



FCC RADIO TEST REPORT

FCC ID : NDD9578222404
Equipment : 2T2R 802.11be Wi-Fi 7 BE6500 USB NANO Dongle
Brand Name : Edimax
Model Name : EW-7822UN7
Applicant : Edimax Technology Co., Ltd.
No.278 , Xinhua 1st Rd., Neihu Dist., Taipei City, Taiwan
Manufacturer : Edimax Technology Co., Ltd.
No.278 , Xinhua 1st Rd., Neihu Dist., Taipei City, Taiwan
Standard : 47 CFR FCC Part 15.407

The product was received on Oct. 23, 2024, and testing was started from Nov. 06, 2024 and completed on Feb. 05, 2025. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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


Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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



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TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: HE1-D1-1 Ver2.6
FCC ID: NDD9578222404



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 Equivalent Isotropically Radiated Power (E.I.R.P.)	PASS	-
3.4	15.407(a)	Peak Power Spectral Density (E.I.R.P.)	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-
3.6	15.407(d)	Contention-Based Protocol	PASS	-

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

None

Reviewed by: Ryan Hsiao

Report Producer: Amber Chiu



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5925 ~ 7125	a, ax (HEW20), be (EHT20)	5955 ~ 7115	1 ~ 233 [59]
5925 ~ 7125	ax (HEW40), be (EHT40)	5965 ~ 7085	3 ~ 227 [29]
5925 ~ 7125	ax (HEW80), be (EHT80)	5985 ~ 7025	7 ~ 215 [14]
5925 ~ 7125	ax (HEW160), be (EHT80)	6025 ~ 6985	15 ~ 207 [7]

Band	Mode	BWch (MHz)	Nant
5.925-6.425GHz	802.11a	20	2TX
6.425-6.525GHz	802.11a	20	2TX
6.525-6.875GHz	802.11a	20	2TX
6.875-7.125GHz	802.11a	20	2TX
5.925-6.425GHz	802.11be EHT20	20	2TX
6.425-6.525GHz	802.11be EHT20	20	2TX
6.525-6.875GHz	802.11be EHT20	20	2TX
6.875-7.125GHz	802.11be EHT20	20	2TX
5.925-6.425GHz	802.11be EHT40	40	2TX
6.425-6.525GHz	802.11be EHT40	40	2TX
6.525-6.875GHz	802.11be EHT40	40	2TX
6.875-7.125GHz	802.11be EHT40	40	2TX
5.925-6.425GHz	802.11be EHT80	80	2TX
6.425-6.525GHz	802.11be EHT80	80	2TX
6.525-6.875GHz	802.11be EHT80	80	2TX
6.875-7.125GHz	802.11be EHT80	80	2TX
5.925-6.425GHz	802.11be EHT160	160	2TX
6.425-6.525GHz	802.11be EHT160	160	2TX
6.525-6.875GHz	802.11be EHT160	160	2TX
6.875-7.125GHz	802.11be EHT160	160	2TX

Note:

- ♦ 11a use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ HEW20, HEW40, HEW80 and HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ EHT20, EHT40, EHT80, EHT160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM modulation.
- ♦ BWch is the nominal channel bandwidth.
- ♦ The channel defined in the IEEE Standard P802.11ax™/D6.1.
- ♦ Evaluated EHT20/EHT40/EHT80/EHT160 mode only due to the similar modulation. The power setting of HEW20/HEW40/HEW80/HEW160 mode are the same or lower than EHT20/EHT40/EHT80/EHT160.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Support
1	LYNwave	ALX24M-122AA0-00	PIFA	Murata switch	2.4G+5G+6G
2	LYNwave	ALX24M-122AA0-00	PIFA	Murata switch	2.4G+5G+6G

Ant.	Port	Uncorrelated Gain (dBi)								
		2.4G	5G				6G			
			UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8
1	1	2.4	2.6	2.6	2.6	2.6	2.8	2.8	2.8	2.8
2	2	2	2.3	2.3	2.3	2.3	2.7	2.7	2.7	2.7

Note 1: The EUT has two antennas.

For 2.4GHz function:

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

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

For 5GHz function:

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

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

For 6GHz function:

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

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

Note 2: Directional gain information

	Maximum Output Power	Power Spectral Density
Non-BF	Directional gain = Max.gain + array gain. For power measurements on IEEE 802.11 devices Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ST}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$
BF	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ST}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ST}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$



1.1.3 EUT Information

Operational Condition				
EUT Power Type	From Host system			
EUT Function	☐	Indoor Access Point	☐	Subordinate
	☒	Indoor Client	☐	Standard Power Access Point
	☐	Dual Client	☐	Standard Client
	☐	Fixed Client	☐	Very Low Power
Beamforming Function	☐	With beamforming	☒	Without beamforming
Resource Unit	☒	Full RU	☐	Partial RU
	☐	MRU (static preamble puncturing)	☐	MRU (dynamic preamble puncturing)
Channel Puncturing	☐	Support	☒	Not support
Software / Firmware Version for CBP			5002.24.117.1	
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:			

Note: The above information was declared by manufacturer.

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_2TX	0.989	0.05	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX	0.99	0.04	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.989	0.05	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_2TX	0.99	0.04	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_2TX	0.99	0.04	n/a (DC>=0.98)	n/a (DC>=0.98)

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

1.1.5 Table for Multiple Listing

Model Name	SKU	with Flash (with U10)
EW-7822UN7	1	V
	2	X

From the above SKU, SKU 1 was selected as representative model for the test and its data was recorded in this report.



1.2 Applicable Standards

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

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

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

- ♦ KDB 987594 D01 v03
- ♦ KDB 987594 D02 v03
- ♦ KDB 662911 D01 v02r01
- ♦ KDB 412172 D01 v01r01
- ♦ 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	Simon Cheng	22.1~23.6°C / 53~58%	07/Nov/2024
RF Conducted	TH01-HY	Sonic Li	21.3~23.4°C / 56~58%	06/Nov/2024~11/Nov/2024
Radiated	03CH03-HY	Simon Cheng	20.1~21.8°C / 56~61%	09/Nov/2024~13/Nov/2024
Contention-Based Protocol	DFS01-HY	Wayne Lin	20~23.6°C / 54~58%	04/Feb/2025~05/Feb/2025
☐ Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787		FAX: 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				

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	1.5 MHz	Confidence levels of 95%
Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)	1.2 dB	Confidence levels of 95%
Peak Power Spectral Density (E.I.R.P.)	1.2 dB	Confidence levels of 95%
Unwanted Emissions	4.8 dB	Confidence levels of 95%
Contention-Based Protocol	1 ms	Confidence levels of 95%
Frequency Stability	1.18 ppm	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	AX series MP ToolKit v2.0.44_v3
-----------------------	---------------------------------

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5955MHz	2.75
6195MHz	3.25
6415MHz	4
6435MHz	4.25
6475MHz	3.75
6515MHz	3.75
6535MHz	3.75
6695MHz	3.75
6875MHz	3.75
6895MHz	3.75
6995MHz	3
7095MHz	4.5
7115MHz	4.25
802.11be EHT20_Nss1,(MCS0)_2TX	-
5955MHz	3
6195MHz	4
6415MHz	4.75
6435MHz	4.75
6475MHz	4.75
6515MHz	4.5
6535MHz	4.5
6695MHz	4.5
6875MHz	4.5
6895MHz	4.5
6995MHz	4
7095MHz	5
7115MHz	4.75
802.11be EHT40_Nss1,(MCS0)_2TX	-
5965MHz	7



Mode	Power Setting
6205MHz	6.75
6405MHz	7.75
6445MHz	7.5
6485MHz	7.75
6525MHz	7.5
6565MHz	7.25
6685MHz	7.25
6885MHz	7.5
6925MHz	7.5
7005MHz	6.75
7085MHz	7.75
802.11be EHT80_Nss1,(MCS0)_2TX	-
5985MHz	9
6225MHz	9.75
6385MHz	10.5
6465MHz	11
6545MHz	10.25
6625MHz	10.25
6705MHz	10.25
6785MHz	10.5
6865MHz	10.25
6945MHz	10.25
7025MHz	10
802.11be EHT160_Nss1,(MCS0)_2TX	-
6025MHz	8.5
6185MHz	9
6345MHz	10.25
6505MHz	10.5
6665MHz	10
6825MHz	10
6985MHz	9.25

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	USB Mode

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) Peak Power Spectral Density (E.I.R.P.) Contention Based Protocol
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	USB Mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT	V		



2.3 Support Equipment

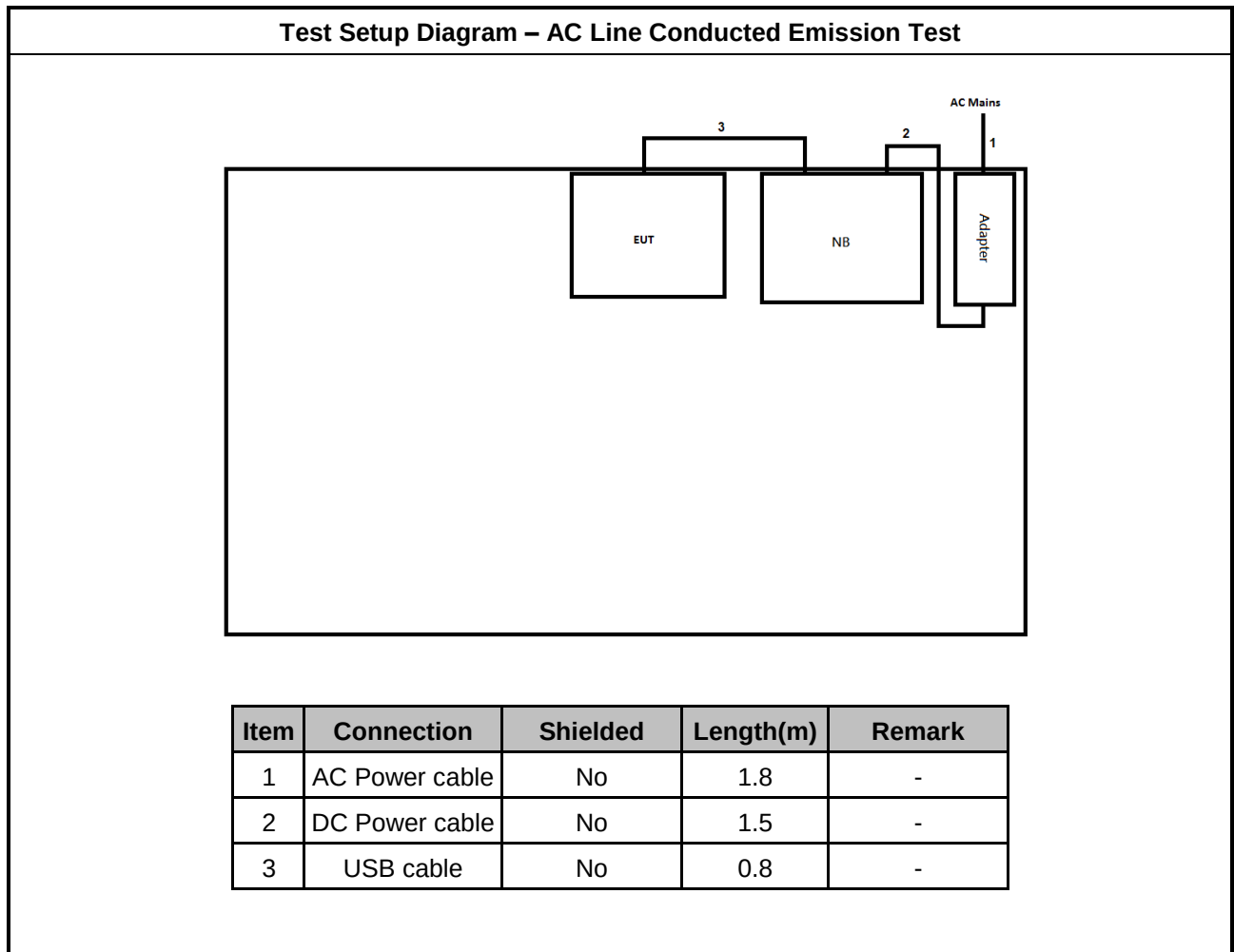
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	AC Power Cable	Power sync	PW-GPC180-3	-	-
2	Adapter (For NB)	HP	HSTNN-CA40	-	-
3	Notebook	HP	HSN-I14C-4	-	-
4	USB Cable	UGREEN	VW-1	-	-

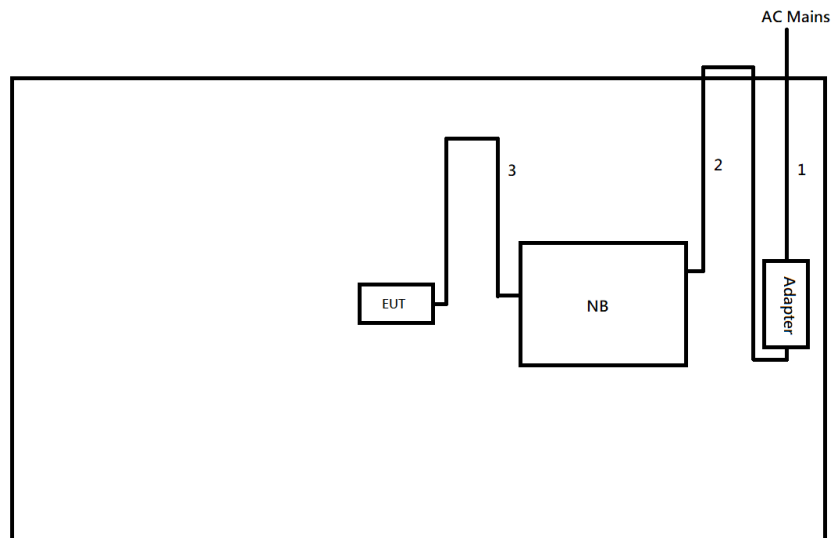
Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	AC Power Cable	Power sync	PW-GPC180-3	-	-
2	Adapter (For NB)	HP	HSTNN-CA40	-	-
3	Notebook	HP	HSN-I14C-4	-	-
4	USB Cable	UGREEN	VW-1	-	-

Support Equipment – Contention-Based Protocol					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	Latitude E5550	-	-
2	AP (Master)	ASUS	RT-BE96U	-	-
3	Notebook	HP	HSTNN-I42C	-	-
4	AC Adapter	AcBel	ADD011	-	-

2.4 Test Setup Diagram



Test Setup Diagram - Radiated Test


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.8	-
3	USB cable	No	0.8	-



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

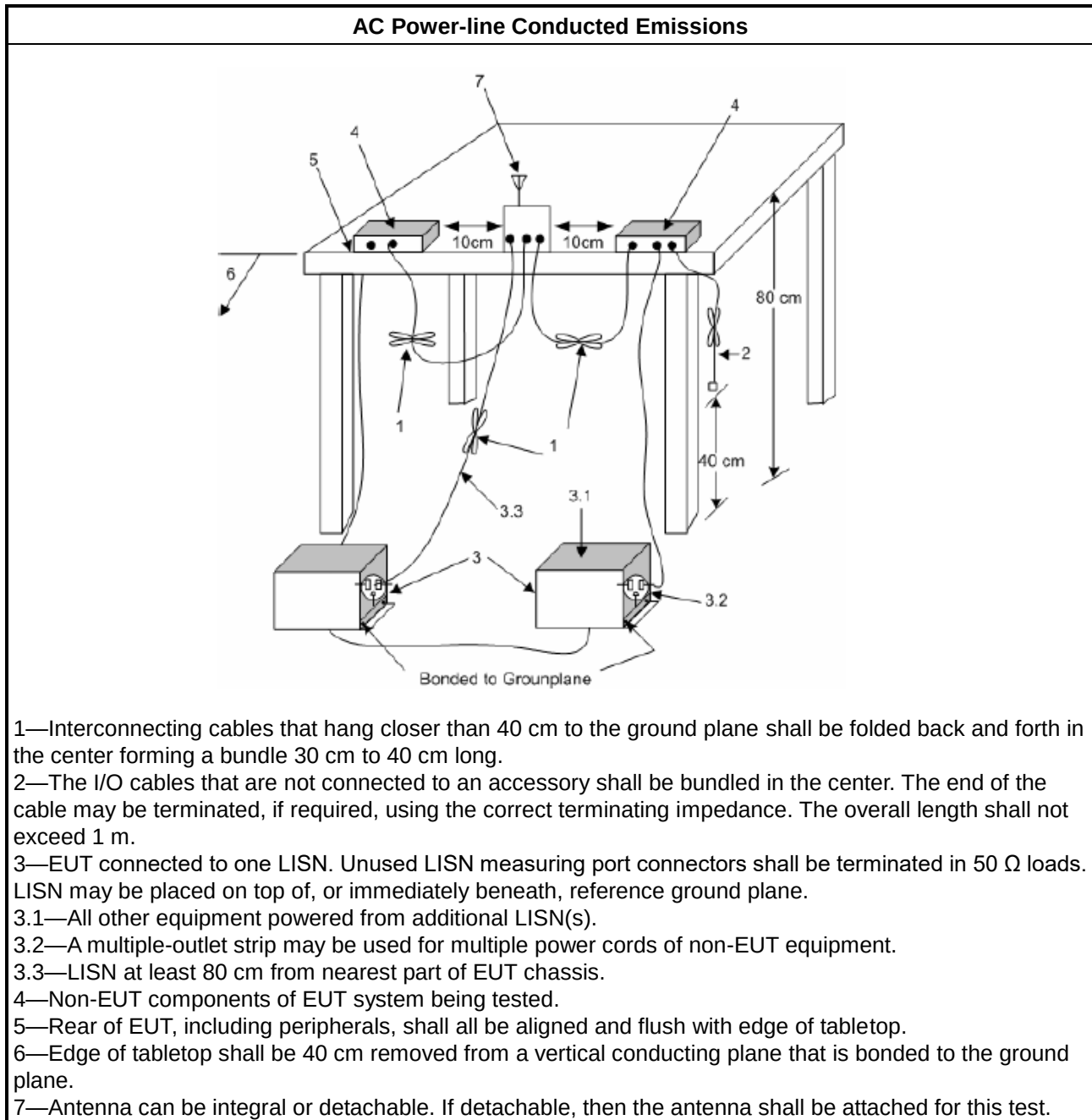
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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



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 5925-6425 GHz band, N/A
☒	For the 6425-6525 GHz band, N/A
☒	For the 6525-6875 GHz band, N/A
☒	For the 6875-7125 GHz band, N/A

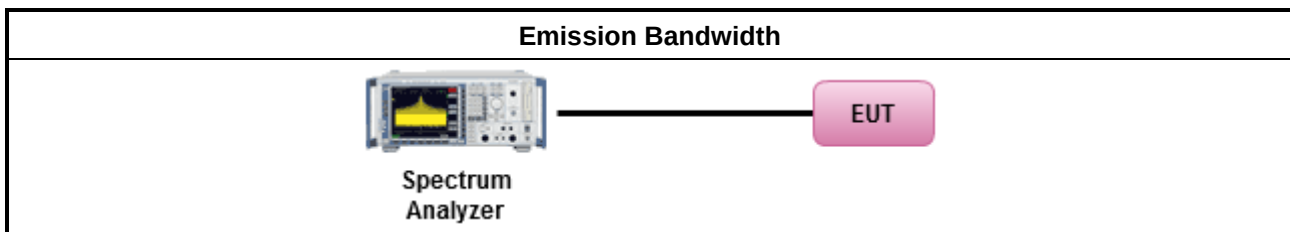
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B



3.3 Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)

3.3.1 Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) Limit

Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) Limit	
UNII Devices	
☒	For the 5.925 ~ 6.425 GHz band:
☐	- For standard power access point and fixed client device : e.i.r.p < 36 dBm , For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm). - For indoor access point : e.i.r.p < 30 dBm. - For subordinate device control of an indoor access point : e.i.r.p < 30 dBm. - For client device control of a standard power access point : e.i.r.p < 30 dBm. - For client device control of an indoor access point : e.i.r.p < 24 dBm. - For very low power device : e.i.r.p < 14 dBm.
☒	For the 6.425 ~ 6.525 GHz band:
☐	- For indoor access point : e.i.r.p < 30 dBm. - For client device control of an indoor access point : e.i.r.p < 24 dBm.
☒	For the 6.525 ~ 6.875 GHz band:
☐	- For standard power access point and fixed client device : e.i.r.p < 36 dBm , For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm). - For indoor access point : e.i.r.p < 30 dBm. - For subordinate device control of an indoor access point : e.i.r.p < 30 dBm. - For client device control of a standard power access point : e.i.r.p < 30 dBm. - For client device control of an indoor access point : e.i.r.p < 24 dBm. - For very low power device : e.i.r.p < 14 dBm.
☒	For the 6.875 ~ 7.125 GHz band:
☐	- For indoor access point : e.i.r.p < 30 dBm. - For client device control of an indoor access point : e.i.r.p < 24 dBm.

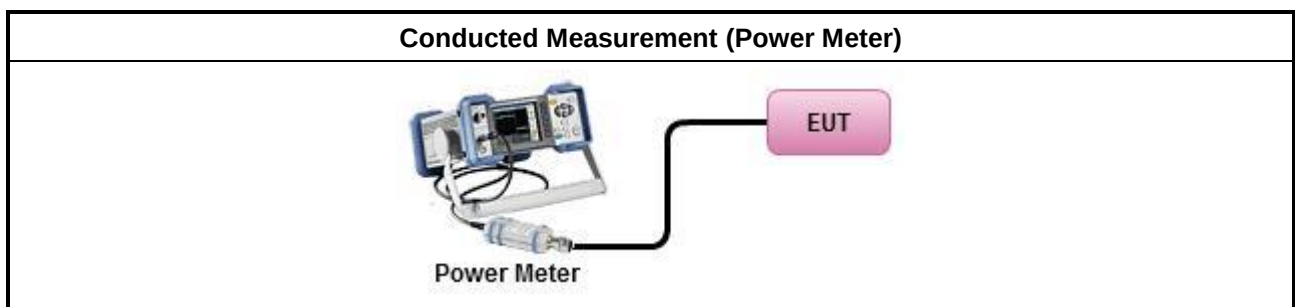
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
Maximum Output Power Setting	
	Duty cycle $\geq 98\%$
	☐ Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle $< 98\%$
	☐ Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
	☒ Refer as FCC KDB 789033, clause E Method PM-G (using an RF average power meter).
☒ For conducted measurement.	
	If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$
☐ For radiated measurement.	
	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
	Refer as FCC KDB 789033, clause II A.1.F "Antenna-port Conducted versus Radiated Testing"
	Refer as KDB 412172, clause 2.2 for EIRP calculation.

3.3.4 Test Setup



3.3.5 Test Result of Maximum Equivalent Isotropically Radiated Power (E.I.R.P)

Refer as Appendix C



3.4 Peak Power Spectral Density (E.I.R.P.)

3.4.1 Peak Power Spectral Density (E.I.R.P.) Limit

Peak Power Spectral Density (E.I.R.P.) Limit	
UNII Devices	
☒ For the 5.925 ~ 6.425 GHz band:	
	■ For standard power access point and fixed client device : e.i.r.p PSD < 23 dBm/MHz.
	■ For indoor access point : e.i.r.p PSD < 5 dBm/MHz.
	■ For subordinate device control of an indoor access point : e.i.r.p PSD < 5 dBm/MHz.
	■ For client device control of a standard power access point : e.i.r.p PSD < 17 dBm/MHz.
	■ For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.
	■ For very low power device : e.i.r.p < -5 dBm.
☒ For the 6.425 ~ 6.525 GHz band:	
	■ For indoor access point : e.i.r.p PSD < 5 dBm/MHz.
	■ For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.
☒ For the 6.525 ~ 6.875 GHz band:	
	■ For standard power access point and fixed client device : e.i.r.p PSD < 23 dBm/MHz.
	■ For indoor access point : e.i.r.p PSD < 5 dBm/MHz.
	■ For subordinate device control of an indoor access point : e.i.r.p PSD < 5 dBm/MHz.
	■ For client device control of a standard power access point : e.i.r.p PSD < 17 dBm/MHz.
	■ For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.
	■ For very low power device : e.i.r.p < -5 dBm.
☒ For the 6.875 ~ 7.125 GHz band:	
	■ For indoor access point : e.i.r.p PSD < 5 dBm/MHz.
	■ For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.

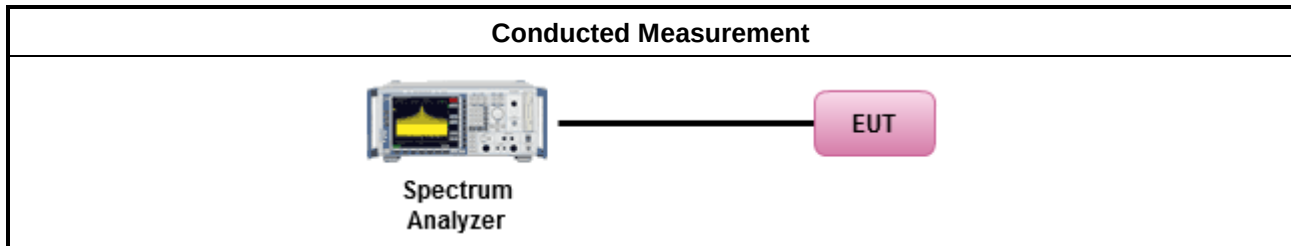
3.4.2 Measuring Instruments

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

**3.4.3 Test Procedures**

Test Method	
Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
☐	Refer as FCC KDB 789033, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
☒	Refer as FCC KDB 789033, clause E Method SA-2. (spectral trace averaging)
☐	Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
☒ For conducted measurement.	
If the EUT supports multiple transmit chains using options given below:	
☒	Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
☒	Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
☒	Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	
☐ For radiated measurement.	
Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.	
Refer as KDB 789033, clause II A.1.F "Antenna-port Conducted versus Radiated Testing"	
Refer as KDB 412172, clause 2.2 for EIRP calculation.	

3.4.4 Test Setup



3.4.5 Test Result of Peak Power Spectral Density (E.I.R.P.)

Refer as Appendix D



3.5 Unwanted Emissions

3.5.1 Transmitter 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

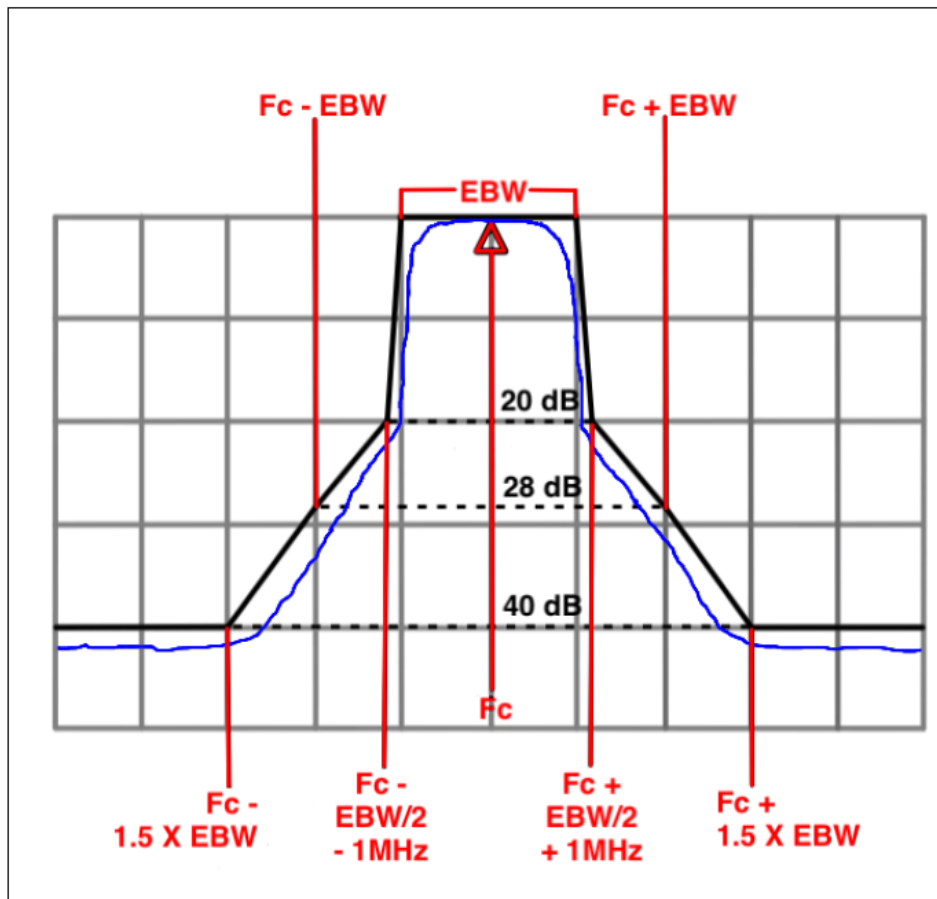
Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance 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($20 \times \log(\text{standard distance}/\text{test distance}) = 20\log(3/1) = 9.54\text{dB}$).
EX. Above 18GHz emission limit calculation (3m to 1m) = 54dBuV/m at 3m + 9.54dB = 63.54 dBuV/m at 1m.

Un-restricted band emissions above 1GHz Limit	
Frequency	Limit
Any outside the 5.945 – 7.125 GHz emission	e.i.r.p. -27 dBm [68.2 dBuV/m@3m] Note 1: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m($20 \times \log(\text{standard distance}/\text{test distance}) = 20\log(3/1) = 9.54\text{dB}$). EX. Above 18GHz emission limit calculation (3m to 1m) = 68.2dBuV/m at 3m + 9.54dB = 77.74 dBuV/m at 1m.
Frequency	Emission MASK Limit
5.945 – 7.125 GHz	Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the

limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB. The channel bandwidth is defined as 26 dB EBW.





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 $\geq$ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as FCC KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as FCC KDB 789033, clause G)1) for unwanted emissions into restricted bands.
	☒ Refer as FCC KDB 789033, G)6) Method AD (Trace Averaging). (For unrestricted band measurement)
	☐ Refer as FCC KDB 789033, G)6) Method VB (Reduced VBW).
	☒ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW $\geq$ 1/T, where T is pulse time.(For restricted band average measurement)
	☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
	☒ Refer as FCC KDB 789033, clause G)5) measurement procedure peak limit.
	☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.
	☒ Refer as FCC KDB 789033, clause G)3)d)ii) for Band edge Integration measurements.
For emission MASK shall be measured using following options below:	
	☒ Refer as KDB 987594 D02, J) In-Band Emissions
For radiated measurement.	
	Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
The any unwanted emissions level shall not exceed the fundamental emission level.	
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.	

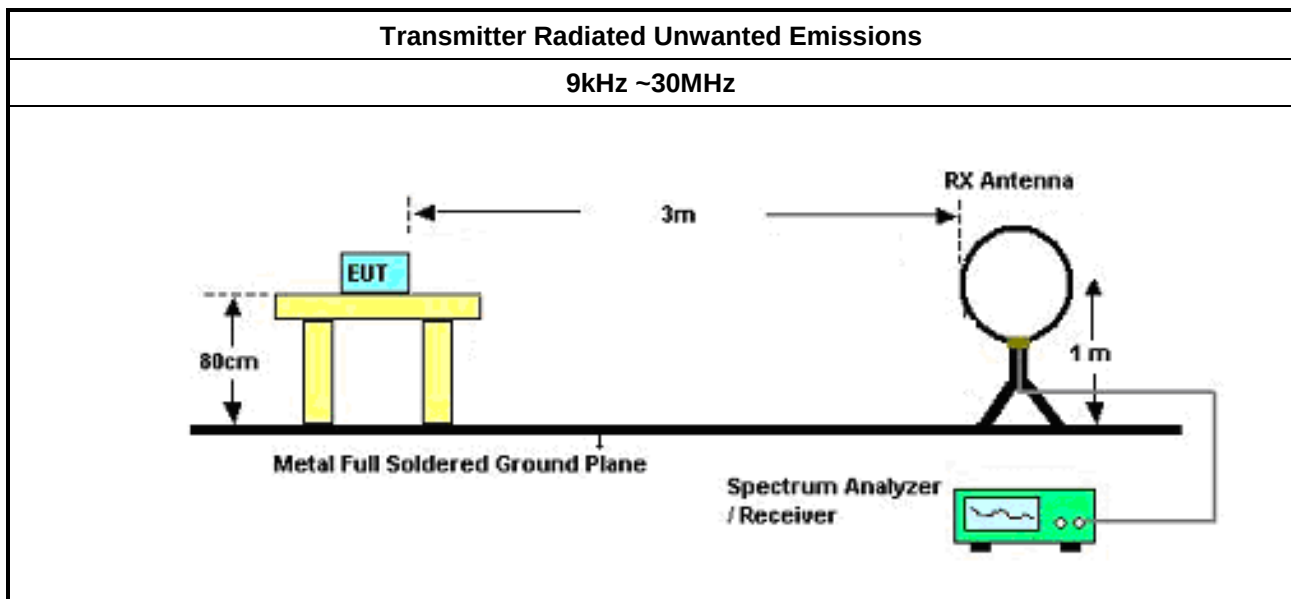
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.	
	Based on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

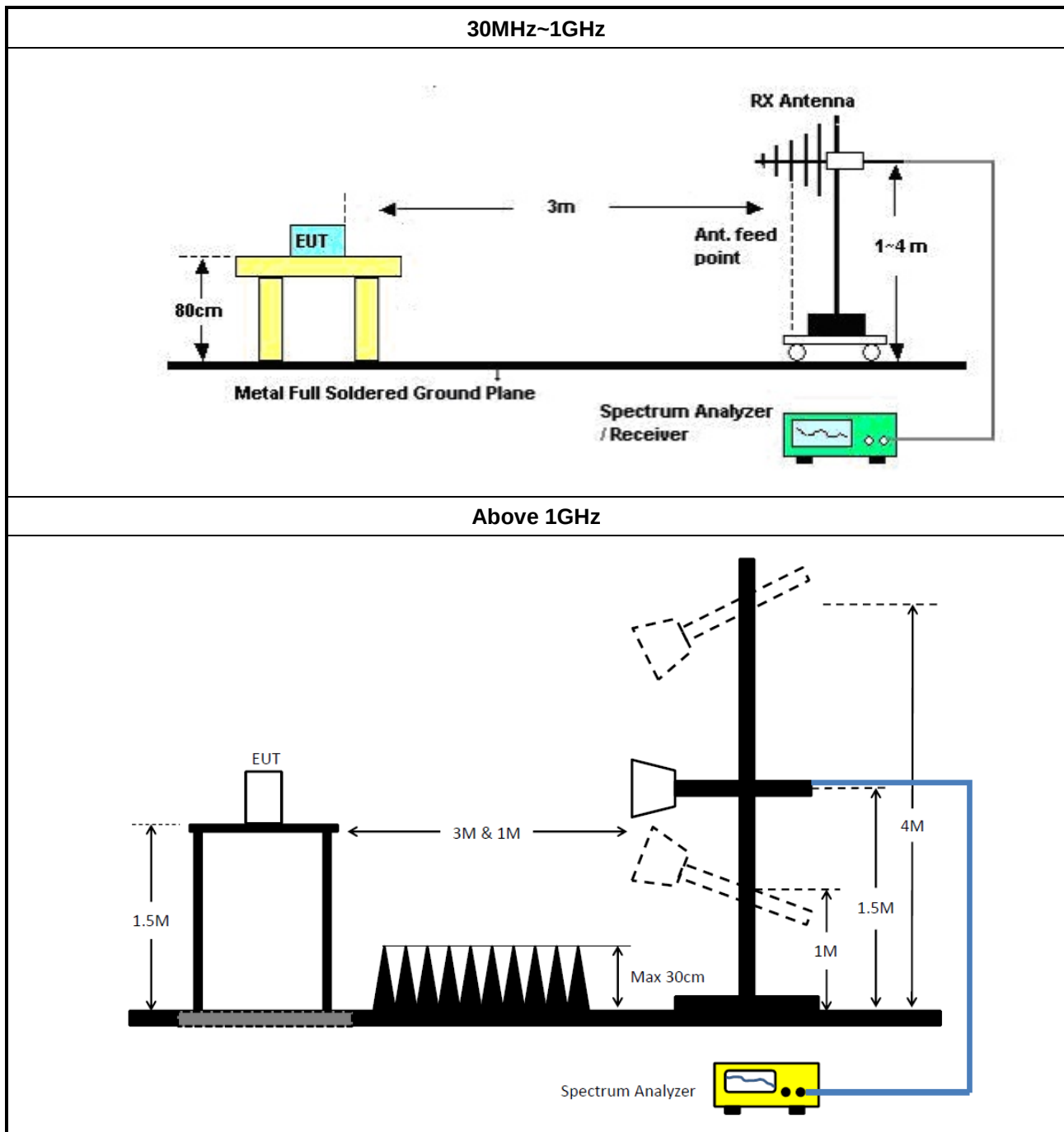
3.5.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.5.5 Test Setup





3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

3.6 Contention Based Protocol

3.6.1 Contention Based Protocol Limit

EUT can detect an AWGN signal with 90% (or better) level of certainty.

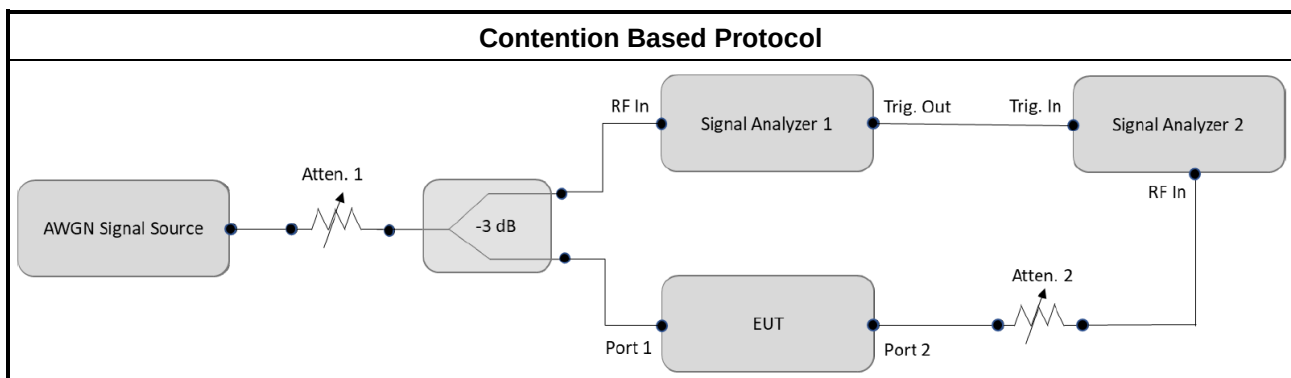
3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

Test Method	
■	For Contention Based Protocol shall be measured using following options below:
☒	Refer as KDB 987594 D02, I) Contention Based Protocol.

3.6.4 Test Setup



3.6.5 Test Result of Contention Based Protocol

Refer as Appendix F



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	ROHDE & SCHWARZ	ESR3	102051	9kHz ~ 3.6GHz	17/May/2024	16/May/2025
Two-Line V-Network	ROHDE & SCHWARZ	ENV 216	101274	9kHz ~ 30MHz	18/Jun/2024	17/Jun/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	17/Oct/2024	16/Oct/2025
SENSE-EMI	Sporton	V5.11.3	N/A	N/A	N/A	N/A

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	FSV3044	101438	10Hz~44GHz	29/Nov/2023	28/Nov/2024
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	16/Oct/2024	15/Oct/2025
Power Meter	Anritsu	ML2495A	949003	300MHz~40GHz	17/Feb/2024	16/Feb/2025
Pulse Sensor	Anritsu	MA2411B	917017	300MHz~40GHz	17/Feb/2024	16/Feb/2025
SENSE-15407_NII	Sporton	V5.11.20	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	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	14/Jul/2024	13/Jul/2025
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz~1GHz 3m	14/Jul/2024	13/Jul/2025
EMI Test Receiver	R&S	ESR	102052	9kHz~3.6GHz	03/May/2024	02/May/2025
Signal Analyzer	R&S	FSV40	101514	10Hz~40GHz	29/Apr/2024	28/Apr/2025
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	19/Mar/2024	18/Mar/2025
Bilog Antenna & 6dB Attenuator	SCHAFFNER / EMCI	CBL6112B / N-6-05	22237 / AT-N-0603	30MHz~1GHz	14/Oct/2024	13/Oct/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02267	1GHz~18GHz	18/Oct/2024	17/Oct/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz ~ 40GHz	04/Jun/2024	03/Jun/2025
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz~30MHz	12/Jun/2024	11/Jun/2025
RF Cable-R03m	Jye Bao	RG142	03CH03-cable-02	30MHz~1GHz	12/Jun/2024	11/Jun/2025
RF CABLE 5+8m	HUBER+SUHNER	SUOFLEX_104	03CH03-cable-03	1GHz~40GHz	20/Feb/2024	19/Feb/2025
Amplifier	Aglient	8447D	2944A08033	100kHz~1.3GHz	13/Sep/2024	12/Sep/2025
Microwave Premplifier	Agilent	8449B	3008A02326	1GHz~26.5GHz	25/Jul/2024	24/Jul/2025
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	19/Apr/2024	18/Apr/2025
SENSE-15407_NII	Sporton	V5.11.20	N/A	N/A	N/A	N/A

Instrument for Contention-Based Protocol Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSU	100203	9kHz ~ 26GHz	14/May/2024	13/May/2025
Signal Generator	Keysight	N5171B	MY53051240	9kHz~6GHz	27/Nov/2024	26/Nov/2025
Vector Signal Generator	Keysight	N5182B	MY53051912	9kHz~6GHz	29/Feb/2024	28/Feb/2025
DFS-Adaptivity	Sporton	Ver 2.10	N/A	N/A	N/A	N/A
Adaptivity Analysis-5G	Sporton	Ver 2.10	N/A	N/A	N/A	N/A



Conducted Emissions at Powerline

Appendix A

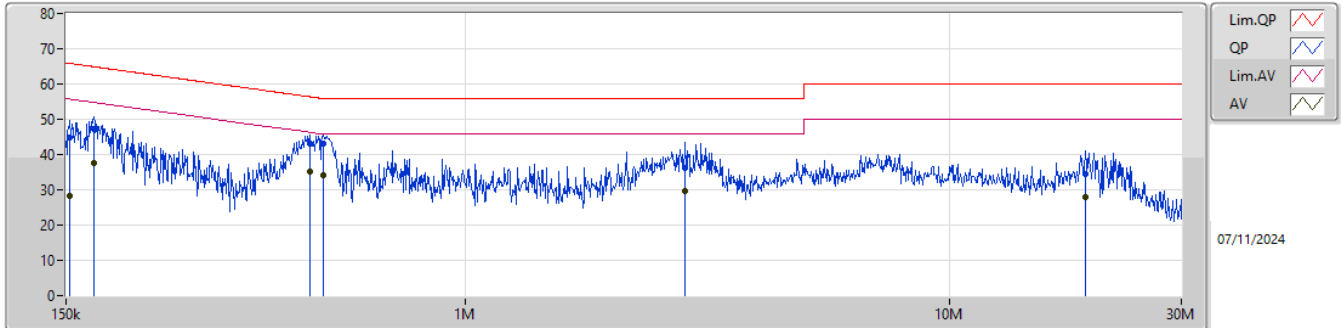
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	477.384k	35.12	46.38	-11.26	Line

Result

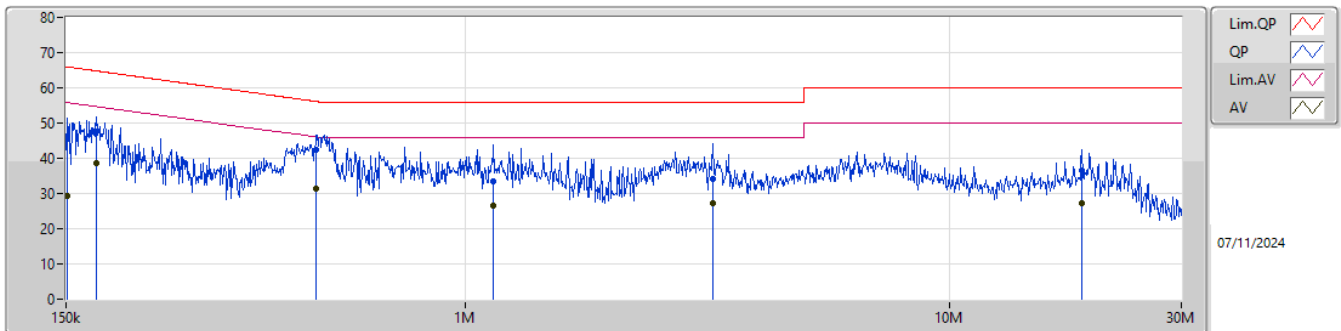
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	153.024k	44.85	65.83	-20.98	Line
Mode 1	Pass	AV	153.024k	28.16	55.83	-27.67	Line
Mode 1	Pass	QP	171.121k	47.27	64.91	-17.64	Line
Mode 1	Pass	AV	171.121k	37.72	54.91	-17.19	Line
Mode 1	Pass	QP	477.384k	43.14	56.38	-13.24	Line
Mode 1	Pass	AV	477.384k	35.12	46.38	-11.26	Line
Mode 1	Pass	QP	508.871k	43.12	56.00	-12.88	Line
Mode 1	Pass	AV	508.871k	34.02	46.00	-11.98	Line
Mode 1	Pass	QP	2.843M	36.26	56.00	-19.74	Line
Mode 1	Pass	AV	2.843M	29.63	46.00	-16.37	Line
Mode 1	Pass	QP	19.014M	34.56	60.00	-25.44	Line
Mode 1	Pass	AV	19.014M	27.90	50.00	-22.10	Line
Mode 1	Pass	QP	150.6k	45.66	65.96	-20.30	Neutral
Mode 1	Pass	AV	150.6k	29.25	55.96	-26.71	Neutral
Mode 1	Pass	QP	173.183k	47.49	64.80	-17.31	Neutral
Mode 1	Pass	AV	173.183k	38.61	54.80	-16.19	Neutral
Mode 1	Pass	QP	492.876k	42.37	56.11	-13.74	Neutral
Mode 1	Pass	AV	492.876k	31.54	46.11	-14.57	Neutral
Mode 1	Pass	QP	1.144M	33.40	56.00	-22.60	Neutral
Mode 1	Pass	AV	1.144M	26.53	46.00	-19.47	Neutral
Mode 1	Pass	QP	3.244M	34.21	56.00	-21.79	Neutral
Mode 1	Pass	AV	3.244M	27.29	46.00	-18.71	Neutral
Mode 1	Pass	QP	18.713M	36.54	60.00	-23.46	Neutral
Mode 1	Pass	AV	18.713M	27.33	50.00	-22.67	Neutral

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	153.024k	44.85	65.83	-20.98	19.70	Line	-	25.15	9.66	0.07	9.97						
AV	153.024k	28.16	55.83	-27.67	19.70	Line	-	8.46	9.66	0.07	9.97						
QP	171.121k	47.27	64.91	-17.64	19.71	Line	-	27.56	9.66	0.08	9.97						
AV	171.121k	37.72	54.91	-17.19	19.71	Line	-	18.01	9.66	0.08	9.97						
QP	477.384k	43.14	56.38	-13.24	19.74	Line	-	23.40	9.65	0.11	9.98						
AV	477.384k	35.12	46.38	-11.26	19.74	Line	-	15.38	9.65	0.11	9.98						
QP	508.871k	43.12	56.00	-12.88	19.74	Line	-	23.38	9.65	0.11	9.98						
AV	508.871k	34.02	46.00	-11.98	19.74	Line	-	14.28	9.65	0.11	9.98						
QP	2.843M	36.26	56.00	-19.74	19.75	Line	-	16.51	9.68	0.09	9.98						
AV	2.843M	29.63	46.00	-16.37	19.75	Line	-	9.88	9.68	0.09	9.98						
QP	19.014M	34.56	60.00	-25.44	19.77	Line	-	14.79	9.68	0.11	9.98						
AV	19.014M	27.90	50.00	-22.10	19.77	Line	-	8.13	9.68	0.11	9.98						

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	150.6k	45.66	65.96	-20.30	19.64	Neutral	-	26.02	9.60	0.07	9.97						
AV	150.6k	29.25	55.96	-26.71	19.64	Neutral	-	9.61	9.60	0.07	9.97						
QP	173.183k	47.49	64.80	-17.31	19.65	Neutral	-	27.84	9.60	0.08	9.97						
AV	173.183k	38.61	54.80	-16.19	19.65	Neutral	-	18.96	9.60	0.08	9.97						
QP	492.876k	42.37	56.11	-13.74	19.69	Neutral	-	22.68	9.60	0.11	9.98						
AV	492.876k	31.54	46.11	-14.57	19.69	Neutral	-	11.85	9.60	0.11	9.98						
QP	1.144M	33.40	56.00	-22.60	19.68	Neutral	-	13.72	9.61	0.09	9.98						
AV	1.144M	26.53	46.00	-19.47	19.68	Neutral	-	6.85	9.61	0.09	9.98						
QP	3.244M	34.21	56.00	-21.79	19.68	Neutral	-	14.53	9.62	0.08	9.98						
AV	3.244M	27.29	46.00	-18.71	19.68	Neutral	-	7.61	9.62	0.08	9.98						
QP	18.713M	36.54	60.00	-23.46	19.76	Neutral	-	16.78	9.67	0.11	9.98						
AV	18.713M	27.33	50.00	-22.67	19.76	Neutral	-	7.57	9.67	0.11	9.98						

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	18.425M	16.404M	16M4D1D	18.095M	16.338M
802.11be EHT20_Nss1,(MCS0)_2TX	20.185M	18.916M	18M9D1D	20.02M	18.866M
802.11be EHT40_Nss1,(MCS0)_2TX	39.71M	37.831M	37M8D1D	39.16M	37.731M
802.11be EHT80_Nss1,(MCS0)_2TX	80.52M	77.161M	77M2D1D	80.08M	77.061M
802.11be EHT160_Nss1,(MCS0)_2TX	162.8M	156.522M	157MD1D	162.36M	156.122M
6.425-6.525GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	18.48M	16.382M	16M4D1D	18.04M	16.338M
802.11be EHT20_Nss1,(MCS0)_2TX	20.185M	18.941M	18M9D1D	19.855M	18.891M
802.11be EHT40_Nss1,(MCS0)_2TX	39.6M	37.931M	37M9D1D	39.16M	37.731M
802.11be EHT80_Nss1,(MCS0)_2TX	80.08M	77.161M	77M2D1D	80.08M	76.962M
802.11be EHT160_Nss1,(MCS0)_2TX	162.8M	156.522M	157MD1D	161.92M	156.322M
6.525-6.875GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	18.37M	16.382M	16M4D1D	17.93M	16.338M
802.11be EHT20_Nss1,(MCS0)_2TX	20.24M	18.916M	18M9D1D	19.91M	18.891M
802.11be EHT40_Nss1,(MCS0)_2TX	39.71M	37.931M	37M9D1D	39.27M	37.681M
802.11be EHT80_Nss1,(MCS0)_2TX	80.52M	77.261M	77M3D1D	80.08M	77.061M
802.11be EHT160_Nss1,(MCS0)_2TX	162.36M	156.722M	157MD1D	162.36M	156.122M
6.875-7.125GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	18.425M	16.382M	16M4D1D	18.04M	16.338M
802.11be EHT20_Nss1,(MCS0)_2TX	20.46M	18.941M	18M9D1D	19.965M	18.841M
802.11be EHT40_Nss1,(MCS0)_2TX	39.49M	37.831M	37M8D1D	39.27M	37.681M
802.11be EHT80_Nss1,(MCS0)_2TX	80.52M	77.161M	77M2D1D	80.08M	76.962M
802.11be EHT160_Nss1,(MCS0)_2TX	162.36M	156.322M	156MD1D	162.36M	156.122M

