



# RADIO TEST REPORT

**FCC ID** : N89-EWW631B1V1  
**Equipment** : AX3000 Wireless Dual Band Wall Mount Access Point  
**Brand Name** : SonicFi, CyberTAN  
**Model Name** : EWW631-B1, RAP630W-311G, CAP630W-311G  
**Applicant** : CyberTAN Technology Inc.  
No. 99, Park Avenue III Science-based Industrial Park  
Hsinchu Taiwan 308  
**Manufacturer** : CyberTAN Technology Inc.  
No. 99, Park Avenue III Science-based Industrial Park  
Hsinchu Taiwan 308  
**Standard** : 47 CFR FCC Part 15.407

The product was received on Nov. 06, 2023, and testing was started from Nov. 10, 2023 and completed on Dec. 08, 2023. We, Sporton International Inc. Hsinchu 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. Hsinchu Laboratory, the test report shall not be reproduced except in full.

Approved by: Sam Chen

**Sporton International Inc. Hsinchu Laboratory**

No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)



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### 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 Output Power	PASS	-
3.4	15.407(a)	Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-

**Conformity Assessment Condition:**

- 1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
- 2. The measurement uncertainty please refer to each test result in the chapter "Measurement Uncertainty".

**Disclaimer:**

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

**Reviewed by: Sam Chen**  
**Report Producer: Sandy Chuang**



# 1 General Description

## 1.1 Information

### 1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5720	100-144 [12]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5710	102-142 [6]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5690	106-138 [3]
5725-5850		5775	155 [1]
5150-5350	ac (VHT160), ax (HEW160)	5250	50 [1]
5470-5725		5570	114 [1]

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	2TX
5.15-5.25GHz	802.11n HT20	20	2TX
5.15-5.25GHz	802.11n HT20-BF	20	2TX
5.15-5.25GHz	802.11ac VHT20	20	2TX
5.15-5.25GHz	802.11ac VHT20-BF	20	2TX
5.15-5.25GHz	802.11ax HEW20	20	2TX
5.15-5.25GHz	802.11ax HEW20-BF	20	2TX
5.15-5.25GHz	802.11n HT40	40	2TX
5.15-5.25GHz	802.11n HT40-BF	40	2TX
5.15-5.25GHz	802.11ac VHT40	40	2TX
5.15-5.25GHz	802.11ac VHT40-BF	40	2TX
5.15-5.25GHz	802.11ax HEW40	40	2TX
5.15-5.25GHz	802.11ax HEW40-BF	40	2TX
5.15-5.25GHz	802.11ac VHT80	80	2TX
5.15-5.25GHz	802.11ac VHT80-BF	80	2TX
5.15-5.25GHz	802.11ax HEW80	80	2TX



Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11ax HEW80-BF	80	2TX
5.15-5.25GHz	802.11ac VHT160	160	2TX
5.15-5.25GHz	802.11ac VHT160-BF	160	2TX
5.15-5.25GHz	802.11ax HEW160	160	2TX
5.15-5.25GHz	802.11ax HEW160-BF	160	2TX
5.25-5.35GHz	802.11a	20	2TX
5.25-5.35GHz	802.11n HT20	20	2TX
5.25-5.35GHz	802.11n HT20-BF	20	2TX
5.25-5.35GHz	802.11ac VHT20	20	2TX
5.25-5.35GHz	802.11ac VHT20-BF	20	2TX
5.25-5.35GHz	802.11ax HEW20	20	2TX
5.25-5.35GHz	802.11ax HEW20-BF	20	2TX
5.25-5.35GHz	802.11n HT40	40	2TX
5.25-5.35GHz	802.11n HT40-BF	40	2TX
5.25-5.35GHz	802.11ac VHT40	40	2TX
5.25-5.35GHz	802.11ac VHT40-BF	40	2TX
5.25-5.35GHz	802.11ax HEW40	40	2TX
5.25-5.35GHz	802.11ax HEW40-BF	40	2TX
5.25-5.35GHz	802.11ac VHT80	80	2TX
5.25-5.35GHz	802.11ac VHT80-BF	80	2TX
5.25-5.35GHz	802.11ax HEW80	80	2TX
5.25-5.35GHz	802.11ax HEW80-BF	80	2TX
5.25-5.35GHz	802.11ac VHT160	160	2TX
5.25-5.35GHz	802.11ac VHT160-BF	160	2TX
5.25-5.35GHz	802.11ax HEW160	160	2TX
5.25-5.35GHz	802.11ax HEW160-BF	160	2TX
5.47-5.725GHz	802.11a	20	2TX
5.47-5.725GHz	802.11n HT20	20	2TX
5.47-5.725GHz	802.11n HT20-BF	20	2TX
5.47-5.725GHz	802.11ac VHT20	20	2TX
5.47-5.725GHz	802.11ac VHT20-BF	20	2TX
5.47-5.725GHz	802.11ax HEW20	20	2TX
5.47-5.725GHz	802.11ax HEW20-BF	20	2TX
5.47-5.725GHz	802.11n HT40	40	2TX
5.47-5.725GHz	802.11n HT40-BF	40	2TX
5.47-5.725GHz	802.11ac VHT40	40	2TX
5.47-5.725GHz	802.11ac VHT40-BF	40	2TX
5.47-5.725GHz	802.11ax HEW40	40	2TX
5.47-5.725GHz	802.11ax HEW40-BF	40	2TX
5.47-5.725GHz	802.11ac VHT80	80	2TX



Band	Mode	BWch (MHz)	Nant
5.47-5.725GHz	802.11ac VHT80-BF	80	2TX
5.47-5.725GHz	802.11ax HEW80	80	2TX
5.47-5.725GHz	802.11ax HEW80-BF	80	2TX
5.47-5.725GHz	802.11ac VHT160	160	2TX
5.47-5.725GHz	802.11ac VHT160-BF	160	2TX
5.47-5.725GHz	802.11ax HEW160	160	2TX
5.47-5.725GHz	802.11ax HEW160-BF	160	2TX
5.725-5.85GHz	802.11a	20	2TX
5.725-5.85GHz	802.11n HT20	20	2TX
5.725-5.85GHz	802.11n HT20-BF	20	2TX
5.725-5.85GHz	802.11ac VHT20	20	2TX
5.725-5.85GHz	802.11ac VHT20-BF	20	2TX
5.725-5.85GHz	802.11ax HEW20	20	2TX
5.725-5.85GHz	802.11ax HEW20-BF	20	2TX
5.725-5.85GHz	802.11n HT40	40	2TX
5.725-5.85GHz	802.11n HT40-BF	40	2TX
5.725-5.85GHz	802.11ac VHT40	40	2TX
5.725-5.85GHz	802.11ac VHT40-BF	40	2TX
5.725-5.85GHz	802.11ax HEW40	40	2TX
5.725-5.85GHz	802.11ax HEW40-BF	40	2TX
5.725-5.85GHz	802.11ac VHT80	80	2TX
5.725-5.85GHz	802.11ac VHT80-BF	80	2TX
5.725-5.85GHz	802.11ax HEW80	80	2TX
5.725-5.85GHz	802.11ax HEW80-BF	80	2TX

**Note:**

- ◆ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ◆ VHT20, VHT40, VHT80 and VHT160 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ◆ HEW20, HEW40, HEW80 and HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ◆ BWch is the nominal channel bandwidth.



**1.1.2 Antenna Information**

Ant.	Port		Brand	Model Name	Antenna Type	Connector	Gain (dBi)
	2.4GHz	5GHz					
1	1	2	GALTRONICS	102140-07905-1	PCB	I-PEX	Note 1
2	2	1	GALTRONICS	102140-07905-2	PCB	I-PEX	

Note 1:

Ant.	Antenna Gain (dBi)				
	2.4GHz	5GHz UNII 1	5GHz UNII 2A	5GHz UNII 2C	5GHz UNII 3
1	3.2	3.4	3.3	3.3	3.4
2	3.3	3.6	3.6	4.0	4.0

Note 2: The above information was declared by manufacturer.

**For 2.4GHz function:**

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

Port 1 and Port 2 can be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.

**For 5GHz function:**

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

Port 1 and Port 2 can be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.





Note 3: Directional gain information

Type	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 ≤ 4	$Directional\ IGain = 10 \cdot \log \left[ \frac{\sum_{j=1}^{N_{SS}} \left[ \sum_{k=1}^{N_{ANT}} g_{j,k} \right]^2}{N_{ANT}} \right]$
BF	$Directional\ IGain = 10 \cdot \log \left[ \frac{\sum_{j=1}^{N_{SS}} \left[ \sum_{k=1}^{N_{ANT}} g_{j,k} \right]^2}{N_{ANT}} \right]$	$Directional\ IGain = 10 \cdot \log \left[ \frac{\sum_{j=1}^{N_{SS}} \left[ \sum_{k=1}^{N_{ANT}} g_{j,k} \right]^2}{N_{ANT}} \right]$

Ex.

Directional Gain (NSS1) formula :

$$Directional\ IGain = 10 \cdot \log \left[ \frac{\sum_{j=1}^{N_{SS}} \left[ \sum_{k=1}^{N_{ANT}} g_{j,k} \right]^2}{N_{ANT}} \right]$$

$$NSS1(g1,1) = 10^{G1/20} ; NSS1(g1,2) = 10^{G2/20} ; NSS1(g1,2) = 10^{G3/20} ; NSS1(g1,2) = 10^{G4/20}$$

$$g_{j,k} = (NSS1(g1,1) + NSS1(g1,2) + NSS1(g1,3) + NSS1(g1,4))^2$$

$$DG = 10 \log[(NSS1(g1,1) + NSS1(g1,2) + NSS1(g1,3) + NSS1(g1,4))^2 / N_{ANT}] \Rightarrow 10$$

$$\log[(10^{G1/20} + 10^{G2/20} + 10^{G3/20} + 10^{G4/20})^2 / N_{ANT}]$$

Where ;

$$2.4G\ G1 = 3.2\ dBi ; G2 = 3.3\ dBi ;$$

$$5G\ UNII-1\ G1 = 3.4\ dBi ; G2 = 3.6\ dBi ;$$

$$5G\ UNII-2A\ G1 = 3.3\ dBi ; G2 = 3.6\ dBi ;$$

$$5G\ UNII-2C\ G1 = 3.3\ dBi ; G2 = 4.0\ dBi ;$$

$$5G\ UNII-3\ G1 = 3.4\ dBi ; G2 = 4.0\ dBi ;$$

$$2.4G\ DG = 6.26\ dBi$$

$$5G\ UNII-1\ DG = 6.51\ dBi$$

$$5G\ UNII-2A\ DG = 6.46\ dBi$$

$$5G\ UNII-2C\ DG = 6.67\ dB$$

$$5G\ UNII-3\ DG = 6.72\ dBi$$



1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.94	0.27	1.977m	1k
802.11ax HEW20-BF	0.93	0.32	1.781m	1k
802.11ax HEW40-BF	0.928	0.32	1.78m	1k
802.11ax HEW80-BF	0.928	0.32	1.908m	1k
802.11ax HEW160-BF	0.762	1.18	565.469u	3k

Note:

- ♦ DC is Duty Cycle.
- ♦ DCF is Duty Cycle Factor.

1.1.4 EUT Operational Condition

<b>EUT Power Type</b>	From PoE			
<b>Beamforming Function</b>	<input checked="" type="checkbox"/>	With beamforming	<input type="checkbox"/>	Without beamforming
	The product has beamforming function for n/VHT/ax in 2.4GHz and n/ac/ax in 5GHz.			
<b>Weather Band</b>	<input checked="" type="checkbox"/>	With 5600~5650MHz	<input type="checkbox"/>	Without 5600~5650MHz
<b>Function</b>	<input type="checkbox"/>	Outdoor P2M	<input checked="" type="checkbox"/>	Indoor P2M
	<input type="checkbox"/>	Fixed P2P	<input type="checkbox"/>	Client
	<input checked="" type="checkbox"/>	Point-to-multipoint	<input type="checkbox"/>	Point-to-point
<b>TPC Function</b>	<input checked="" type="checkbox"/>	With TPC	<input type="checkbox"/>	Without TPC
<b>Channel Puncturing Function</b>	<input type="checkbox"/>	Supported	<input checked="" type="checkbox"/>	Unsupported
<b>Support RU</b>	<input checked="" type="checkbox"/>	Full RU	<input type="checkbox"/>	Partial RU
<b>Test Software Version</b>	<Non-beamforming mode> QRCT: Version 4.0.00204.0 <Beamforming mode> DOS [Version 6.1.7601]			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

Brand Name	Model Name	Description
CyberTAN	EWV631-B1, CAP630W-311G	All the models are identical, the difference brand name and model name served as marketing strategy.
SonicFi	EWV631-B1, RAP630W-311G	

Note:

1. From the above, brand name: CyberTAN / model name: EWW631-B1 was selected as representative for the test and its data was recorded in this report.
2. The above information was declared by manufacturer.



### 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.

- ◆ FCC KDB 662911 D01 v02r01
- ◆ FCC KDB 412172 D01 v01r01
- ◆ FCC KDB 414788 D01 v01r01

### 1.3 Testing Location Information

Testing Location Information	
Test Lab. : Sporton International Inc. Hsinchu Laboratory	
Hsinchu	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)
(TAF: 3787)	TEL: 886-3-656-9065 FAX: 886-3-656-9085
	Test site Designation No. TW3787 with FCC.
	Conformity Assessment Body Identifier (CABID) TW3787 with ISED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH01-CB	Mason Chen	21~21.6 / 63~67	Nov. 16, 2023~ Nov. 20, 2023
Radiated below 1GHz	03CH03-CB	Mark Hsu	22.4-23.5 / 55-58	Nov. 16, 2023~ Dec. 08, 2023
Radiated above 1GHz	03CH01-CB	Mark Hsu	21.2-22.3 / 56-59	Nov. 16, 2023~ Dec. 08, 2023
	03CH03-CB	Mark Hsu	22.4-23.5 / 55-58	Nov. 16, 2023~ Dec. 08, 2023
	03CH04-CB	Mark Hsu	22.7-23.8 / 56-59	Nov. 16, 2023~ Dec. 08, 2023
Radiated Co-location	03CH02-CB	Mark Hsu	22-23 / 55-58	Nov. 16, 2023~ Dec. 08, 2023
AC Conduction	CO02-CB	Gray Lee	22~23 / 53~54	Nov. 10, 2023



### 1.4 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2))

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.1 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.1 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	3.1 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.1 dB	Confidence levels of 95%
Bandwidth Measurement	2.2%	Confidence levels of 95%



## 2 Test Configuration of EUT

### 2.1 Test Channel Mode

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	20.5
5200MHz	23.5
5240MHz	22.5
5260MHz	18
5300MHz	17.5
5320MHz	18
5500MHz	18.5
5580MHz	19
5700MHz	18.5
5720MHz Straddle 5.47-5.725GHz	18
5720MHz Straddle 5.725-5.85GHz	18
5745MHz	27
5785MHz	27
5825MHz	27
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5180MHz	23
5200MHz	26
5240MHz	26
5260MHz	21
5300MHz	21
5320MHz	21
5500MHz	22
5580MHz	22
5700MHz	22
5720MHz Straddle 5.47-5.725GHz	22
5720MHz Straddle 5.725-5.85GHz	22
5745MHz	30
5785MHz	30
5825MHz	30
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5190MHz	22
5230MHz	25
5270MHz	22
5310MHz	22
5510MHz	22



Mode	Power Setting
5550MHz	24
5670MHz	23
5710MHz Straddle 5.47-5.725GHz	23
5710MHz Straddle 5.725-5.85GHz	23
5755MHz	25
5795MHz	26
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5210MHz	23
5290MHz	22
5530MHz	23
5610MHz	24
5690MHz Straddle 5.47-5.725GHz	23
5690MHz Straddle 5.725-5.85GHz	23
5775MHz	24
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	21
5250MHz Straddle 5.25-5.35GHz	21
5570MHz	22

**Note:**

- ♦ Evaluated HEW20/HEW40/HEW80/HEW160 mode only, due to similar modulation. The power setting of HT20/HT40/VHT20/VHT40/VHT80/VHT160 mode are the same or lower than HEW20/HEW40/HEW80/HEW160.
- ♦ The EUT supports non-beamforming and beamforming mode, only beamforming mode has been selected to test.



## 2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
<b>Tests Item</b>	AC power-line conducted emissions
<b>Condition</b>	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
<b>Operating Mode</b>	Normal Link
1	EUT + PoE

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

The Worst Case Mode for Following Conformance Tests	
<b>Tests Item</b>	Unwanted Emissions
<b>Test Condition</b>	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.

After evaluating, and the worst case was found at Y axis, so it was selected to perform test and its test result was written in the report.

<b>Operating Mode &lt; 1GHz</b>	CTX
1	EUT in Y axis + WLAN 2.4GHz + PoE
2	EUT in Y axis + WLAN 5GHz + PoE

For operating mode 2 is the worst case and it was record in this test report.

<b>Operating Mode &gt; 1GHz</b>	CTX
After evaluating, and the worst case was found at Y axis, so it was selected to perform test and its test result was written in the report.	
1	EUT in Y axis



The Worst Case Mode for Following Conformance Tests	
<b>Tests Item</b>	Simultaneous Transmission Analysis - Radiated Emission Co-location
<b>Test Condition</b>	Radiated measurement
<b>Operating Mode</b>	Normal Link
After evaluating, and the worst case was found at Y axis, so it was selected to perform test and its test result was written in the report.	
1	EUT in Y axis + WLAN 2.4GHz + WLAN 5GHz
Refer to Appendix F for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
<b>Tests Item</b>	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
<b>Operating Mode</b>	
1	WLAN 2.4GHz + WLAN 5GHz
Refer to Sporton Test Report No.: FA3O2420 for Co-location RF Exposure Evaluation.	

Note : The PoE are for measurement only, would not be marketed.

The PoE information as below:

Power	Brand	Model
PoE	Microsemi	PD-9501-10GC/AC

### 2.3 EUT Operation during Test

**For CTX Mode:**

<non-beamforming mode>

The EUT was programmed to be in continuously transmitting mode.

<Beamforming mode>

During the test, the following programs under WIN 7 were executed.

The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under DOS 6.1.7601
3. Executed "Lantest" to link with the remote workstation to transmit and receive packet by device and transmit duty cycle no less than 98%.

**For Normal Link:**

During the test, the EUT operation to normal function.

### 2.4 Accessories

Accessories
Wall-mounted rack *1





## 2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE	Microsemi	PD-9501-10GC/AC	N/A
B	PoE in NB	DELL	E6430	N/A
C	2.4G NB	DELL	E6430	N/A
D	5G NB	DELL	E6430	N/A
E	LAN NB	DELL	E6430	N/A
F	Device	CyberTAN	EWW631-A1	N/A

For Radiated Emission below 1GHz:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	PoE	Microsemi	PD-9501-10GC/AC	N/A

For Radiated Emission above 1GHz and RF conducted:

<Non-beamforming mode>

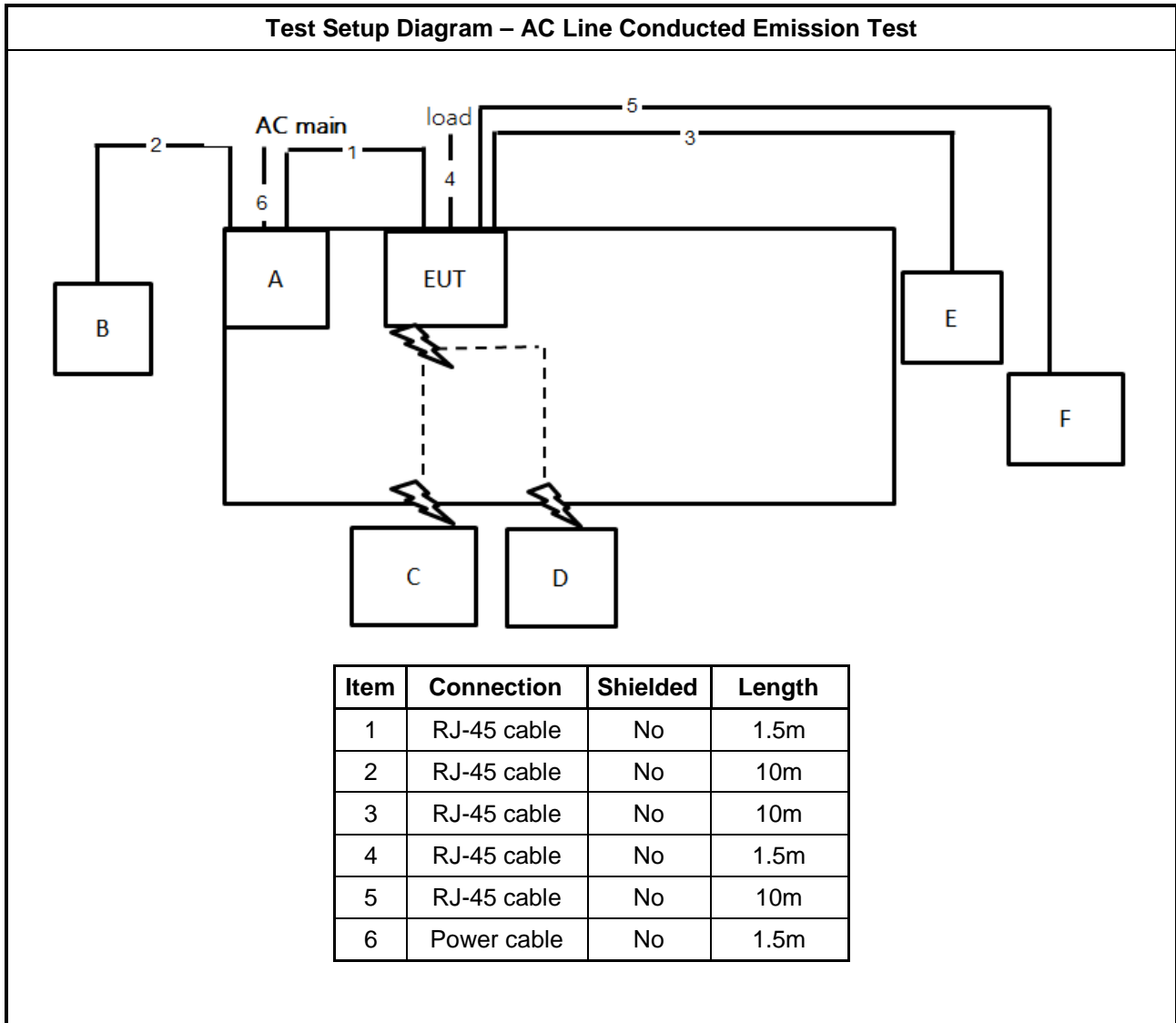
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	PoE	Microsemi	PD-9501-10GC/AC	N/A

For Radiated Emission above 1GHz and RF conducted:

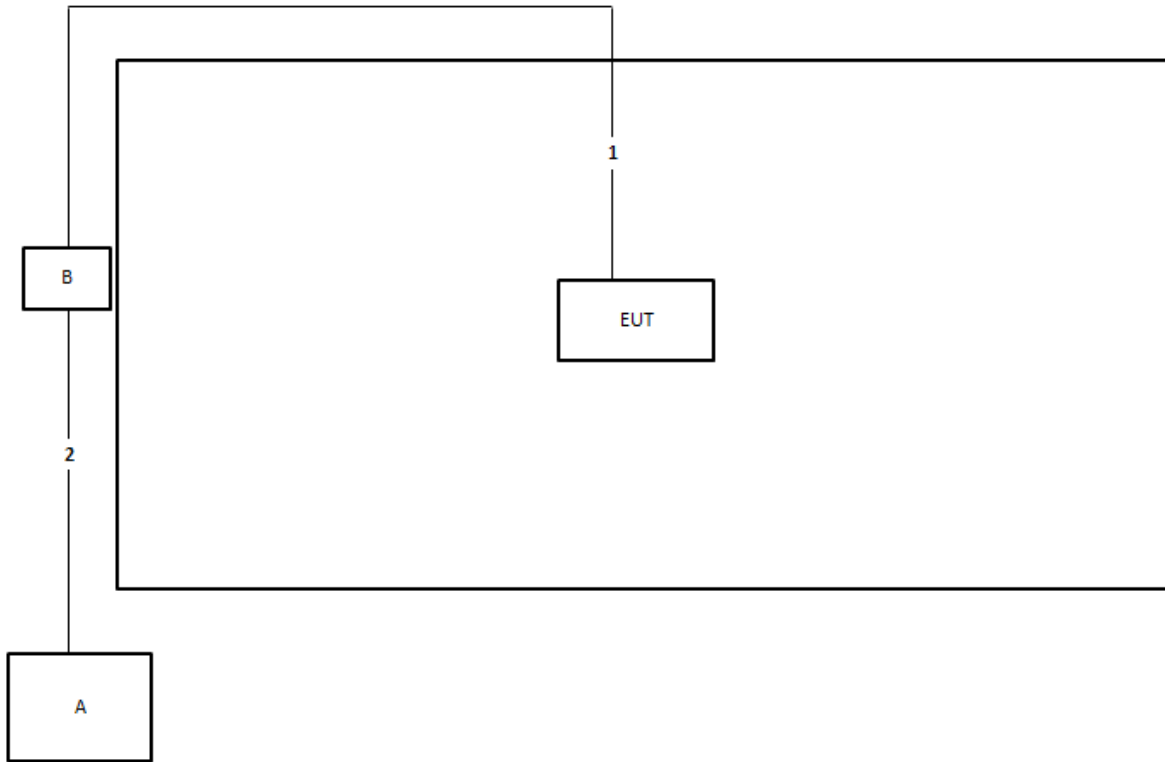
<Beamforming mode>

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	Device	Cybertan	EWW631-A1	N/A
C	Notebook	DELL	E4300	N/A
D	PoE	Microsemi	PD-9501-10GC/AC	N/A

## 2.6 Test Setup Diagram

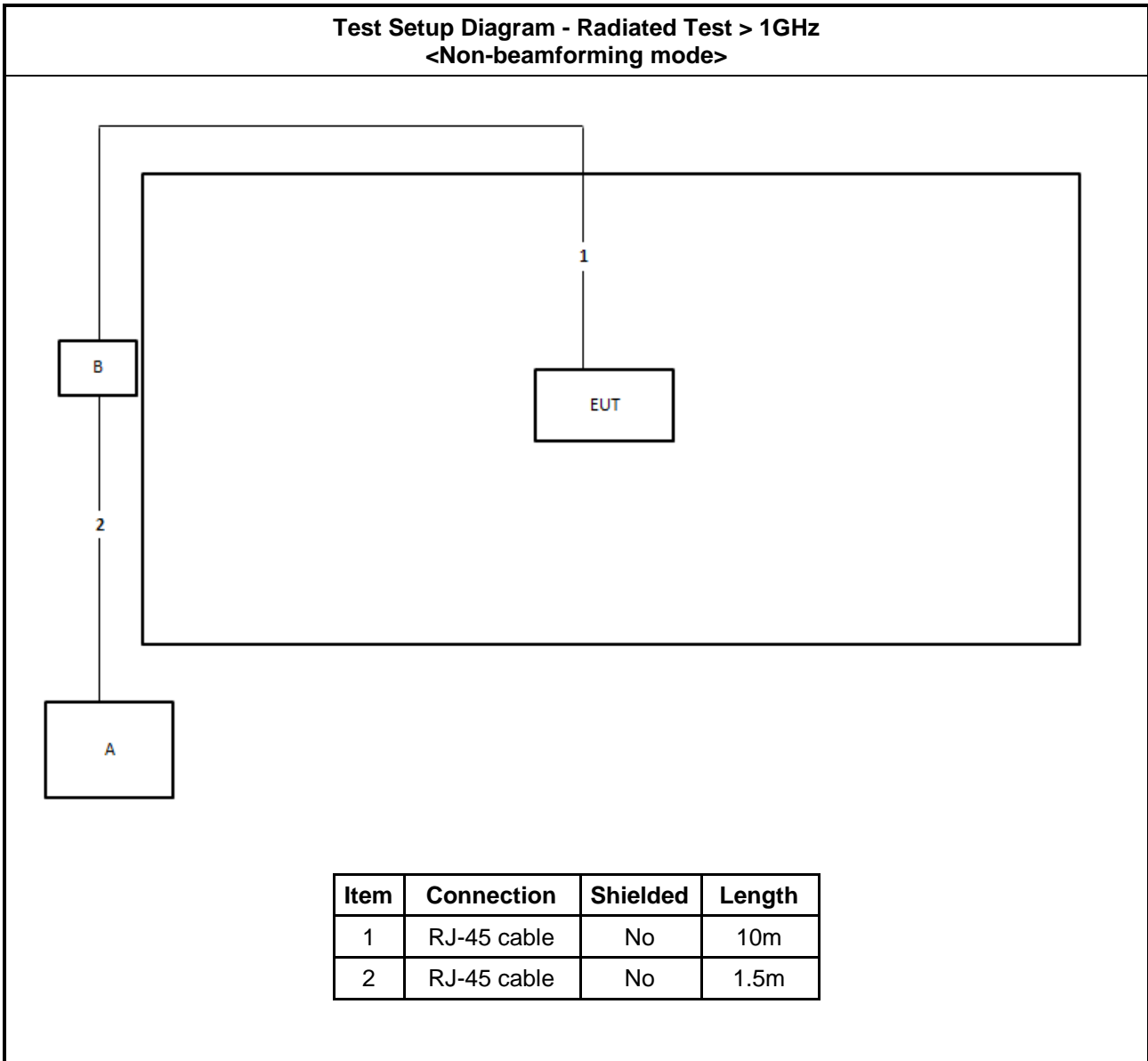


**Test Setup Diagram - Radiated Test < 1GHz**

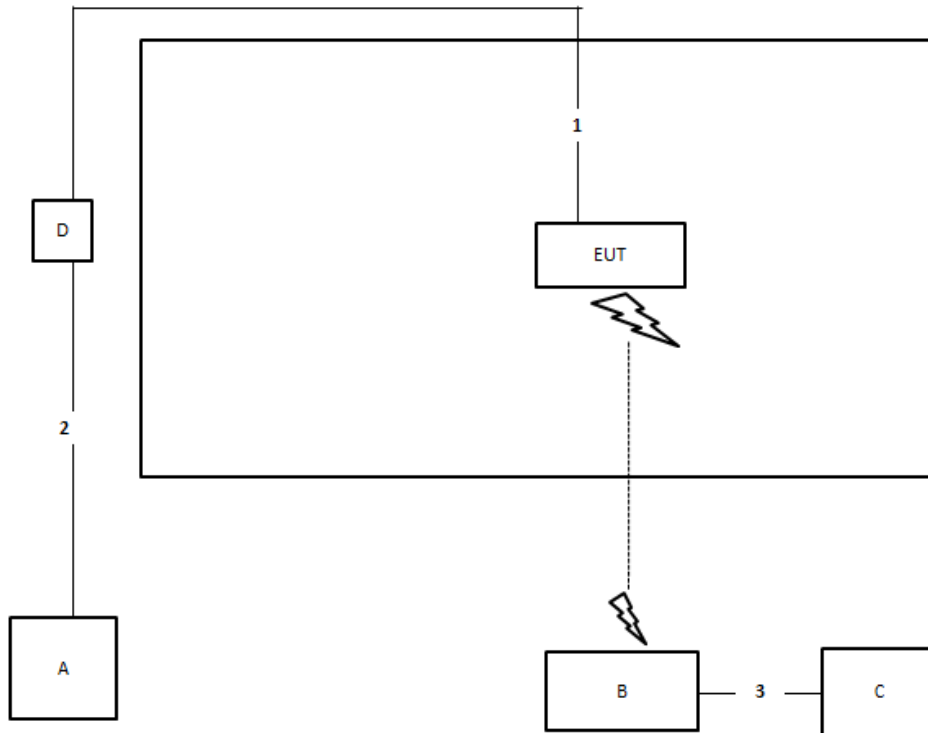


Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	RJ-45 cable	No	1.5m

**Test Setup Diagram - Radiated Test > 1GHz  
<Non-beamforming mode>**



**Test Setup Diagram - Radiated Test > 1GHz  
<Beamforming mode>**



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	10m



### 3 Transmitter Test Result

#### 3.1 AC Power-line Conducted Emissions

##### 3.1.1 AC Power-line Conducted Emissions Limit

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

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

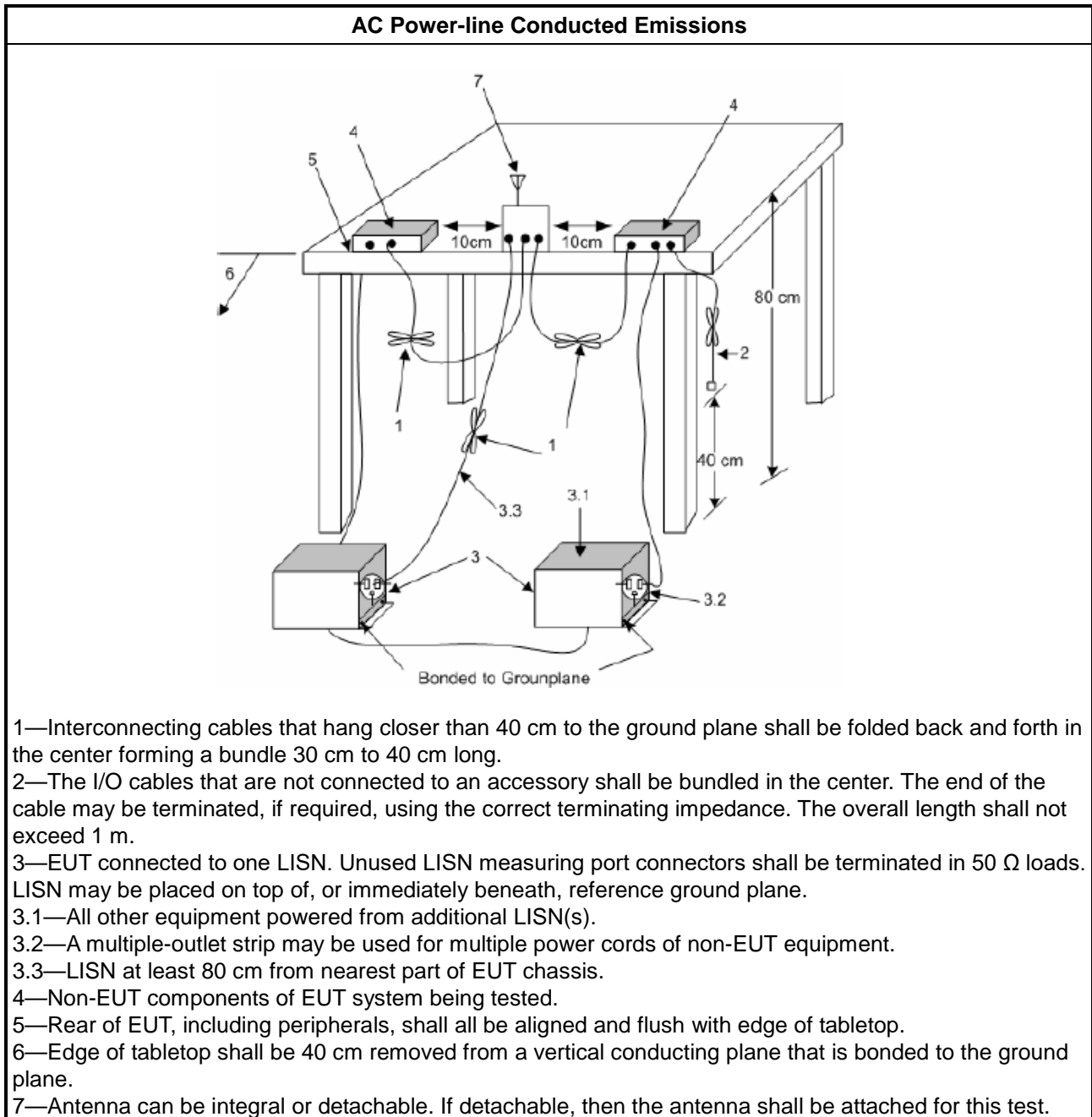
##### 3.1.2 Measuring Instruments

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

##### 3.1.3 Test Procedures

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

### 3.1.4 Test Setup



### 3.1.5 Measurement Results Calculation

The measured Level is calculated using:

- a. Corrected Reading: LISN Factor (LISN) + Attenuator (AT/AUX) + Cable Loss (CL) + Read Level (Raw) = Level
- b. Margin = -Limit + Level

### 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	
<b>UNII Devices</b>	
<input checked="" type="checkbox"/>	For the 5.15-5.25 GHz band, N/A
<input checked="" type="checkbox"/>	For the 5.25-5.35 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
<input checked="" type="checkbox"/>	For the 5.47-5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
<input checked="" type="checkbox"/>	For the 5.725-5.85 GHz band, 26 dB emission bandwidth ,N/A. 6 dB emission bandwidth ≥ 500kHz.
<b>LE-LAN Devices</b>	
<input type="checkbox"/>	For the band 5.15-5.25 GHz, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
<input type="checkbox"/>	For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
<input type="checkbox"/>	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
<input type="checkbox"/>	For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz.

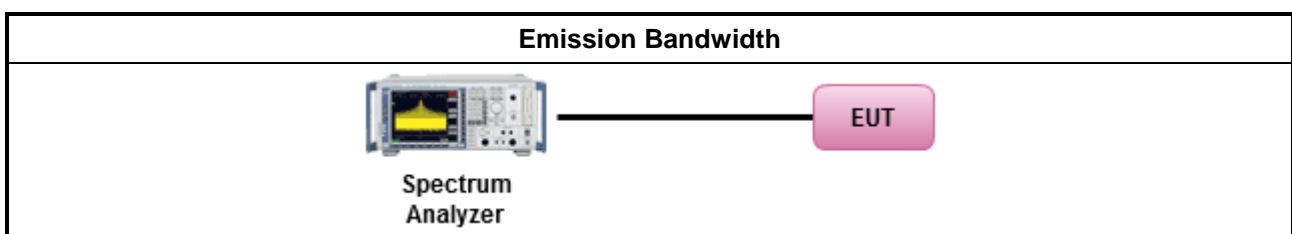
#### 3.2.2 Measuring Instruments

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

#### 3.2.3 Test Procedures

Test Method							
<ul style="list-style-type: none"> <li>▪ For the emission bandwidth shall be measured using one of the options below:           <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20px;"><input checked="" type="checkbox"/></td> <td>Refer as FCC KDB 789033 D02, clause C for EBW and clause D for OBW measurement.</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.</td> </tr> </table> </li> </ul>		<input checked="" type="checkbox"/>	Refer as FCC KDB 789033 D02, clause C for EBW and clause D for OBW measurement.	<input type="checkbox"/>	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.	<input type="checkbox"/>	Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033 D02, clause C for EBW and clause D for OBW measurement.						
<input type="checkbox"/>	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.						
<input type="checkbox"/>	Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.						

#### 3.2.4 Test Setup



#### 3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B





### 3.3 Maximum Output Power

#### 3.3.1 Limit

Maximum Output Power Limit	
<b>UNII Devices</b>	
<input checked="" type="checkbox"/> For the 5.15-5.25 GHz band:	
<input type="checkbox"/>	<ul style="list-style-type: none"> <li>Outdoor AP: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)</math>. e.i.r.p. at any elevation angle above 30 degrees <math>\leq 125mW</math> [21dBm]</li> <li>Indoor AP: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)</math></li> <li>Point-to-point AP: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 23</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 23)</math>.</li> <li>Mobile or Portable Client: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 250 mW. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 24 - (G_{TX} - 6)</math>.</li> </ul>
<input checked="" type="checkbox"/> For the 5.25-5.35 GHz band, the maximum conducted output power ( $P_{Out}$ ) shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$ , where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$ .	
<input checked="" type="checkbox"/> For the 5.47-5.725 GHz band, the maximum conducted output power ( $P_{Out}$ ) shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$ , where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$ .	
<input checked="" type="checkbox"/> For the 5.725-5.85 GHz band:	
<input type="checkbox"/>	<ul style="list-style-type: none"> <li>Point-to-multipoint systems (P2M): the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)</math>.</li> <li>Point-to-point systems (P2P): the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W.</li> </ul>
<b>LE-LAN Devices</b>	
<input type="checkbox"/> For the 5.15-5.25 GHz band, the maximum e.i.r.p. shall not exceed 200 mW or $10 + 10 \log B$ , dBm, whichever power is less. B is the 99% emission bandwidth in MHz.	
<input type="checkbox"/> For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log B$ , dBm, whichever power is less. B is the 99% emission bandwidth in MHz	
<input type="checkbox"/> For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log B$ , dBm, whichever power is less. B is the 99% emission bandwidth in MHz	
<input type="checkbox"/> For the 5.725-5.85 GHz band:	
<input type="checkbox"/>	<ul style="list-style-type: none"> <li>Point-to-multipoint systems (P2M): the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)</math>.</li> <li>Point-to-point systems (P2P): the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W.</li> </ul>
$P_{Out}$ = maximum conducted output power in dBm, $G_{TX}$ = the maximum transmitting antenna directional gain in dBi.	

### 3.3.2 Measuring Instruments

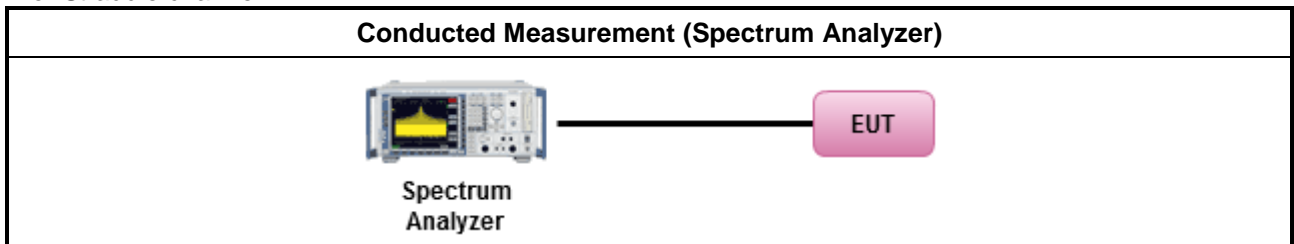
Refer a test equipment and calibration data table in this test report.

### 3.3.3 Test Procedures

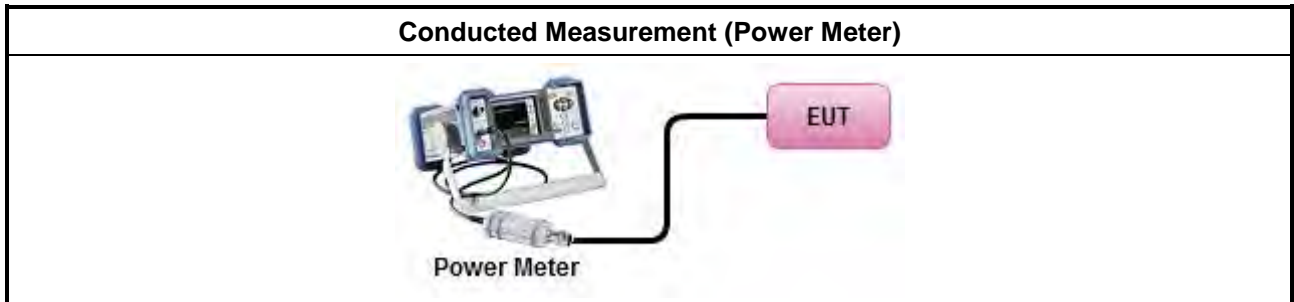
Test Method	
	Average over on/off periods with duty factor
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
<input type="checkbox"/>	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033 D02, clause E Method PM-G (using an RF average power meter).
<input checked="" type="checkbox"/>	For conducted measurement.
	<ul style="list-style-type: none"> <li>▪ 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.</li> </ul>
	<ul style="list-style-type: none"> <li>▪ If multiple transmit chains, EIRP calculation could be following as methods:  <math>P_{total} = P_1 + P_2 + \dots + P_n</math>                      (calculated in linear unit [mW] and transfer to log unit [dBm])  <math>EIRP_{total} = P_{total} + DG</math> </li> </ul>
<input type="checkbox"/>	For radiated measurement.
	<ul style="list-style-type: none"> <li>▪ Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing"</li> <li>▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.</li> <li>▪ Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.</li> </ul>

### 3.3.4 Test Setup

For Straddle channel



For other tests





### **3.3.5 Test Result of Maximum Output Power**

Refer as Appendix C



### 3.4 Power Spectral Density

#### 3.4.1 Limit

<b>Peak Power Spectral Density Limit</b>	
<b>UNII Devices</b>	
<input checked="" type="checkbox"/> For the 5.15-5.25 GHz band:	
	<ul style="list-style-type: none"> <li>▪ Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 17 - (G_{TX} - 6)</math>.</li> <li>▪ Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 17 - (G_{TX} - 6)</math>.</li> <li>▪ Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If <math>G_{TX} &gt; 23</math> dBi, then <math>P_{Out} = 17 - (G_{TX} - 23)</math>.</li> <li>▪ Mobile or Portable Client: the peak power spectral density (PPSD) <math>\leq 11</math> dBm/MHz. If <math>G_{TX} &gt; 6</math> dBi, then <math>PPSD = 11 - (G_{TX} - 6)</math>.</li> </ul>
<input checked="" type="checkbox"/> For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) $\leq 11$ dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$ .	
<input checked="" type="checkbox"/> For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) $\leq 11$ dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$ .	
<input checked="" type="checkbox"/> For the 5.725-5.85 GHz band:	
	<ul style="list-style-type: none"> <li>▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) <math>\leq 30</math> dBm/500kHz. If <math>G_{TX} &gt; 6</math> dBi, then <math>PPSD = 30 - (G_{TX} - 6)</math>.</li> <li>▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) <math>\leq 30</math> dBm/500kHz.</li> </ul>
<b>LE-LAN Devices</b>	
<input type="checkbox"/> For the 5.15-5.25 GHz band, the e.i.r.p. peak power spectral density (PPSD) $\leq 10$ dBm/MHz.	
<input type="checkbox"/> For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) $\leq 11$ dBm/MHz.	
	<ul style="list-style-type: none"> <li>▪ e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where <math>\theta</math> is the angle above the local horizontal plane (of the Earth) as shown below:            -13 dBW/MHz for <math>0^\circ \leq \theta &lt; 8^\circ</math> ; -13 - 0.716 (<math>\theta-8</math>) dBW/MHz for <math>8^\circ \leq \theta &lt; 40^\circ</math>            -35.9 - 1.22 (<math>\theta-40</math>) dBW/MHz for <math>40^\circ \leq \theta \leq 45^\circ</math> ; -42 dBW/MHz for <math>\theta &gt; 45^\circ</math></li> </ul>
<input type="checkbox"/> For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) $\leq 11$ dBm/MHz.	
<input type="checkbox"/> For the 5.725-5.85 GHz band:	
	<ul style="list-style-type: none"> <li>▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) <math>\leq 30</math> dBm/500kHz. If <math>G_{TX} &gt; 6</math> dBi, then <math>PPSD = 30 - (G_{TX} - 6)</math>.</li> <li>▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) <math>\leq 30</math> dBm/500kHz.</li> </ul>
<p><b>PPSD</b> = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz  <b>G<sub>TX</sub></b> = the maximum transmitting antenna directional gain in dBi.</p>	

#### 3.4.2 Measuring Instruments

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

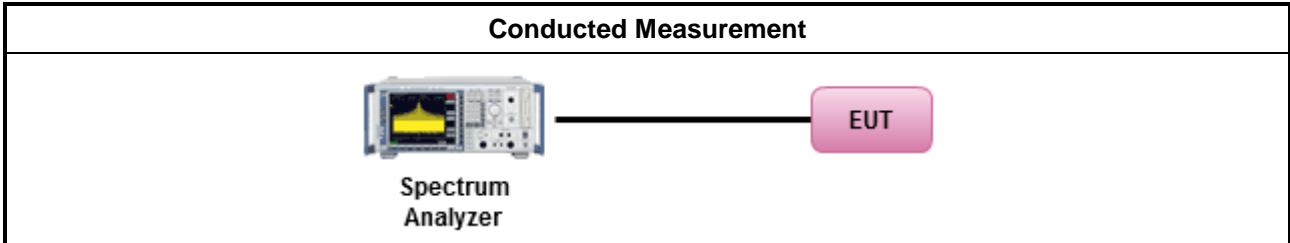


**3.4.3 Test Procedures**

<b>Test Method</b>	
<ul style="list-style-type: none"> <li>▪ 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:</li> </ul>	
<input type="checkbox"/>	Refer as FCC KDB 789033 D02, F5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
[duty cycle ≥ 98% or external video / power trigger]	
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033 D02, clause E Method SA-1 (spectral trace averaging).
<input type="checkbox"/>	Refer as FCC KDB 789033 D02, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)
duty cycle < 98% and average over on/off periods with duty factor	
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
<input type="checkbox"/>	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
<input checked="" type="checkbox"/> For conducted measurement.	
<ul style="list-style-type: none"> <li>▪ If the EUT supports multiple transmit chains using options given below:</li> </ul>	
<input checked="" type="checkbox"/>	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.
<input type="checkbox"/>	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,
<input type="checkbox"/>	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.
<ul style="list-style-type: none"> <li>▪ If multiple transmit chains, EIRP PPSD calculation could be following as methods:  <math>PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n</math>                      (calculated in linear unit [mW] and transfer to log unit [dBm])  <math>EIRP_{total} = PPSD_{total} + DG</math> </li> </ul>	
<input type="checkbox"/> For radiated measurement.	
<ul style="list-style-type: none"> <li>▪ Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing"</li> </ul>	
<ul style="list-style-type: none"> <li>▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.</li> </ul>	

Test Method	
	Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

### 3.4.4 Test Setup



### 3.4.5 Test Result of Power Spectral Density

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.

Un-restricted band emissions above 1GHz Limit	
Operating Band	Limit
<input checked="" type="checkbox"/> 5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m @3m]
<input checked="" type="checkbox"/> 5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m @3m]
<input checked="" type="checkbox"/> 5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m @3m]
<input checked="" type="checkbox"/> 5.725 - 5.85 GHz	all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

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



linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

**3.5.2 Measuring Instruments**

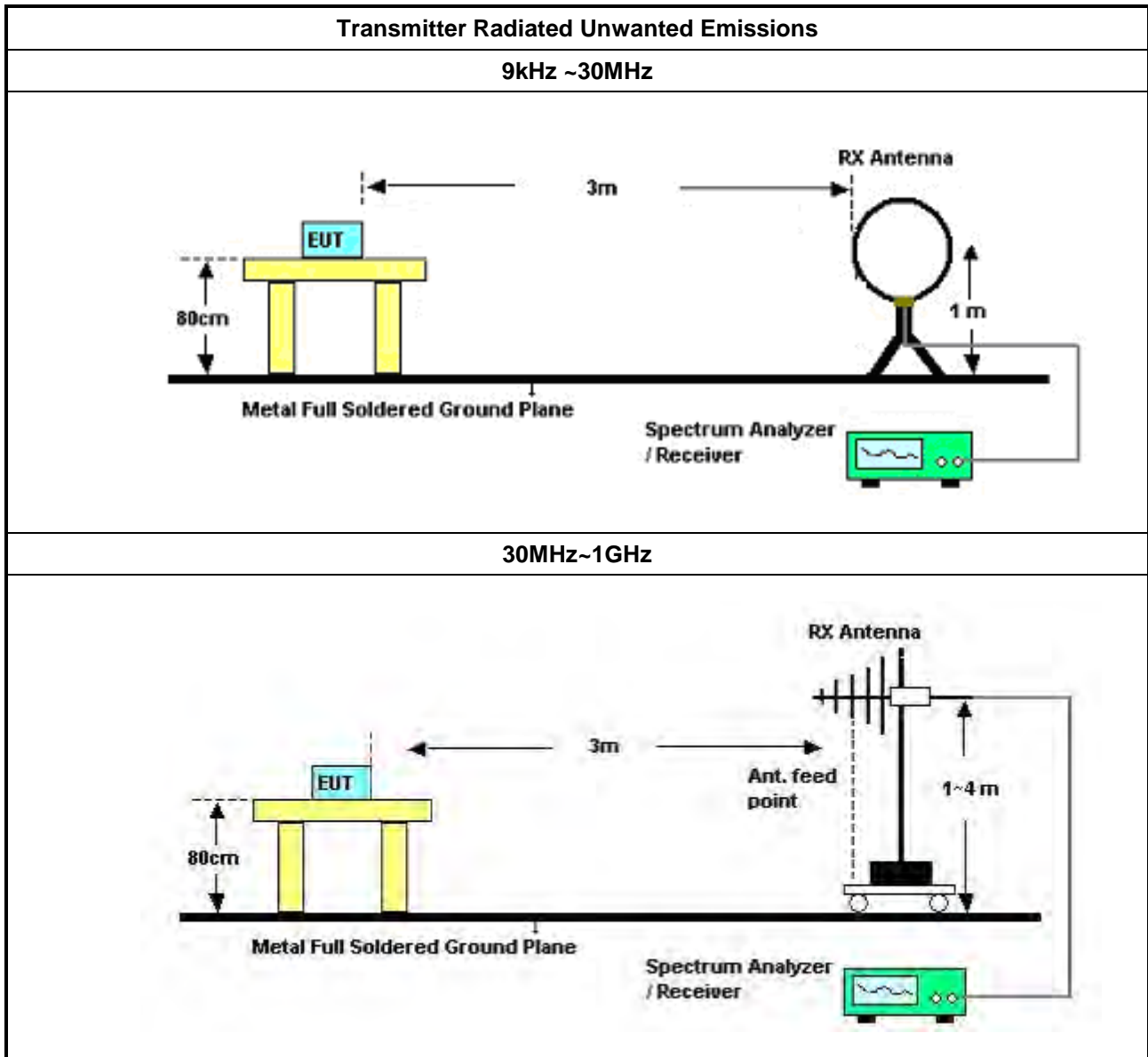
Refer a test equipment and calibration data table in this test report.

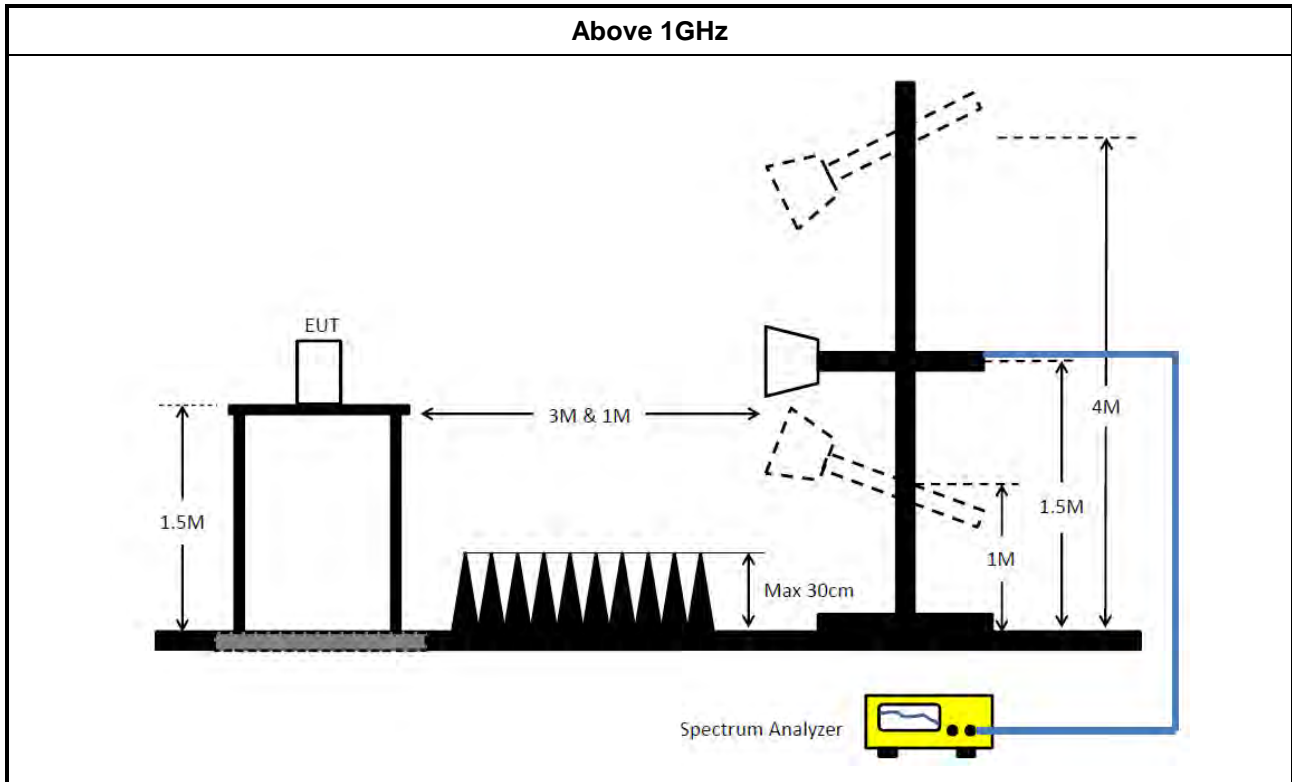
**3.5.3 Test Procedures**

Test Method															
	<ul style="list-style-type: none"> <li>▪ 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).</li> </ul>														
	<ul style="list-style-type: none"> <li>▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].</li> </ul>														
	<ul style="list-style-type: none"> <li>▪ For the transmitter unwanted emissions shall be measured using following options below:               <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td style="width: 5%;"></td> <td> <ul style="list-style-type: none"> <li>▪ Refer as FCC KDB 789033 D02, clause G)2) for unwanted emissions into non-restricted bands.</li> <li>▪ Refer as FCC KDB 789033 D02, clause G)1) for unwanted emissions into restricted bands.</li> </ul> </td> </tr> <tr> <td style="width: 5%;"></td> <td> <input type="checkbox"/> Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging).               </td> </tr> <tr> <td></td> <td> <input checked="" type="checkbox"/> Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).               </td> </tr> <tr> <td></td> <td> <input type="checkbox"/> Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.               </td> </tr> <tr> <td></td> <td> <input type="checkbox"/> Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.               </td> </tr> <tr> <td></td> <td> <input checked="" type="checkbox"/> Refer as FCC KDB 789033 D02, clause G)5) measurement procedure peak limit.               </td> </tr> <tr> <td></td> <td> <input type="checkbox"/> Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.               </td> </tr> </table> </li> </ul>		<ul style="list-style-type: none"> <li>▪ Refer as FCC KDB 789033 D02, clause G)2) for unwanted emissions into non-restricted bands.</li> <li>▪ Refer as FCC KDB 789033 D02, clause G)1) for unwanted emissions into restricted bands.</li> </ul>		<input type="checkbox"/> Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging).		<input checked="" type="checkbox"/> Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).		<input type="checkbox"/> Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.		<input type="checkbox"/> Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.		<input checked="" type="checkbox"/> Refer as FCC KDB 789033 D02, clause G)5) measurement procedure peak limit.		<input type="checkbox"/> Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.
	<ul style="list-style-type: none"> <li>▪ Refer as FCC KDB 789033 D02, clause G)2) for unwanted emissions into non-restricted bands.</li> <li>▪ Refer as FCC KDB 789033 D02, clause G)1) for unwanted emissions into restricted bands.</li> </ul>														
	<input type="checkbox"/> Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging).														
	<input checked="" type="checkbox"/> Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).														
	<input type="checkbox"/> Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.														
	<input type="checkbox"/> Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.														
	<input checked="" type="checkbox"/> Refer as FCC KDB 789033 D02, clause G)5) measurement procedure peak limit.														
	<input type="checkbox"/> Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.														
	<ul style="list-style-type: none"> <li>▪ For radiated measurement.               <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td style="width: 5%;"></td> <td> <ul style="list-style-type: none"> <li>▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.</li> <li>▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.</li> <li>▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.</li> </ul> </td> </tr> </table> </li> </ul>		<ul style="list-style-type: none"> <li>▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.</li> <li>▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.</li> <li>▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.</li> </ul>												
	<ul style="list-style-type: none"> <li>▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.</li> <li>▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.</li> <li>▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.</li> </ul>														
	<ul style="list-style-type: none"> <li>▪ The any unwanted emissions level shall not exceed the fundamental emission level.</li> </ul>														
	<ul style="list-style-type: none"> <li>▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.</li> </ul>														



**3.5.4 Test Setup**





### 3.5.5 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading:  $\text{Antenna factor (AF)} + \text{Cable loss (CL)} + \text{Read level (Raw)} - \text{Preamp factor (PA)}$  (if applicable) = Level.

### 3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.

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

The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10th harmonic or 40 GHz, whichever is appropriate.

### 3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E



## 4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Apr. 06, 2023	Apr. 05, 2024	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Dec. 20, 2022	Dec. 19, 2023	Conduction (CO02-CB)
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	May 18, 2023	May 17, 2024	Conduction (CO02-CB)
Pulse Limiter	Schwarzbeck	VTSD 9561F-N	00378	9kHz ~ 30MHz	Oct. 17, 2023	Oct. 16, 2024	Conduction (CO02-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO02-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30 MHz	Oct. 13, 2023	Oct. 12, 2024	Radiation (03CH03-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH03-CB	30 MHz ~ 1 GHz	Jan. 17, 2023	Jan. 16, 2024	Radiation (03CH03-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 04, 2023	May 03, 2024	Radiation (03CH03-CB)
Bilog Antenna with 6 dB attenuator	Schaffner & EMCi	CBL6112B & N-6-06	2928 & AT-N0608	20MHz ~ 2GHz	Feb. 19, 2023	Feb. 18, 2024	Radiation (03CH03-CB)
Horn Antenna	ETS · Lindgren	3115	6821	750MHz~18GHz	Feb. 03, 2023	Feb. 02, 2024	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jun. 30, 2023	Jun. 29, 2024	Radiation (03CH03-CB)
Pre-Amplifier	SGH	SGH184	20230109-3	18~40GHz	Jan. 13, 2023	Jan. 12, 2024	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 12, 2023	Jun. 11, 2024	Radiation (03CH03-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 13, 2023	Jun. 12, 2024	Radiation (03CH03-CB)
RF Cable-low	Woken	RG402	Low Cable-02+29	30MHz ~ 1GHz	Nov. 07, 2023	Nov. 06, 2024	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Nov. 07, 2023	Nov. 06, 2024	Radiation (03CH03-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Nov. 07, 2023	Nov. 06, 2024	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40 GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH03-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 05, 2023	May 04, 2024	Radiation (03CH01-CB)
Horn Antenna	ETS-LINDGREN	3115	00075790	750MHz ~ 18GHz	Oct. 30, 2023	Oct. 29, 2024	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 18, 2023	May 17, 2024	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH184	20230109-3	18~40GHz	Jan. 13, 2023	Jan. 12, 2024	Radiation (03CH01-CB)
Signal Analyzer	R&S	FSV3044	101536	10kHz ~ 44GHz	Jul. 24, 2023	Jul. 23, 2024	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Nov. 06, 2023	Nov. 05, 2024	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Nov. 06, 2023	Nov. 05, 2024	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40 GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 25, 2023	Mar. 24, 2024	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 18, 2023	Apr. 17, 2024	Radiation (03CH02-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jun. 30, 2023	Jun. 29, 2024	Radiation (03CH02-CB)
Pre-Amplifier	SGH	SGH184	20230109-3	18~40GHz	Jan. 13, 2023	Jan. 12, 2024	Radiation (03CH02-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 12, 2023	Jun. 11, 2024	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40 GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 23, 2023	Feb. 22, 2024	Radiation (03CH04-CB)
Horn Antenna	ETS · Lindgren	3115	00143147	750MHz~18GHz	Oct. 04, 2023	Oct. 03, 2024	Radiation (03CH04-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	83017A	MY53270063	0.5GHz ~ 26.5GHz	Jun. 30, 2023	Jun. 29, 2024	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH184	20230109-3	18~40GHz	Jan. 13, 2023	Jan. 12, 2024	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 21, 2023	Mar. 20, 2024	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH04-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40 GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH04-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 29, 2023	May 28, 2024	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1~26.5 GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Feb. 22, 2023	Feb. 21, 2024	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Feb. 22, 2023	Feb. 21, 2024	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)

Note: Calibration Interval of instruments listed above is one year.

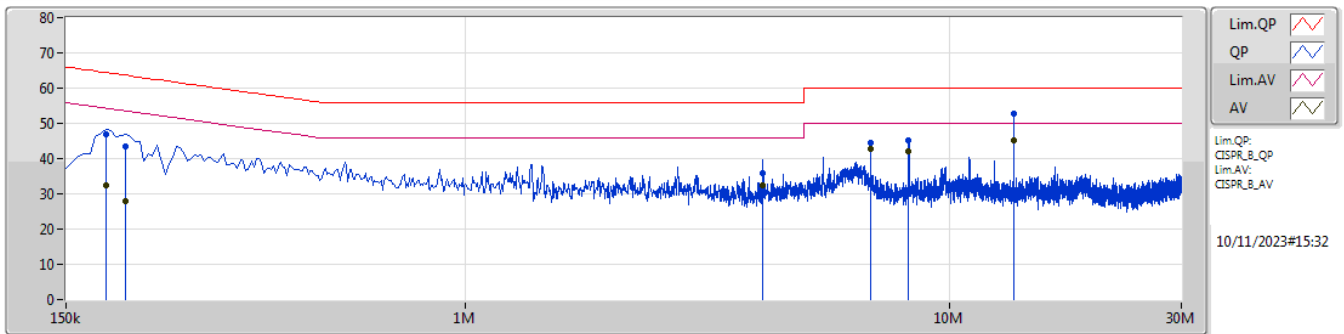
N.C.R. means Non-Calibration required.



