Testing Laboratory
3787

RADIO TEST REPORT

FCC ID	:	TLZ-XH32X
Equipment	:	IEEE 802.11 a/b/g/n/ac/ax Wi-Fi + Bluetooth 5.3 Combo SIP Module
Brand Name	:	AzureWave
Model Name	:	AW-XH323, AW-XH325, AW-XH327
Applicant	:	AzureWave Technologies, Inc. 8F., No.94, Baozhong Rd. , Xindian Dist., New Taipei City , Taiwan 231
Manufacturer	:	AzureWave Technologies, Inc. 8F., No.94, Baozhong Rd. , Xindian Dist., New Taipei City , Taiwan 231
Standard	:	47 CFR FCC Part 15.407

The product was received on Dec. 14, 2023, and testing was started from Dec. 16, 2023 and completed on Apr. 11, 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.)

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History of this test report

Report No.	Version	Description	Issued Date
FR3O3014AC	01	Initial issue of report	Apr. 25, 2024

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Equivalent Isotopically Radiated Power (E.I.R.P.)	PASS	-
-	15.407(a)	Proper Powepr Adjustment	N/A	Non-Dual Client or non-Standard Client w/o test
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: Sophia Shiung

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	ax (HEW20)	5955-7115	1-233 [59]
5925-7125	ax (HEW40)	5965-7085	3-227 [29]
5925-7125	ax (HEW80)	5985-7025	7-215 [14]

For SKU 1:

Band	Mode	BWch (MHz)	Nant
5.925-7.125GHz	802.11ax HEW20	20	2TX
5.925-7.125GHz	802.11ax HEW20-BF	20	2TX
5.925-7.125GHz	802.11ax HEW40	40	2TX
5.925-7.125GHz	802.11ax HEW40-BF	40	2TX
5.925-7.125GHz	802.11ax HEW80	80	2TX
5.925-7.125GHz	802.11ax HEW80-BF	80	2TX

For SKU 2:

Band	Mode	BWch (MHz)	Nant
5.925-7.125GHz	802.11ax HEW20	20	1TX
5.925-7.125GHz	802.11ax HEW40	40	1TX
5.925-7.125GHz	802.11ax HEW80	80	1TX

Note:
- HEW20, HEW40 and HEW80 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	ARISTOTLE	RFA-27-JP326MHF4C198	PIFA	I-PEX	Note 1
2					

Note 1:

Ant.	Port		Gain (dBi)		
	WLAN 2.4GHz / 5GHz / 6GHz	Bluetooth	WLAN 2.4GHz	WLAN 5GHz / 6GHz	Bluetooth
1	1	1	3.5	5	3.5
2	2	N/A			

Note 2: The above information was declared by manufacturer.
Note 3: Directional gain information for 2TX/2RX

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

Ex.

Directional Gain (NSS1) formula : $Directiona\ lGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$

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

gj,k =(Nss1(g1,1) + Nss1(g1,2) + Nss1(g1,3) + Nss1(g1,4))^2

DG = 10 log[(Nss1(g1,1) + Nss1(g1,2) + Nss1(g1,3) + Nss1(g1,4))^2 / N_{ANT}] => 10 log[($10^{G1/20}$ + $10^{G2/20}$ + $10^{G3/20}$ + $10^{G4/20}$)^2 / N_{ANT}]

Where ;

2.4G G1= 3.5 dBi ;G2= 3.5 dBi ;

5G UNII-1 G1 = 5.00 dBi; G2 = 5.00 dBi;

5G UNII-2A G1 = 5.00 dBi; G2 = 5.00 dBi;

5G UNII-2C G1 = 5.00 dBi; G2 = 5.00 dBi;

5G UNII-3 G1 = 5.00 dBi; G2 = 5.00 dBi;

2.4G DG = 6.51 dBi

5G UNII-1 DG = 8.01 dBi

5G UNII-2A DG = 8.01 dBi

5G UNII-2C DG = 8.01 dB

5G UNII-3 DG = 8.01 dBi

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

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

Only Port 1 can be used as transmitting/receiving antenna.

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 802.11a/n/ac/ax (1TX/1RX):

Only Port 1 can be used as transmitting/receiving antenna.

