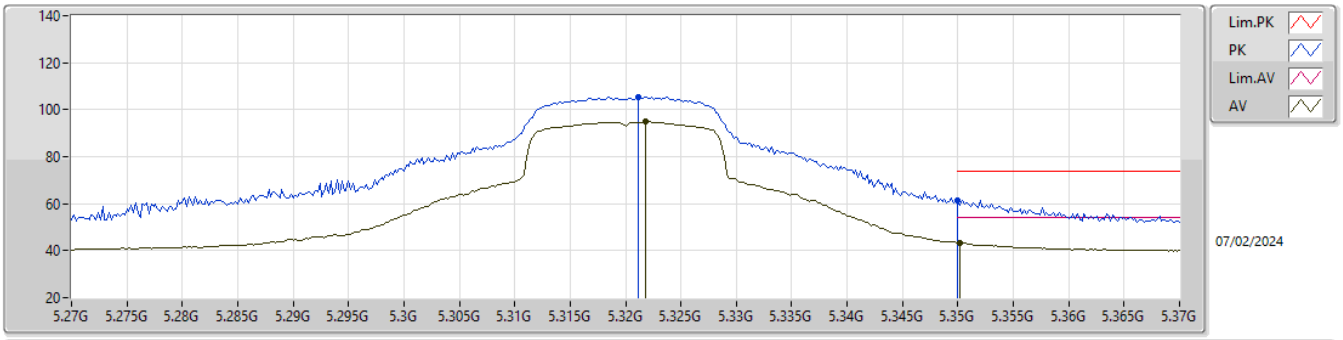
5210MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	10.42224G	50.89	68.20	-17.31	4.68	3	Horizontal	220	1.50	46.21	38.66	8.09	42.07

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

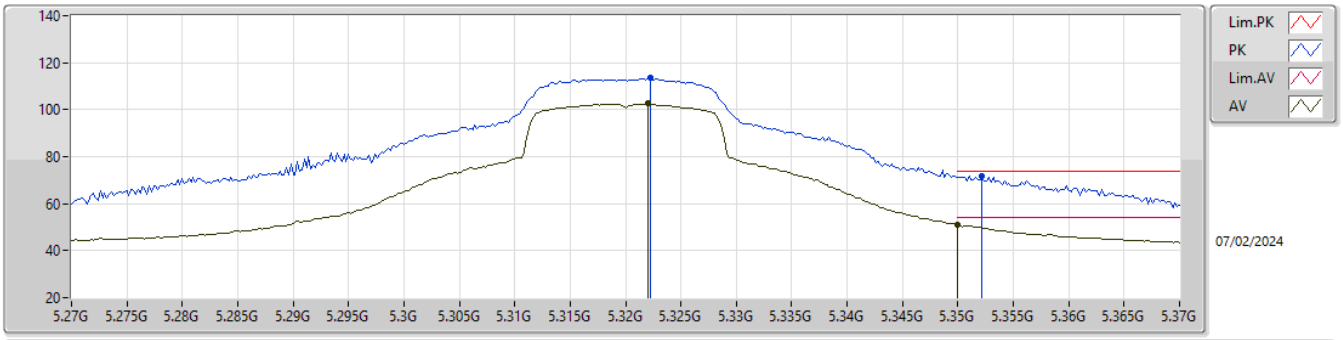
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.3218G	94.92	Inf	-Inf	-5.57	3	Vertical	154	2.44	100.49	33.30	5.23	44.10
AV	5.3502G	43.34	54.00	-10.66	-5.56	3	Vertical	154	2.44	48.90	33.30	5.24	44.10
PK	5.3212G	105.59	Inf	-Inf	-5.57	3	Vertical	154	2.44	111.16	33.30	5.23	44.10
PK	5.35G	61.22	74.00	-12.78	-5.56	3	Vertical	154	2.44	66.78	33.30	5.24	44.10

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

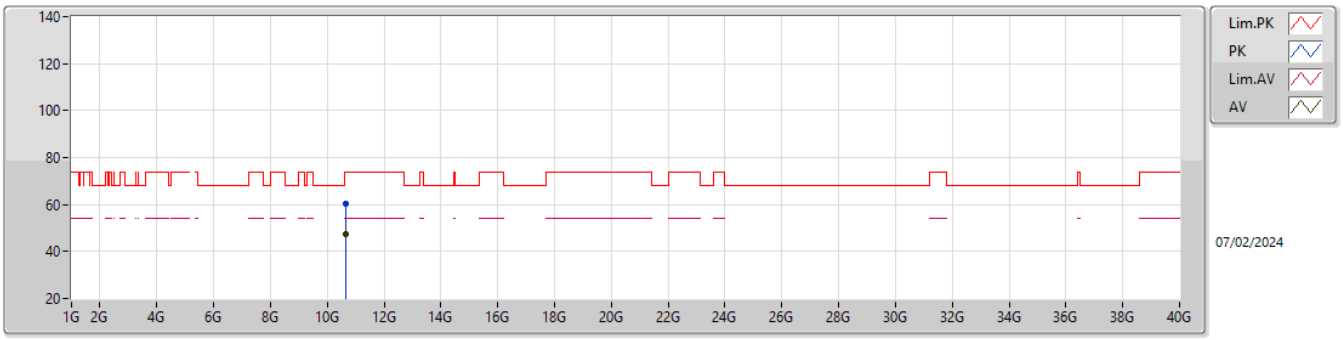
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.322G	102.51	Inf	-Inf	-5.57	3	Horizontal	297	1.00	108.08	33.30	5.23	44.10
AV	5.35G	51.07	54.00	-2.93	-5.56	3	Horizontal	297	1.00	56.63	33.30	5.24	44.10
PK	5.3222G	113.38	Inf	-Inf	-5.57	3	Horizontal	297	1.00	118.95	33.30	5.23	44.10
PK	5.3522G	71.82	74.00	-2.18	-5.56	3	Horizontal	297	1.00	77.38	33.30	5.24	44.10

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

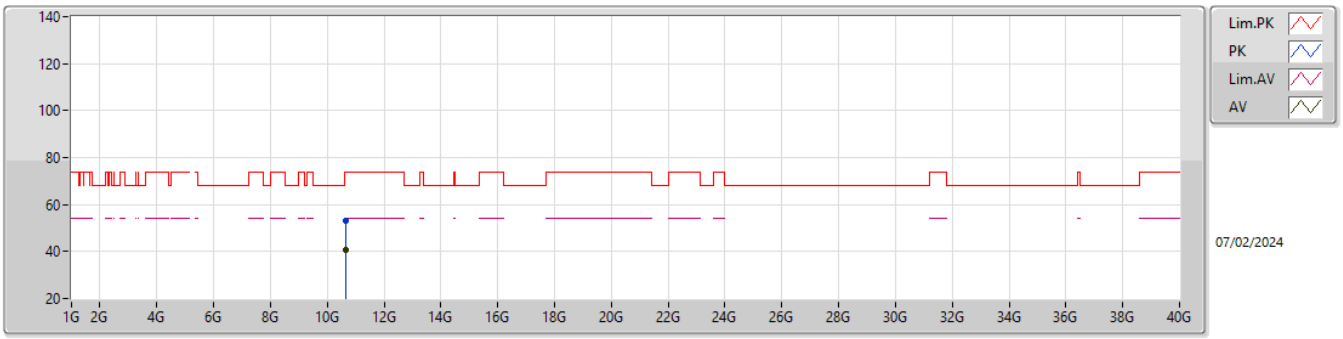
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	10.64G	47.37	54.00	-6.63	5.18	3	Vertical	88	1.00	42.19	39.08	8.16	42.06
PK	10.63624G	60.19	74.00	-13.81	5.16	3	Vertical	88	1.00	55.03	39.07	8.15	42.06

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

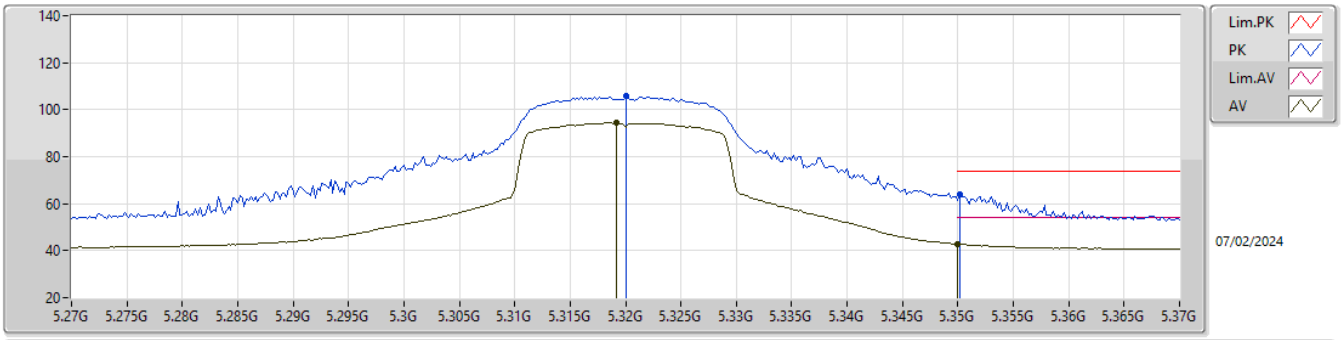
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	10.63972G	40.76	54.00	-13.24	5.18	3	Horizontal	53	1.11	35.58	39.08	8.16	42.06
PK	10.63804G	53.31	74.00	-20.69	5.17	3	Horizontal	53	1.11	48.14	39.08	8.15	42.06

5.25-5.35GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

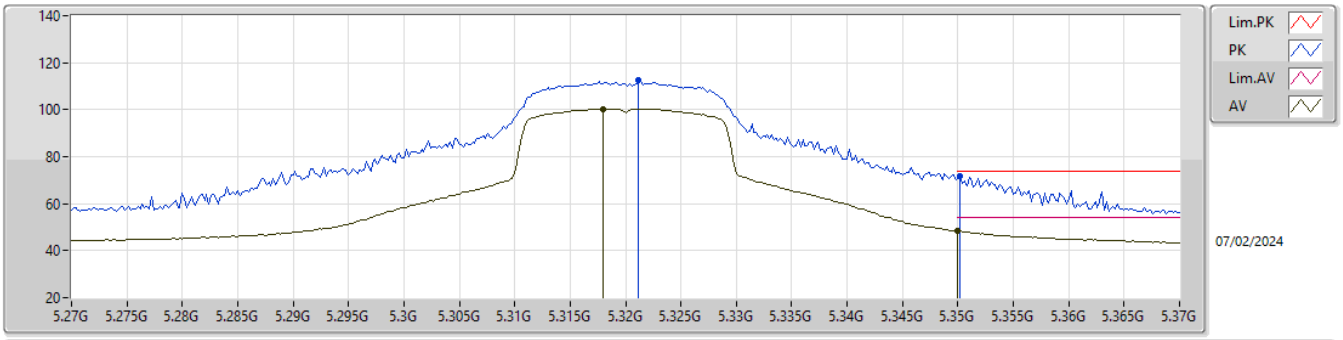
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.3192G	94.30	Inf	-Inf	-5.57	3	Vertical	142	2.92	99.87	33.30	5.23	44.10
AV	5.35G	42.94	54.00	-11.06	-5.56	3	Vertical	142	2.92	48.50	33.30	5.24	44.10
PK	5.32G	105.80	Inf	-Inf	-5.57	3	Vertical	142	2.92	111.37	33.30	5.23	44.10
PK	5.3502G	63.72	74.00	-10.28	-5.56	3	Vertical	142	2.92	69.28	33.30	5.24	44.10

5.25-5.35GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

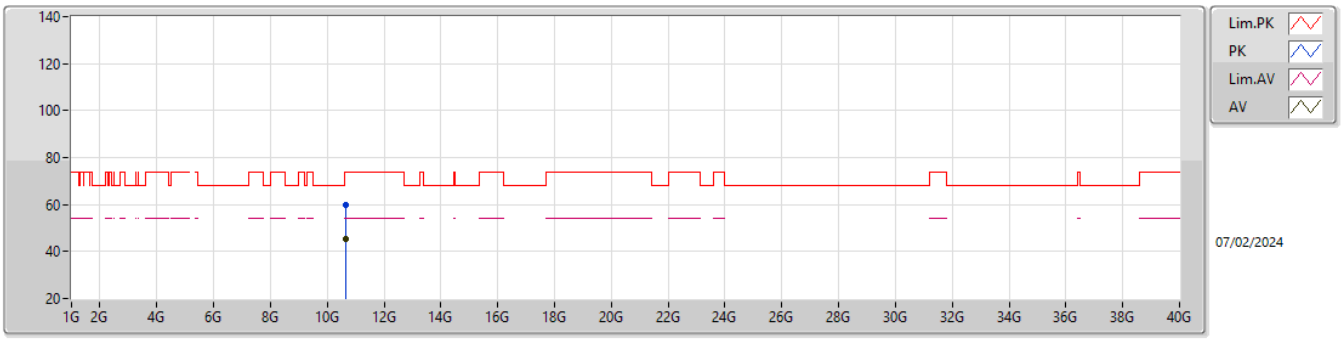
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.318G	100.39	Inf	-Inf	-5.57	3	Horizontal	298	1.00	105.96	33.30	5.23	44.10
AV	5.35G	48.38	54.00	-5.62	-5.56	3	Horizontal	298	1.00	53.94	33.30	5.24	44.10
PK	5.3212G	112.37	Inf	-Inf	-5.57	3	Horizontal	298	1.00	117.94	33.30	5.23	44.10
PK	5.3502G	71.82	74.00	-2.18	-5.56	3	Horizontal	298	1.00	77.38	33.30	5.24	44.10