**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	13.56M	46.11	50.00	-3.89	Neutral

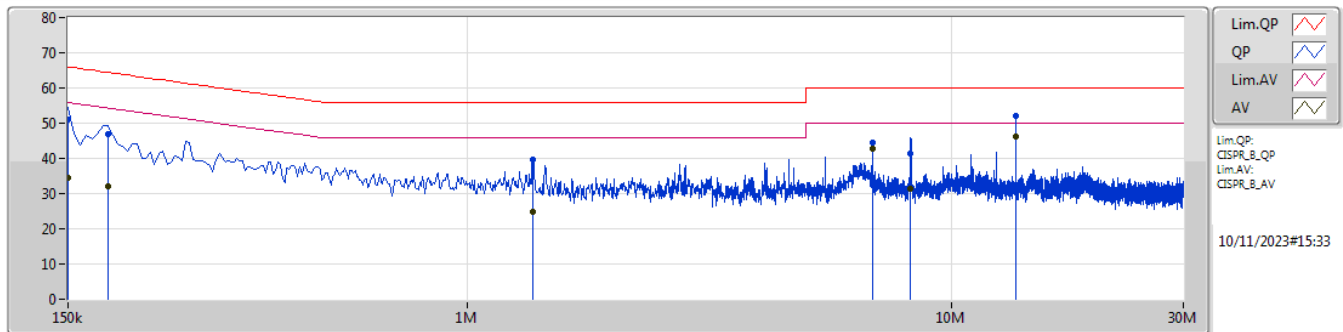
## Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	181.5k	46.80	64.41	-17.61	10.07	Line	-	36.73	0.04	0.03	10.00						
AV	181.5k	32.29	54.41	-22.12	10.07	Line	-	22.22	0.04	0.03	10.00						
QP	199.5k	43.32	63.63	-20.31	10.06	Line	-	33.26	0.04	0.03	9.99						
AV	199.5k	27.89	53.63	-25.74	10.06	Line	-	17.83	0.04	0.03	9.99						
QP	4.115M	35.73	56.00	-20.27	10.11	Line	-	25.62	0.10	0.12	9.89						
AV	4.115M	32.26	46.00	-13.74	10.11	Line	-	22.15	0.10	0.12	9.89						
QP	6.851M	44.37	60.00	-15.63	10.25	Line	-	34.12	0.16	0.13	9.96						
AV	6.851M	42.91	50.00	-7.09	10.25	Line	-	32.66	0.16	0.13	9.96						
QP	8.219M	45.06	60.00	-14.94	10.29	Line	-	34.77	0.18	0.13	9.98						
AV	8.219M	42.05	50.00	-7.95	10.29	Line	-	31.76	0.18	0.13	9.98						
QP	13.56M	52.70	60.00	-7.30	10.35	Line	-	42.35	0.26	0.14	9.95						
AV	13.56M	45.34	50.00	-4.66	10.35	Line	"Worst"	34.99	0.26	0.14	9.95						



## Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	150k	51.04	66.00	-14.96	10.09	Neutral	-	40.95	0.05	0.03	10.01
AV	150k	34.37	56.00	-21.63	10.09	Neutral	-	24.28	0.05	0.03	10.01
QP	181.5k	46.96	64.41	-17.45	10.08	Neutral	-	36.88	0.05	0.03	10.00
AV	181.5k	32.23	54.41	-22.18	10.08	Neutral	-	22.15	0.05	0.03	10.00
QP	1.361M	39.59	56.00	-16.41	10.10	Neutral	-	29.49	0.07	0.05	9.98
AV	1.361M	24.72	46.00	-21.28	10.10	Neutral	-	14.62	0.07	0.05	9.98
QP	6.851M	44.57	60.00	-15.43	10.24	Neutral	-	34.33	0.15	0.13	9.96
AV	6.851M	42.92	50.00	-7.08	10.24	Neutral	-	32.68	0.15	0.13	9.96
QP	8.214M	41.53	60.00	-18.47	10.27	Neutral	-	31.26	0.16	0.13	9.98
AV	8.214M	31.28	50.00	-18.72	10.27	Neutral	-	21.01	0.16	0.13	9.98
QP	13.56M	51.99	60.00	-8.01	10.29	Neutral	-	41.70	0.20	0.14	9.95
AV	13.56M	46.11	50.00	-3.89	10.29	Neutral	"Worst"	35.82	0.20	0.14	9.95

**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	36.465M	25.446M	25M4D1D	19.69M	16.344M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	38.61M	20.513M	20M5D1D	20.79M	18.753M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	48.07M	37.886M	37M9D1D	38.83M	37.568M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	80.74M	76.891M	76M9D1D	80.52M	76.55M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	80.08M	77.272M	77M3D1D	79.84M	77.166M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.14M	16.314M	16M3D1D	17.765M	16.233M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.46M	18.896M	18M9D1D	19.855M	18.792M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	39.38M	37.62M	37M6D1D	38.83M	37.46M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	80.52M	76.516M	76M5D1D	80.08M	76.009M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	80M	77.459M	77M5D1D	79.84M	77.389M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.745M	16.349M	16M3D1D	14.19M	13.089M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.405M	18.877M	18M9D1D	15.015M	14.34M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	39.6M	37.722M	37M7D1D	34.58M	33.552M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	80.74M	77.025M	77MOD1D	75.15M	72.912M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	161.92M	155.552M	156MD1D	161.48M	155.373M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.335M	32.729M	32M7D1D	3.16M	3.483M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	18.975M	36.978M	37MOD1D	4.5M	4.534M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	37.84M	49.961M	50MOD1D	4.02M	4.126M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	75.24M	76.997M	77MOD1D	4.04M	5.533M

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

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	19.69M	16.385M	20.35M	16.344M
5200MHz	Pass	Inf	36.465M	25.446M	34.98M	21.853M
5240MHz	Pass	Inf	28.71M	16.586M	31.35M	19.124M
5260MHz	Pass	Inf	18.535M	16.233M	18.205M	16.265M
5300MHz	Pass	Inf	18.59M	16.307M	19.14M	16.314M
5320MHz	Pass	Inf	17.765M	16.257M	18.975M	16.308M
5500MHz	Pass	Inf	19.415M	16.297M	18.81M	16.349M
5580MHz	Pass	Inf	18.205M	16.284M	19.745M	16.301M
5700MHz	Pass	Inf	18.37M	16.297M	18.81M	16.309M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.19M	13.089M	14.46M	13.124M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.2M	3.483M	3.16M	3.49M
5745MHz	Pass	500k	16.28M	31.502M	15.125M	32.729M
5785MHz	Pass	500k	15.07M	30.532M	16.335M	31.44M
5825MHz	Pass	500k	16.335M	32.008M	16.06M	32.553M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.79M	18.852M	21.285M	18.753M
5200MHz	Pass	Inf	38.61M	20.513M	34.375M	19.338M
5240MHz	Pass	Inf	27.775M	18.995M	35.145M	19.41M
5260MHz	Pass	Inf	19.91M	18.792M	20.02M	18.896M
5300MHz	Pass	Inf	19.965M	18.867M	20.46M	18.833M
5320MHz	Pass	Inf	20.075M	18.793M	19.855M	18.834M
5500MHz	Pass	Inf	19.855M	18.831M	20.295M	18.877M
5580MHz	Pass	Inf	20.405M	18.811M	20.185M	18.82M
5700MHz	Pass	Inf	20.24M	18.797M	20.075M	18.769M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.075M	14.357M	15.015M	14.34M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.5M	4.538M	4.52M	4.534M
5745MHz	Pass	500k	18.975M	32.978M	18.7M	36.978M
5785MHz	Pass	500k	18.92M	32.031M	18.81M	35.203M
5825MHz	Pass	500k	18.81M	34.494M	16.5M	36.401M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.15M	37.717M	38.83M	37.568M
5230MHz	Pass	Inf	48.07M	37.805M	47.96M	37.886M
5270MHz	Pass	Inf	39.38M	37.46M	39.38M	37.62M
5310MHz	Pass	Inf	39.05M	37.552M	38.83M	37.482M
5510MHz	Pass	Inf	39.05M	37.675M	39.16M	37.605M
5550MHz	Pass	Inf	39.16M	37.722M	39.6M	37.614M
5670MHz	Pass	Inf	39.16M	37.528M	38.94M	37.644M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.72M	33.552M	34.58M	33.679M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.02M	4.126M	4.08M	10.127M
5755MHz	Pass	500k	37.62M	37.936M	35.31M	38.602M
5795MHz	Pass	500k	37.84M	38.041M	37.73M	49.961M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	80.52M	76.891M	80.74M	76.55M
5290MHz	Pass	Inf	80.52M	76.516M	80.08M	76.009M
5530MHz	Pass	Inf	80.74M	76.513M	80.52M	77.025M



Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5610MHz	Pass	Inf	80.08M	76.669M	80.08M	76.071M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.675M	72.959M	75.15M	72.912M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.06M	8.281M	4.04M	5.533M
5775MHz	Pass	500k	75.24M	76.997M	62.7M	76.837M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.08M	77.272M	79.84M	77.166M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	79.84M	77.389M	80M	77.459M
5570MHz	Pass	Inf	161.48M	155.373M	161.92M	155.552M

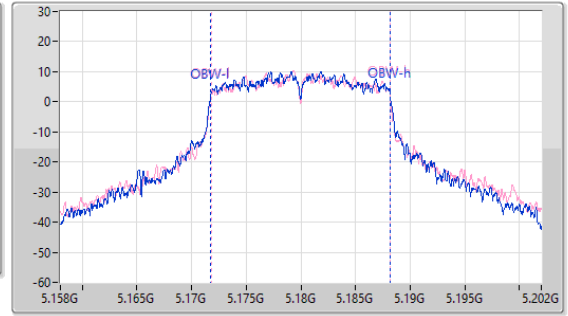
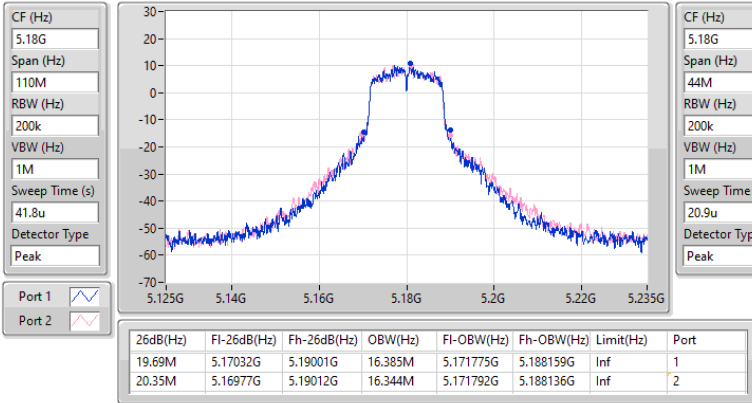
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band  
 Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

EBW

5180MHz

16/11/2023

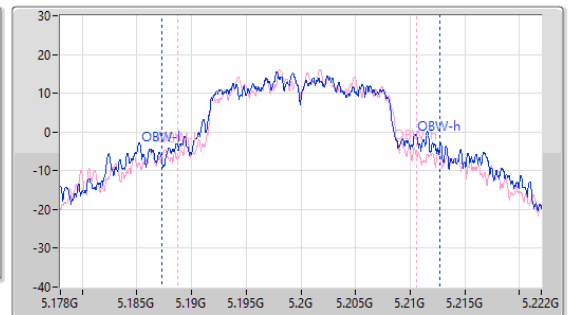
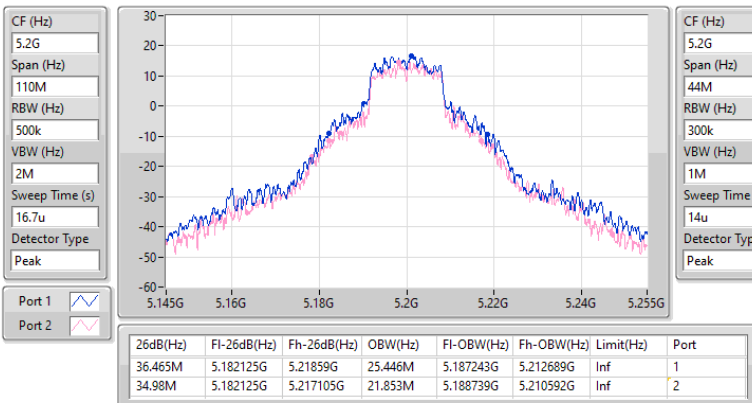


5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

EBW

5200MHz

16/11/2023

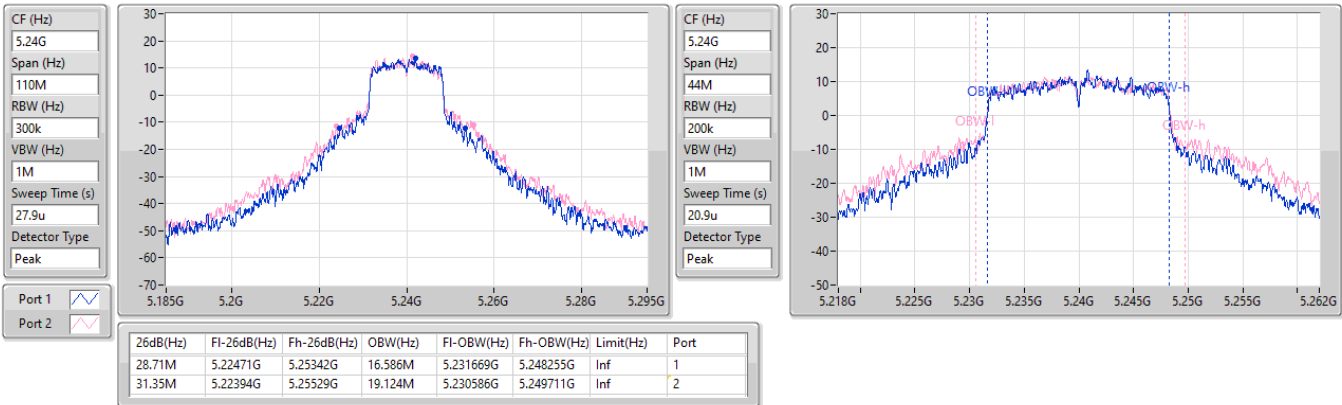


5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

EBW

5240MHz

16/11/2023

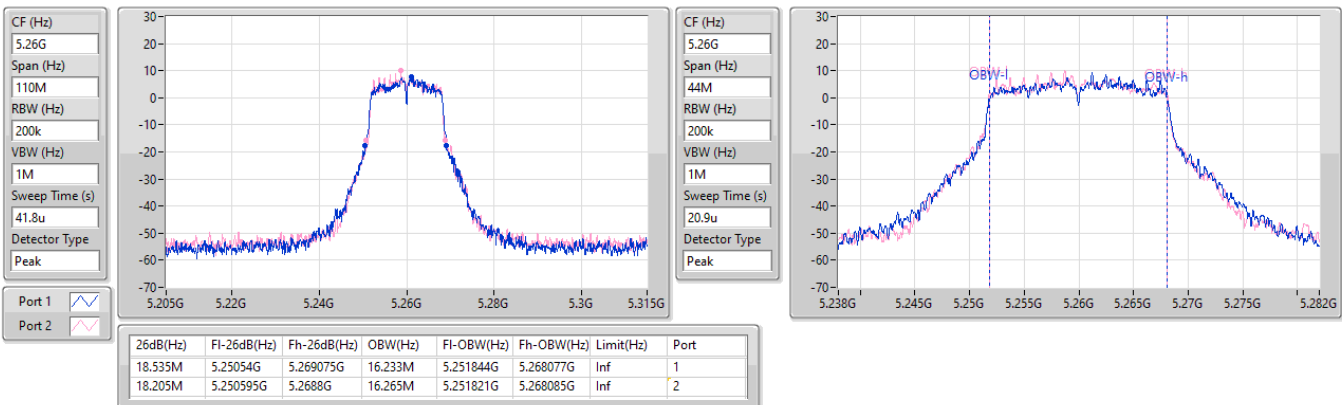


5.25-5.35GHz\_802.11a\_Nss1,(6Mbps)\_2TX

EBW

5260MHz

16/11/2023

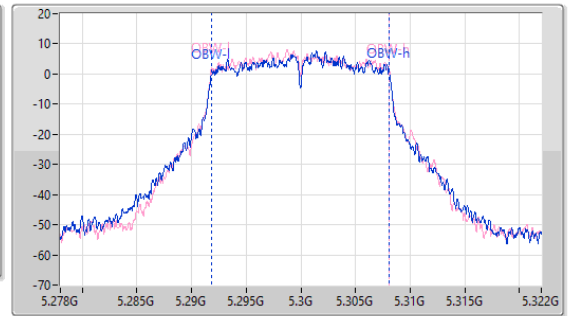
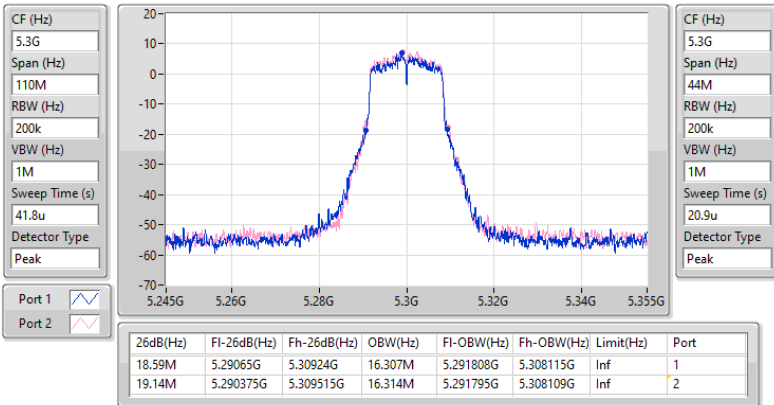


5.25-5.35GHz\_802.11a\_Nss1,(6Mbps)\_2TX

EBW

5300MHz

16/11/2023

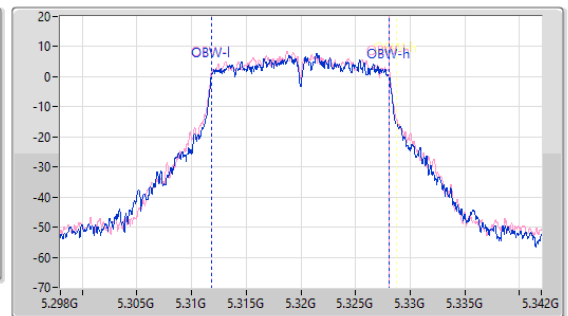
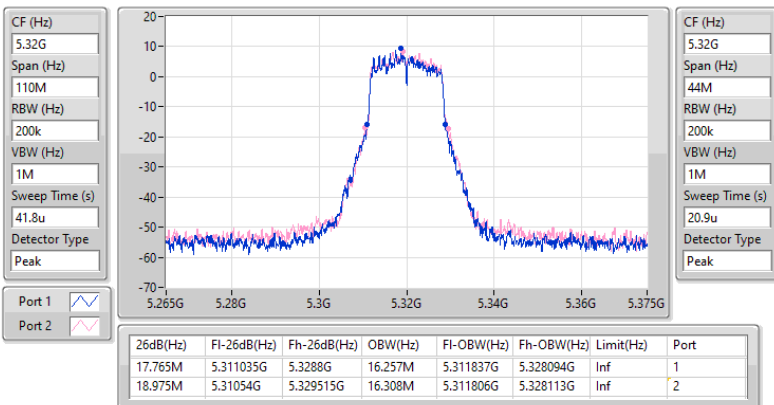


5.25-5.35GHz\_802.11a\_Nss1,(6Mbps)\_2TX

EBW

5320MHz

16/11/2023

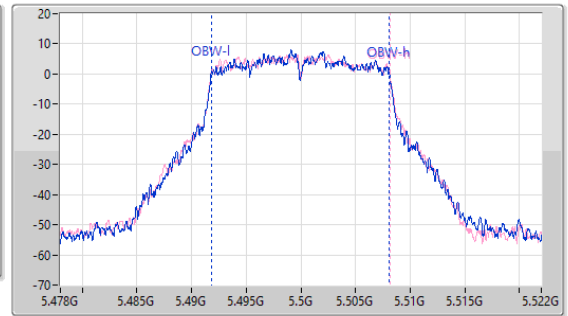
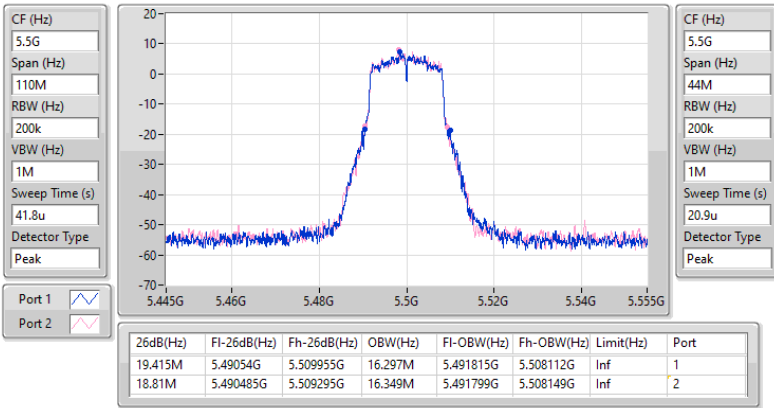


5.47-5.725GHz\_802.11a\_Nss1,(6Mbps)\_2TX

EBW

5500MHz

16/11/2023

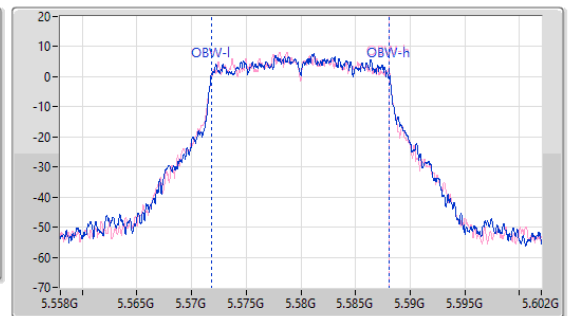
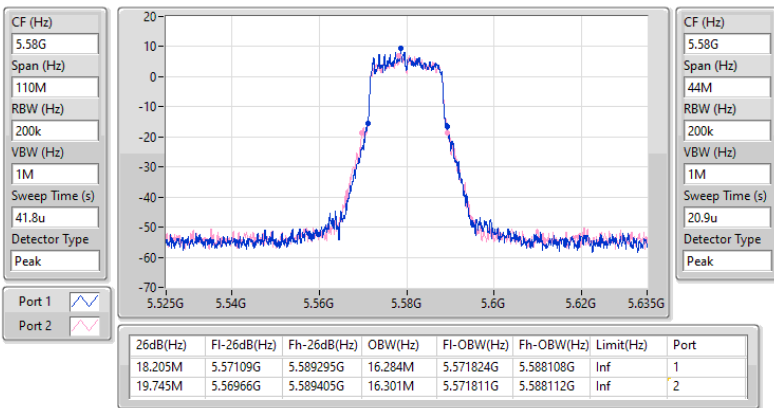


5.47-5.725GHz\_802.11a\_Nss1,(6Mbps)\_2TX

EBW

5580MHz

16/11/2023



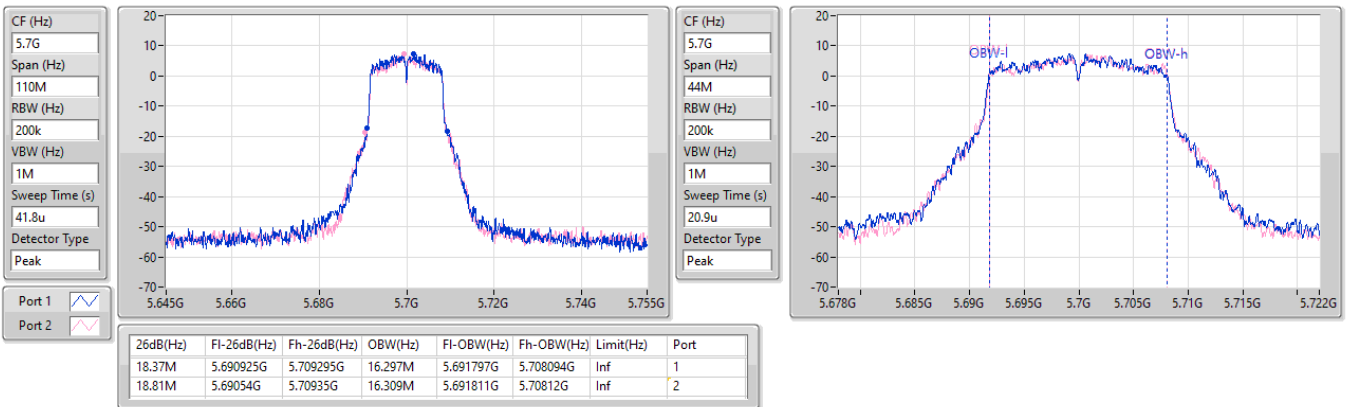


5.47-5.725GHz\_802.11a\_Nss1,(6Mbps)\_2TX

EBW

5700MHz

16/11/2023

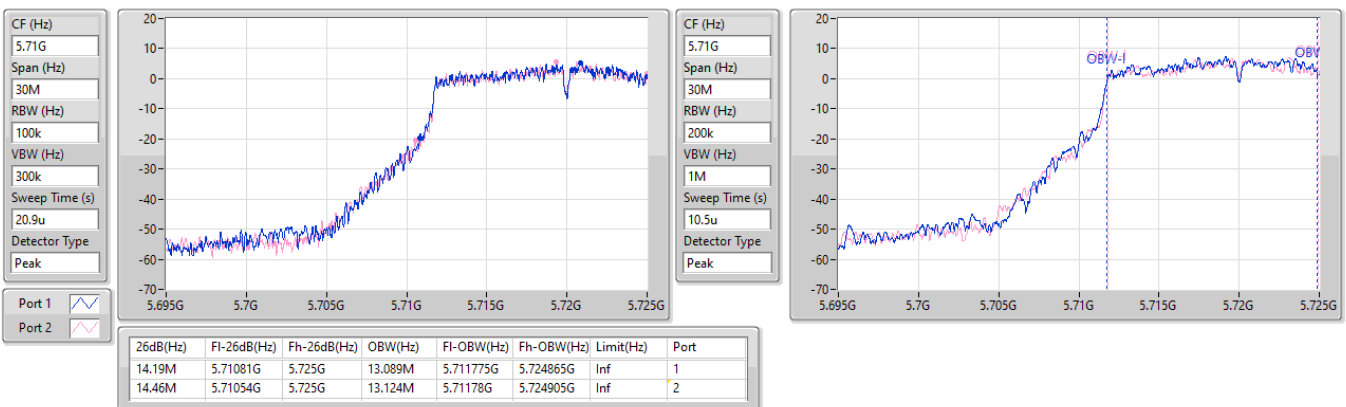


5.47-5.725GHz\_802.11a\_Nss1,(6Mbps)\_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

20/11/2023

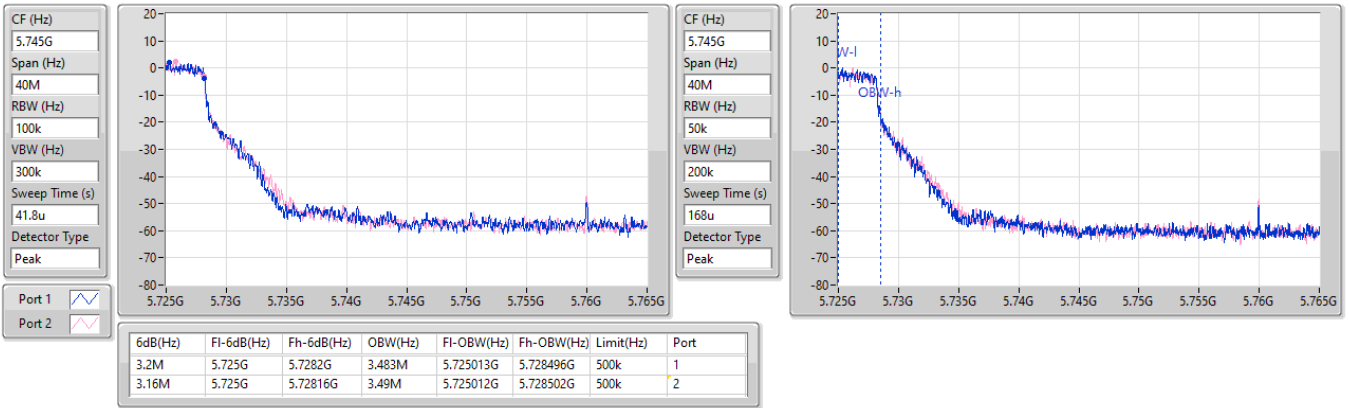


5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

20/11/2023

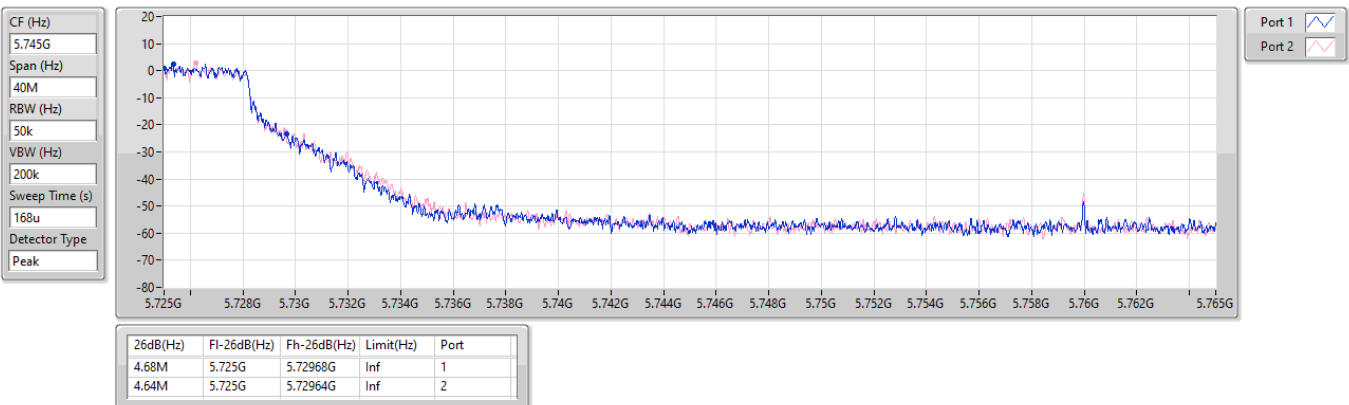


5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

20/11/2023

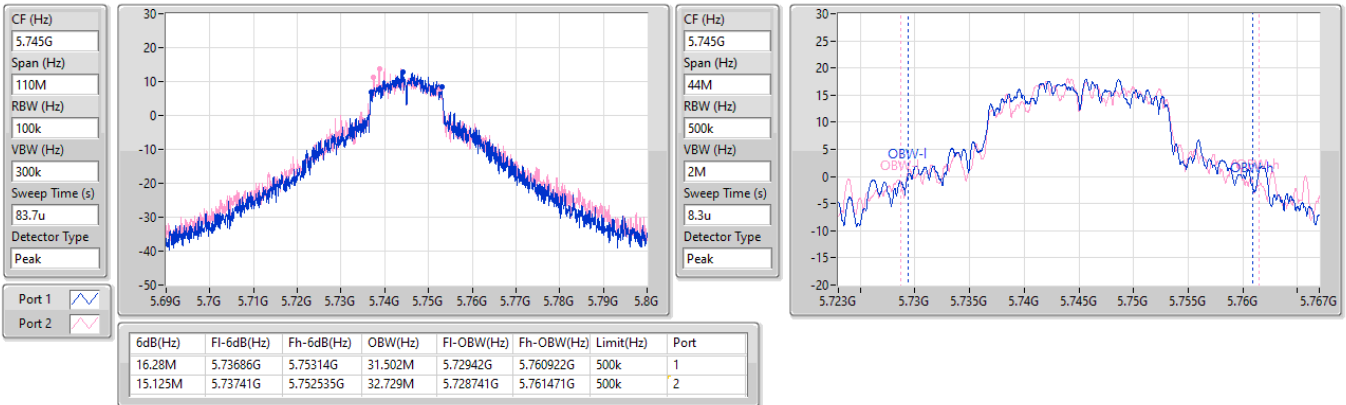


5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

EBW

5745MHz

16/11/2023

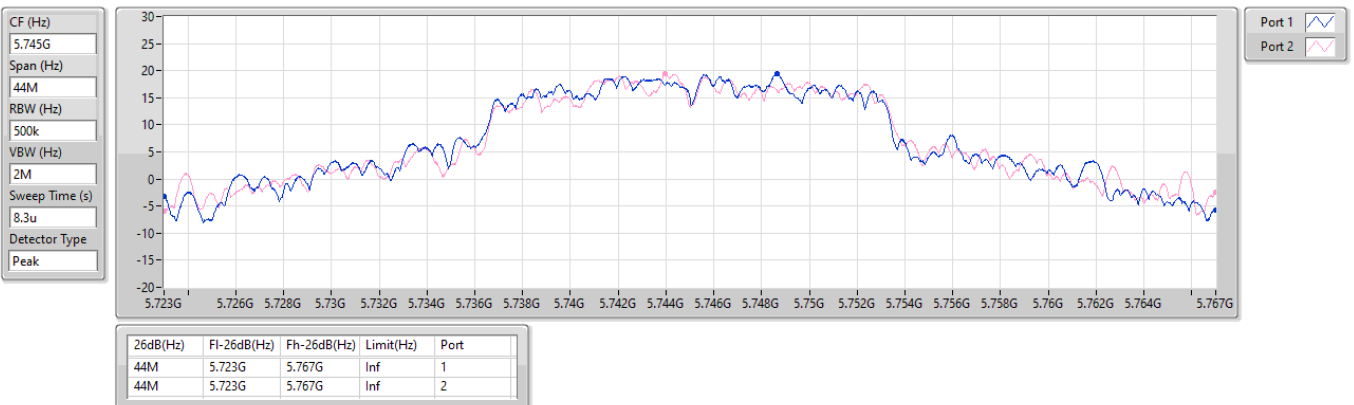


5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

EBW

5745MHz

16/11/2023

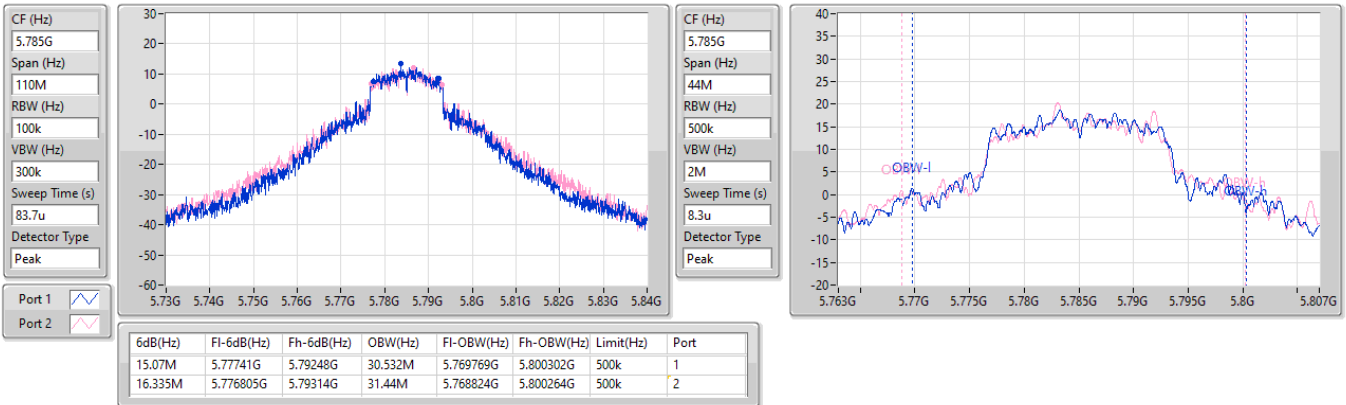


5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

EBW

5785MHz

16/11/2023

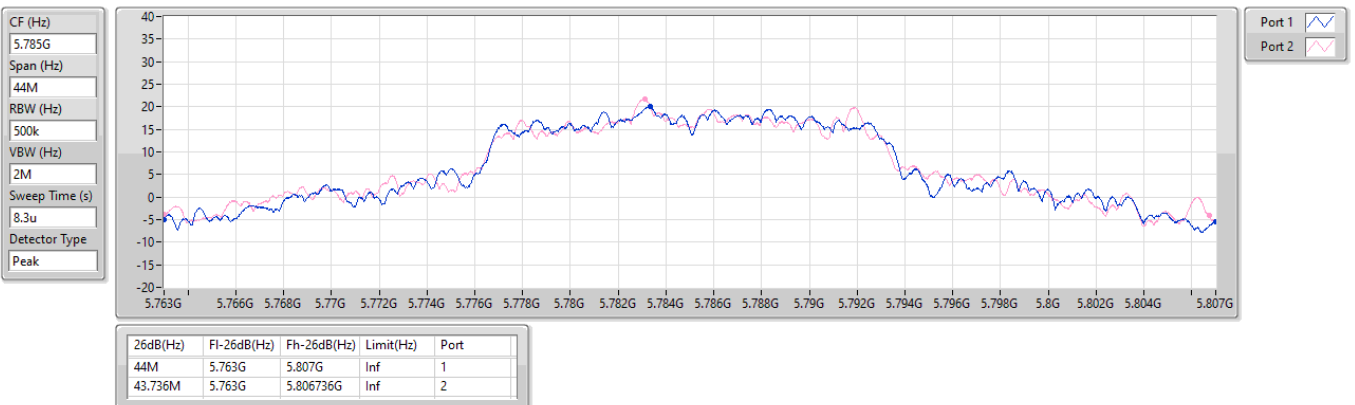


5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

EBW

5785MHz

16/11/2023

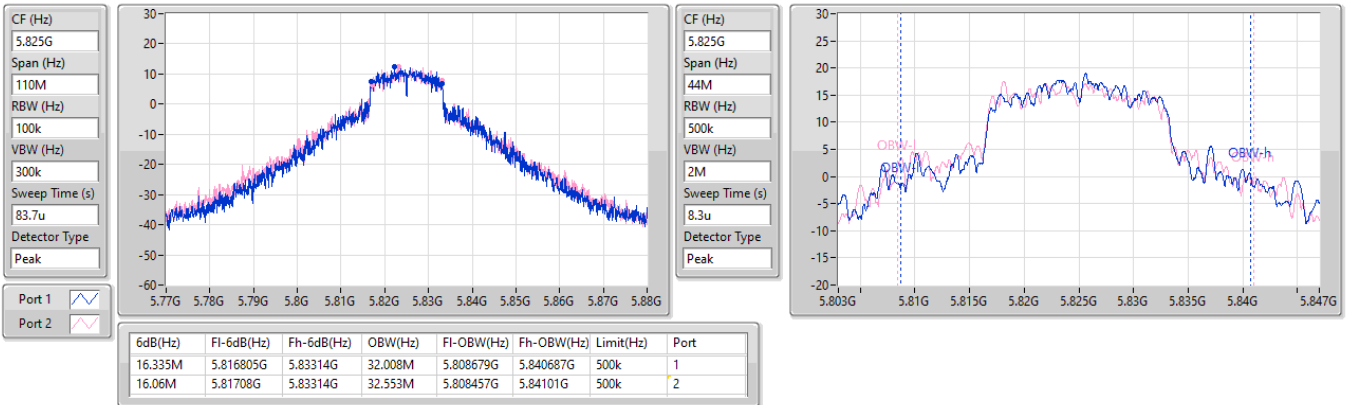


5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

EBW

5825MHz

16/11/2023

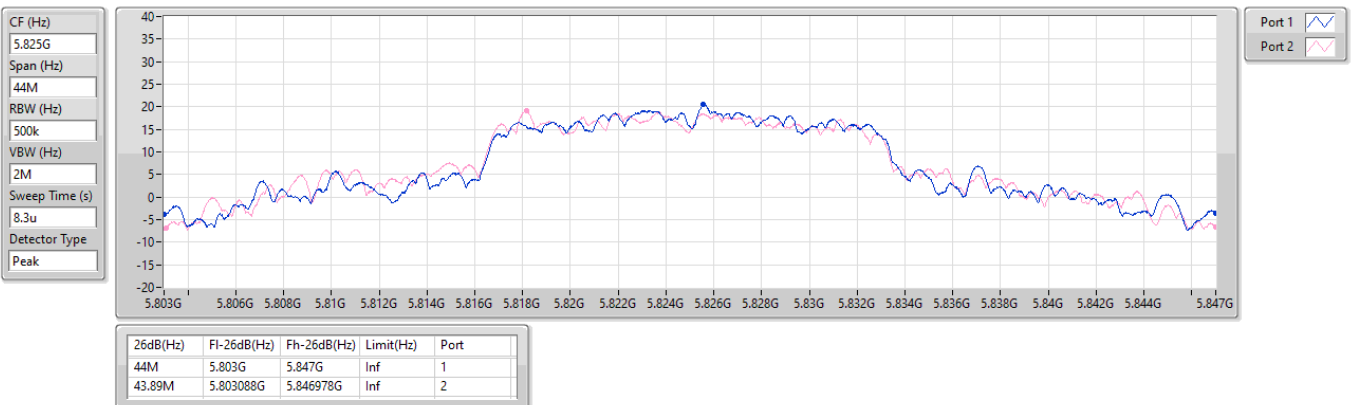


5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

EBW

5825MHz

16/11/2023

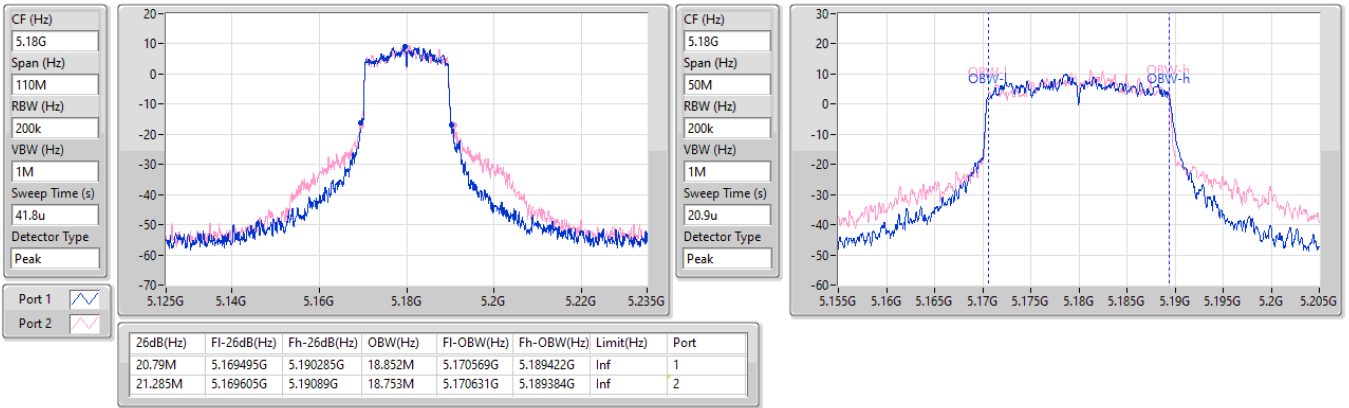


5.15-5.25GHz\_802.11ax\_HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

5180MHz

16/11/2023

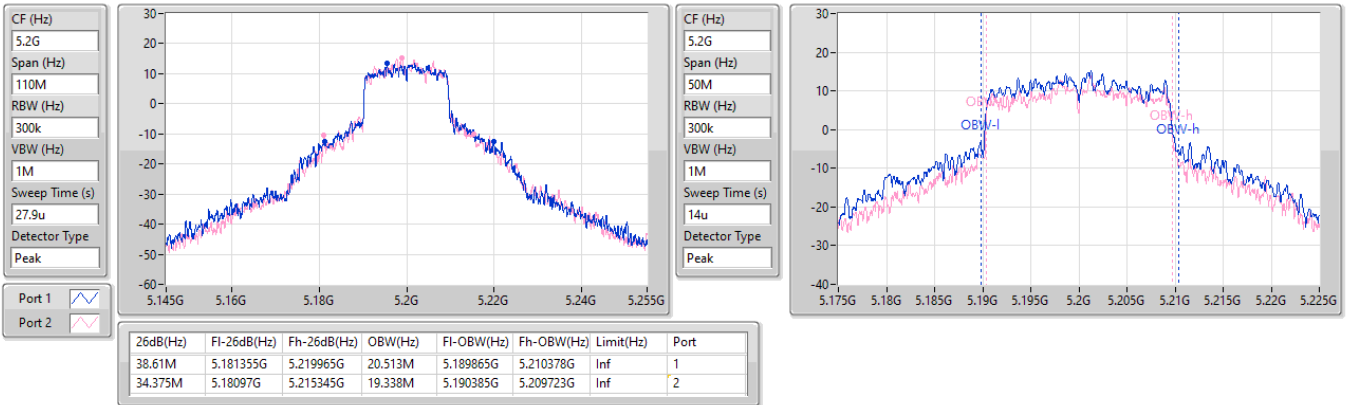


5.15-5.25GHz\_802.11ax\_HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

5200MHz

16/11/2023

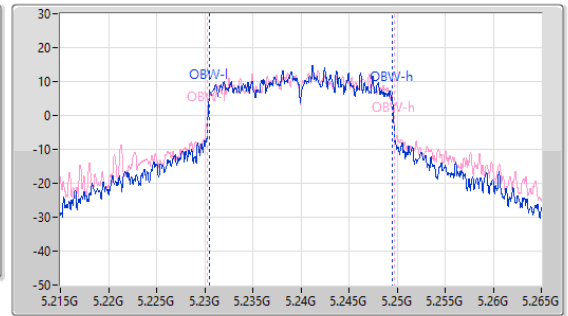
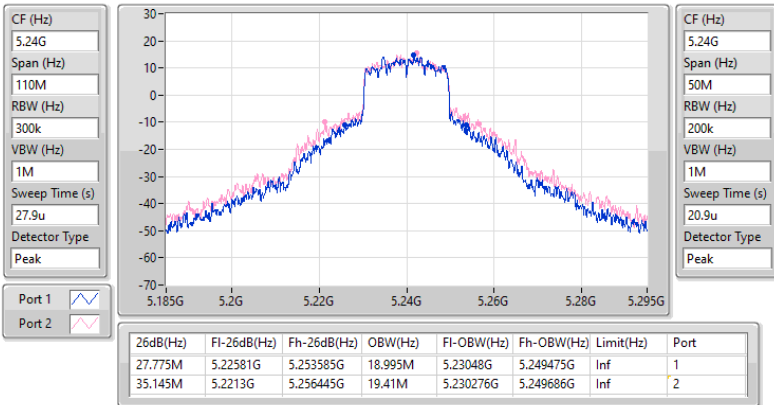


5.15-5.25GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

5240MHz

16/11/2023

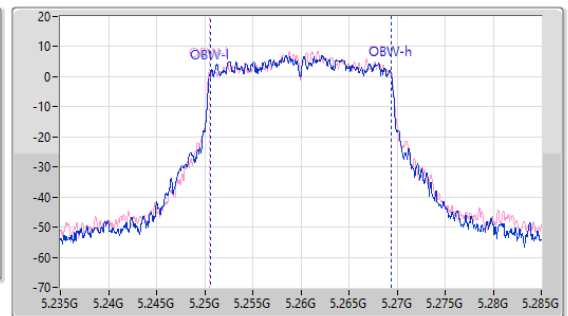
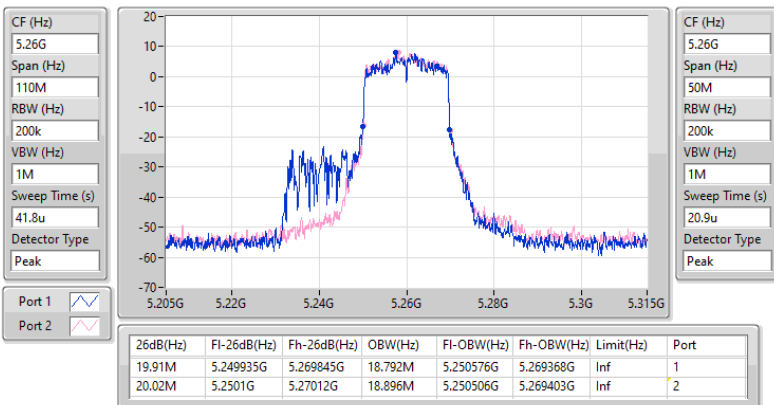