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

For 6GHz function:

For IEEE 802.11ax (1TX/1RX):

Only Port 1 can be used as transmitting/receiving antenna.

For IEEE 802.11ax (2TX/2RX):

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

Port 1 and Port 2 could transmit/receive simultaneously.

For Bluetooth function (1TX/1RX):

Only Port 1 can be used as transmitting/receiving antenna.

1.1.3 Mode Test Duty Cycle

For SKU 1:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11ax HEW20_Nss 1,(M0)	0.913	0.4	1.05m	1k
802.11ax HEW20-BF_Nss 1,(M0)	0.919	0.37	1.05m	1k
802.11ax HEW40_Nss 1,(M0)	0.851	0.7	550.937u	3k
802.11ax HEW40-BF_Nss 1,(M0)	0.841	0.75	550.937u	3k
802.11ax HEW80_Nss 1,(M0)	0.759	1.2	305u	10k
802.11ax HEW80-BF_Nss 1,(M0)	0.751	1.24	305u	10k

For SKU 2:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11ax HEW20_Nss 1,(M0)	0.915	0.39	1.048m	1k
802.11ax HEW40_Nss 1,(M0)	0.841	0.75	551.25u	3k
802.11ax HEW80_Nss 1,(M0)	0.741	1.3	296.875u	10k

Note:
- DC is Duty Cycle.
- DCF is Duty Cycle Factor.

1.1.4 EUT Operational Condition

EUT Power Type	From host system			
Beamforming Function	☒	With beamforming	☐	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	☐	Indoor Access Point	☐	Subordinate
	☒	Indoor Client	☐	Standard Power Access Point
	☐	Dual Client	☐	Standard Client
	☐	Fixed Client	☐	Very Low Power
Condition of EUT	☒	Indoor	☐	Outdoor
Channel Puncturing Function	☐	Supported	☒	Unsupported
Support RU	☒	Full RU	☐	Partial RU
Test Software Version	Tera Term 4.75			
Software / Firmware Version for CBP	18.15 RC1.49 wl0: Nov 24 2023 01:48:44 version 18.53.284.17 (92de749) FWID 01-772c0c50			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

Model Name	Description
AW-XH323	All the models are identical, the different model names serve as strategies for marketing.
AW-XH325	
AW-XH327	

Note 1: From the above models, AW-XH323 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 EUT Information

The EUT has 3 SKUs. The difference between them lies in the software settings listed below:

SKU	TX/RX Function for WLAN	Supporting WLAN 6GHz
1	2TX/2RX	V
2	1TX/1RX	V
3	2TX/2RX	X

Note 1: From the above SKUs, SKU 1 was selected to test all the test items, and SKU 2 was selected to test all the test items except Contention Based Protocol. Their data was recorded in this report.

Note 2: The above information was declared by manufacturer.

1.2 Applicable Standards

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

- 47 CFR FCC Part 15.407
- 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)	TH01-CB	Ken Yeh	21.4~22.7 / 66~68	Dec. 21, 2023~ Jan. 15, 2024
RF Radiated (E.I.R.P. Power/PSD)	03CH01-CB	Black Lu	21.2~22.3 / 56-59	Dec. 16, 2023~ Jan. 12, 2024
	03CH06-CB		21.4~22.5 / 55~58	
Radiated < 1GHz	03CH04-CB	Black Lu	22.7~23.8 / 56~59	Mar. 19, 2024~ Apr. 11, 2024
Radiated > 1GHz	03CH01-CB	Black Lu	21.2~22.3 / 56-59	Dec. 16, 2023~ Jan. 12, 2024
	03CH06-CB		21.4~22.5 / 55~58	
AC Conduction	CO01-CB	Joe Chu	22~23 / 50~51	Mar. 27, 2024
RF Conducted (Contention-Based Protocol test)	DF02-CB	Sean Ku	21.8~22.3 / 64~68	Mar. 18, 2024~ Mar. 19, 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%
Bandwidth Measurement	2.2%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

For SKU 1:
Non-beamforming mode:

Mode
802.11ax HEW20_Nss1,(MCS0)_2TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz Straddle 6.525-6.875GHz
6895MHz
6995MHz
7095MHz
7115MHz
802.11ax HEW40_Nss1,(MCS0)_2TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz Straddle 6.425-6.525GHz
6565MHz
6685MHz
6885MHz Straddle 6.525-6.875GHz
6925MHz
7005MHz
7085MHz
802.11ax HEW80_Nss1,(MCS0)_2TX
5985MHz
6225MHz
6385MHz
6465MHz
6545MHz Straddle 6.425-6.525GHz
6625MHz
6705MHz
6785MHz
6865MHz Straddle 6.525-6.875GHz
6945MHz
7025MHz

Beamforming mode:

Mode
802.11ax HEW20-BF_Nss1,(MCS0)_2TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz Straddle 6.525-6.875GHz
6895MHz
6995MHz
7095MHz
7115MHz
802.11ax HEW40-BF_Nss1,(MCS0)_2TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz Straddle 6.425-6.525GHz
6565MHz
6685MHz
6885MHz Straddle 6.525-6.875GHz
6925MHz
7005MHz
7085MHz
802.11ax HEW80-BF_Nss1,(MCS0)_2TX
5985MHz
6225MHz
6385MHz
6465MHz
6545MHz Straddle 6.425-6.525GHz
6625MHz
6705MHz
6785MHz
6865MHz Straddle 6.525-6.875GHz
6945MHz
7025MHz

For SKU 2:

Mode
802.11ax HEW20_Nss1,(MCS0)_1TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz Straddle 6.525-6.875GHz
6895MHz
6995MHz
7095MHz
7115MHz
802.11ax HEW40_Nss1,(MCS0)_1TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz Straddle 6.425-6.525GHz
6565MHz
6685MHz
6885MHz Straddle 6.525-6.875GHz
6925MHz
7005MHz
7085MHz
802.11ax HEW80_Nss1,(MCS0)_1TX
5985MHz
6225MHz
6385MHz
6465MHz
6545MHz Straddle 6.425-6.525GHz
6625MHz
6705MHz
6785MHz
6865MHz Straddle 6.525-6.875GHz
6945MHz
7025MHz

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	EUT (SKU 1)_WLAN 2.4GHz + Bluetooth
2	EUT (SKU 1)_WLAN 5GHz + Bluetooth
3	EUT (SKU 1)_WLAN 6GHz + Bluetooth
4	EUT (SKU 2)_WLAN 2.4GHz + Bluetooth
5	EUT (SKU 2)_WLAN 5GHz + Bluetooth
6	EUT (SKU 2)_WLAN 6GHz + Bluetooth
For operating, Mode 4 was the worst case, and it was recorded in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Maximum Equivalent Isotopically 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.
Operating Mode	The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found at Y axis. Thus, the measurement will follow this same test configuration.
1	EUT (SKU 1) in Y axis
2	EUT (SKU 2) in Y axis

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Emission MASK
Test Condition	Conducted measurement at transmit chains
1	EUT (SKU 1)
2	EUT (SKU 2)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Contention Based Protocol
Test Condition	Conducted measurement at transmit chains
1	EUT (SKU 1)

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	Normal link
	The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found at Z axis. Thus, the measurement will follow this same test configuration.
1	EUT (SKU 1) in Z axis_WLAN 2.4GHz + Bluetooth
2	EUT (SKU 1) in Z axis_WLAN 5GHz + Bluetooth
3	EUT (SKU 1) in Z axis_WLAN 6GHz + Bluetooth
4	EUT (SKU 2) in Z axis_WLAN 2.4GHz + Bluetooth
5	EUT (SKU 2) in Z axis_WLAN 5GHz + Bluetooth
6	EUT (SKU 2) in Z axis_WLAN 6GHz + Bluetooth
For operating, Mode 1 was the worst case, and it was recorded in this test report.	
Operating Mode > 1GHz	CTX
	The EUT (SKU 1) and EUT (SKU 2) were performed at X axis, Y axis and Z axis position. Their worst cases are listed as below:
1	EUT (SKU 1) in Y axis (Bandedge)
	EUT (SKU 1) in Z axis (Harmonic)
2	EUT (SKU 2) in Y axis (Bandedge)
	EUT (SKU 2) in Z axis (Harmonic)

Note: The EUT can enable the WLAN function and the Bluetooth function at the same time, but they cannot function simultaneously. There will be a time delay between switching from each function.