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

Result

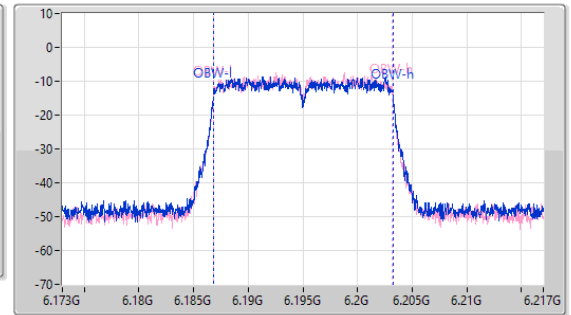
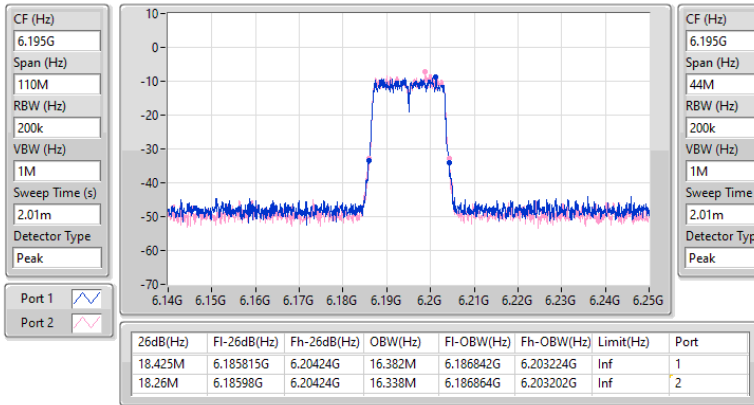
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	18.37M	16.36M	18.205M	16.404M
6195MHz	Pass	Inf	18.425M	16.382M	18.26M	16.338M
6415MHz	Pass	Inf	18.095M	16.382M	18.095M	16.382M
6435MHz	Pass	Inf	18.48M	16.36M	18.37M	16.338M
6475MHz	Pass	Inf	18.425M	16.382M	18.26M	16.36M
6515MHz	Pass	Inf	18.04M	16.382M	18.425M	16.36M
6535MHz	Pass	Inf	18.315M	16.382M	18.315M	16.338M
6695MHz	Pass	Inf	18.37M	16.382M	18.205M	16.36M
6875MHz	Pass	Inf	18.26M	16.36M	17.93M	16.36M
6895MHz	Pass	Inf	18.315M	16.36M	18.04M	16.382M
6995MHz	Pass	Inf	18.04M	16.382M	18.04M	16.36M
7095MHz	Pass	Inf	18.37M	16.338M	18.095M	16.382M
7115MHz	Pass	Inf	18.425M	16.382M	18.26M	16.36M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	20.13M	18.916M	20.02M	18.891M
6195MHz	Pass	Inf	20.185M	18.891M	20.02M	18.916M
6415MHz	Pass	Inf	20.02M	18.916M	20.02M	18.866M
6435MHz	Pass	Inf	19.855M	18.941M	20.02M	18.916M
6475MHz	Pass	Inf	20.185M	18.916M	20.02M	18.916M
6515MHz	Pass	Inf	20.13M	18.916M	19.965M	18.891M
6535MHz	Pass	Inf	20.24M	18.916M	20.02M	18.916M
6695MHz	Pass	Inf	19.91M	18.916M	20.075M	18.891M
6875MHz	Pass	Inf	20.02M	18.891M	19.91M	18.891M
6895MHz	Pass	Inf	20.075M	18.866M	20.02M	18.841M
6995MHz	Pass	Inf	19.965M	18.891M	20.02M	18.916M
7095MHz	Pass	Inf	20.185M	18.891M	20.13M	18.891M
7115MHz	Pass	Inf	20.35M	18.916M	20.46M	18.941M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	Inf	39.16M	37.731M	39.27M	37.781M
6205MHz	Pass	Inf	39.38M	37.781M	39.16M	37.731M
6405MHz	Pass	Inf	39.71M	37.781M	39.27M	37.831M
6445MHz	Pass	Inf	39.16M	37.731M	39.27M	37.931M
6485MHz	Pass	Inf	39.27M	37.731M	39.6M	37.831M
6525MHz	Pass	Inf	39.6M	37.881M	39.49M	37.731M
6565MHz	Pass	Inf	39.27M	37.781M	39.6M	37.681M
6685MHz	Pass	Inf	39.6M	37.781M	39.71M	37.931M
6885MHz	Pass	Inf	39.49M	37.681M	39.38M	37.781M
6925MHz	Pass	Inf	39.49M	37.731M	39.49M	37.781M
7005MHz	Pass	Inf	39.49M	37.781M	39.27M	37.681M
7085MHz	Pass	Inf	39.38M	37.831M	39.49M	37.831M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	Inf	80.08M	77.061M	80.52M	77.061M
6225MHz	Pass	Inf	80.08M	77.061M	80.08M	77.061M
6385MHz	Pass	Inf	80.3M	77.061M	80.3M	77.161M
6465MHz	Pass	Inf	80.08M	76.962M	80.08M	77.061M
6545MHz	Pass	Inf	80.08M	77.061M	80.08M	77.161M
6625MHz	Pass	Inf	80.3M	77.161M	80.08M	77.261M
6705MHz	Pass	Inf	80.08M	77.061M	80.3M	77.061M
6785MHz	Pass	Inf	80.3M	77.061M	80.08M	77.161M
6865MHz	Pass	Inf	80.52M	77.061M	80.3M	77.161M
6945MHz	Pass	Inf	80.52M	77.061M	80.08M	76.962M
7025MHz	Pass	Inf	80.08M	77.161M	80.3M	77.161M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6025MHz	Pass	Inf	162.36M	156.322M	162.36M	156.322M

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
6185MHz	Pass	Inf	162.8M	156.122M	162.8M	156.522M
6345MHz	Pass	Inf	162.8M	156.522M	162.8M	156.522M
6505MHz	Pass	Inf	161.92M	156.522M	162.8M	156.322M
6665MHz	Pass	Inf	162.36M	156.522M	162.36M	156.722M
6825MHz	Pass	Inf	162.36M	156.522M	162.36M	156.122M
6985MHz	Pass	Inf	162.36M	156.122M	162.36M	156.322M

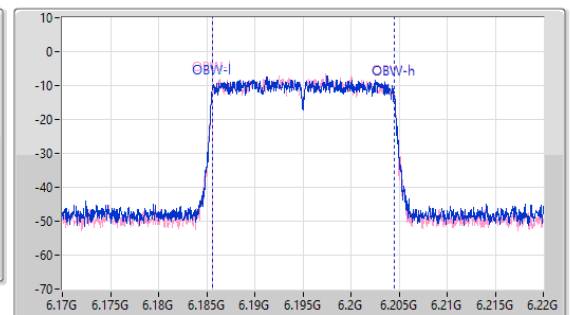
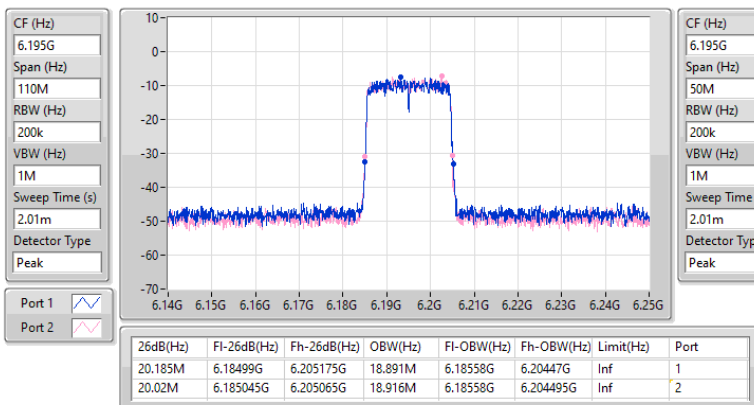
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
6195MHz

07/11/2024

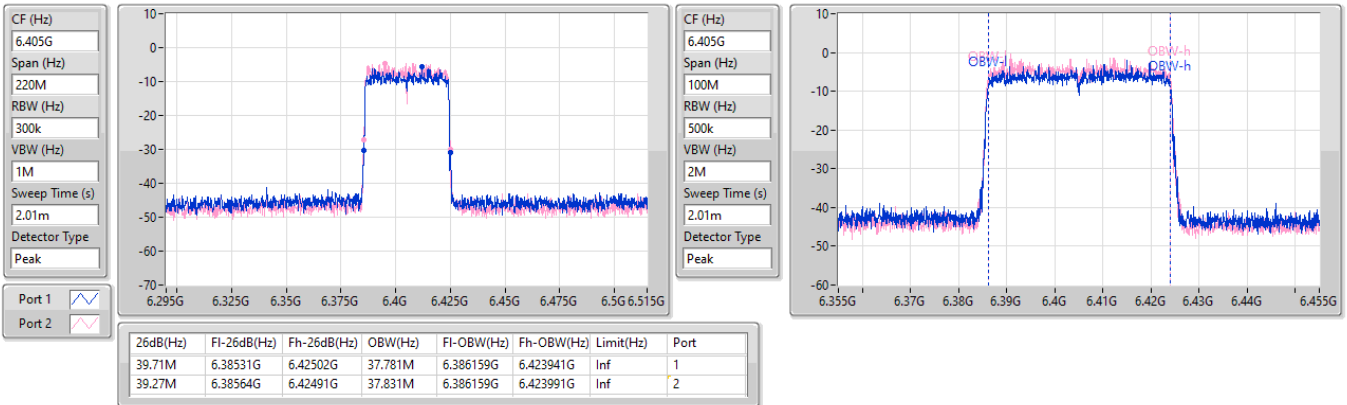

5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
6195MHz

07/11/2024

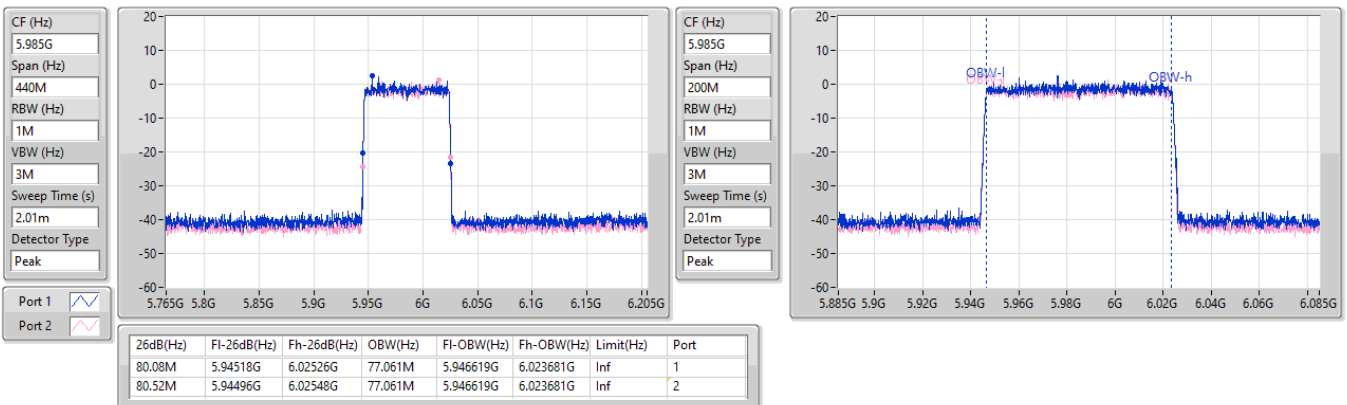


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
6405MHz

07/11/2024

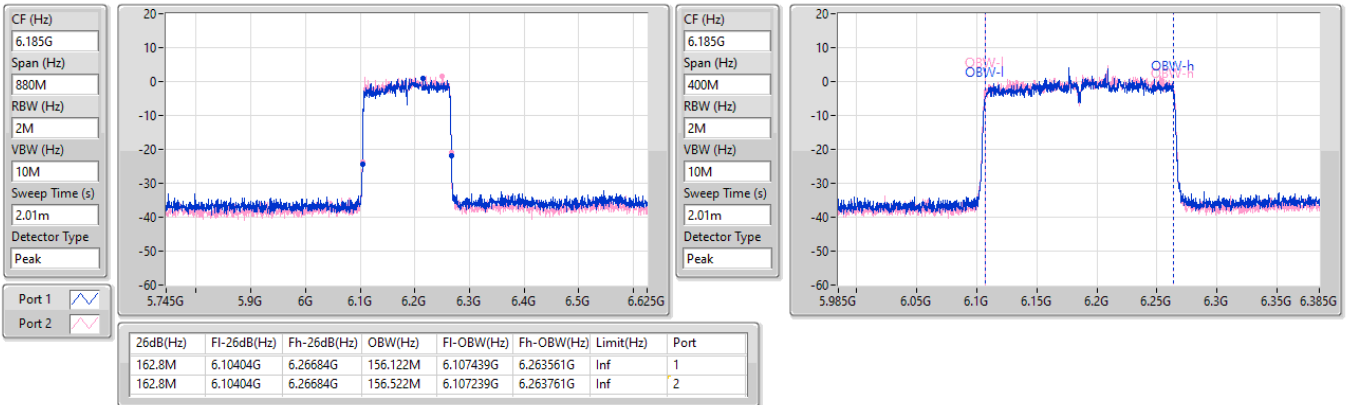

5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
5985MHz

07/11/2024

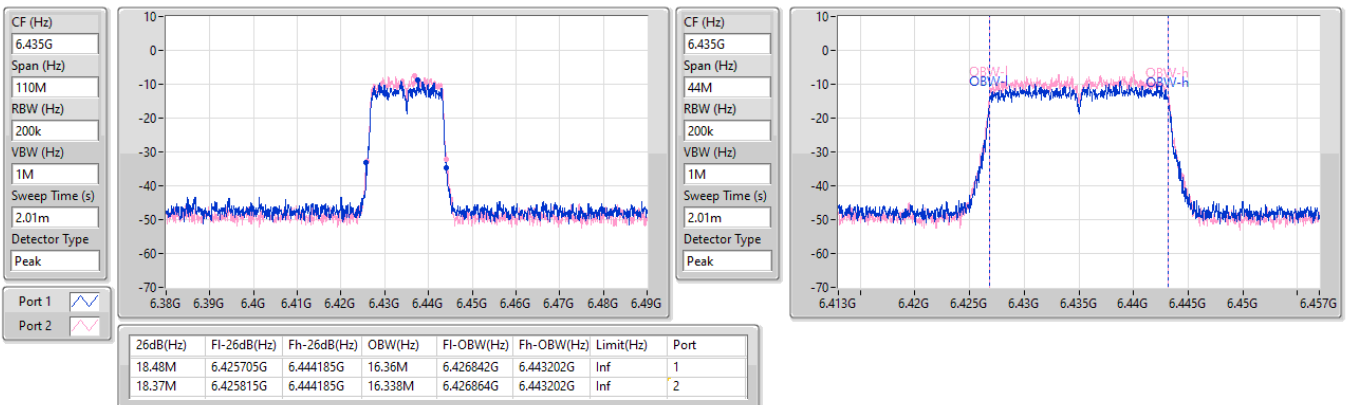


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_2TX
EBW
6185MHz

11/11/2024

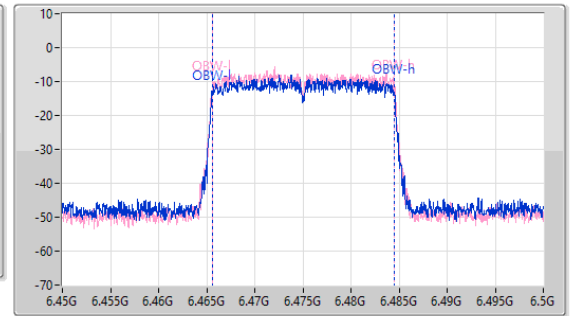
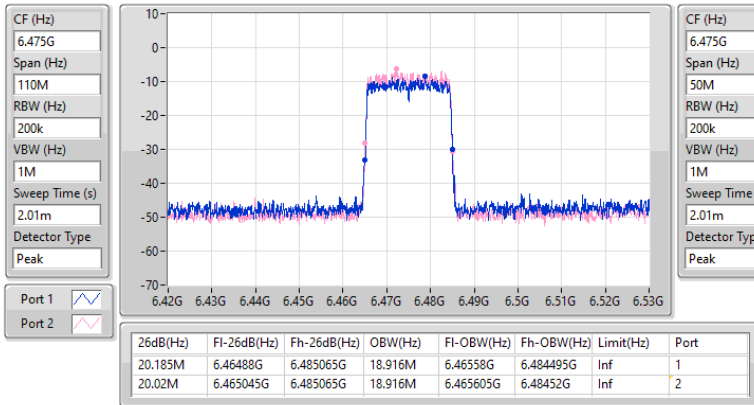

6.425-6.525GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
6435MHz

07/11/2024

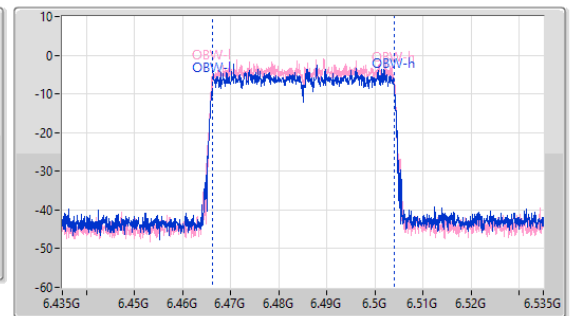
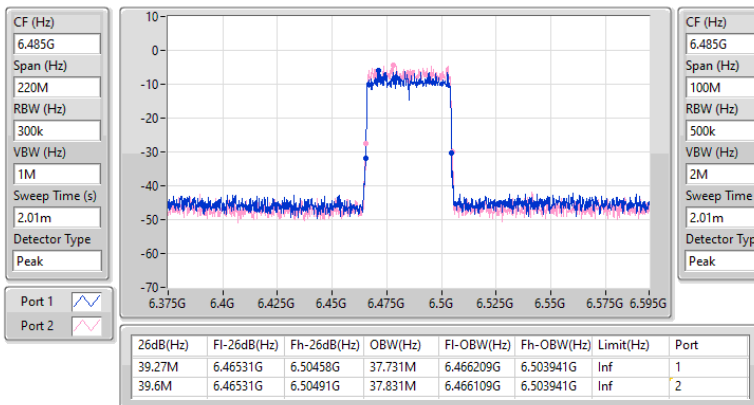


6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
6475MHz

07/11/2024

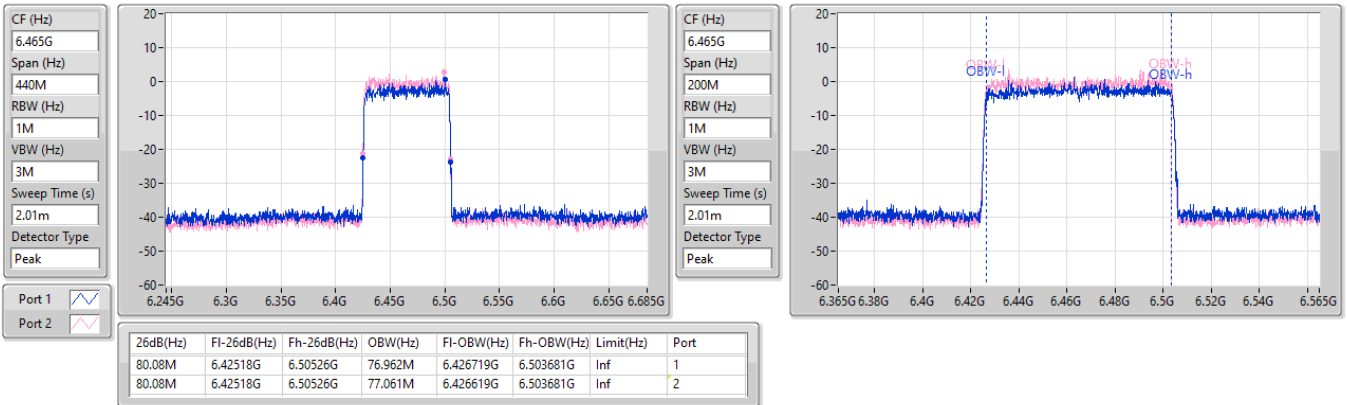

6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
6485MHz

07/11/2024

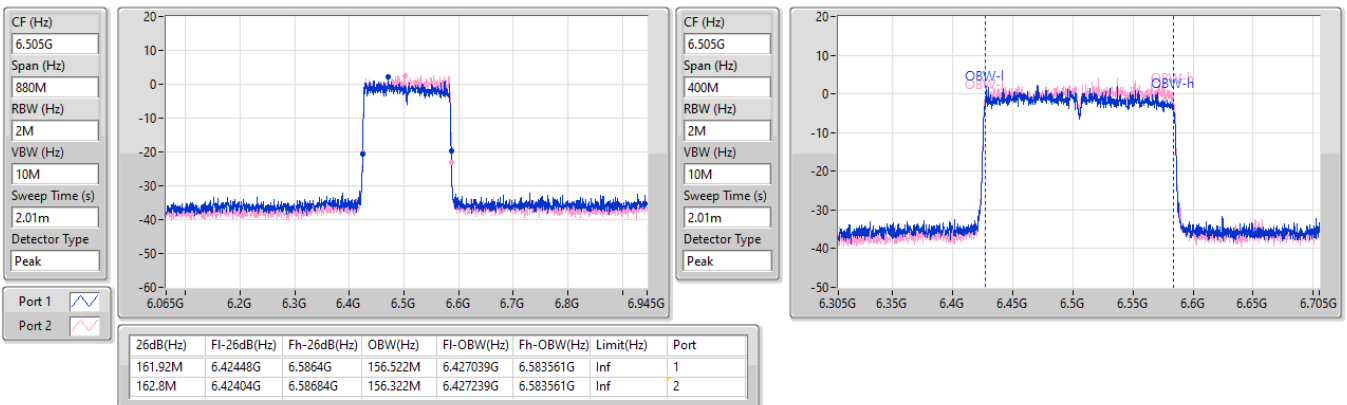


6.425-6.525GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
6465MHz

07/11/2024

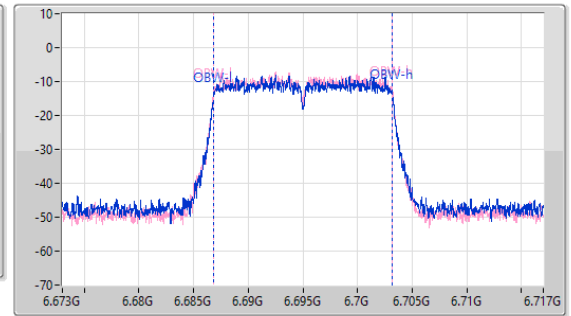
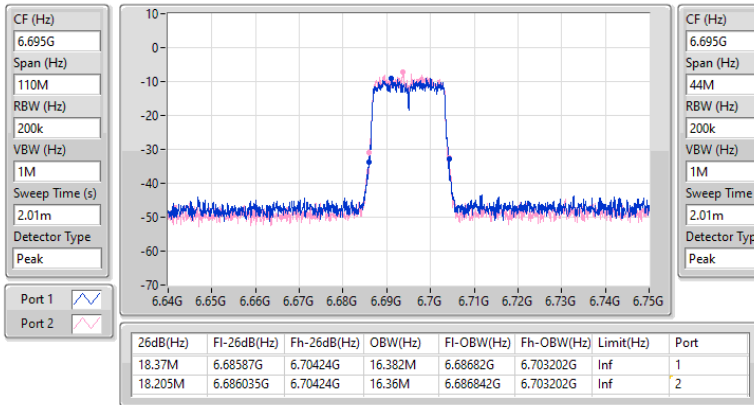

6.425-6.525GHz_802.11be EHT160_Nss1,(MCS0)_2TX
EBW
6505MHz

11/11/2024

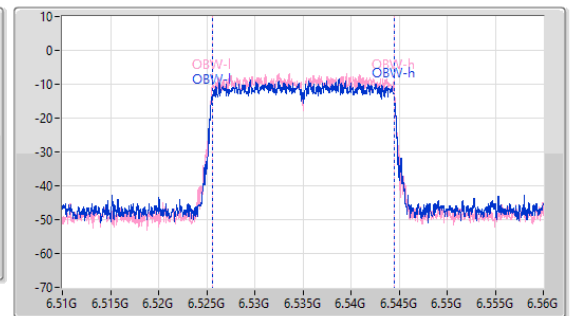
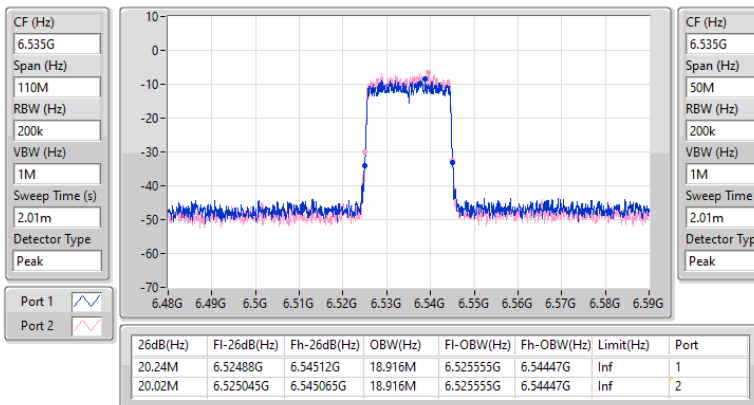


6.525-6.875GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
6695MHz

07/11/2024


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
6535MHz

07/11/2024

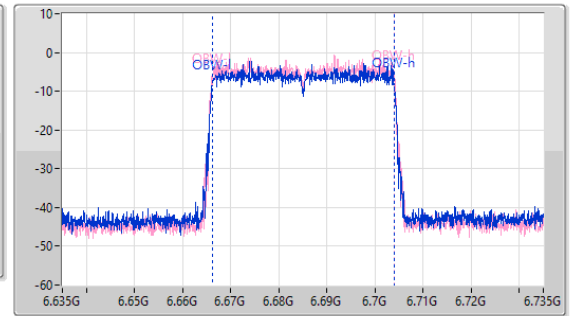
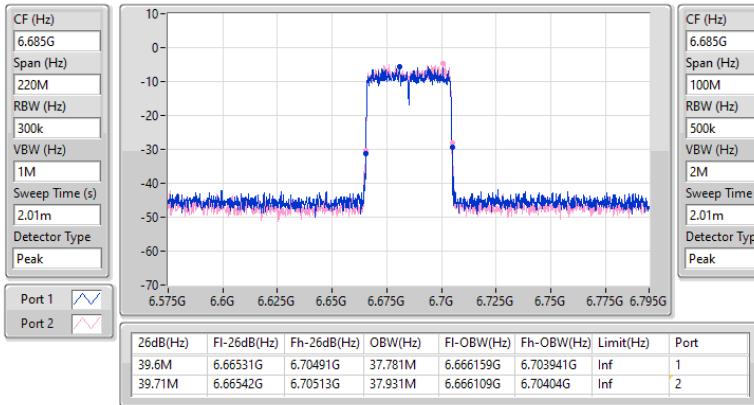


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

6685MHz

07/11/2024

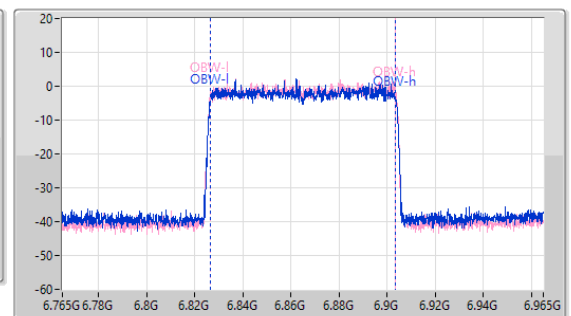
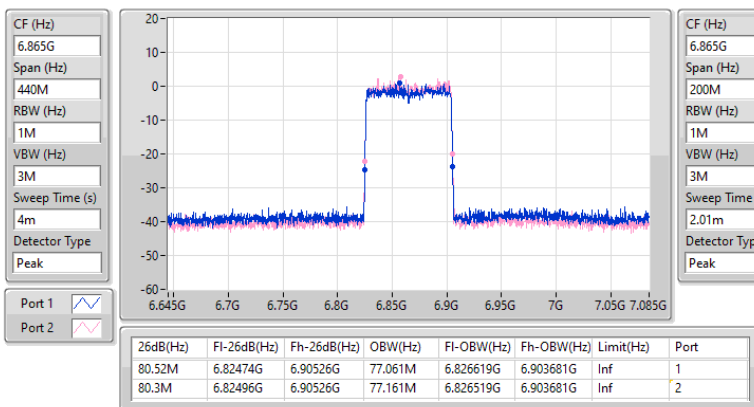


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

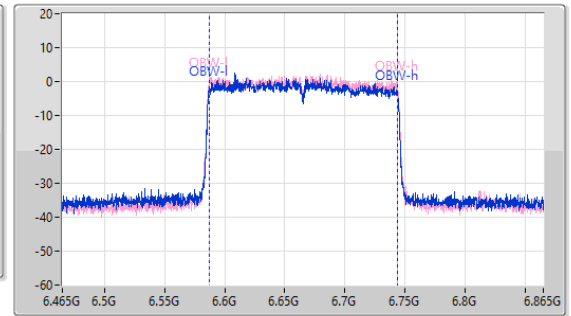
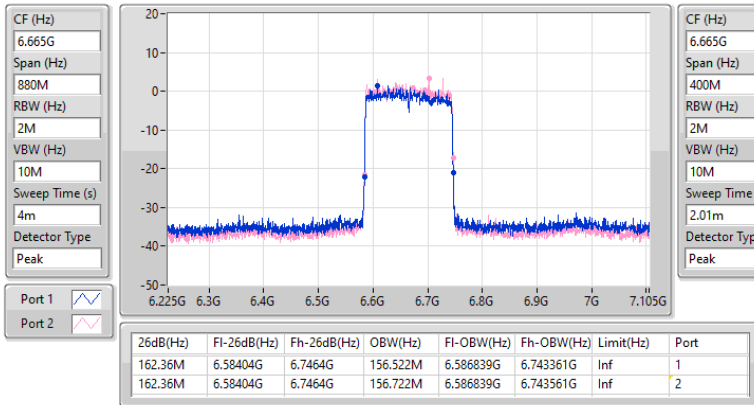
6865MHz

07/11/2024

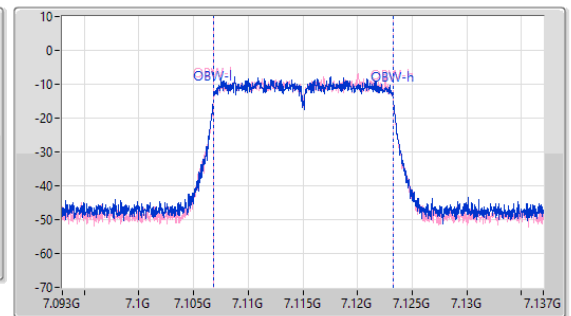
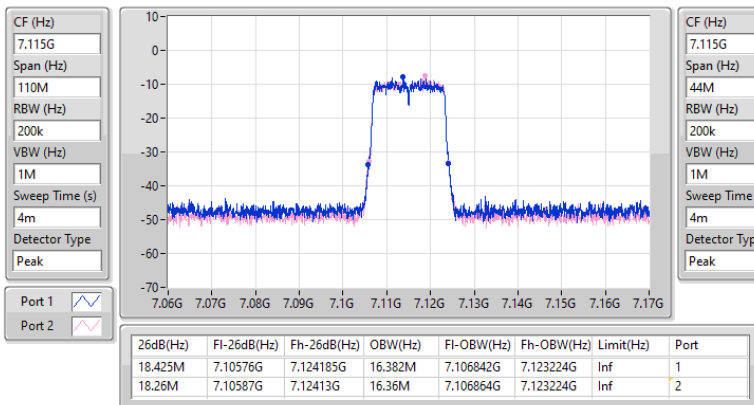


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_2TX
EBW
6665MHz

11/11/2024

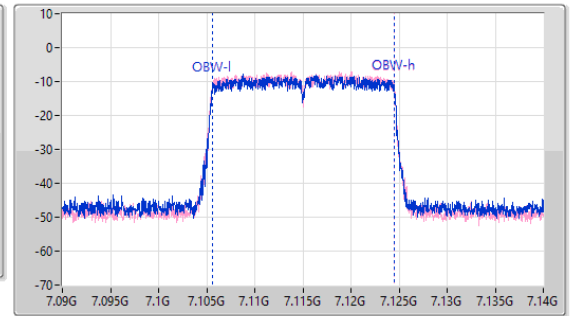
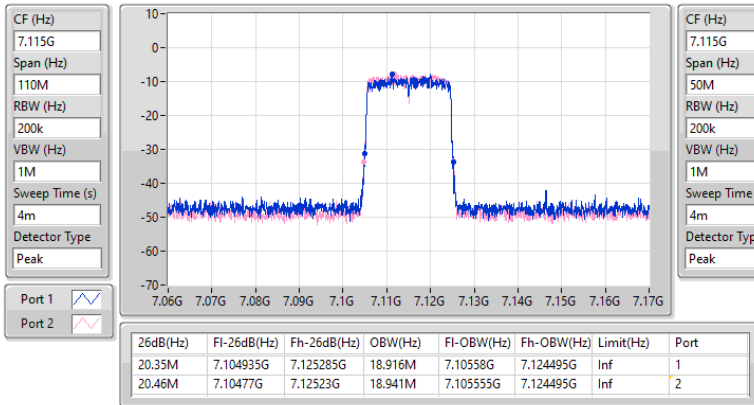

6.875-7.125GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
7115MHz

07/11/2024

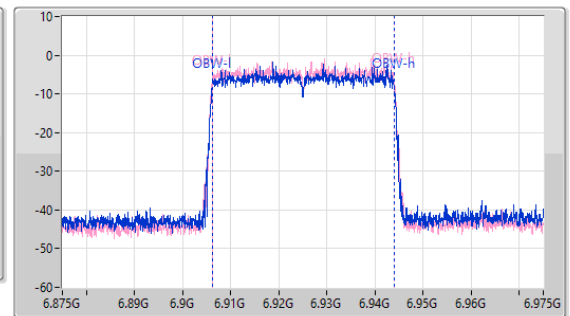


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
7115MHz

07/11/2024

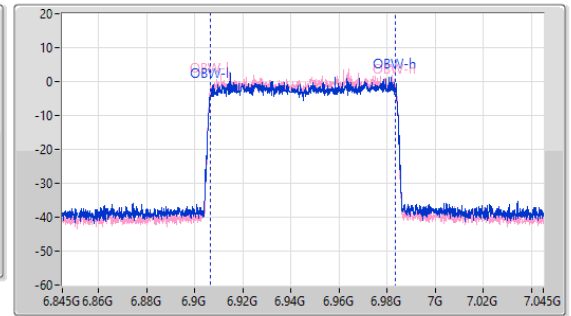
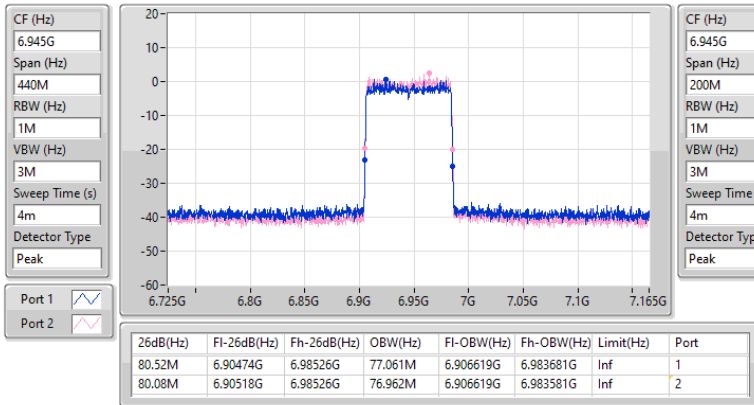

6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
6925MHz

07/11/2024

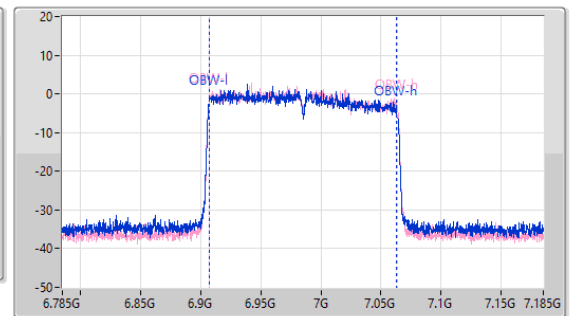
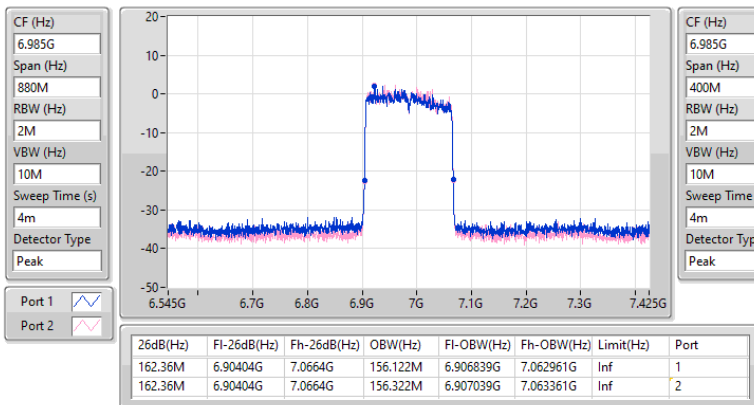


6.875-7.125GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
6945MHz

07/11/2024


6.875-7.125GHz_802.11be EHT160_Nss1,(MCS0)_2TX
EBW
6985MHz

11/11/2024



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	6.74	0.00472	9.54	0.00899
802.11be EHT20_Nss1,(MCS0)_2TX	7.28	0.00535	10.08	0.01019
802.11be EHT40_Nss1,(MCS0)_2TX	10.22	0.01052	13.02	0.02004
802.11be EHT80_Nss1,(MCS0)_2TX	13.47	0.02223	16.27	0.04236
802.11be EHT160_Nss1,(MCS0)_2TX	13.73	0.02360	16.53	0.04498
6.425-6.525GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	6.52	0.00449	9.32	0.00855
802.11be EHT20_Nss1,(MCS0)_2TX	7.27	0.00533	10.07	0.01016
802.11be EHT40_Nss1,(MCS0)_2TX	10.41	0.01099	13.21	0.02094
802.11be EHT80_Nss1,(MCS0)_2TX	13.56	0.02270	16.36	0.04325
802.11be EHT160_Nss1,(MCS0)_2TX	13.93	0.02472	16.73	0.04710
6.525-6.875GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	6.65	0.00462	9.45	0.00881
802.11be EHT20_Nss1,(MCS0)_2TX	7.25	0.00531	10.05	0.01012
802.11be EHT40_Nss1,(MCS0)_2TX	10.55	0.01135	13.35	0.02163
802.11be EHT80_Nss1,(MCS0)_2TX	13.56	0.02270	16.36	0.04325
802.11be EHT160_Nss1,(MCS0)_2TX	13.55	0.02265	16.35	0.04315
6.875-7.125GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	7.56	0.00570	10.36	0.01086
802.11be EHT20_Nss1,(MCS0)_2TX	7.98	0.00628	10.78	0.01197
802.11be EHT40_Nss1,(MCS0)_2TX	11.16	0.01306	13.96	0.02489
802.11be EHT80_Nss1,(MCS0)_2TX	13.54	0.02259	16.34	0.04305
802.11be EHT160_Nss1,(MCS0)_2TX	13.26	0.02118	16.06	0.04036

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	2.80	3.81	3.18	6.52	Inf	9.32	24.00
6195MHz	Pass	2.80	3.48	3.96	6.74	Inf	9.54	24.00
6415MHz	Pass	2.80	2.57	4.15	6.44	Inf	9.24	24.00
6435MHz	Pass	2.80	2.13	4.37	6.40	Inf	9.20	24.00
6475MHz	Pass	2.80	2.62	4.03	6.39	Inf	9.19	24.00
6515MHz	Pass	2.80	2.62	4.25	6.52	Inf	9.32	24.00
6535MHz	Pass	2.80	2.62	4.43	6.63	Inf	9.43	24.00
6695MHz	Pass	2.80	2.98	4.21	6.65	Inf	9.45	24.00
6875MHz	Pass	2.80	3.17	3.89	6.56	Inf	9.36	24.00
6895MHz	Pass	2.80	3.34	3.88	6.63	Inf	9.43	24.00
6995MHz	Pass	2.80	2.31	3.27	5.83	Inf	8.63	24.00
7095MHz	Pass	2.80	4.10	4.92	7.54	Inf	10.34	24.00
7115MHz	Pass	2.80	4.32	4.76	7.56	Inf	10.36	24.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	2.80	4.63	2.90	6.86	Inf	9.66	24.00
6195MHz	Pass	2.80	4.03	4.49	7.28	Inf	10.08	24.00
6415MHz	Pass	2.80	3.25	4.92	7.18	Inf	9.98	24.00
6435MHz	Pass	2.80	2.56	5.10	7.02	Inf	9.82	24.00
6475MHz	Pass	2.80	3.14	4.90	7.12	Inf	9.92	24.00
6515MHz	Pass	2.80	3.20	5.11	7.27	Inf	10.07	24.00
6535MHz	Pass	2.80	3.35	4.98	7.25	Inf	10.05	24.00
6695MHz	Pass	2.80	3.61	4.66	7.18	Inf	9.98	24.00
6875MHz	Pass	2.80	3.69	4.69	7.23	Inf	10.03	24.00
6895MHz	Pass	2.80	3.98	4.76	7.40	Inf	10.20	24.00
6995MHz	Pass	2.80	3.28	4.17	6.76	Inf	9.56	24.00
7095MHz	Pass	2.80	4.33	5.52	7.98	Inf	10.78	24.00
7115MHz	Pass	2.80	4.59	5.28	7.96	Inf	10.76	24.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5965MHz	Pass	2.80	7.28	6.92	10.11	Inf	12.91	24.00
6205MHz	Pass	2.80	6.88	7.52	10.22	Inf	13.02	24.00
6405MHz	Pass	2.80	6.40	7.89	10.22	Inf	13.02	24.00
6445MHz	Pass	2.80	5.71	8.10	10.08	Inf	12.88	24.00
6485MHz	Pass	2.80	6.40	8.22	10.41	Inf	13.21	24.00
6525MHz	Pass	2.80	6.45	8.07	10.35	Inf	13.15	24.00
6565MHz	Pass	2.80	5.87	7.96	10.05	Inf	12.85	24.00
6685MHz	Pass	2.80	6.66	7.89	10.33	Inf	13.13	24.00
6885MHz	Pass	2.80	7.21	7.85	10.55	Inf	13.35	24.00
6925MHz	Pass	2.80	6.90	8.17	10.59	Inf	13.39	24.00
7005MHz	Pass	2.80	6.52	7.26	9.92	Inf	12.72	24.00
7085MHz	Pass	2.80	7.70	8.56	11.16	Inf	13.96	24.00
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	2.80	10.71	10.19	13.47	Inf	16.27	24.00
6225MHz	Pass	2.80	9.92	10.71	13.34	Inf	16.14	24.00
6385MHz	Pass	2.80	9.56	10.92	13.30	Inf	16.10	24.00
6465MHz	Pass	2.80	9.39	11.46	13.56	Inf	16.36	24.00
6545MHz	Pass	2.80	9.28	11.02	13.25	Inf	16.05	24.00
6625MHz	Pass	2.80	9.68	10.97	13.38	Inf	16.18	24.00
6705MHz	Pass	2.80	9.93	11.03	13.53	Inf	16.33	24.00
6785MHz	Pass	2.80	9.82	11.18	13.56	Inf	16.36	24.00
6865MHz	Pass	2.80	10.12	10.80	13.48	Inf	16.28	24.00
6945MHz	Pass	2.80	9.93	11.06	13.54	Inf	16.34	24.00
7025MHz	Pass	2.80	10.02	10.63	13.35	Inf	16.15	24.00
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
6025MHz	Pass	2.80	10.26	10.08	13.18	Inf	15.98	24.00



Average Power

Appendix C

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
6185MHz	Pass	2.80	10.02	10.50	13.28	Inf	16.08	24.00
6345MHz	Pass	2.80	10.03	11.31	13.73	Inf	16.53	24.00
6505MHz	Pass	2.80	10.16	11.56	13.93	Inf	16.73	24.00
6665MHz	Pass	2.80	10.02	10.97	13.53	Inf	16.33	24.00
6825MHz	Pass	2.80	10.08	10.96	13.55	Inf	16.35	24.00
6985MHz	Pass	2.80	10.13	10.36	13.26	Inf	16.06	24.00

DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.925-6.425GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	-6.80	-1.04
802.11be EHT20_Nss1,(MCS0)_2TX	-6.78	-1.02
802.11be EHT40_Nss1,(MCS0)_2TX	-6.96	-1.20
802.11be EHT80_Nss1,(MCS0)_2TX	-6.85	-1.09
802.11be EHT160_Nss1,(MCS0)_2TX	-9.52	-3.76
6.425-6.525GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	-6.83	-1.07
802.11be EHT20_Nss1,(MCS0)_2TX	-6.86	-1.10
802.11be EHT40_Nss1,(MCS0)_2TX	-6.82	-1.06
802.11be EHT80_Nss1,(MCS0)_2TX	-6.84	-1.08
802.11be EHT160_Nss1,(MCS0)_2TX	-9.44	-3.68
6.525-6.875GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	-6.77	-1.01
802.11be EHT20_Nss1,(MCS0)_2TX	-6.82	-1.06
802.11be EHT40_Nss1,(MCS0)_2TX	-6.80	-1.04
802.11be EHT80_Nss1,(MCS0)_2TX	-6.83	-1.07
802.11be EHT160_Nss1,(MCS0)_2TX	-9.55	-3.79
6.875-7.125GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	-6.79	-1.03
802.11be EHT20_Nss1,(MCS0)_2TX	-6.77	-1.01
802.11be EHT40_Nss1,(MCS0)_2TX	-6.78	-1.02
802.11be EHT80_Nss1,(MCS0)_2TX	-6.78	-1.02
802.11be EHT160_Nss1,(MCS0)_2TX	-9.67	-3.91

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	5.76	-9.42	-10.06	-6.82	Inf	-1.06	-1.00
6195MHz	Pass	5.76	-10.07	-9.48	-6.84	Inf	-1.08	-1.00
6415MHz	Pass	5.76	-10.58	-9.05	-6.80	Inf	-1.04	-1.00
6435MHz	Pass	5.76	-11.15	-8.92	-7.02	Inf	-1.26	-1.00
6475MHz	Pass	5.76	-10.74	-9.25	-7.01	Inf	-1.25	-1.00
6515MHz	Pass	5.76	-10.77	-8.94	-6.83	Inf	-1.07	-1.00
6535MHz	Pass	5.76	-10.84	-8.71	-6.77	Inf	-1.01	-1.00
6695MHz	Pass	5.76	-10.47	-9.23	-6.86	Inf	-1.10	-1.00
6875MHz	Pass	5.76	-10.20	-9.45	-6.86	Inf	-1.10	-1.00
6895MHz	Pass	5.76	-10.07	-9.61	-6.95	Inf	-1.19	-1.00
6995MHz	Pass	5.76	-10.28	-9.25	-6.87	Inf	-1.11	-1.00
7095MHz	Pass	5.76	-10.23	-9.34	-6.82	Inf	-1.06	-1.00
7115MHz	Pass	5.76	-10.01	-9.42	-6.79	Inf	-1.03	-1.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	5.76	-9.18	-10.32	-6.85	Inf	-1.09	-1.00
6195MHz	Pass	5.76	-9.86	-9.34	-6.78	Inf	-1.02	-1.00
6415MHz	Pass	5.76	-10.60	-8.93	-6.78	Inf	-1.02	-1.00
6435MHz	Pass	5.76	-11.41	-8.92	-7.05	Inf	-1.29	-1.00
6475MHz	Pass	5.76	-10.73	-9.10	-6.89	Inf	-1.13	-1.00
6515MHz	Pass	5.76	-10.63	-9.03	-6.86	Inf	-1.10	-1.00
6535MHz	Pass	5.76	-10.76	-9.04	-6.90	Inf	-1.14	-1.00
6695MHz	Pass	5.76	-10.34	-9.29	-6.87	Inf	-1.11	-1.00
6875MHz	Pass	5.76	-10.27	-9.36	-6.82	Inf	-1.06	-1.00
6895MHz	Pass	5.76	-10.10	-9.49	-6.90	Inf	-1.14	-1.00
6995MHz	Pass	5.76	-10.11	-9.30	-6.77	Inf	-1.01	-1.00
7095MHz	Pass	5.76	-10.46	-9.45	-6.98	Inf	-1.22	-1.00
7115MHz	Pass	5.76	-10.16	-9.45	-6.84	Inf	-1.08	-1.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5965MHz	Pass	5.76	-9.80	-10.16	-7.06	Inf	-1.30	-1.00
6205MHz	Pass	5.76	-10.35	-9.61	-7.02	Inf	-1.26	-1.00
6405MHz	Pass	5.76	-10.70	-9.25	-6.96	Inf	-1.20	-1.00
6445MHz	Pass	5.76	-11.09	-8.89	-6.89	Inf	-1.13	-1.00
6485MHz	Pass	5.76	-10.73	-8.97	-6.82	Inf	-1.06	-1.00
6525MHz	Pass	5.76	-10.65	-9.07	-6.83	Inf	-1.07	-1.00
6565MHz	Pass	5.76	-10.81	-9.04	-7.01	Inf	-1.25	-1.00
6685MHz	Pass	5.76	-10.45	-9.39	-6.93	Inf	-1.17	-1.00
6885MHz	Pass	5.76	-9.94	-9.53	-6.80	Inf	-1.04	-1.00
6925MHz	Pass	5.76	-10.46	-9.24	-6.86	Inf	-1.10	-1.00
7005MHz	Pass	5.76	-10.29	-9.39	-6.84	Inf	-1.08	-1.00
7085MHz	Pass	5.76	-10.29	-9.28	-6.78	Inf	-1.02	-1.00
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	5.76	-9.59	-10.01	-6.85	Inf	-1.09	-1.00
6225MHz	Pass	5.76	-10.22	-9.63	-6.98	Inf	-1.22	-1.00
6385MHz	Pass	5.76	-10.28	-9.36	-6.86	Inf	-1.10	-1.00
6465MHz	Pass	5.76	-10.97	-8.91	-6.84	Inf	-1.08	-1.00
6545MHz	Pass	5.76	-10.50	-9.32	-6.91	Inf	-1.15	-1.00
6625MHz	Pass	5.76	-10.52	-9.22	-6.85	Inf	-1.09	-1.00
6705MHz	Pass	5.76	-10.43	-9.31	-6.84	Inf	-1.08	-1.00
6785MHz	Pass	5.76	-10.50	-9.10	-6.83	Inf	-1.07	-1.00
6865MHz	Pass	5.76	-10.24	-9.52	-6.96	Inf	-1.20	-1.00
6945MHz	Pass	5.76	-10.26	-9.25	-6.83	Inf	-1.07	-1.00
7025MHz	Pass	5.76	-10.23	-9.36	-6.78	Inf	-1.02	-1.00
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
6025MHz	Pass	5.76	-12.58	-12.88	-9.79	Inf	-4.03	-1.00

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
6185MHz	Pass	5.76	-12.59	-12.43	-9.52	Inf	-3.76	-1.00
6345MHz	Pass	5.76	-13.25	-11.76	-9.53	Inf	-3.77	-1.00
6505MHz	Pass	5.76	-12.94	-11.75	-9.44	Inf	-3.68	-1.00
6665MHz	Pass	5.76	-13.03	-12.12	-9.55	Inf	-3.79	-1.00
6825MHz	Pass	5.76	-12.81	-12.17	-9.55	Inf	-3.79	-1.00
6985MHz	Pass	5.76	-12.96	-12.38	-9.67	Inf	-3.91	-1.00

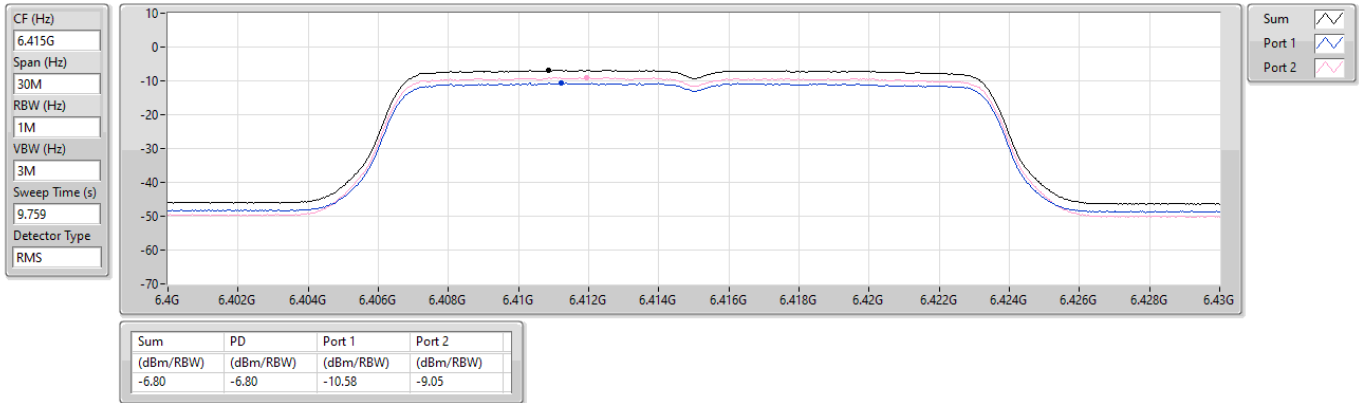
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
 Inf = There's no restriction for the limit.