5.25-5.35GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

5260MHz

16/11/2023

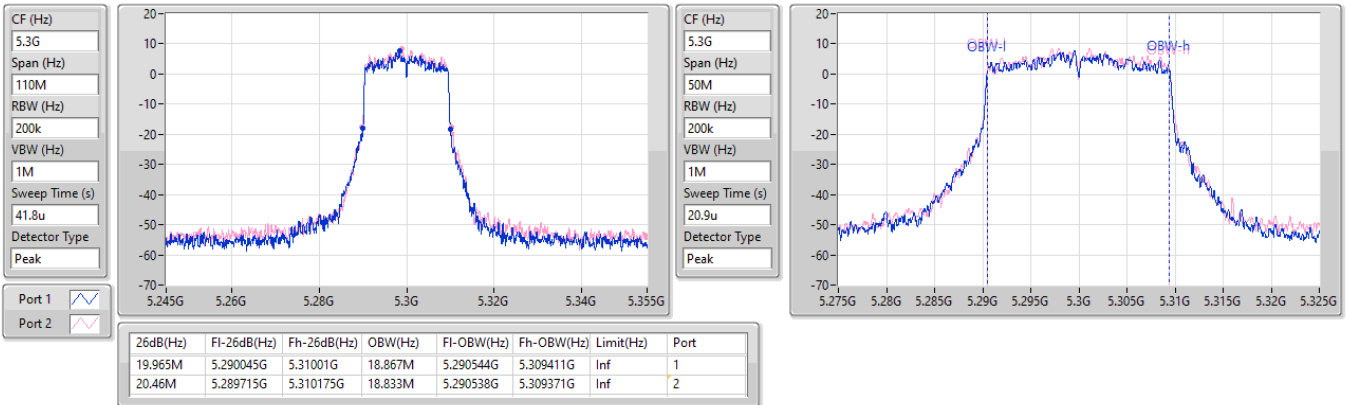


5.25-5.35GHz\_802.11ax\_HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

5300MHz

16/11/2023

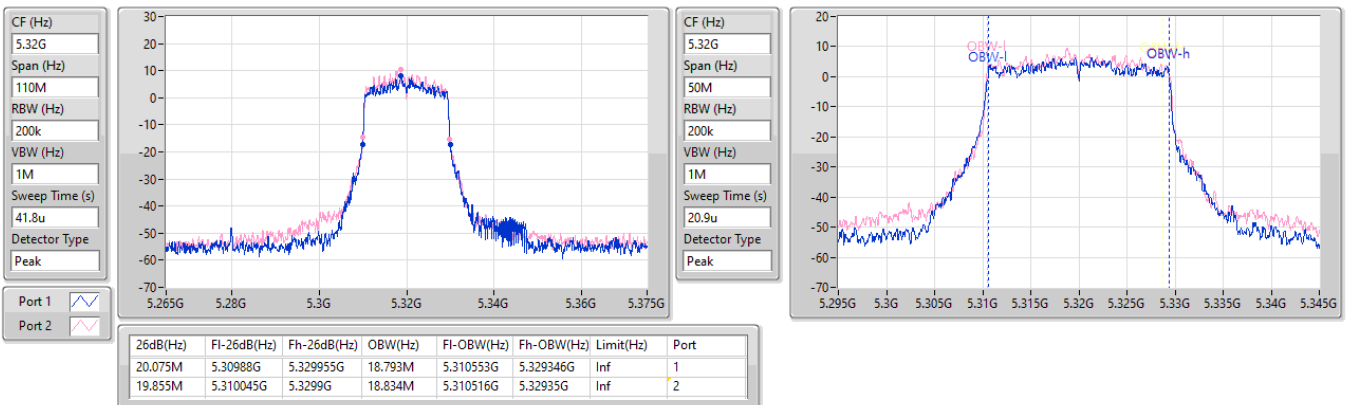


5.25-5.35GHz\_802.11ax\_HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

5320MHz

16/11/2023



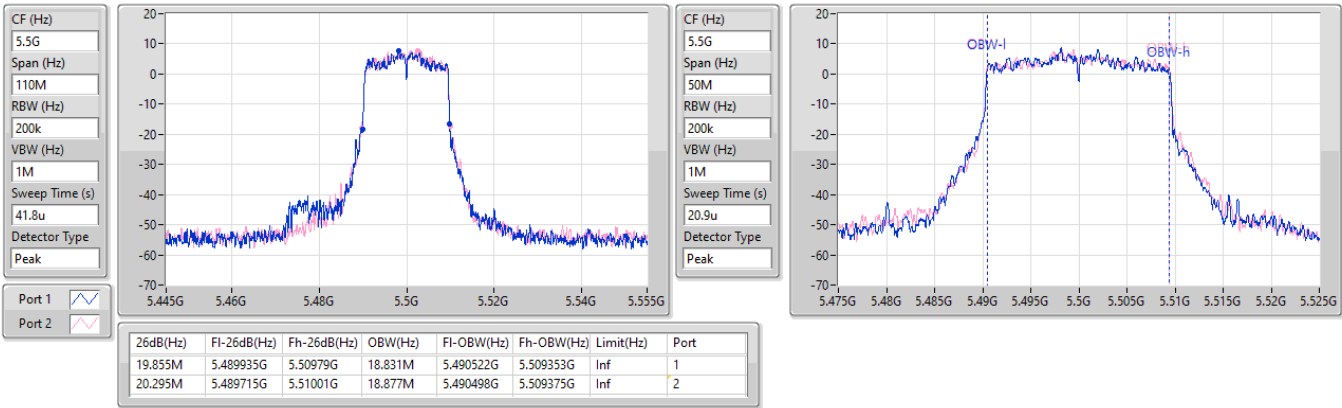


5.47-5.725GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

5500MHz

16/11/2023

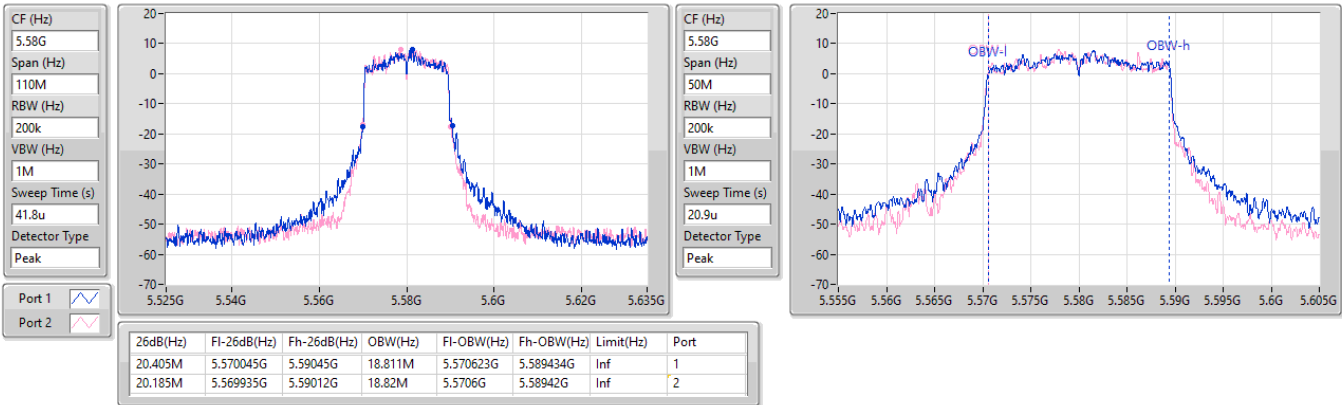


5.47-5.725GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

5580MHz

16/11/2023

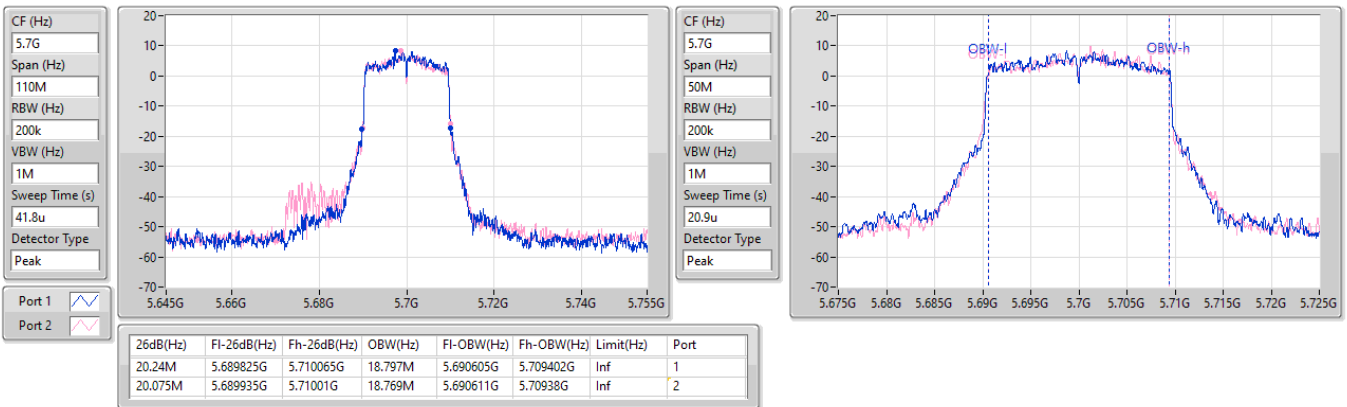


5.47-5.725GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

5700MHz

16/11/2023

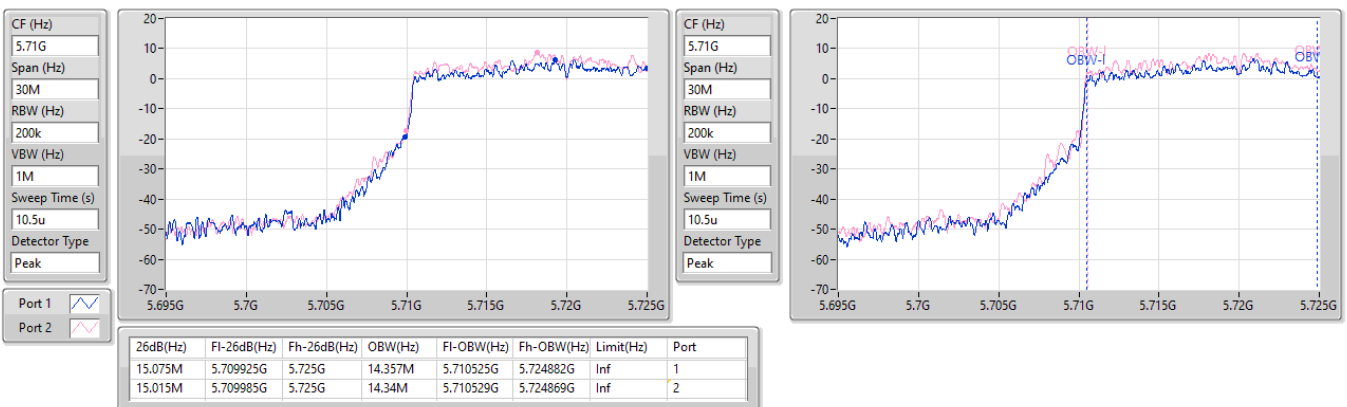


5.47-5.725GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

20/11/2023

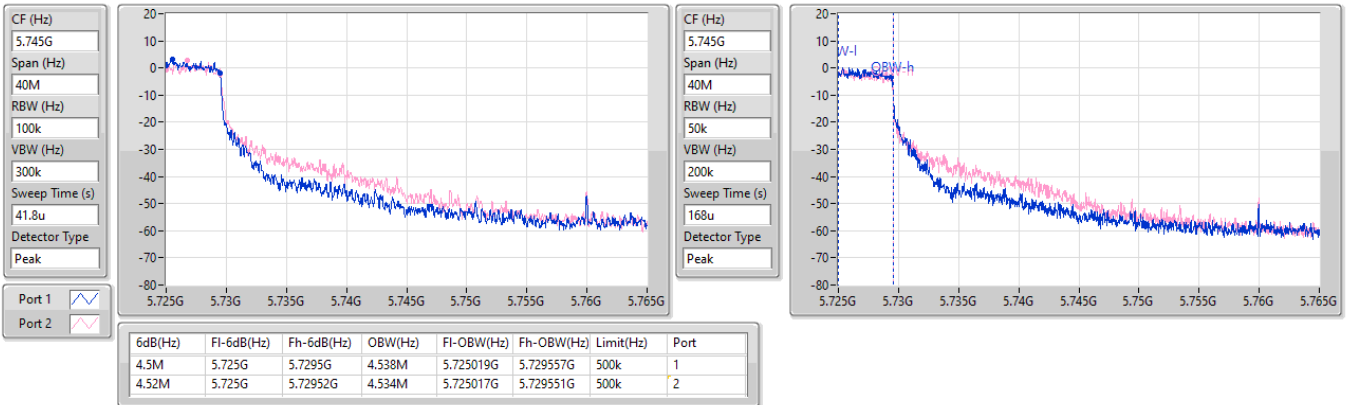


5.725-5.85GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

20/11/2023

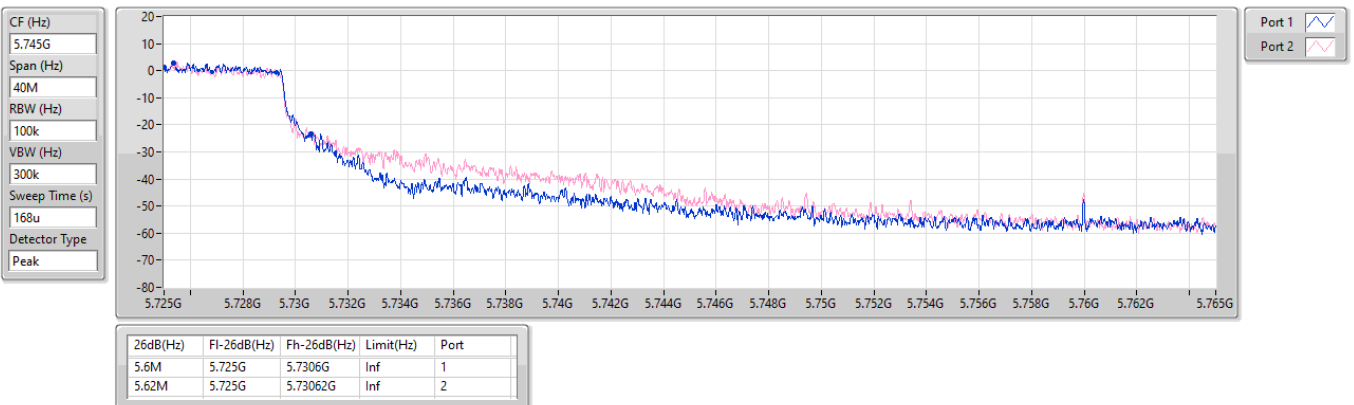


5.725-5.85GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

20/11/2023

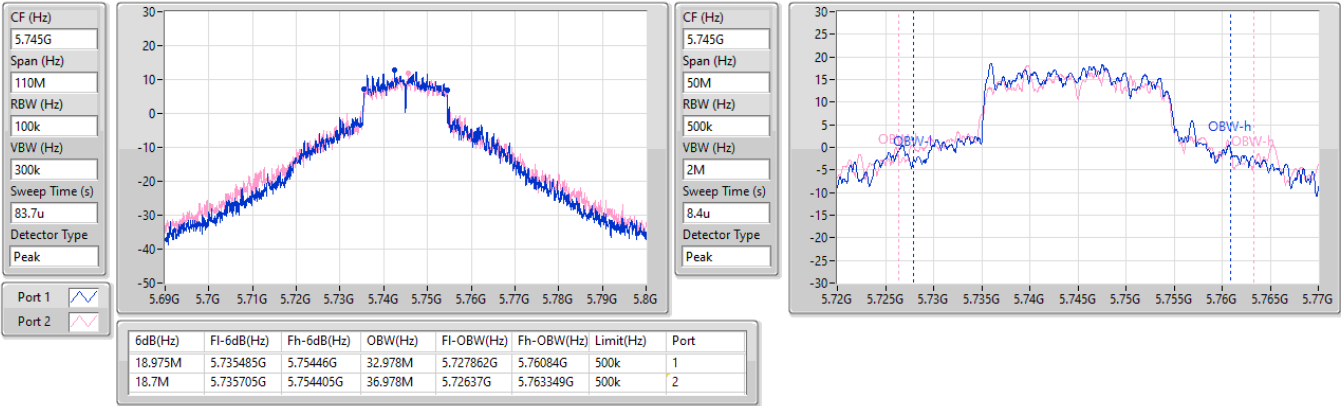


5.725-5.85GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

5745MHz

16/11/2023

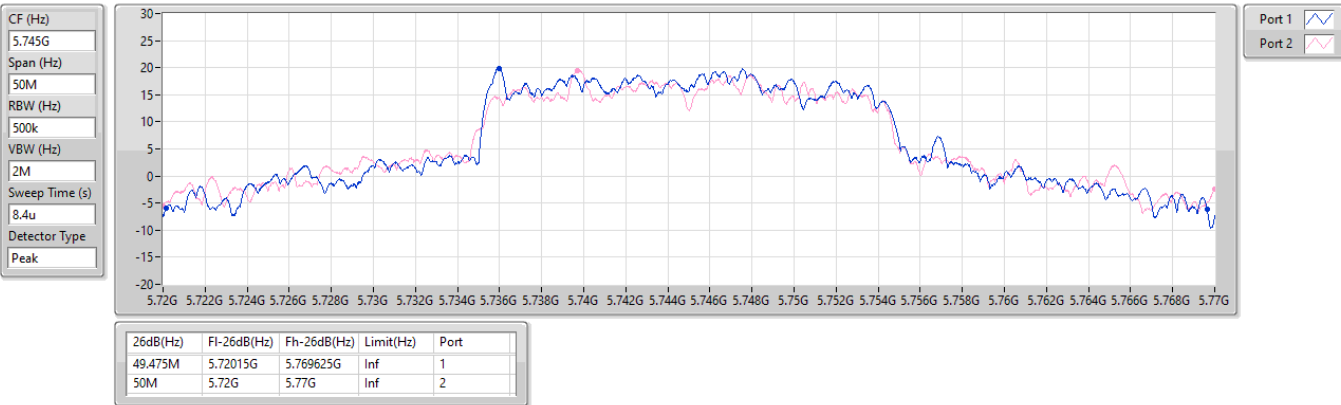


5.725-5.85GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

5745MHz

16/11/2023

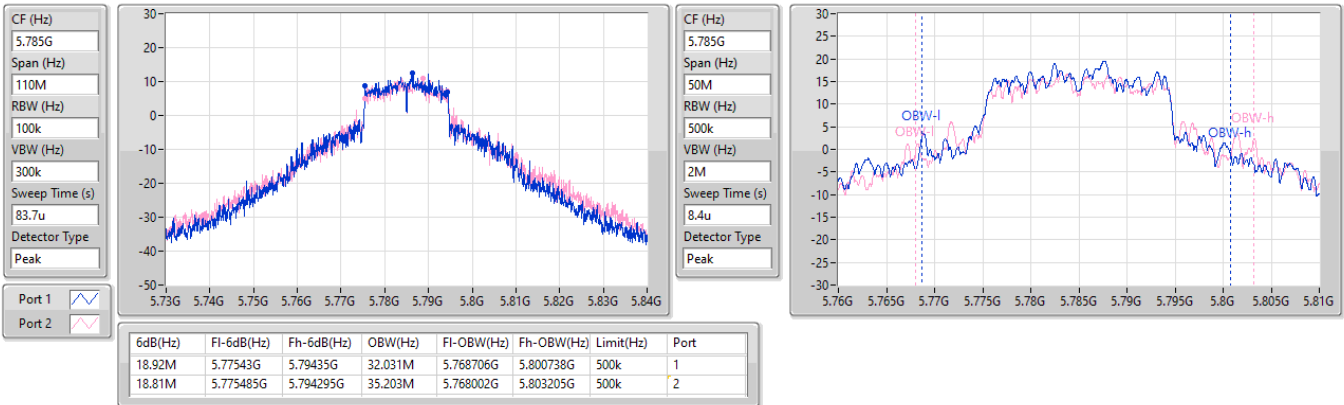


5.725-5.85GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

5785MHz

16/11/2023

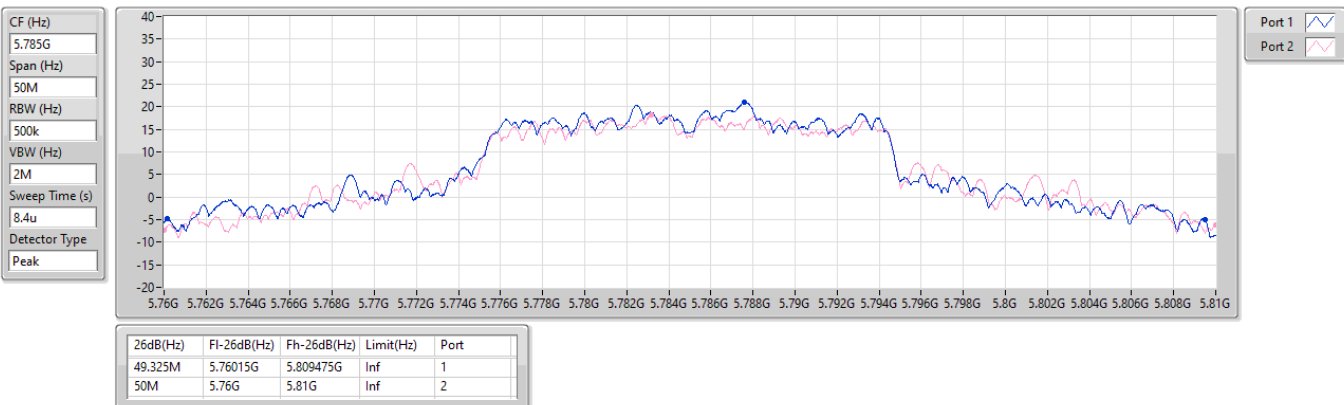


5.725-5.85GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

5785MHz

16/11/2023

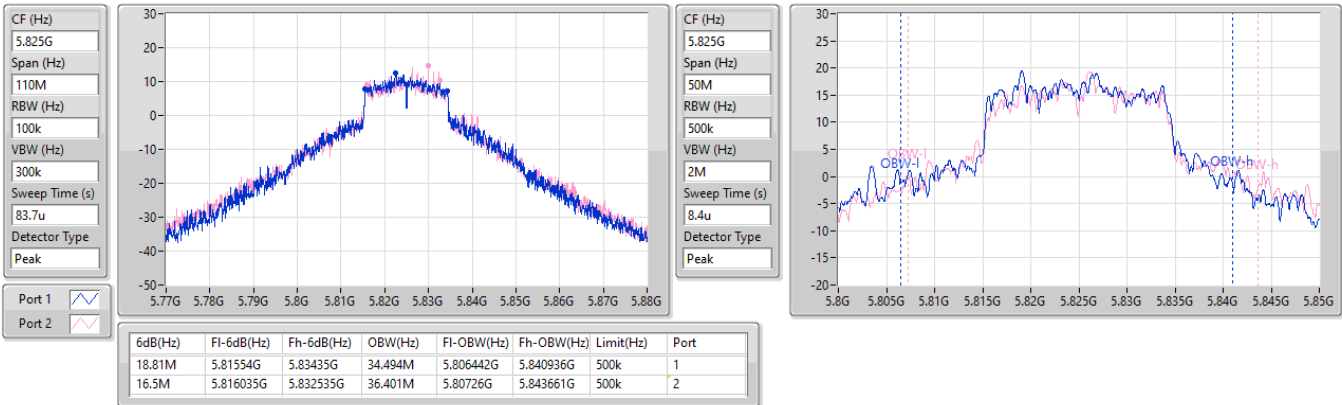


5.725-5.85GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

5825MHz

16/11/2023

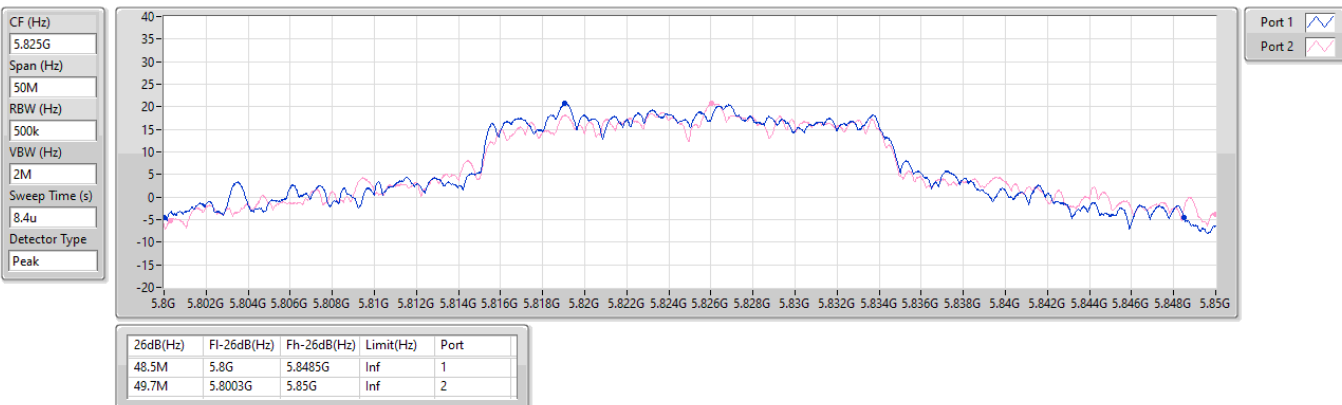


5.725-5.85GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

5825MHz

16/11/2023

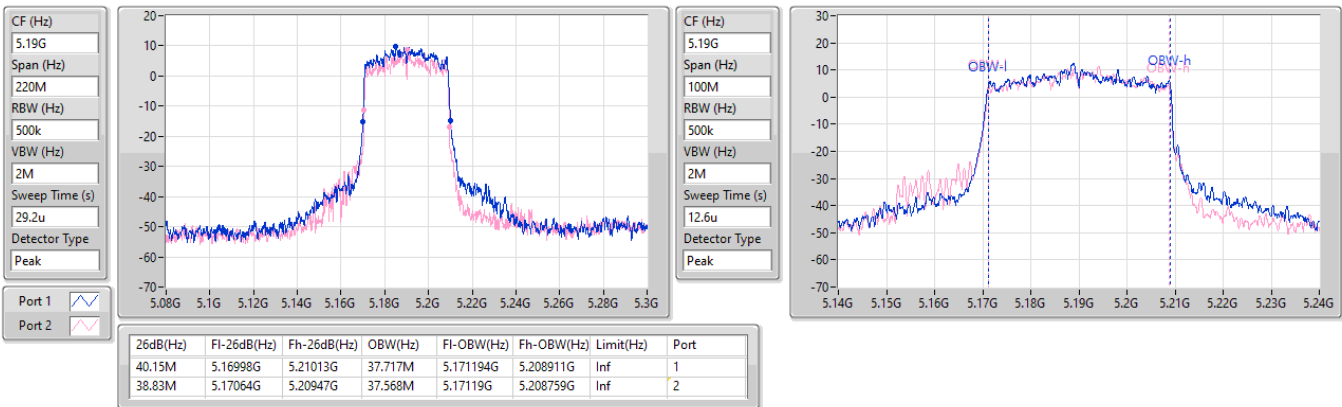


5.15-5.25GHz\_802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

5190MHz

16/11/2023

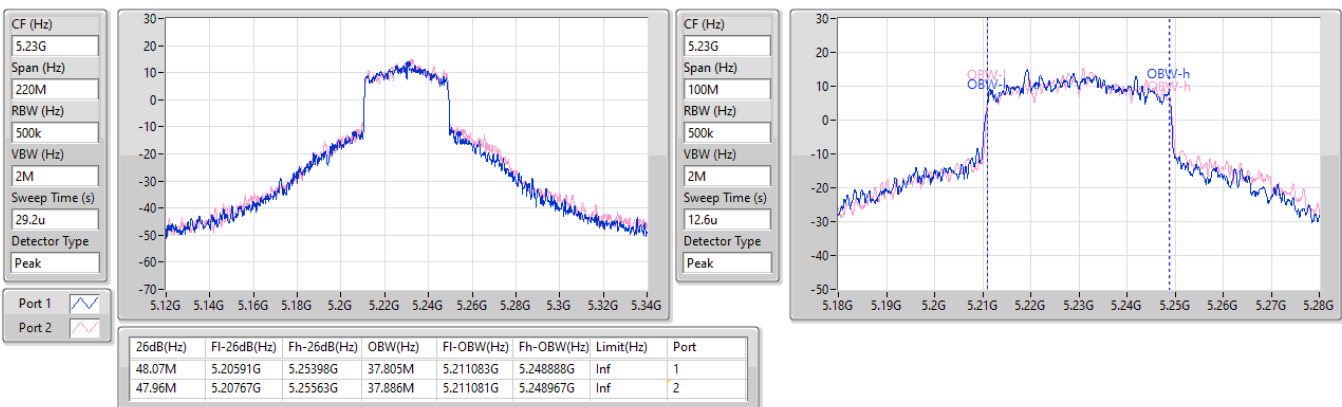


5.15-5.25GHz\_802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

5230MHz

16/11/2023

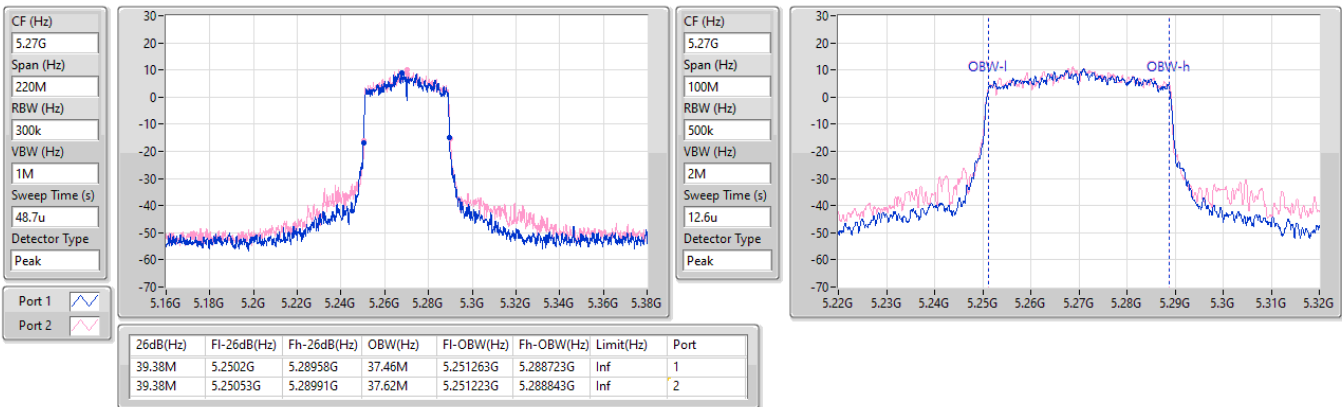


5.25-5.35GHz\_802.11ax\_HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

5270MHz

16/11/2023

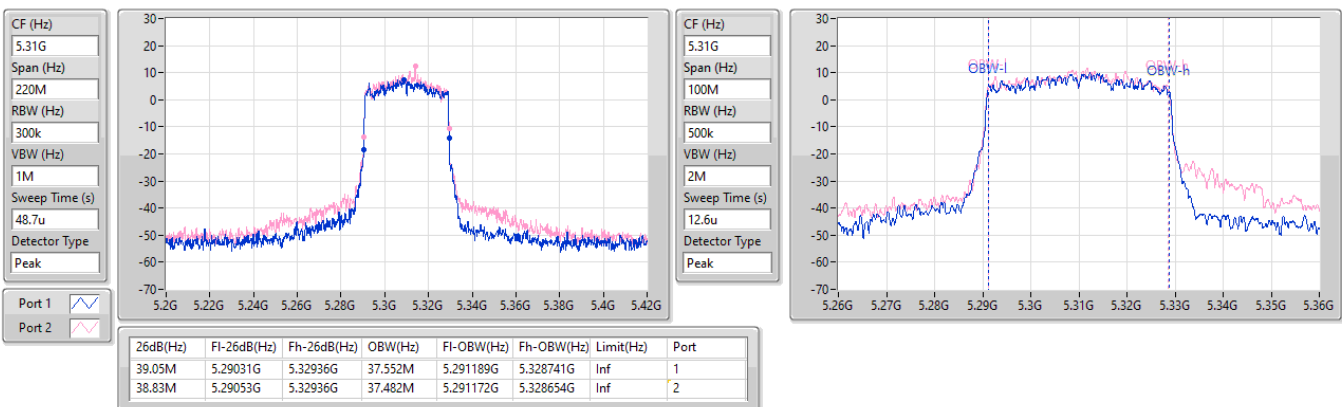


5.25-5.35GHz\_802.11ax\_HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

5310MHz

16/11/2023



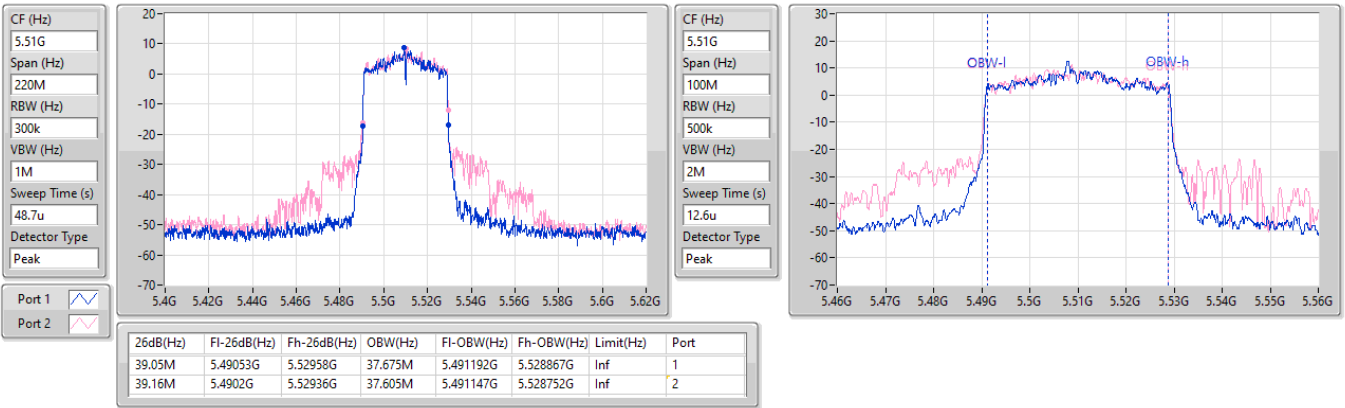


5.47-5.725GHz\_802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

5510MHz

16/11/2023

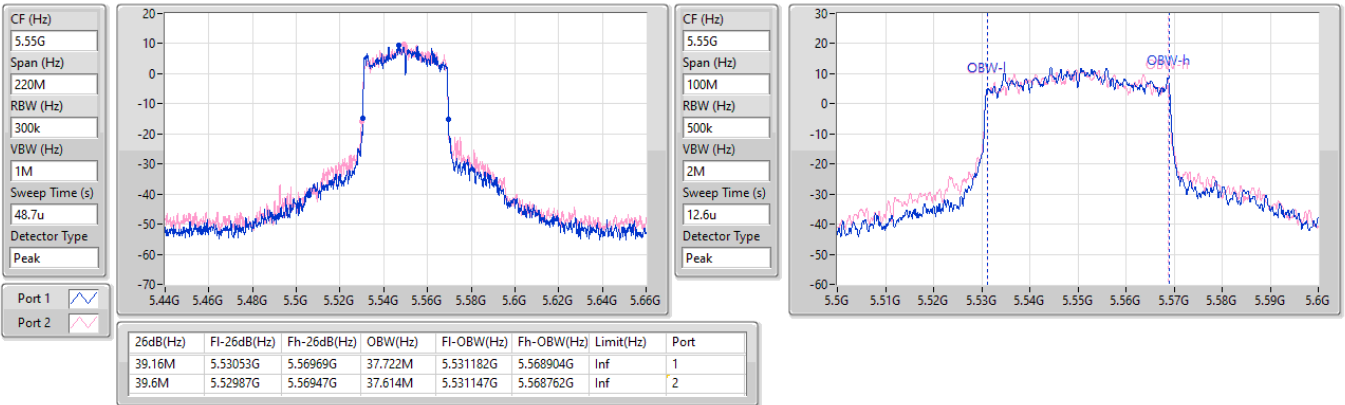


5.47-5.725GHz\_802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

5550MHz

16/11/2023

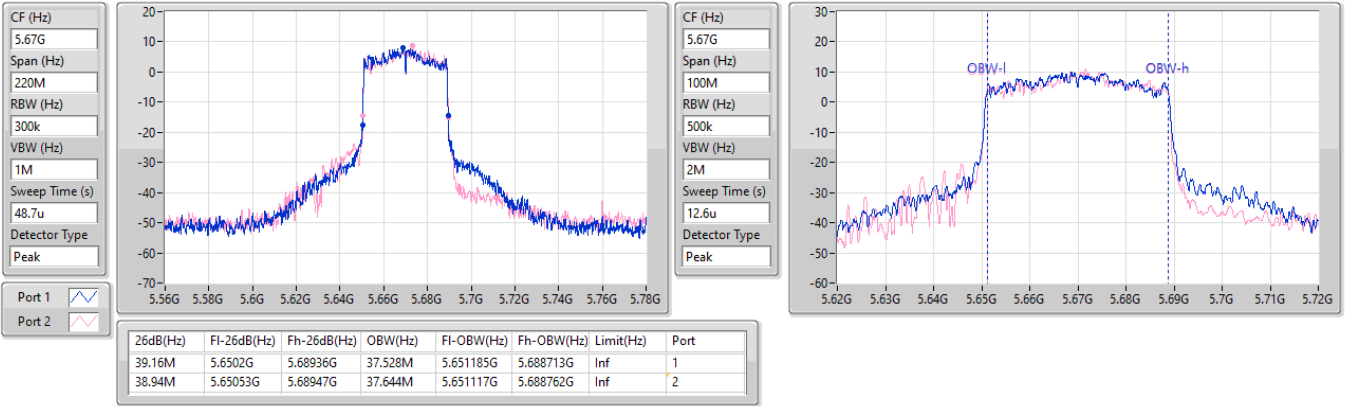


5.47-5.725GHz\_802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

5670MHz

16/11/2023

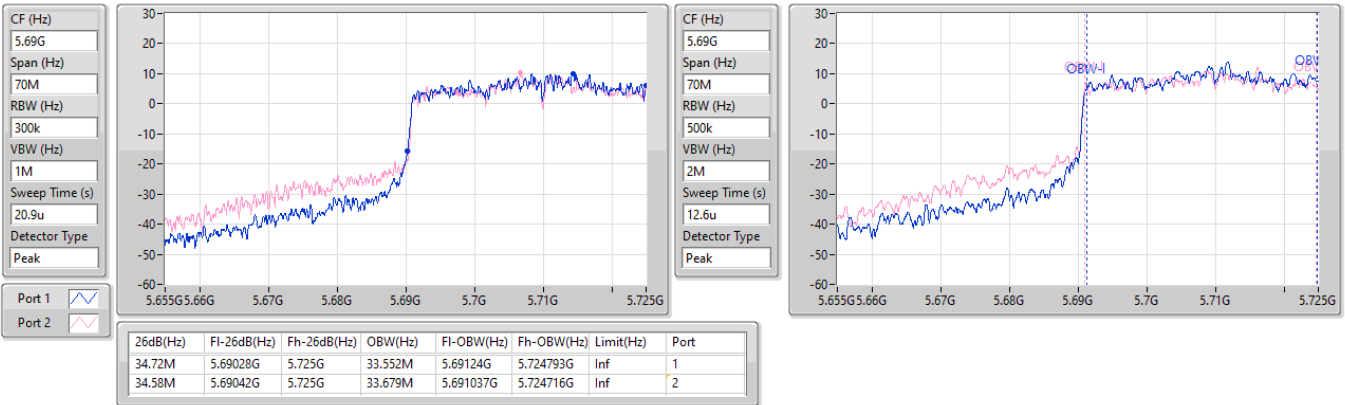


5.47-5.725GHz\_802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

20/11/2023

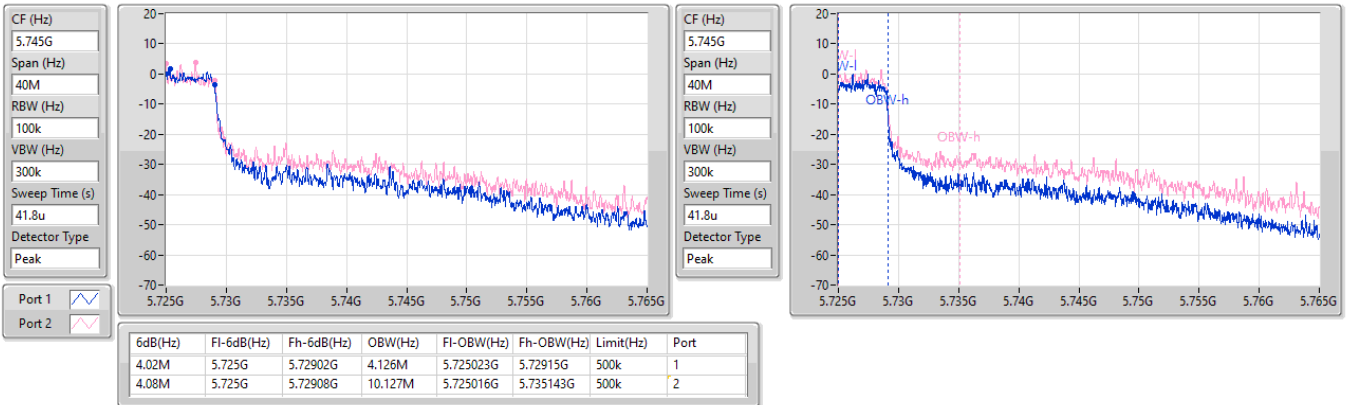


5.725-5.85GHz\_802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

20/11/2023

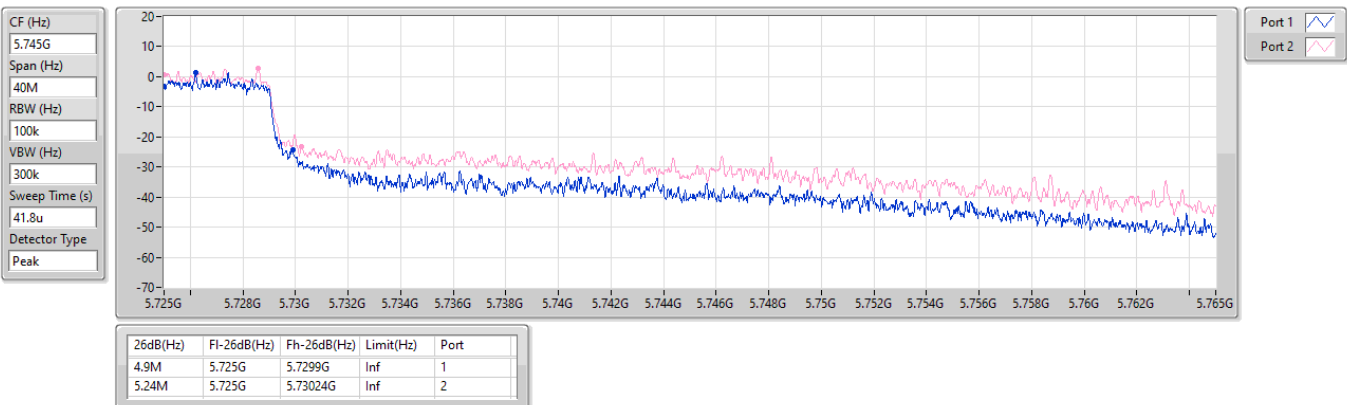


5.725-5.85GHz\_802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

20/11/2023

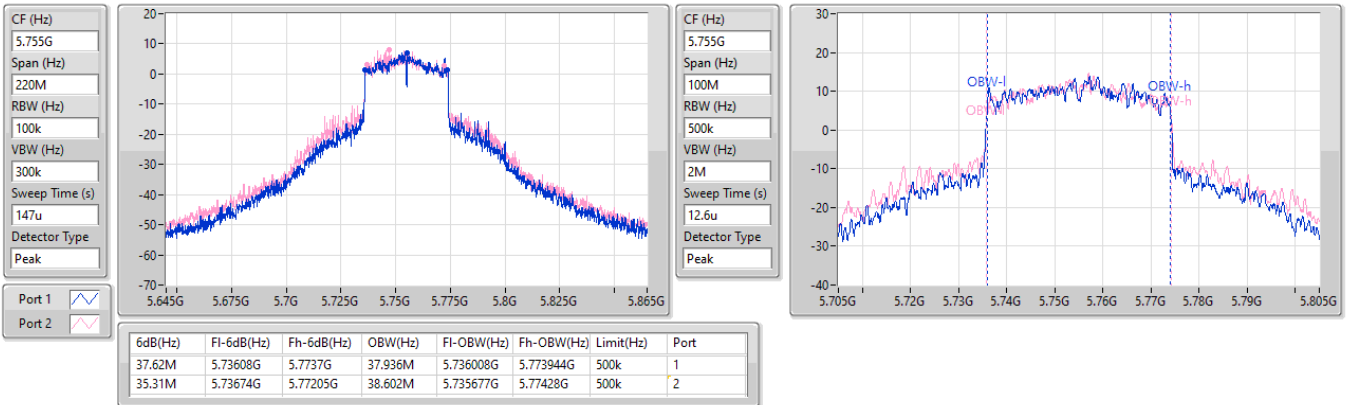


5.725-5.85GHz\_802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

5755MHz

16/11/2023

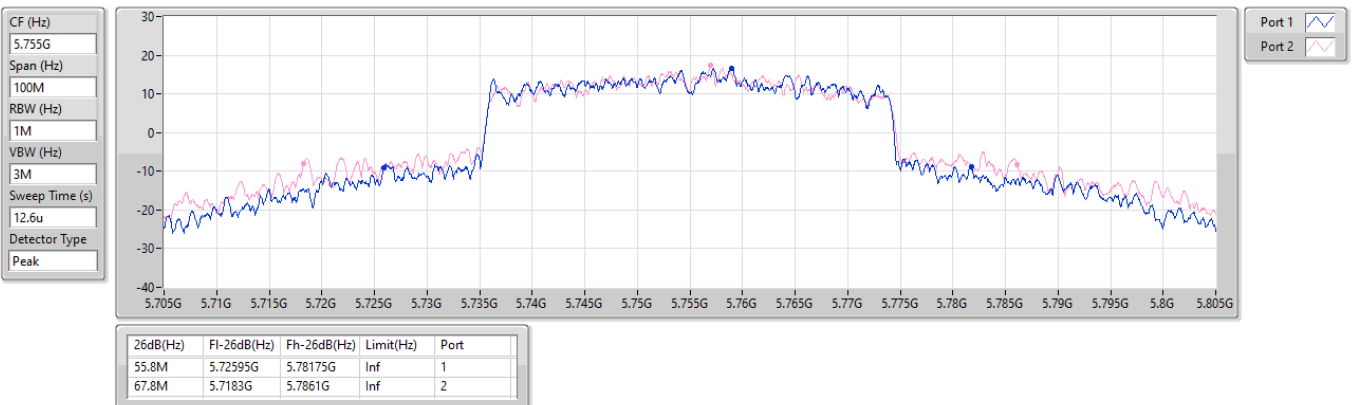


5.725-5.85GHz\_802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

5755MHz

16/11/2023

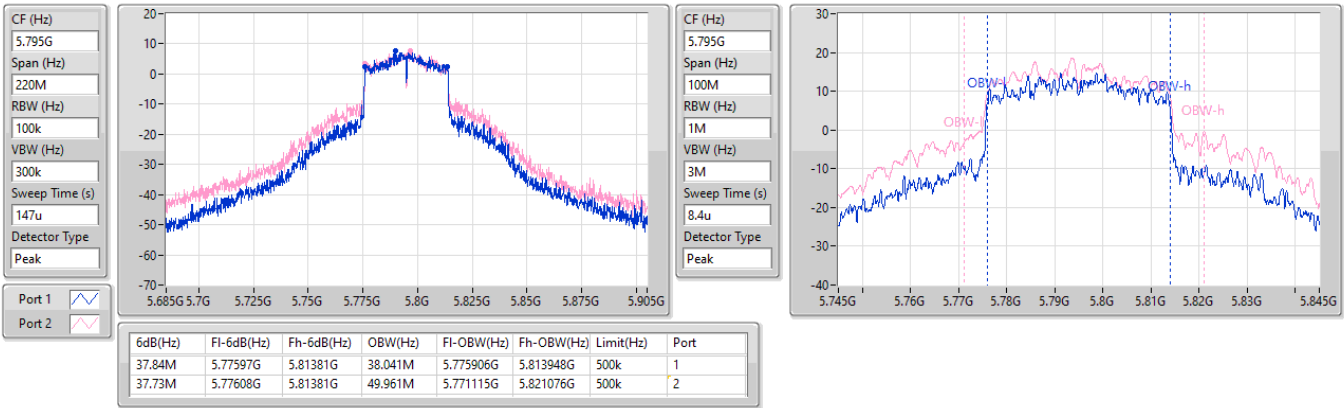


5.725-5.85GHz\_802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

5795MHz

16/11/2023

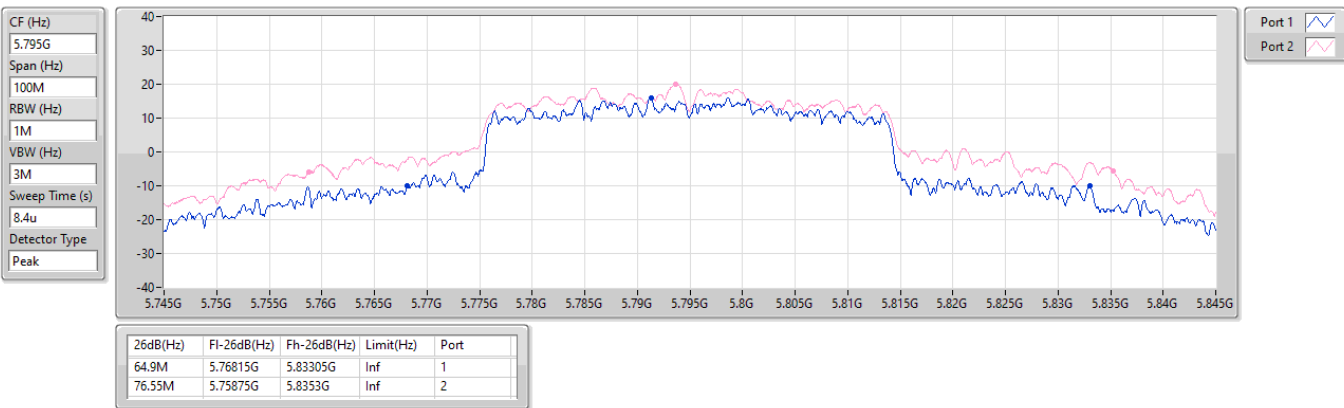


5.725-5.85GHz\_802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

5795MHz

16/11/2023

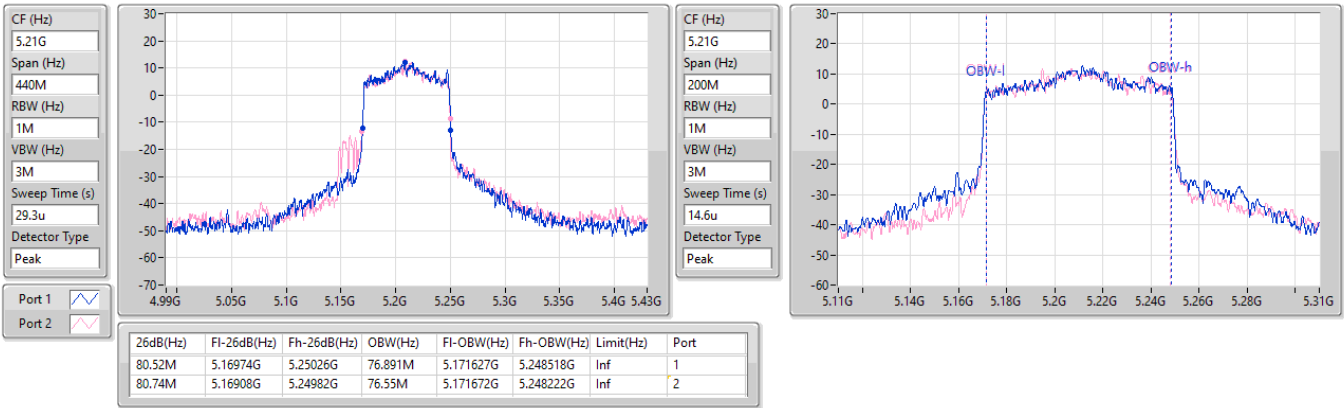


5.15-5.25GHz\_802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

5210MHz

16/11/2023

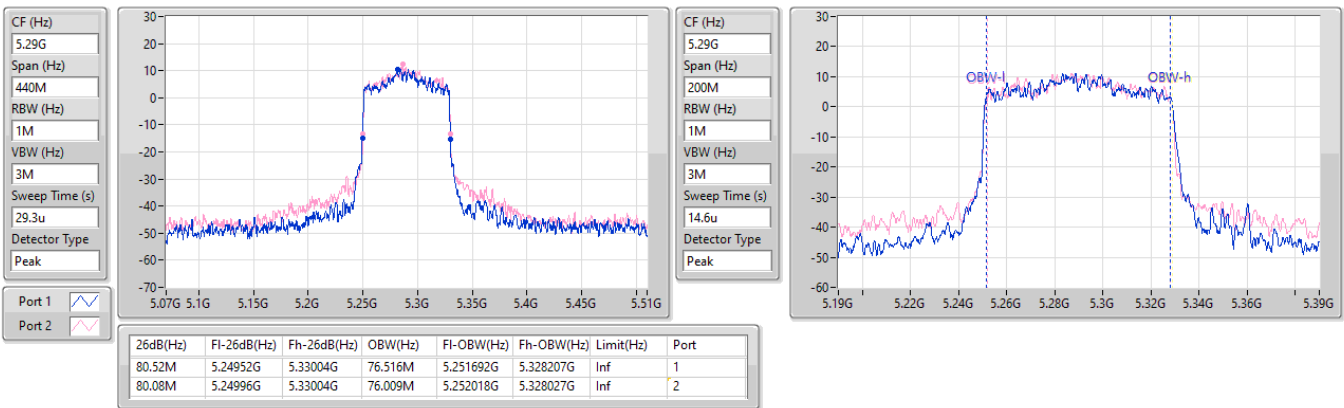


5.25-5.35GHz\_802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

5290MHz

16/11/2023

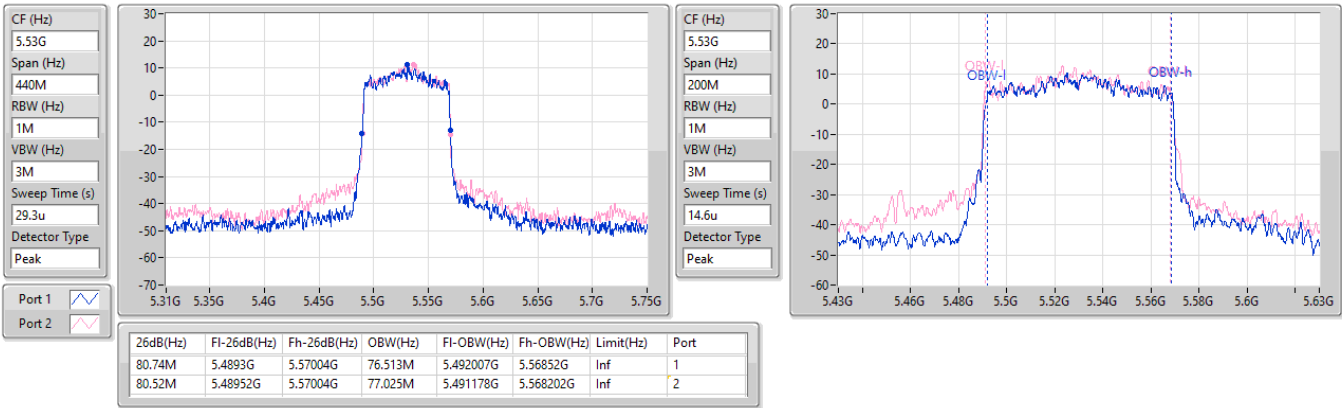


5.47-5.725GHz\_802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

5530MHz

16/11/2023

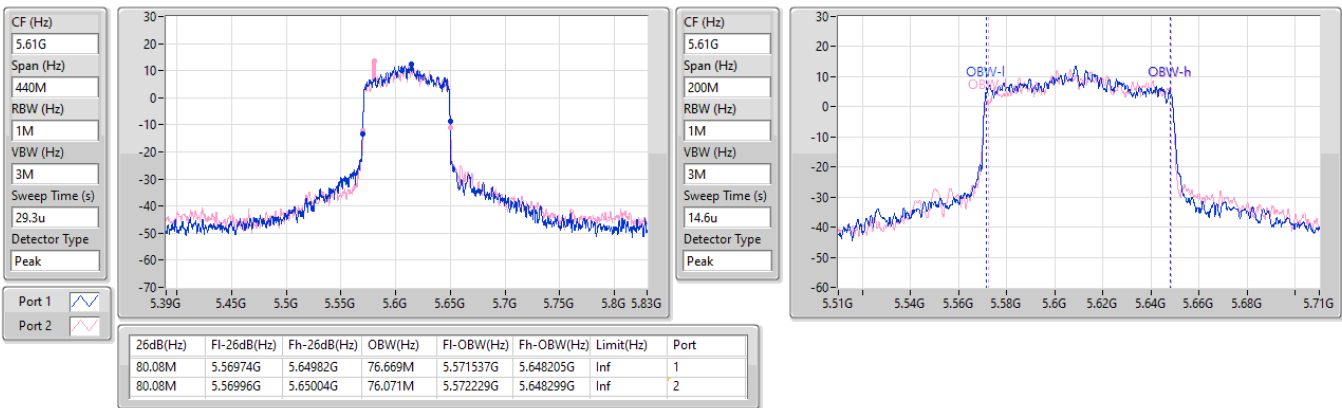


5.47-5.725GHz\_802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

5610MHz

16/11/2023

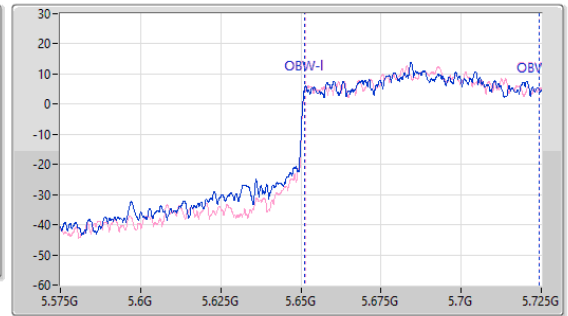
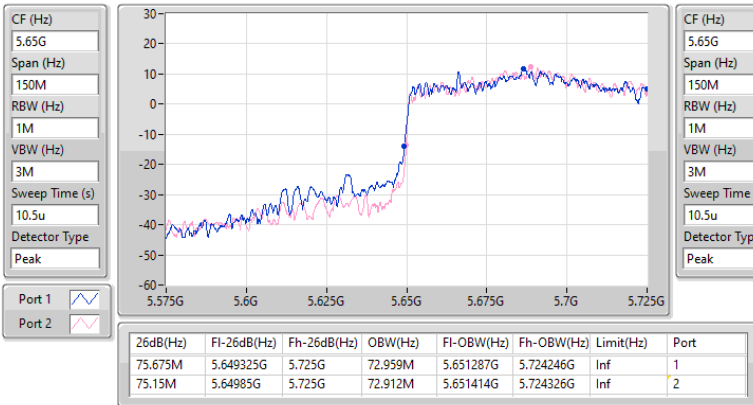


5.47-5.725GHz\_802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

20/11/2023

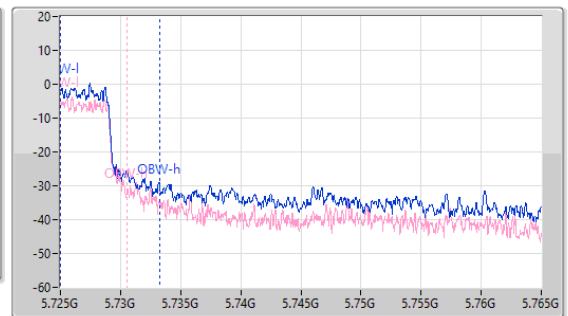
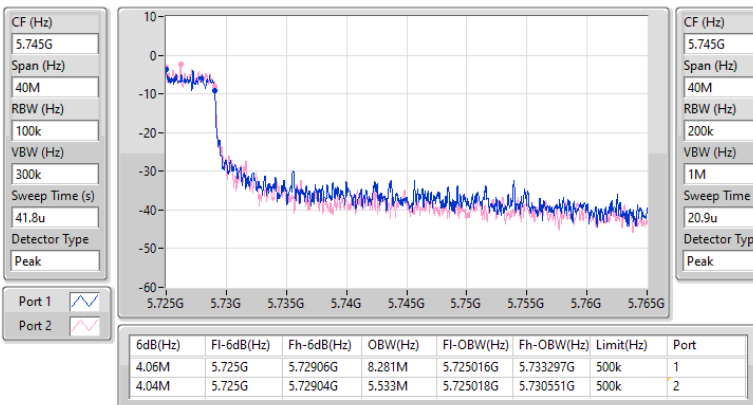


5.725-5.85GHz\_802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

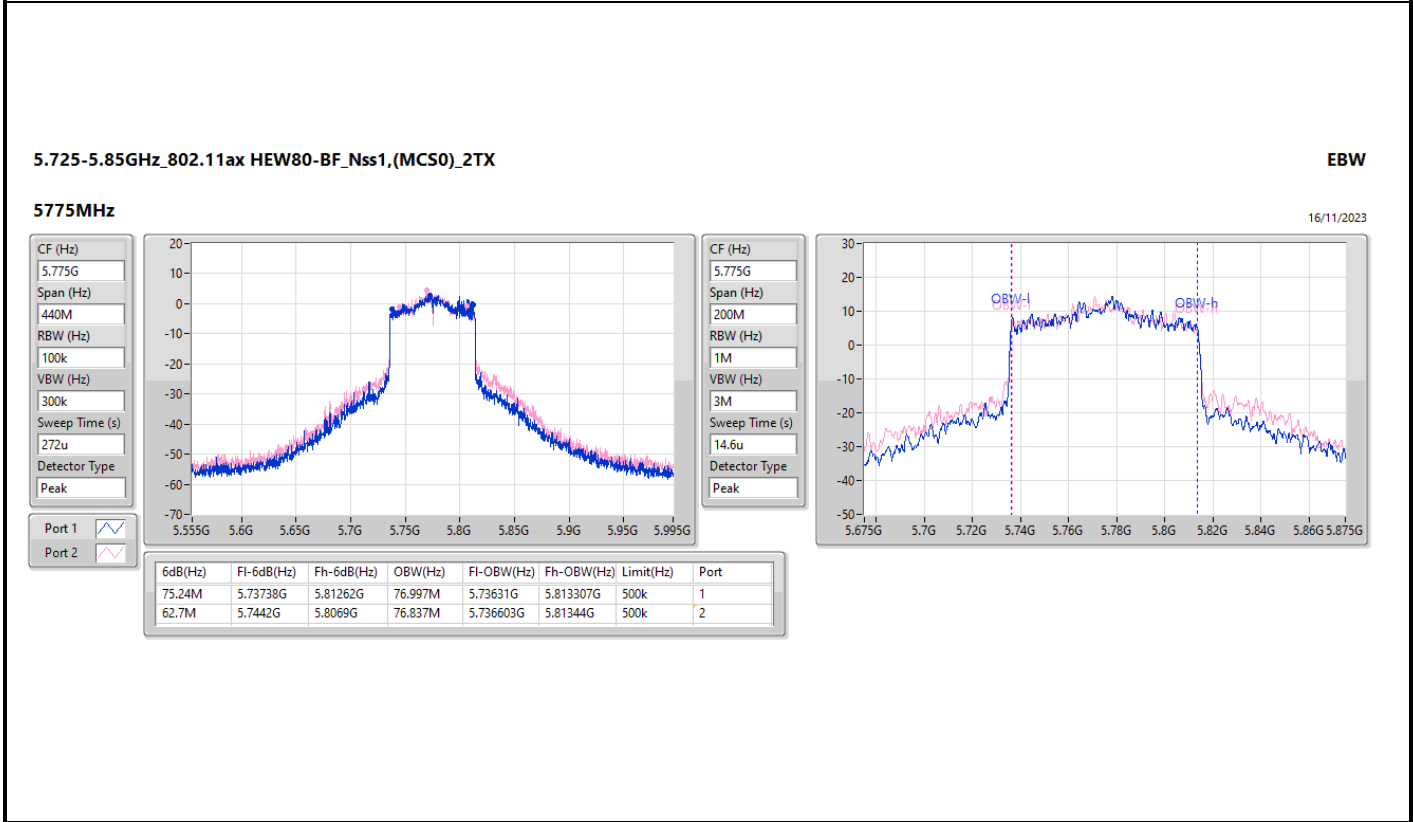
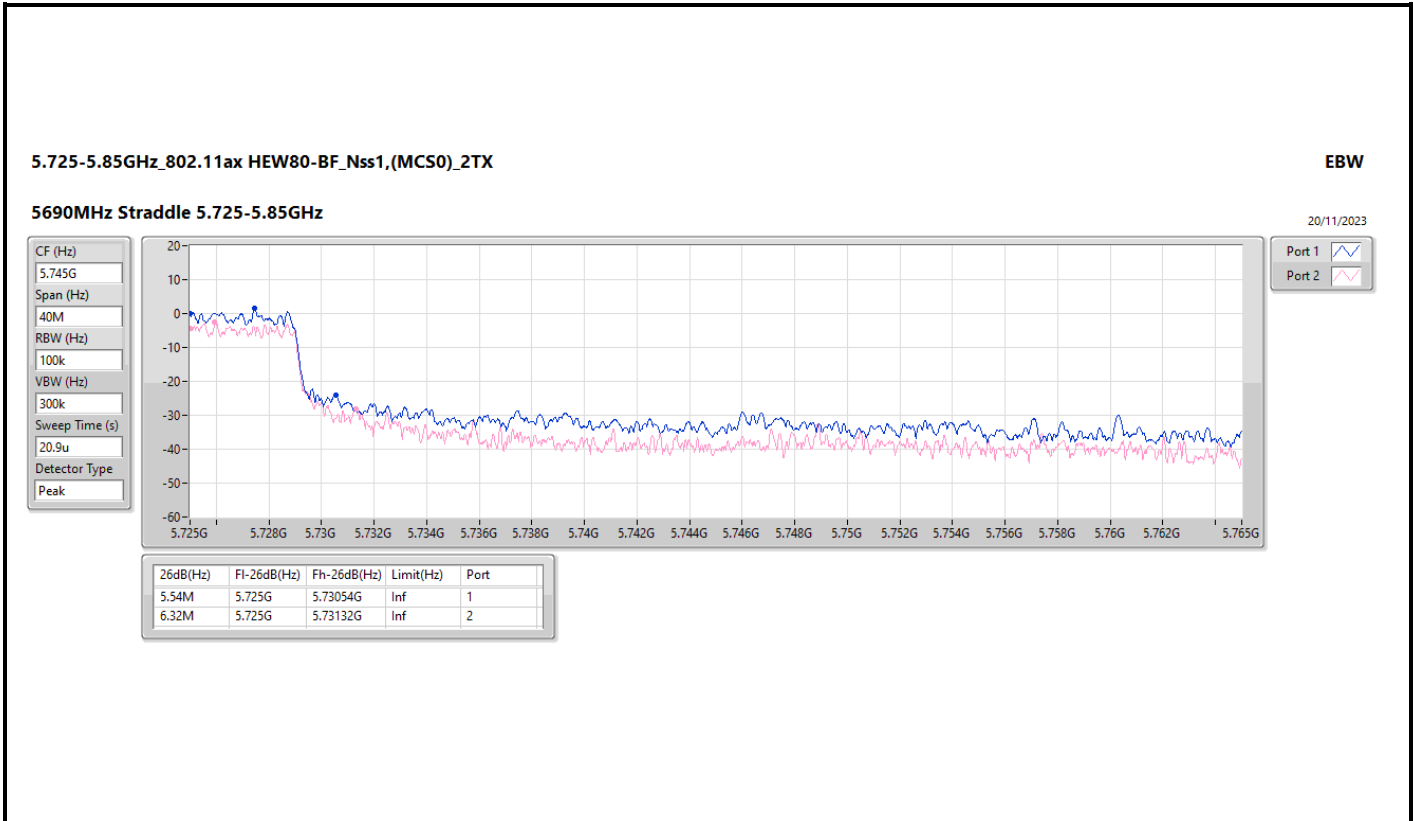
EBW

5690MHz Straddle 5.725-5.85GHz

20/11/2023







5.725-5.85GHz\_802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

5775MHz

16/11/2023

CF (Hz)  
5.775G

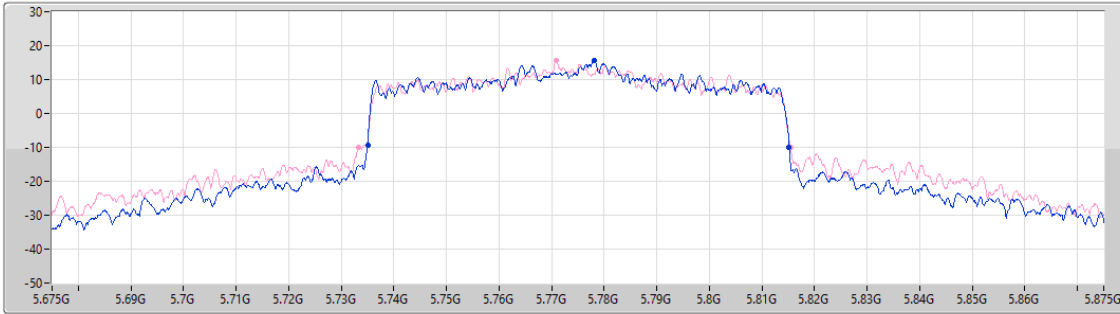
Span (Hz)  
200M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
14.6u

Detector Type  
Peak



Port 1

Port 2

26dB(Hz)	F1-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
80.2M	5.735G	5.8152G	Inf	1
82.3M	5.7332G	5.8155G	Inf	2

5.15-5.25GHz\_802.11ax HEW160-BF\_Nss1,(MCS0)\_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

20/11/2023

CF (Hz)  
5.17G

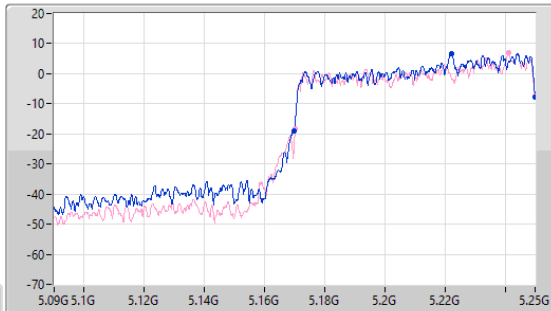
Span (Hz)  
160M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
12.5u

Detector Type  
Peak



CF (Hz)  
5.17G

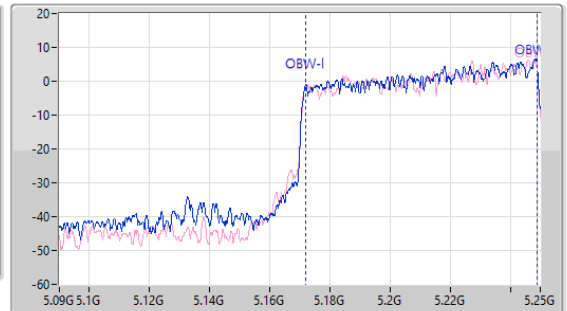
Span (Hz)  
160M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
12.5u

Detector Type  
Peak



Port 1

Port 2

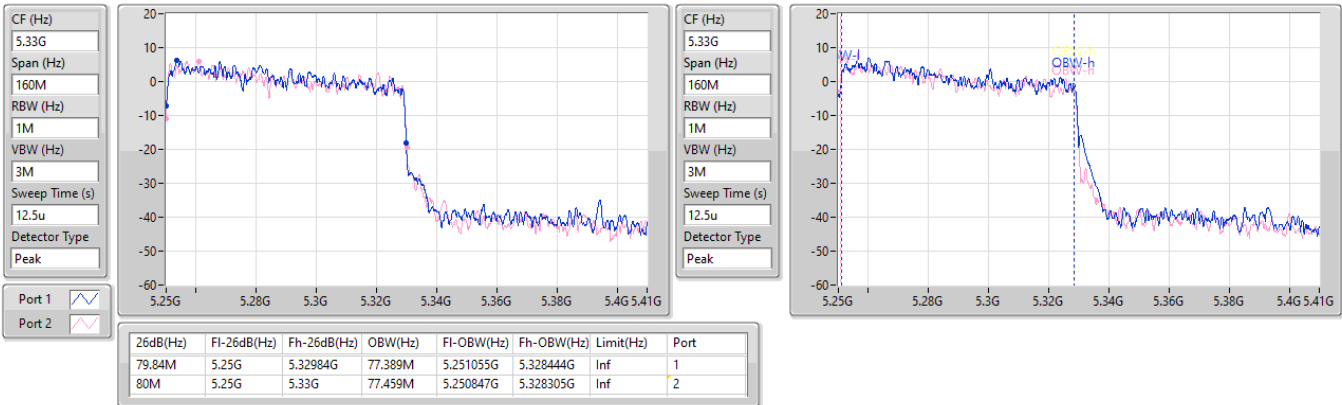
26dB(Hz)	F1-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	F1-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.08M	5.16992G	5.25G	77.272M	5.171828G	5.2491G	Inf	1
79.84M	5.17016G	5.25G	77.166M	5.171794G	5.24896G	Inf	2

5.25-5.35GHz\_802.11ax HEW160-BF\_Nss1,(MCS0)\_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

20/11/2023

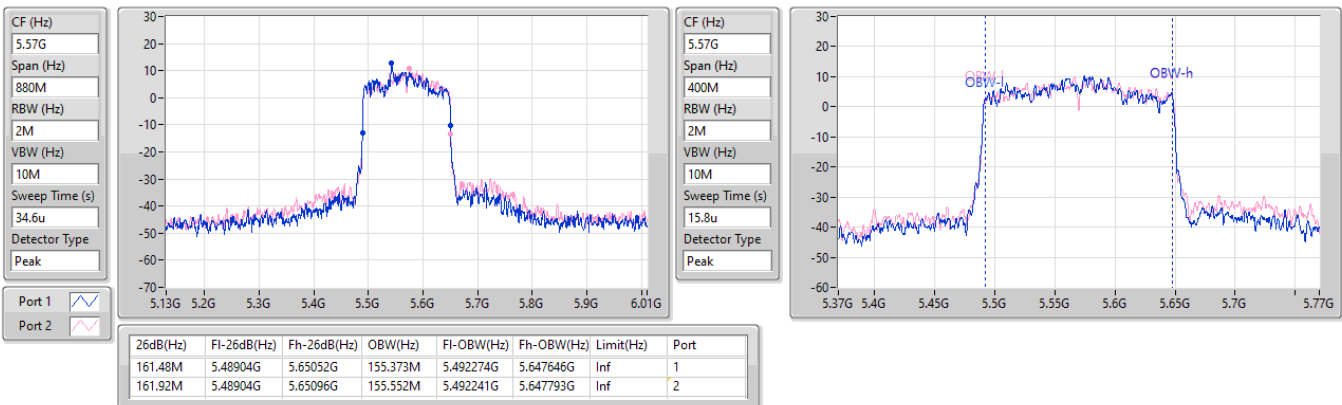


5.47-5.725GHz\_802.11ax HEW160-BF\_Nss1,(MCS0)\_2TX

EBW

5570MHz

17/11/2023





**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	26.74	0.47206
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	26.16	0.41305
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	25.54	0.35810
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	23.23	0.21038
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	17.46	0.05572
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	21.38	0.13740
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.32	0.13552
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	22.80	0.19055
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	22.59	0.18155
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	17.66	0.05834
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	21.16	0.13062
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.48	0.14060
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.24	0.21086
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	23.17	0.20749
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	21.82	0.15205
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	27.95	0.62373
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	28.26	0.66988
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	26.40	0.43652
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	24.21	0.26363



Result

Mode	Result	DG (dB)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	3.60	20.53	20.46	23.51	30.00
5200MHz	Pass	3.60	23.77	23.68	26.74	30.00
5240MHz	Pass	3.60	22.52	22.90	25.72	30.00
5260MHz	Pass	3.60	17.90	18.32	21.13	23.60
5300MHz	Pass	3.60	17.46	18.44	20.99	23.69
5320MHz	Pass	3.60	17.73	18.92	21.38	23.50
5500MHz	Pass	4.00	17.86	18.16	21.02	23.74
5580MHz	Pass	4.00	18.13	18.17	21.16	23.60
5700MHz	Pass	4.00	18.19	17.91	21.06	23.64
5720MHz Straddle 5.47-5.725GHz	Pass	4.00	17.74	17.59	20.68	22.52
5720MHz Straddle 5.725-5.85GHz	Pass	4.00	9.92	9.89	12.92	30.00
5745MHz	Pass	4.00	25.05	24.59	27.84	30.00
5785MHz	Pass	4.00	25.03	24.60	27.83	30.00
5825MHz	Pass	4.00	25.11	24.76	27.95	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	6.51	19.84	19.66	22.76	29.49
5200MHz	Pass	6.51	23.14	23.01	26.09	29.49
5240MHz	Pass	6.51	23.00	23.30	26.16	29.49
5260MHz	Pass	6.46	17.81	18.20	21.02	23.52
5300MHz	Pass	6.46	17.85	18.73	21.32	23.52
5320MHz	Pass	6.46	17.55	18.83	21.25	23.52
5500MHz	Pass	6.67	18.11	18.62	21.38	23.31
5580MHz	Pass	6.67	18.09	17.82	20.97	23.31
5700MHz	Pass	6.67	18.63	18.31	21.48	23.31
5720MHz Straddle 5.47-5.725GHz	Pass	6.67	18.50	18.14	21.33	22.10
5720MHz Straddle 5.725-5.85GHz	Pass	6.72	12.11	11.76	14.95	29.28
5745MHz	Pass	6.72	25.10	24.52	27.83	29.28
5785MHz	Pass	6.72	25.27	24.79	28.05	29.28
5825MHz	Pass	6.72	25.50	24.99	28.26	29.28
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	6.51	19.31	18.85	22.10	29.49
5230MHz	Pass	6.51	22.56	22.49	25.54	29.49
5270MHz	Pass	6.46	19.44	19.66	22.56	23.52
5310MHz	Pass	6.46	19.36	20.18	22.80	23.52
5510MHz	Pass	6.67	18.60	18.85	21.74	23.31
5550MHz	Pass	6.67	20.20	20.19	23.21	23.31
5670MHz	Pass	6.67	19.52	19.24	22.39	23.31
5710MHz Straddle 5.47-5.725GHz	Pass	6.67	20.52	19.92	23.24	23.31
5710MHz Straddle 5.725-5.85GHz	Pass	6.72	9.78	8.74	12.30	29.28
5755MHz	Pass	6.72	22.66	22.37	25.53	29.28
5795MHz	Pass	6.72	23.11	23.65	26.40	29.28
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	6.51	20.26	20.17	23.23	29.49
5290MHz	Pass	6.46	19.22	19.92	22.59	23.52
5530MHz	Pass	6.67	18.89	19.51	22.22	23.31

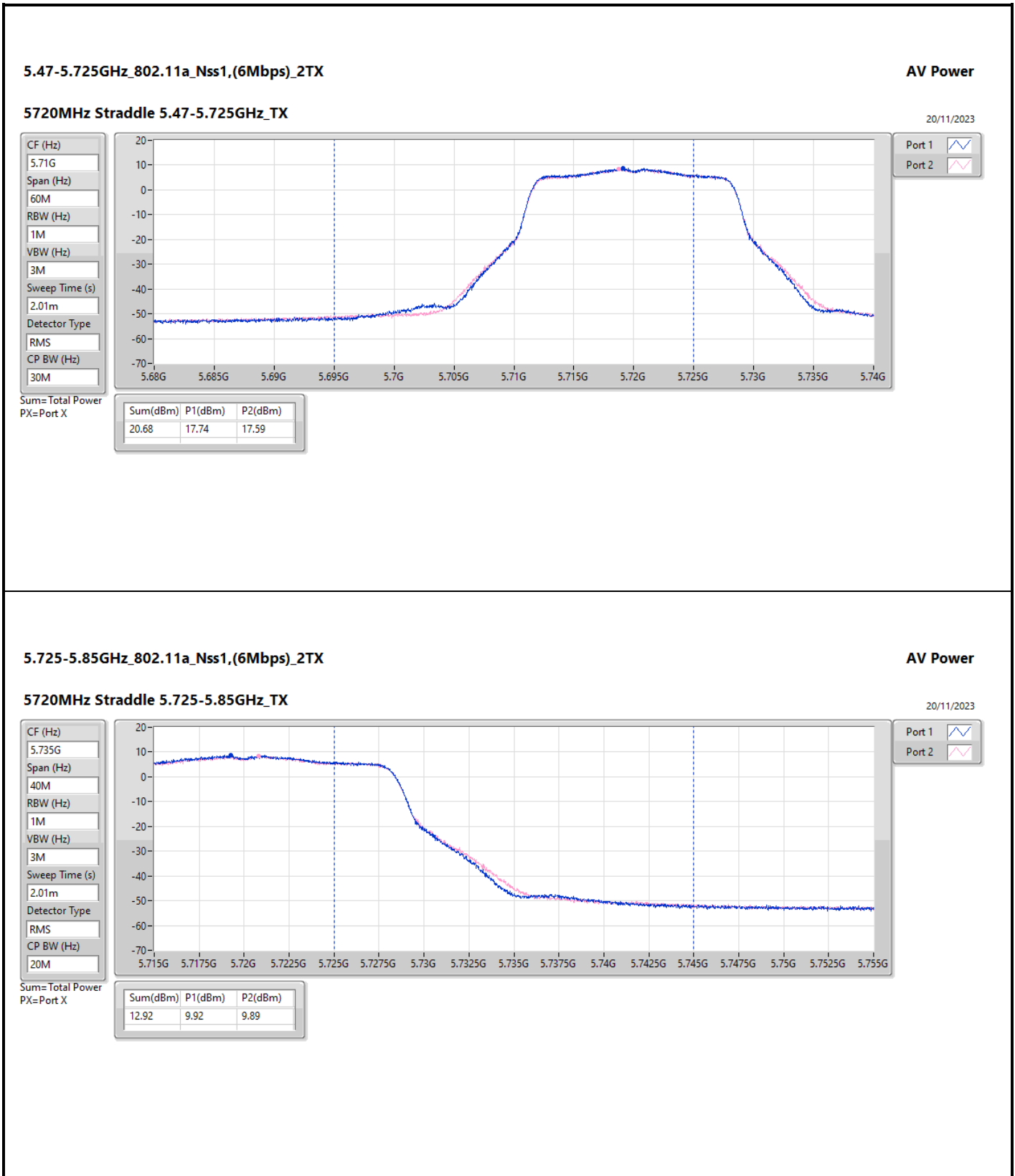


## Average Power

## Appendix C

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
5610MHz	Pass	6.67	20.31	20.01	23.17	23.31
5690MHz Straddle 5.47-5.725GHz	Pass	6.67	19.85	20.42	23.15	23.31
5690MHz Straddle 5.725-5.85GHz	Pass	6.72	4.68	4.90	7.80	29.28
5775MHz	Pass	6.72	21.18	21.21	24.21	29.28
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.51	14.79	14.08	17.46	29.49
5250MHz Straddle 5.25-5.35GHz	Pass	6.46	14.87	14.41	17.66	23.52
5570MHz	Pass	6.67	18.55	19.05	21.82	23.31

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



5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz\_TX

20/11/2023

CF (Hz)  
5.735G

Span (Hz)  
40M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
2.01m

Detector Type  
RMS

CP BW (Hz)  
20M

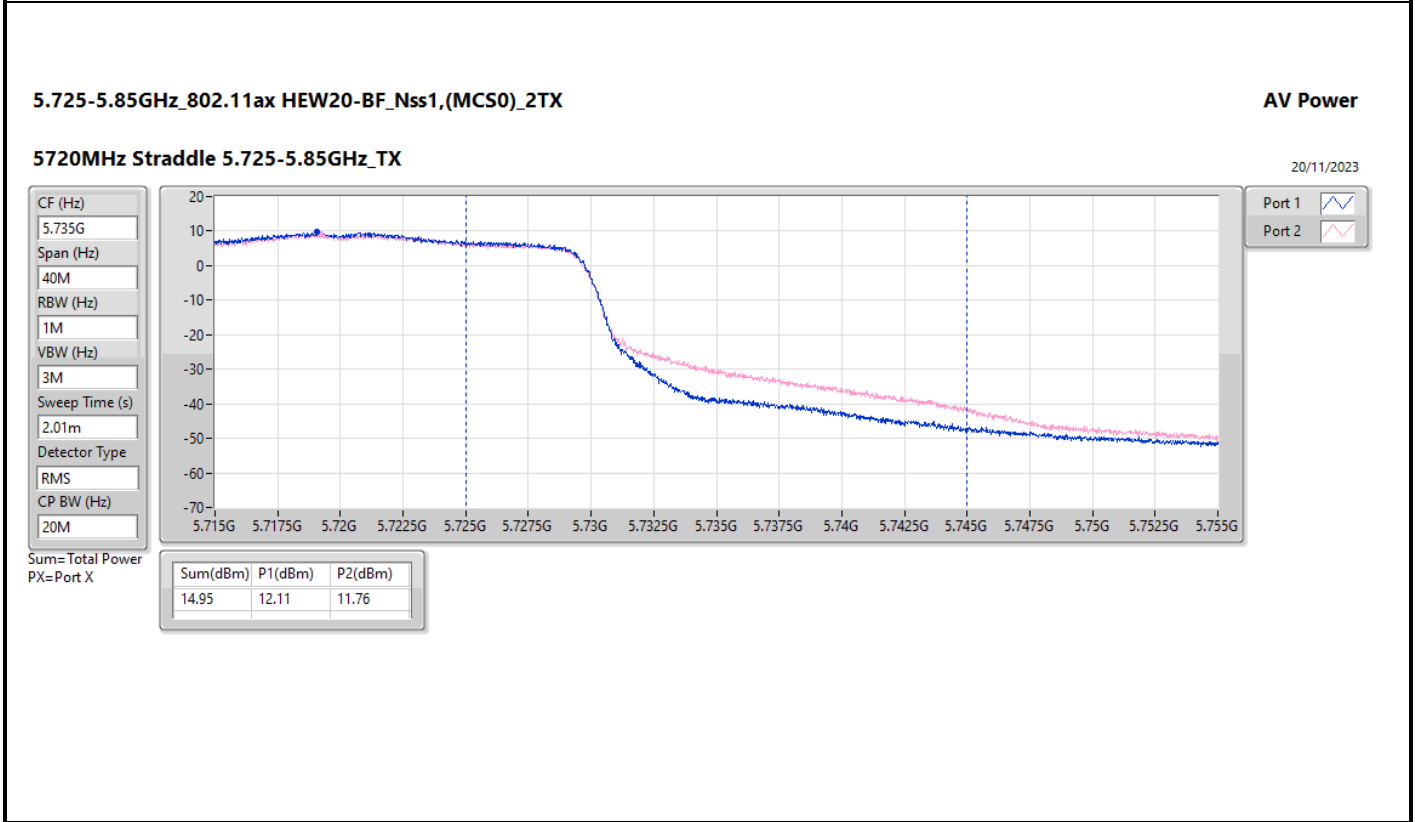
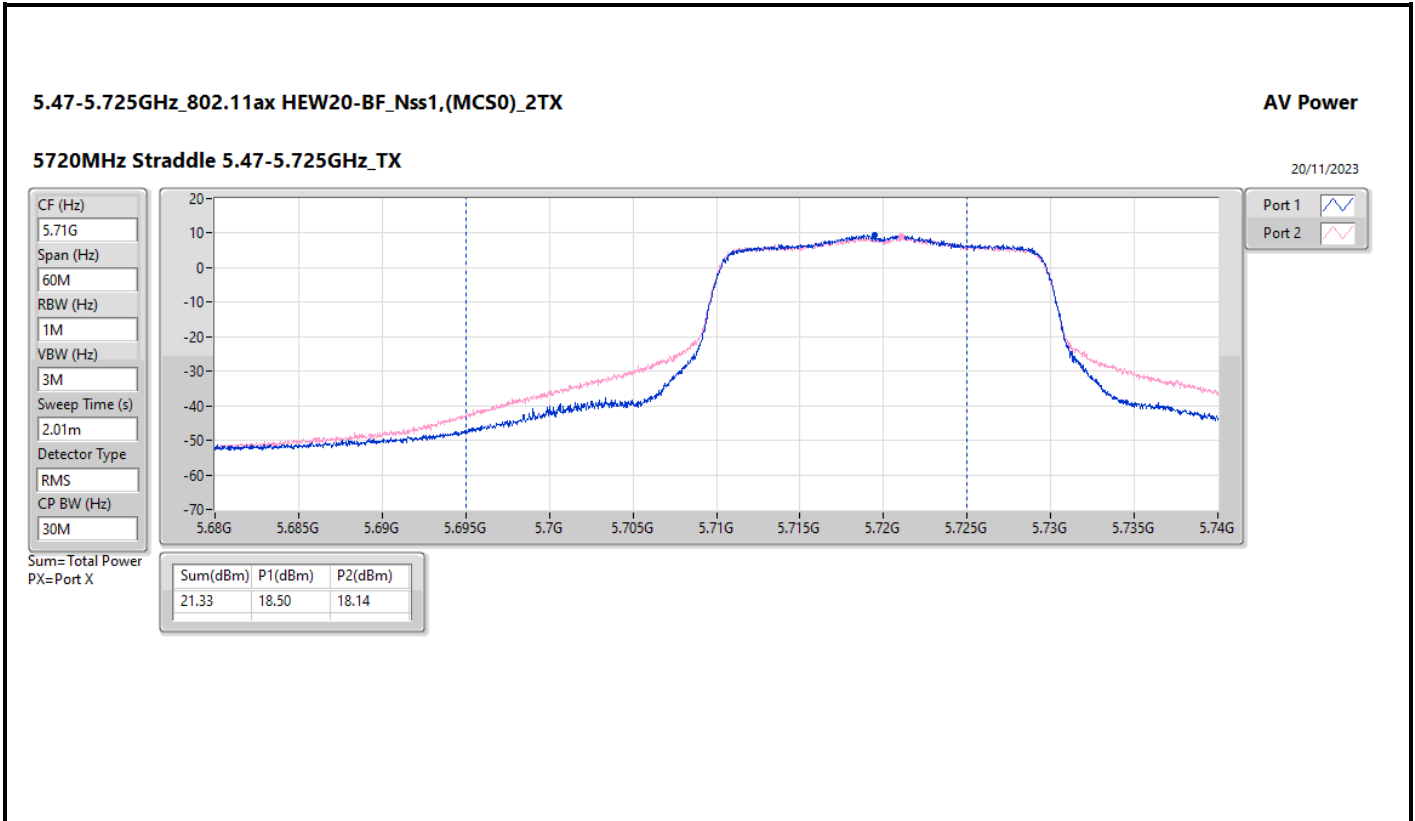