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

N/A

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Fixture 1	AZW	2460-i3	N/A
B	Fixture 2	AZW	2460-i6	N/A
C	Control NB	DELL	E6430	N/A
D	NB 1	DELL	E6430	N/A
E	AP Router	TP-LINK	Archer C54	N/A
F	NB 2	DELL	E6430	N/A
G	iPad mini	Apple	A1489	N/A
H	Mouse	acer	MOBVUO	N/A
I	Earphone	e-Power	GT-02	N/A

For Radiated < 1GHz:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Fixture 1	AZW	2460-i3	N/A
B	Fixture 2	AZW	2460-i6	N/A
C	NB 1	DELL	E6230	N/A
D	WLAN AP	ASUS	RT-AX88U	N/A
E	NB 2	DELL	E4300	N/A
F	Mouse	Logitech	M-U0026	N/A
G	Earphone	e-Power	S90W	N/A
H	iPad	Apple	A1430	N/A

For Radiated > 1GHz and RF Radiated (E.I.R.P. Power/PSD):

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Fixture 1	AZW	2460-i3	N/A
B	Fixture 2	AZW	2460-i6	N/A
C	NB	DELL	E6230	N/A

For RF Conducted (Other tests):

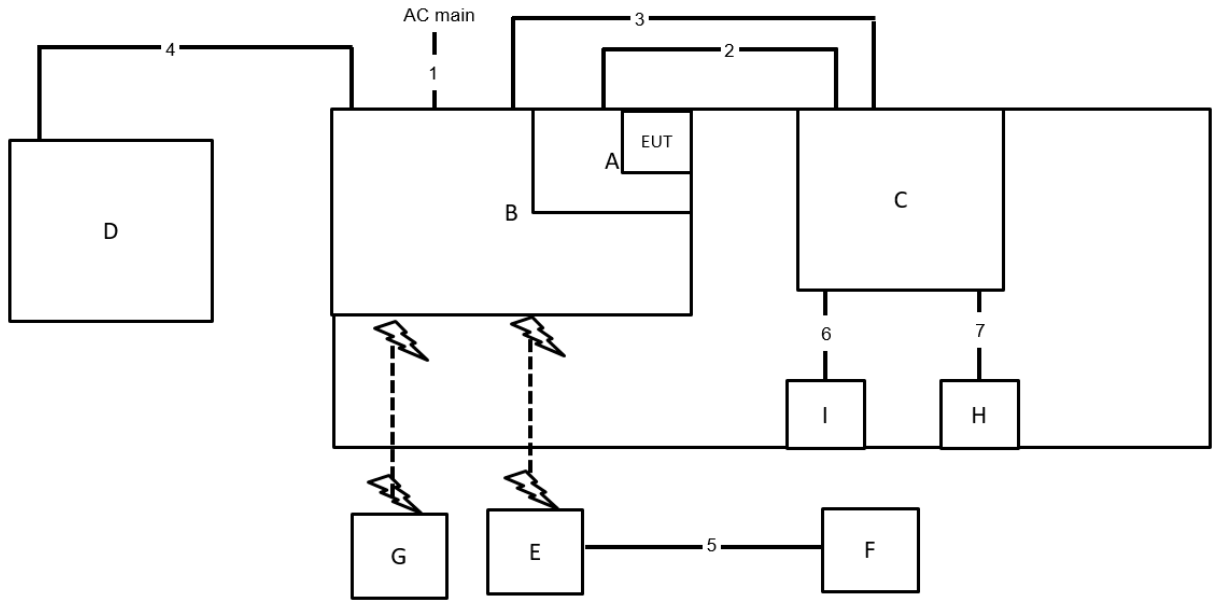
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	USB to TypeC cable	PHILIPS	DLC4543	N/A
C	USB to TypeC cable	PHILIPS	DLC4543	N/A
D	Fixture 1	AZW	2460-i3	N/A
E	Fixture 2	AZW	2460-i6	N/A

For RF Conducted (Contention Based Protocol test):

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	Lenovo	L440	N/A
B	NB	DELL	E4300	N/A
C	WLAN AP	LINKSYS	MR7500	K7S-03689
D	Fixture 1	AZW	2460-i3	N/A
E	Fixture 2	AZW	2460-i6	N/A