5.25-5.35GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

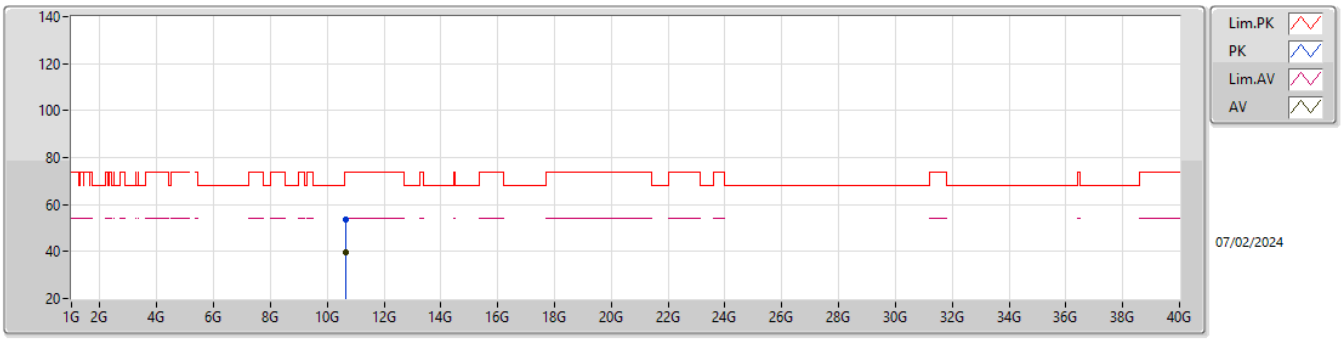
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	10.64034G	45.58	54.00	-8.42	5.18	3	Vertical	88	1.00	40.40	39.08	8.16	42.06
PK	10.63984G	59.74	74.00	-14.26	5.18	3	Vertical	88	1.00	54.56	39.08	8.16	42.06

5.25-5.35GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

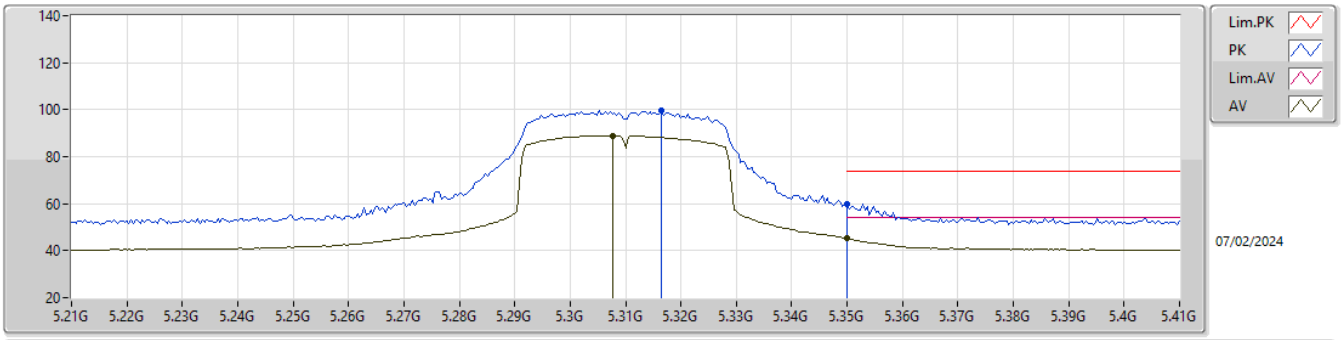
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	10.64072G	39.71	54.00	-14.29	5.18	3	Horizontal	59	1.08	34.53	39.08	8.16	42.06
PK	10.6431G	53.44	74.00	-20.56	5.19	3	Horizontal	59	1.08	48.25	39.09	8.16	42.06

5.25-5.35GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

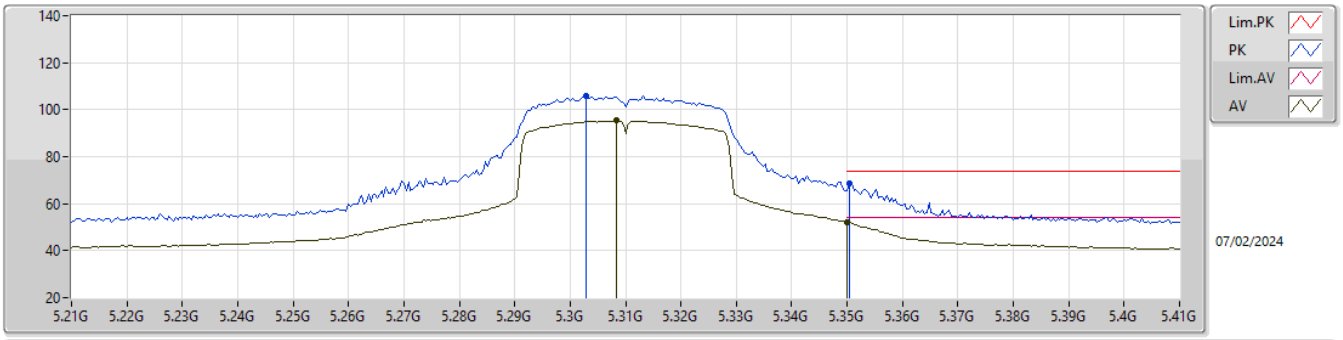
5310MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.3076G	88.99	Inf	-Inf	-5.57	3	Vertical	141	2.93	94.56	33.30	5.23	44.10
AV	5.35G	45.16	54.00	-8.84	-5.56	3	Vertical	141	2.93	50.72	33.30	5.24	44.10
PK	5.3164G	99.65	Inf	-Inf	-5.57	3	Vertical	141	2.93	105.22	33.30	5.23	44.10
PK	5.35G	59.84	74.00	-14.16	-5.56	3	Vertical	141	2.93	65.40	33.30	5.24	44.10

5.25-5.35GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

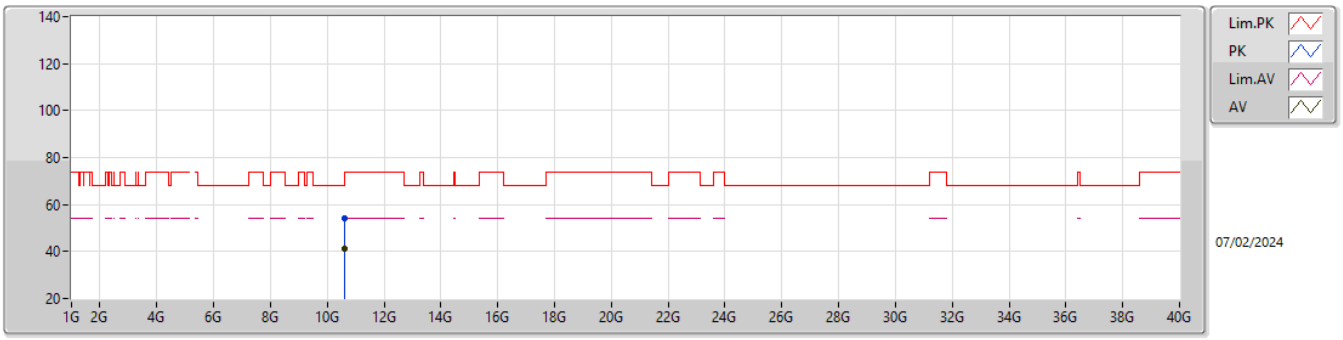
5310MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.3084G	95.34	Inf	-Inf	-5.57	3	Horizontal	298	1.03	100.91	33.30	5.23	44.10
AV	5.35G	51.94	54.00	-2.06	-5.56	3	Horizontal	298	1.03	57.50	33.30	5.24	44.10
PK	5.3028G	105.76	Inf	-Inf	-5.57	3	Horizontal	298	1.03	111.33	33.30	5.23	44.10
PK	5.3504G	68.59	74.00	-5.41	-5.56	3	Horizontal	298	1.03	74.15	33.30	5.24	44.10

5.25-5.35GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

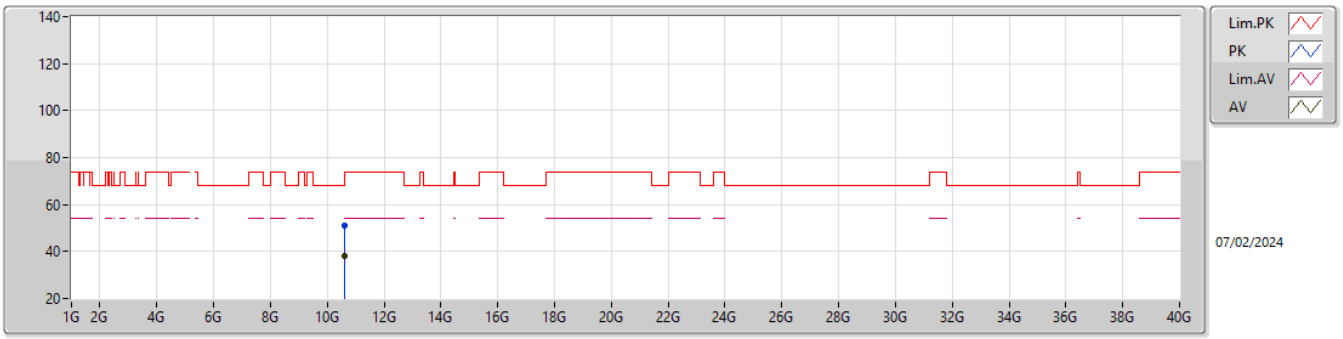
5310MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	10.62008G	41.02	54.00	-12.98	5.14	3	Vertical	92	1.00	35.88	39.04	8.15	42.05
PK	10.61016G	53.97	74.00	-20.03	5.12	3	Vertical	92	1.00	48.85	39.02	8.15	42.05

5.25-5.35GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

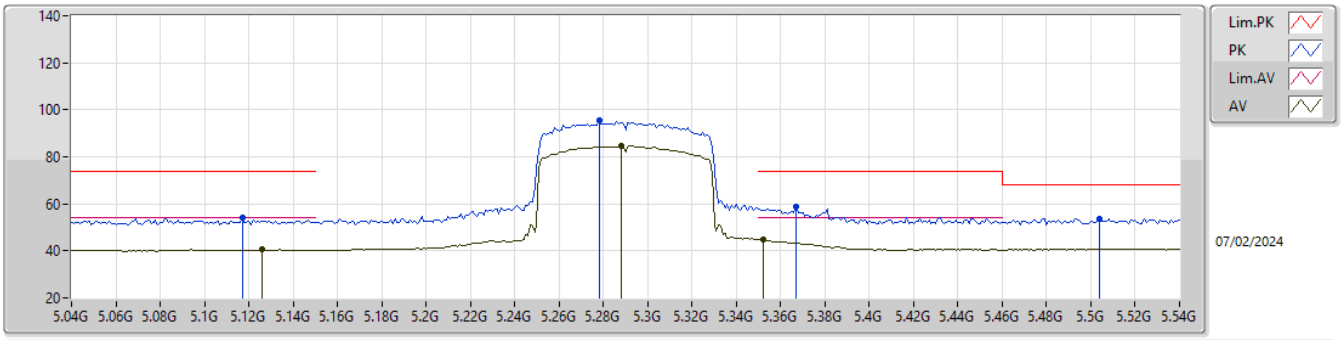
5310MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	10.60752G	38.28	54.00	-15.72	5.12	3	Horizontal	49	1.00	33.16	39.02	8.15	42.05
PK	10.60984G	50.81	74.00	-23.19	5.12	3	Horizontal	49	1.00	45.69	39.02	8.15	42.05

5.25-5.35GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

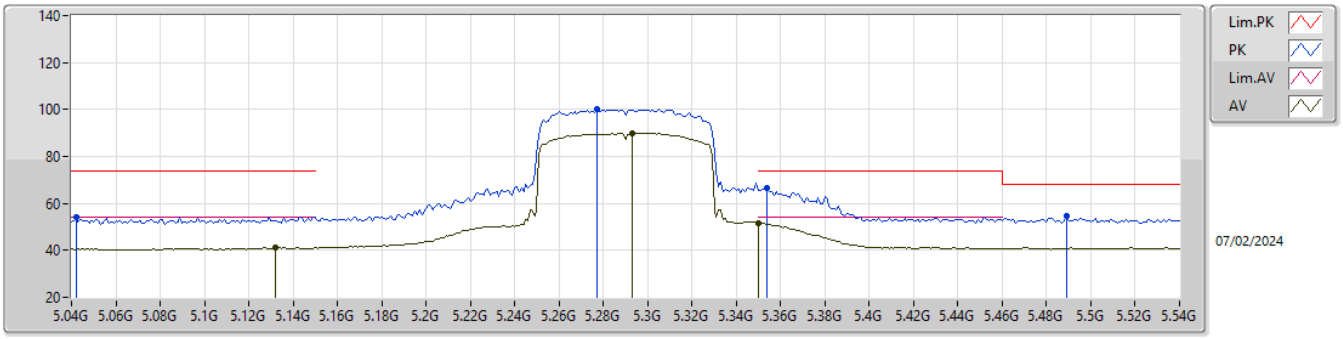
5290MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.126G	40.49	54.00	-13.51	-5.42	3	Vertical	141	2.93	45.91	33.50	5.16	44.08
AV	5.288G	84.55	Inf	-Inf	-5.52	3	Vertical	141	2.93	90.07	33.35	5.22	44.09
AV	5.352G	44.72	54.00	-9.28	-5.56	3	Vertical	141	2.93	50.28	33.30	5.24	44.10
PK	5.117G	53.92	74.00	-20.08	-5.42	3	Vertical	141	2.93	59.34	33.50	5.15	44.07
PK	5.278G	95.29	Inf	-Inf	-5.48	3	Vertical	141	2.93	100.77	33.39	5.22	44.09
PK	5.367G	58.76	74.00	-15.24	-5.58	3	Vertical	141	2.93	64.34	33.27	5.25	44.10
PK	5.504G	53.79	68.20	-14.41	-5.38	3	Vertical	141	2.93	59.17	33.41	5.33	44.12