Port 1 

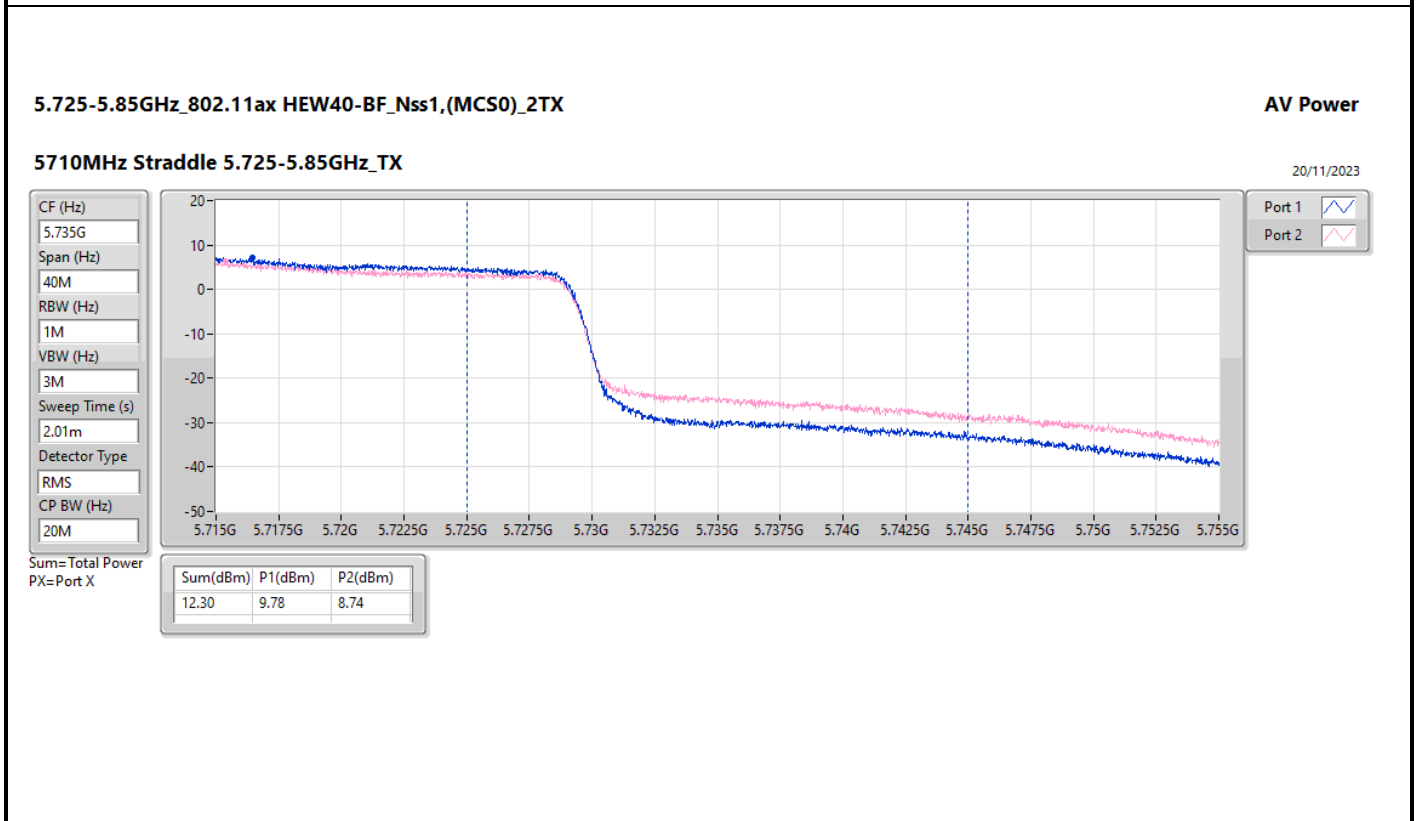
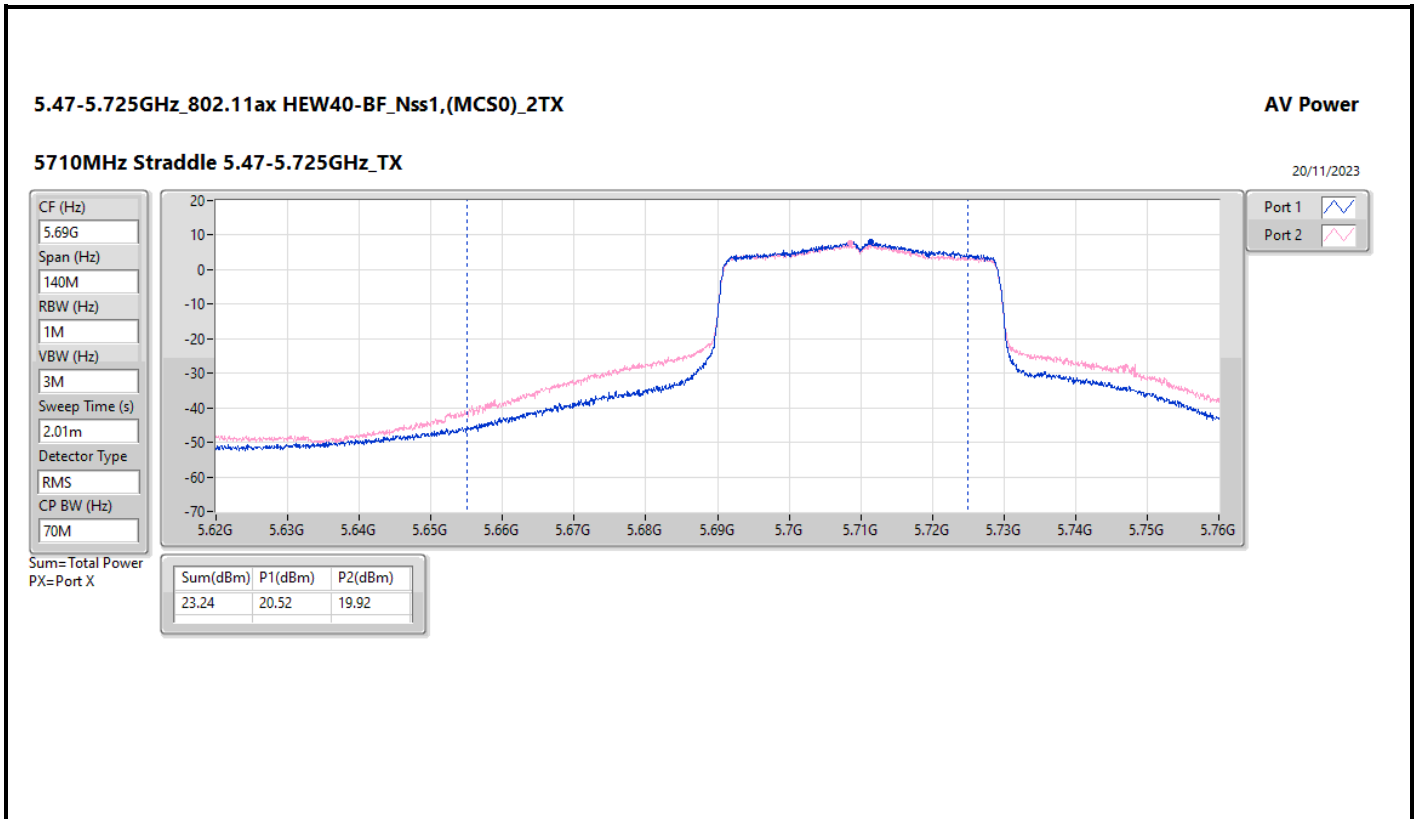
Port 2 

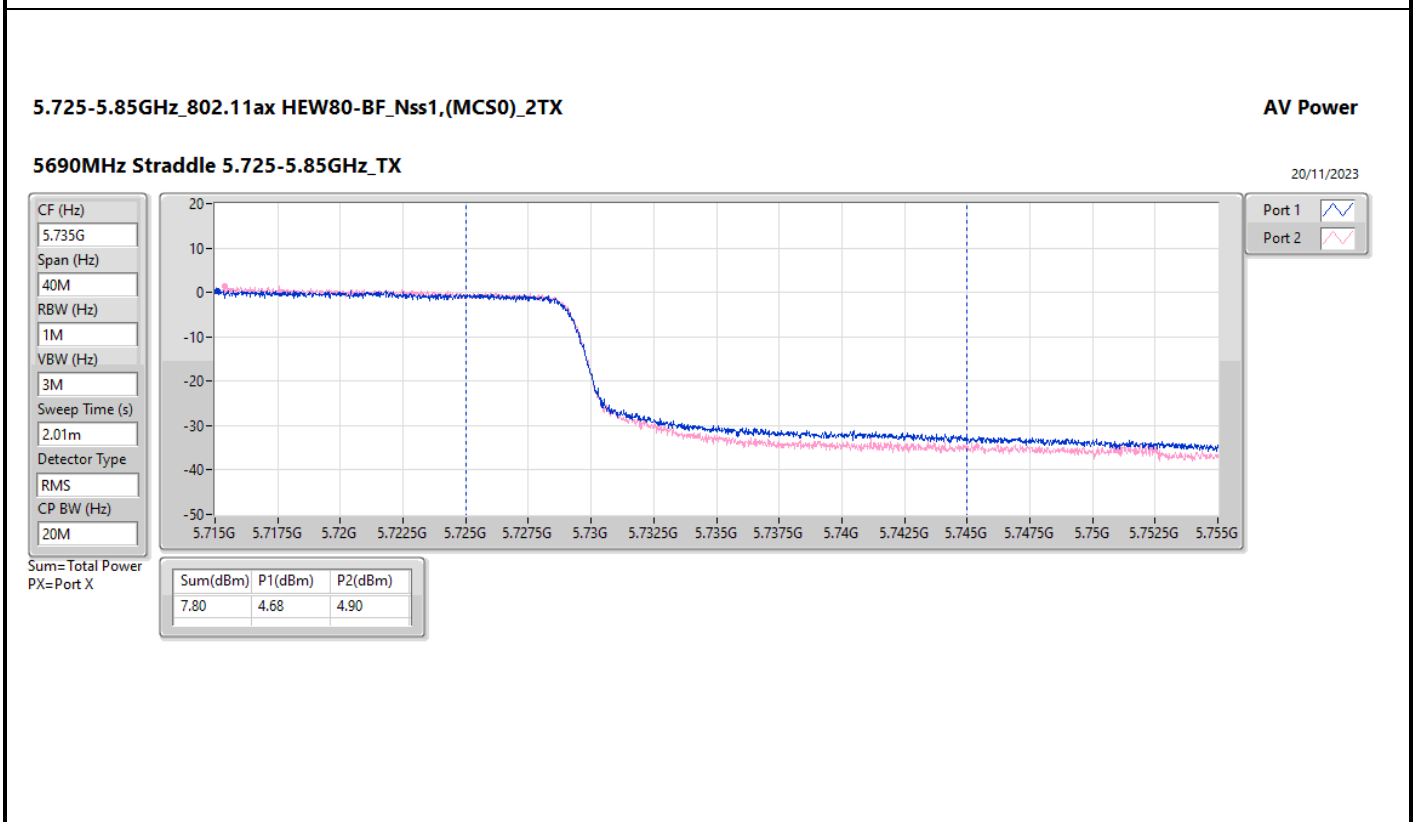
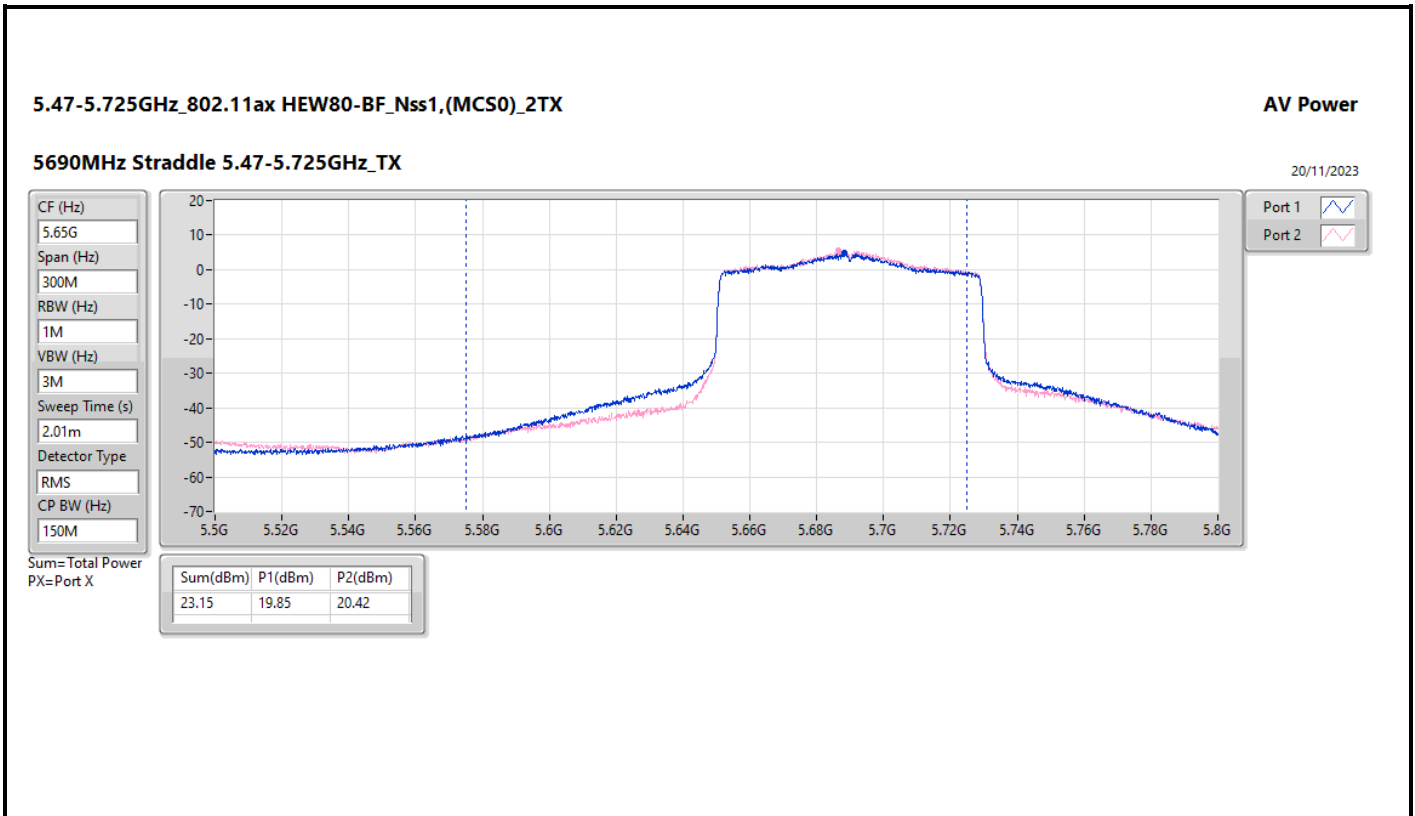
Sum=Total Power  
PX=Port X

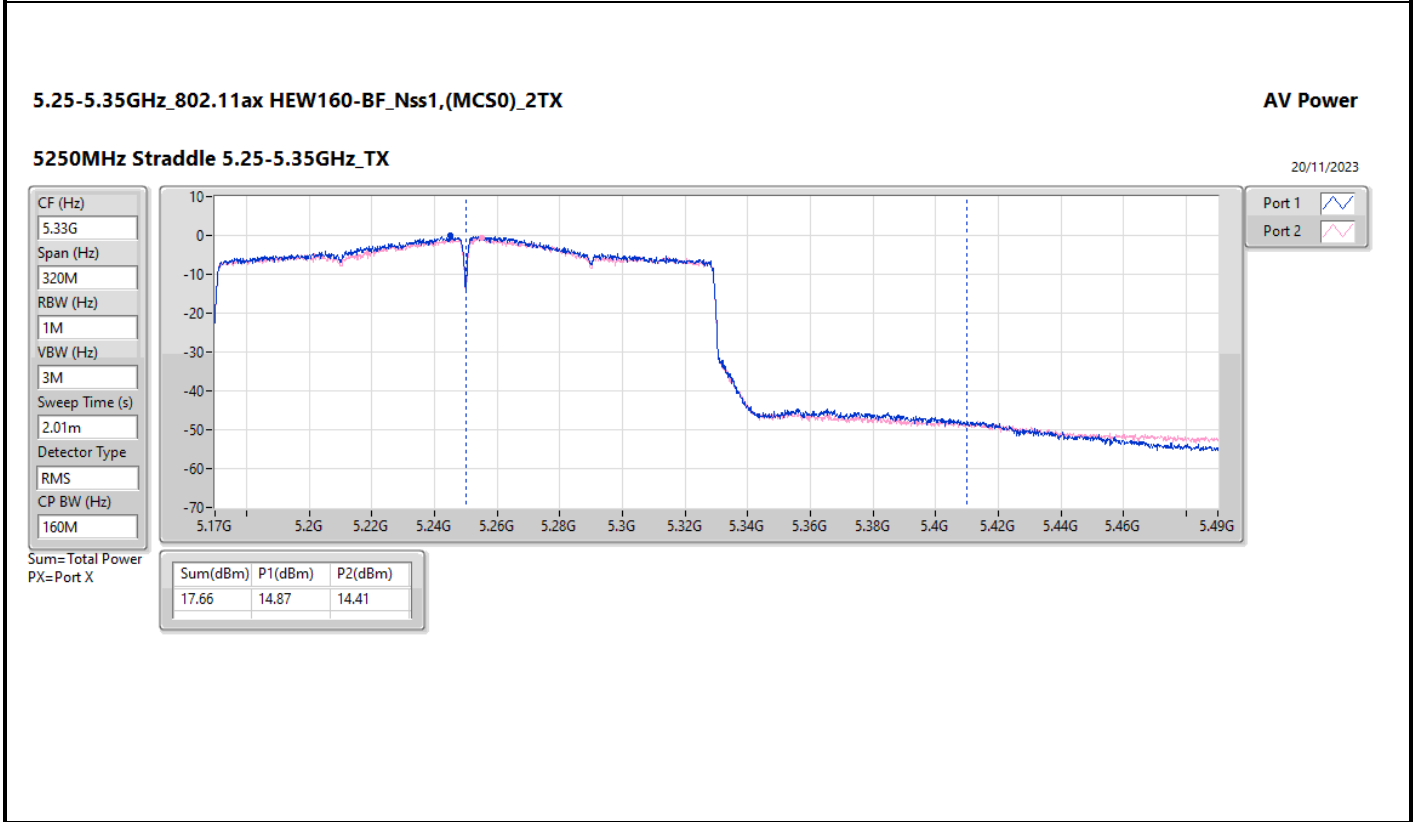
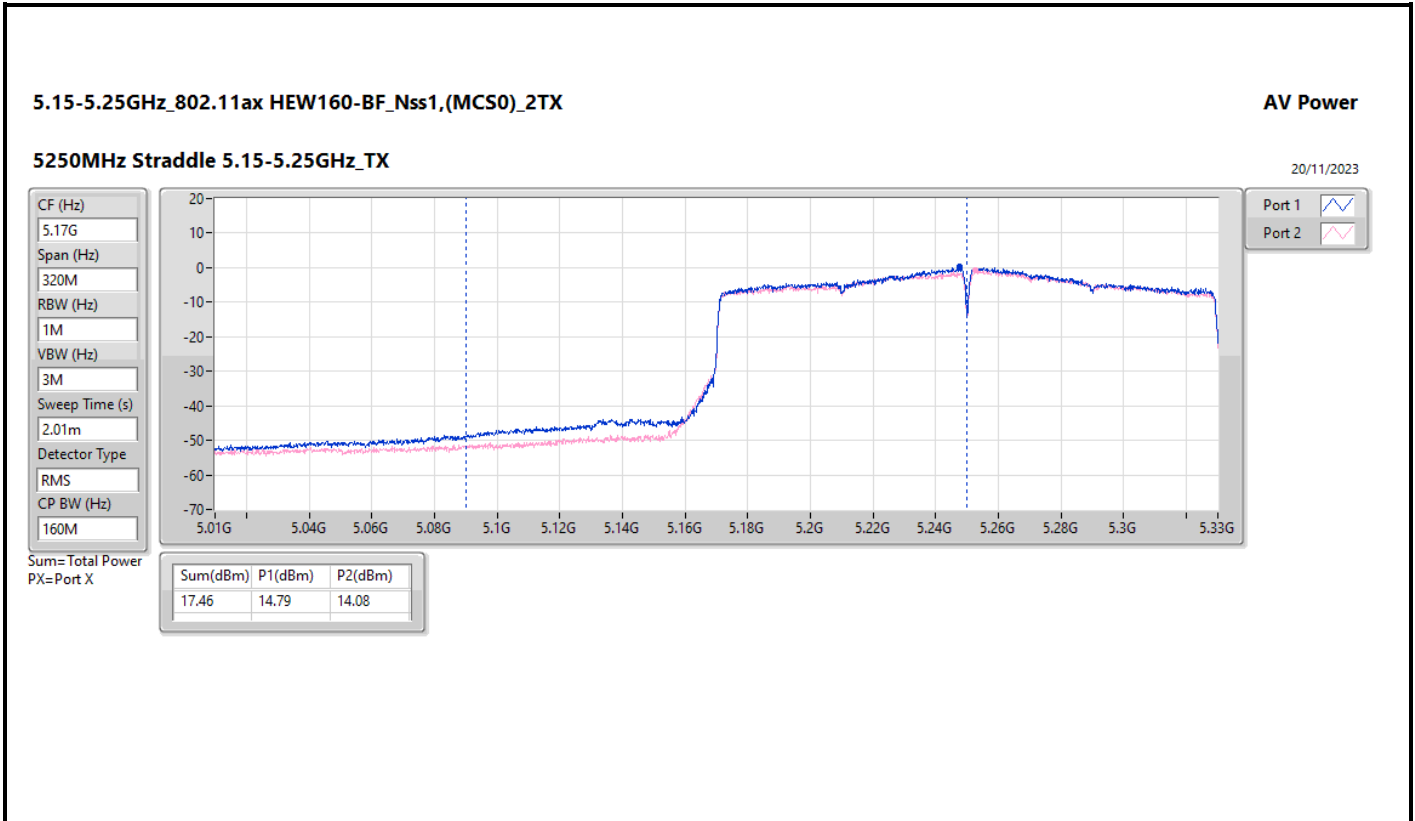
Sum(dBm)	P1(dBm)	P2(dBm)
12.92	9.92	9.89











Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	15.71
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	14.70
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	11.79
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	6.95
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	0.11
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_2TX	10.33
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	9.98
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	8.42
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	5.85
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	0.62
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_2TX	10.22
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	10.28
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	9.05
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	6.45
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-0.88
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	15.29
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	14.78
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	10.52
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	5.98

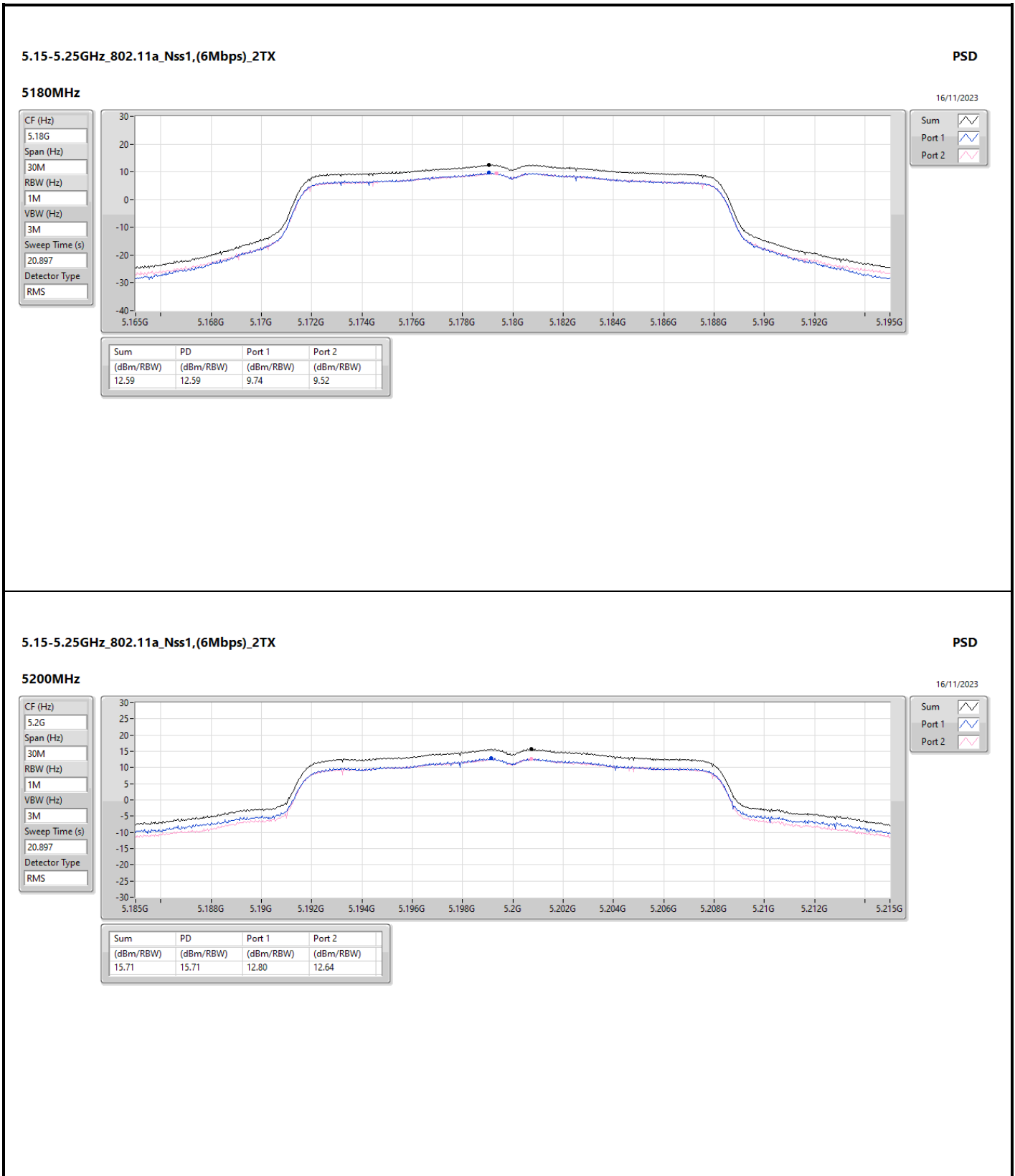
RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

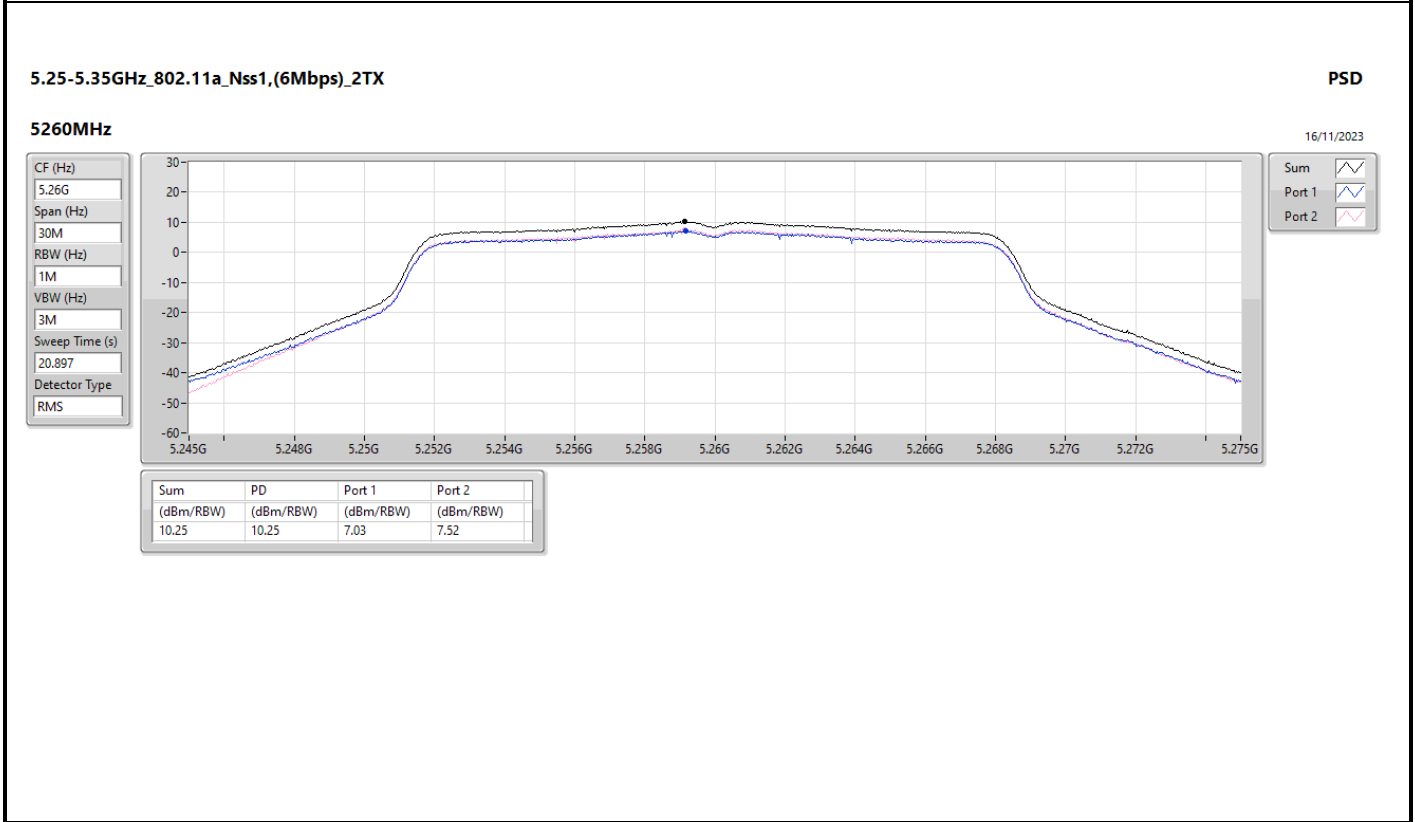
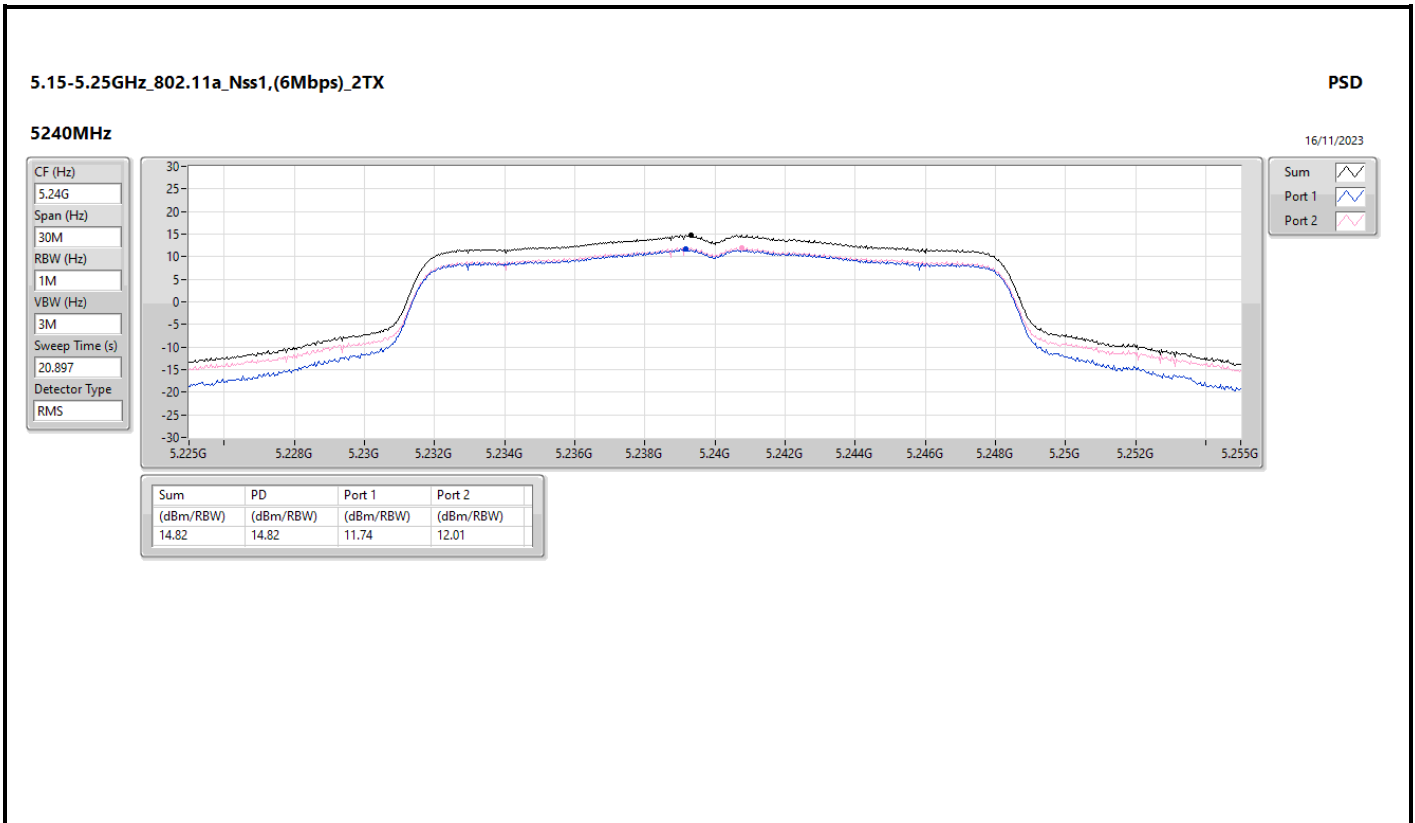
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	6.51	9.74	9.52	12.59	16.49
5200MHz	Pass	6.51	12.80	12.64	15.71	16.49
5240MHz	Pass	6.51	11.74	12.01	14.82	16.49
5260MHz	Pass	6.46	7.03	7.52	10.25	10.54
5300MHz	Pass	6.46	6.61	7.60	10.12	10.54
5320MHz	Pass	6.46	6.76	8.05	10.33	10.54
5500MHz	Pass	6.67	6.95	7.18	10.03	10.33
5580MHz	Pass	6.67	7.36	7.16	10.22	10.33
5700MHz	Pass	6.67	7.31	7.14	10.05	10.33
5720MHz Straddle 5.47-5.725GHz	Pass	6.67	7.29	7.00	10.05	10.33
5720MHz Straddle 5.725-5.85GHz	Pass	6.72	2.59	2.42	5.44	29.28
5745MHz	Pass	6.72	12.44	11.84	15.02	29.28
5785MHz	Pass	6.72	12.40	12.05	15.05	29.28
5825MHz	Pass	6.72	12.52	12.13	15.29	29.28
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	6.51	8.58	8.36	11.33	16.49
5200MHz	Pass	6.51	11.71	11.68	14.70	16.49
5240MHz	Pass	6.51	11.60	11.86	14.58	16.49
5260MHz	Pass	6.46	6.46	6.99	9.61	10.54
5300MHz	Pass	6.46	6.49	7.47	9.98	10.54
5320MHz	Pass	6.46	6.09	7.18	9.61	10.54
5500MHz	Pass	6.67	6.81	7.08	9.83	10.33
5580MHz	Pass	6.67	6.69	6.82	9.59	10.33
5700MHz	Pass	6.67	7.12	6.79	9.83	10.33
5720MHz Straddle 5.47-5.725GHz	Pass	6.67	7.46	7.07	10.28	10.33
5720MHz Straddle 5.725-5.85GHz	Pass	6.72	3.71	3.01	6.35	29.28
5745MHz	Pass	6.72	11.80	11.14	14.30	29.28
5785MHz	Pass	6.72	11.90	11.41	14.41	29.28
5825MHz	Pass	6.72	12.30	11.59	14.78	29.28
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	6.51	5.12	4.66	7.72	16.49
5230MHz	Pass	6.51	9.55	8.49	11.79	16.49
5270MHz	Pass	6.46	5.28	5.71	8.34	10.54
5310MHz	Pass	6.46	5.23	6.01	8.42	10.54
5510MHz	Pass	6.67	4.36	4.59	7.27	10.33
5550MHz	Pass	6.67	6.15	6.01	9.05	10.33
5670MHz	Pass	6.67	5.53	5.13	8.29	10.33
5710MHz Straddle 5.47-5.725GHz	Pass	6.67	6.13	5.57	8.68	10.33
5710MHz Straddle 5.725-5.85GHz	Pass	6.72	1.67	0.45	4.08	29.28
5755MHz	Pass	6.72	7.01	6.57	9.60	29.28
5795MHz	Pass	6.72	7.92	8.05	10.52	29.28
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	6.51	5.51	4.76	6.95	16.49
5290MHz	Pass	6.46	4.32	4.70	5.85	10.54
5530MHz	Pass	6.67	3.58	3.23	5.35	10.33

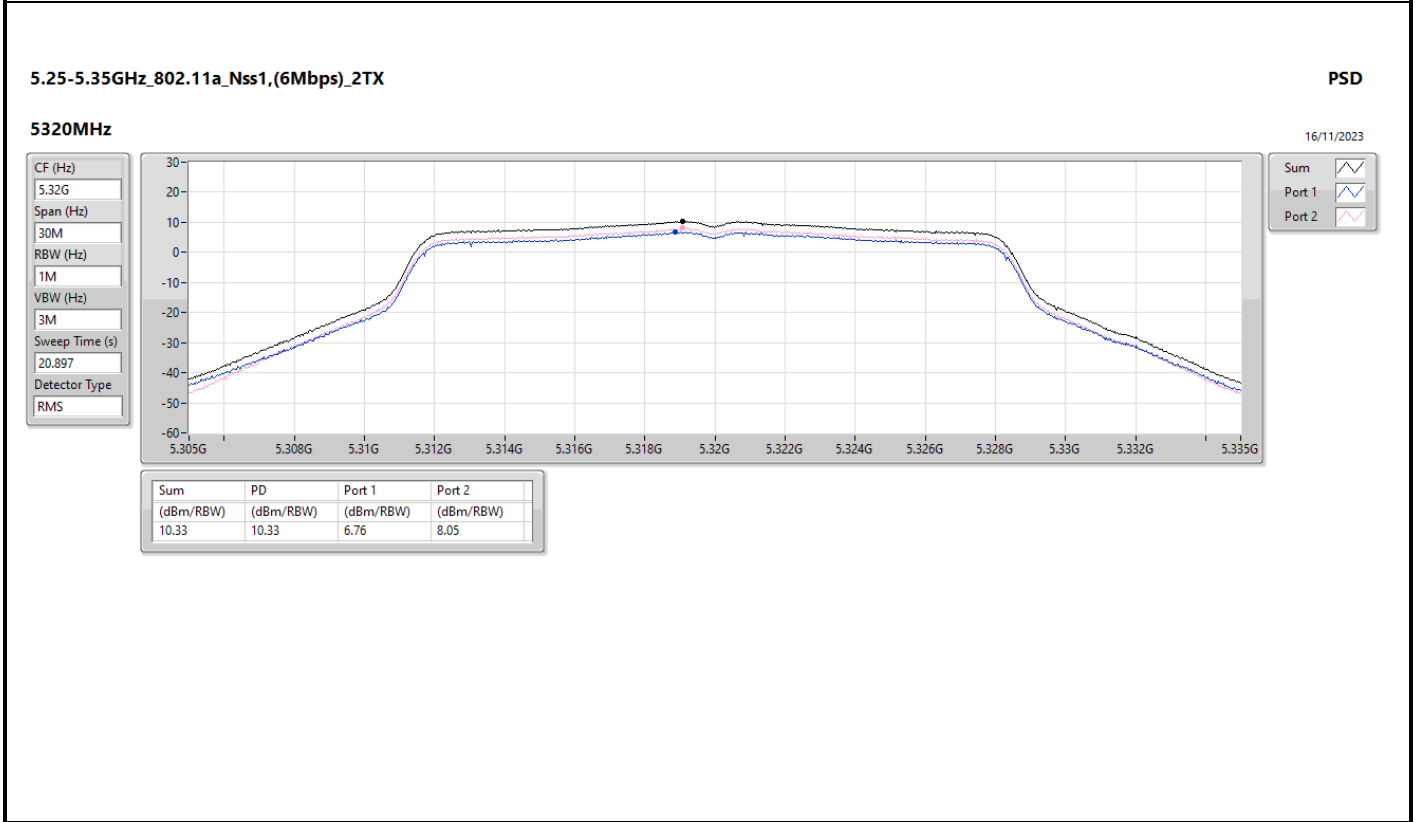
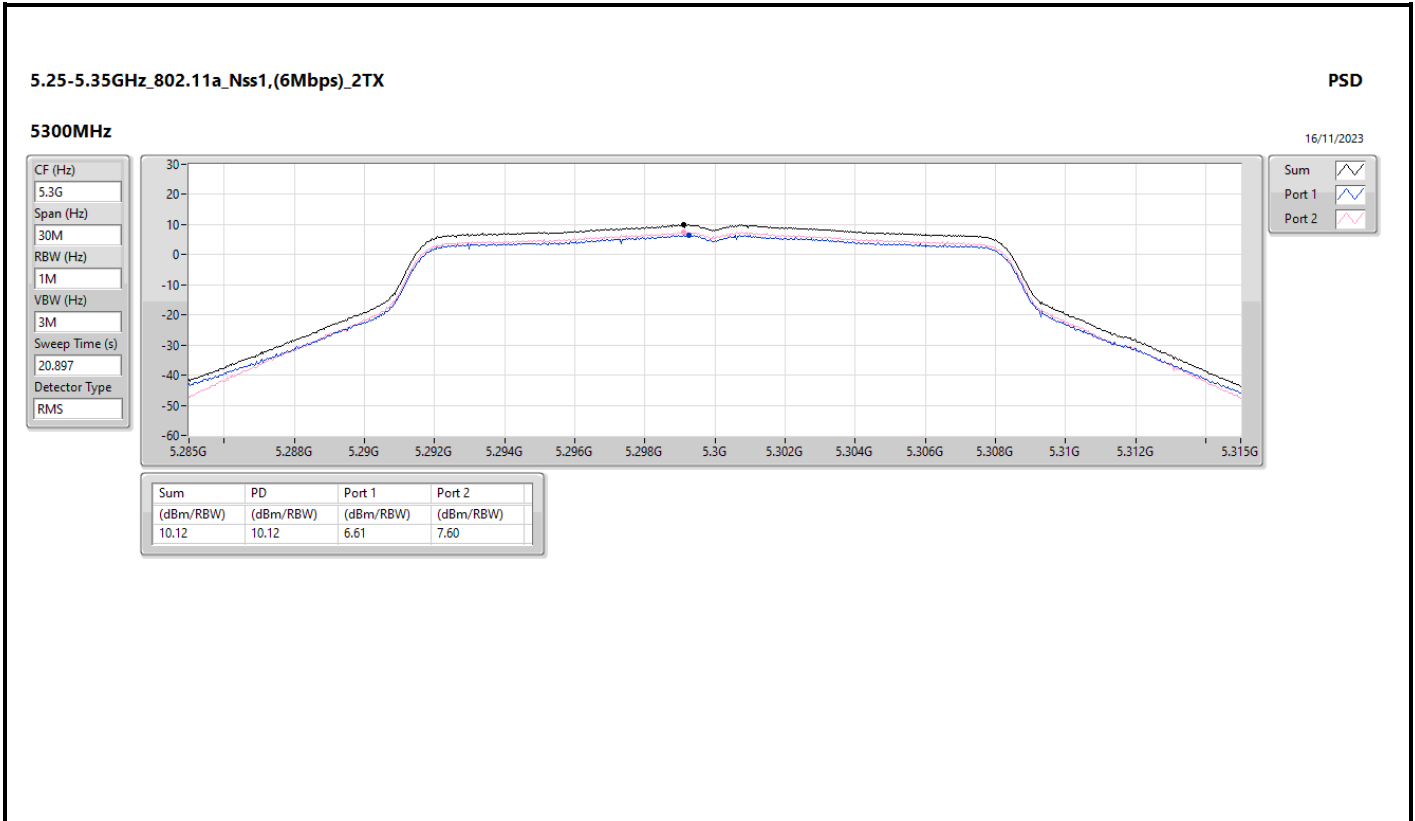
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5610MHz	Pass	6.67	4.95	4.37	6.45	10.33
5690MHz Straddle 5.47-5.725GHz	Pass	6.67	2.66	3.51	6.00	10.33
5690MHz Straddle 5.725-5.85GHz	Pass	6.72	-3.69	-3.49	-0.69	29.28
5775MHz	Pass	6.72	4.38	3.72	5.98	29.28
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.51	-2.38	-2.96	0.11	16.49
5250MHz Straddle 5.25-5.35GHz	Pass	6.46	-2.23	-2.29	0.62	10.54
5570MHz	Pass	6.67	-4.37	-3.34	-0.88	10.33

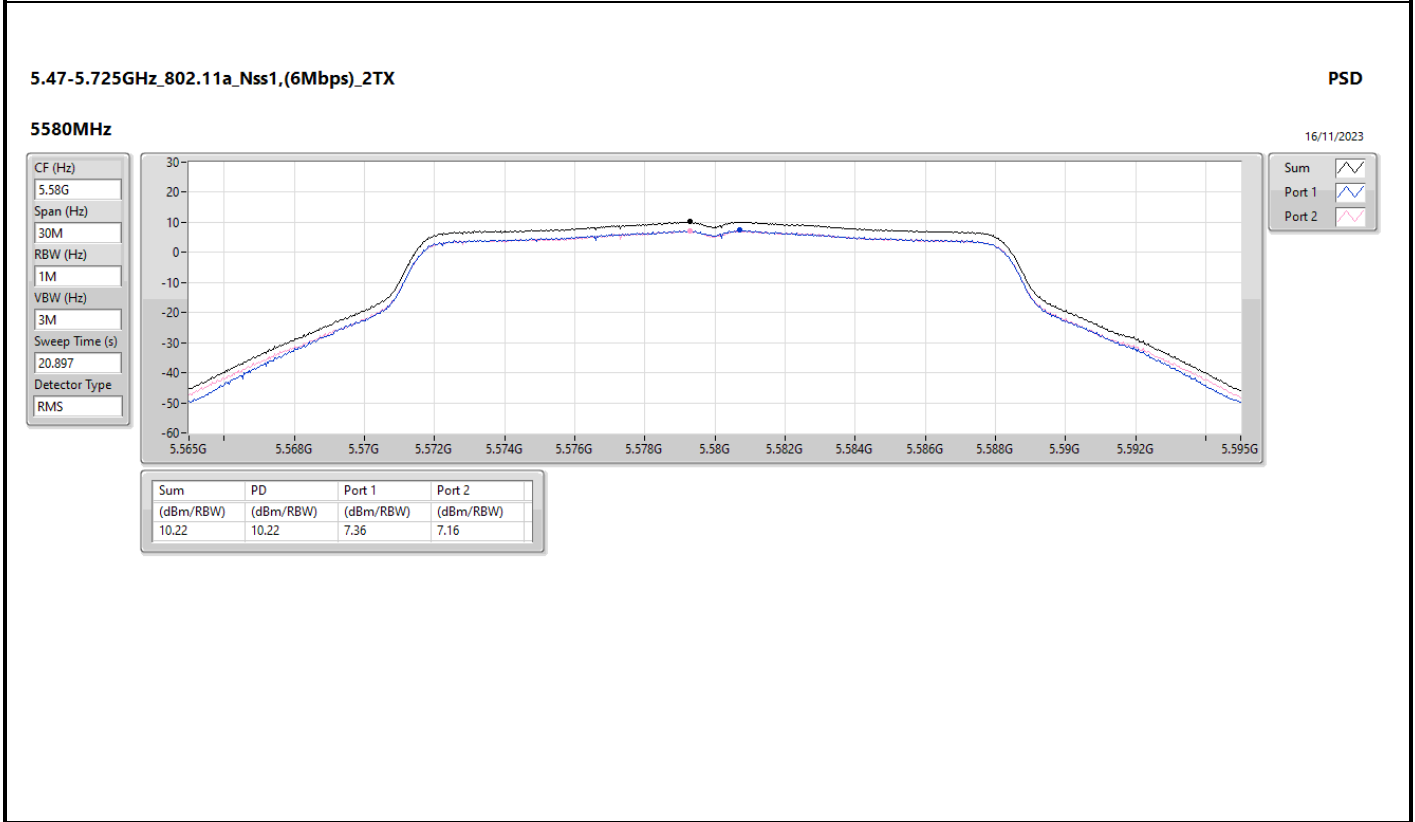
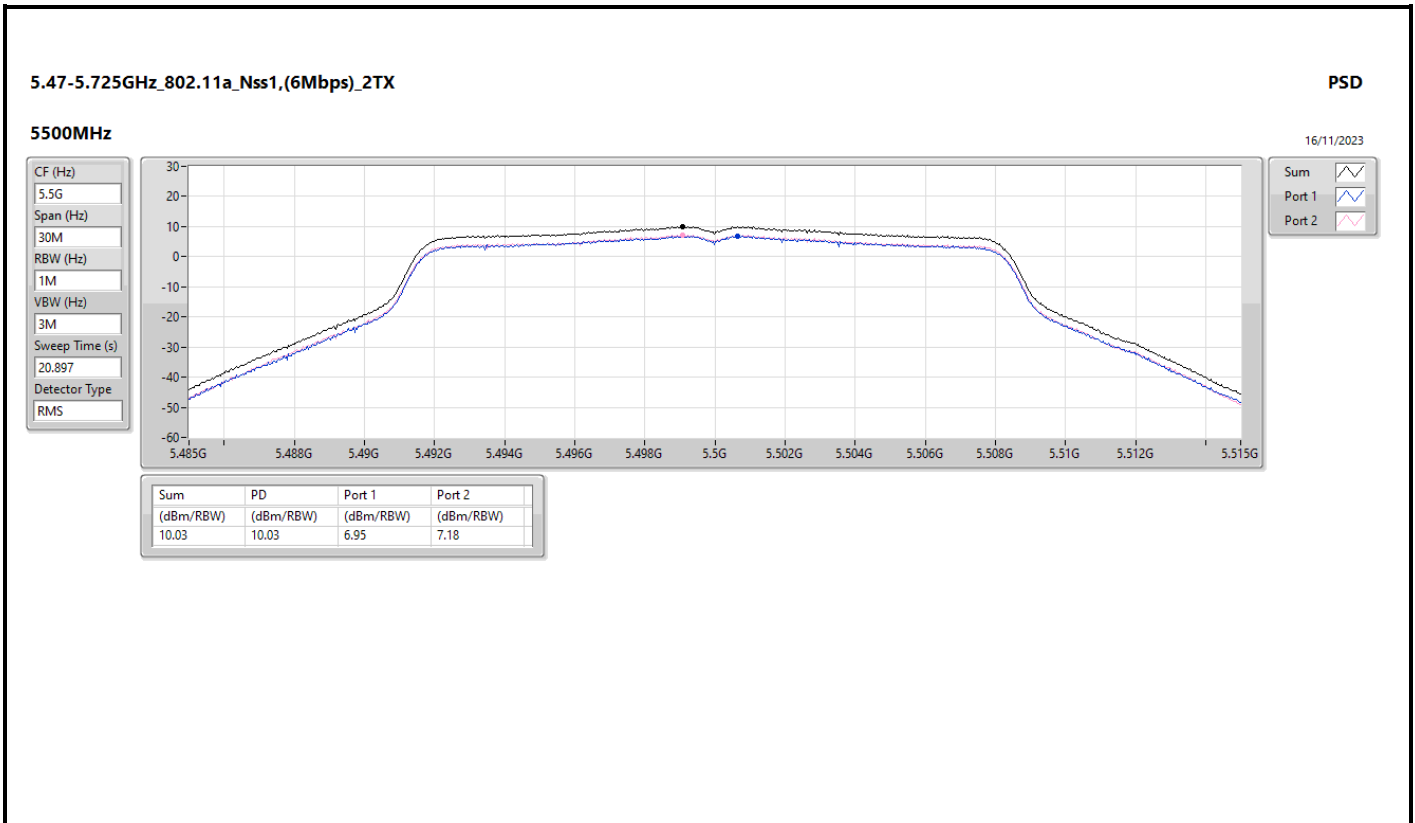
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;  
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

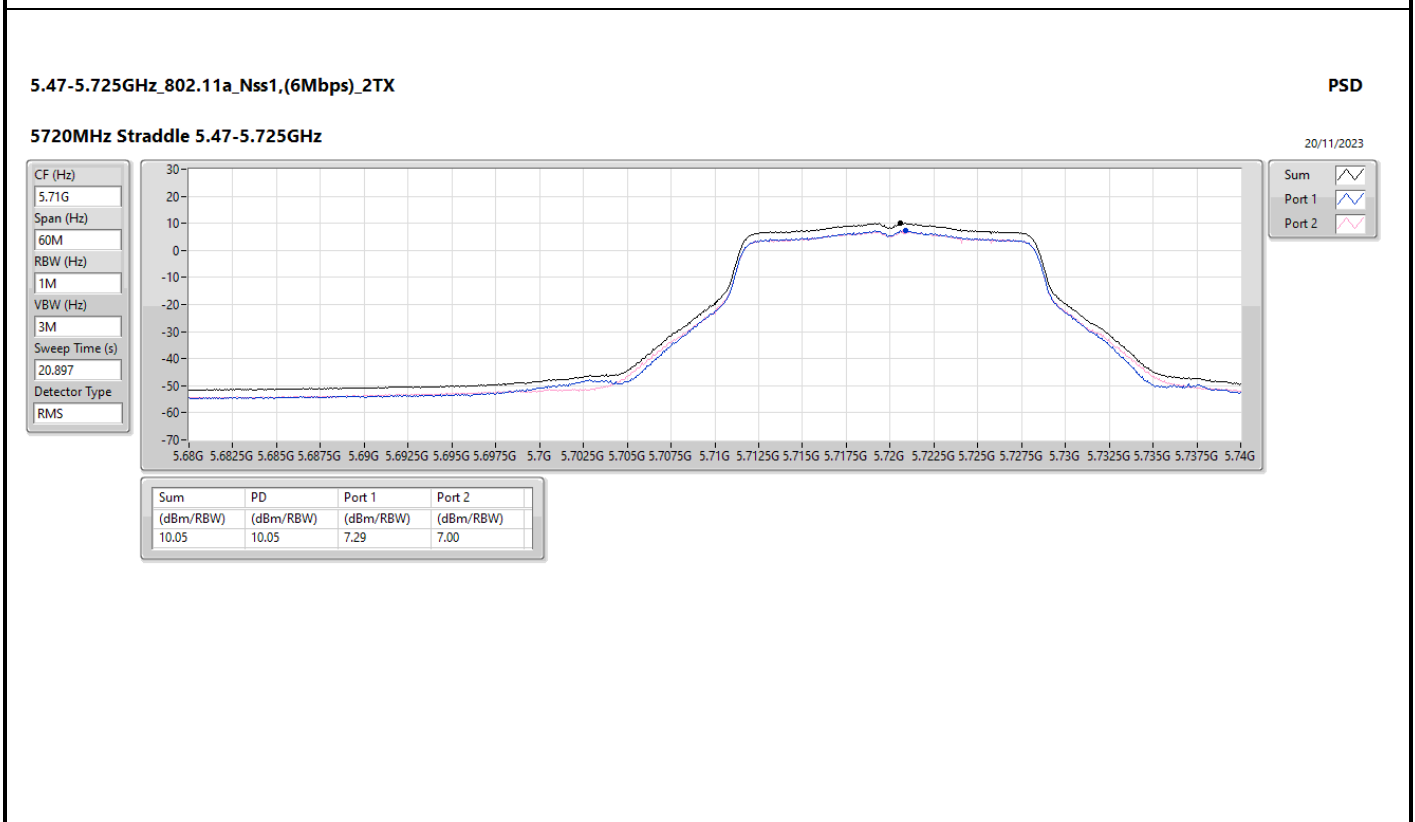
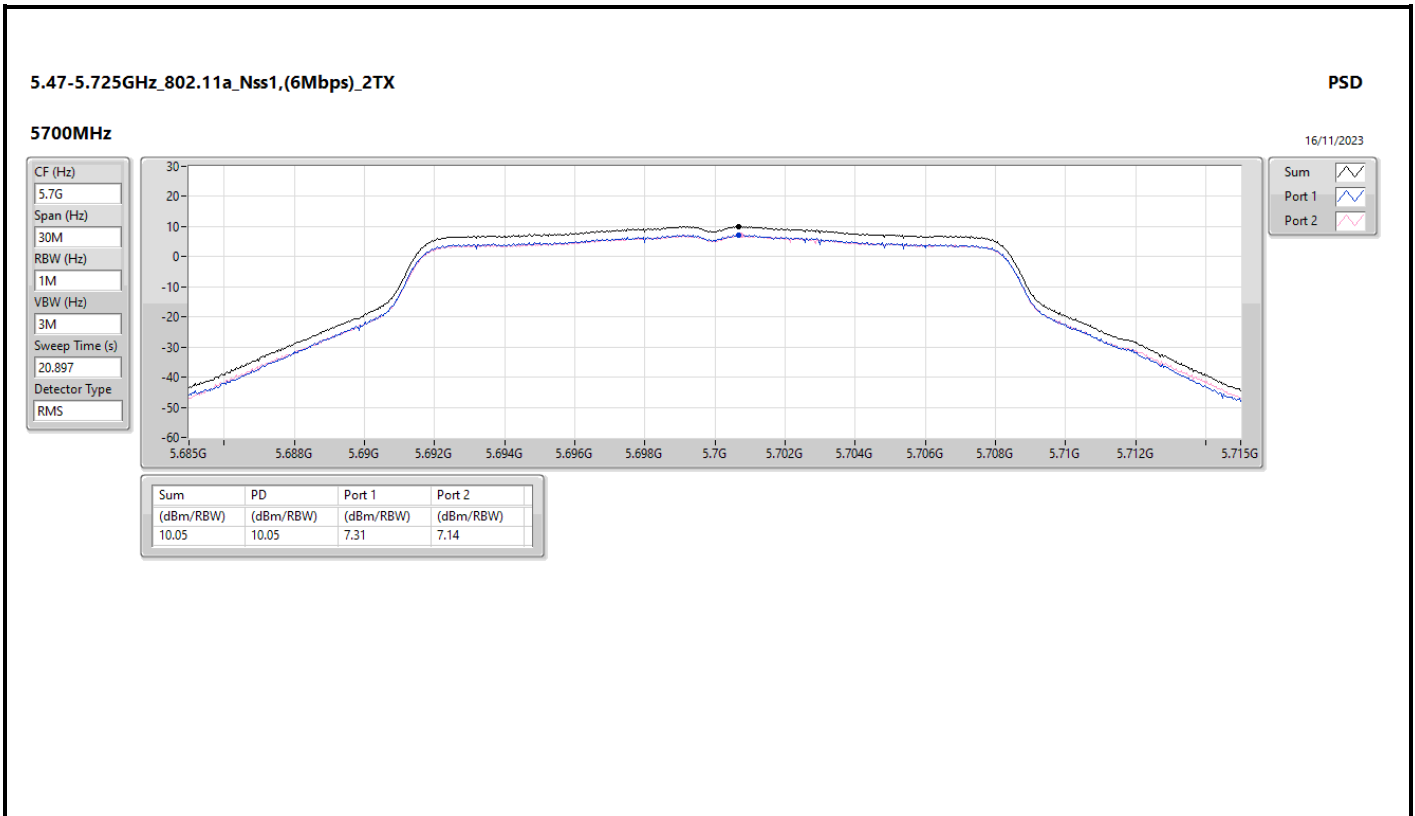


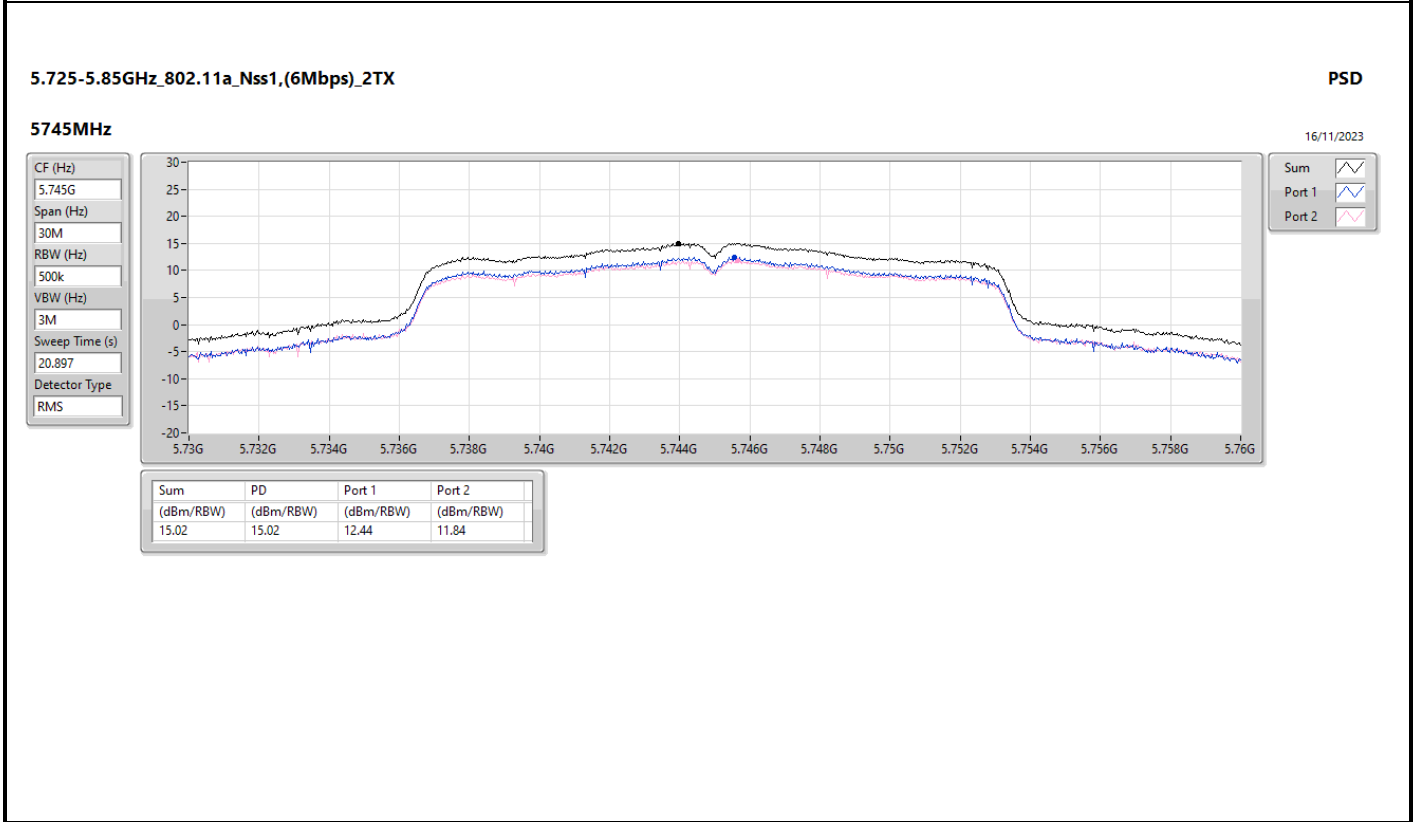
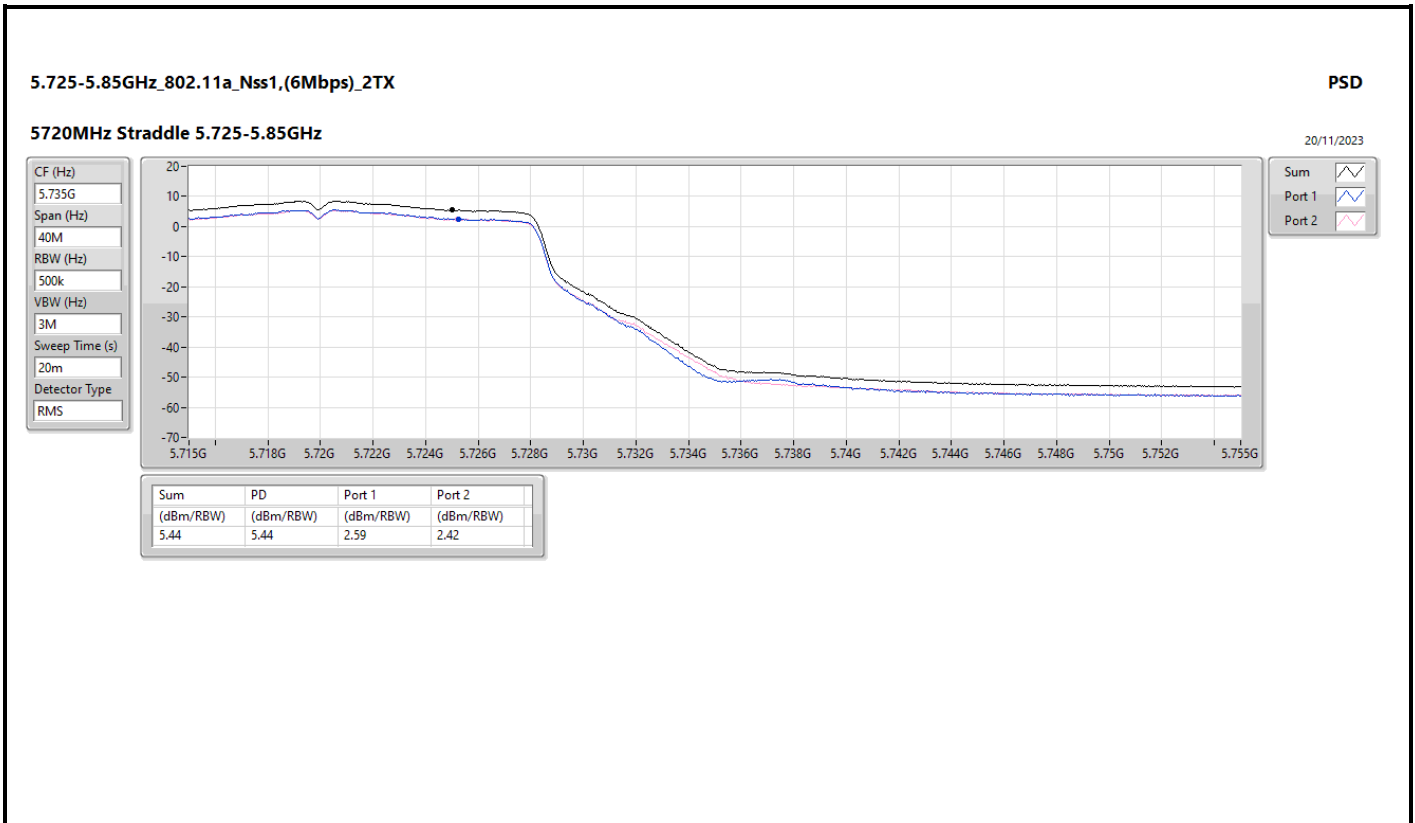