5.925-6.425GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

6415MHz

07/11/2024

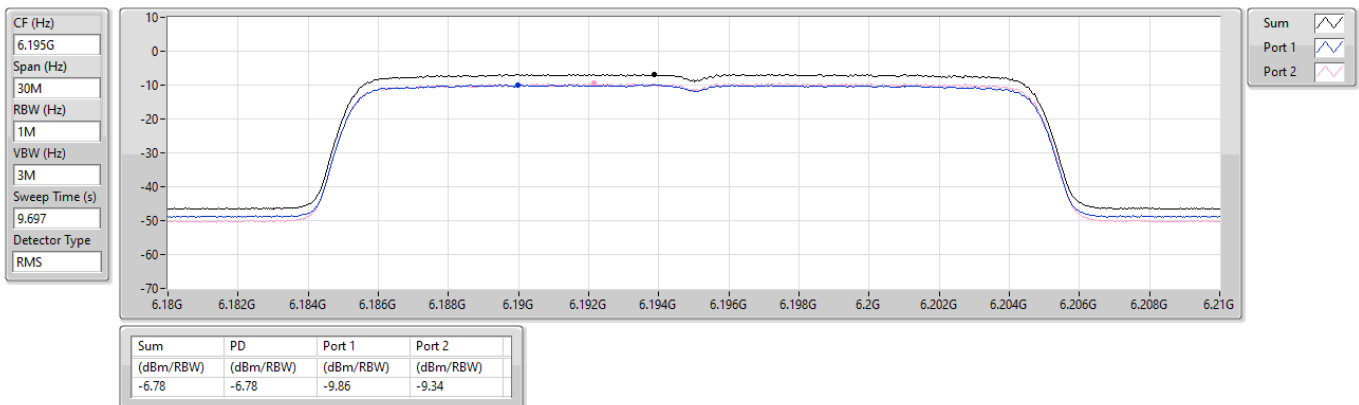


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

6195MHz

07/11/2024



5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

6405MHz

07/11/2024

CF (Hz)
6.405G

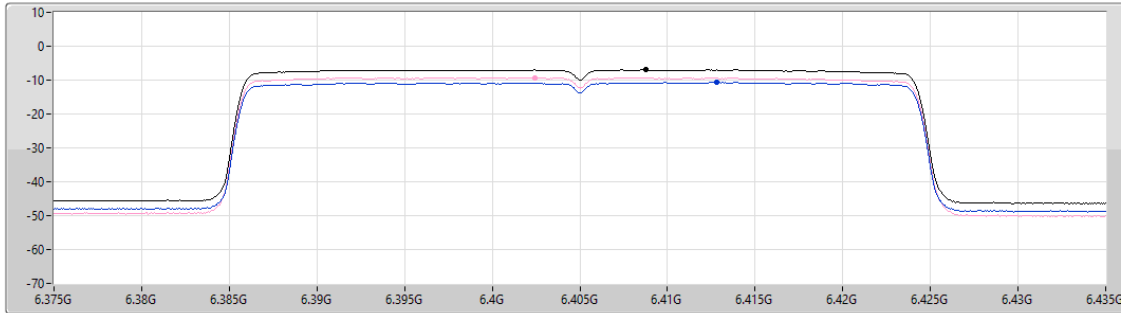
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
9.665

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.96	-6.96	-10.70	-9.25

5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_2TX

PSD

5985MHz

07/11/2024

CF (Hz)
5.985G

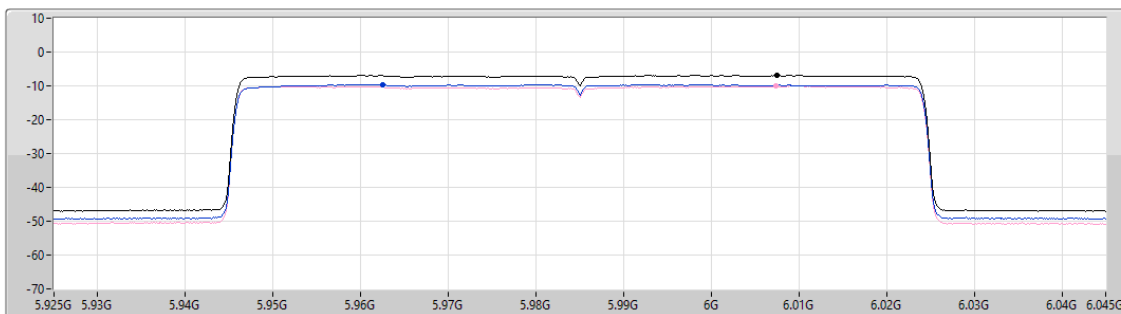
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
10.072

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.85	-6.85	-9.59	-10.01

5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_2TX

PSD

6185MHz

11/11/2024

CF (Hz)
6.185G

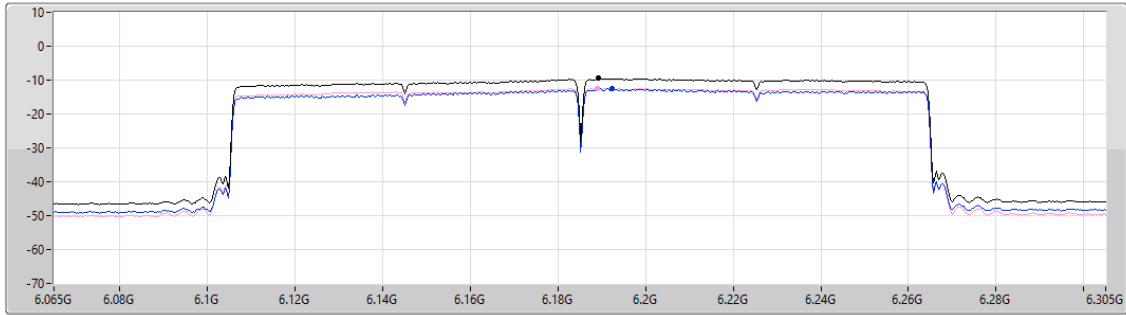
Span (Hz)
240M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
10.072

Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-9.52	-9.52	-12.59	-12.43

Sum ☒

Port 1 ☒

Port 2 ☒

6.425-6.525GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

6515MHz

07/11/2024

CF (Hz)
6.515G

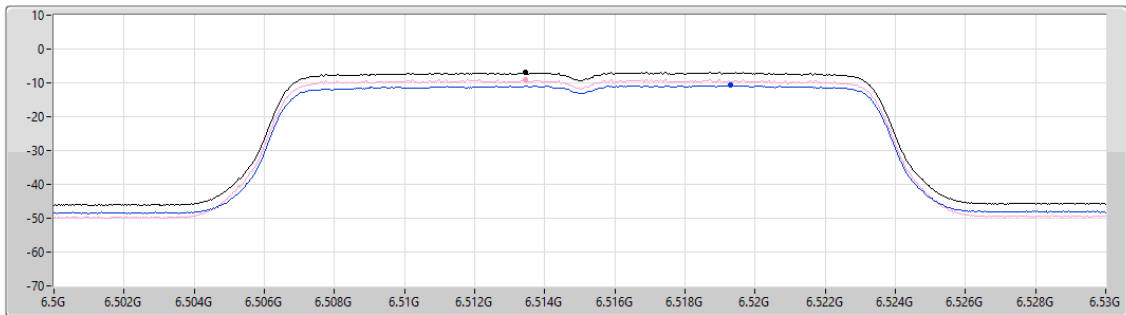
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
9.759

Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.83	-6.83	-10.77	-8.94

Sum ☒

Port 1 ☒

Port 2 ☒

6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

6515MHz

07/11/2024

CF (Hz)
6.515G

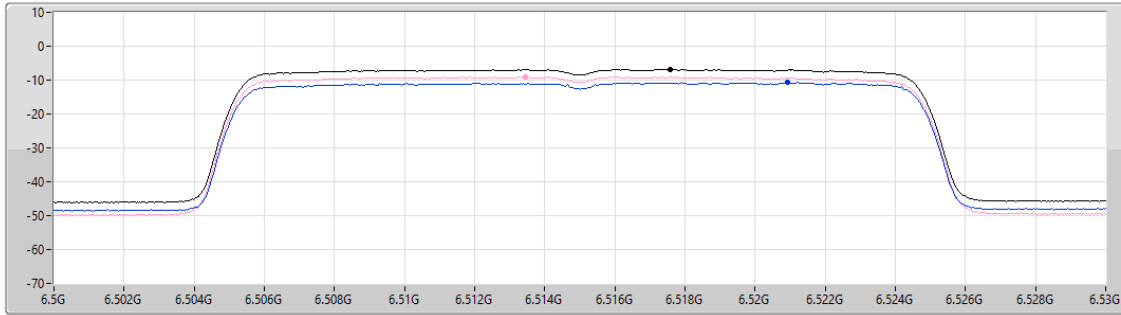
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
9.697

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.86	-6.86	-10.63	-9.03

6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

6485MHz

07/11/2024

CF (Hz)
6.485G

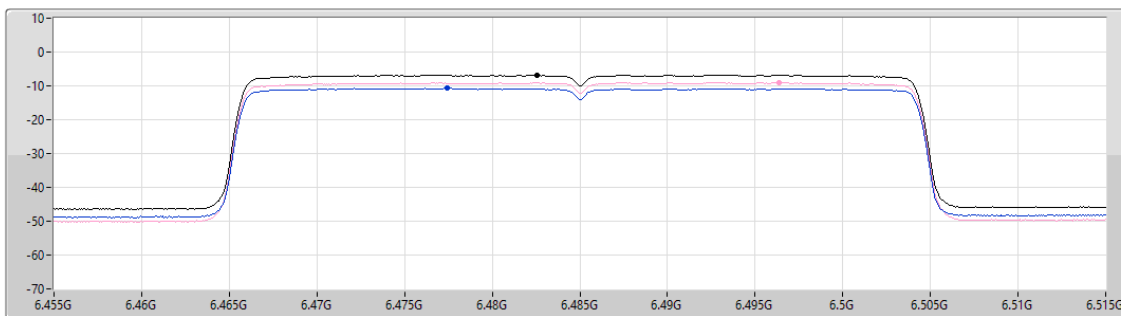
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
9.665

Detector Type
RMS



Sum 

Port 1 

Port 2 

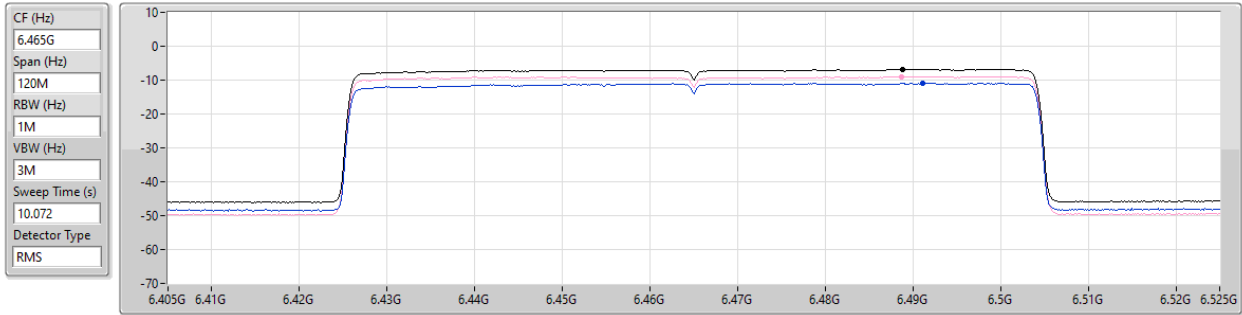
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.82	-6.82	-10.73	-8.97

6.425-6.525GHz_802.11be EHT80_Nss1,(MCS0)_2TX

PSD

6465MHz

07/11/2024



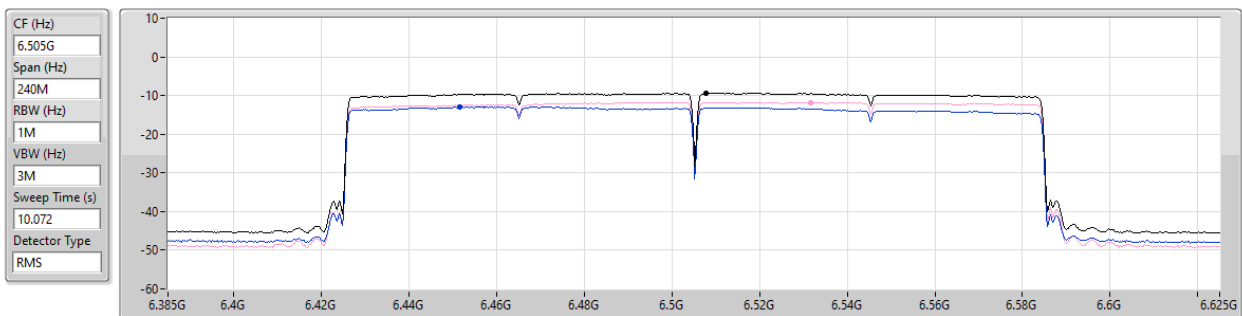
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.84	-6.84	-10.97	-8.91

6.425-6.525GHz_802.11be EHT160_Nss1,(MCS0)_2TX

PSD

6505MHz

11/11/2024



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-9.44	-9.44	-12.94	-11.75

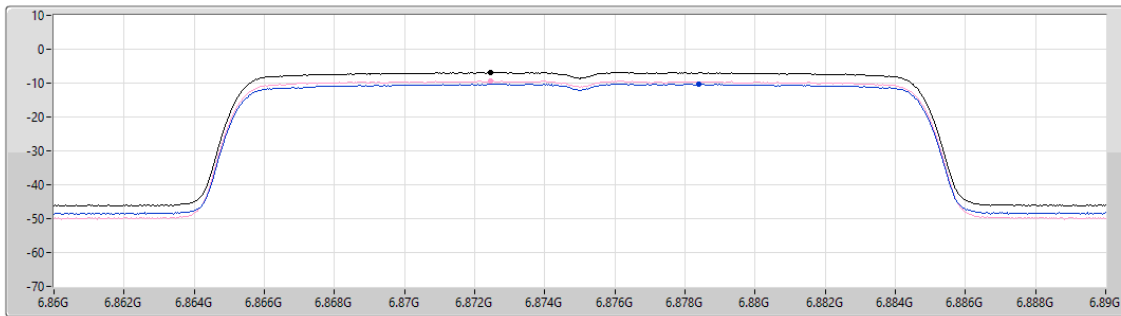
6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

6875MHz

07/11/2024

CF (Hz)
6.875G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
9.697
Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.82	-6.82	-10.27	-9.36

Sum
Port 1
Port 2

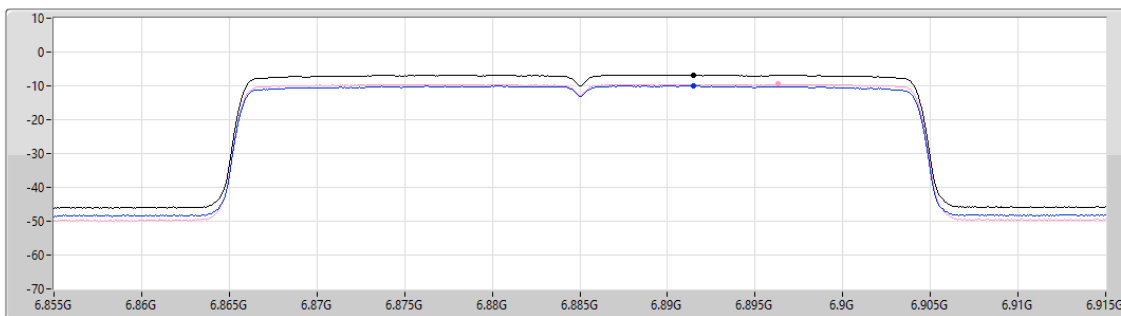
6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

6885MHz

07/11/2024

CF (Hz)
6.885G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
9.665
Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.80	-6.80	-9.94	-9.53

Sum
Port 1
Port 2

6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_2TX

PSD

6785MHz

07/11/2024

CF (Hz)
6.785G

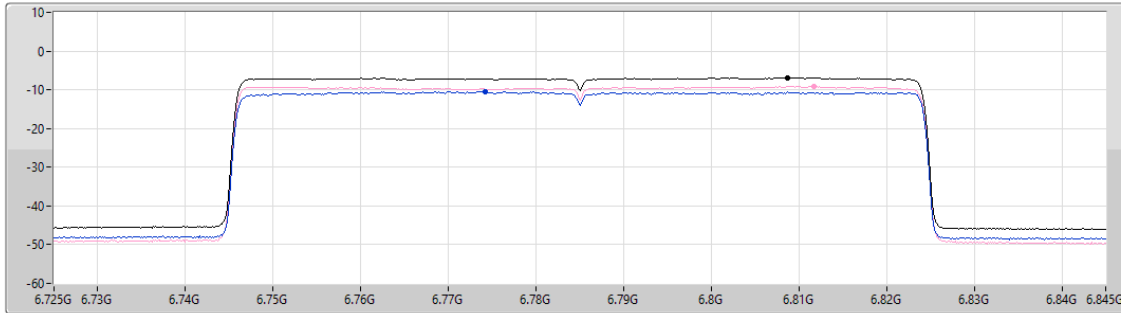
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
10.072

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.83	-6.83	-10.50	-9.10

6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_2TX

PSD

6665MHz

11/11/2024

CF (Hz)
6.665G

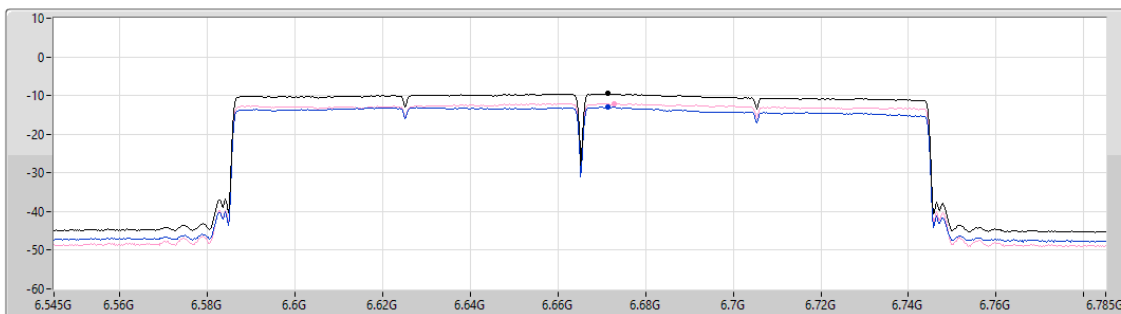
Span (Hz)
240M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
10.072

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-9.55	-9.55	-13.03	-12.12

6.875-7.125GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

7115MHz

07/11/2024

CF (Hz)
7.115G

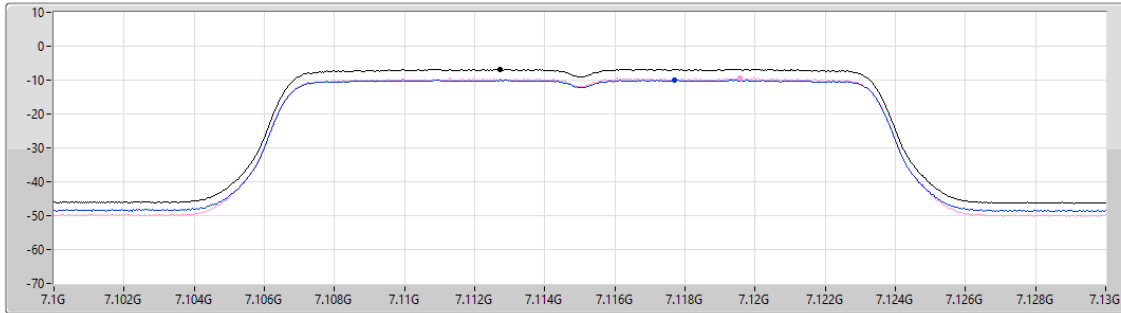
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
9.759

Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.79	-6.79	-10.01	-9.42

Sum 

Port 1 

Port 2 

6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

6995MHz

07/11/2024

CF (Hz)
6.995G

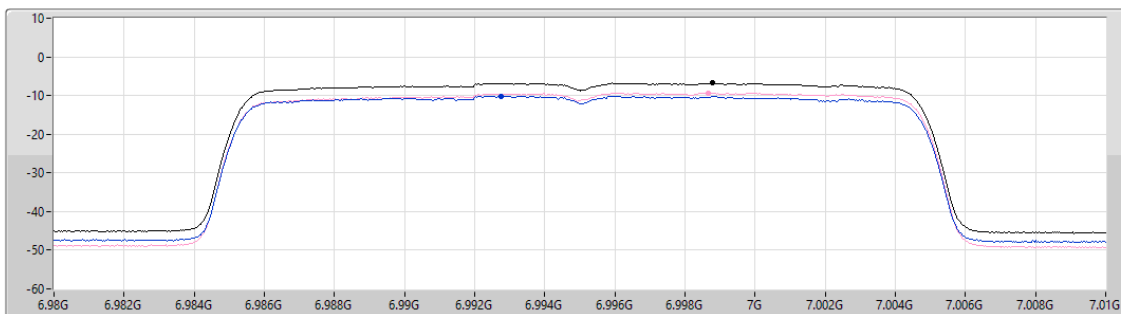
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
9.697

Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.77	-6.77	-10.11	-9.30

Sum 

Port 1 

Port 2 

6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

7085MHz

07/11/2024

CF (Hz)
7.085G

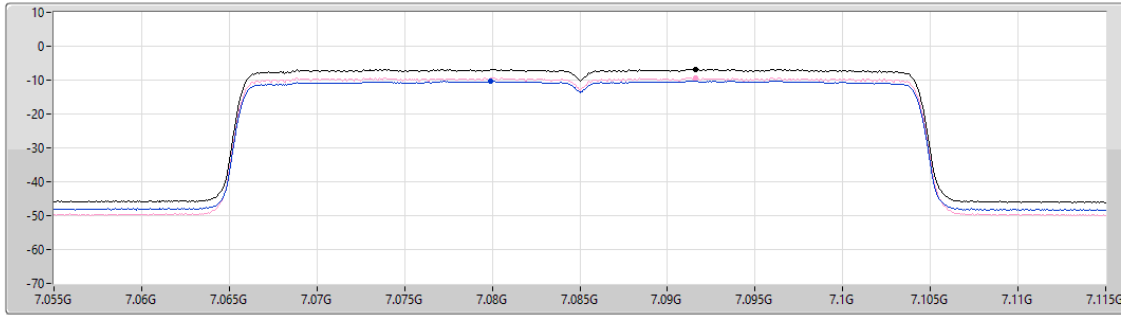
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
9.665

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.78	-6.78	-10.29	-9.28

6.875-7.125GHz_802.11be EHT80_Nss1,(MCS0)_2TX

PSD

7025MHz

07/11/2024

CF (Hz)
7.025G

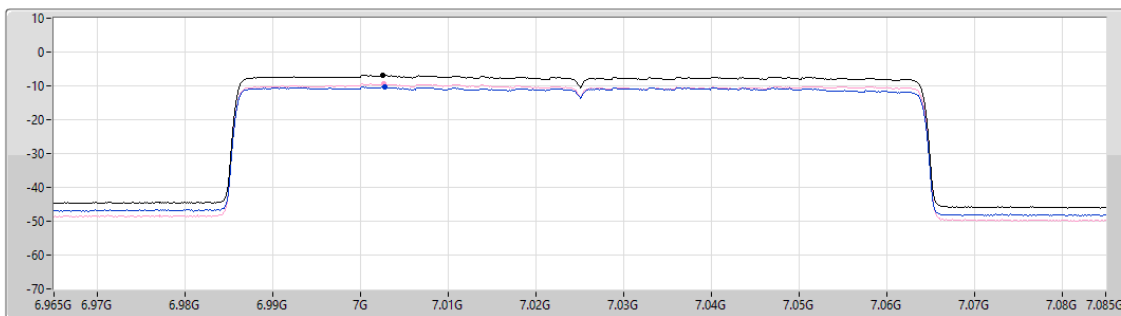
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
10.072

Detector Type
RMS



Sum 

Port 1 

Port 2 

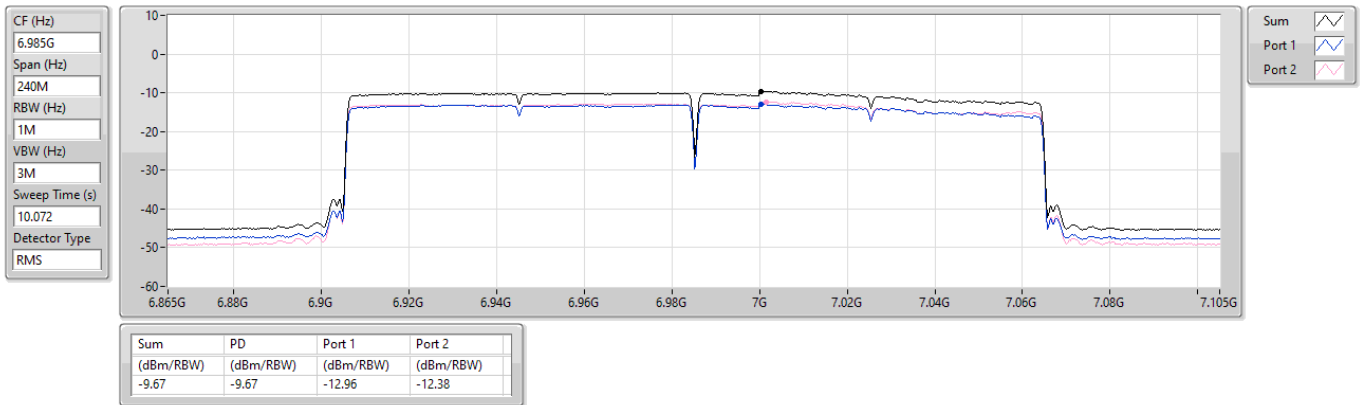
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.78	-6.78	-10.23	-9.36

6.875-7.125GHz_802.11be EHT160_Nss1,(MCS0)_2TX

PSD

6985MHz

11/11/2024



Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
5.925-6.425GHz	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	5.957524G	-14.91	5.9919G	-70.37	-54.91	-15.46	2
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	6.419999G	-15.54	6.382875G	-70.27	-55.54	-14.73	1
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	6.213298G	-13.52	6.26875G	-68.35	-53.52	-14.83	1
802.11be EHT80_Nss1,(MCS0)_2TX	Pass	6.25329G	-8.36	6.3554G	-62.83	-48.36	-14.47	1
802.11be EHT160_Nss1,(MCS0)_2TX	Pass	6.0328G	-7.82	6.1072G	-35.77	-27.82	-7.95	1
6.425-6.525GHz	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	6.440649G	-16.28	6.40285G	-70.74	-56.28	-14.46	1
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	6.431326G	-16.10	6.4031G	-70.41	-56.10	-14.31	1
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	6.481951G	-13.86	6.54875G	-68.62	-53.86	-14.76	1
802.11be EHT80_Nss1,(MCS0)_2TX	Pass	6.4521G	-9.00	6.3326G	-63.19	-49.00	-14.19	1
802.11be EHT160_Nss1,(MCS0)_2TX	Pass	6.45981G	-8.02	6.587G	-36.51	-28.02	-8.49	1
6.525-6.875GHz	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	6.533175G	-15.65	6.567025G	-70.11	-55.65	-14.46	1
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	6.532201G	-15.48	6.570075G	-70.50	-55.48	-15.02	1
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	6.875102G	-12.96	6.9478G	-68.19	-52.96	-15.23	1
802.11be EHT80_Nss1,(MCS0)_2TX	Pass	6.7193G	-8.28	6.5614G	-62.33	-48.28	-14.05	1
802.11be EHT160_Nss1,(MCS0)_2TX	Pass	6.6538G	-7.25	6.7472G	-35.58	-27.25	-8.33	2
6.875-7.125GHz	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	7.001248G	-15.45	6.96315G	-69.26	-55.45	-13.81	1
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	7.001173G	-15.46	6.963225G	-69.75	-55.46	-14.29	1
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	6.991153G	-13.84	6.94425G	-68.40	-53.84	-14.56	1
802.11be EHT80_Nss1,(MCS0)_2TX	Pass	6.99321G	-8.56	6.8994G	-63.07	-48.56	-14.51	1
802.11be EHT160_Nss1,(MCS0)_2TX	Pass	7.0008G	-7.91	7.0672G	-37.36	-27.91	-9.45	2

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	5.961273G	-13.96	5.991025G	-70.23	-53.96	-16.27	1
5955MHz	Pass	5.957524G	-14.91	5.9919G	-70.37	-54.91	-15.46	2
6195MHz	Pass	6.196575G	-14.76	6.23135G	-70.44	-54.76	-15.68	1
6195MHz	Pass	6.190051G	-14.21	6.23085G	-71.22	-54.21	-17.01	2
6415MHz	Pass	6.4134G	-15.57	6.383175G	-71.06	-55.57	-15.49	1
6415MHz	Pass	6.410651G	-13.73	6.451625G	-70.14	-53.73	-16.41	2
6435MHz	Pass	6.440649G	-16.28	6.40285G	-70.74	-56.28	-14.46	1
6435MHz	Pass	6.432501G	-13.74	6.4718G	-70.34	-53.74	-16.60	2
6475MHz	Pass	6.480049G	-15.54	6.510875G	-70.28	-55.54	-14.74	1
6475MHz	Pass	6.470401G	-14.48	6.512175G	-70.67	-54.48	-16.19	2
6515MHz	Pass	6.519724G	-15.53	6.5524G	-70.80	-55.53	-15.27	1
6515MHz	Pass	6.519999G	-13.73	6.550575G	-70.30	-53.73	-16.57	2
6535MHz	Pass	6.533175G	-15.65	6.567025G	-70.11	-55.65	-14.46	1
6535MHz	Pass	6.53375G	-13.37	6.57225G	-69.71	-53.37	-16.34	2
6695MHz	Pass	6.692526G	-14.98	6.7318G	-70.28	-54.98	-15.30	1
6695MHz	Pass	6.6969G	-13.88	6.731275G	-69.96	-53.88	-16.08	2
6875MHz	Pass	6.872851G	-15.06	6.910425G	-69.94	-55.06	-14.88	1
6875MHz	Pass	6.8735G	-14.39	6.8431G	-70.26	-54.39	-15.87	2
6895MHz	Pass	6.89595G	-14.87	6.9317G	-70.27	-54.87	-15.40	1
6895MHz	Pass	6.897524G	-14.03	6.863125G	-70.02	-54.03	-15.99	2
6995MHz	Pass	7.001248G	-15.45	6.96315G	-69.26	-55.45	-13.81	1
6995MHz	Pass	7.000299G	-14.37	6.96305G	-70.36	-54.37	-15.99	2
7095MHz	Pass	7.097574G	-14.83	7.062675G	-69.95	-54.83	-15.12	1
7095MHz	Pass	7.100049G	-14.03	7.062825G	-69.42	-54.03	-15.39	2
7115MHz	Pass	7.110051G	-14.59	7.0722G	-70.40	-54.59	-15.81	1
7115MHz	Pass	7.119399G	-14.17	7.0827G	-70.63	-54.17	-16.46	2
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	5.957824G	-13.85	5.992025G	-68.96	-53.85	-15.11	1
5955MHz	Pass	5.952651G	-14.98	5.923575G	-70.89	-54.98	-15.91	2
6195MHz	Pass	6.191201G	-14.68	6.231625G	-70.27	-54.68	-15.59	1
6195MHz	Pass	6.197274G	-14.51	6.2311G	-70.46	-54.51	-15.95	2
6415MHz	Pass	6.419999G	-15.54	6.382875G	-70.27	-55.54	-14.73	1
6415MHz	Pass	6.412526G	-13.61	6.45185G	-69.77	-53.61	-16.16	2
6435MHz	Pass	6.431326G	-16.10	6.4031G	-70.41	-56.10	-14.31	1
6435MHz	Pass	6.438849G	-13.50	6.403325G	-70.11	-53.50	-16.61	2
6475MHz	Pass	6.479324G	-15.28	6.512325G	-70.96	-55.28	-15.68	1
6475MHz	Pass	6.472751G	-13.97	6.443225G	-69.89	-53.97	-15.92	2
6515MHz	Pass	6.516275G	-15.17	6.55145G	-69.87	-55.17	-14.70	1
6515MHz	Pass	6.518499G	-13.49	6.551125G	-69.51	-53.49	-16.02	2
6535MHz	Pass	6.532201G	-15.48	6.570075G	-70.50	-55.48	-15.02	1
6535MHz	Pass	6.531301G	-13.67	6.57215G	-69.17	-53.67	-15.50	2
6695MHz	Pass	6.693125G	-14.77	6.73165G	-70.24	-54.77	-15.47	1
6695MHz	Pass	6.700224G	-13.78	6.730775G	-69.49	-53.78	-15.71	2
6875MHz	Pass	6.871451G	-15.07	6.84275G	-70.36	-55.07	-15.29	1
6875MHz	Pass	6.876325G	-13.85	6.842825G	-69.39	-53.85	-15.54	2
6895MHz	Pass	6.89375G	-14.96	6.93225G	-69.95	-54.96	-14.99	1
6895MHz	Pass	6.900024G	-14.33	6.86325G	-69.43	-54.33	-15.10	2
6995MHz	Pass	7.001173G	-15.46	6.963225G	-69.75	-55.46	-14.29	1
6995MHz	Pass	7.000024G	-14.03	6.963225G	-70.12	-54.03	-16.09	2
7095MHz	Pass	7.097424G	-15.18	7.052575G	-70.17	-55.18	-14.99	1
7095MHz	Pass	7.098899G	-14.05	7.06365G	-69.56	-54.05	-15.51	2
7115MHz	Pass	7.114525G	-14.86	7.151525G	-70.35	-54.86	-15.49	1
7115MHz	Pass	7.11876G	-14.23	7.08255G	-69.70	-54.23	-15.47	2
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
5965MHz	Pass	5.978547G	-12.80	6.02895G	-68.70	-52.80	-15.90	1
5965MHz	Pass	5.953903G	-13.12	6.02725G	-69.79	-53.12	-16.67	2
6205MHz	Pass	6.213298G	-13.52	6.26875G	-68.35	-53.52	-14.83	1
6205MHz	Pass	6.199101G	-12.56	6.2647G	-69.70	-52.56	-17.14	2
6405MHz	Pass	6.407599G	-13.69	6.46905G	-69.07	-53.69	-15.38	1
6405MHz	Pass	6.401351G	-11.71	6.4686G	-69.14	-51.71	-17.43	2
6445MHz	Pass	6.458297G	-13.91	6.386G	-69.01	-53.91	-15.10	1
6445MHz	Pass	6.454098G	-11.95	6.5036G	-68.27	-51.76	-16.51	2
6485MHz	Pass	6.481951G	-13.86	6.54875G	-68.62	-53.86	-14.76	1
6485MHz	Pass	6.496247G	-11.64	6.54705G	-68.67	-51.64	-17.03	2
6525MHz	Pass	6.519151G	-13.56	6.59G	-68.58	-53.56	-15.02	1
6525MHz	Pass	6.536397G	-11.94	6.58885G	-68.48	-51.94	-16.54	2
6565MHz	Pass	6.573498G	-13.91	6.5003G	-69.38	-53.91	-15.47	1
6565MHz	Pass	6.551153G	-12.23	6.62755G	-68.77	-52.23	-16.54	2
6685MHz	Pass	6.681351G	-13.42	6.6248G	-68.97	-53.42	-15.55	1
6685MHz	Pass	6.693848G	-12.32	6.74615G	-69.02	-52.32	-16.70	2
6885MHz	Pass	6.875102G	-12.96	6.9478G	-68.19	-52.96	-15.23	1
6885MHz	Pass	6.875652G	-12.66	6.8261G	-67.91	-52.56	-15.35	2
6925MHz	Pass	6.922701G	-13.45	6.98335G	-67.82	-52.91	-14.91	1
6925MHz	Pass	6.9263G	-12.21	6.9892G	-68.71	-52.21	-16.50	2
7005MHz	Pass	6.991153G	-13.84	6.94425G	-68.40	-53.84	-14.56	1
7005MHz	Pass	6.995452G	-13.08	6.946G	-68.78	-53.08	-15.70	2
7085MHz	Pass	7.071803G	-13.53	6.9966G	-68.15	-53.53	-14.62	1
7085MHz	Pass	7.074503G	-12.59	7.0221G	-68.27	-52.59	-15.68	2
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	5.9797G	-7.17	6.1088G	-62.40	-47.17	-15.23	1
5985MHz	Pass	6G	-8.03	6.1062G	-64.24	-48.03	-16.21	2
6225MHz	Pass	6.25329G	-8.36	6.3554G	-62.83	-48.36	-14.47	1
6225MHz	Pass	6.19611G	-7.58	6.3466G	-63.51	-47.58	-15.93	2
6385MHz	Pass	6.41189G	-8.53	6.509G	-63.76	-48.53	-15.23	1
6385MHz	Pass	6.3896G	-7.33	6.5071G	-62.58	-47.33	-15.25	2
6465MHz	Pass	6.4521G	-9.00	6.3326G	-63.19	-49.00	-14.19	1
6465MHz	Pass	6.50059G	-6.88	6.5895G	-62.95	-46.88	-16.07	2
6545MHz	Pass	6.5609G	-8.81	6.4077G	-63.60	-48.81	-14.79	1
6545MHz	Pass	6.56879G	-7.44	6.6688G	-62.11	-47.44	-14.67	2
6625MHz	Pass	6.65479G	-8.73	6.4942G	-63.45	-48.73	-14.72	1
6625MHz	Pass	6.59161G	-7.28	6.5013G	-63.10	-47.28	-15.82	2
6705MHz	Pass	6.7193G	-8.28	6.5614G	-62.33	-48.28	-14.05	1
6705MHz	Pass	6.6888G	-7.12	6.5847G	-63.16	-47.08	-16.08	2
6785MHz	Pass	6.7699G	-8.48	6.6578G	-63.06	-48.48	-14.58	1
6785MHz	Pass	6.8G	-7.03	6.6645G	-63.29	-47.03	-16.26	2
6865MHz	Pass	6.84351G	-8.39	6.7355G	-62.73	-48.39	-14.34	1
6865MHz	Pass	6.89699G	-7.53	6.7409G	-63.04	-47.53	-15.51	2
6945MHz	Pass	6.98069G	-8.46	6.8181G	-63.05	-48.46	-14.59	1
6945MHz	Pass	6.9556G	-7.32	6.8239G	-63.16	-47.32	-15.84	2
7025MHz	Pass	6.99321G	-8.56	6.8994G	-63.07	-48.56	-14.51	1
7025MHz	Pass	6.99081G	-7.83	6.894G	-63.19	-47.83	-15.36	2
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
6025MHz	Pass	6.0328G	-7.82	6.1072G	-35.77	-27.82	-7.95	1
6025MHz	Pass	6.0284G	-8.14	6.1072G	-36.32	-28.14	-8.18	2
6185MHz	Pass	6.192G	-7.61	6.2674G	-36.45	-27.61	-8.84	1
6185MHz	Pass	6.1902G	-7.52	6.2674G	-36.89	-27.52	-9.37	2
6345MHz	Pass	6.31781G	-8.39	6.4274G	-38.06	-28.39	-9.67	1
6345MHz	Pass	6.37799G	-6.83	6.4274G	-35.20	-26.83	-8.37	2
6505MHz	Pass	6.45981G	-8.02	6.587G	-36.51	-28.02	-8.49	1
6505MHz	Pass	6.53199G	-6.81	6.5874G	-35.76	-26.81	-8.95	2

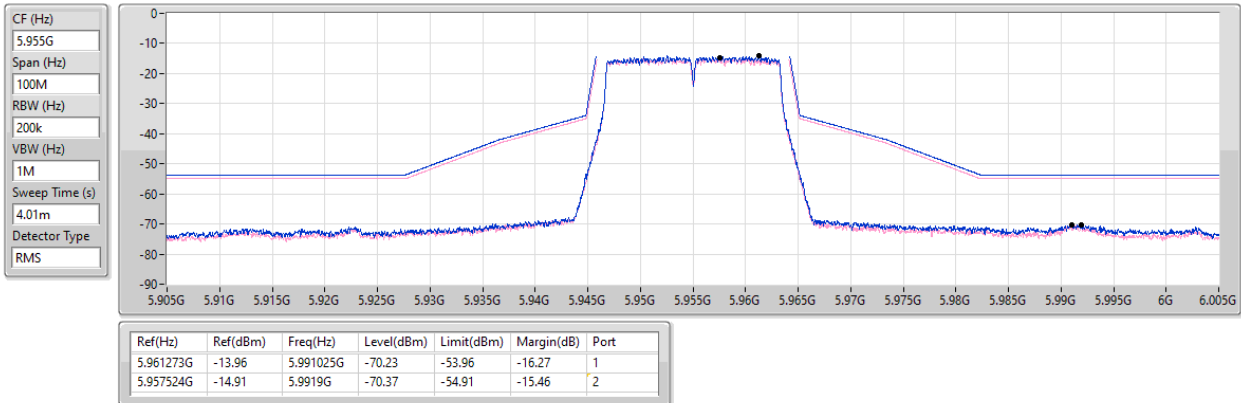
Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
6665MHz	Pass	6.63601G	-8.24	6.7472G	-37.08	-28.24	-8.84	1
6665MHz	Pass	6.6538G	-7.25	6.7472G	-35.58	-27.25	-8.33	2
6825MHz	Pass	6.78081G	-5.32	6.7428G	-35.69	-25.32	-10.37	1
6825MHz	Pass	6.77761G	-4.60	6.7424G	-34.60	-24.64	-9.96	2
6985MHz	Pass	6.92801G	-8.25	6.9028G	-38.19	-28.25	-9.94	1
6985MHz	Pass	7.0008G	-7.91	7.0672G	-37.36	-27.91	-9.45	2