5.25-5.35GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

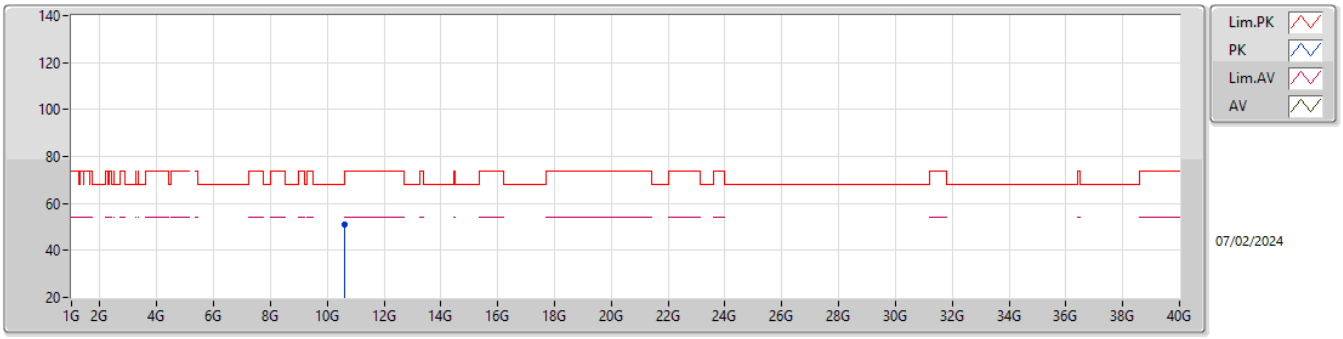
5290MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.132G	41.27	54.00	-12.73	-5.42	3	Horizontal	299	1.00	46.69	33.50	5.16	44.08
AV	5.293G	89.99	Inf	-Inf	-5.55	3	Horizontal	299	1.00	95.54	33.33	5.22	44.10
AV	5.35G	51.74	54.00	-2.26	-5.56	3	Horizontal	299	1.00	57.30	33.30	5.24	44.10
PK	5.042G	54.34	74.00	-19.66	-5.42	3	Horizontal	299	1.00	59.76	33.53	5.12	44.07
PK	5.277G	100.19	Inf	-Inf	-5.48	3	Horizontal	299	1.00	105.67	33.39	5.22	44.09
PK	5.354G	66.31	74.00	-7.69	-5.57	3	Horizontal	299	1.00	71.88	33.29	5.24	44.10
PK	5.489G	54.48	68.20	-13.72	-5.42	3	Horizontal	299	1.00	59.90	33.38	5.32	44.12

5.25-5.35GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

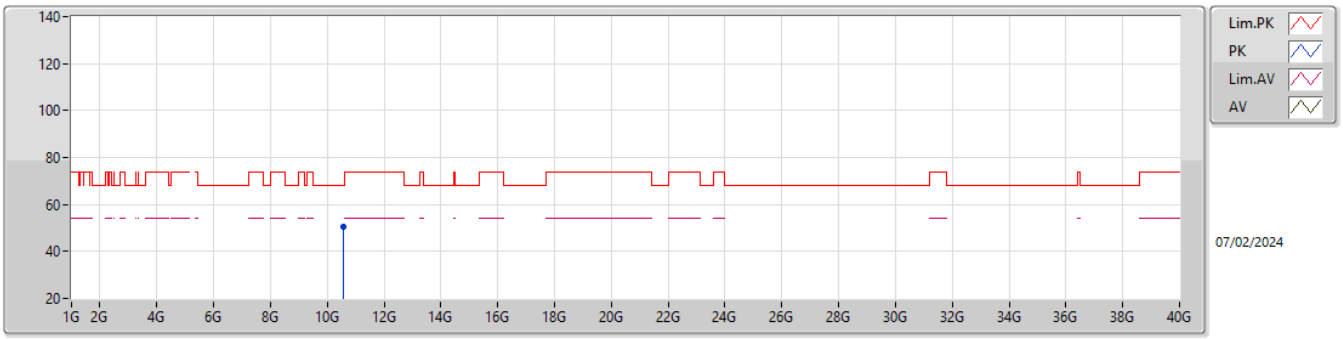
5290MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	10.6184G	51.10	74.00	-22.90	5.14	3	Vertical	54	1.06	45.96	39.04	8.15	42.05

5.25-5.35GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

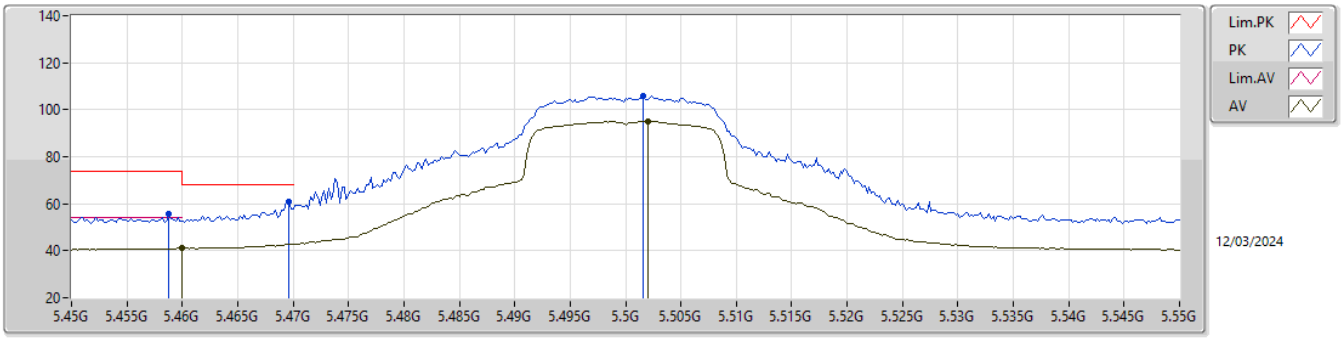
5290MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	10.56512G	50.53	68.20	-17.67	4.96	3	Horizontal	211	1.44	45.57	38.86	8.13	42.03

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

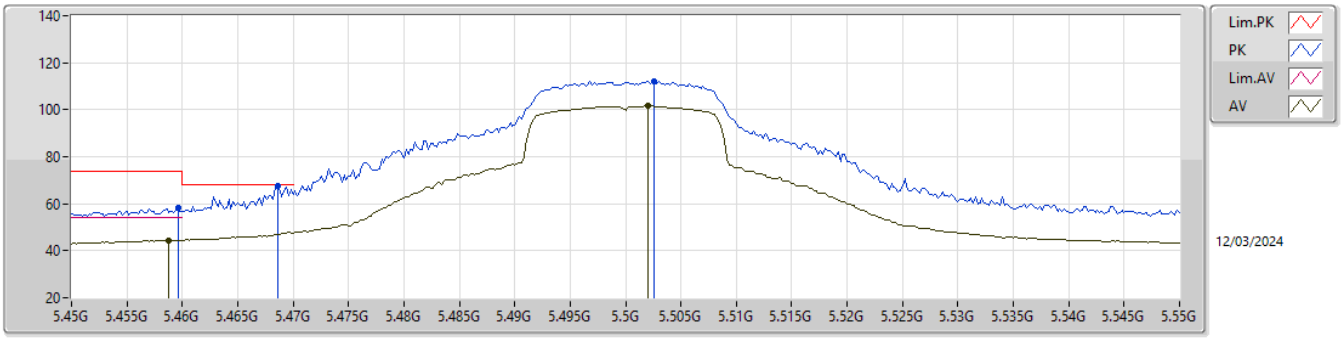
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.46G	41.09	54.00	-12.91	-5.50	3	Vertical	133	3.00	46.59	33.32	5.30	44.12
AV	5.502G	95.13	Inf	-Inf	-5.39	3	Vertical	133	3.00	100.52	33.40	5.33	44.12
PK	5.4588G	55.53	74.00	-18.47	-5.50	3	Vertical	133	3.00	61.03	33.32	5.30	44.12
PK	5.4696G	60.67	68.20	-7.53	-5.47	3	Vertical	133	3.00	66.14	33.34	5.31	44.12
PK	5.5016G	106.03	Inf	-Inf	-5.39	3	Vertical	133	3.00	111.42	33.40	5.33	44.12

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

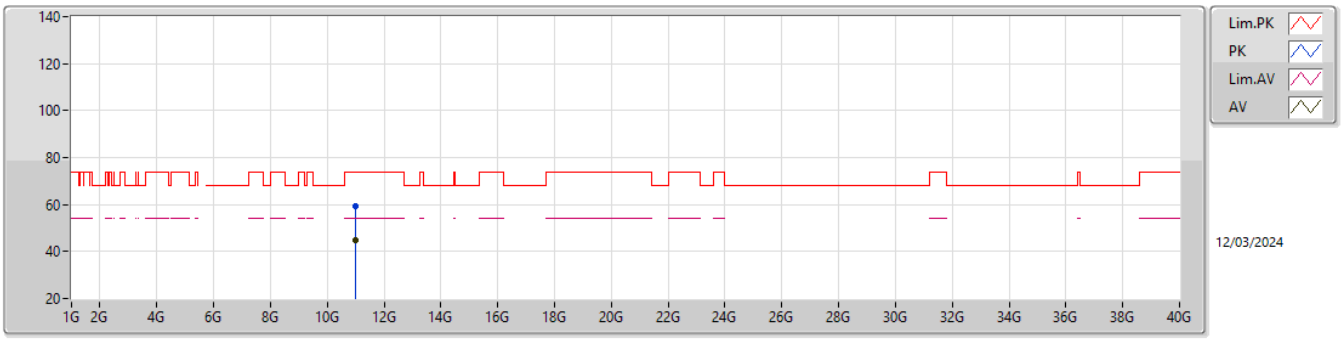
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.4588G	44.43	54.00	-9.57	-5.50	3	Horizontal	296	1.07	49.93	33.32	5.30	44.12
AV	5.502G	101.72	Inf	-Inf	-5.39	3	Horizontal	296	1.07	107.11	33.40	5.33	44.12
PK	5.4596G	58.38	74.00	-15.62	-5.50	3	Horizontal	296	1.07	63.88	33.32	5.30	44.12
PK	5.4686G	67.60	68.20	-0.60	-5.48	3	Horizontal	296	1.07	73.08	33.34	5.30	44.12
PK	5.5026G	112.11	Inf	-Inf	-5.38	3	Horizontal	296	1.07	117.49	33.41	5.33	44.12

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

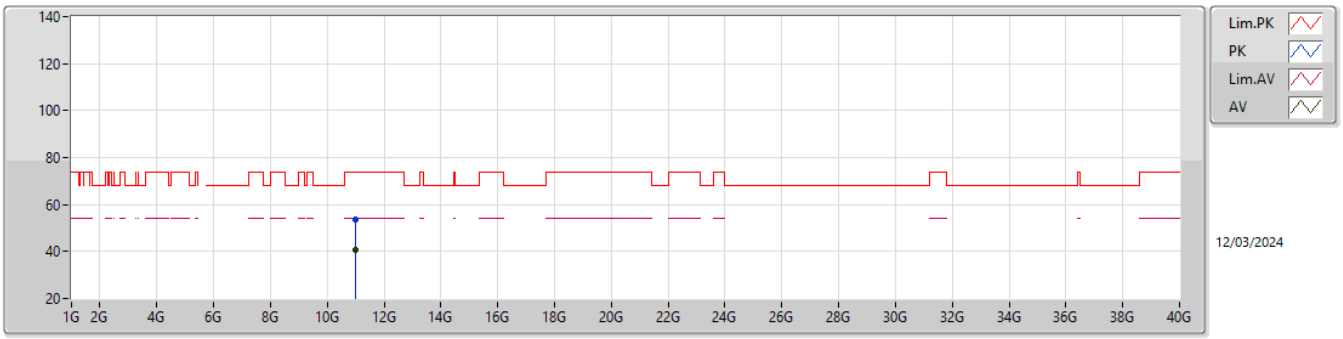
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	11G	44.89	54.00	-9.11	4.89	3	Vertical	108	1.06	40.00	38.80	8.27	42.18
PK	10.9958G	59.22	74.00	-14.78	4.90	3	Vertical	108	1.06	54.32	38.82	8.26	42.18

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

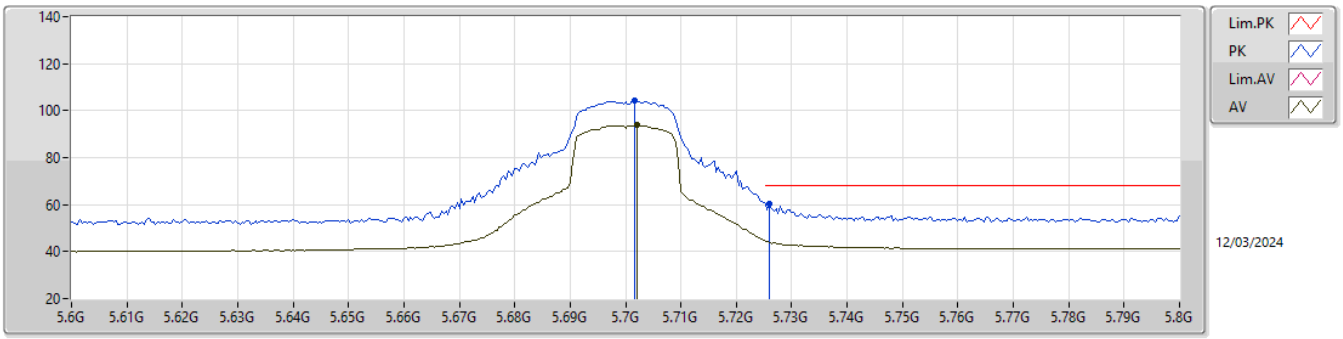
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	10.9997G	40.88	54.00	-13.12	4.88	3	Horizontal	48	2.17	36.00	38.80	8.26	42.18
PK	10.9961G	53.54	74.00	-20.46	4.90	3	Horizontal	48	2.17	48.64	38.82	8.26	42.18

