

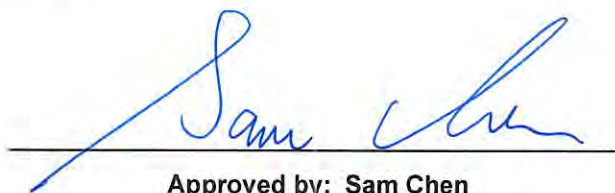


RADIO TEST REPORT

FCC ID : MSQ-RTAX4T00
Equipment : AXE7800 Tri Band WiFi Router, AXE6600 Tri Band WiFi Router
Brand Name : ASUS
Model Name : ET9, ET8, EBM69, AXE7800, AXE6600
Applicant : ASUSTeK COMPUTER INC.
1F., No. 15, Lide Rd., Beitou, Taipei City 112, Taiwan
Standard : 47 CFR FCC Part 15.407

The product was received on Dec. 28, 2023, and testing was started from Jan. 03, 2024 and completed on Mar. 01, 2024. 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.)



Table of Contents

History of this test report.....3

Summary of Test Result.....4

1 General Description5

1.1 Information.....5

1.2 Applicable Standards9

1.3 Testing Location Information.....9

1.4 Measurement Uncertainty10

2 Test Configuration of EUT11

2.1 Test Channel Mode11

2.2 The Worst Case Measurement Configuration14

2.3 EUT Operation during Test16

2.4 Accessories16

2.5 Support Equipment.....17

2.6 Test Setup Diagram19

3 Transmitter Test Result22

3.1 AC Power-line Conducted Emissions22

3.2 Emission Bandwidth24

3.3 Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)25

3.4 Peak Power Spectral Density (E.I.R.P.)28

3.5 Unwanted Emissions.....31

3.6 Contention Based Protocol.....36

4 Test Equipment and Calibration Data37

Appendix A. Test Results of AC Power-line Conducted Emissions

Appendix B. Test Results of Emission Bandwidth

Appendix C. Test Results of Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)

Appendix D. Test Results of Peak Power Spectral Density (E.I.R.P.)

Appendix E. Test Results of Unwanted Emissions

Appendix F. Test Results of Contention-Based Protocol

Appendix G. Test Photos

Photographs of EUT v01



History of this test report

Report No.	Version	Description	Issued Date
FR162923AC	01	Initial issue of report	Mar. 14, 2024



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
0	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)	PASS	-
3.4	15.407(a)	Peak Power Spectral Density (E.I.R.P.)	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-
3.6	15.407(d)	Contention-Based Protocol	PASS	-

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: Muse Chan



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5925-7125	a, ax (HEW20)	6115-7055	33-221 [48]
5925-7125	ax (HEW40)	6125-7045	35-219 [24]
5925-7125	ax (HEW80)	6145-7025	39-215 [12]
5925-7125	ax (HEW160)	6185-6985	47-207 [6]

Band	Mode	BWch (MHz)	Nant
5.925-7.125 GHz	802.11a	20	4TX
5.925-7.125 GHz	802.11ax HEW20	20	4TX
5.925-7.125 GHz	802.11ax HEW20-BF	20	4TX
5.925-7.125 GHz	802.11ax HEW40	40	4TX
5.925-7.125 GHz	802.11ax HEW40-BF	40	4TX
5.925-7.125 GHz	802.11ax HEW80	80	4TX
5.925-7.125 GHz	802.11ax HEW80-BF	80	4TX
5.925-7.125 GHz	802.11ax HEW160	160	4TX
5.925-7.125 GHz	802.11ax HEW160-BF	160	4TX

Note:

- 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.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	M.gear	C660-510551-A	Dipole	I-PEX	Note 1
2	M.gear	C660-510551-A	Dipole	I-PEX	
3	M.gear	C660-510551-A	Dipole	I-PEX	
4	M.gear	C660-510551-A	Dipole	I-PEX	
5	M.gear	C660-510551-A	Dipole	I-PEX	
6	M.gear	C660-510551-A	Dipole	I-PEX	

Note 1:

Ant.	Port		Antenna Gain (dBi)				
	WLAN 2.4GHz	WLAN 5GHz	WLAN 2.4GHz	WLAN 5GHz			
				UNII 1	UNII 2A	UNII 2C	UNII 3
1	1	1	3.38	5.33	5.53	5.70	4.45
2	2	2	4.26	3.85	4.03	3.88	3.16

Ant.	Port	Antenna Gain (dBi)			
	WLAN 6GHz UNII 5~8	WLAN 6GHz			
		UNII 5	UNII 6	UNII 7	UNII 8
3	1	3.14	3.66	3.92	4.79
4	2	5.20	5.20	5.91	5.81
5	3	4.96	3.16	4.67	5.52
6	4	3.14	2.67	2.29	4.15

Item	Directional gain (dBi)								
	WLAN 2.4GHz	WLAN 5GHz				WLAN 6GHz			
		UNII 1	UNII 2A	UNII 2C	UNII 3	UNII 5	UNII 6	UNII 7	UNII 8
2T1S	4.86	5.49	5.60	6.21	6.33	-	-	-	-
2T2S	4.26	5.33	5.53	5.70	4.45	-	-	-	-
4T1S	-	-	-	-	-	6.04	5.65	6.14	6.19
4T2S	-	-	-	-	-	5.20	5.20	5.91	5.81
4T4S	-	-	-	-	-	5.20	5.20	5.91	5.81

Note 2: The above information (except antenna gain and directional gain) was declared by manufacturer.

Note 3: The antenna gain and directional gain are measured which follow the procedure of KDB 662911 D03.

Note 4: **For 2.4GHz function:**

For IEEE 802.11 b/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 802.11 a/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.

For 6GHz function:

For IEEE 802.11 ax (4TX/4RX):

Port 1~4 can be used as transmitting/receiving antenna.

Port 1~4 could transmit/receive simultaneously.



1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss 1,(6D)	0.992	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW20-BF_Nss 1,(M0)	0.943	0.25	2.943m	1k
802.11ax HEW40-BF_Nss 1,(M0)	0.963	0.16	4.387m	300
802.11ax HEW80-BF_Nss 1,(M0)	0.945	0.25	4.159m	300
802.11ax HEW160-BF_Nss 1,(M0)	0.972	0.12	5.175m	300
802.11ax HEW20-BF_Nss 2,(M0)	0.939	0.27	4.388m	300
802.11ax HEW40-BF_Nss 2,(M0)	0.952	0.21	5.111m	300
802.11ax HEW80-BF_Nss 2,(M0)	0.963	0.16	4.849m	300
802.11ax HEW160-BF_Nss 2,(M0)	0.963	0.16	5.265m	300

Note:

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

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	<input checked="" type="checkbox"/>	With beamforming	<input type="checkbox"/>	Without beamforming
	The product has beamforming function for n/VHT/ax in 2.4GHz, n/ac/ax in 5GHz and ax in 6GHz.			
Device Type	<input checked="" type="checkbox"/>	Indoor Access Point	<input checked="" type="checkbox"/>	Subordinate
	<input type="checkbox"/>	Indoor Client	<input type="checkbox"/>	Standard Power Access Point
	<input type="checkbox"/>	Dual Client	<input type="checkbox"/>	Standard Client
	<input type="checkbox"/>	Fixed Client	<input type="checkbox"/>	Very Low Power
Condition of EUT	<input checked="" type="checkbox"/>	Indoor	<input type="checkbox"/>	Outdoor
Channel Puncturing Function	<input type="checkbox"/>	Supported	<input checked="" type="checkbox"/>	Unsupported
Support RU	<input checked="" type="checkbox"/>	Full RU	<input type="checkbox"/>	Partial RU
Test Software Version	mtool_3.3.0.6			
Software / Firmware Version for CBP	3.0.0.4.388_24486-g68f98a3			

Note: The above information was declared by manufacturer.



1.1.5 Table for Multiple Listing

The equipment name/model names in the following table are all refer to the identical product.

Equipment Name	Model Name	Description
AXE7800 Tri Band WiFi Router, AXE6600 Tri Band WiFi Router	ET9	All the equipment names/models are identical, the difference equipment name/model served as marketing strategy.
	ET8	
	EBM69	
	AXE7800	
	AXE6600	

Note 1: From the above models, model: ET9 was selected as representative model for the test and its data was recorded in this report.

Note 2: The above information was declared by manufacturer.

1.1.6 Table for Components Source Information

EUT	Source	DDR4 (Location: U5)
EUT 1	Main	Brand Name: Samsung
EUT 2	Second	Brand Name: Hynix

Note 1: From the above EUT 1 for all test items and EUT 2 for Radiated Emissions below 1GHz test were selected as representative EUTs for the test and its data was recorded in this report.

Note 2: The above information was declared by manufacturer.

1.1.7 Table for EUT supports functions

Function	Support Type	Supports Band
AP Router	Master	2.4GHz, 5GHz UNII1~3 and 6GHz UNII 5~8
Bridge	Slave without radar detection	2.4GHz, 5GHz UNII1~3
Repeater	Master	2.4GHz, 5GHz UNII1~3
Mesh	Master	2.4GHz or 5GHz UNII1~3 or 6GHz UNII 5~8

Note 1: After evaluating, AP Router mode was selected to test and recorded in the report.

Note 2: The USB port on this device supports both storage and WWAN functionality.

Note 3: 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 15.407
- ◆ 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 987594 D02 v02r01
- ◆ FCC KDB 662911 D03 v01
- ◆ 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 (TAF: 3787)	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.) 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 (For other tests)	TH03-CB	Owen Hsu	21.8-22.5 / 65-68	Jan. 08, 2024~ Feb. 01, 2024
Radiated Below 1G	03CH05-CB	Gordon Hung	22.4-23.5 / 55-58	Jan. 03, 2024~ Feb. 16, 2024
Radiated Above 1G, Maximum E.I.R.P. and PSD	03CH01-CB		22.7-23.8 / 56-59	
	03CH03-CB		21-22 / 56-59	
	03CH06-CB		21.9-22.8 / 56-58	
AC Conduction	CO01-CB	Summer Li	22-23 / 50-51	Jan. 12, 2024~ Mar. 01, 2024
RF Conducted (Contention-Based Protocol test)	DF01-CB	Simmon Cheng	20.8-22.8 / 63-69	Jan. 09, 2024~ Jan. 11, 2024



1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
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
802.11a_Nss1,(6Mbps)_4TX
6115MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz
6895MHz
6995MHz
7055MHz
802.11ax HEW20-BF_Nss1,(MCS0)_4TX
6115MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz
6895MHz
6995MHz
7055MHz
802.11ax HEW40-BF_Nss1,(MCS0)_4TX
6125MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz



Mode
6885MHz
6925MHz
7005MHz
7045MHz
802.11ax HEW80-BF_Nss1,(MCS0)_4TX
6145MHz
6225MHz
6385MHz
6465MHz
6545MHz
6625MHz
6705MHz
6785MHz
6865MHz
6945MHz
7025MHz
802.11ax HEW160-BF_Nss1,(MCS0)_4TX
6185MHz
6345MHz
6505MHz
6665MHz
6825MHz
6985MHz
802.11ax HEW20-BF_Nss2,(MCS0)_4TX
6115MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz
6895MHz
6995MHz
7055MHz
802.11ax HEW40-BF_Nss2,(MCS0)_4TX
6125MHz
6205MHz



Mode
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6885MHz
6925MHz
7005MHz
7045MHz
802.11ax HEW80-BF_Nss2,(MCS0)_4TX
6145MHz
6225MHz
6385MHz
6465MHz
6545MHz
6625MHz
6705MHz
6785MHz
6865MHz
6945MHz
7025MHz
802.11ax HEW160-BF_Nss2,(MCS0)_4TX
6185MHz
6345MHz
6505MHz
6665MHz
6825MHz
6985MHz

Note:

- ◆ HEW20 / HEW40 / HEW80 / HEW160 covers HT20 / HT40 / VHT20 / VHT40 / VHT80 / VHT160 due to similar modulation. The power setting for HT20 / HT40 / VHT20 / VHT40 / VHT80 / VHT160 is the same or lower than HEW20 / HEW40 / HEW80 / HEW160.
- ◆ The EUT supports non-beamforming and beamforming modes. After evaluating, the beamforming mode was selected to test.



2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	Normal Link
1	AP Router / WAN mode_EUT 1 - LAN + WAN + USB(R/W) + Adapter 1
2	AP Router / WAN mode_EUT 1 - LAN + WAN + USB(R/W) + Adapter 2
Mode 1 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3 will follow this same test mode.	
3	AP Router / WWAN mode_EUT 1 - LAN + WAN + USB(WWAN) + Adapter 1
For operating mode 3 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Contention Based Protocol
Test Condition	Conducted measurement at transmit chains
Operating Mode	
1	EUT 1

The Worst Case Mode for Following Conformance Tests	
Tests Item	Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) Peak Power Spectral Density (E.I.R.P.)
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
After evaluating, EUT in Y axis was the worst case, so the measurement will follow this same test configuration.	
1	EUT 1 in Y axis



The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
	After evaluating, EUT in Y axis was the worst case, so the measurement will follow this same test configuration.
1	EUT 1 in Y axis + Adapter 1_WLAN 2.4GHz
2	EUT 1 in Y axis + Adapter 1_WLAN 5GHz
3	EUT 1 in Y axis + Adapter 1_WLAN 6GHz
Mode 3 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4 will follow this same test mode.	
4	EUT 1 in Y axis + Adapter 2_WLAN 6GHz
Mode 4 has been evaluated to be the worst case among Mode 1~4, thus measurement for Mode 5 will follow this same test mode.	
5	EUT 2 in Y axis + Adapter 2_WLAN 6GHz
For operating mode 4 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
	After evaluating, EUT in Y axis was the worst case, so the measurement will follow this same test configuration.
1	EUT 1 in Y axis

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission MASK
Test Condition	Conducted measurement at transmit chains
Operating Mode	
1	EUT 1

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	EUT 1 + WLAN 2.4GHz + WLAN 5GHz + 6GHz
2	EUT 1 + WLAN 2.4GHz + WLAN 5GHz + 6GHz + WWAN
Refer to Sporton Test Report No.: FA162923 for Co-location RF Exposure Evaluation.	



2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated 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 [ver 6.1.7601].
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by Client and transmit duty cycle no less than 98%.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories			
Equipment Name	Brand Name	Model Name	Rating
Adapter 1	LEI	MU36D1120300-A1	INPUT: 100-240V~50/60Hz, 1.0A OUTPUT: 12V, 3A
Adapter 2	APD	WA-36N12FU	INPUT: 100-240V~, 50/60Hz, 0.9A, Max. OUTPUT: 12.0V, 3.0A
Other			
RJ-45 cable, non-shielded, 2m			



2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	LAN1 NB	DELL	E6430	N/A
B	2.4G NB	DELL	E6430	N/A
C	5G NB	DELL	E6430	N/A
D	WAN NB	DELL	E6430	N/A
E	6G Device	INTEL	AX210NGW	PD9AX210NG
F	3G Dongle	CHT	E169	QISE169
G	LAN3 NB	DELL	E6430	N/A
H	6G Device NB	DELL	E6430	N/A
I	SIM Card	Anritsu	N/A	N/A
J	LTE Base station	Anritsu	MT8820C	N/A

For Radiated (below 1GHz) and Radiated (above 1GHz) <Non-beamforming mode>:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A

For Radiated (above 1GHz) <Beamforming mode>:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	Client	ASUS	UX482EGR	N/A
C	NB	DELL	E4300	N/A



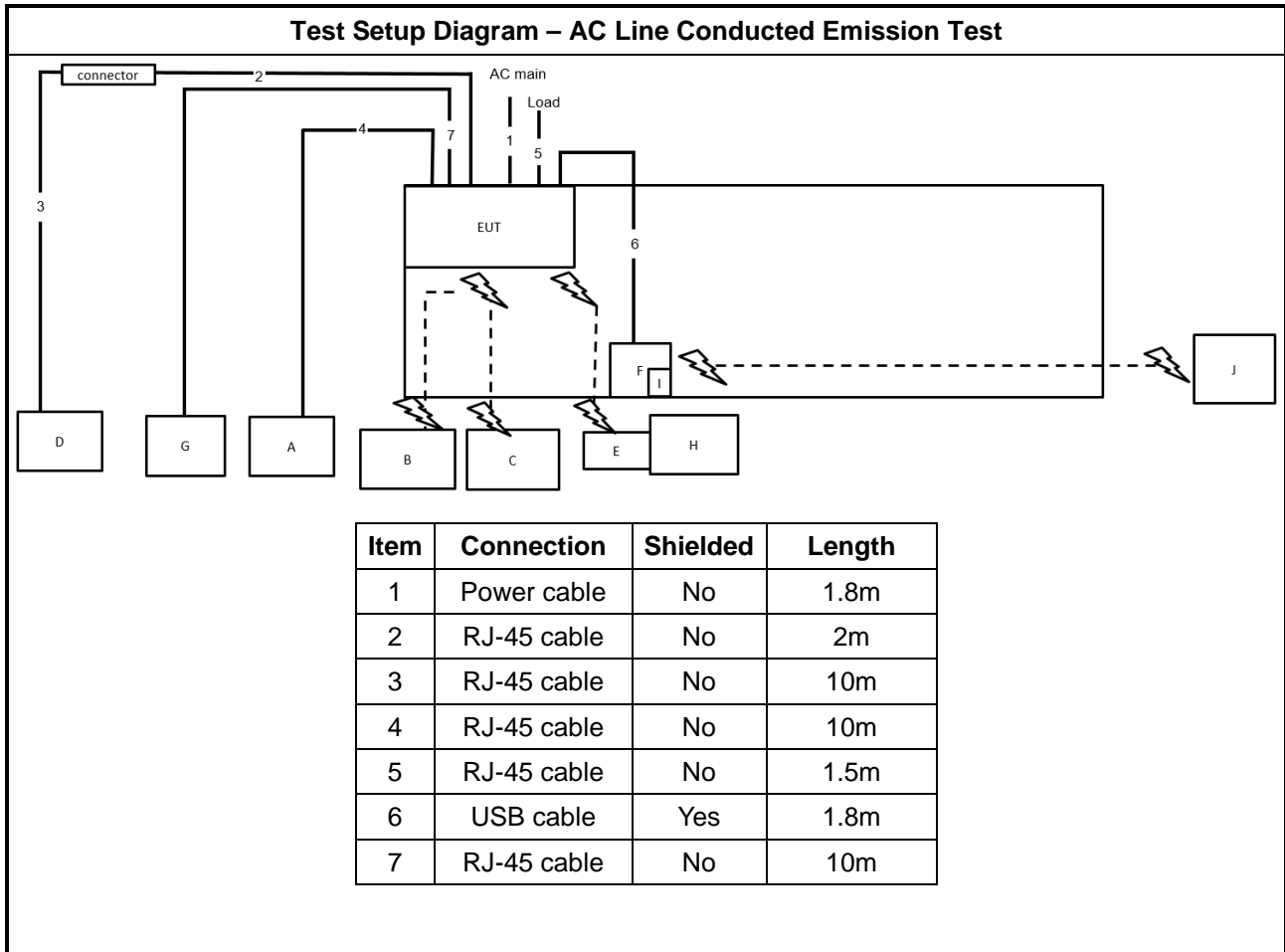
For RF Conducted (Other tests):

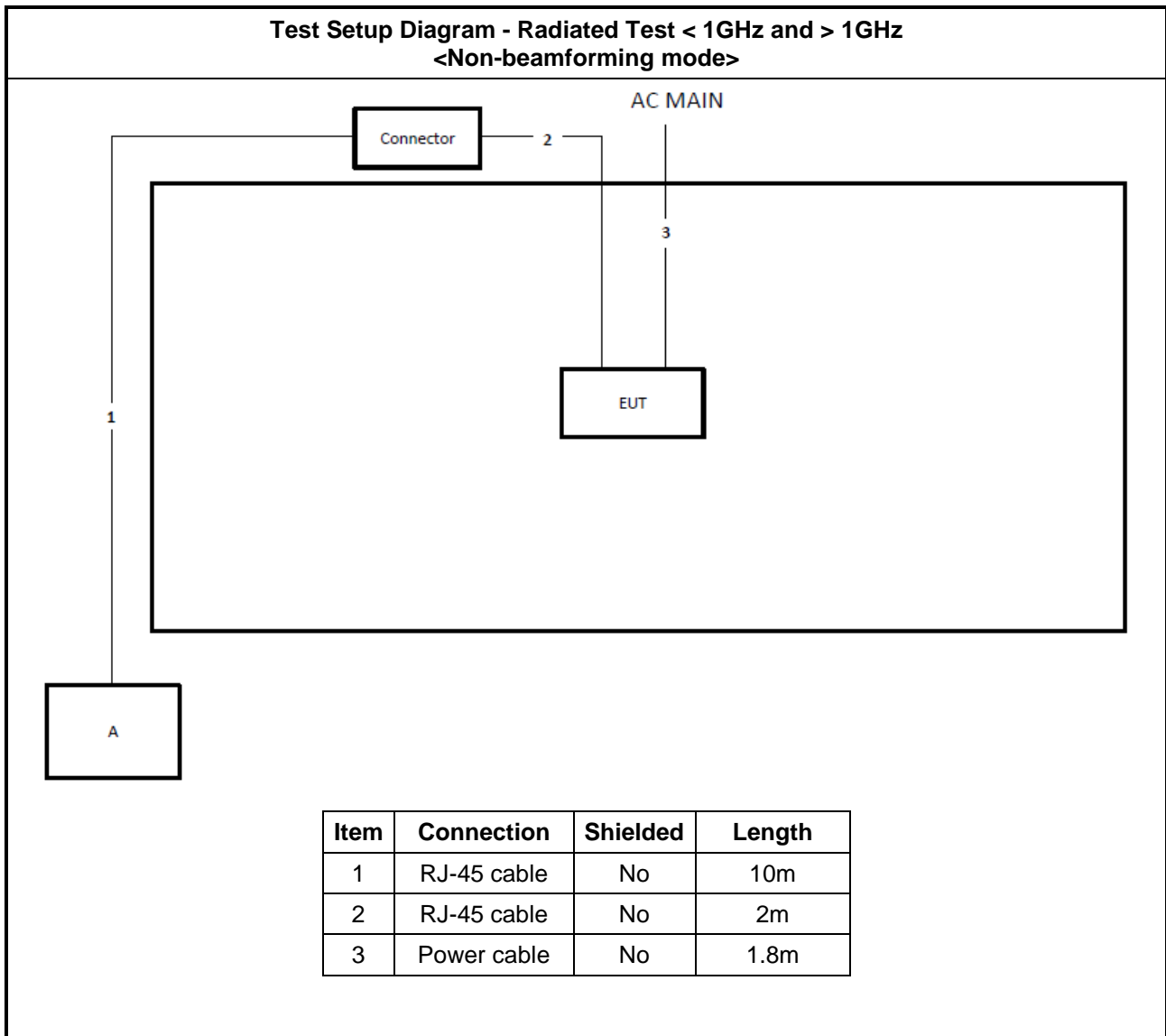
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A

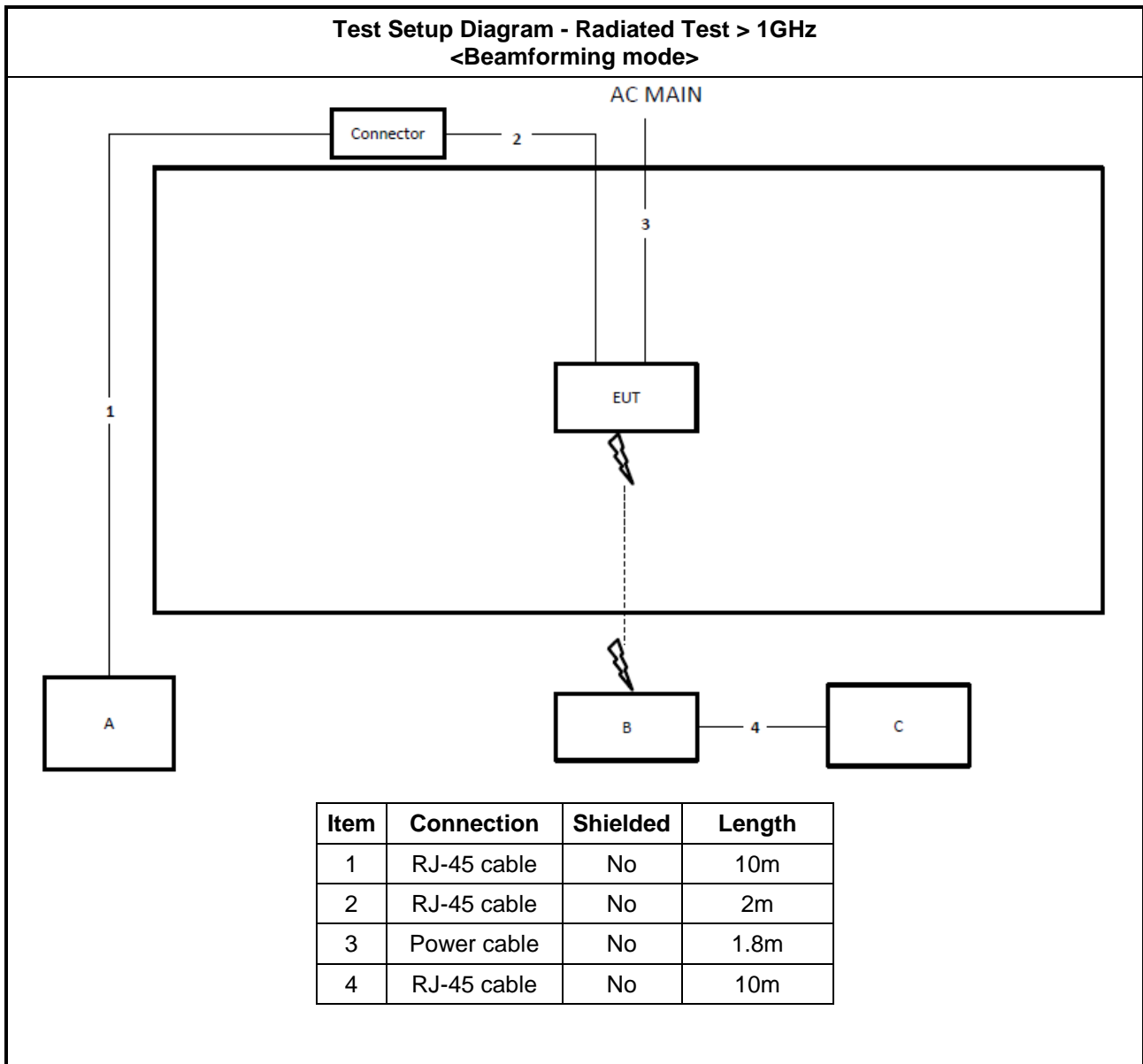
For RF Conducted (Contention Based Protocol test):

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	NB	DELL	E4300	N/A
C	WLAN Client	ASUS	ET9	N/A

2.6 Test Setup Diagram









3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

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

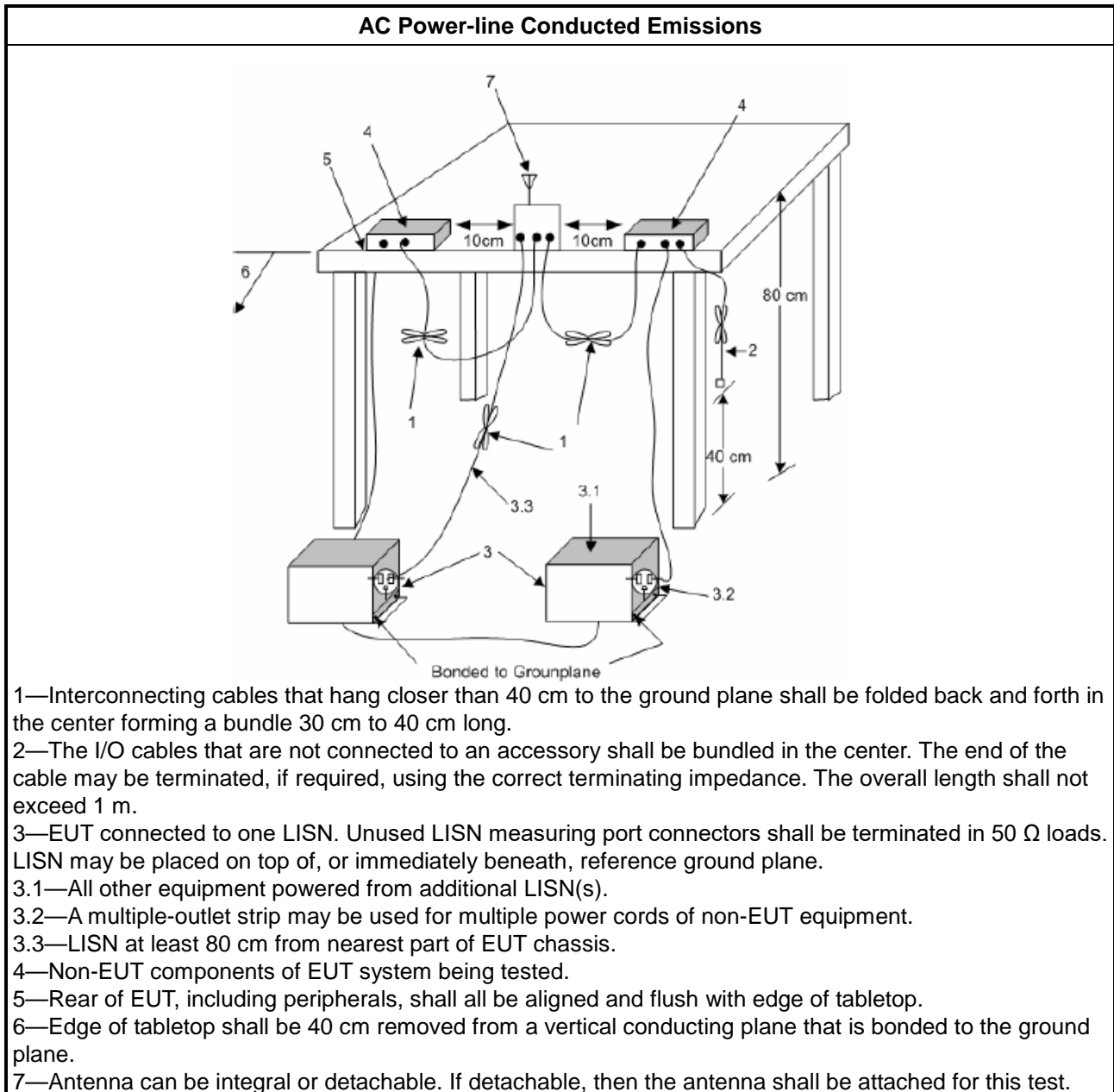
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Measurement Results Calculation

The measured Level is calculated using:

- a. Corrected Reading (dBuV) = LISN Factor + Cable Loss + Read Level = Level
- b. Margin = - Limit + (Read Level + LISN Factor + Cable Loss)

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
<input checked="" type="checkbox"/>	For the 5925-6425 GHz band, N/A
<input checked="" type="checkbox"/>	For the 6425-6525 GHz band, N/A
<input checked="" type="checkbox"/>	For the 6525-6875 GHz band, N/A
<input checked="" type="checkbox"/>	For the 6875-7125 GHz band, N/A
RLAN Devices	
<input type="checkbox"/>	For the 5925-6425 GHz band, N/A
<input type="checkbox"/>	For the 6425-6525 GHz band, N/A
<input type="checkbox"/>	For the 6525-6875 GHz band, N/A
<input type="checkbox"/>	For the 6875-7125 GHz band, N/A

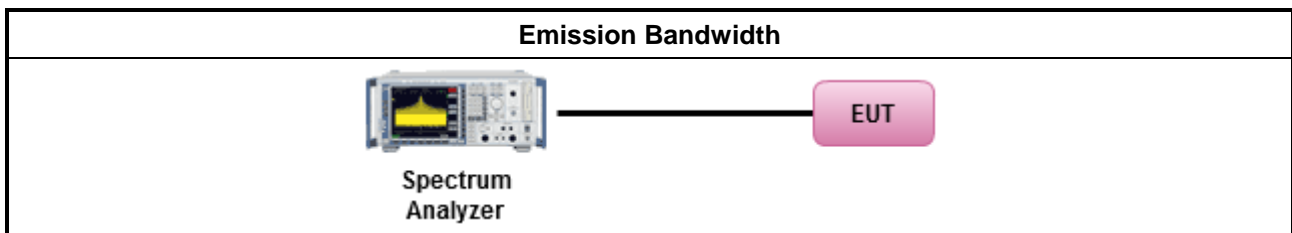
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> ▪ For the emission bandwidth shall be measured using one of the options below: 	
<input checked="" type="checkbox"/>	According to FCC KDB 987594 D02 clause II.C, measurement procedure shall refer to 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 Equivalent Isotropically Radiated Power (E.I.R.P.)

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

Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) Limit	
UNII Devices	
<input checked="" type="checkbox"/>	For the 5.925 ~ 6.425 GHz band:
<input type="checkbox"/>	<ul style="list-style-type: none"> ▪ For standard power access point and fixed client device : e.i.r.p < 36 dBm. For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm). ▪ For indoor access point : e.i.r.p < 30 dBm. ▪ For subordinate device control of an indoor access point : e.i.r.p < 30 dBm. ▪ For client device control of a standard power access point : e.i.r.p < 30 dBm. ▪ For client device control of an indoor access point : e.i.r.p < 24 dBm. ▪ For very low power device : e.i.r.p < 14 dBm.
<input checked="" type="checkbox"/>	For the 6.425 ~ 6.525 GHz band:
<input type="checkbox"/>	<ul style="list-style-type: none"> ▪ For indoor access point : e.i.r.p < 30 dBm. ▪ For client device control of an indoor access point : e.i.r.p < 24 dBm.
<input checked="" type="checkbox"/>	For the 6.525 ~ 6.875 GHz band:
<input type="checkbox"/>	<ul style="list-style-type: none"> ▪ For standard power access point and fixed client device : e.i.r.p < 36 dBm. For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm). ▪ For indoor access point : e.i.r.p < 30 dBm. ▪ For subordinate device control of an indoor access point : e.i.r.p < 30 dBm. ▪ For client device control of a standard power access point : e.i.r.p < 30 dBm. ▪ For client device control of an indoor access point : e.i.r.p < 24 dBm. ▪ For very low power device : e.i.r.p < 14 dBm.
<input checked="" type="checkbox"/>	For the 6.875 ~ 7.125 GHz band:
<input type="checkbox"/>	<ul style="list-style-type: none"> ▪ For indoor access point : e.i.r.p < 30 dBm. ▪ For client device control of an indoor access point : e.i.r.p < 24 dBm.
RLAN Devices	
<input type="checkbox"/>	For the 5.925 ~ 7.125 GHz band:
<input type="checkbox"/>	<ul style="list-style-type: none"> ▪ For low-power indoor access-points & indoor subordinate devices < 30 dBm . ▪ For low-power client devices < 24 dBm.
<input type="checkbox"/>	For the 5.925 ~ 6.875 GHz band:
<input type="checkbox"/>	<ul style="list-style-type: none"> ▪ For standard-power access points & fixed client devices < 36 dBm. For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm). ▪ For standard client devices < 30 dBm.



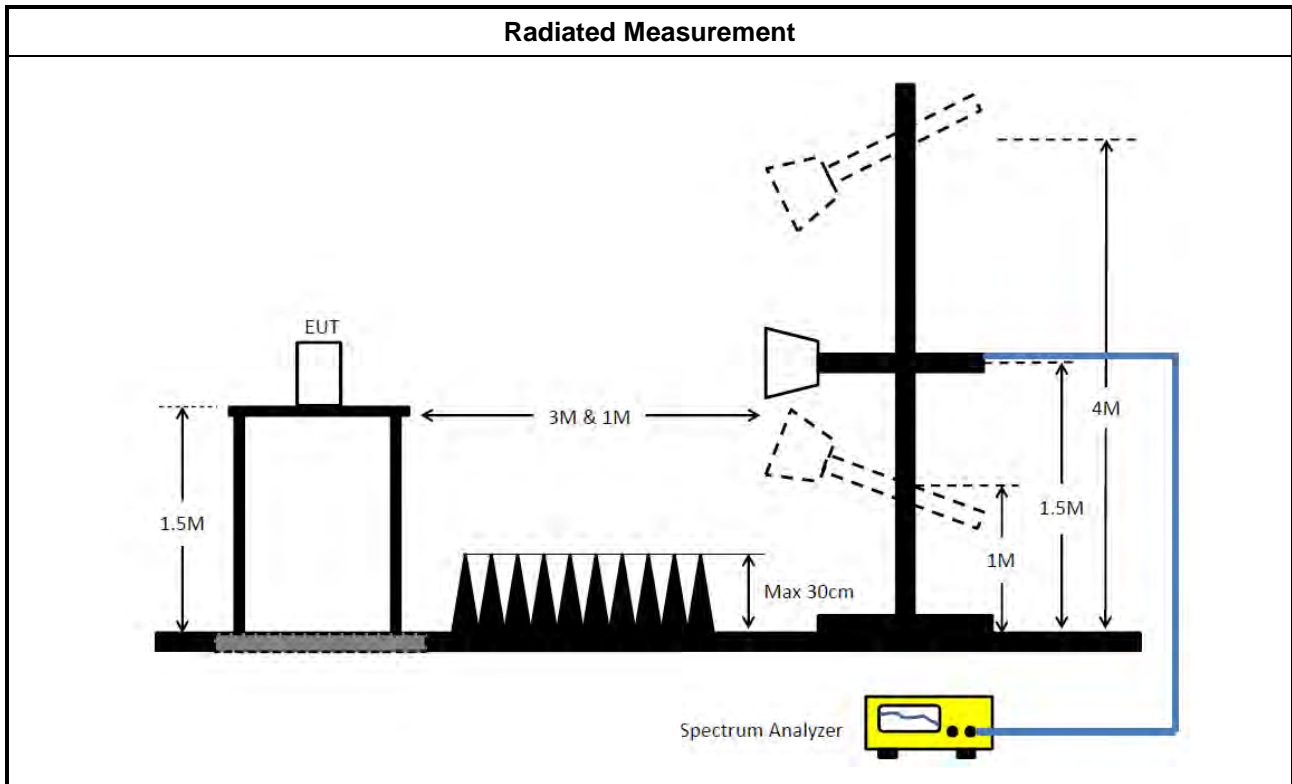
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> According to FCC KDB 987594 D02 clause II.E, the test measurement procedure shall refer to KDB 789033. 	
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). Spectrum analyzer setting: RBW/VBW : 1/3MHz ; Detector : RMS ; Trace mode : Average ; Sweep Count 100.
<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 type="checkbox"/>	Refer as FCC KDB 789033 D02, clause E Method PM-G (using an RF average power meter).
<input type="checkbox"/> For conducted measurement.	
<ul style="list-style-type: none"> If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them. If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$ 	
<input checked="" type="checkbox"/> For radiated measurement.	
<ul style="list-style-type: none"> Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing" Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz. Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation. 	

3.3.4 Test Setup



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

Refer as Appendix C



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

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

Peak Power Spectral Density (E.I.R.P.) Limit	
UNII Devices	
<input checked="" type="checkbox"/>	For the 5.925 ~ 6.425 GHz band:
<input type="checkbox"/>	<ul style="list-style-type: none"> ▪ For standard power access point and fixed client device : e.i.r.p PSD < 23 dBm/MHz. ▪ For indoor access point : e.i.r.p PSD < 5 dBm/MHz. ▪ For subordinate device control of an indoor access point : e.i.r.p PSD < 5 dBm/MHz. ▪ For client device control of a standard power access point : e.i.r.p PSD < 17 dBm/MHz. ▪ For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz. ▪ For very low power device : e.i.r.p PSD < -5 dBm/MHz.
<input checked="" type="checkbox"/>	For the 6.425 ~ 6.525 GHz band:
<input type="checkbox"/>	<ul style="list-style-type: none"> ▪ For indoor access point : e.i.r.p PSD < 5 dBm/MHz. ▪ For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.
<input checked="" type="checkbox"/>	For the 6.525 ~ 6.875 GHz band:
<input type="checkbox"/>	<ul style="list-style-type: none"> ▪ For standard power access point and fixed client device : e.i.r.p PSD < 23 dBm/MHz. ▪ For indoor access point : e.i.r.p PSD < 5 dBm/MHz. ▪ For subordinate device control of an indoor access point : e.i.r.p PSD < 5 dBm/MHz. ▪ For client device control of a standard power access point : e.i.r.p PSD < 17 dBm/MHz. ▪ For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz. ▪ For very low power device : e.i.r.p PSD < -5 dBm/MHz.
<input checked="" type="checkbox"/>	For the 6.875 ~ 7.125 GHz band:
<input type="checkbox"/>	<ul style="list-style-type: none"> ▪ For indoor access point : e.i.r.p PSD < 5 dBm/MHz. ▪ For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.
RLAN Devices	
<input type="checkbox"/>	For the 5.925 ~ 7.125 GHz band:
<input type="checkbox"/>	<ul style="list-style-type: none"> ▪ For low-power indoor access-points & indoor subordinate devices < 5 dBm / MHz. ▪ For low-power client devices < -1 dBm / MHz.
<input type="checkbox"/>	For the 5.925 ~ 6.875 GHz band:
<input type="checkbox"/>	<ul style="list-style-type: none"> ▪ For standard-power access points & fixed client devices < 23 dBm / MHz. ▪ For standard client devices < 17 dBm / MHz.

3.4.2 Measuring Instruments

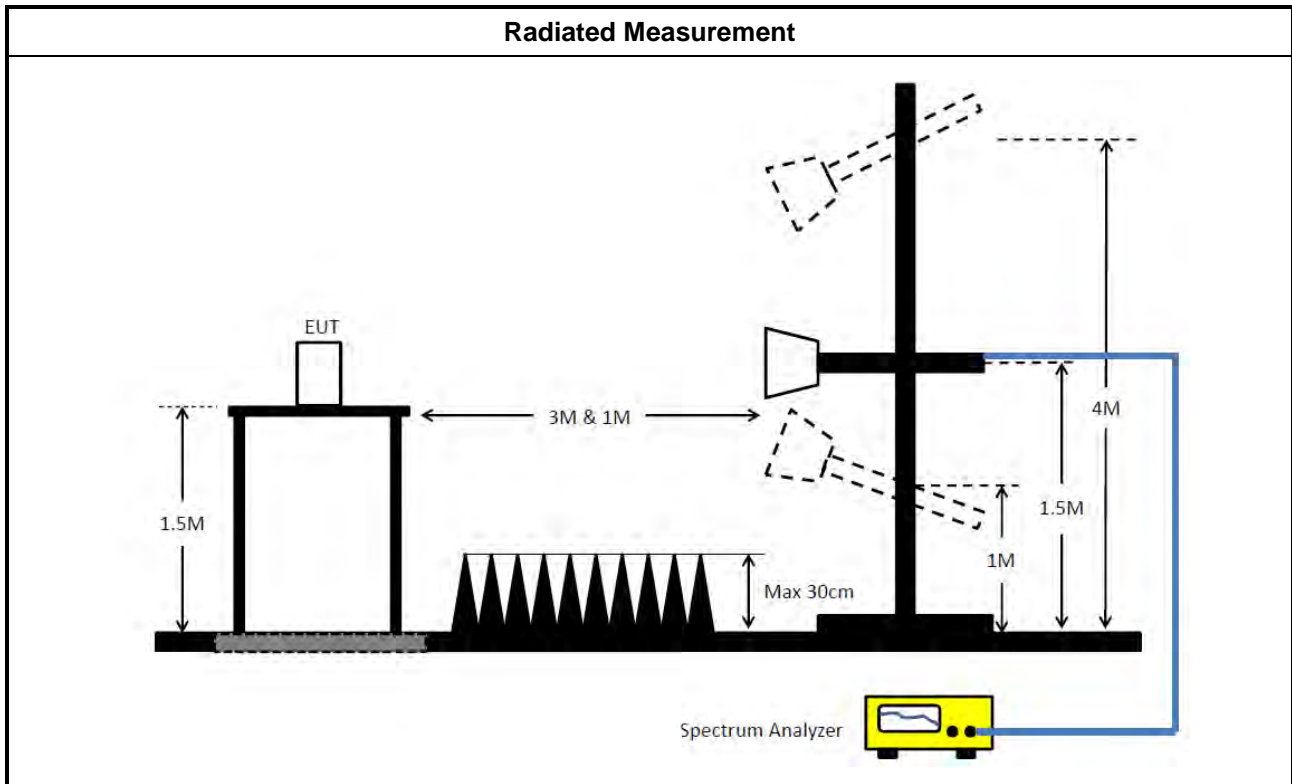
Refer a test equipment and calibration data table in this test report.



3.4.3 Test Procedures

Test Method	
	<ul style="list-style-type: none"> ▪ According to FCC KDB 987594 D02 clause II.F, the measurement procedure shall refer to KDB 789033. Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:
<input type="checkbox"/>	Refer as 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 type="checkbox"/>	For conducted measurement.
	<ul style="list-style-type: none"> ▪ If the EUT supports multiple transmit chains using options given below: <ul style="list-style-type: none"> <input 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. ▪ If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$
<input checked="" type="checkbox"/>	For radiated measurement.
	<ul style="list-style-type: none"> ▪ Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing" ▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz. ▪ Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.4.4 Test Setup



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

Refer as Appendix D



3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

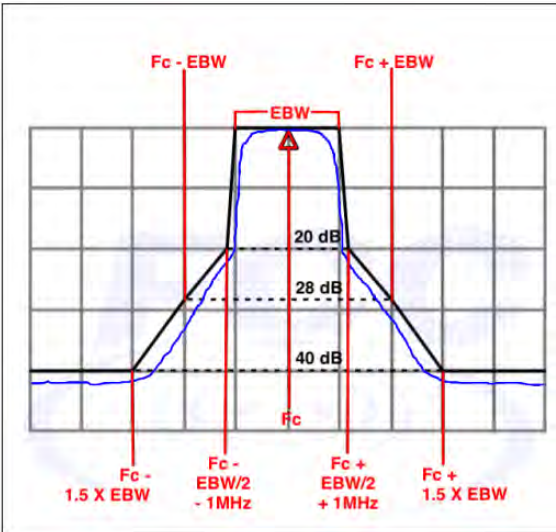
Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3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

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

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

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m($20 \times \log(\text{standard distance}/\text{test distance}) = 20\log(3/1) = 9.54\text{dB}$).
 EX. Above 18GHz emission limit calculation (3m to 1m) = $54\text{dBuV/m at } 3\text{m} + 9.54\text{dB} = 63.54\text{ dBuV/m at } 1\text{m}$.

Un-restricted band emissions above 1GHz Limit	
Frequency	Limit
Any outside the 5.945 – 7.125 GHz emission	e.i.r.p. -27 dBm [68.2 dBuV/m@3m] Note 1: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m($20 \times \log(\text{standard distance}/\text{test distance}) = 20\log(3/1) = 9.54\text{dB}$). EX. Above 18GHz emission limit calculation (3m to 1m) = $68.2\text{dBuV/m at } 3\text{m} + 9.54\text{dB} = 77.74\text{ dBuV/m at } 1\text{m}$. Note 2:-27 dBm EIRP OOBE is measured RMS which is a deviation from the current 15E rules for 5 GHz bands. In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit.

Frequency	Emission MASK Limit
5.945 – 7.125 GHz	<p>Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.</p> 



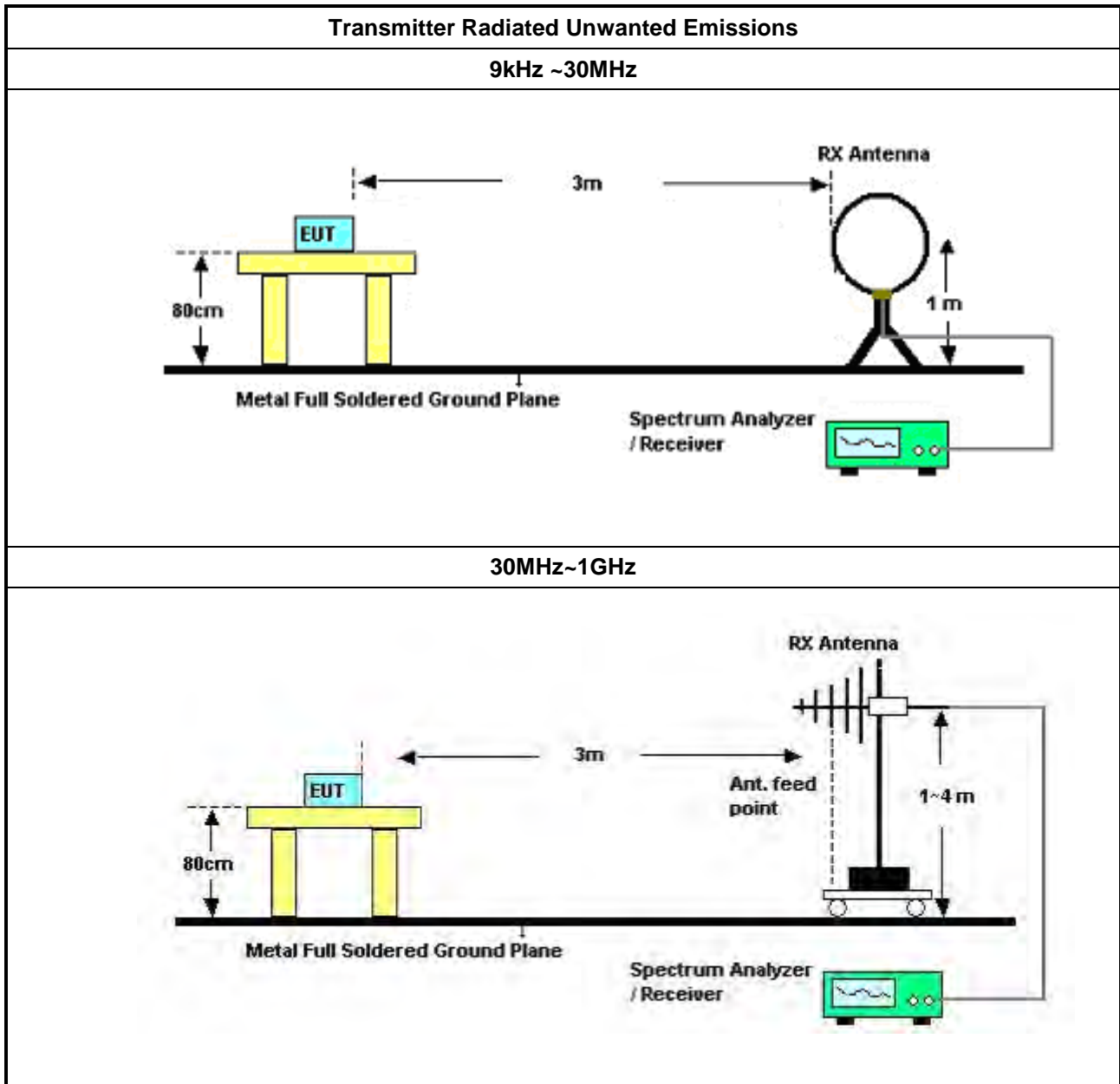
3.5.2 Measuring Instruments

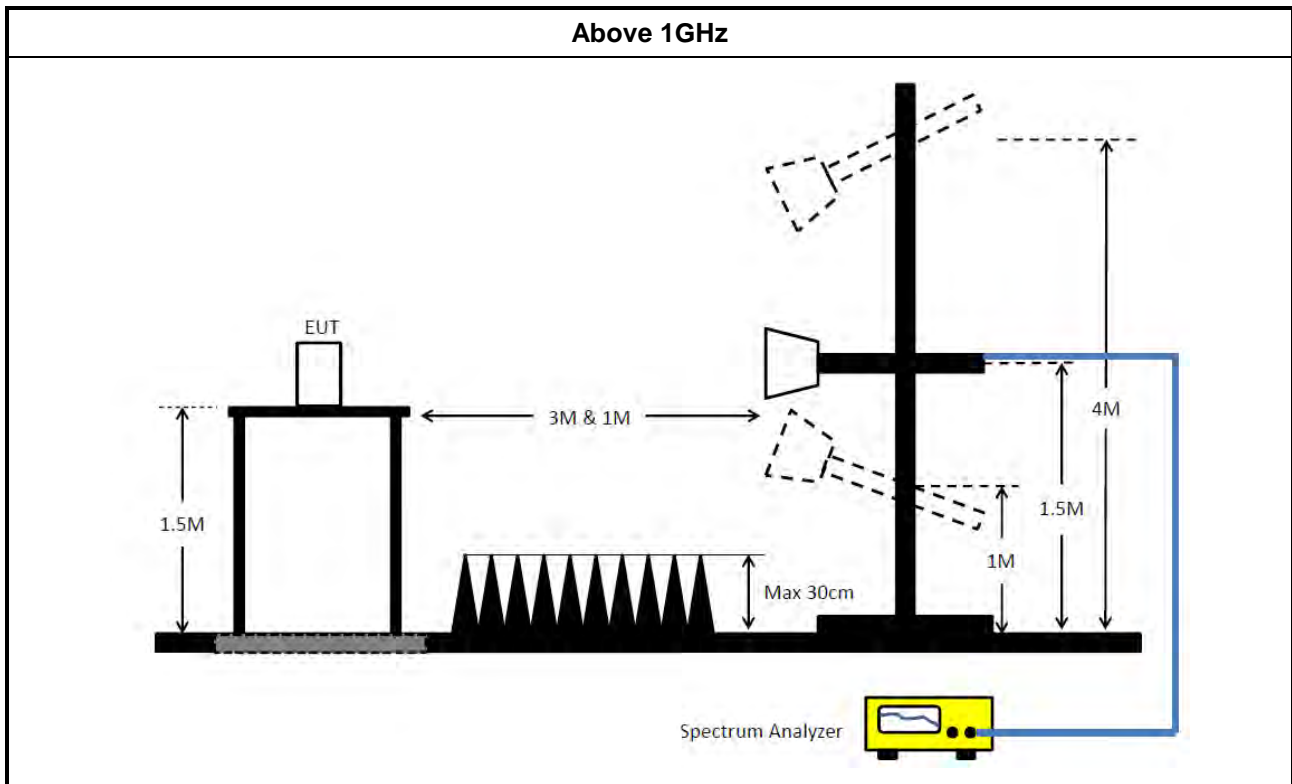
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> ▪ According to FCC KDB 987594 D02 II.G. the unwanted emission measurement procedure shall refer to KDB 789300(except emission MASK). Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements). 	
<ul style="list-style-type: none"> ▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor]. 	
<ul style="list-style-type: none"> ▪ For the transmitter unwanted emissions shall be measured using following options below: 	
	<ul style="list-style-type: none"> ▪ Refer as FCC KDB 789033 D02, clause G)2) for unwanted emissions into non-restricted bands.
	<ul style="list-style-type: none"> ▪ Refer as FCC KDB 789033 D02, clause G)1) for unwanted emissions into restricted bands.
	<input checked="" type="checkbox"/> Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging). (For unrestricted band measurement)
	<input type="checkbox"/> Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).
	<input checked="" type="checkbox"/> Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.(For restricted band average measurement)
	<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"> ▪ Refer as FCC KDB 789033 D02, clause G)3)d)ii) for Band edge Integration measurements. 	
<ul style="list-style-type: none"> ▪ For emission MASK shall be measured using following options below: 	
	<input checked="" type="checkbox"/> Refer as FCC KDB 987594 D02, J) In-Band Emissions
<ul style="list-style-type: none"> ▪ For radiated measurement. 	
	<ul style="list-style-type: none"> ▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	<ul style="list-style-type: none"> ▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	<ul style="list-style-type: none"> ▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
<ul style="list-style-type: none"> ▪ The any unwanted emissions level shall not exceed the fundamental emission level. 	
<ul style="list-style-type: none"> ▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported. 	

3.5.4 Test Setup





3.5.5 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Antenna factor (AF) + Cable loss (CL) + Read level (Raw) - 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

3.6 Contention Based Protocol

3.6.1 Contention Based Protocol Limit

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

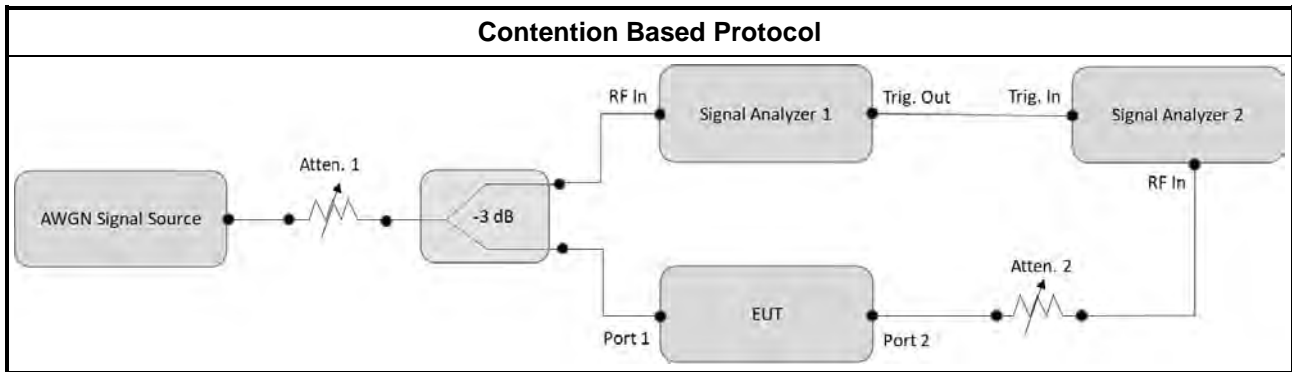
3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

Test Method	
<input type="checkbox"/>	For Contention Based Protocol shall be measured using following options below:
<input checked="" type="checkbox"/>	Refer as FCC KDB 987594 D02, I) Contention Based Protocol.

3.6.4 Test Setup



3.6.5 Test Result of Contention Based Protocol

Refer as Appendix F



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	May 18, 2023	May 17, 2024	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Dec. 29, 2023	Dec. 28, 2024	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 27, 2023	Apr. 26, 2024	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 09, 2023	Feb. 08, 2024	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 08, 2024	Feb. 07, 2025	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	Oct. 17, 2023	Oct. 16, 2024	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30 MHz	Oct. 13, 2023	Oct. 12, 2024	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz~1 GHz	Aug. 02, 2023	Aug. 01, 2024	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 24, 2023	Mar. 23, 2024	Radiation (03CH05-CB)
Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 03, 2023	May 02, 2024	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 18, 2023	Apr. 17, 2024	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz~2.75GHz	Jun. 13, 2023	Jun. 12, 2024	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Dec. 06, 2023	Dec. 05, 2024	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-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	20221107-3	18GHz~40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH01-CB)
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Nov. 28, 2023	Nov. 27, 2024	Radiation (03CH01-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
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	Dec. 06, 2023	Dec. 05, 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)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1GHz ~ 7.4GHz	Oct. 03, 2023	Oct. 02, 2024	Radiation (03CH01-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1GHz ~ 8GHz	Oct. 03, 2023	Oct. 02, 2024	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz~18GHz 3m	May 04, 2023	May 03, 2024	Radiation (03CH03-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Jun. 30, 2023	Jun. 29, 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	20221107-3	18GHz~40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 12, 2023	Jun. 11, 2024	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Nov. 07, 2023	Nov. 06, 2024	Radiation (03CH03-CB)
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	Dec. 06, 2023	Dec. 05, 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)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1GHz ~ 7.4GHz	Oct. 03, 2023	Oct. 02, 2024	Radiation (03CH03-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1GHz ~ 8GHz	Oct. 03, 2023	Oct. 02, 2024	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH03-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz~18GHz 3m	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Jul. 31, 2023	Jul. 30, 2024	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz~40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	83017A	MY53270064	0.5GHz~ 26.5GHz	Aug. 01, 2023	Jul. 31, 2024	Radiation (03CH06-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz~40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH06-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	Apr. 21, 2023	Apr. 20, 2024	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+68	1GHz~18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Dec. 06, 2023	Dec. 05, 2024	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40 GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH06-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1GHz ~ 7.4GHz	Oct. 03, 2023	Oct. 02, 2024	Radiation (03CH06-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1GHz ~ 8GHz	Oct. 03, 2023	Oct. 02, 2024	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Dec. 22, 2023	Dec. 21, 2024	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-11	30MHz~18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-12	30MHz~18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-13	30MHz~18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz ~18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz ~18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1 ~ 8GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH03-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1 ~ 8GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH03-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Switch	SPTCB	SP-SWI	SWI-03	1 ~26.5 GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH03-CB)
Spectrum Analyzer	R&S	FSV40	101026	9kHz~40GHz	Nov. 21, 2023	Nov. 20, 2024	Conducted (DF01-CB)
Signal generator	R&S	SMB100A	177785	1MHz-40GHz	Sep. 19, 2023	Sep. 18, 2024	Conducted (DF01-CB)
Vector Signal generator	R&S	SMU200A	102782	100kHz-6GHz	Sep. 07, 2023	Sep. 06, 2024	Conducted (DF01-CB)
RF Power Divider	MTJ	2 Way	DF01-DV03	1GHz ~ 8GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (DF01-CB)
RF Power Divider	MTJ	2 Way	DF01-DV02	1GHz ~ 8GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (DF01-CB)
RF Power Divider	MTJ	4 Way	DF01-DV01	1GHz ~ 6GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (DF01-CB)
RF Cable-high	Woken	RG402	High Cable-52	1 GHz ~18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (DF01-CB)
RF Cable-high	Woken	RG402	High Cable-53	1 GHz ~18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (DF01-CB)
RF Cable-high	Woken	RG402	High Cable-54	1 GHz ~18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (DF01-CB)
RF Cable-high	Woken	RG402	High Cable-56	1 GHz ~18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (DF01-CB)
100MS/s Digitizer	N.I	USB-5133	F65206	N/A	Mar. 17, 2023	Mar. 16, 2024	Conducted (DF01-CB)

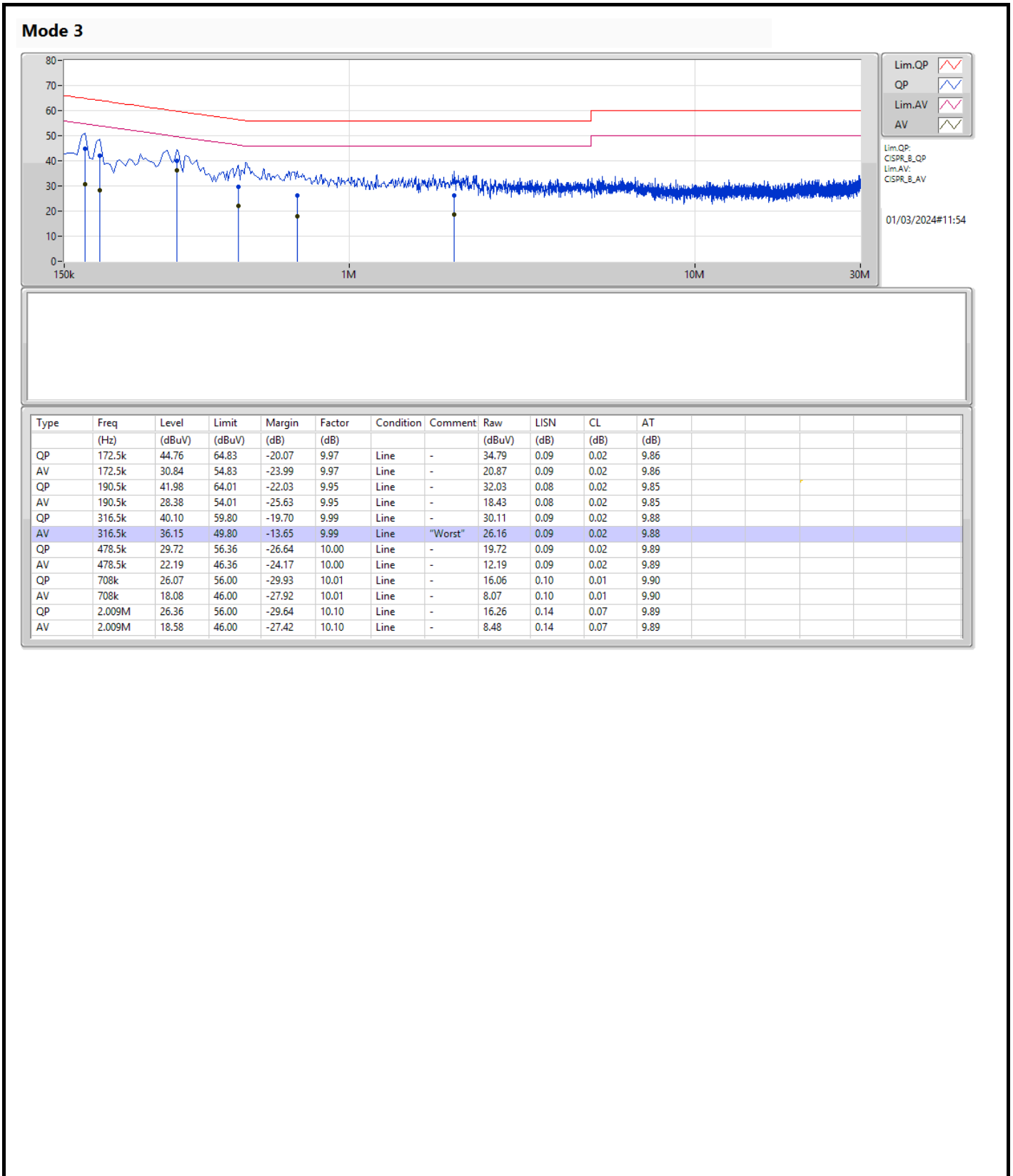
Note: Calibration Interval of instruments listed above is one year.

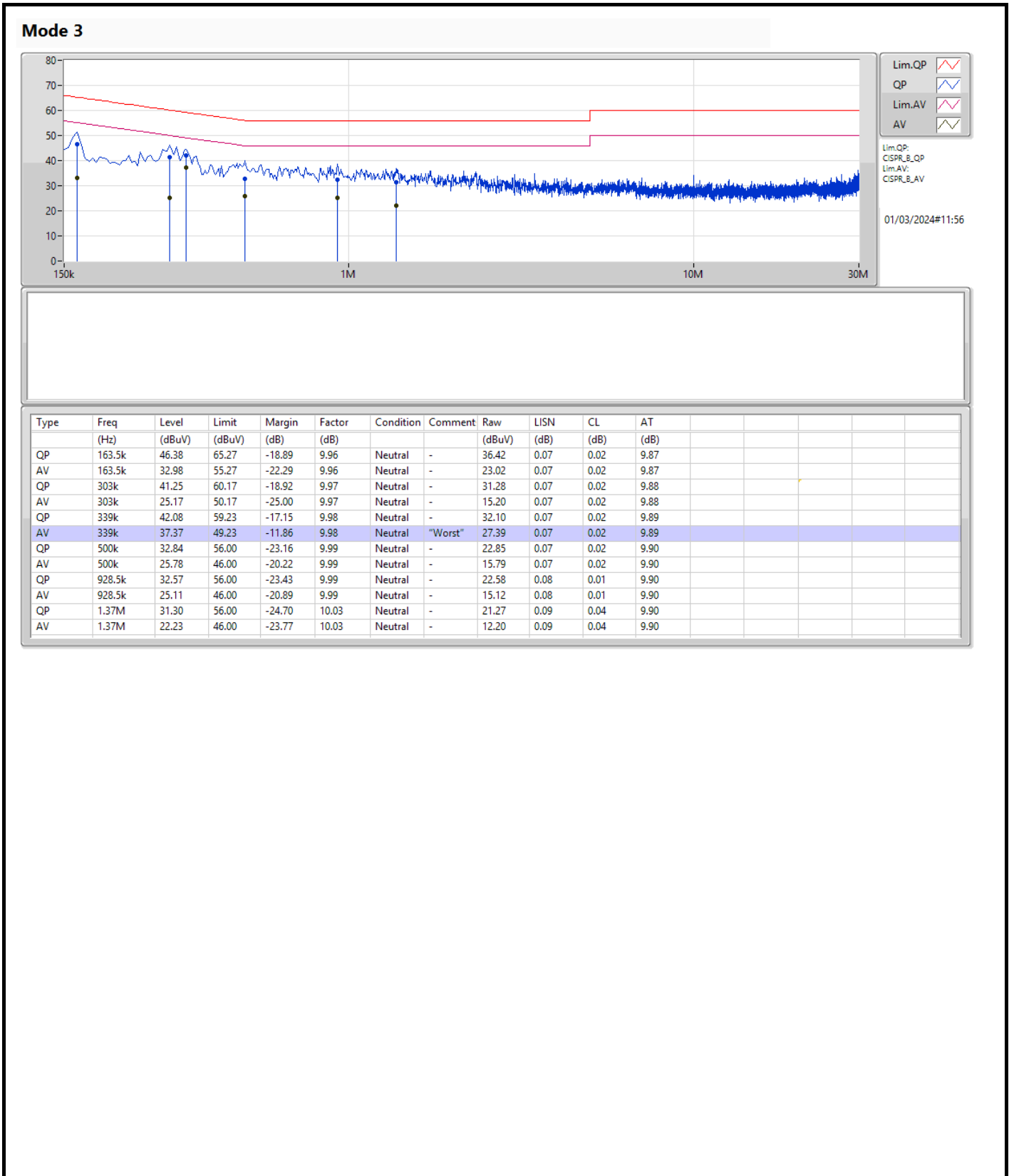
NCR means Non-Calibration required.