5.925-6.425GHz_802.11a_Nss1,(6Mbps)_2TX

MASK

5955MHz_TX

07/11/2024

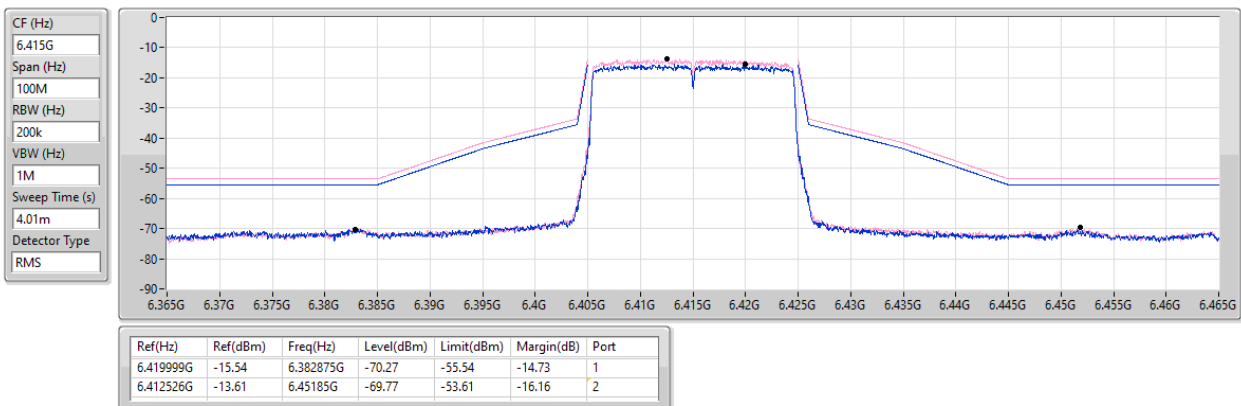


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_2TX

MASK

6415MHz_TX

07/11/2024

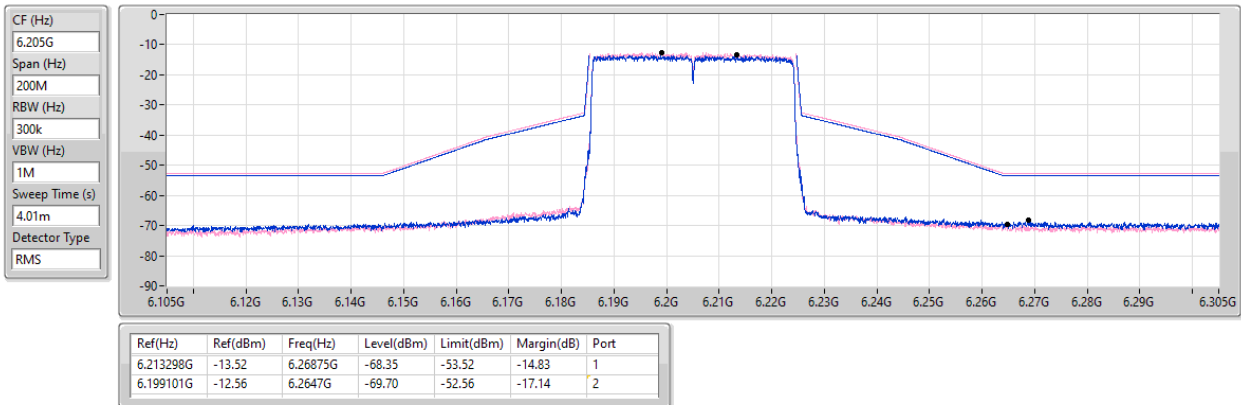


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_2TX

MASK

6205MHz_TX

07/11/2024

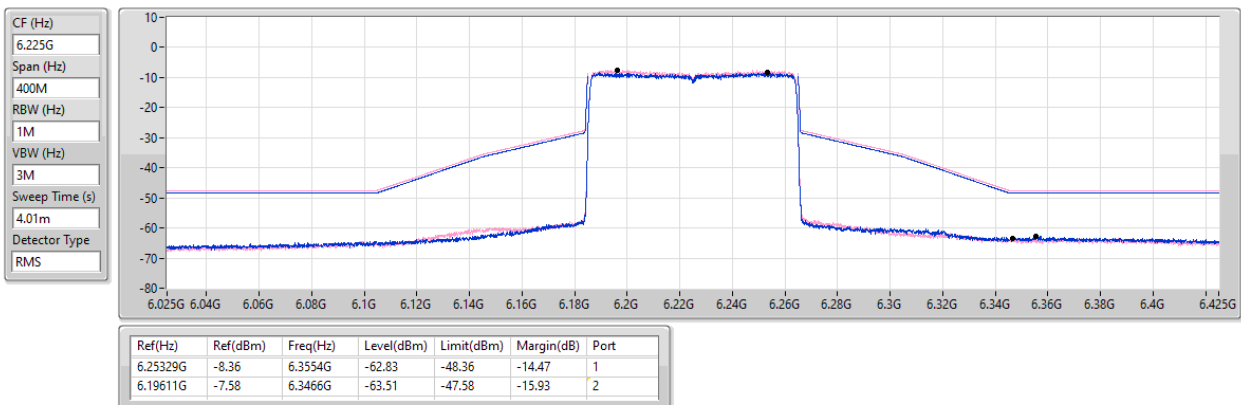


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_2TX

MASK

6225MHz_TX

07/11/2024

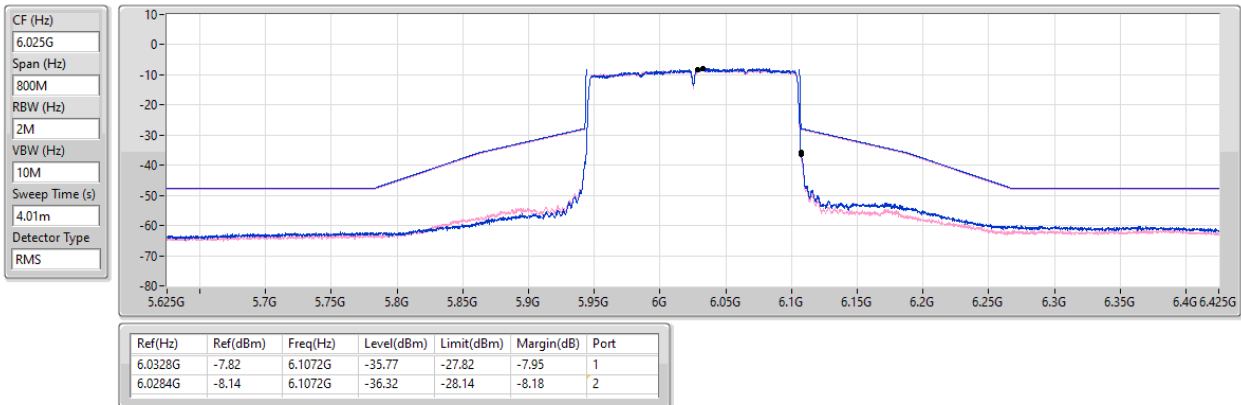


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_2TX

MASK

6025MHz_TX

11/11/2024

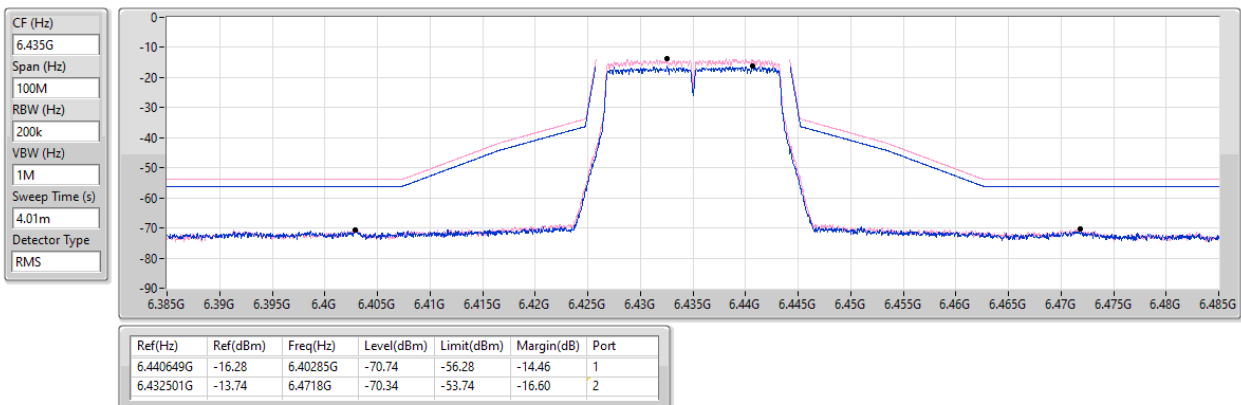


6.425-6.525GHz_802.11a_Nss1,(6Mbps)_2TX

MASK

6435MHz_TX

07/11/2024

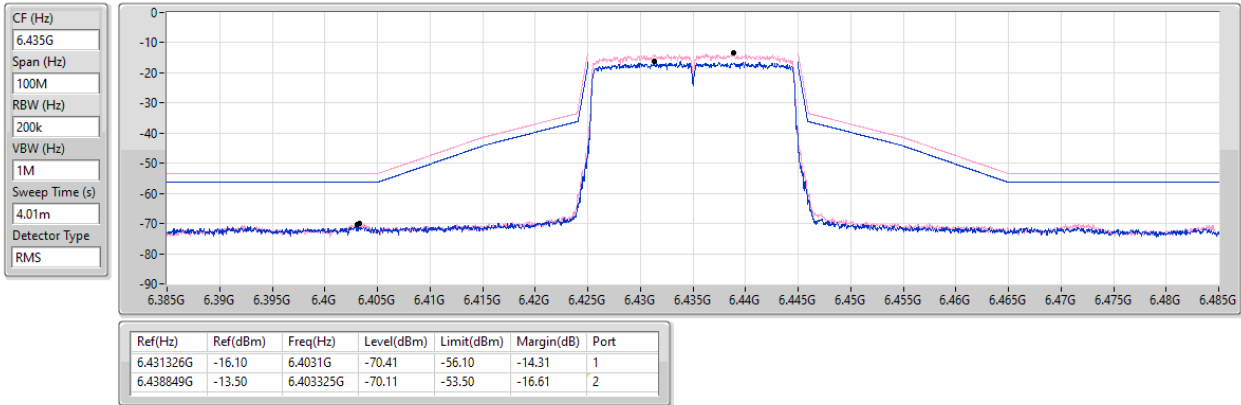


6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_2TX

MASK

6435MHz_TX

07/11/2024

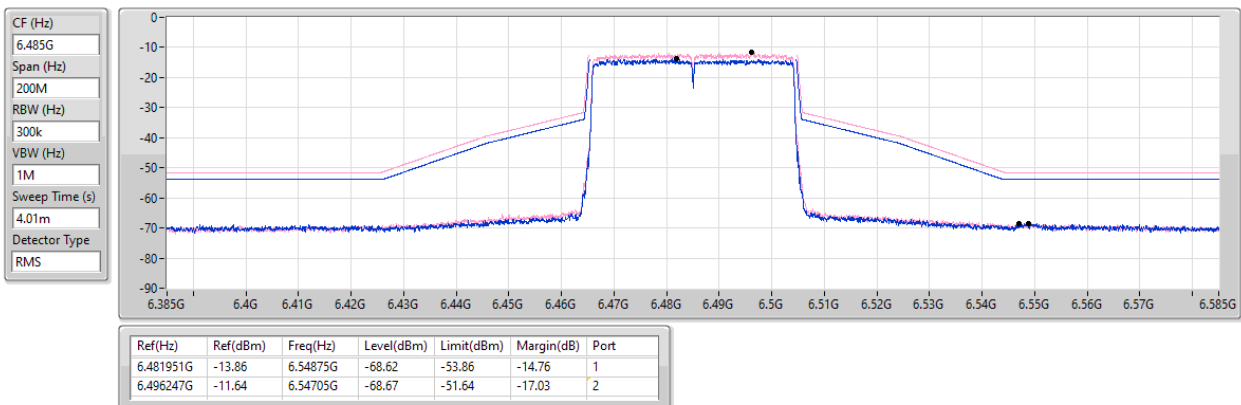


6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_2TX

MASK

6485MHz_TX

07/11/2024

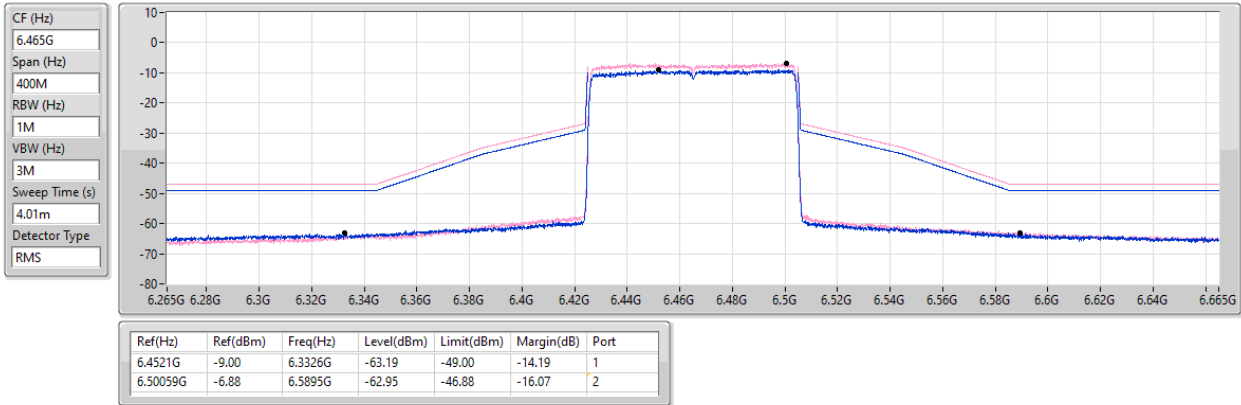


6.425-6.525GHz_802.11be EHT80_Nss1,(MCS0)_2TX

MASK

6465MHz_TX

07/11/2024

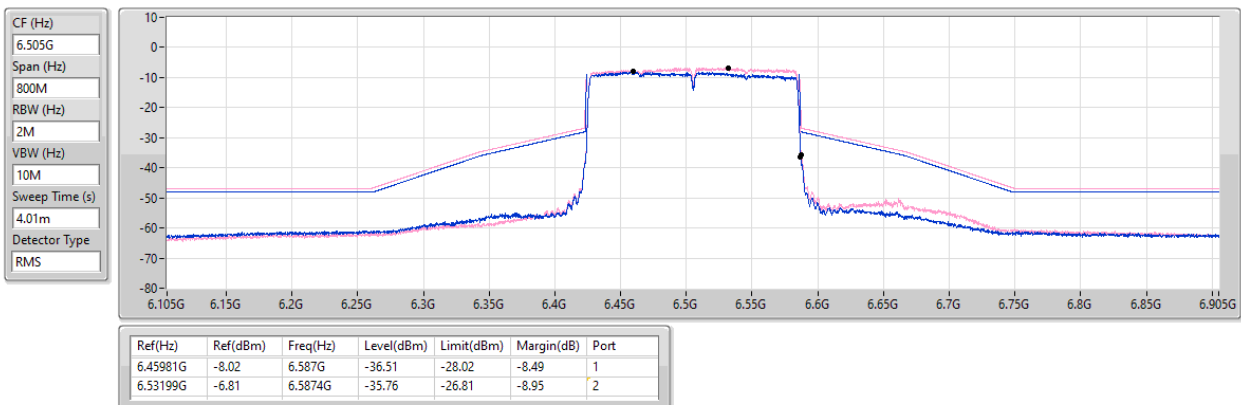


6.425-6.525GHz_802.11be EHT160_Nss1,(MCS0)_2TX

MASK

6505MHz_TX

11/11/2024

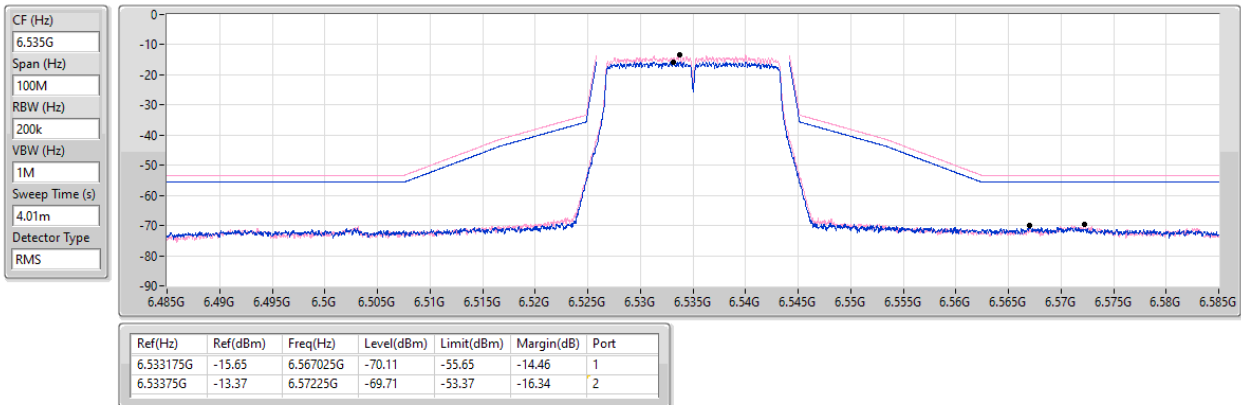


6.525-6.875GHz_802.11a_Nss1,(6Mbps)_2TX

MASK

6535MHz_TX

07/11/2024

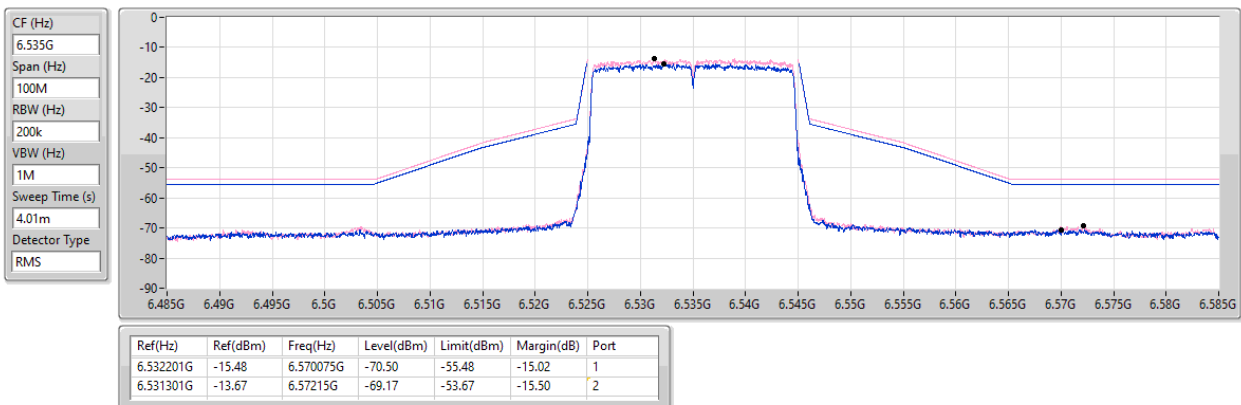


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_2TX

MASK

6535MHz_TX

07/11/2024

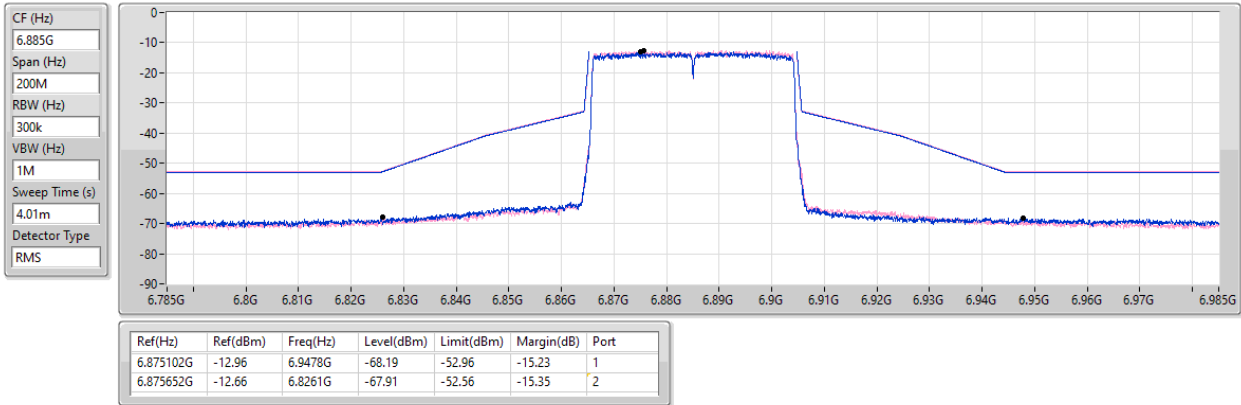


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_2TX

MASK

6885MHz_TX

07/11/2024

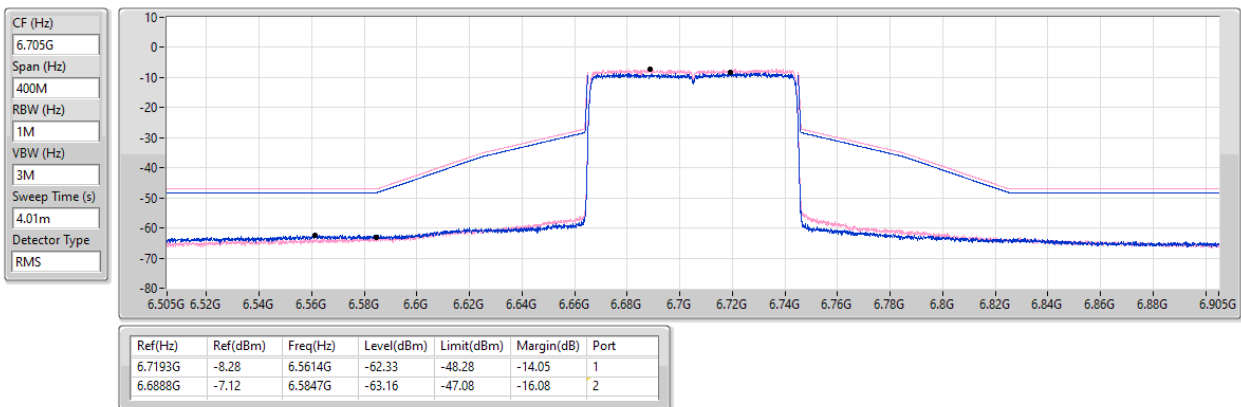


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_2TX

MASK

6705MHz_TX

07/11/2024

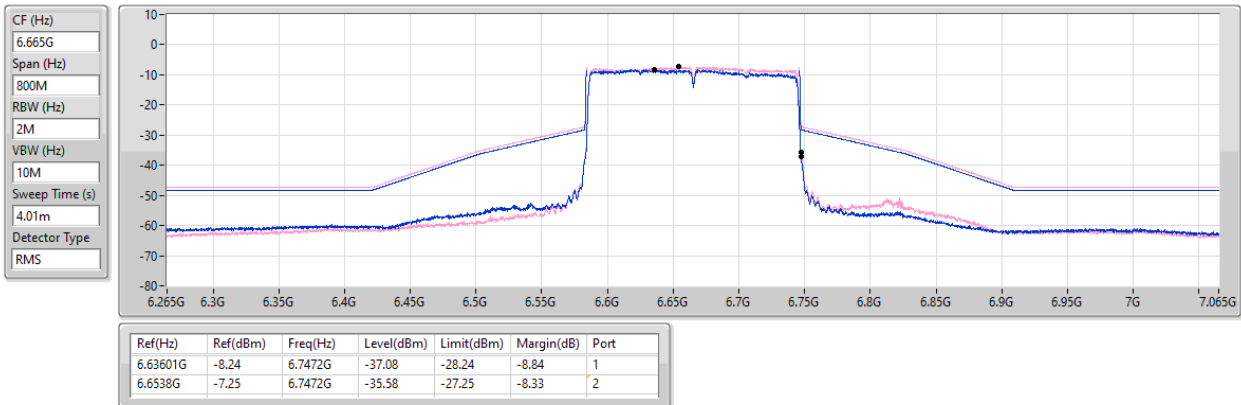


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_2TX

MASK

6665MHz_TX

11/11/2024

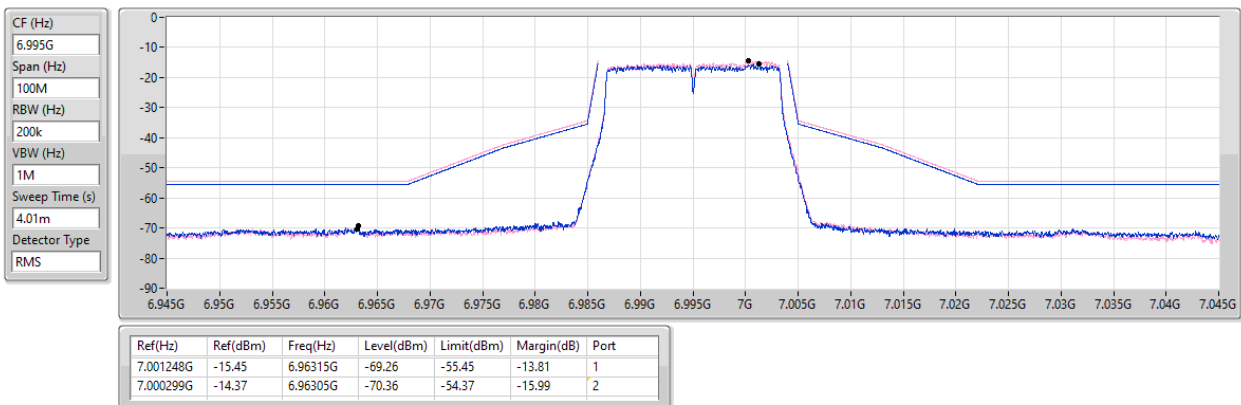


6.875-7.125GHz_802.11a_Nss1,(6Mbps)_2TX

MASK

6995MHz_TX

07/11/2024

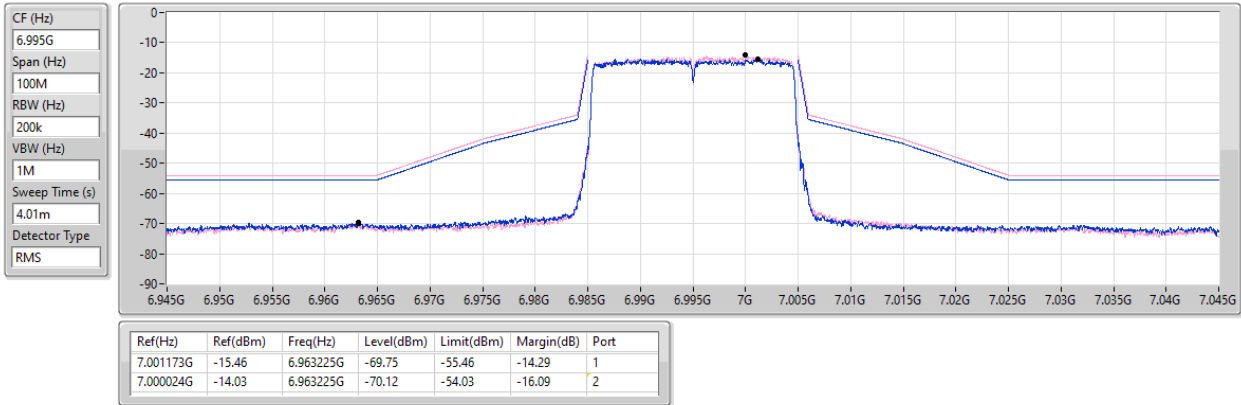


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_2TX

MASK

6995MHz_TX

07/11/2024

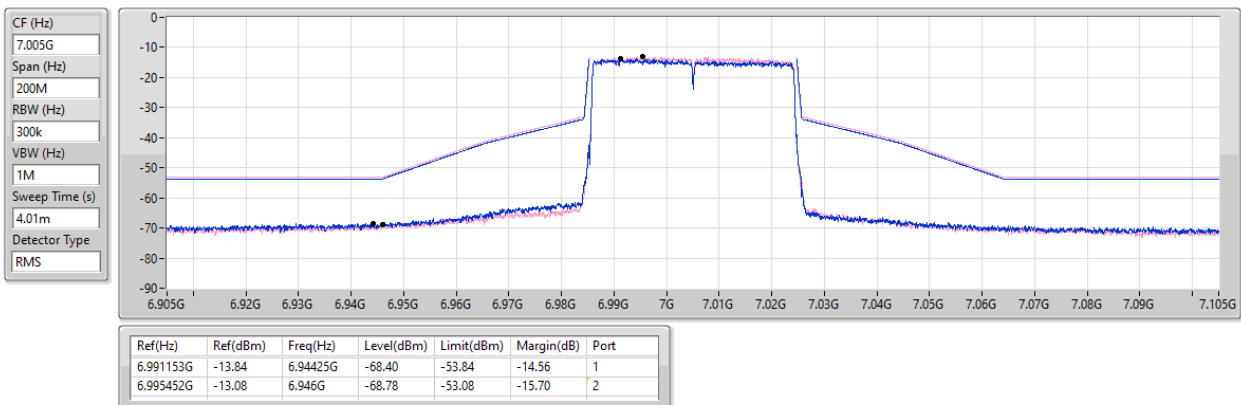


6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_2TX

MASK

7005MHz_TX

07/11/2024

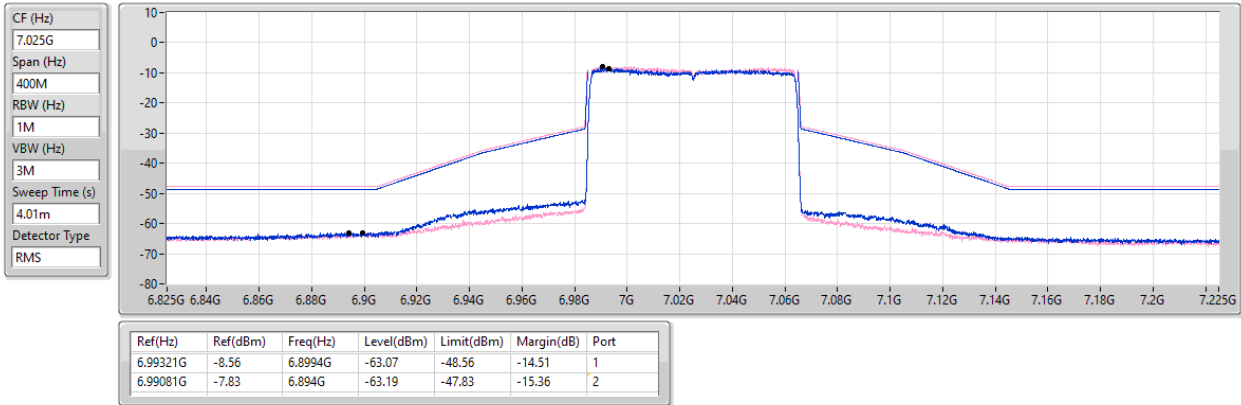


6.875-7.125GHz_802.11be EHT80_Nss1,(MCS0)_2TX

MASK

7025MHz_TX

07/11/2024

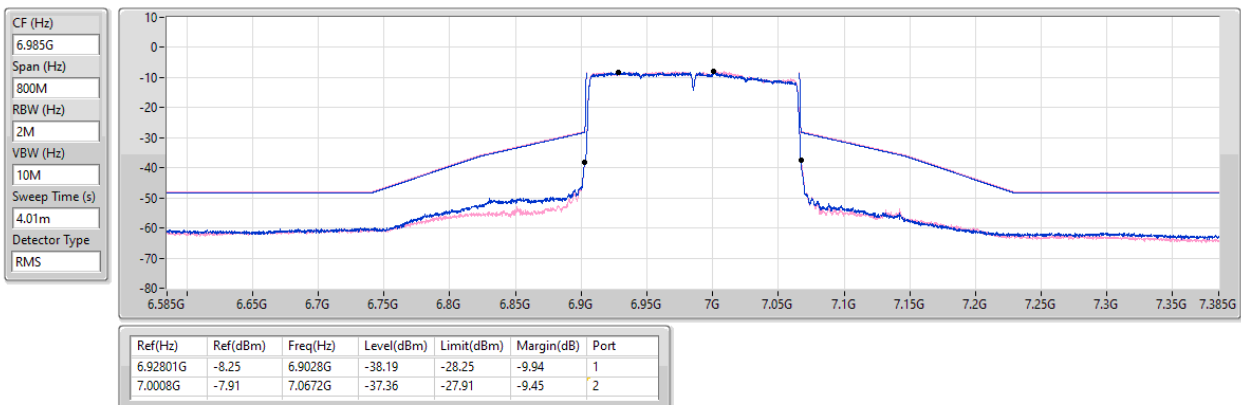


6.875-7.125GHz_802.11be EHT160_Nss1,(MCS0)_2TX

MASK

6985MHz_TX

11/11/2024





Summary

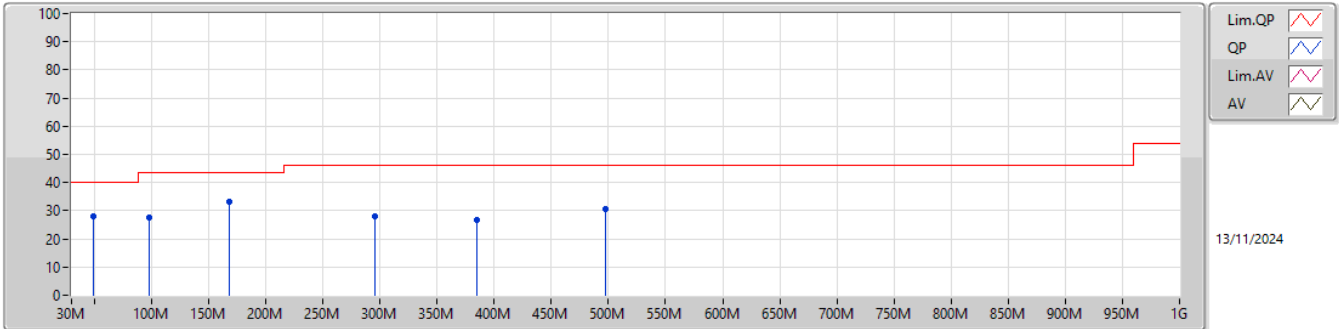
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.925-6.425GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT160_Nss1,(MCS0)_2TX	Pass	PK	212.36M	33.92	43.50	-9.58	3	Horizontal	360	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
6345MHz	Pass	PK	49.4M	27.98	40.00	-12.02	3	Vertical	0	1.00
6345MHz	Pass	PK	97.9M	27.40	43.50	-16.10	3	Vertical	0	1.00
6345MHz	Pass	PK	167.74M	33.21	43.50	-10.29	3	Vertical	0	1.00
6345MHz	Pass	PK	295.78M	27.98	46.00	-18.02	3	Vertical	0	1.00
6345MHz	Pass	PK	385.02M	26.79	46.00	-19.21	3	Vertical	0	1.00
6345MHz	Pass	PK	497.54M	30.45	46.00	-15.55	3	Vertical	0	1.00
6345MHz	Pass	PK	30M	23.71	40.00	-16.29	3	Horizontal	360	1.00
6345MHz	Pass	PK	78.5M	28.87	40.00	-11.13	3	Horizontal	360	1.00
6345MHz	Pass	PK	150.28M	30.02	43.50	-13.48	3	Horizontal	360	1.00
6345MHz	Pass	PK	212.36M	33.92	43.50	-9.58	3	Horizontal	360	1.00
6345MHz	Pass	PK	317.12M	29.92	46.00	-16.08	3	Horizontal	360	1.00
6345MHz	Pass	PK	449.04M	27.52	46.00	-18.48	3	Horizontal	360	1.00

5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_2TX

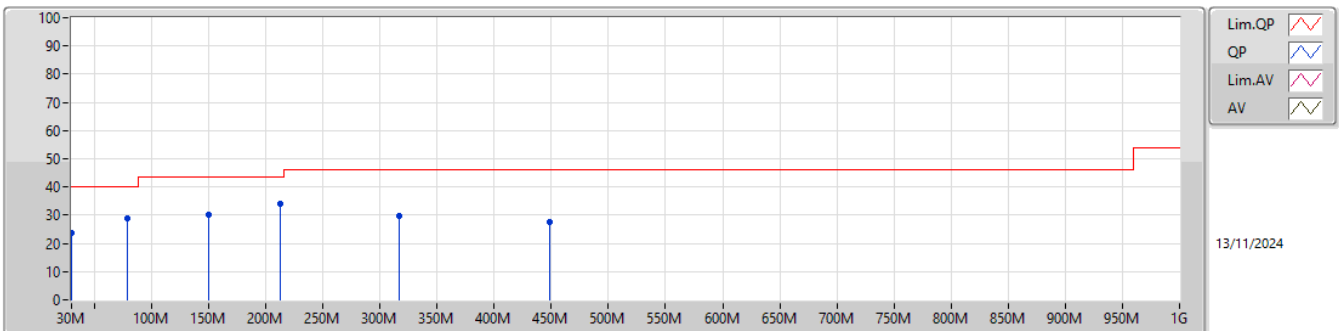
6345MHz_USB



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	49.4M	27.98	40.00	-12.02	-12.45	3	Vertical	0	1.00	40.43	14.50	0.42	27.37
PK	97.9M	27.40	43.50	-16.10	-9.45	3	Vertical	0	1.00	36.85	16.89	0.96	27.30
PK	167.74M	33.21	43.50	-10.29	-9.40	3	Vertical	0	1.00	42.61	15.88	1.80	27.08
PK	295.78M	27.98	46.00	-18.02	-5.16	3	Vertical	0	1.00	33.14	19.31	2.23	26.70
PK	385.02M	26.79	46.00	-19.21	-3.44	3	Vertical	0	1.00	30.23	21.28	2.64	27.36
PK	497.54M	30.45	46.00	-15.55	-1.33	3	Vertical	0	1.00	31.78	23.61	3.22	28.16

5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_2TX

6345MHz_USB



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	30M	23.71	40.00	-16.29	-3.00	3	Horizontal	360	1.00	26.71	24.27	0.24	27.51
PK	78.5M	28.87	40.00	-11.13	-13.65	3	Horizontal	360	1.00	42.52	12.96	0.74	27.35
PK	150.28M	30.02	43.50	-13.48	-9.08	3	Horizontal	360	1.00	39.10	16.45	1.61	27.14
PK	212.36M	33.92	43.50	-9.58	-9.82	3	Horizontal	360	1.00	43.74	15.01	2.06	26.89
PK	317.12M	29.92	46.00	-16.08	-4.76	3	Horizontal	360	1.00	34.68	19.73	2.33	26.82
PK	449.04M	27.52	46.00	-18.48	-2.01	3	Horizontal	360	1.00	29.53	22.93	2.90	27.84

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.925-6.425GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	12.39058G	43.71	54.00	-10.29	3	Vertical	18	1.00
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	AV	11.91068G	43.77	54.00	-10.23	3	Vertical	13	1.00
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	AV	11.93064G	43.92	54.00	-10.08	3	Vertical	15	1.16
802.11be EHT80_Nss1,(MCS0)_2TX	Pass	AV	12.48912G	43.92	54.00	-10.08	3	Vertical	283	2.00
802.11be EHT160_Nss1,(MCS0)_2TX	Pass	AV	12.68979G	43.81	54.00	-10.19	3	Vertical	59	2.01
6.425-6.525GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	12.95558G	44.59	68.20	-23.61	3	Vertical	166	2.12
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	AV	12.951G	44.56	68.20	-23.64	3	Vertical	326	1.50
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	AV	12.97392G	44.97	68.20	-23.23	3	Horizontal	305	1.50
802.11be EHT80_Nss1,(MCS0)_2TX	Pass	AV	12.96808G	44.99	68.20	-23.21	3	Vertical	8	1.50
802.11be EHT160_Nss1,(MCS0)_2TX	Pass	AV	13.01078G	44.45	68.20	-23.75	3	Vertical	80	2.77
6.525-6.875GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	13.39036G	44.78	54.00	-9.22	3	Horizontal	195	1.50
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	AV	13.3902G	44.73	54.00	-9.27	3	Vertical	238	1.50
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	AV	13.38776G	45.20	54.00	-8.80	3	Horizontal	289	1.24
802.11be EHT80_Nss1,(MCS0)_2TX	Pass	AV	13.28848G	45.17	54.00	-8.83	3	Horizontal	360	1.50
802.11be EHT160_Nss1,(MCS0)_2TX	Pass	AV	13.33684G	44.56	54.00	-9.44	3	Vertical	19	2.50
6.875-7.125GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	7.1255G	56.07	68.20	-12.13	3	Vertical	71	1.01
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	AV	7.1255G	66.86	68.20	-1.34	3	Vertical	95	1.09
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	AV	7.1612G	51.40	68.20	-16.80	3	Vertical	70	1.12
802.11be EHT80_Nss1,(MCS0)_2TX	Pass	AV	7.1729G	51.41	68.20	-16.79	3	Vertical	97	1.05
802.11be EHT160_Nss1,(MCS0)_2TX	Pass	AV	7.1345G	52.44	68.20	-15.76	3	Vertical	69	1.09

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	AV	5.8926G	46.94	68.20	-21.26	3	Vertical	62	1.01
5955MHz	Pass	AV	5.9499G	87.24	Inf	-Inf	3	Vertical	62	1.01
5955MHz	Pass	PK	5.8236G	59.45	88.20	-28.75	3	Vertical	62	1.01
5955MHz	Pass	PK	5.9544G	97.22	Inf	-Inf	3	Vertical	62	1.01
5955MHz	Pass	AV	5.9046G	46.96	68.20	-21.24	3	Horizontal	105	1.06
5955MHz	Pass	AV	5.9601G	91.39	Inf	-Inf	3	Horizontal	105	1.06
5955MHz	Pass	PK	5.8524G	59.41	88.20	-28.79	3	Horizontal	105	1.06
5955MHz	Pass	PK	5.9526G	101.79	Inf	-Inf	3	Horizontal	105	1.06
5955MHz	Pass	AV	11.91066G	43.40	54.00	-10.60	3	Vertical	357	1.04
5955MHz	Pass	PK	11.93502G	56.77	74.00	-17.23	3	Vertical	357	1.04
5955MHz	Pass	AV	11.93088G	42.81	54.00	-11.19	3	Horizontal	129	1.50
5955MHz	Pass	PK	11.90076G	56.40	74.00	-17.60	3	Horizontal	129	1.50
6195MHz	Pass	AV	12.39058G	43.71	54.00	-10.29	3	Vertical	18	1.00
6195MHz	Pass	PK	12.4G	56.94	74.00	-17.06	3	Vertical	18	1.00
6195MHz	Pass	AV	12.39052G	43.32	54.00	-10.68	3	Horizontal	110	2.31
6195MHz	Pass	PK	12.38508G	56.72	74.00	-17.28	3	Horizontal	110	2.31
6415MHz	Pass	AV	12.82406G	44.01	68.20	-24.19	3	Vertical	278	1.50
6415MHz	Pass	PK	12.8295G	57.83	88.20	-30.37	3	Vertical	278	1.50
6415MHz	Pass	AV	12.82648G	44.21	68.20	-23.99	3	Horizontal	310	2.95
6415MHz	Pass	PK	12.8342G	58.65	88.20	-29.55	3	Horizontal	310	2.95
6435MHz	Pass	AV	12.86672G	44.19	68.20	-24.01	3	Vertical	86	1.49
6435MHz	Pass	PK	12.8639G	57.82	88.20	-30.38	3	Vertical	86	1.49
6435MHz	Pass	AV	12.86924G	44.19	68.20	-24.01	3	Horizontal	326	1.50
6435MHz	Pass	PK	12.8619G	57.75	88.20	-30.45	3	Horizontal	326	1.50
6475MHz	Pass	AV	12.95558G	44.59	68.20	-23.61	3	Vertical	166	2.12
6475MHz	Pass	PK	12.94008G	59.17	88.20	-29.03	3	Vertical	166	2.12
6475MHz	Pass	AV	12.94524G	44.56	68.20	-23.64	3	Horizontal	20	2.36
6475MHz	Pass	PK	12.94812G	57.98	88.20	-30.22	3	Horizontal	20	2.36
6515MHz	Pass	AV	13.03416G	44.53	68.20	-23.67	3	Vertical	46	1.50
6515MHz	Pass	PK	13.03412G	58.45	88.20	-29.75	3	Vertical	46	1.50
6515MHz	Pass	AV	13.02462G	44.53	68.20	-23.67	3	Horizontal	275	1.50
6515MHz	Pass	PK	13.02208G	58.50	88.20	-29.70	3	Horizontal	275	1.50
6535MHz	Pass	AV	13.06456G	44.43	68.20	-23.77	3	Vertical	100	1.50
6535MHz	Pass	PK	13.07012G	57.70	88.20	-30.50	3	Vertical	100	1.50
6535MHz	Pass	AV	13.06522G	44.42	68.20	-23.78	3	Horizontal	159	1.50
6535MHz	Pass	PK	13.06336G	58.47	88.20	-29.73	3	Horizontal	159	1.50
6695MHz	Pass	AV	13.39284G	44.71	54.00	-9.29	3	Vertical	192	1.61
6695MHz	Pass	PK	13.38264G	59.17	74.00	-14.83	3	Vertical	192	1.61
6695MHz	Pass	AV	13.39036G	44.78	54.00	-9.22	3	Horizontal	195	1.50
6695MHz	Pass	PK	13.38188G	59.42	74.00	-14.58	3	Horizontal	195	1.50
6875MHz	Pass	AV	13.7598G	46.98	68.20	-21.22	3	Vertical	19	1.50
6875MHz	Pass	PK	13.74512G	60.65	88.20	-27.55	3	Vertical	19	1.50
6875MHz	Pass	AV	13.75706G	47.04	68.20	-21.16	3	Horizontal	249	1.50
6875MHz	Pass	PK	13.76G	60.88	88.20	-27.32	3	Horizontal	249	1.50
6895MHz	Pass	AV	13.7904G	47.36	68.20	-20.84	3	Vertical	3	1.49
6895MHz	Pass	PK	13.79726G	61.31	88.20	-26.89	3	Vertical	3	1.49
6895MHz	Pass	AV	13.79678G	47.36	68.20	-20.84	3	Horizontal	187	1.50
6895MHz	Pass	PK	13.78768G	61.38	88.20	-26.82	3	Horizontal	187	1.50
6995MHz	Pass	AV	13.99686G	48.26	68.20	-19.94	3	Vertical	121	2.08
6995MHz	Pass	PK	13.98958G	62.62	88.20	-25.58	3	Vertical	121	2.08
6995MHz	Pass	AV	13.9967G	48.27	68.20	-19.93	3	Horizontal	196	1.50
6995MHz	Pass	PK	13.98758G	62.41	88.20	-25.79	3	Horizontal	196	1.50
7095MHz	Pass	AV	7.0926G	91.56	Inf	-Inf	3	Vertical	71	1.12
7095MHz	Pass	AV	7.179G	51.43	68.20	-16.77	3	Vertical	71	1.12
7095MHz	Pass	PK	7.0932G	101.51	Inf	-Inf	3	Vertical	71	1.12
7095MHz	Pass	PK	7.1775G	64.85	88.20	-23.35	3	Vertical	71	1.12
7095MHz	Pass	AV	7.1004G	87.96	Inf	-Inf	3	Horizontal	148	1.35
7095MHz	Pass	AV	7.2426G	51.32	68.20	-16.88	3	Horizontal	148	1.35
7095MHz	Pass	PK	7.0932G	98.44	Inf	-Inf	3	Horizontal	148	1.35
7095MHz	Pass	PK	7.1349G	64.38	88.20	-23.82	3	Horizontal	148	1.35

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
7095MHz	Pass	AV	14.18116G	47.97	68.20	-20.23	3	Vertical	358	1.50
7095MHz	Pass	PK	14.1937G	61.50	88.20	-26.70	3	Vertical	358	1.50
7095MHz	Pass	AV	14.18154G	47.93	68.20	-20.27	3	Horizontal	281	1.14
7095MHz	Pass	PK	14.18098G	62.00	88.20	-26.20	3	Horizontal	281	1.14
7115MHz	Pass	AV	7.1125G	91.05	Inf	-Inf	3	Vertical	71	1.01
7115MHz	Pass	AV	7.1255G	56.07	68.20	-12.13	3	Vertical	71	1.01
7115MHz	Pass	PK	7.1125G	99.47	Inf	-Inf	3	Vertical	71	1.01
7115MHz	Pass	PK	7.1255G	64.58	88.20	-23.62	3	Vertical	71	1.01
7115MHz	Pass	AV	7.1175G	88.65	Inf	-Inf	3	Horizontal	148	1.00
7115MHz	Pass	AV	7.1255G	55.98	68.20	-12.22	3	Horizontal	148	1.00
7115MHz	Pass	PK	7.1125G	97.11	Inf	-Inf	3	Horizontal	148	1.00
7115MHz	Pass	PK	7.1255G	63.89	88.20	-24.31	3	Horizontal	148	1.00
7115MHz	Pass	AV	14.22062G	47.44	68.20	-20.76	3	Vertical	138	2.48
7115MHz	Pass	PK	14.23372G	61.05	88.20	-27.15	3	Vertical	138	2.48
7115MHz	Pass	AV	14.2204G	47.49	68.20	-20.71	3	Horizontal	261	2.60
7115MHz	Pass	PK	14.23862G	61.83	88.20	-26.37	3	Horizontal	261	2.60
802.11b EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	AV	5.9028G	47.70	68.20	-20.50	3	Vertical	76	1.12
5955MHz	Pass	AV	5.9619G	87.67	Inf	-Inf	3	Vertical	76	1.12
5955MHz	Pass	PK	5.9223G	60.90	88.20	-27.30	3	Vertical	76	1.12
5955MHz	Pass	PK	5.9622G	102.21	Inf	-Inf	3	Vertical	76	1.12
5955MHz	Pass	AV	5.9031G	47.73	68.20	-20.47	3	Horizontal	158	1.43
5955MHz	Pass	AV	5.9526G	87.34	Inf	-Inf	3	Horizontal	158	1.43
5955MHz	Pass	PK	5.9229G	60.74	88.20	-27.46	3	Horizontal	158	1.43
5955MHz	Pass	PK	5.9502G	101.35	Inf	-Inf	3	Horizontal	158	1.43
5955MHz	Pass	AV	11.91068G	43.77	54.00	-10.23	3	Vertical	13	1.00
5955MHz	Pass	PK	11.91038G	56.05	74.00	-17.95	3	Vertical	13	1.00
5955MHz	Pass	AV	11.91998G	42.29	54.00	-11.71	3	Horizontal	260	1.50
5955MHz	Pass	PK	11.90362G	55.85	74.00	-18.15	3	Horizontal	260	1.50
6195MHz	Pass	AV	12.39062G	43.54	54.00	-10.46	3	Vertical	24	1.11
6195MHz	Pass	PK	12.38892G	57.49	74.00	-16.51	3	Vertical	24	1.11
6195MHz	Pass	AV	12.39466G	42.74	54.00	-11.26	3	Horizontal	129	1.50
6195MHz	Pass	PK	12.3815G	56.54	74.00	-17.46	3	Horizontal	129	1.50
6415MHz	Pass	AV	12.83064G	44.17	68.20	-24.03	3	Vertical	19	1.50
6415MHz	Pass	PK	12.82672G	58.00	88.20	-30.20	3	Vertical	19	1.50
6415MHz	Pass	AV	12.83042G	44.07	68.20	-24.13	3	Horizontal	204	1.50
6415MHz	Pass	PK	12.8378G	57.63	88.20	-30.57	3	Horizontal	204	1.50
6435MHz	Pass	AV	12.8641G	44.13	68.20	-24.07	3	Vertical	174	2.81
6435MHz	Pass	PK	12.87092G	57.48	88.20	-30.72	3	Vertical	174	2.81
6435MHz	Pass	AV	12.8665G	44.16	68.20	-24.04	3	Horizontal	341	1.50
6435MHz	Pass	PK	12.87018G	57.66	88.20	-30.54	3	Horizontal	341	1.50
6475MHz	Pass	AV	12.951G	44.56	68.20	-23.64	3	Vertical	326	1.50
6475MHz	Pass	PK	12.95568G	57.96	88.20	-30.24	3	Vertical	326	1.50
6475MHz	Pass	AV	12.94488G	44.51	68.20	-23.69	3	Horizontal	187	1.50
6475MHz	Pass	PK	12.94172G	59.02	88.20	-29.18	3	Horizontal	187	1.50
6515MHz	Pass	AV	13.02462G	44.51	68.20	-23.69	3	Vertical	55	1.12
6515MHz	Pass	PK	13.03284G	58.77	88.20	-29.43	3	Vertical	55	1.12
6515MHz	Pass	AV	13.02044G	44.49	68.20	-23.71	3	Horizontal	101	1.50
6515MHz	Pass	PK	13.0272G	57.99	88.20	-30.21	3	Horizontal	101	1.50
6535MHz	Pass	AV	13.06268G	44.28	68.20	-23.92	3	Vertical	121	1.50
6535MHz	Pass	PK	13.06752G	57.79	88.20	-30.41	3	Vertical	121	1.50
6535MHz	Pass	AV	13.06256G	44.33	68.20	-23.87	3	Horizontal	356	1.01
6535MHz	Pass	PK	13.06722G	57.98	88.20	-30.22	3	Horizontal	356	1.01
6695MHz	Pass	AV	13.3902G	44.73	54.00	-9.27	3	Vertical	238	1.50
6695MHz	Pass	PK	13.3995G	58.27	74.00	-15.73	3	Vertical	238	1.50
6695MHz	Pass	AV	13.3899G	44.66	54.00	-9.34	3	Horizontal	71	1.50
6695MHz	Pass	PK	13.39148G	58.41	74.00	-15.59	3	Horizontal	71	1.50
6875MHz	Pass	AV	13.74998G	46.97	68.20	-21.23	3	Vertical	103	1.50
6875MHz	Pass	PK	13.75028G	60.66	88.20	-27.54	3	Vertical	103	1.50
6875MHz	Pass	AV	13.7596G	47.01	68.20	-21.19	3	Horizontal	78	2.92
6875MHz	Pass	PK	13.75552G	61.15	88.20	-27.05	3	Horizontal	78	2.92
6895MHz	Pass	AV	13.79994G	47.31	68.20	-20.89	3	Vertical	269	1.56

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
6895MHz	Pass	PK	13.79886G	61.14	88.20	-27.06	3	Vertical	269	1.56
6895MHz	Pass	AV	13.79802G	47.35	68.20	-20.85	3	Horizontal	297	1.08
6895MHz	Pass	PK	13.78226G	60.98	88.20	-27.22	3	Horizontal	297	1.08
6995MHz	Pass	AV	13.98404G	48.30	68.20	-19.90	3	Vertical	256	1.18
6995MHz	Pass	PK	13.98374G	61.86	88.20	-26.34	3	Vertical	256	1.18
6995MHz	Pass	AV	13.9991G	48.30	68.20	-19.90	3	Horizontal	90	1.53
6995MHz	Pass	PK	13.99864G	62.95	88.20	-25.25	3	Horizontal	90	1.53
7095MHz	Pass	AV	7.0989G	91.23	Inf	-Inf	3	Vertical	70	1.13
7095MHz	Pass	AV	7.1622G	51.35	68.20	-16.85	3	Vertical	70	1.13
7095MHz	Pass	PK	7.1016G	102.96	Inf	-Inf	3	Vertical	70	1.13
7095MHz	Pass	PK	7.1418G	63.94	88.20	-24.26	3	Vertical	70	1.13
7095MHz	Pass	AV	7.101G	89.39	Inf	-Inf	3	Horizontal	148	1.20
7095MHz	Pass	AV	7.152G	51.41	68.20	-16.79	3	Horizontal	148	1.20
7095MHz	Pass	PK	7.0986G	101.36	Inf	-Inf	3	Horizontal	148	1.20
7095MHz	Pass	PK	7.1859G	64.09	88.20	-24.11	3	Horizontal	148	1.20
7095MHz	Pass	AV	14.18114G	47.92	68.20	-20.28	3	Vertical	324	2.99
7095MHz	Pass	PK	14.18322G	61.73	88.20	-26.47	3	Vertical	324	2.99
7095MHz	Pass	AV	14.18056G	47.88	68.20	-20.32	3	Horizontal	353	1.50
7095MHz	Pass	PK	14.18288G	61.69	88.20	-26.51	3	Horizontal	353	1.50
7115MHz	Pass	AV	7.1105G	91.48	Inf	-Inf	3	Vertical	95	1.09
7115MHz	Pass	AV	7.1255G	66.86	68.20	-1.34	3	Vertical	95	1.09
7115MHz	Pass	PK	7.1125G	100.67	Inf	-Inf	3	Vertical	95	1.09
7115MHz	Pass	PK	7.1255G	77.46	88.20	-10.74	3	Vertical	95	1.09
7115MHz	Pass	AV	7.1125G	88.64	Inf	-Inf	3	Horizontal	148	1.00
7115MHz	Pass	AV	7.1255G	65.77	68.20	-2.43	3	Horizontal	148	1.00
7115MHz	Pass	PK	7.1105G	97.60	Inf	-Inf	3	Horizontal	148	1.00
7115MHz	Pass	PK	7.1255G	76.14	88.20	-12.06	3	Horizontal	148	1.00
7115MHz	Pass	AV	14.22198G	47.43	68.20	-20.77	3	Vertical	0	1.50
7115MHz	Pass	PK	14.23134G	61.38	88.20	-26.82	3	Vertical	0	1.50
7115MHz	Pass	AV	14.22114G	47.50	68.20	-20.70	3	Horizontal	83	1.72
7115MHz	Pass	PK	14.22604G	61.63	88.20	-26.57	3	Horizontal	83	1.72
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	AV	5.9242G	47.65	68.20	-20.55	3	Vertical	76	1.12
5965MHz	Pass	AV	5.9623G	87.26	Inf	-Inf	3	Vertical	76	1.12
5965MHz	Pass	PK	5.8768G	59.83	88.20	-28.37	3	Vertical	76	1.12
5965MHz	Pass	PK	5.9701G	100.90	Inf	-Inf	3	Vertical	76	1.12
5965MHz	Pass	AV	5.8927G	47.65	68.20	-20.55	3	Horizontal	159	1.40
5965MHz	Pass	AV	5.9518G	87.11	Inf	-Inf	3	Horizontal	159	1.40
5965MHz	Pass	PK	5.9245G	60.30	88.20	-27.90	3	Horizontal	159	1.40
5965MHz	Pass	PK	5.9632G	101.98	Inf	-Inf	3	Horizontal	159	1.40
5965MHz	Pass	AV	11.93064G	43.92	54.00	-10.08	3	Vertical	15	1.16
5965MHz	Pass	PK	11.93404G	56.36	74.00	-17.64	3	Vertical	15	1.16
5965MHz	Pass	AV	11.94664G	42.84	54.00	-11.16	3	Horizontal	36	1.49
5965MHz	Pass	PK	11.94356G	56.31	74.00	-17.69	3	Horizontal	36	1.49
6205MHz	Pass	AV	12.42808G	43.39	54.00	-10.61	3	Vertical	292	1.97
6205MHz	Pass	PK	12.40888G	57.62	74.00	-16.38	3	Vertical	292	1.97
6205MHz	Pass	AV	12.42852G	43.39	54.00	-10.61	3	Horizontal	342	1.76
6205MHz	Pass	PK	12.4102G	56.62	74.00	-17.38	3	Horizontal	342	1.76
6405MHz	Pass	AV	12.82624G	44.51	68.20	-23.69	3	Vertical	269	2.48
6405MHz	Pass	PK	12.82364G	58.26	88.20	-29.94	3	Vertical	269	2.48
6405MHz	Pass	AV	12.82656G	44.57	68.20	-23.63	3	Horizontal	41	1.94
6405MHz	Pass	PK	12.81664G	58.04	88.20	-30.16	3	Horizontal	41	1.94
6445MHz	Pass	AV	12.89236G	44.51	68.20	-23.69	3	Vertical	316	1.32
6445MHz	Pass	PK	12.87444G	58.18	88.20	-30.02	3	Vertical	316	1.32
6445MHz	Pass	AV	12.89976G	44.56	68.20	-23.64	3	Horizontal	360	1.66
6445MHz	Pass	PK	12.89712G	57.55	88.20	-30.65	3	Horizontal	360	1.66
6485MHz	Pass	AV	12.97624G	44.91	68.20	-23.29	3	Vertical	263	1.50
6485MHz	Pass	PK	12.95016G	58.10	88.20	-30.10	3	Vertical	263	1.50
6485MHz	Pass	AV	12.97392G	44.97	68.20	-23.23	3	Horizontal	305	1.50
6485MHz	Pass	PK	12.95716G	59.03	88.20	-29.17	3	Horizontal	305	1.50
6525MHz	Pass	AV	13.04676G	44.80	68.20	-23.40	3	Vertical	360	1.50
6525MHz	Pass	PK	13.0506G	57.89	88.20	-30.31	3	Vertical	360	1.50