5.47-5.725GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

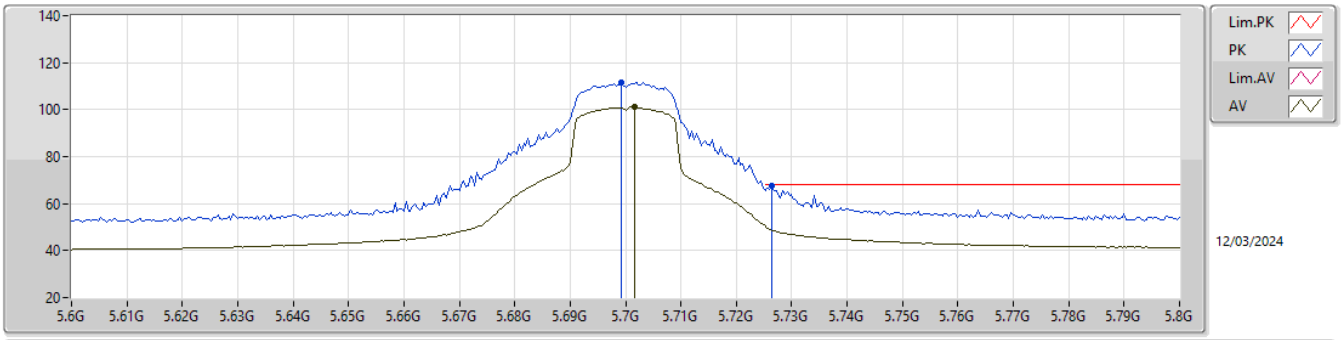
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.702G	93.74	Inf	-Inf	-4.87	3	Vertical	130	2.96	98.61	33.82	5.45	44.14
PK	5.7016G	104.17	Inf	-Inf	-4.87	3	Vertical	130	2.96	109.04	33.82	5.45	44.14
PK	5.726G	60.52	68.20	-7.68	-4.63	3	Vertical	130	2.96	65.15	34.06	5.46	44.15

5.47-5.725GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

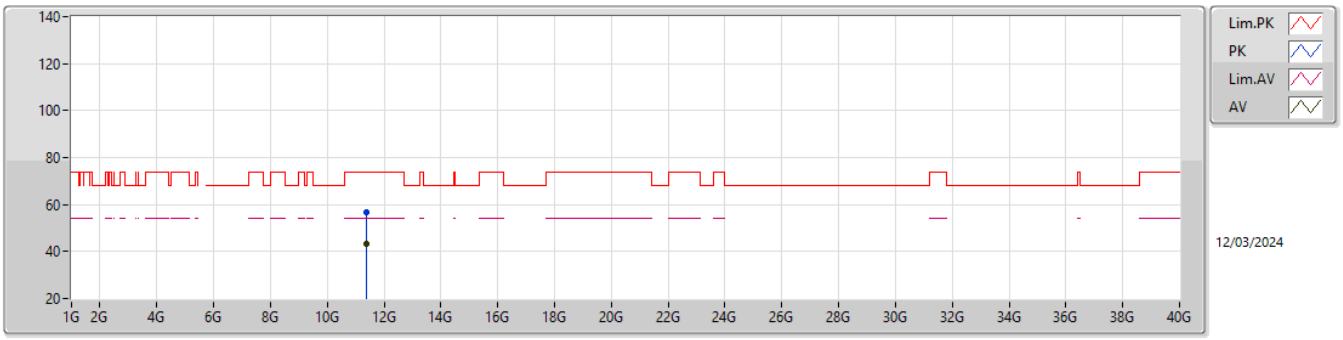
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.7016G	101.04	Inf	-Inf	-4.87	3	Horizontal	296	1.10	105.91	33.82	5.45	44.14
PK	5.6992G	111.51	Inf	-Inf	-4.90	3	Horizontal	296	1.10	116.41	33.80	5.44	44.14
PK	5.7264G	67.69	68.20	-0.51	-4.63	3	Horizontal	296	1.10	72.32	34.06	5.46	44.15

5.47-5.725GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

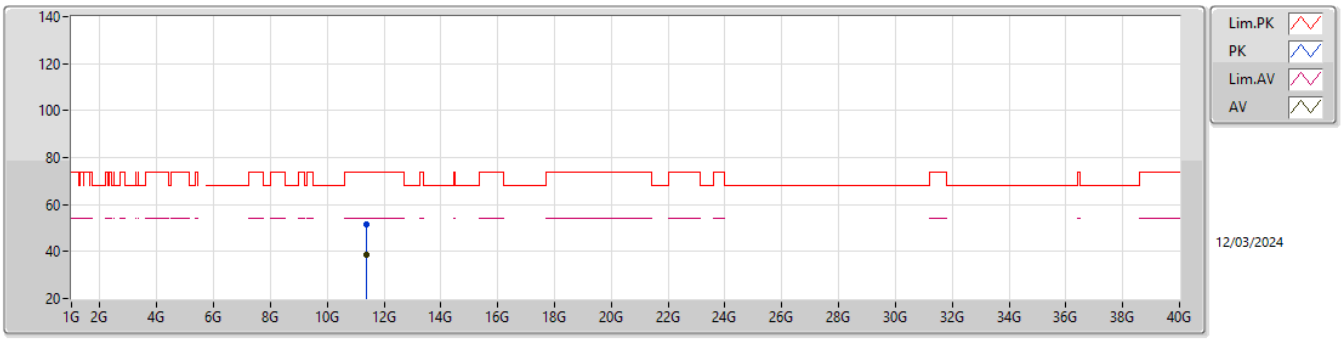
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	11.4G	43.02	54.00	-10.98	5.82	3	Vertical	118	1.05	37.20	39.40	8.39	41.97
PK	11.4004G	56.58	74.00	-17.42	5.82	3	Vertical	118	1.05	50.76	39.40	8.39	41.97

5.47-5.725GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

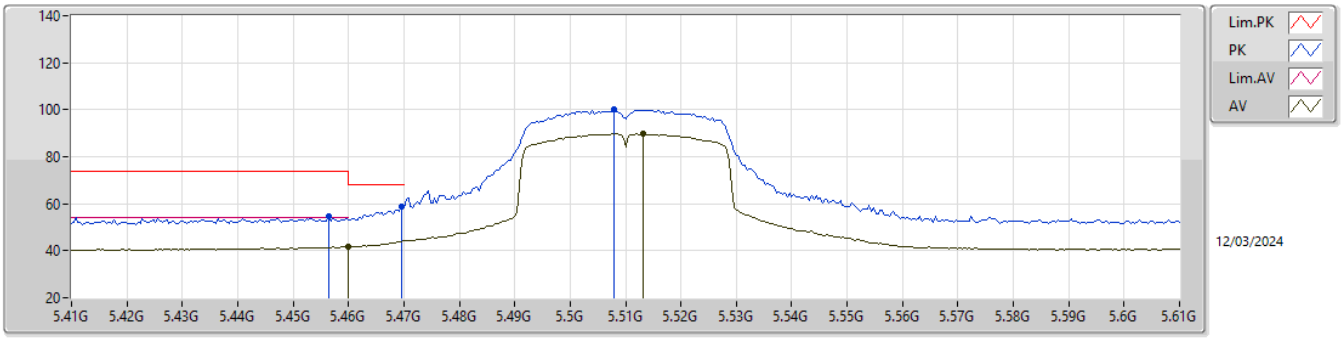
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	11.401G	38.44	54.00	-15.56	5.81	3	Horizontal	42	1.28	32.63	39.39	8.39	41.97
PK	11.3981G	51.40	74.00	-22.60	5.82	3	Horizontal	42	1.28	45.58	39.40	8.39	41.97

5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

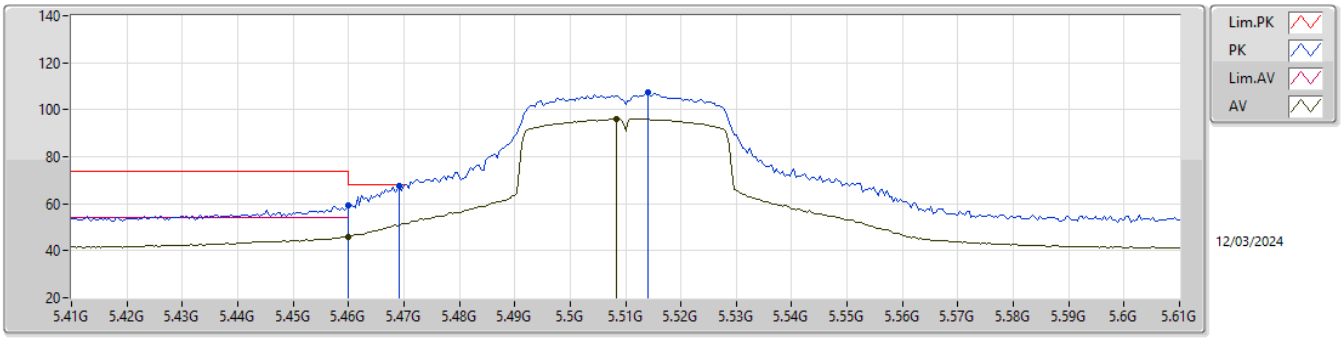
5510MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.46G	41.80	54.00	-12.20	-5.50	3	Vertical	131	2.97	47.30	33.32	5.30	44.12
AV	5.5132G	89.65	Inf	-Inf	-5.36	3	Vertical	131	2.97	95.01	33.43	5.33	44.12
PK	5.4564G	54.59	74.00	-19.41	-5.50	3	Vertical	131	2.97	60.09	33.31	5.30	44.11
PK	5.4696G	58.85	68.20	-9.35	-5.47	3	Vertical	131	2.97	64.32	33.34	5.31	44.12
PK	5.508G	100.15	Inf	-Inf	-5.37	3	Vertical	131	2.97	105.52	33.42	5.33	44.12

5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

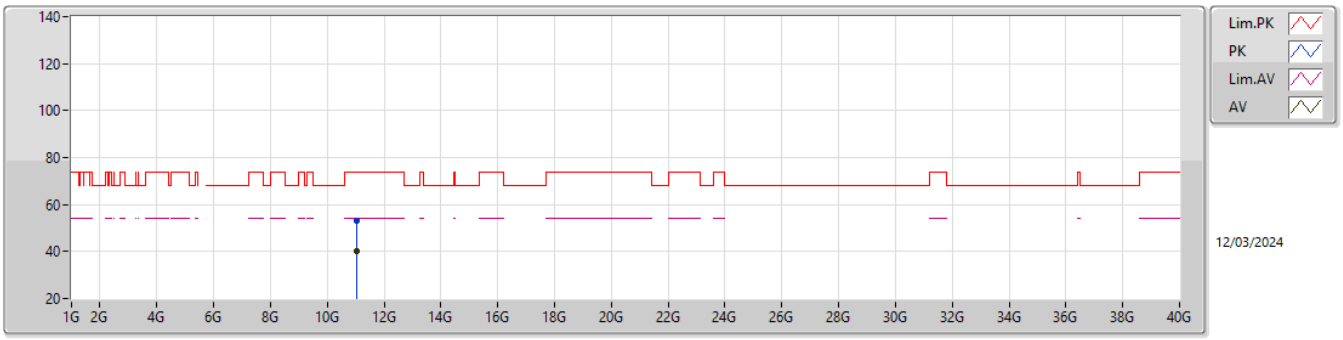
5510MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.46G	45.99	54.00	-8.01	-5.50	3	Horizontal	300	1.00	51.49	33.32	5.30	44.12
AV	5.5084G	96.10	Inf	-Inf	-5.37	3	Horizontal	300	1.00	101.47	33.42	5.33	44.12
PK	5.46G	59.09	74.00	-14.91	-5.50	3	Horizontal	300	1.00	64.59	33.32	5.30	44.12
PK	5.4692G	67.76	68.20	-0.44	-5.48	3	Horizontal	300	1.00	73.24	33.34	5.30	44.12
PK	5.514G	107.61	Inf	-Inf	-5.36	3	Horizontal	300	1.00	112.97	33.43	5.33	44.12