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 3	Pass	AV	339k	37.37	49.23	-11.86	Neutral







Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	22.825M	16.998M	17MOD1D	21.23M	16.58M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	22.935M	19.215M	19M2D1D	20.735M	18.991M
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	24.695M	19.215M	19M2D1D	20.68M	18.991M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	42.79M	37.731M	37M7D1D	39.6M	37.631M
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	42.46M	37.781M	37M8D1D	39.49M	37.631M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	83.16M	77.561M	77M6D1D	79.64M	77.061M
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	81.4M	77.461M	77M5D1D	80.08M	77.061M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	164.12M	156.722M	157MD1D	162.8M	156.322M
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	204.16M	156.522M	157MD1D	161.92M	156.122M
6.425-6.525GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	22.165M	16.954M	17MOD1D	20.735M	16.558M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	24.915M	19.34M	19M3D1D	21.395M	18.966M
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	23.815M	19.165M	19M2D1D	20.845M	18.941M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	43.67M	37.881M	37M9D1D	40.37M	37.581M
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	41.8M	37.881M	37M9D1D	40.26M	37.581M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	82.94M	77.461M	77M5D1D	80.08M	77.061M
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	83.82M	77.461M	77M5D1D	79.64M	76.962M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	164.12M	156.722M	157MD1D	162.8M	156.122M
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	165M	156.722M	157MD1D	162.8M	156.322M
6.525-6.875GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.78M	16.976M	17MOD1D	21.065M	16.558M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	24.64M	19.09M	19M1D1D	21.285M	18.991M
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	23.76M	19.115M	19M1D1D	20.955M	18.966M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	46.31M	37.831M	37M8D1D	40.04M	37.581M
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	42.9M	37.831M	37M8D1D	40.04M	37.631M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	82.94M	77.461M	77M5D1D	79.86M	77.061M
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	84.92M	77.661M	77M7D1D	79.42M	77.061M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	165M	156.722M	157MD1D	162.8M	156.122M
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	165M	156.522M	157MD1D	163.68M	156.122M
6.875-7.125GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	22.825M	16.998M	17MOD1D	20.845M	16.624M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.595M	19.24M	19M2D1D	21.23M	18.941M
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	24.31M	19.14M	19M1D1D	20.955M	18.941M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	41.91M	37.881M	37M9D1D	40.37M	37.631M
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	42.57M	37.831M	37M8D1D	40.15M	37.581M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	83.82M	77.561M	77M6D1D	79.86M	77.161M
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	81.62M	77.561M	77M6D1D	78.98M	77.061M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	165M	156.322M	156MD1D	162.8M	155.922M
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	164.56M	156.322M	156MD1D	164.12M	156.122M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
6115MHz	Pass	Inf	21.23M	16.778M	21.89M	16.756M	22.77M	16.778M	21.67M	16.756M
6195MHz	Pass	Inf	21.67M	16.624M	21.505M	16.8M	21.615M	16.58M	22.825M	16.998M
6415MHz	Pass	Inf	21.285M	16.756M	21.56M	16.844M	22.77M	16.8M	21.285M	16.844M
6435MHz	Pass	Inf	21.505M	16.69M	21.175M	16.8M	21.78M	16.756M	21.23M	16.954M
6475MHz	Pass	Inf	21.725M	16.558M	21.945M	16.734M	21.78M	16.8M	21.285M	16.69M
6515MHz	Pass	Inf	22.165M	16.888M	21.175M	16.756M	21.395M	16.734M	20.735M	16.712M
6535MHz	Pass	Inf	21.725M	16.932M	21.505M	16.602M	21.175M	16.558M	21.615M	16.58M
6695MHz	Pass	Inf	21.45M	16.8M	21.67M	16.822M	21.175M	16.778M	21.505M	16.954M
6875MHz	Pass	Inf	21.78M	16.69M	21.065M	16.932M	21.34M	16.976M	21.67M	16.734M
6895MHz	Pass	Inf	22.825M	16.712M	21.285M	16.778M	21.505M	16.778M	21.285M	16.712M
6995MHz	Pass	Inf	21.34M	16.976M	22.11M	16.734M	21.395M	16.8M	21.12M	16.998M
7055MHz	Pass	Inf	21.395M	16.624M	21.34M	16.734M	20.955M	16.778M	20.845M	16.734M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6115MHz	Pass	Inf	21.725M	18.991M	21.34M	19.09M	22.22M	19.115M	22.935M	19.215M
6195MHz	Pass	Inf	20.9M	18.991M	21.34M	19.09M	21.12M	19.09M	21.395M	19.04M
6415MHz	Pass	Inf	20.735M	19.065M	21.78M	19.04M	20.9M	19.04M	21.89M	19.065M
6435MHz	Pass	Inf	21.78M	19.04M	21.45M	19.015M	21.395M	19.065M	24.915M	18.966M
6475MHz	Pass	Inf	22.165M	19.04M	22.605M	19.09M	22.22M	18.966M	22.055M	19.14M
6515MHz	Pass	Inf	21.835M	19.015M	21.835M	19.015M	22.715M	19.015M	22.66M	19.34M
6535MHz	Pass	Inf	22.385M	19.015M	22.495M	19.09M	21.285M	18.991M	21.45M	18.991M
6695MHz	Pass	Inf	23.155M	19.065M	21.285M	19.04M	21.285M	19.04M	21.505M	19.065M
6875MHz	Pass	Inf	24.64M	19.04M	21.78M	19.065M	22.44M	19.065M	22.11M	19.015M
6895MHz	Pass	Inf	21.67M	18.941M	23.595M	19.04M	21.45M	19.04M	22.825M	19.09M
6995MHz	Pass	Inf	22.33M	19.09M	23.485M	19.24M	22.66M	19.09M	21.285M	18.991M
7055MHz	Pass	Inf	23.595M	19.065M	21.23M	18.991M	21.56M	19.09M	21.285M	19.24M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6125MHz	Pass	Inf	39.6M	37.631M	39.71M	37.731M	40.37M	37.631M	40.15M	37.681M
6205MHz	Pass	Inf	41.14M	37.681M	41.91M	37.631M	42.79M	37.681M	40.59M	37.731M
6405MHz	Pass	Inf	40.59M	37.631M	40.15M	37.731M	40.7M	37.681M	41.58M	37.731M
6445MHz	Pass	Inf	40.37M	37.681M	40.48M	37.681M	40.7M	37.781M	43.67M	37.681M
6485MHz	Pass	Inf	43.23M	37.631M	41.14M	37.681M	41.36M	37.881M	40.7M	37.731M
6525MHz	Pass	Inf	41.47M	37.581M	40.81M	37.781M	41.91M	37.781M	40.92M	37.781M
6565MHz	Pass	Inf	41.36M	37.681M	40.7M	37.681M	41.03M	37.681M	42.79M	37.731M
6685MHz	Pass	Inf	40.48M	37.581M	40.04M	37.581M	41.91M	37.831M	41.03M	37.781M
6885MHz	Pass	Inf	40.26M	37.731M	46.31M	37.731M	40.37M	37.681M	40.37M	37.831M
6925MHz	Pass	Inf	40.81M	37.781M	41.69M	37.781M	41.91M	37.731M	41.14M	37.631M
7005MHz	Pass	Inf	40.81M	37.731M	41.69M	37.631M	41.8M	37.831M	40.37M	37.881M
7045MHz	Pass	Inf	41.58M	37.681M	40.37M	37.781M	40.7M	37.681M	40.48M	37.681M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6145MHz	Pass	Inf	81.84M	77.361M	81.62M	77.261M	80.96M	77.261M	80.08M	77.161M
6225MHz	Pass	Inf	80.3M	77.161M	80.52M	77.161M	79.64M	77.461M	80.52M	77.561M
6385MHz	Pass	Inf	80.96M	77.261M	80.52M	77.461M	79.86M	77.361M	83.16M	77.061M
6465MHz	Pass	Inf	80.52M	77.361M	81.84M	77.261M	80.08M	77.361M	81.18M	77.261M
6545MHz	Pass	Inf	80.96M	77.261M	82.94M	77.461M	82.06M	77.061M	82.72M	77.261M
6625MHz	Pass	Inf	80.96M	77.461M	80.08M	77.061M	80.52M	77.361M	79.86M	77.261M
6705MHz	Pass	Inf	80.52M	77.261M	81.4M	77.161M	80.08M	77.361M	80.52M	77.361M
6785MHz	Pass	Inf	81.4M	77.361M	82.94M	77.361M	81.62M	77.361M	80.96M	77.261M
6865MHz	Pass	Inf	80.52M	77.461M	79.86M	77.361M	82.06M	77.161M	80.52M	77.261M
6945MHz	Pass	Inf	81.18M	77.261M	79.86M	77.261M	81.62M	77.461M	83.82M	77.161M
7025MHz	Pass	Inf	80.96M	77.561M	80.3M	77.361M	82.28M	77.461M	81.84M	77.461M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6185MHz	Pass	Inf	164.12M	156.522M	163.68M	156.322M	163.68M	156.722M	163.68M	156.522M
6345MHz	Pass	Inf	163.68M	156.322M	163.24M	156.322M	162.8M	156.322M	163.24M	156.322M
6505MHz	Pass	Inf	164.12M	156.522M	162.8M	156.122M	162.8M	156.522M	162.8M	156.722M

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
6665MHz	Pass	Inf	163.24M	156.522M	164.12M	156.722M	165M	156.122M	162.8M	156.322M
6825MHz	Pass	Inf	165M	156.122M	162.8M	156.122M	163.24M	156.122M	164.56M	156.322M
6985MHz	Pass	Inf	163.24M	155.922M	164.12M	156.122M	162.8M	156.322M	165M	156.122M
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6115MHz	Pass	Inf	24.695M	19.215M	23.1M	19.015M	22.99M	19.165M	21.01M	19.065M
6195MHz	Pass	Inf	20.68M	18.991M	21.945M	19.065M	23.155M	19.165M	21.725M	19.165M
6415MHz	Pass	Inf	21.505M	19.165M	21.395M	19.04M	21.78M	19.065M	22.495M	19.015M
6435MHz	Pass	Inf	23.155M	19.015M	21.34M	19.065M	21.23M	19.04M	23.815M	18.966M
6475MHz	Pass	Inf	23.155M	18.941M	21.78M	19.165M	21.45M	19.04M	22M	19.065M
6515MHz	Pass	Inf	22.055M	18.966M	21.945M	19.065M	20.845M	18.991M	21.395M	19.065M
6535MHz	Pass	Inf	20.955M	18.991M	21.78M	19.115M	23.76M	19.04M	21.615M	19.015M
6695MHz	Pass	Inf	22M	18.991M	23.65M	19.04M	21.23M	19.015M	21.725M	19.015M
6875MHz	Pass	Inf	21.395M	18.991M	21.395M	19.09M	22.66M	18.966M	21.45M	18.966M
6895MHz	Pass	Inf	21.505M	19.065M	24.31M	19.065M	23.1M	19.015M	21.285M	19.015M
6995MHz	Pass	Inf	23.32M	19.14M	21.285M	19.015M	22.165M	19.015M	21.615M	19.015M
7055MHz	Pass	Inf	20.955M	19.04M	22.165M	19.09M	21.67M	18.941M	22.11M	19.04M
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6125MHz	Pass	Inf	39.71M	37.631M	39.71M	37.681M	39.49M	37.681M	42.46M	37.781M
6205MHz	Pass	Inf	40.37M	37.681M	40.7M	37.681M	40.37M	37.681M	40.81M	37.681M
6405MHz	Pass	Inf	41.25M	37.631M	42.02M	37.681M	41.69M	37.681M	40.48M	37.781M
6445MHz	Pass	Inf	41.8M	37.731M	40.26M	37.781M	40.37M	37.681M	41.14M	37.581M
6485MHz	Pass	Inf	40.26M	37.731M	40.92M	37.581M	40.48M	37.831M	40.26M	37.731M
6525MHz	Pass	Inf	40.92M	37.781M	40.59M	37.681M	40.81M	37.881M	40.37M	37.731M
6565MHz	Pass	Inf	40.48M	37.631M	40.92M	37.681M	41.25M	37.631M	40.04M	37.631M
6685MHz	Pass	Inf	40.37M	37.681M	40.59M	37.731M	40.37M	37.731M	41.03M	37.731M
6885MHz	Pass	Inf	41.03M	37.681M	40.92M	37.681M	40.81M	37.681M	42.9M	37.831M
6925MHz	Pass	Inf	40.15M	37.581M	41.69M	37.681M	41.69M	37.731M	41.47M	37.681M
7005MHz	Pass	Inf	42.02M	37.831M	42.57M	37.631M	41.25M	37.781M	40.92M	37.681M
7045MHz	Pass	Inf	40.48M	37.781M	42.46M	37.731M	40.37M	37.781M	40.81M	37.731M
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6145MHz	Pass	Inf	80.74M	77.361M	80.52M	77.061M	80.52M	77.161M	81.18M	77.461M
6225MHz	Pass	Inf	81.4M	77.161M	80.08M	77.361M	80.08M	77.061M	80.08M	77.161M
6385MHz	Pass	Inf	80.74M	77.361M	81.18M	77.161M	80.74M	77.361M	80.52M	77.261M
6465MHz	Pass	Inf	80.3M	77.161M	79.64M	77.361M	81.84M	77.461M	80.52M	77.261M
6545MHz	Pass	Inf	80.96M	77.261M	80.52M	76.962M	81.4M	77.061M	83.82M	77.261M
6625MHz	Pass	Inf	81.62M	77.261M	82.5M	77.161M	79.42M	77.261M	82.06M	77.061M
6705MHz	Pass	Inf	80.74M	77.661M	81.18M	77.361M	79.86M	77.461M	81.62M	77.261M
6785MHz	Pass	Inf	79.64M	77.361M	80.52M	77.061M	84.92M	77.361M	81.84M	77.461M
6865MHz	Pass	Inf	81.18M	77.161M	79.86M	77.061M	80.08M	77.361M	80.3M	77.261M
6945MHz	Pass	Inf	79.42M	77.161M	80.52M	77.261M	80.74M	77.361M	81.62M	77.261M
7025MHz	Pass	Inf	81.62M	77.161M	80.3M	77.261M	78.98M	77.061M	80.96M	77.561M
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6185MHz	Pass	Inf	161.92M	156.322M	204.16M	156.322M	162.8M	156.522M	200.2M	156.122M
6345MHz	Pass	Inf	164.56M	156.522M	163.68M	156.322M	164.56M	156.122M	163.24M	156.322M
6505MHz	Pass	Inf	164.12M	156.322M	165M	156.722M	162.8M	156.322M	163.68M	156.722M
6665MHz	Pass	Inf	164.56M	156.522M	163.68M	156.122M	163.68M	156.322M	164.12M	156.122M
6825MHz	Pass	Inf	165M	156.322M	164.56M	156.522M	164.56M	156.322M	163.68M	156.322M
6985MHz	Pass	Inf	164.12M	156.122M	164.12M	156.322M	164.56M	156.322M	164.12M	156.122M

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

5.925-6.425GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

6115MHz

31/01/2024

CF (Hz)
6.115G

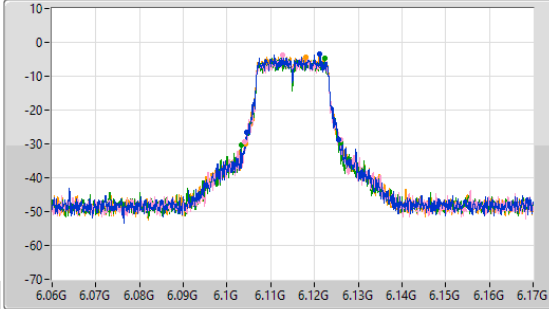
Span (Hz)
110M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
2.01m

Detector Type
Peak



CF (Hz)
6.115G

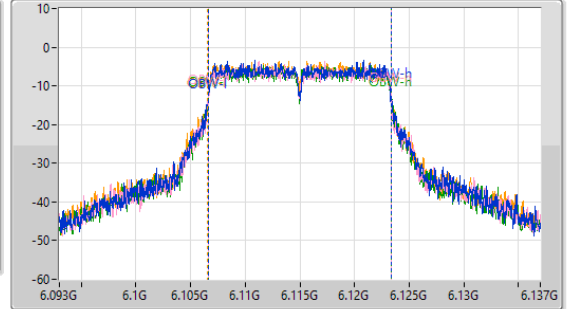
Span (Hz)
44M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
2.01m

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.23M	6.104385G	6.125615G	16.778M	6.1066G	6.123378G	Inf	1
21.89M	6.104055G	6.125945G	16.756M	6.1066G	6.123356G	Inf	2
22.77M	6.103175G	6.125945G	16.778M	6.1066G	6.123378G	Inf	3
21.67M	6.10422G	6.12589G	16.756M	6.106578G	6.123334G	Inf	4

5.925-6.425GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

6195MHz

31/01/2024

CF (Hz)
6.195G

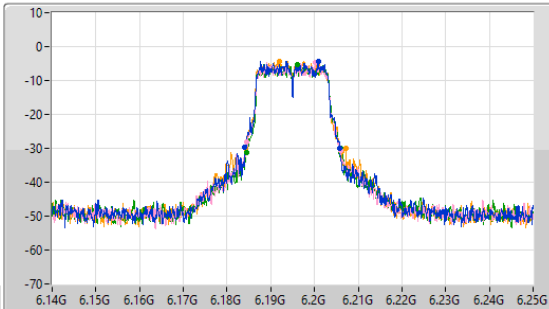
Span (Hz)
110M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
132.8u

Detector Type
Peak



CF (Hz)
6.195G

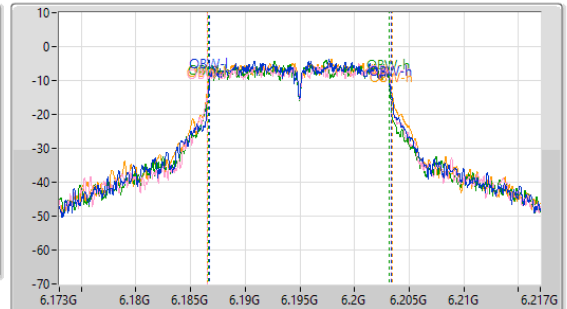
Span (Hz)
44M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
57u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.67M	6.18411G	6.20578G	16.624M	6.18671G	6.203334G	Inf	1
21.505M	6.184385G	6.20589G	16.8M	6.186534G	6.203334G	Inf	2
21.615M	6.184385G	6.206G	16.58M	6.186622G	6.203202G	Inf	3
22.825M	6.184275G	6.2071G	16.998M	6.186512G	6.20351G	Inf	4

5.925-6.425GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

6415MHz

31/01/2024

CF (Hz)
6.415G

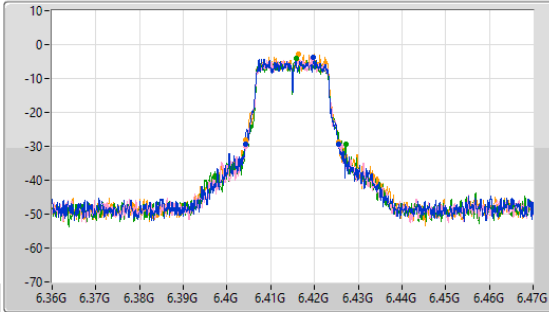
Span (Hz)
110M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
132.8u

Detector Type
Peak



CF (Hz)
6.415G

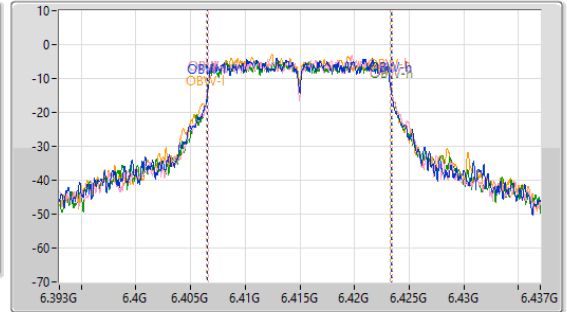
Span (Hz)
44M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
57u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.285M	6.404165G	6.42545G	16.756M	6.406578G	6.423334G	Inf	1
21.56M	6.40433G	6.42589G	16.844M	6.4066G	6.423444G	Inf	2
22.77M	6.40444G	6.42721G	16.8M	6.406622G	6.423422G	Inf	3
21.285M	6.40422G	6.425505G	16.844M	6.406468G	6.423312G	Inf	4

6.425-6.525GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

6435MHz

31/01/2024

CF (Hz)
6.435G

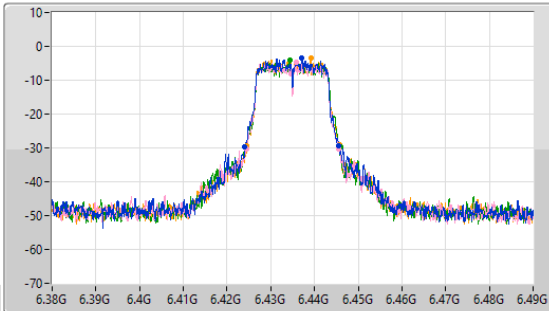
Span (Hz)
110M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
132.8u

Detector Type
Peak



CF (Hz)
6.435G

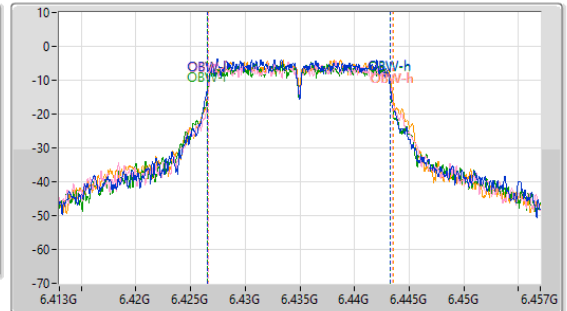
Span (Hz)
44M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
57u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.505M	6.42411G	6.445615G	16.69M	6.426556G	6.443246G	Inf	1
21.175M	6.42444G	6.445615G	16.8M	6.426666G	6.443466G	Inf	2
21.78M	6.424165G	6.445945G	16.756M	6.426534G	6.44329G	Inf	3
21.23M	6.42455G	6.44578G	16.954M	6.426622G	6.443576G	Inf	4

6.425-6.525GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

6475MHz

31/01/2024

CF (Hz)
6.475G

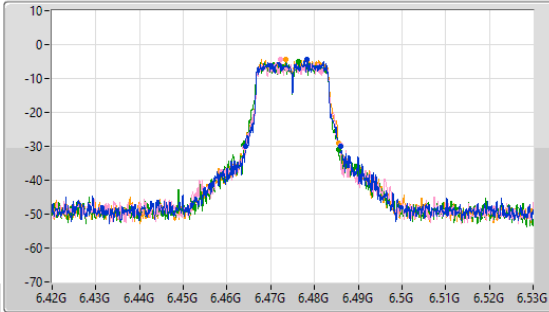
Span (Hz)
110M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
132.8u

Detector Type
Peak



CF (Hz)
6.475G

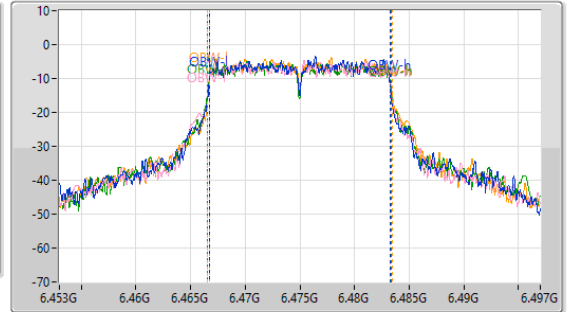
Span (Hz)
44M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
57u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.725M	6.46422G	6.485945G	16.558M	6.466688G	6.483246G	Inf	1
21.945M	6.464G	6.485945G	16.734M	6.466578G	6.483312G	Inf	2
21.78M	6.463725G	6.485505G	16.8M	6.466578G	6.483378G	Inf	3
21.285M	6.464275G	6.48556G	16.69M	6.466732G	6.483422G	Inf	4

6.425-6.525GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

6515MHz

31/01/2024

CF (Hz)
6.515G

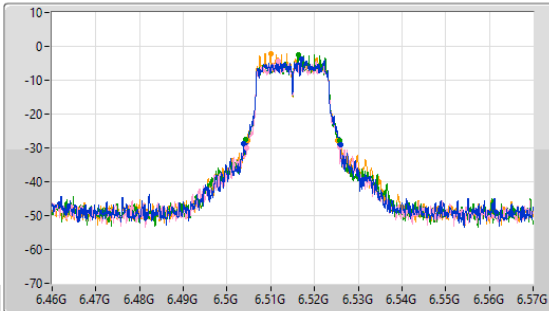
Span (Hz)
110M

RBW (Hz)
200k

VBW (Hz)
3M

Sweep Time (s)
132.8u

Detector Type
Peak



CF (Hz)
6.515G

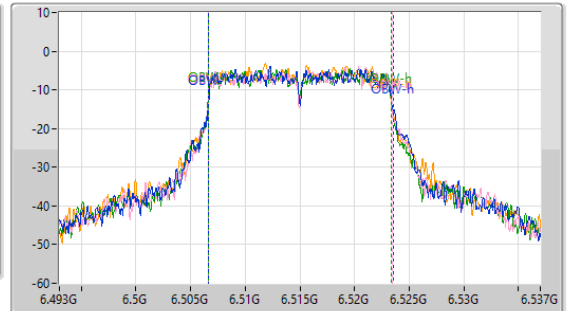
Span (Hz)
44M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
57u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.165M	6.503835G	6.526G	16.888M	6.506666G	6.523554G	Inf	1
21.175M	6.504495G	6.52567G	16.756M	6.506666G	6.523422G	Inf	2
21.395M	6.50433G	6.525725G	16.734M	6.506622G	6.523356G	Inf	3
20.735M	6.50466G	6.525395G	16.712M	6.506666G	6.523378G	Inf	4

6.525-6.875GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

6535MHz

31/01/2024

CF (Hz)
6.535G

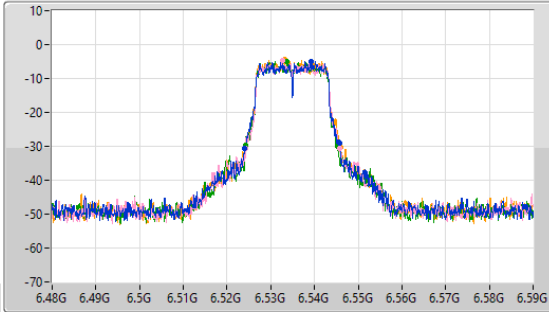
Span (Hz)
110M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
132.8u

Detector Type
Peak



CF (Hz)
6.535G

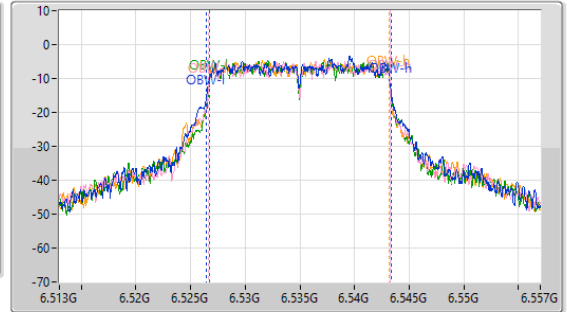
Span (Hz)
44M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
57u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.725M	6.524G	6.545725G	16.932M	6.526402G	6.543334G	Inf	1
21.505M	6.52422G	6.545725G	16.602M	6.526622G	6.543224G	Inf	2
21.175M	6.52422G	6.545395G	16.558M	6.52671G	6.543268G	Inf	3
21.615M	6.524275G	6.54589G	16.58M	6.526622G	6.543202G	Inf	4

6.525-6.875GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

6695MHz

31/01/2024

CF (Hz)
6.695G

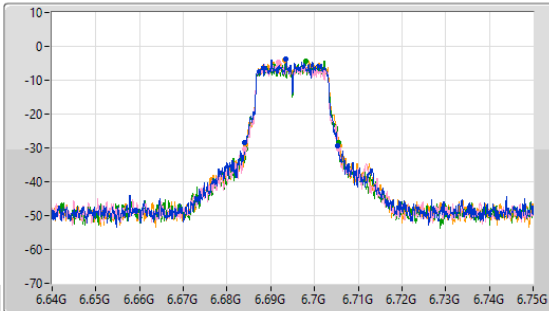
Span (Hz)
110M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
132.8u

Detector Type
Peak



CF (Hz)
6.695G

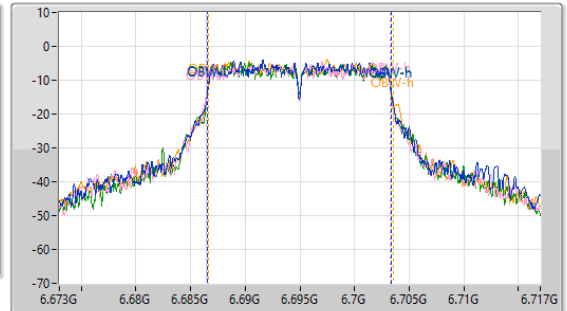
Span (Hz)
44M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
57u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	6.683945G	6.705395G	16.8M	6.686556G	6.703356G	Inf	1
21.67M	6.68389G	6.70556G	16.822M	6.686446G	6.703268G	Inf	2
21.175M	6.68433G	6.705505G	16.778M	6.686578G	6.703356G	Inf	3
21.505M	6.68433G	6.705835G	16.954M	6.6866G	6.703554G	Inf	4

6.525-6.875GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

6875MHz

31/01/2024

CF (Hz)
6.875G

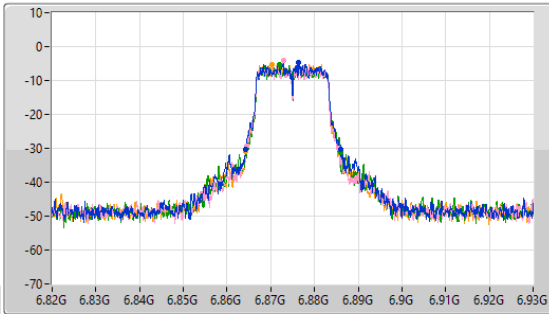
Span (Hz)
110M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
132.8u

Detector Type
Peak



CF (Hz)
6.875G

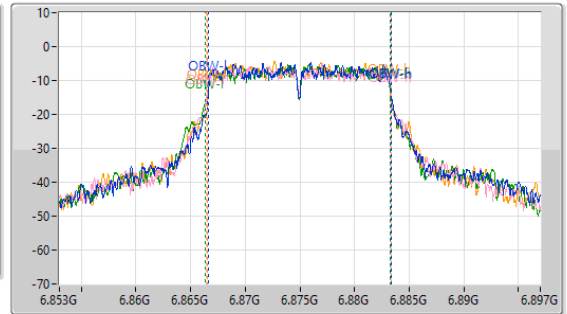
Span (Hz)
44M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
57u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.78M	6.864275G	6.886055G	16.69M	6.866666G	6.883356G	Inf	1
21.065M	6.864495G	6.88556G	16.932M	6.866468G	6.8834G	Inf	2
21.34M	6.86455G	6.88589G	16.976M	6.866314G	6.88329G	Inf	3
21.67M	6.864275G	6.885945G	16.734M	6.866556G	6.88329G	Inf	4

6.875-7.125GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

6895MHz

31/01/2024

CF (Hz)
6.895G

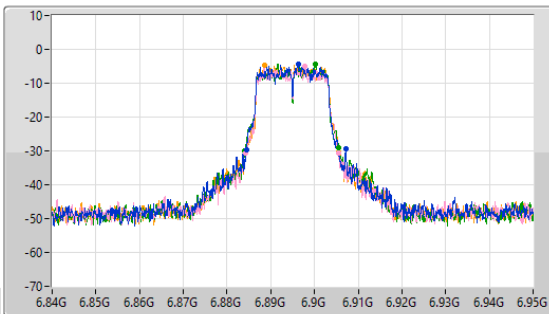
Span (Hz)
110M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
132.8u

Detector Type
Peak



CF (Hz)
6.895G

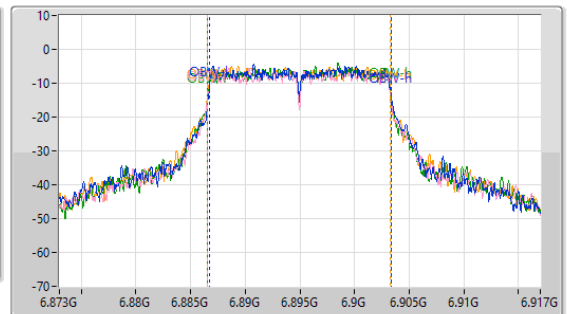
Span (Hz)
44M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
57u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

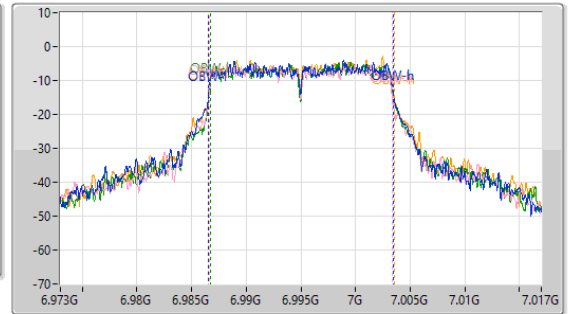
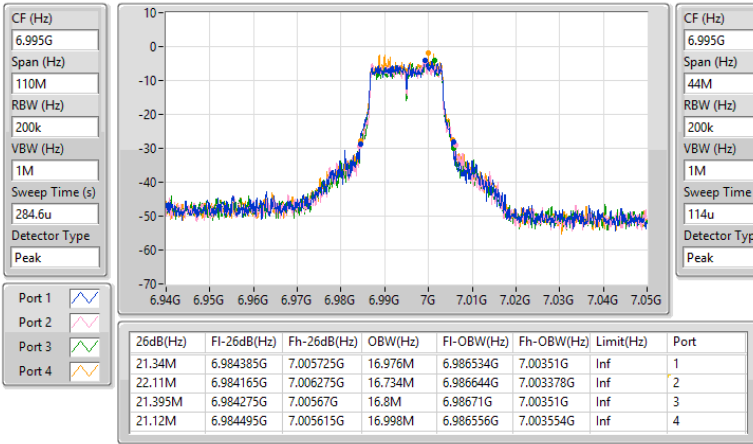
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.825M	6.884385G	6.90721G	16.712M	6.886688G	6.9034G	Inf	1
21.285M	6.884275G	6.90556G	16.778M	6.886578G	6.903356G	Inf	2
21.505M	6.88411G	6.905615G	16.778M	6.886556G	6.903334G	Inf	3
21.285M	6.884275G	6.90556G	16.712M	6.886556G	6.903268G	Inf	4

6.875-7.125GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

6995MHz

31/01/2024

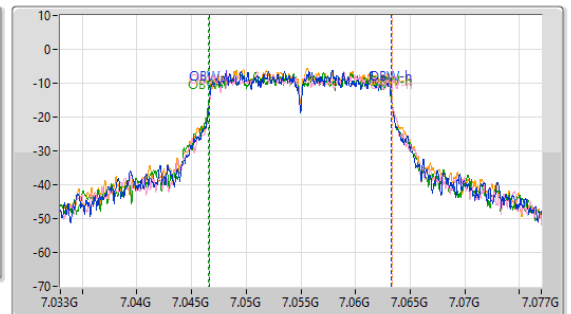
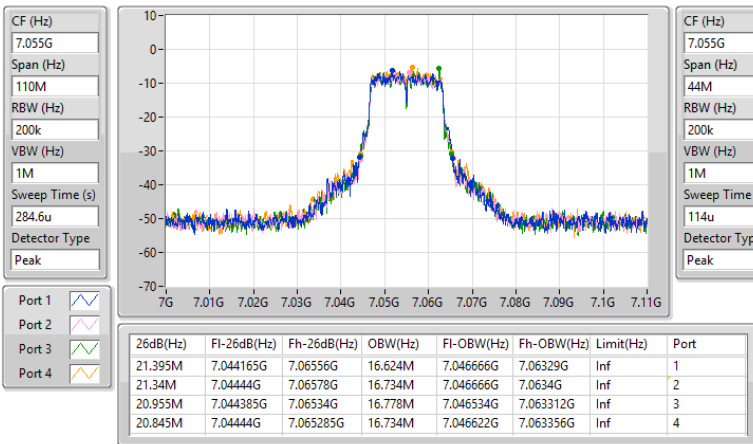


6.875-7.125GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

7055MHz

31/01/2024

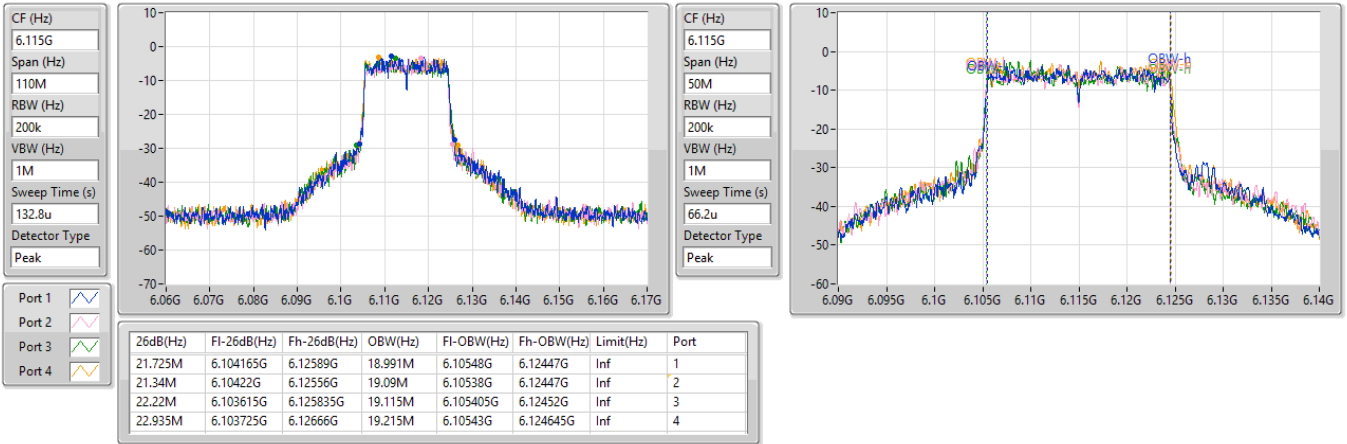


5.925-6.425GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

6115MHz

31/01/2024

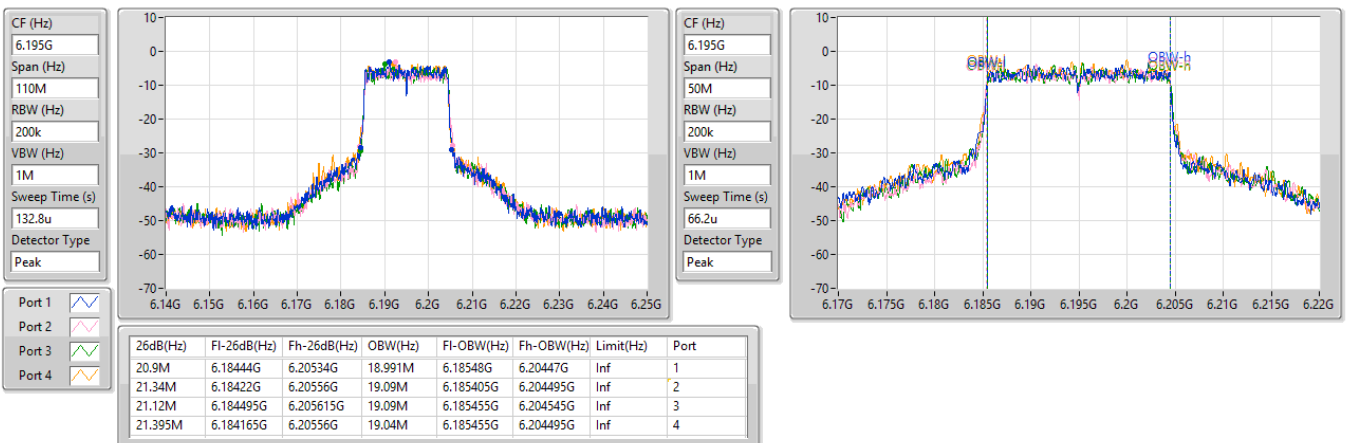


5.925-6.425GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

6195MHz

31/01/2024

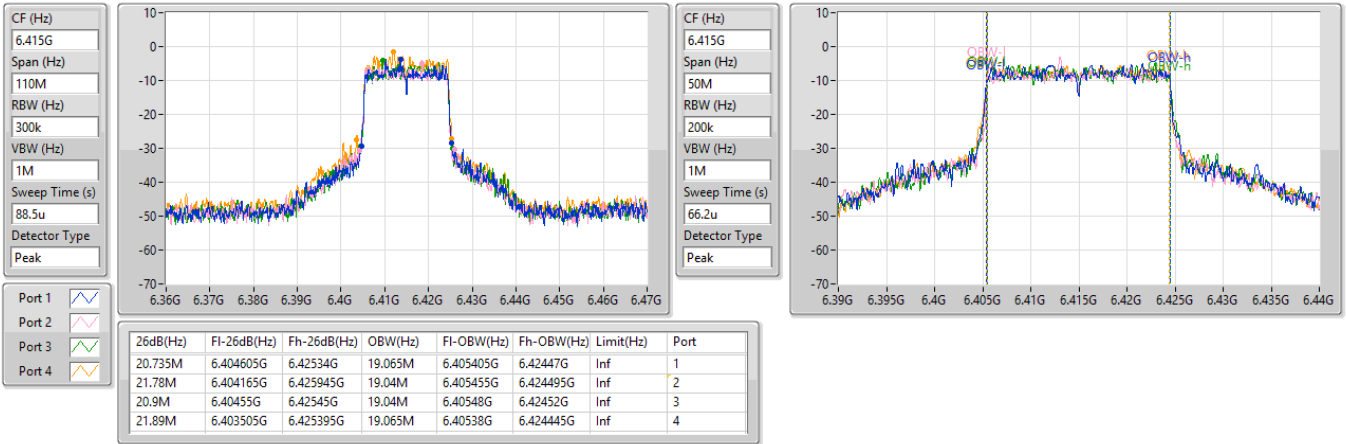


5.925-6.425GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

6415MHz

31/01/2024

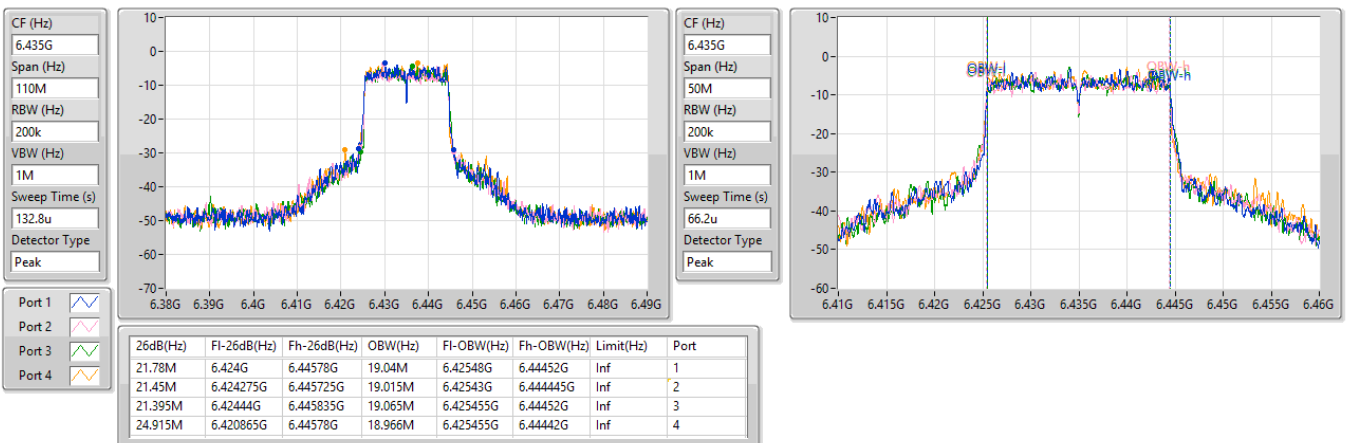


6.425-6.525GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

6435MHz

31/01/2024

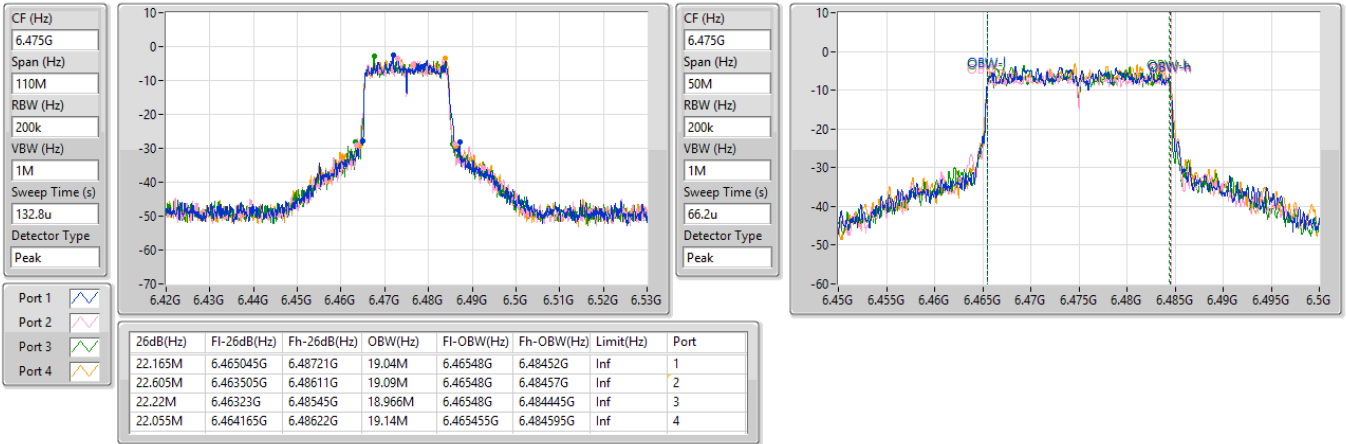


6.425-6.525GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

6475MHz

31/01/2024

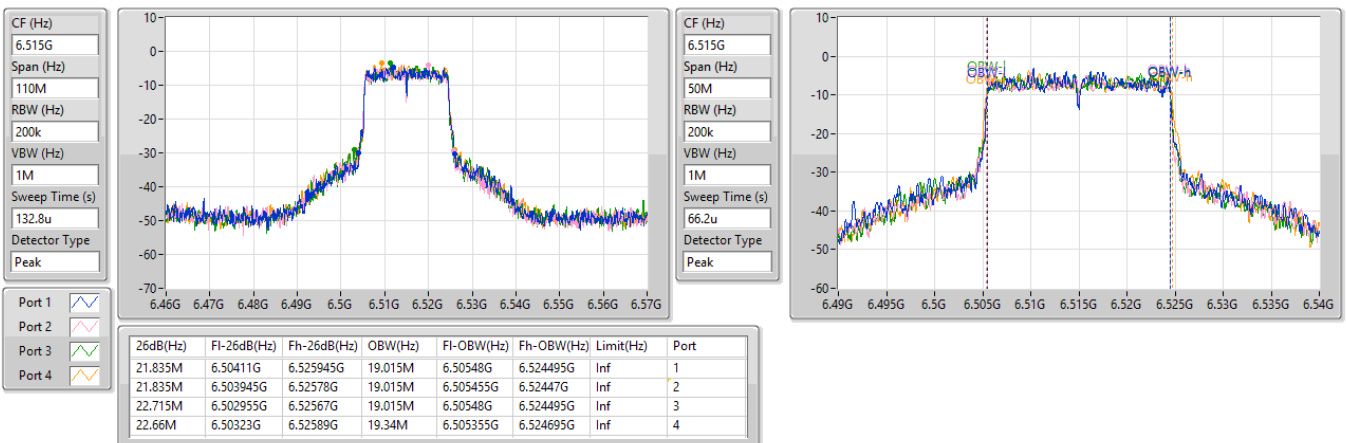


6.425-6.525GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

6515MHz

31/01/2024

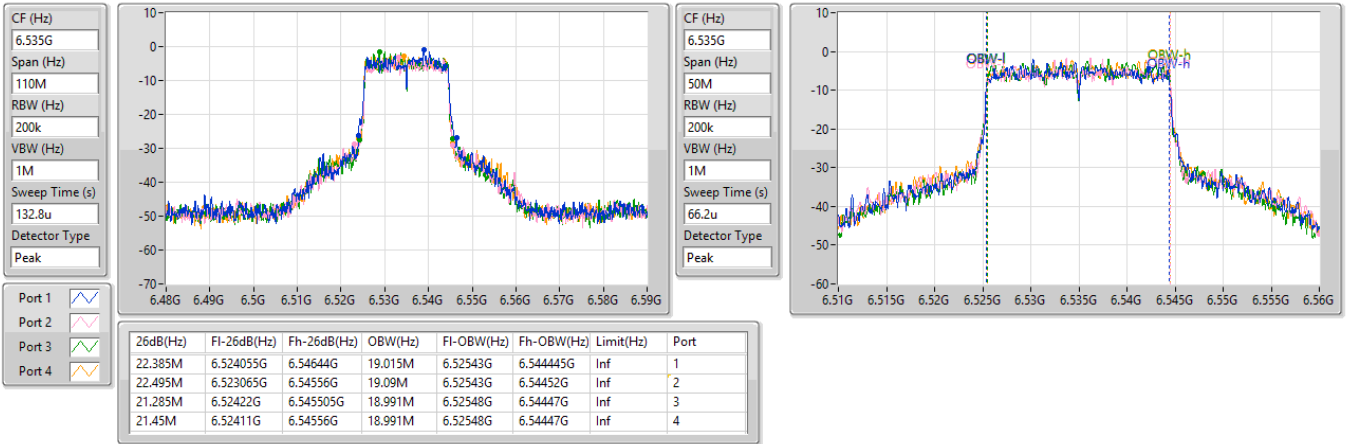


6.525-6.875GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

6535MHz

31/01/2024

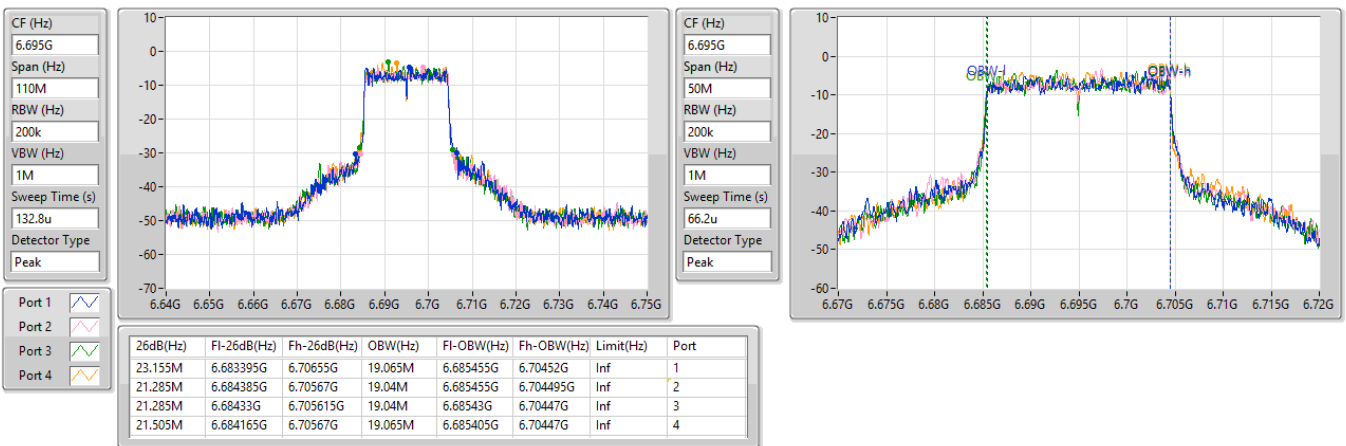


6.525-6.875GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

6695MHz

31/01/2024

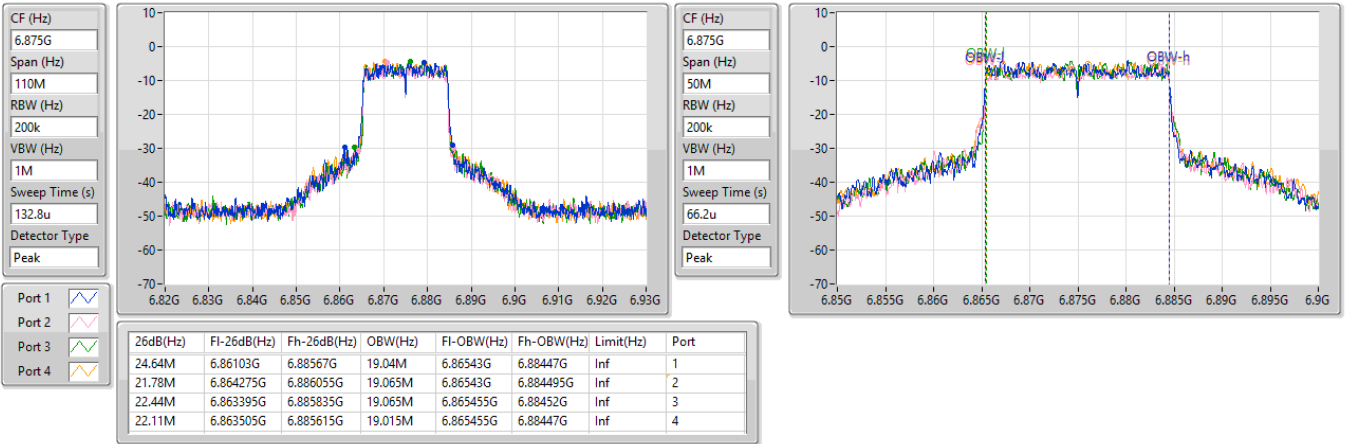


6.525-6.875GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

6875MHz

31/01/2024

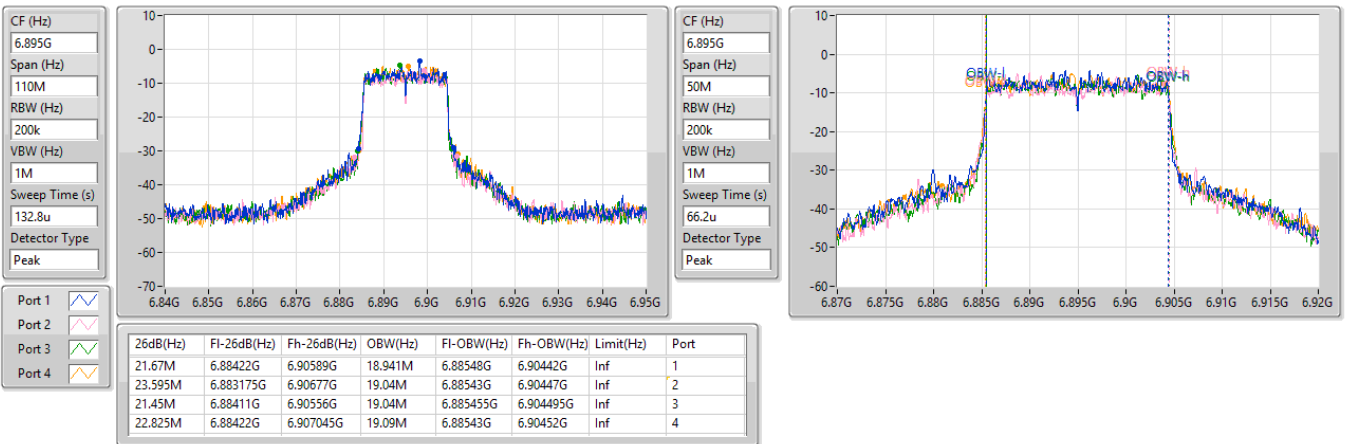


6.875-7.125GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

6895MHz

31/01/2024

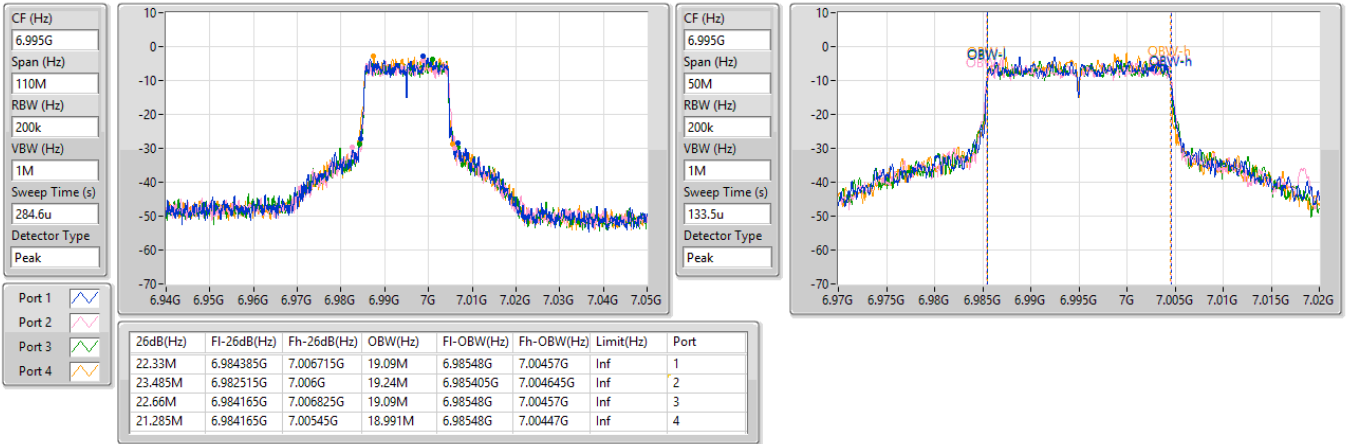


6.875-7.125GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

6995MHz

31/01/2024

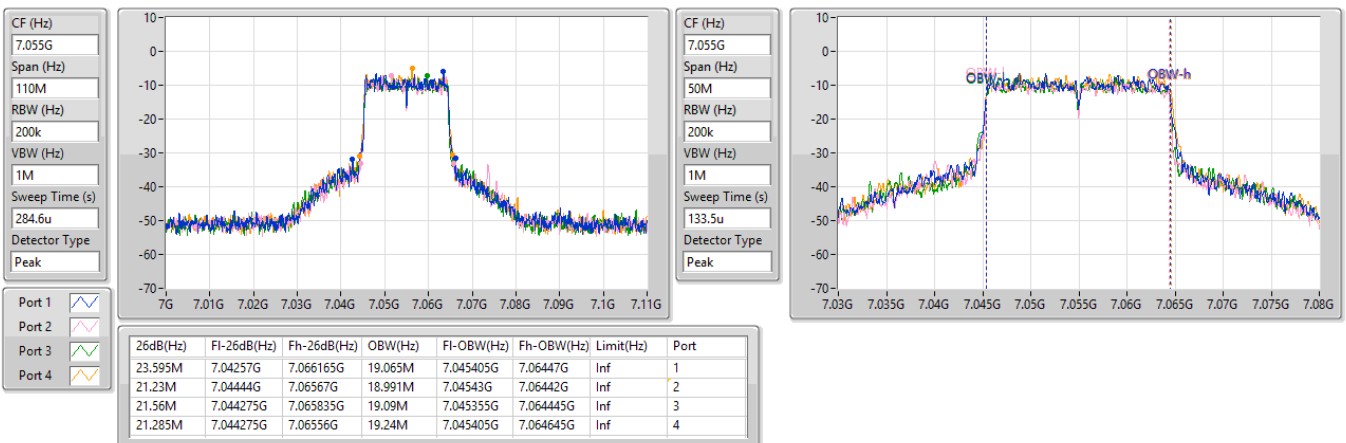


6.875-7.125GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

7055MHz

31/01/2024



5.925-6.425GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

6125MHz

31/01/2024

CF (Hz)
6.125G

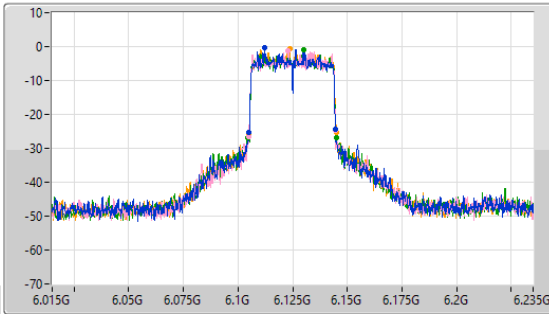
Span (Hz)
220M

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
177.6u

Detector Type
Peak



CF (Hz)
6.125G

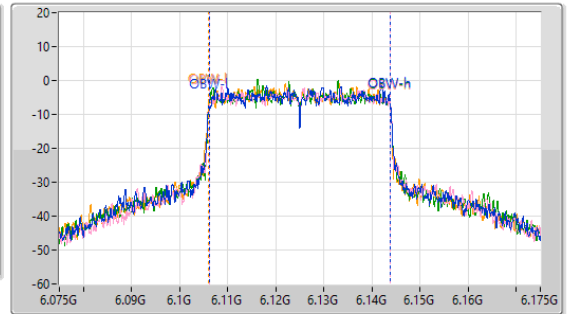
Span (Hz)
100M

RBW (Hz)
300k

VBW (Hz)
2M

Sweep Time (s)
82.3u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.6M	6.10487G	6.14447G	37.631M	6.106159G	6.143791G	Inf	1
39.71M	6.10487G	6.14458G	37.731M	6.106109G	6.143841G	Inf	2
40.37M	6.10454G	6.14491G	37.631M	6.106159G	6.143791G	Inf	3
40.15M	6.10487G	6.14502G	37.681M	6.106059G	6.143741G	Inf	4

5.925-6.425GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

6205MHz

31/01/2024

CF (Hz)
6.205G

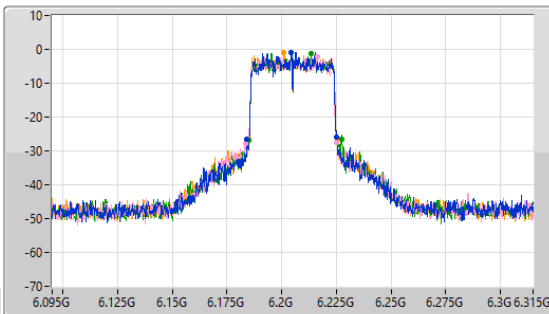
Span (Hz)
220M

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
177.6u

Detector Type
Peak



CF (Hz)
6.205G

Span (Hz)
100M

RBW (Hz)
300k

VBW (Hz)
2M

Sweep Time (s)
82.3u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

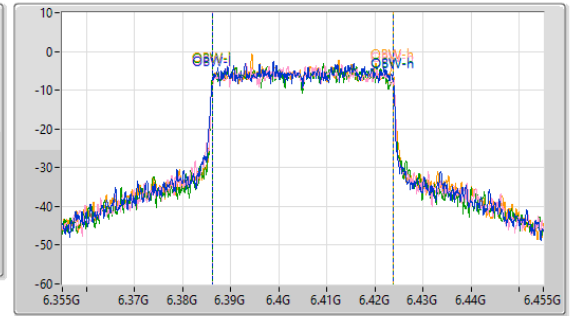
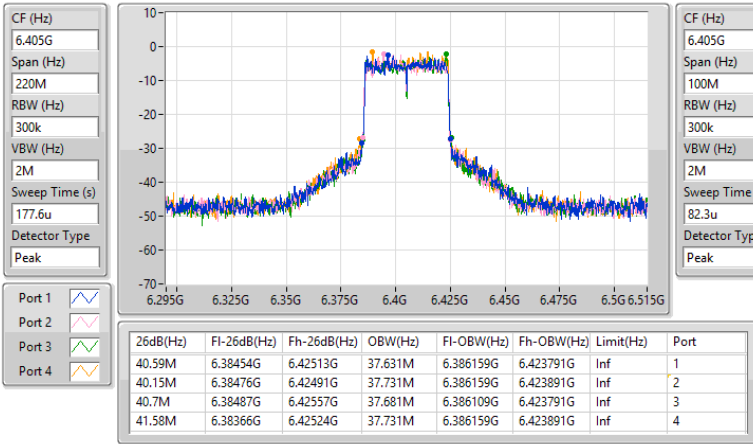
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.14M	6.1841G	6.22524G	37.681M	6.186159G	6.223841G	Inf	1
41.91M	6.18333G	6.22524G	37.631M	6.186159G	6.223791G	Inf	2
42.79M	6.18487G	6.22766G	37.681M	6.186159G	6.223841G	Inf	3
40.59M	6.18498G	6.22557G	37.731M	6.186109G	6.223841G	Inf	4

5.925-6.425GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

6405MHz

31/01/2024

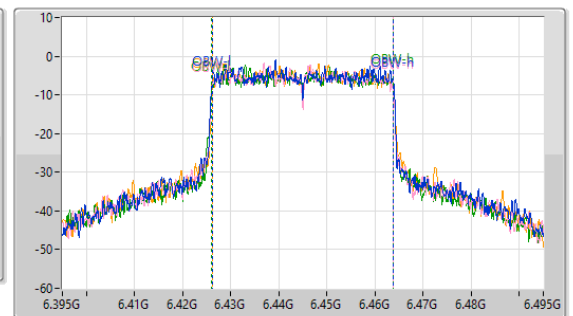
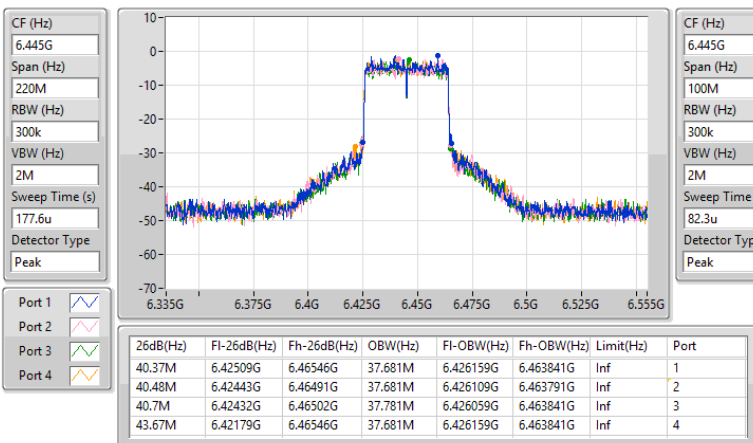


6.425-6.525GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

6445MHz

31/01/2024

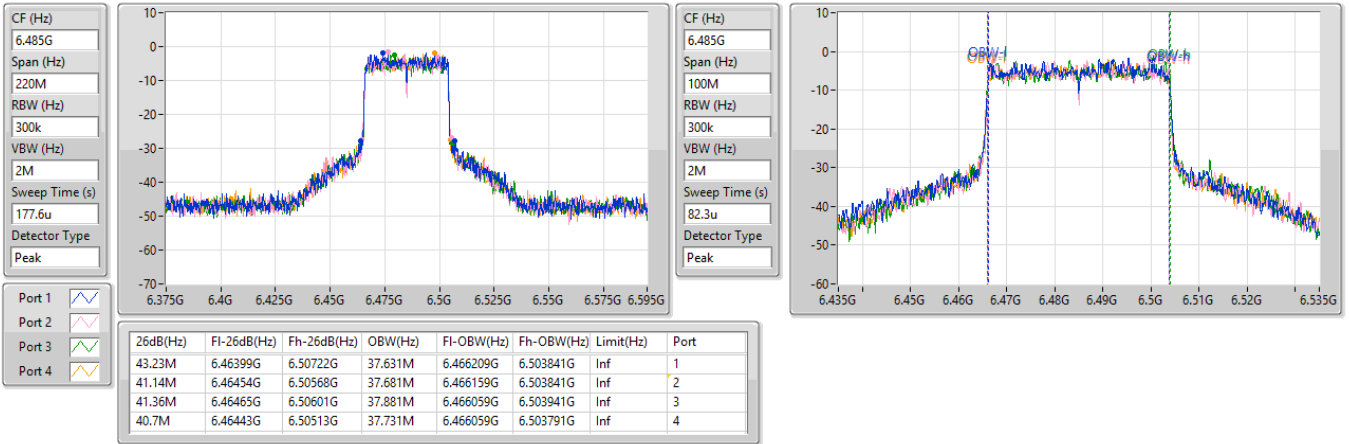


6.425-6.525GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

6485MHz

31/01/2024

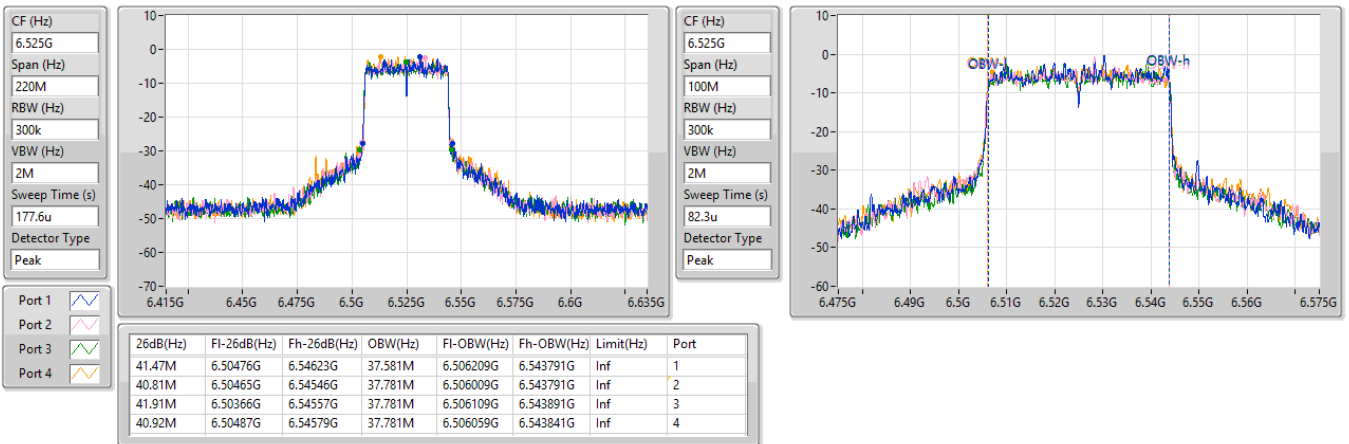


6.425-6.525GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

6525MHz

31/01/2024

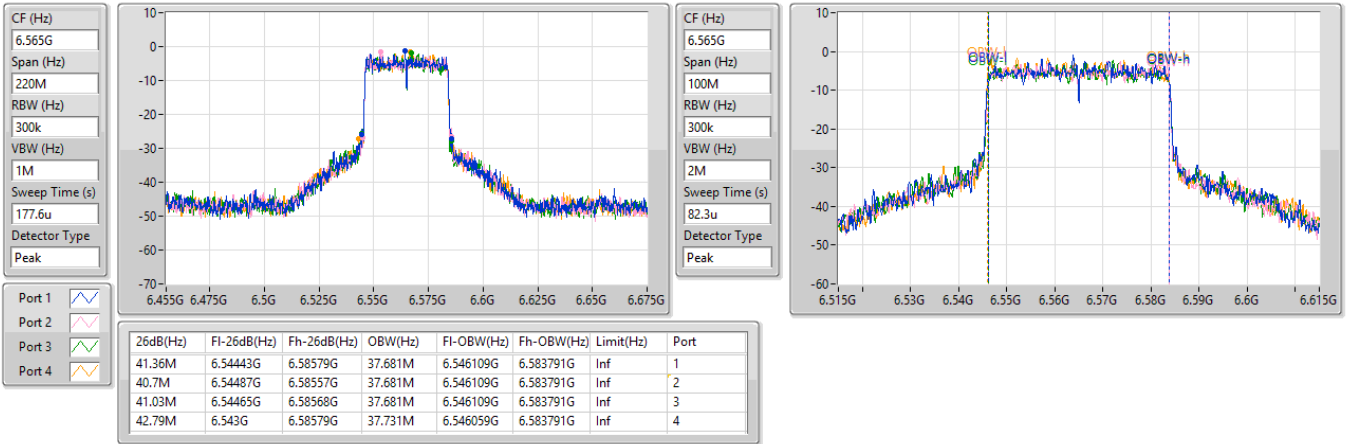


6.525-6.875GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

6565MHz

31/01/2024

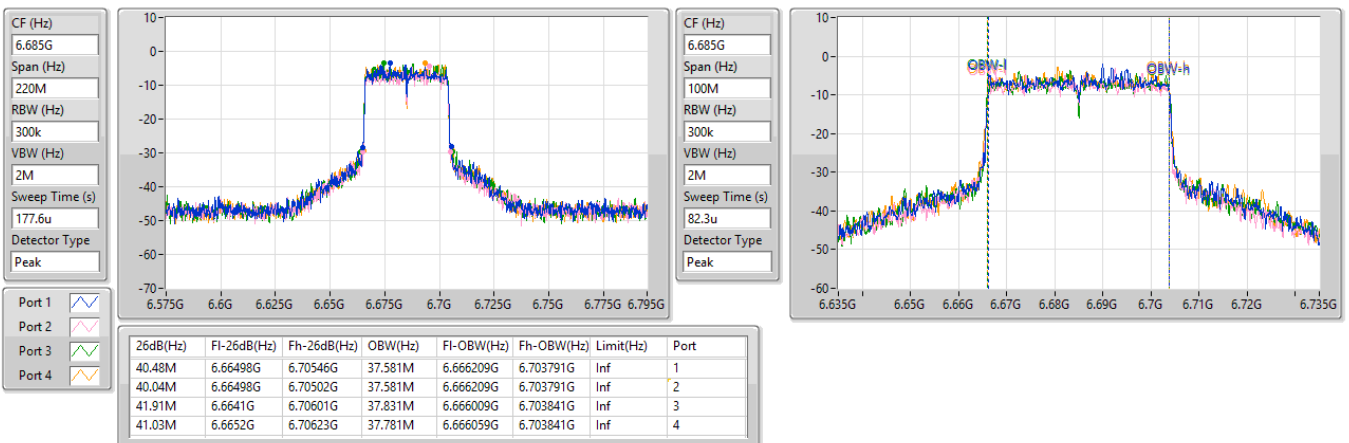


6.525-6.875GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

6685MHz

31/01/2024



6.525-6.875GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

6885MHz

31/01/2024

CF (Hz)
6.885G

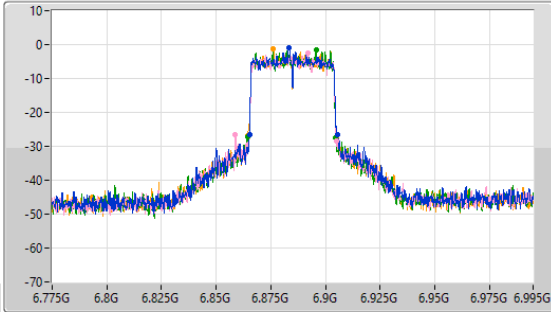
Span (Hz)
220M

RBW (Hz)
300k

VBW (Hz)
2M

Sweep Time (s)
177.6u

Detector Type
Peak



CF (Hz)
6.885G

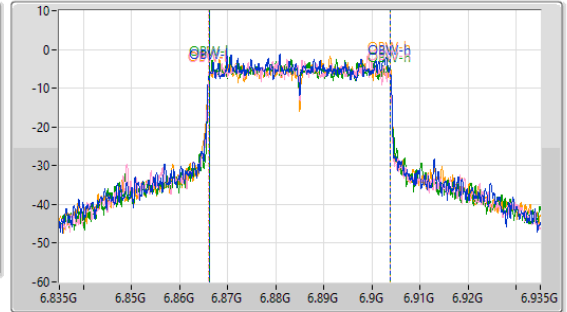
Span (Hz)
100M

RBW (Hz)
300k

VBW (Hz)
2M

Sweep Time (s)
82.3u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	6.8652G	6.90546G	37.731M	6.866109G	6.903841G	Inf	1
46.31M	6.85882G	6.90513G	37.731M	6.866059G	6.903791G	Inf	2
40.37M	6.86443G	6.9048G	37.681M	6.866109G	6.903791G	Inf	3
40.37M	6.86465G	6.90502G	37.831M	6.866059G	6.903891G	Inf	4

6.875-7.125GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

6925MHz

31/01/2024

CF (Hz)
6.925G

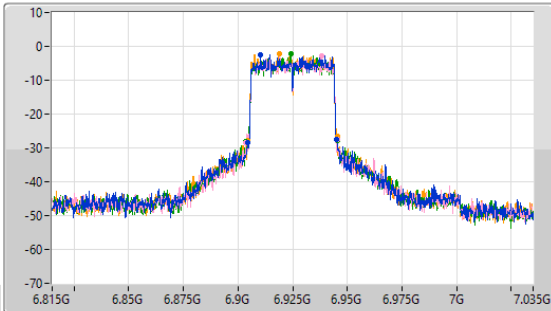
Span (Hz)
220M

RBW (Hz)
300k

VBW (Hz)
2M

Sweep Time (s)
415.1u

Detector Type
Peak



CF (Hz)
6.925G

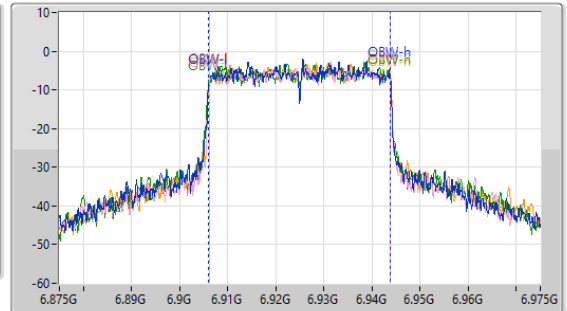
Span (Hz)
100M

RBW (Hz)
300k

VBW (Hz)
2M

Sweep Time (s)
82.3u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

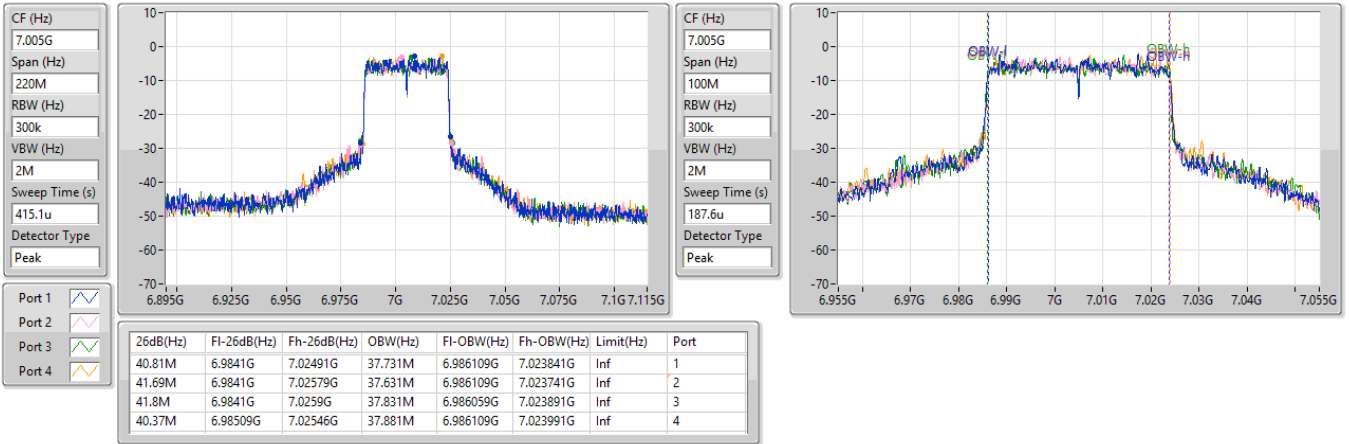
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.81M	6.90443G	6.94524G	37.781M	6.906059G	6.943841G	Inf	1
41.69M	6.90366G	6.94535G	37.781M	6.906109G	6.943891G	Inf	2
41.91M	6.90344G	6.94535G	37.731M	6.906059G	6.943791G	Inf	3
41.14M	6.90421G	6.94535G	37.631M	6.906159G	6.943791G	Inf	4