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
6525MHz	Pass	AV	13.05528G	44.78	68.20	-23.42	3	Horizontal	20	1.50
6525MHz	Pass	PK	13.06816G	58.00	88.20	-30.20	3	Horizontal	20	1.50
6565MHz	Pass	AV	13.11316G	44.65	68.20	-23.55	3	Vertical	235	1.17
6565MHz	Pass	PK	13.1478G	57.98	88.20	-30.22	3	Vertical	235	1.17
6565MHz	Pass	AV	13.12328G	44.61	68.20	-23.59	3	Horizontal	272	2.91
6565MHz	Pass	PK	13.13948G	58.30	88.20	-29.90	3	Horizontal	272	2.91
6685MHz	Pass	AV	13.3898G	45.16	54.00	-8.84	3	Vertical	106	1.49
6685MHz	Pass	PK	13.37672G	59.49	74.00	-14.51	3	Vertical	106	1.49
6685MHz	Pass	AV	13.38776G	45.20	54.00	-8.80	3	Horizontal	289	1.24
6685MHz	Pass	PK	13.37452G	59.16	74.00	-14.84	3	Horizontal	289	1.24
6885MHz	Pass	AV	13.78764G	47.58	68.20	-20.62	3	Vertical	93	1.50
6885MHz	Pass	PK	13.75728G	61.00	88.20	-27.20	3	Vertical	93	1.50
6885MHz	Pass	AV	13.79G	47.61	68.20	-20.59	3	Horizontal	213	3.00
6885MHz	Pass	PK	13.78416G	61.30	88.20	-26.90	3	Horizontal	213	3.00
6925MHz	Pass	AV	13.85884G	48.16	68.20	-20.04	3	Vertical	191	2.21
6925MHz	Pass	PK	13.83852G	61.77	88.20	-26.43	3	Vertical	191	2.21
6925MHz	Pass	AV	13.85544G	48.14	68.20	-20.06	3	Horizontal	50	1.09
6925MHz	Pass	PK	13.86424G	62.28	88.20	-25.92	3	Horizontal	50	1.09
7005MHz	Pass	AV	14.0066G	48.51	68.20	-19.69	3	Vertical	265	1.75
7005MHz	Pass	PK	13.99128G	62.24	88.20	-25.96	3	Vertical	265	1.75
7005MHz	Pass	AV	14.01452G	48.50	68.20	-19.70	3	Horizontal	11	1.90
7005MHz	Pass	PK	14.00016G	62.40	88.20	-25.80	3	Horizontal	11	1.90
7085MHz	Pass	AV	7.0907G	89.71	Inf	-Inf	3	Vertical	70	1.12
7085MHz	Pass	AV	7.1612G	51.40	68.20	-16.80	3	Vertical	70	1.12
7085MHz	Pass	PK	7.0958G	103.23	Inf	-Inf	3	Vertical	70	1.12
7085MHz	Pass	PK	7.1252G	64.67	88.20	-23.53	3	Vertical	70	1.12
7085MHz	Pass	AV	7.0985G	86.96	Inf	-Inf	3	Horizontal	148	1.16
7085MHz	Pass	AV	7.1744G	51.37	68.20	-16.83	3	Horizontal	148	1.16
7085MHz	Pass	PK	7.1012G	101.17	Inf	-Inf	3	Horizontal	148	1.16
7085MHz	Pass	PK	7.181G	63.96	88.20	-24.24	3	Horizontal	148	1.16
7085MHz	Pass	AV	14.15212G	48.21	68.20	-19.99	3	Vertical	281	1.47
7085MHz	Pass	PK	14.1746G	61.99	88.20	-26.21	3	Vertical	281	1.47
7085MHz	Pass	AV	14.15028G	48.22	68.20	-19.98	3	Horizontal	6	1.24
7085MHz	Pass	PK	14.1812G	61.34	88.20	-26.86	3	Horizontal	6	1.24
802.11be EHT80_Nss1_(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	AV	5.9065G	47.67	68.20	-20.53	3	Vertical	83	1.10
5985MHz	Pass	AV	6.014G	82.04	Inf	-Inf	3	Vertical	83	1.10
5985MHz	Pass	PK	5.908G	60.58	88.20	-27.62	3	Vertical	83	1.10
5985MHz	Pass	PK	5.958G	96.38	Inf	-Inf	3	Vertical	83	1.10
5985MHz	Pass	AV	5.9005G	47.80	68.20	-20.40	3	Horizontal	150	1.07
5985MHz	Pass	AV	5.968G	84.70	Inf	-Inf	3	Horizontal	150	1.07
5985MHz	Pass	PK	5.7515G	61.07	88.20	-27.13	3	Horizontal	150	1.07
5985MHz	Pass	PK	5.95G	99.27	Inf	-Inf	3	Horizontal	150	1.07
5985MHz	Pass	AV	11.99544G	43.42	54.00	-10.58	3	Vertical	253	1.67
5985MHz	Pass	PK	11.98232G	56.68	74.00	-17.32	3	Vertical	253	1.67
5985MHz	Pass	AV	12.00528G	43.48	54.00	-10.52	3	Horizontal	180	2.65
5985MHz	Pass	PK	11.99504G	56.65	74.00	-17.35	3	Horizontal	180	2.65
6225MHz	Pass	AV	12.48912G	43.92	54.00	-10.08	3	Vertical	283	2.00
6225MHz	Pass	PK	12.42176G	57.61	74.00	-16.39	3	Vertical	283	2.00
6225MHz	Pass	AV	12.46368G	43.88	54.00	-10.12	3	Horizontal	202	1.02
6225MHz	Pass	PK	12.45296G	56.74	74.00	-17.26	3	Horizontal	202	1.02
6385MHz	Pass	AV	12.78752G	44.56	68.20	-23.64	3	Vertical	154	1.87
6385MHz	Pass	PK	12.80088G	59.32	88.20	-28.88	3	Vertical	154	1.87
6385MHz	Pass	AV	12.78072G	44.51	68.20	-23.69	3	Horizontal	358	1.50
6385MHz	Pass	PK	12.764G	58.28	88.20	-29.92	3	Horizontal	358	1.50
6465MHz	Pass	AV	12.96808G	44.99	68.20	-23.21	3	Vertical	8	1.50
6465MHz	Pass	PK	12.92232G	57.80	88.20	-30.40	3	Vertical	8	1.50
6465MHz	Pass	AV	12.96352G	44.99	68.20	-23.21	3	Horizontal	118	1.50
6465MHz	Pass	PK	12.95656G	58.22	88.20	-29.98	3	Horizontal	118	1.50
6545MHz	Pass	AV	13.05776G	44.84	68.20	-23.36	3	Vertical	67	1.97
6885MHz	Pass	PK	13.08416G	58.66	88.20	-29.54	3	Vertical	67	1.97
6885MHz	Pass	AV	13.068G	44.78	68.20	-23.42	3	Horizontal	306	2.62

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
6885MHz	Pass	PK	13.05288G	58.45	88.20	-29.75	3	Horizontal	306	2.62
6625MHz	Pass	AV	13.28792G	45.11	54.00	-8.89	3	Vertical	187	1.50
6625MHz	Pass	PK	13.26088G	58.62	74.00	-15.38	3	Vertical	187	1.50
6625MHz	Pass	AV	13.28848G	45.17	54.00	-8.83	3	Horizontal	360	1.50
6625MHz	Pass	PK	13.25112G	58.70	74.00	-15.30	3	Horizontal	360	1.50
6705MHz	Pass	AV	13.44816G	45.41	68.20	-22.79	3	Vertical	36	1.54
6705MHz	Pass	PK	13.41104G	59.05	88.20	-29.15	3	Vertical	36	1.54
6705MHz	Pass	AV	13.4156G	45.37	68.20	-22.83	3	Horizontal	312	2.16
6705MHz	Pass	PK	13.41408G	59.11	88.20	-29.09	3	Horizontal	312	2.16
6785MHz	Pass	AV	13.56008G	45.35	68.20	-22.85	3	Vertical	261	1.50
6785MHz	Pass	PK	13.54736G	58.95	88.20	-29.25	3	Vertical	261	1.50
6785MHz	Pass	AV	13.55696G	45.44	68.20	-22.76	3	Horizontal	359	1.25
6785MHz	Pass	PK	13.53216G	58.90	88.20	-29.30	3	Horizontal	359	1.25
6865MHz	Pass	AV	13.76904G	47.51	68.20	-20.69	3	Vertical	145	1.50
6865MHz	Pass	PK	13.74752G	60.83	88.20	-27.37	3	Vertical	145	1.50
6865MHz	Pass	AV	13.76968G	47.54	68.20	-20.66	3	Horizontal	41	2.37
6865MHz	Pass	PK	13.75712G	60.69	88.20	-27.51	3	Horizontal	41	2.37
6945MHz	Pass	AV	13.89996G	47.51	68.20	-20.69	3	Vertical	328	1.50
6945MHz	Pass	PK	13.8973G	61.79	88.20	-26.41	3	Vertical	328	1.50
6945MHz	Pass	AV	13.89996G	47.50	68.20	-20.70	3	Horizontal	24	1.72
6945MHz	Pass	PK	13.89706G	61.11	88.20	-27.09	3	Horizontal	24	1.72
7025MHz	Pass	AV	7.0142G	85.31	Inf	-Inf	3	Vertical	97	1.05
7025MHz	Pass	AV	7.1729G	51.41	68.20	-16.79	3	Vertical	97	1.05
7025MHz	Pass	PK	7.0505G	100.30	Inf	-Inf	3	Vertical	97	1.05
7025MHz	Pass	PK	7.1432G	63.94	88.20	-24.26	3	Vertical	97	1.05
7025MHz	Pass	AV	6.9893G	83.99	Inf	-Inf	3	Horizontal	147	1.00
7025MHz	Pass	AV	7.1567G	51.28	68.20	-16.92	3	Horizontal	147	1.00
7025MHz	Pass	PK	7.0055G	98.30	Inf	-Inf	3	Horizontal	147	1.00
7025MHz	Pass	PK	7.157G	63.82	88.20	-24.38	3	Horizontal	147	1.00
7025MHz	Pass	AV	14.06311G	48.04	68.20	-20.16	3	Vertical	357	2.11
7025MHz	Pass	PK	14.03902G	62.05	88.20	-26.15	3	Vertical	357	2.11
7025MHz	Pass	AV	14.065G	48.09	68.20	-20.11	3	Horizontal	138	1.00
7025MHz	Pass	PK	14.06269G	62.49	88.20	-25.71	3	Horizontal	138	1.00
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	AV	5.9225G	49.95	68.20	-18.25	3	Vertical	76	1.12
6025MHz	Pass	AV	6.083G	90.14	Inf	-Inf	3	Vertical	76	1.12
6025MHz	Pass	PK	5.8875G	64.21	88.20	-23.99	3	Vertical	76	1.12
6025MHz	Pass	PK	6.0785G	102.26	Inf	-Inf	3	Vertical	76	1.12
6025MHz	Pass	AV	5.922G	50.36	68.20	-17.84	3	Horizontal	151	1.04
6025MHz	Pass	AV	6.0785G	90.88	Inf	-Inf	3	Horizontal	151	1.04
6025MHz	Pass	PK	5.892G	67.91	88.20	-20.29	3	Horizontal	151	1.04
6025MHz	Pass	PK	6.0685G	103.17	Inf	-Inf	3	Horizontal	151	1.04
6025MHz	Pass	AV	12.05099G	43.78	54.00	-10.22	3	Vertical	19	1.00
6025MHz	Pass	PK	12.05018G	56.83	74.00	-17.17	3	Vertical	19	1.00
6025MHz	Pass	AV	12.05111G	42.63	54.00	-11.37	3	Horizontal	261	1.50
6025MHz	Pass	PK	12.04637G	57.30	74.00	-16.70	3	Horizontal	261	1.50
6185MHz	Pass	AV	12.35503G	43.05	54.00	-10.95	3	Vertical	11	1.50
6185MHz	Pass	PK	12.36691G	56.72	74.00	-17.28	3	Vertical	11	1.50
6185MHz	Pass	AV	12.37084G	43.46	54.00	-10.54	3	Horizontal	105	2.06
6185MHz	Pass	PK	12.36034G	57.09	74.00	-16.91	3	Horizontal	105	2.06
6345MHz	Pass	AV	12.68979G	43.81	54.00	-10.19	3	Vertical	59	2.01
6345MHz	Pass	PK	12.69483G	58.30	74.00	-15.70	3	Vertical	59	2.01
6345MHz	Pass	AV	12.68712G	43.78	54.00	-10.22	3	Horizontal	141	1.50
6345MHz	Pass	PK	12.69276G	57.85	74.00	-16.15	3	Horizontal	141	1.50
6505MHz	Pass	AV	13.01078G	44.45	68.20	-23.75	3	Vertical	80	2.77
6505MHz	Pass	PK	13.00109G	58.39	88.20	-29.81	3	Vertical	80	2.77
6505MHz	Pass	AV	13.01024G	44.42	68.20	-23.78	3	Horizontal	127	1.50
6505MHz	Pass	PK	13.0223G	58.42	88.20	-29.78	3	Horizontal	127	1.50
6665MHz	Pass	AV	13.33684G	44.56	54.00	-9.44	3	Vertical	19	2.50
6665MHz	Pass	PK	13.33624G	58.20	74.00	-15.80	3	Vertical	19	2.50
6665MHz	Pass	AV	13.33906G	44.39	54.00	-9.61	3	Horizontal	298	1.50
6665MHz	Pass	PK	13.31947G	58.18	74.00	-15.82	3	Horizontal	298	1.50



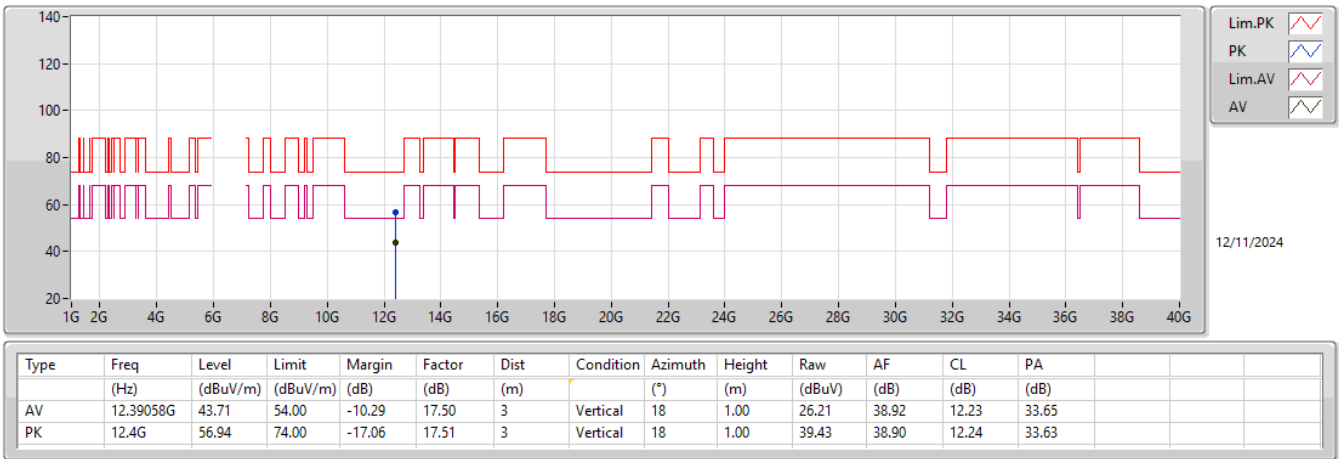
RSE TX above 1GHz

Appendix F.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
6825MHz	Pass	AV	13.6371G	47.17	68.20	-21.03	3	Vertical	157	1.41
6825MHz	Pass	PK	13.64613G	60.96	88.20	-27.24	3	Vertical	157	1.41
6825MHz	Pass	AV	13.63815G	47.16	68.20	-21.04	3	Horizontal	290	1.50
6825MHz	Pass	PK	13.63881G	62.33	88.20	-25.87	3	Horizontal	290	1.50
6985MHz	Pass	AV	6.958G	90.96	Inf	-Inf	3	Vertical	69	1.09
6985MHz	Pass	AV	7.1345G	52.44	68.20	-15.76	3	Vertical	69	1.09
6985MHz	Pass	PK	6.9575G	103.60	Inf	-Inf	3	Vertical	69	1.09
6985MHz	Pass	PK	7.1385G	65.48	88.20	-22.72	3	Vertical	69	1.09
6985MHz	Pass	AV	6.9535G	89.34	Inf	-Inf	3	Horizontal	147	1.00
6985MHz	Pass	AV	7.143G	51.86	68.20	-16.34	3	Horizontal	147	1.00
6985MHz	Pass	PK	6.9355G	101.76	Inf	-Inf	3	Horizontal	147	1.00
6985MHz	Pass	PK	7.1605G	64.52	88.20	-23.68	3	Horizontal	147	1.00
6985MHz	Pass	AV	13.98434G	47.87	68.20	-20.33	3	Vertical	257	1.34
6985MHz	Pass	PK	13.95914G	62.19	88.20	-26.01	3	Vertical	257	1.34
6985MHz	Pass	AV	13.98431G	47.83	68.20	-20.37	3	Horizontal	204	2.65
6985MHz	Pass	PK	13.97195G	62.01	88.20	-26.19	3	Horizontal	204	2.65

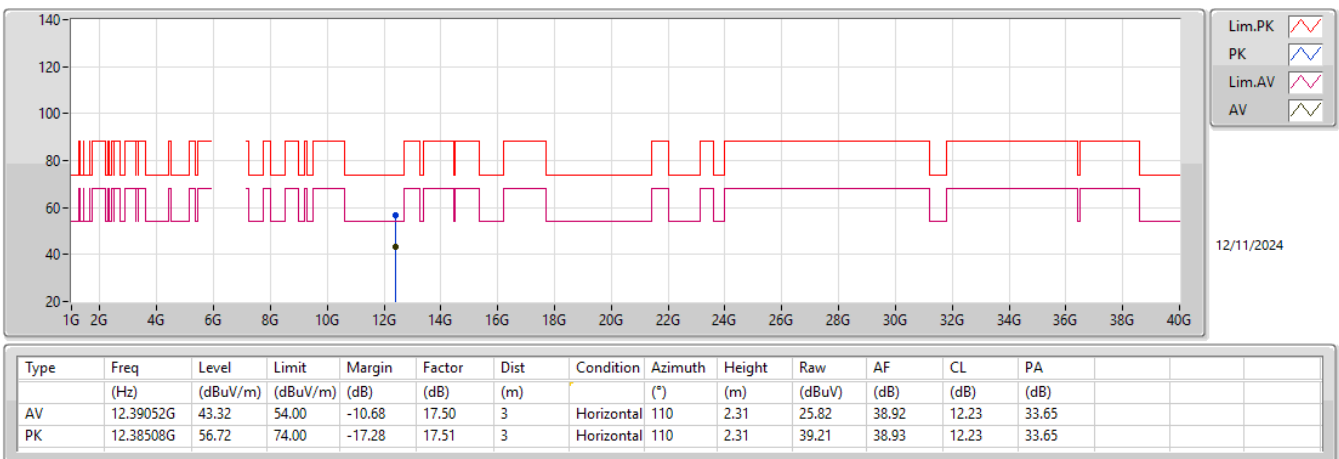
5.925-6.425GHz_802.11a_Nss1,(6Mbps)_2TX

6195MHz_TX



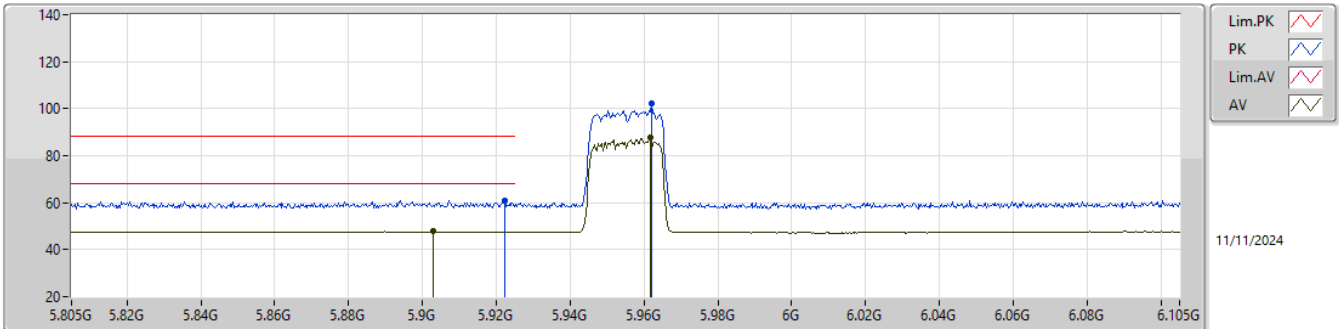
5.925-6.425GHz_802.11a_Nss1,(6Mbps)_2TX

6195MHz_TX



5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_2TX

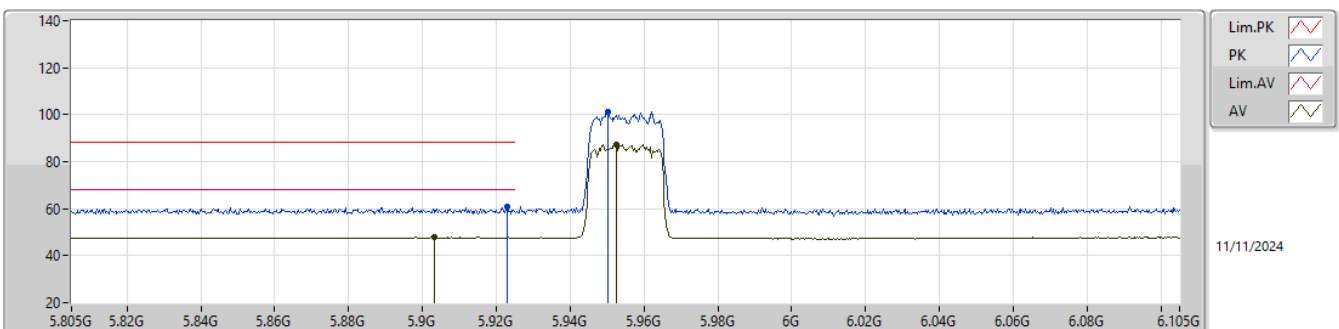
5955MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.9028G	47.70	68.20	-20.50	8.64	3	Vertical	76	1.12	39.06	34.19	8.60	34.15
AV	5.9619G	87.67	Inf	-Inf	8.55	3	Vertical	76	1.12	79.12	34.10	8.62	34.17
PK	5.9223G	60.90	88.20	-27.30	8.61	3	Vertical	76	1.12	52.29	34.16	8.61	34.16
PK	5.9622G	102.21	Inf	-Inf	8.55	3	Vertical	76	1.12	93.66	34.10	8.62	34.17

5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_2TX

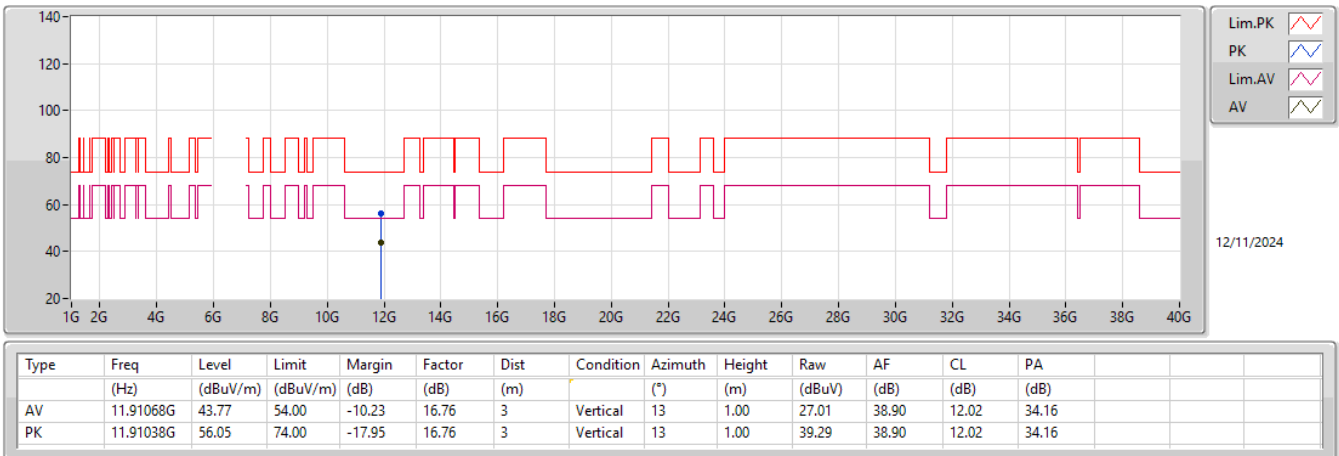
5955MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.9031G	47.73	68.20	-20.47	8.64	3	Horizontal	158	1.43	39.09	34.19	8.60	34.15
AV	5.9526G	87.34	Inf	-Inf	8.55	3	Horizontal	158	1.43	78.79	34.10	8.62	34.17
PK	5.9229G	60.74	88.20	-27.46	8.60	3	Horizontal	158	1.43	52.14	34.15	8.61	34.16
PK	5.9502G	101.35	Inf	-Inf	8.55	3	Horizontal	158	1.43	92.80	34.10	8.62	34.17

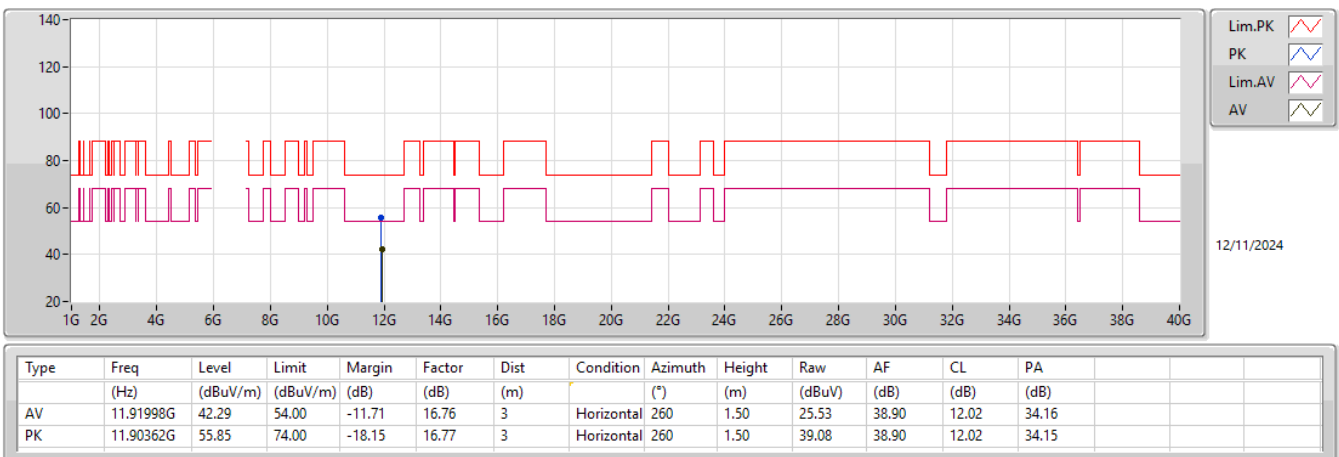
5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_2TX

5955MHz_TX



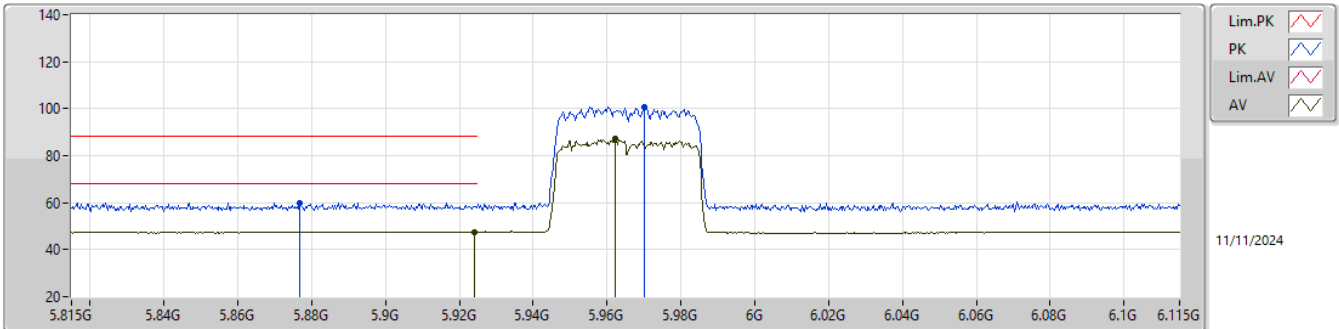
5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_2TX

5955MHz_TX



5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_2TX

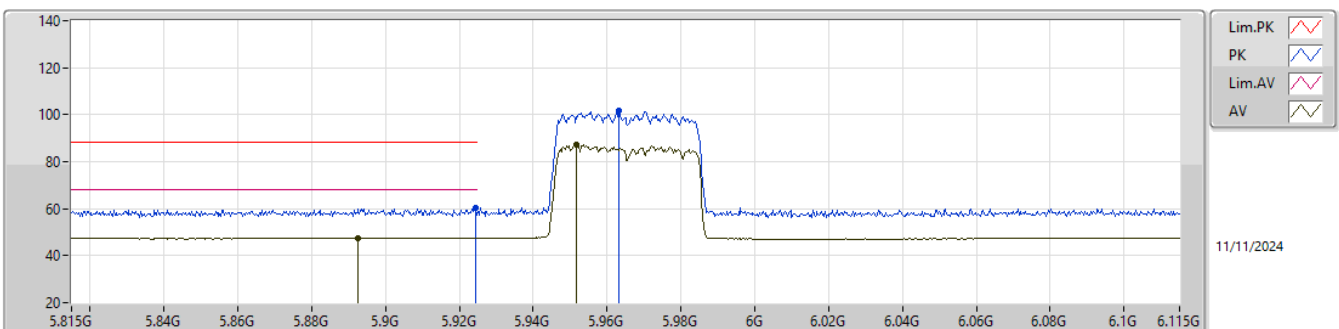
5965MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.9242G	47.65	68.20	-20.55	8.60	3	Vertical	76	1.12	39.05	34.15	8.61	34.16
AV	5.9623G	87.26	Inf	-Inf	8.55	3	Vertical	76	1.12	78.71	34.10	8.62	34.17
PK	5.8768G	59.83	88.20	-28.37	8.59	3	Vertical	76	1.12	51.24	34.15	8.58	34.14
PK	5.9701G	100.90	Inf	-Inf	8.55	3	Vertical	76	1.12	92.35	34.10	8.63	34.18

5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_2TX

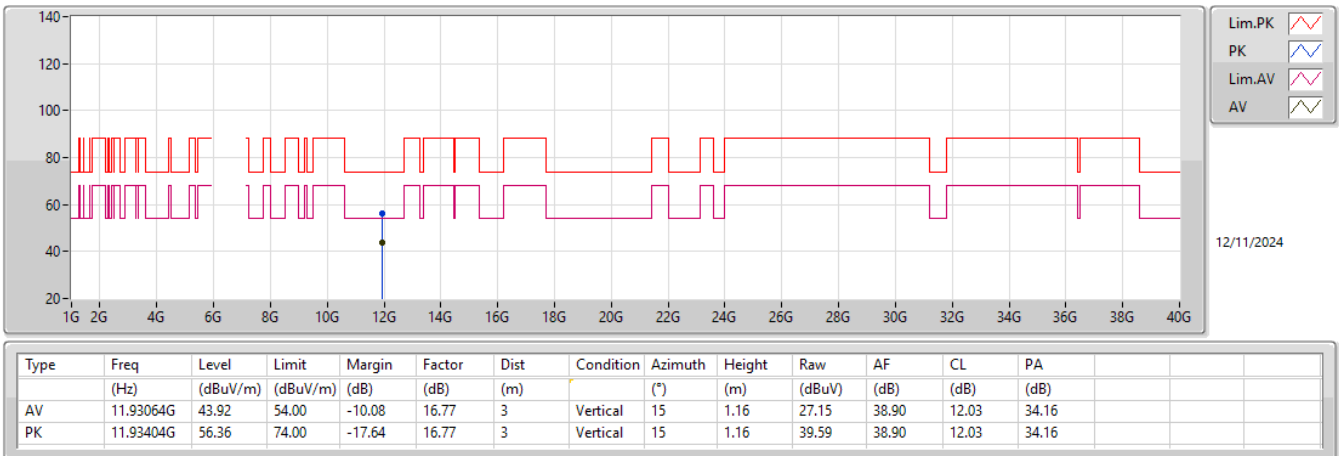
5965MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8927G	47.65	68.20	-20.55	8.64	3	Horizontal	159	1.40	39.01	34.19	8.59	34.14
AV	5.9518G	87.11	Inf	-Inf	8.55	3	Horizontal	159	1.40	78.56	34.10	8.62	34.17
PK	5.9245G	60.30	88.20	-27.90	8.60	3	Horizontal	159	1.40	51.70	34.15	8.61	34.16
PK	5.9632G	101.98	Inf	-Inf	8.55	3	Horizontal	159	1.40	93.43	34.10	8.62	34.17

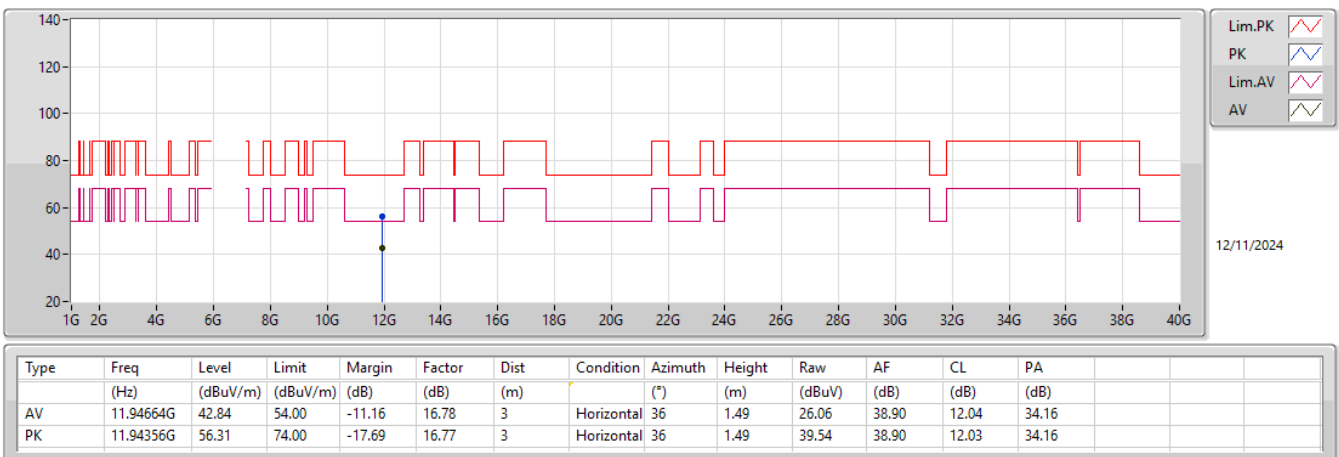
5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_2TX

5965MHz_TX



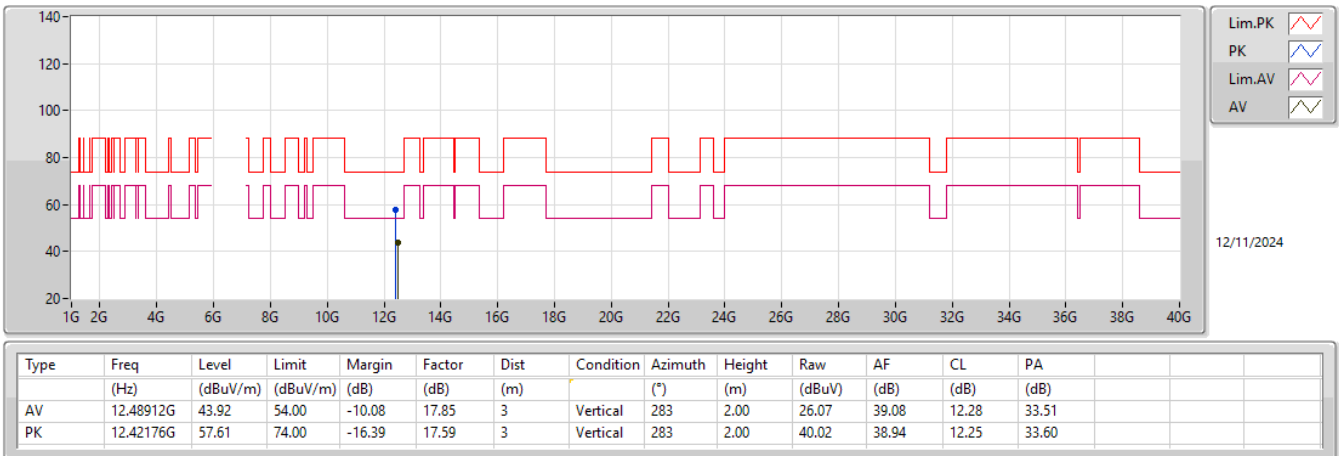
5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_2TX

5965MHz_TX



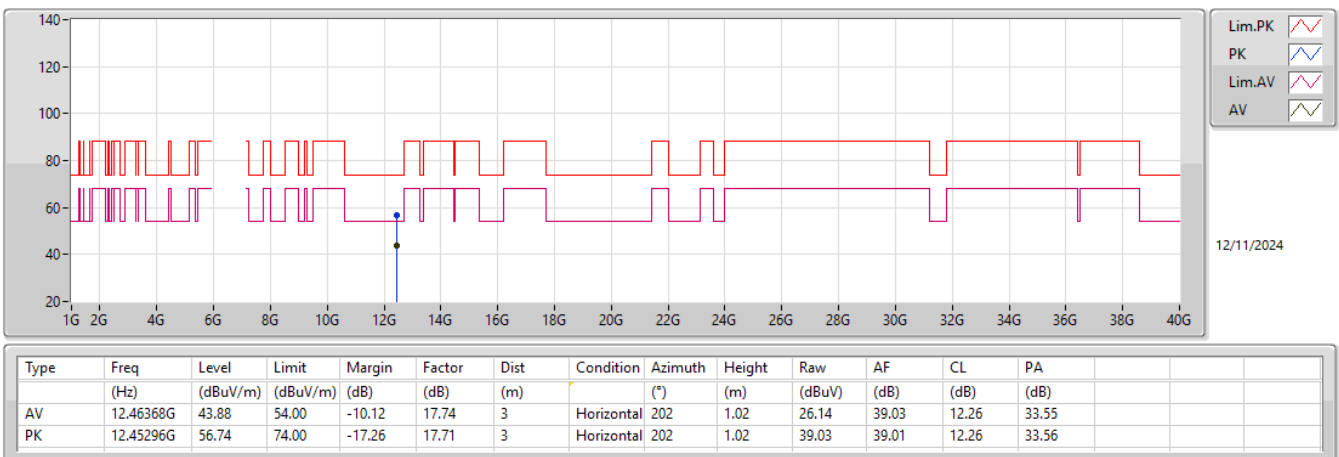
5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_2TX

6225MHz_TX



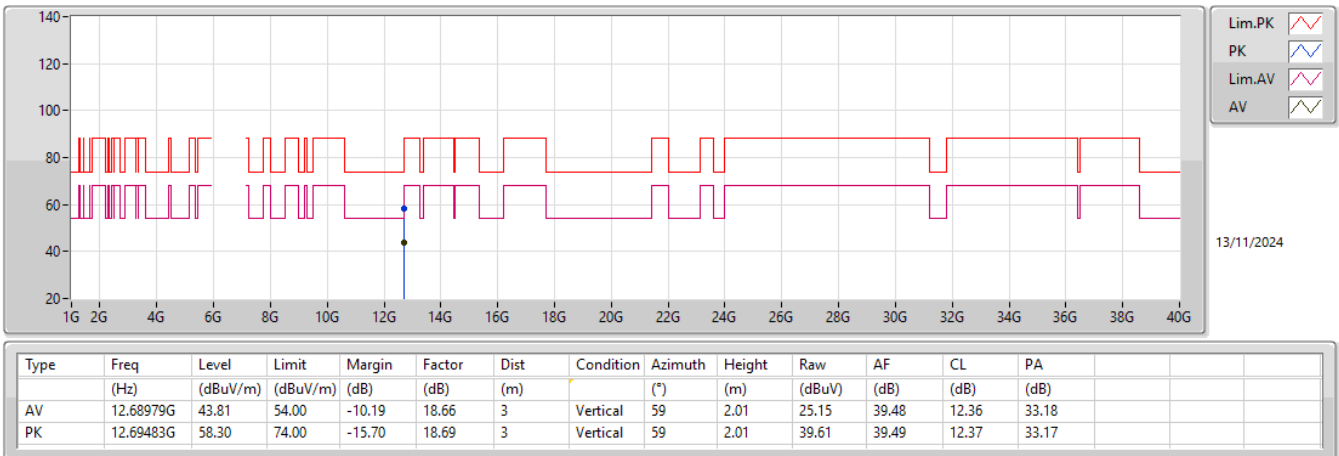
5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_2TX

6225MHz_TX



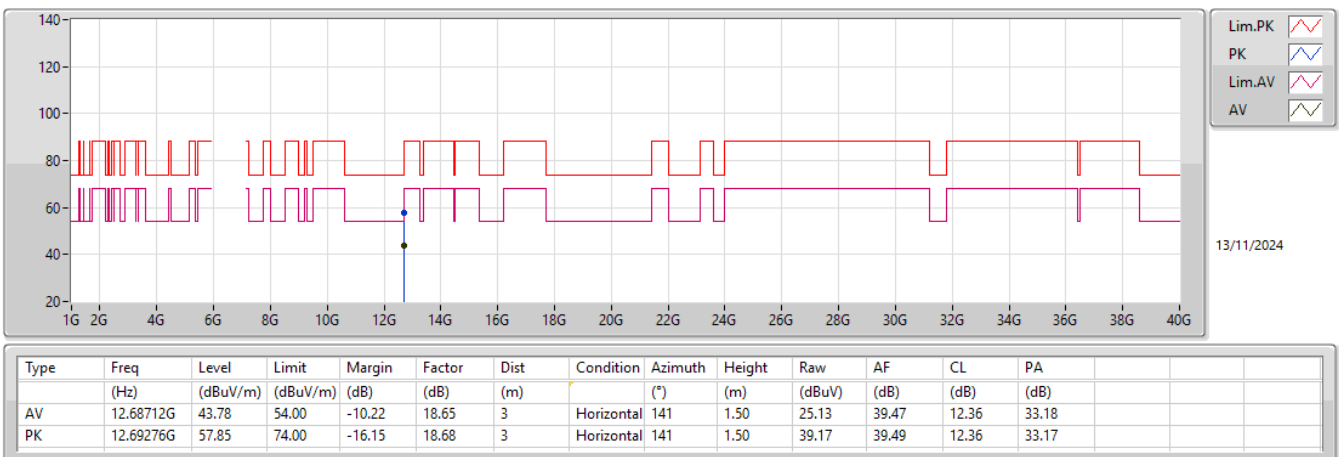
5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_2TX

6345MHz_TX



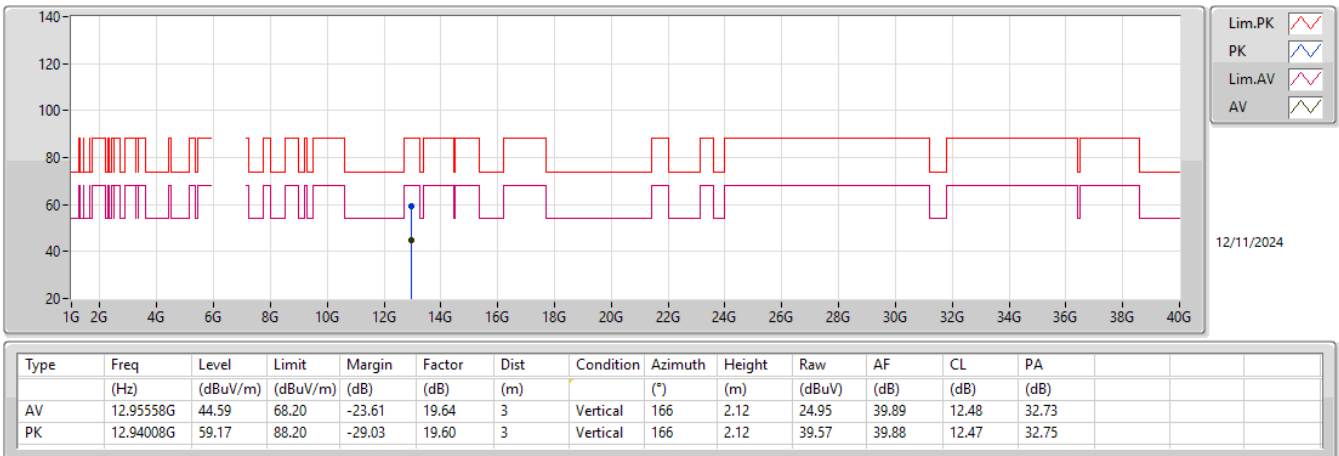
5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_2TX

6345MHz_TX



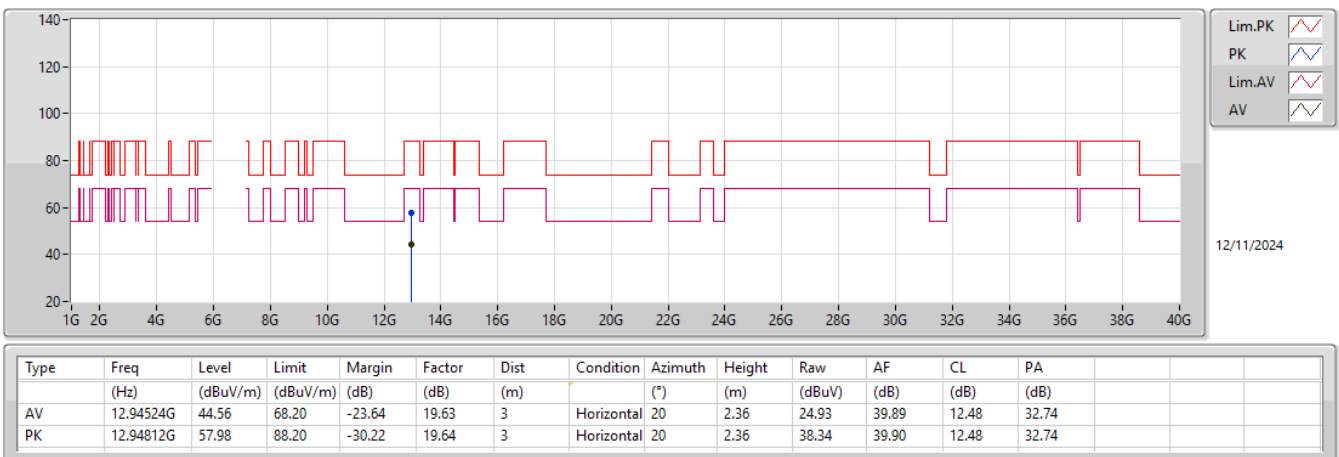
6.425-6.525GHz_802.11a_Nss1,(6Mbps)_2TX

6475MHz_TX



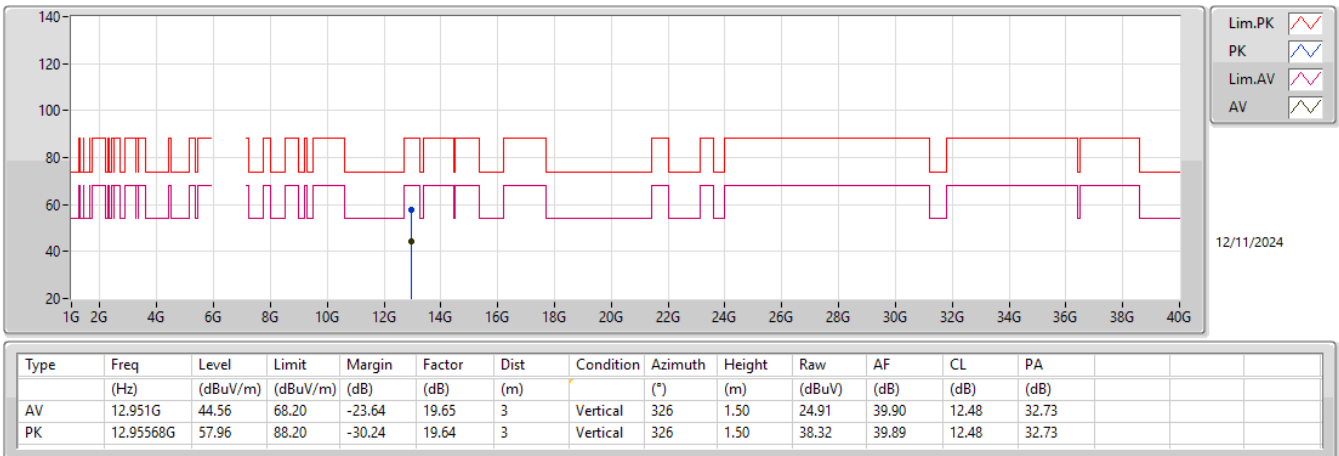
6.425-6.525GHz_802.11a_Nss1,(6Mbps)_2TX

6475MHz_TX



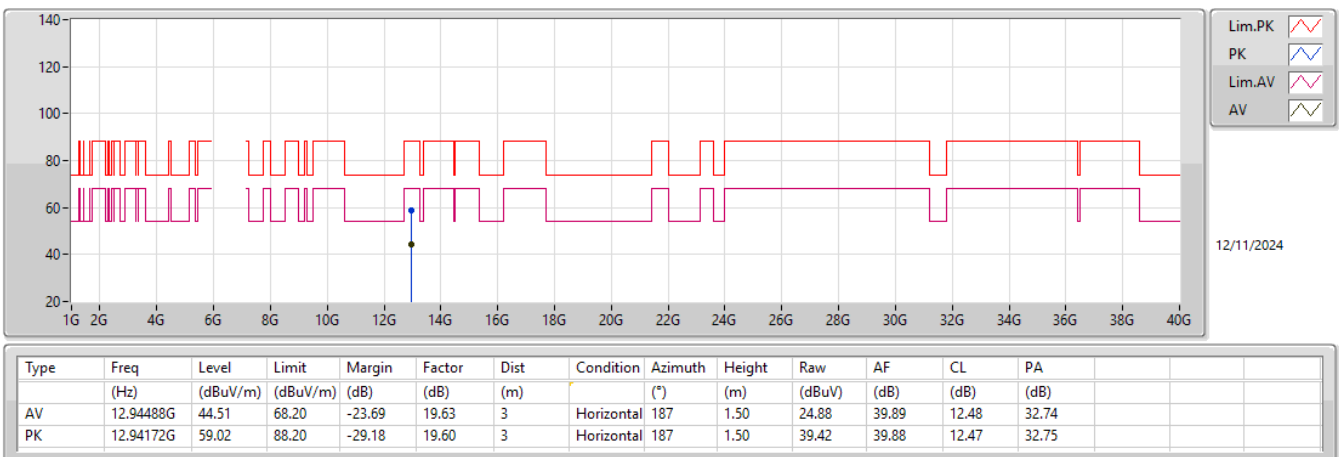
6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_2TX