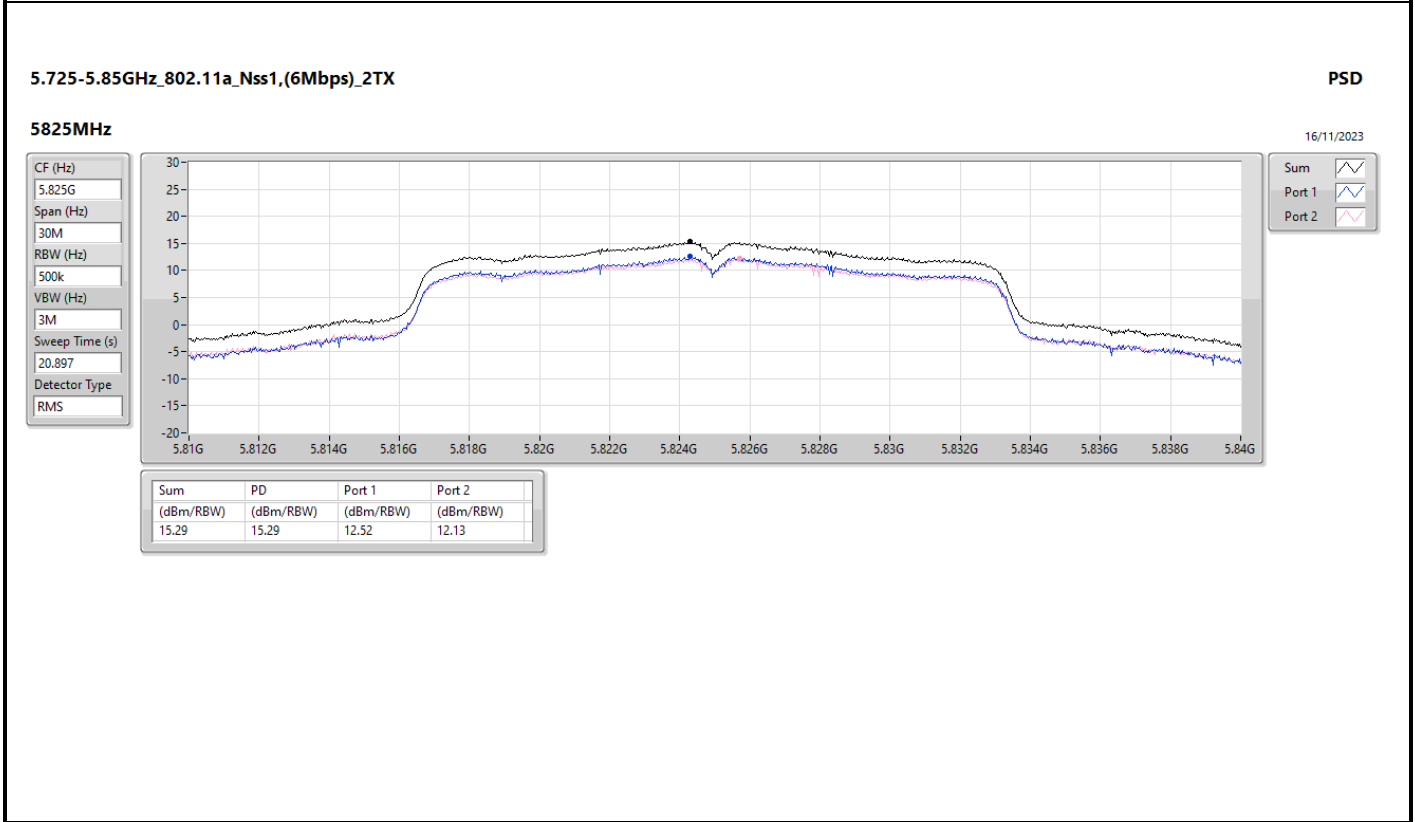
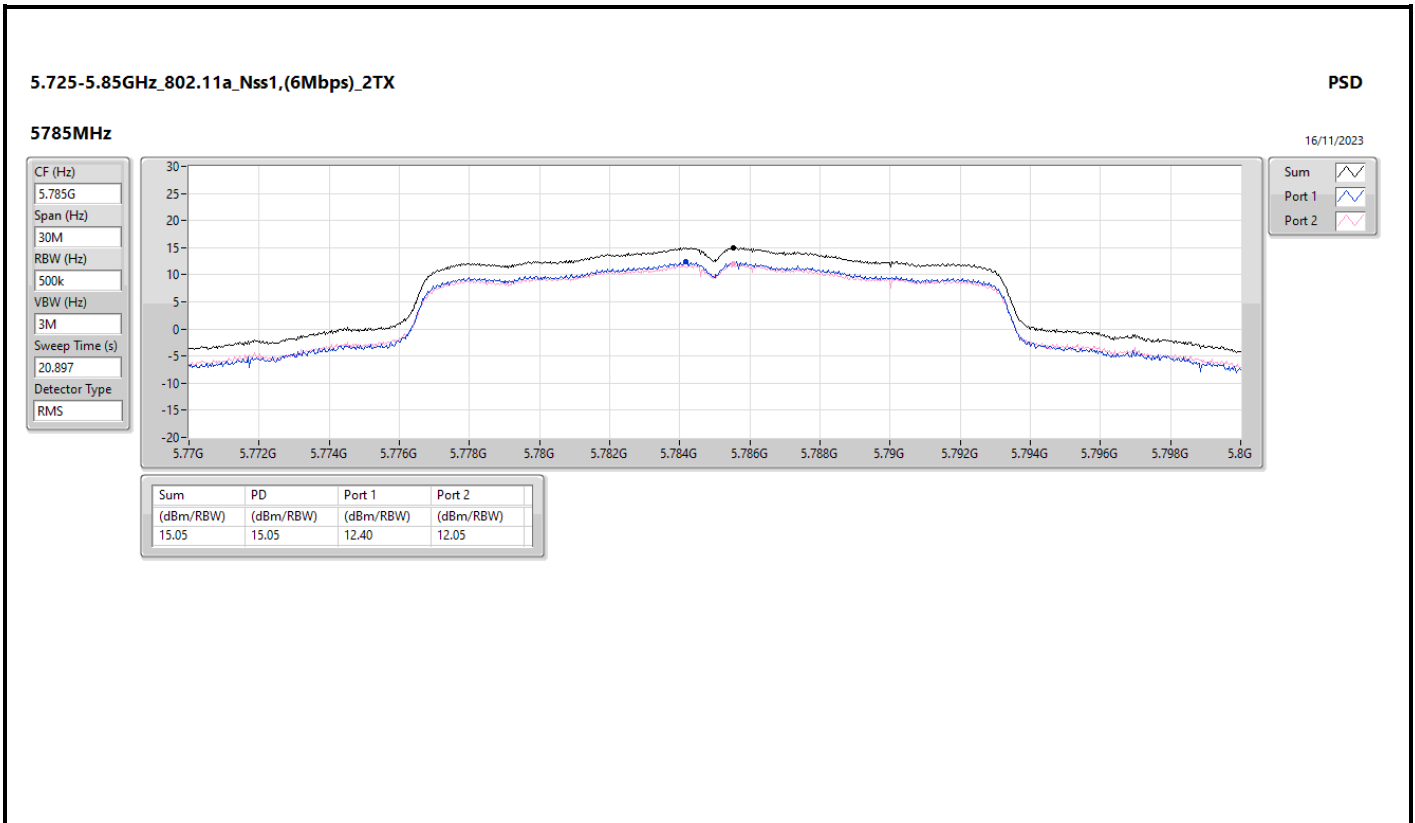


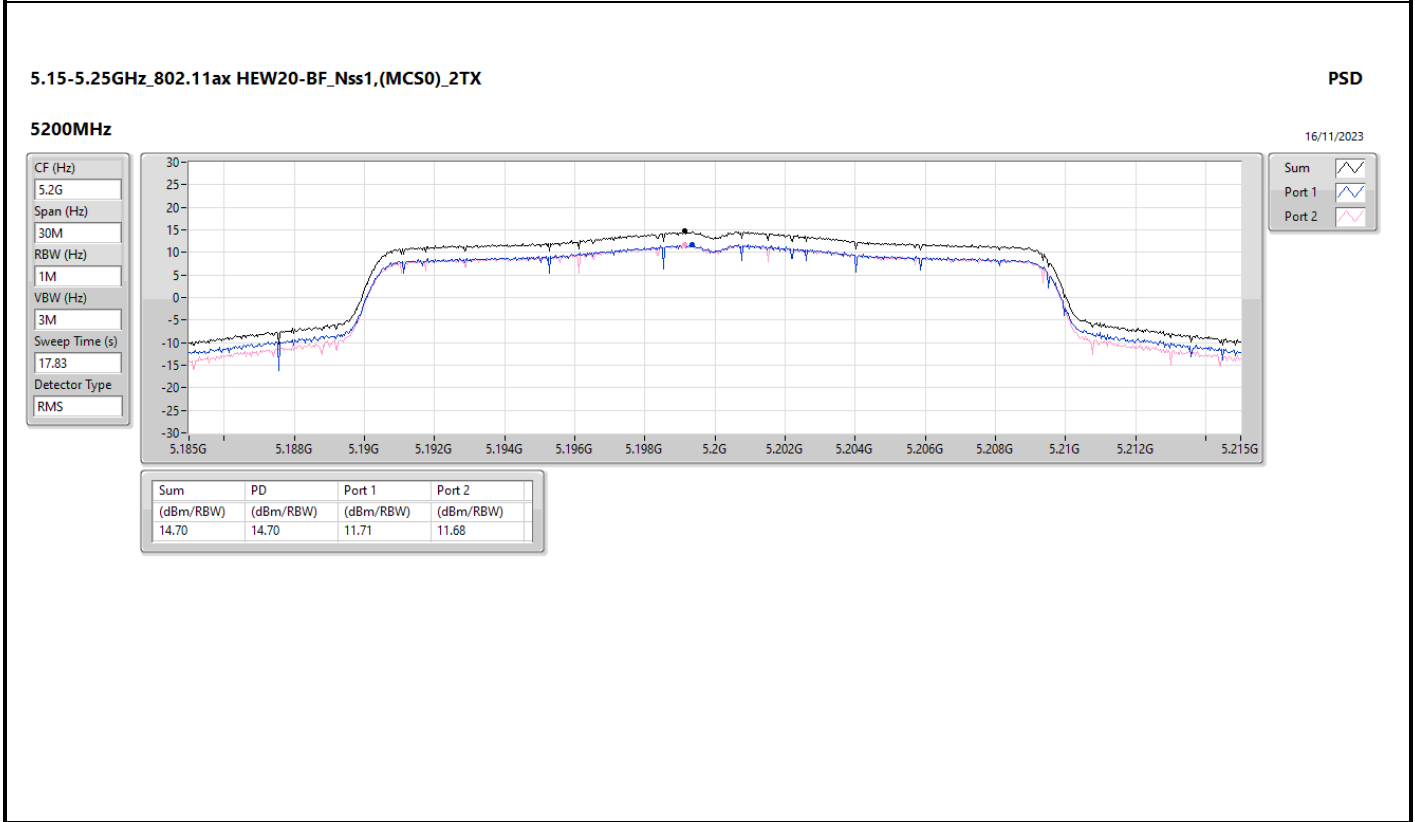
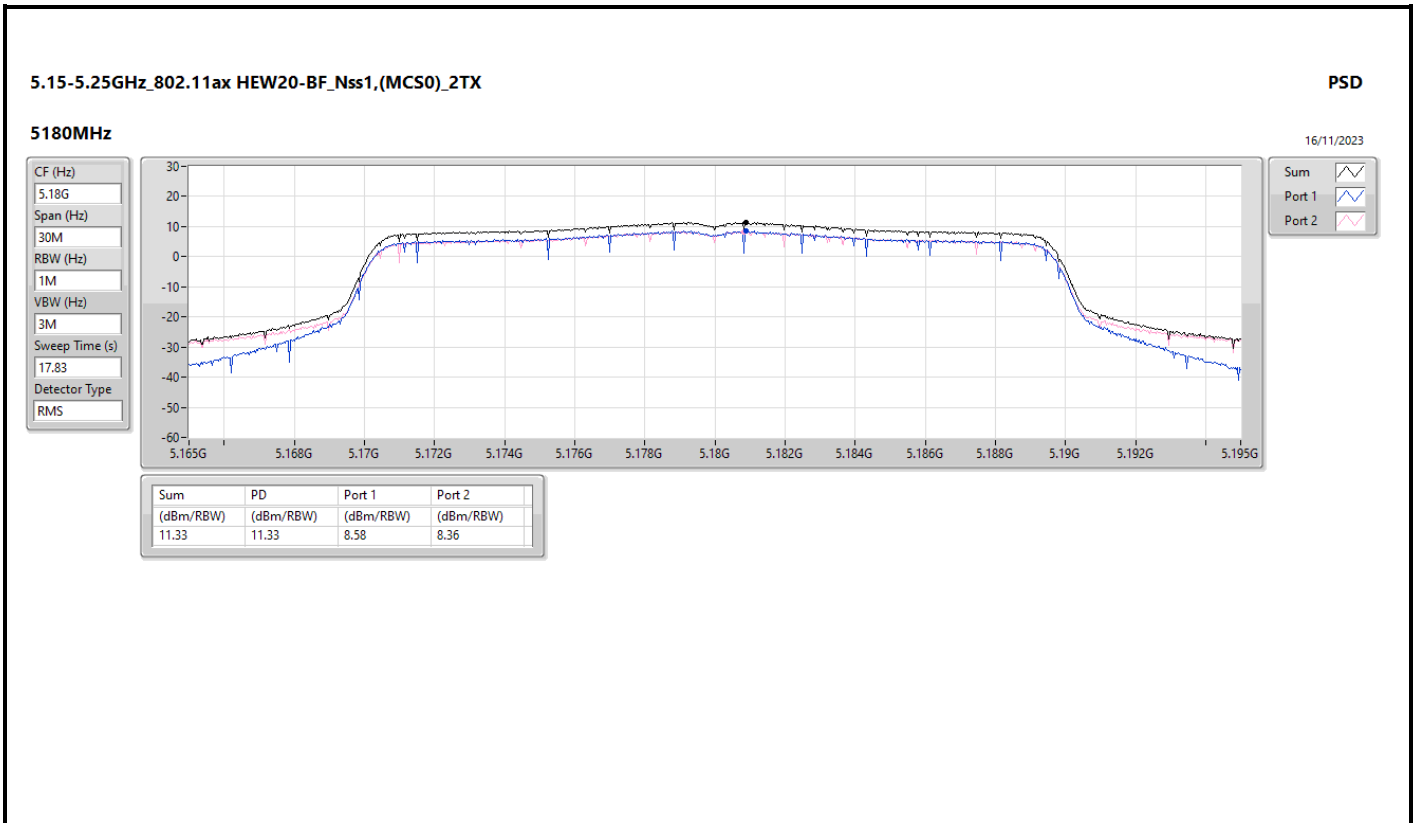




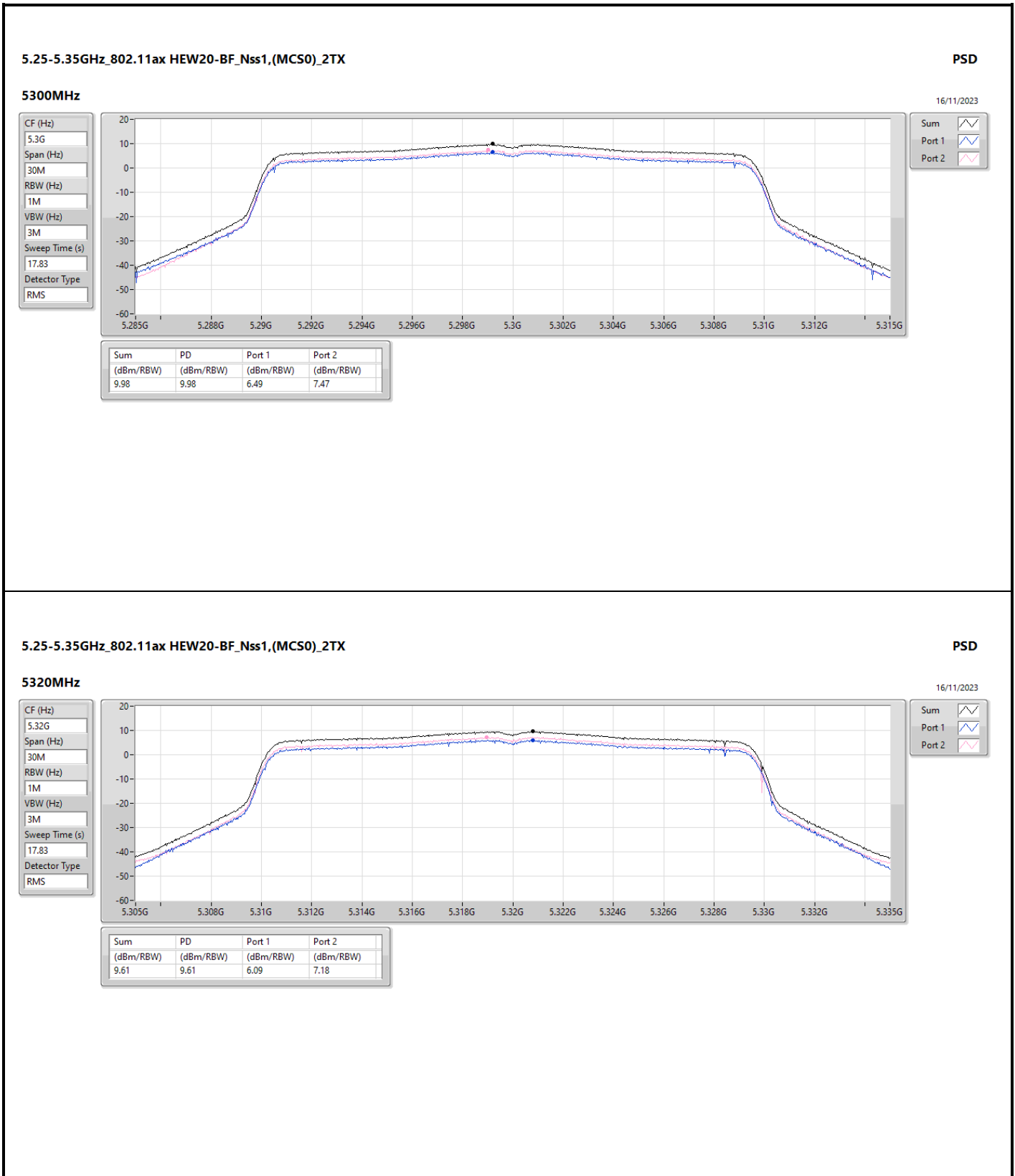




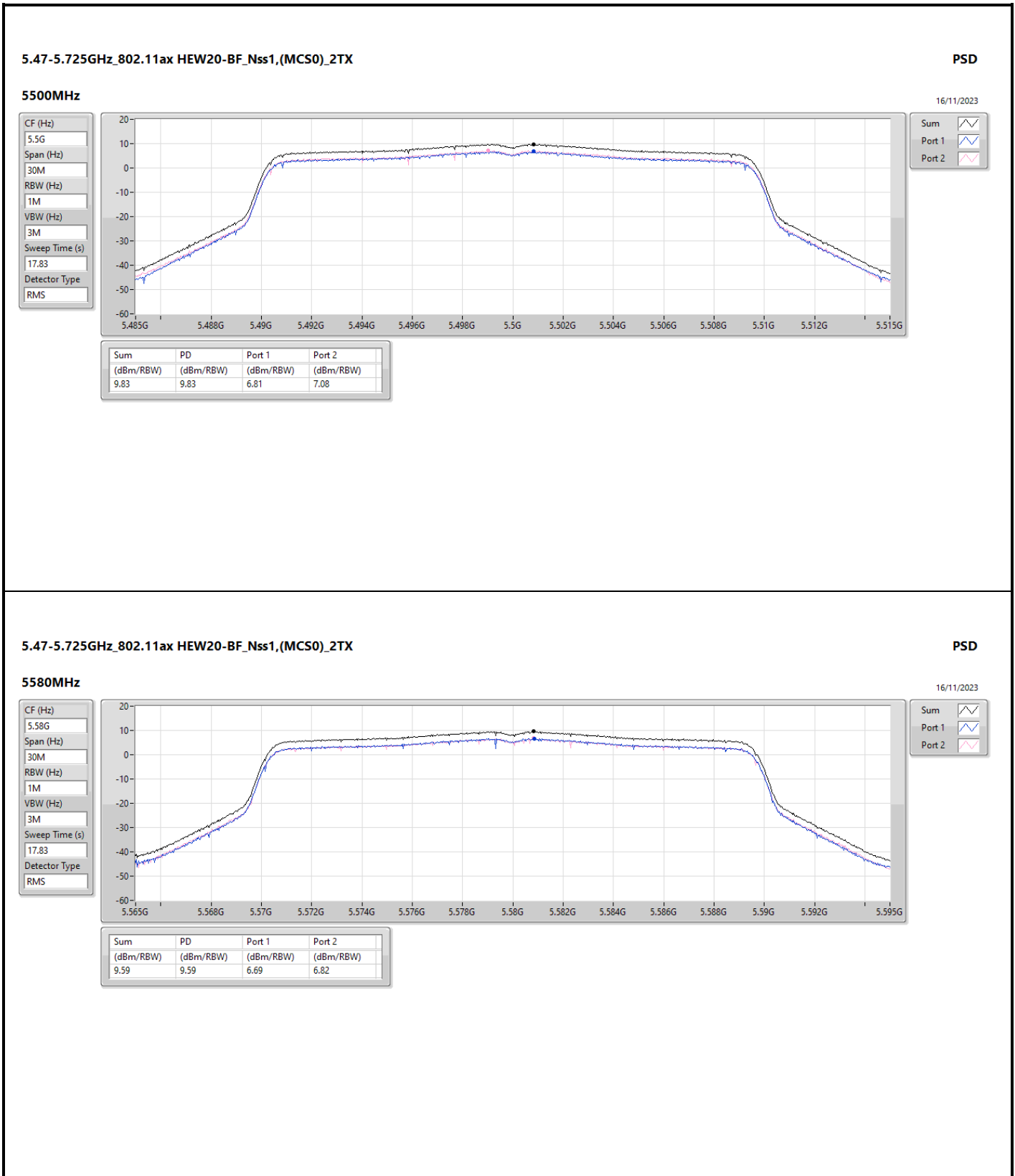


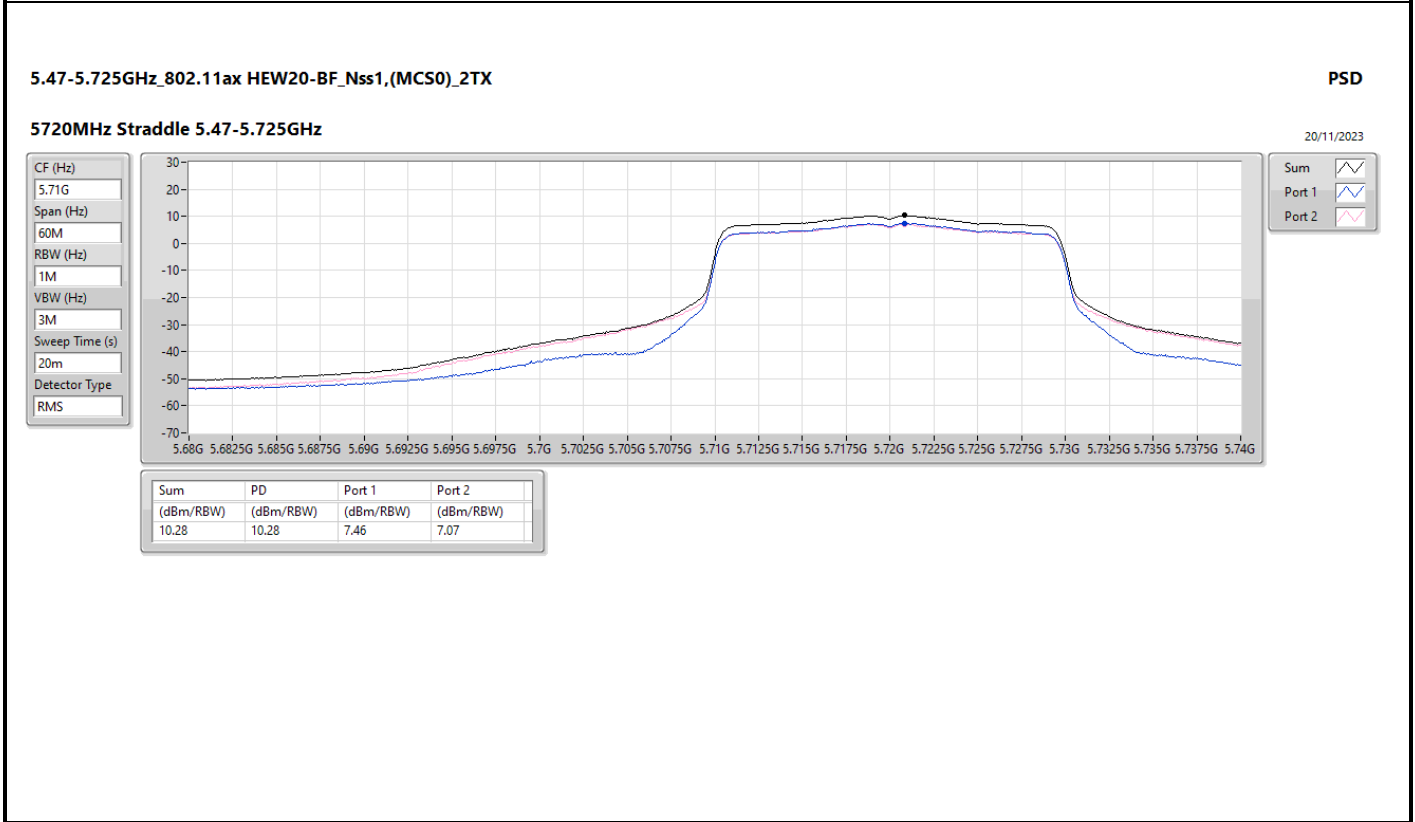
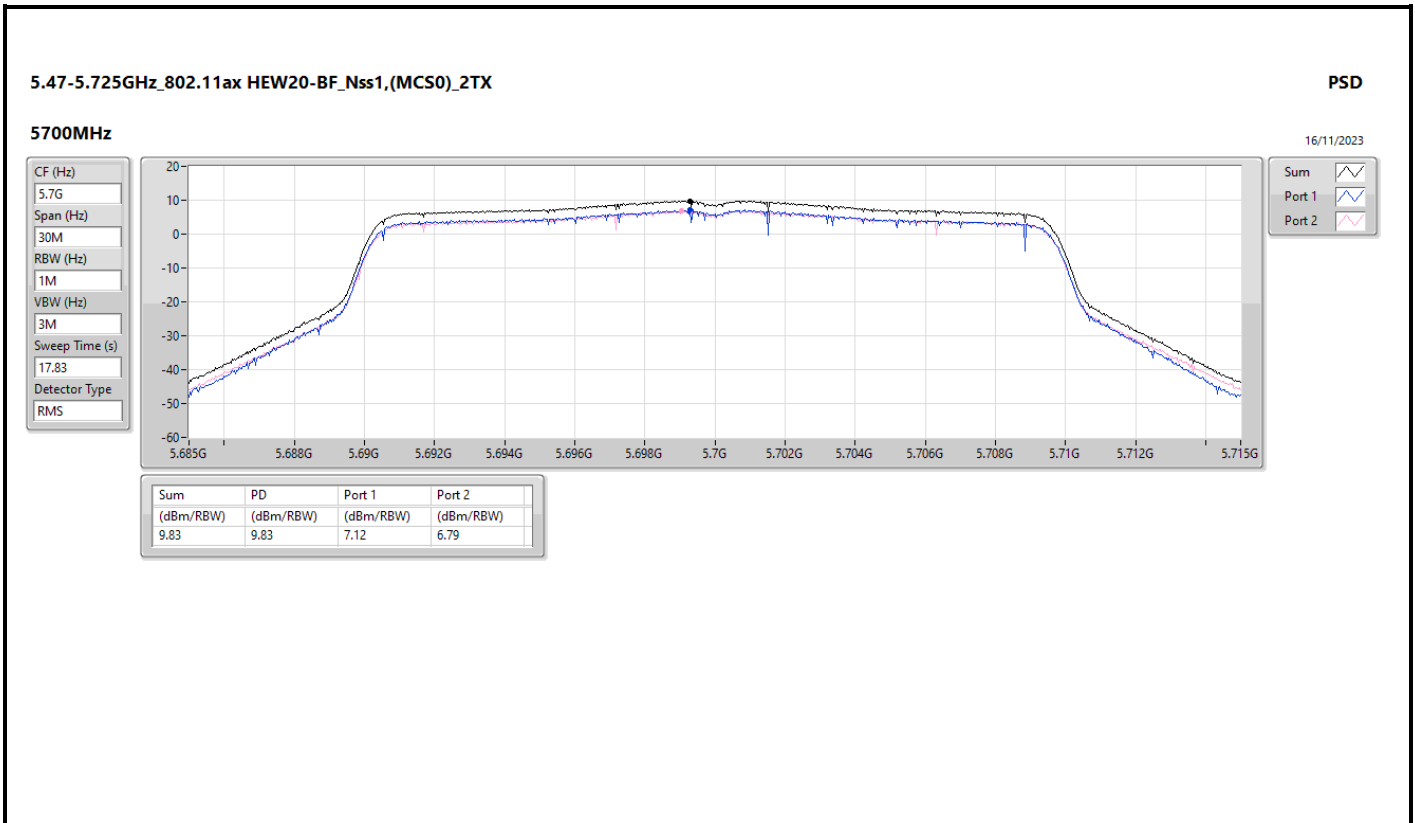


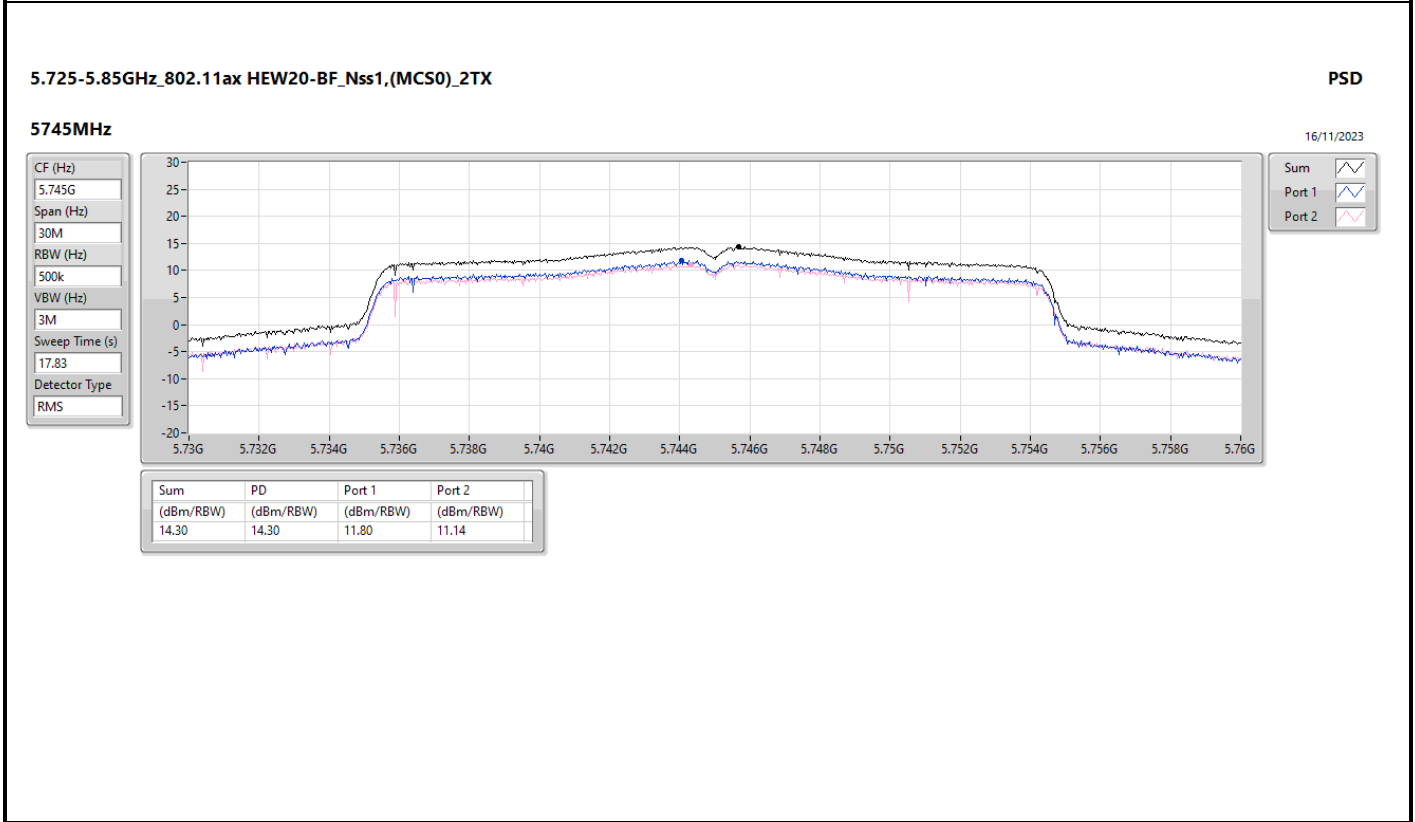
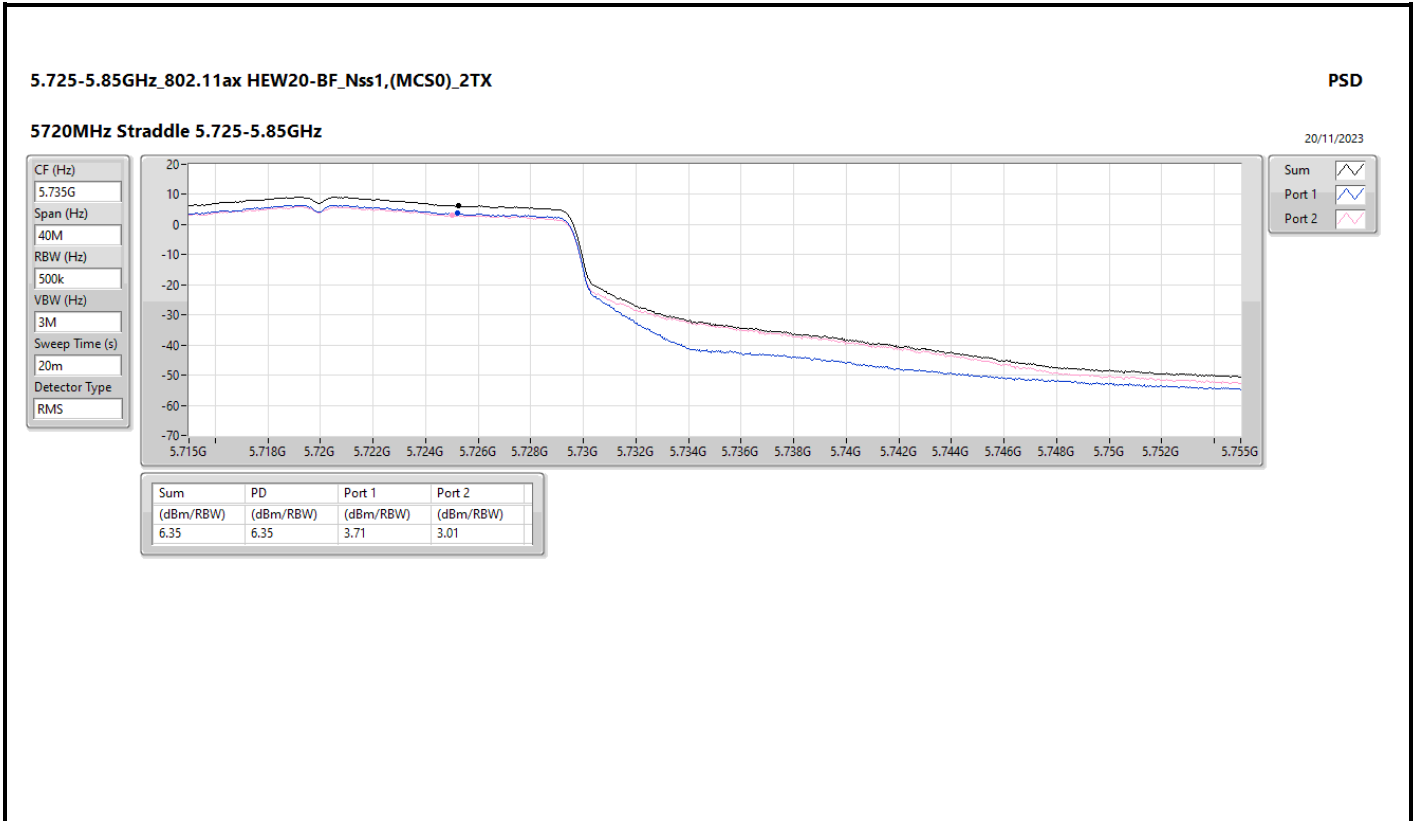


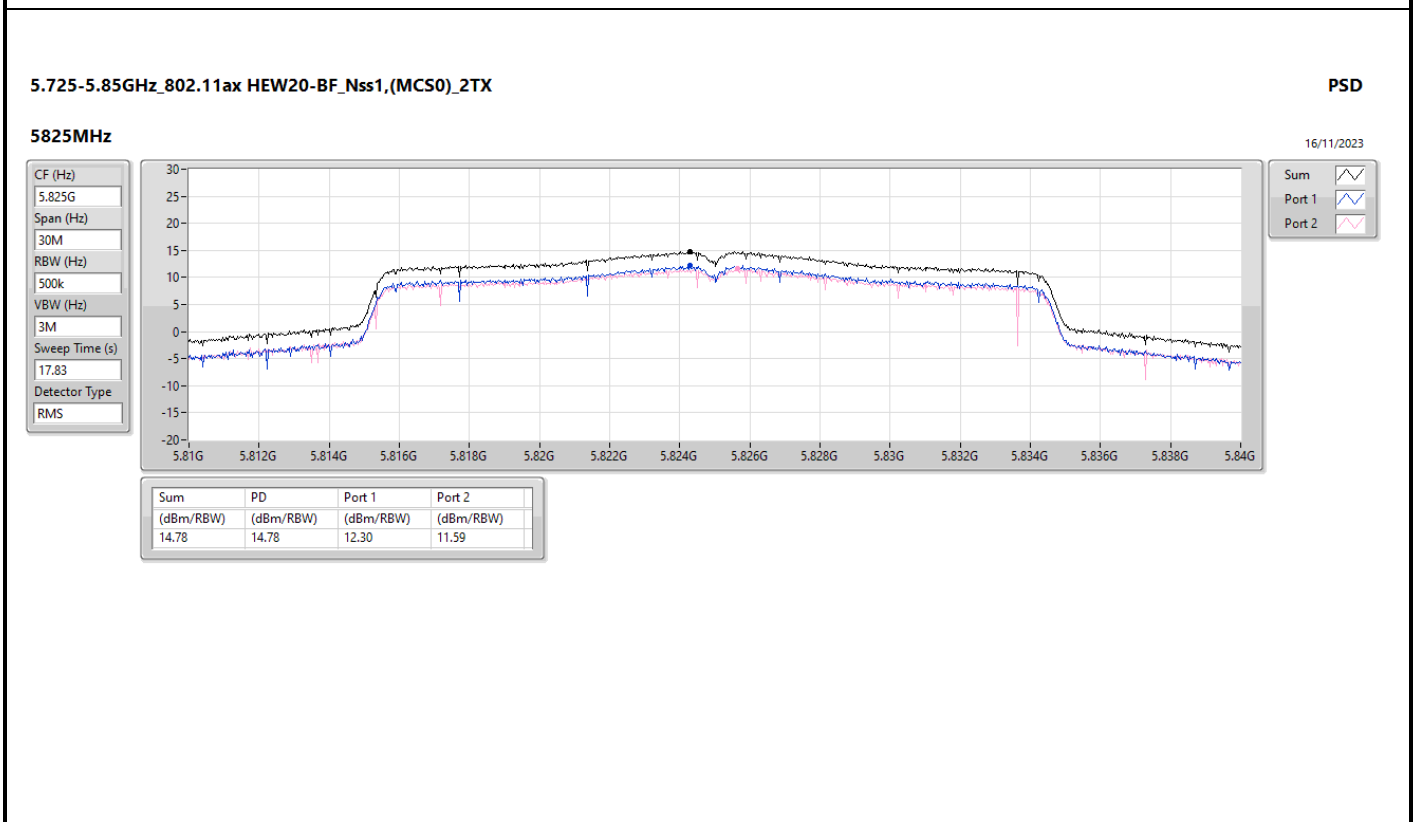
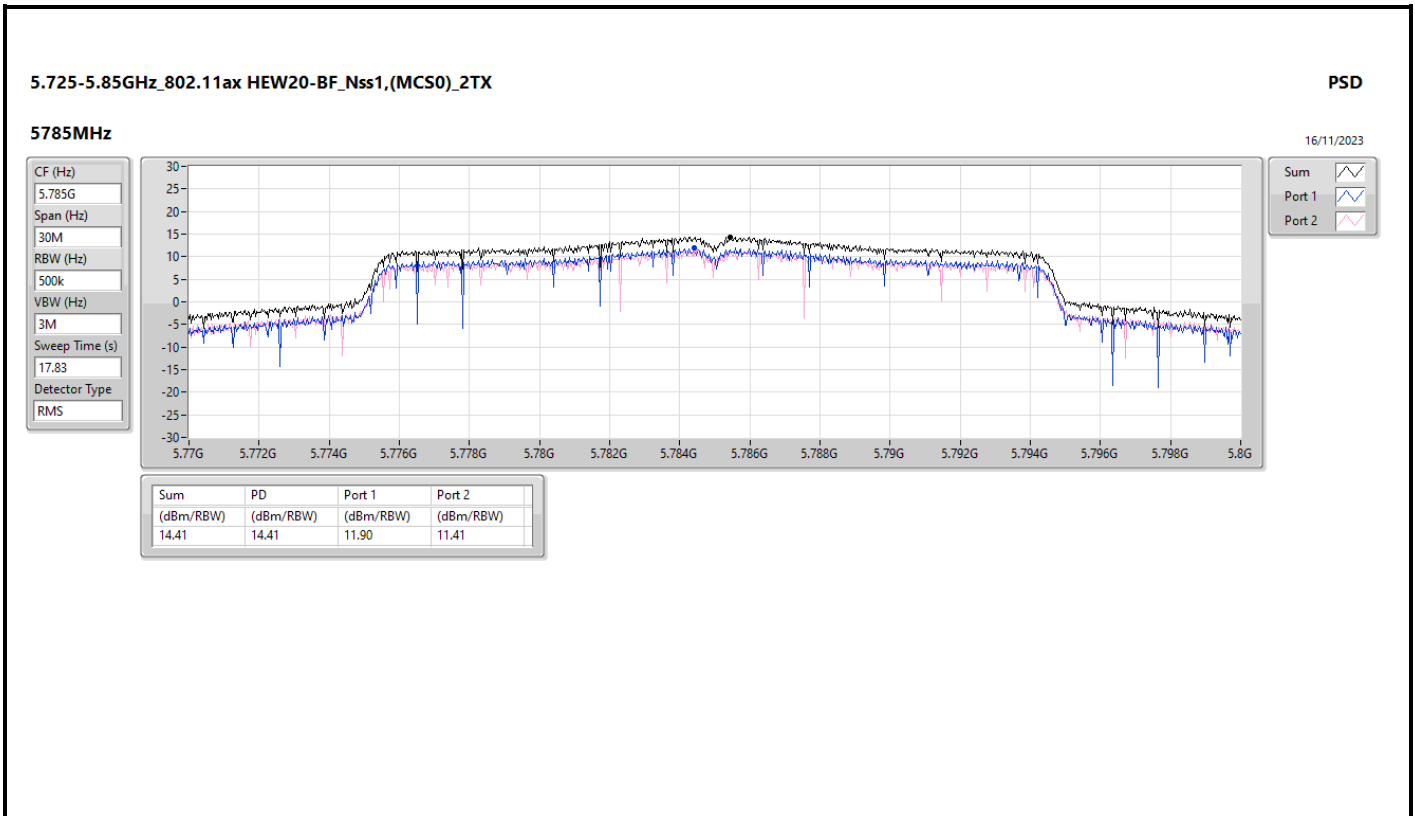


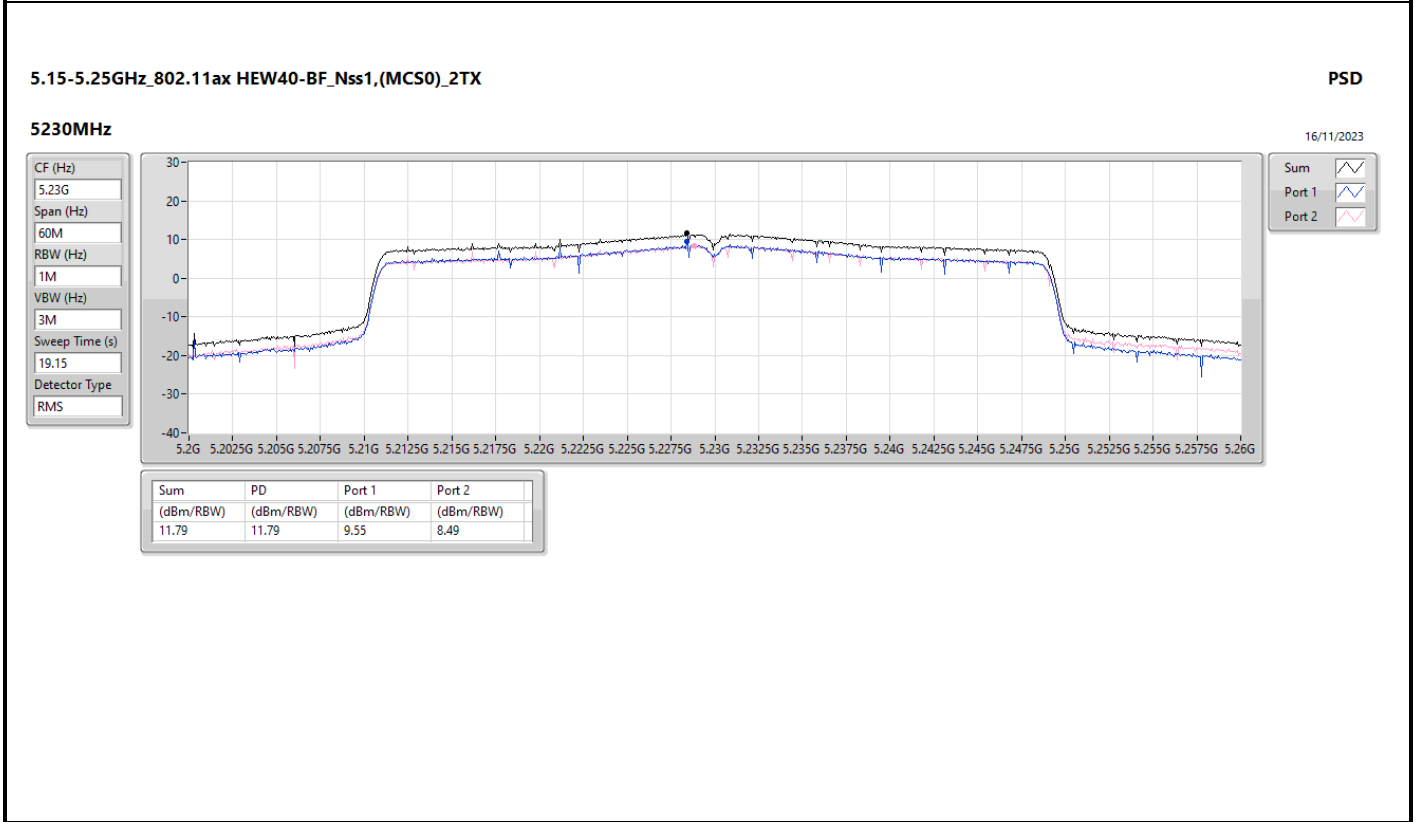
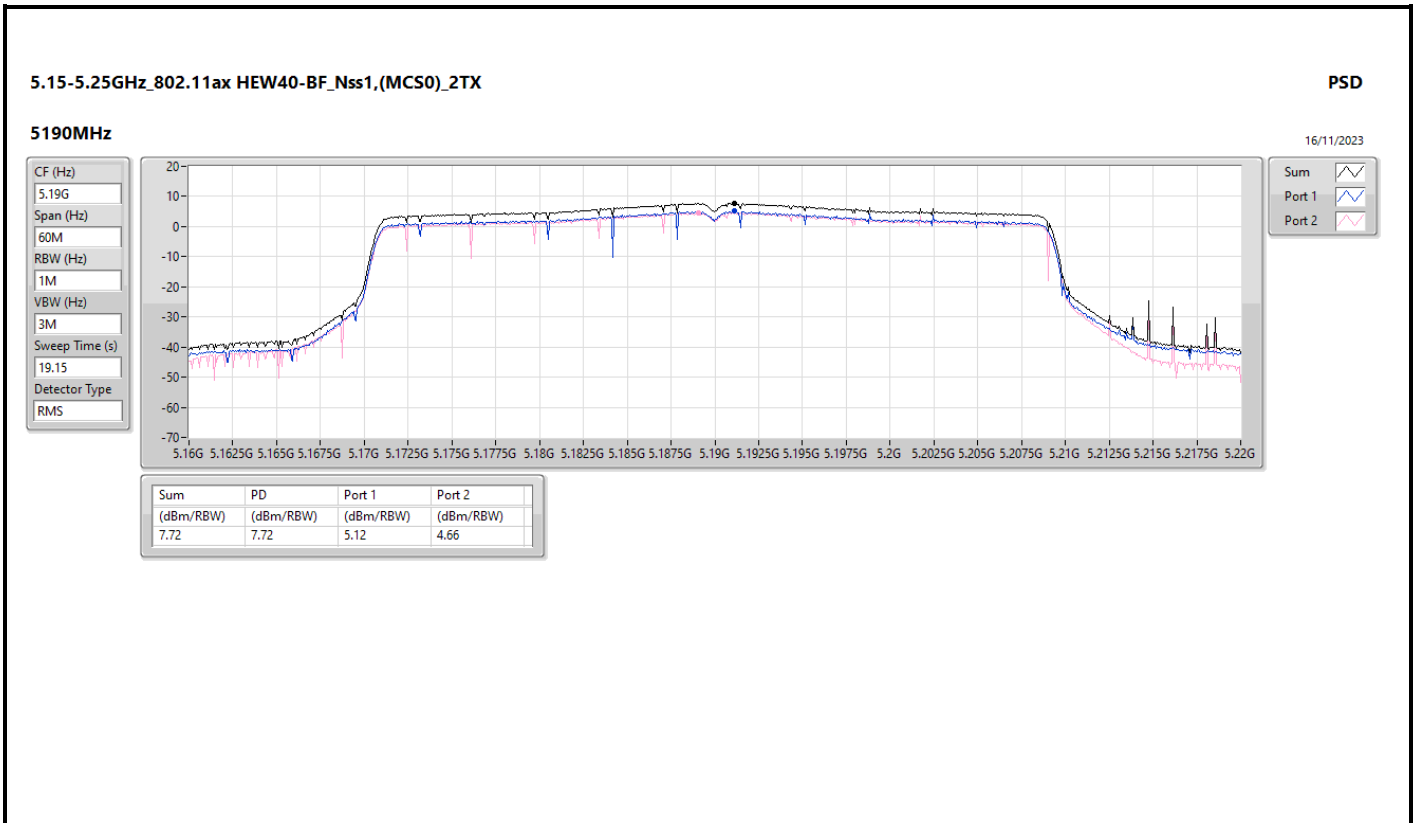


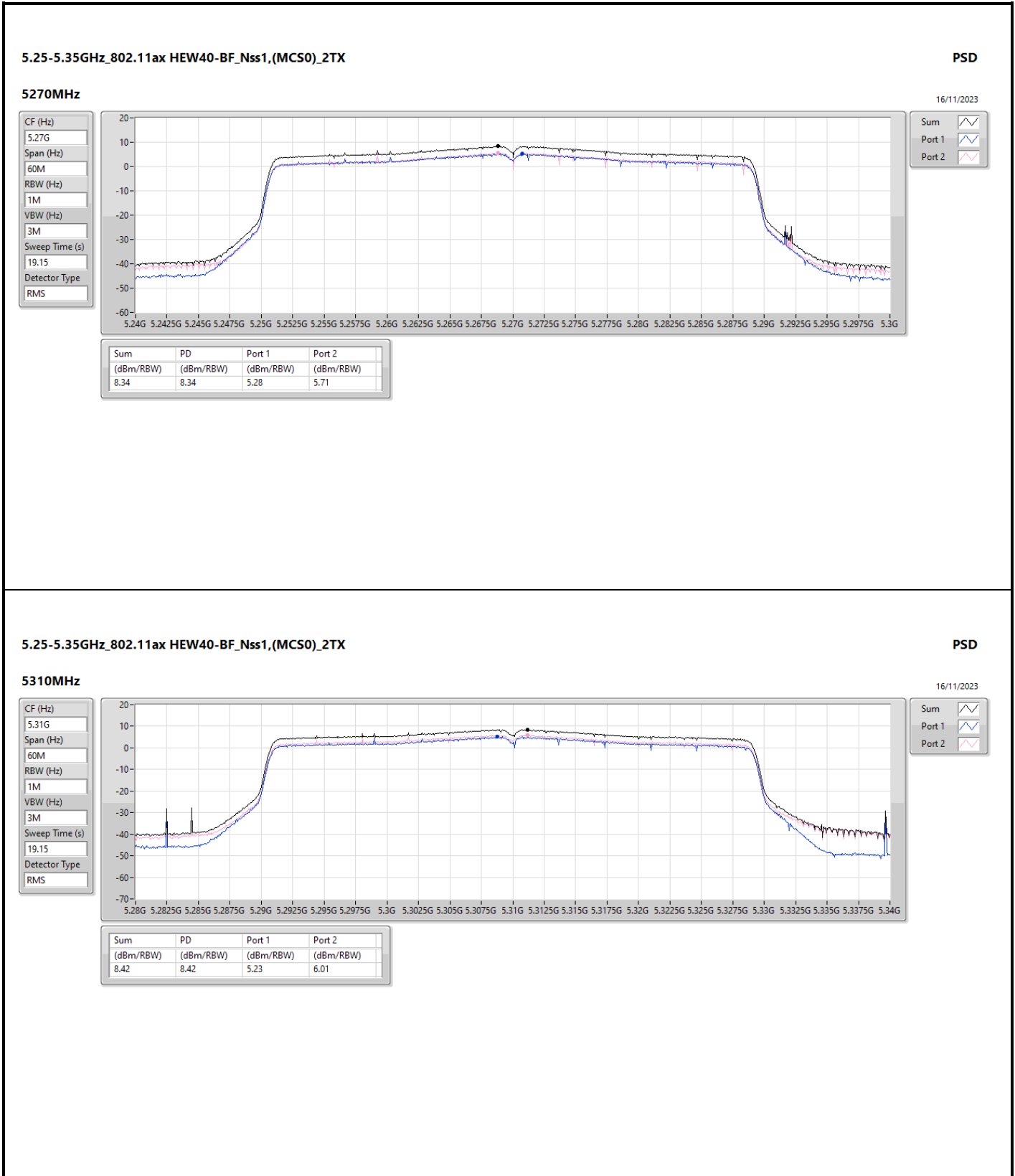


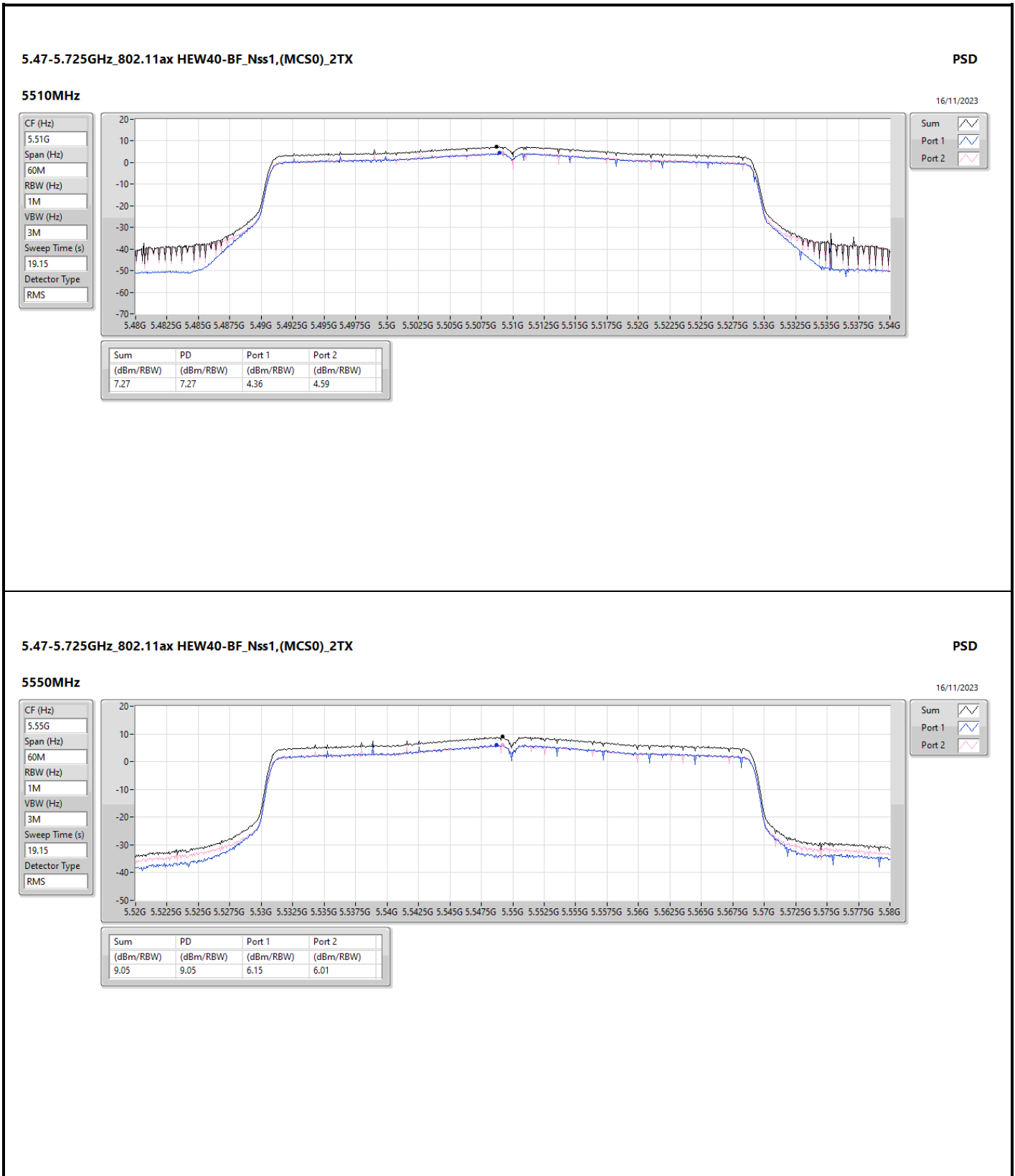


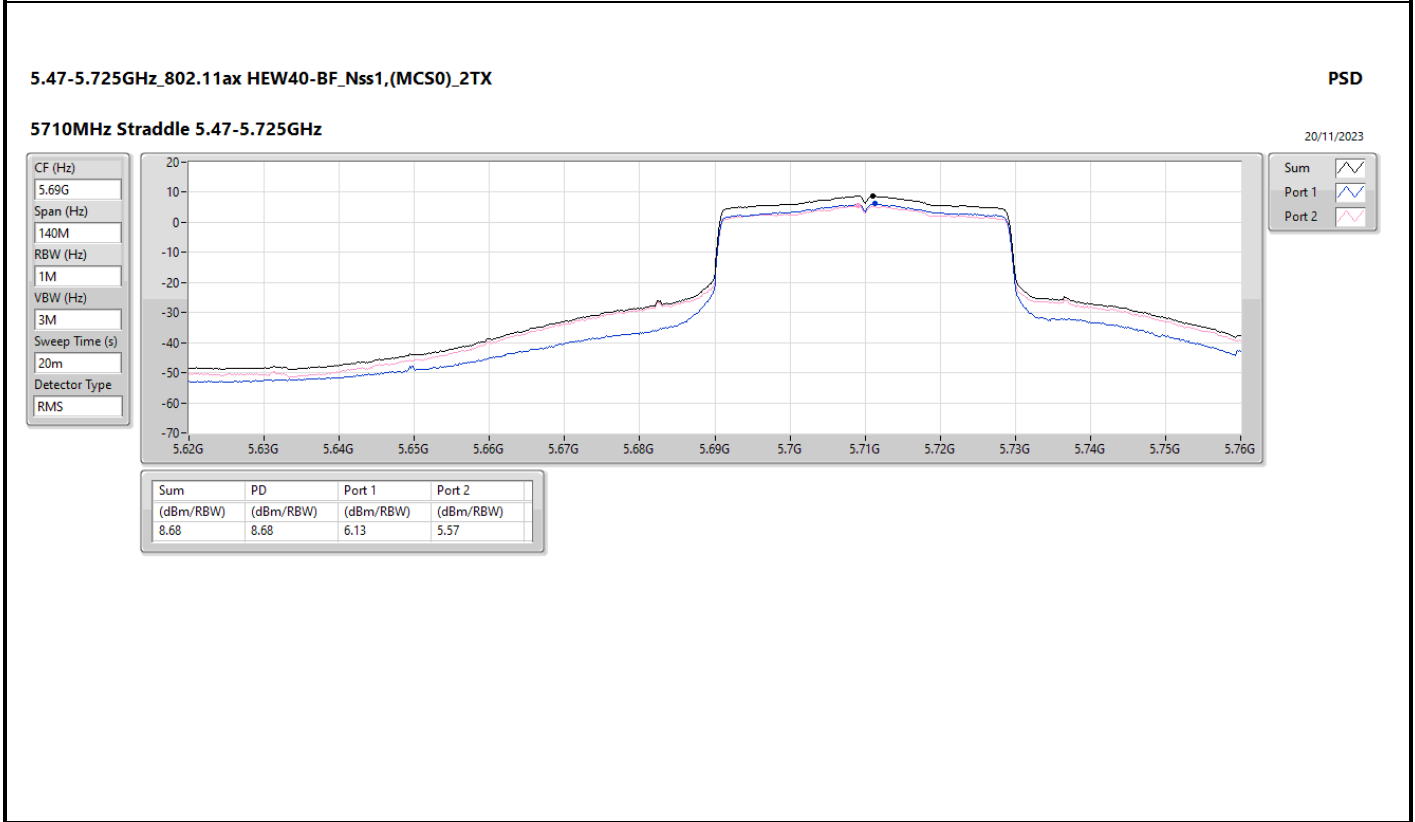
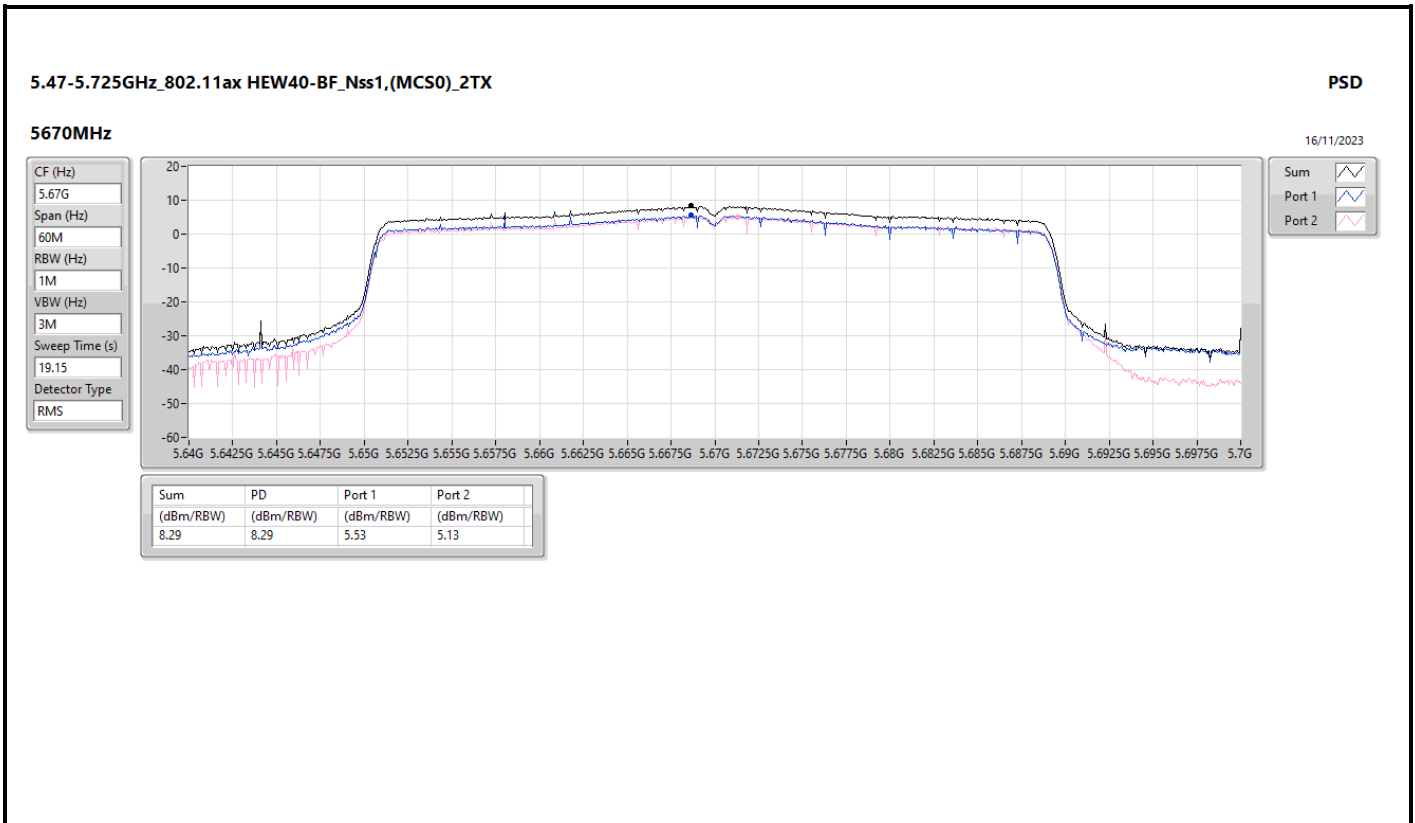