6.875-7.125GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

7005MHz

31/01/2024

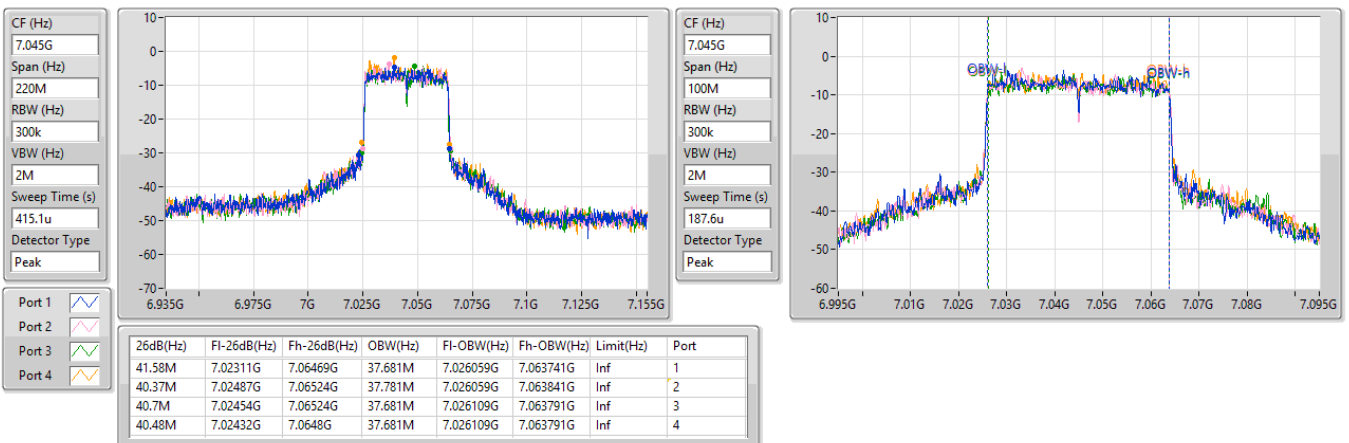


6.875-7.125GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

7045MHz

31/01/2024

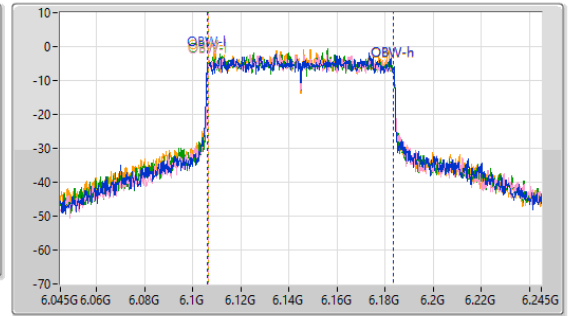
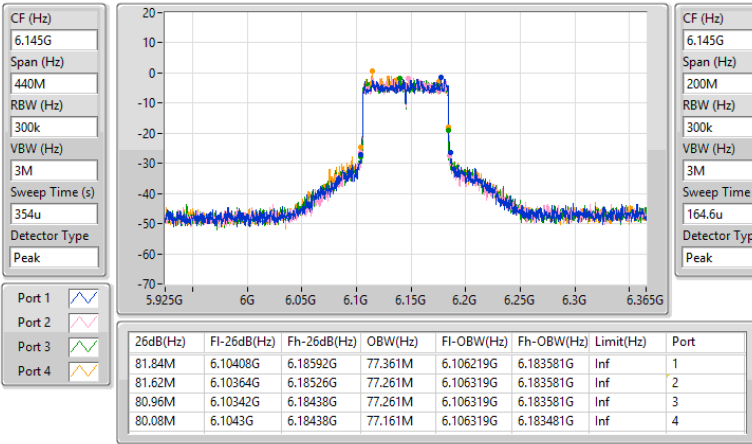


5.925-6.425GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

6145MHz

31/01/2024

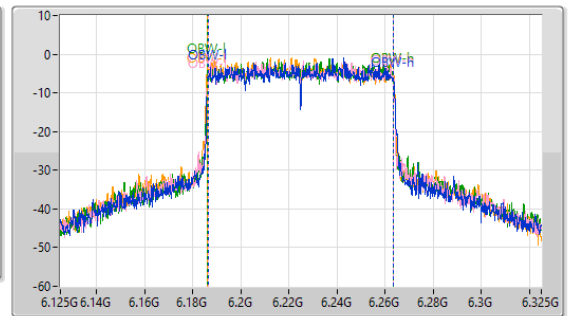
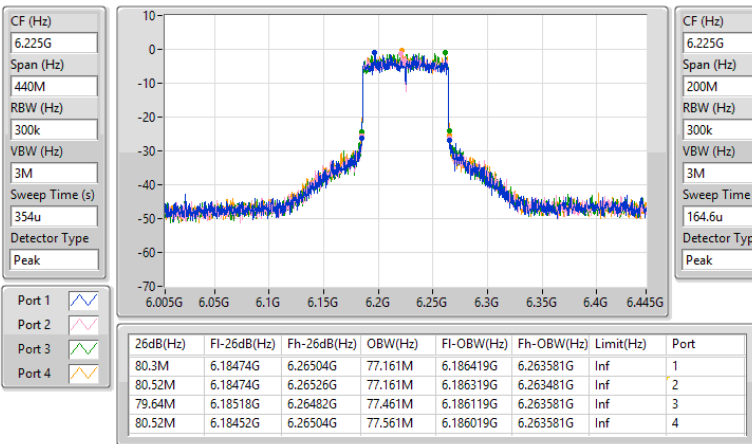


5.925-6.425GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

6225MHz

31/01/2024



5.925-6.425GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

6385MHz

31/01/2024

CF (Hz)
6.385G

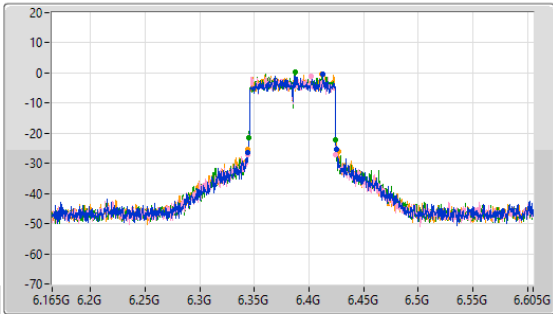
Span (Hz)
440M

RBW (Hz)
300k

VBW (Hz)
3M

Sweep Time (s)
354u

Detector Type
Peak



CF (Hz)
6.385G

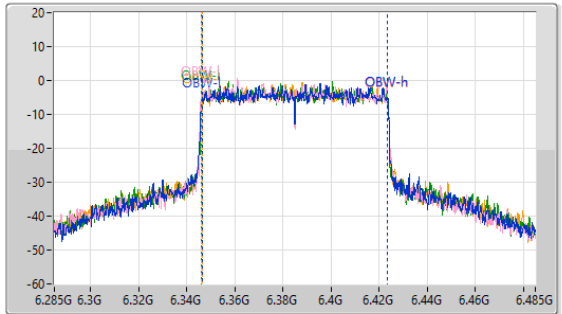
Span (Hz)
200M

RBW (Hz)
300k

VBW (Hz)
3M

Sweep Time (s)
164.6u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.96M	6.3443G	6.42526G	77.261M	6.346319G	6.423581G	Inf	1
80.52M	6.34408G	6.4246G	77.461M	6.346119G	6.423581G	Inf	2
79.86M	6.34474G	6.4246G	77.361M	6.346219G	6.423581G	Inf	3
83.16M	6.34408G	6.42724G	77.061M	6.346419G	6.423481G	Inf	4

6.425-6.525GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

6465MHz

31/01/2024

CF (Hz)
6.465G

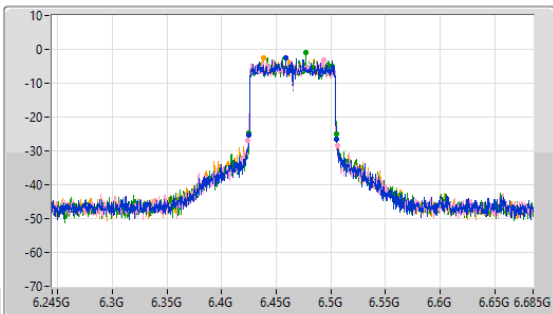
Span (Hz)
440M

RBW (Hz)
300k

VBW (Hz)
3M

Sweep Time (s)
354u

Detector Type
Peak



CF (Hz)
6.465G

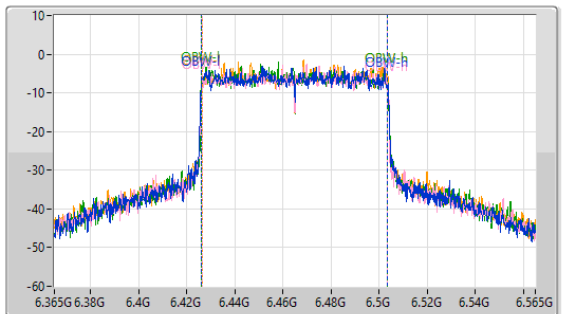
Span (Hz)
200M

RBW (Hz)
300k

VBW (Hz)
3M

Sweep Time (s)
164.6u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

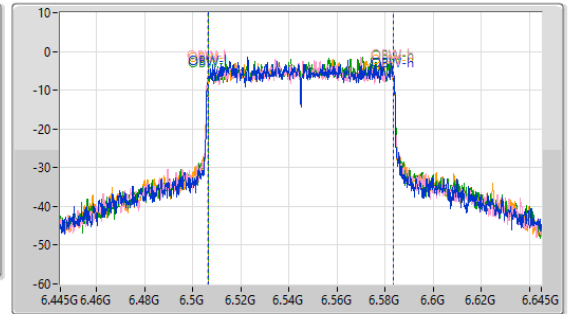
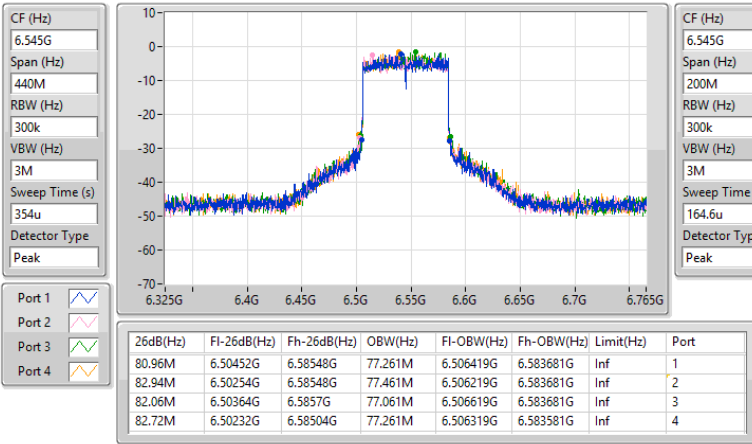
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.52M	6.42496G	6.50548G	77.361M	6.426219G	6.503581G	Inf	1
81.84M	6.42408G	6.50592G	77.261M	6.426319G	6.503581G	Inf	2
80.08M	6.42518G	6.50526G	77.361M	6.426219G	6.503581G	Inf	3
81.18M	6.42518G	6.50636G	77.261M	6.426419G	6.503681G	Inf	4

6.425-6.525GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

6545MHz

31/01/2024

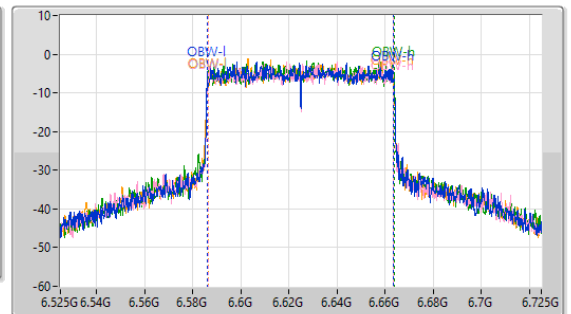
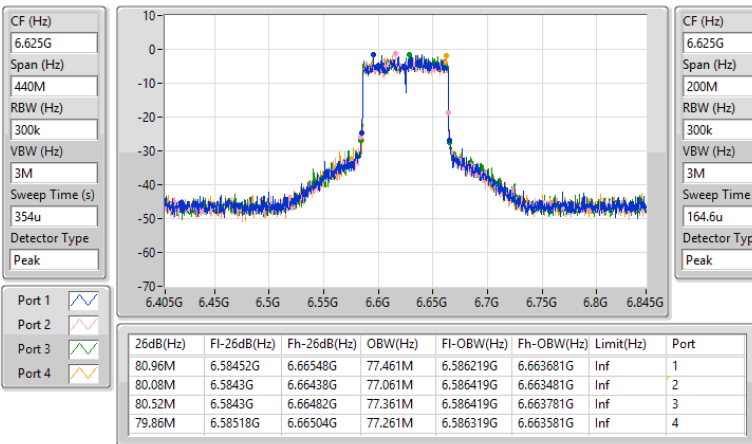


6.525-6.875GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

6625MHz

31/01/2024



6.525-6.875GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

6705MHz

31/01/2024

CF (Hz)
6.705G

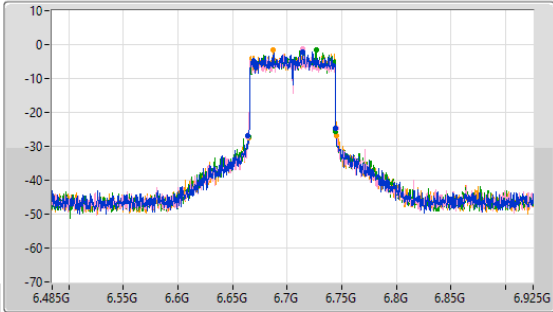
Span (Hz)
440M

RBW (Hz)
300k

VBW (Hz)
3M

Sweep Time (s)
354u

Detector Type
Peak



CF (Hz)
6.705G

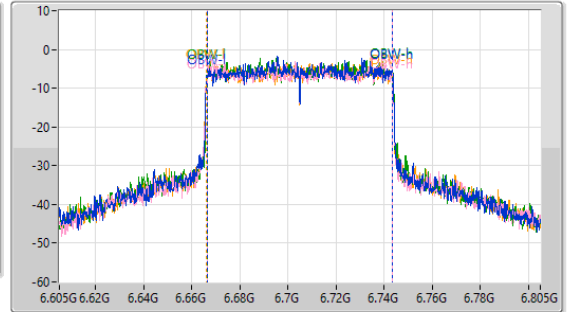
Span (Hz)
200M

RBW (Hz)
300k

VBW (Hz)
3M

Sweep Time (s)
164.6u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.52M	6.66408G	6.7446G	77.261M	6.666319G	6.743581G	Inf	1
81.4M	6.66408G	6.74548G	77.161M	6.666319G	6.743481G	Inf	2
80.08M	6.66452G	6.7446G	77.361M	6.666319G	6.743681G	Inf	3
80.52M	6.66474G	6.74526G	77.361M	6.666219G	6.743581G	Inf	4

6.525-6.875GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

6785MHz

31/01/2024

CF (Hz)
6.785G

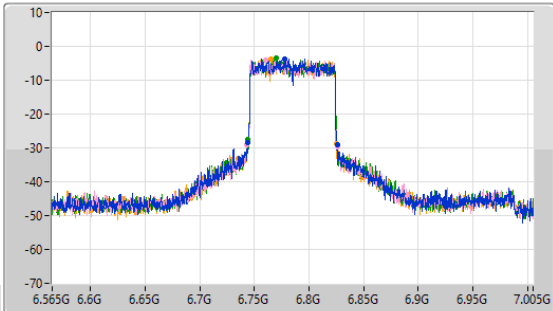
Span (Hz)
440M

RBW (Hz)
300k

VBW (Hz)
3M

Sweep Time (s)
828u

Detector Type
Peak



CF (Hz)
6.785G

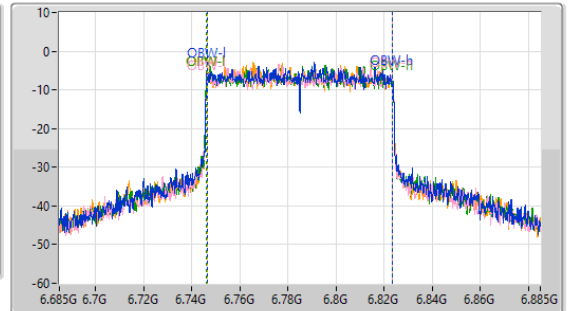
Span (Hz)
200M

RBW (Hz)
300k

VBW (Hz)
3M

Sweep Time (s)
164.6u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.4M	6.7443G	6.8257G	77.361M	6.746319G	6.823681G	Inf	1
82.94M	6.7432G	6.82614G	77.361M	6.746319G	6.823681G	Inf	2
81.62M	6.74408G	6.8257G	77.361M	6.746219G	6.823581G	Inf	3
80.96M	6.74386G	6.82482G	77.261M	6.746319G	6.823581G	Inf	4

6.525-6.875GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

6865MHz

31/01/2024

CF (Hz)
6.865G

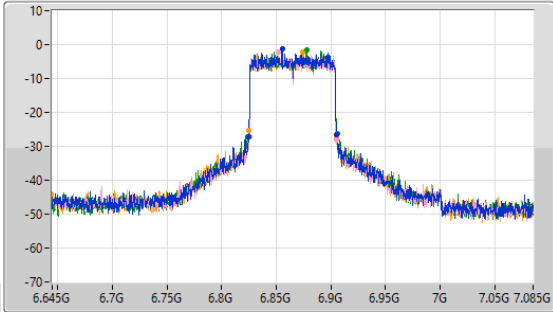
Span (Hz)
440M

RBW (Hz)
300k

VBW (Hz)
3M

Sweep Time (s)
828u

Detector Type
Peak



CF (Hz)
6.865G

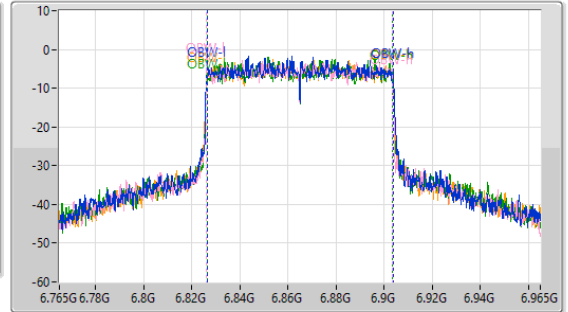
Span (Hz)
200M

RBW (Hz)
300k

VBW (Hz)
3M

Sweep Time (s)
164.6u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.52M	6.82474G	6.90526G	77.461M	6.826319G	6.903781G	Inf	1
79.86M	6.8254G	6.90526G	77.361M	6.826219G	6.903581G	Inf	2
82.06M	6.82386G	6.90592G	77.161M	6.826519G	6.903681G	Inf	3
80.52M	6.82474G	6.90526G	77.261M	6.826419G	6.903681G	Inf	4

6.875-7.125GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

6945MHz

31/01/2024

CF (Hz)
6.945G

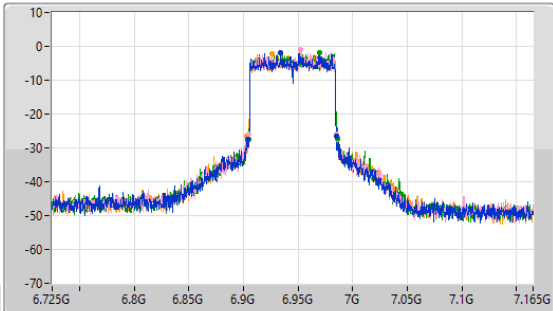
Span (Hz)
440M

RBW (Hz)
300k

VBW (Hz)
3M

Sweep Time (s)
828u

Detector Type
Peak



CF (Hz)
6.945G

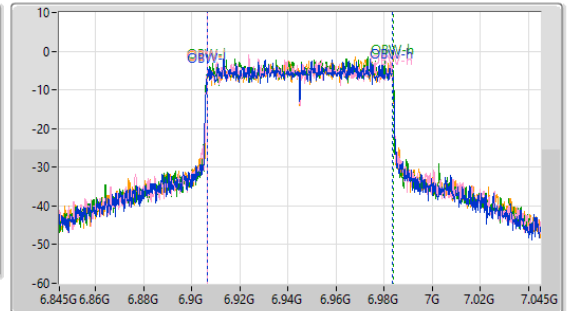
Span (Hz)
200M

RBW (Hz)
300k

VBW (Hz)
3M

Sweep Time (s)
379.9u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

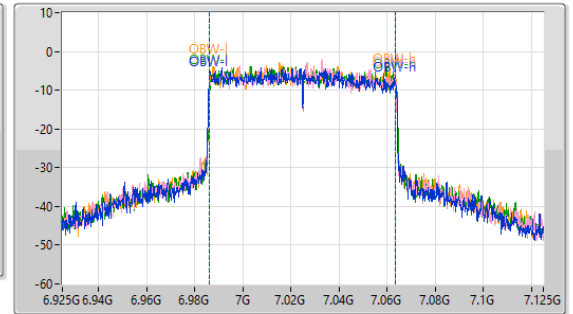
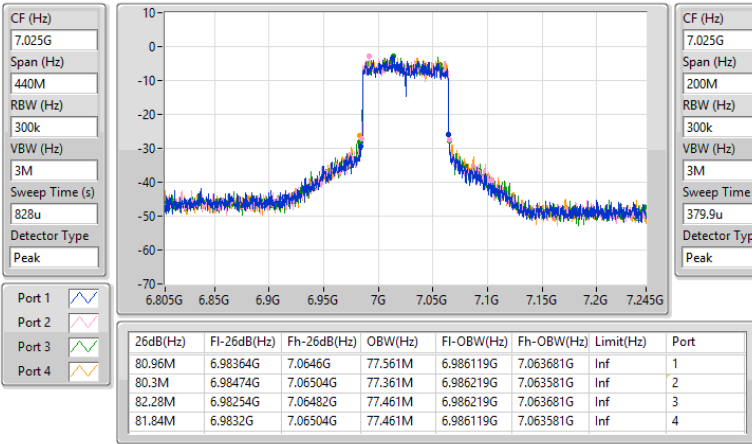
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.18M	6.90364G	6.98482G	77.261M	6.906419G	6.983681G	Inf	1
79.86M	6.90518G	6.98504G	77.261M	6.906319G	6.983581G	Inf	2
81.62M	6.90474G	6.98636G	77.461M	6.906319G	6.983781G	Inf	3
83.82M	6.90254G	6.98636G	77.161M	6.906419G	6.983581G	Inf	4

6.875-7.125GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

7025MHz

31/01/2024

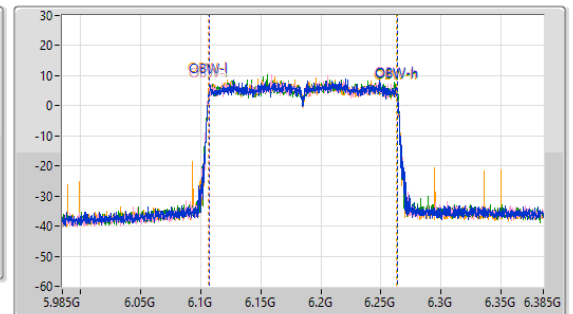
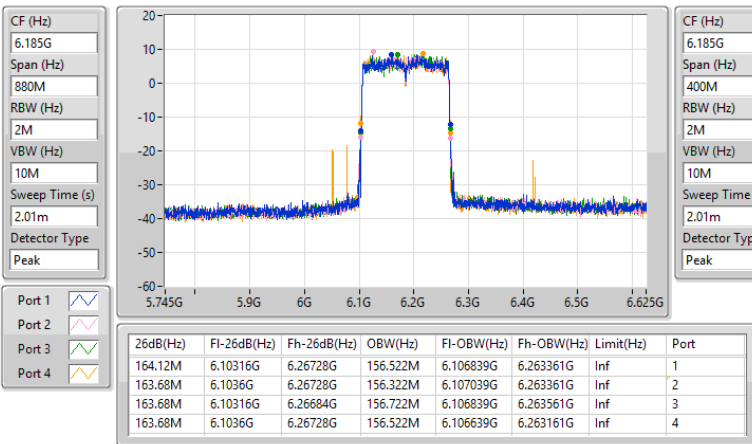


5.925-6.425GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX

EBW

6185MHz

31/01/2024



5.925-6.425GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX

EBW

6345MHz

31/01/2024

CF (Hz)
6.345G

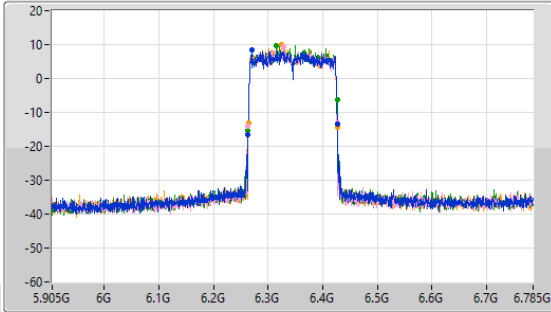
Span (Hz)
800M

RBW (Hz)
2M

VBW (Hz)
10M

Sweep Time (s)
2.01m

Detector Type
Peak



CF (Hz)
6.345G

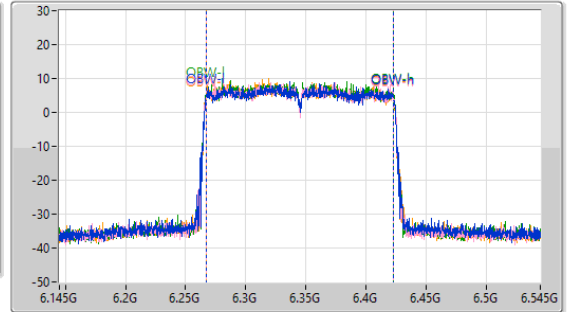
Span (Hz)
400M

RBW (Hz)
2M

VBW (Hz)
10M

Sweep Time (s)
2.01m

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
163.68M	6.26272G	6.4264G	156.322M	6.266839G	6.423161G	Inf	1
163.24M	6.26396G	6.42684G	156.322M	6.266839G	6.423161G	Inf	2
162.8M	6.26396G	6.4264G	156.322M	6.266839G	6.423161G	Inf	3
163.24M	6.26404G	6.42728G	156.322M	6.266839G	6.423161G	Inf	4

6.425-6.525GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX

EBW

6505MHz

31/01/2024

CF (Hz)
6.505G

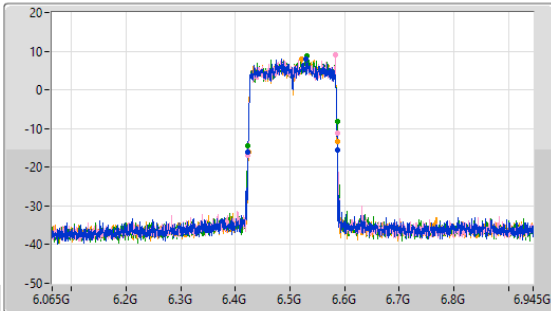
Span (Hz)
800M

RBW (Hz)
2M

VBW (Hz)
10M

Sweep Time (s)
2.01m

Detector Type
Peak



CF (Hz)
6.505G

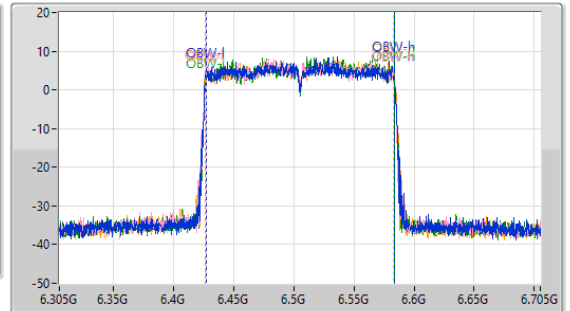
Span (Hz)
400M

RBW (Hz)
2M

VBW (Hz)
10M

Sweep Time (s)
2.01m

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

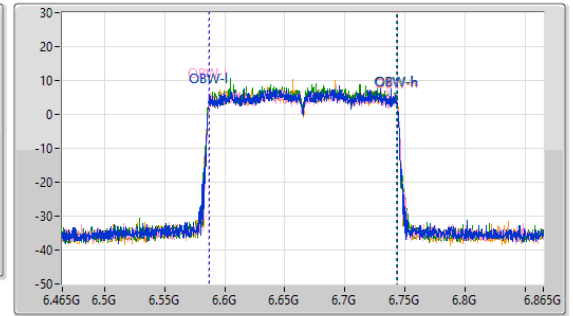
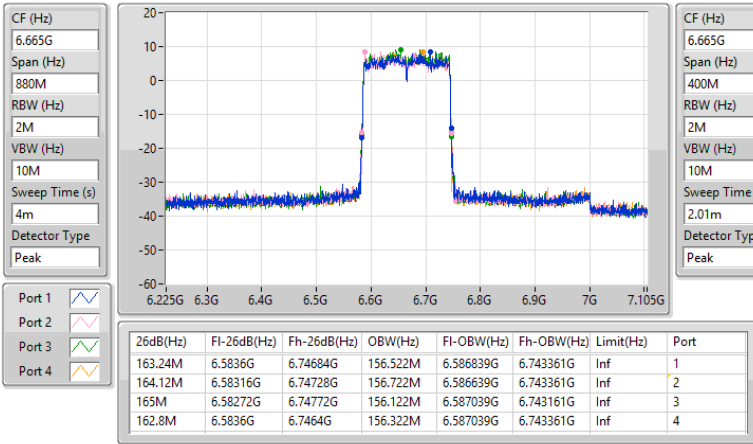
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.12M	6.42316G	6.58728G	156.522M	6.426839G	6.583361G	Inf	1
162.8M	6.42396G	6.5864G	156.122M	6.427039G	6.583161G	Inf	2
162.8M	6.42396G	6.5864G	156.522M	6.426839G	6.583361G	Inf	3
162.8M	6.42404G	6.58684G	156.722M	6.426639G	6.583361G	Inf	4

6.525-6.875GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX

EBW

6665MHz

31/01/2024

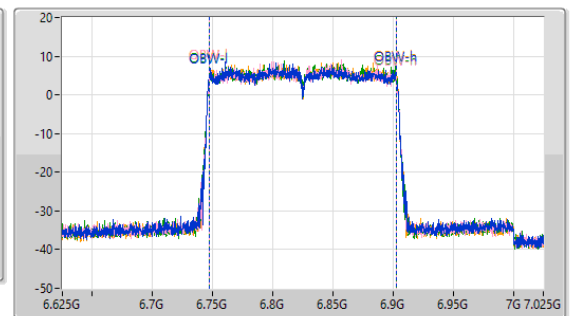
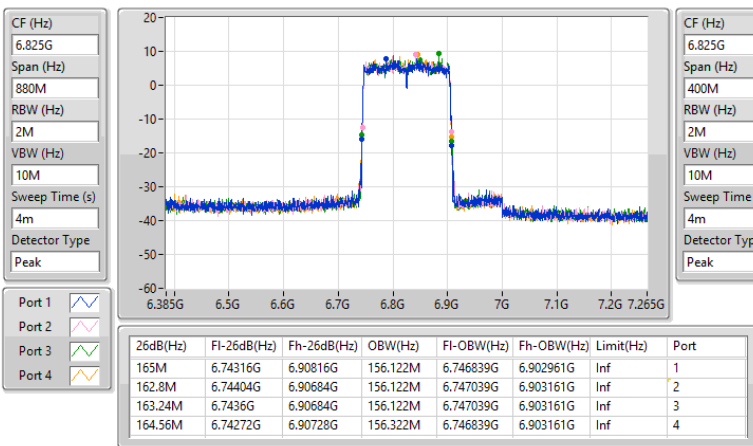


6.525-6.875GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX

EBW

6825MHz

31/01/2024

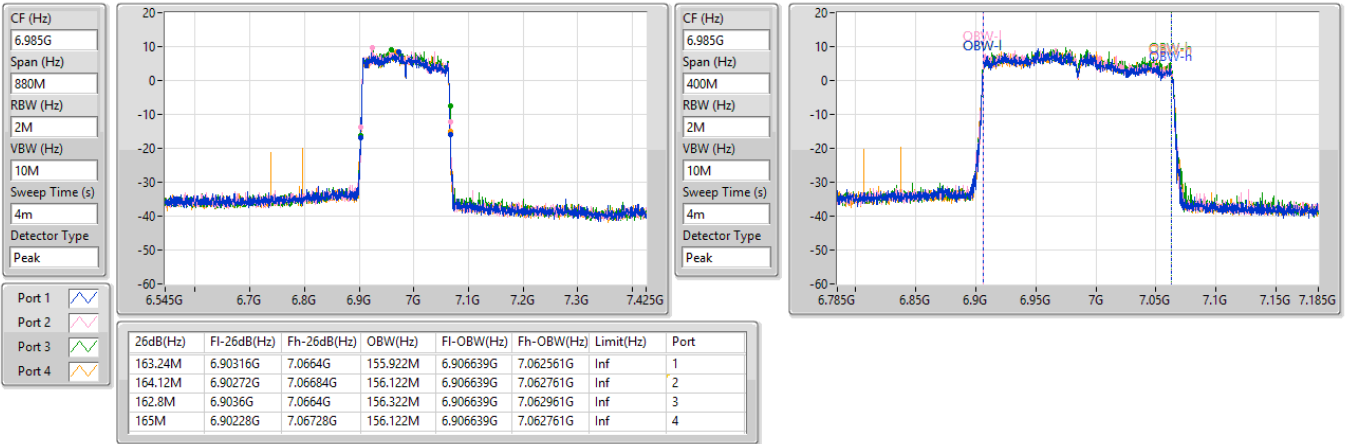


6.875-7.125GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX

EBW

6985MHz

31/01/2024

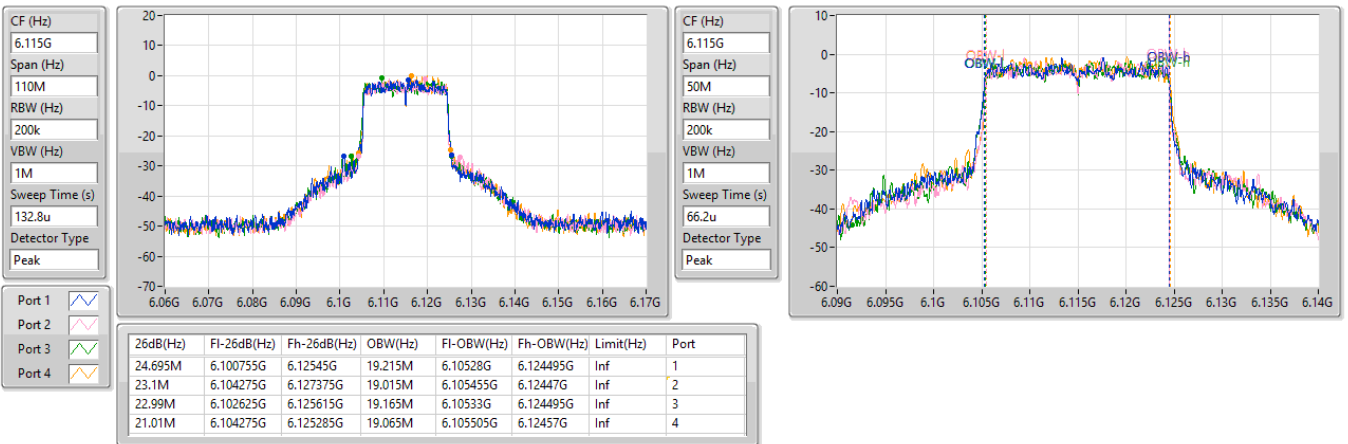


5.925-6.425GHz_802.11ax HEW20-BF_Nss2,(MCS0)_4TX

EBW

6115MHz

31/01/2024



5.925-6.425GHz_802.11ax HEW20-BF_Nss2,(MCS0)_4TX

EBW

6195MHz

31/01/2024

CF (Hz)
6.195G

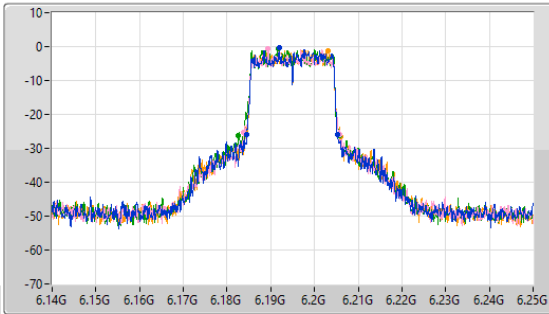
Span (Hz)
110M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
132.8u

Detector Type
Peak



CF (Hz)
6.195G

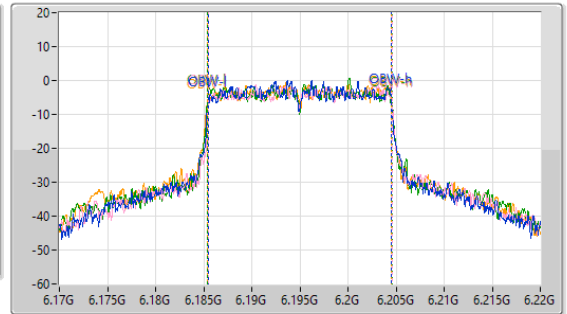
Span (Hz)
50M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
66.2u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.68M	6.184495G	6.205175G	18.991M	6.185505G	6.204495G	Inf	1
21.945M	6.183835G	6.20578G	19.065M	6.185505G	6.20457G	Inf	2
23.155M	6.182625G	6.20578G	19.165M	6.185405G	6.20457G	Inf	3
21.725M	6.184165G	6.20589G	19.165M	6.185355G	6.20452G	Inf	4

5.925-6.425GHz_802.11ax HEW20-BF_Nss2,(MCS0)_4TX

EBW

6415MHz

31/01/2024

CF (Hz)
6.415G

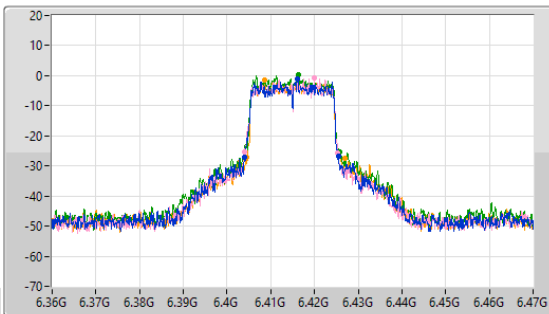
Span (Hz)
110M

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
88.5u

Detector Type
Peak



CF (Hz)
6.415G

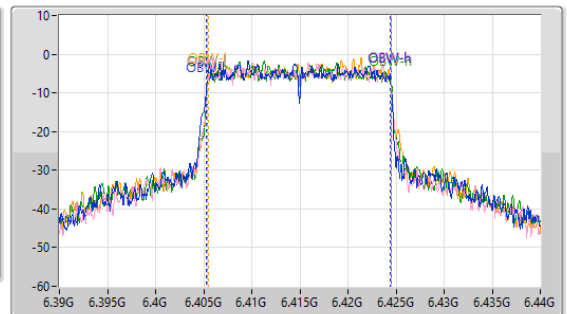
Span (Hz)
50M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
66.2u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

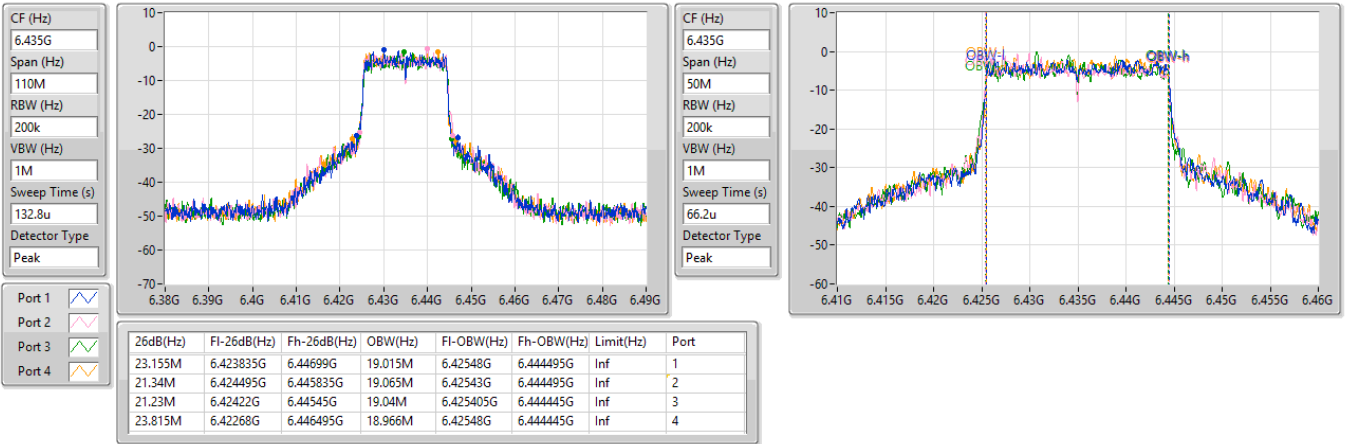
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.505M	6.404055G	6.42556G	19.165M	6.40528G	6.424445G	Inf	1
21.395M	6.403945G	6.42534G	19.04M	6.40543G	6.42447G	Inf	2
21.78M	6.403945G	6.425725G	19.065M	6.40543G	6.424495G	Inf	3
22.495M	6.404385G	6.42688G	19.015M	6.405455G	6.42447G	Inf	4

6.425-6.525GHz_802.11ax HEW20-BF_Nss2,(MCS0)_4TX

EBW

6435MHz

31/01/2024

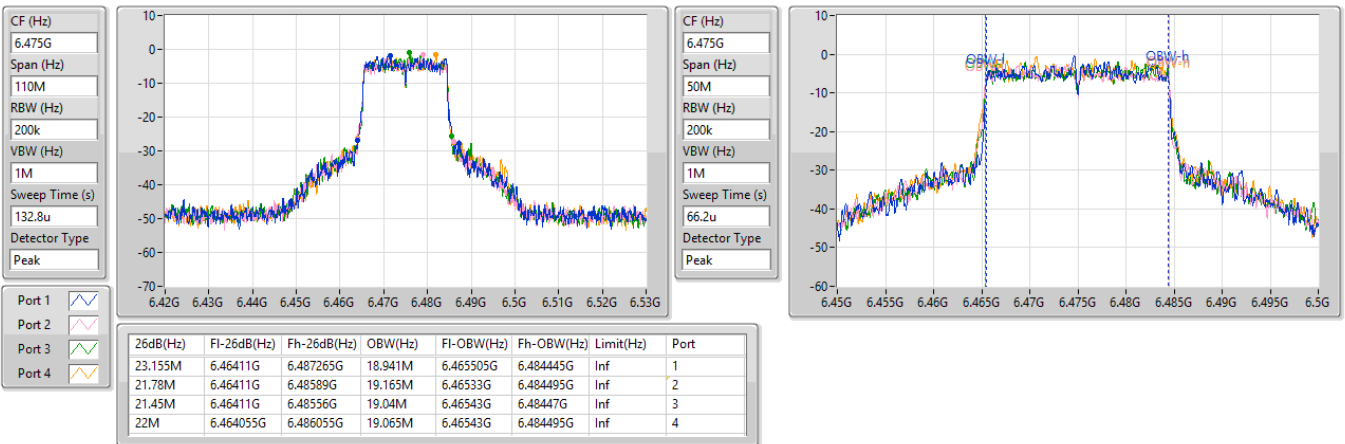


6.425-6.525GHz_802.11ax HEW20-BF_Nss2,(MCS0)_4TX

EBW

6475MHz

31/01/2024



6.425-6.525GHz_802.11ax HEW20-BF_Nss2,(MCS0)_4TX

EBW

6515MHz

31/01/2024

CF (Hz)
6.515G

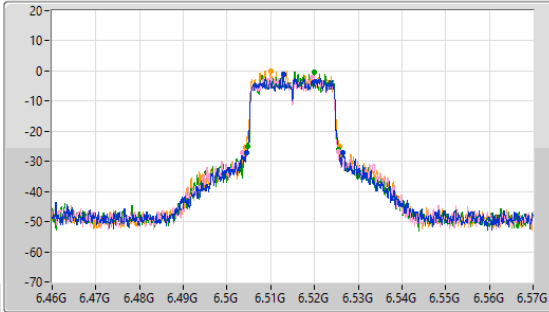
Span (Hz)
110M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
132.8u

Detector Type
Peak



CF (Hz)
6.515G

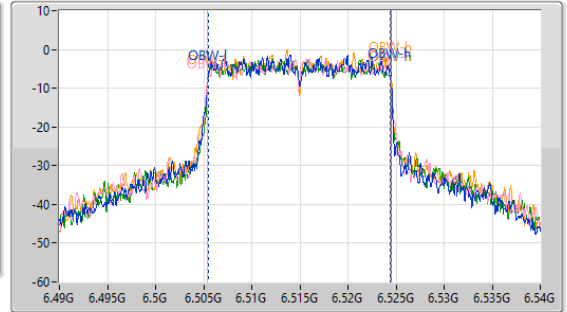
Span (Hz)
50M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
66.2u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.055M	6.50444G	6.526495G	18.966M	6.505455G	6.52442G	Inf	1
21.945M	6.503505G	6.52545G	19.065M	6.50538G	6.524445G	Inf	2
20.845M	6.50466G	6.525505G	18.991M	6.50548G	6.52447G	Inf	3
21.395M	6.50433G	6.525725G	19.065M	6.505405G	6.52447G	Inf	4

6.525-6.875GHz_802.11ax HEW20-BF_Nss2,(MCS0)_4TX

EBW

6535MHz

31/01/2024

CF (Hz)
6.535G

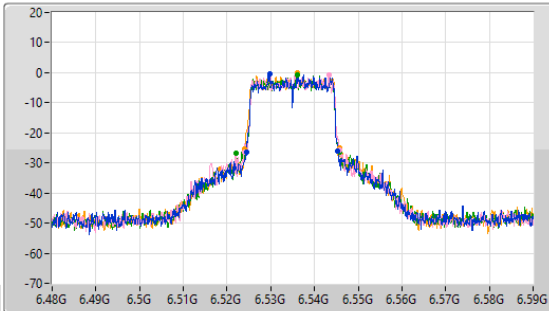
Span (Hz)
110M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
132.8u

Detector Type
Peak



CF (Hz)
6.535G

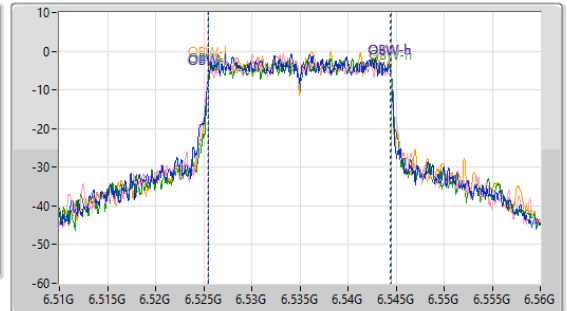
Span (Hz)
50M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
66.2u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

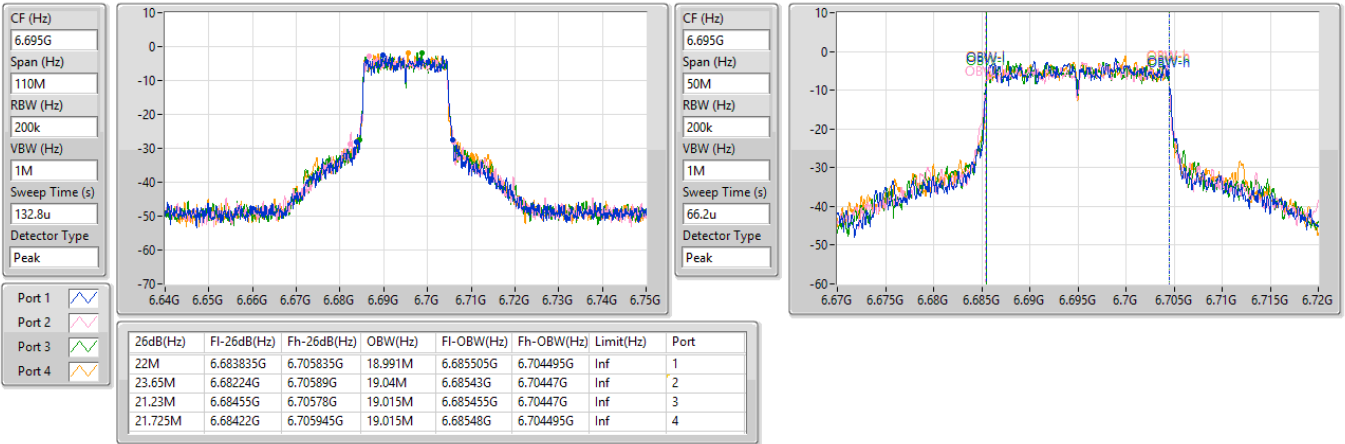
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.955M	6.52444G	6.545395G	18.991M	6.525455G	6.544445G	Inf	1
21.78M	6.52389G	6.54567G	19.115M	6.52538G	6.544495G	Inf	2
23.76M	6.522075G	6.545835G	19.04M	6.52548G	6.54452G	Inf	3
21.615M	6.52411G	6.545725G	19.015M	6.525455G	6.54447G	Inf	4

6.525-6.875GHz_802.11ax HEW20-BF_Nss2,(MCS0)_4TX

EBW

6695MHz

31/01/2024

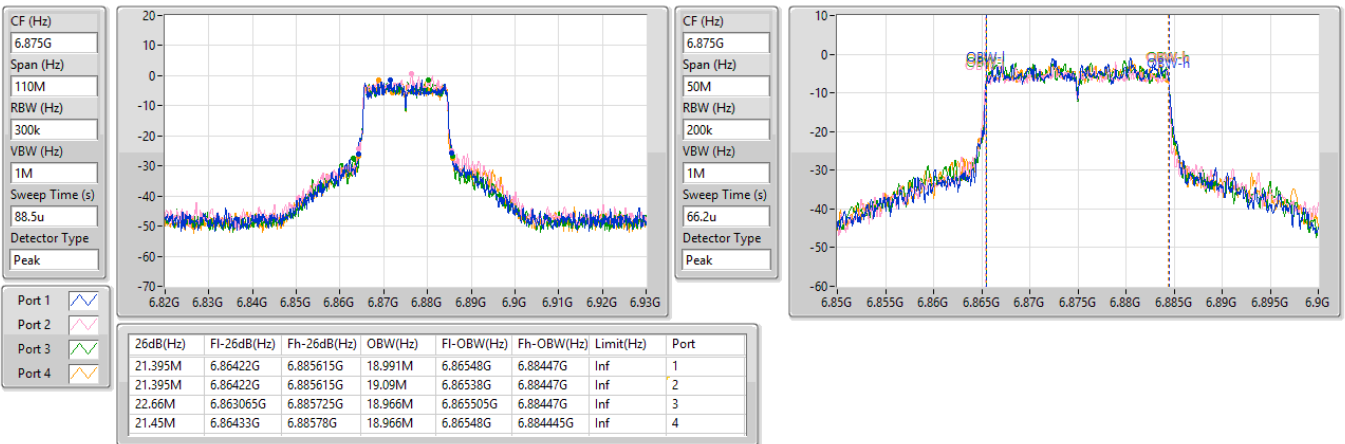


6.525-6.875GHz_802.11ax HEW20-BF_Nss2,(MCS0)_4TX

EBW

6875MHz

31/01/2024



6.875-7.125GHz_802.11ax HEW20-BF_Nss2,(MCS0)_4TX

EBW

6895MHz

31/01/2024

CF (Hz)
6.895G

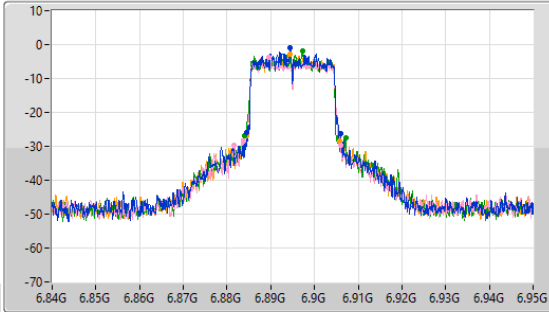
Span (Hz)
110M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
132.8u

Detector Type
Peak



CF (Hz)
6.895G

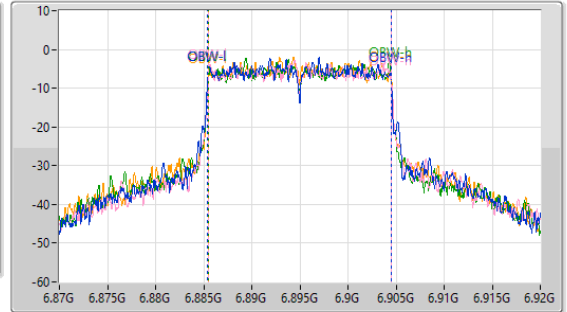
Span (Hz)
50M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
66.2u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.505M	6.884495G	6.906G	19.065M	6.88543G	6.904495G	Inf	1
24.31M	6.88169G	6.906G	19.065M	6.885455G	6.90452G	Inf	2
23.1M	6.884G	6.9071G	19.015M	6.885455G	6.90447G	Inf	3
21.285M	6.884385G	6.90567G	19.015M	6.885505G	6.90452G	Inf	4

6.875-7.125GHz_802.11ax HEW20-BF_Nss2,(MCS0)_4TX

EBW

6995MHz

31/01/2024

CF (Hz)
6.995G

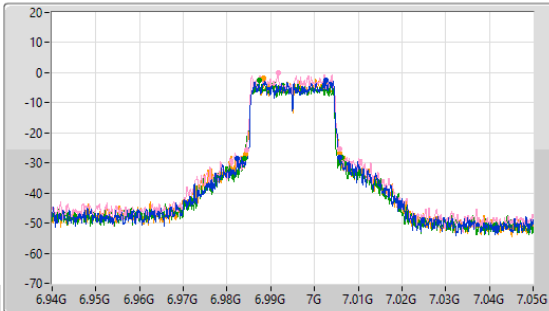
Span (Hz)
110M

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
206.4u

Detector Type
Peak



CF (Hz)
6.995G

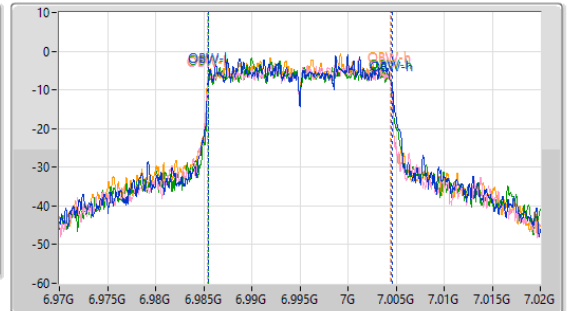
Span (Hz)
50M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
133.5u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.32M	6.982405G	7.005725G	19.14M	6.98548G	7.00462G	Inf	1
21.285M	6.98444G	7.005725G	19.015M	6.98543G	7.004445G	Inf	2
22.165M	6.98411G	7.006275G	19.015M	6.98548G	7.004495G	Inf	3
21.615M	6.98422G	7.005835G	19.015M	6.98543G	7.004445G	Inf	4

6.875-7.125GHz_802.11ax HEW20-BF_Nss2,(MCS0)_4TX

EBW

7055MHz

31/01/2024

CF (Hz)
7.055G

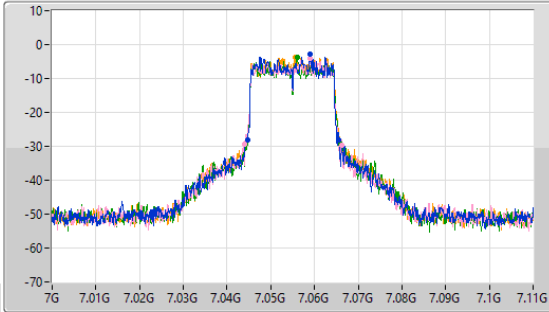
Span (Hz)
110M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
284.6u

Detector Type
Peak



CF (Hz)
7.055G

Span (Hz)
50M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
133.5u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.955M	7.04466G	7.065615G	19.04M	7.04543G	7.06447G	Inf	1
22.165M	7.04411G	7.066275G	19.09M	7.045405G	7.064495G	Inf	2
21.67M	7.04422G	7.06589G	18.941M	7.04548G	7.06442G	Inf	3
22.11M	7.044165G	7.066275G	19.04M	7.04548G	7.06452G	Inf	4

5.925-6.425GHz_802.11ax HEW40-BF_Nss2,(MCS0)_4TX

EBW

6125MHz

31/01/2024

CF (Hz)
6.125G

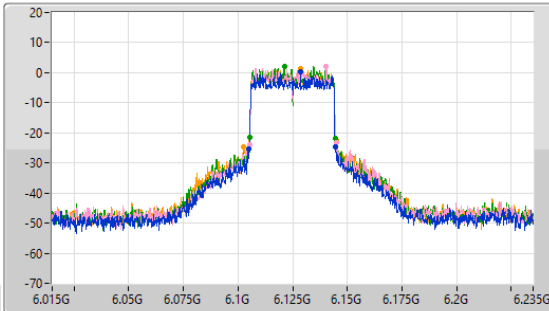
Span (Hz)
220M

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
177.6u

Detector Type
Peak



CF (Hz)
6.125G

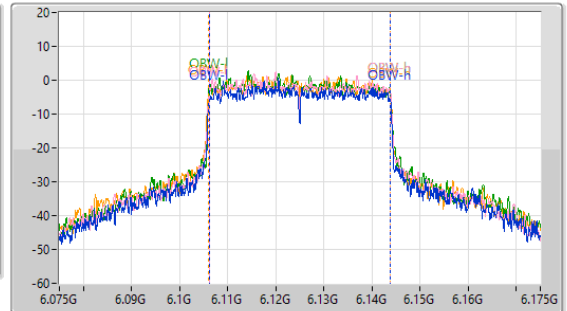
Span (Hz)
100M

RBW (Hz)
300k

VBW (Hz)
2M

Sweep Time (s)
82.3u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.71M	6.10498G	6.14469G	37.631M	6.106159G	6.143791G	Inf	1
39.71M	6.1052G	6.14491G	37.681M	6.106159G	6.143841G	Inf	2
39.49M	6.10531G	6.1448G	37.681M	6.106109G	6.143791G	Inf	3
42.46M	6.10245G	6.14491G	37.781M	6.106009G	6.143791G	Inf	4

5.925-6.425GHz_802.11ax HEW40-BF_Nss2,(MCS0)_4TX

EBW

6205MHz

31/01/2024

CF (Hz)
6.205G

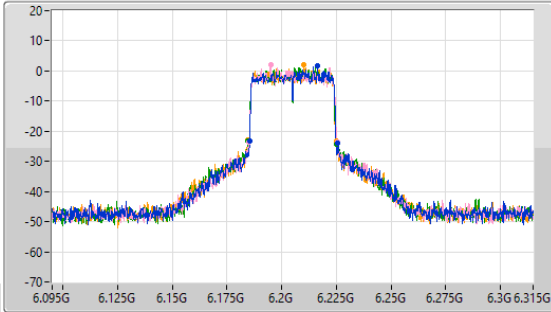
Span (Hz)
220M

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
177.6u

Detector Type
Peak



CF (Hz)
6.205G

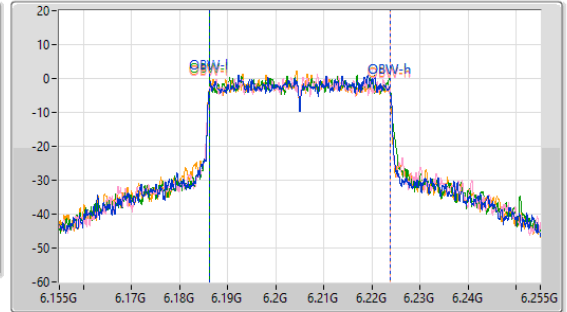
Span (Hz)
100M

RBW (Hz)
300k

VBW (Hz)
2M

Sweep Time (s)
82.3u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.37M	6.18531G	6.22568G	37.681M	6.186159G	6.223841G	Inf	1
40.7M	6.18509G	6.22579G	37.681M	6.186159G	6.223841G	Inf	2
40.37M	6.18454G	6.22491G	37.681M	6.186209G	6.223891G	Inf	3
40.81M	6.18432G	6.22513G	37.681M	6.186109G	6.223791G	Inf	4

5.925-6.425GHz_802.11ax HEW40-BF_Nss2,(MCS0)_4TX

EBW

6405MHz

31/01/2024

CF (Hz)
6.405G

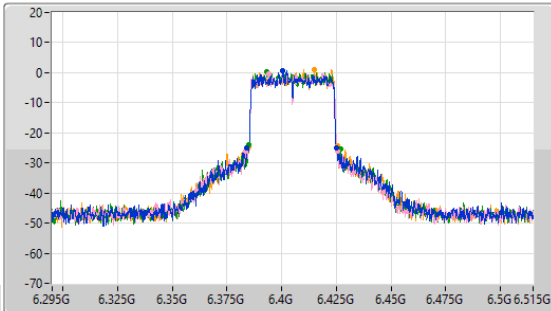
Span (Hz)
220M

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
177.6u

Detector Type
Peak



CF (Hz)
6.405G

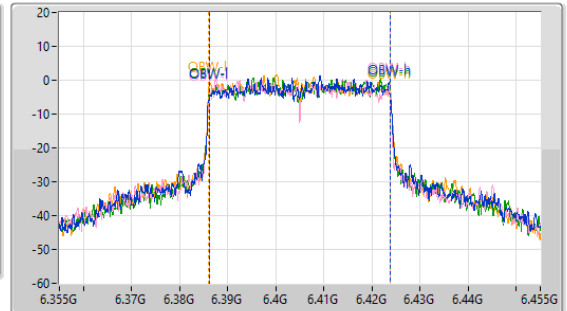
Span (Hz)
100M

RBW (Hz)
300k

VBW (Hz)
2M

Sweep Time (s)
82.3u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.25M	6.38399G	6.42524G	37.631M	6.386159G	6.423791G	Inf	1
42.02M	6.38355G	6.42557G	37.681M	6.386159G	6.423841G	Inf	2
41.69M	6.38509G	6.42678G	37.681M	6.386109G	6.423791G	Inf	3
40.48M	6.38487G	6.42535G	37.781M	6.386059G	6.423841G	Inf	4

6.425-6.525GHz_802.11ax HEW40-BF_Nss2,(MCS0)_4TX

EBW

6445MHz

31/01/2024

CF (Hz)
6.445G

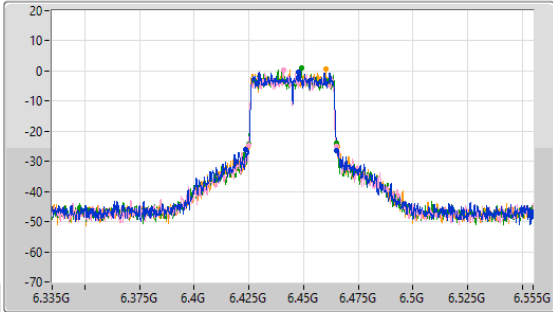
Span (Hz)
220M

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
177.6u

Detector Type
Peak



CF (Hz)
6.445G

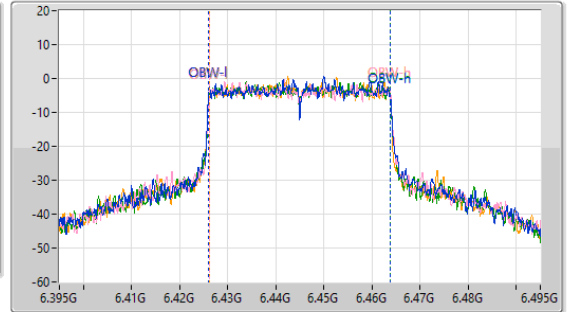
Span (Hz)
100M

RBW (Hz)
300k

VBW (Hz)
2M

Sweep Time (s)
82.3u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.8M	6.42344G	6.46524G	37.731M	6.426059G	6.463791G	Inf	1
40.26M	6.42487G	6.46513G	37.781M	6.426109G	6.463891G	Inf	2
40.37M	6.42476G	6.46513G	37.681M	6.426109G	6.463791G	Inf	3
41.14M	6.42432G	6.46546G	37.581M	6.426159G	6.463741G	Inf	4

6.425-6.525GHz_802.11ax HEW40-BF_Nss2,(MCS0)_4TX

EBW

6485MHz

31/01/2024

CF (Hz)
6.485G

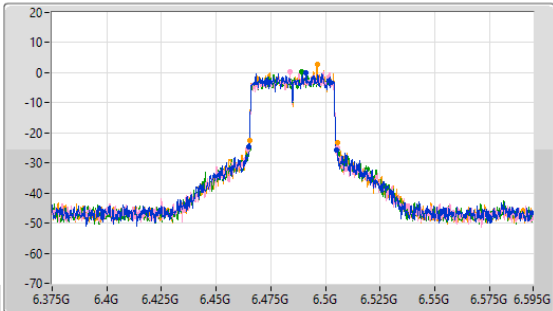
Span (Hz)
220M

RBW (Hz)
300k

VBW (Hz)
2M

Sweep Time (s)
177.6u

Detector Type
Peak



CF (Hz)
6.485G

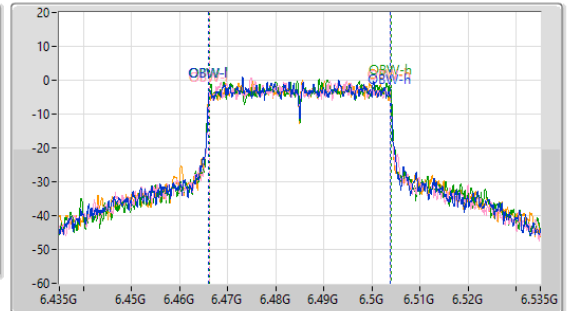
Span (Hz)
100M

RBW (Hz)
300k

VBW (Hz)
2M

Sweep Time (s)
82.3u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	6.46498G	6.50524G	37.731M	6.466059G	6.503791G	Inf	1
40.92M	6.46465G	6.50557G	37.581M	6.466209G	6.503791G	Inf	2
40.48M	6.46498G	6.50546G	37.831M	6.466109G	6.503941G	Inf	3
40.26M	6.46531G	6.50557G	37.731M	6.466109G	6.503841G	Inf	4

6.425-6.525GHz_802.11ax HEW40-BF_Nss2,(MCS0)_4TX

EBW

6525MHz

31/01/2024

CF (Hz)
6.525G

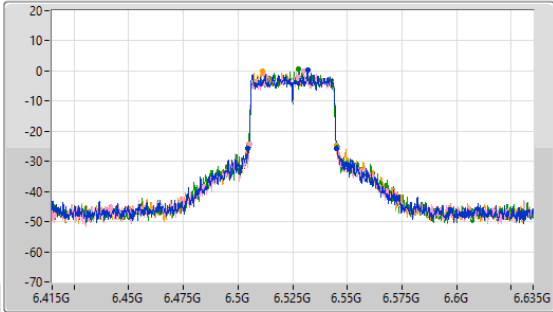
Span (Hz)
220M

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
177.6u

Detector Type
Peak



CF (Hz)
6.525G

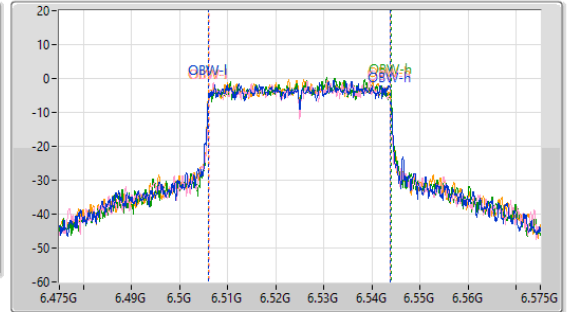
Span (Hz)
100M

RBW (Hz)
300k

VBW (Hz)
2M

Sweep Time (s)
82.3u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.92M	6.50432G	6.54524G	37.781M	6.506059G	6.543841G	Inf	1
40.59M	6.5052G	6.54579G	37.681M	6.506159G	6.543841G	Inf	2
40.81M	6.50498G	6.54579G	37.881M	6.506059G	6.543941G	Inf	3
40.37M	6.50476G	6.54513G	37.731M	6.506059G	6.543791G	Inf	4

6.525-6.875GHz_802.11ax HEW40-BF_Nss2,(MCS0)_4TX

EBW

6565MHz

31/01/2024

CF (Hz)
6.565G

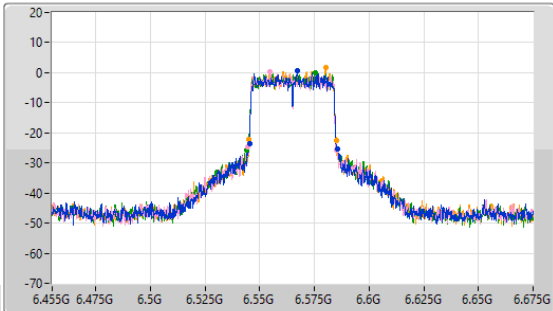
Span (Hz)
220M

RBW (Hz)
300k

VBW (Hz)
2M

Sweep Time (s)
177.6u

Detector Type
Peak



CF (Hz)
6.565G

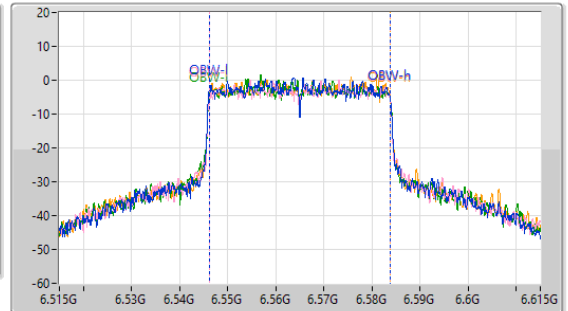
Span (Hz)
100M

RBW (Hz)
300k

VBW (Hz)
2M

Sweep Time (s)
82.3u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

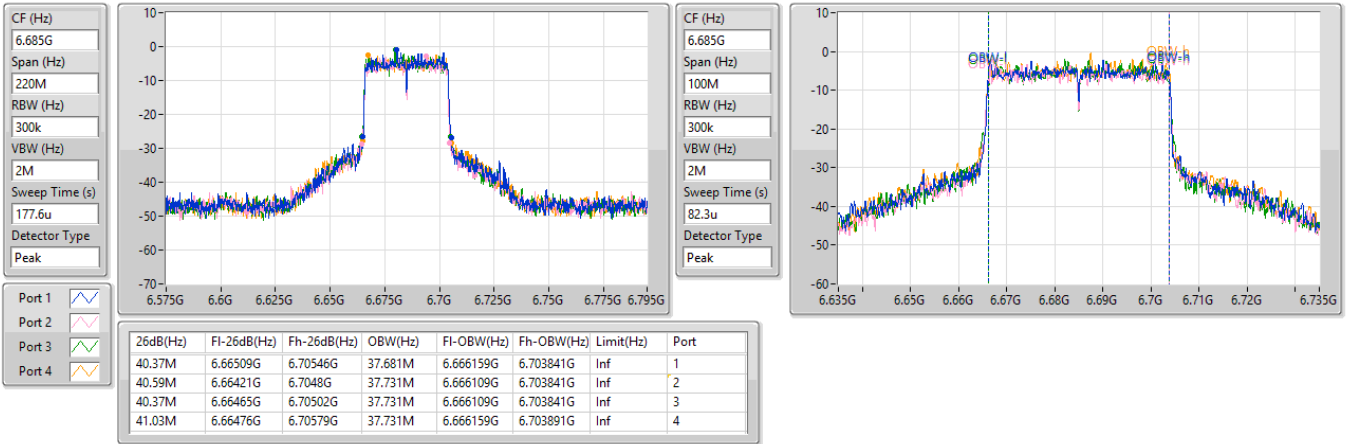
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.48M	6.5452G	6.58568G	37.631M	6.546109G	6.583741G	Inf	1
40.92M	6.54432G	6.58524G	37.681M	6.546109G	6.583791G	Inf	2
41.25M	6.54399G	6.58524G	37.631M	6.546159G	6.583791G	Inf	3
40.04M	6.54498G	6.58502G	37.631M	6.546109G	6.583741G	Inf	4

6.525-6.875GHz_802.11ax HEW40-BF_Nss2,(MCS0)_4TX

EBW

6685MHz

31/01/2024

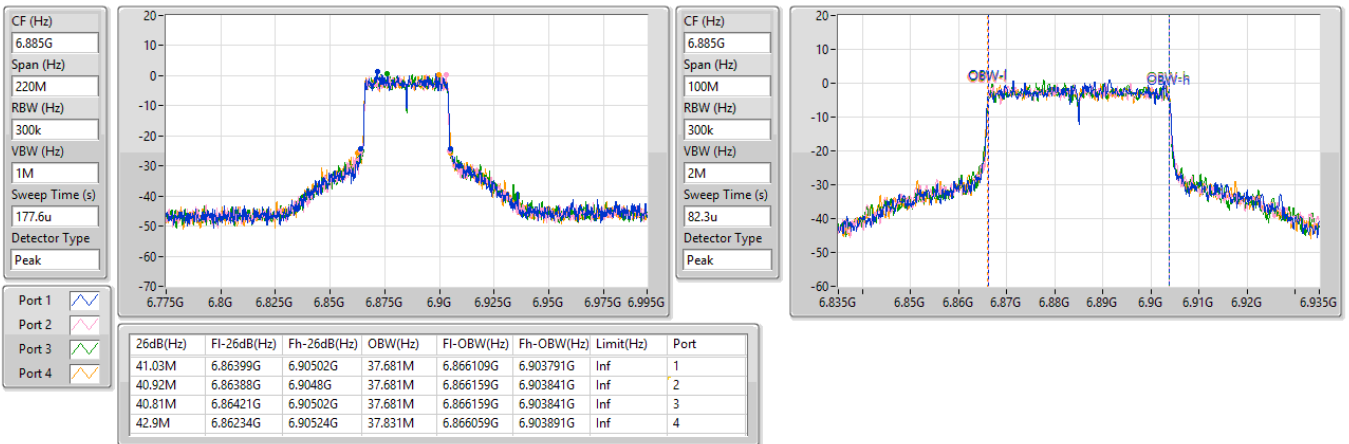


6.525-6.875GHz_802.11ax HEW40-BF_Nss2,(MCS0)_4TX

EBW

6885MHz

31/01/2024



6.875-7.125GHz_802.11ax HEW40-BF_Nss2,(MCS0)_4TX

EBW

6925MHz

31/01/2024

CF (Hz)
6.925G

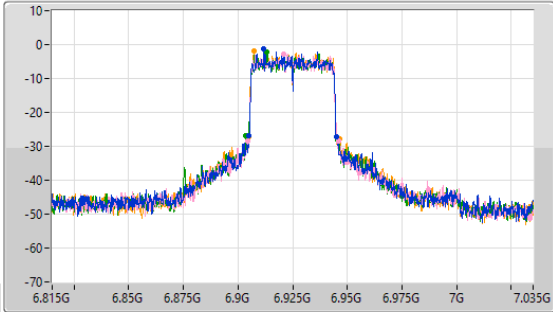
Span (Hz)
220M

RBW (Hz)
300k

VBW (Hz)
2M

Sweep Time (s)
415.1u

Detector Type
Peak



CF (Hz)
6.925G

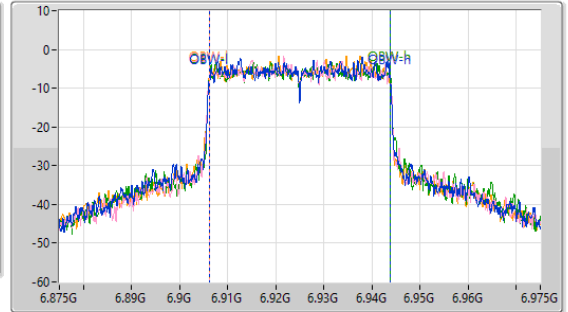
Span (Hz)
100M

RBW (Hz)
300k

VBW (Hz)
2M

Sweep Time (s)
82.3u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.15M	6.90509G	6.94524G	37.581M	6.906159G	6.943741G	Inf	1
41.69M	6.90443G	6.94612G	37.681M	6.906159G	6.943841G	Inf	2
41.69M	6.90366G	6.94535G	37.731M	6.906159G	6.943891G	Inf	3
41.47M	6.90509G	6.94656G	37.681M	6.906109G	6.943791G	Inf	4