6475MHz_TX



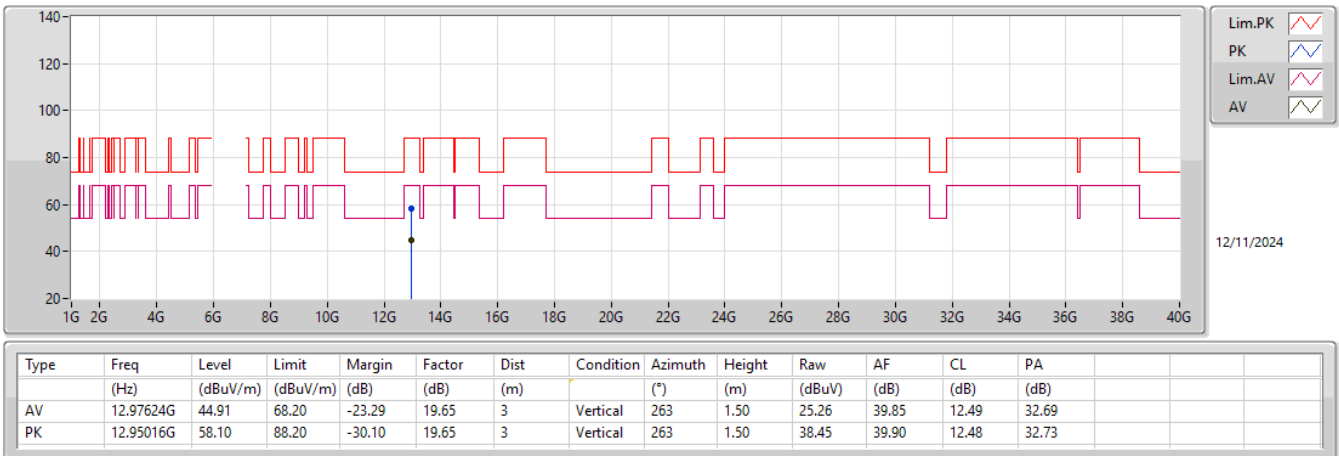
6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_2TX

6475MHz_TX



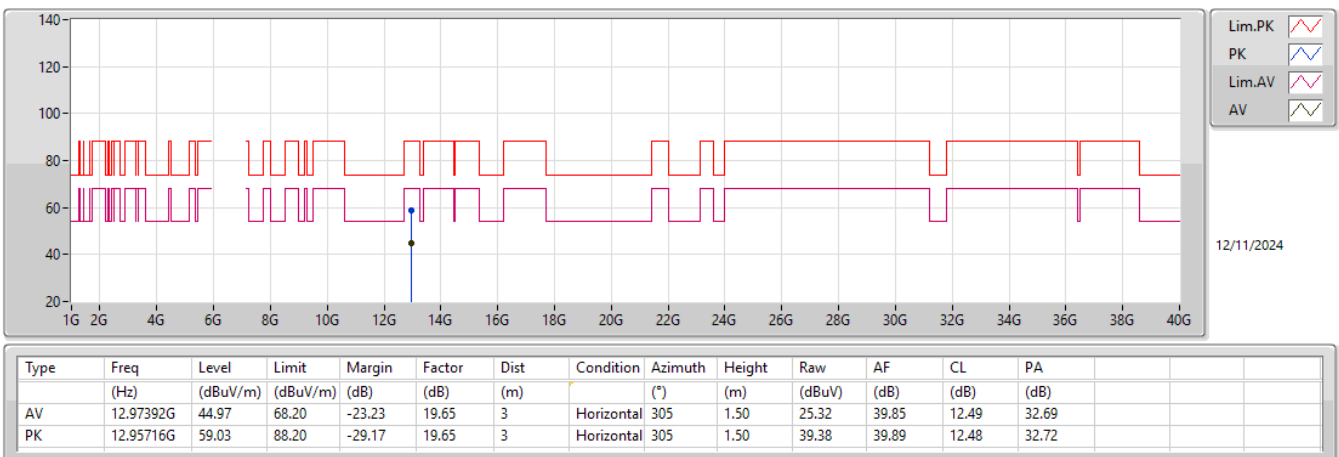
6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_2TX

6485MHz_TX



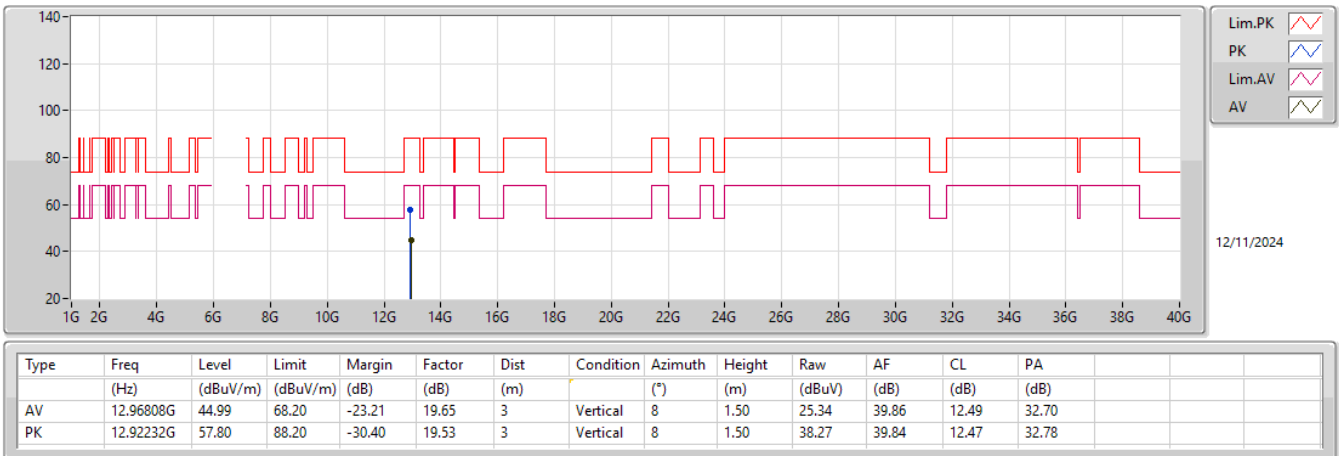
6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_2TX

6485MHz_TX



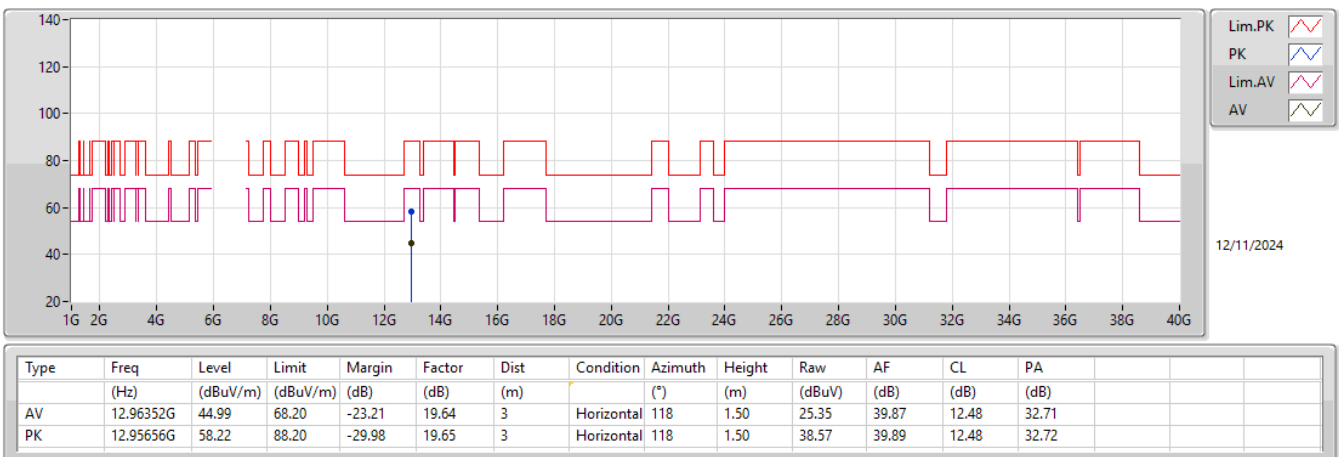
6.425-6.525GHz_802.11be EHT80_Nss1,(MCS0)_2TX

6465MHz_TX



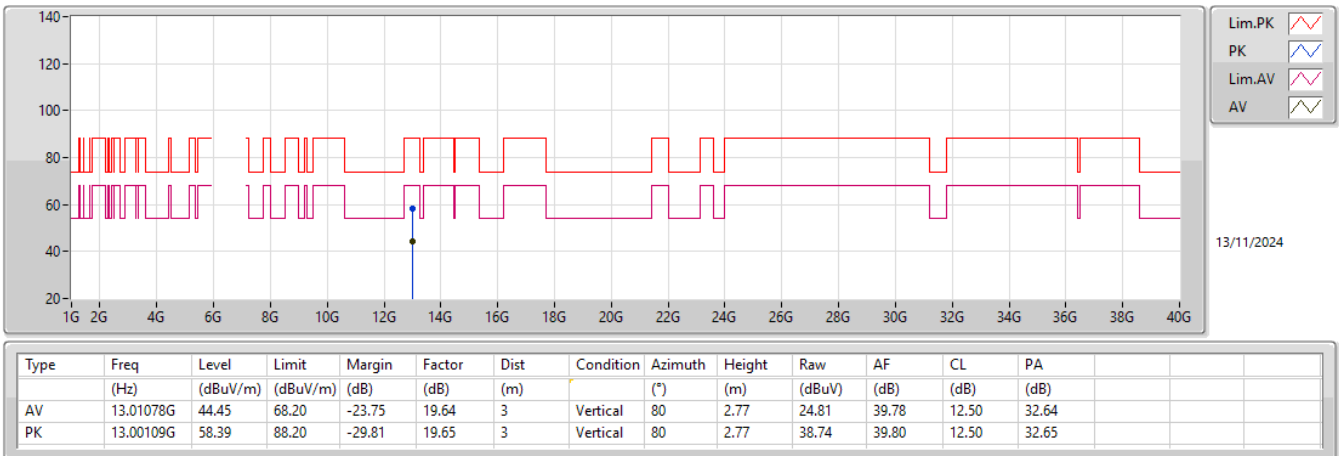
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6465MHz_TX



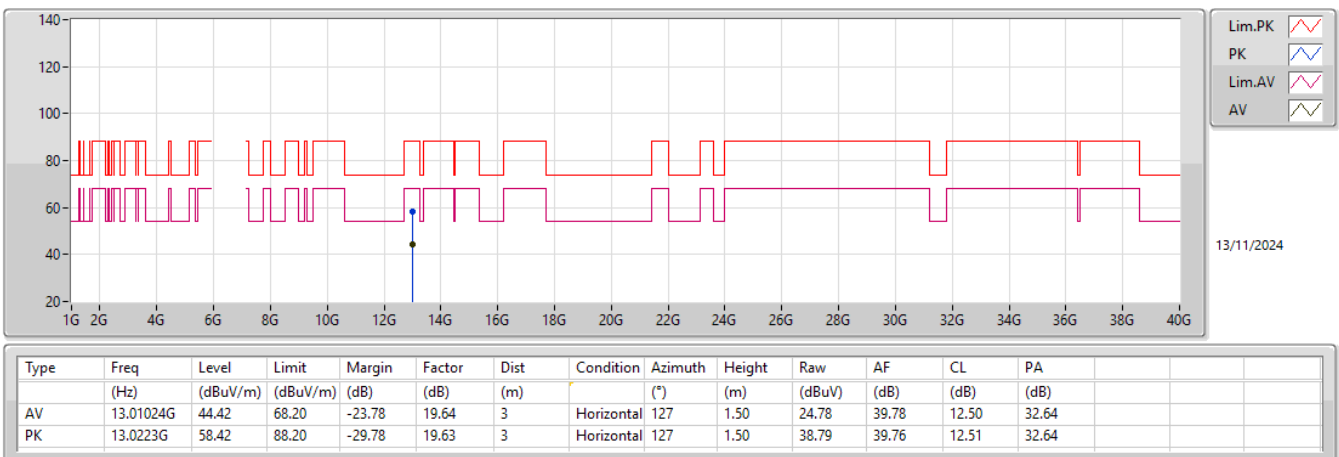
6.425-6.525GHz_802.11be EHT160_Nss1,(MCS0)_2TX

6505MHz_TX



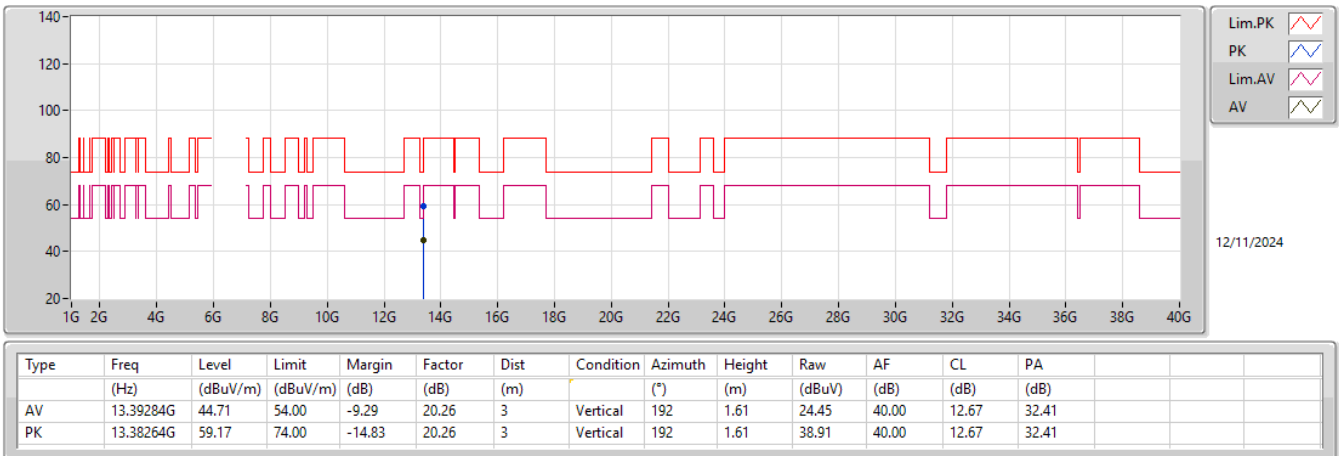
6.425-6.525GHz_802.11be EHT160_Nss1,(MCS0)_2TX

6505MHz_TX



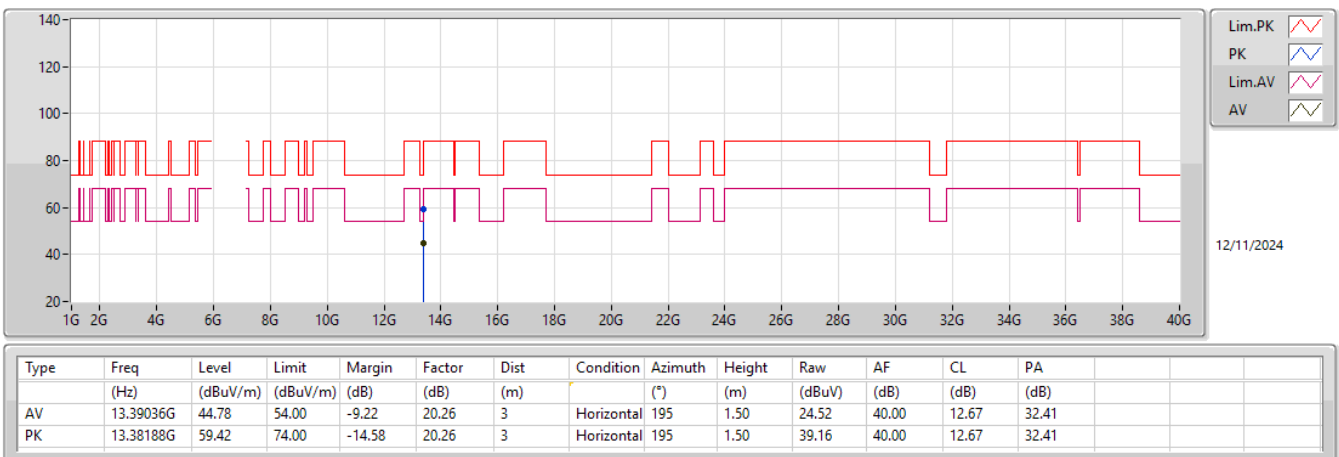
6.525-6.875GHz_802.11a_Nss1,(6Mbps)_2TX

6695MHz_TX



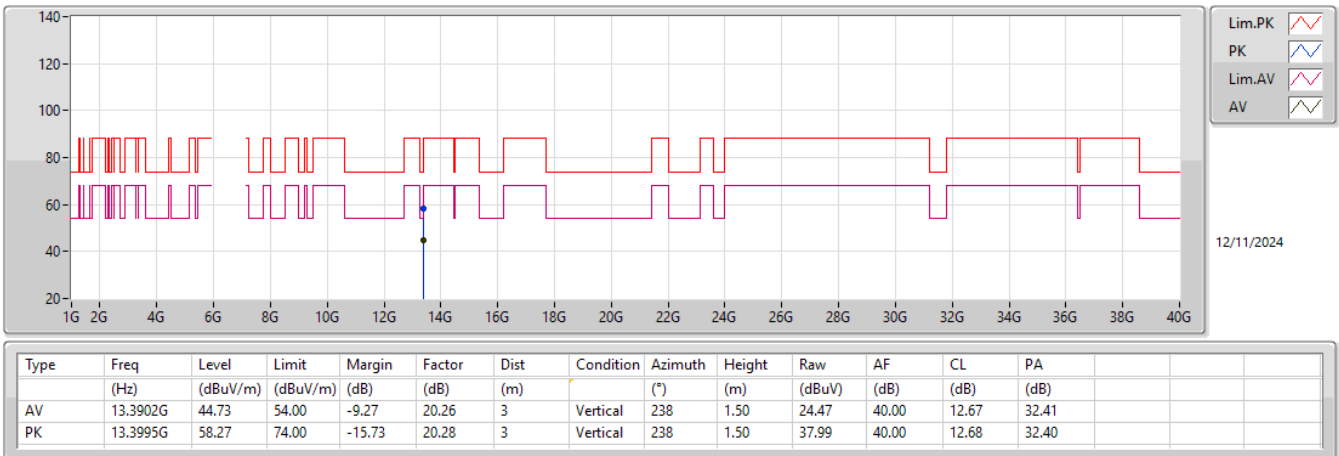
6.525-6.875GHz_802.11a_Nss1,(6Mbps)_2TX

6695MHz_TX



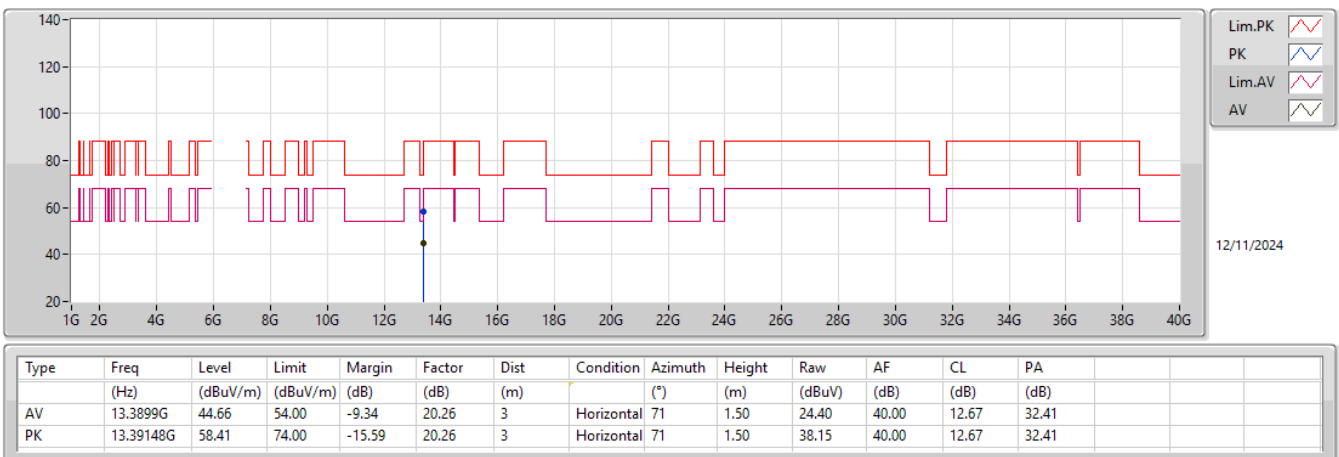
6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_2TX

6695MHz_TX



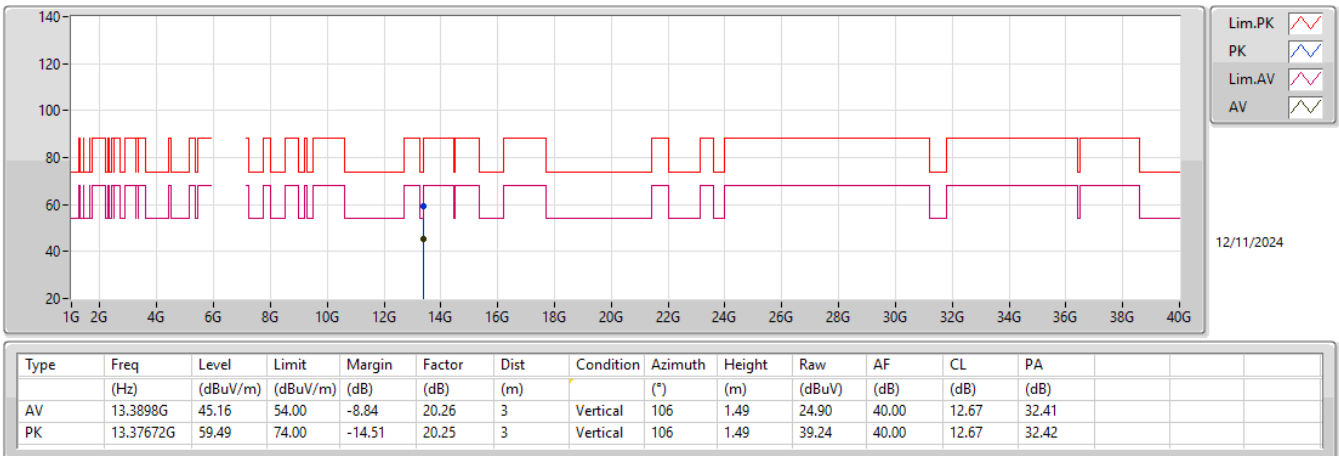
6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_2TX

6695MHz_TX



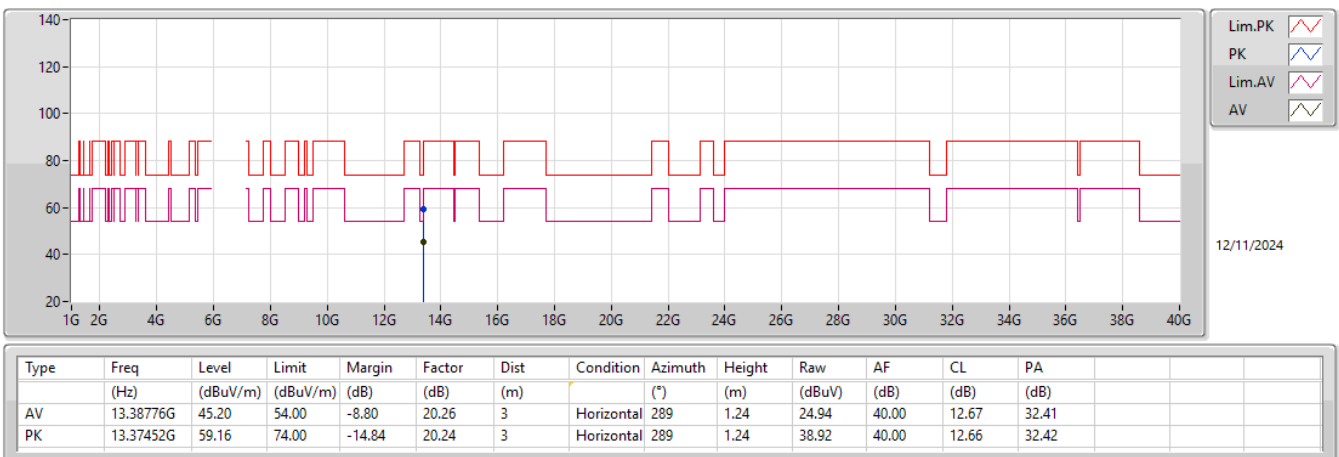
6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_2TX

6685MHz_TX



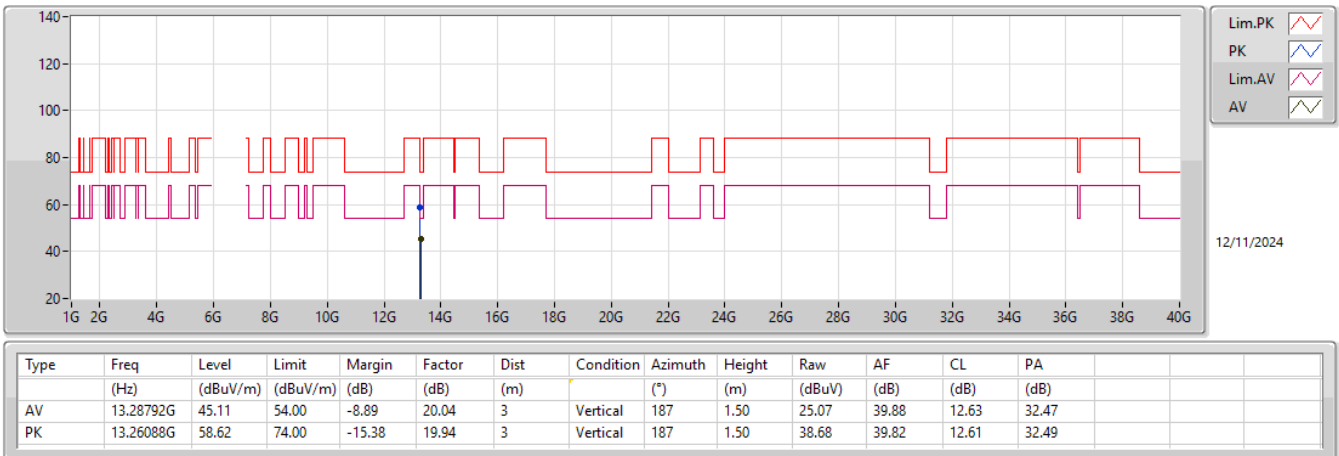
6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_2TX

6685MHz_TX



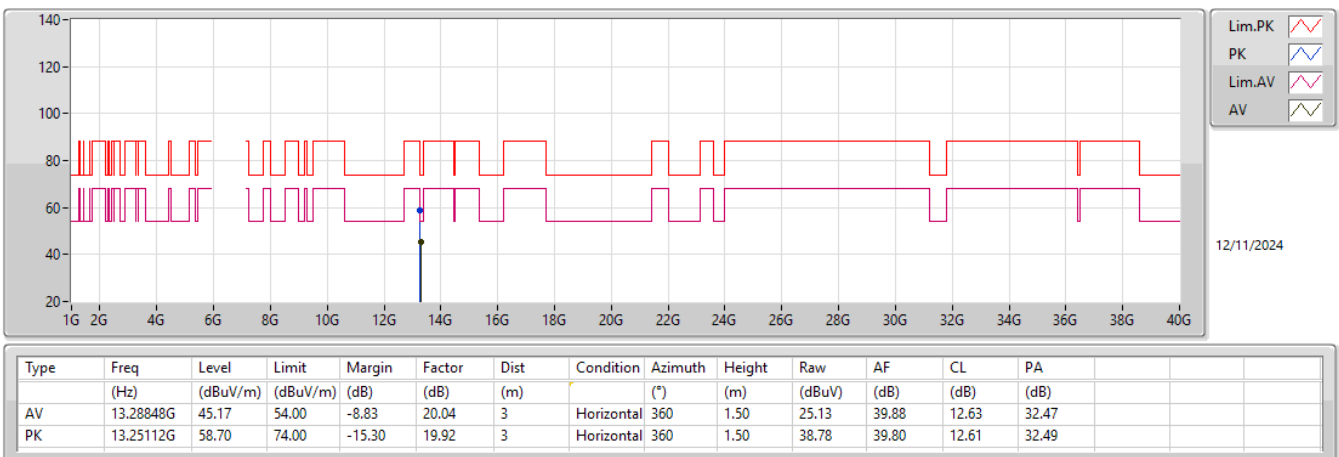
6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_2TX

6625MHz_TX



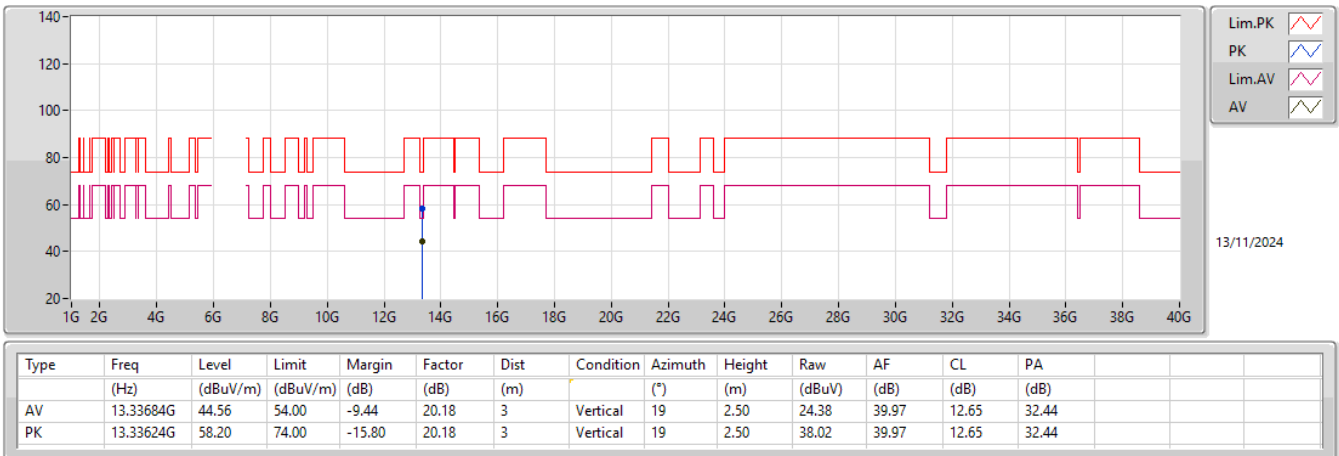
6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_2TX

6625MHz_TX



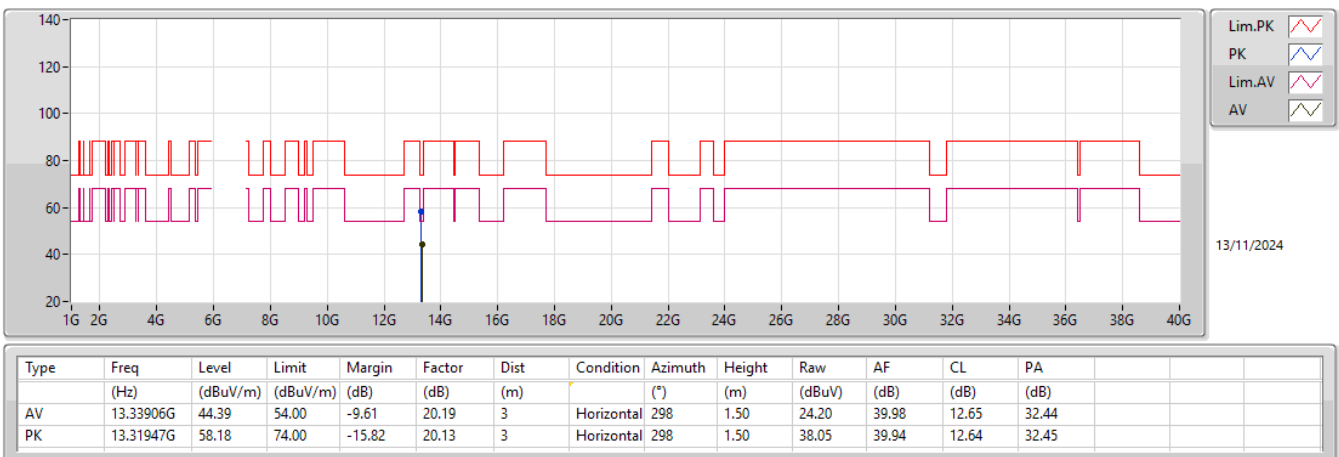
6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_2TX

6665MHz_TX



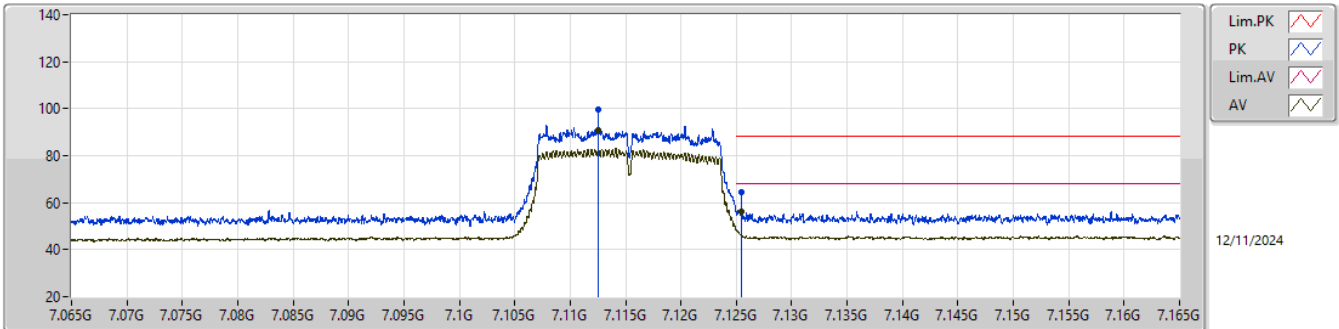
6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_2TX

6665MHz_TX



6.875-7.125GHz_802.11a_Nss1,(6Mbps)_2TX

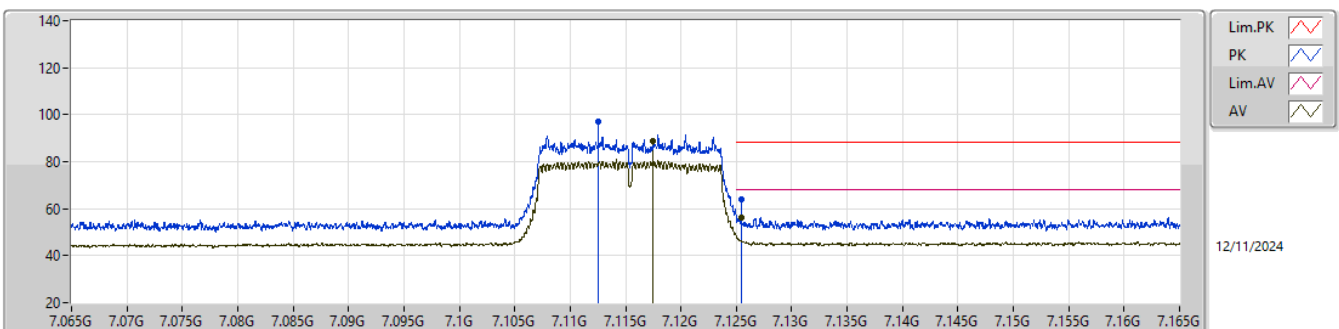
7115MHz_TX



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	7.1125G	91.05	Inf	-Inf	11.53	3	Vertical	71	1.01	79.52	36.48	9.46	34.41				
AV	7.1255G	56.07	68.20	-12.13	11.63	3	Vertical	71	1.01	44.44	36.55	9.48	34.40				
PK	7.1125G	99.47	Inf	-Inf	11.53	3	Vertical	71	1.01	87.94	36.48	9.46	34.41				
PK	7.1255G	64.58	88.20	-23.62	11.63	3	Vertical	71	1.01	52.95	36.55	9.48	34.40				

6.875-7.125GHz_802.11a_Nss1,(6Mbps)_2TX

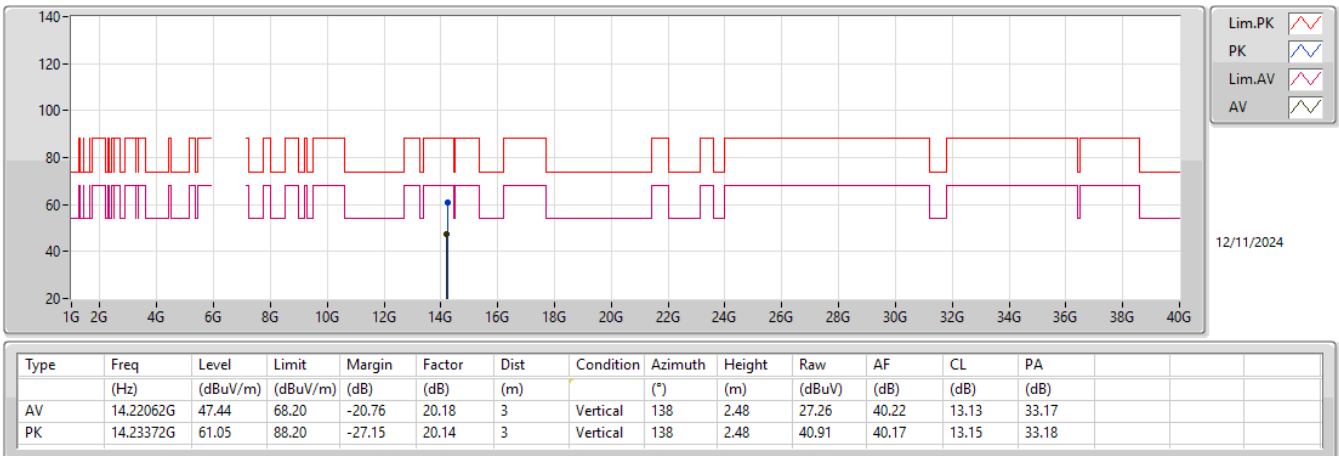
7115MHz_TX



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	7.1175G	88.65	Inf	-Inf	11.57	3	Horizontal	148	1.00	77.08	36.51	9.47	34.41			
AV	7.1255G	55.98	68.20	-12.22	11.63	3	Horizontal	148	1.00	44.35	36.55	9.48	34.40			
PK	7.1125G	97.11	Inf	-Inf	11.53	3	Horizontal	148	1.00	85.58	36.48	9.46	34.41			
PK	7.1255G	63.89	88.20	-24.31	11.63	3	Horizontal	148	1.00	52.26	36.55	9.48	34.40			

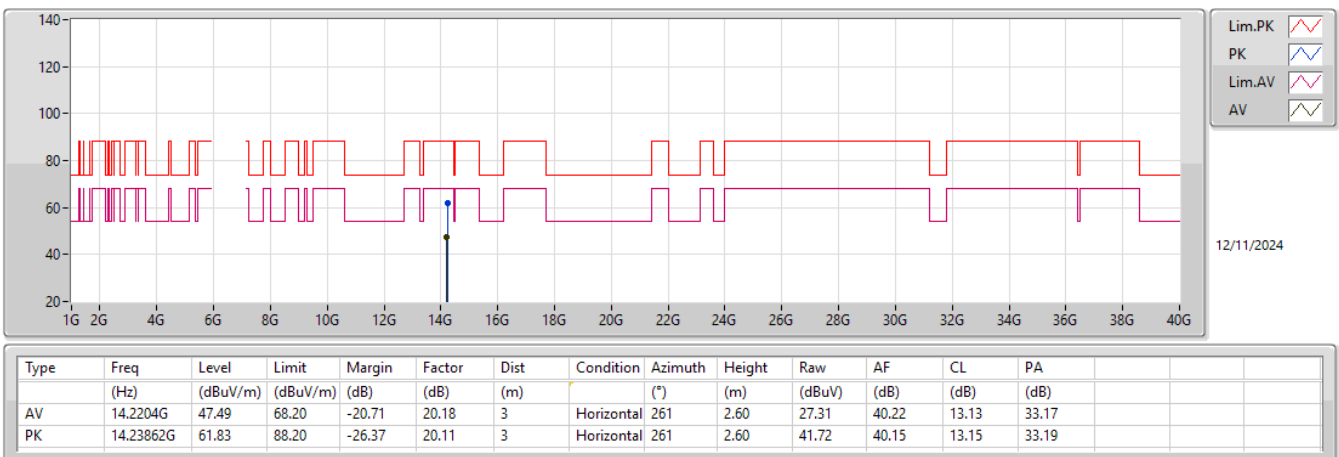
6.875-7.125GHz_802.11a_Nss1,(6Mbps)_2TX

7115MHz_TX



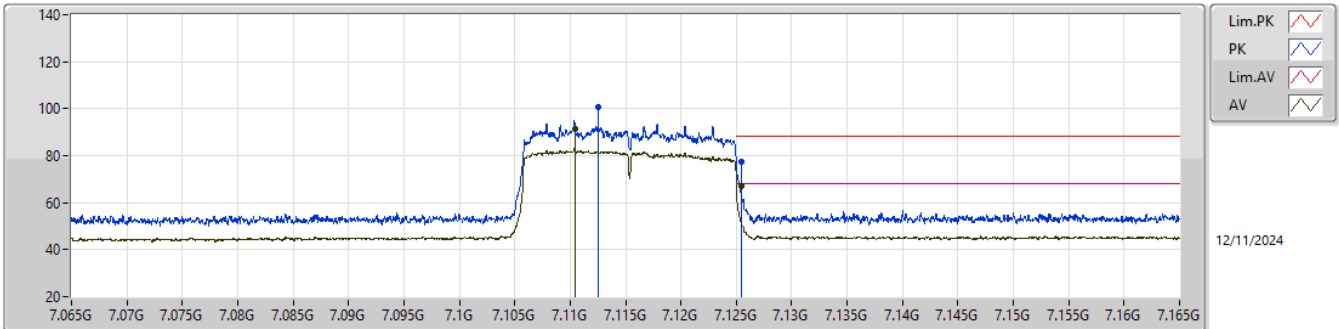
6.875-7.125GHz_802.11a_Nss1,(6Mbps)_2TX

7115MHz_TX



6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_2TX

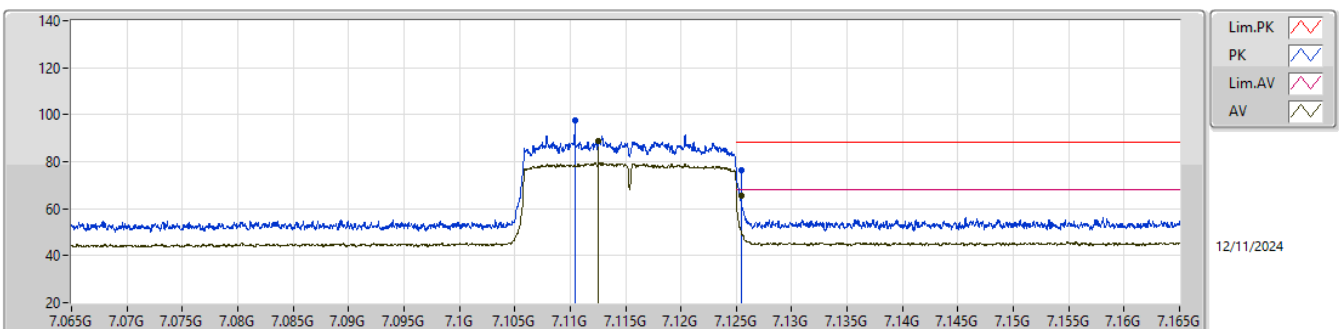
7115MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	7.1105G	91.48	Inf	-Inf	11.51	3	Vertical	95	1.09	79.97	36.46	9.46	34.41
AV	7.1255G	66.86	68.20	-1.34	11.63	3	Vertical	95	1.09	55.23	36.55	9.48	34.40
PK	7.1125G	100.67	Inf	-Inf	11.53	3	Vertical	95	1.09	89.14	36.48	9.46	34.41
PK	7.1255G	77.46	88.20	-10.74	11.63	3	Vertical	95	1.09	65.83	36.55	9.48	34.40

6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_2TX

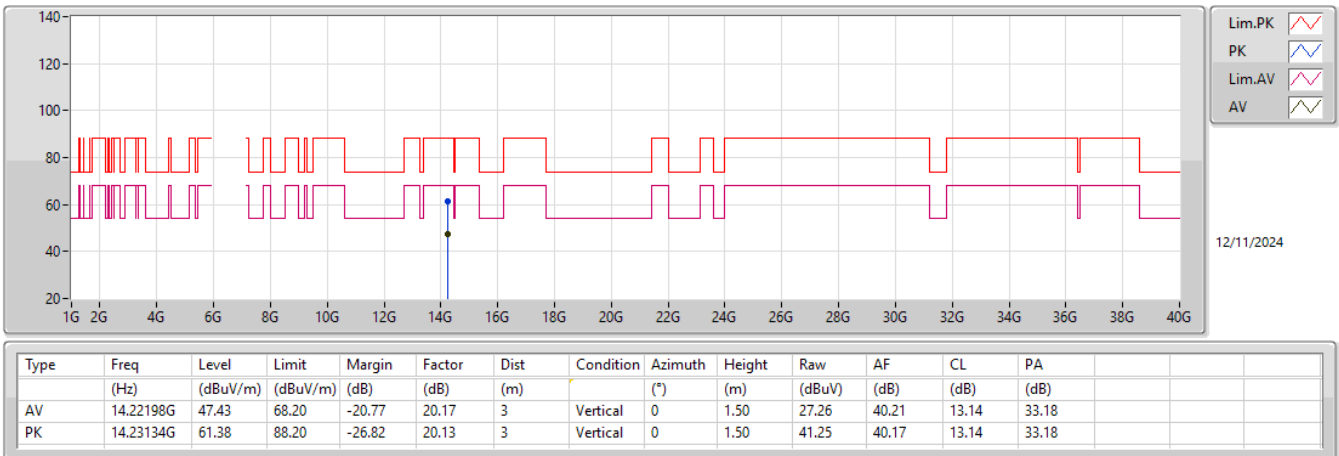
7115MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	7.1125G	88.64	Inf	-Inf	11.53	3	Horizontal	148	1.00	77.11	36.48	9.46	34.41
AV	7.1255G	65.77	68.20	-2.43	11.63	3	Horizontal	148	1.00	54.14	36.55	9.48	34.40
PK	7.1105G	97.60	Inf	-Inf	11.51	3	Horizontal	148	1.00	86.09	36.46	9.46	34.41
PK	7.1255G	76.14	88.20	-12.06	11.63	3	Horizontal	148	1.00	64.51	36.55	9.48	34.40

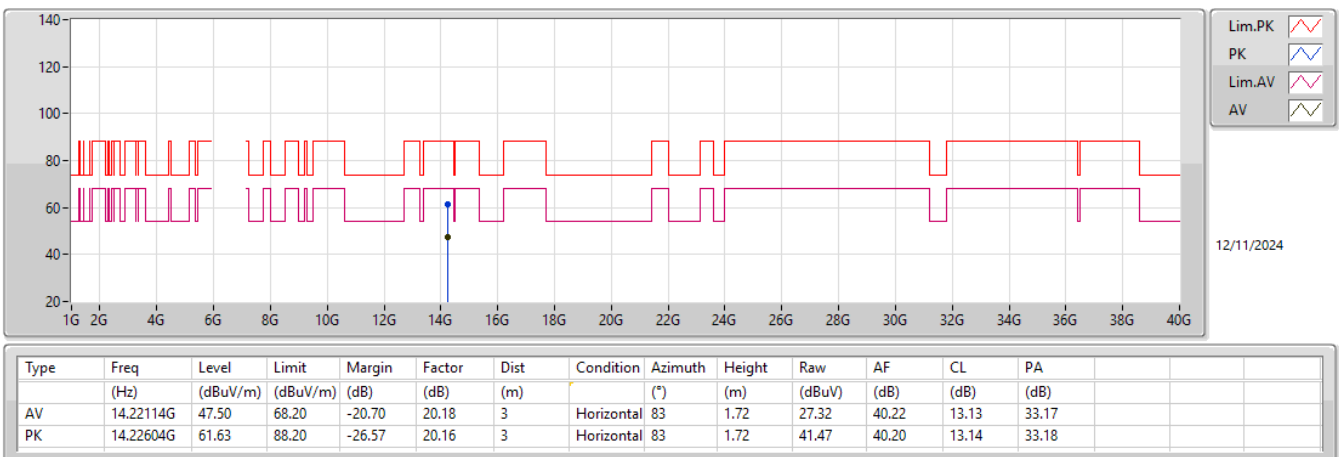
6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_2TX

7115MHz_TX



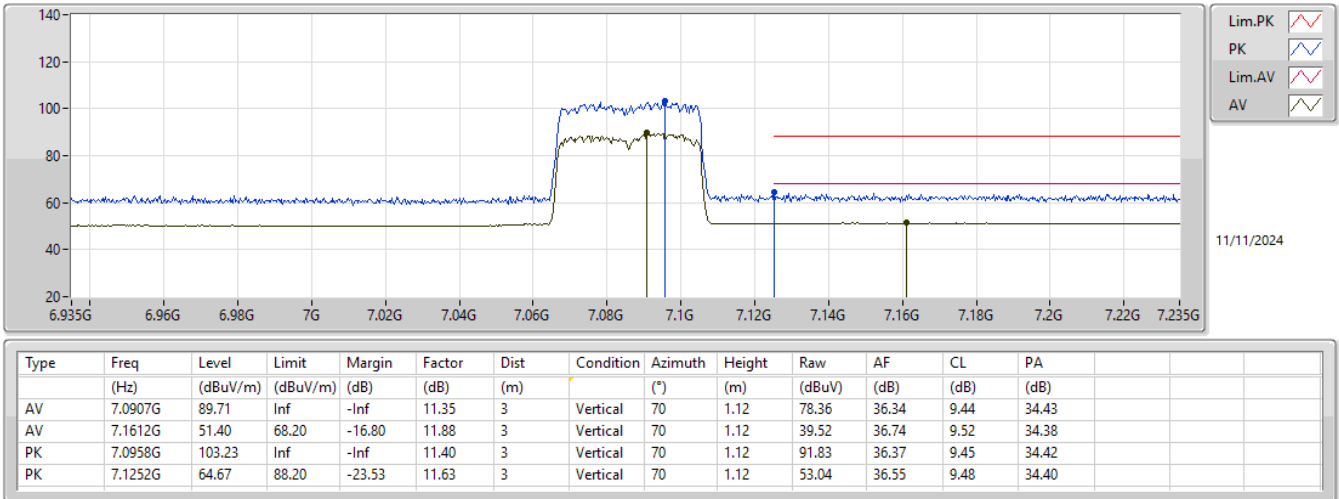
6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_2TX

7115MHz_TX



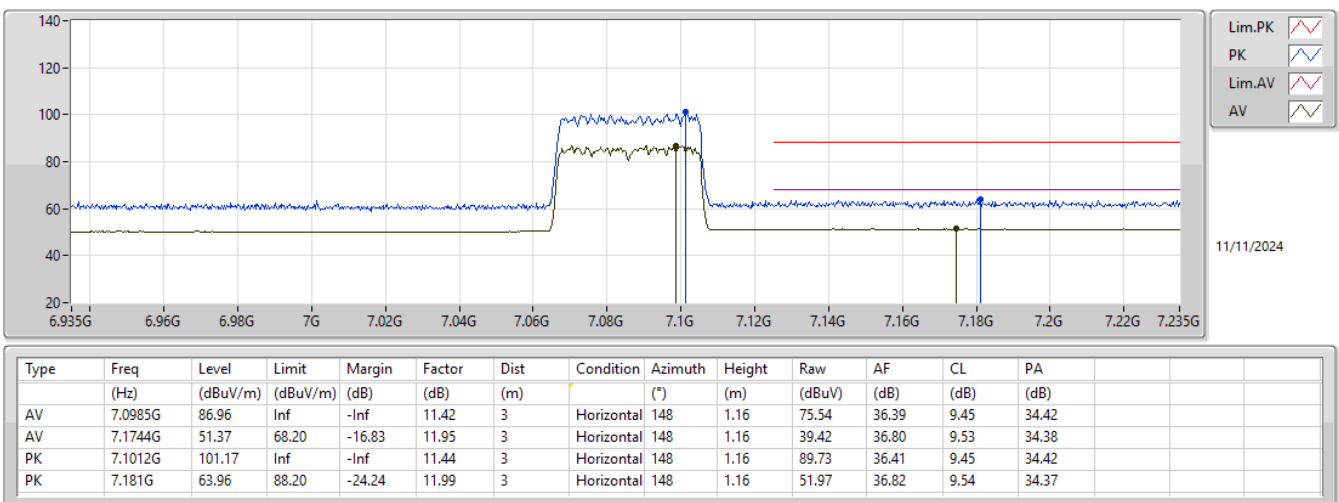
6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_2TX