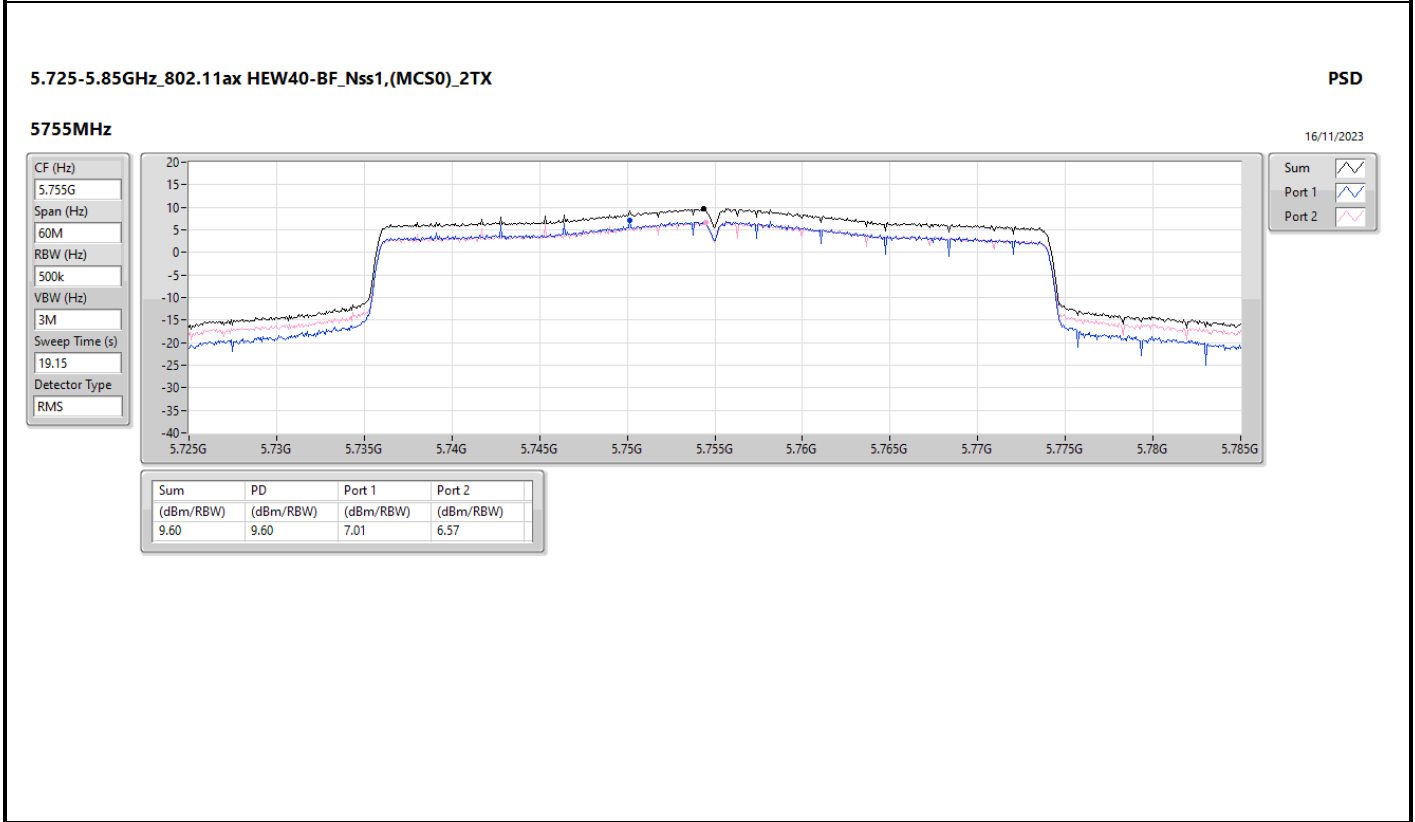
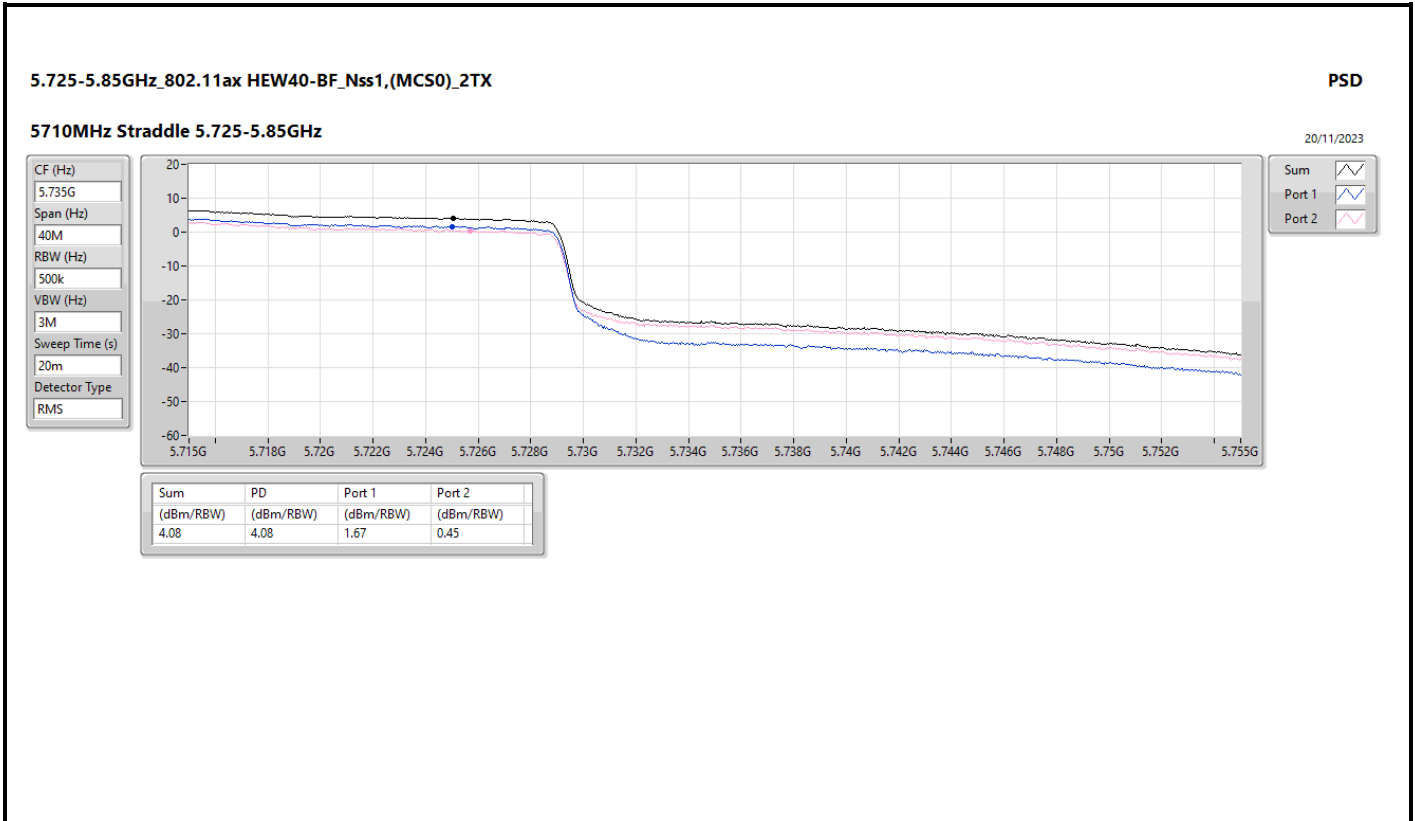


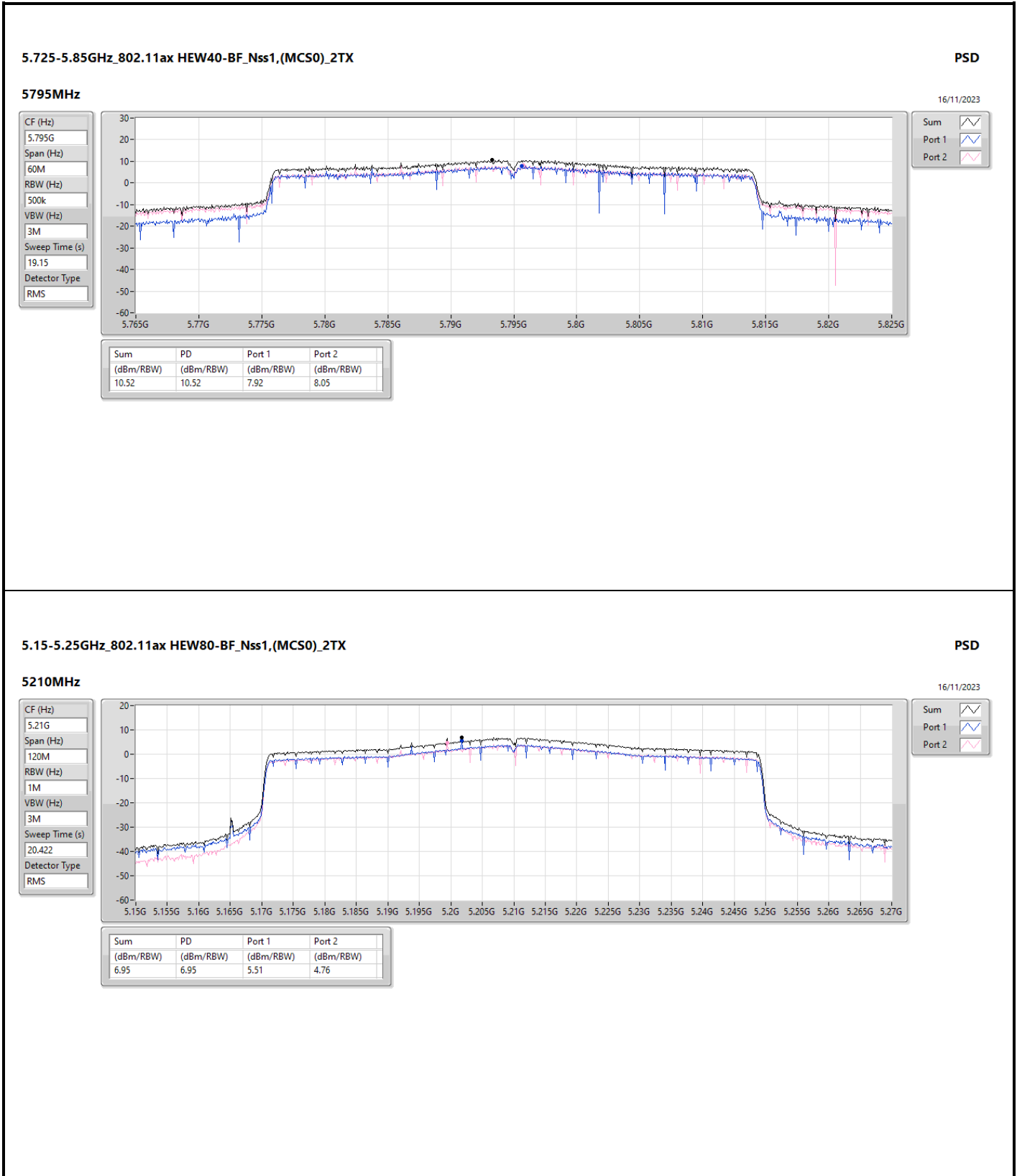


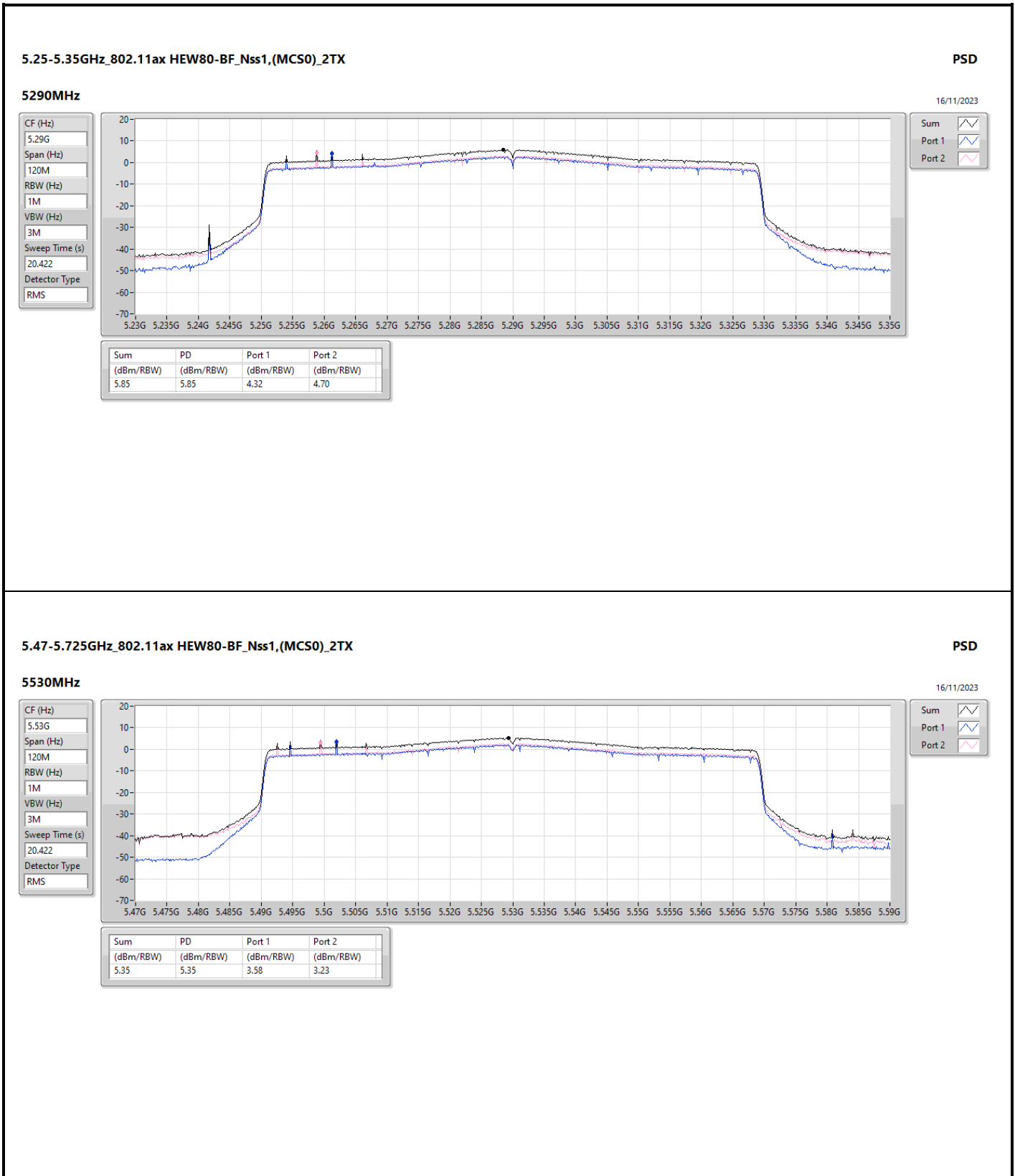


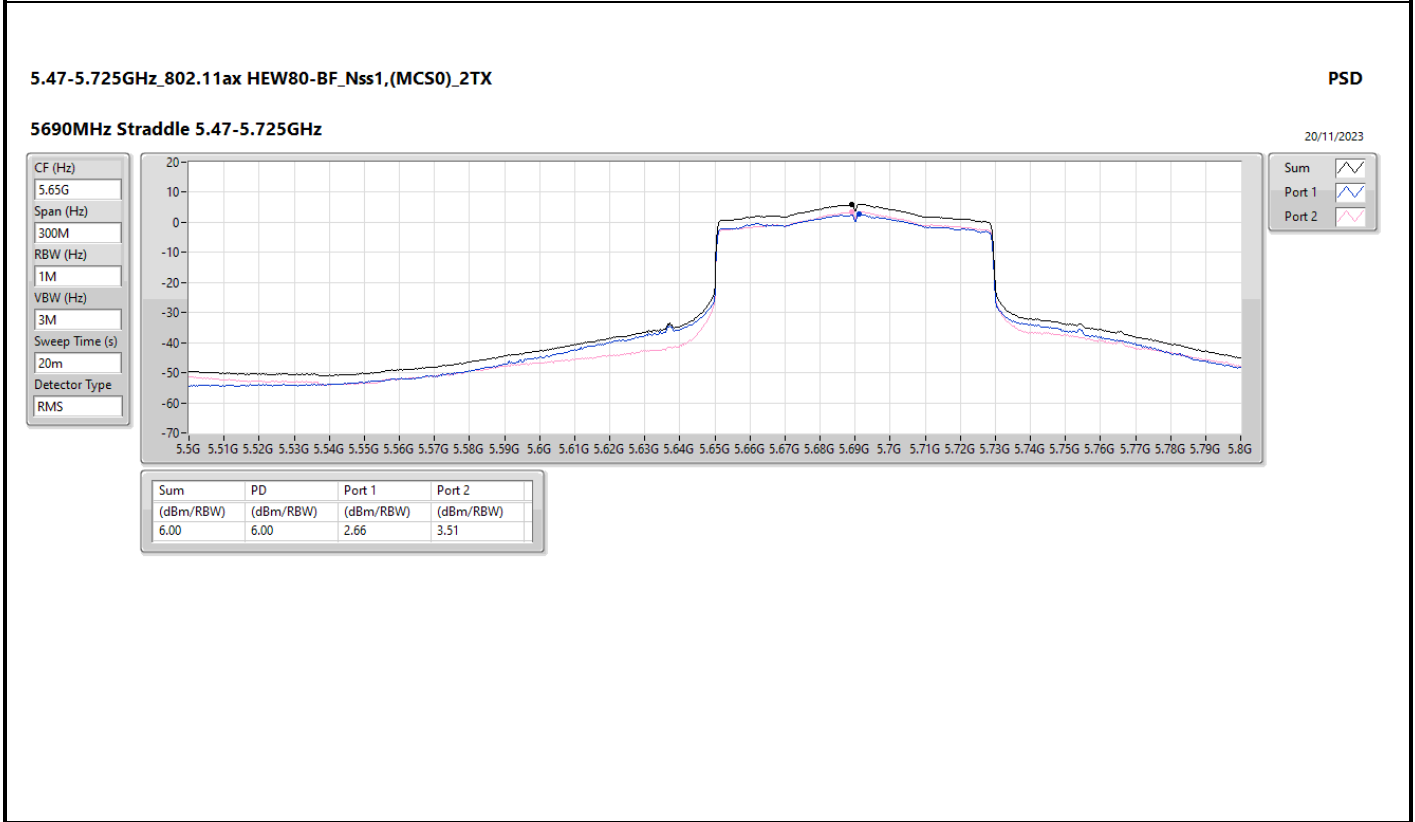
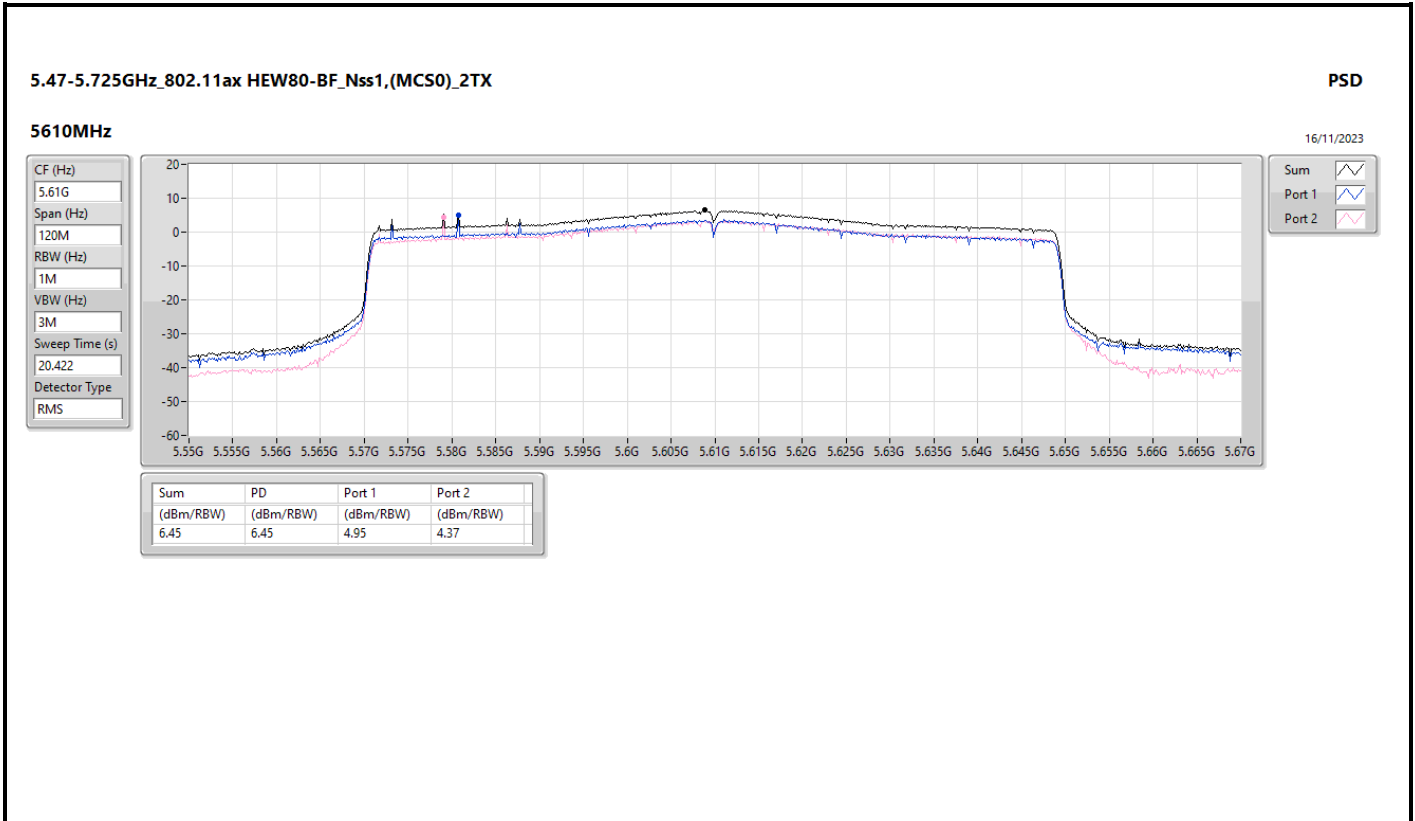


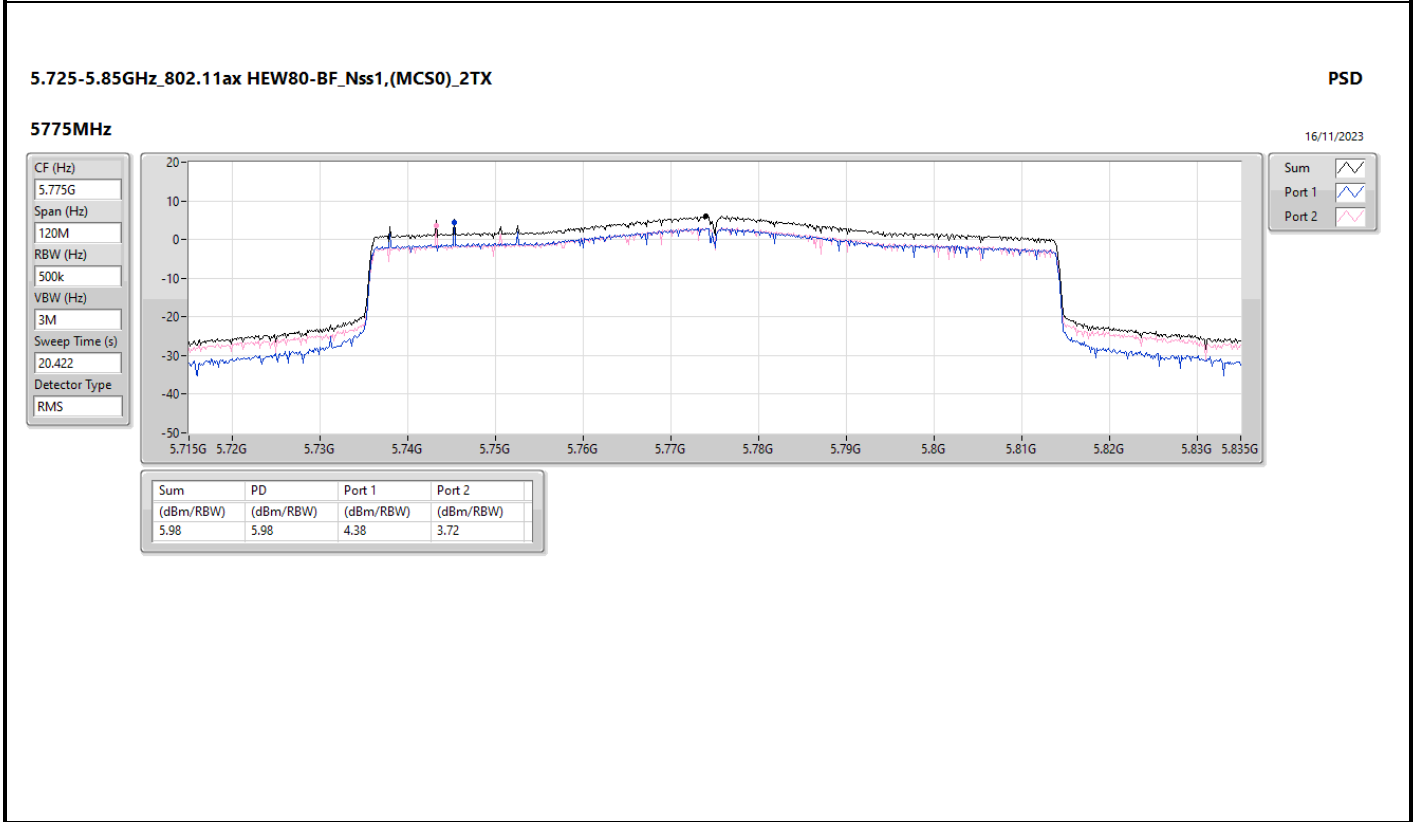
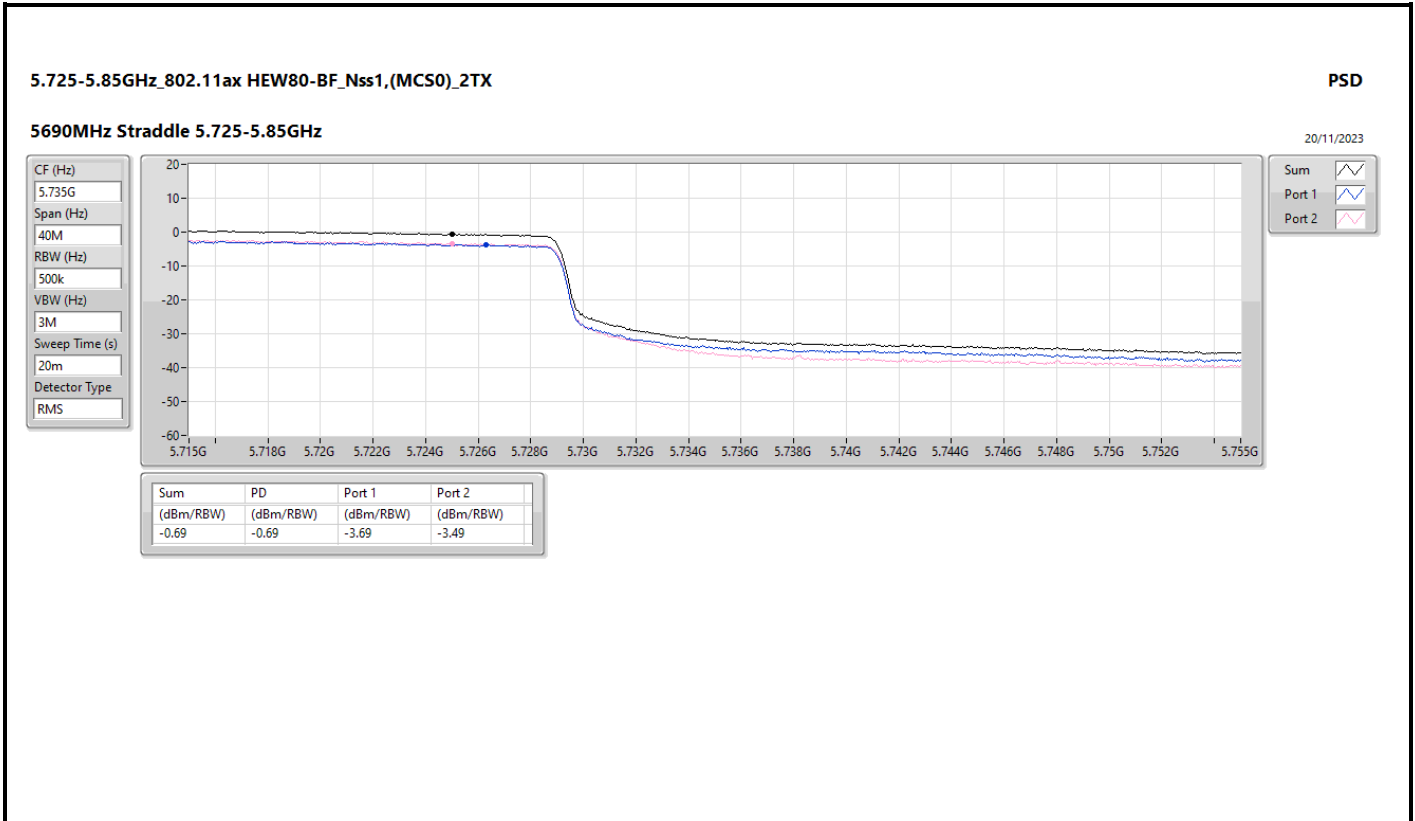


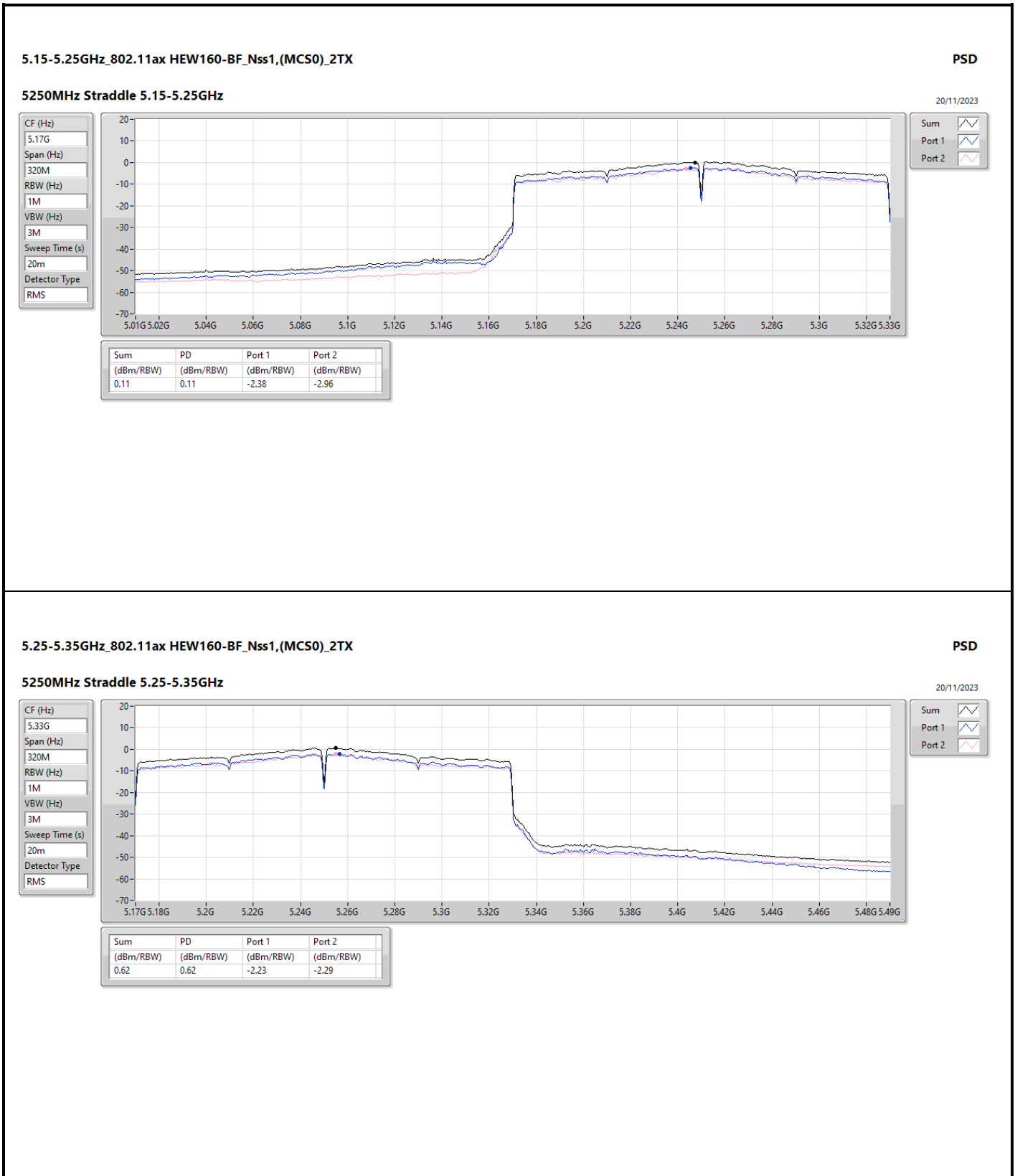












5.25-5.35GHz\_802.11ax HEW160-BF\_Nss1,(MCS0)\_2TX

PSD

5250MHz Straddle 5.25-5.35GHz

20/11/2023

CF (Hz)  
5.33G

Span (Hz)  
320M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
20m

Detector Type  
RMS

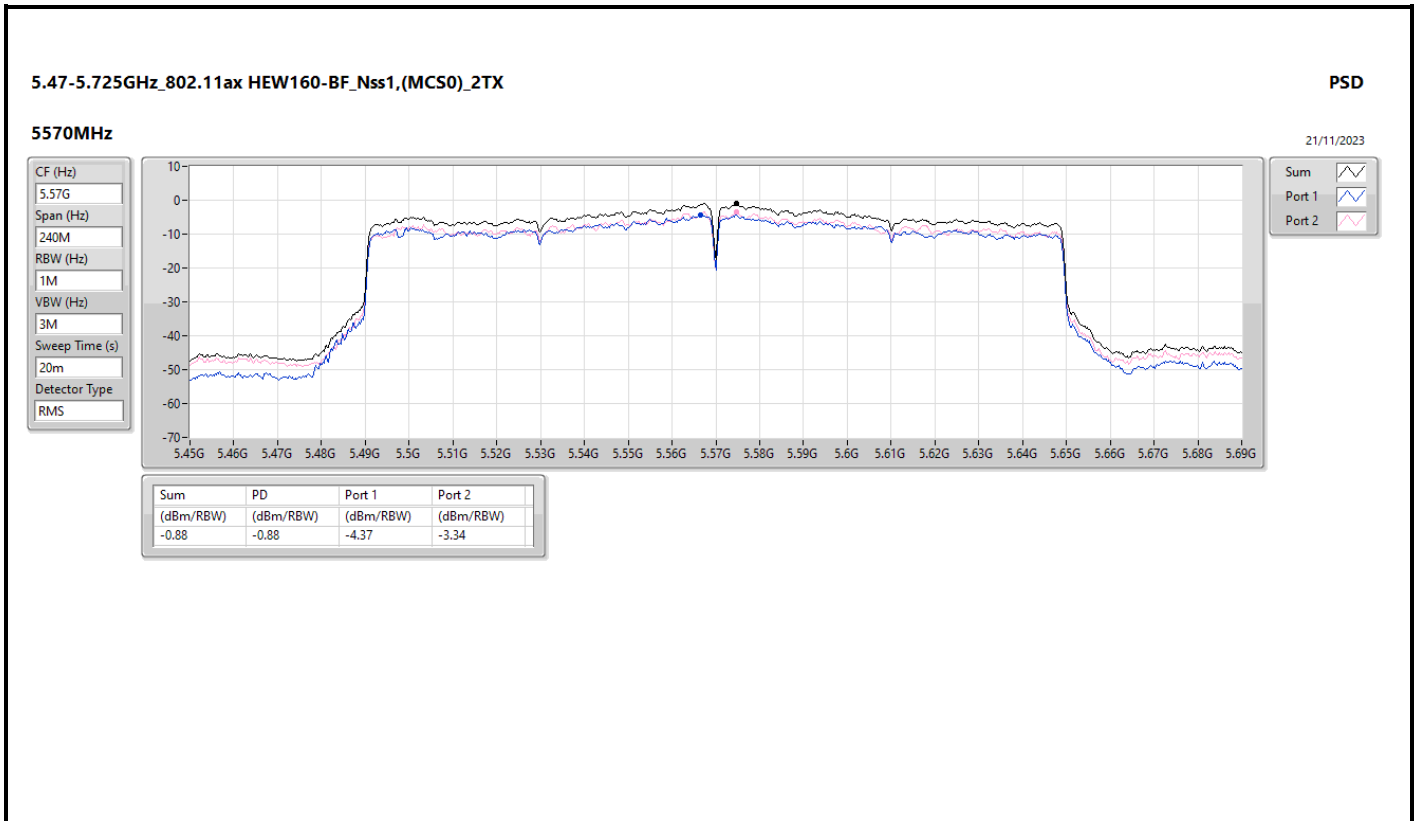


Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.62	0.62	-2.23	-2.29



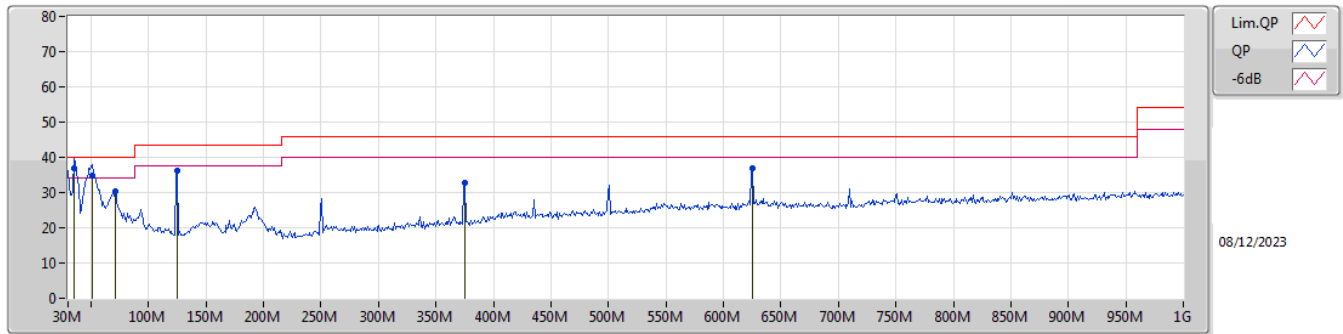


**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	QP	34.85M	36.99	40.00	-3.01	Vertical

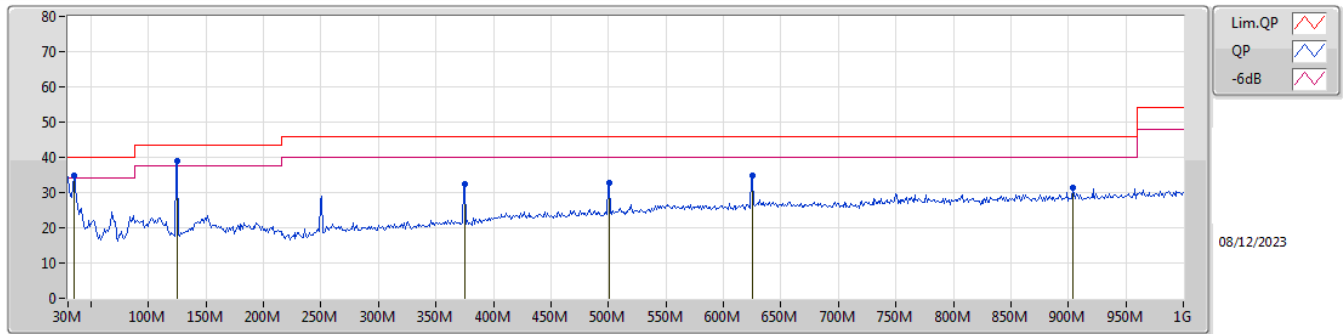


Mode 2



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
QP	34.85M	36.99	40.00	-3.01	-5.50	3	Vertical	103	1.00	"Worst"	42.49	22.35	0.68	28.53
QP	51.34M	34.82	40.00	-5.18	-14.00	3	Vertical	360	1.00	-	48.82	13.82	0.81	28.63
PK	70.74M	30.29	40.00	-9.71	-15.19	3	Vertical	195	1.50	-	45.48	12.38	0.95	28.52
PK	125.06M	36.34	43.50	-7.16	-9.22	3	Vertical	81	1.00	-	45.56	17.91	1.28	28.41
PK	375.32M	32.87	46.00	-13.13	-5.50	3	Vertical	41	1.50	-	38.37	20.73	2.25	28.48
PK	625.58M	37.02	46.00	-8.98	-1.09	3	Vertical	192	1.50	-	38.11	25.24	2.99	29.32

## Mode 2



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	34.85M	35.00	40.00	-5.00	-5.50	3	Horizontal	174	1.00	-	40.50	22.35	0.68	28.53
PK	125.06M	38.91	43.50	-4.59	-9.22	3	Horizontal	272	3.00	"Worst"	48.13	17.91	1.28	28.41
PK	375.32M	32.28	46.00	-13.72	-5.50	3	Horizontal	132	1.00	-	37.78	20.73	2.25	28.48
PK	500.45M	32.62	46.00	-13.38	-3.34	3	Horizontal	145	2.00	-	35.96	23.35	2.65	29.34
PK	625.58M	34.73	46.00	-11.27	-1.09	3	Horizontal	152	1.50	-	35.82	25.24	2.99	29.32
PK	903.97M	31.53	46.00	-14.47	1.29	3	Horizontal	360	2.00	-	30.24	26.46	3.58	28.75

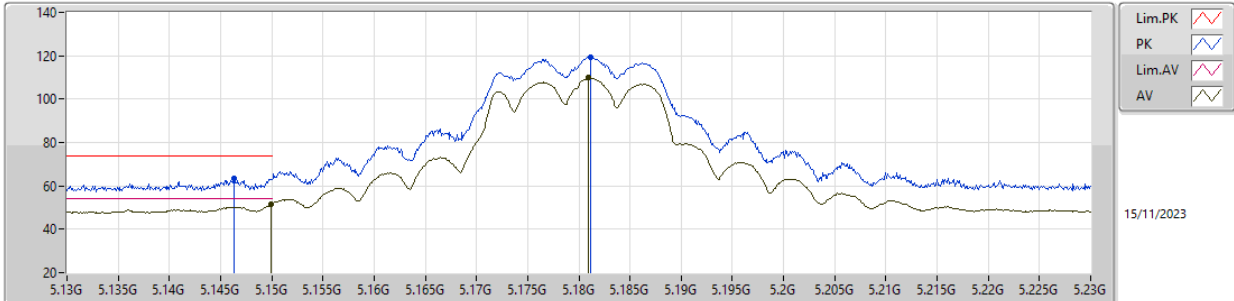


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	PK	5.8521G	68.12	68.20	-0.08	3	Vertical	337	1.80	-

5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5180MHz\_TX

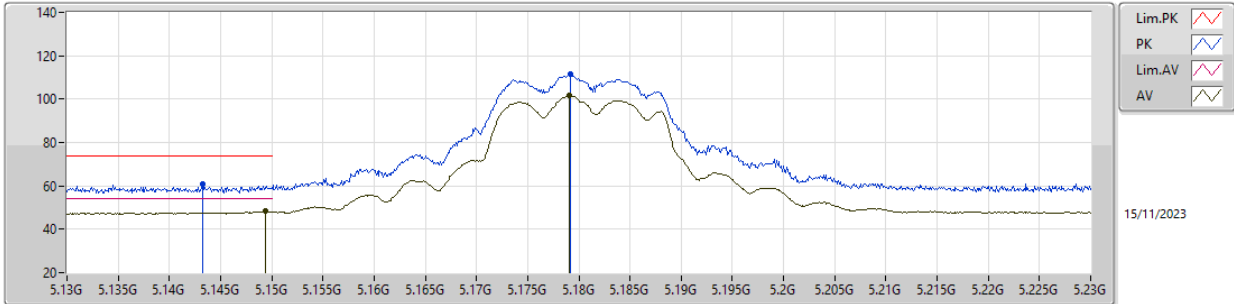


EUT\_Y\_2TX  
 Setting 20.5  
 01-C-Y-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1463G	63.51	74.00	-10.49	56.29	3	Vertical	37	1.80	-	32.89	7.23	32.90
AV	5.1499G	51.65	54.00	-2.35	44.41	3	Vertical	37	1.80	-	32.90	7.24	32.90
PK	5.1812G	119.25	Inf	-Inf	111.98	3	Vertical	37	1.80	-	32.90	7.26	32.89
AV	5.1809G	109.78	Inf	-Inf	102.51	3	Vertical	37	1.80	-	32.90	7.26	32.89

5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5180MHz\_TX

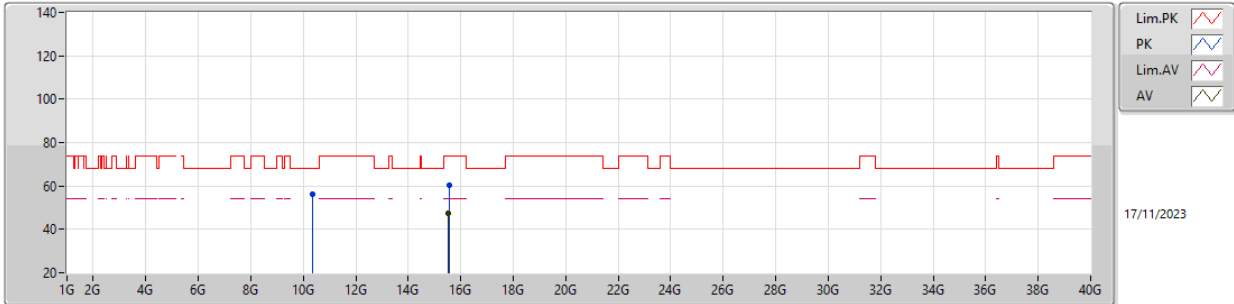


EUT\_Y\_2TX  
 Setting 20.5  
 01-C-Y-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1433G	60.63	74.00	-13.37	53.41	3	Horizontal	207	1.80	-	32.89	7.23	32.90
AV	5.1494G	48.22	54.00	-5.78	40.98	3	Horizontal	207	1.80	-	32.90	7.24	32.90
PK	5.1792G	111.32	Inf	-Inf	104.05	3	Horizontal	207	1.80	-	32.90	7.26	32.89
AV	5.1791G	101.63	Inf	-Inf	94.36	3	Horizontal	207	1.80	-	32.90	7.26	32.89

5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5180MHz\_TX

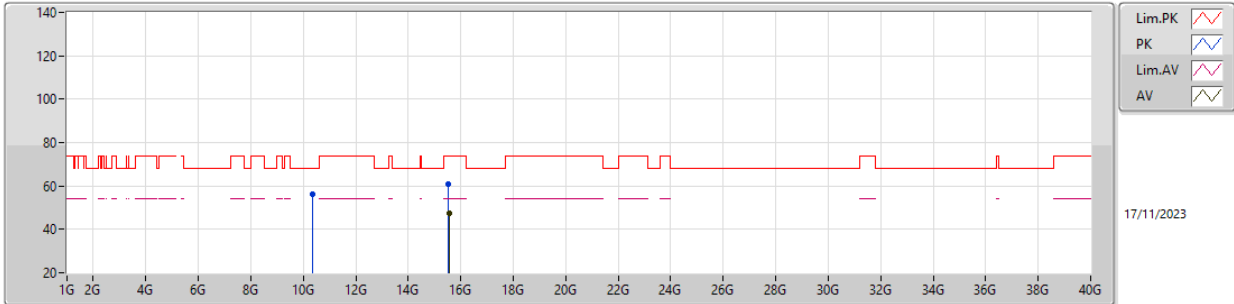


EUT\_Y\_2TX  
Setting 20.5  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.3701G	55.98	68.20	-12.22	42.23	3	Vertical	228	1.61	-	38.60	8.90	33.75
PK	15.52285G	60.47	74.00	-13.53	45.98	3	Vertical	343	1.88	-	38.31	11.24	35.06
AV	15.52235G	47.50	54.00	-6.50	33.05	3	Vertical	343	1.88	-	38.30	11.22	35.07

5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5180MHz\_TX

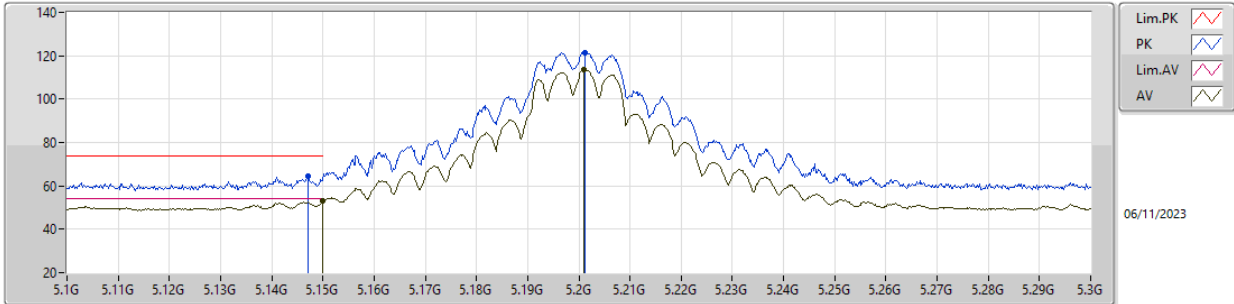


EUT\_Y\_2TX  
Setting 20.5  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.3401G	56.07	68.20	-12.13	42.36	3	Horizontal	222	2.72	-	38.56	8.88	33.73
PK	15.52G	60.63	74.00	-13.37	46.18	3	Horizontal	179	1.14	-	38.30	11.22	35.07
AV	15.5611G	47.53	54.00	-6.47	33.03	3	Horizontal	179	1.14	-	38.32	11.24	35.06

5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5200MHz\_TX



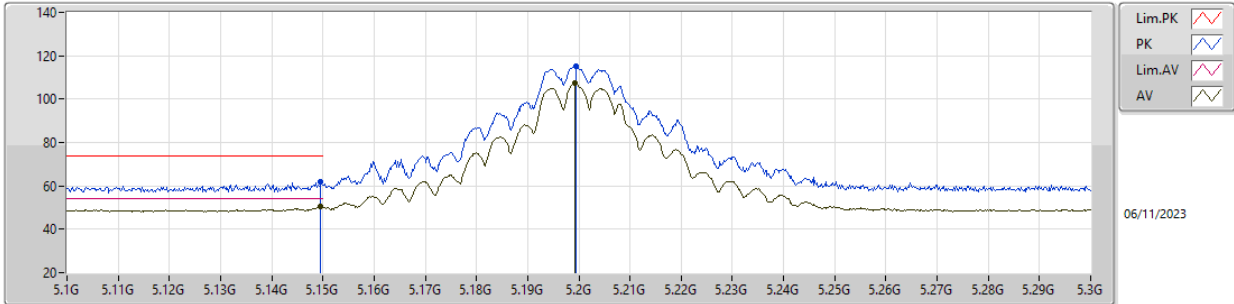
EUT\_Y\_2TX  
 Setting 23.5  
 01-H-Y-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.147G	64.44	74.00	-9.56	57.40	3	Vertical	31	1.80	-	32.71	7.23	32.90
AV	5.15G	52.85	54.00	-1.15	45.81	3	Vertical	31	1.80	-	32.70	7.24	32.90
PK	5.2012G	121.62	Inf	-Inf	114.43	3	Vertical	31	1.80	-	32.80	7.28	32.89
AV	5.201G	113.64	Inf	-Inf	106.45	3	Vertical	31	1.80	-	32.80	7.28	32.89



5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5200MHz\_TX

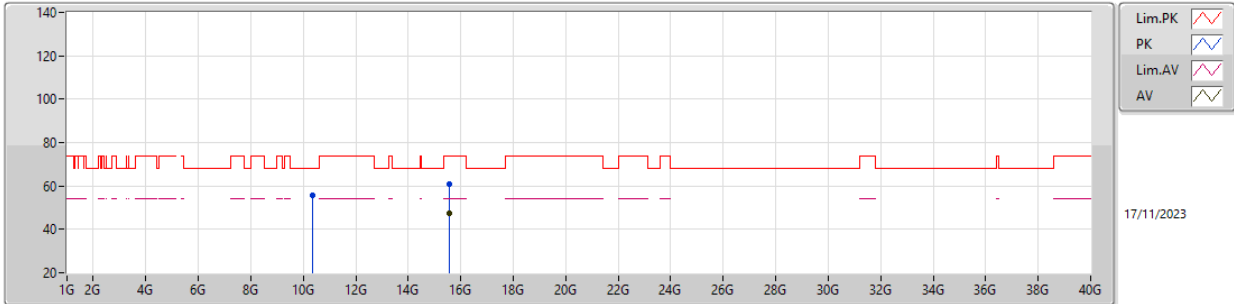


EUT\_Y\_2TX  
 Setting 23.5  
 01-H-Y-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1496G	61.67	74.00	-12.33	54.63	3	Horizontal	198	2.38	-	32.70	7.24	32.90
AV	5.1494G	50.34	54.00	-3.66	43.30	3	Horizontal	198	2.38	-	32.70	7.24	32.90
PK	5.1994G	114.98	Inf	-Inf	107.79	3	Horizontal	198	2.38	-	32.80	7.28	32.89
AV	5.1992G	107.42	Inf	-Inf	100.23	3	Horizontal	198	2.38	-	32.80	7.28	32.89

5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5200MHz\_TX

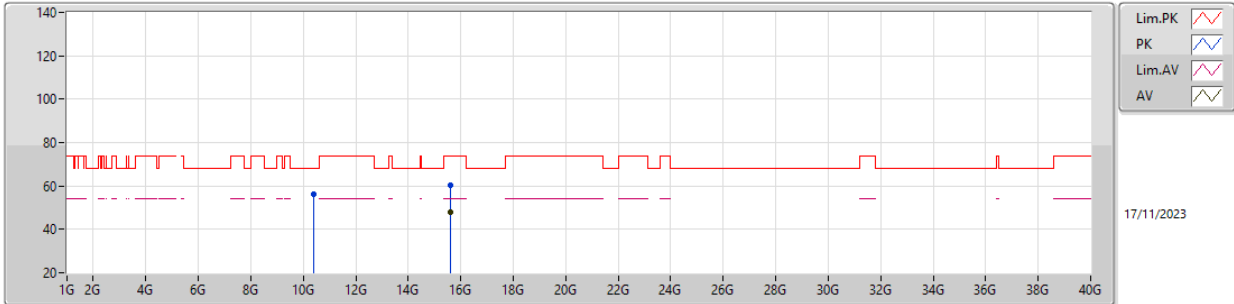


EUT\_Y\_2TX  
Setting 23.5  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.3756G	55.87	68.20	-12.33	42.12	3	Vertical	223	2.11	-	38.60	8.90	33.75
PK	15.5808G	60.86	74.00	-13.14	46.31	3	Vertical	345	1.88	-	38.36	11.25	35.06
AV	15.57835G	47.55	54.00	-6.45	33.00	3	Vertical	345	1.88	-	38.36	11.25	35.06

5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5200MHz\_TX

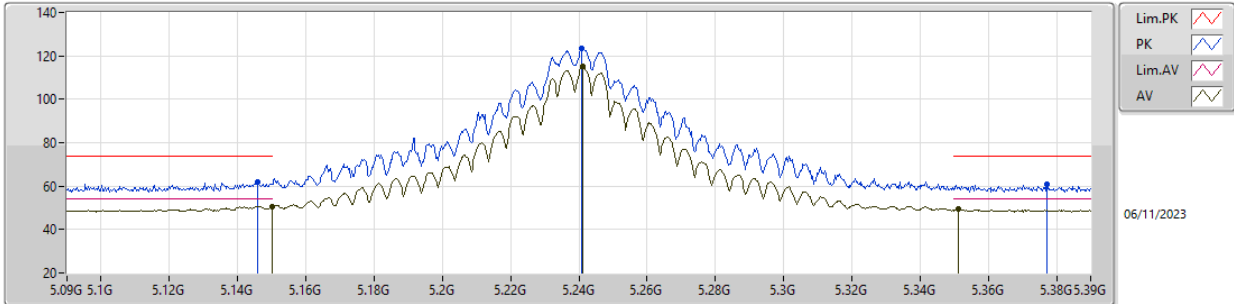


EUT\_Y\_2TX  
Setting 23.5  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.3915G	56.14	68.20	-12.06	42.39	3	Horizontal	36	2.87	-	38.60	8.91	33.76
PK	15.60035G	60.57	74.00	-13.43	45.97	3	Horizontal	43	1.96	-	38.40	11.26	35.06
AV	15.59395G	47.82	54.00	-6.18	33.23	3	Horizontal	43	1.96	-	38.39	11.26	35.06

5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5240MHz\_TX

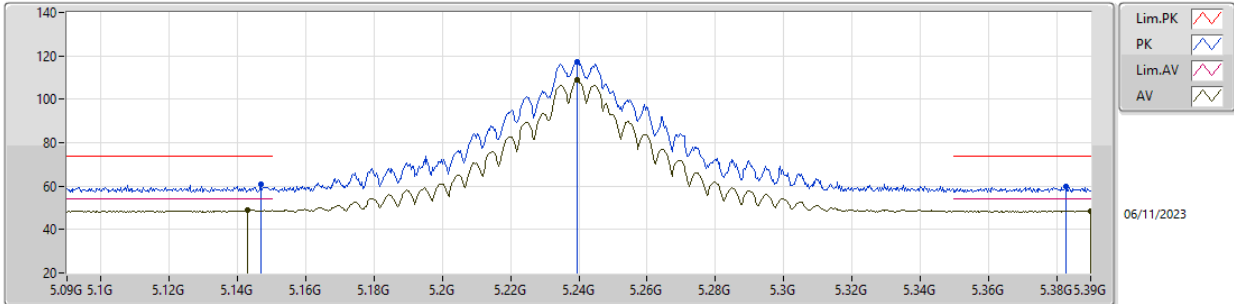


EUT\_Y\_2TX  
Setting 27  
01-H-Y-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1458G	62.02	74.00	-11.98	54.98	3	Vertical	34	1.80	-	32.71	7.23	32.90
AV	5.15G	50.63	54.00	-3.37	43.59	3	Vertical	34	1.80	-	32.70	7.24	32.90
PK	5.2409G	123.57	Inf	-Inf	116.35	3	Vertical	34	1.80	-	32.80	7.30	32.88
AV	5.2412G	115.00	Inf	-Inf	107.78	3	Vertical	34	1.80	-	32.80	7.30	32.88
PK	5.3771G	60.76	74.00	-13.24	53.60	3	Vertical	34	1.80	-	32.65	7.36	32.85
AV	5.3513G	49.43	54.00	-4.57	42.34	3	Vertical	34	1.80	-	32.60	7.35	32.86

5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5240MHz\_TX

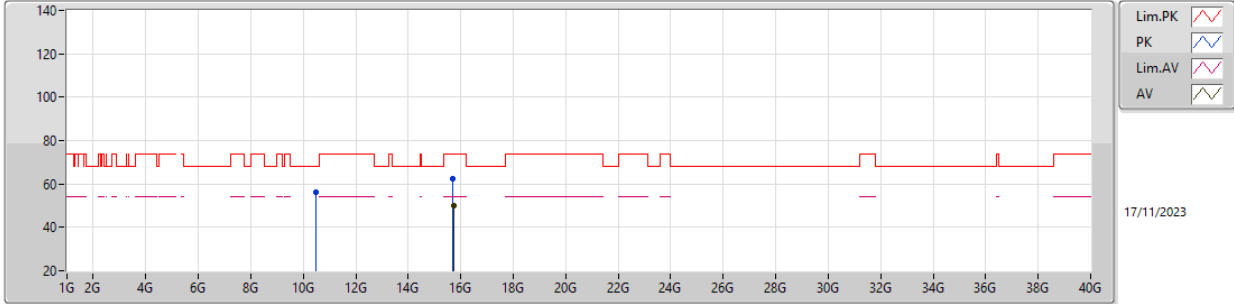


EUT\_Y\_2TX  
Setting 27  
01-H-Y-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1467G	60.65	74.00	-13.35	53.61	3	Horizontal	197	2.35	-	32.71	7.23	32.90
AV	5.1428G	48.88	54.00	-5.12	41.84	3	Horizontal	197	2.35	-	32.71	7.23	32.90
PK	5.2394G	117.04	Inf	-Inf	109.82	3	Horizontal	197	2.35	-	32.80	7.30	32.88
AV	5.2394G	108.79	Inf	-Inf	101.57	3	Horizontal	197	2.35	-	32.80	7.30	32.88
PK	5.3828G	59.69	74.00	-14.31	52.51	3	Horizontal	197	2.35	-	32.67	7.36	32.85
AV	5.39G	48.65	54.00	-5.35	41.45	3	Horizontal	197	2.35	-	32.68	7.37	32.85

5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5240MHz\_TX

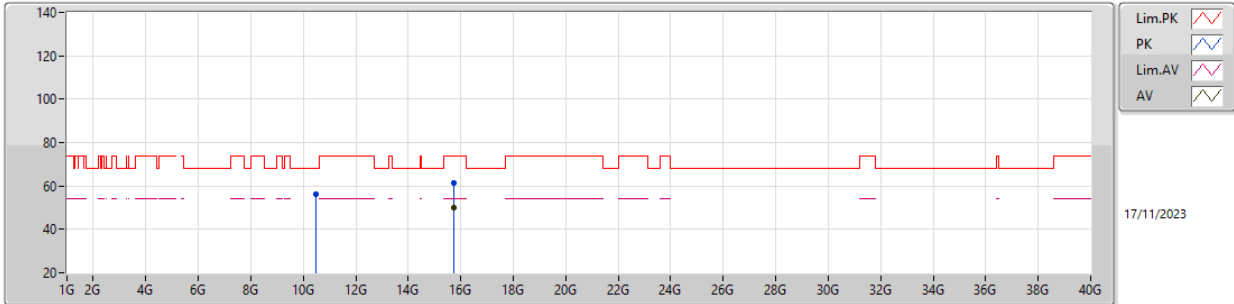


EUT\_Y\_2TX  
Setting 27  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.4942G	56.27	68.20	-11.93	42.46	3	Vertical	260	2.15	-	38.69	8.96	33.84
PK	15.71484G	62.67	74.00	-11.33	48.51	3	Vertical	10	1.68	-	37.89	11.31	35.04
AV	15.71952G	50.21	54.00	-3.79	36.01	3	Vertical	10	1.68	-	37.92	11.32	35.04

5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5240MHz\_TX

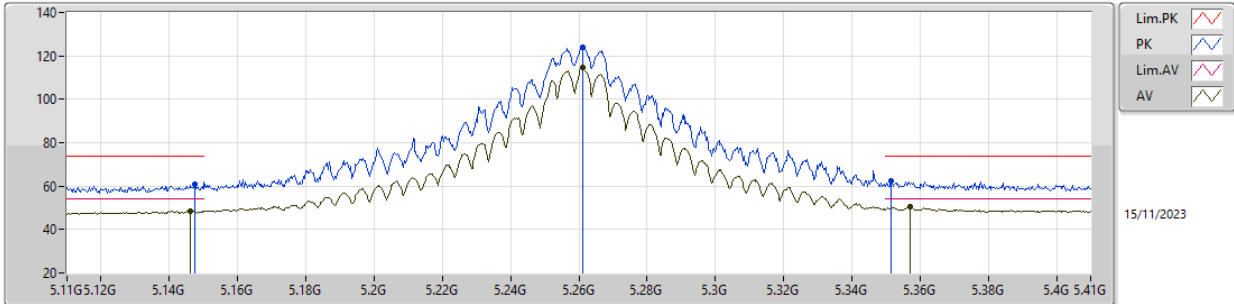


EUT\_Y\_2TX  
Setting 27  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.49075G	56.07	68.20	-12.13	42.26	3	Horizontal	325	2.13	-	38.68	8.96	33.83
PK	15.72459G	61.29	74.00	-12.71	47.06	3	Horizontal	248	2.91	-	37.95	11.32	35.04
AV	15.71928G	49.97	54.00	-4.03	35.77	3	Horizontal	248	2.91	-	37.92	11.32	35.04

5.25-5.35GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5260MHz\_TX



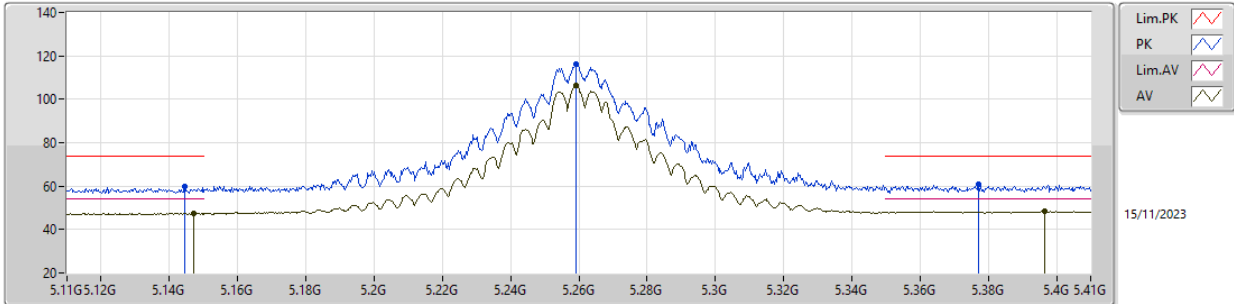
EUT\_Y\_2TX  
 Setting 27  
 01-C-Y-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1475G	60.77	74.00	-13.23	53.54	3	Vertical	39	1.80	-	32.89	7.24	32.90
AV	5.146G	48.61	54.00	-5.39	41.39	3	Vertical	39	1.80	-	32.89	7.23	32.90
PK	5.2612G	123.93	Inf	-Inf	116.48	3	Vertical	39	1.80	-	33.02	7.31	32.88
AV	5.2612G	114.71	Inf	-Inf	107.26	3	Vertical	39	1.80	-	33.02	7.31	32.88
PK	5.3515G	62.56	74.00	-11.44	54.87	3	Vertical	39	1.80	-	33.20	7.35	32.86
AV	5.3572G	50.37	54.00	-3.63	42.67	3	Vertical	39	1.80	-	33.21	7.35	32.86



5.25-5.35GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5260MHz\_TX

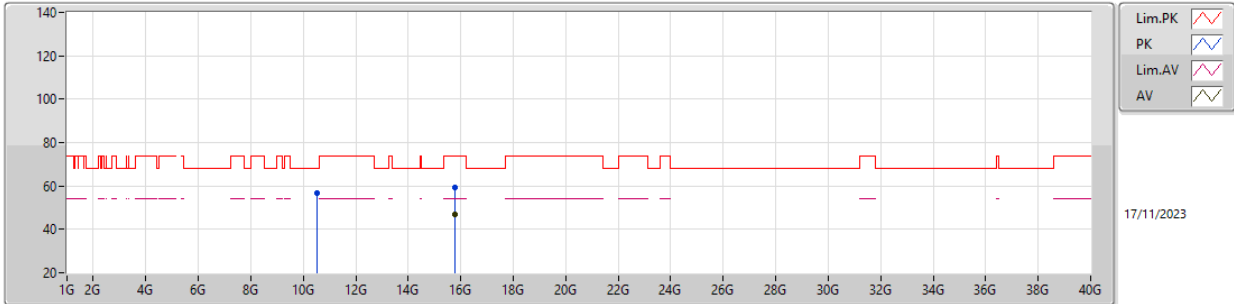


EUT\_Y\_2TX  
Setting 27  
01-C-Y-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1445G	59.70	74.00	-14.30	52.48	3	Horizontal	205	1.80	-	32.89	7.23	32.90
AV	5.1472G	47.63	54.00	-6.37	40.40	3	Horizontal	205	1.80	-	32.89	7.24	32.90
PK	5.2591G	116.18	Inf	-Inf	108.73	3	Horizontal	205	1.80	-	33.02	7.31	32.88
AV	5.2591G	106.42	Inf	-Inf	98.97	3	Horizontal	205	1.80	-	33.02	7.31	32.88
PK	5.377G	60.82	74.00	-13.18	53.06	3	Horizontal	205	1.80	-	33.25	7.36	32.85
AV	5.3965G	48.37	54.00	-5.63	40.56	3	Horizontal	205	1.80	-	33.29	7.37	32.85