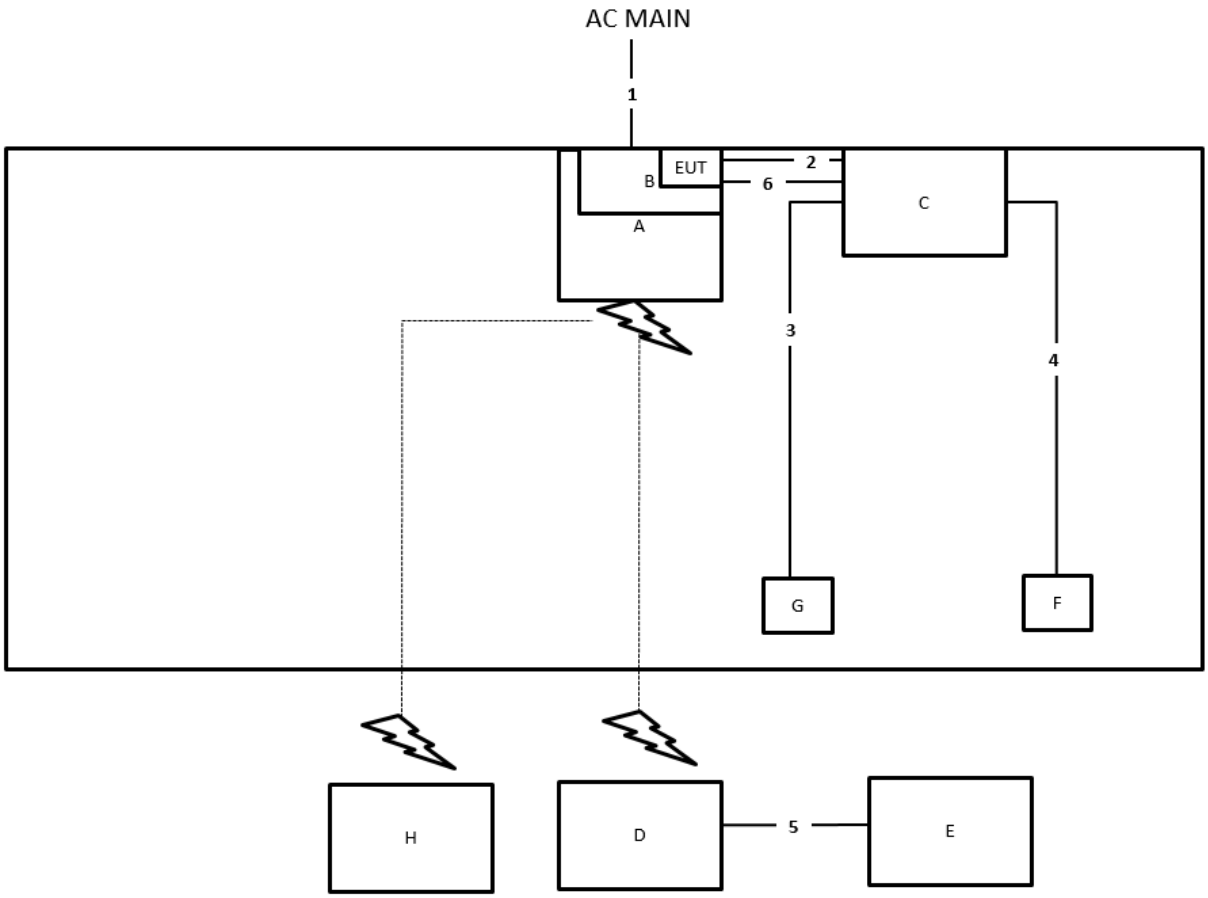
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