6.875-7.125GHz_802.11ax HEW40-BF_Nss2,(MCS0)_4TX

EBW

7005MHz

31/01/2024

CF (Hz)
7.005G

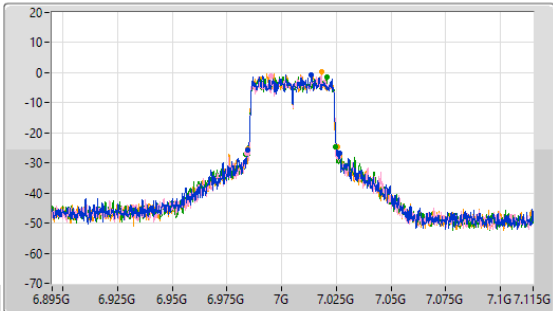
Span (Hz)
220M

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
415.1u

Detector Type
Peak



CF (Hz)
7.005G

Span (Hz)
100M

RBW (Hz)
300k

VBW (Hz)
2M

Sweep Time (s)
187.6u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.02M	6.98443G	7.02645G	37.831M	6.986009G	7.023841G	Inf	1
42.57M	6.9841G	7.02667G	37.631M	6.986109G	7.023741G	Inf	2
41.25M	6.98344G	7.02469G	37.781M	6.986109G	7.023891G	Inf	3
40.92M	6.98465G	7.02557G	37.681M	6.986159G	7.023841G	Inf	4

6.875-7.125GHz_802.11ax HEW40-BF_Nss2,(MCS0)_4TX

EBW

7045MHz

31/01/2024

CF (Hz)
7.045G

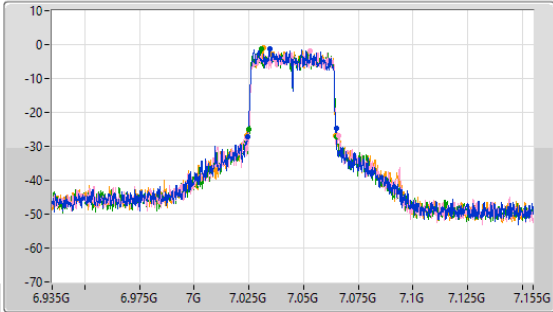
Span (Hz)
220M

RBW (Hz)
300k

VBW (Hz)
2M

Sweep Time (s)
415.1u

Detector Type
Peak



CF (Hz)
7.045G

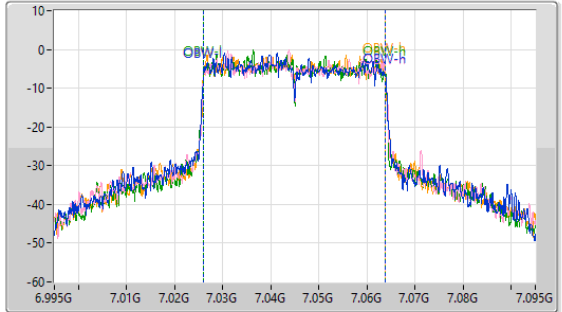
Span (Hz)
100M

RBW (Hz)
300k

VBW (Hz)
2M

Sweep Time (s)
187.6u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.48M	7.02443G	7.06491G	37.781M	7.026059G	7.063841G	Inf	1
42.46M	7.02377G	7.06623G	37.731M	7.026059G	7.063791G	Inf	2
40.37M	7.02487G	7.06524G	37.781M	7.026059G	7.063841G	Inf	3
40.81M	7.02388G	7.06469G	37.731M	7.026059G	7.063791G	Inf	4

5.925-6.425GHz_802.11ax HEW80-BF_Nss2,(MCS0)_4TX

EBW

6145MHz

31/01/2024

CF (Hz)
6.145G

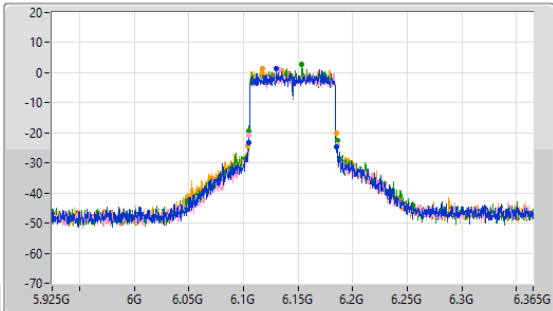
Span (Hz)
440M

RBW (Hz)
300k

VBW (Hz)
3M

Sweep Time (s)
354u

Detector Type
Peak



CF (Hz)
6.145G

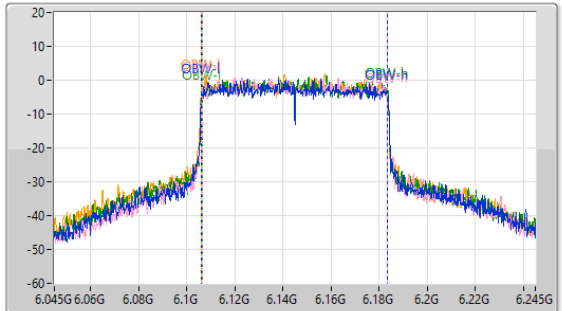
Span (Hz)
200M

RBW (Hz)
300k

VBW (Hz)
3M

Sweep Time (s)
164.6u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.74M	6.10474G	6.18548G	77.361M	6.106219G	6.183581G	Inf	1
80.52M	6.10518G	6.1857G	77.061M	6.106319G	6.183381G	Inf	2
80.52M	6.10518G	6.1857G	77.161M	6.106419G	6.183581G	Inf	3
81.18M	6.10364G	6.18482G	77.461M	6.106119G	6.183581G	Inf	4

5.925-6.425GHz_802.11ax HEW80-BF_Nss2,(MCS0)_4TX

EBW

6225MHz

31/01/2024

CF (Hz)
6.225G

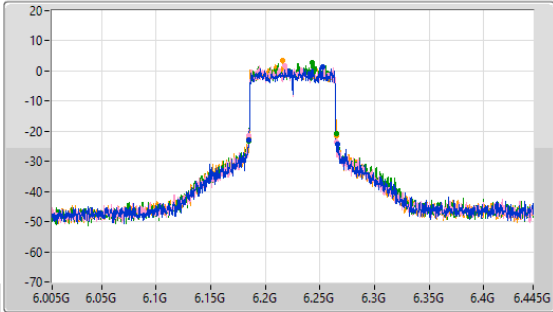
Span (Hz)
440M

RBW (Hz)
300k

VBW (Hz)
3M

Sweep Time (s)
354u

Detector Type
Peak



CF (Hz)
6.225G

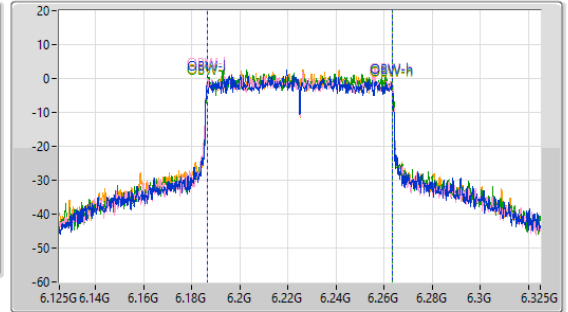
Span (Hz)
200M

RBW (Hz)
300k

VBW (Hz)
3M

Sweep Time (s)
164.6u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.4M	6.18518G	6.26658G	77.161M	6.186319G	6.263481G	Inf	1
80.08M	6.18474G	6.26482G	77.361M	6.186319G	6.263681G	Inf	2
80.08M	6.18474G	6.26482G	77.061M	6.186519G	6.263581G	Inf	3
80.08M	6.18518G	6.26526G	77.161M	6.186319G	6.263481G	Inf	4

5.925-6.425GHz_802.11ax HEW80-BF_Nss2,(MCS0)_4TX

EBW

6385MHz

31/01/2024

CF (Hz)
6.385G

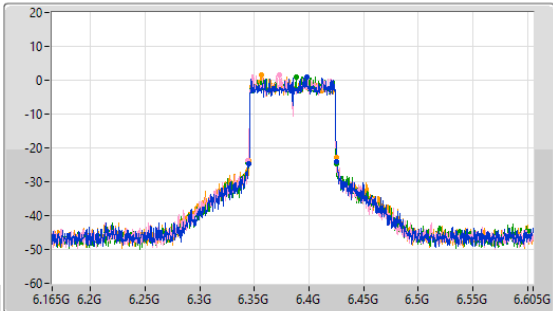
Span (Hz)
440M

RBW (Hz)
300k

VBW (Hz)
3M

Sweep Time (s)
354u

Detector Type
Peak



CF (Hz)
6.385G

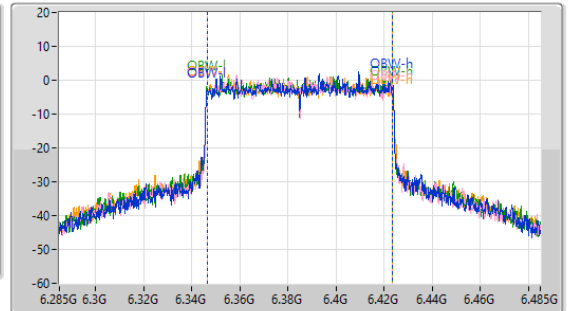
Span (Hz)
200M

RBW (Hz)
300k

VBW (Hz)
3M

Sweep Time (s)
164.6u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.74M	6.34474G	6.42548G	77.361M	6.346319G	6.423681G	Inf	1
81.18M	6.34408G	6.42526G	77.161M	6.346419G	6.423581G	Inf	2
80.74M	6.3443G	6.42504G	77.361M	6.346319G	6.423681G	Inf	3
80.52M	6.34496G	6.42548G	77.261M	6.346319G	6.423581G	Inf	4

6.425-6.525GHz_802.11ax HEW80-BF_Nss2,(MCS0)_4TX

EBW

6465MHz

31/01/2024

CF (Hz)
6.465G

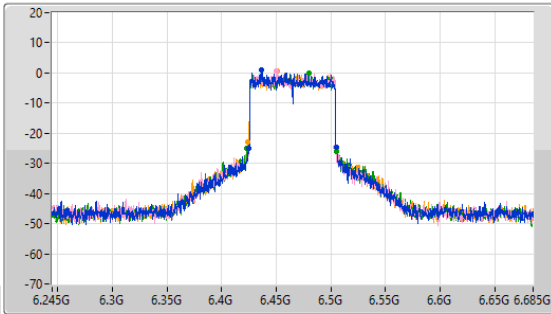
Span (Hz)
440M

RBW (Hz)
300k

VBW (Hz)
3M

Sweep Time (s)
354u

Detector Type
Peak



CF (Hz)
6.465G

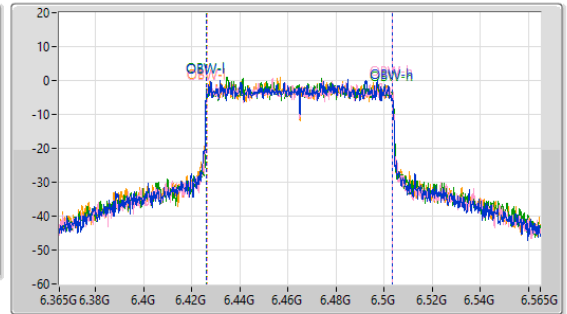
Span (Hz)
200M

RBW (Hz)
300k

VBW (Hz)
3M

Sweep Time (s)
164.6u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.3M	6.42496G	6.50526G	77.161M	6.426219G	6.503381G	Inf	1
79.64M	6.42496G	6.5046G	77.361M	6.426319G	6.503681G	Inf	2
81.84M	6.42298G	6.50482G	77.461M	6.426219G	6.503681G	Inf	3
80.52M	6.4243G	6.50482G	77.261M	6.426319G	6.503581G	Inf	4

6.425-6.525GHz_802.11ax HEW80-BF_Nss2,(MCS0)_4TX

EBW

6545MHz

31/01/2024

CF (Hz)
6.545G

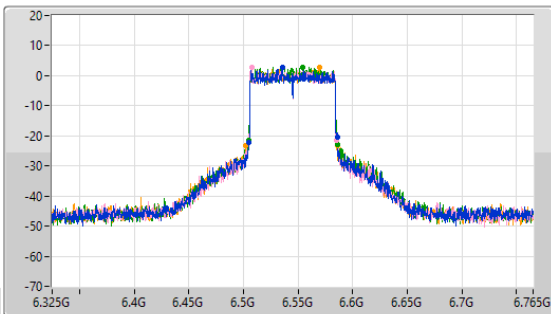
Span (Hz)
440M

RBW (Hz)
300k

VBW (Hz)
3M

Sweep Time (s)
354u

Detector Type
Peak



CF (Hz)
6.545G

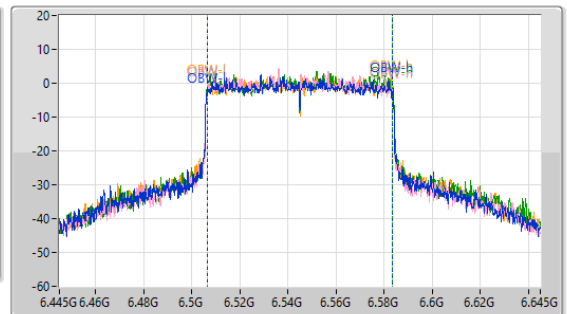
Span (Hz)
200M

RBW (Hz)
300k

VBW (Hz)
3M

Sweep Time (s)
164.6u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.96M	6.50496G	6.58592G	77.261M	6.506419G	6.583681G	Inf	1
80.52M	6.50474G	6.58526G	76.962M	6.506519G	6.583481G	Inf	2
81.4M	6.50496G	6.58636G	77.061M	6.506519G	6.583581G	Inf	3
83.82M	6.50232G	6.58614G	77.261M	6.506419G	6.583681G	Inf	4

6.525-6.875GHz_802.11ax HEW80-BF_Nss2,(MCS0)_4TX

EBW

6625MHz

31/01/2024

CF (Hz)
6.625G

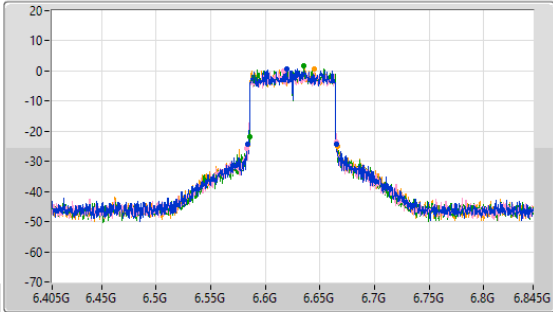
Span (Hz)
440M

RBW (Hz)
300k

VBW (Hz)
3M

Sweep Time (s)
354u

Detector Type
Peak



CF (Hz)
6.625G

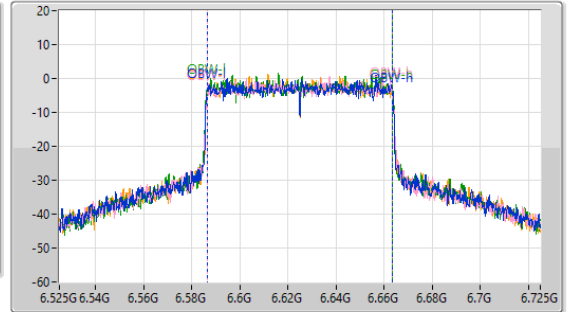
Span (Hz)
200M

RBW (Hz)
300k

VBW (Hz)
3M

Sweep Time (s)
164.6u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.62M	6.58364G	6.66526G	77.261M	6.586319G	6.663581G	Inf	1
82.5M	6.58276G	6.66526G	77.161M	6.586419G	6.663581G	Inf	2
79.42M	6.5854G	6.66482G	77.261M	6.586319G	6.663581G	Inf	3
82.06M	6.58408G	6.66614G	77.061M	6.586419G	6.663481G	Inf	4

6.525-6.875GHz_802.11ax HEW80-BF_Nss2,(MCS0)_4TX

EBW

6705MHz

31/01/2024

CF (Hz)
6.705G

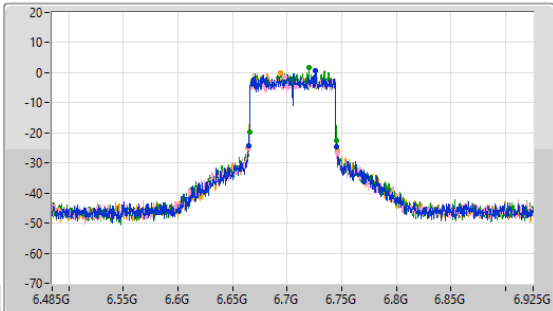
Span (Hz)
440M

RBW (Hz)
300k

VBW (Hz)
3M

Sweep Time (s)
354u

Detector Type
Peak



CF (Hz)
6.705G

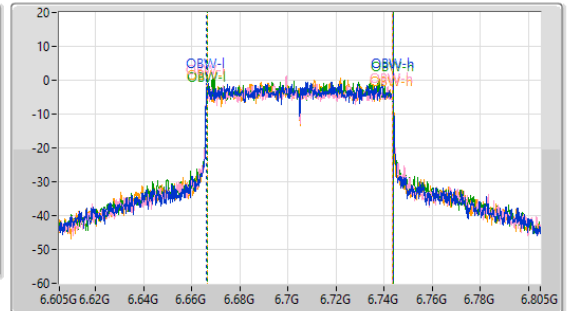
Span (Hz)
200M

RBW (Hz)
300k

VBW (Hz)
3M

Sweep Time (s)
164.6u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

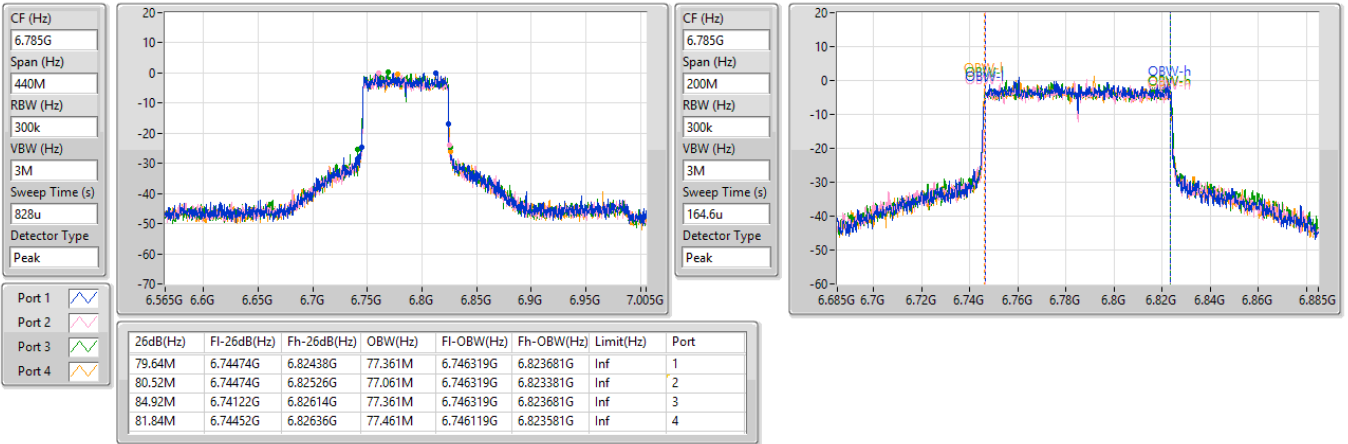
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.74M	6.66452G	6.74526G	77.661M	6.666119G	6.743781G	Inf	1
81.18M	6.66452G	6.7457G	77.361M	6.666219G	6.743581G	Inf	2
79.86M	6.6654G	6.74526G	77.461M	6.666319G	6.743781G	Inf	3
81.62M	6.6643G	6.74592G	77.261M	6.666319G	6.743581G	Inf	4

6.525-6.875GHz_802.11ax HEW80-BF_Nss2,(MCS0)_4TX

EBW

6785MHz

31/01/2024

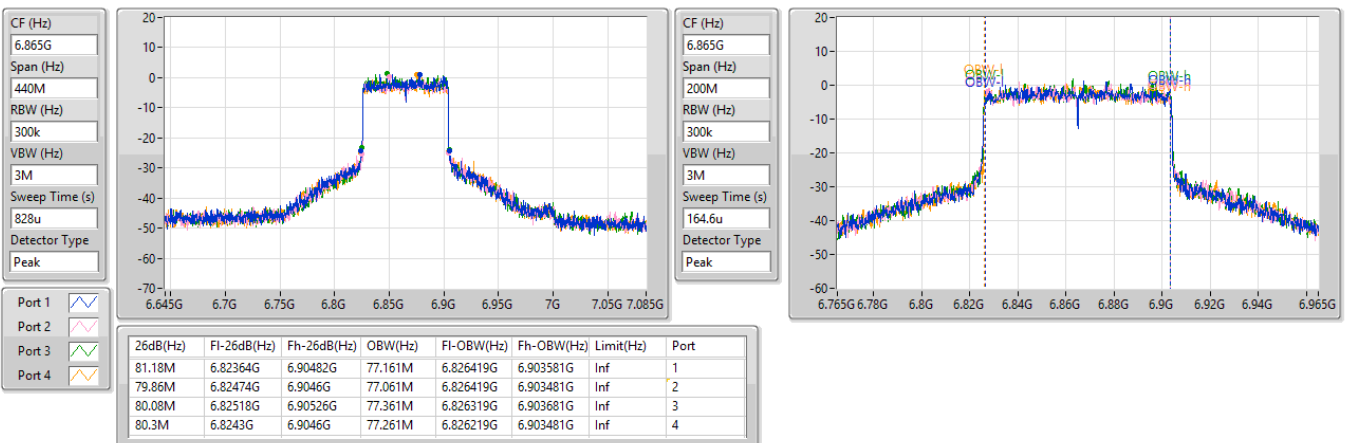


6.525-6.875GHz_802.11ax HEW80-BF_Nss2,(MCS0)_4TX

EBW

6865MHz

31/01/2024



6.875-7.125GHz_802.11ax HEW80-BF_Nss2,(MCS0)_4TX

EBW

6945MHz

31/01/2024

CF (Hz)
6.945G

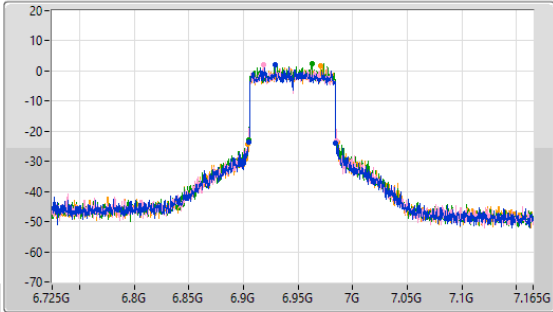
Span (Hz)
440M

RBW (Hz)
300k

VBW (Hz)
3M

Sweep Time (s)
828u

Detector Type
Peak



CF (Hz)
6.945G

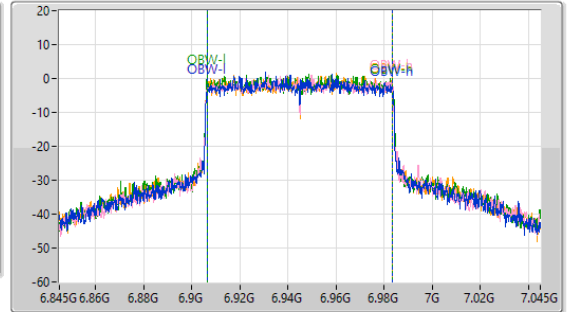
Span (Hz)
200M

RBW (Hz)
300k

VBW (Hz)
3M

Sweep Time (s)
379.9u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
79.42M	6.90518G	6.9846G	77.161M	6.906419G	6.983581G	Inf	1
80.52M	6.90452G	6.98504G	77.261M	6.906319G	6.983581G	Inf	2
80.74M	6.90474G	6.98548G	77.361M	6.906319G	6.983681G	Inf	3
81.62M	6.90408G	6.9857G	77.261M	6.906319G	6.983581G	Inf	4

6.875-7.125GHz_802.11ax HEW80-BF_Nss2,(MCS0)_4TX

EBW

7025MHz

31/01/2024

CF (Hz)
7.025G

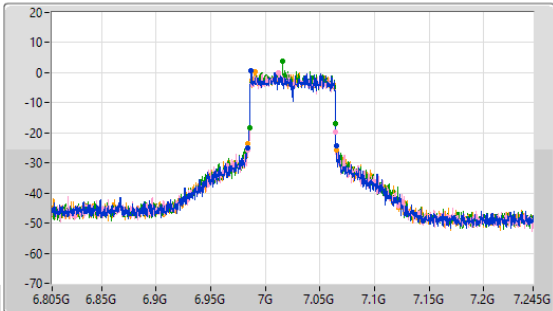
Span (Hz)
440M

RBW (Hz)
300k

VBW (Hz)
3M

Sweep Time (s)
828u

Detector Type
Peak



CF (Hz)
7.025G

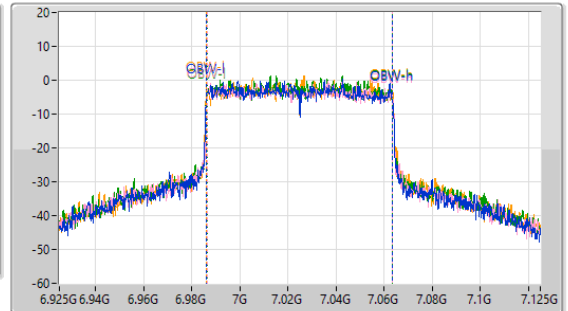
Span (Hz)
200M

RBW (Hz)
300k

VBW (Hz)
3M

Sweep Time (s)
379.9u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

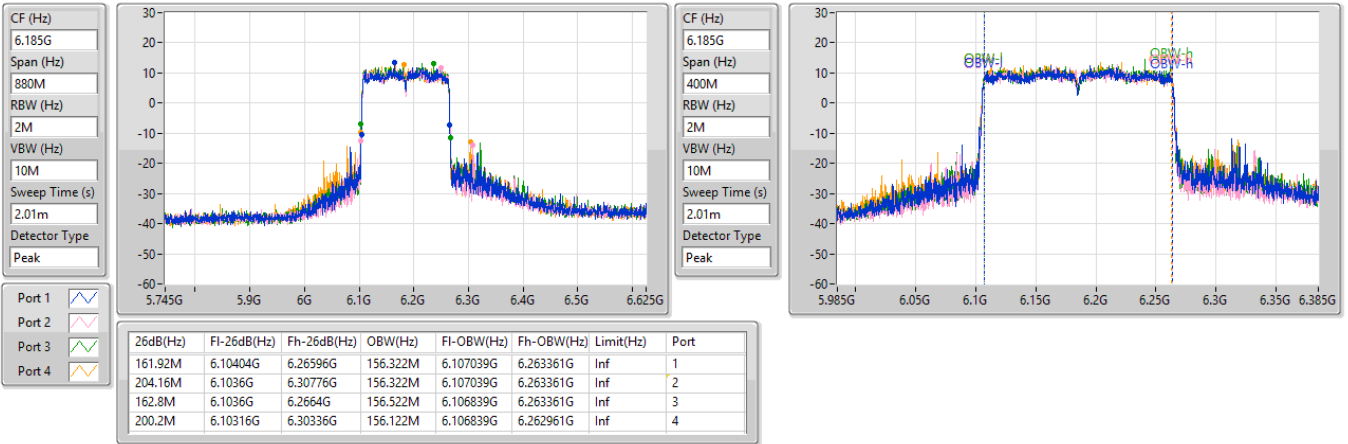
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.62M	6.98342G	7.06504G	77.161M	6.986219G	7.063381G	Inf	1
80.3M	6.98408G	7.06438G	77.261M	6.986319G	7.063581G	Inf	2
78.98M	6.9854G	7.06438G	77.061M	6.986319G	7.063381G	Inf	3
80.96M	6.98408G	7.06504G	77.561M	6.986119G	7.063681G	Inf	4

5.925-6.425GHz_802.11ax HEW160-BF_Nss2,(MCS0)_4TX

EBW

6185MHz

31/01/2024

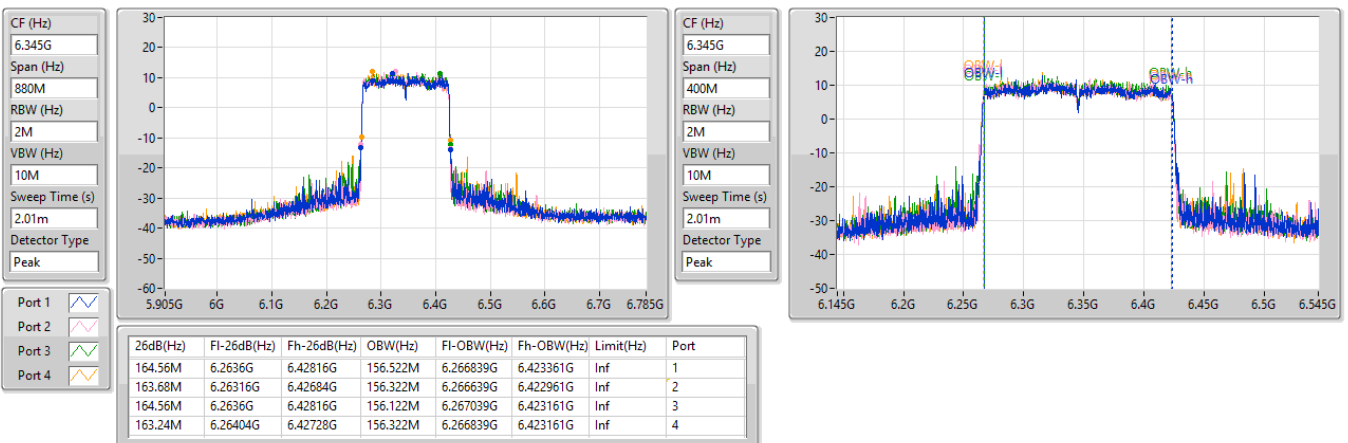


5.925-6.425GHz_802.11ax HEW160-BF_Nss2,(MCS0)_4TX

EBW

6345MHz

31/01/2024

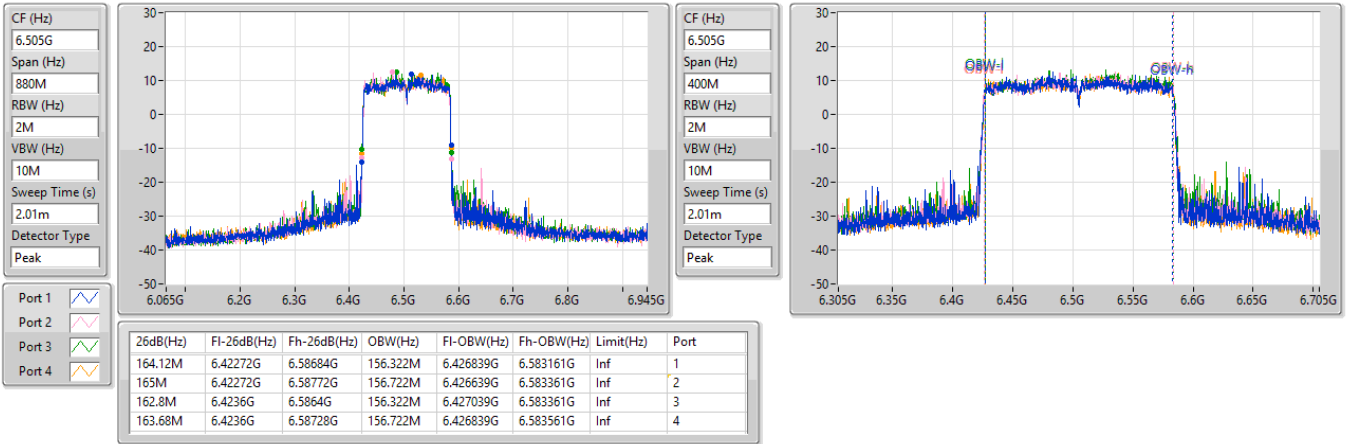


6.425-6.525GHz_802.11ax HEW160-BF_Nss2,(MCS0)_4TX

EBW

6505MHz

31/01/2024

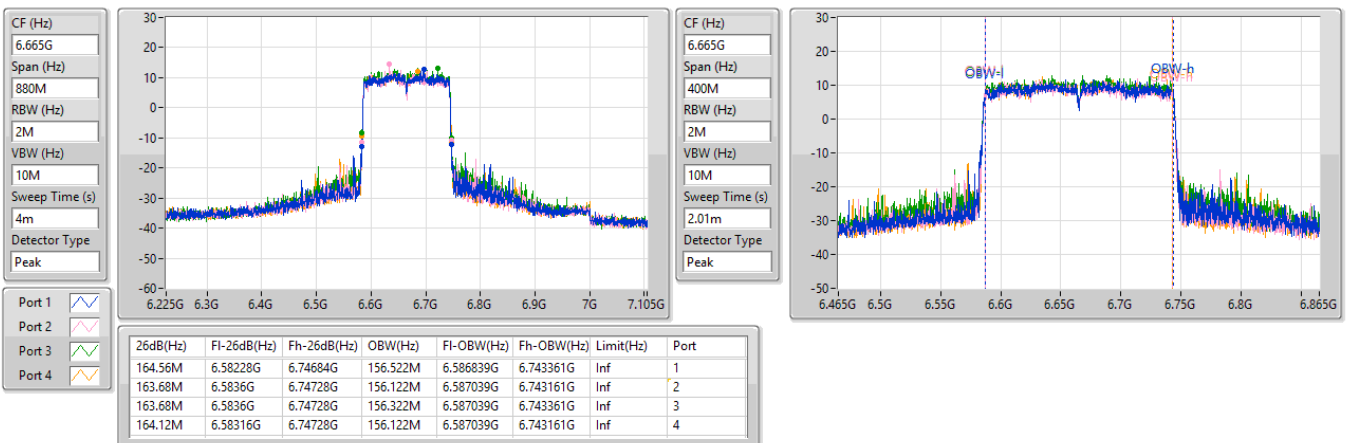


6.525-6.875GHz_802.11ax HEW160-BF_Nss2,(MCS0)_4TX

EBW

6665MHz

31/01/2024

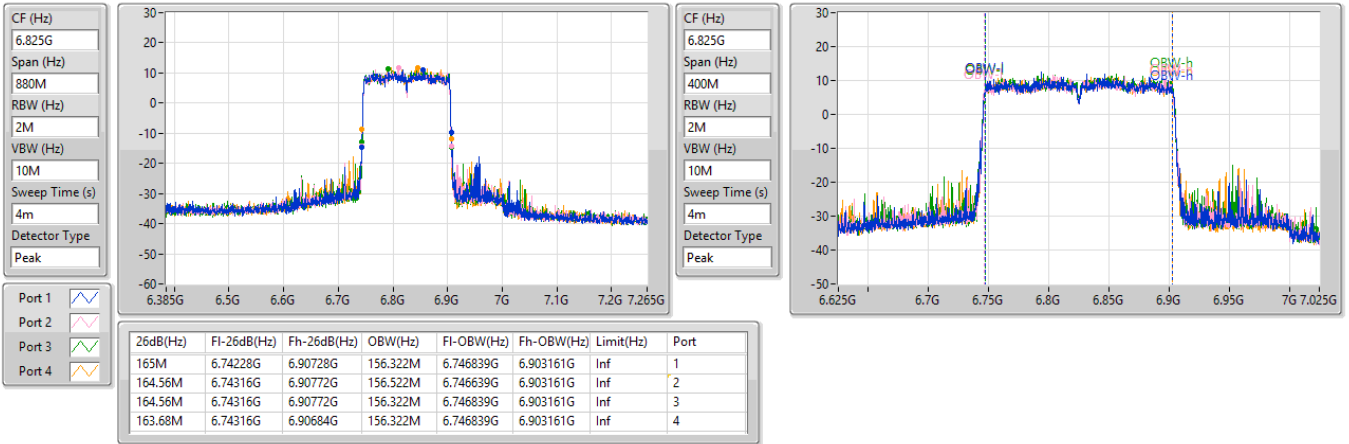


6.525-6.875GHz_802.11ax HEW160-BF_Nss2,(MCS0)_4TX

EBW

6825MHz

31/01/2024

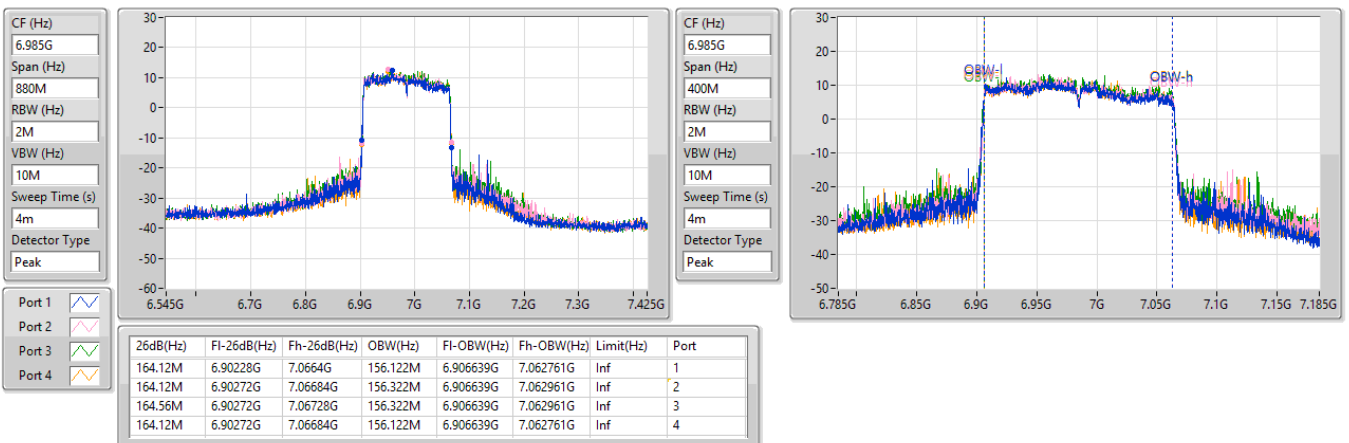


6.875-7.125GHz_802.11ax HEW160-BF_Nss2,(MCS0)_4TX

EBW

6985MHz

31/01/2024





Summary

Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	13.25	0.02113
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.22	0.06637
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	18.40	0.06918
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	19.86	0.09683
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	22.23	0.16711
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.81	0.24044
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	23.81	0.24044
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	25.65	0.36728
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	26.42	0.43853
6.425-6.525GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	13.40	0.02188
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	16.94	0.04943
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	18.57	0.07194
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	21.18	0.13122
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	19.91	0.09795
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.59	0.22856
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	25.62	0.36475
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	24.08	0.25586
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	25.33	0.34119
6.525-6.875GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	14.14	0.02594
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	17.73	0.05929
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	17.52	0.05649
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	20.86	0.12190
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	20.91	0.12331
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.61	0.22961
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	23.75	0.23714
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	25.65	0.36728
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	26.24	0.42073
6.875-7.125GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	14.03	0.02529
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	17.55	0.05689
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	18.08	0.06427
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	21.14	0.13002
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	20.99	0.12560
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.26	0.21184
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	24.07	0.25527
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	25.57	0.36058
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	26.86	0.48529



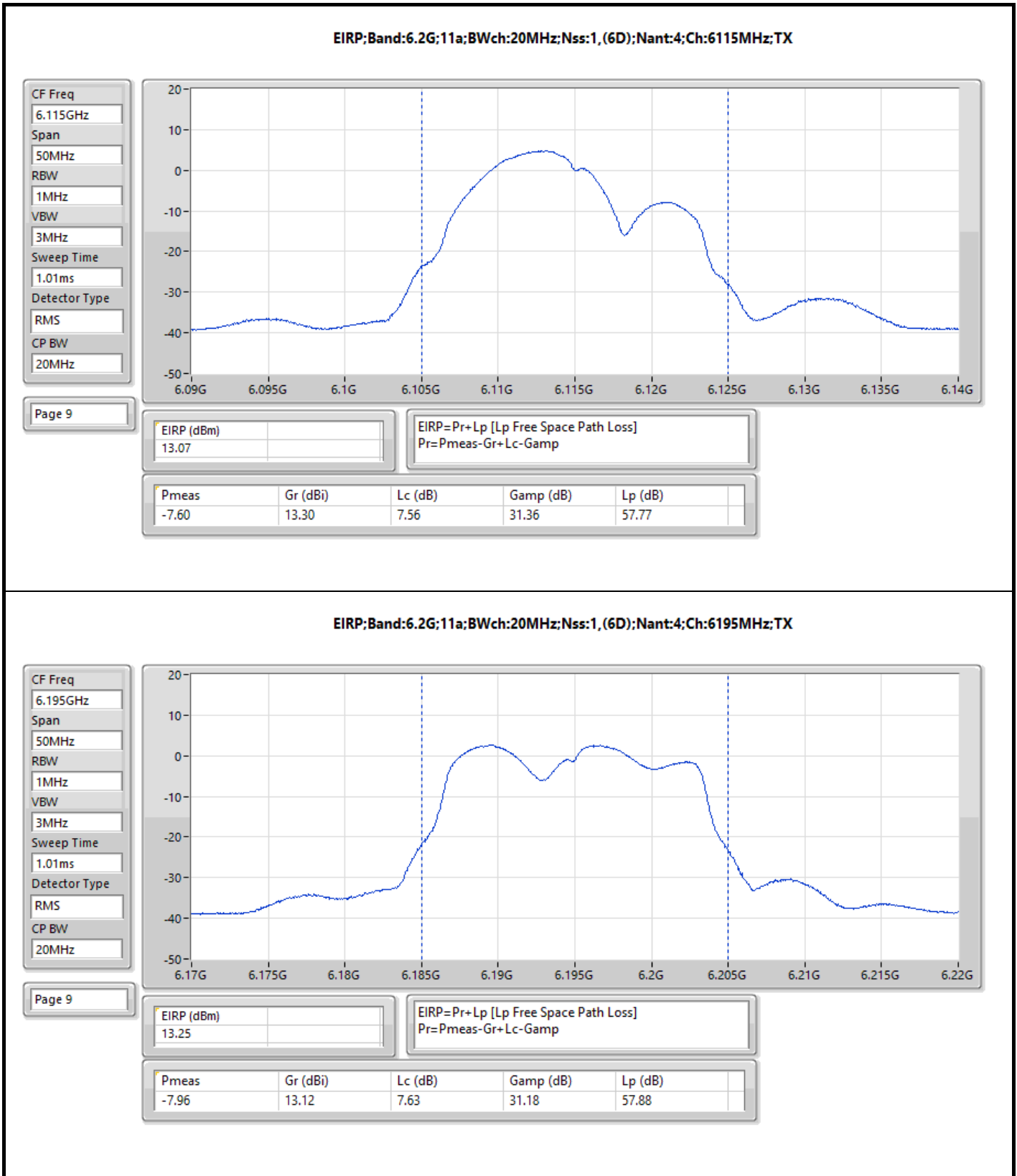
Result

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-
6115MHz	Pass	13.07	30.00
6195MHz	Pass	13.25	30.00
6415MHz	Pass	12.84	30.00
6435MHz	Pass	13.28	30.00
6475MHz	Pass	13.40	30.00
6515MHz	Pass	13.35	30.00
6535MHz	Pass	13.58	30.00
6695MHz	Pass	13.98	30.00
6875MHz Straddle 6.525-6.875GHz	Pass	14.14	30.00
6895MHz	Pass	14.03	30.00
6995MHz	Pass	13.83	30.00
7055MHz	Pass	13.52	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-
6115MHz	Pass	16.87	30.00
6195MHz	Pass	18.22	30.00
6415MHz	Pass	15.55	30.00
6435MHz	Pass	16.59	30.00
6475MHz	Pass	16.94	30.00
6515MHz	Pass	15.93	30.00
6535MHz	Pass	17.73	30.00
6695MHz	Pass	17.03	30.00
6875MHz Straddle 6.525-6.875GHz	Pass	15.97	30.00
6895MHz	Pass	16.29	30.00
6995MHz	Pass	17.55	30.00
7055MHz	Pass	17.08	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-
6125MHz	Pass	19.76	30.00
6205MHz	Pass	19.86	30.00
6405MHz	Pass	19.68	30.00
6445MHz	Pass	19.26	30.00
6485MHz	Pass	16.76	30.00
6525MHz Straddle 6.425-6.525GHz	Pass	21.18	30.00
6565MHz	Pass	19.71	30.00
6685MHz	Pass	19.83	30.00
6885MHz Straddle 6.525-6.875GHz	Pass	20.86	30.00
6925MHz	Pass	20.57	30.00
7005MHz	Pass	21.14	30.00
7045MHz	Pass	19.85	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-
6145MHz	Pass	23.02	30.00
6225MHz	Pass	23.66	30.00
6385MHz	Pass	23.81	30.00
6465MHz	Pass	22.24	30.00
6545MHz Straddle 6.425-6.525GHz	Pass	23.59	30.00
6625MHz	Pass	22.69	30.00
6705MHz	Pass	22.24	30.00
6785MHz	Pass	21.77	30.00
6865MHz Straddle 6.525-6.875GHz	Pass	23.61	30.00
6945MHz	Pass	23.26	30.00
7025MHz	Pass	22.86	30.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-
6185MHz	Pass	25.65	30.00
6345MHz	Pass	25.12	30.00
6505MHz Straddle 6.425-6.525GHz	Pass	24.08	30.00

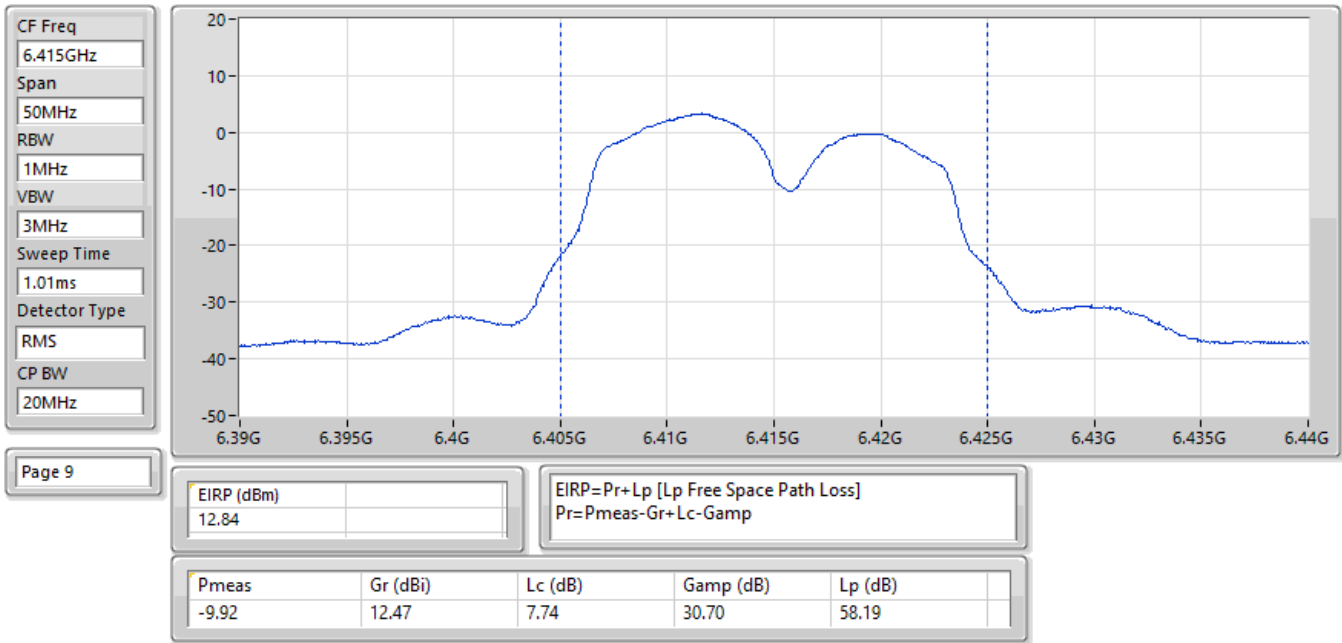


Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
6665MHz	Pass	24.90	30.00
6825MHz Straddle 6.525-6.875GHz	Pass	25.65	30.00
6985MHz	Pass	25.57	30.00
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	-	-	-
6115MHz	Pass	17.42	30.00
6195MHz	Pass	18.40	30.00
6415MHz	Pass	18.15	30.00
6435MHz	Pass	17.59	30.00
6475MHz	Pass	18.57	30.00
6515MHz	Pass	18.26	30.00
6535MHz	Pass	16.61	30.00
6695MHz	Pass	16.84	30.00
6875MHz Straddle 6.525-6.875GHz	Pass	17.52	30.00
6895MHz	Pass	17.61	30.00
6995MHz	Pass	18.08	30.00
7055MHz	Pass	17.54	30.00
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	-	-	-
6125MHz	Pass	21.25	30.00
6205MHz	Pass	22.23	30.00
6405MHz	Pass	20.12	30.00
6445MHz	Pass	18.25	30.00
6485MHz	Pass	19.91	30.00
6525MHz Straddle 6.425-6.525GHz	Pass	18.55	30.00
6565MHz	Pass	19.33	30.00
6685MHz	Pass	20.28	30.00
6885MHz Straddle 6.525-6.875GHz	Pass	20.91	30.00
6925MHz	Pass	20.99	30.00
7005MHz	Pass	19.82	30.00
7045MHz	Pass	20.30	30.00
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	-	-	-
6145MHz	Pass	23.02	30.00
6225MHz	Pass	23.81	30.00
6385MHz	Pass	22.94	30.00
6465MHz	Pass	22.73	30.00
6545MHz Straddle 6.425-6.525GHz	Pass	25.62	30.00
6625MHz	Pass	22.61	30.00
6705MHz	Pass	22.57	30.00
6785MHz	Pass	22.58	30.00
6865MHz Straddle 6.525-6.875GHz	Pass	23.75	30.00
6945MHz	Pass	24.07	30.00
7025MHz	Pass	24.05	30.00
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	-	-	-
6185MHz	Pass	26.42	30.00
6345MHz	Pass	26.06	30.00
6505MHz Straddle 6.425-6.525GHz	Pass	25.33	30.00
6665MHz	Pass	26.24	30.00
6825MHz Straddle 6.525-6.875GHz	Pass	26.21	30.00
6985MHz	Pass	26.86	30.00

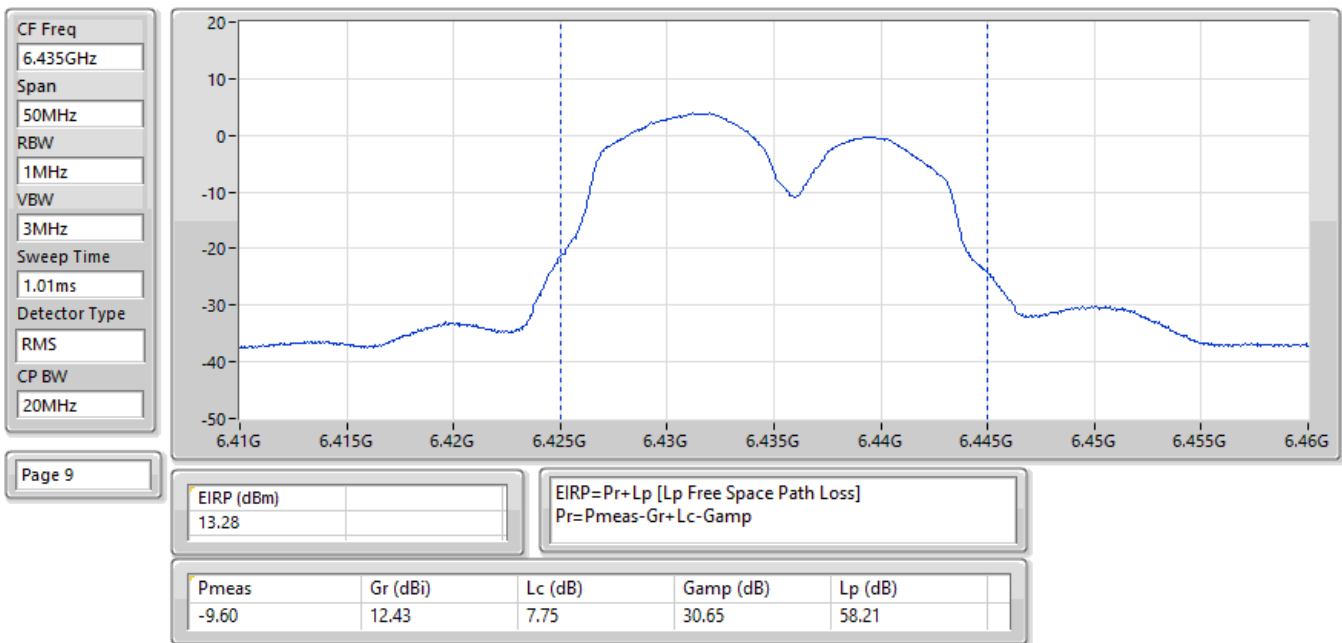
DG = Directional Gain; Port X = Port X output power



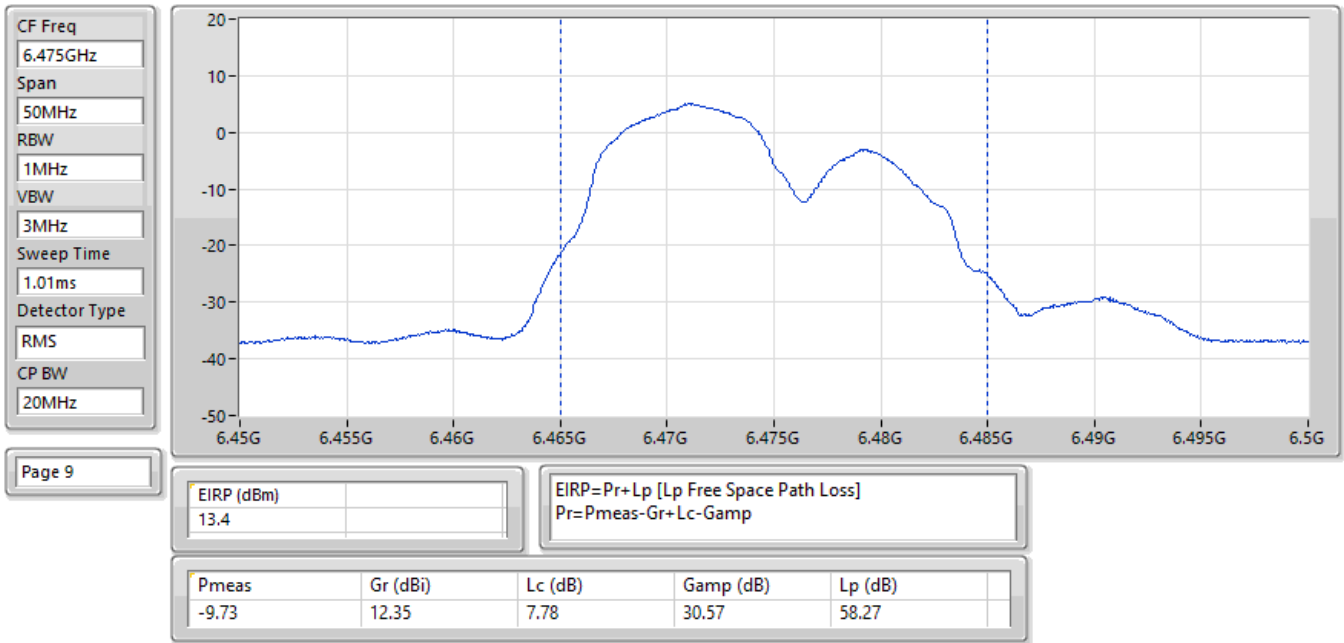
EIRP:Band:6.2G:11a;BWch:20MHz;Nss:1,(6D);Nant:4;Ch:6415MHz;TX



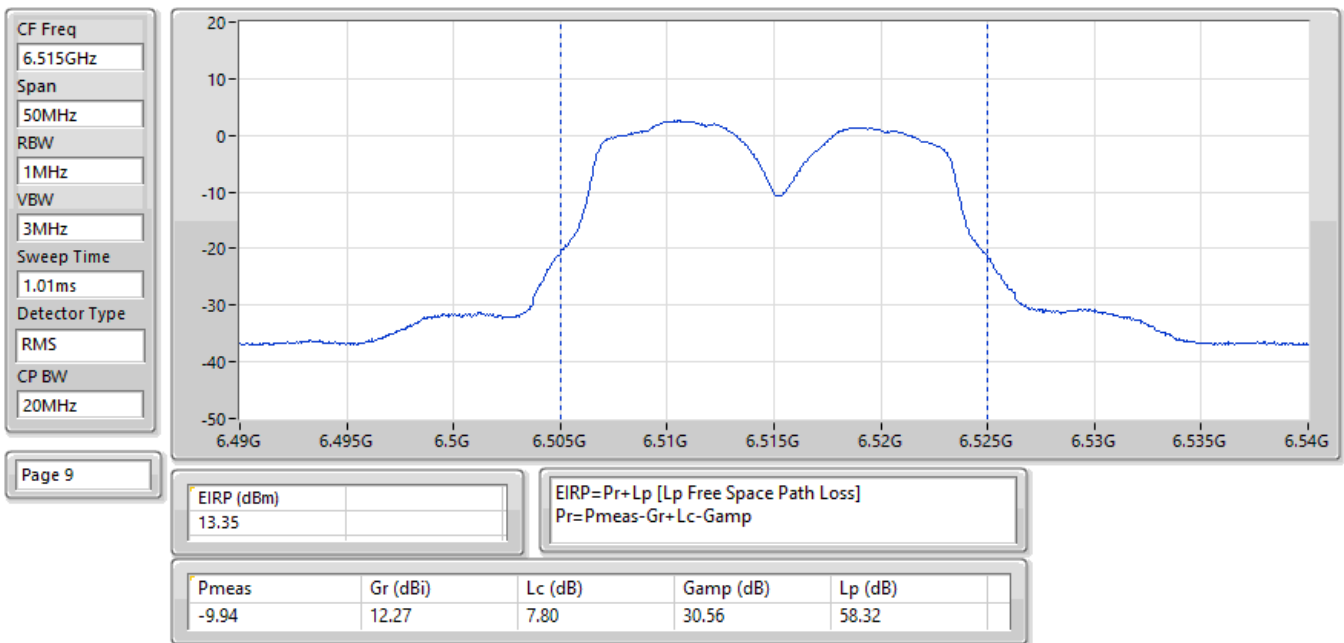
EIRP:Band:6.4G:11a;BWch:20MHz;Nss:1,(6D);Nant:4;Ch:6435MHz;TX



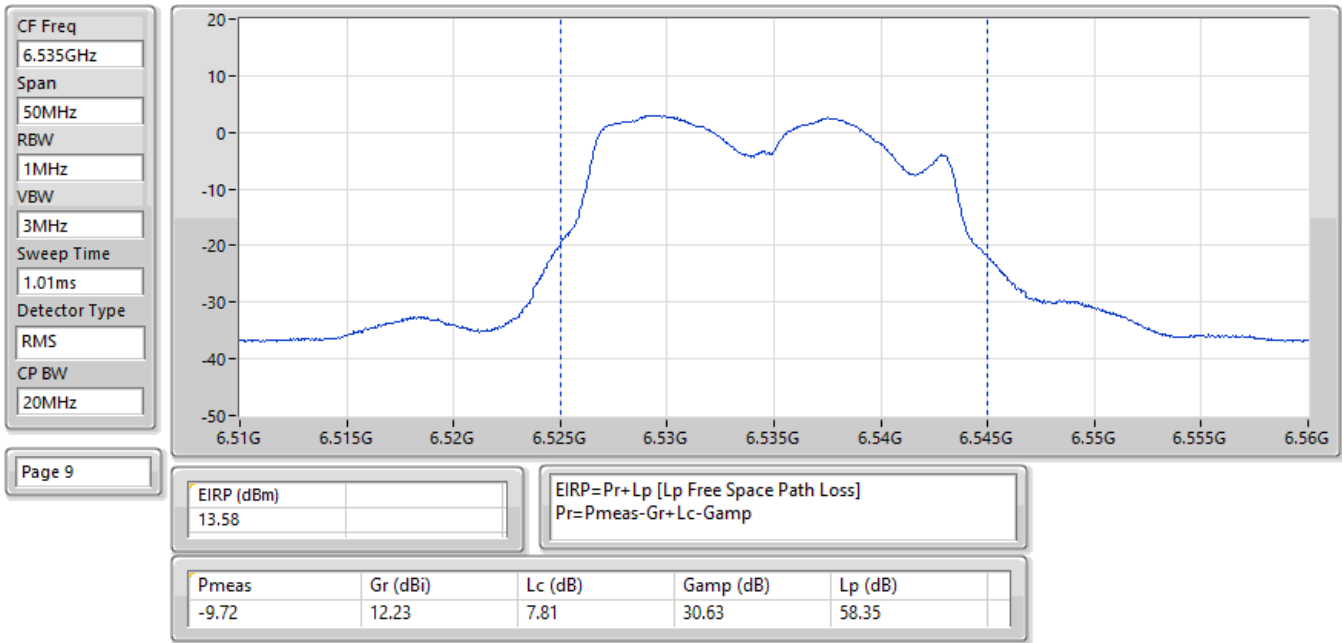
EIRP;Band:6.4G;11a;BWch:20MHz;Nss:1,(6D);Nant:4;Ch:6475MHz;TX



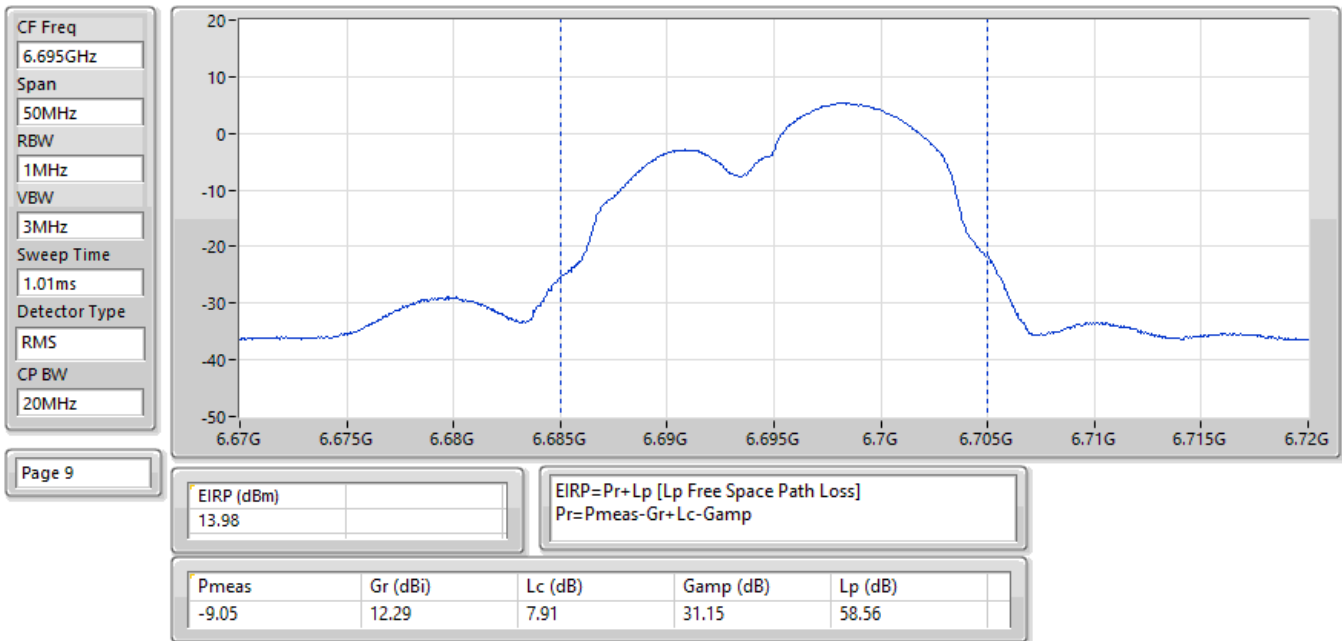
EIRP;Band:6.4G;11a;BWch:20MHz;Nss:1,(6D);Nant:4;Ch:6515MHz;TX



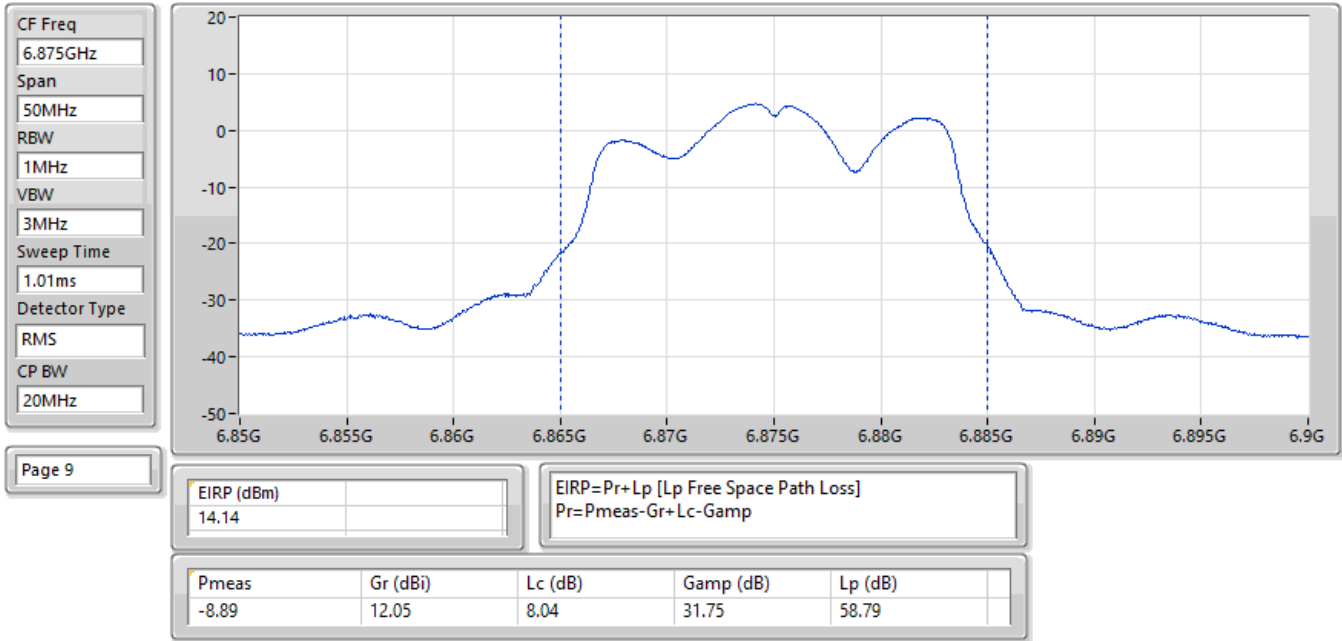
EIRP;Band:6.7G;11a;BWch:20MHz;Nss:1,(6D);Nant:4;Ch:6535MHz;TX



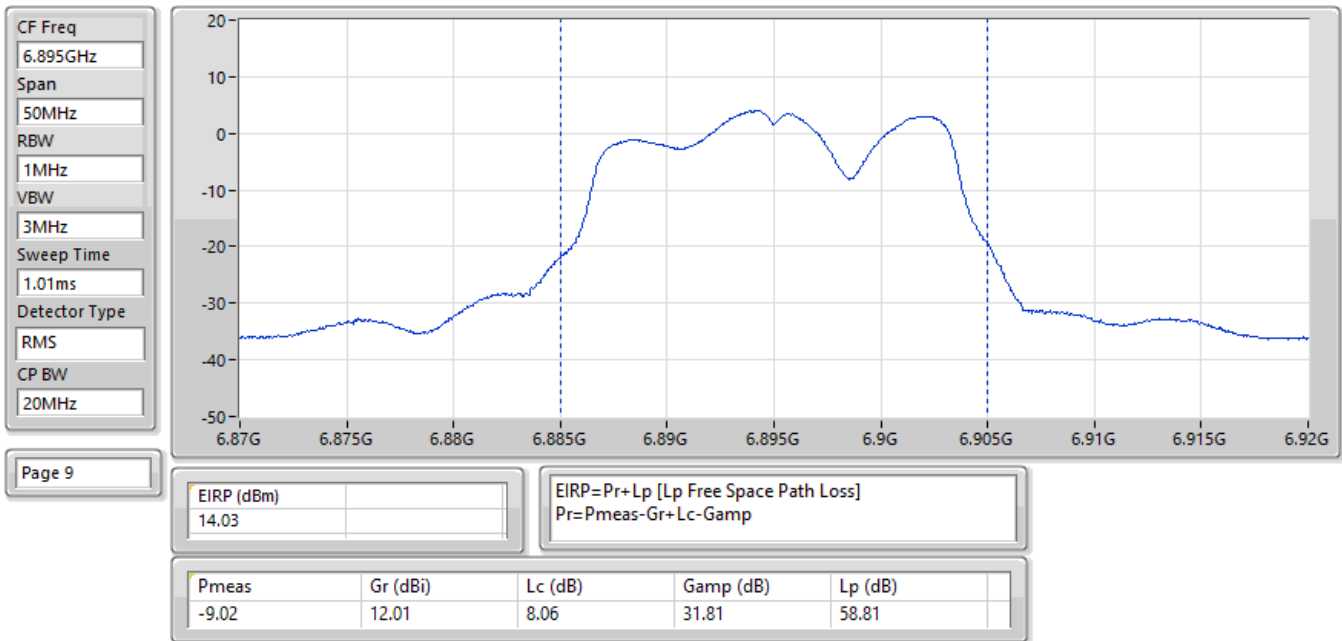
EIRP;Band:6.7G;11a;BWch:20MHz;Nss:1,(6D);Nant:4;Ch:6695MHz;TX



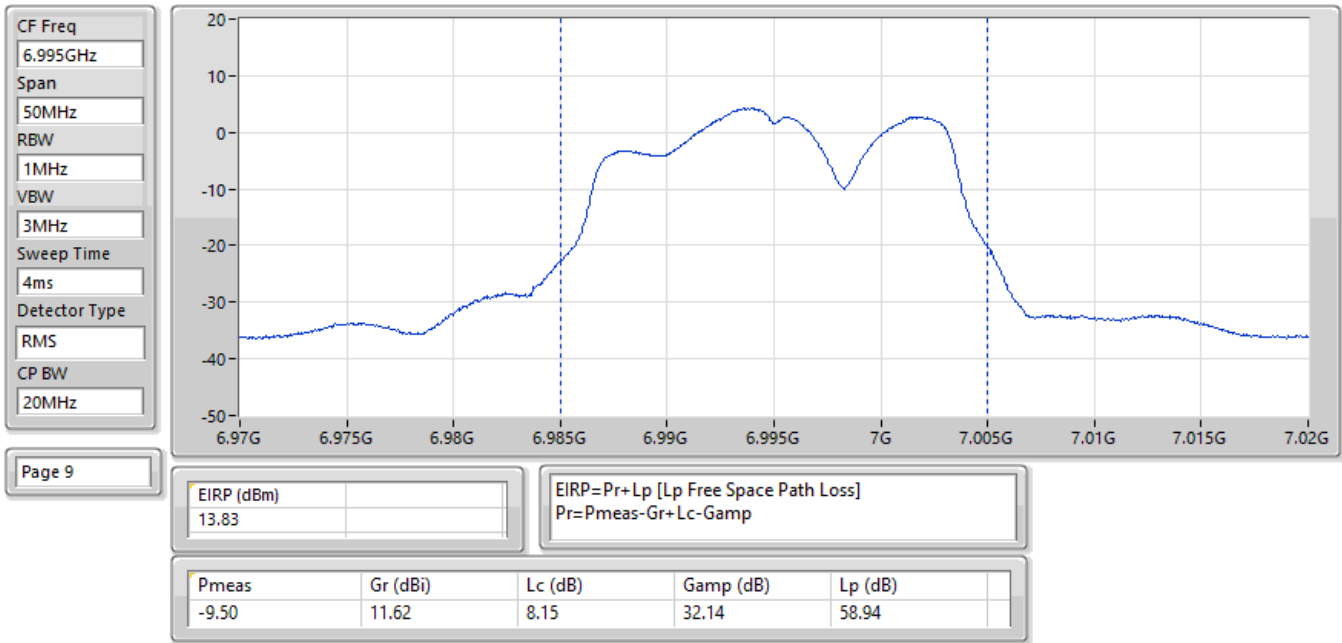
EIRP:Band:6.7G;11a;BWch:20MHz;Nss:1,(6D);Nant:4;Ch:6875MHz;TX