5.25-5.35GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5260MHz\_TX

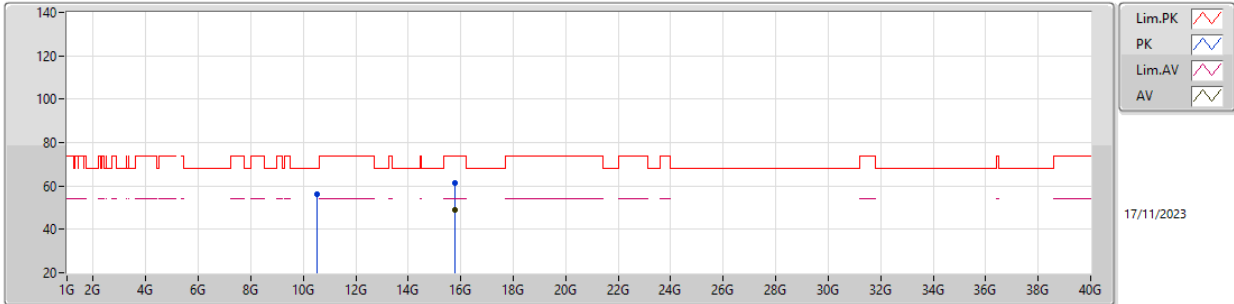


EUT\_Y\_2TX  
Setting 27  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.514G	56.74	68.20	-11.46	42.89	3	Vertical	345	1.79	-	38.73	8.97	33.85
PK	15.78725G	59.45	74.00	-14.55	44.97	3	Vertical	67	2.78	-	38.17	11.35	35.04
AV	15.7781G	46.88	54.00	-7.12	32.42	3	Vertical	67	2.78	-	38.16	11.34	35.04

5.25-5.35GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5260MHz\_TX

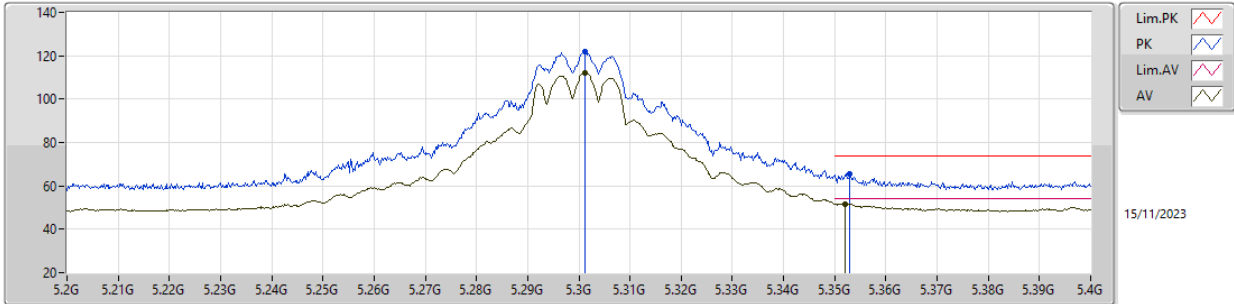


EUT\_Y\_2TX  
Setting 27  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.52365G	56.38	68.20	-11.82	42.51	3	Horizontal	130	1.92	-	38.75	8.98	33.86
PK	15.78595G	61.25	74.00	-12.75	46.77	3	Horizontal	73	1.29	-	38.17	11.35	35.04
AV	15.7816G	48.79	54.00	-5.21	34.32	3	Horizontal	73	1.29	-	38.16	11.35	35.04

5.25-5.35GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5300MHz\_TX

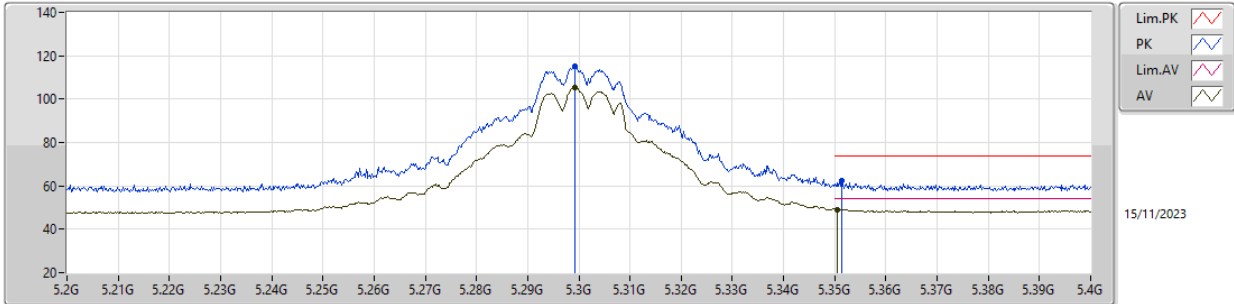


EUT\_Y\_2TX  
 Setting 23  
 01-C-Y-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.3012G	121.91	Inf	-Inf	114.35	3	Vertical	39	1.80	-	33.10	7.33	32.87
AV	5.3012G	112.25	Inf	-Inf	104.69	3	Vertical	39	1.80	-	33.10	7.33	32.87
PK	5.353G	65.48	74.00	-8.52	57.78	3	Vertical	39	1.80	-	33.21	7.35	32.86
AV	5.352G	51.81	54.00	-2.19	44.12	3	Vertical	39	1.80	-	33.20	7.35	32.86

5.25-5.35GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5300MHz\_TX

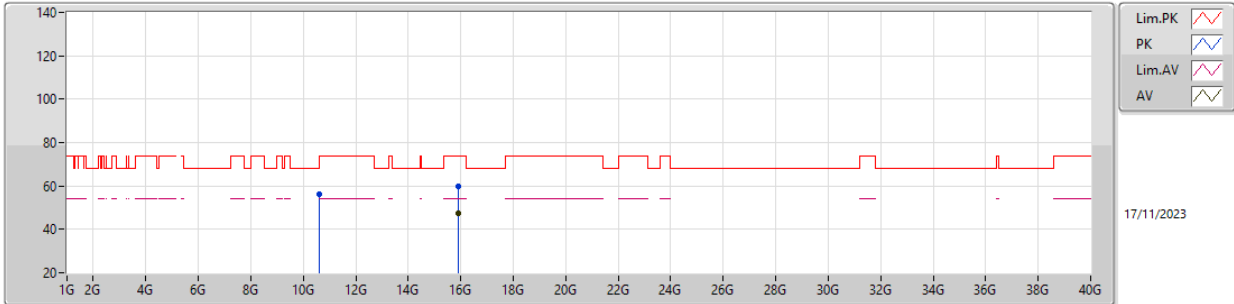


EUT\_Y\_2TX  
 Setting 23  
 01-C-Y-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.2992G	115.00	Inf	-Inf	107.45	3	Horizontal	203	1.53	-	33.10	7.32	32.87
AV	5.2992G	105.53	Inf	-Inf	97.98	3	Horizontal	203	1.53	-	33.10	7.32	32.87
PK	5.3514G	62.40	74.00	-11.60	54.71	3	Horizontal	203	1.53	-	33.20	7.35	32.86
AV	5.3506G	49.19	54.00	-4.81	41.50	3	Horizontal	203	1.53	-	33.20	7.35	32.86

5.25-5.35GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5300MHz\_TX

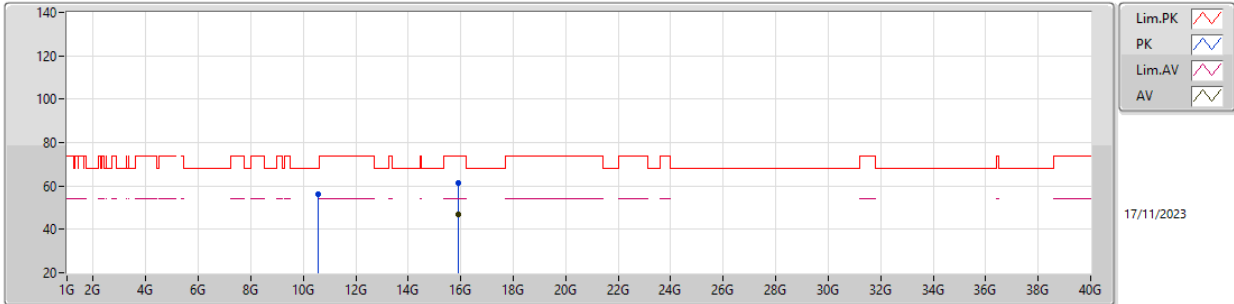


EUT\_Y\_2TX  
Setting 23  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.61895G	56.19	74.00	-17.81	42.20	3	Vertical	159	2.00	-	38.90	9.03	33.94
PK	15.896G	60.00	74.00	-14.00	45.43	3	Vertical	237	2.18	-	38.19	11.40	35.02
AV	15.89955G	47.18	54.00	-6.82	32.60	3	Vertical	237	2.18	-	38.20	11.40	35.02

5.25-5.35GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5300MHz\_TX

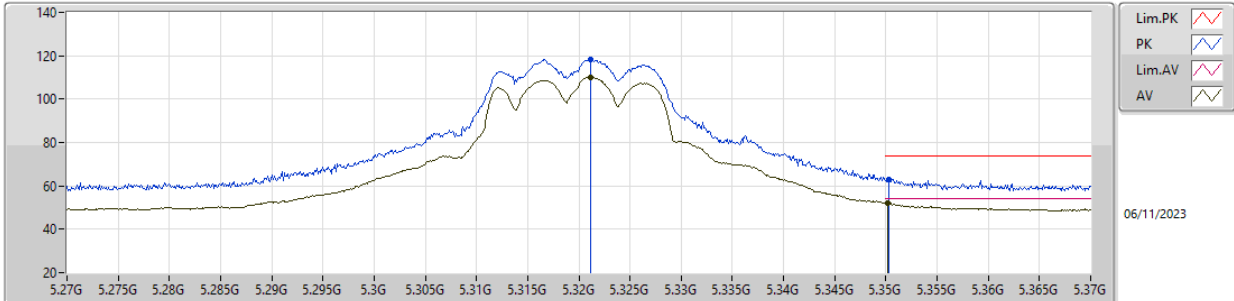


EUT\_Y\_2TX  
Setting 23  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.5514G	56.15	68.20	-12.05	42.25	3	Horizontal	101	1.10	-	38.80	8.99	33.89
PK	15.8974G	61.19	74.00	-12.81	46.62	3	Horizontal	358	1.83	-	38.19	11.40	35.02
AV	15.8958G	47.03	54.00	-6.97	32.46	3	Horizontal	358	1.83	-	38.19	11.40	35.02

5.25-5.35GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5320MHz\_TX



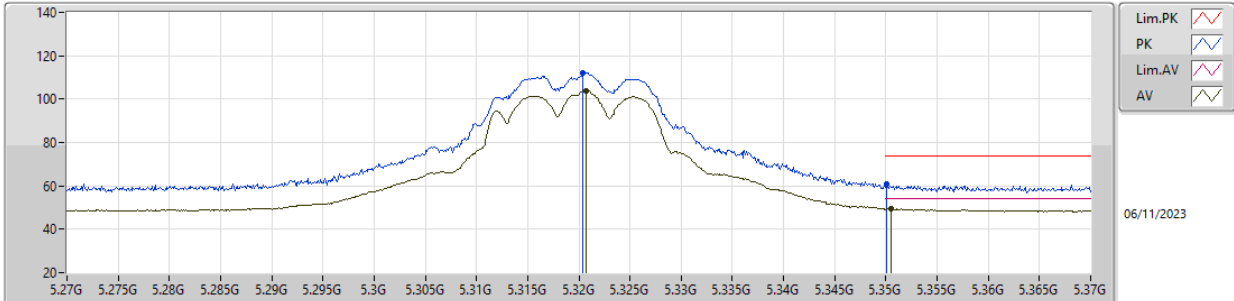
EUT\_Y\_2TX  
 Setting 20  
 01-H-Y-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.3212G	118.11	Inf	-Inf	110.99	3	Vertical	32	1.80	-	32.66	7.33	32.87
AV	5.3211G	110.11	Inf	-Inf	102.99	3	Vertical	32	1.80	-	32.66	7.33	32.87
PK	5.3503G	63.17	74.00	-10.83	56.08	3	Vertical	32	1.80	-	32.60	7.35	32.86
AV	5.3502G	52.21	54.00	-1.79	45.12	3	Vertical	32	1.80	-	32.60	7.35	32.86



5.25-5.35GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5320MHz\_TX

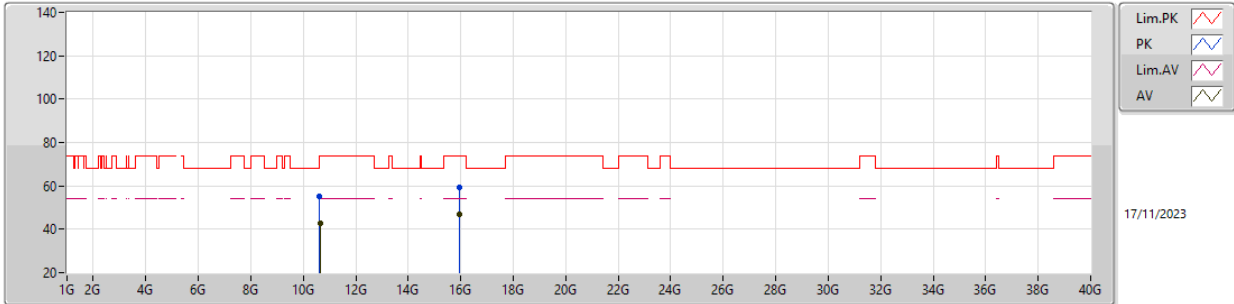





EUT\_Y\_2TX  
 Setting 20  
 01-H-Y-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.3204G	112.19	Inf	-Inf	105.07	3	Horizontal	160	2.50	-	32.66	7.33	32.87
AV	5.3207G	103.82	Inf	-Inf	96.70	3	Horizontal	160	2.50	-	32.66	7.33	32.87
PK	5.3501G	60.75	74.00	-13.25	53.66	3	Horizontal	160	2.50	-	32.60	7.35	32.86
AV	5.3505G	49.43	54.00	-4.57	42.34	3	Horizontal	160	2.50	-	32.60	7.35	32.86

5.25-5.35GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5320MHz\_TX



Lim.PK   
 PK   
 Lim.AV   
 AV 

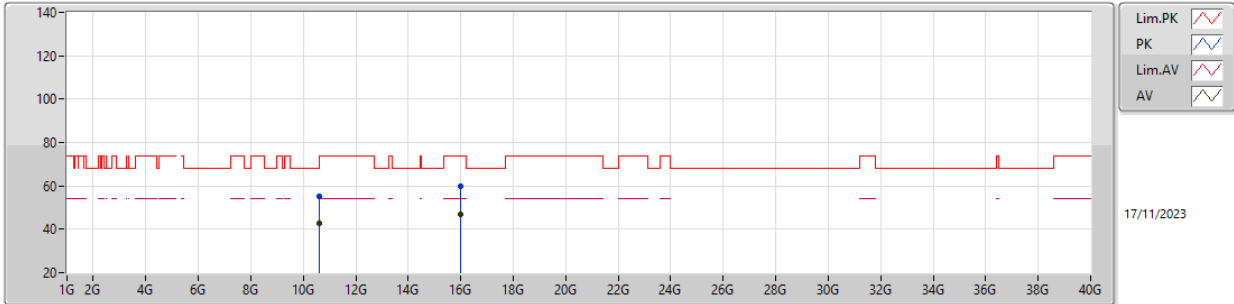
17/11/2023

EUT\_Y\_2TX  
Setting 20  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.63185G	55.34	74.00	-18.66	41.37	3	Vertical	115	1.47	-	38.90	9.03	33.96
AV	10.6481G	42.94	54.00	-11.06	28.97	3	Vertical	115	1.47	-	38.90	9.04	33.97
PK	15.9409G	59.49	74.00	-14.51	44.73	3	Vertical	228	1.77	-	38.36	11.42	35.02
AV	15.96895G	46.75	54.00	-7.25	31.92	3	Vertical	228	1.77	-	38.40	11.44	35.01

5.25-5.35GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5320MHz\_TX

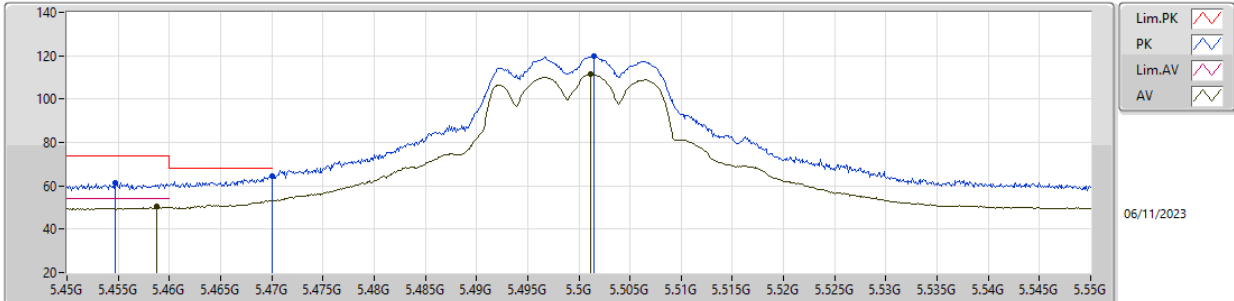


EUT\_Y\_2TX  
Setting 20  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.62395G	55.30	74.00	-18.70	41.32	3	Horizontal	162	1.07	-	38.90	9.03	33.95
AV	10.6299G	42.98	54.00	-11.02	29.00	3	Horizontal	162	1.07	-	38.90	9.03	33.95
PK	15.97405G	59.81	74.00	-14.19	44.98	3	Horizontal	57	2.20	-	38.40	11.44	35.01
AV	15.98375G	46.81	54.00	-7.19	31.98	3	Horizontal	57	2.20	-	38.40	11.44	35.01

5.47-5.725GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5500MHz\_TX

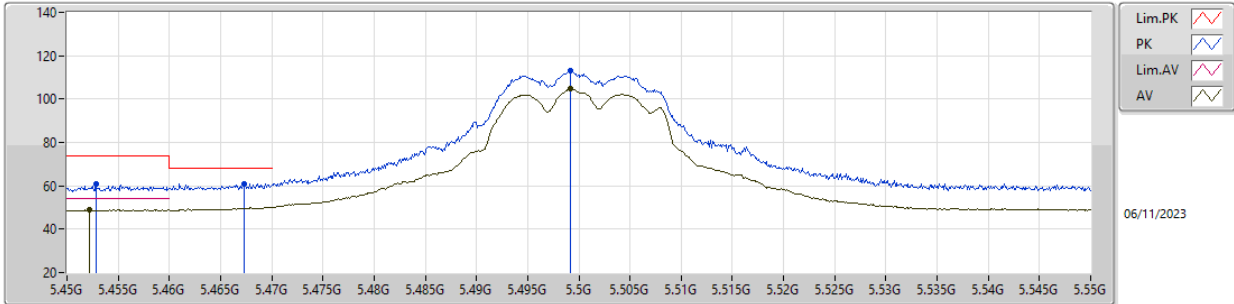


EUT\_Y\_2TX  
Setting Z1  
01-H-Y-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.4547G	61.26	74.00	-12.74	54.09	3	Vertical	32	1.80	-	32.60	7.41	32.84
AV	5.4588G	50.32	54.00	-3.68	43.15	3	Vertical	32	1.80	-	32.60	7.41	32.84
PK	5.47G	64.64	68.20	-3.56	57.46	3	Vertical	32	1.80	-	32.60	7.42	32.84
PK	5.5015G	119.63	Inf	-Inf	112.41	3	Vertical	32	1.80	-	32.60	7.45	32.83
AV	5.5011G	111.38	Inf	-Inf	104.16	3	Vertical	32	1.80	-	32.60	7.45	32.83

5.47-5.725GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5500MHz\_TX

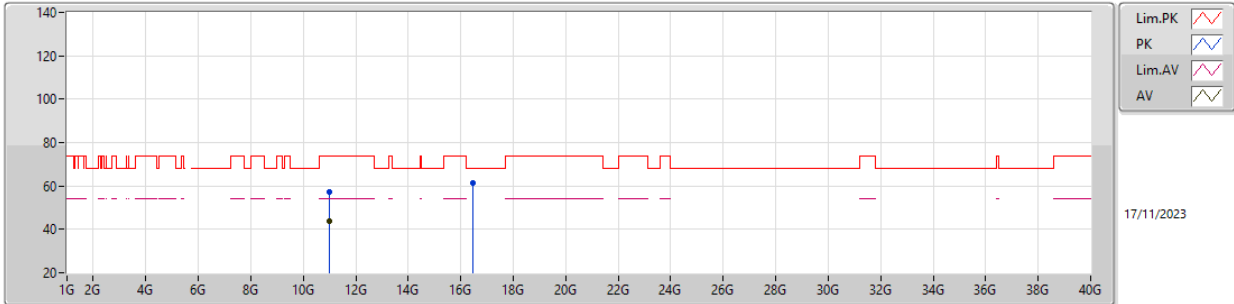


EUT\_Y\_2TX  
Setting Z1  
01-H-Y-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.4528G	60.91	74.00	-13.09	53.74	3	Horizontal	193	1.80	-	32.60	7.41	32.84
AV	5.4522G	49.04	54.00	-4.96	41.87	3	Horizontal	193	1.80	-	32.60	7.41	32.84
PK	5.4673G	60.97	68.20	-7.23	53.79	3	Horizontal	193	1.80	-	32.60	7.42	32.84
PK	5.4992G	113.10	Inf	-Inf	105.89	3	Horizontal	193	1.80	-	32.60	7.44	32.83
AV	5.4992G	104.77	Inf	-Inf	97.56	3	Horizontal	193	1.80	-	32.60	7.44	32.83

5.47-5.725GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5500MHz\_TX

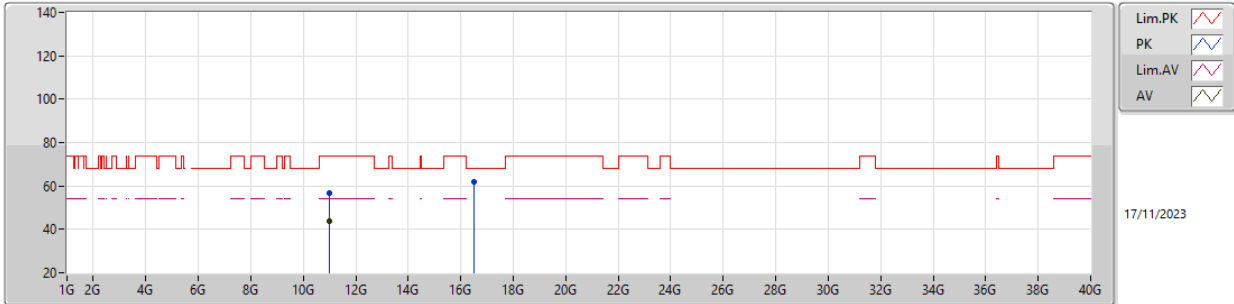


EUT\_Y\_2TX  
Setting 21  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.9952G	57.03	74.00	-16.97	43.18	3	Vertical	22	2.74	-	38.91	9.22	34.28
AV	10.99625G	44.01	54.00	-9.99	30.16	3	Vertical	22	2.74	-	38.91	9.22	34.28
PK	16.4828G	61.17	68.20	-7.03	44.97	3	Vertical	275	2.81	-	39.27	11.84	34.91

5.47-5.725GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5500MHz\_TX

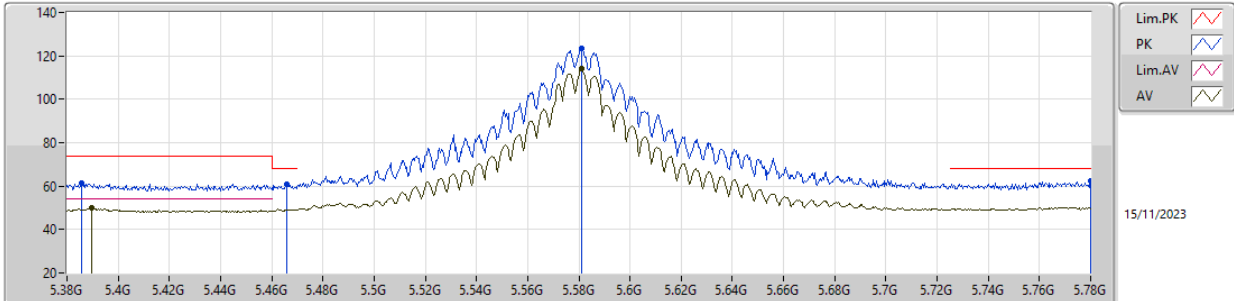


EUT\_Y\_2TX  
Setting 21  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.99395G	56.47	74.00	-17.53	42.61	3	Horizontal	301	2.80	-	38.91	9.22	34.27
AV	10.99685G	43.90	54.00	-10.10	30.05	3	Horizontal	301	2.80	-	38.91	9.22	34.28
PK	16.5175G	61.84	68.20	-6.36	45.54	3	Horizontal	193	2.23	-	39.34	11.87	34.91

5.47-5.725GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5580MHz\_TX



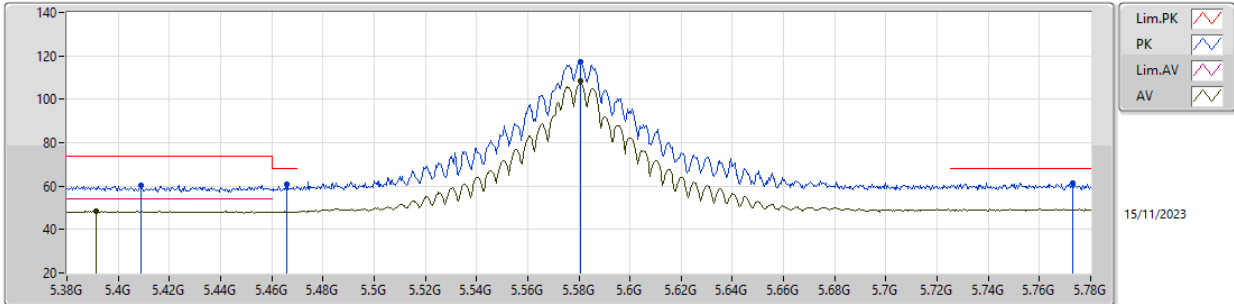
EUT\_Y\_2TX  
Setting 27  
01-C-Y-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.3856G	61.13	74.00	-12.87	53.35	3	Vertical	39	1.80	-	33.27	7.36	32.85
AV	5.3896G	49.83	54.00	-4.17	42.03	3	Vertical	39	1.80	-	33.28	7.37	32.85
PK	5.466G	60.87	68.20	-7.33	52.69	3	Vertical	39	1.80	-	33.60	7.42	32.84
PK	5.5812G	123.39	Inf	-Inf	114.74	3	Vertical	39	1.80	-	34.00	7.51	32.86
AV	5.5812G	113.89	Inf	-Inf	105.24	3	Vertical	39	1.80	-	34.00	7.51	32.86
PK	5.78G	62.32	68.20	-5.88	53.42	3	Vertical	39	1.80	-	34.26	7.57	32.93



5.47-5.725GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5580MHz\_TX

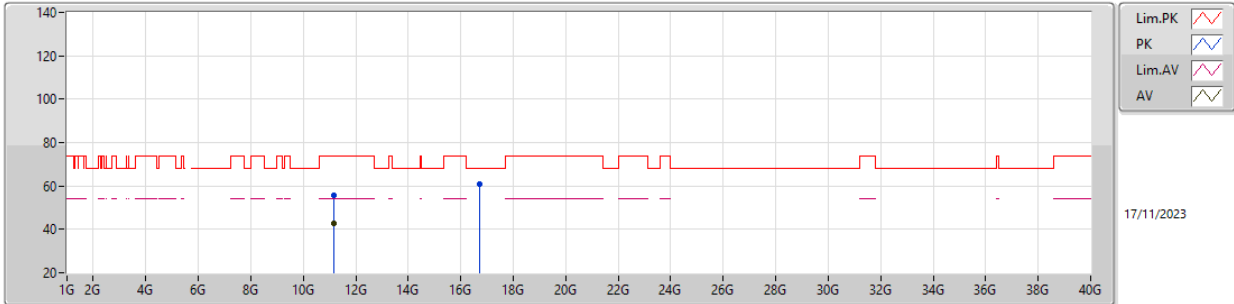


EUT\_Y\_2TX  
Setting 27  
01-C-Y-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.4088G	60.53	74.00	-13.47	52.66	3	Horizontal	162	2.29	-	33.34	7.38	32.85
AV	5.3916G	48.57	54.00	-5.43	40.77	3	Horizontal	162	2.29	-	33.28	7.37	32.85
PK	5.466G	60.78	68.20	-7.42	52.60	3	Horizontal	162	2.29	-	33.60	7.42	32.84
PK	5.5808G	117.41	Inf	-Inf	108.76	3	Horizontal	162	2.29	-	34.00	7.51	32.86
AV	5.5808G	108.23	Inf	-Inf	99.58	3	Horizontal	162	2.29	-	34.00	7.51	32.86
PK	5.7732G	61.57	68.20	-6.63	52.67	3	Horizontal	162	2.29	-	34.25	7.57	32.92

5.47-5.725GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5580MHz\_TX

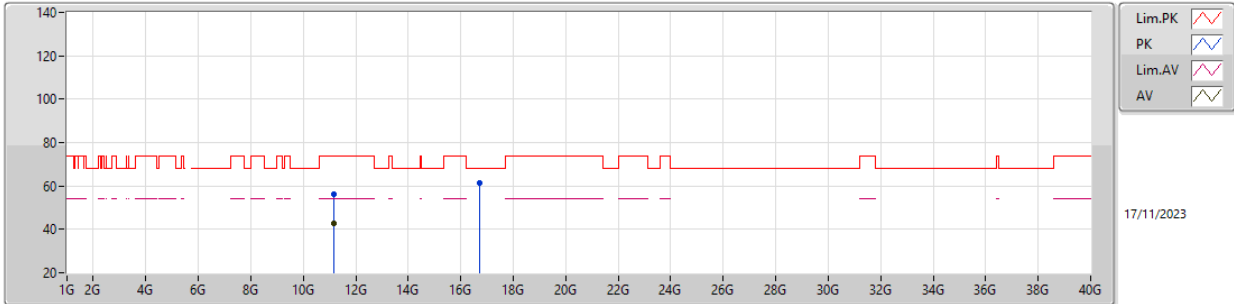


EUT\_Y\_2TX  
Setting 27  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.17755G	55.44	74.00	-18.56	41.96	3	Vertical	315	1.29	-	38.60	9.31	34.43
AV	11.1762G	42.95	54.00	-11.05	29.47	3	Vertical	315	1.29	-	38.60	9.31	34.43
PK	16.7281G	60.86	68.20	-7.34	44.08	3	Vertical	76	2.86	-	39.71	12.04	34.97

5.47-5.725GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5580MHz\_TX

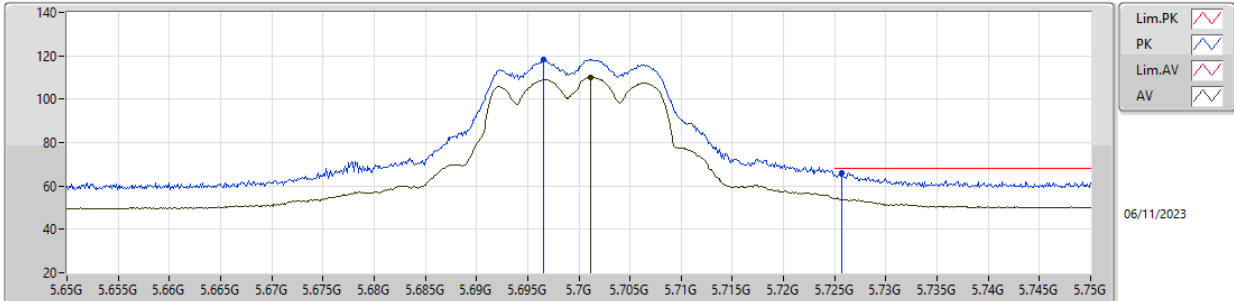


EUT\_Y\_2TX  
Setting 27  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.149G	56.13	74.00	-17.87	42.64	3	Horizontal	296	2.10	-	38.60	9.30	34.41
AV	11.1748G	42.94	54.00	-11.06	29.46	3	Horizontal	296	2.10	-	38.60	9.31	34.43
PK	16.7197G	61.32	68.20	-6.88	44.58	3	Horizontal	60	2.63	-	39.68	12.03	34.97

5.47-5.725GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5700MHz\_TX

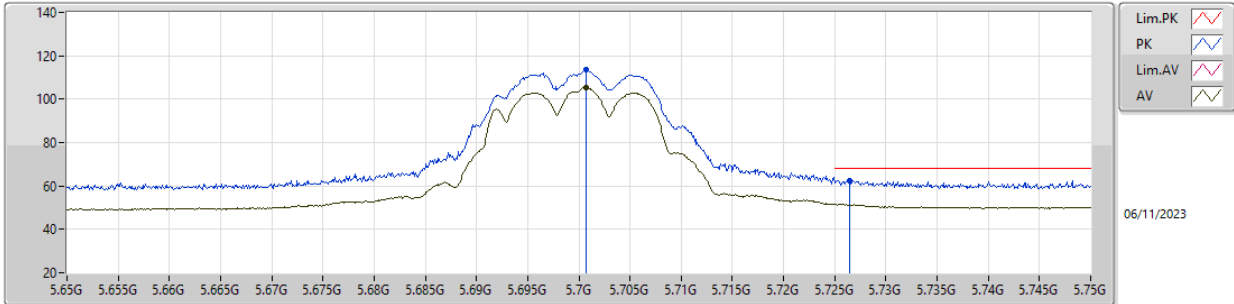


EUT\_Y\_2TX  
Setting 20  
01-H-Y-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.6966G	118.30	Inf	-Inf	110.68	3	Vertical	247	1.80	-	32.97	7.55	32.90
AV	5.7011G	110.06	Inf	-Inf	102.40	3	Vertical	247	1.80	-	33.01	7.55	32.90
PK	5.7257G	65.83	68.20	-2.37	57.97	3	Vertical	247	1.80	-	33.21	7.56	32.91

5.47-5.725GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5700MHz\_TX

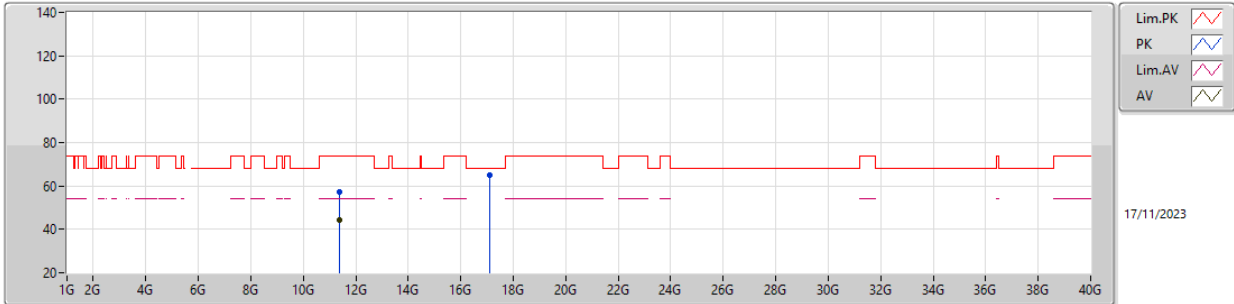


EUT\_Y\_2TX  
Setting 20  
01-H-Y-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.7007G	113.59	Inf	-Inf	105.93	3	Horizontal	158	2.31	-	33.01	7.55	32.90
AV	5.7007G	105.40	Inf	-Inf	97.74	3	Horizontal	158	2.31	-	33.01	7.55	32.90
PK	5.7264G	62.51	68.20	-5.69	54.65	3	Horizontal	158	2.31	-	33.21	7.56	32.91

5.47-5.725GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5700MHz\_TX

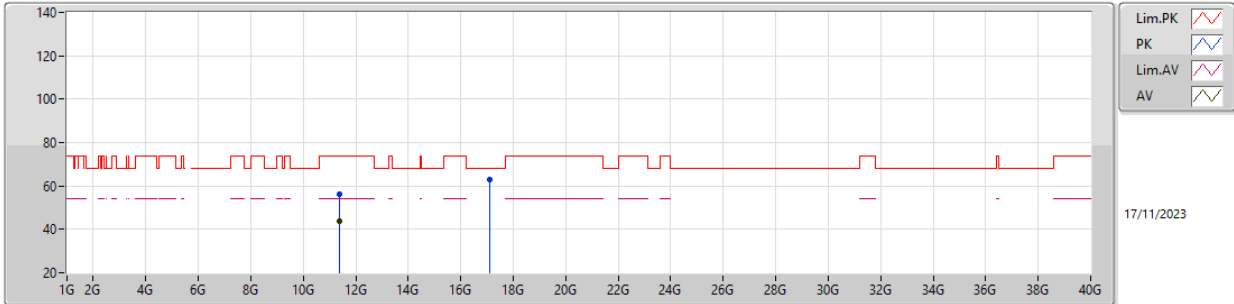


EUT\_Y\_2TX  
Setting 20  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.39575G	57.11	74.00	-16.89	43.51	3	Vertical	279	1.47	-	38.80	9.42	34.62
AV	11.3988G	44.16	54.00	-9.84	30.56	3	Vertical	279	1.47	-	38.80	9.42	34.62
PK	17.1231G	64.82	68.20	-3.38	46.49	3	Vertical	79	1.39	-	41.05	12.35	35.07

5.47-5.725GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5700MHz\_TX

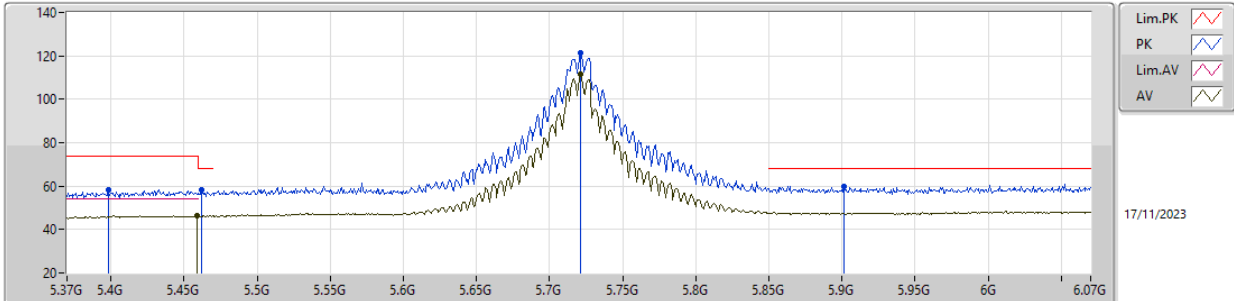


EUT\_Y\_2TX  
Setting 20  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.3841G	56.36	74.00	-17.64	42.75	3	Horizontal	277	2.12	-	38.80	9.42	34.61
AV	11.3768G	44.00	54.00	-10.00	30.39	3	Horizontal	277	2.12	-	38.80	9.41	34.60
PK	17.0972G	63.01	68.20	-5.19	44.77	3	Horizontal	159	1.76	-	40.98	12.33	35.07

5.47-5.725GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5720MHz Straddle 5.47-5.725GHz\_TX



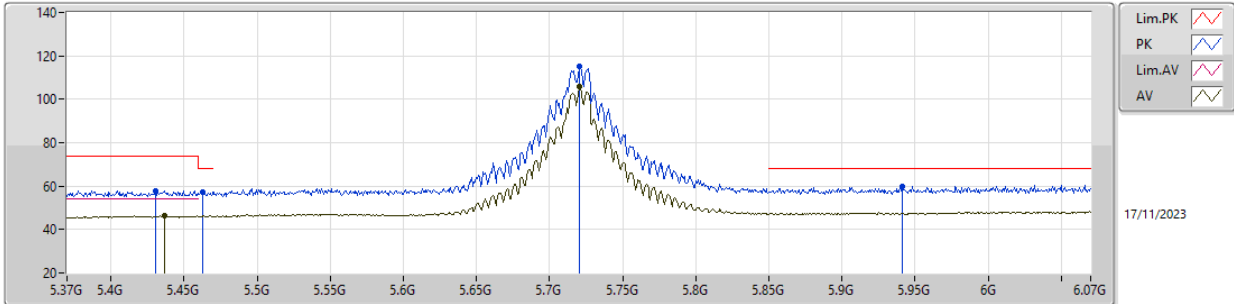
EUTY\_2TX  
 Setting 30  
 04-F-M-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.398G	58.24	74.00	-15.76	52.38	3	Vertical	243	1.81	-	33.09	6.12	33.35
PK	5.4617G	58.18	68.20	-10.02	52.04	3	Vertical	243	1.81	-	33.37	6.15	33.38
AV	5.4589G	46.22	54.00	-7.78	40.10	3	Vertical	243	1.81	-	33.35	6.15	33.38
PK	5.7214G	121.40	Inf	-Inf	114.75	3	Vertical	243	1.81	-	33.89	6.21	33.45
AV	5.7214G	111.57	Inf	-Inf	104.92	3	Vertical	243	1.81	-	33.89	6.21	33.45
PK	5.9013G	59.99	68.20	-8.21	52.49	3	Vertical	243	1.81	-	34.71	6.29	33.50



5.47-5.725GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5720MHz Straddle 5.47-5.725GHz\_TX

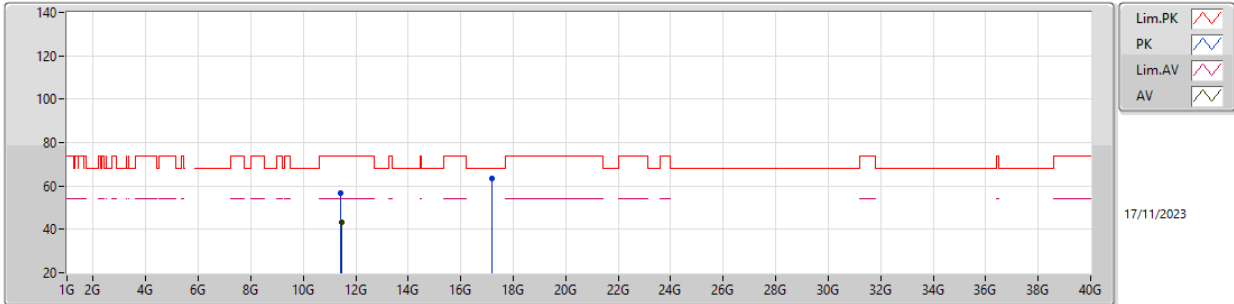


EUTY\_2TX  
Setting 30  
04-F-M-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.4309G	57.81	74.00	-16.19	51.82	3	Horizontal	159	2.33	-	33.22	6.14	33.37
AV	5.4365G	46.22	54.00	-7.78	40.20	3	Horizontal	159	2.33	-	33.25	6.14	33.37
PK	5.4631G	57.18	68.20	-11.02	51.03	3	Horizontal	159	2.33	-	33.38	6.15	33.38
PK	5.7207G	115.08	Inf	-Inf	108.44	3	Horizontal	159	2.33	-	33.88	6.21	33.45
AV	5.7207G	105.82	Inf	-Inf	99.18	3	Horizontal	159	2.33	-	33.88	6.21	33.45
PK	5.9412G	59.89	68.20	-8.31	52.12	3	Horizontal	159	2.33	-	34.95	6.33	33.51

5.47-5.725GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5720MHz Straddle 5.47-5.725GHz\_TX

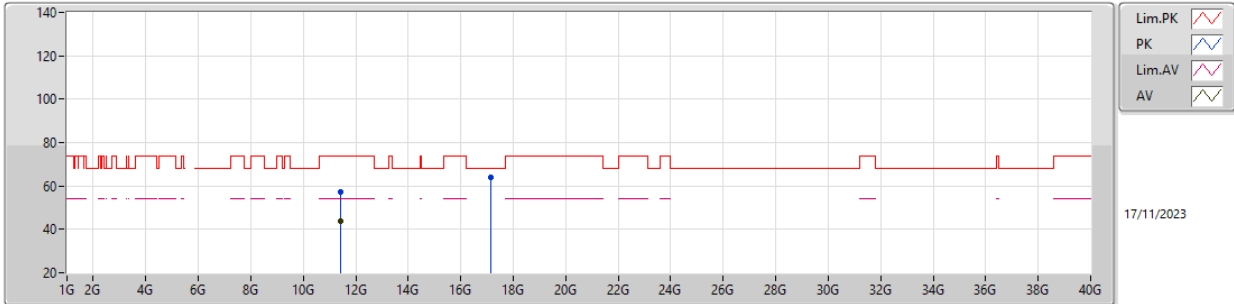


EUT\_Y\_2TX  
Setting 30  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.4327G	56.83	74.00	-17.17	43.24	3	Vertical	294	1.21	-	38.80	9.44	34.65
AV	11.45405G	43.50	54.00	-10.50	29.92	3	Vertical	294	1.21	-	38.80	9.45	34.67
PK	17.1821G	63.67	68.20	-4.53	45.19	3	Vertical	261	1.80	-	41.16	12.40	35.08

5.47-5.725GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5720MHz Straddle 5.47-5.725GHz\_TX

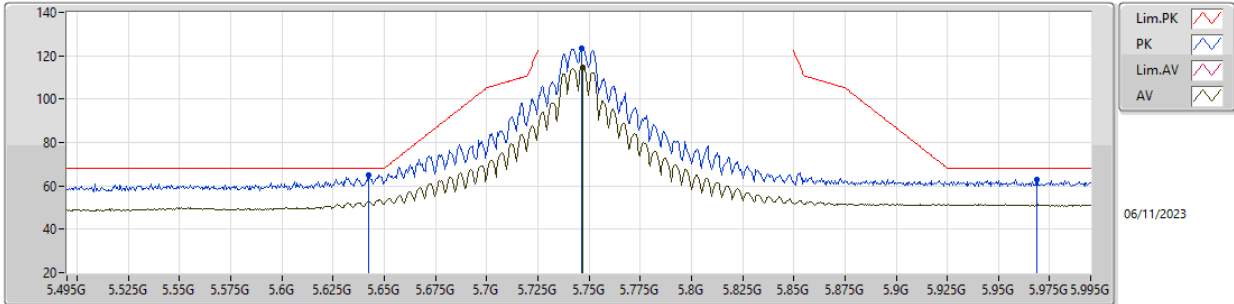


EUT\_Y\_2TX  
Setting 30  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.4426G	57.13	74.00	-16.87	43.54	3	Horizontal	182	2.96	-	38.80	9.45	34.66
AV	11.44195G	43.95	54.00	-10.05	30.36	3	Horizontal	182	2.96	-	38.80	9.45	34.66
PK	17.15765G	64.01	68.20	-4.19	45.59	3	Horizontal	248	2.51	-	41.12	12.38	35.08

5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5745MHz\_TX

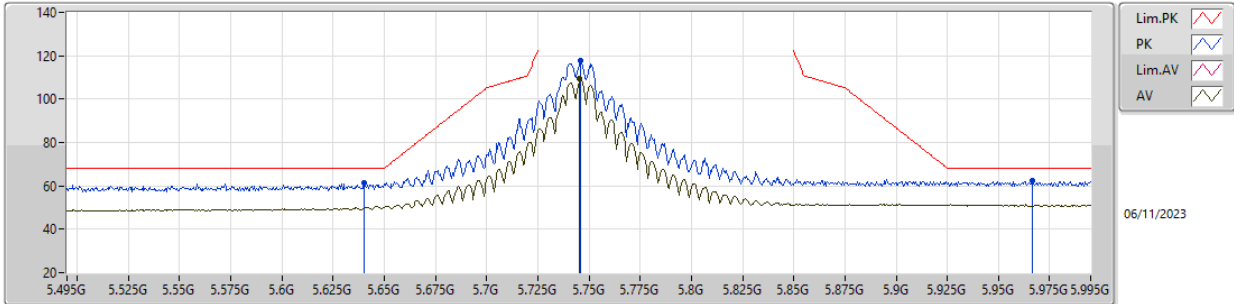


EUT\_Y\_2TX  
 Setting 27  
 01-H-Y-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.6425G	64.79	68.20	-3.41	57.54	3	Vertical	27	1.80	-	32.60	7.53	32.88
PK	5.7465G	123.35	Inf	-Inf	115.33	3	Vertical	27	1.80	-	33.37	7.56	32.91
AV	5.747G	114.59	Inf	-Inf	106.56	3	Vertical	27	1.80	-	33.38	7.56	32.91
PK	5.9685G	62.90	68.20	-5.30	54.27	3	Vertical	27	1.80	-	33.96	7.66	32.99

5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5745MHz\_TX



Lim.PK  
PK  
Lim.AV  
AV

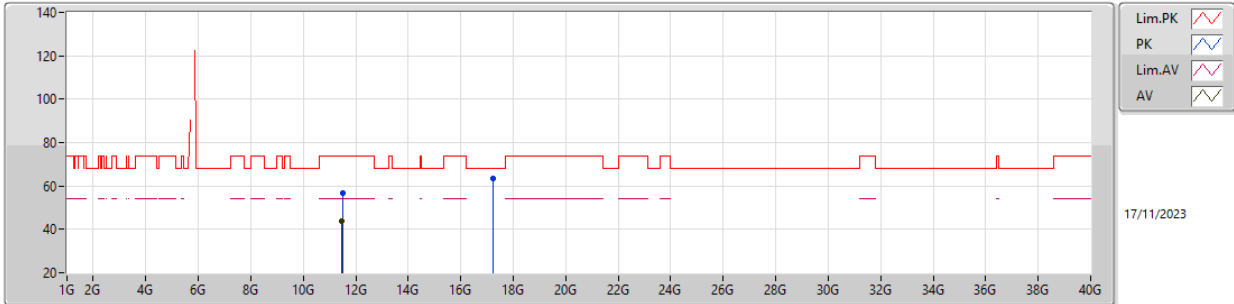
06/11/2023

EUT\_Y\_2TX  
Setting 27  
01-H-Y-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.64G	61.18	68.20	-7.02	53.93	3	Horizontal	160	1.80	-	32.60	7.53	32.88
PK	5.746G	117.90	Inf	-Inf	109.88	3	Horizontal	160	1.80	-	33.37	7.56	32.91
AV	5.7455G	109.65	Inf	-Inf	101.64	3	Horizontal	160	1.80	-	33.36	7.56	32.91
PK	5.9665G	62.20	68.20	-6.00	53.56	3	Horizontal	160	1.80	-	33.97	7.66	32.99

5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5745MHz\_TX

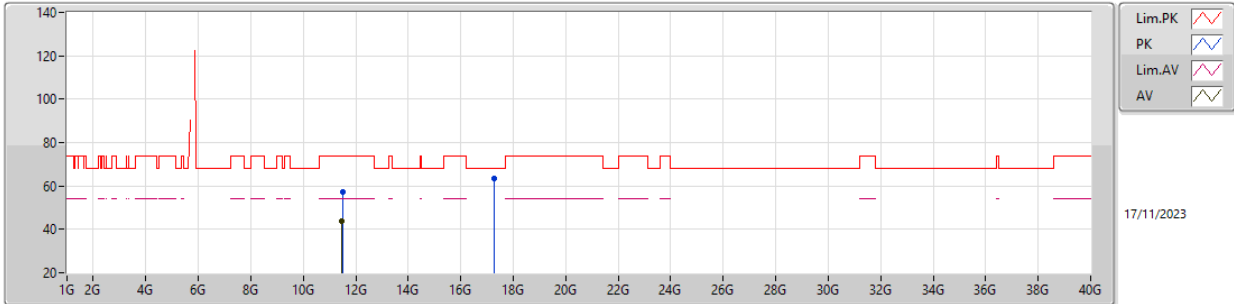


EUT\_Y\_2TX  
Setting 27  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.48745G	56.95	74.00	-17.05	43.38	3	Vertical	21	2.80	-	38.80	9.47	34.70
AV	11.4812G	43.91	54.00	-10.09	30.33	3	Vertical	21	2.80	-	38.80	9.47	34.69
PK	17.23075G	63.54	68.20	-4.66	44.93	3	Vertical	73	1.75	-	41.26	12.44	35.09

5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5745MHz\_TX

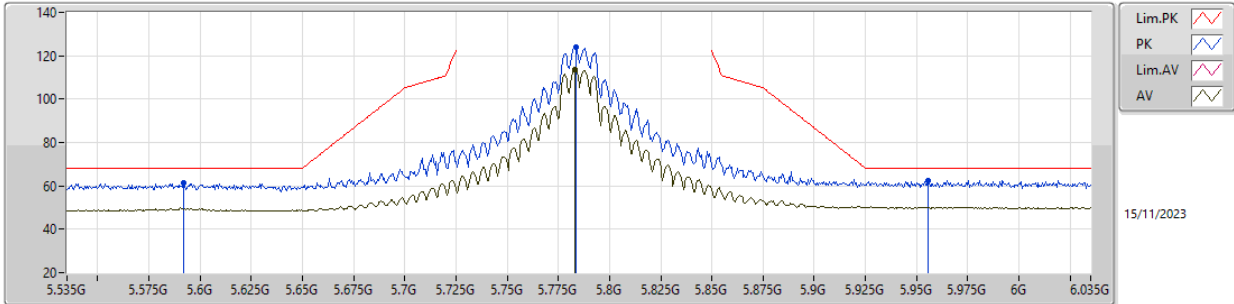


EUT\_Y\_2TX  
Setting 27  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.51025G	57.20	74.00	-16.80	43.63	3	Horizontal	37	2.26	-	38.80	9.48	34.71
AV	11.47735G	43.87	54.00	-10.13	30.30	3	Horizontal	37	2.26	-	38.80	9.46	34.69
PK	17.25925G	63.56	68.20	-4.64	44.83	3	Horizontal	154	1.79	-	41.36	12.46	35.09

5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5785MHz\_TX



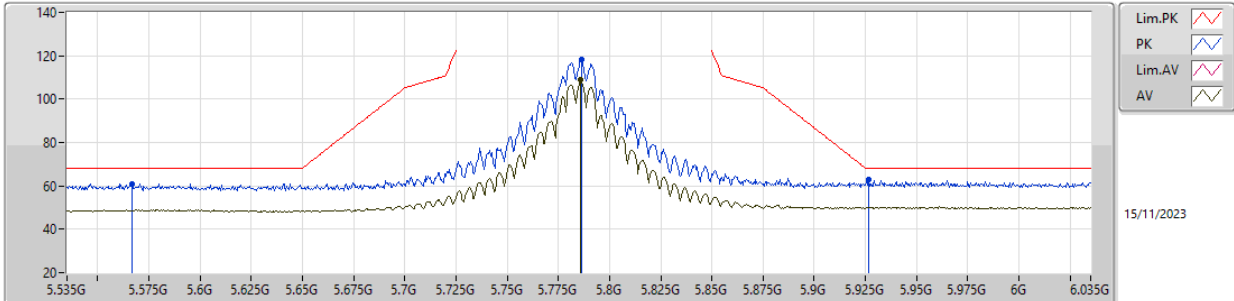
EUT\_Y\_2TX  
Setting 27  
01-C-Y-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.592G	61.38	68.20	-6.82	52.73	3	Vertical	23	1.80	-	34.00	7.51	32.86
PK	5.7835G	123.85	Inf	-Inf	114.93	3	Vertical	23	1.80	-	34.27	7.58	32.93
AV	5.783G	113.42	Inf	-Inf	104.51	3	Vertical	23	1.80	-	34.27	7.57	32.93
PK	5.9555G	62.50	68.20	-5.70	52.52	3	Vertical	23	1.80	-	35.30	7.66	32.98



5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5785MHz\_TX



Lim.PK  
PK  
Lim.AV  
AV

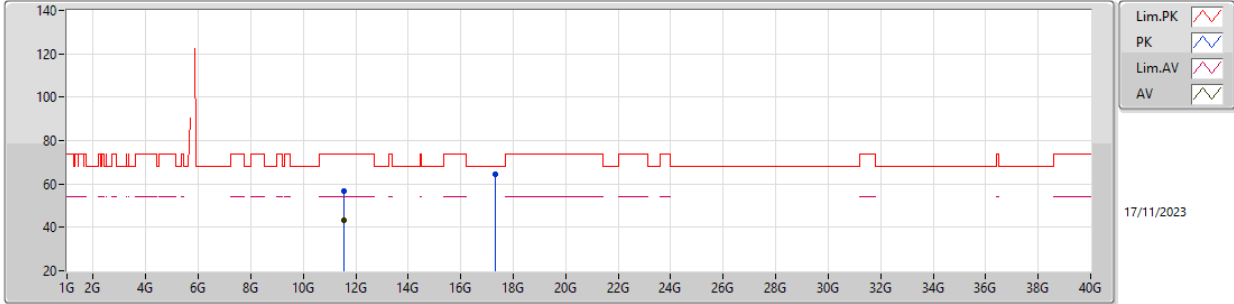
15/11/2023

EUT\_Y\_2TX  
Setting 27  
01-C-Y-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.5665G	61.09	68.20	-7.11	52.45	3	Horizontal	164	2.28	-	34.00	7.49	32.85
PK	5.7865G	118.23	Inf	-Inf	109.31	3	Horizontal	164	2.28	-	34.27	7.58	32.93
AV	5.786G	108.77	Inf	-Inf	99.85	3	Horizontal	164	2.28	-	34.27	7.58	32.93
PK	5.9265G	62.97	68.20	-5.23	53.15	3	Horizontal	164	2.28	-	35.16	7.64	32.98

5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5785MHz\_TX

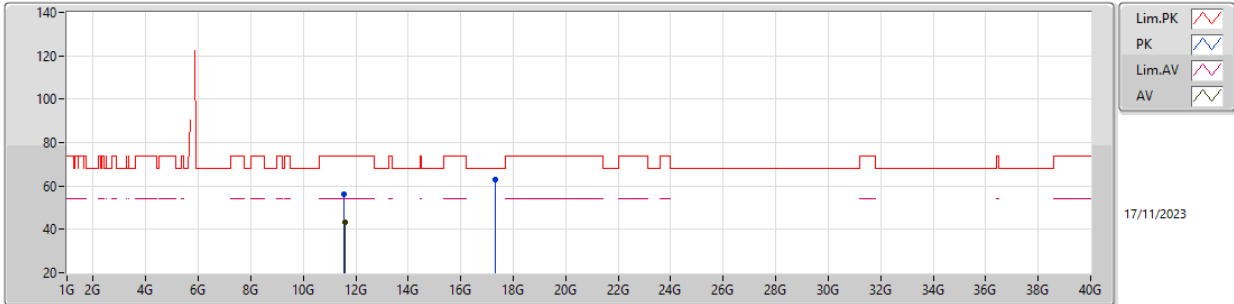


EUT\_Y\_2TX  
Setting 27  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.54655G	56.92	74.00	-17.08	43.31	3	Vertical	8	2.22	-	38.80	9.50	34.69
AV	11.5531G	43.30	54.00	-10.70	29.69	3	Vertical	8	2.22	-	38.80	9.50	34.69
PK	17.3383G	64.42	68.20	-3.78	45.31	3	Vertical	261	1.21	-	41.68	12.53	35.10

5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5785MHz\_TX

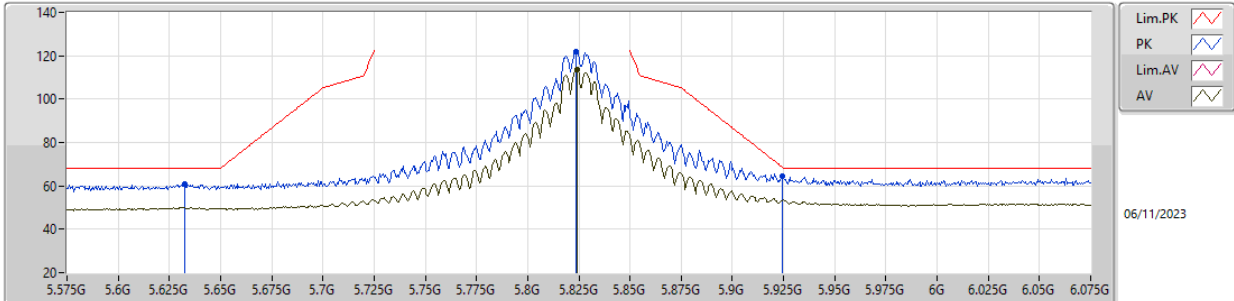


EUT\_Y\_2TX  
Setting 27  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.5534G	56.04	74.00	-17.96	42.43	3	Horizontal	35	2.23	-	38.80	9.50	34.69
AV	11.5895G	43.32	54.00	-10.68	29.68	3	Horizontal	35	2.23	-	38.80	9.52	34.68
PK	17.3367G	63.10	68.20	-5.10	44.00	3	Horizontal	114	2.04	-	41.67	12.53	35.10

5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5825MHz\_TX

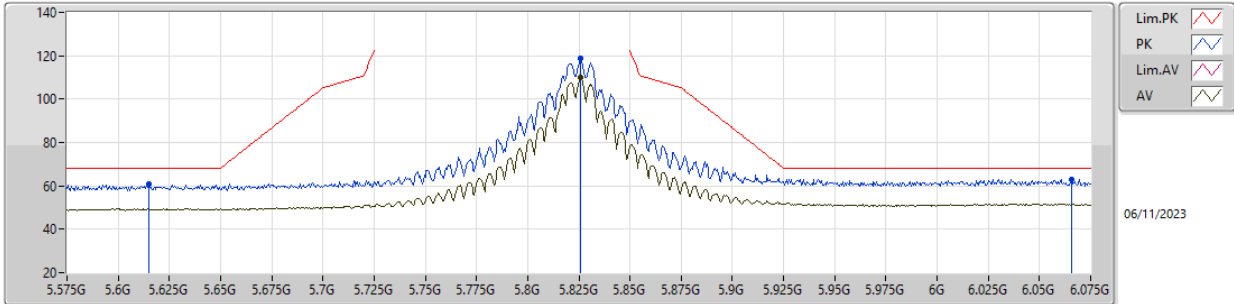


EUT\_Y\_2TX  
 Setting 27  
 01-H-Y-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.6325G	61.05	68.20	-7.15	53.80	3	Vertical	10	1.80	-	32.60	7.53	32.88
PK	5.8235G	122.15	Inf	-Inf	113.91	3	Vertical	10	1.80	-	33.59	7.59	32.94
AV	5.824G	113.75	Inf	-Inf	105.50	3	Vertical	10	1.80	-	33.60	7.59	32.94
PK	5.9245G	64.43	68.57	-4.14	55.76	3	Vertical	10	1.80	-	34.00	7.64	32.97

5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5825MHz\_TX

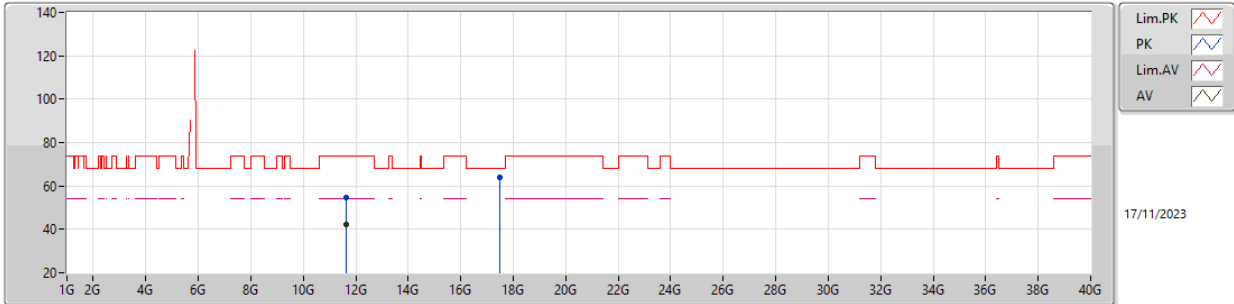


EUT\_Y\_2TX  
 Setting 27  
 01-H-Y-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.615G	61.04	68.20	-7.16	53.79	3	Horizontal	158	1.80	-	32.60	7.52	32.87
PK	5.826G	118.80	Inf	-Inf	110.55	3	Horizontal	158	1.80	-	33.60	7.59	32.94
AV	5.826G	109.85	Inf	-Inf	101.60	3	Horizontal	158	1.80	-	33.60	7.59	32.94
PK	6.0655G	63.12	68.20	-5.08	54.47	3	Horizontal	158	1.80	-	33.97	7.69	33.01

5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5825MHz\_TX

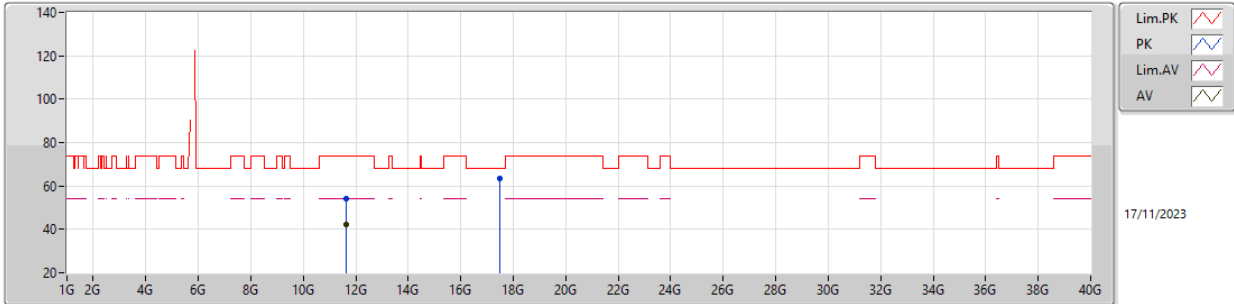


EUT\_Y\_2TX  
Setting 27  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.65327G	54.89	74.00	-19.11	41.21	3	Vertical	138	1.80	-	38.79	9.55	34.66
AV	11.65315G	42.43	54.00	-11.57	28.75	3	Vertical	138	1.80	-	38.79	9.55	34.66
PK	17.4867G	63.93	68.20	-4.27	44.48	3	Vertical	201	2.36	-	41.93	12.65	35.13

5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5825MHz\_TX

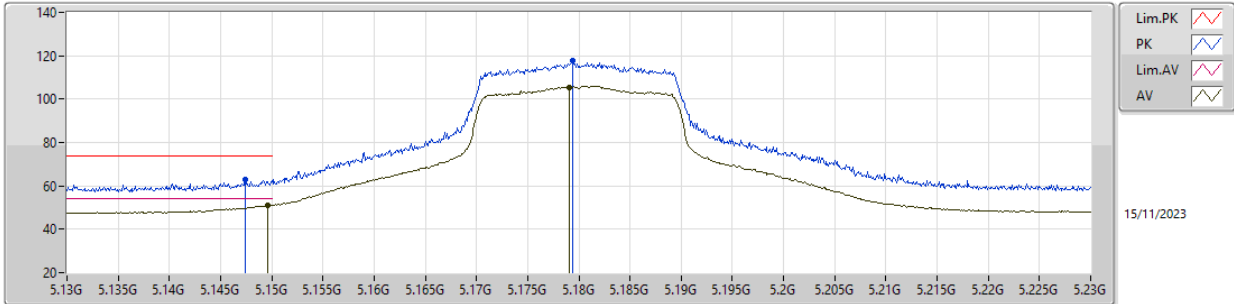


EUT\_Y\_2TX  
Setting 27  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.65053G	54.08	74.00	-19.92	40.39	3	Horizontal	284	1.64	-	38.80	9.55	34.66
AV	11.65112G	42.20	54.00	-11.80	28.51	3	Horizontal	284	1.64	-	38.80	9.55	34.66
PK	17.49505G	63.49	68.20	-4.71	44.06	3	Horizontal	168	1.11	-	41.91	12.65	35.13