5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

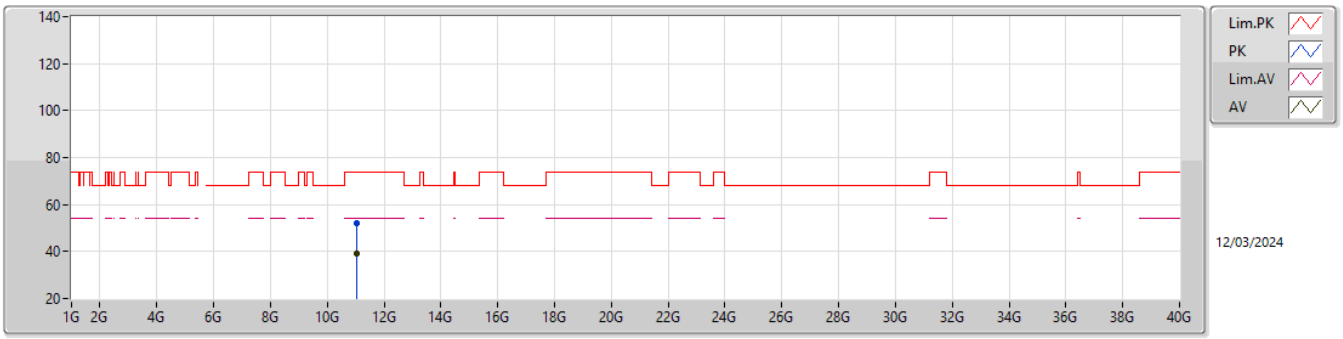
5510MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	11.0288G	40.25	54.00	-13.75	4.96	3	Vertical	299	1.02	35.29	38.86	8.27	42.17
PK	11.0192G	53.33	74.00	-20.67	4.94	3	Vertical	299	1.02	48.39	38.84	8.27	42.17

5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

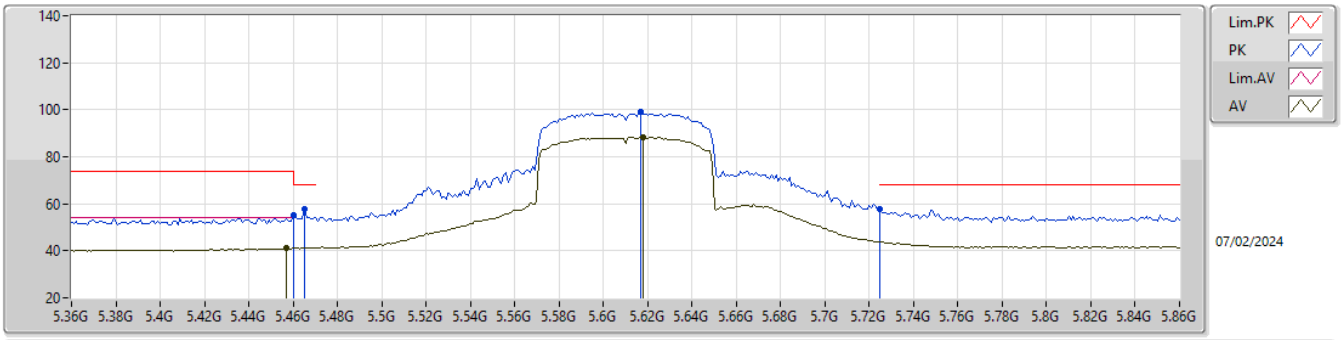
5510MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	11.0277G	39.19	54.00	-14.81	4.96	3	Horizontal	176	2.78	34.23	38.86	8.27	42.17
PK	11.0296G	51.88	74.00	-22.12	4.97	3	Horizontal	176	2.78	46.91	38.86	8.27	42.16

5.47-5.725GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

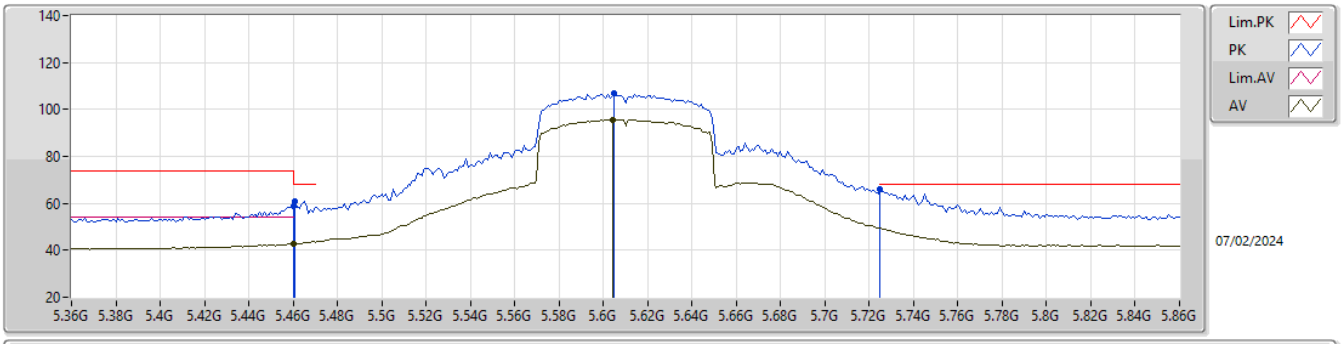
5610MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.457G	41.04	54.00	-12.96	-5.50	3	Vertical	143	2.90	46.54	33.31	5.30	44.11
AV	5.618G	88.27	Inf	-Inf	-5.29	3	Vertical	143	2.90	93.56	33.44	5.40	44.13
PK	5.46G	54.93	74.00	-19.07	-5.50	3	Vertical	143	2.90	60.43	33.32	5.30	44.12
PK	5.465G	57.63	68.20	-10.57	-5.49	3	Vertical	143	2.90	63.12	33.33	5.30	44.12
PK	5.617G	99.16	Inf	-Inf	-5.30	3	Vertical	143	2.90	104.46	33.43	5.40	44.13
PK	5.725G	57.62	68.20	-10.58	-4.64	3	Vertical	143	2.90	62.26	34.05	5.46	44.15

5.47-5.725GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

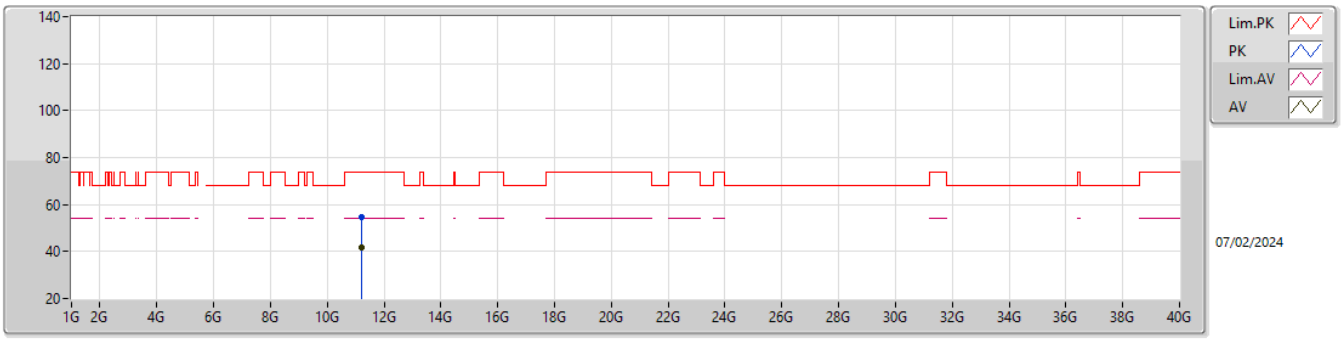
5610MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.46G	42.75	54.00	-11.25	-5.50	3	Horizontal	294	1.04	48.25	33.32	5.30	44.12
AV	5.604G	95.59	Inf	-Inf	-5.33	3	Horizontal	294	1.04	100.92	33.41	5.39	44.13
PK	5.46G	58.79	74.00	-15.21	-5.50	3	Horizontal	294	1.04	64.29	33.32	5.30	44.12
PK	5.461G	60.86	68.20	-7.34	-5.50	3	Horizontal	294	1.04	66.36	33.32	5.30	44.12
PK	5.605G	106.94	Inf	-Inf	-5.33	3	Horizontal	294	1.04	112.27	33.41	5.39	44.13
PK	5.725G	66.09	68.20	-2.11	-4.64	3	Horizontal	294	1.04	70.73	34.05	5.46	44.15

5.47-5.725GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

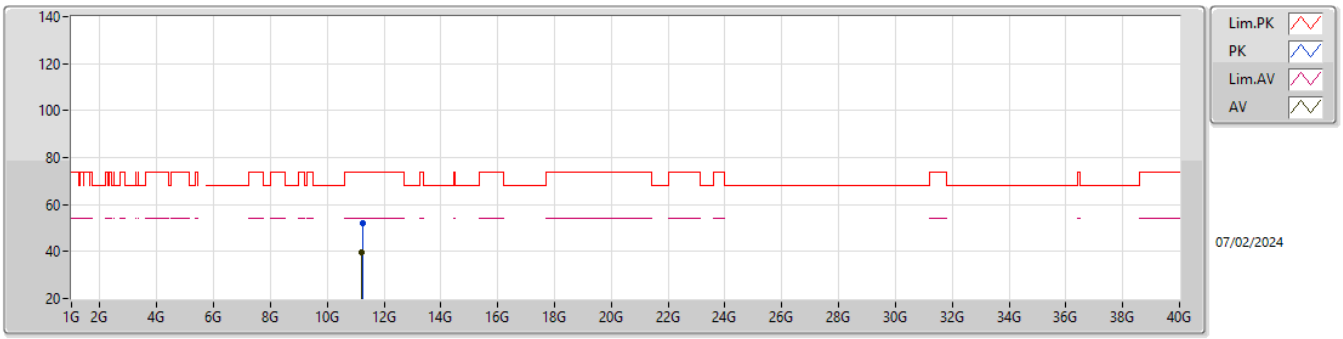
5610MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	11.2208G	41.55	54.00	-12.45	5.30	3	Vertical	61	1.05	36.25	39.04	8.33	42.07
PK	11.22816G	54.87	74.00	-19.13	5.33	3	Vertical	61	1.05	49.54	39.06	8.33	42.06

5.47-5.725GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

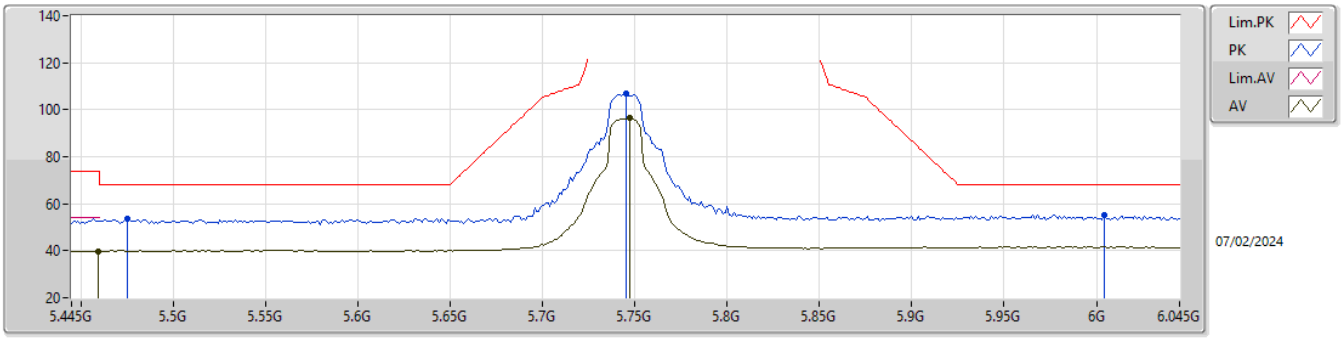
5610MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	11.22112G	39.87	54.00	-14.13	5.30	3	Horizontal	51	2.23	34.57	39.04	8.33	42.07
PK	11.2344G	52.21	74.00	-21.79	5.35	3	Horizontal	51	2.23	46.86	39.07	8.34	42.06

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

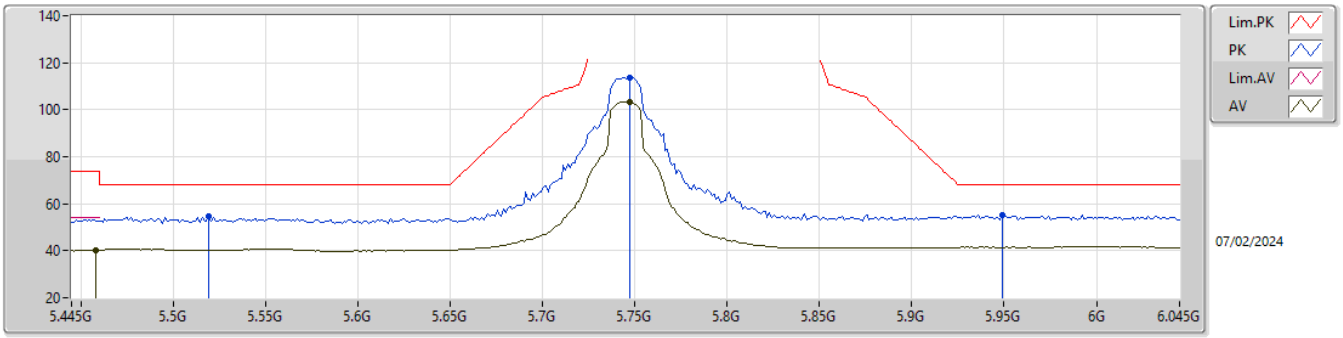
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.4594G	39.90	54.00	-14.10	-5.50	3	Vertical	139	2.90	45.40	33.32	5.30	44.12
AV	5.7474G	96.53	Inf	-Inf	-4.41	3	Vertical	139	2.90	100.94	34.27	5.47	44.15
PK	5.475G	53.83	68.20	-14.37	-5.46	3	Vertical	139	2.90	59.29	33.35	5.31	44.12
PK	5.745G	107.09	Inf	-Inf	-4.43	3	Vertical	139	2.90	111.52	34.25	5.47	44.15
PK	6.0042G	55.19	68.20	-13.01	-4.03	3	Vertical	139	2.90	59.22	34.58	5.57	44.18