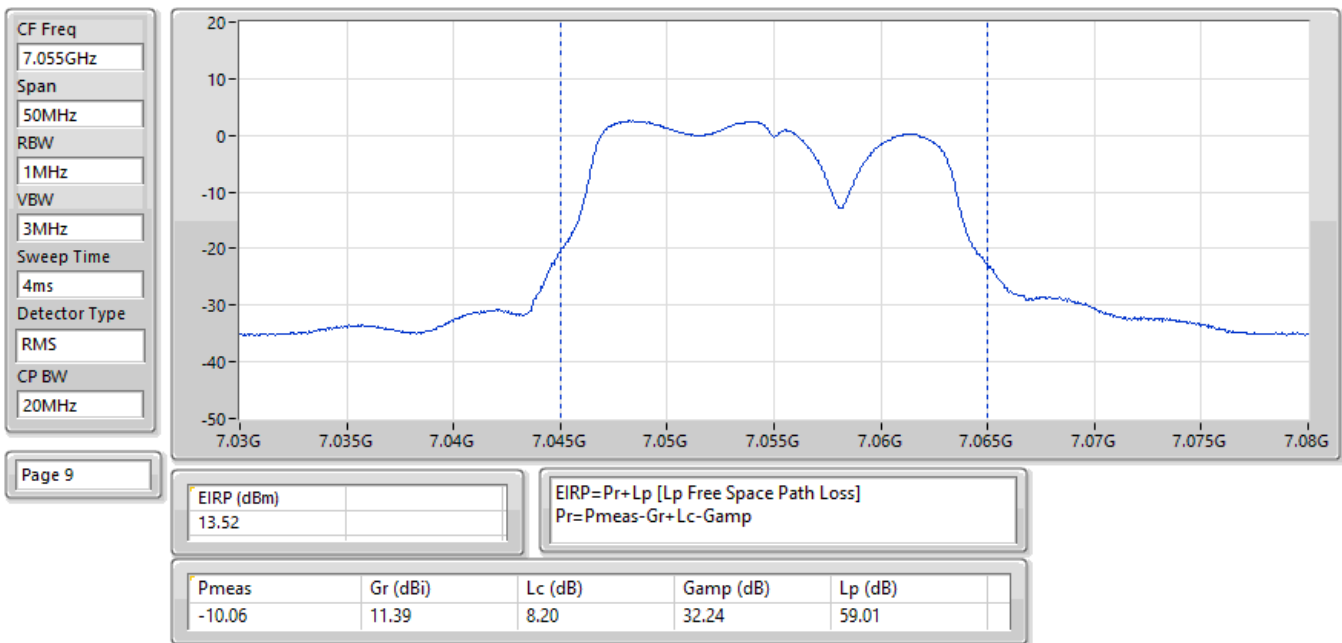
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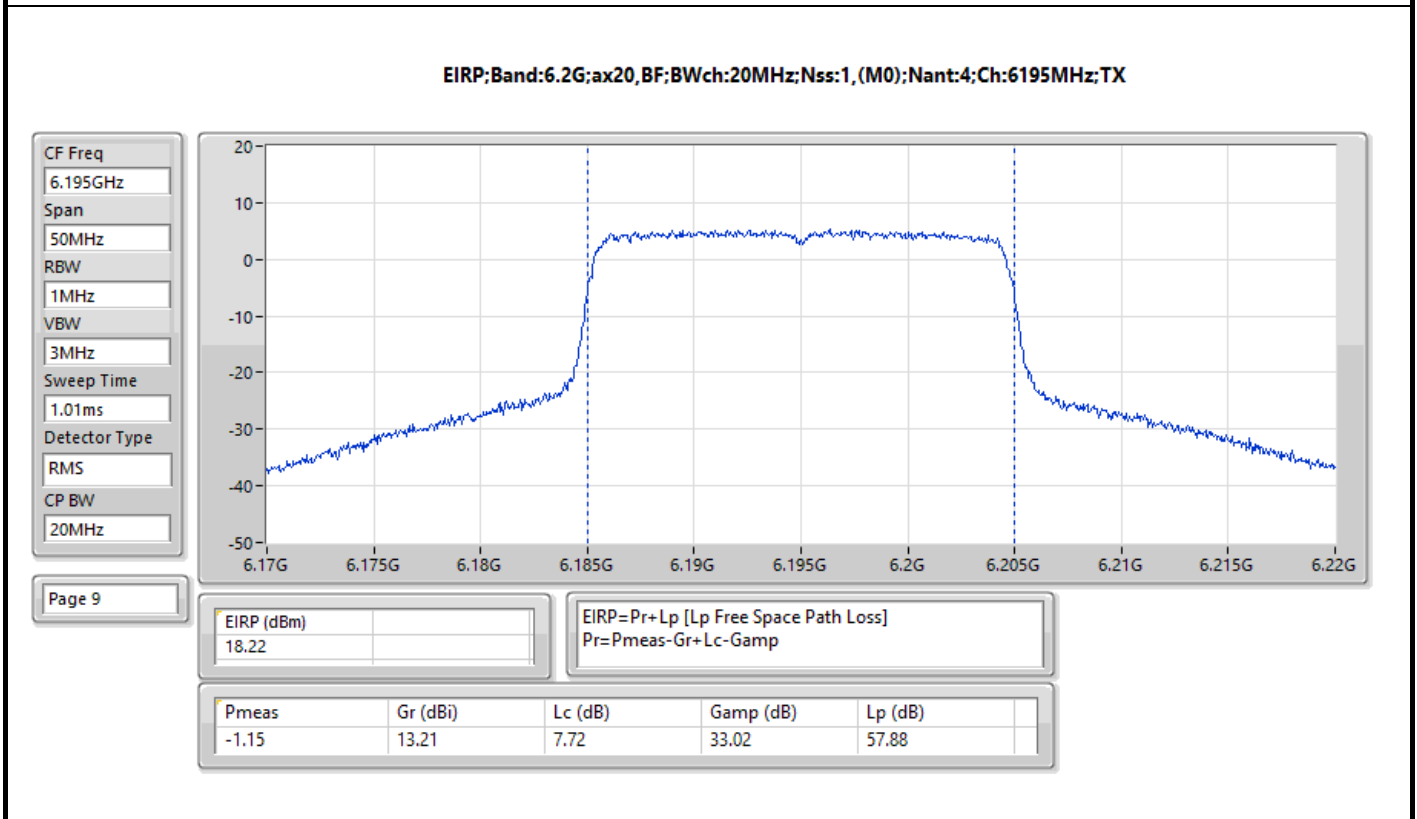
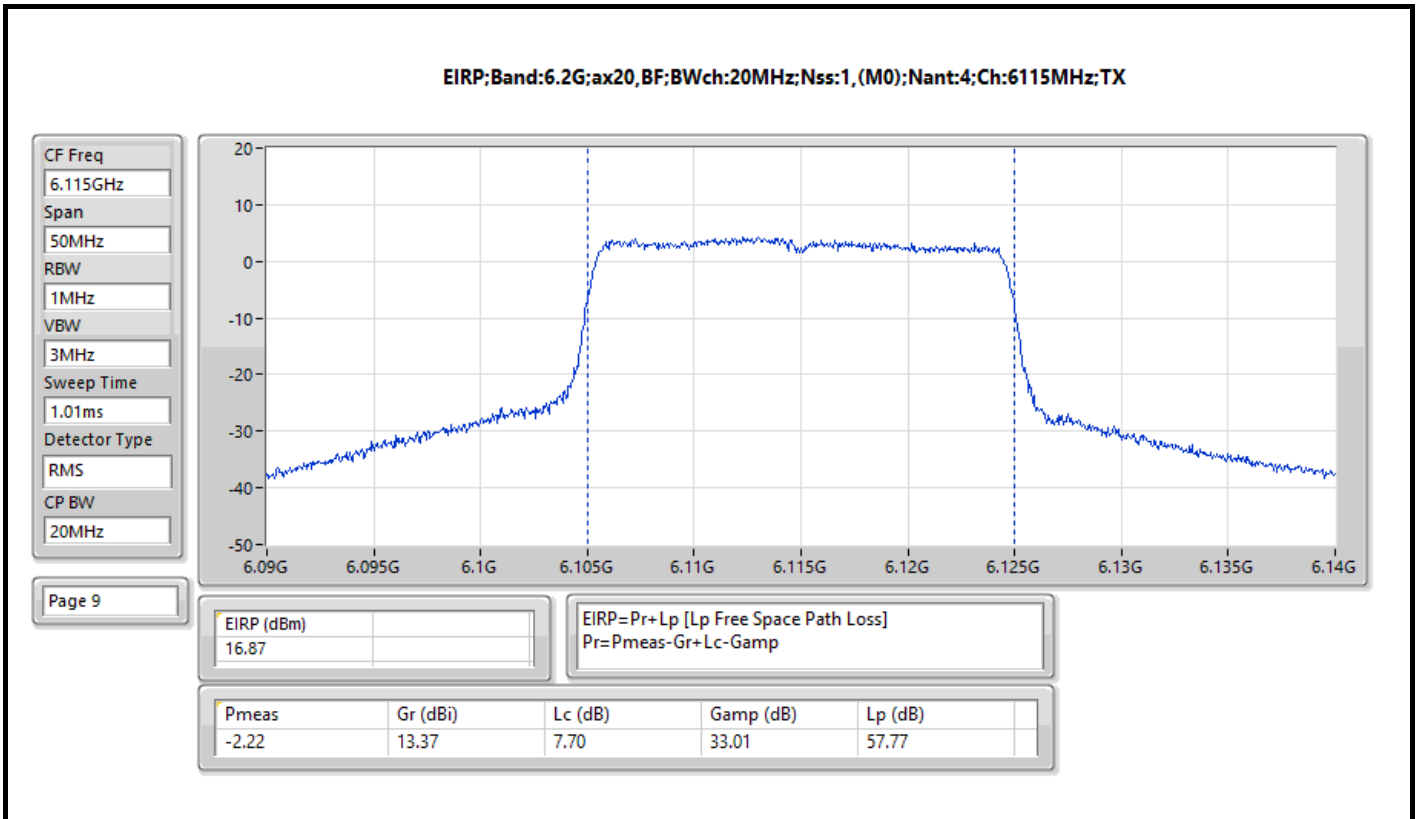


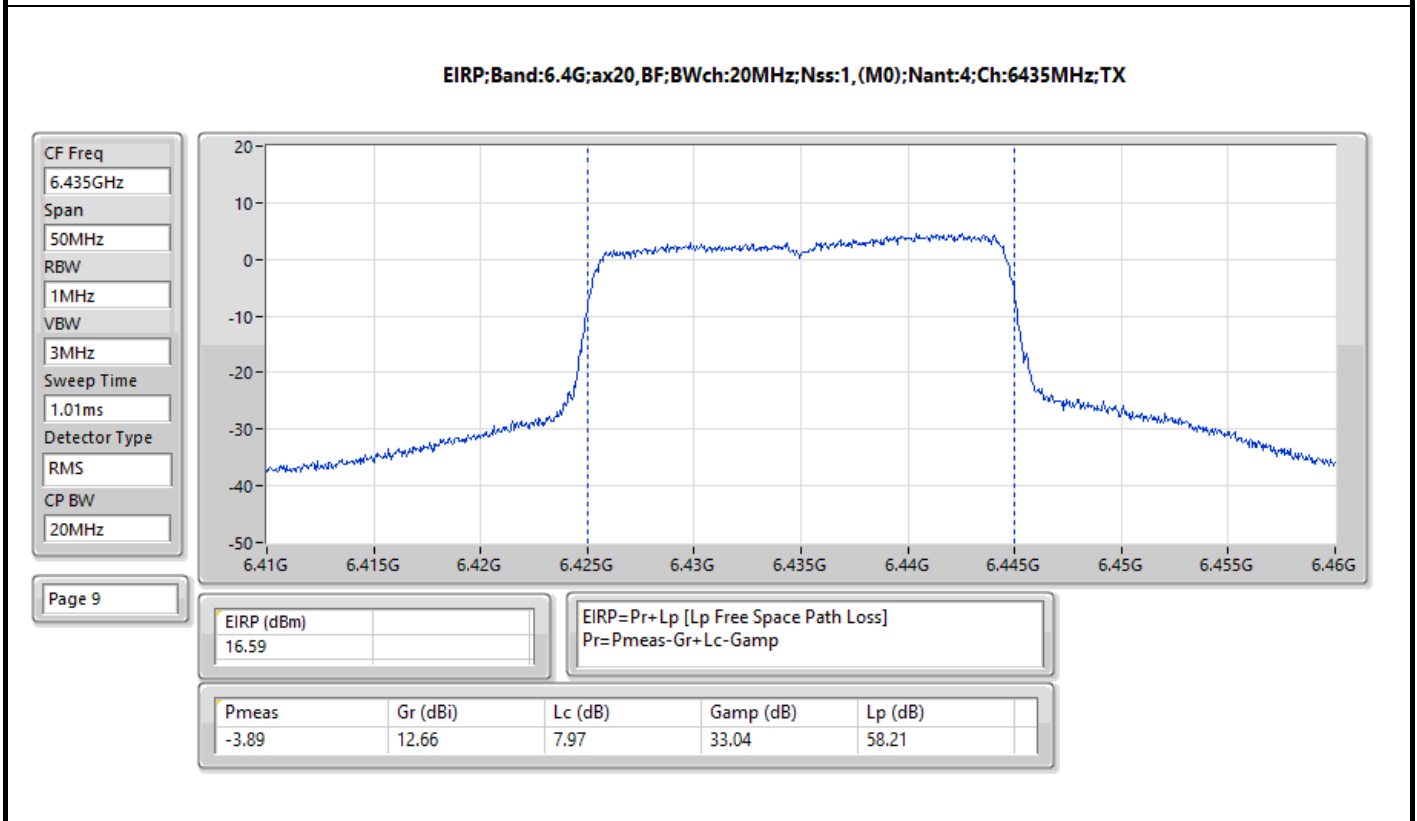
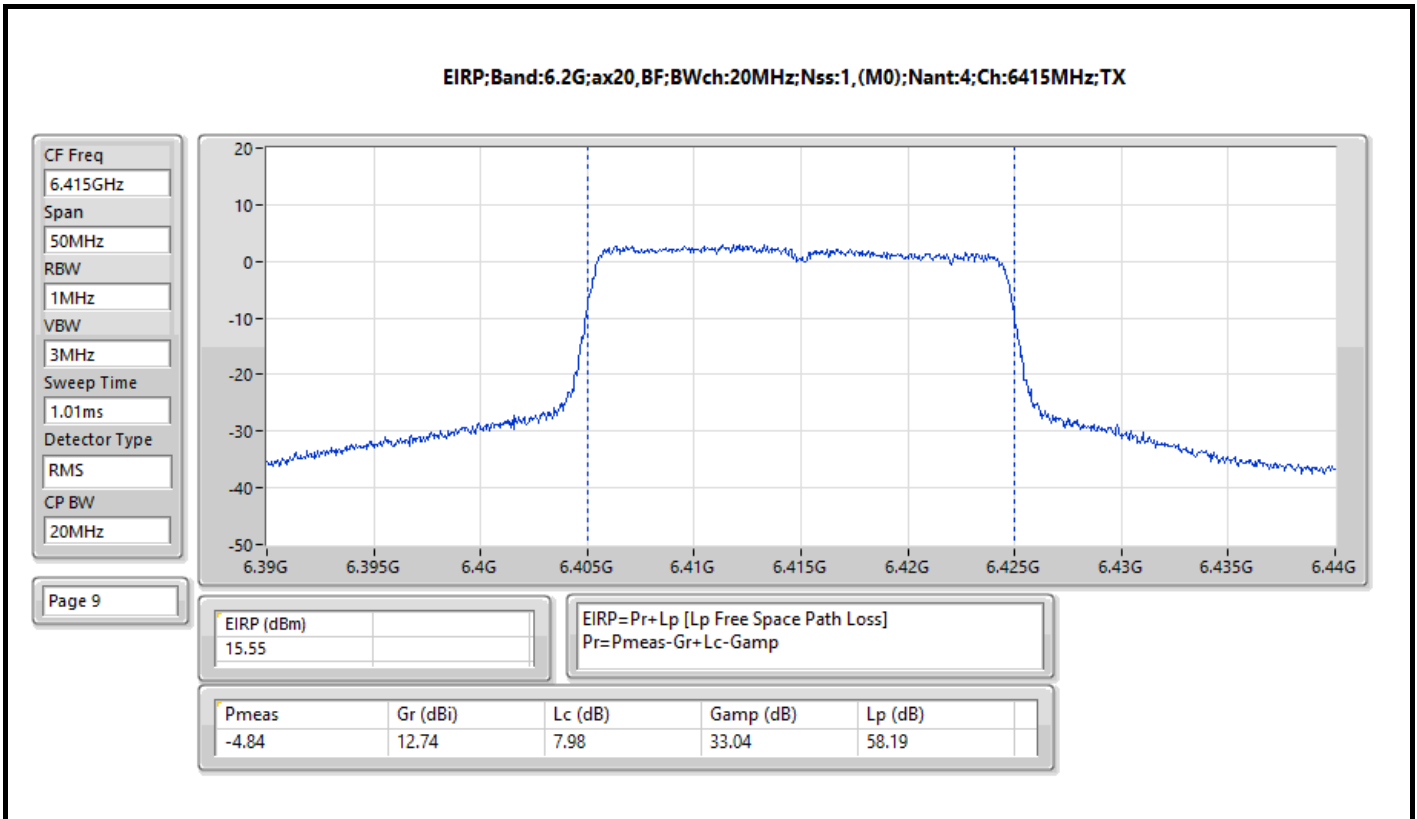
EIRP:Band:7.0G;11a;BWch:20MHz;Nss:1,(6D);Nant:4;Ch:6995MHz;TX

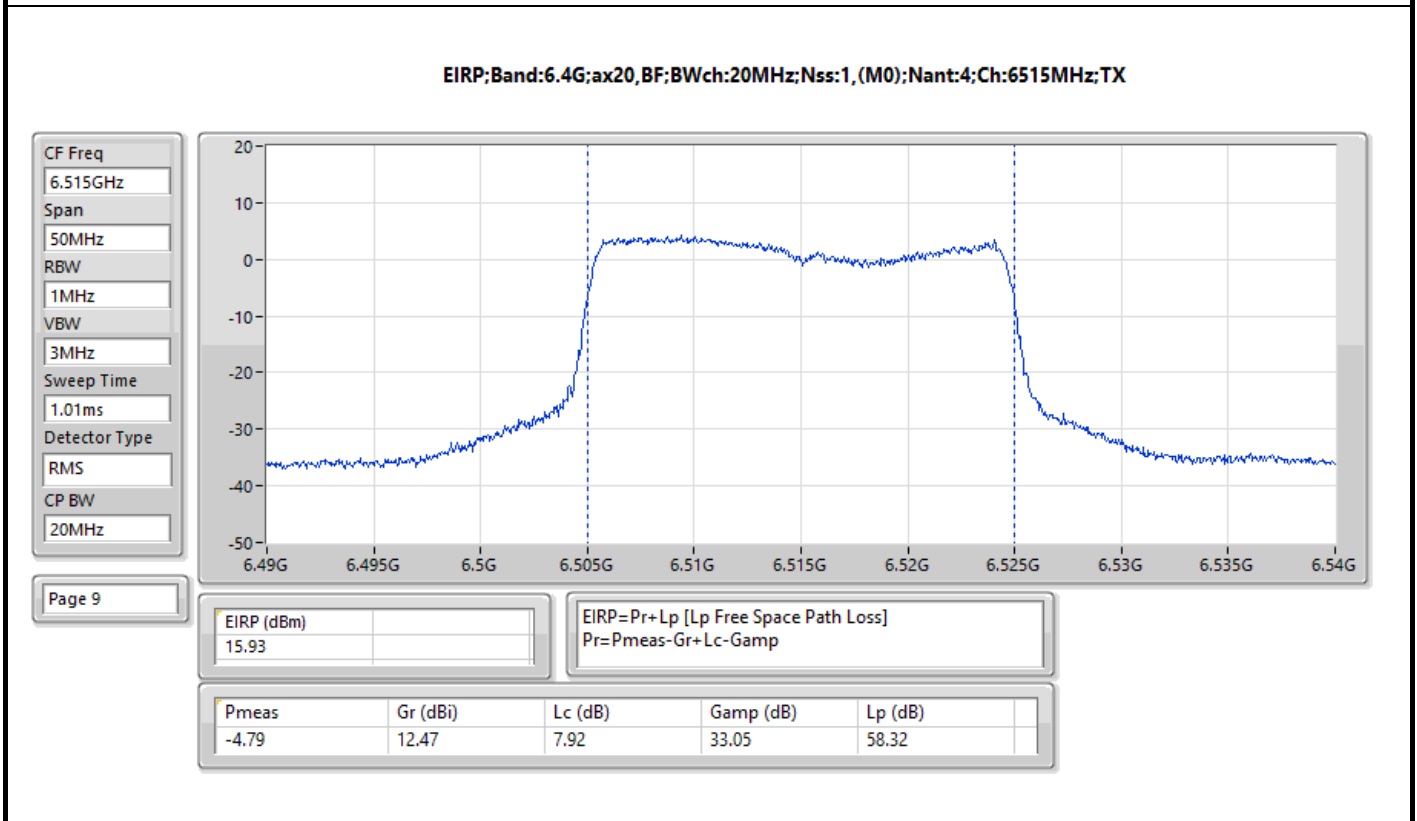
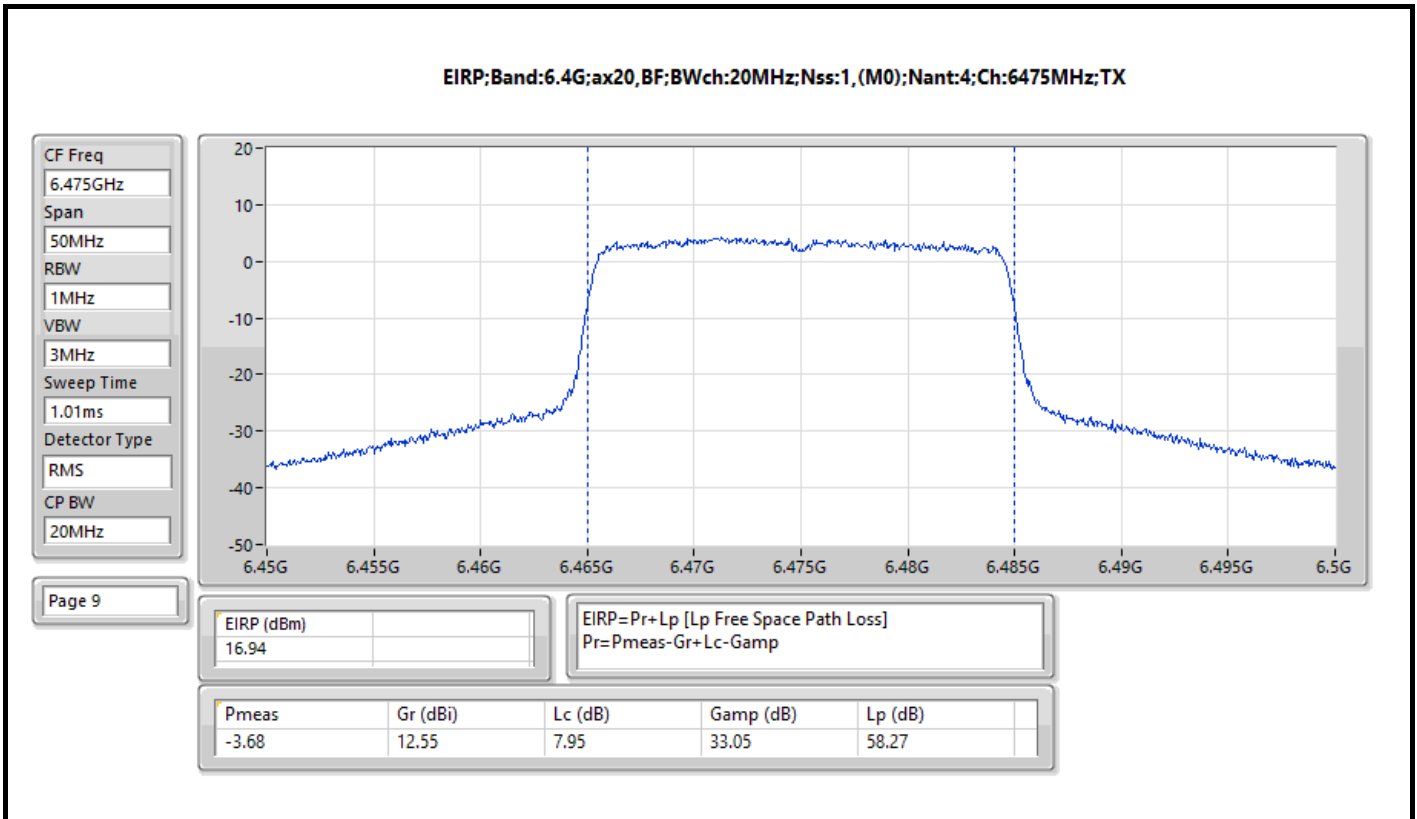


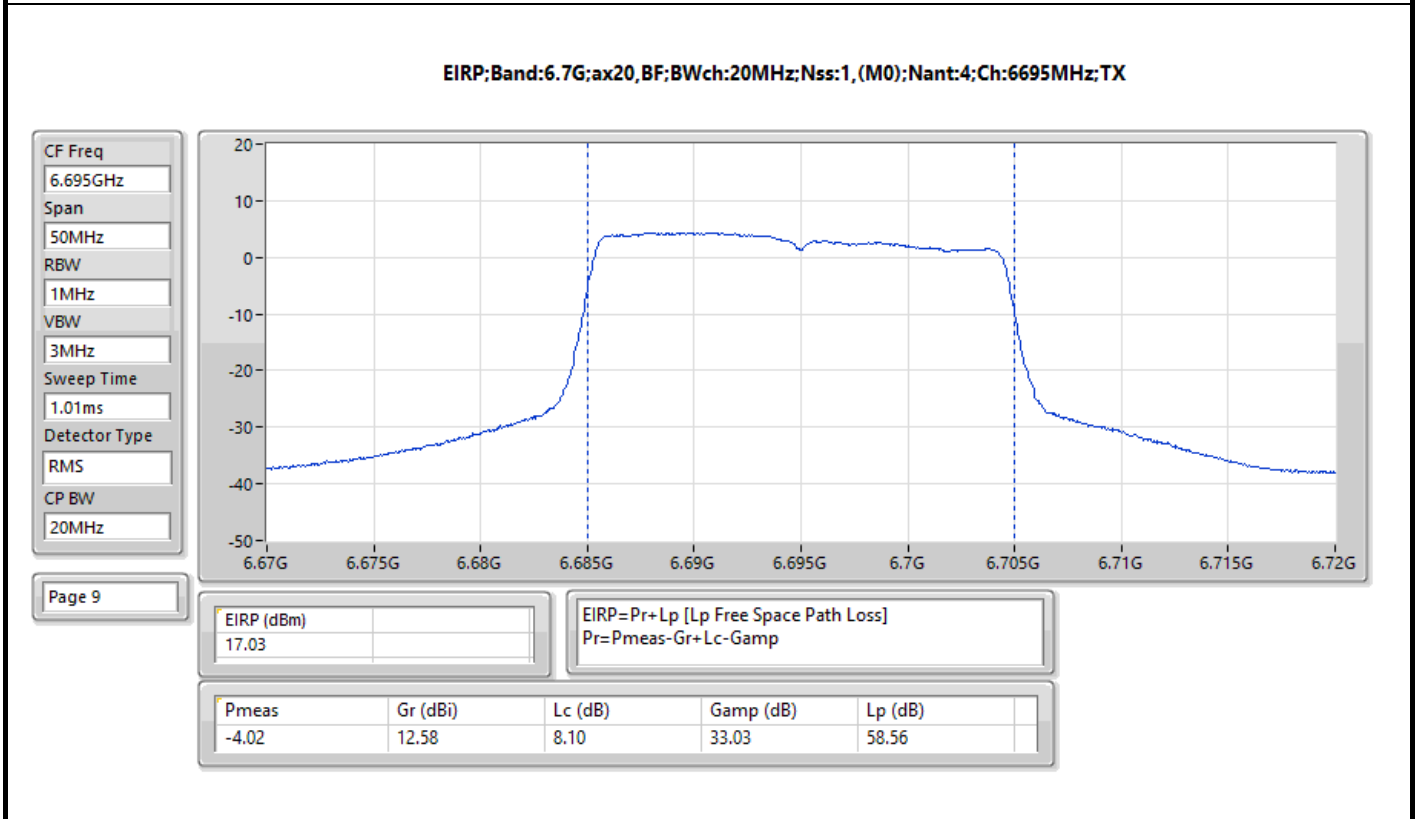
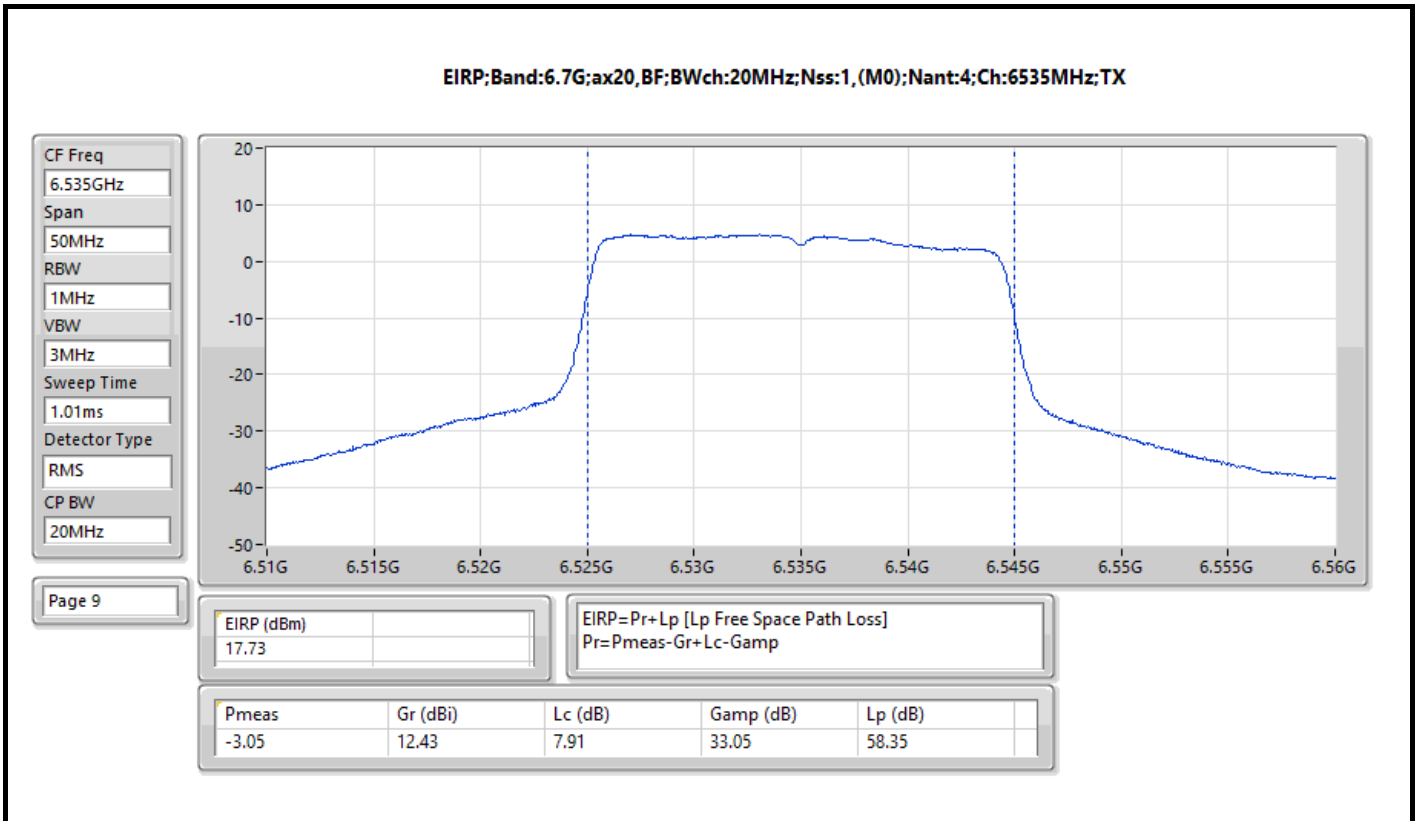
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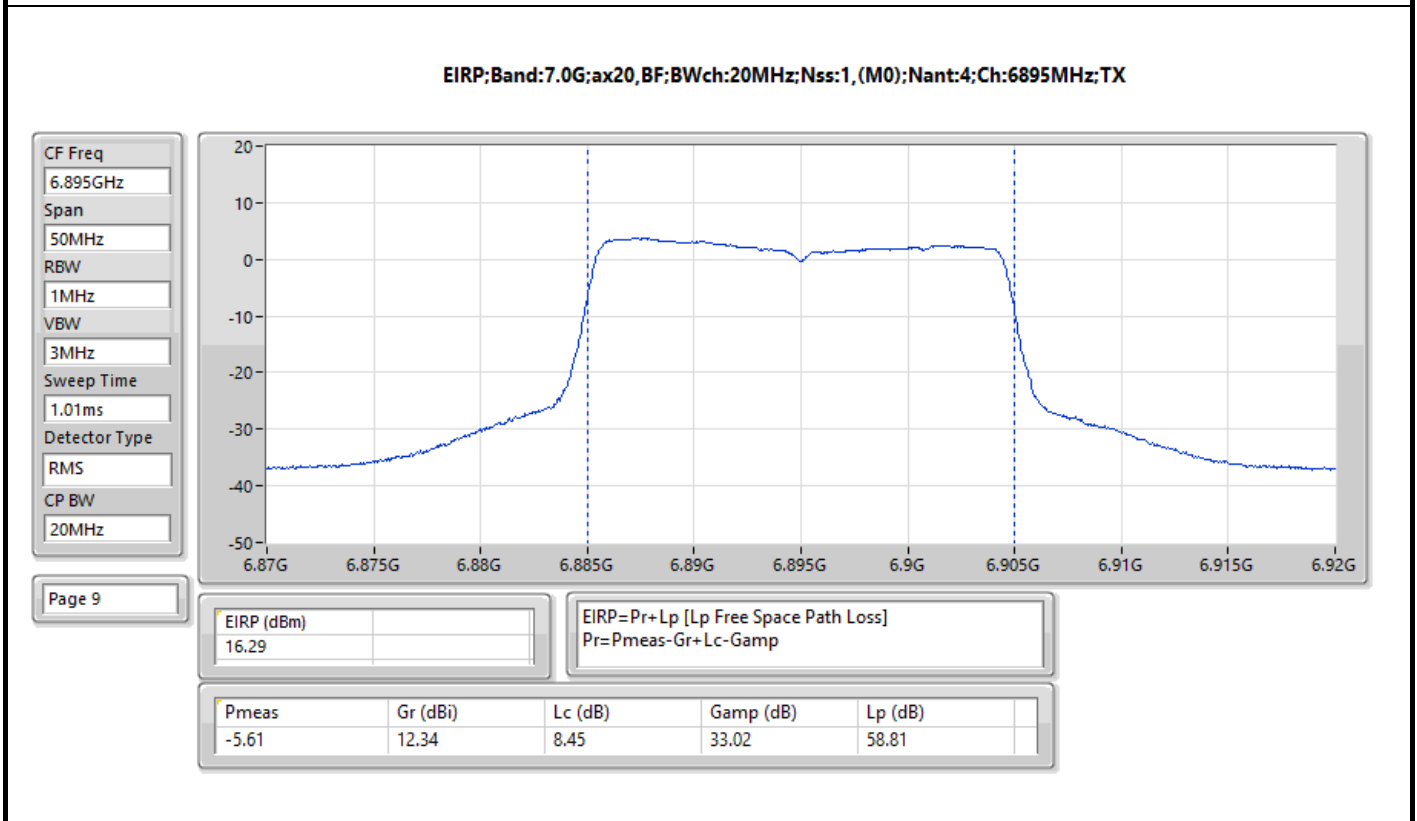
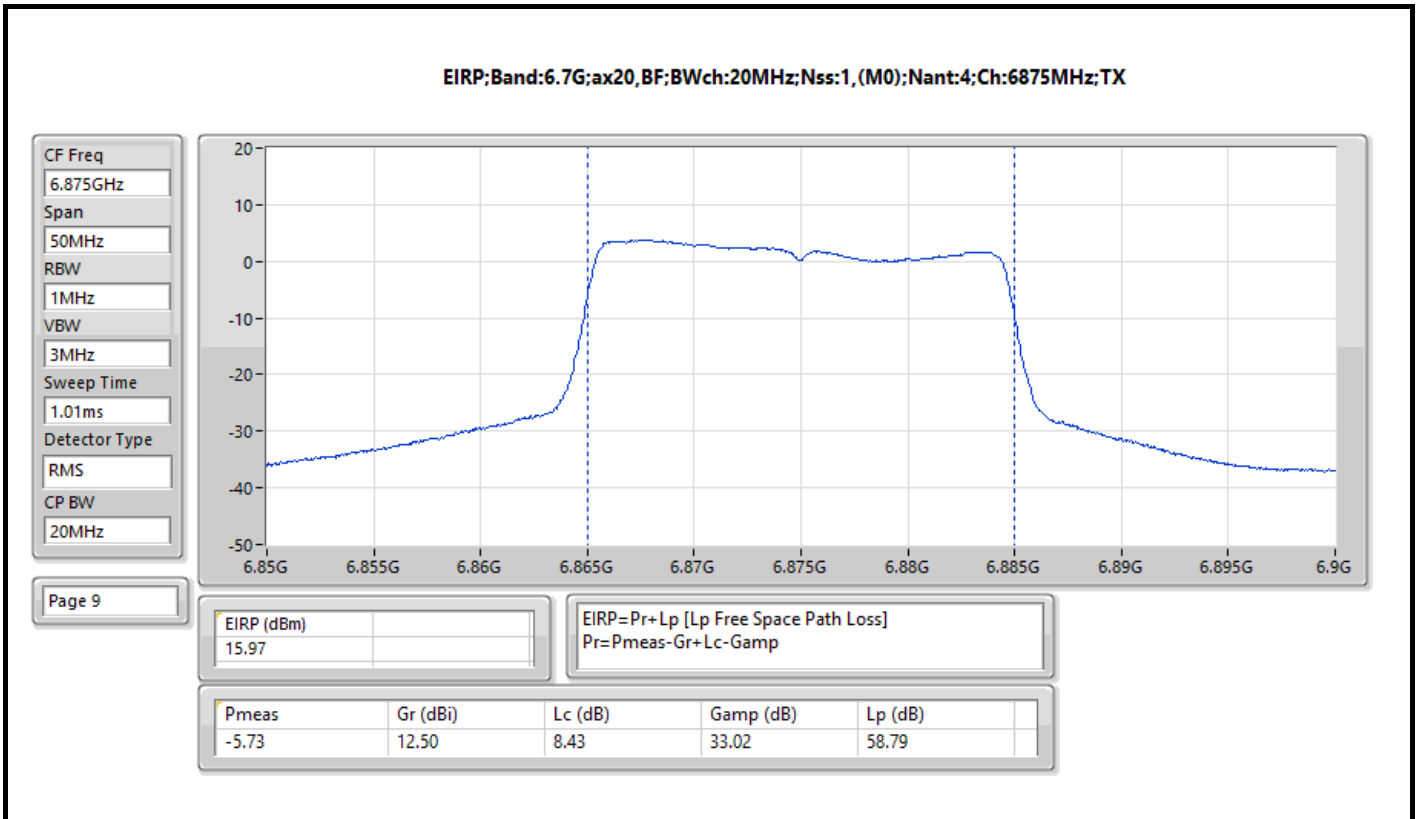




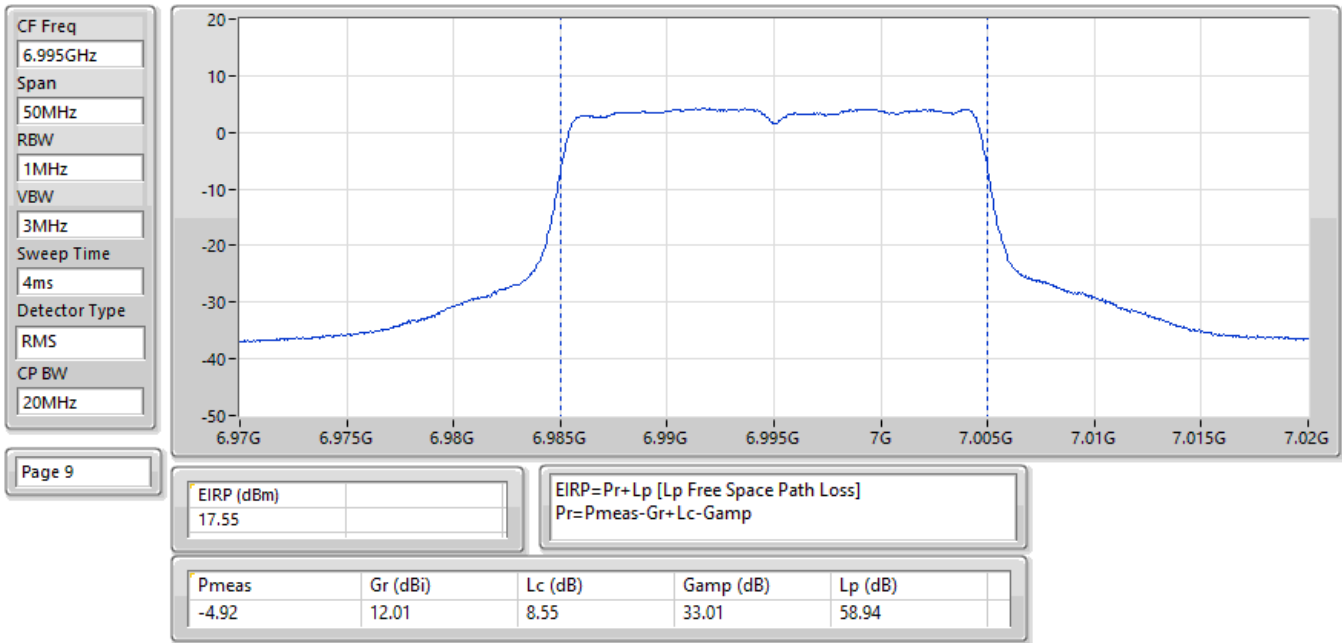




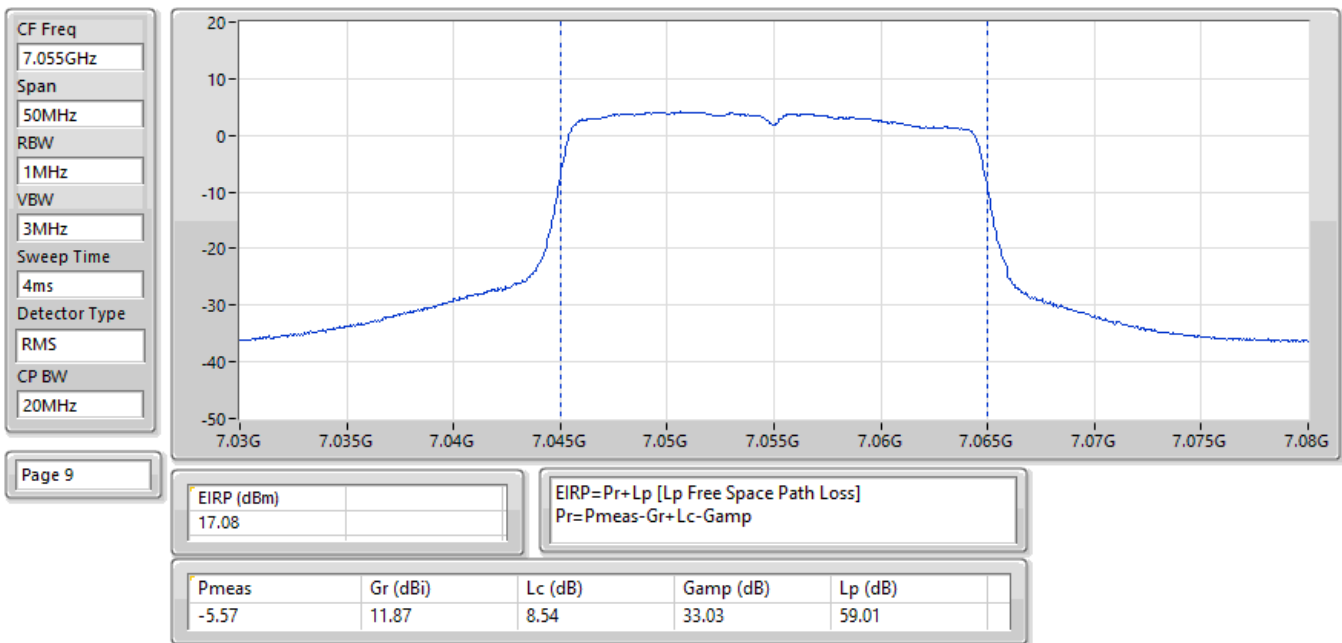


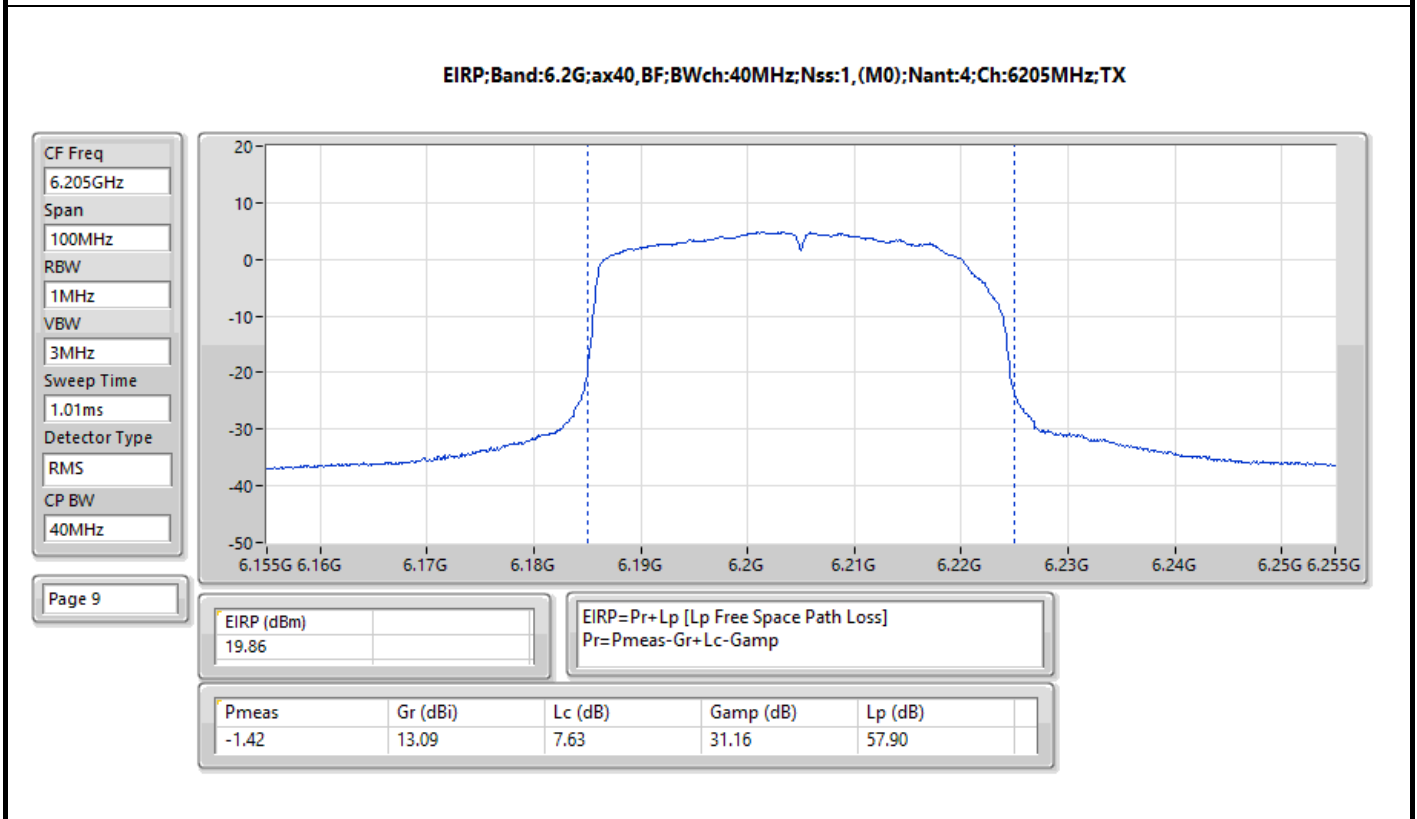
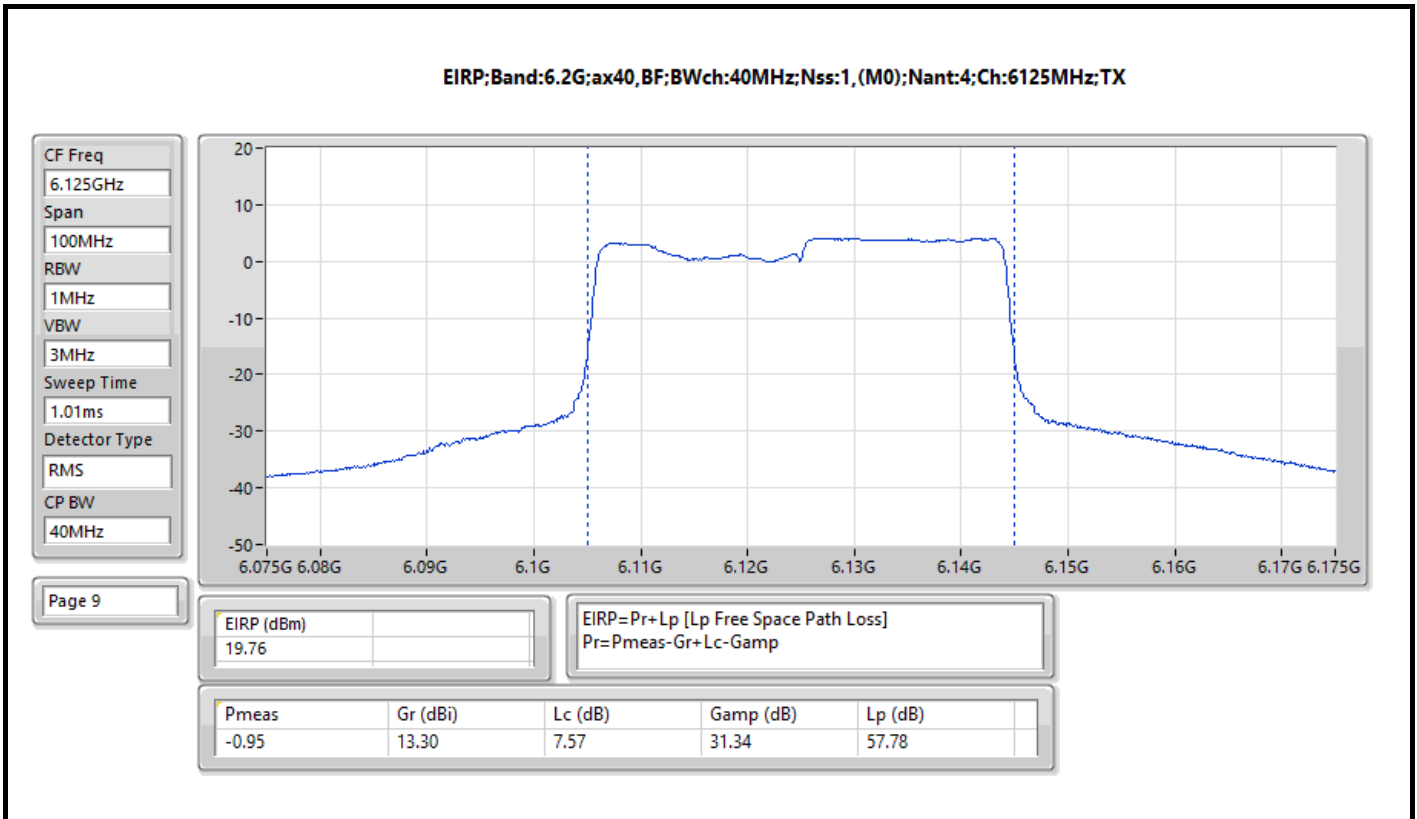


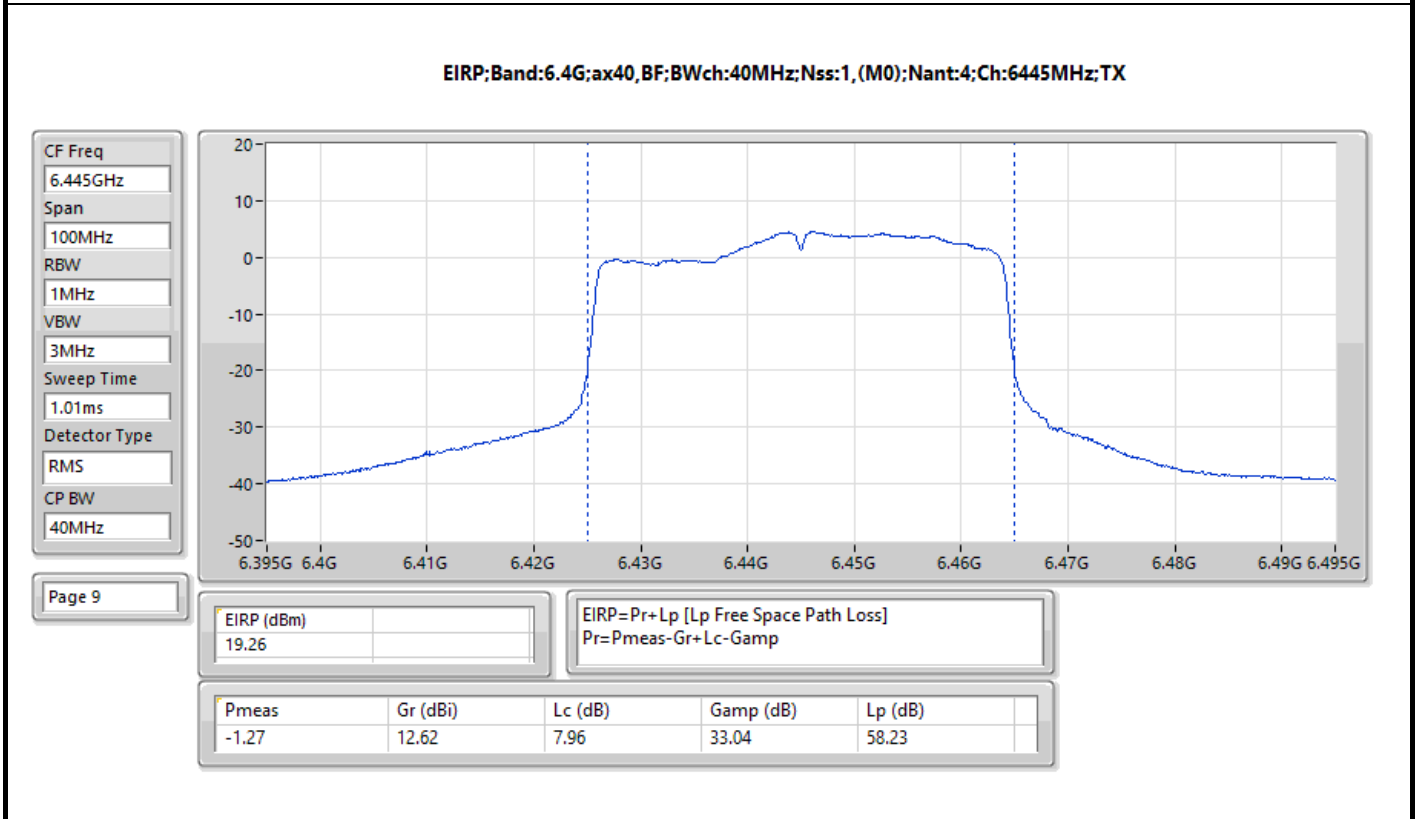
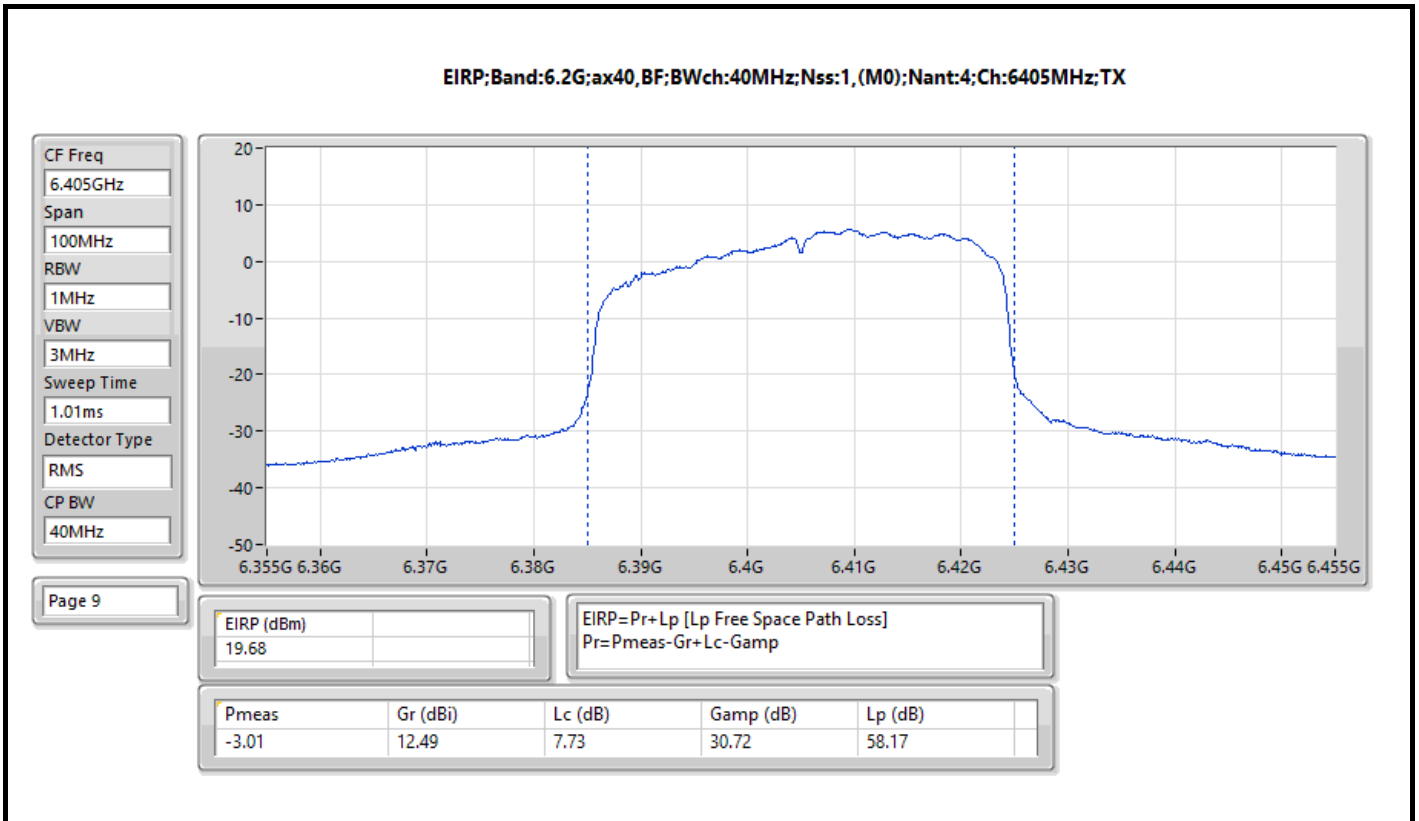
EIRP:Band:7.0G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6995MHz;TX

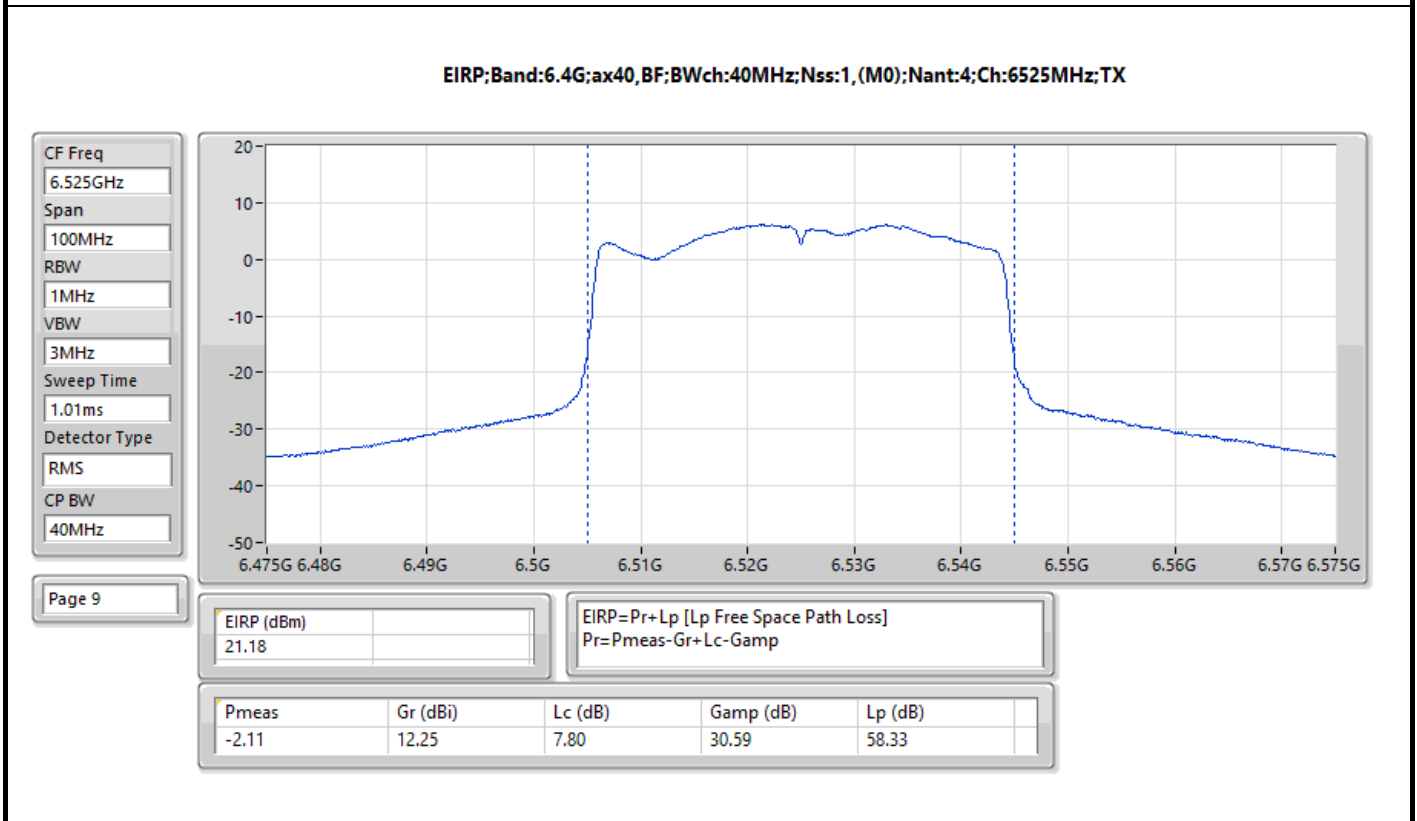
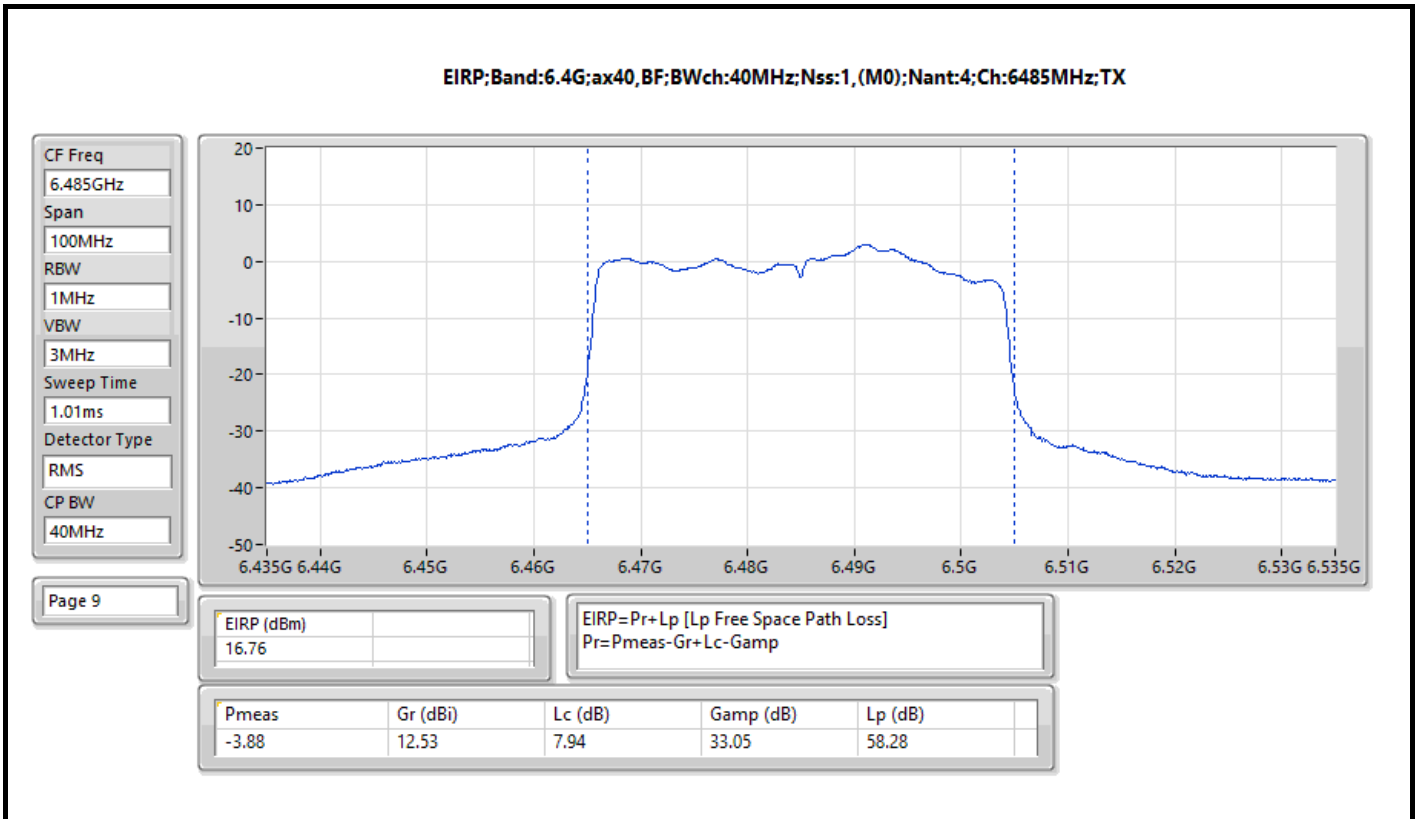


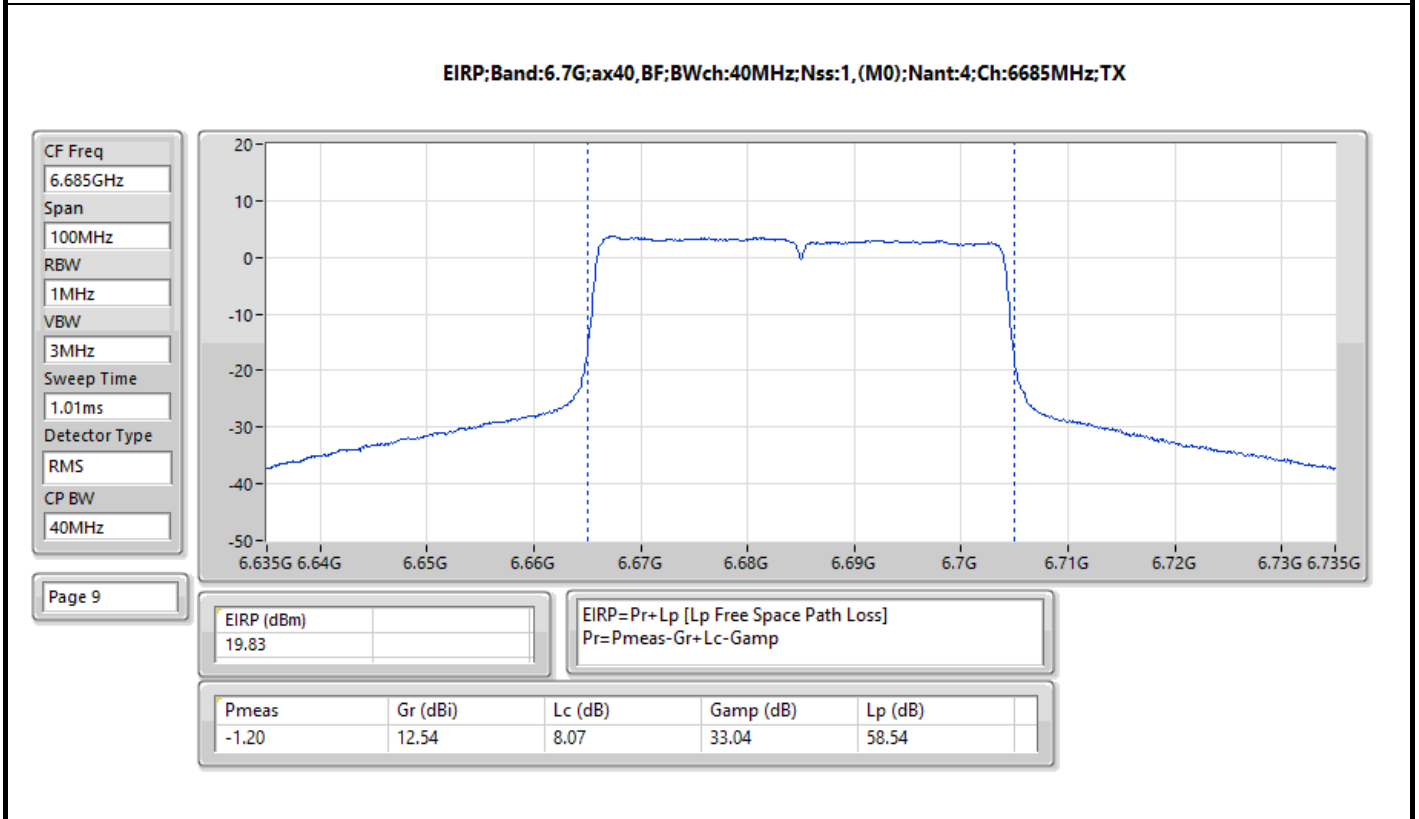
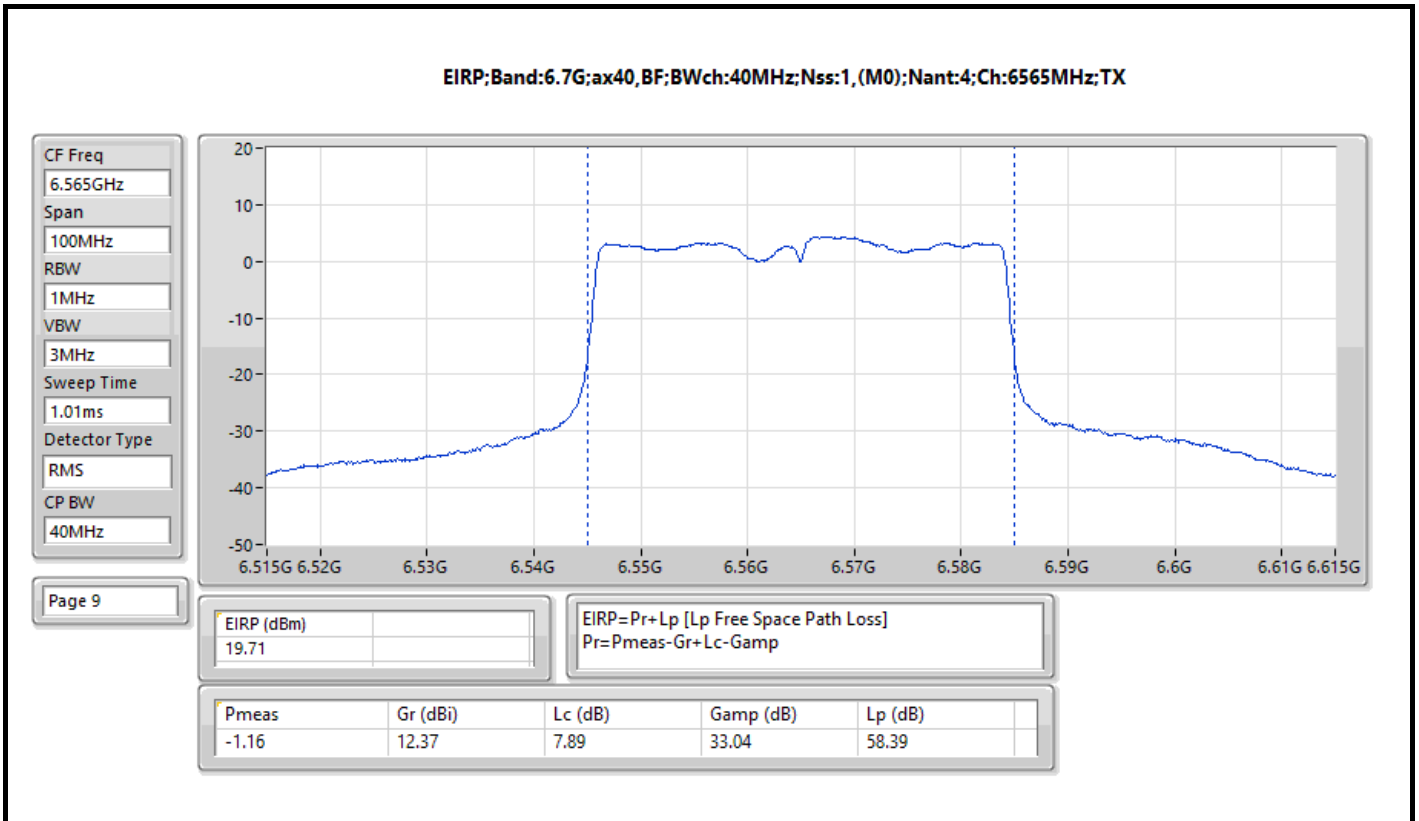
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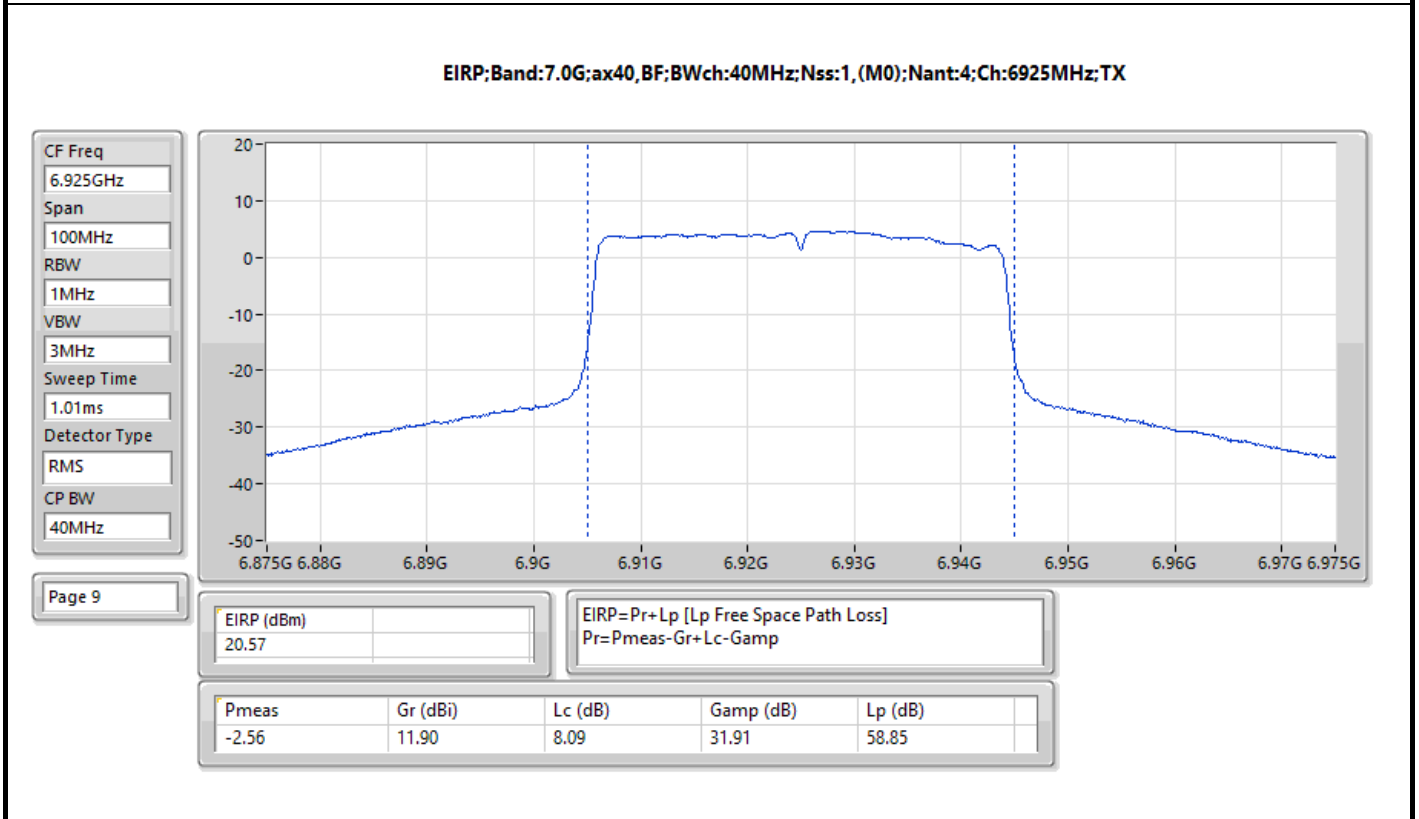
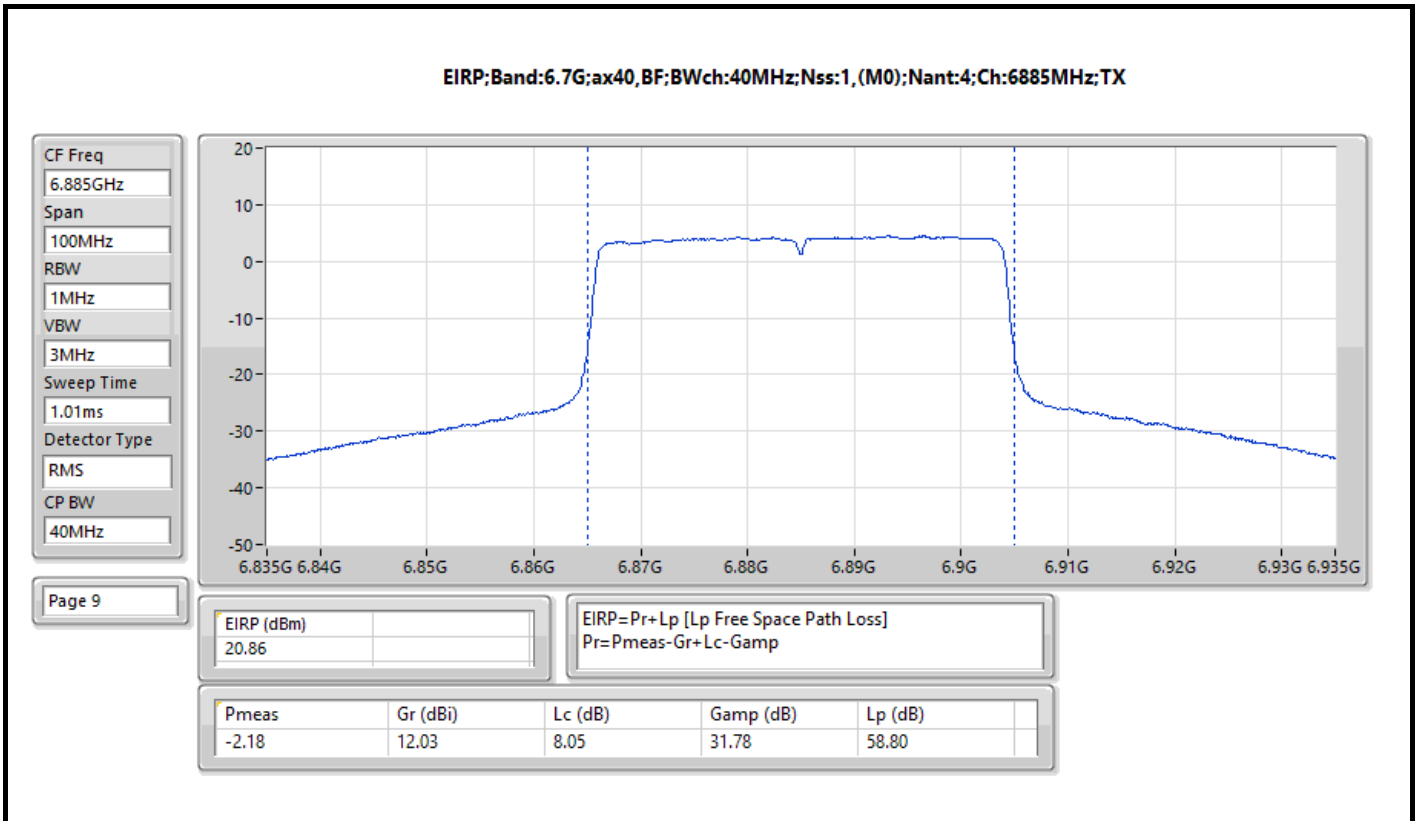