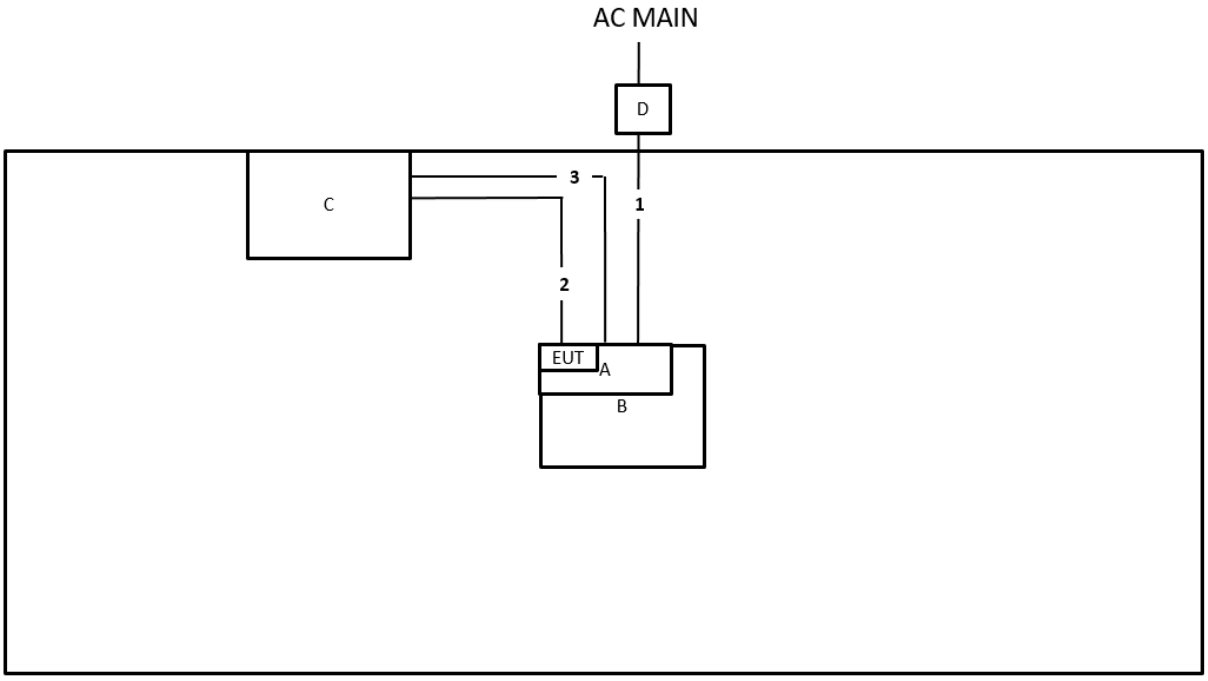
Item	Connection	Shielded	Length
1	Power cable	No	1.9m
2	Type C USB cable	Yes	0.5m
3	Type C USB cable	Yes	1m
4	RJ-45 cable	No	10m
5	RJ-45 cable	No	1.5m
6	Audio cable	No	1m
7	USB cable	Yes	1m

Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	1.9m
2	USB to TypeC cable	Yes	1m
3	Audio cable	No	1m
4	USB cable	Yes	1.5m
5	RJ-45 cable	No	10m
6	USB to TypeC cable	Yes	1m

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	1.9m
2	USB to TypeC cable	Yes	1m
3	USB to TypeC cable	Yes	1m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

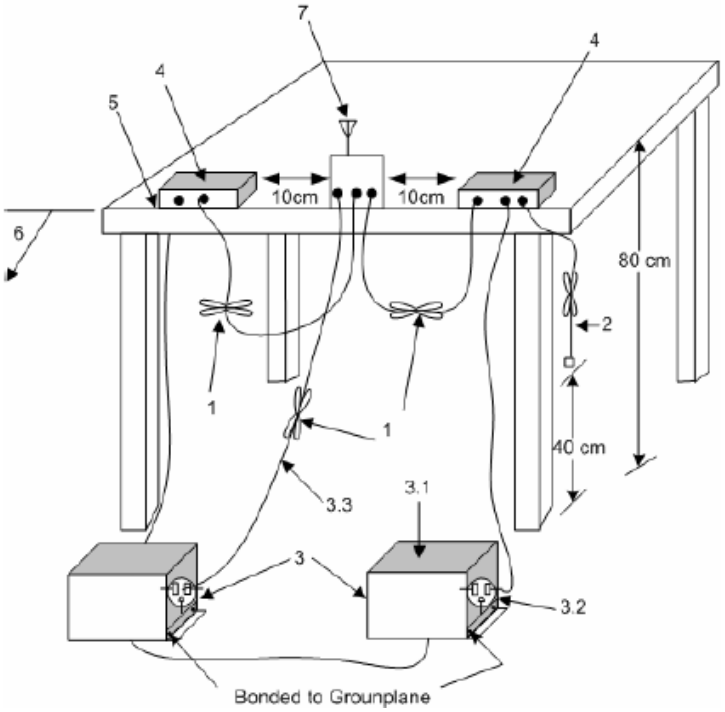
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