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

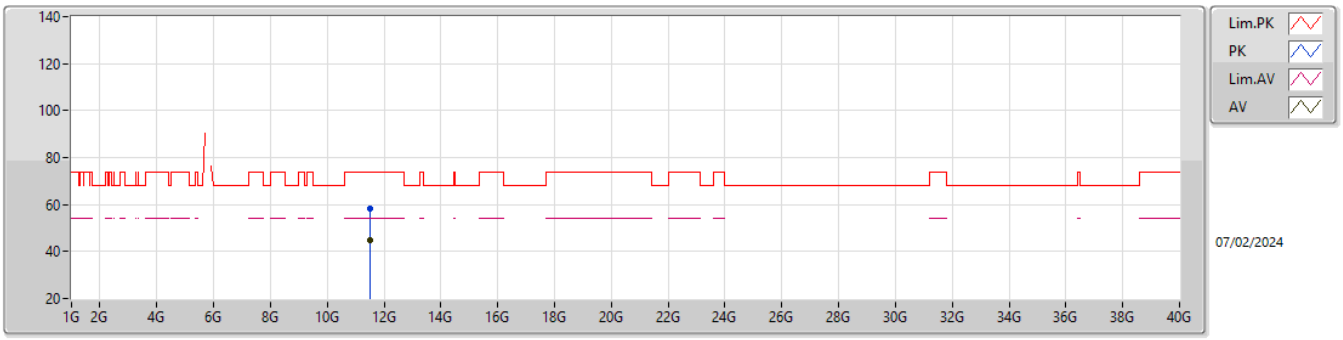
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.4582G	40.31	54.00	-13.69	-5.49	3	Horizontal	296	1.02	45.80	33.32	5.30	44.11
AV	5.7474G	103.50	Inf	-Inf	-4.41	3	Horizontal	296	1.02	107.91	34.27	5.47	44.15
PK	5.5194G	54.48	68.20	-13.72	-5.34	3	Horizontal	296	1.02	59.82	33.44	5.34	44.12
PK	5.7474G	113.78	Inf	-Inf	-4.41	3	Horizontal	296	1.02	118.19	34.27	5.47	44.15
PK	5.949G	55.26	68.20	-12.94	-4.02	3	Horizontal	296	1.02	59.28	34.60	5.55	44.17

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

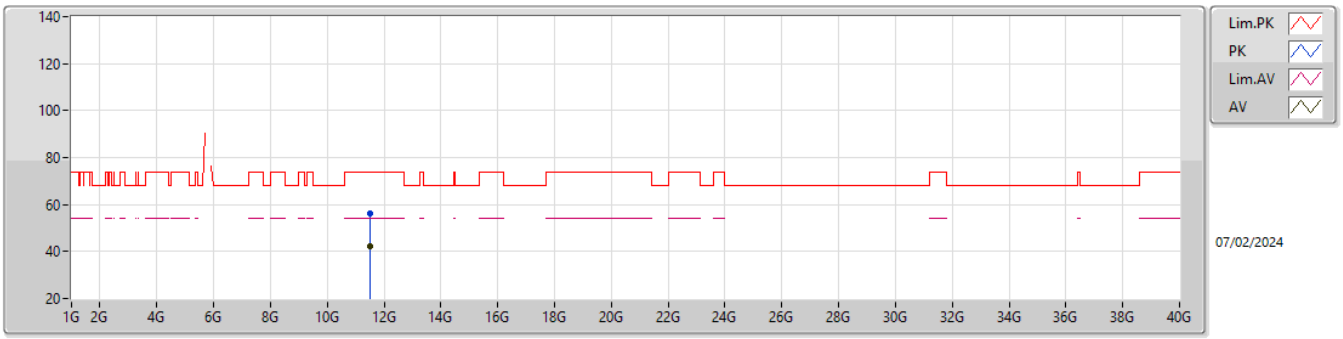
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	11.48992G	44.76	54.00	-9.24	5.58	3	Vertical	62	1.08	39.18	39.10	8.41	41.93
PK	11.48868G	58.34	74.00	-15.66	5.58	3	Vertical	62	1.08	52.76	39.10	8.41	41.93

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

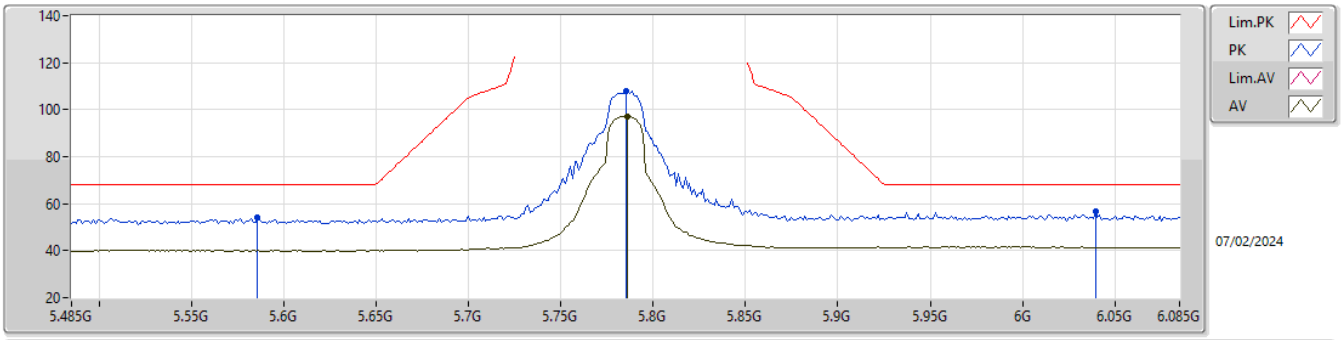
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	11.49044G	42.03	54.00	-11.97	5.59	3	Horizontal	222	1.00	36.44	39.10	8.41	41.92
PK	11.4912G	56.01	74.00	-17.99	5.59	3	Horizontal	222	1.00	50.42	39.10	8.41	41.92

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

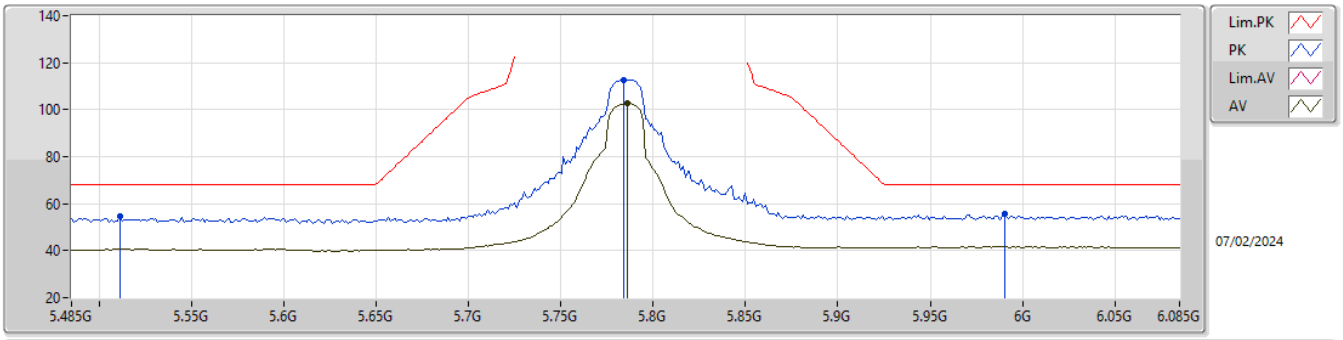
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.7862G	97.22	Inf	-Inf	-4.22	3	Vertical	138	3.00	101.44	34.44	5.49	44.15
PK	5.5858G	54.04	68.20	-14.16	-5.32	3	Vertical	138	3.00	59.36	33.43	5.38	44.13
PK	5.785G	108.08	Inf	-Inf	-4.22	3	Vertical	138	3.00	112.30	34.44	5.49	44.15
PK	6.0394G	56.66	68.20	-11.54	-4.15	3	Vertical	138	3.00	60.81	34.44	5.59	44.18

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

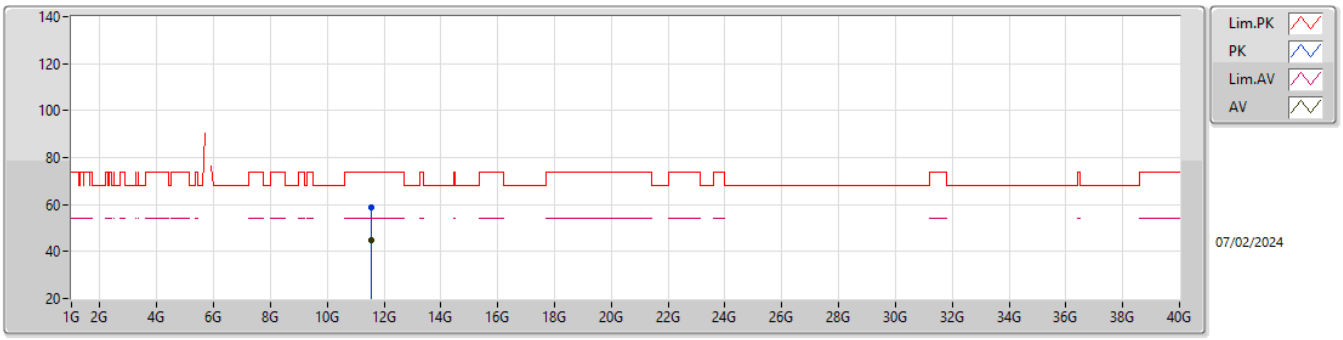
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.7862G	102.76	Inf	-Inf	-4.22	3	Horizontal	290	1.03	106.98	34.44	5.49	44.15
PK	5.5114G	54.75	68.20	-13.45	-5.37	3	Horizontal	290	1.03	60.12	33.42	5.33	44.12
PK	5.7838G	112.82	Inf	-Inf	-4.22	3	Horizontal	290	1.03	117.04	34.44	5.49	44.15
PK	5.9902G	55.64	68.20	-12.56	-4.01	3	Horizontal	290	1.03	59.65	34.60	5.57	44.18

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

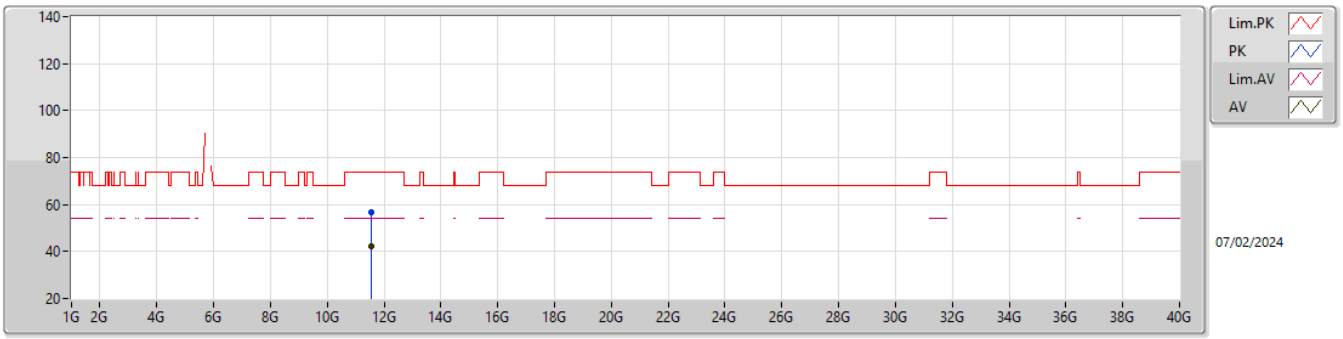
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	11.57012G	44.79	54.00	-9.21	5.47	3	Vertical	245	1.16	39.32	38.98	8.44	41.95
PK	11.5712G	58.73	74.00	-15.27	5.46	3	Vertical	245	1.16	53.27	38.97	8.44	41.95

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

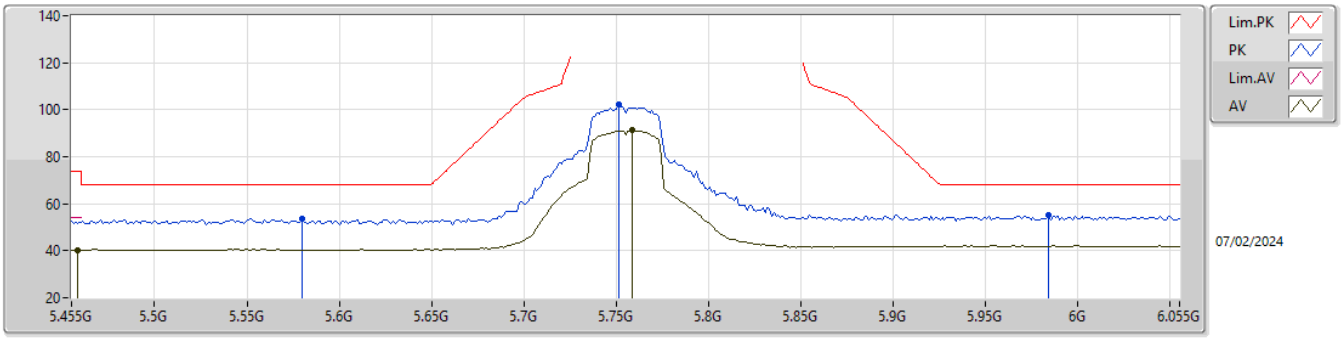
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	11.57104G	42.34	54.00	-11.66	5.46	3	Horizontal	195	2.43	36.88	38.97	8.44	41.95
PK	11.56692G	56.51	74.00	-17.49	5.49	3	Horizontal	195	2.43	51.02	39.00	8.44	41.95