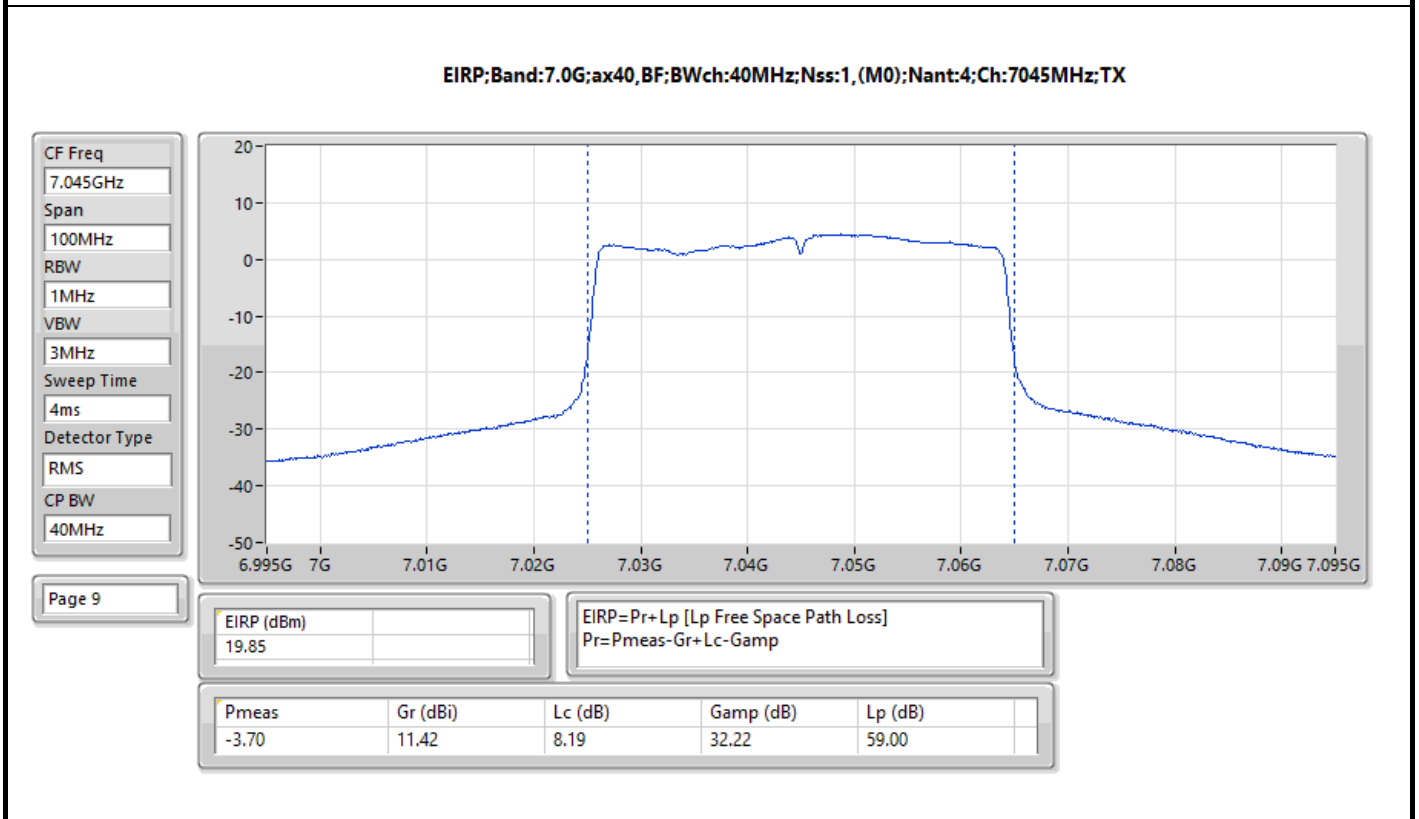
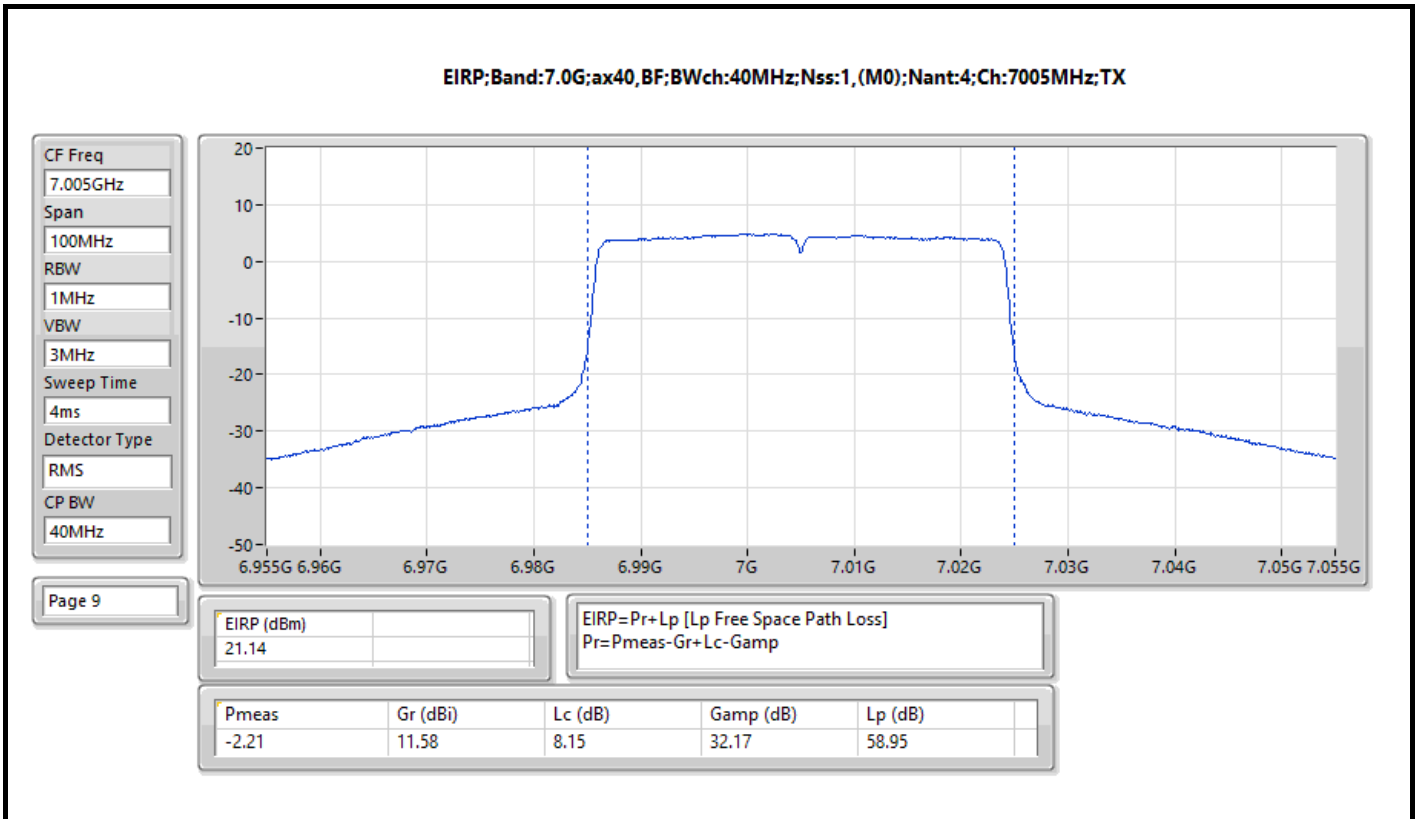


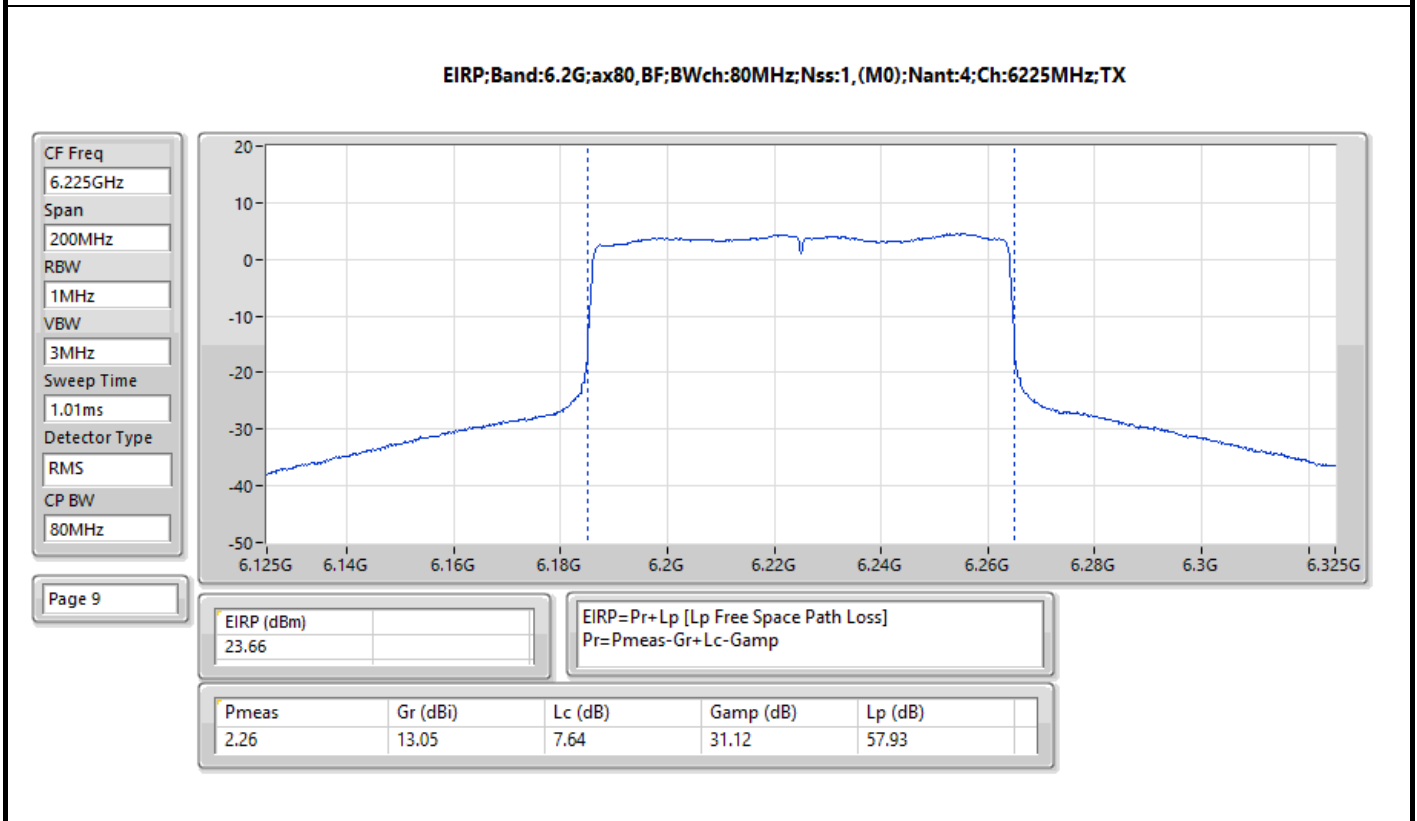
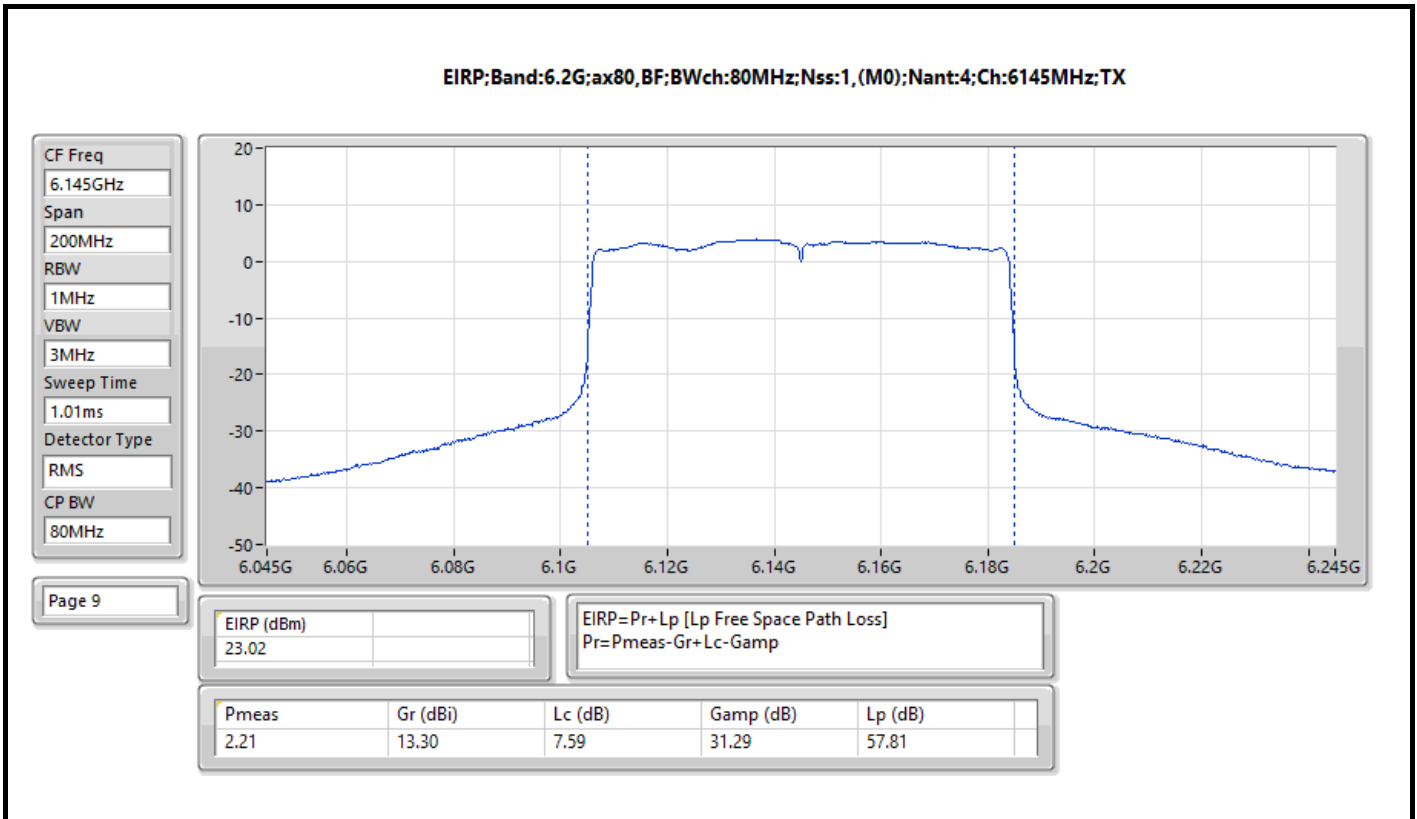


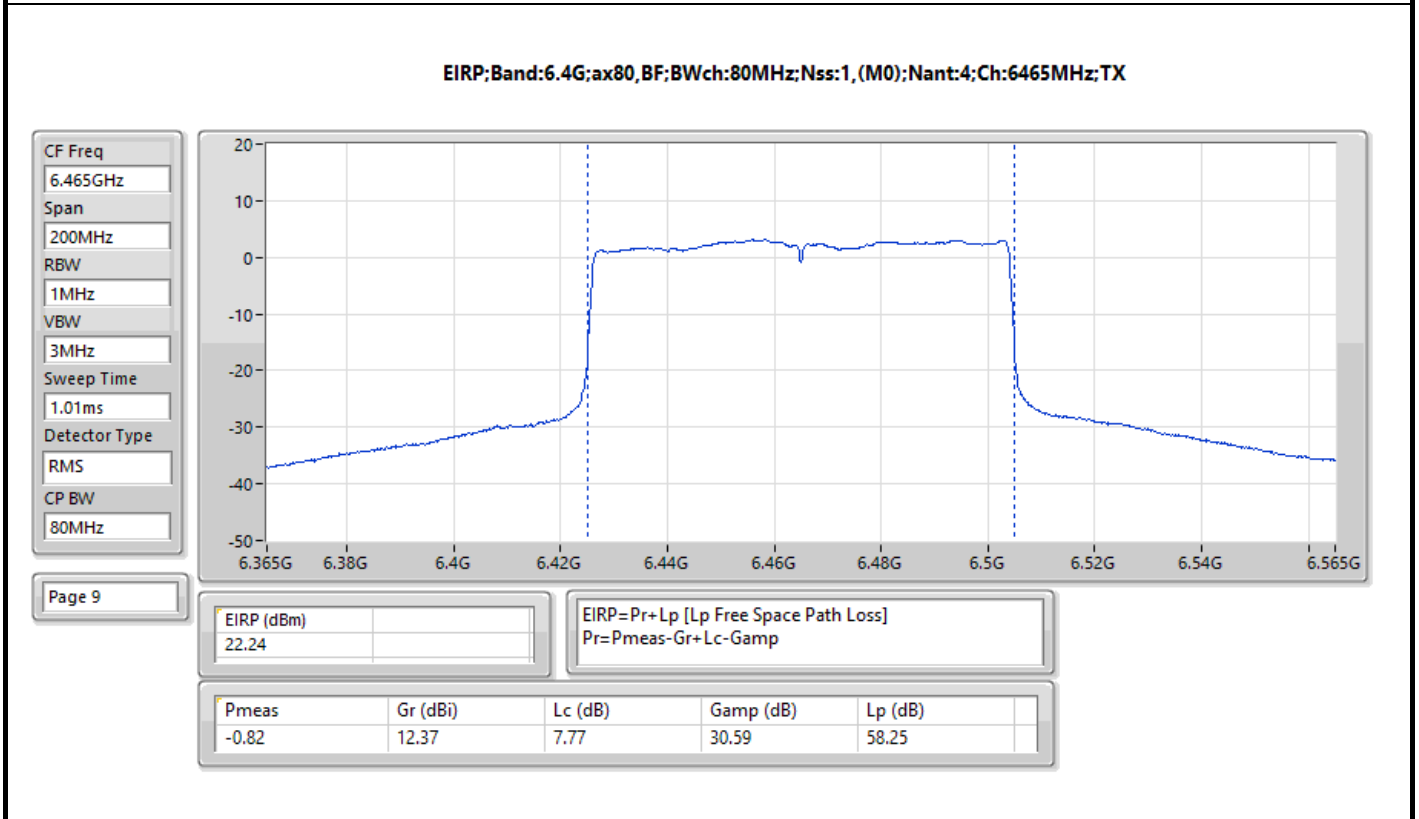
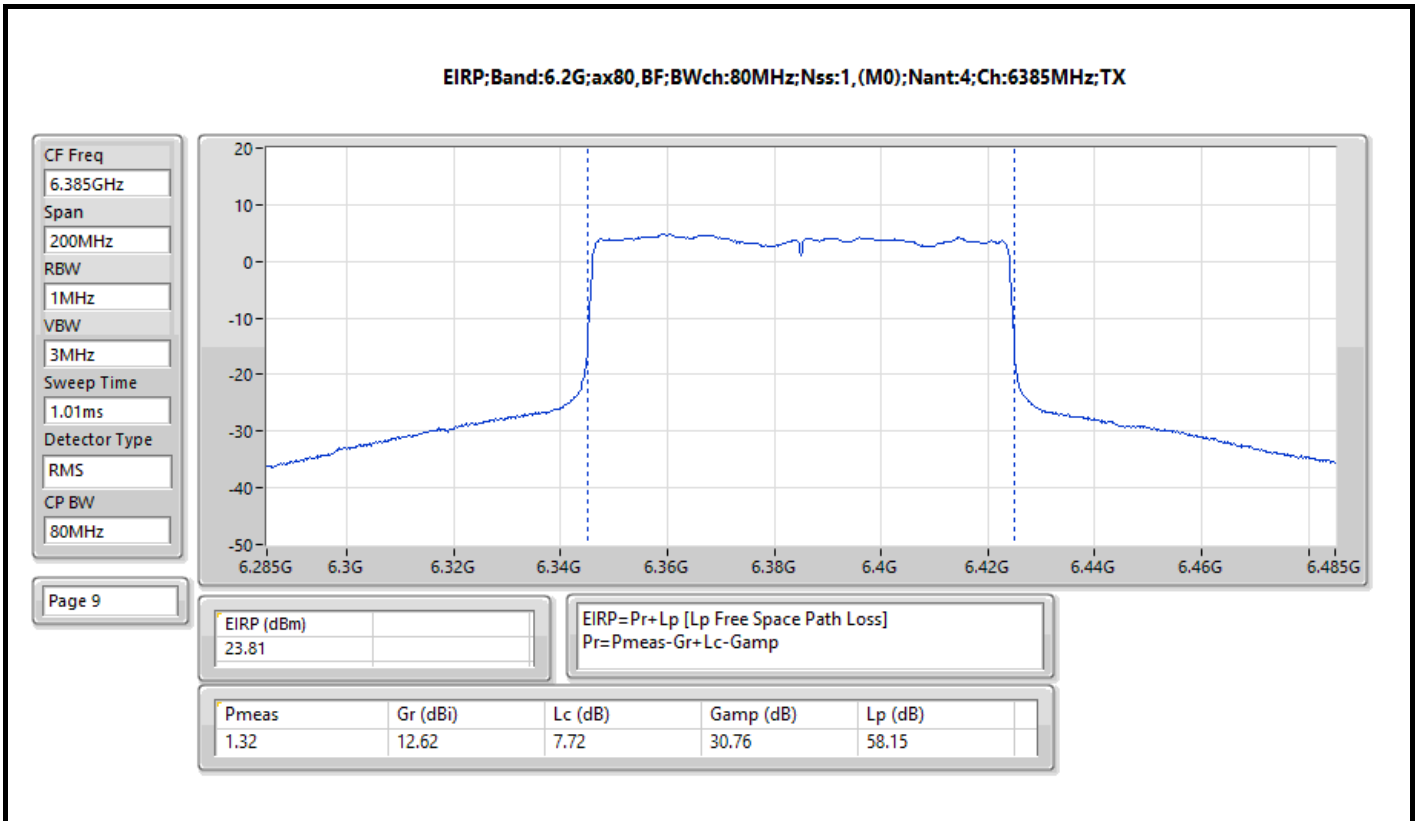


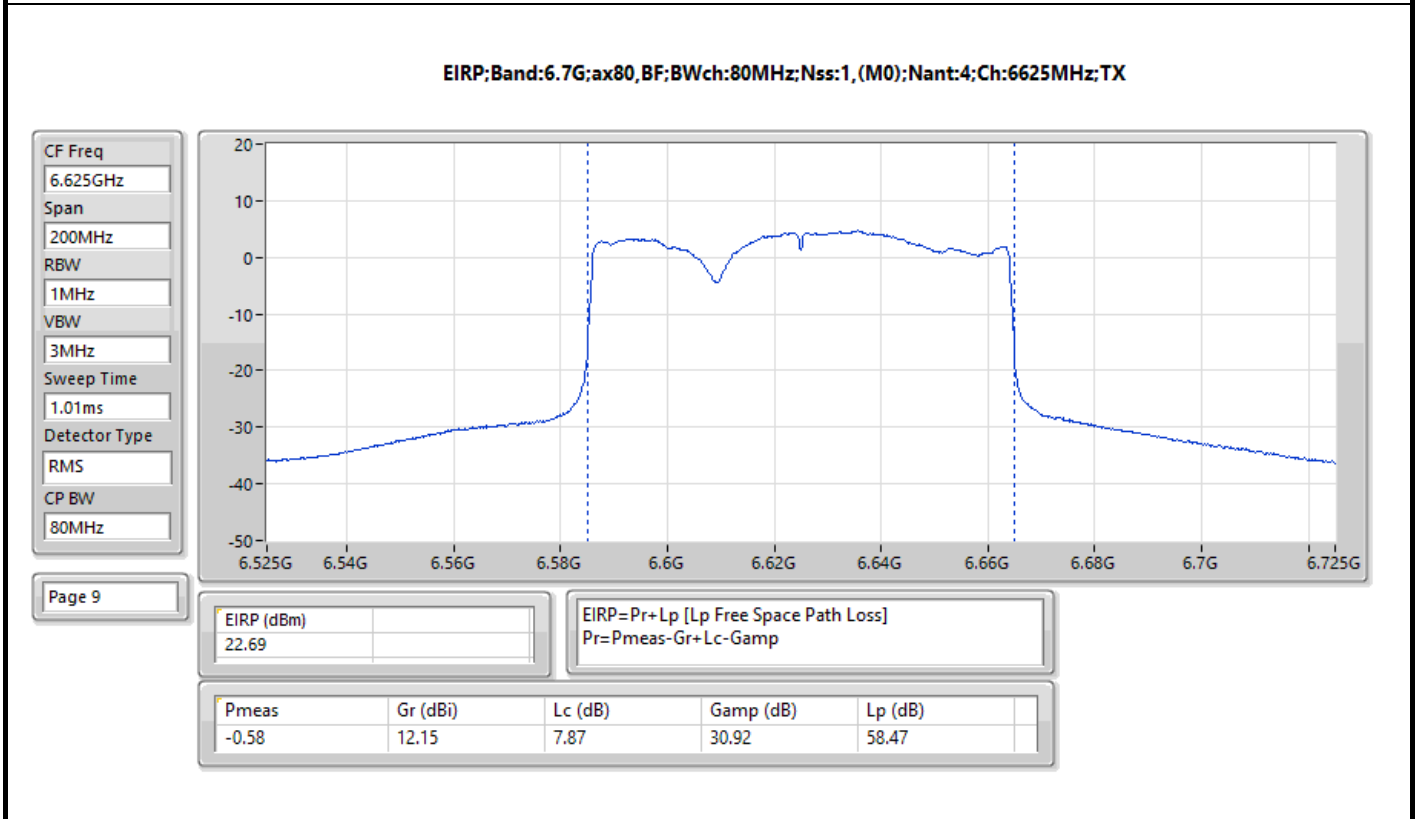
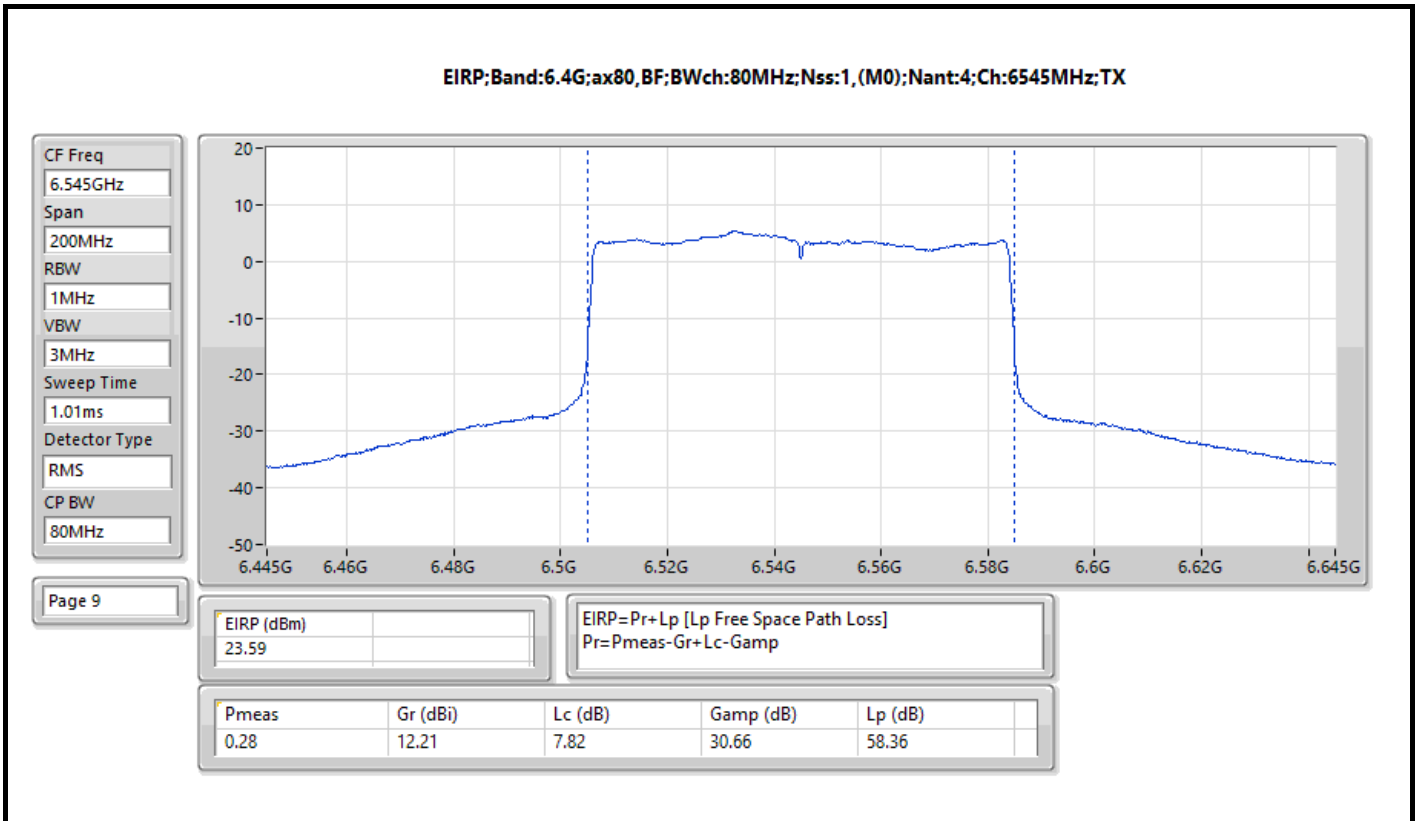


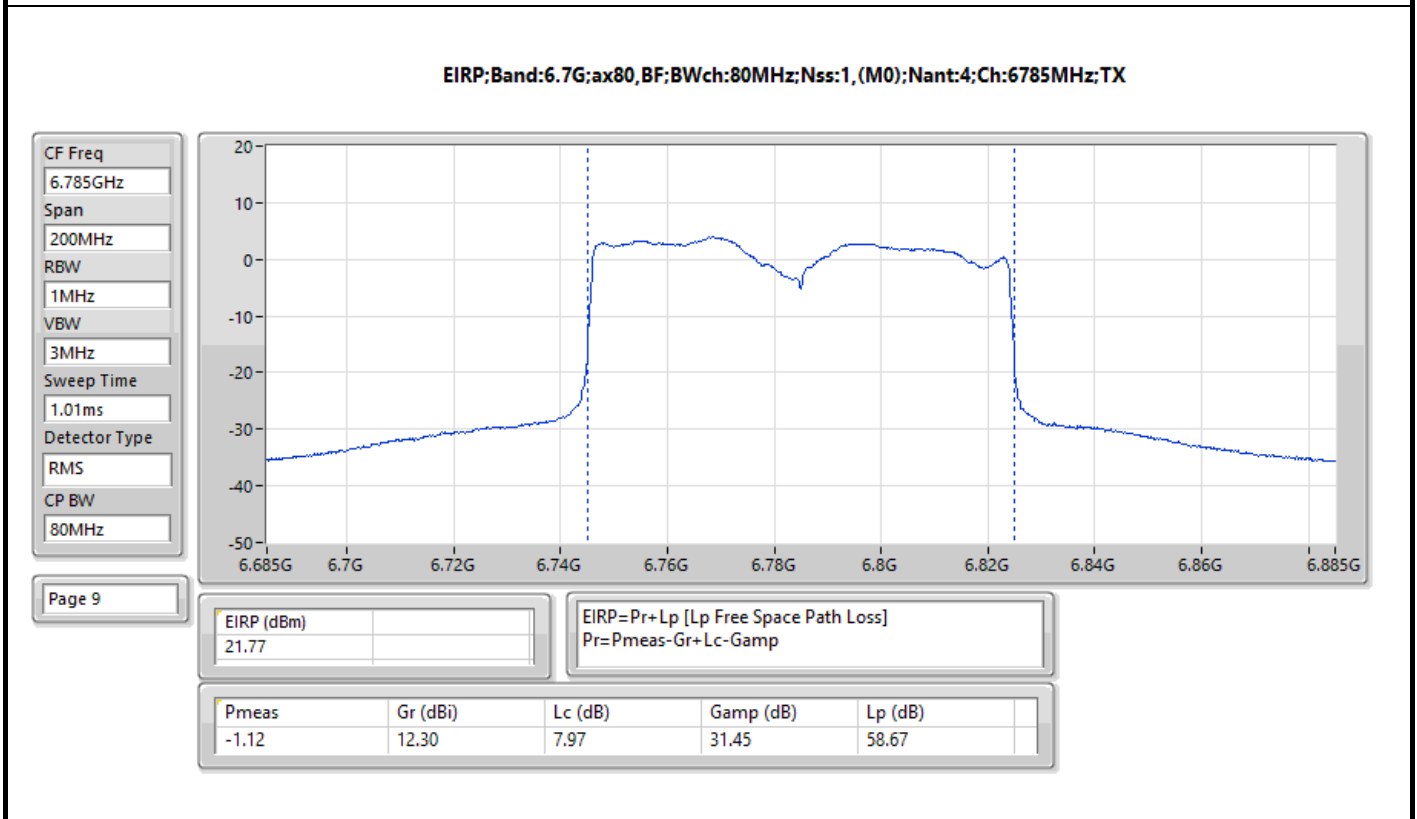
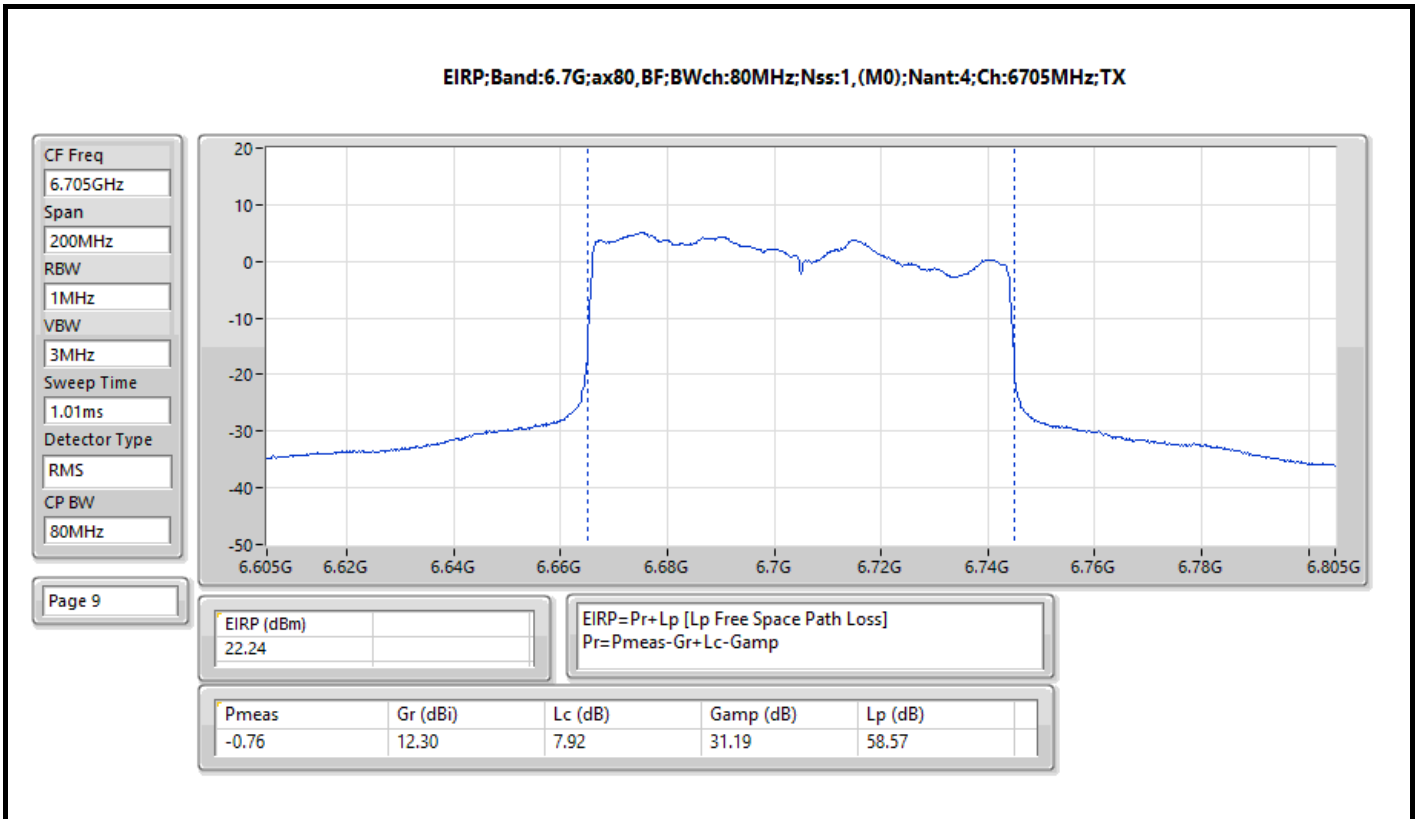


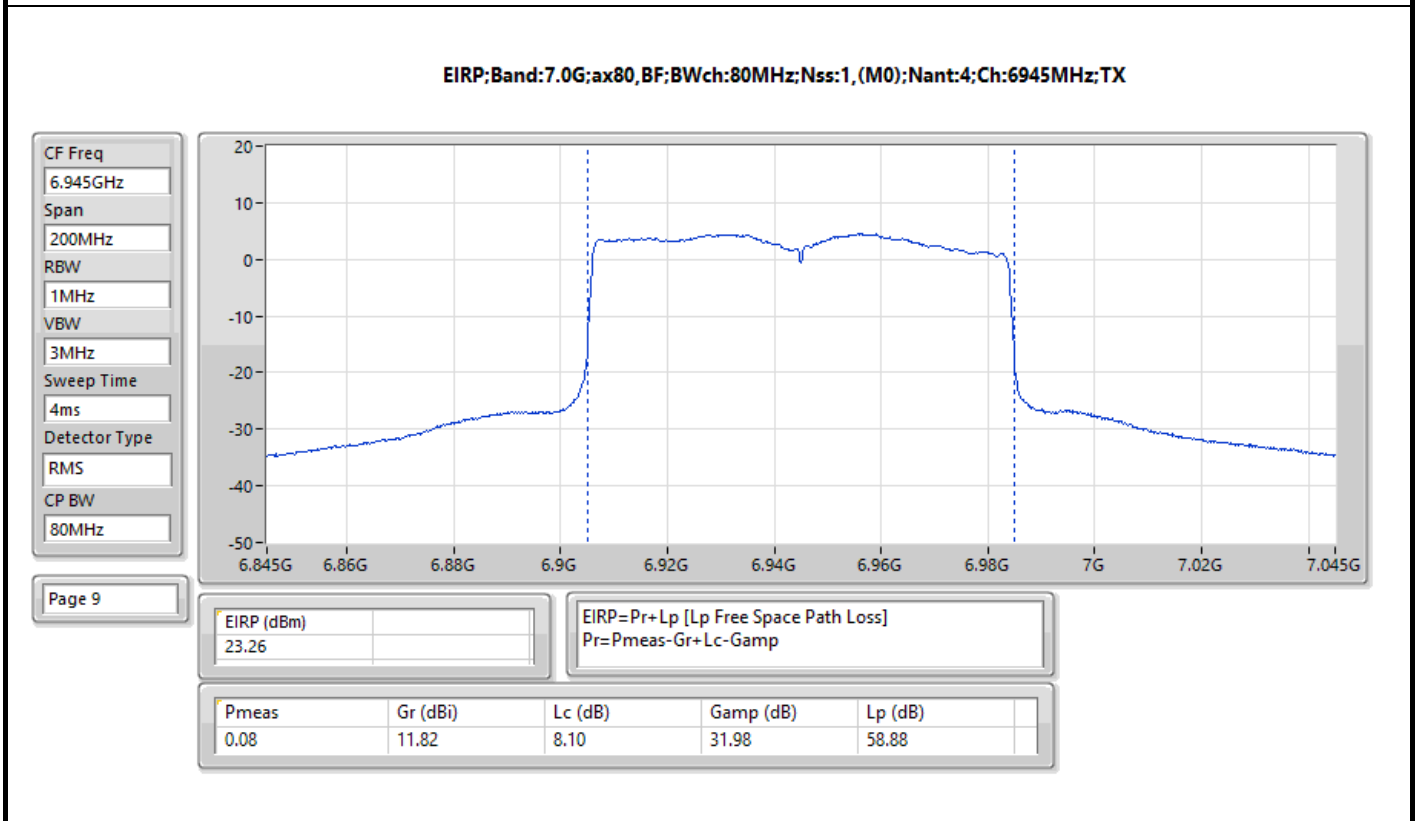
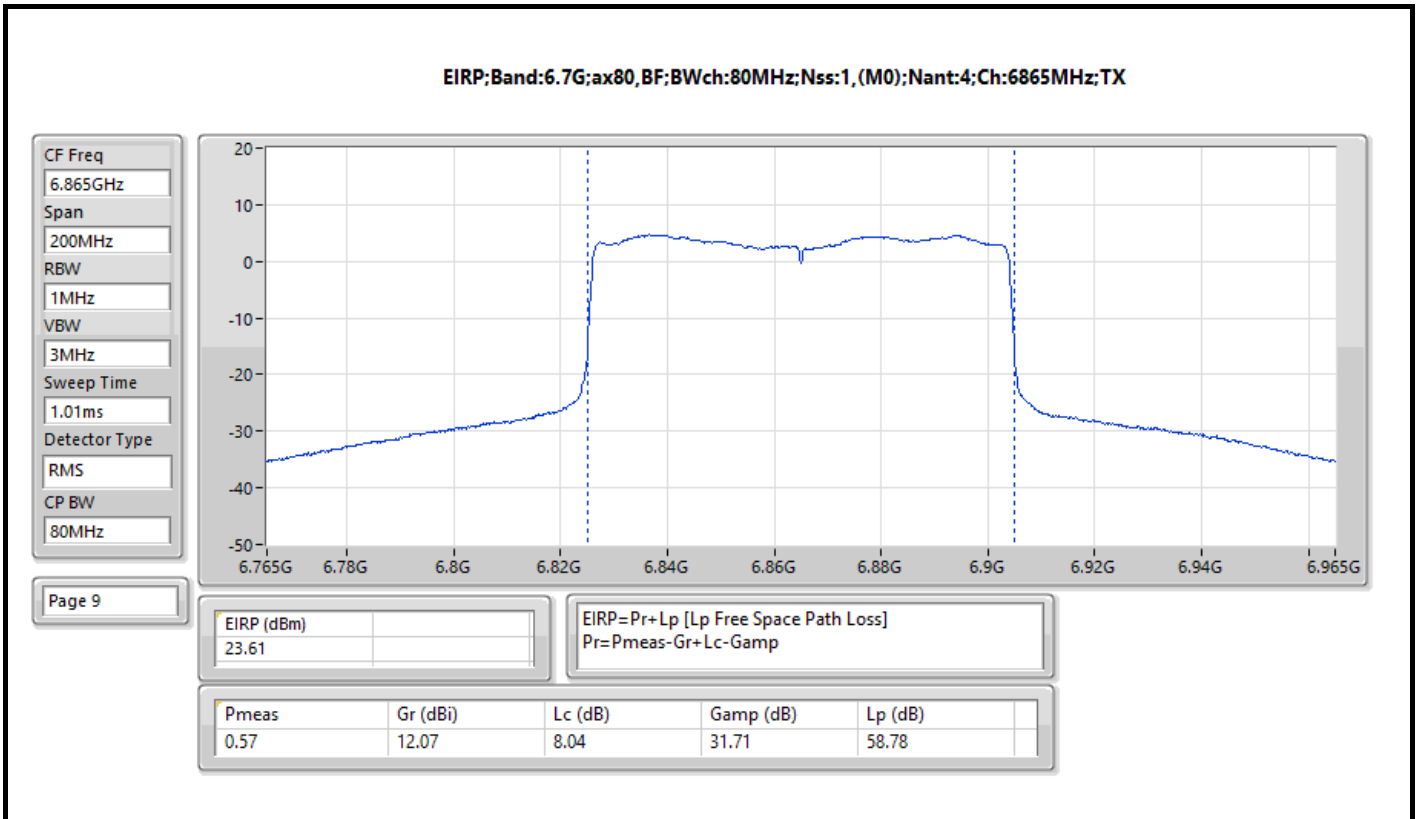


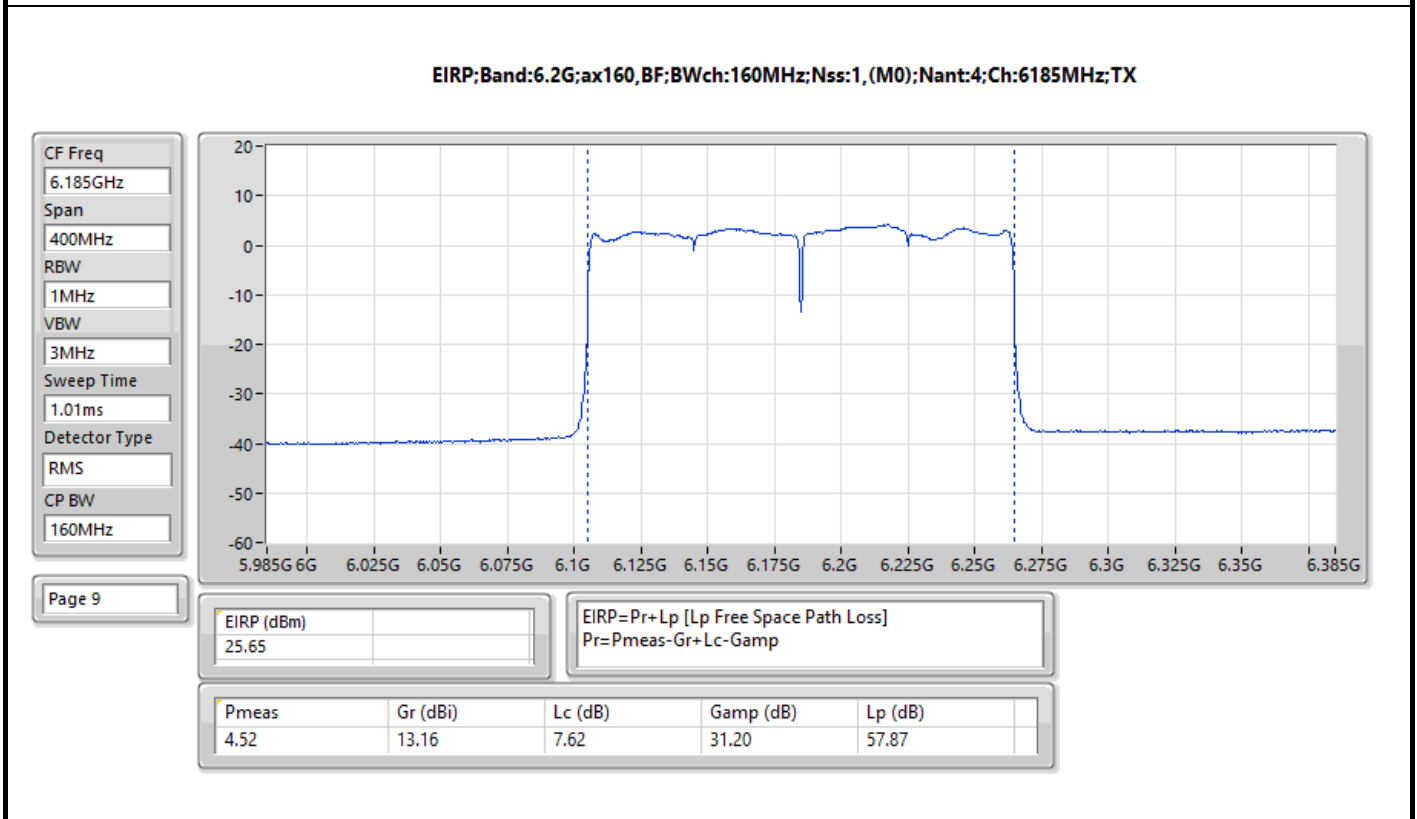
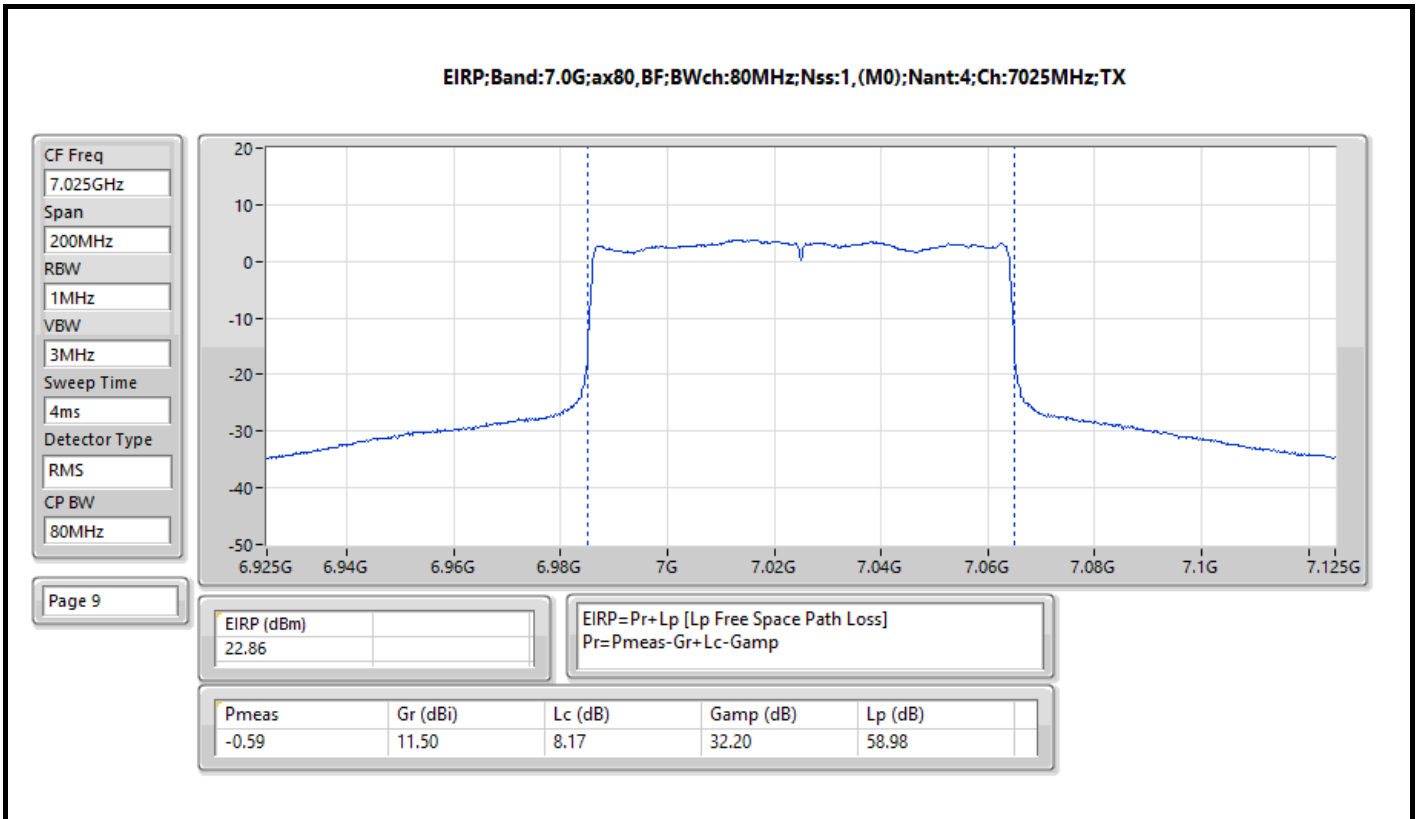


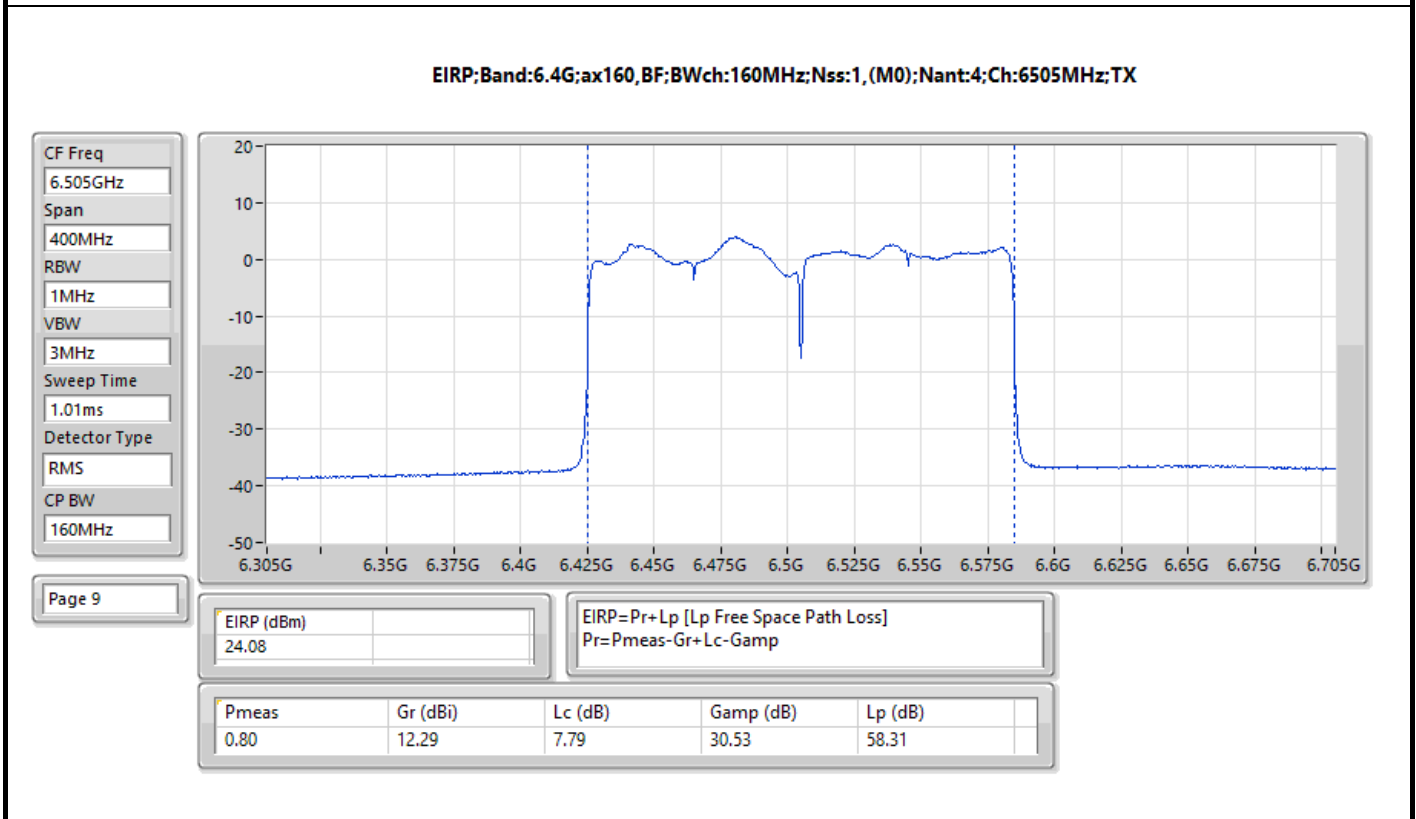
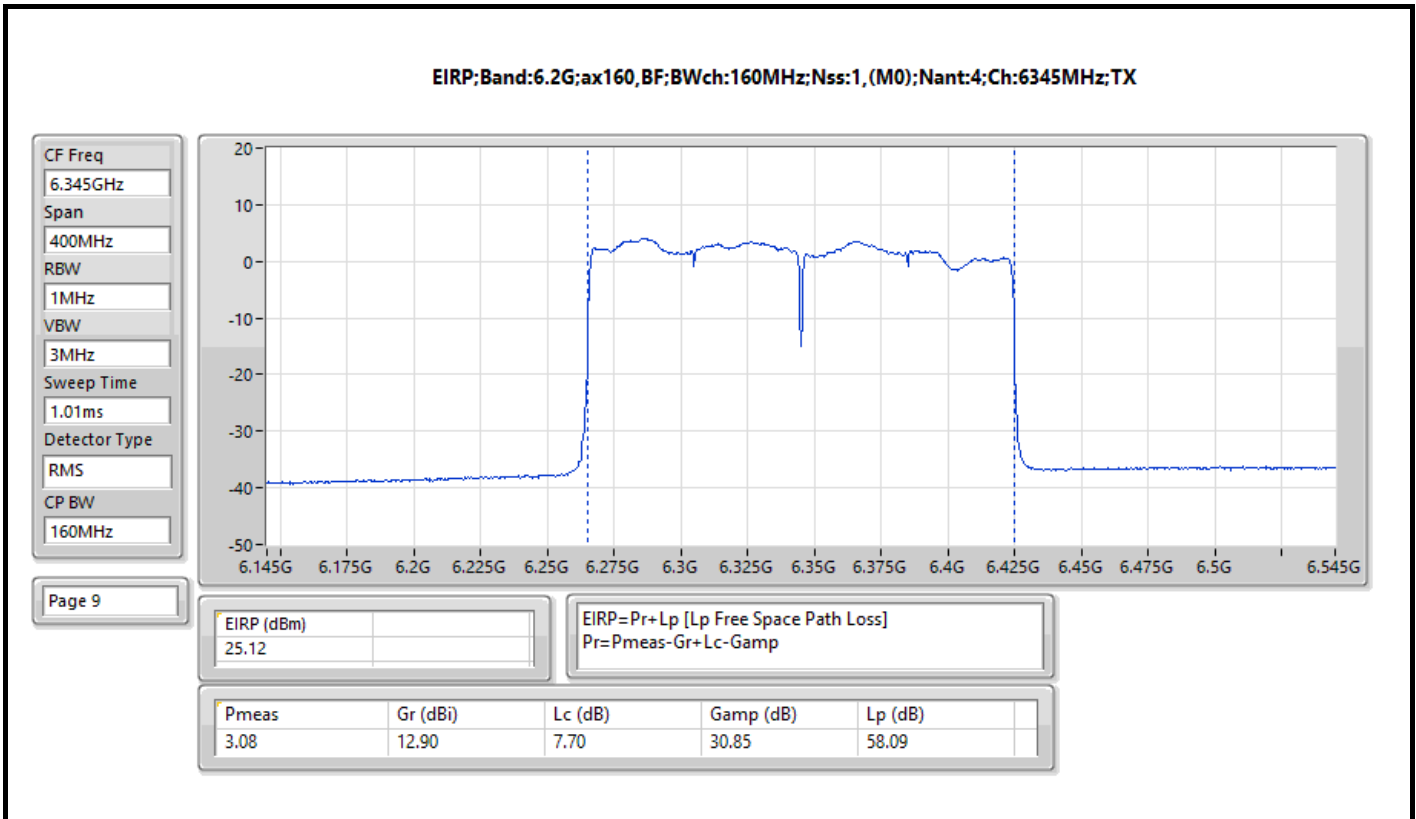


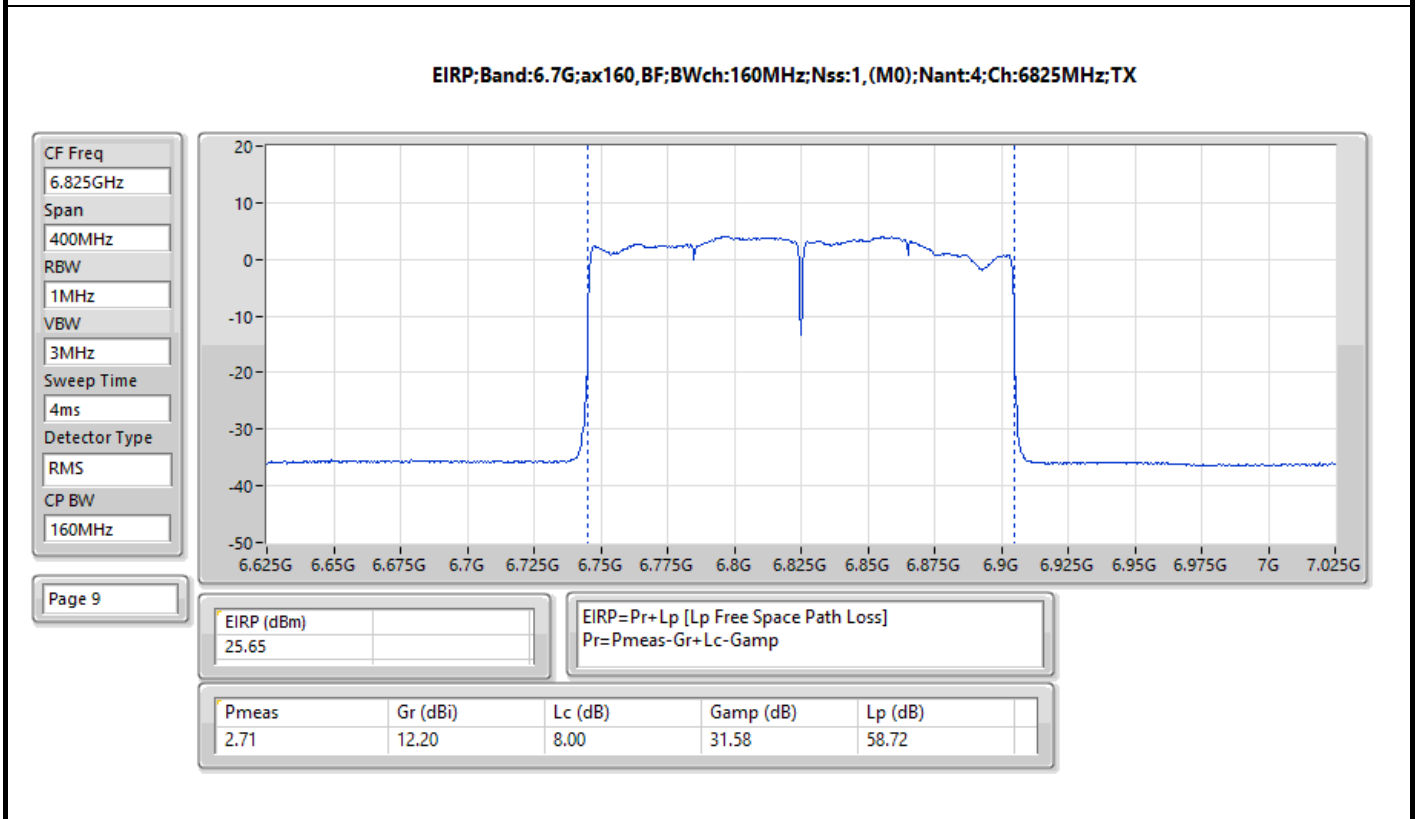
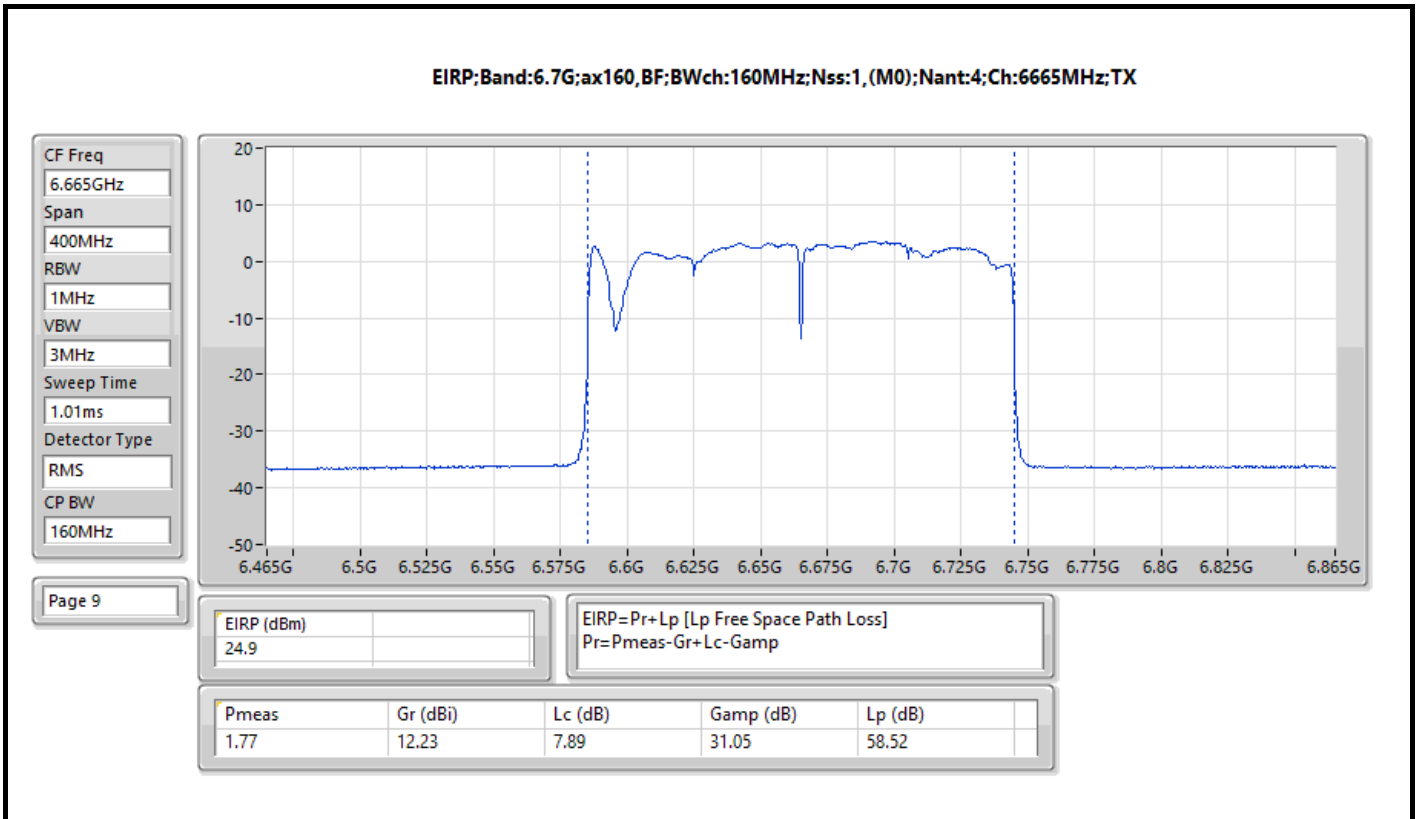


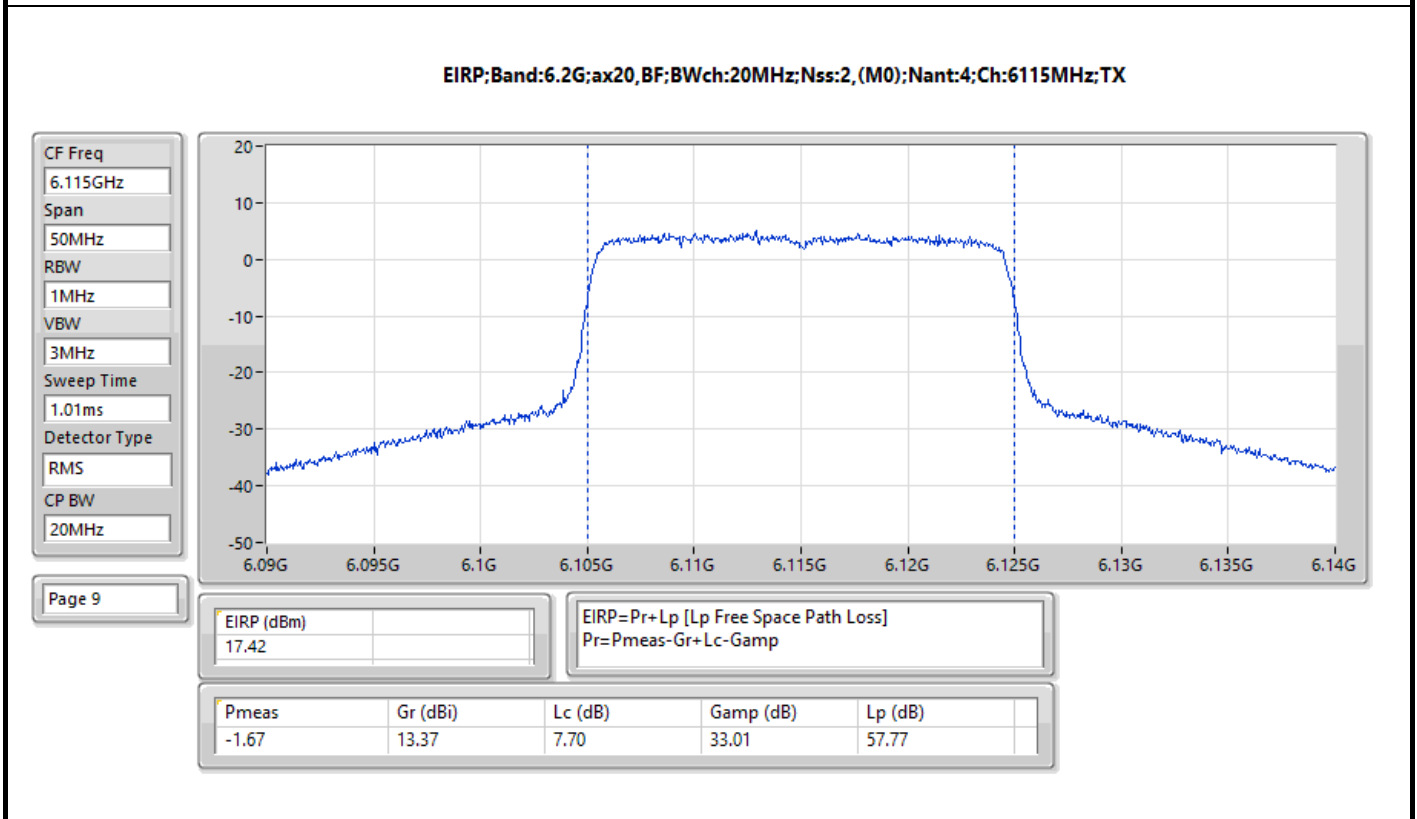
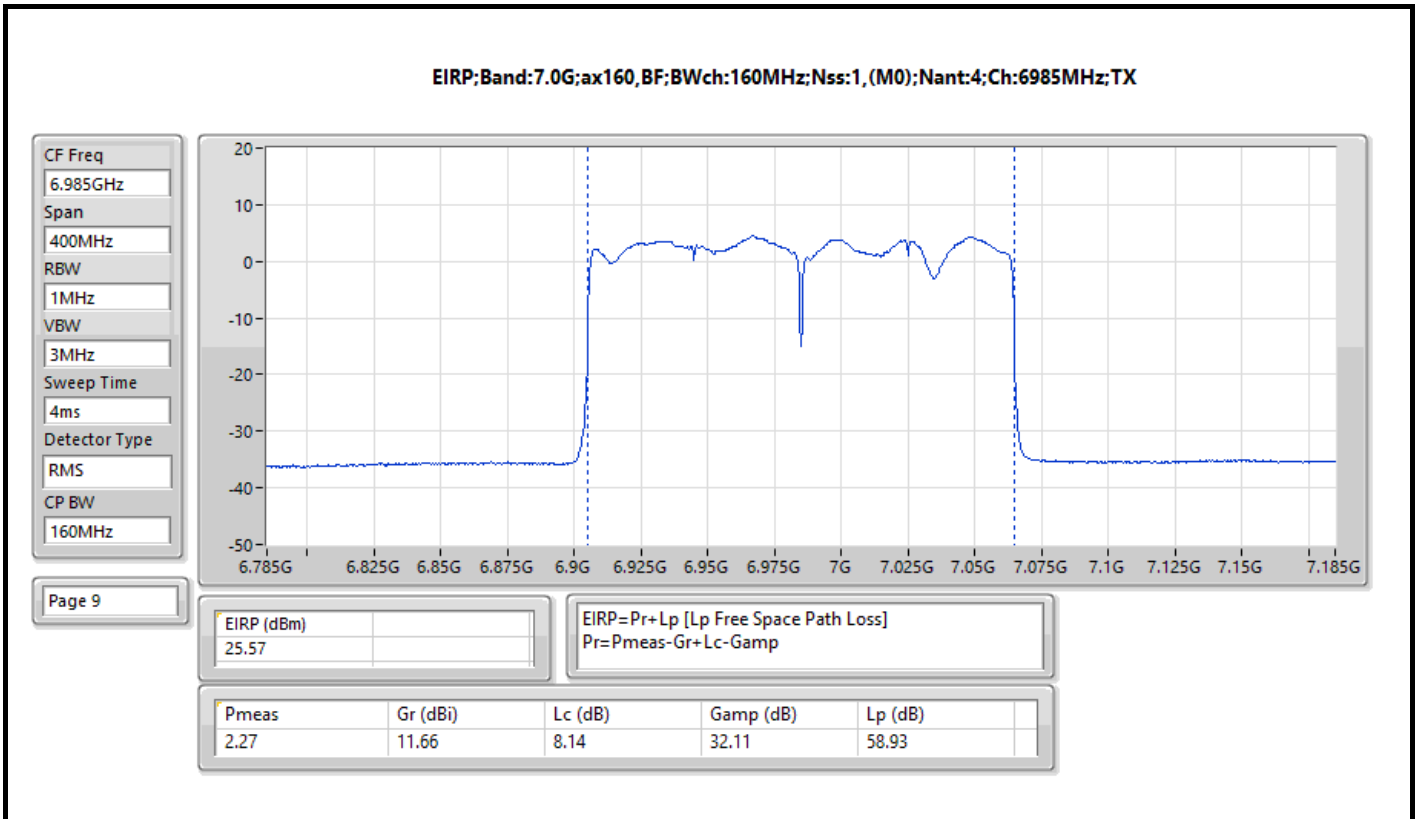