7085MHz_TX



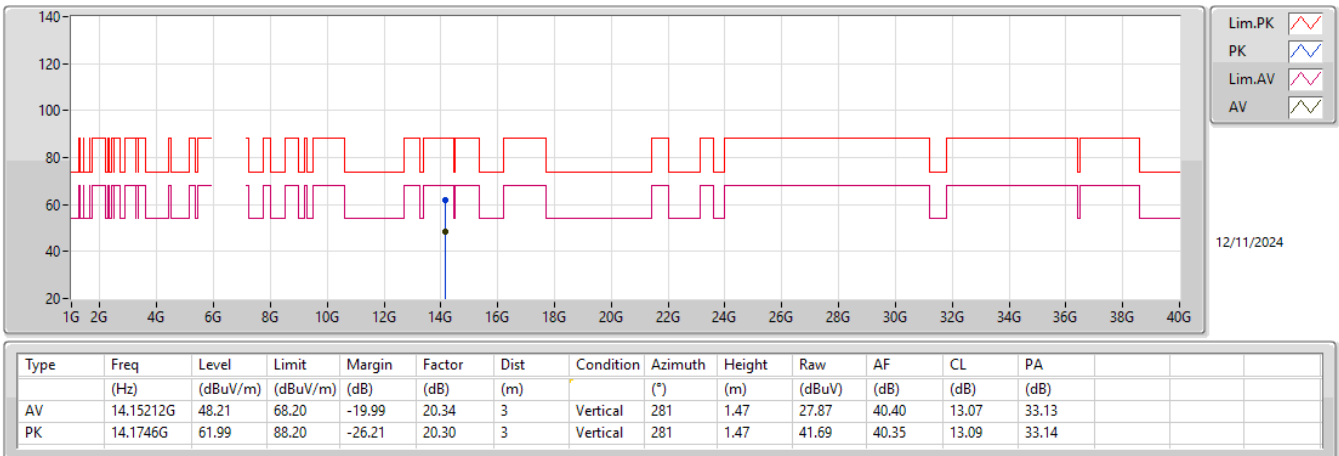
6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_2TX

7085MHz_TX



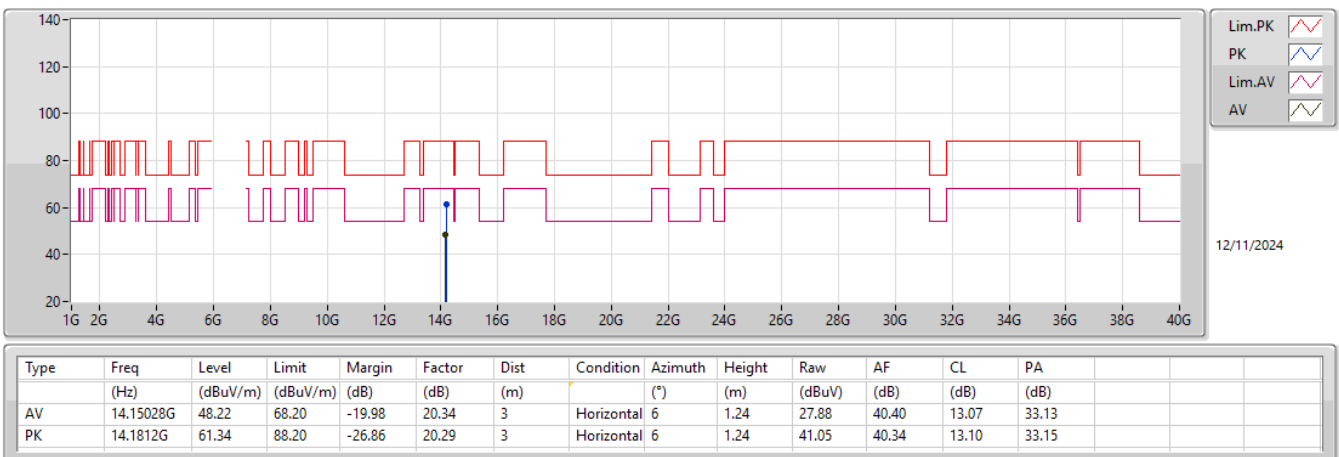
6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_2TX

7085MHz_TX



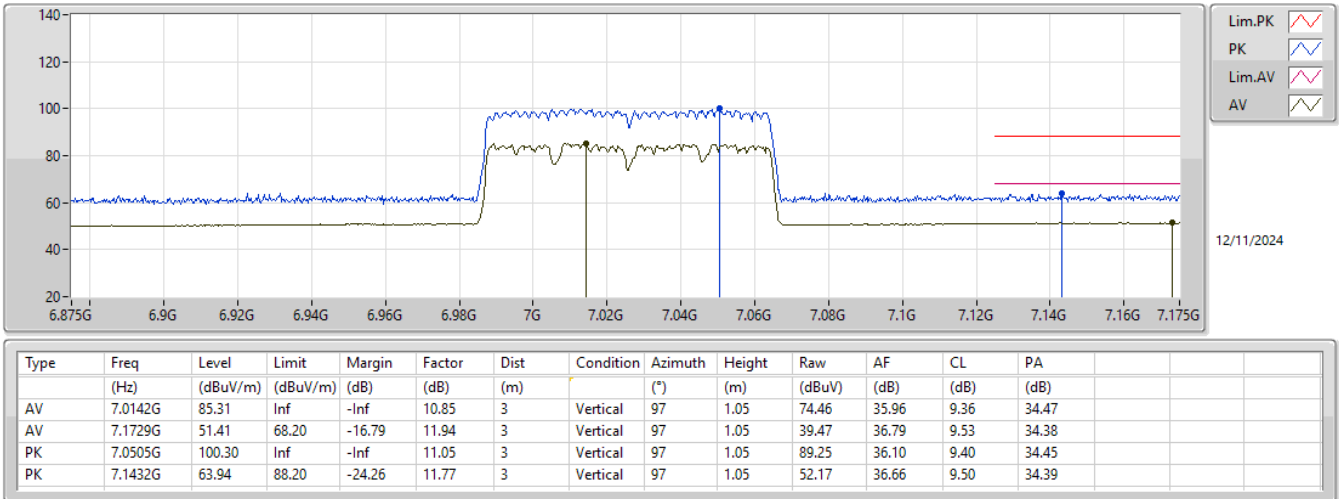
6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_2TX

7085MHz_TX



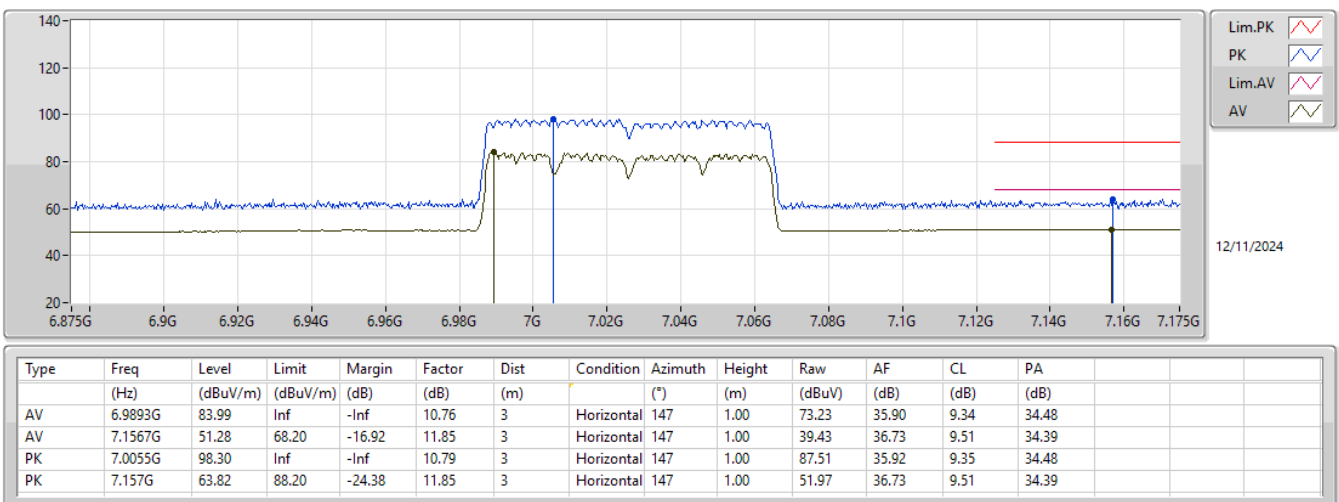
6.875-7.125GHz_802.11be EHT80_Nss1,(MCS0)_2TX

7025MHz_TX



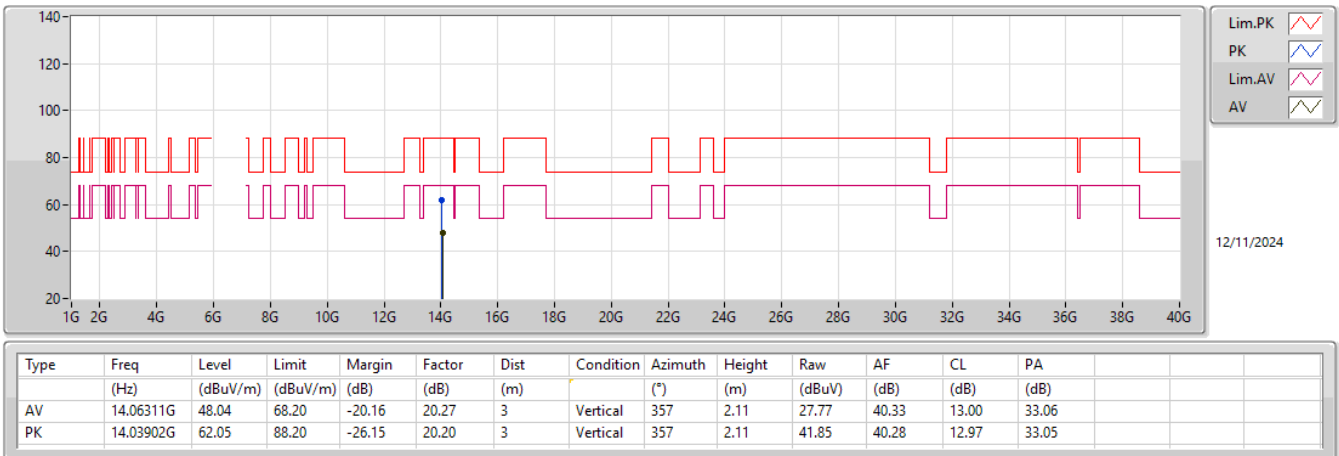
6.875-7.125GHz_802.11be EHT80_Nss1,(MCS0)_2TX

7025MHz_TX



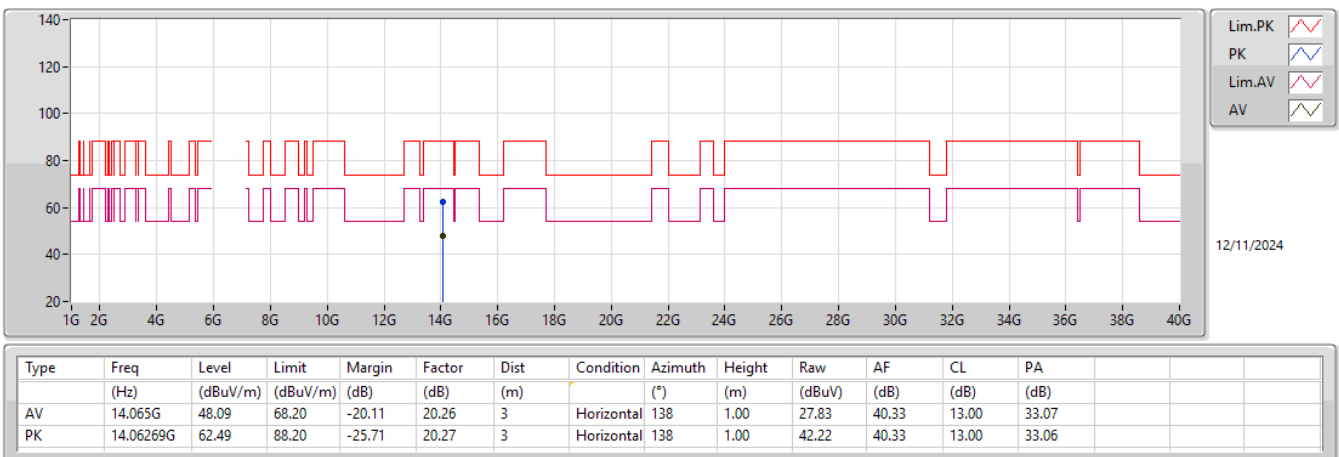
6.875-7.125GHz_802.11be EHT80_Nss1,(MCS0)_2TX

7025MHz_TX



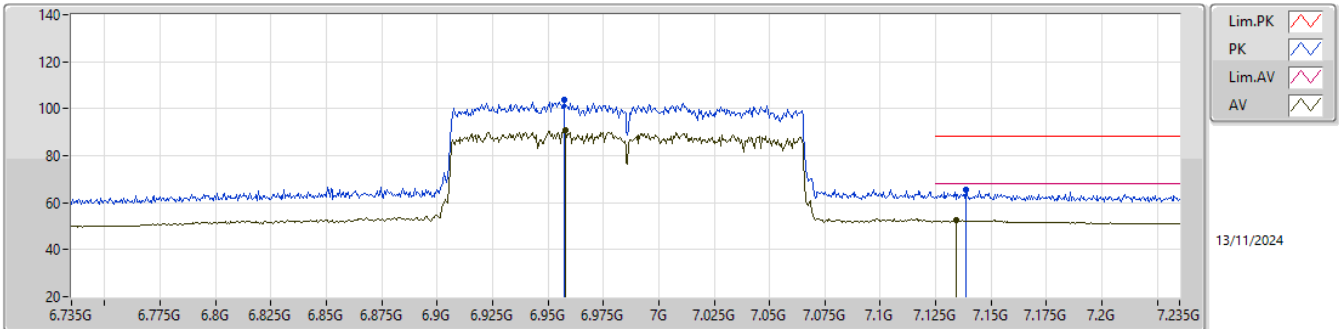
6.875-7.125GHz_802.11be EHT80_Nss1,(MCS0)_2TX

7025MHz_TX



6.875-7.125GHz_802.11be EHT160_Nss1,(MCS0)_2TX

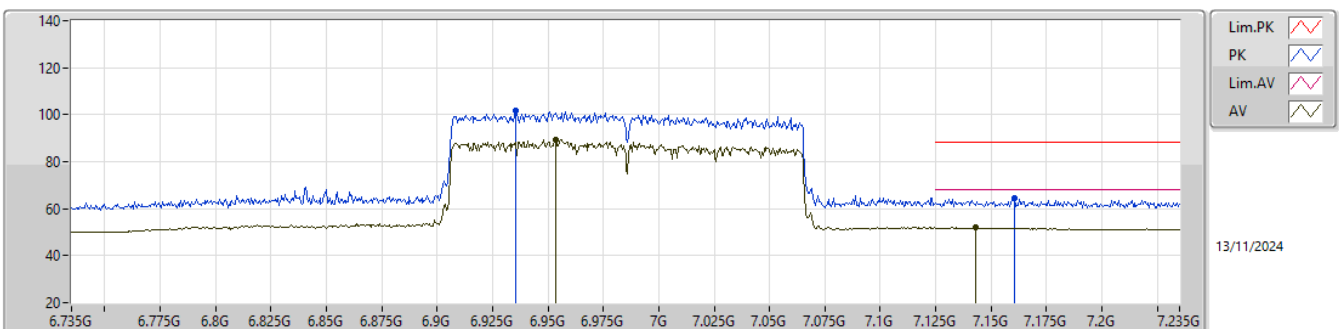
6985MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	6.958G	90.96	Inf	-Inf	10.76	3	Vertical	69	1.09	80.20	35.90	9.34	34.48
AV	7.1345G	52.44	68.20	-15.76	11.70	3	Vertical	69	1.09	40.74	36.61	9.49	34.40
PK	6.9575G	103.60	Inf	-Inf	10.76	3	Vertical	69	1.09	92.84	35.90	9.34	34.48
PK	7.1385G	65.48	88.20	-22.72	11.72	3	Vertical	69	1.09	53.76	36.63	9.49	34.40

6.875-7.125GHz_802.11be EHT160_Nss1,(MCS0)_2TX

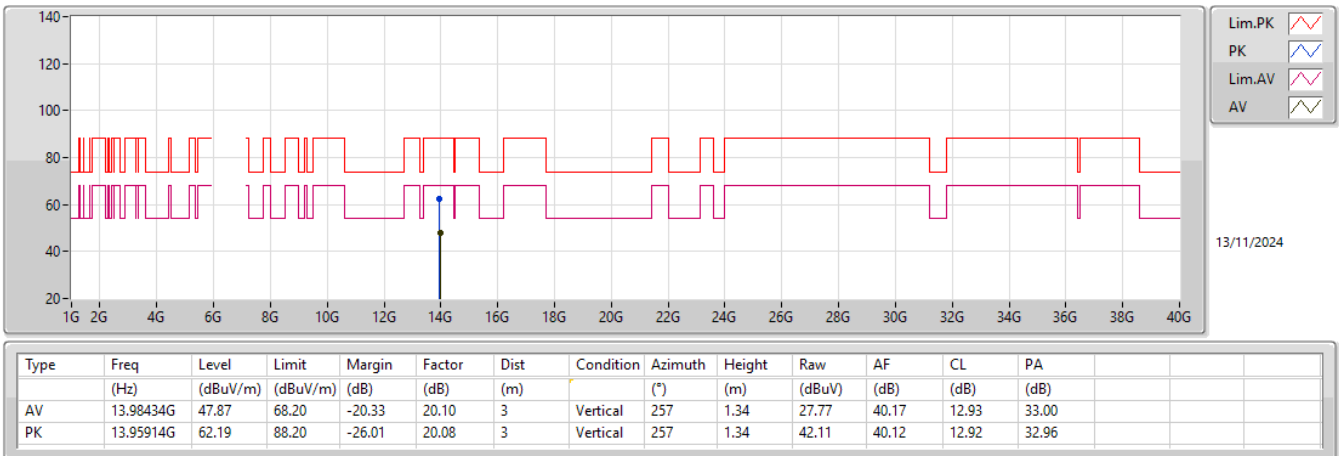
6985MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	6.9535G	89.34	Inf	-Inf	10.76	3	Horizontal	147	1.00	78.58	35.90	9.34	34.48
AV	7.143G	51.86	68.20	-16.34	11.77	3	Horizontal	147	1.00	40.09	36.66	9.50	34.39
PK	6.9555G	101.76	Inf	-Inf	10.76	3	Horizontal	147	1.00	91.00	35.90	9.33	34.47
PK	7.1605G	64.52	88.20	-23.68	11.88	3	Horizontal	147	1.00	52.64	36.74	9.52	34.38

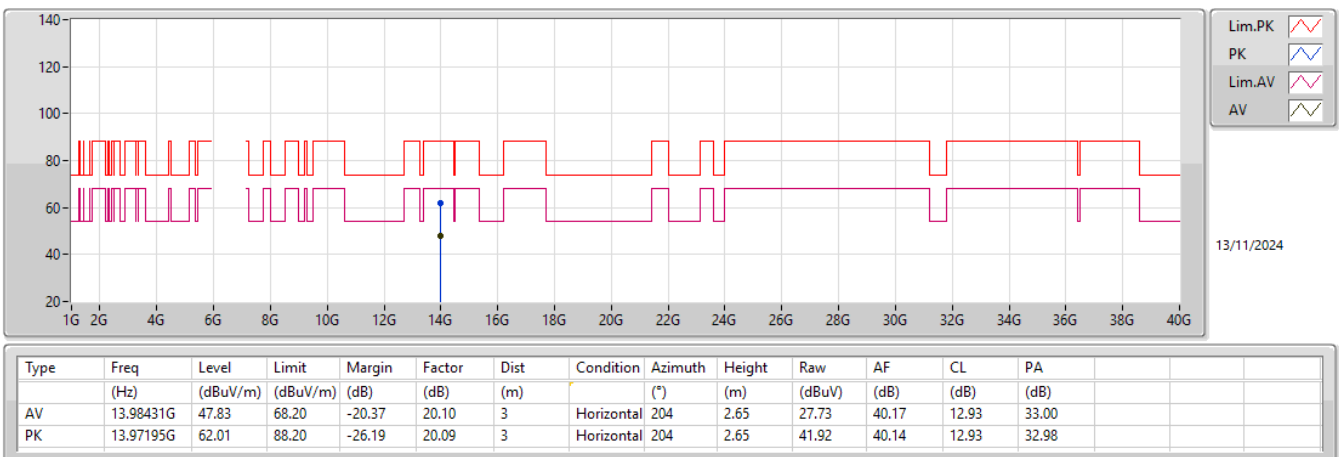
6.875-7.125GHz_802.11be EHT160_Nss1,(MCS0)_2TX

6985MHz_TX



6.875-7.125GHz_802.11be EHT160_Nss1,(MCS0)_2TX

6985MHz_TX



Antenna Gain(dBi)			
UNII5	UNII6	UNII7	UNII8
2.7	2.7	2.7	2.7

Contention Based protocol (802.11be EHT20)											
UNII Band	Test Channel	Bandwidth (MHz)	Frequency (MHz)	Intetference frequency (MHz)		AWGN Threshold Level (dBm)	EUT Status	Number of Detected (out of 10 times)	Detection Probability (%)	Limit (%)	Test Result
5	53	20	6215	Center	6215	-80.70	OFF	10	100	90	Pass
6	101	20	6455	Center	6455	-85.70	OFF	10	100	90	Pass
7	149	20	6695	Center	6695	-79.70	OFF	10	100	90	Pass
8	213	20	7015	Center	7015	-81.70	OFF	10	100	90	Pass

Contention Based protocol (802.11be EHT160)											
UNII Band	Test Channel	Bandwidth (MHz)	Frequency (MHz)	Intetference frequency (MHz)		AWGN Threshold Level (dBm)	EUT Status	Number of Detected (out of 10 times)	Detection Probability (%)	Limit (%)	Test Result
5	47	160	6185	Low edge	6110	-82.70	OFF	10	100	90	Pass
				Center	6185	-85.70	OFF	10	100	90	Pass
				High edge	6260	-81.70	OFF	10	100	90	Pass
6	111	160	6505	Low edge	6430	-84.70	OFF	10	100	90	Pass
				Center	6505	-84.70	OFF	10	100	90	Pass
				High edge	6580	-79.70	OFF	10	100	90	Pass
7	143	160	6665	Low edge	6590	-77.70	OFF	10	100	90	Pass
				Center	6665	-85.70	OFF	10	100	90	Pass
				High edge	6740	-76.70	OFF	10	100	90	Pass
8	207	160	6985	Low edge	6910	-80.70	OFF	10	100	90	Pass
				Center	6985	-86.70	OFF	10	100	90	Pass
				High edge	7060	-80.70	OFF	10	100	90	Pass

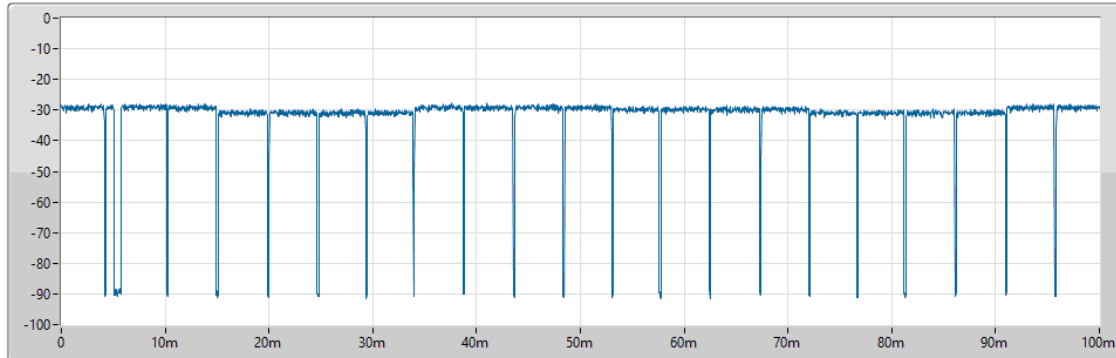
Contention Based Protocol Threshold Level (802.11be EHT20)										
UNII Band	Test Channel	Bandwidth (MHz)	Frequency (MHz)	Intetference frequency (MHz)		EUT Status	Injected AWGN Power (dBm)	Ant Gain (dBi)	Detection Power(dBm)	Detection Limit (dBm)
5	53	20	6215	Center	6215	OFF	-78.00	2.70	-80.70	≤ -62
						Minimal	-79.00	2.70	-81.70	≤ -62
						ON	-80.00	2.70	-82.70	≤ -62
6	101	20	6455	Center	6455	OFF	-83.00	2.70	-85.70	≤ -62
						Minimal	-84.00	2.70	-86.70	≤ -62
						ON	-85.00	2.70	-87.70	≤ -62
7	149	20	6695	Center	6695	OFF	-77.00	2.70	-79.70	≤ -62
						Minimal	-78.00	2.70	-80.70	≤ -62
						ON	-79.00	2.70	-81.70	≤ -62
8	213	20	7015	Center	7015	OFF	-79.00	2.70	-81.70	≤ -62
						Minimal	-80.00	2.70	-82.70	≤ -62
						ON	-81.00	2.70	-83.70	≤ -62

Contention Based Protocol Threshold Level (802.11be EHT160)										
UNII Band	Test Channel	Bandwidth (MHz)	Frequency (MHz)	Intetference frequency (MHz)		EUT Status	Injected AWGN Power (dBm)	Ant Gain (dBi)	Detection Power(dBm)	Detection Limit (dBm)
5	47	160	6185	Low edge	6110	OFF	-80.00	2.70	-82.70	≤ -62
						Minimal	-81.00	2.70	-83.70	
						ON	-82.00	2.70	-84.70	
				Center	6185	OFF	-83.00	2.70	-85.70	≤ -62
						Minimal	-84.00	2.70	-86.70	
						ON	-85.00	2.70	-87.70	
				High edge	6260	OFF	-79.00	2.70	-81.70	≤ -62
						Minimal	-80.00	2.70	-82.70	
						ON	-81.00	2.70	-83.70	
6	111	160	6505	Low edge	6430	OFF	-82.00	2.70	-84.70	≤ -62
						Minimal	-83.00	2.70	-85.70	
						ON	-84.00	2.70	-86.70	
				Center	6505	OFF	-82.00	2.70	-84.70	≤ -62
						Minimal	-83.00	2.70	-85.70	
						ON	-84.00	2.70	-86.70	
				High edge	6580	OFF	-77.00	2.70	-79.70	≤ -62
						Minimal	-78.00	2.70	-80.70	
						ON	-79.00	2.70	-81.70	
7	143	160	6665	Low edge	6590	OFF	-75.00	2.70	-77.70	≤ -62
						Minimal	-76.00	2.70	-78.70	
						ON	-78.00	2.70	-80.70	
				Center	6665	OFF	-83.00	2.70	-85.70	≤ -62
						Minimal	-84.00	2.70	-86.70	
						ON	-85.00	2.70	-87.70	
				High edge	6740	OFF	-74.00	2.70	-76.70	≤ -62
						Minimal	-75.00	2.70	-77.70	
						ON	-76.00	2.70	-78.70	
8	207	160	6985	Low edge	6910	OFF	-78.00	2.70	-80.70	≤ -62
						Minimal	-79.00	2.70	-81.70	
						ON	-80.00	2.70	-82.70	
				Center	6985	OFF	-84.00	2.70	-86.70	≤ -62
						Minimal	-85.00	2.70	-87.70	
						ON	-86.00	2.70	-88.70	
				High edge	7060	OFF	-78.00	2.70	-80.70	≤ -62
						Minimal	-79.00	2.70	-81.70	
						ON	-80.00	2.70	-82.70	

Bandwidth 20MHz: Traffic Loading Plot - 6215MHz

Time Analysis

Main



04/02/2025

Sample Time

25us

All TX Time

96.425ms

All TX Sample

3857

Duty Cycle

0.964009

T1[s] T2[s]

NaNs NaNs

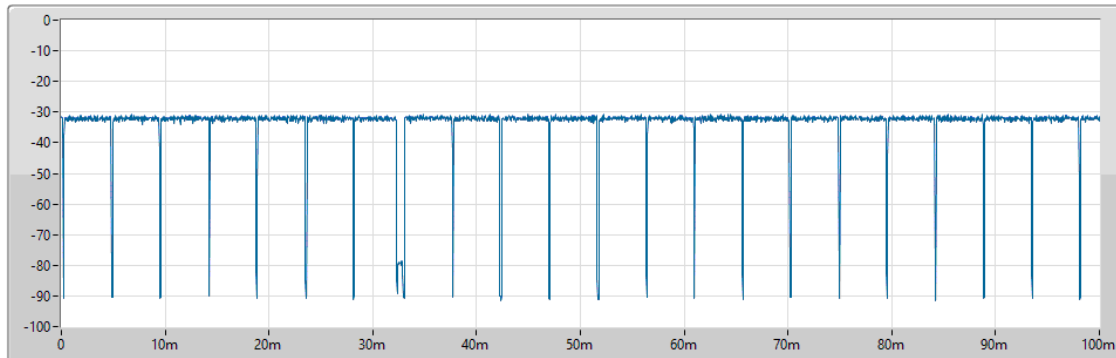
T3[s] T4[s]

NaNs NaNs

Bandwidth 20MHz: Traffic Loading Plot - 6455MHz

Time Analysis

Main



05/02/2025

Sample Time

25us

All TX Time

96.325ms

All TX Sample

3853

Duty Cycle

0.963009

T1[s] T2[s]

NaNs NaNs

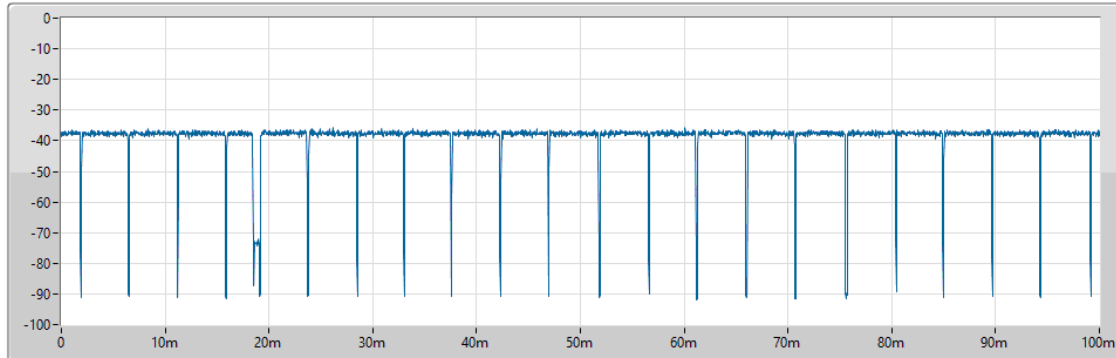
T3[s] T4[s]

NaNs NaNs

Bandwidth 20MHz: Traffic Loading Plot - 6695MHz

Time Analysis

Main



05/02/2025

Sample Time

25us

All TX Time

96.35ms

All TX Sample

3854

Duty Cycle

0.963259

T1[s] T2[s]

NaNs NaNs

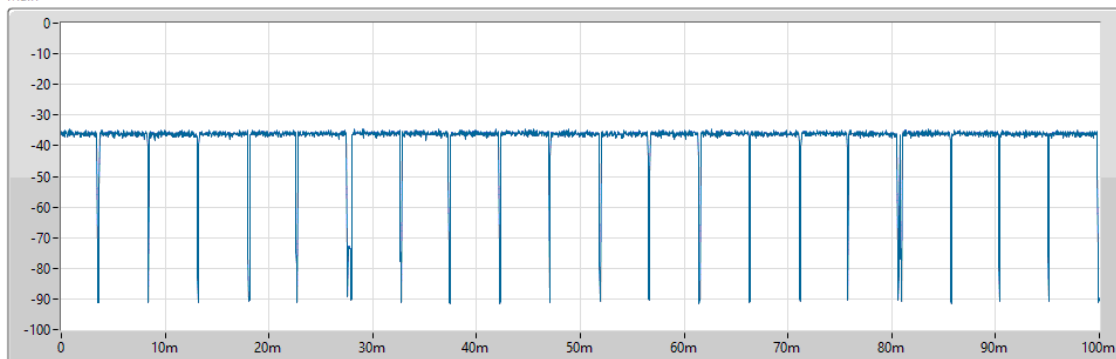
T3[s] T4[s]

NaNs NaNs

Bandwidth 20MHz: Traffic Loading Plot - 7015MHz

Time Analysis

Main



05/02/2025

Sample Time

25us

All TX Time

96.1ms

All TX Sample

3844

Duty Cycle

0.96076

T1[s] T2[s]

NaNs NaNs

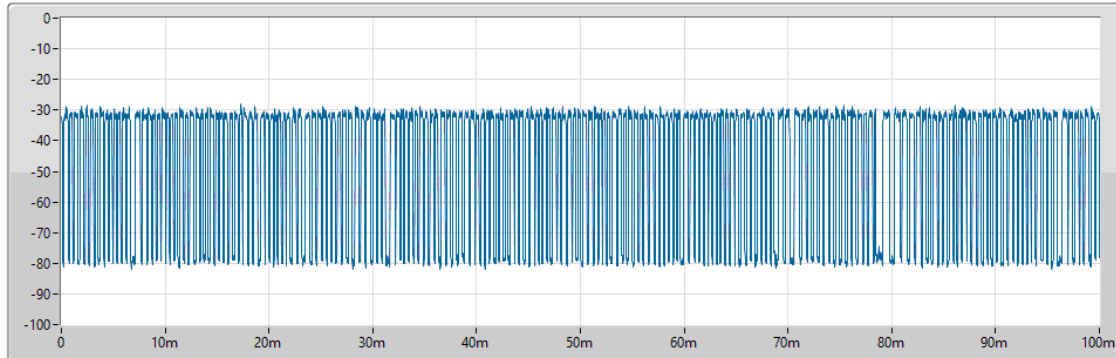
T3[s] T4[s]

NaNs NaNs

Bandwidth 160MHz: Traffic Loading Plot - 6110MHz

Time Analysis

Main



05/02/2025

Sample Time

25us

All TX Time

67.7ms

All TX Sample

2708

Duty Cycle

0.676831

T1[s] T2[s]

NaNs NaNs

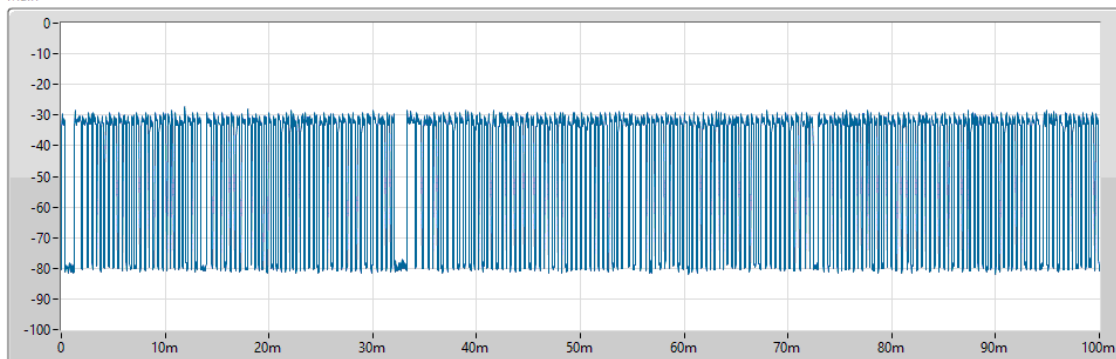
T3[s] T4[s]

NaNs NaNs

Bandwidth 160MHz: Traffic Loading Plot - 6185MHz

Time Analysis

Main



05/02/2025

Sample Time

25us

All TX Time

68.2ms

All TX Sample

2728

Duty Cycle

0.68183

T1[s] T2[s]

NaNs NaNs

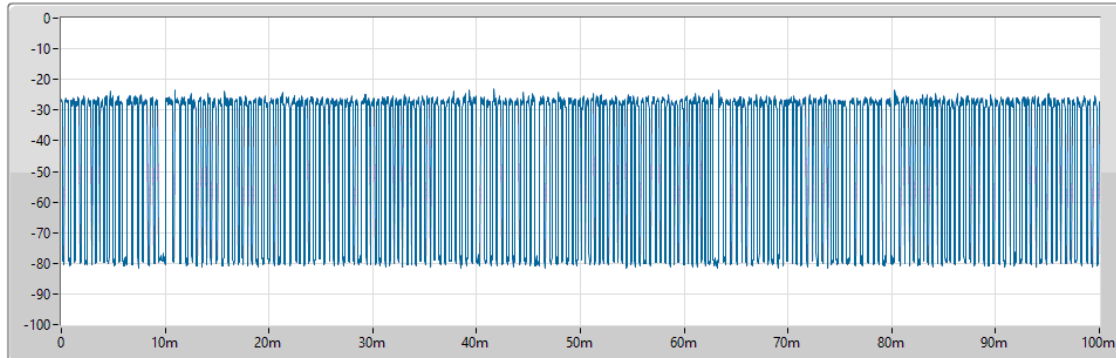
T3[s] T4[s]

NaNs NaNs

Bandwidth 160MHz: Traffic Loading Plot - 6260MHz

Time Analysis

Main



05/02/2025

Sample Time

25us

All TX Time

67.725ms

All TX Sample

2709

Duty Cycle

0.677081

T1[s] T2[s]

NaNs NaNs

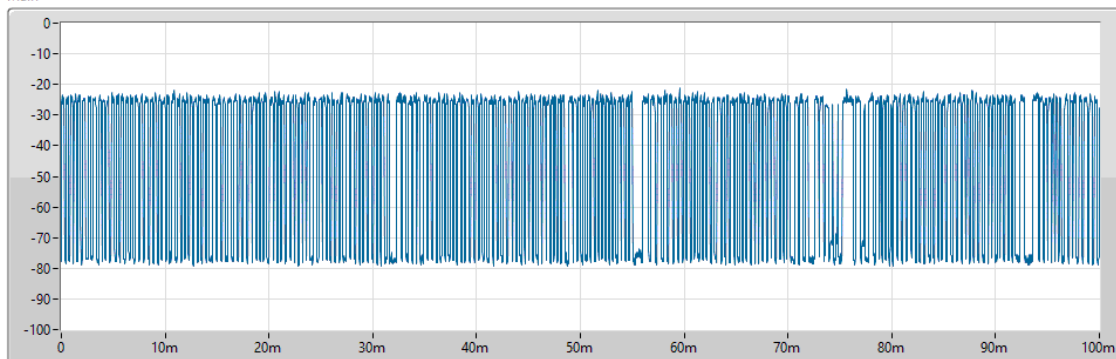
T3[s] T4[s]

NaNs NaNs

Bandwidth 160MHz: Traffic Loading Plot - 6430MHz

Time Analysis

Main



05/02/2025

Sample Time

25us

All TX Time

62.375ms

All TX Sample

2495

Duty Cycle

0.623594

T1[s] T2[s]

NaNs NaNs

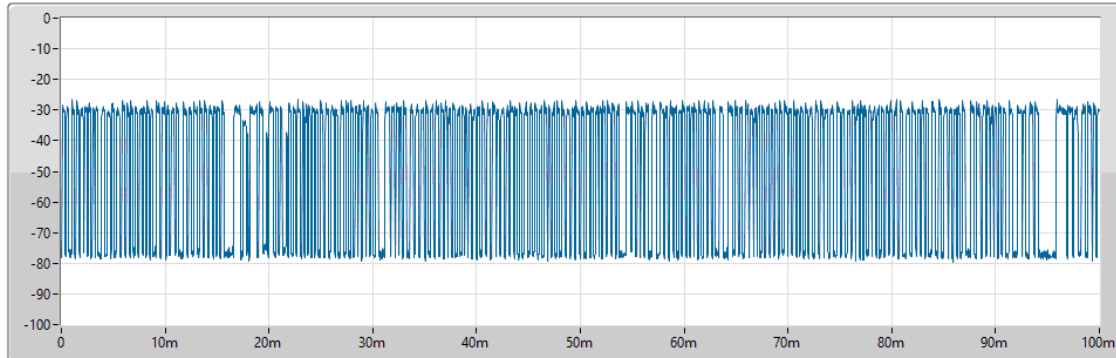
T3[s] T4[s]

NaNs NaNs

Bandwidth 160MHz: Traffic Loading Plot - 6505MHz

Time Analysis

Main



05/02/2025

Sample Time

25us

All TX Time

61.225ms

All TX Sample

2449

Duty Cycle

0.612097

T1[s] T2[s]

NaNs NaNs

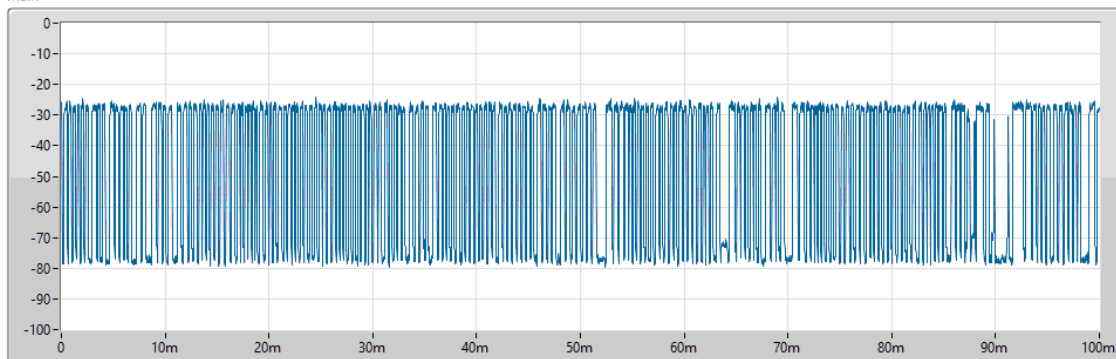
T3[s] T4[s]

NaNs NaNs

Bandwidth 160MHz: Traffic Loading Plot - 6580MHz

Time Analysis

Main



05/02/2025

Sample Time

25us

All TX Time

60.2ms

All TX Sample

2408

Duty Cycle

0.60185

T1[s] T2[s]

NaNs NaNs

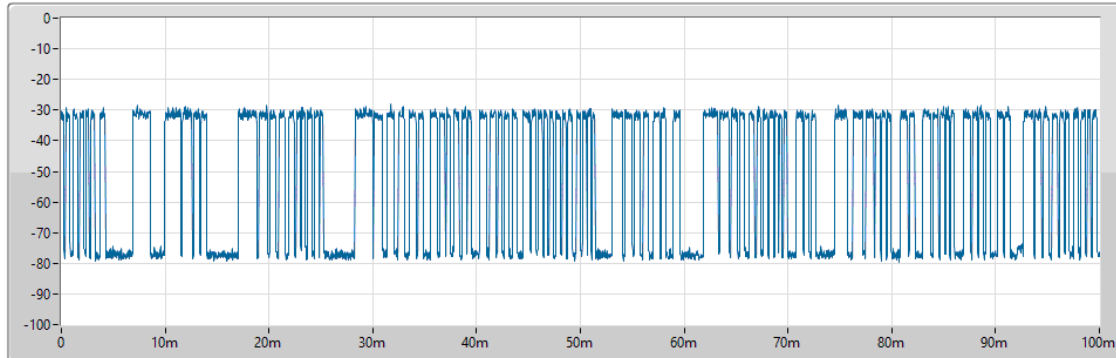
T3[s] T4[s]

NaNs NaNs

Bandwidth 160MHz: Traffic Loading Plot - 6590MHz

Time Analysis

Main



05/02/2025

Sample Time

25us

All TX Time

58.2ms

All TX Sample

2328

Duty Cycle

0.581855

T1[s] T2[s]

NaNs NaNs

T3[s] T4[s]

NaNs NaNs

Bandwidth 160MHz: Traffic Loading Plot - 6665MHz

Time Analysis

Main



05/02/2025

Sample Time

25us

All TX Time

54.05ms

All TX Sample

2162

Duty Cycle

0.540365

T1[s] T2[s]

NaNs NaNs

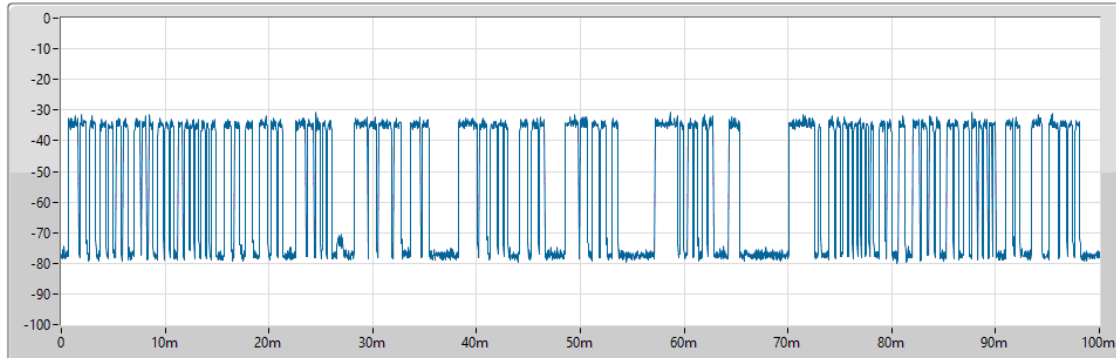
T3[s] T4[s]

NaNs NaNs

Bandwidth 160MHz: Traffic Loading Plot - 6740MHz

Time Analysis

Main



05/02/2025

Sample Time

25us

All TX Time

54.95ms

All TX Sample

2198

Duty Cycle

0.549363

T1[s] T2[s]

NaNs NaNs

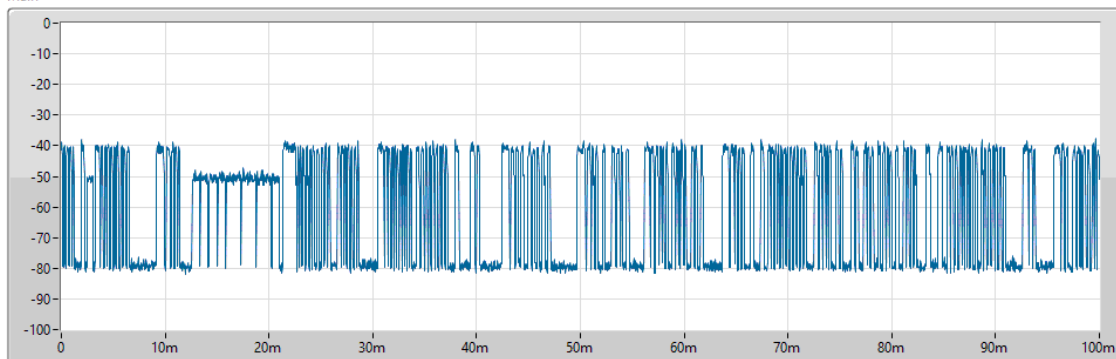
T3[s] T4[s]

NaNs NaNs

Bandwidth 160MHz: Traffic Loading Plot - 6910MHz

Time Analysis

Main



05/02/2025

Sample Time

25us

All TX Time

44.125ms

All TX Sample

1765

Duty Cycle

0.44114

T1[s] T2[s]

NaNs NaNs

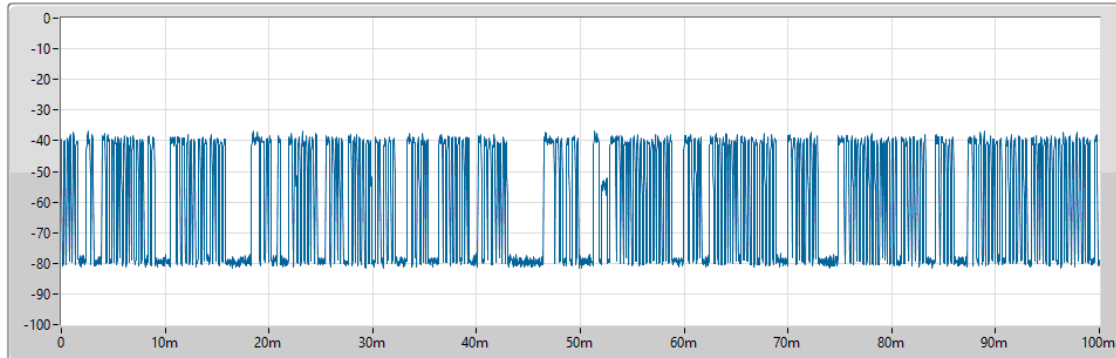
T3[s] T4[s]

NaNs NaNs

Bandwidth 160MHz: Traffic Loading Plot - 6985MHz

Time Analysis

Main



05/02/2025

Sample Time

25us

All TX Time

43.9ms

All TX Sample

1756

Duty Cycle

0.43889

T1[s] T2[s]

NaNs NaNs

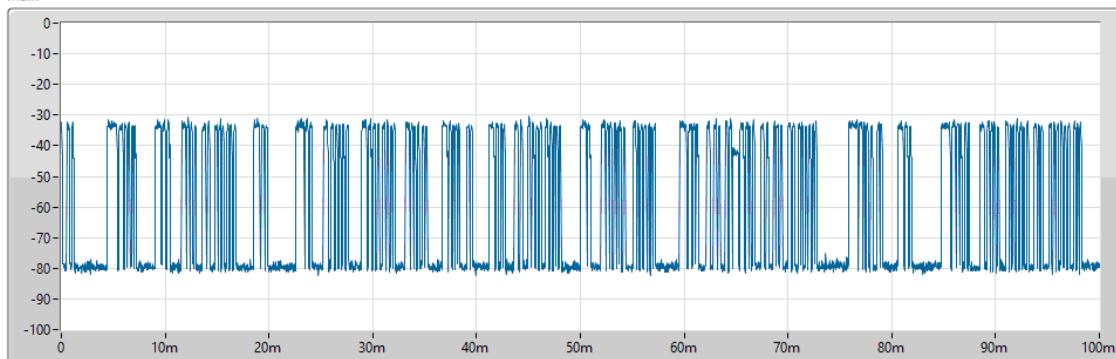
T3[s] T4[s]

NaNs NaNs

Bandwidth 160MHz: Traffic Loading Plot - 7060MHz

Time Analysis

Main



05/02/2025

Sample Time

25us

All TX Time

45.725ms

All TX Sample

1829

Duty Cycle

0.457136

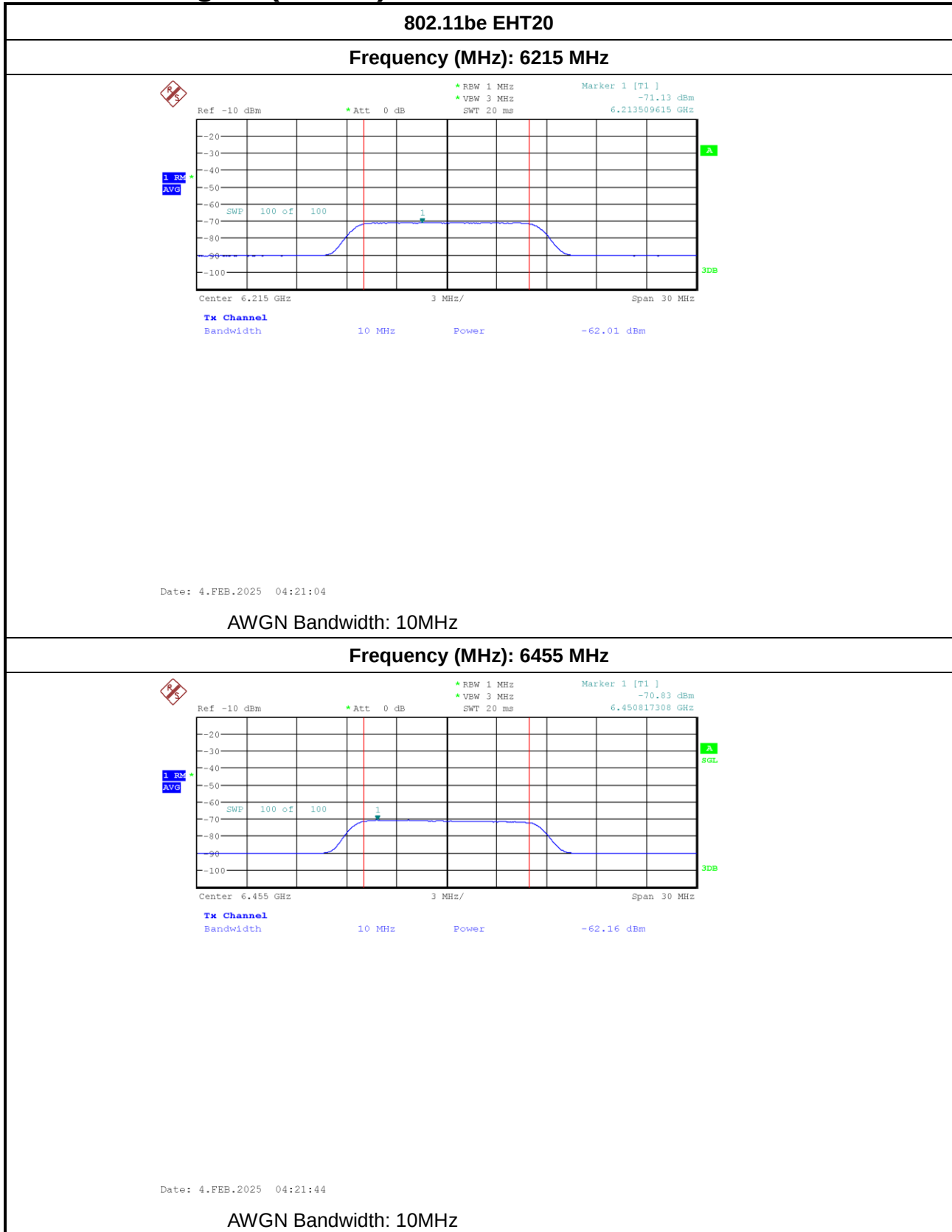
T1[s] T2[s]