5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

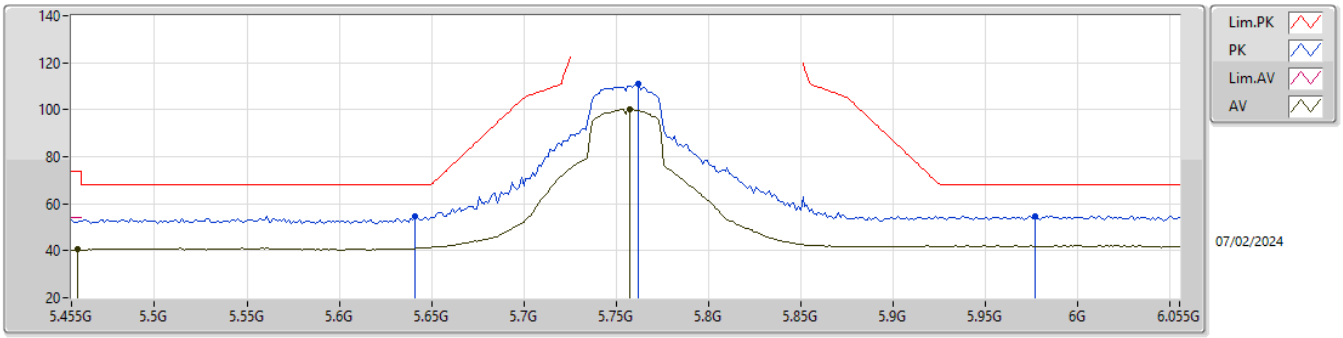
5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.4586G	40.25	54.00	-13.75	-5.50	3	Vertical	148	2.91	45.75	33.32	5.30	44.12
AV	5.7586G	91.15	Inf	-Inf	-4.34	3	Vertical	148	2.91	95.49	34.33	5.48	44.15
PK	5.5798G	53.71	68.20	-14.49	-5.31	3	Vertical	148	2.91	59.02	33.44	5.38	44.13
PK	5.7514G	102.29	Inf	-Inf	-4.37	3	Vertical	148	2.91	106.66	34.31	5.47	44.15
PK	5.9842G	55.43	68.20	-12.77	-4.02	3	Vertical	148	2.91	59.45	34.60	5.56	44.18

5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

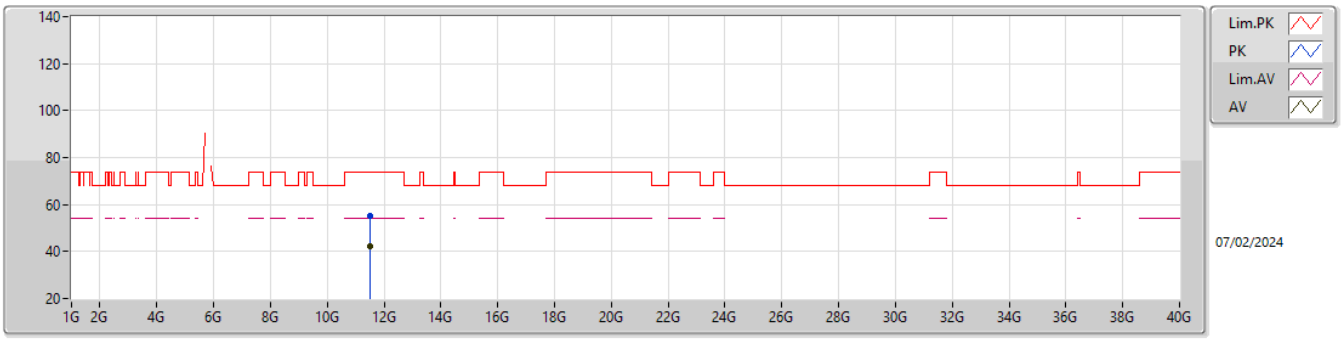
5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.4586G	40.46	54.00	-13.54	-5.50	3	Horizontal	284	1.00	45.96	33.32	5.30	44.12
AV	5.7574G	100.17	Inf	-Inf	-4.34	3	Horizontal	284	1.00	104.51	34.33	5.48	44.15
PK	5.641G	54.55	68.20	-13.65	-5.25	3	Horizontal	284	1.00	59.80	33.48	5.41	44.14
PK	5.7622G	111.00	Inf	-Inf	-4.32	3	Horizontal	284	1.00	115.32	34.35	5.48	44.15
PK	5.977G	54.91	68.20	-13.29	-4.02	3	Horizontal	284	1.00	58.93	34.60	5.56	44.18

5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

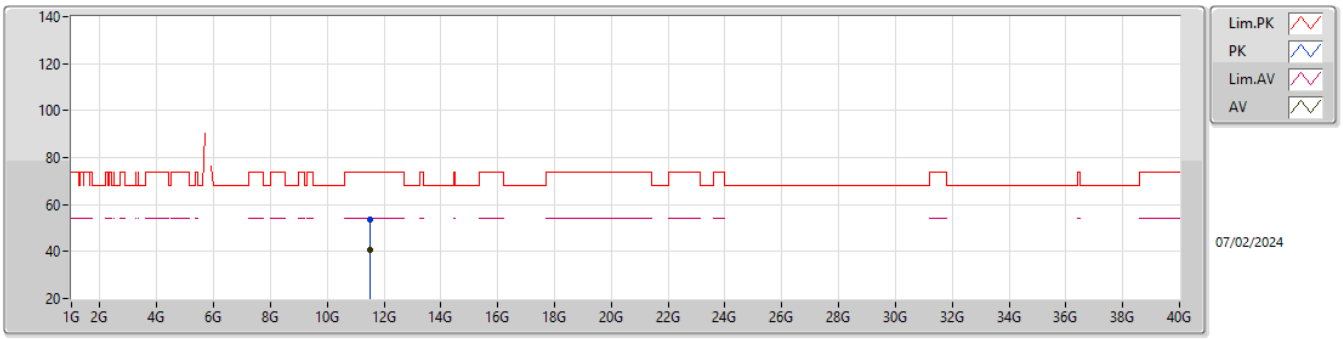
5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	11.50984G	42.12	54.00	-11.88	5.60	3	Vertical	62	1.15	36.52	39.10	8.42	41.92
PK	11.51088G	55.10	74.00	-18.90	5.60	3	Vertical	62	1.15	49.50	39.10	8.42	41.92

5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

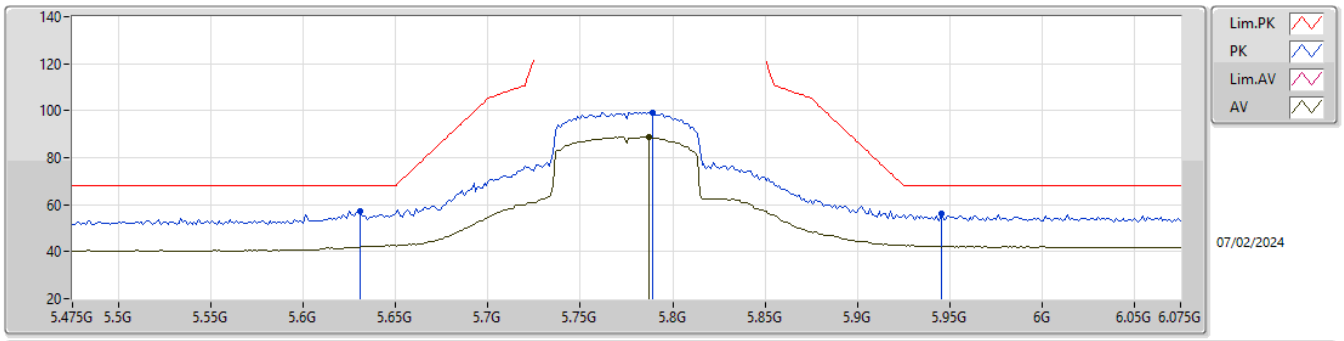
5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	11.50968G	40.61	54.00	-13.39	5.60	3	Horizontal	218	2.10	35.01	39.10	8.42	41.92
PK	11.51304G	53.78	74.00	-20.22	5.59	3	Horizontal	218	2.10	48.19	39.10	8.42	41.93

5.725-5.85GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

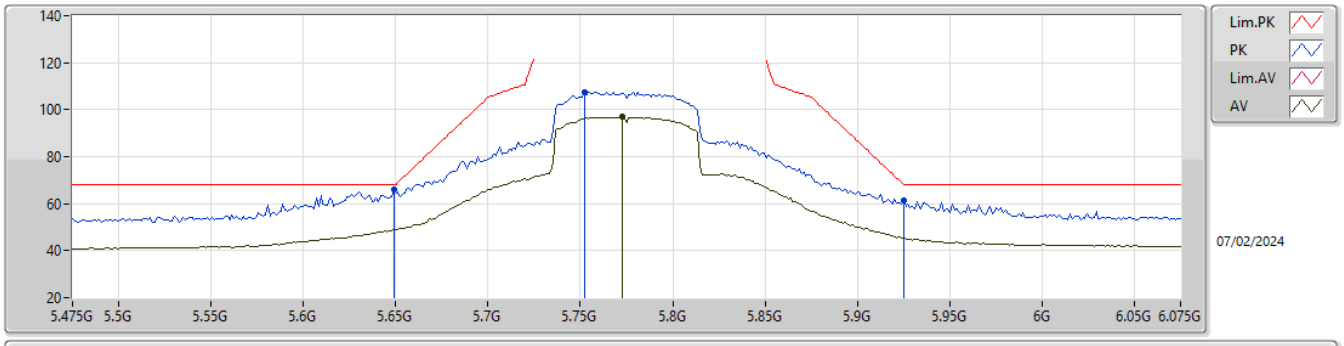
5775MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.787G	88.70	Inf	-Inf	-4.21	3	Vertical	147	2.89	92.91	34.45	5.49	44.15
PK	5.631G	57.17	68.20	-11.03	-5.27	3	Vertical	147	2.89	62.44	33.46	5.41	44.14
PK	5.7894G	99.31	Inf	-Inf	-4.20	3	Vertical	147	2.89	103.51	34.46	5.49	44.15
PK	5.9454G	56.38	68.20	-11.82	-4.02	3	Vertical	147	2.89	60.40	34.60	5.55	44.17

5.725-5.85GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

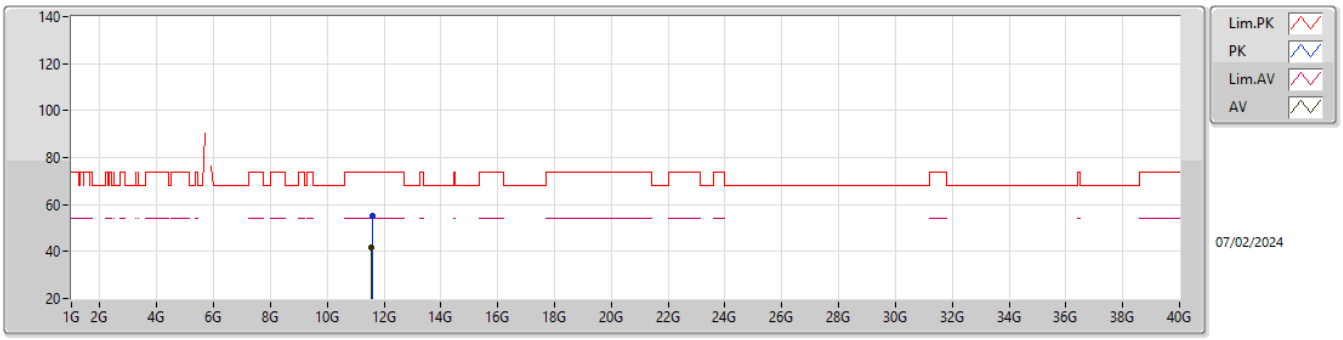
5775MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.7726G	96.87	Inf	-Inf	-4.28	3	Horizontal	293	1.00	101.15	34.39	5.48	44.15
PK	5.649G	65.82	68.20	-2.38	-5.22	3	Horizontal	293	1.00	71.04	33.50	5.42	44.14
PK	5.7522G	107.60	Inf	-Inf	-4.37	3	Horizontal	293	1.00	111.97	34.31	5.47	44.15
PK	5.925G	61.32	68.20	-6.88	-4.03	3	Horizontal	293	1.00	65.35	34.60	5.54	44.17

5.725-5.85GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

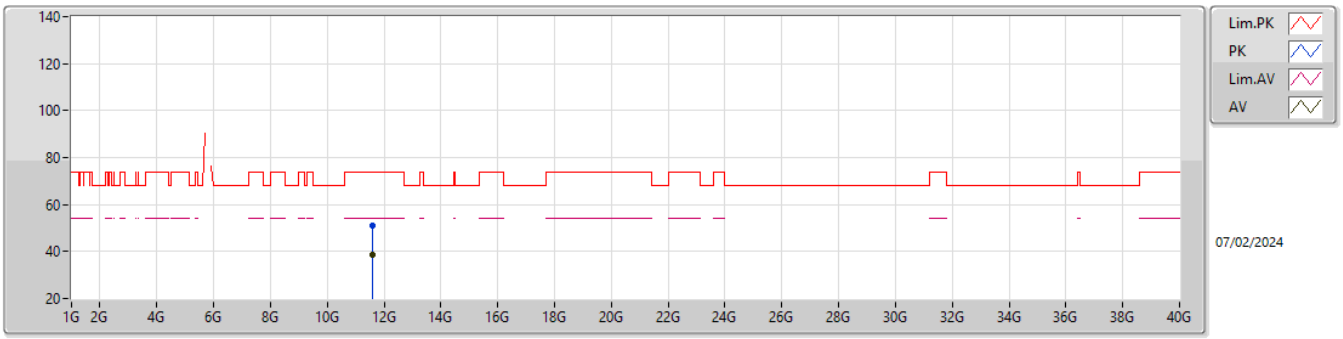
5775MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	11.54104G	41.70	54.00	-12.30	5.59	3	Vertical	246	1.01	36.11	39.10	8.43	41.94
PK	11.57336G	55.04	74.00	-18.96	5.45	3	Vertical	246	1.01	49.59	38.96	8.44	41.95