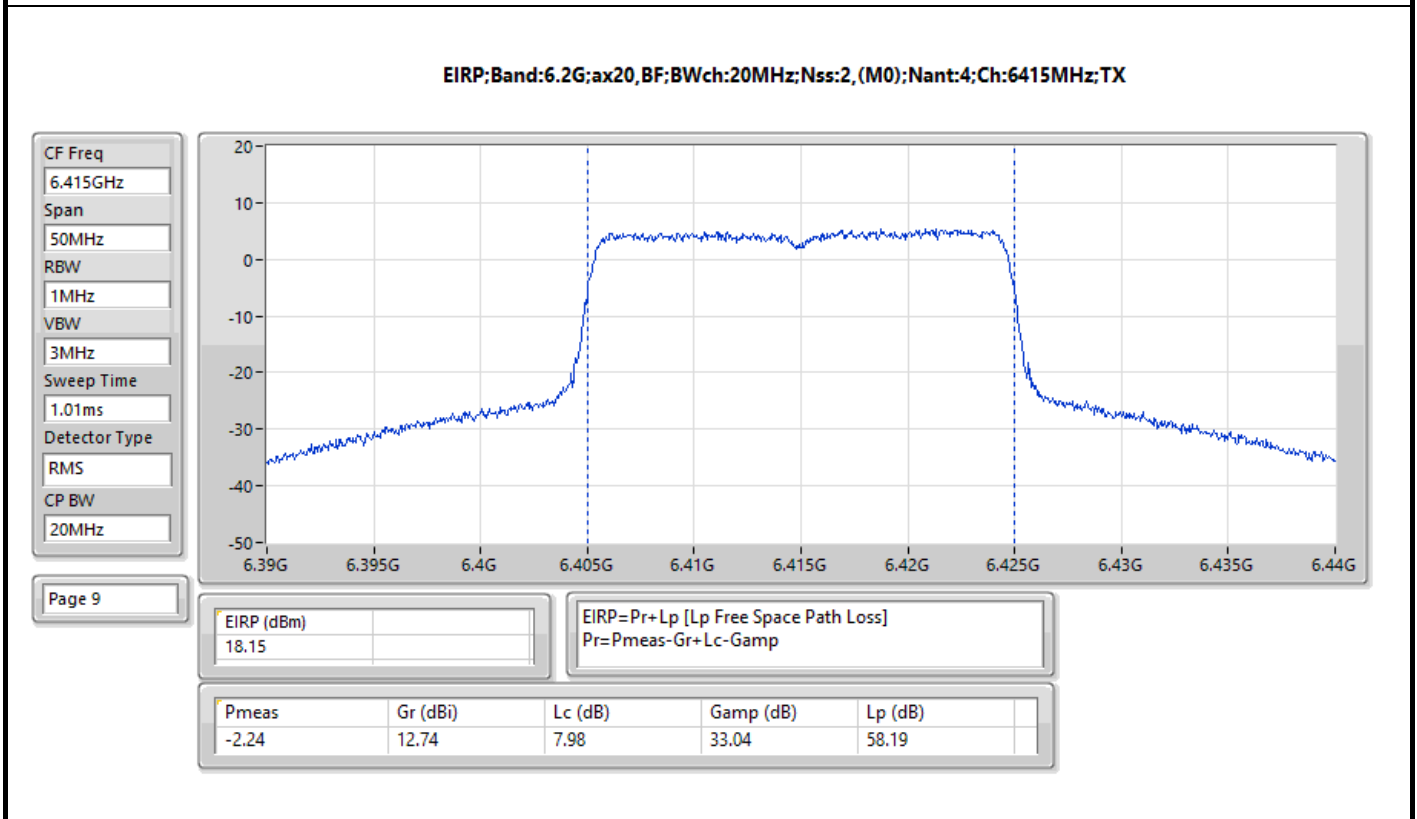
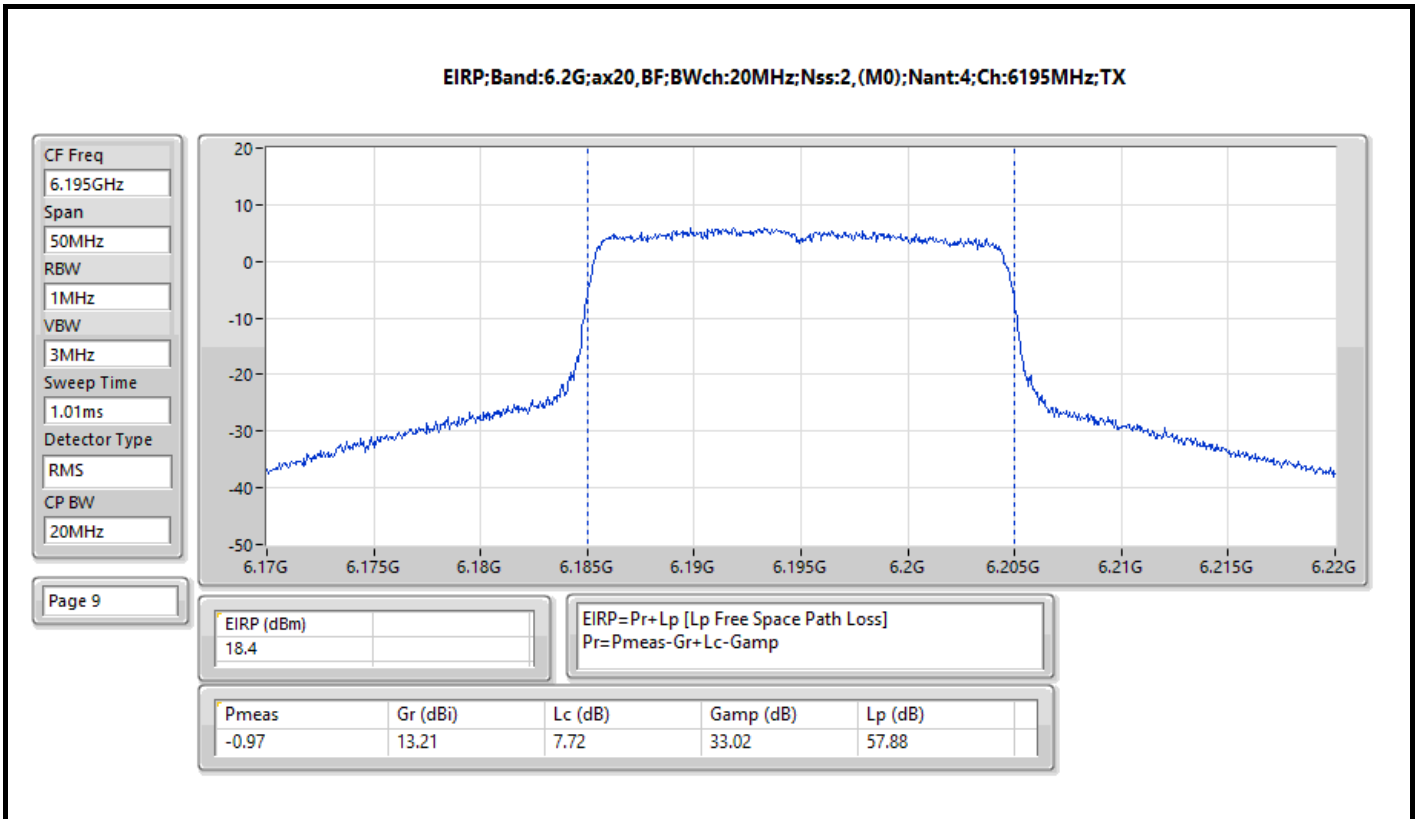




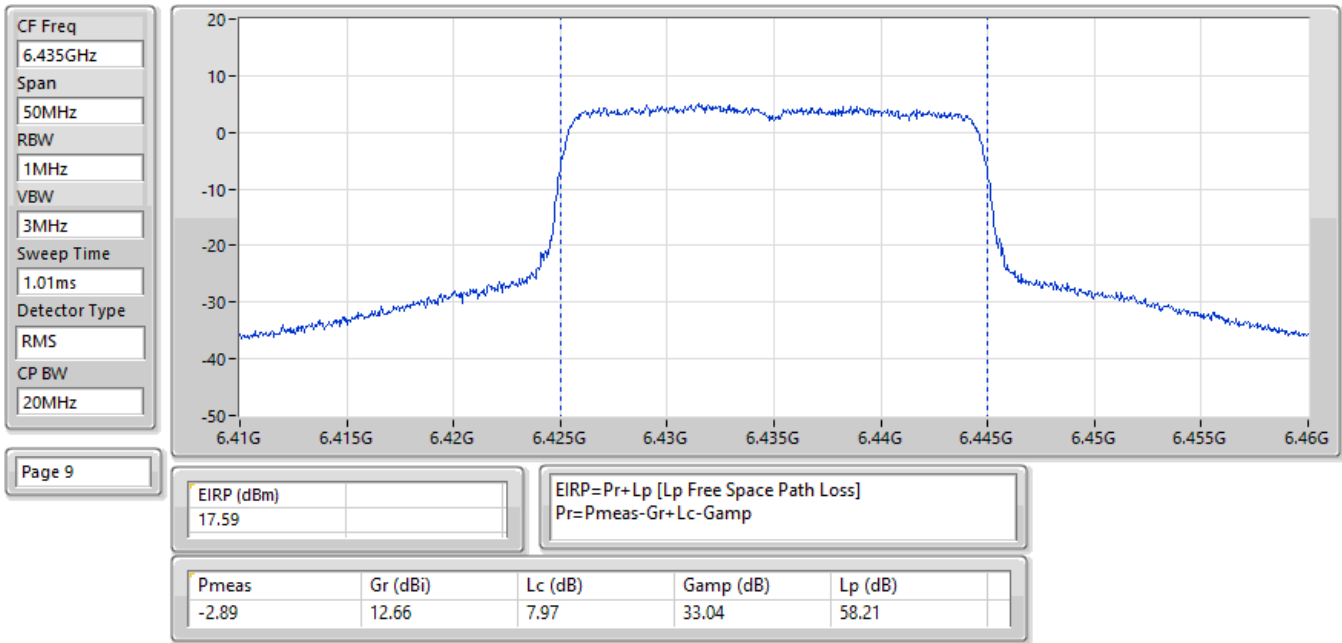




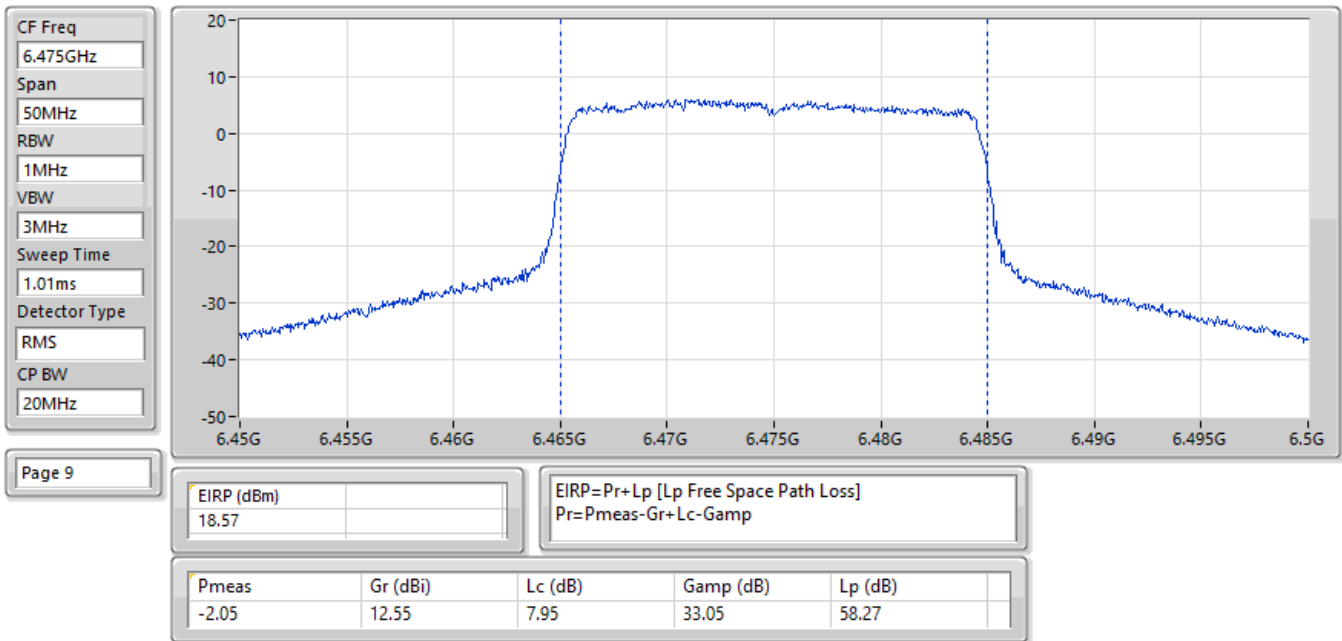




EIRP:Band:6.4G;ax20,BF;BWch:20MHz;Nss:2,(M0);Nant:4;Ch:6435MHz;TX



EIRP:Band:6.4G;ax20,BF;BWch:20MHz;Nss:2,(M0);Nant:4;Ch:6475MHz;TX



EIRP:Band:6.4G;ax20,BF;BWch:20MHz;Nss:2,(M0);Nant:4;Ch:6515MHz;TX

CF Freq
6.515GHz

Span
50MHz

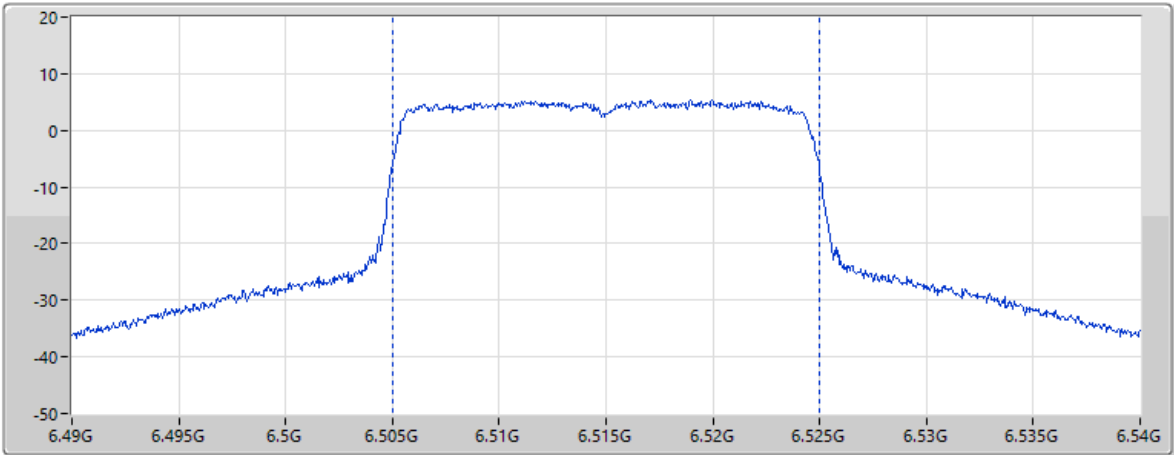
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
20MHz



Page 9

EIRP (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
18.26				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-2.46	12.47	7.92	33.05	58.32

EIRP:Band:6.7G;ax20,BF;BWch:20MHz;Nss:2,(M0);Nant:4;Ch:6535MHz;TX

CF Freq
6.535GHz

Span
50MHz

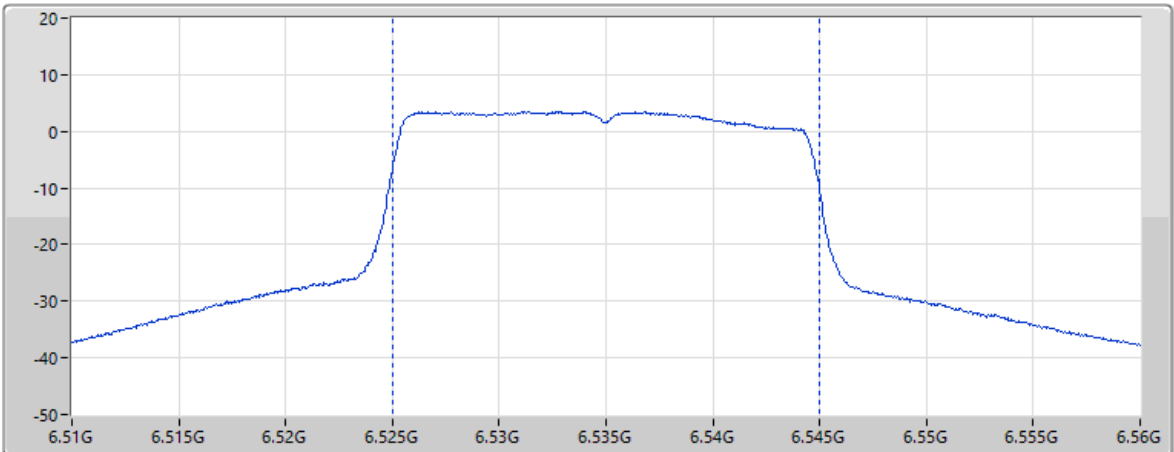
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

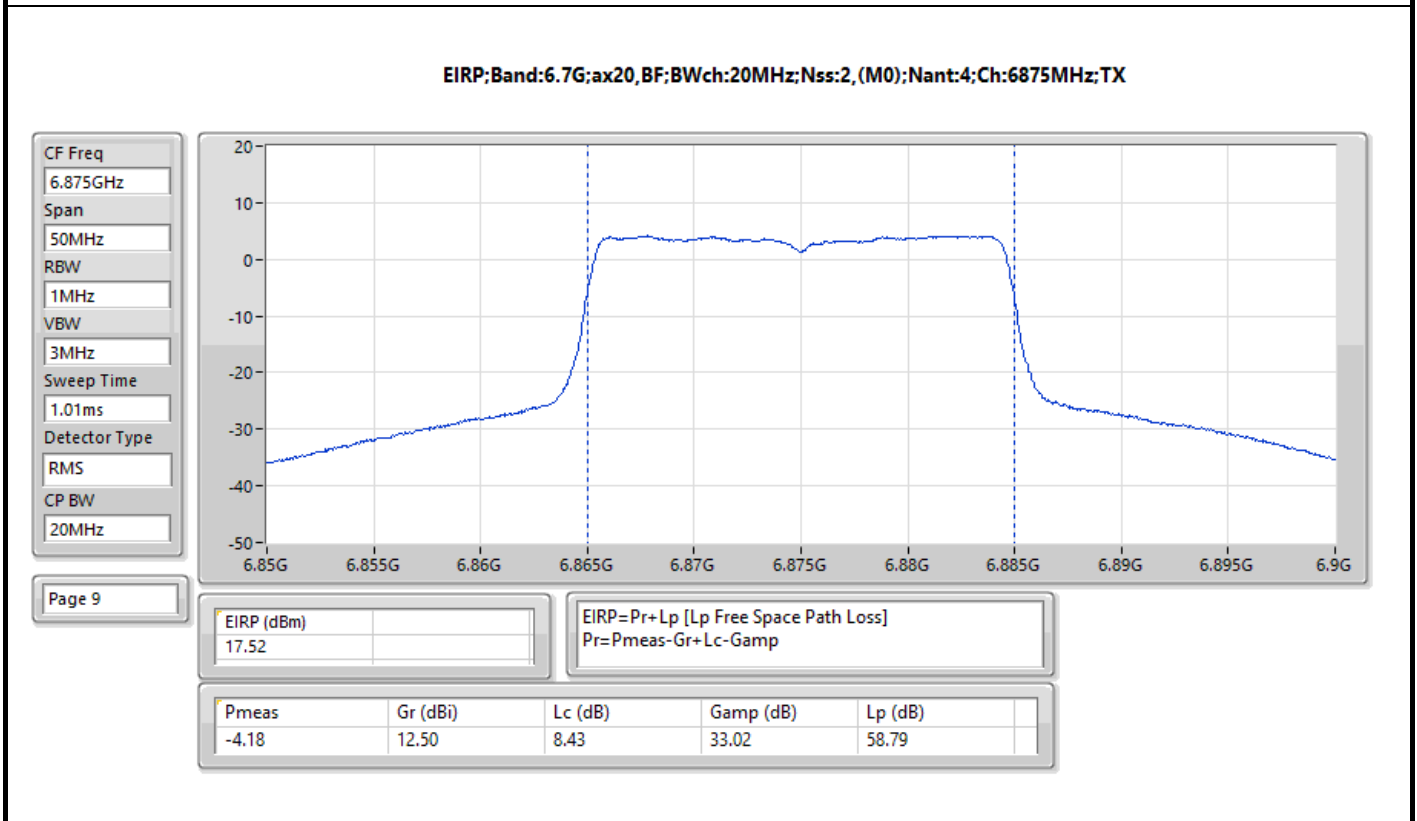
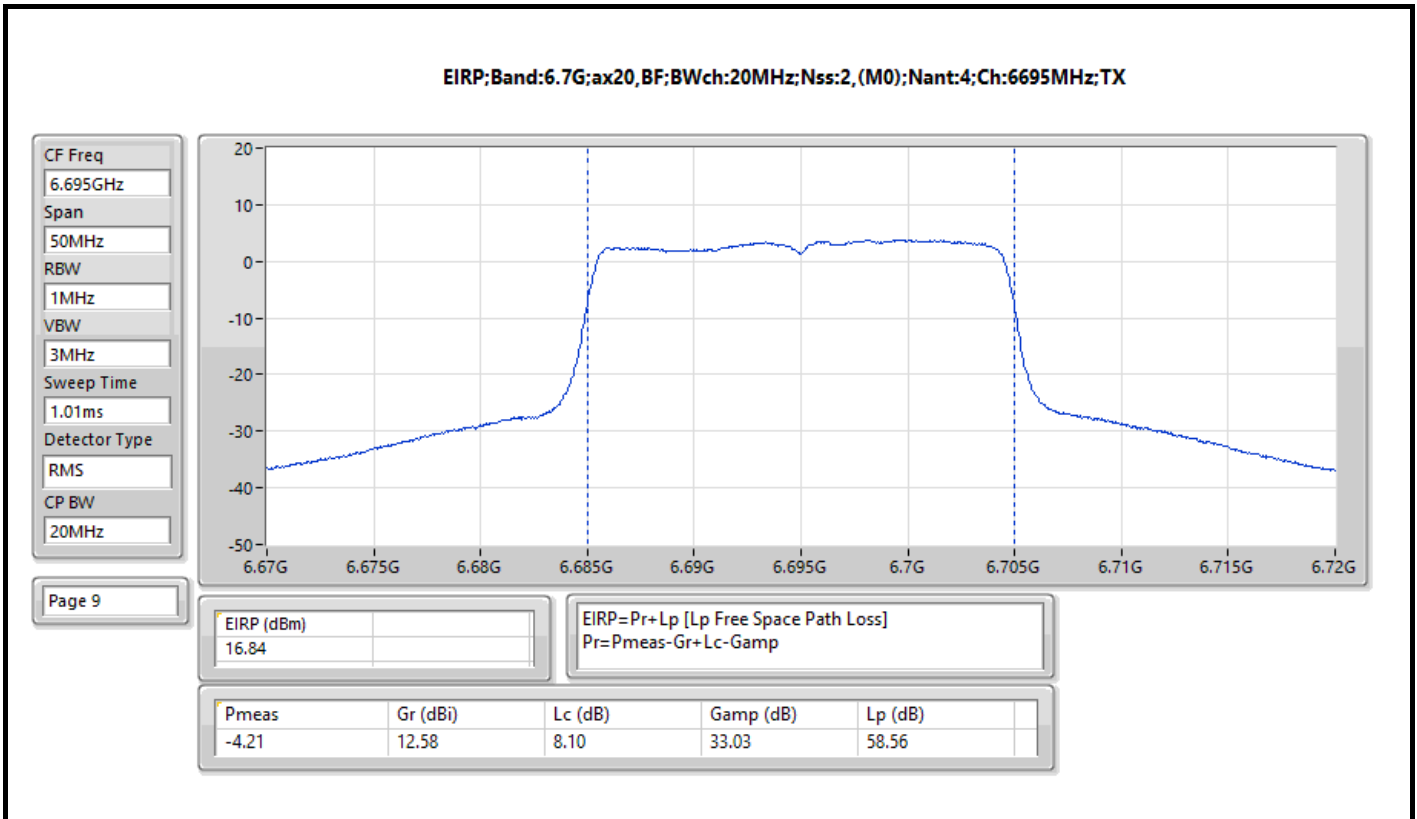
Detector Type
RMS

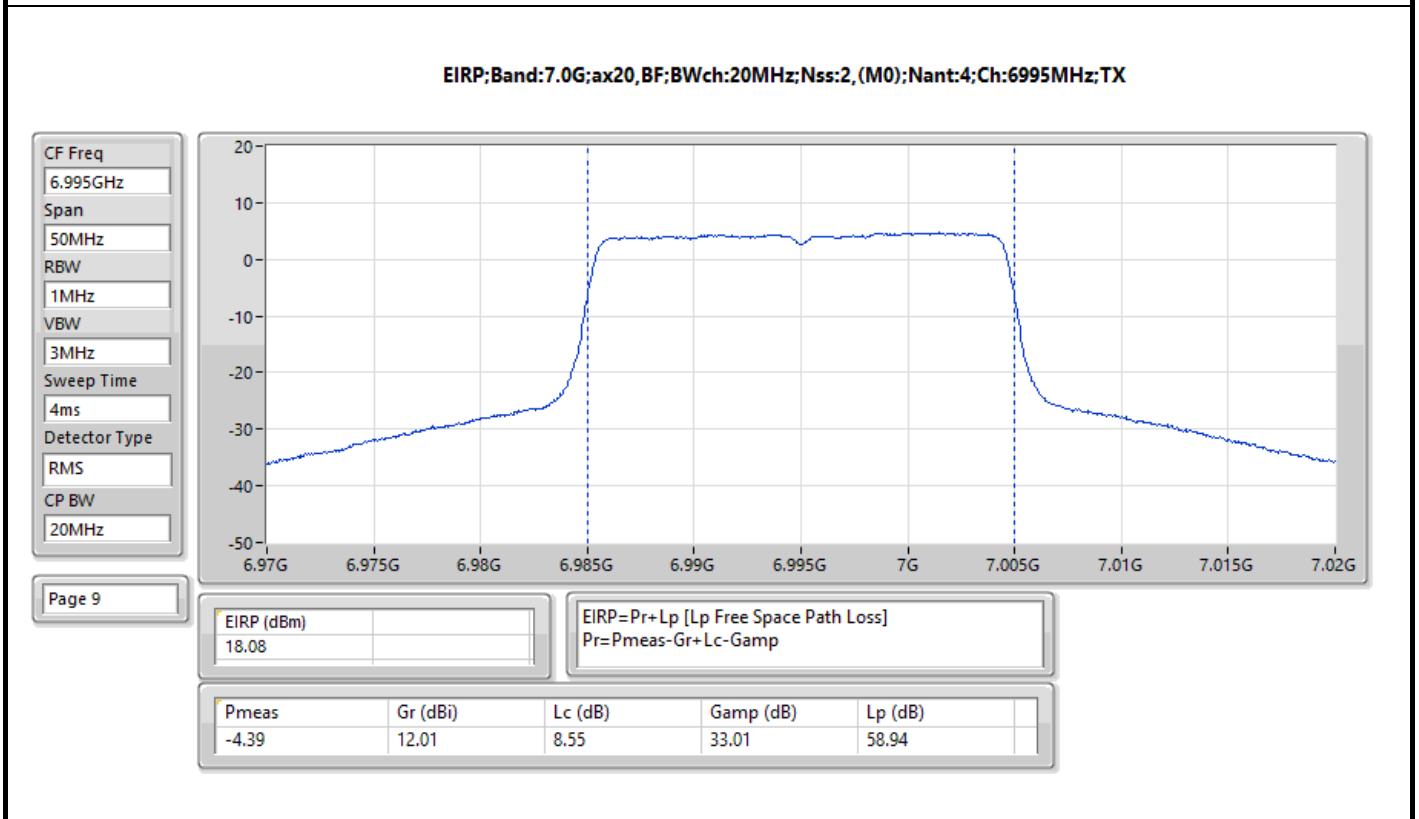
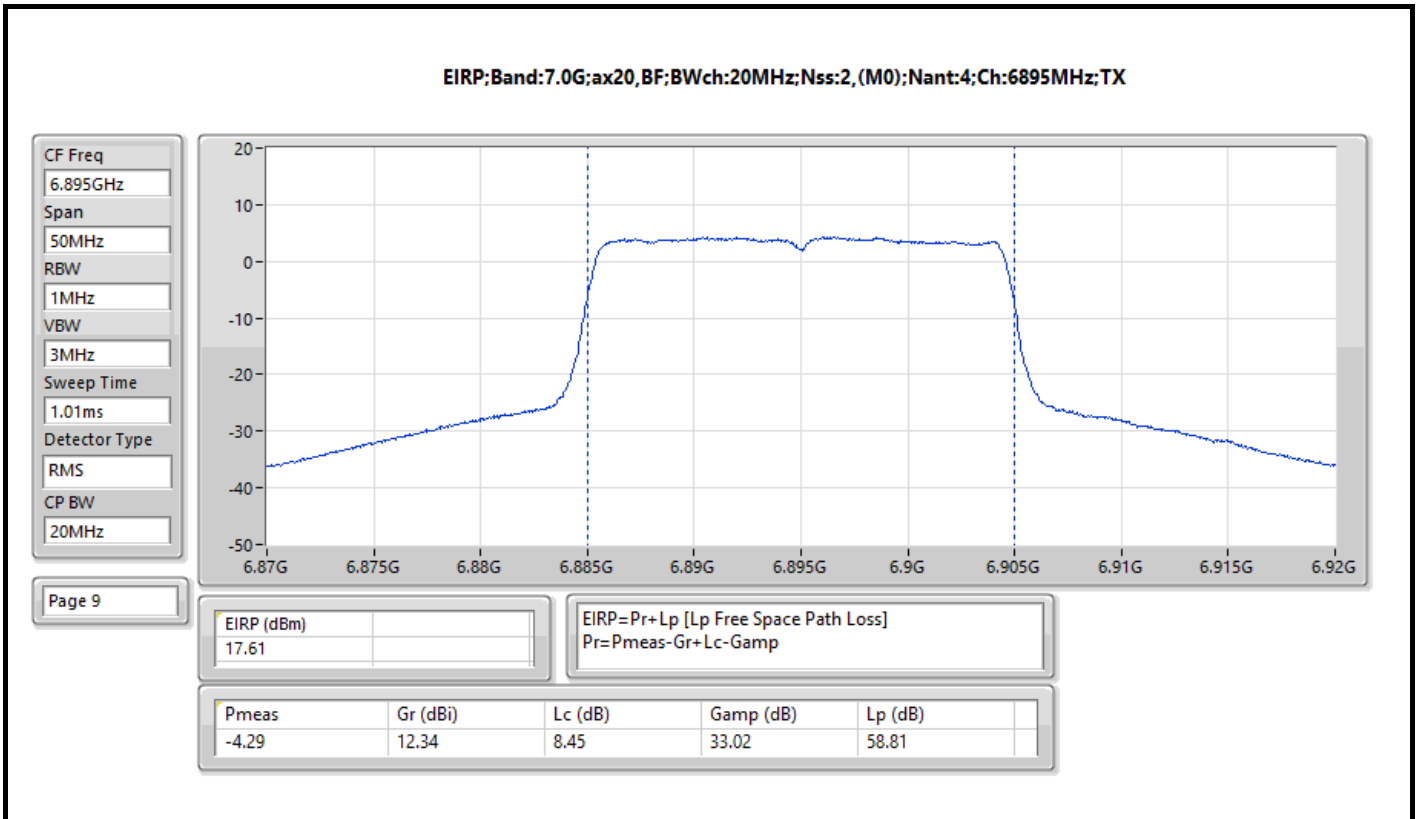
CP BW
20MHz

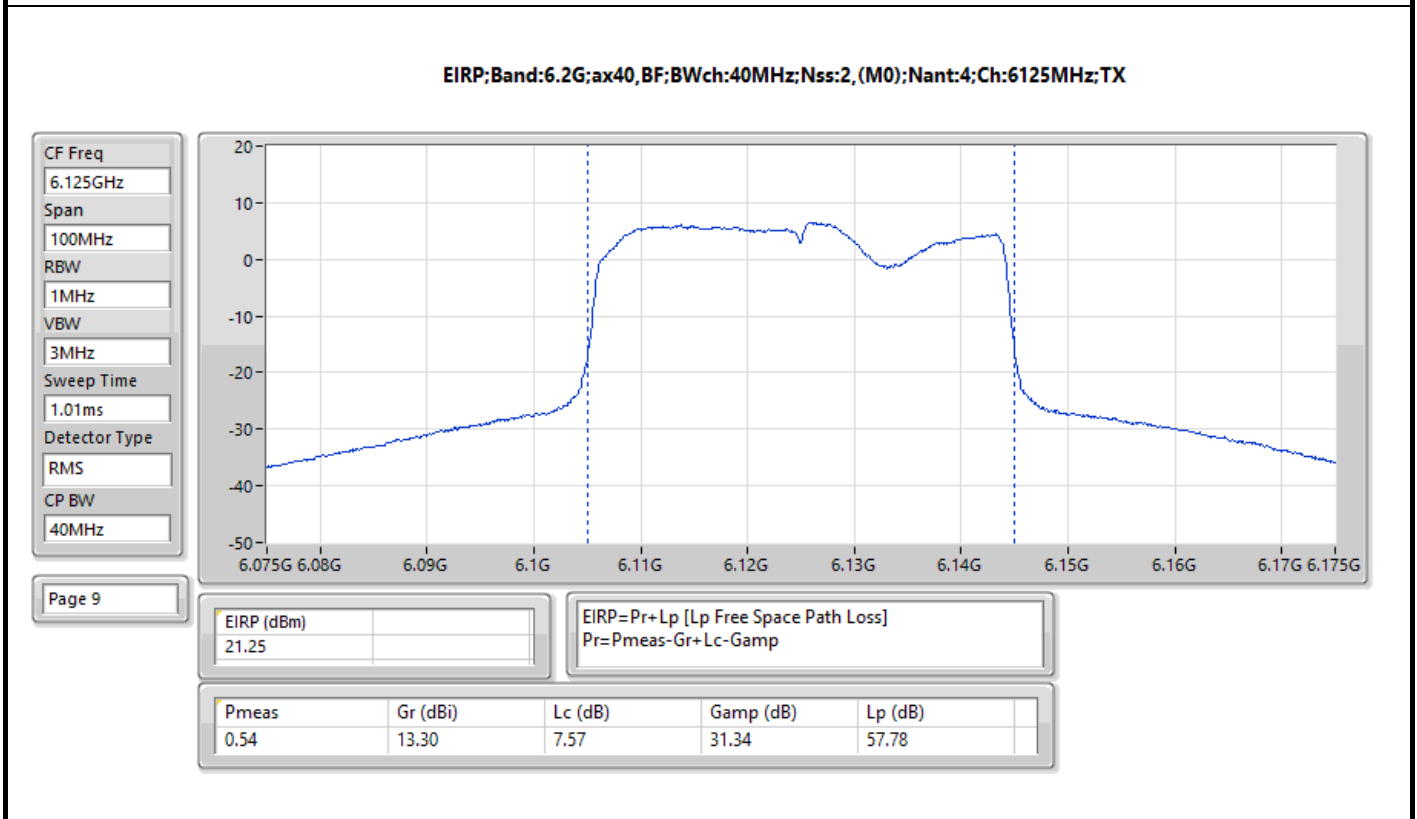
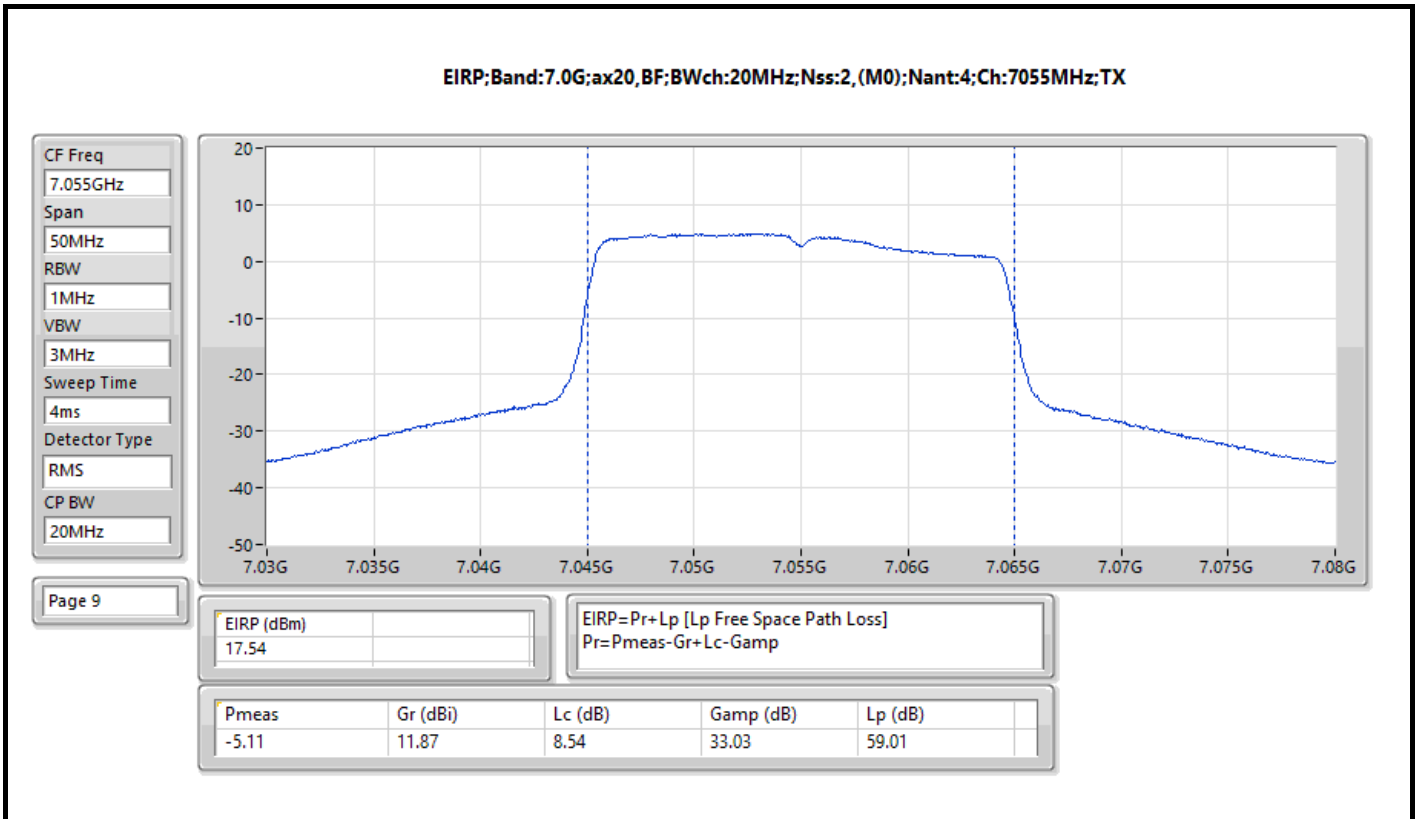


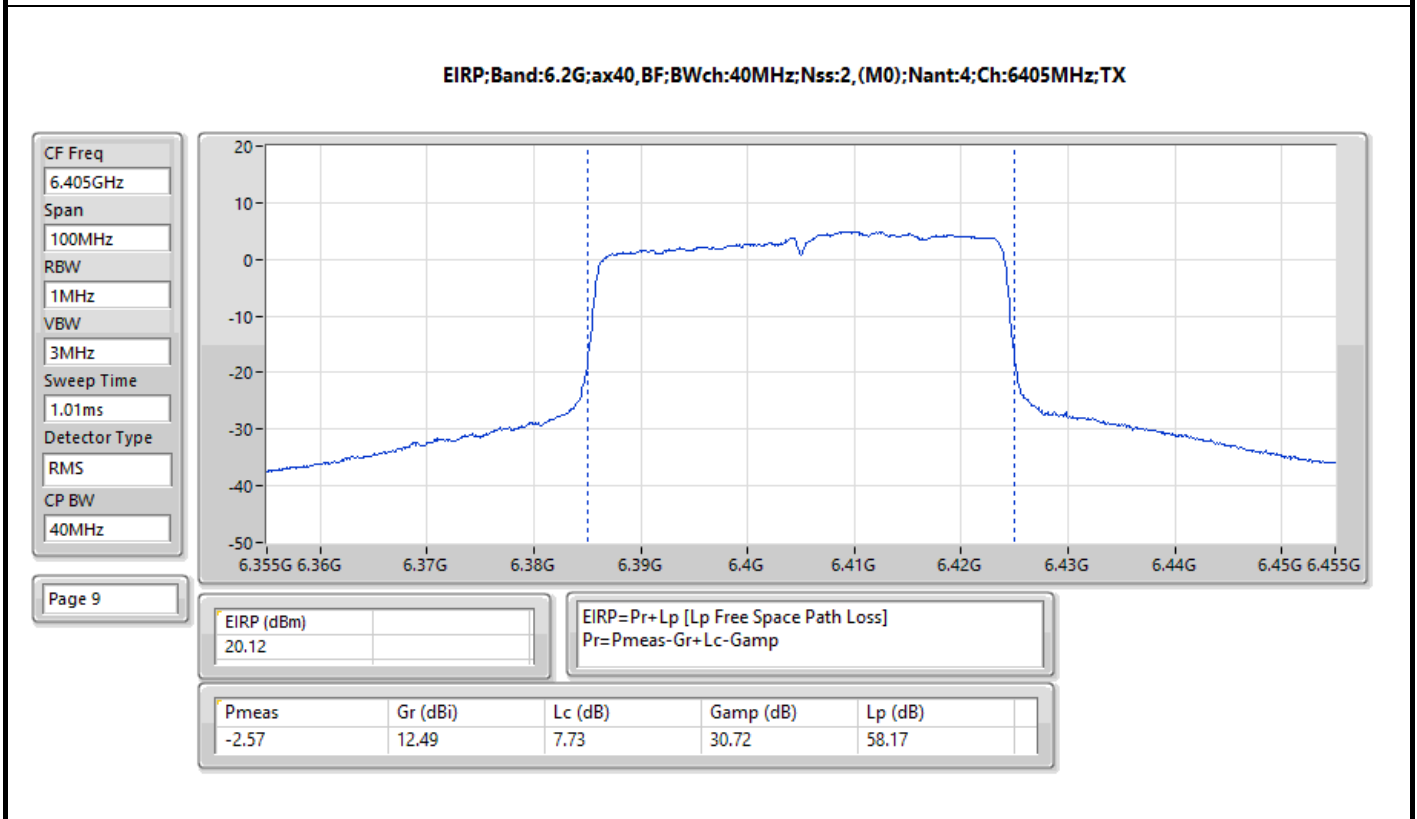
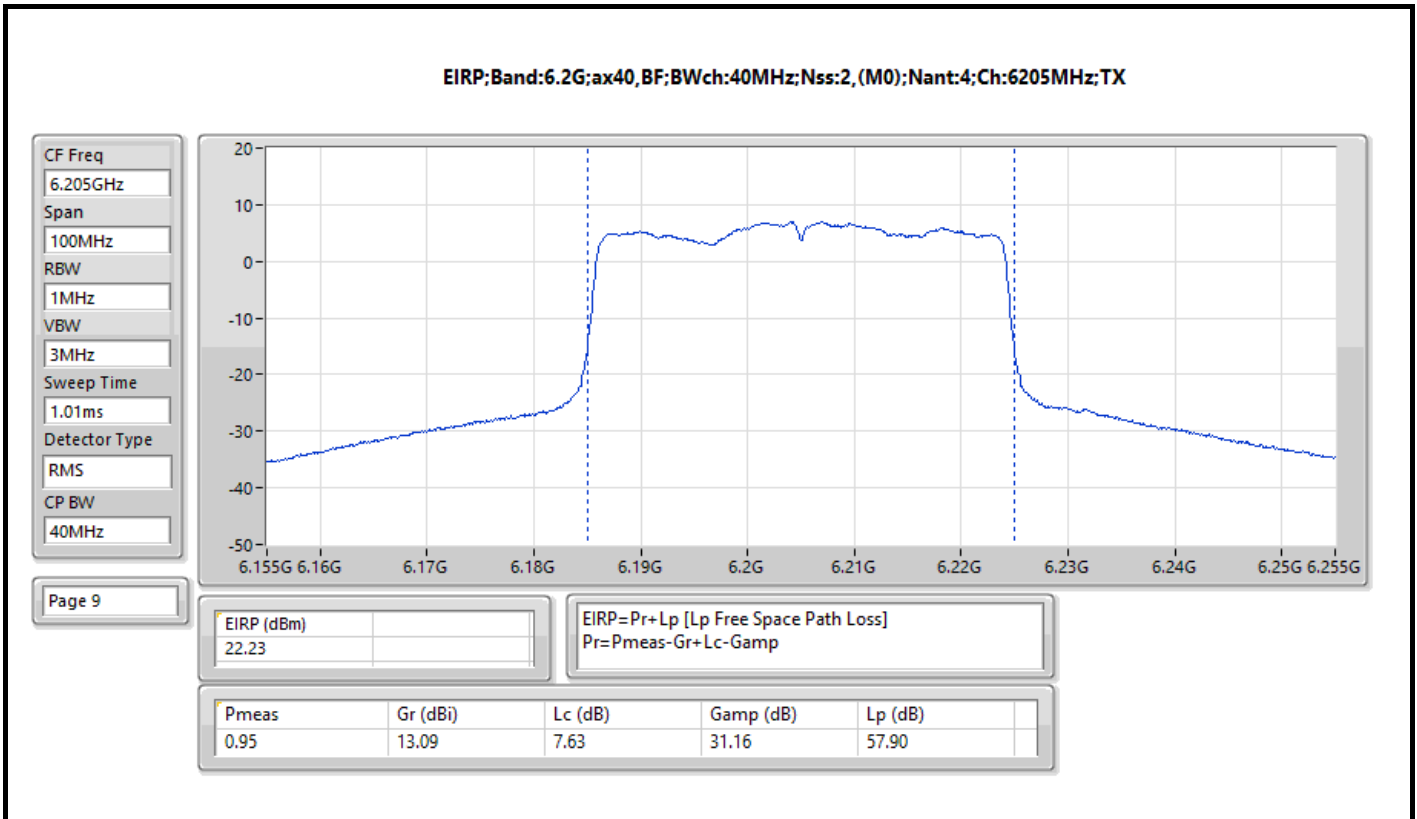
Page 9

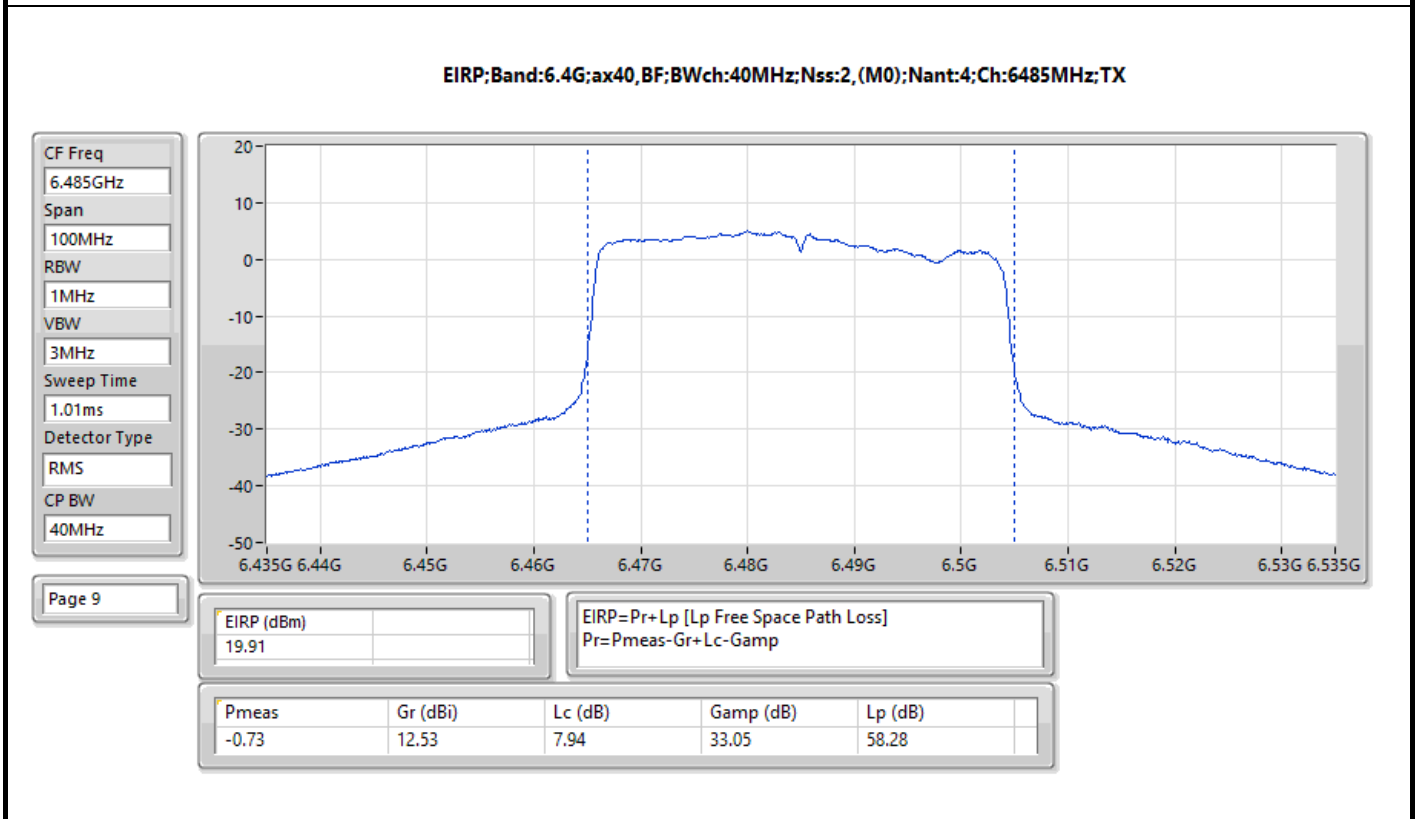
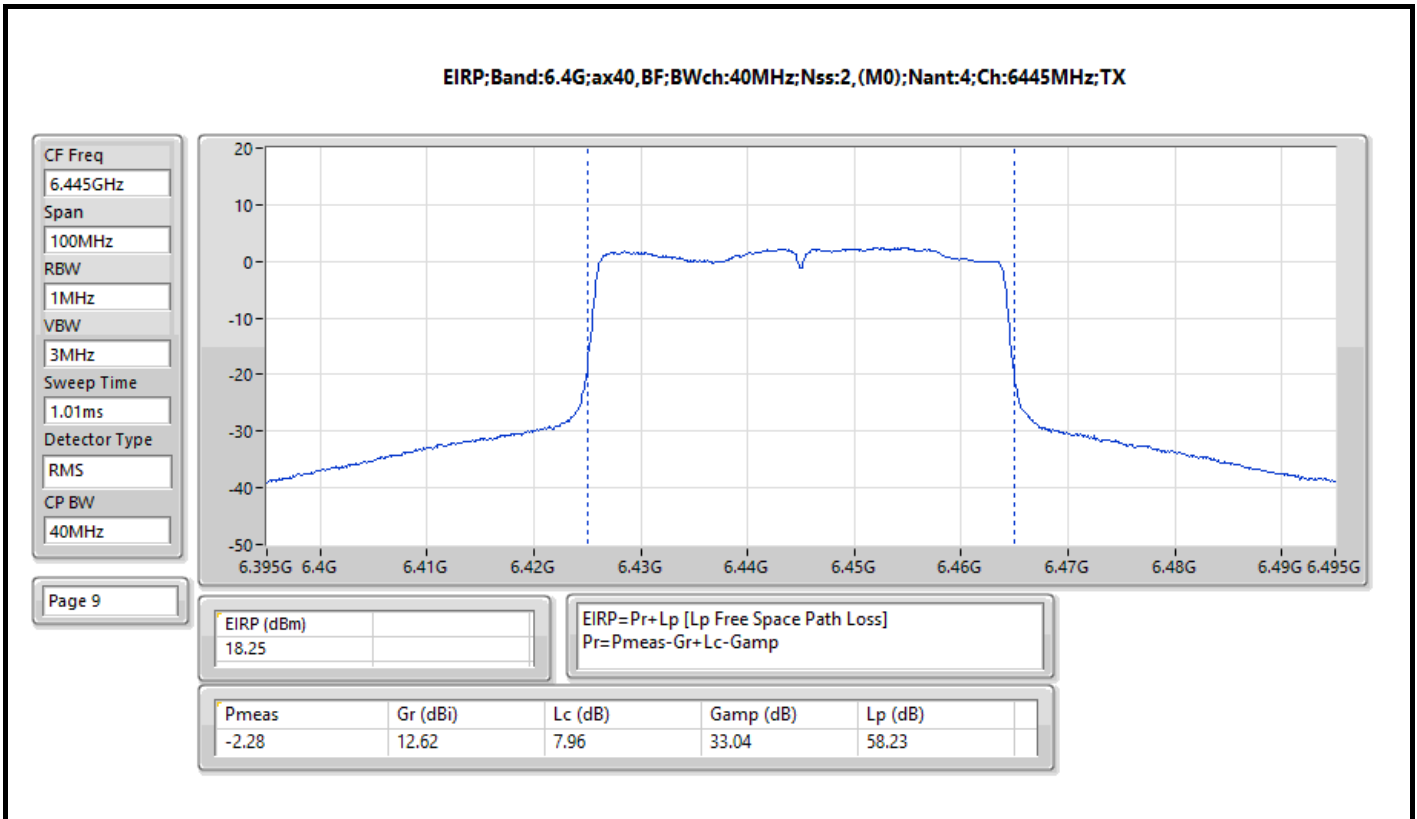
EIRP (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
16.61				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-4.17	12.43	7.91	33.05	58.35



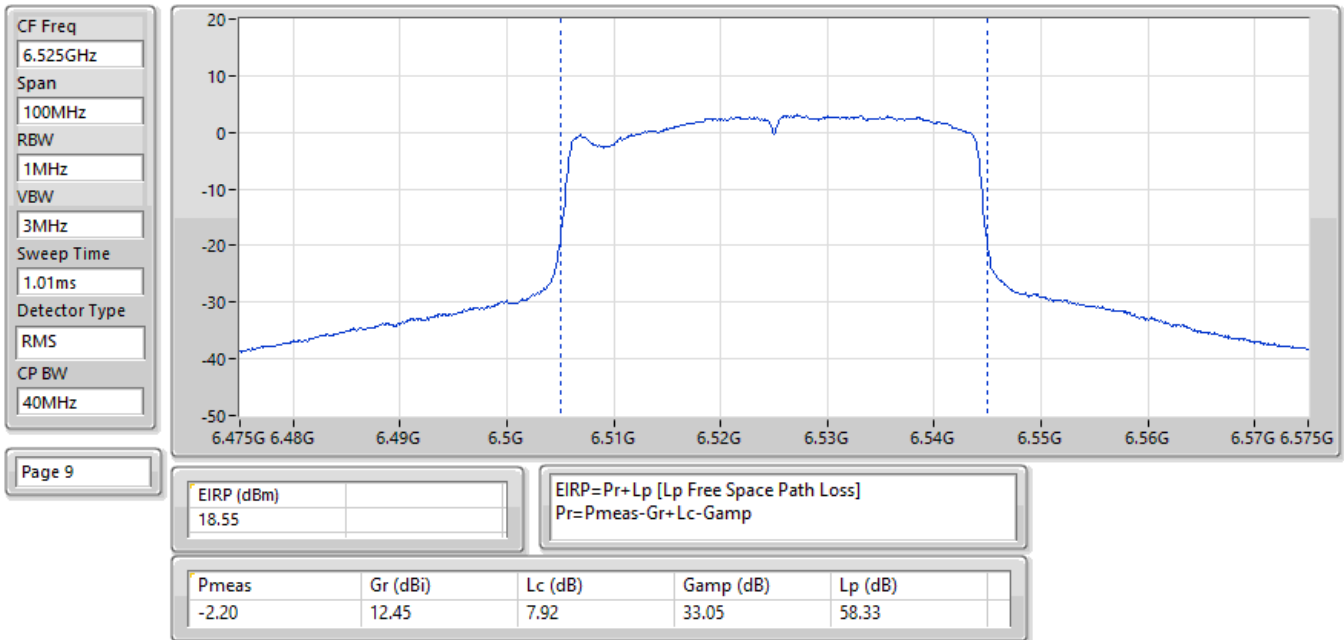




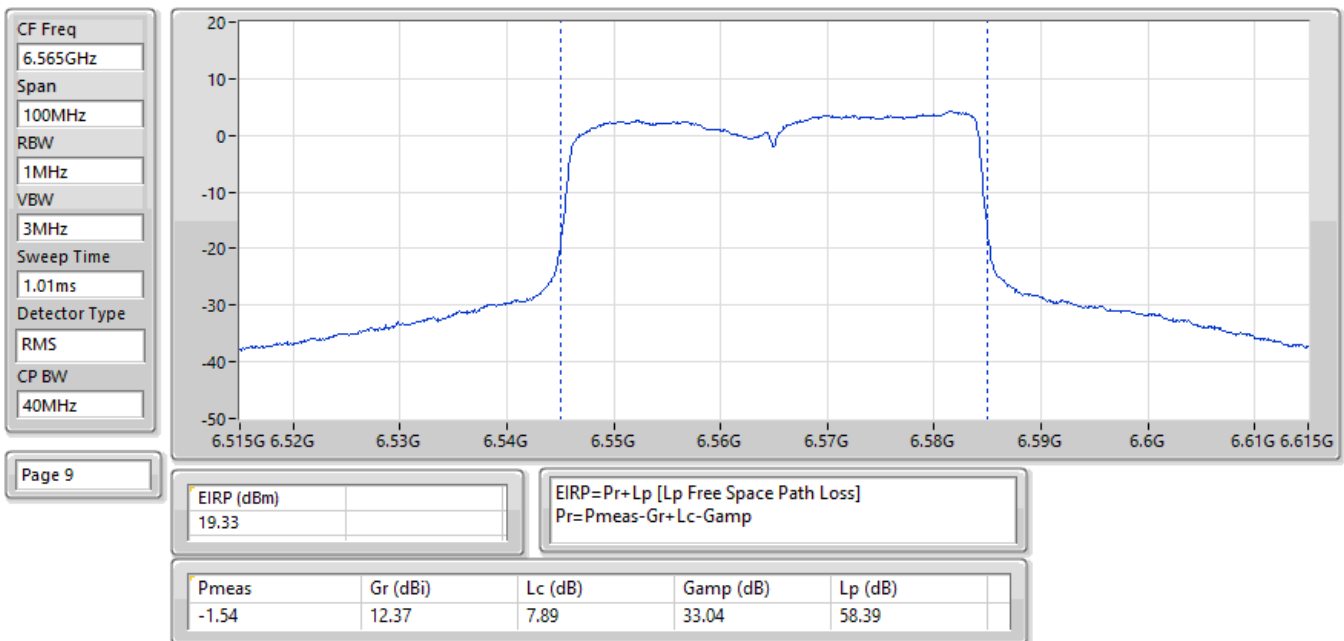


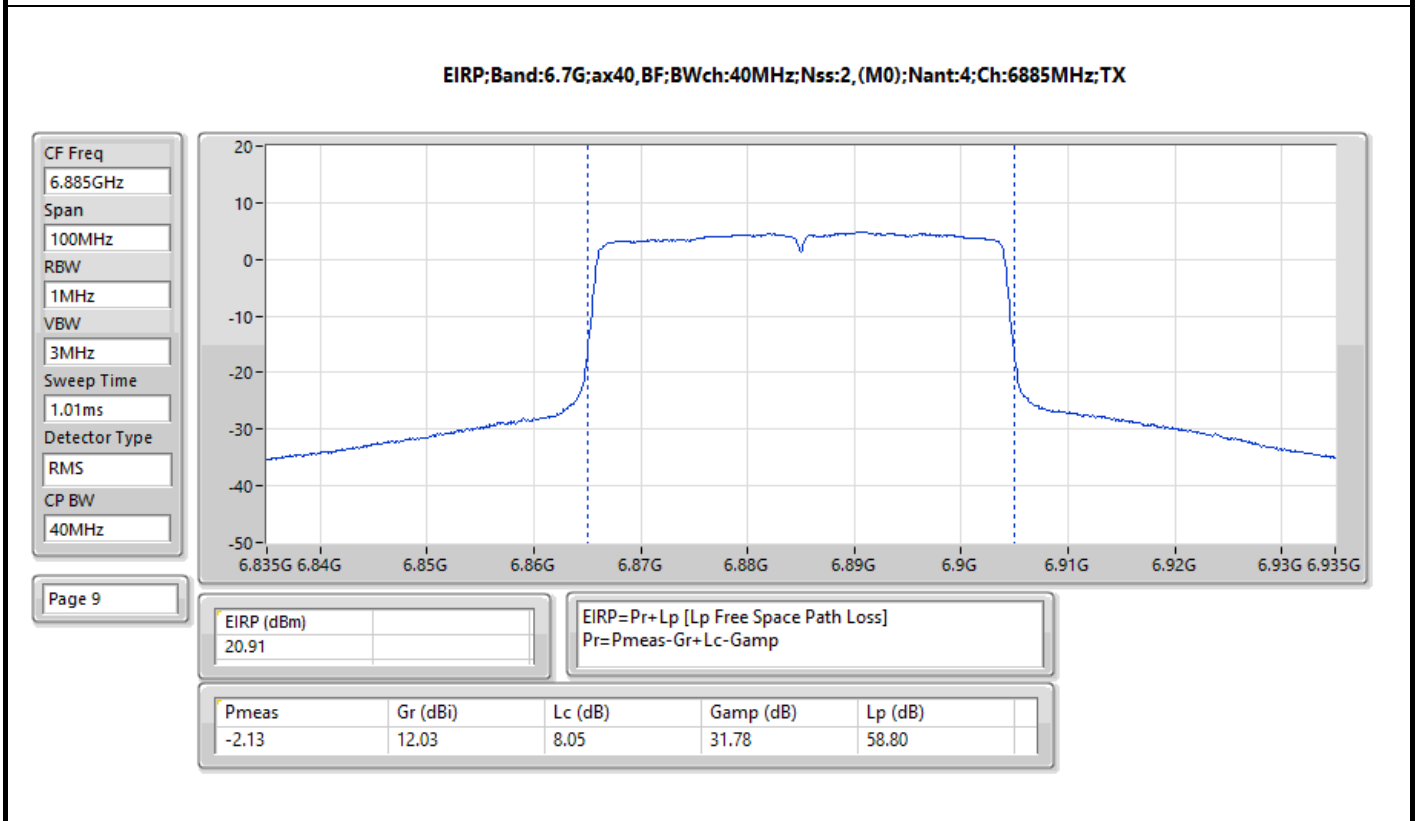
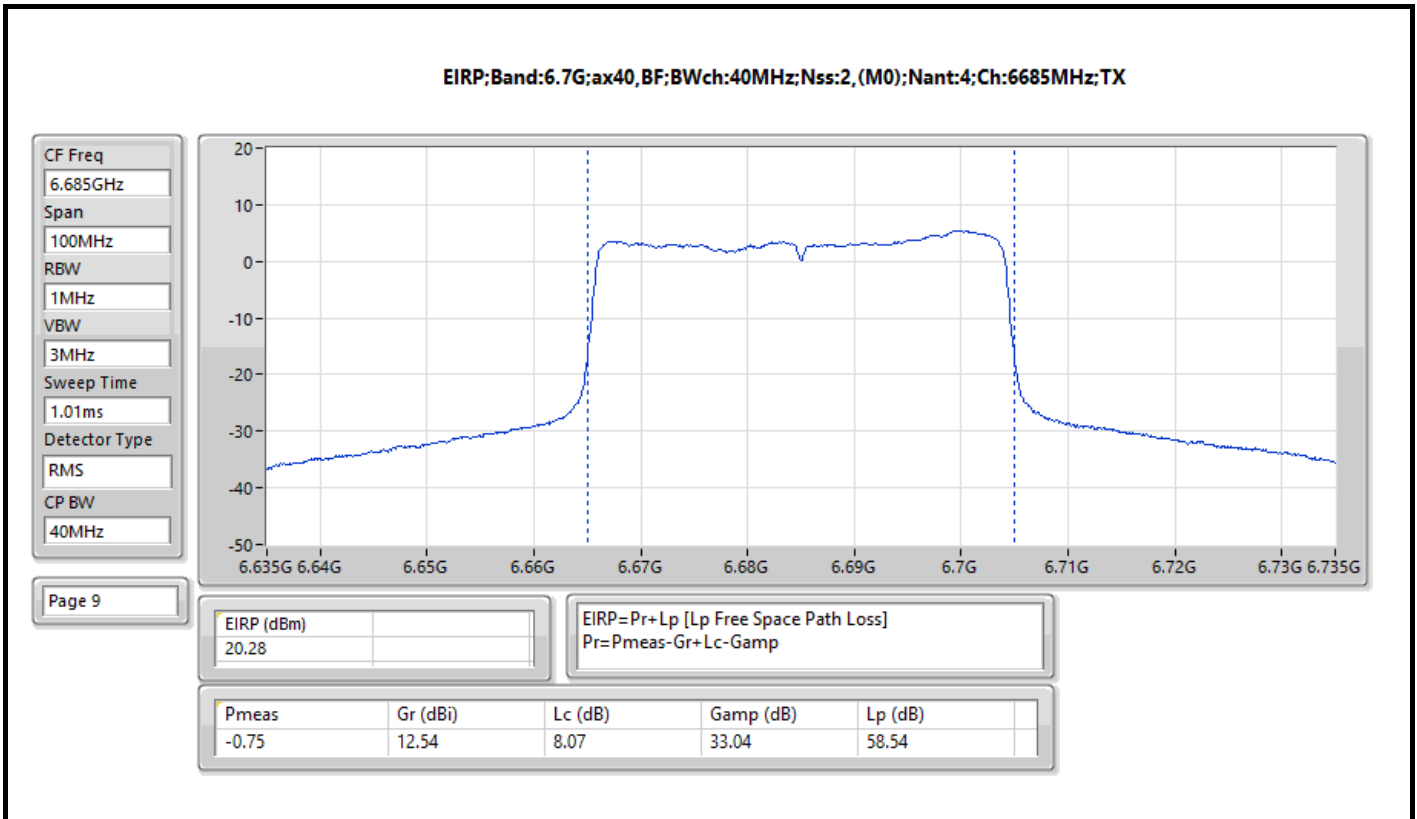


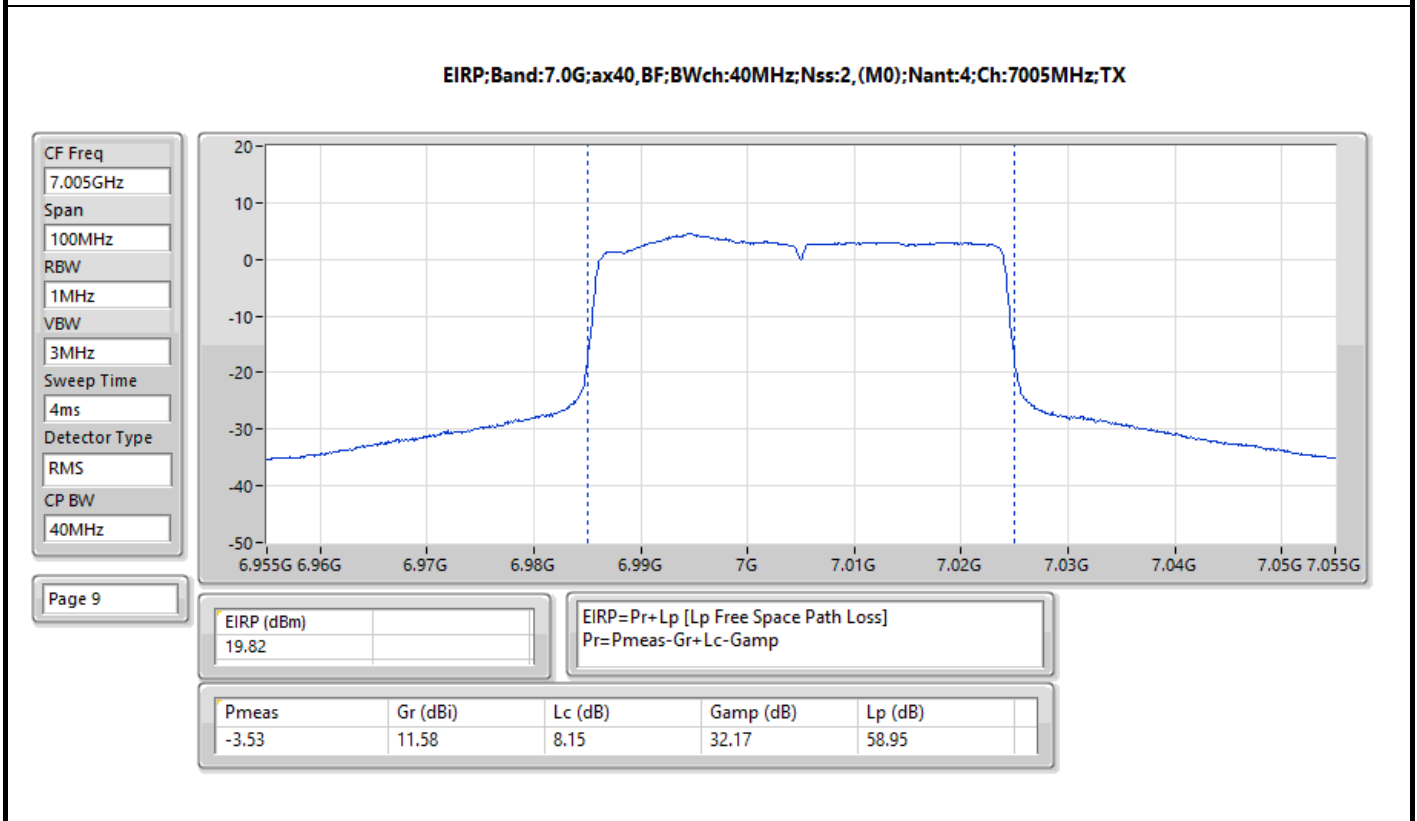
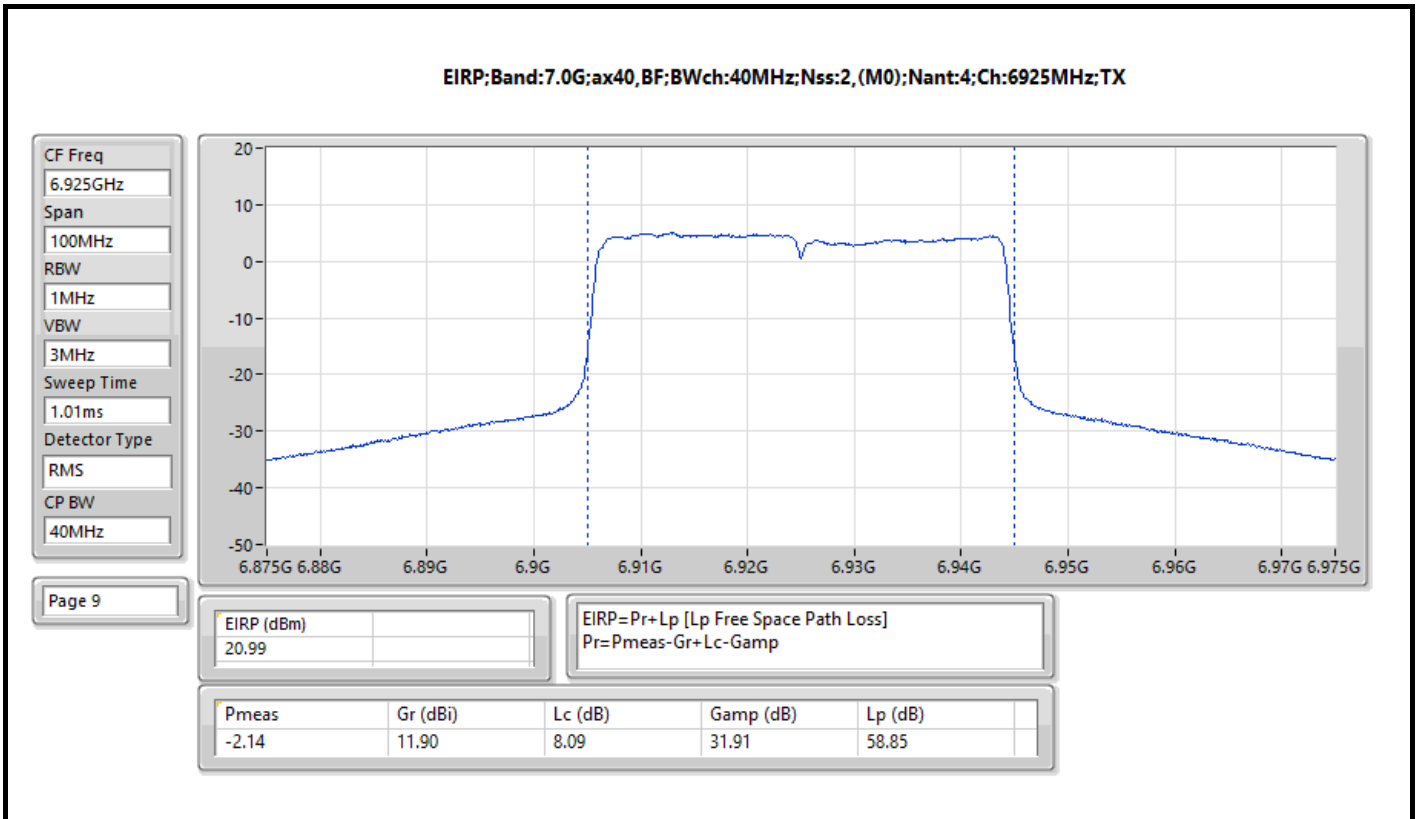
EIRP:Band:6.4G;ax40,BF;BWch:40MHz;Nss:2,(M0);Nant:4;Ch:6525MHz;TX