NaNs NaNs

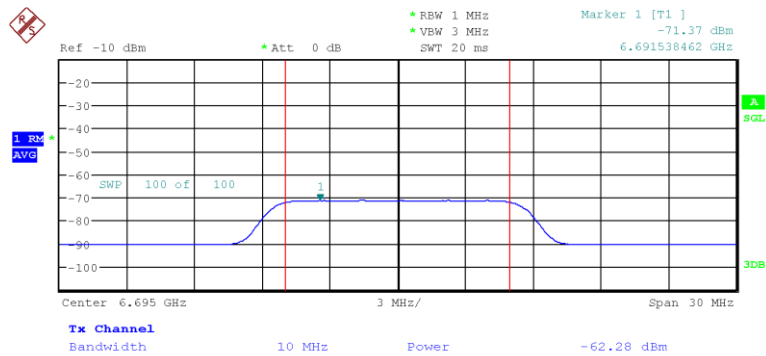
T3[s] T4[s]

NaNs NaNs

1. Incumbent signal (AWGN) Plot



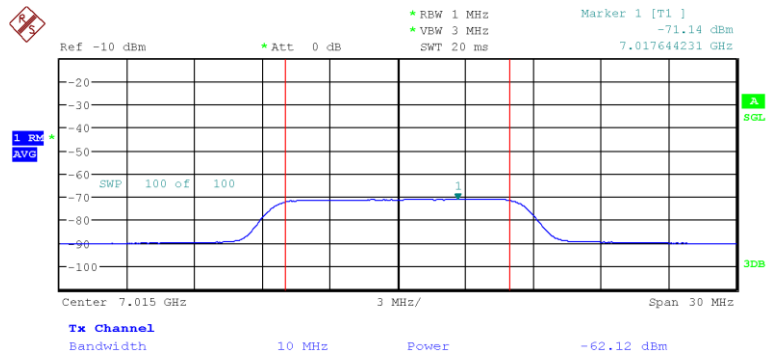
Frequency (MHz): 6695 MHz



Date: 4.FEB.2025 04:22:21

AWGN Bandwidth: 10MHz

Frequency (MHz): 7015 MHz

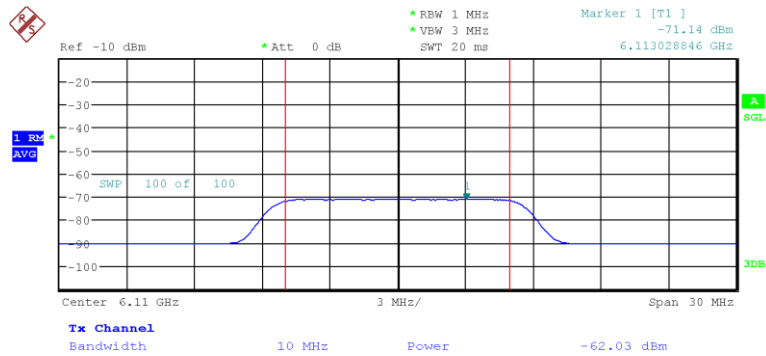


Date: 4.FEB.2025 04:23:03

AWGN Bandwidth: 10MHz

802.11be EHT160

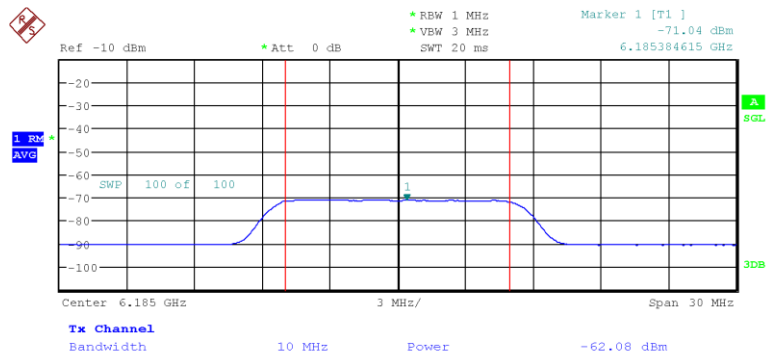
Frequency (MHz): 6110 MHz



Date: 4.FEB.2025 04:23:38

AWGN Bandwidth: 10MHz

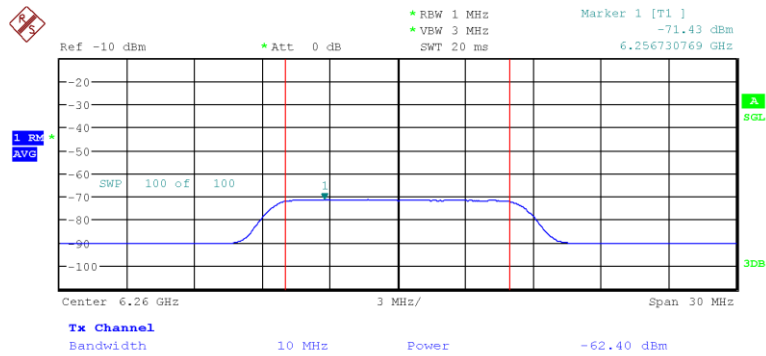
Frequency (MHz): 6185 MHz



Date: 4.FEB.2025 04:24:12

AWGN Bandwidth: 10MHz

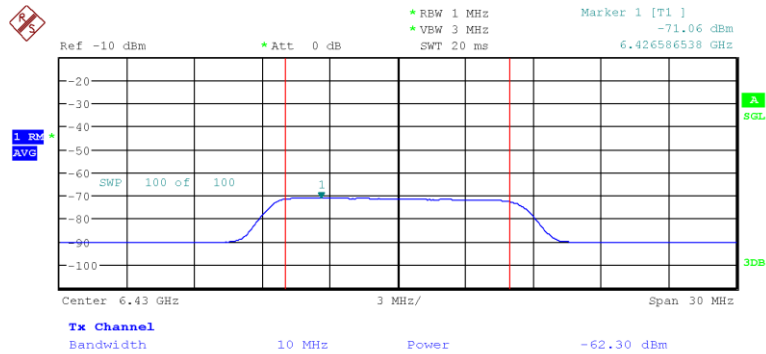
Frequency (MHz): 6260 MHz



Date: 4.FEB.2025 04:25:13

AWGN Bandwidth: 10MHz

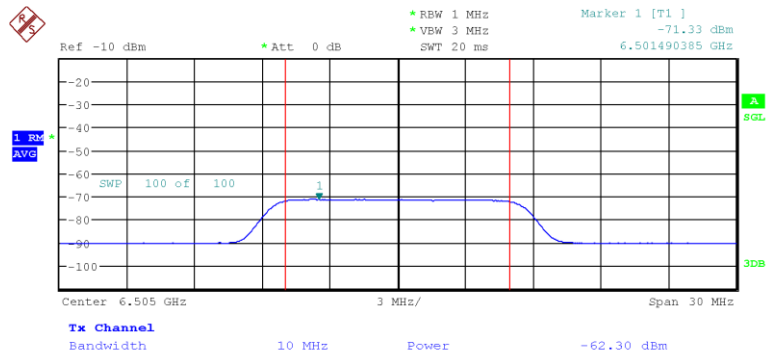
Frequency (MHz): 6430 MHz



Date: 4.FEB.2025 04:25:43

AWGN Bandwidth: 10MHz

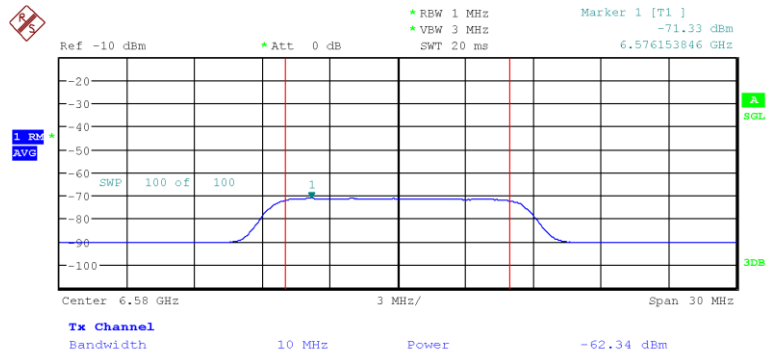
Frequency (MHz): 6505 MHz



Date: 4.FEB.2025 04:26:36

AWGN Bandwidth: 10MHz

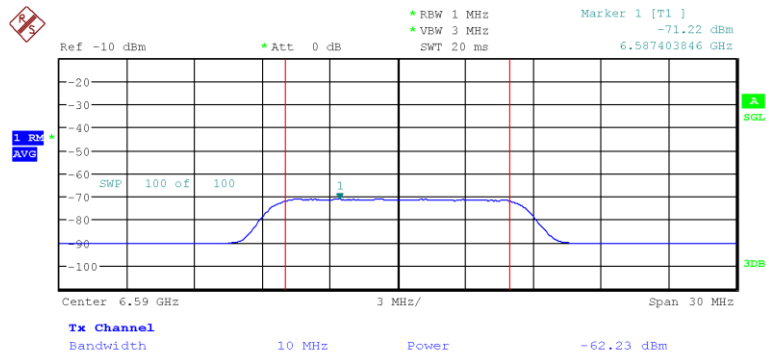
Frequency (MHz): 6580 MHz



Date: 4.FEB.2025 04:27:15

AWGN Bandwidth: 10MHz

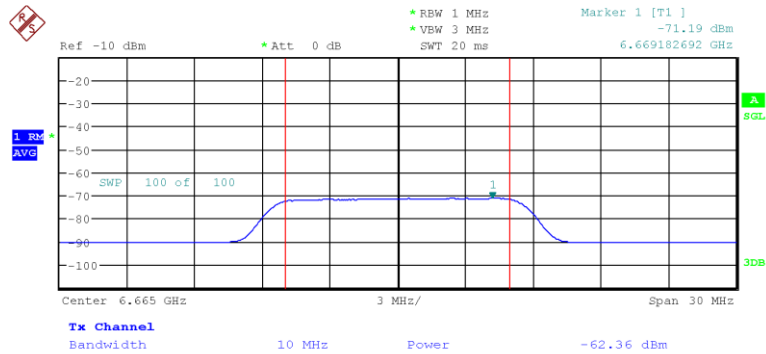
Frequency (MHz): 6590 MHz



Date: 4.FEB.2025 04:27:47

AWGN Bandwidth: 10MHz

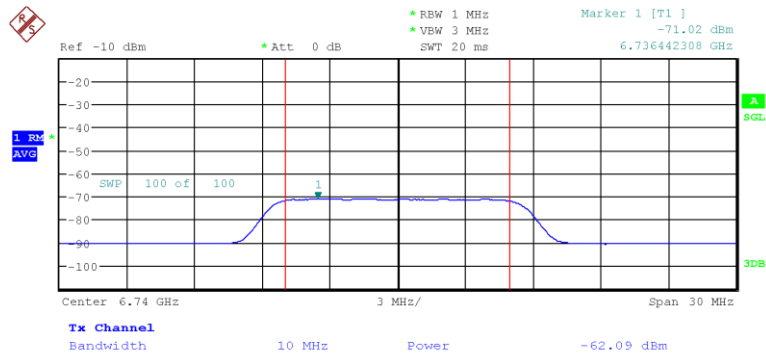
Frequency (MHz): 6665 MHz



Date: 4.FEB.2025 04:28:14

AWGN Bandwidth: 10MHz

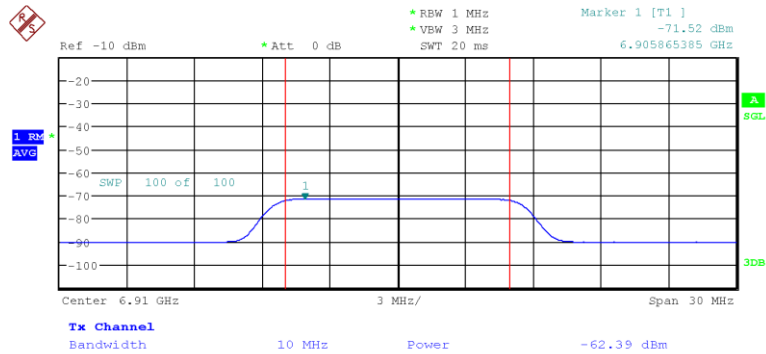
Frequency (MHz): 6740 MHz



Date: 4.FEB.2025 04:28:47

AWGN Bandwidth: 10MHz

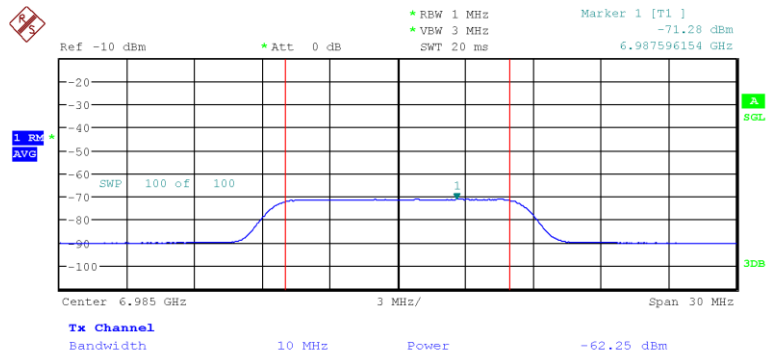
Frequency (MHz): 6910 MHz



Date: 4.FEB.2025 04:29:27

AWGN Bandwidth: 10MHz

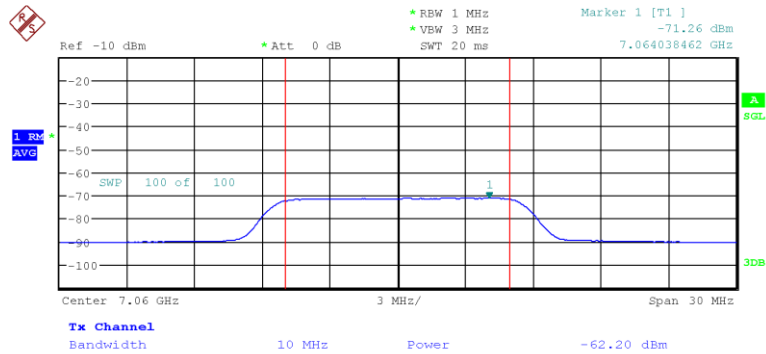
Frequency (MHz): 6985 MHz



Date: 4.FEB.2025 04:30:24

AWGN Bandwidth: 10MHz

Frequency (MHz): 7060 MHz



Date: 4.FEB.2025 04:31:20

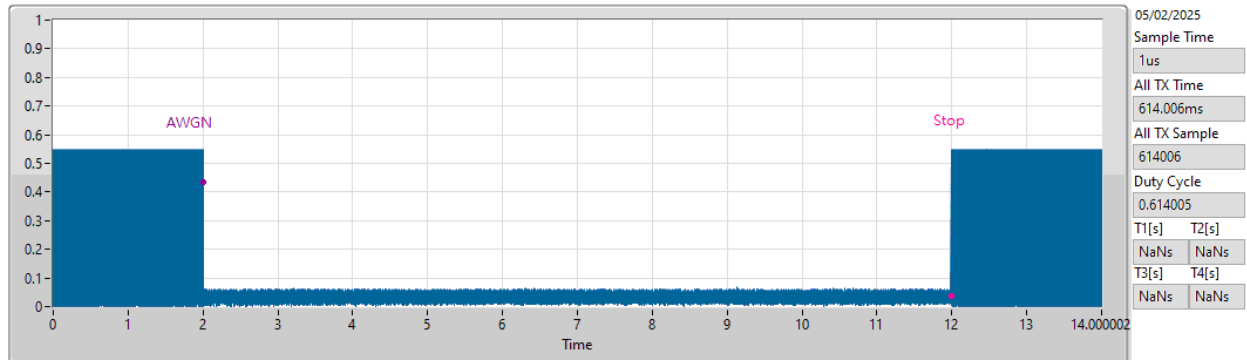
AWGN Bandwidth: 10MHz

2. Contention-Based Protocol Plot



Test CH 149 ; Incumbent signal 6695 MHz

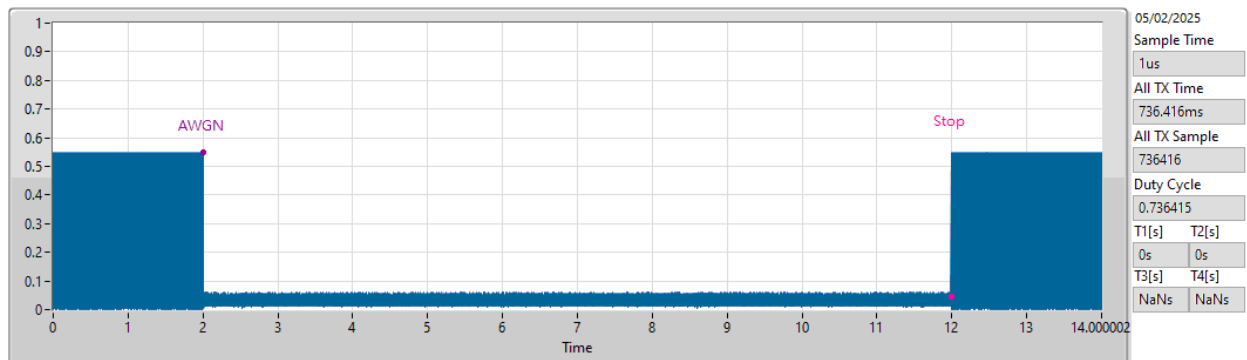
Time Analysis



Note: M1: Inject AWGN signal; M2: Remove AWGN signal.

Test CH 213 ; Incumbent signal 7015 MHz

Time Analysis

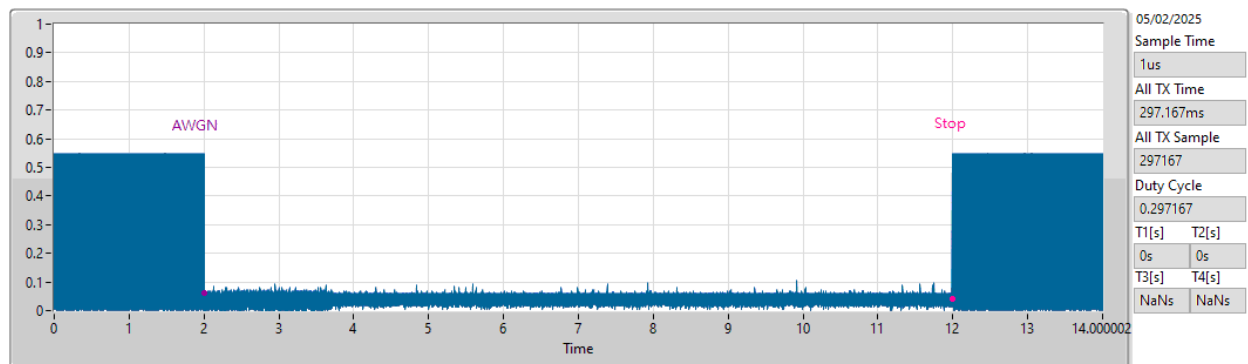


Note: M1: Inject AWGN signal; M2: Remove AWGN signal.

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Test CH 47 ; Incumbent signal 6110 MHz

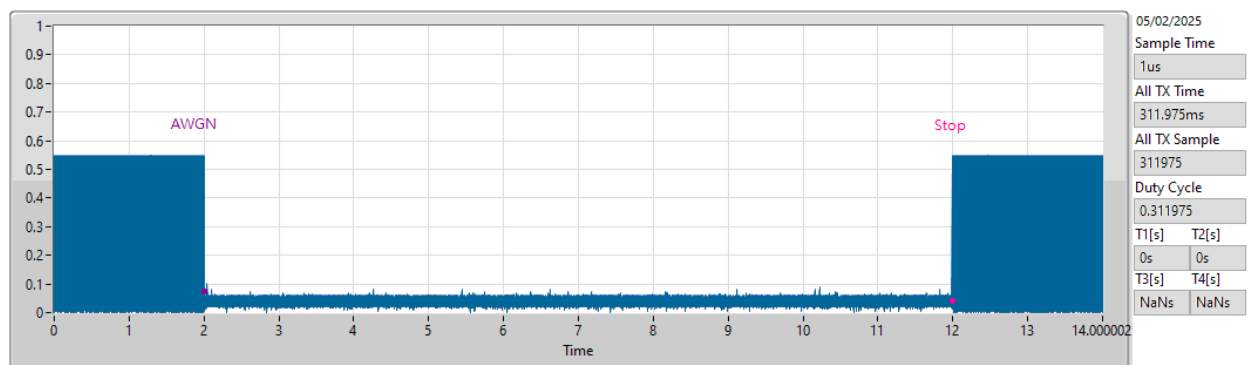
Time Analysis



Note: M1: Inject AWGN signal; M2: Remove AWGN signal.

Test CH 47 ; Incumbent signal 6185 MHz

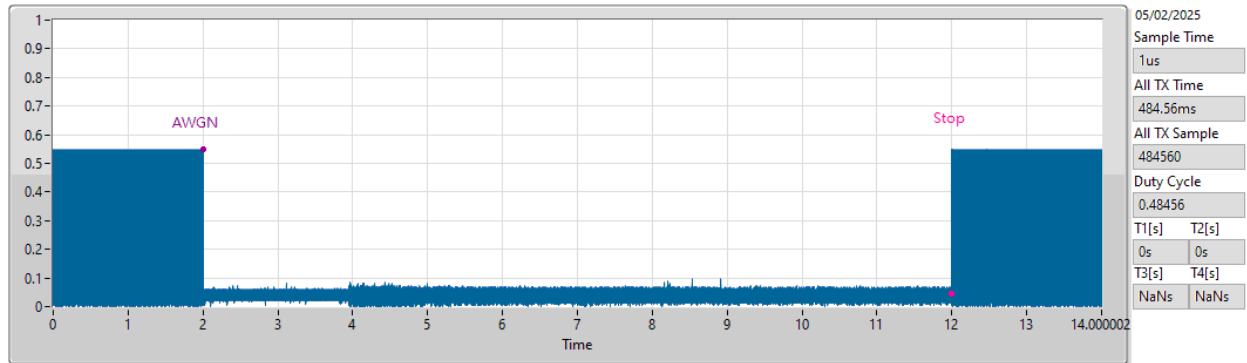
Time Analysis



Note: M1: Inject AWGN signal; M2: Remove AWGN signal.

Test CH 47 ; Incumbent signal 6260 MHz

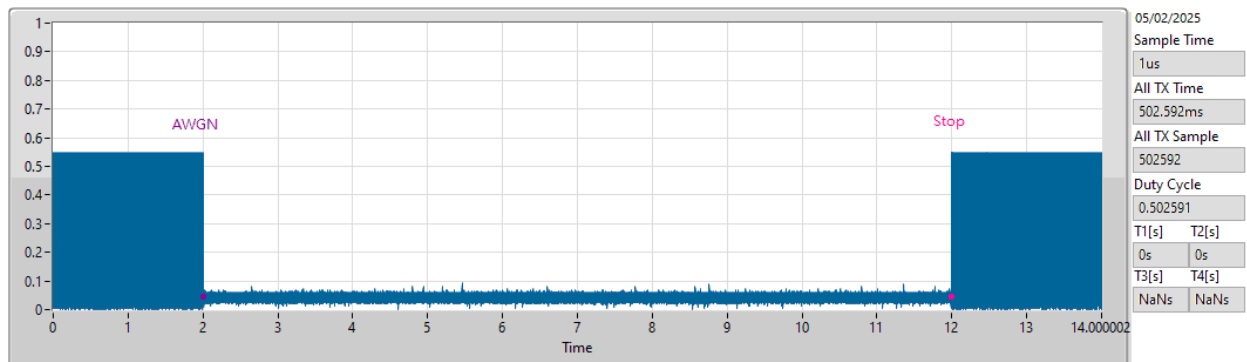
Time Analysis



Note: M1: Inject AWGN signal; M2: Remove AWGN signal.

Test CH 111 ; Incumbent signal 6430 MHz

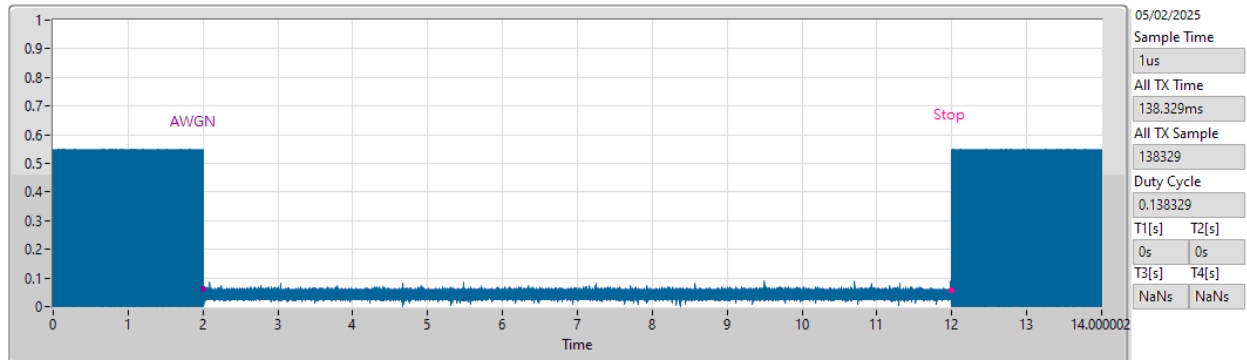
Time Analysis



Note: M1: Inject AWGN signal; M2: Remove AWGN signal.

Test CH 111 ; Incumbent signal 6505 MHz

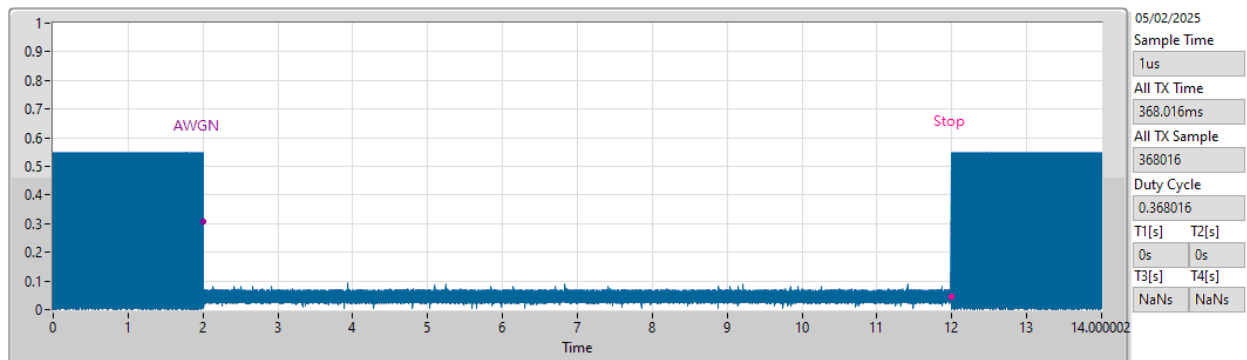
Time Analysis



Note: M1: Inject AWGN signal; M2: Remove AWGN signal.

Test CH 111 ; Incumbent signal 6580 MHz

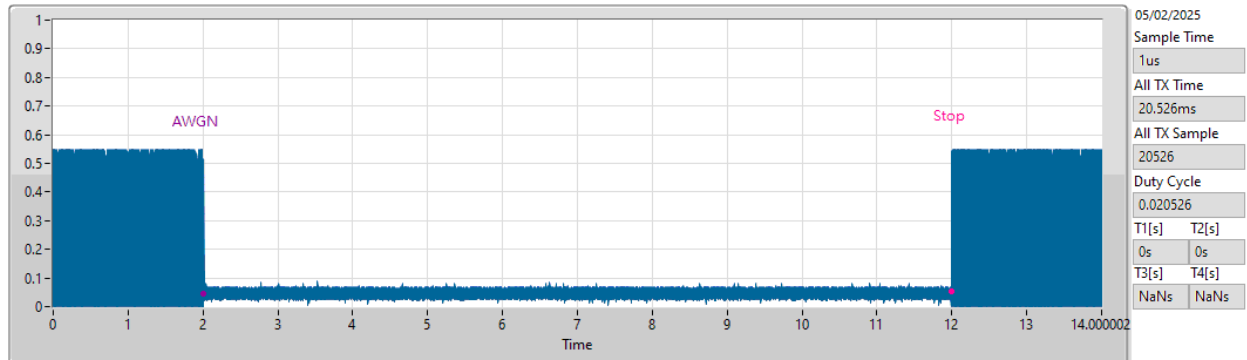
Time Analysis



Note: M1: Inject AWGN signal; M2: Remove AWGN signal.

Test CH 143 ; Incumbent signal 6590 MHz

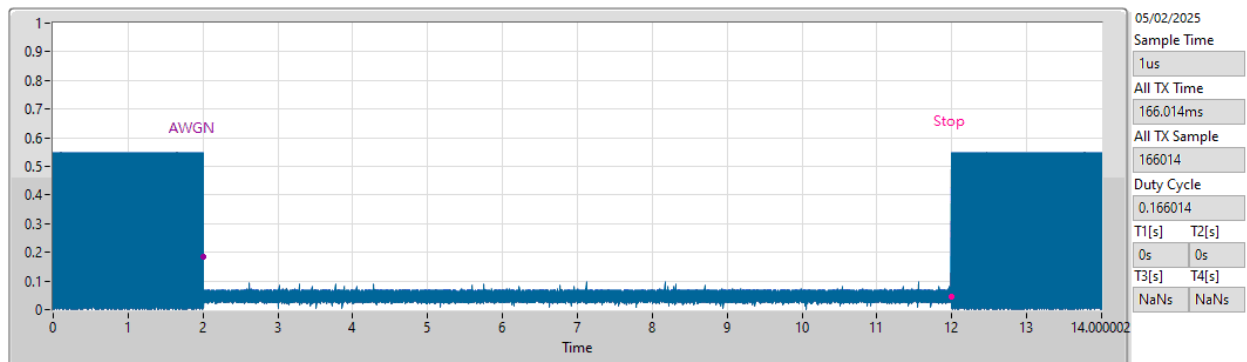
Time Analysis



Note: M1: Inject AWGN signal; M2: Remove AWGN signal.

Test CH 143 ; Incumbent signal 6665 MHz

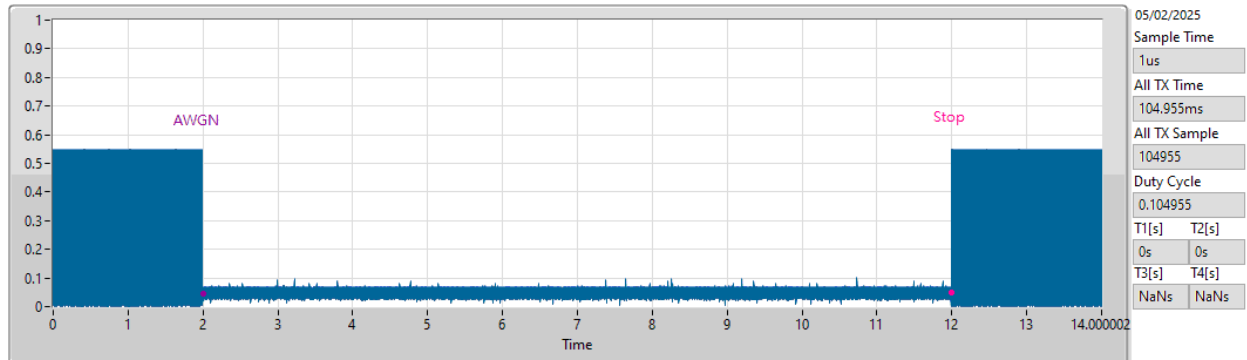
Time Analysis



Note: M1: Inject AWGN signal; M2: Remove AWGN signal.

Test CH 143 ; Incumbent signal 6740 MHz

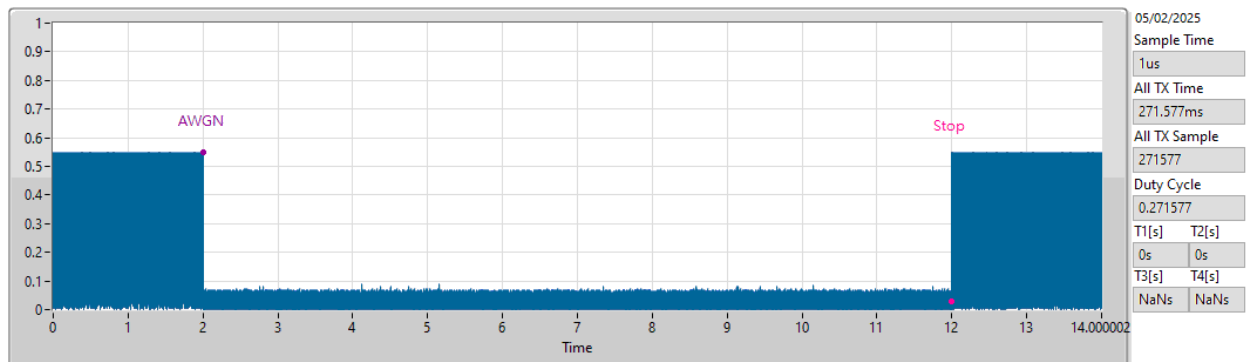
Time Analysis



Note: M1: Inject AWGN signal; M2: Remove AWGN signal.

Test CH 207 ; Incumbent signal 6910 MHz

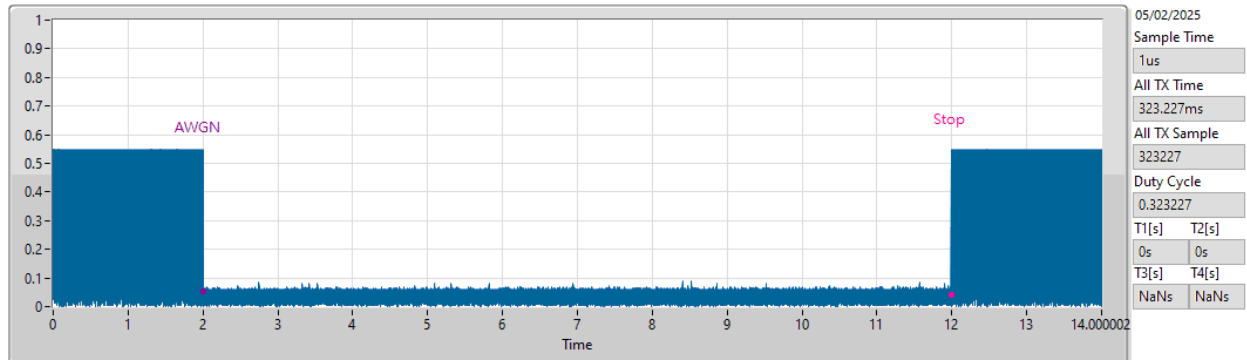
Time Analysis



Note: M1: Inject AWGN signal; M2: Remove AWGN signal.

Test CH 207 ; Incumbent signal 6985 MHz

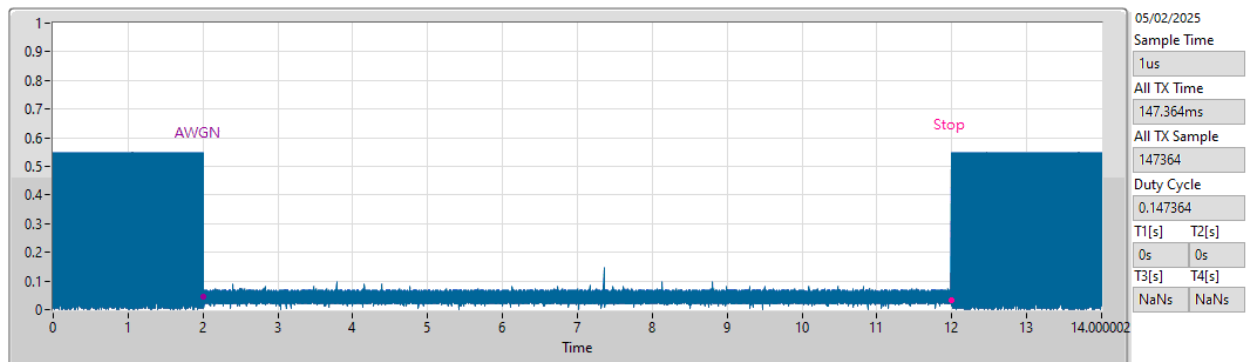
Time Analysis



Note: M1: Inject AWGN signal; M2: Remove AWGN signal.

Test CH 207 ; Incumbent signal 7060 MHz

Time Analysis



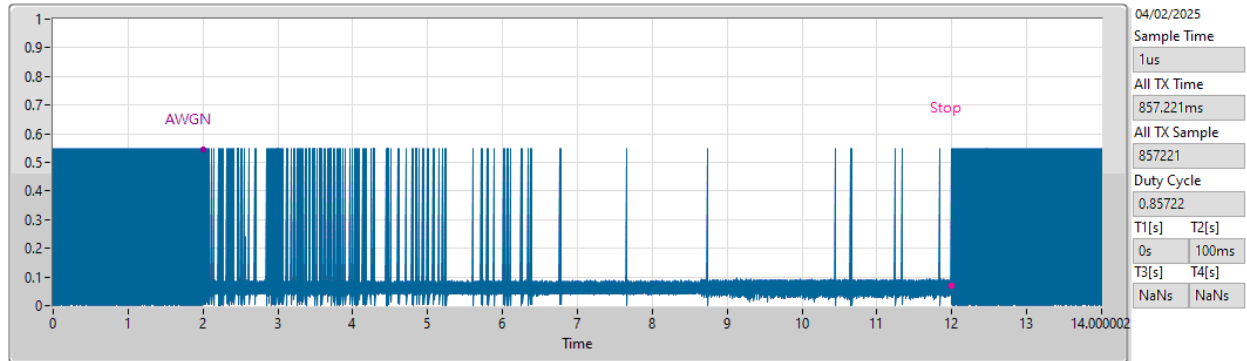
Note: M1: Inject AWGN signal; M2: Remove AWGN signal.

3. Contention Based Protocol Threshold Level Verify Plot



Frequency (MHz): 6215 MHz (Threshold Level: -80 dBm)

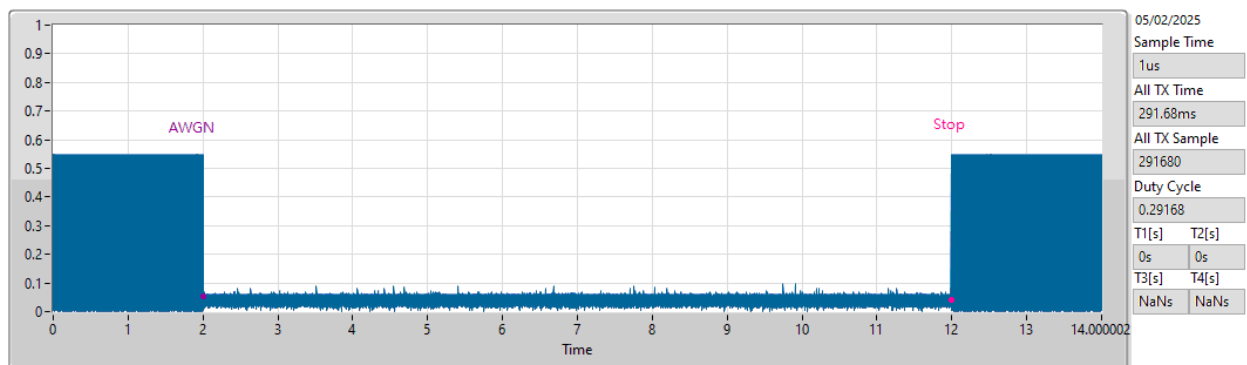
Time Analysis



Bandwidth (MHz): 160

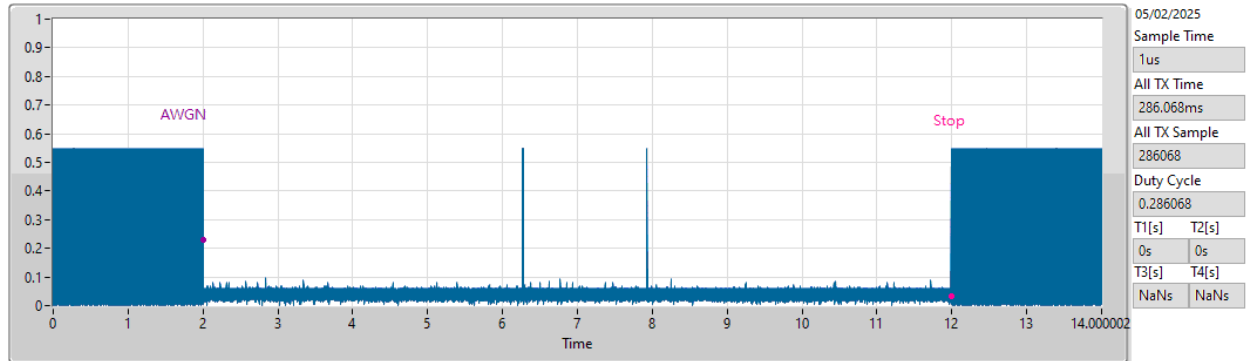
Frequency (MHz): 6110 MHz (Threshold Level: -80dBm)

Time Analysis



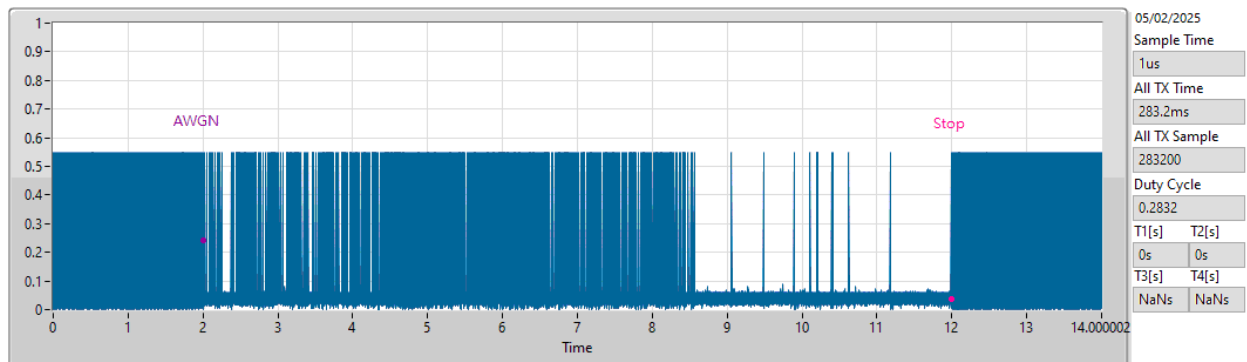
Frequency (MHz): 6110 MHz (Threshold Level: -81dBm)

Time Analysis



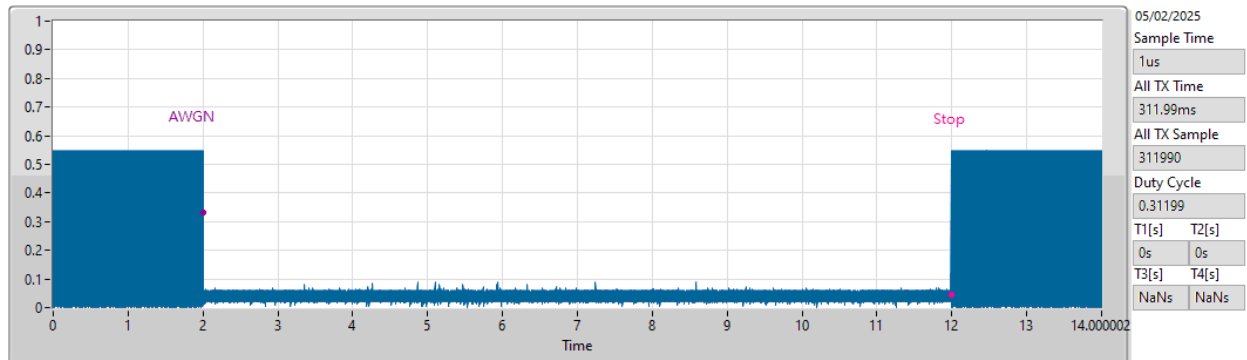
Frequency (MHz): 6110 MHz (Threshold Level: -82dBm)

Time Analysis



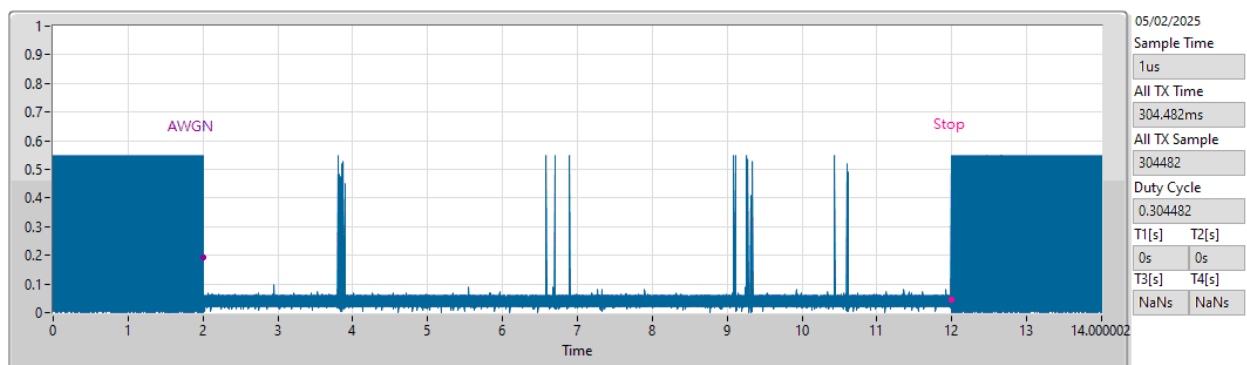
Frequency (MHz): 6185 MHz (Threshold Level: -83dBm)

Time Analysis



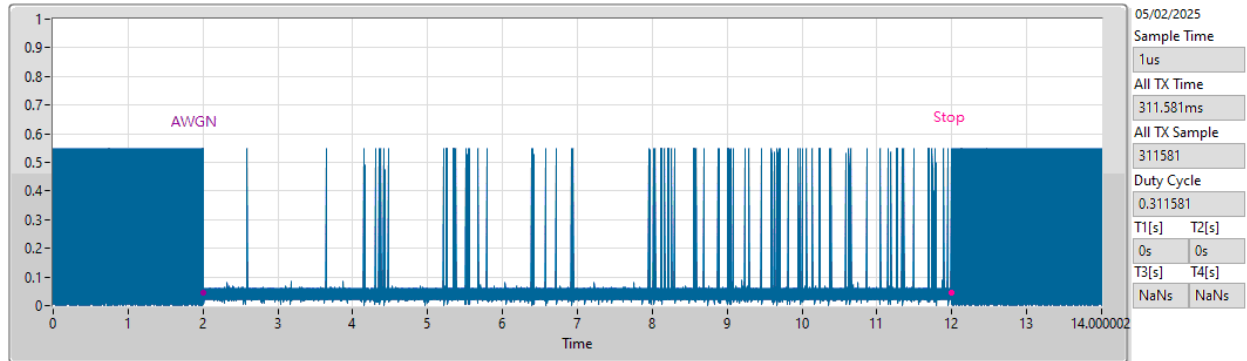
Frequency (MHz): 6185 MHz (Threshold Level: -84dBm)

Time Analysis



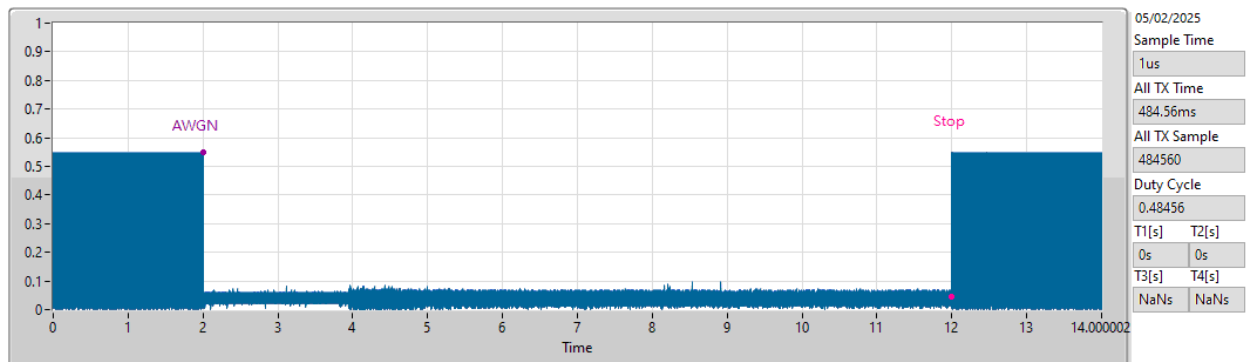
Frequency (MHz): 6185 MHz (Threshold Level: -85dBm)

Time Analysis



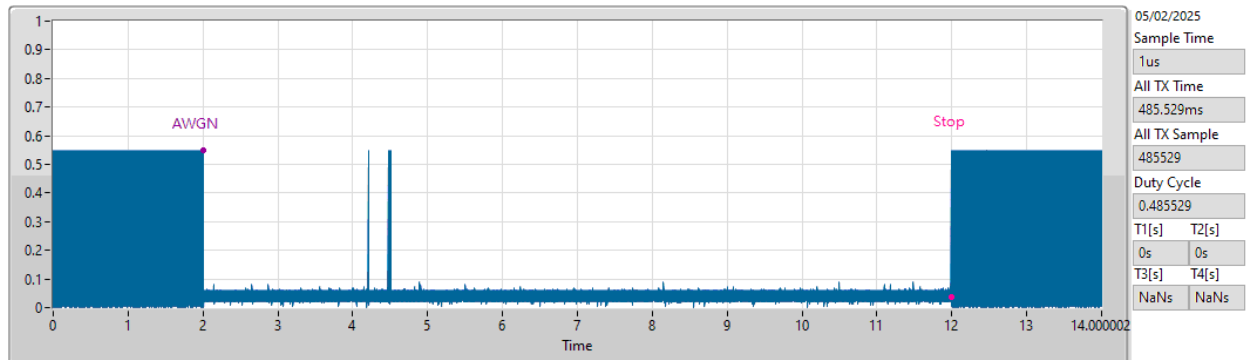
Frequency (MHz): 6260 MHz (Threshold Level: -79dBm)

Time Analysis



Frequency (MHz): 6260 MHz (Threshold Level: -80dBm)

Time Analysis



Frequency (MHz): 6260 MHz (Threshold Level: -81dBm)

Time Analysis