5.725-5.85GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

5775MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	11.57304G	38.63	54.00	-15.37	5.45	3	Horizontal	345	2.67	33.18	38.96	8.44	41.95
PK	11.58072G	50.88	74.00	-23.12	5.41	3	Horizontal	345	2.67	45.47	38.92	8.44	41.95

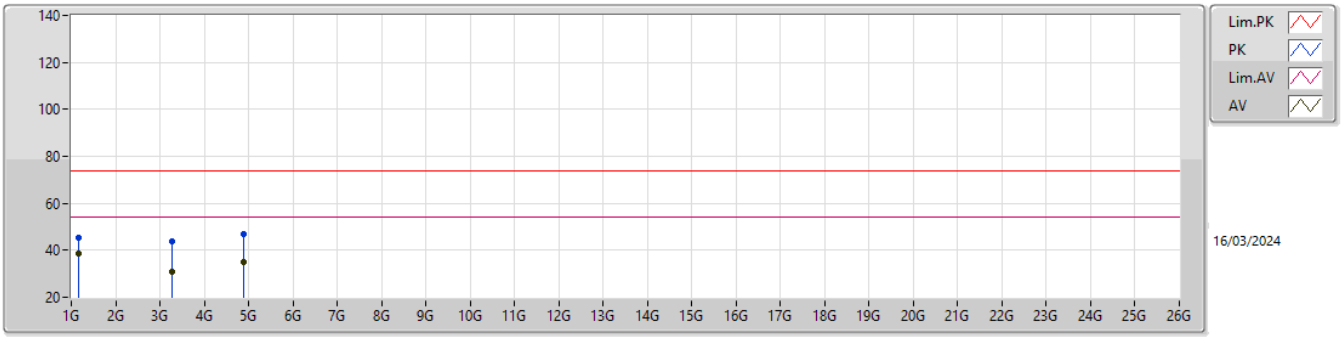
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	1.17615G	39.66	54.00	-14.34	Horizontal
Mode 2	Pass	AV	1.17617G	40.11	54.00	-13.89	Horizontal

Result

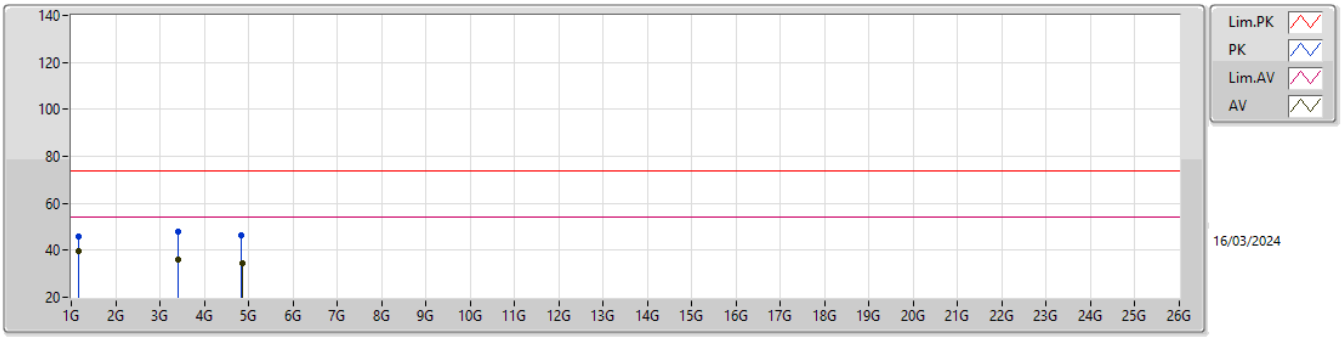
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Mode 1	Pass	AV	1.17614G	38.66	54.00	-15.34	3	Vertical	0	2.54
Mode 1	Pass	AV	3.27042G	31.06	54.00	-22.94	3	Vertical	201	1.03
Mode 1	Pass	AV	4.87756G	34.94	54.00	-19.06	3	Vertical	240	1.50
Mode 1	Pass	PK	1.17572G	45.42	74.00	-28.58	3	Vertical	0	2.54
Mode 1	Pass	PK	3.2607G	43.73	74.00	-30.27	3	Vertical	201	1.03
Mode 1	Pass	PK	4.876G	46.91	74.00	-27.09	3	Vertical	240	1.50
Mode 1	Pass	AV	1.17615G	39.66	54.00	-14.34	3	Horizontal	53	2.12
Mode 1	Pass	AV	3.39636G	35.86	54.00	-18.14	3	Horizontal	290	1.06
Mode 1	Pass	AV	4.8589G	34.39	54.00	-19.61	3	Horizontal	230	1.50
Mode 1	Pass	PK	1.17558G	45.99	74.00	-28.01	3	Horizontal	53	2.12
Mode 1	Pass	PK	3.39617G	48.05	74.00	-25.95	3	Horizontal	290	1.06
Mode 1	Pass	PK	4.84081G	46.35	74.00	-27.65	3	Horizontal	230	1.50
Mode 2	Pass	AV	1.17613G	38.36	54.00	-15.64	3	Vertical	137	2.53
Mode 2	Pass	AV	1.92859G	26.86	68.20	-41.34	3	Vertical	88	1.43
Mode 2	Pass	AV	4.83718G	33.88	54.00	-20.12	3	Vertical	276	1.50
Mode 2	Pass	PK	1.17594G	45.21	74.00	-28.79	3	Vertical	137	2.53
Mode 2	Pass	PK	1.93842G	38.28	68.20	-29.92	3	Vertical	88	1.43
Mode 2	Pass	PK	4.8354G	46.03	74.00	-27.97	3	Vertical	276	1.50
Mode 2	Pass	AV	1.17617G	40.11	54.00	-13.89	3	Horizontal	55	2.14
Mode 2	Pass	AV	1.62508G	25.96	54.00	-28.04	3	Horizontal	16	2.75
Mode 2	Pass	AV	3.47355G	30.16	68.20	-38.04	3	Horizontal	148	2.64
Mode 2	Pass	PK	1.17599G	46.54	74.00	-27.46	3	Horizontal	55	2.14
Mode 2	Pass	PK	1.62508G	37.11	74.00	-36.89	3	Horizontal	16	2.75
Mode 2	Pass	PK	3.47376G	41.83	68.20	-26.37	3	Horizontal	148	2.64

Radiated Emissions above 1GHz_Mode 1



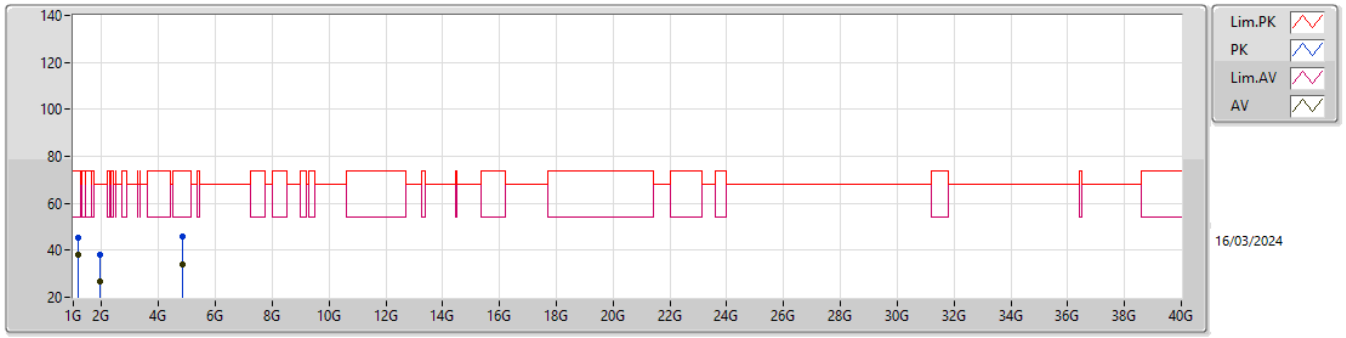
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)	(dBuV/m)	(dB/m)	(dB)	(dB)
AV	1.17614G	38.66	54.00	-15.34	-4.50	3	Vertical	0	2.54	43.16	25.94	3.66	34.10
AV	3.27042G	31.06	54.00	-22.94	2.10	3	Vertical	201	1.03	28.96	29.62	6.54	34.06
AV	4.87756G	34.94	54.00	-19.06	6.44	3	Vertical	240	1.50	28.50	32.47	7.97	34.00
PK	1.17572G	45.42	74.00	-28.58	-4.50	3	Vertical	0	2.54	49.92	25.94	3.66	34.10
PK	3.2607G	43.73	74.00	-30.27	2.14	3	Vertical	201	1.03	41.59	29.66	6.54	34.06
PK	4.876G	46.91	74.00	-27.09	6.43	3	Vertical	240	1.50	40.48	32.46	7.97	34.00

Radiated Emissions above 1GHz_Mode 1



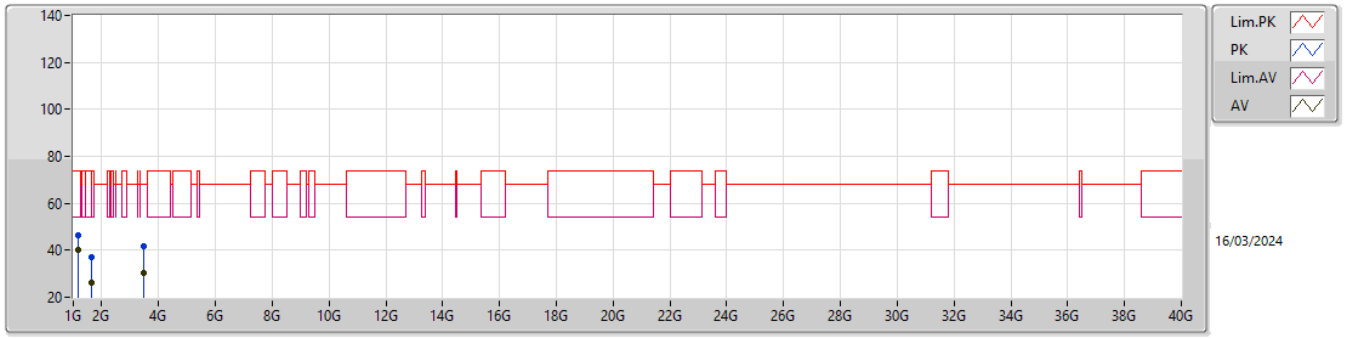
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)	(dBuV/m)	(dB/m)	(dB)	(dB)
AV	1.17615G	39.66	54.00	-14.34	-4.50	3	Horizontal	53	2.12	44.16	25.94	3.66	34.10
AV	3.39636G	35.86	54.00	-18.14	1.97	3	Horizontal	290	1.06	33.89	29.49	6.56	34.08
AV	4.8589G	34.39	54.00	-19.61	6.31	3	Horizontal	230	1.50	28.08	32.35	7.97	34.01
PK	1.17558G	45.99	74.00	-28.01	-4.50	3	Horizontal	53	2.12	50.49	25.94	3.66	34.10
PK	3.39617G	48.05	74.00	-25.95	1.97	3	Horizontal	290	1.06	46.08	29.49	6.56	34.08
PK	4.84081G	46.35	74.00	-27.65	6.19	3	Horizontal	230	1.50	40.16	32.24	7.96	34.01

Radiated Emissions above 1GHz_Mode 2



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)	(dBuV/m)	(dB/m)	(dB)	(dB)
AV	1.17613G	38.36	54.00	-15.64	-4.50	3	Vertical	137	2.53	42.86	25.94	3.66	34.10
AV	1.92859G	26.86	68.20	-41.34	-2.95	3	Vertical	88	1.43	29.81	25.97	4.73	33.65
AV	4.83718G	33.88	54.00	-20.12	6.17	3	Vertical	276	1.50	27.71	32.22	7.96	34.01
PK	1.17594G	45.21	74.00	-28.79	-4.50	3	Vertical	137	2.53	49.71	25.94	3.66	34.10
PK	1.93842G	38.28	68.20	-29.92	-2.82	3	Vertical	88	1.43	41.10	26.08	4.75	33.65
PK	4.8354G	46.03	74.00	-27.97	6.16	3	Vertical	276	1.50	39.87	32.21	7.96	34.01

Radiated Emissions above 1GHz_Mode 2



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)	(dBuV/m)	(dB/m)	(dB)	(dB)
AV	1.17617G	40.11	54.00	-13.89	-4.50	3	Horizontal	55	2.14	44.61	25.94	3.66	34.10
AV	1.62508G	25.96	54.00	-28.04	-4.04	3	Horizontal	16	2.75	30.00	25.35	4.25	33.64
AV	3.47355G	30.16	68.20	-38.04	1.98	3	Horizontal	148	2.64	28.18	29.40	6.67	34.09
PK	1.17599G	46.54	74.00	-27.46	-4.50	3	Horizontal	55	2.14	51.04	25.94	3.66	34.10
PK	1.62508G	37.11	74.00	-36.89	-4.04	3	Horizontal	16	2.75	41.15	25.35	4.25	33.64
PK	3.47376G	41.83	68.20	-26.37	1.98	3	Horizontal	148	2.64	39.85	29.40	6.67	34.09