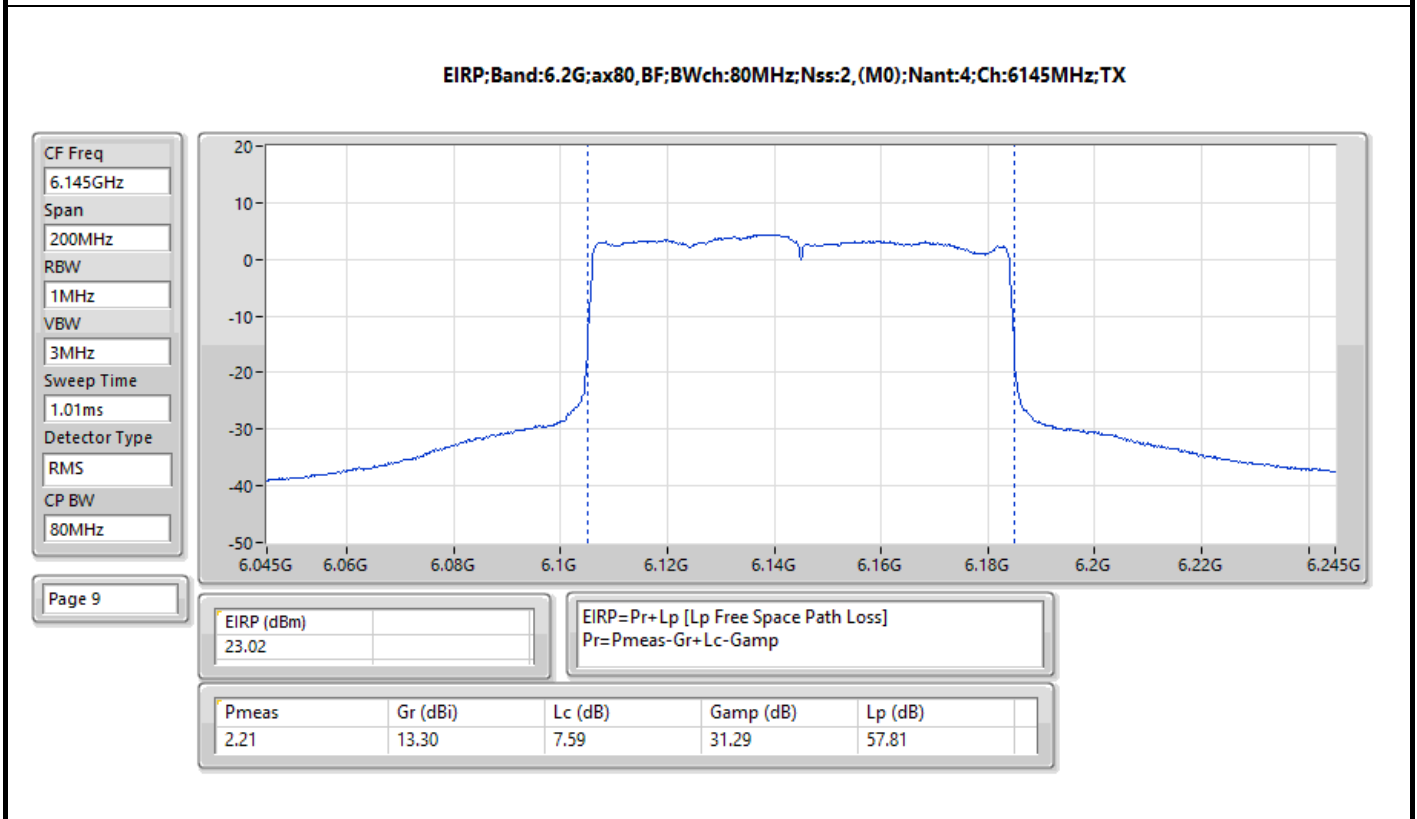
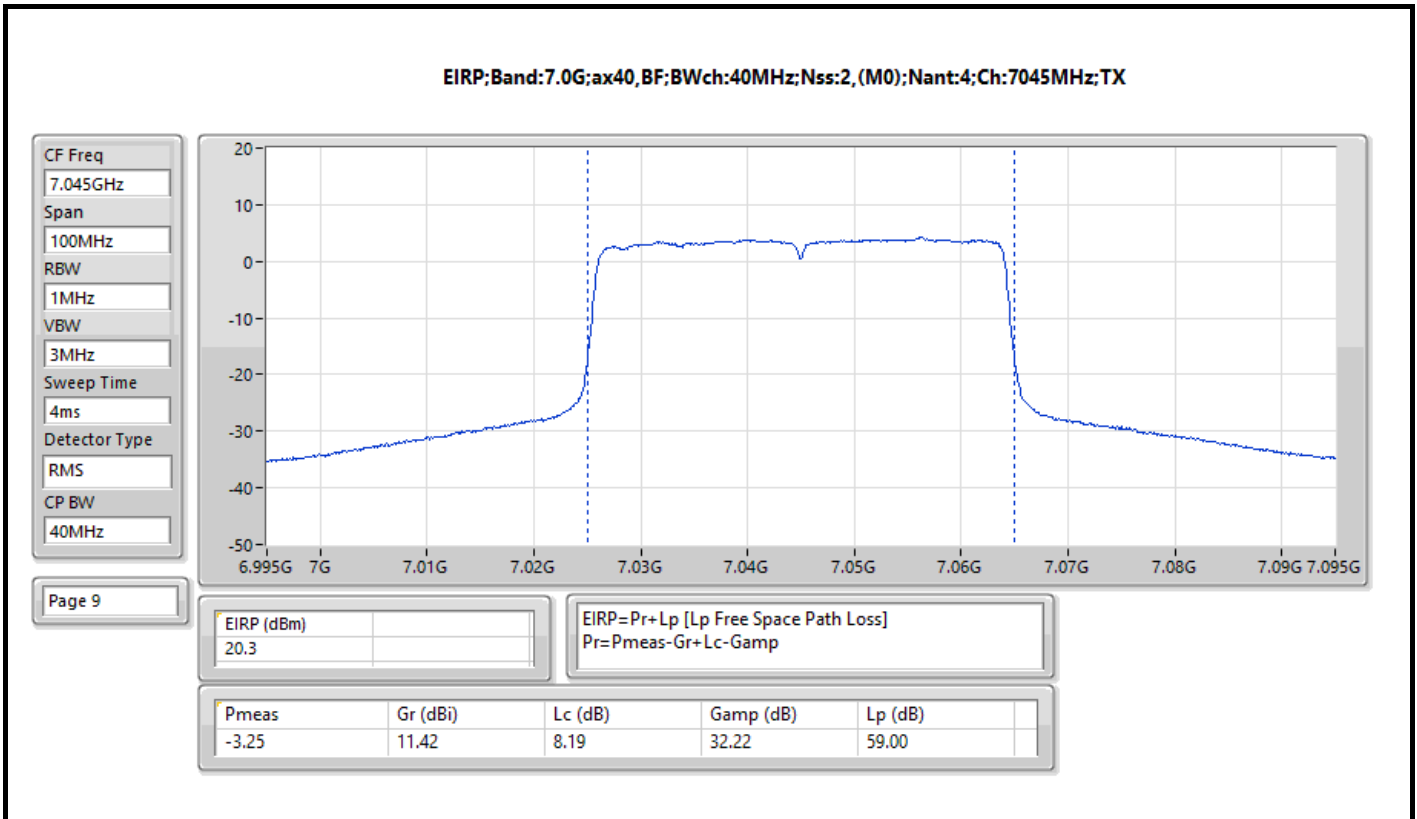


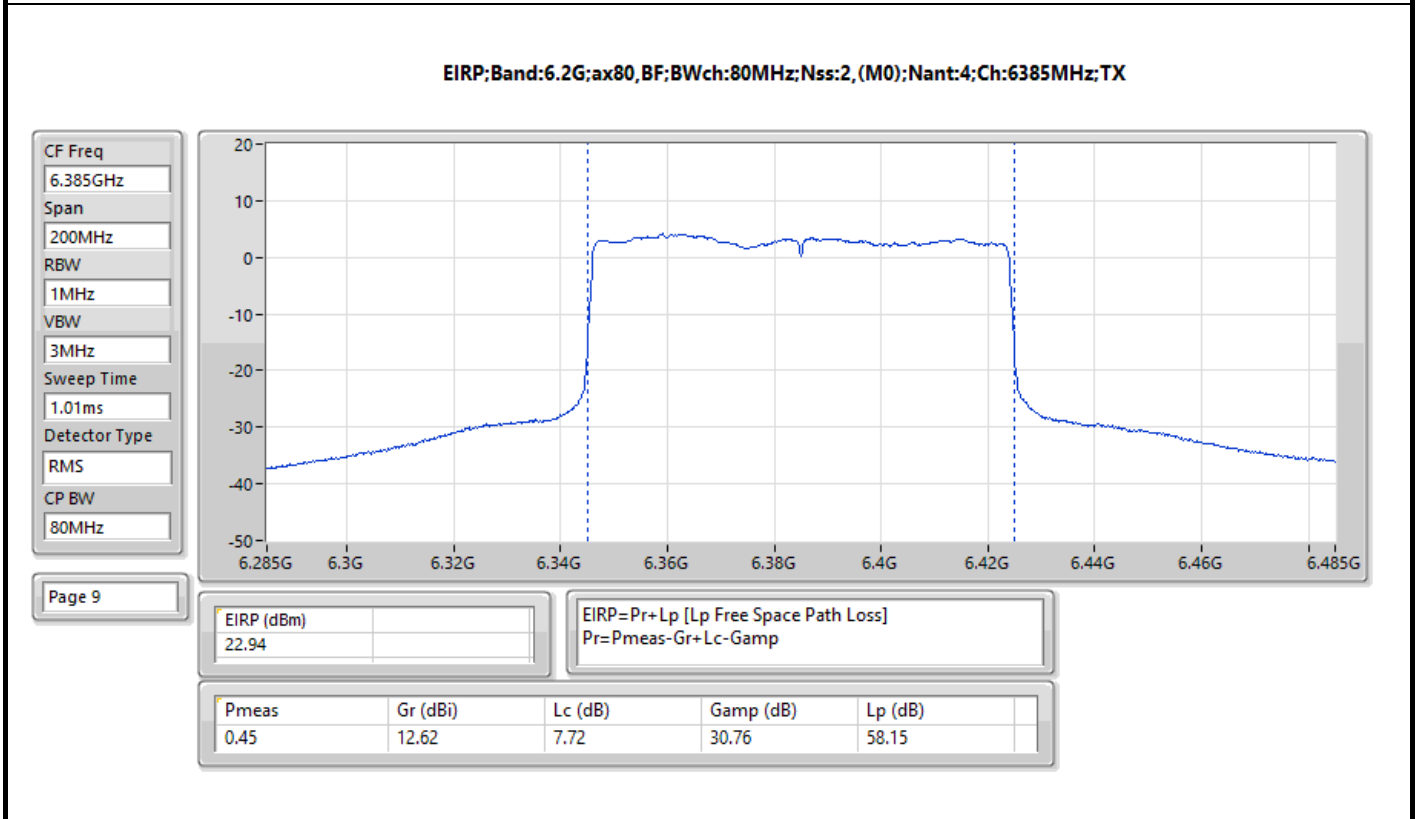
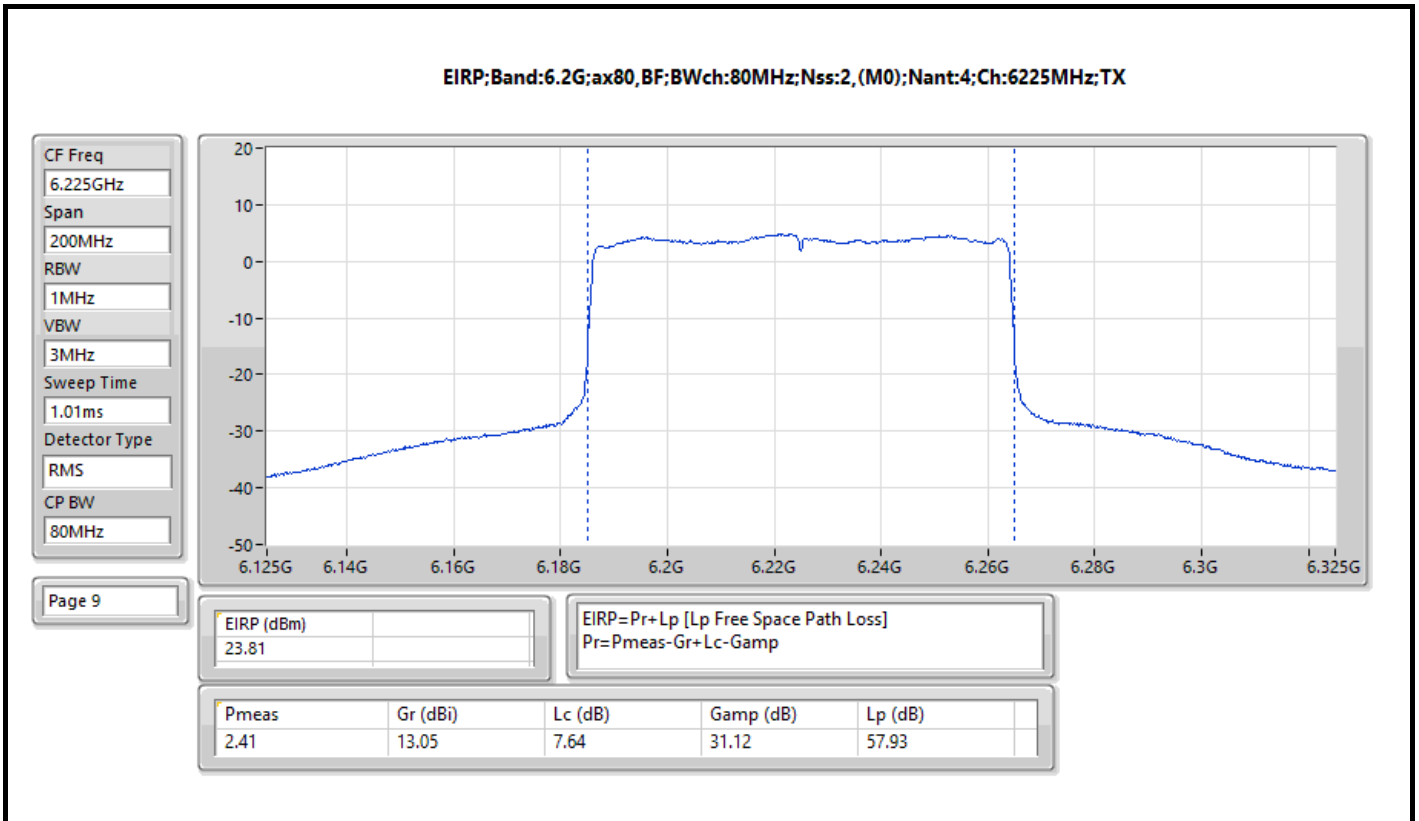
EIRP:Band:6.7G;ax40,BF;BWch:40MHz;Nss:2,(M0);Nant:4;Ch:6565MHz;TX

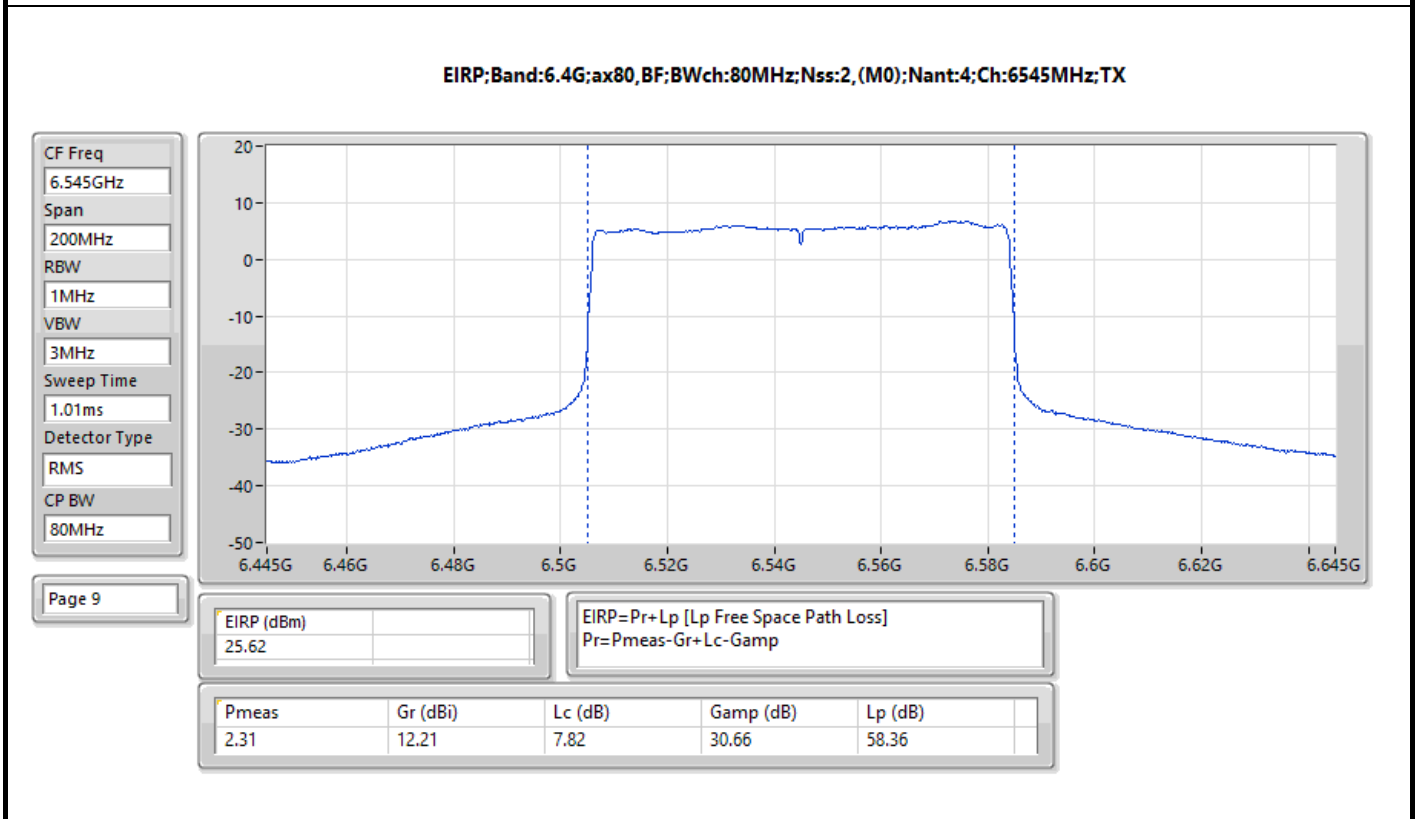
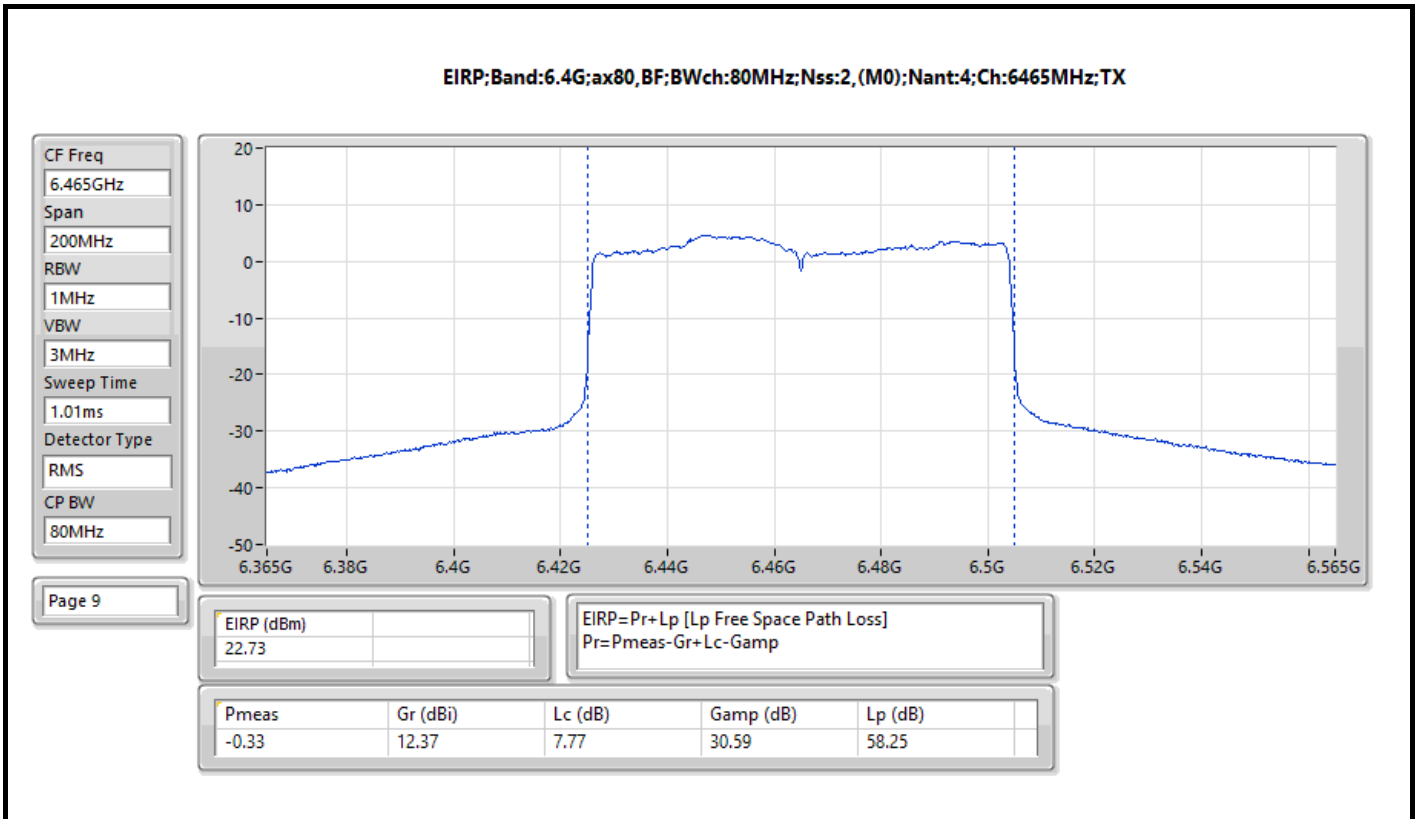


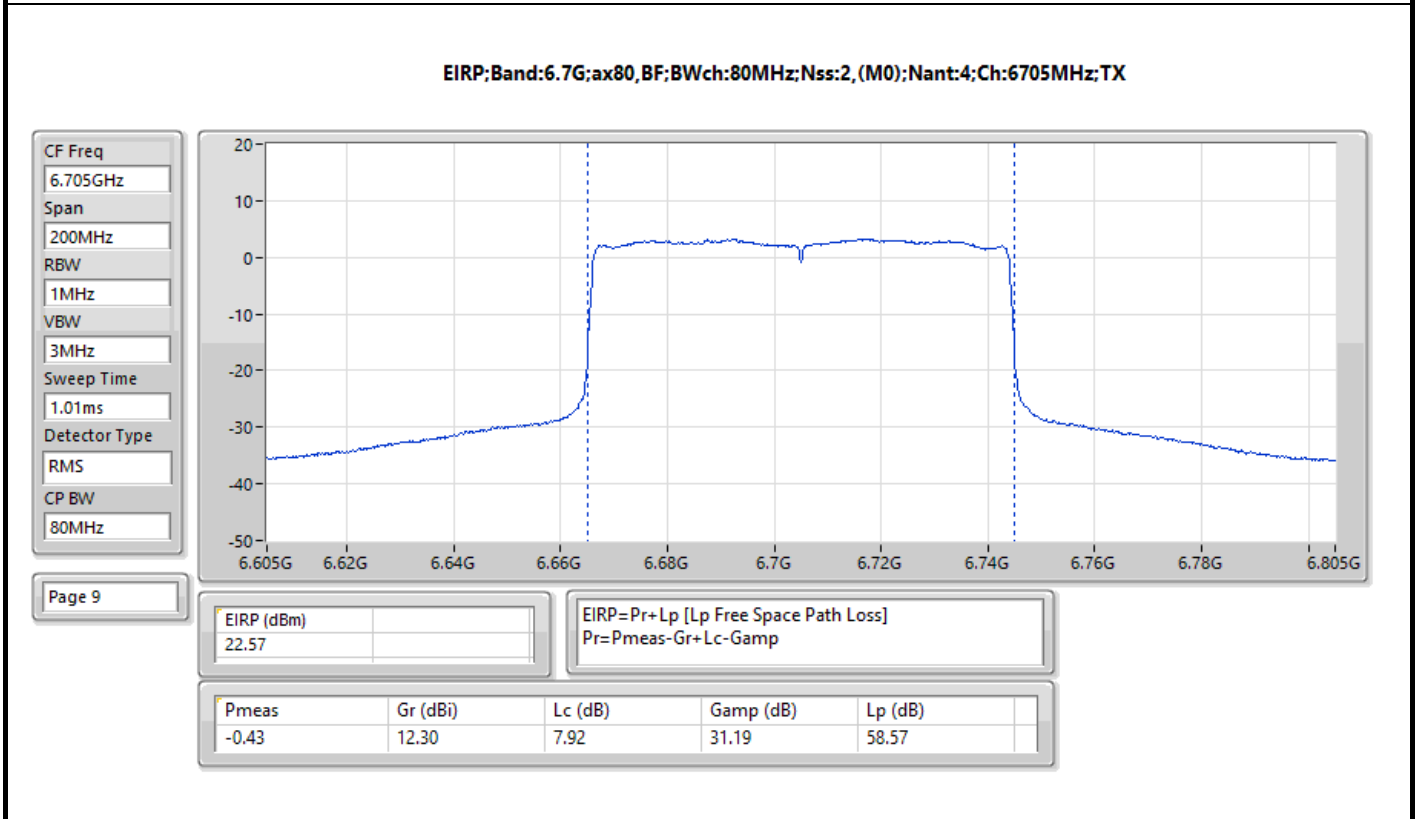
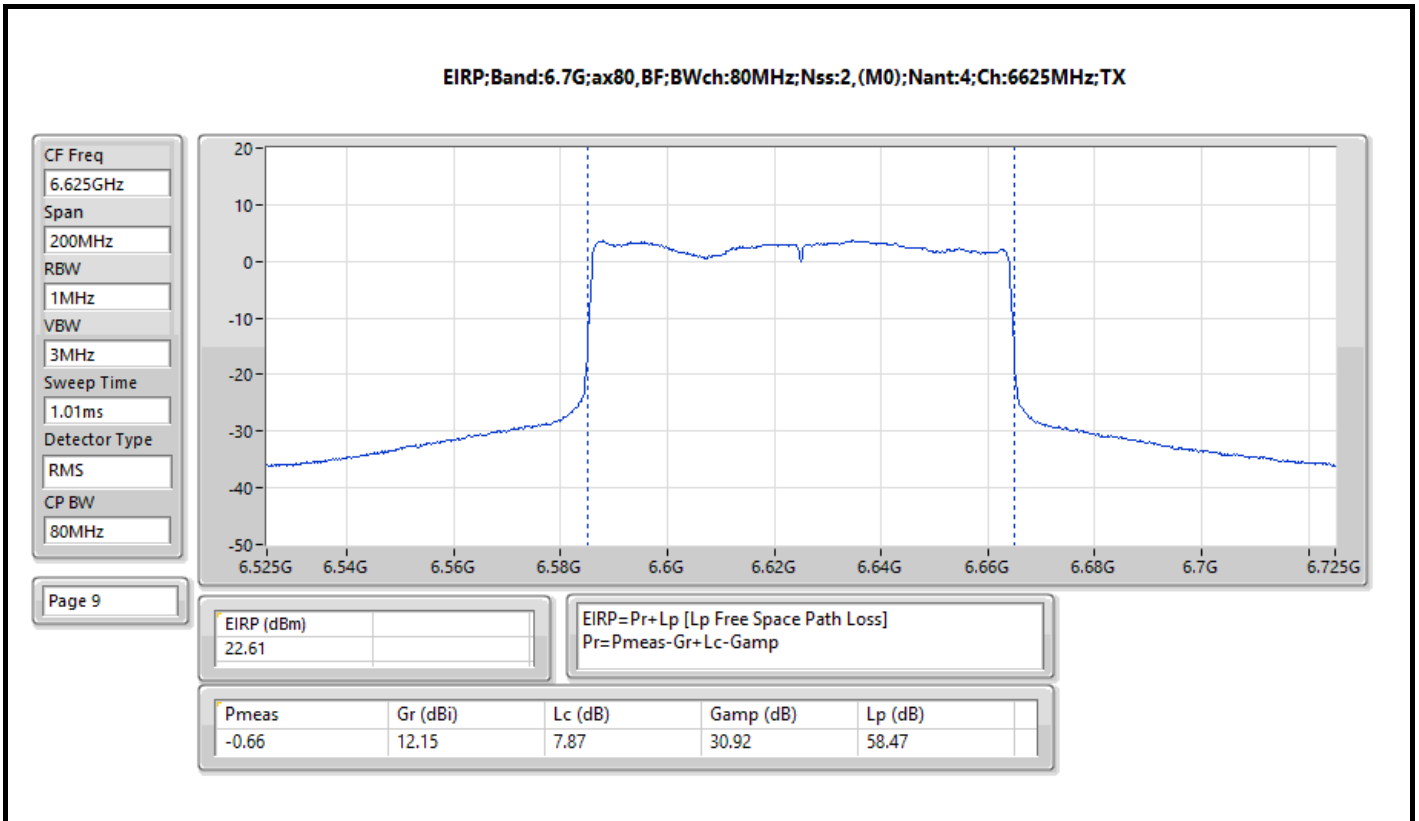


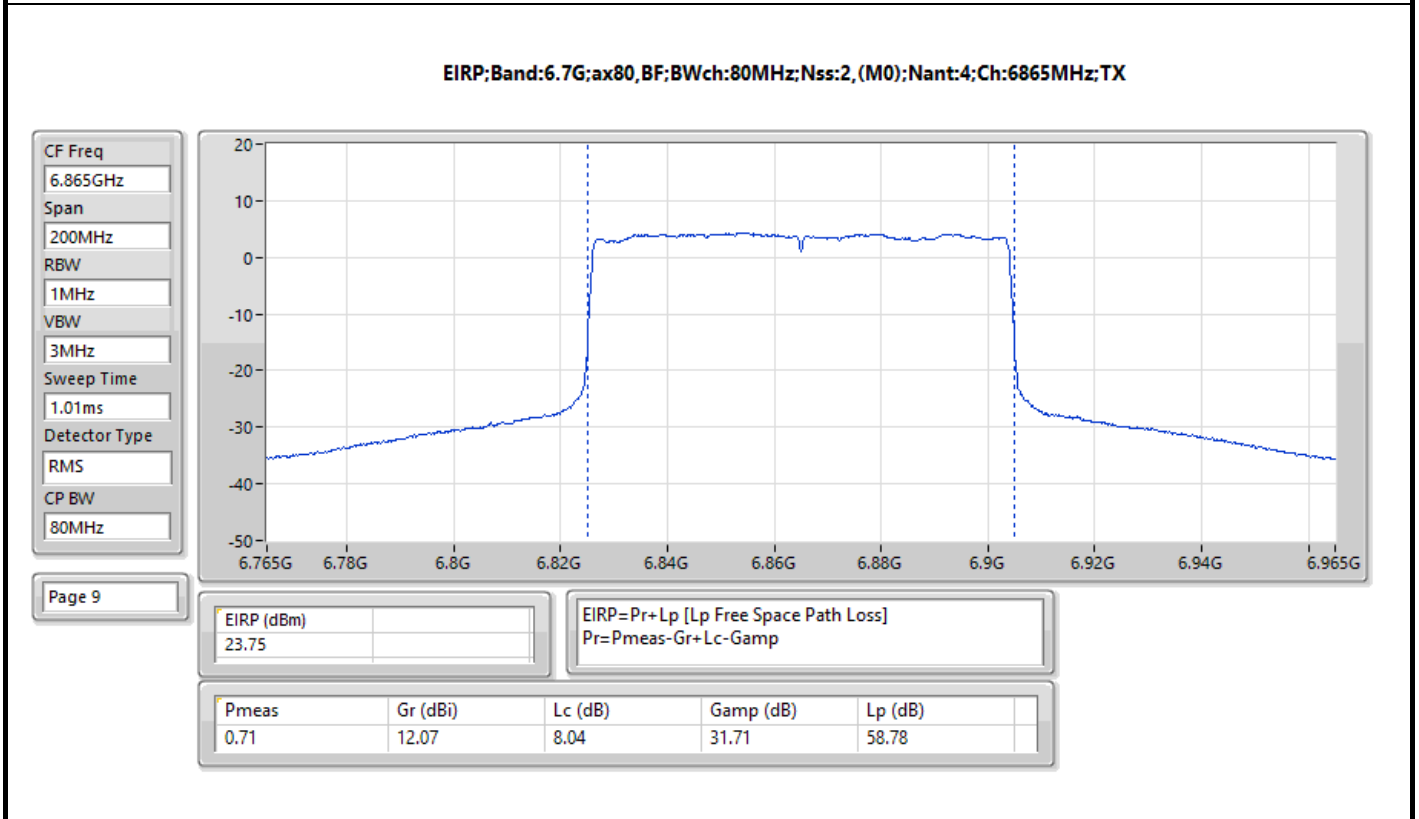
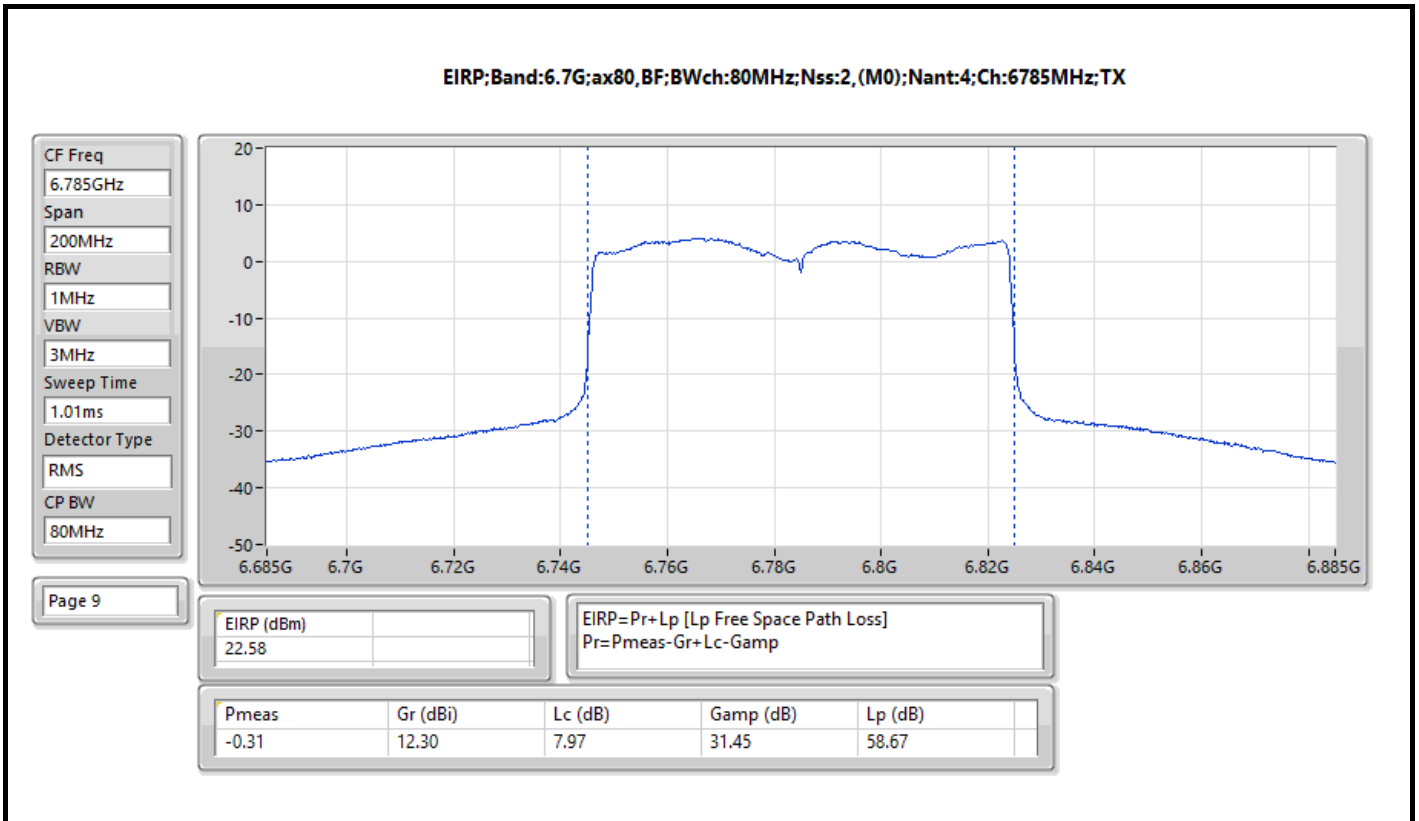


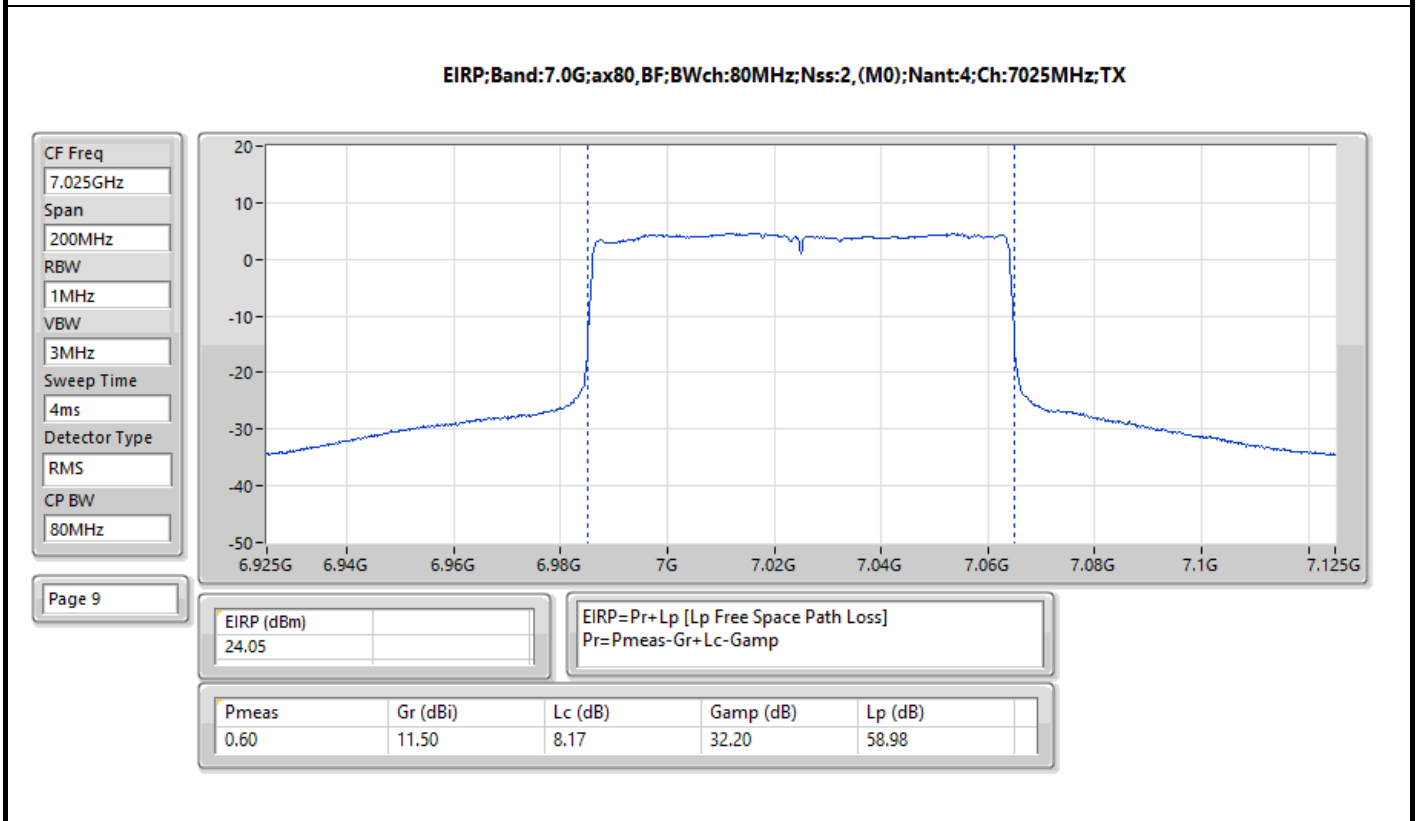
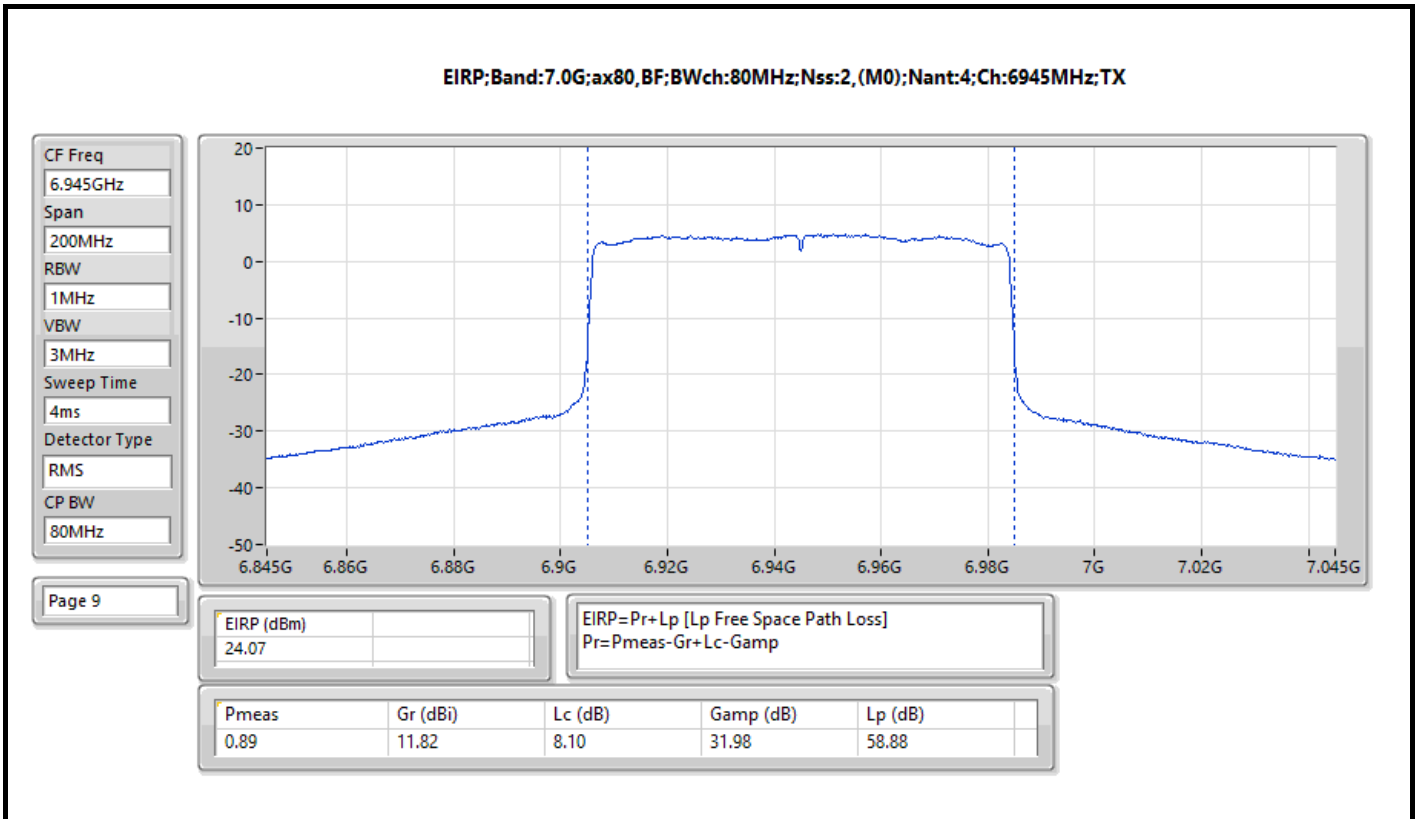


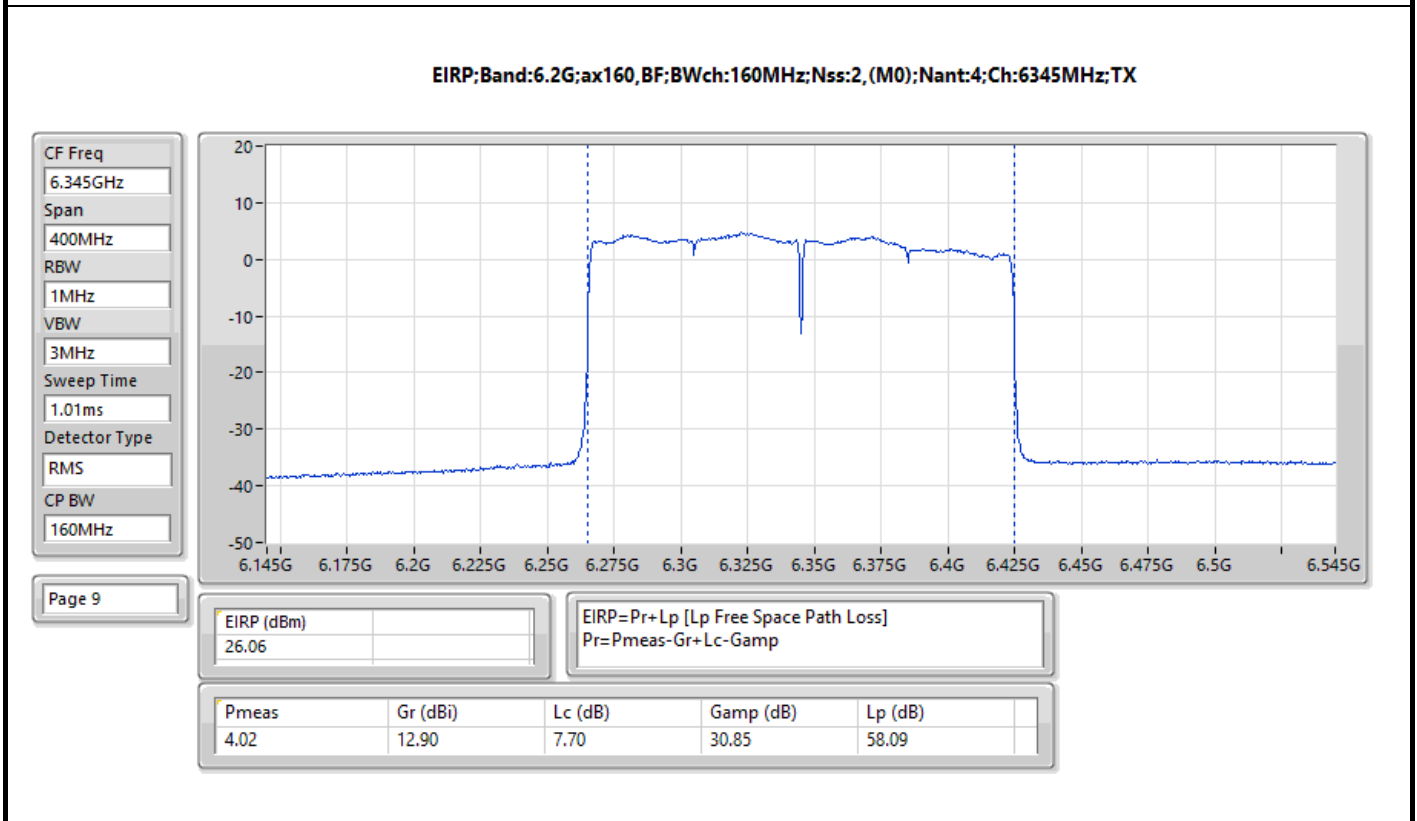
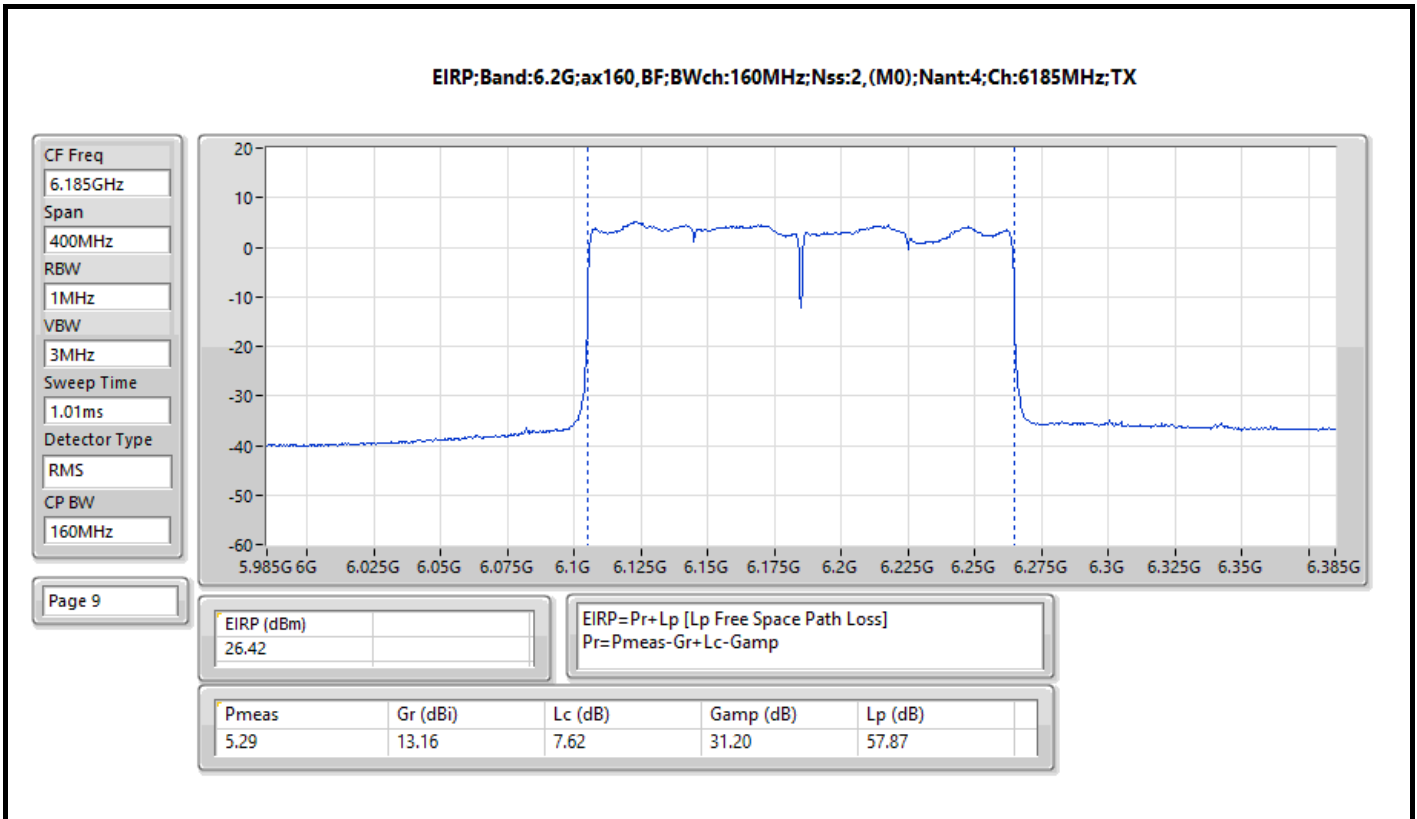


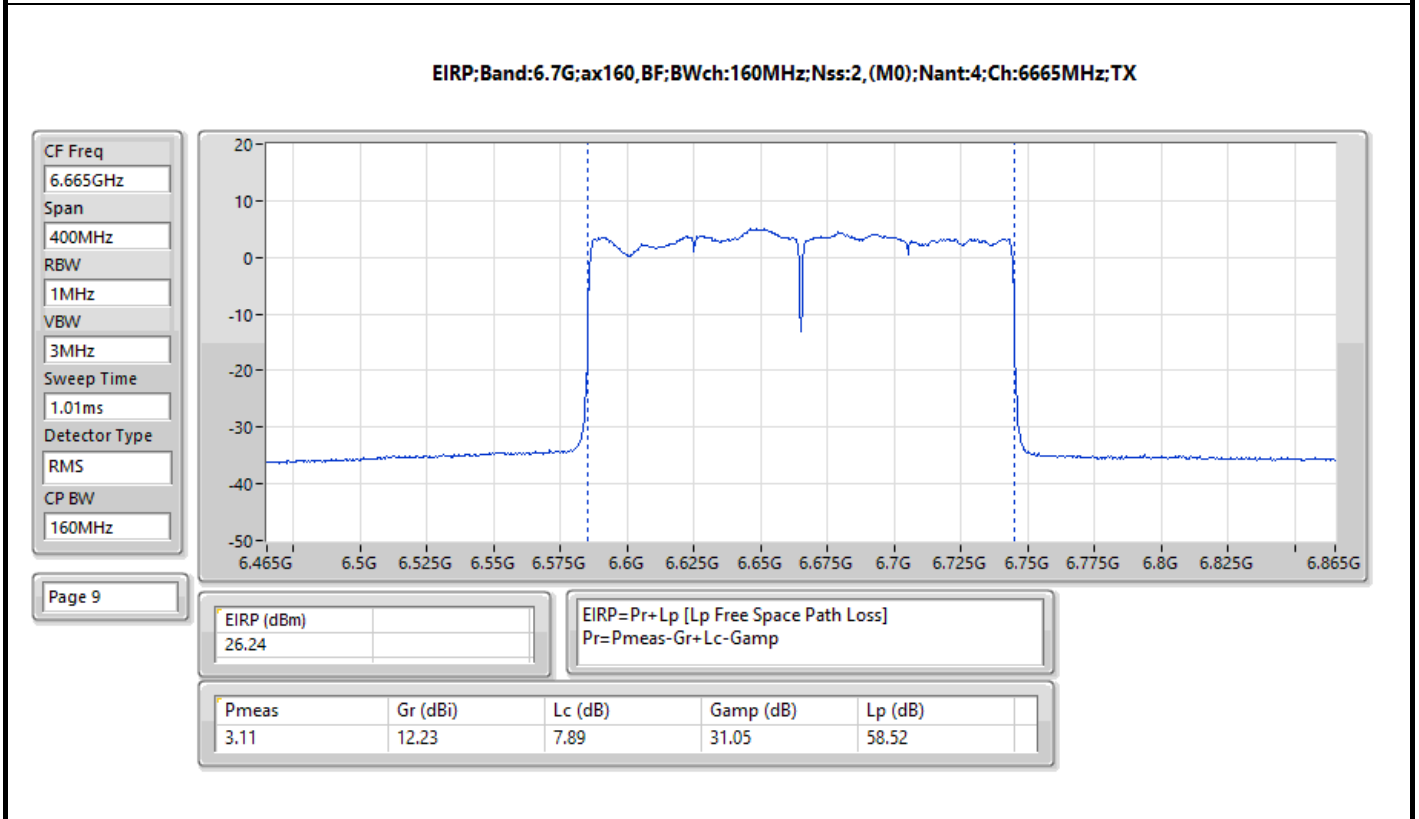
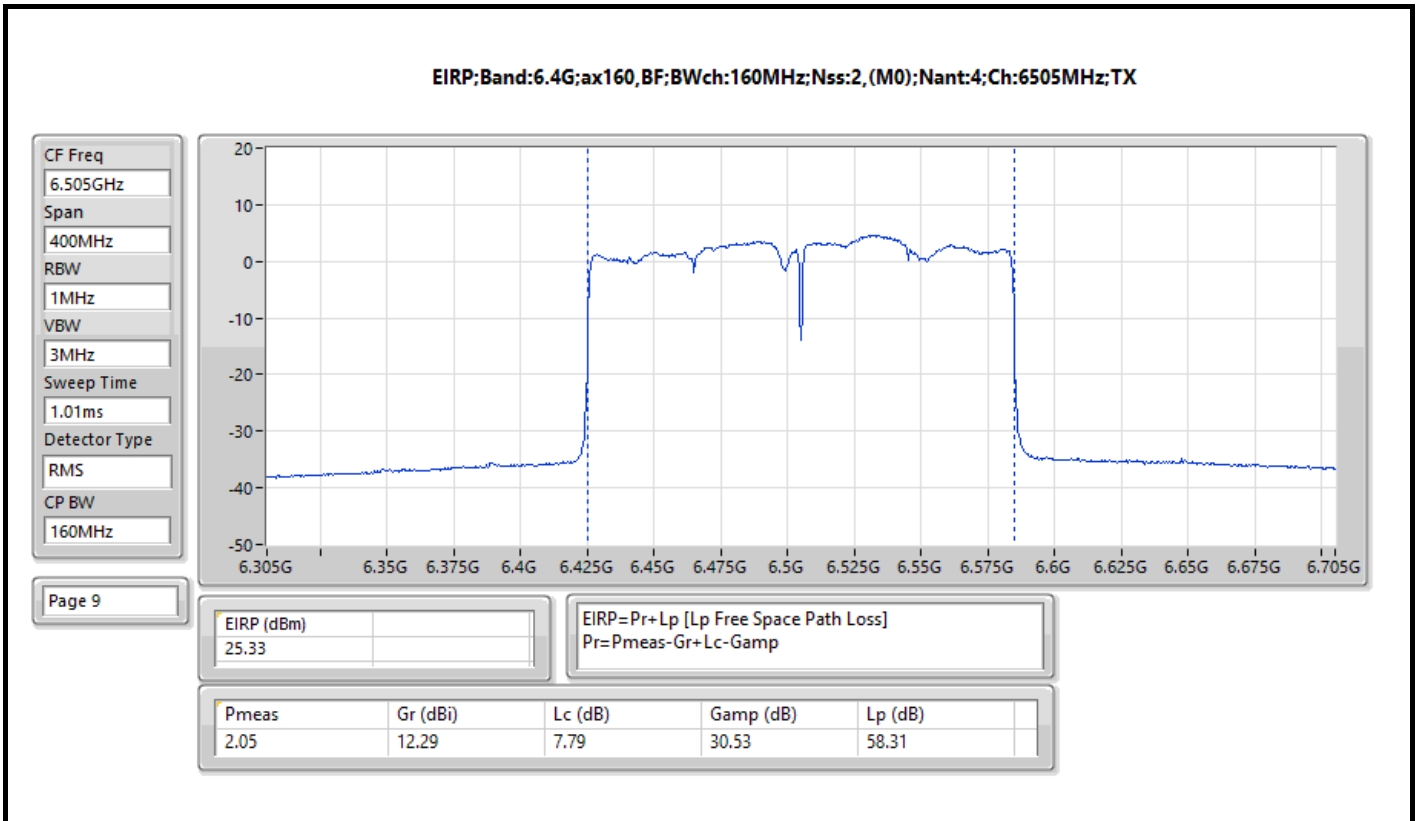


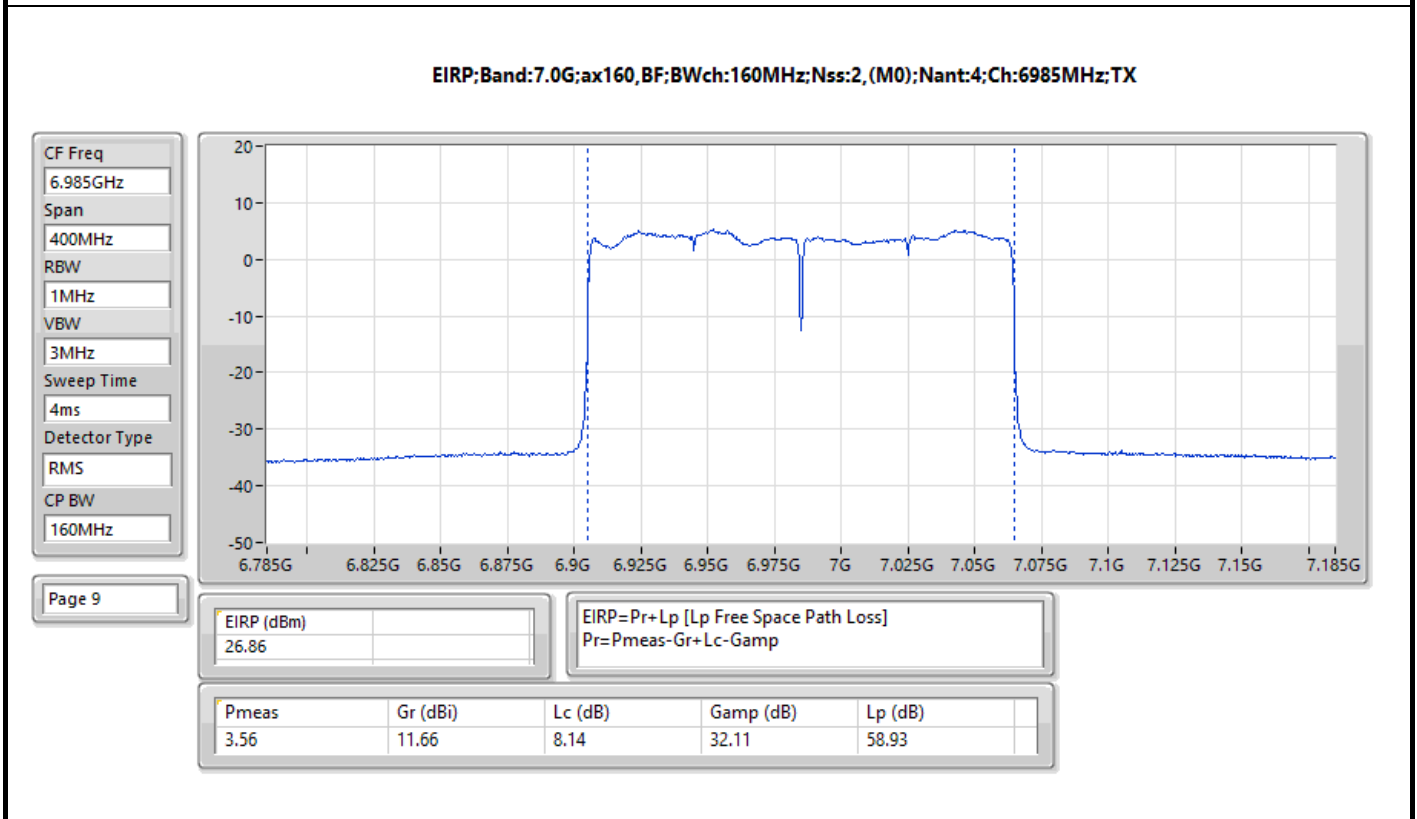
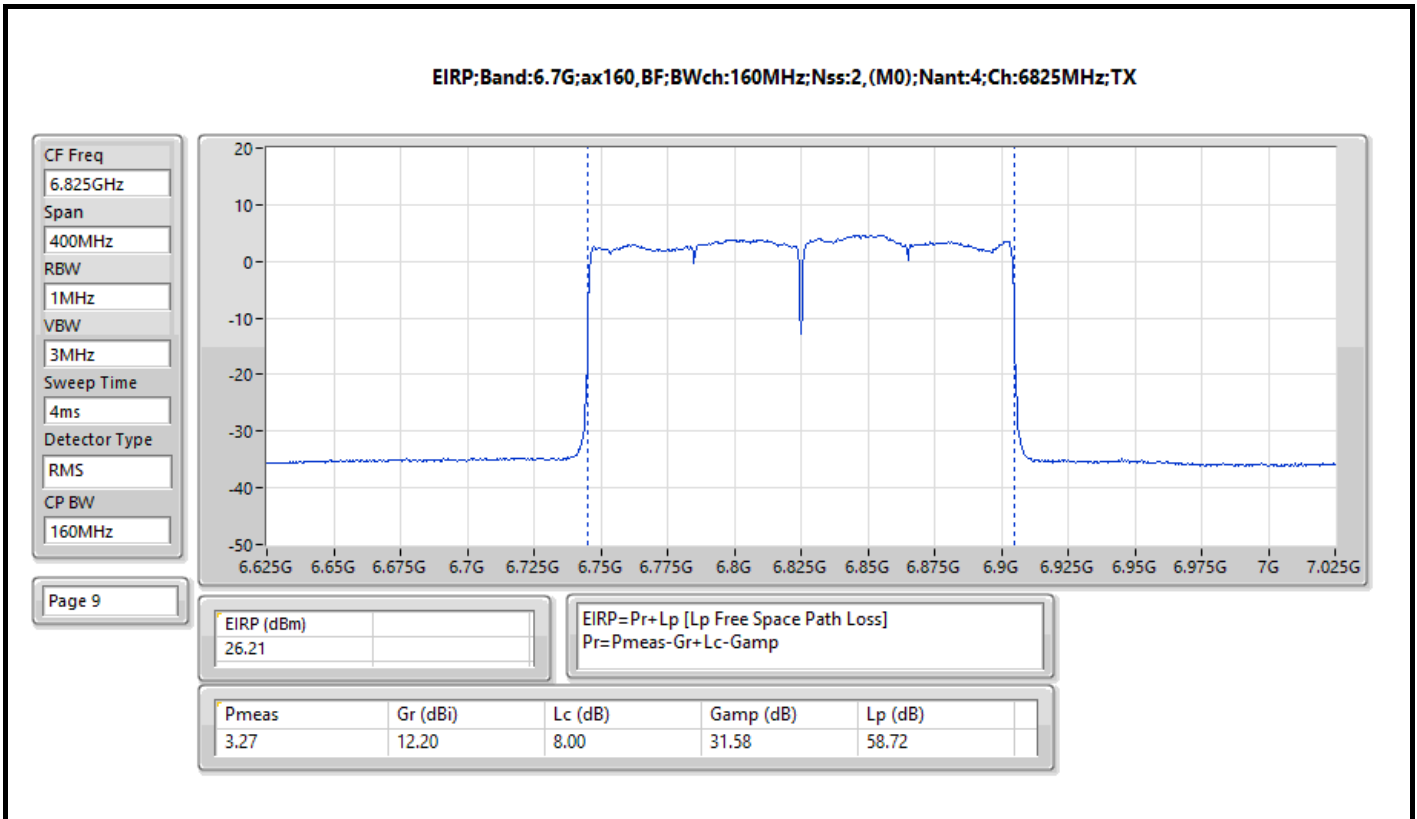














Summary

Mode	EIRP PD (dBm/RBW)
5.925-6.425GHz	-
802.11a_Nss1,(6Mbps)_4TX	4.92
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.82
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	4.95
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.93
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	4.96
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.99
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	4.94
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	4.94
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	4.99
6.425-6.525GHz	-
802.11a_Nss1,(6Mbps)_4TX	4.91
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.90
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	4.89
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.91
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	4.88
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.96
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	4.95
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	4.93
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	4.97
6.525-6.875GHz	-
802.11a_Nss1,(6Mbps)_4TX	4.94
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.92
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	4.97
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.99
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	4.94
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.99
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	4.96
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	4.97
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	4.99
6.875-7.125GHz	-
802.11a_Nss1,(6Mbps)_4TX	4.95
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.94
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	4.96
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.92
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	4.93
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.91
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	4.96
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	4.84
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	4.80

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



Result

Mode	Result	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-
6115MHz	Pass	4.86	5.00
6195MHz	Pass	4.76	5.00
6415MHz	Pass	4.92	5.00
6435MHz	Pass	4.90	5.00
6475MHz	Pass	4.91	5.00
6515MHz	Pass	4.91	5.00
6535MHz	Pass	4.92	5.00
6695MHz	Pass	4.84	5.00
6875MHz Straddle 6.525-6.875GHz	Pass	4.94	5.00
6895MHz	Pass	4.95	5.00
6995MHz	Pass	4.83	5.00
7055MHz	Pass	4.92	5.00
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-
6115MHz	Pass	4.58	5.00
6195MHz	Pass	4.82	5.00
6415MHz	Pass	4.79	5.00
6435MHz	Pass	4.72	5.00
6475MHz	Pass	4.90	5.00
6515MHz	Pass	4.84	5.00
6535MHz	Pass	4.42	5.00
6695MHz	Pass	4.92	5.00
6875MHz Straddle 6.525-6.875GHz	Pass	4.88	5.00
6895MHz	Pass	4.88	5.00
6995MHz	Pass	4.94	5.00
7055MHz	Pass	4.79	5.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-
6125MHz	Pass	4.93	5.00
6205MHz	Pass	4.86	5.00
6405MHz	Pass	4.90	5.00
6445MHz	Pass	4.69	5.00
6485MHz	Pass	4.91	5.00
6525MHz Straddle 6.425-6.525GHz	Pass	4.63	5.00
6565MHz	Pass	4.87	5.00
6685MHz	Pass	4.98	5.00
6885MHz Straddle 6.525-6.875GHz	Pass	4.99	5.00
6925MHz	Pass	4.92	5.00
7005MHz	Pass	4.90	5.00
7045MHz	Pass	4.74	5.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-
6145MHz	Pass	4.99	5.00
6225MHz	Pass	4.85	5.00
6385MHz	Pass	4.89	5.00
6465MHz	Pass	4.96	5.00
6545MHz Straddle 6.425-6.525GHz	Pass	4.89	5.00
6625MHz	Pass	4.62	5.00
6705MHz	Pass	4.99	5.00
6785MHz	Pass	4.93	5.00
6865MHz Straddle 6.525-6.875GHz	Pass	4.94	5.00
6945MHz	Pass	4.84	5.00
7025MHz	Pass	4.91	5.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-
6185MHz	Pass	4.94	5.00
6345MHz	Pass	4.86	5.00
6505MHz Straddle 6.425-6.525GHz	Pass	4.93	5.00



Mode	Result	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
6665MHz	Pass	4.91	5.00
6825MHz Straddle 6.525-6.875GHz	Pass	4.97	5.00
6985MHz	Pass	4.84	5.00
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	-	-	-
6115MHz	Pass	4.95	5.00
6195MHz	Pass	4.64	5.00
6415MHz	Pass	4.90	5.00
6435MHz	Pass	4.89	5.00
6475MHz	Pass	4.79	5.00
6515MHz	Pass	4.53	5.00
6535MHz	Pass	4.77	5.00
6695MHz	Pass	4.97	5.00
6875MHz Straddle 6.525-6.875GHz	Pass	4.69	5.00
6895MHz	Pass	4.35	5.00
6995MHz	Pass	4.96	5.00
7055MHz	Pass	4.94	5.00
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	-	-	-
6125MHz	Pass	4.95	5.00
6205MHz	Pass	4.96	5.00
6405MHz	Pass	4.94	5.00
6445MHz	Pass	4.72	5.00
6485MHz	Pass	4.88	5.00
6525MHz Straddle 6.425-6.525GHz	Pass	4.82	5.00
6565MHz	Pass	4.88	5.00
6685MHz	Pass	4.93	5.00
6885MHz Straddle 6.525-6.875GHz	Pass	4.94	5.00
6925MHz	Pass	4.90	5.00
7005MHz	Pass	4.89	5.00
7045MHz	Pass	4.93	5.00
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	-	-	-
6145MHz	Pass	4.94	5.00
6225MHz	Pass	4.93	5.00
6385MHz	Pass	4.93	5.00
6465MHz	Pass	4.95	5.00
6545MHz Straddle 6.425-6.525GHz	Pass	4.60	5.00
6625MHz	Pass	4.79	5.00
6705MHz	Pass	4.82	5.00
6785MHz	Pass	4.96	5.00
6865MHz Straddle 6.525-6.875GHz	Pass	4.95	5.00
6945MHz	Pass	4.96	5.00
7025MHz	Pass	4.85	5.00
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	-	-	-
6185MHz	Pass	4.99	5.00
6345MHz	Pass	4.84	5.00
6505MHz Straddle 6.425-6.525GHz	Pass	4.97	5.00
6665MHz	Pass	4.94	5.00
6825MHz Straddle 6.525-6.875GHz	Pass	4.99	5.00
6985MHz	Pass	4.80	5.00

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