5.15-5.25GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5180MHz\_TX



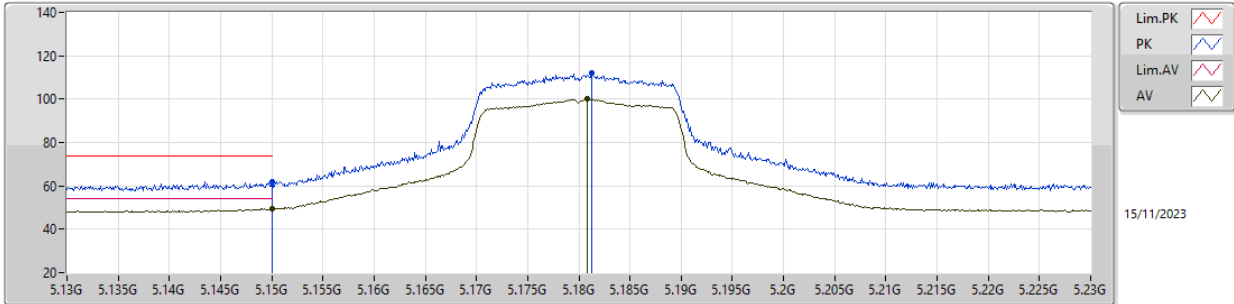
EUT\_Y\_2TX  
 Setting 23  
 01-C-Y-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1474G	63.04	74.00	-10.96	55.81	3	Vertical	115	1.80	-	32.89	7.24	32.90
AV	5.1496G	51.28	54.00	-2.72	44.04	3	Vertical	115	1.80	-	32.90	7.24	32.90
PK	5.1794G	117.92	Inf	-Inf	110.65	3	Vertical	115	1.80	-	32.90	7.26	32.89
AV	5.1791G	105.31	Inf	-Inf	98.04	3	Vertical	115	1.80	-	32.90	7.26	32.89



5.15-5.25GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5180MHz\_TX

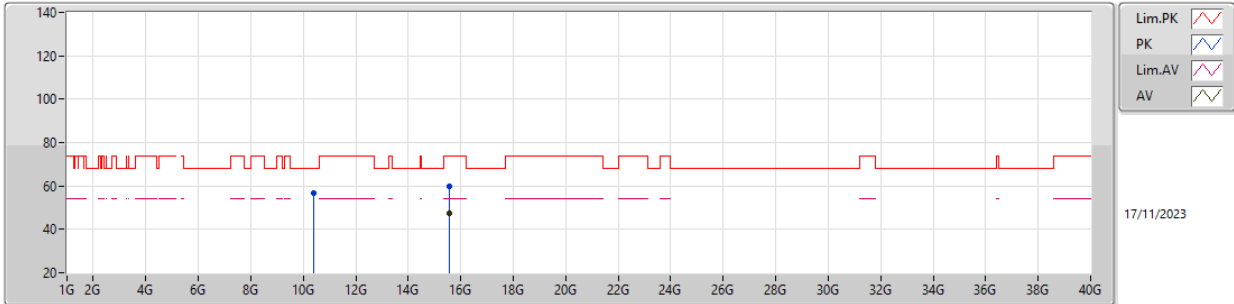


EUT\_Y\_2TX  
 Setting Z3  
 01-C-Y-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.15G	61.96	74.00	-12.04	54.72	3	Horizontal	202	1.55	-	32.90	7.24	32.90
AV	5.15G	49.50	54.00	-4.50	42.26	3	Horizontal	202	1.55	-	32.90	7.24	32.90
PK	5.1813G	112.32	Inf	-Inf	105.05	3	Horizontal	202	1.55	-	32.90	7.26	32.89
AV	5.1808G	100.26	Inf	-Inf	92.99	3	Horizontal	202	1.55	-	32.90	7.26	32.89

5.15-5.25GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5180MHz\_TX

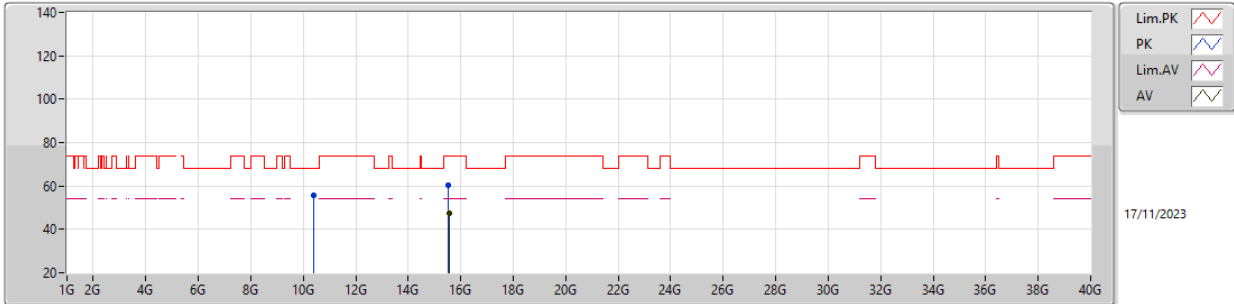


EUT\_Y\_2TX  
Setting 23  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.3816G	56.80	68.20	-11.40	43.06	3	Vertical	357	1.13	-	38.60	8.90	33.76
PK	15.5457G	59.93	74.00	-14.07	45.46	3	Vertical	192	1.21	-	38.30	11.23	35.06
AV	15.5541G	47.43	54.00	-6.57	32.94	3	Vertical	192	1.21	-	38.31	11.24	35.06

5.15-5.25GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5180MHz\_TX

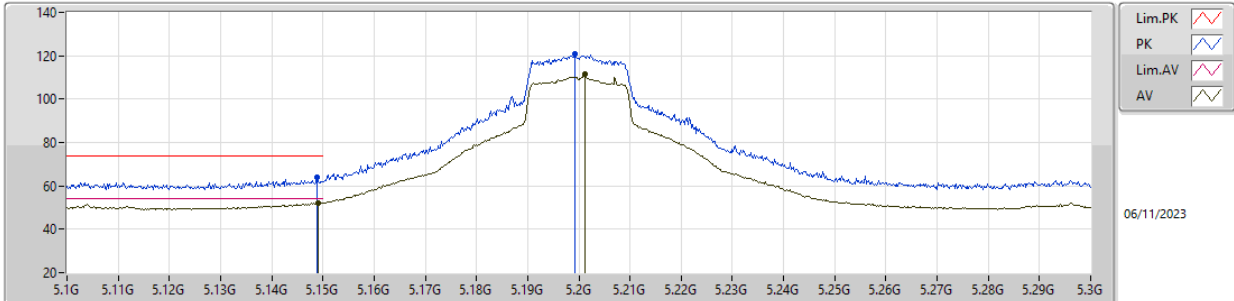


EUT\_Y\_2TX  
Setting 23  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.38365G	55.90	68.20	-12.30	42.15	3	Horizontal	85	2.90	-	38.60	8.91	33.76
PK	15.5157G	60.21	74.00	-13.79	45.76	3	Horizontal	167	2.04	-	38.30	11.22	35.07
AV	15.5601G	47.56	54.00	-6.44	33.06	3	Horizontal	167	2.04	-	38.32	11.24	35.06

5.15-5.25GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5200MHz\_TX

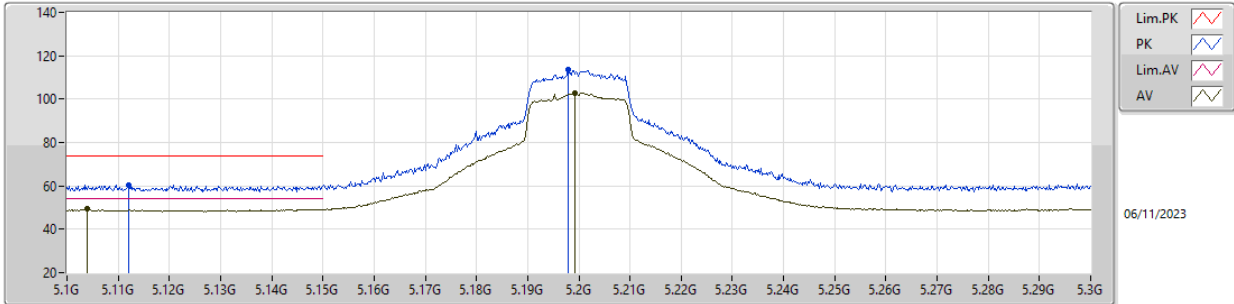


EUT\_Y\_2TX  
 Setting 26  
 01-H-Y-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1488G	64.13	74.00	-9.87	57.09	3	Vertical	22	1.80	-	32.70	7.24	32.90
AV	5.149G	52.04	54.00	-1.96	45.00	3	Vertical	22	1.80	-	32.70	7.24	32.90
PK	5.1992G	120.99	Inf	-Inf	113.80	3	Vertical	22	1.80	-	32.80	7.28	32.89
AV	5.2012G	111.54	Inf	-Inf	104.35	3	Vertical	22	1.80	-	32.80	7.28	32.89

5.15-5.25GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5200MHz\_TX

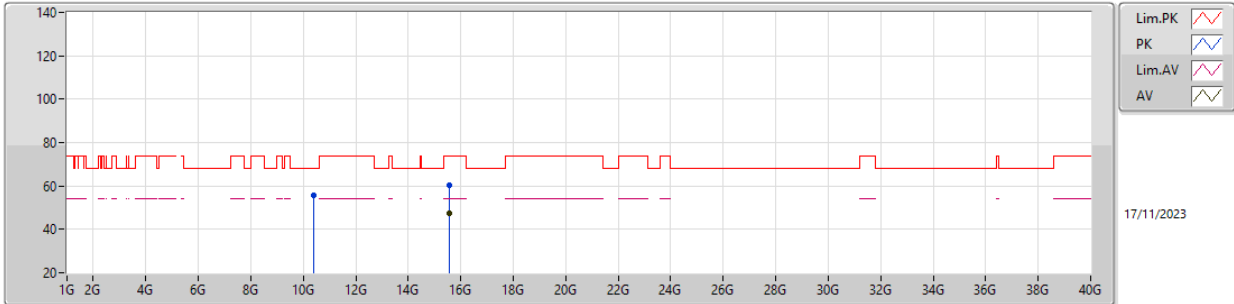


EUT\_Y\_2TX  
 Setting 26  
 01-H-Y-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.112G	60.39	74.00	-13.61	53.31	3	Horizontal	160	2.42	-	32.78	7.21	32.91
AV	5.104G	49.28	54.00	-4.72	42.20	3	Horizontal	160	2.42	-	32.79	7.20	32.91
PK	5.198G	113.51	Inf	-Inf	106.32	3	Horizontal	160	2.42	-	32.80	7.28	32.89
AV	5.1992G	102.93	Inf	-Inf	95.74	3	Horizontal	160	2.42	-	32.80	7.28	32.89

5.15-5.25GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5200MHz\_TX

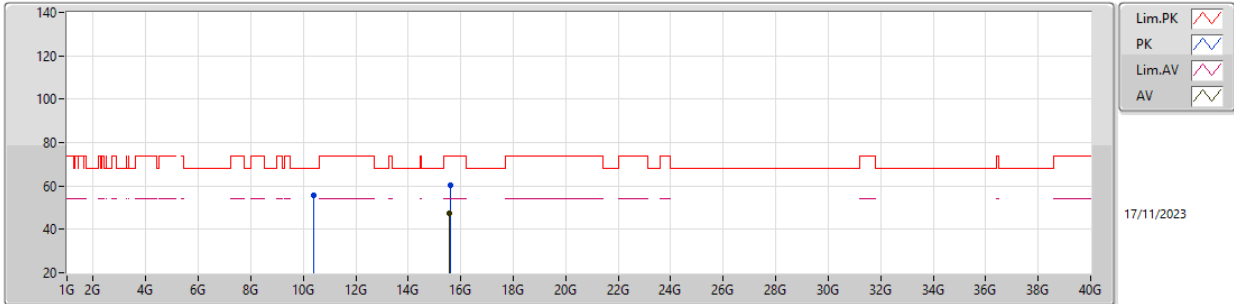


EUT\_Y\_2TX  
Setting 26  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.3929G	55.91	68.20	-12.29	42.17	3	Vertical	154	2.60	-	38.60	8.91	33.77
PK	15.57655G	60.42	74.00	-13.58	45.88	3	Vertical	178	2.01	-	38.35	11.25	35.06
AV	15.5799G	47.53	54.00	-6.47	32.98	3	Vertical	178	2.01	-	38.36	11.25	35.06

5.15-5.25GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5200MHz\_TX

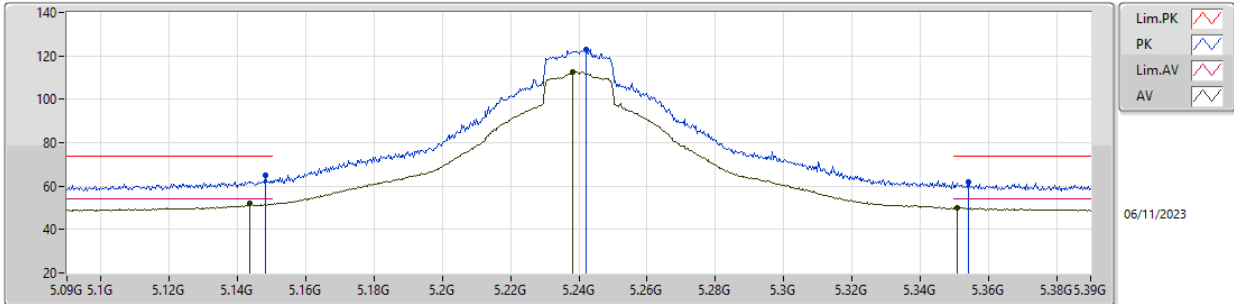


EUT\_Y\_2TX  
Setting 26  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.41675G	55.64	68.20	-12.56	41.90	3	Horizontal	162	1.24	-	38.60	8.92	33.78
PK	15.5945G	60.22	74.00	-13.78	45.63	3	Horizontal	358	1.30	-	38.39	11.26	35.06
AV	15.57575G	47.48	54.00	-6.52	32.94	3	Horizontal	358	1.30	-	38.35	11.25	35.06

5.15-5.25GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5240MHz\_TX



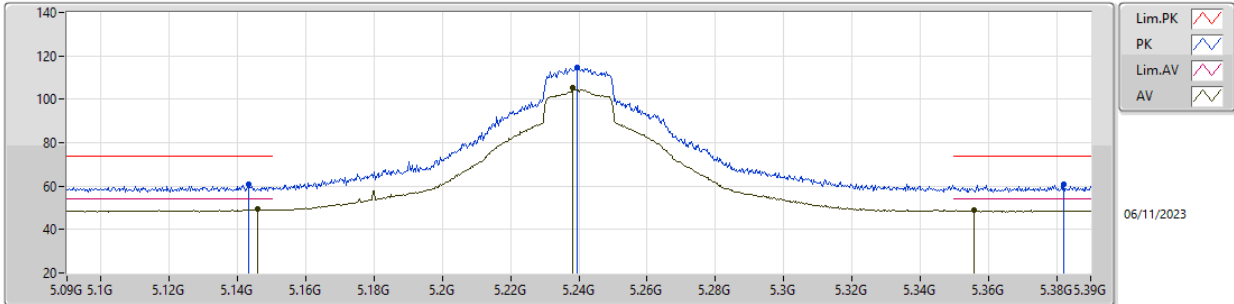
EUT\_Y\_2TX  
Setting 30  
01-H-Y-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1482G	64.75	74.00	-9.25	57.71	3	Vertical	28	1.80	-	32.70	7.24	32.90
AV	5.1437G	51.88	54.00	-2.12	44.84	3	Vertical	28	1.80	-	32.71	7.23	32.90
PK	5.2421G	123.07	Inf	-Inf	115.85	3	Vertical	28	1.80	-	32.80	7.30	32.88
AV	5.2382G	112.78	Inf	-Inf	105.56	3	Vertical	28	1.80	-	32.80	7.30	32.88
PK	5.3543G	61.86	74.00	-12.14	54.76	3	Vertical	28	1.80	-	32.61	7.35	32.86
AV	5.351G	50.06	54.00	-3.94	42.97	3	Vertical	28	1.80	-	32.60	7.35	32.86



5.15-5.25GHz\_802.11ax\_HEW20-BF\_Nss1,(MCS0)\_2TX

5240MHz\_TX

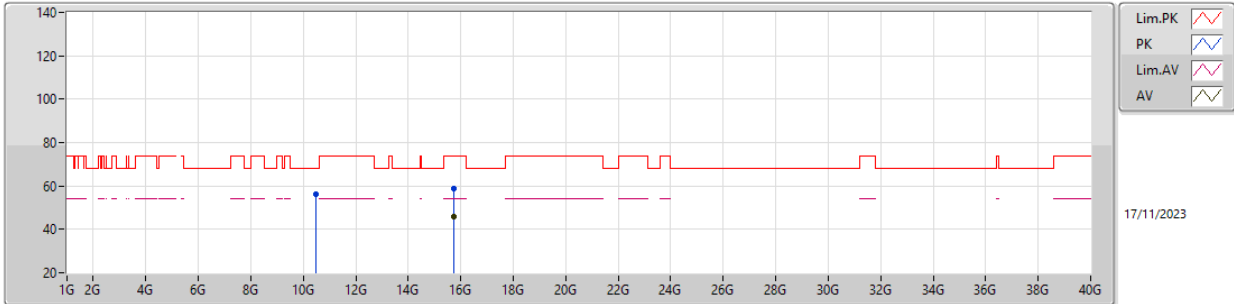


EUT\_Y\_2TX  
 Setting 30  
 01-H-Y-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1431G	60.62	74.00	-13.38	53.58	3	Horizontal	197	1.39	-	32.71	7.23	32.90
AV	5.1458G	49.24	54.00	-4.76	42.20	3	Horizontal	197	1.39	-	32.71	7.23	32.90
PK	5.2394G	114.67	Inf	-Inf	107.45	3	Horizontal	197	1.39	-	32.80	7.30	32.88
AV	5.2382G	105.60	Inf	-Inf	98.38	3	Horizontal	197	1.39	-	32.80	7.30	32.88
PK	5.3822G	61.01	74.00	-12.99	53.84	3	Horizontal	197	1.39	-	32.66	7.36	32.85
AV	5.3558G	48.78	54.00	-5.22	41.68	3	Horizontal	197	1.39	-	32.61	7.35	32.86

5.15-5.25GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5240MHz\_TX

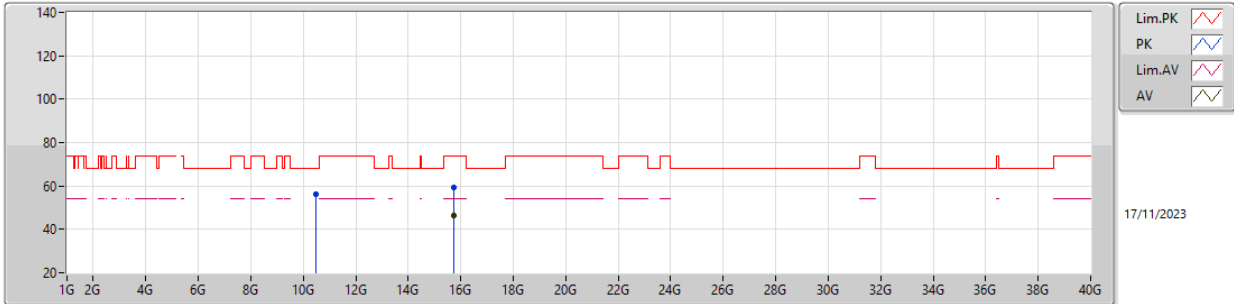


EUT\_Y\_2TX  
Setting 30  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.4977G	55.96	68.20	-12.24	42.14	3	Vertical	133	1.95	-	38.70	8.96	33.84
PK	15.7397G	58.83	74.00	-15.17	44.50	3	Vertical	233	1.65	-	38.04	11.33	35.04
AV	15.73925G	46.06	54.00	-7.94	31.73	3	Vertical	233	1.65	-	38.04	11.33	35.04

5.15-5.25GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5240MHz\_TX

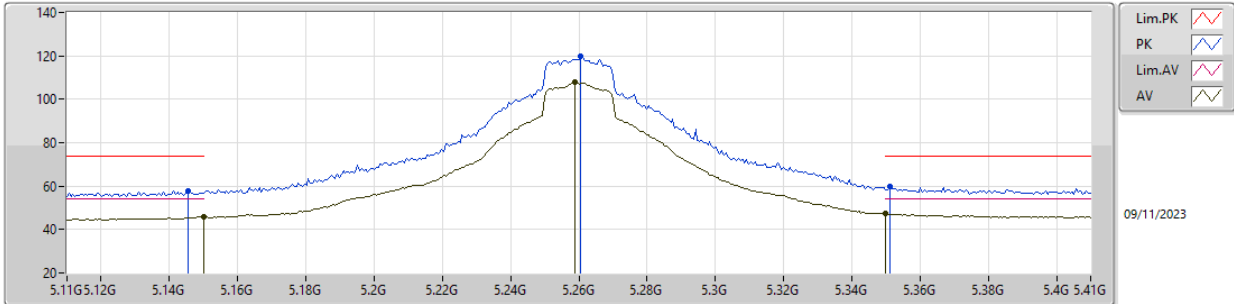


EUT\_Y\_2TX  
Setting 30  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.49105G	56.25	68.20	-11.95	42.44	3	Horizontal	80	1.69	-	38.68	8.96	33.83
PK	15.74115G	59.32	74.00	-14.68	44.98	3	Horizontal	219	2.39	-	38.05	11.33	35.04
AV	15.7449G	46.23	54.00	-7.77	31.87	3	Horizontal	219	2.39	-	38.07	11.33	35.04

5.25-5.35GHz\_802.11ax\_HEW20-BF\_Nss1,(MCS0)\_2TX

5260MHz\_TX

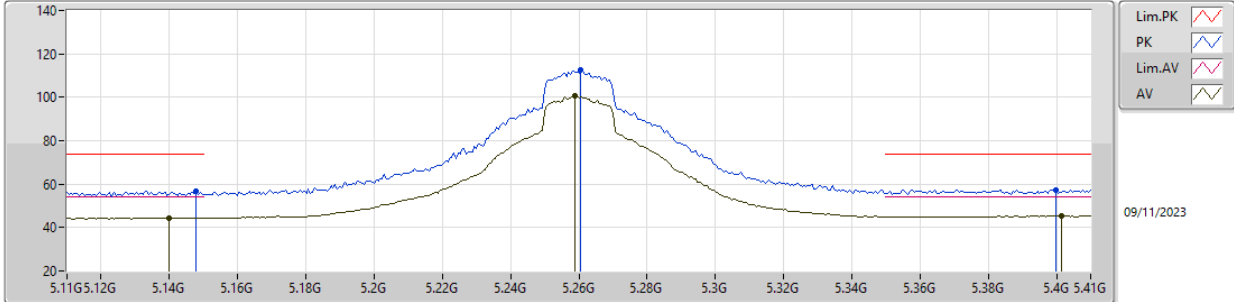


EUTY\_2TX  
 Setting 30  
 04-F-R-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1454G	57.83	74.00	-16.17	52.60	3	Vertical	256	1.91	-	32.59	5.90	33.26
AV	5.15G	45.79	54.00	-8.21	40.55	3	Vertical	256	1.91	-	32.60	5.90	33.26
PK	5.2606G	119.65	Inf	-Inf	114.25	3	Vertical	256	1.91	-	32.72	5.98	33.30
AV	5.2588G	107.71	Inf	-Inf	102.31	3	Vertical	256	1.91	-	32.72	5.98	33.30
PK	5.3512G	59.72	74.00	-14.28	54.09	3	Vertical	256	1.91	-	32.90	6.07	33.34
AV	5.35G	47.17	54.00	-6.83	41.54	3	Vertical	256	1.91	-	32.90	6.07	33.34

5.25-5.35GHz\_802.11ax\_HEW20-BF\_Nss1,(MCS0)\_2TX

5260MHz\_TX

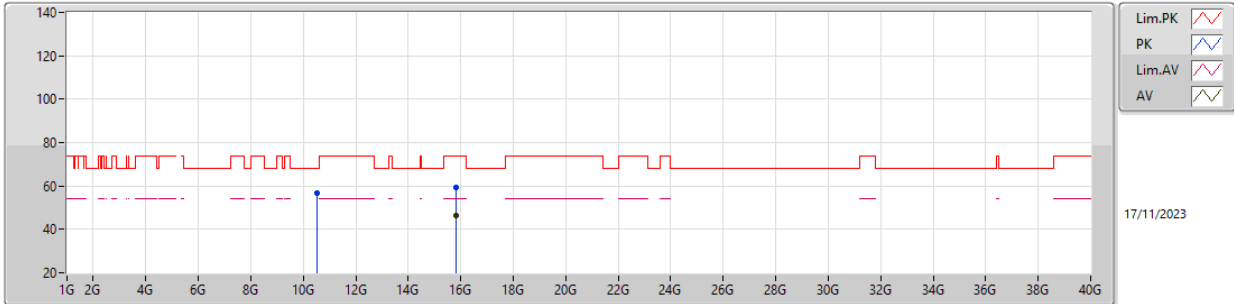


EUTY\_2TX  
Setting 30  
04-F-R-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1478G	56.84	74.00	-17.16	51.60	3	Horizontal	166	1.92	-	32.60	5.90	33.26
AV	5.14G	44.54	54.00	-9.46	39.33	3	Horizontal	166	1.92	-	32.58	5.89	33.26
PK	5.2606G	112.38	Inf	-Inf	106.98	3	Horizontal	166	1.92	-	32.72	5.98	33.30
AV	5.2588G	100.75	Inf	-Inf	95.35	3	Horizontal	166	1.92	-	32.72	5.98	33.30
PK	5.3998G	57.37	74.00	-16.63	51.50	3	Horizontal	166	1.92	-	33.10	6.12	33.35
AV	5.4016G	45.49	54.00	-8.51	39.61	3	Horizontal	166	1.92	-	33.11	6.12	33.35

5.25-5.35GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5260MHz\_TX

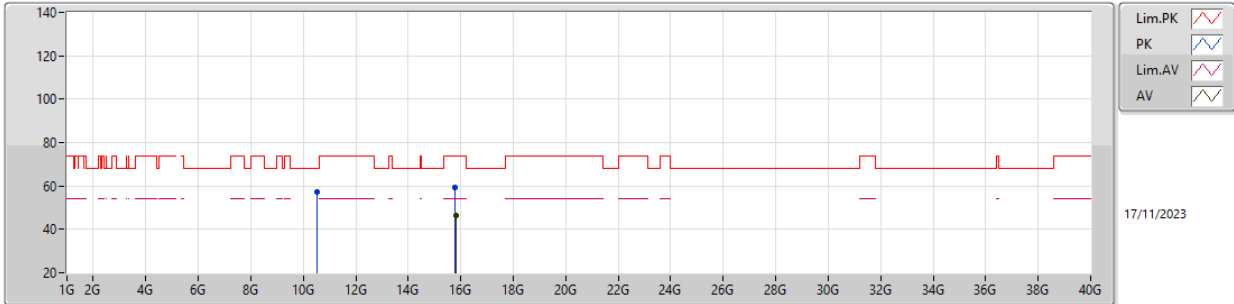


EUT\_Y\_2TX  
Setting 30  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.5055G	56.57	68.20	-11.63	42.73	3	Vertical	325	1.49	-	38.71	8.97	33.84
PK	15.8034G	59.20	74.00	-14.80	44.68	3	Vertical	58	1.36	-	38.19	11.36	35.03
AV	15.8014G	46.23	54.00	-7.77	31.70	3	Vertical	58	1.36	-	38.20	11.36	35.03

5.25-5.35GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5260MHz\_TX

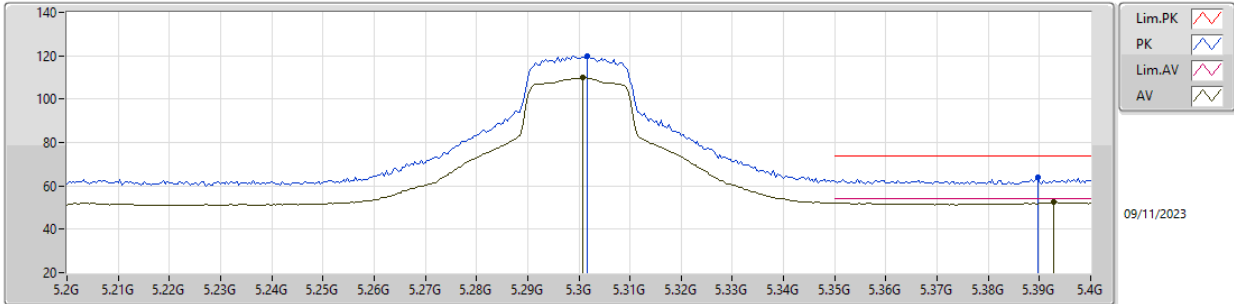


EUT\_Y\_2TX  
Setting 30  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.5091G	57.07	68.20	-11.13	43.23	3	Horizontal	180	1.64	-	38.72	8.97	33.85
PK	15.8003G	59.44	74.00	-14.56	44.91	3	Horizontal	236	2.49	-	38.20	11.36	35.03
AV	15.807G	46.28	54.00	-7.72	31.76	3	Horizontal	236	2.49	-	38.19	11.36	35.03

5.25-5.35GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5300MHz\_TX



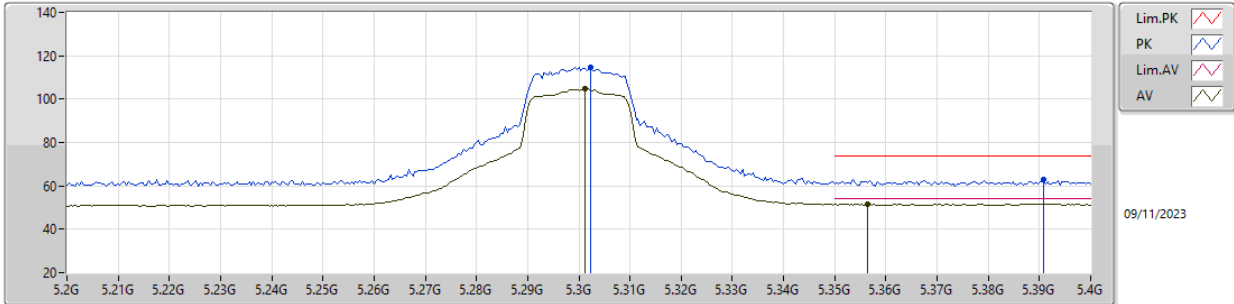
EUT\_Y\_2TX  
Setting 24  
03-G-P-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.3016G	119.70	Inf	-Inf	113.37	3	Vertical	99	2.06	-	34.31	6.89	34.87
AV	5.3008G	109.79	Inf	-Inf	103.47	3	Vertical	99	2.06	-	34.30	6.89	34.87
PK	5.3896G	64.07	74.00	-9.93	57.47	3	Vertical	99	2.06	-	34.42	7.06	34.88
AV	5.3928G	52.48	54.00	-1.52	45.88	3	Vertical	99	2.06	-	34.41	7.07	34.88



5.25-5.35GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5300MHz\_TX

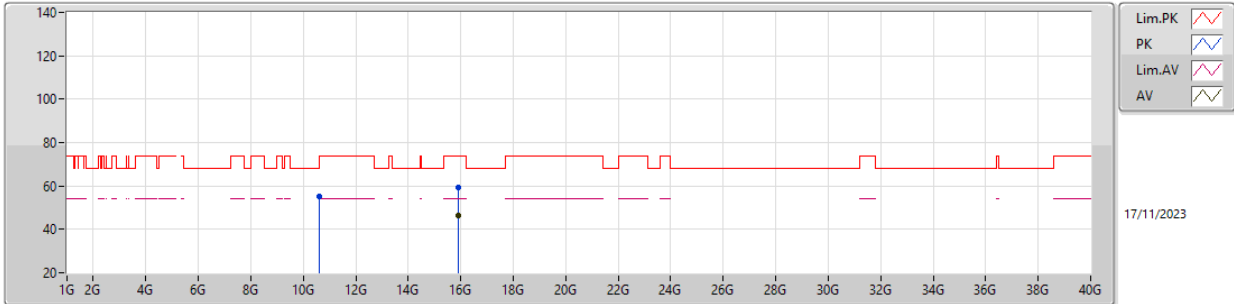


EUT\_Y\_2TX  
 Setting 24  
 03-G-P-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.3024G	114.53	Inf	-Inf	108.20	3	Horizontal	203	2.14	-	34.31	6.89	34.87
AV	5.3012G	104.67	Inf	-Inf	98.35	3	Horizontal	203	2.14	-	34.30	6.89	34.87
PK	5.3908G	62.73	74.00	-11.27	56.13	3	Horizontal	203	2.14	-	34.42	7.06	34.88
AV	5.3564G	51.61	54.00	-2.39	45.01	3	Horizontal	203	2.14	-	34.49	6.99	34.88

5.25-5.35GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5300MHz\_TX

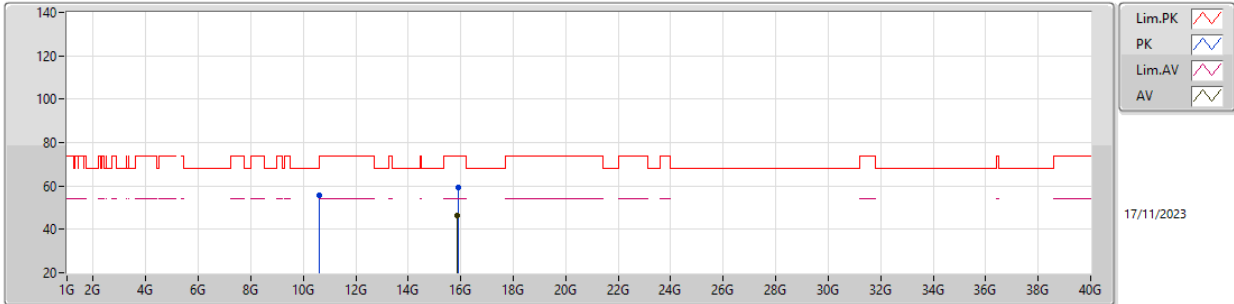


EUT\_Y\_2TX  
Setting 24  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.594G	55.19	68.20	-13.01	41.21	3	Vertical	29	1.08	-	38.89	9.01	33.92
PK	15.9186G	59.28	74.00	-14.72	44.62	3	Vertical	188	2.87	-	38.27	11.41	35.02
AV	15.895G	46.23	54.00	-7.77	31.66	3	Vertical	188	2.87	-	38.19	11.40	35.02

5.25-5.35GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5300MHz\_TX

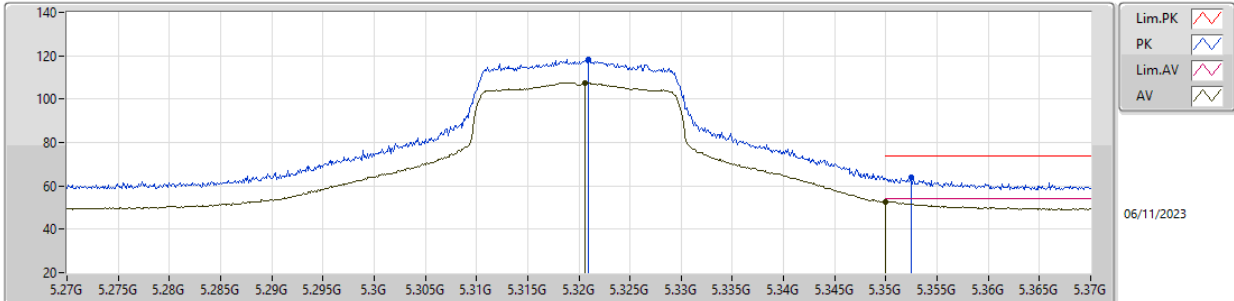


EUT\_Y\_2TX  
Setting 24  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.602G	55.68	74.00	-18.32	41.69	3	Horizontal	97	1.83	-	38.90	9.02	33.93
PK	15.8906G	59.48	74.00	-14.52	44.92	3	Horizontal	154	1.41	-	38.18	11.40	35.02
AV	15.8843G	46.54	54.00	-7.46	31.99	3	Horizontal	154	1.41	-	38.17	11.40	35.02

5.25-5.35GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5320MHz\_TX

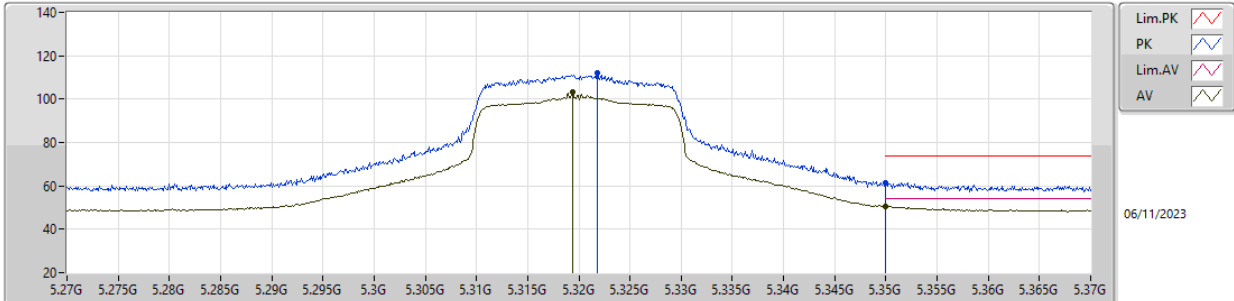


EUT\_Y\_2TX  
Setting 23  
01-H-Y-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.3209G	118.53	Inf	-Inf	111.41	3	Vertical	31	1.66	-	32.66	7.33	32.87
AV	5.3206G	107.61	Inf	-Inf	100.49	3	Vertical	31	1.66	-	32.66	7.33	32.87
PK	5.3525G	63.74	74.00	-10.26	56.64	3	Vertical	31	1.66	-	32.61	7.35	32.86
AV	5.35G	52.67	54.00	-1.33	45.58	3	Vertical	31	1.66	-	32.60	7.35	32.86

5.25-5.35GHz\_802.11ax\_HEW20-BF\_Nss1,(MCS0)\_2TX

5320MHz\_TX

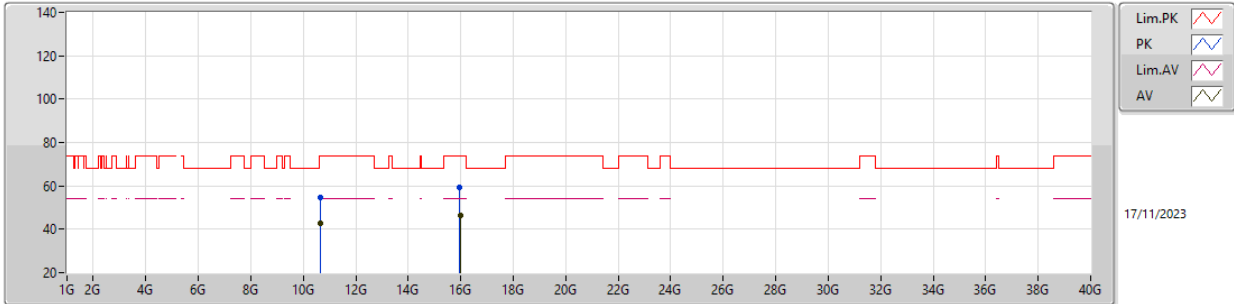


EUT\_Y\_2TX  
 Setting 23  
 01-H-Y-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.3218G	111.93	Inf	-Inf	104.81	3	Horizontal	198	2.24	-	32.66	7.33	32.87
AV	5.3194G	103.09	Inf	-Inf	95.97	3	Horizontal	198	2.24	-	32.66	7.33	32.87
PK	5.35G	61.39	74.00	-12.61	54.30	3	Horizontal	198	2.24	-	32.60	7.35	32.86
AV	5.35G	50.64	54.00	-3.36	43.55	3	Horizontal	198	2.24	-	32.60	7.35	32.86

5.25-5.35GHz\_802.11ax\_HEW20-BF\_Nss1,(MCS0)\_2TX

5320MHz\_TX

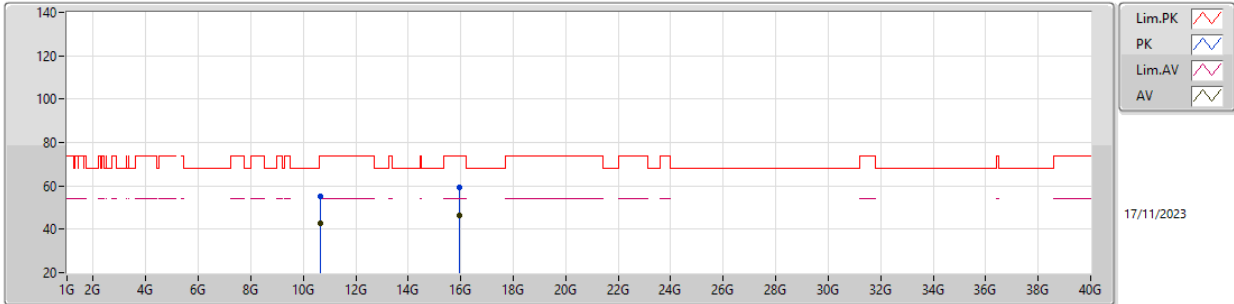


EUT\_Y\_2TX  
Setting 23  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.64G	54.82	74.00	-19.18	40.84	3	Vertical	214	2.52	-	38.90	9.04	33.96
AV	10.64655G	42.78	54.00	-11.22	28.81	3	Vertical	214	2.52	-	38.90	9.04	33.97
PK	15.9438G	59.16	74.00	-14.84	44.38	3	Vertical	317	2.04	-	38.38	11.42	35.02
AV	15.98365G	46.49	54.00	-7.51	31.66	3	Vertical	317	2.04	-	38.40	11.44	35.01

5.25-5.35GHz\_802.11ax\_HEW20-BF\_Nss1,(MCS0)\_2TX

5320MHz\_TX

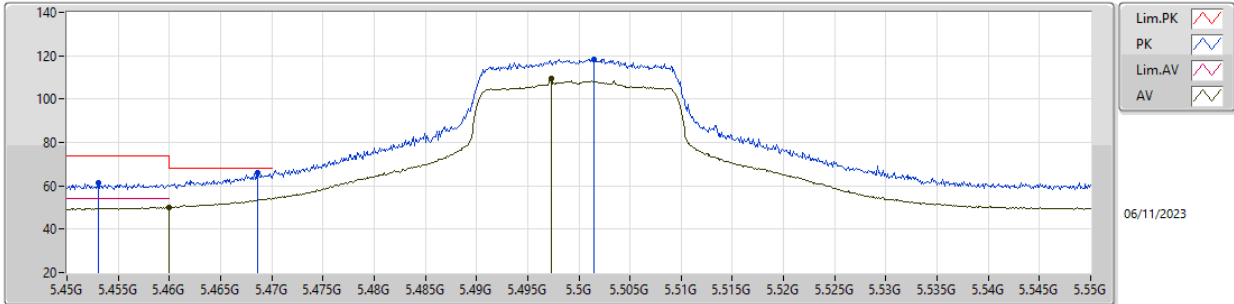


EUT\_Y\_2TX  
Setting 23  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.64155G	54.92	74.00	-19.08	40.94	3	Horizontal	127	2.79	-	38.90	9.04	33.96
AV	10.66455G	42.66	54.00	-11.34	28.69	3	Horizontal	127	2.79	-	38.90	9.05	33.98
PK	15.96875G	59.11	74.00	-14.89	44.28	3	Horizontal	181	2.36	-	38.40	11.44	35.01
AV	15.94965G	46.53	54.00	-7.47	31.72	3	Horizontal	181	2.36	-	38.40	11.43	35.02

5.47-5.725GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5500MHz\_TX



Lim.PK  
PK  
Lim.AV  
AV

06/11/2023

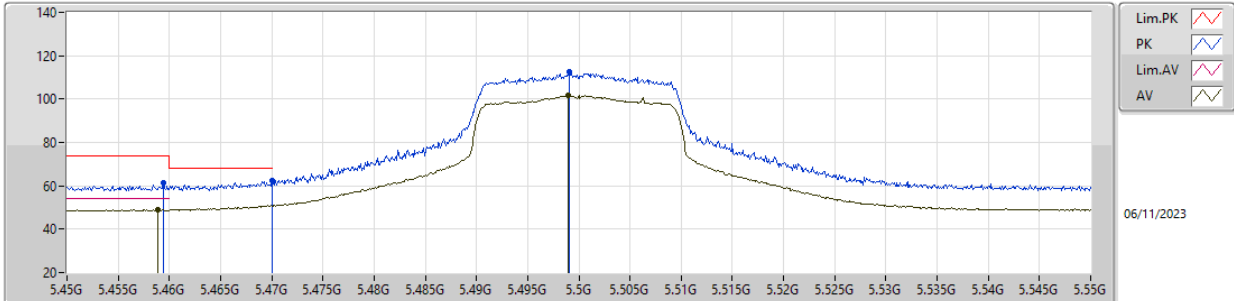
EUT\_Y\_2TX  
Setting 24  
01-H-Y-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.4531G	61.26	74.00	-12.74	54.09	3	Vertical	15	1.61	-	32.60	7.41	32.84
AV	5.46G	50.18	54.00	-3.82	43.00	3	Vertical	15	1.61	-	32.60	7.42	32.84
PK	5.4686G	66.19	68.20	-2.01	59.01	3	Vertical	15	1.61	-	32.60	7.42	32.84
PK	5.5015G	118.48	Inf	-Inf	111.26	3	Vertical	15	1.61	-	32.60	7.45	32.83
AV	5.4973G	109.47	Inf	-Inf	102.26	3	Vertical	15	1.61	-	32.60	7.44	32.83



5.47-5.725GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5500MHz\_TX

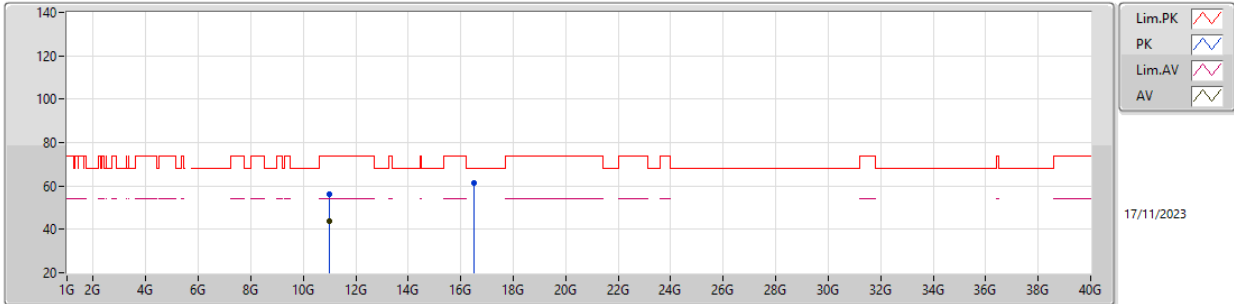


EUT\_Y\_2TX  
Setting 24  
01-H-Y-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.4594G	61.25	74.00	-12.75	54.08	3	Horizontal	162	2.43	-	32.60	7.41	32.84
AV	5.4589G	49.21	54.00	-4.79	42.04	3	Horizontal	162	2.43	-	32.60	7.41	32.84
PK	5.47G	62.29	68.20	-5.91	55.11	3	Horizontal	162	2.43	-	32.60	7.42	32.84
PK	5.4991G	112.54	Inf	-Inf	105.33	3	Horizontal	162	2.43	-	32.60	7.44	32.83
AV	5.499G	101.59	Inf	-Inf	94.38	3	Horizontal	162	2.43	-	32.60	7.44	32.83

5.47-5.725GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5500MHz\_TX

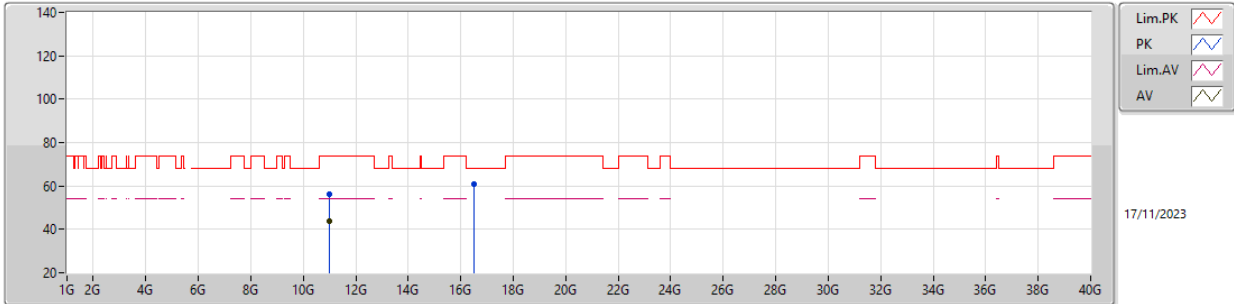


EUT\_Y\_2TX  
Setting 24  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.99915G	56.15	74.00	-17.85	42.31	3	Vertical	174	1.57	-	38.90	9.22	34.28
AV	10.99475G	43.87	54.00	-10.13	30.02	3	Vertical	174	1.57	-	38.91	9.22	34.28
PK	16.5157G	61.35	68.20	-6.85	45.06	3	Vertical	111	2.35	-	39.33	11.87	34.91

5.47-5.725GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5500MHz\_TX

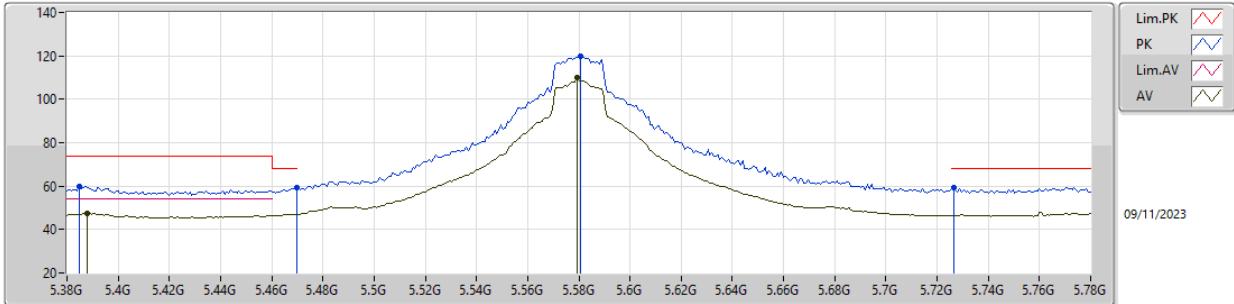


EUT\_Y\_2TX  
Setting 24  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.0027G	56.14	74.00	-17.86	42.31	3	Horizontal	149	1.57	-	38.89	9.22	34.28
AV	11.00775G	43.74	54.00	-10.26	29.93	3	Horizontal	149	1.57	-	38.88	9.22	34.29
PK	16.4952G	60.92	68.20	-7.28	44.69	3	Horizontal	327	2.28	-	39.29	11.85	34.91

5.47-5.725GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5580MHz\_TX

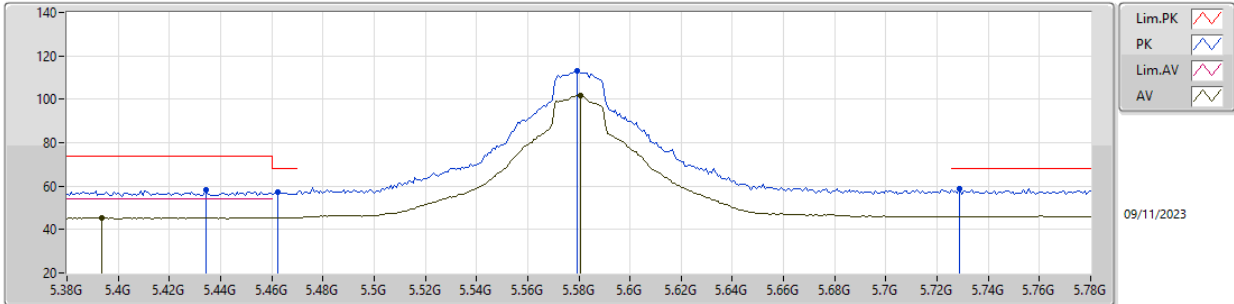


EUT\_Y\_2TX  
Setting 30  
04-F-R-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.3848G	59.87	74.00	-14.13	54.08	3	Vertical	113.8	1.56	-	33.04	6.10	33.35
AV	5.388G	47.58	54.00	-6.42	41.77	3	Vertical	113.8	1.56	-	33.05	6.11	33.35
PK	5.4696G	59.16	68.20	-9.04	52.97	3	Vertical	113.8	1.56	-	33.42	6.15	33.38
PK	5.5808G	119.92	Inf	-Inf	113.42	3	Vertical	113.8	1.56	-	33.70	6.21	33.41
AV	5.5792G	109.92	Inf	-Inf	103.42	3	Vertical	113.8	1.56	-	33.70	6.21	33.41
PK	5.7264G	59.32	68.20	-8.88	52.65	3	Vertical	113.8	1.56	-	33.91	6.21	33.45

5.47-5.725GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5580MHz\_TX

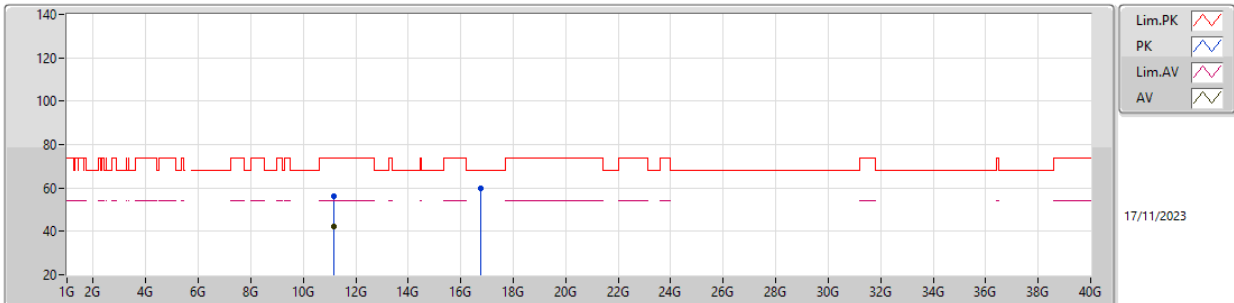


EUT\_Y\_2TX  
Setting 30  
04-F-R-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.4344G	58.41	74.00	-15.59	52.40	3	Horizontal	201	2.91	-	33.24	6.14	33.37
AV	5.3936G	45.53	54.00	-8.47	39.70	3	Horizontal	201	2.91	-	33.07	6.11	33.35
PK	5.4624G	57.41	68.20	-10.79	51.27	3	Horizontal	201	2.91	-	33.37	6.15	33.38
PK	5.5792G	113.19	Inf	-Inf	106.69	3	Horizontal	201	2.91	-	33.70	6.21	33.41
AV	5.5808G	101.72	Inf	-Inf	95.22	3	Horizontal	201	2.91	-	33.70	6.21	33.41
PK	5.7288G	58.95	68.20	-9.25	52.27	3	Horizontal	201	2.91	-	33.92	6.21	33.45

5.47-5.725GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5580MHz\_TX

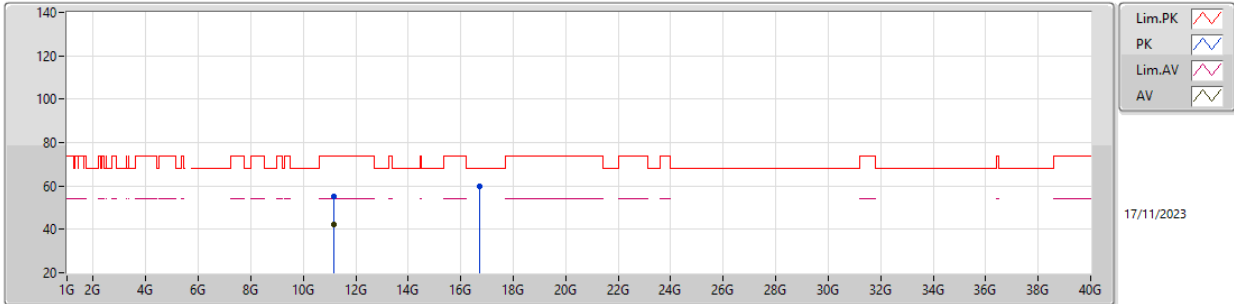


EUT\_Y\_2TX  
Setting 30  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.159G	55.98	74.00	-18.02	42.50	3	Vertical	203	1.75	-	38.60	9.30	34.42
AV	11.1777G	42.44	54.00	-11.56	28.96	3	Vertical	203	1.75	-	38.60	9.31	34.43
PK	16.7635G	60.03	68.20	-8.17	43.10	3	Vertical	115	2.39	-	39.85	12.06	34.98

5.47-5.725GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5580MHz\_TX

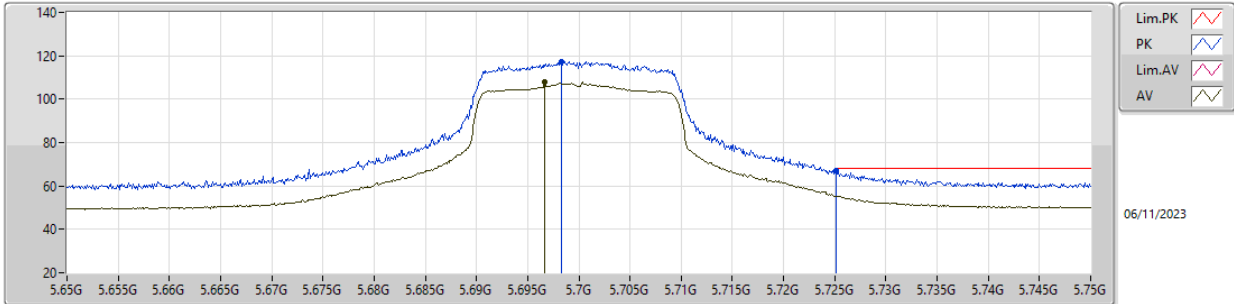


EUT\_Y\_2TX  
Setting 30  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.1621G	55.42	74.00	-18.58	41.94	3	Horizontal	41	2.74	-	38.60	9.30	34.42
AV	11.1455G	42.43	54.00	-11.57	28.93	3	Horizontal	41	2.74	-	38.62	9.29	34.41
PK	16.7151G	59.97	68.20	-8.23	43.25	3	Horizontal	30	2.26	-	39.66	12.03	34.97

5.47-5.725GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5700MHz\_TX



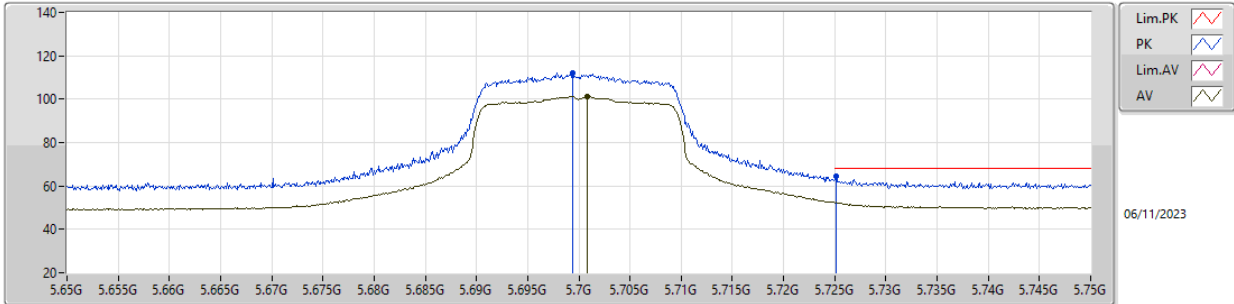
EUT\_Y\_2TX  
Setting 23  
01-H-Y-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.6983G	117.30	Inf	-Inf	109.66	3	Vertical	249	1.80	-	32.99	7.55	32.90
AV	5.6967G	107.97	Inf	-Inf	100.35	3	Vertical	249	1.80	-	32.97	7.55	32.90
PK	5.7251G	66.88	68.20	-1.32	59.03	3	Vertical	249	1.80	-	33.20	7.56	32.91



5.47-5.725GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5700MHz\_TX

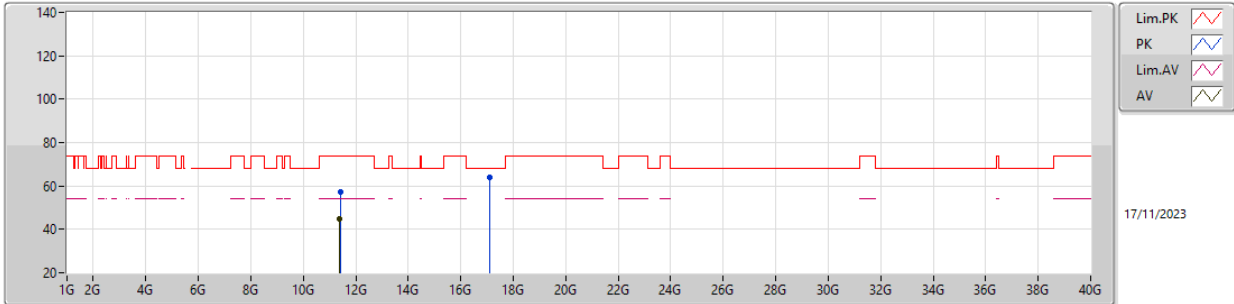


EUT\_Y\_2TX  
Setting 23  
01-H-Y-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.6994G	112.27	Inf	-Inf	104.62	3	Horizontal	156	2.04	-	33.00	7.55	32.90
AV	5.7008G	101.28	Inf	-Inf	93.62	3	Horizontal	156	2.04	-	33.01	7.55	32.90
PK	5.7251G	64.25	68.20	-3.95	56.40	3	Horizontal	156	2.04	-	33.20	7.56	32.91

5.47-5.725GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5700MHz\_TX

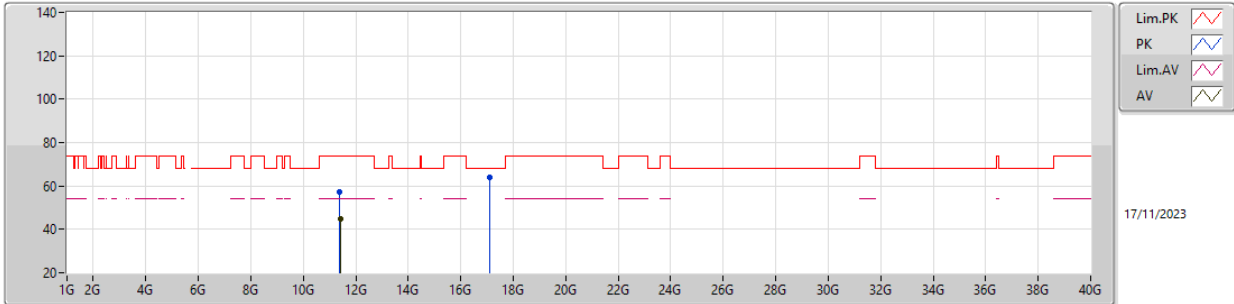


EUT\_Y\_2TX  
Setting 23  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.40705G	57.16	74.00	-16.84	43.56	3	Vertical	24	2.27	-	38.80	9.43	34.63
AV	11.38325G	45.07	54.00	-8.93	31.46	3	Vertical	24	2.27	-	38.80	9.42	34.61
PK	17.0905G	64.16	68.20	-4.04	45.95	3	Vertical	139	2.18	-	40.94	12.33	35.06

5.47-5.725GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5700MHz\_TX

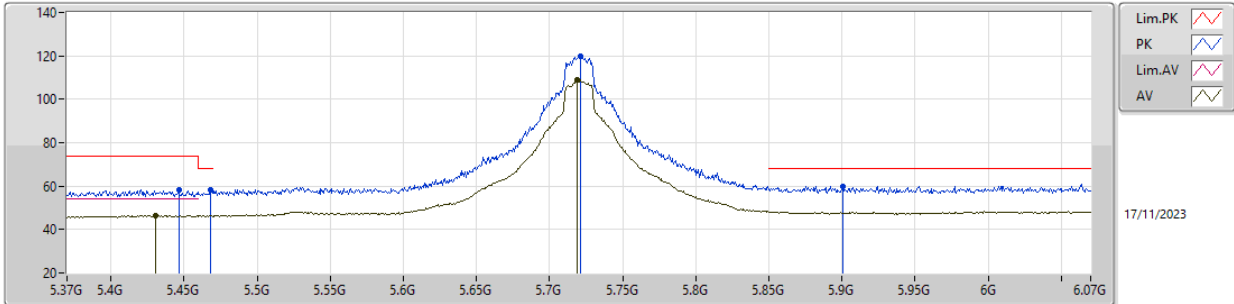


EUT\_Y\_2TX  
Setting 23  
04-F-M-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.3779G	57.39	74.00	-16.61	43.78	3	Horizontal	53	2.71	-	38.80	9.41	34.60
AV	11.41725G	44.85	54.00	-9.15	31.26	3	Horizontal	53	2.71	-	38.80	9.43	34.64
PK	17.11815G	64.14	68.20	-4.06	45.82	3	Horizontal	301	1.22	-	41.04	12.35	35.07

5.47-5.725GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5720MHz Straddle 5.47-5.725GHz\_TX



Lim.PK  
PK  
Lim.AV  
AV

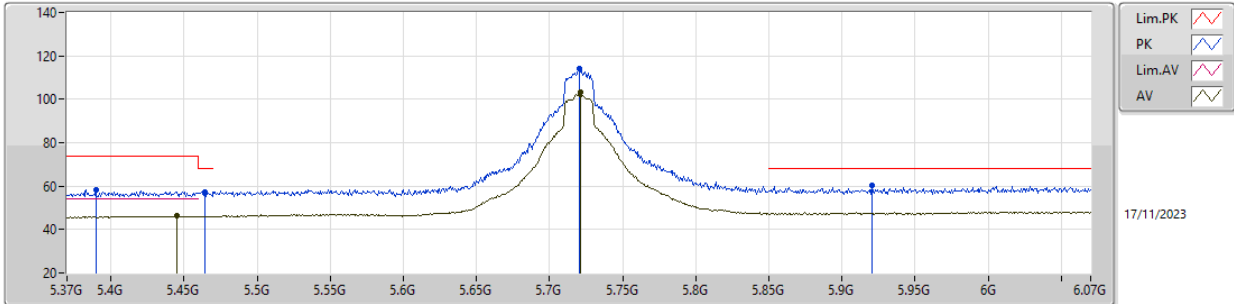
17/11/2023

EUTY\_2TX  
Setting 30  
04-F-M-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.4463G	58.12	74.00	-15.88	52.06	3	Vertical	28	1.58	-	33.29	6.14	33.37
AV	5.4309G	46.43	54.00	-7.57	40.44	3	Vertical	28	1.58	-	33.22	6.14	33.37
PK	5.468G	58.13	68.20	-10.07	51.95	3	Vertical	28	1.58	-	33.41	6.15	33.38
PK	5.7214G	119.73	Inf	-Inf	113.08	3	Vertical	28	1.58	-	33.89	6.21	33.45
AV	5.7186G	108.87	Inf	-Inf	102.24	3	Vertical	28	1.58	-	33.87	6.21	33.45
PK	5.9006G	59.82	68.20	-8.38	52.33	3	Vertical	28	1.58	-	34.70	6.29	33.50

5.47-5.725GHz\_802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

5720MHz Straddle 5.47-5.725GHz\_TX



EUTY\_2TX  
Setting 30  
04-F-M-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.3896G	58.33	74.00	-15.67	52.51	3	Horizontal	165	1.91	-	33.06	6.11	33.35
PK	5.4645G	57.31	68.20	-10.89	51.15	3	Horizontal	165	1.91	-	33.39	6.15	33.38
AV	5.4449G	46.13	54.00	-7.87	40.08	3	Horizontal	165	1.91	-	33.28	6.14	33.37
PK	5.7207G	114.09	Inf	-Inf	107.45	3	Horizontal	165	1.91	-	33.88	6.21	33.45
AV	5.7214G	103.44	Inf	-Inf	96.79	3	Horizontal	165	1.91	-	33.89	6.21	33.45
PK	5.9202G	60.09	68.20	-8.11	52.47	3	Horizontal	165	1.91	-	34.82	6.31	33.51