3.1.5 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
☒ For the 5925-6425 GHz band, N/A
☒ For the 6425-6525 GHz band, N/A
☒ For the 6525-6875 GHz band, N/A
☒ For the 6875-7125 GHz band, N/A
RLAN Devices
☐ For the 5925-6425 GHz band, N/A
☐ For the 6425-6525 GHz band, N/A
☐ For the 6525-6875 GHz band, N/A
☐ For the 6875-7125 GHz band, N/A

3.2.2 Measuring Instruments

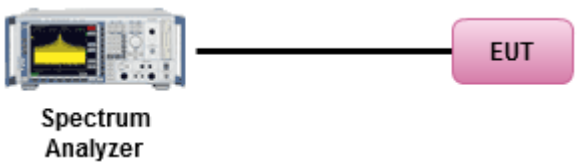
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

Test Method	
▪	For the emission bandwidth shall be measured using one of the options below:
	☒ 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.
	☐ Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.
	☐ Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.

3.2.4 Test Setup

Emission Bandwidth



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

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

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

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

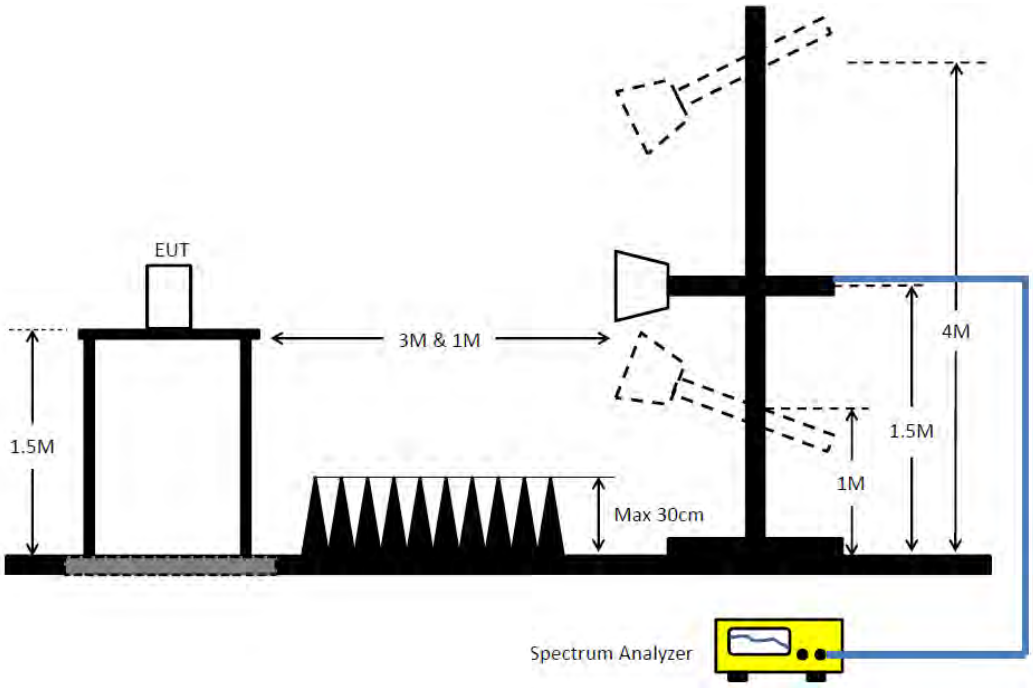
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

Test Method	
▪	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
	☒ 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.
	☐ 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
	☐ Refer as FCC KDB 789033 D02, clause E Method PM-G (using an RF average power meter).
☐	For conducted measurement.
	▪ If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$
☒	For radiated measurement.
	▪ 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

Radiated Measurement



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

Refer as Appendix C

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

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

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

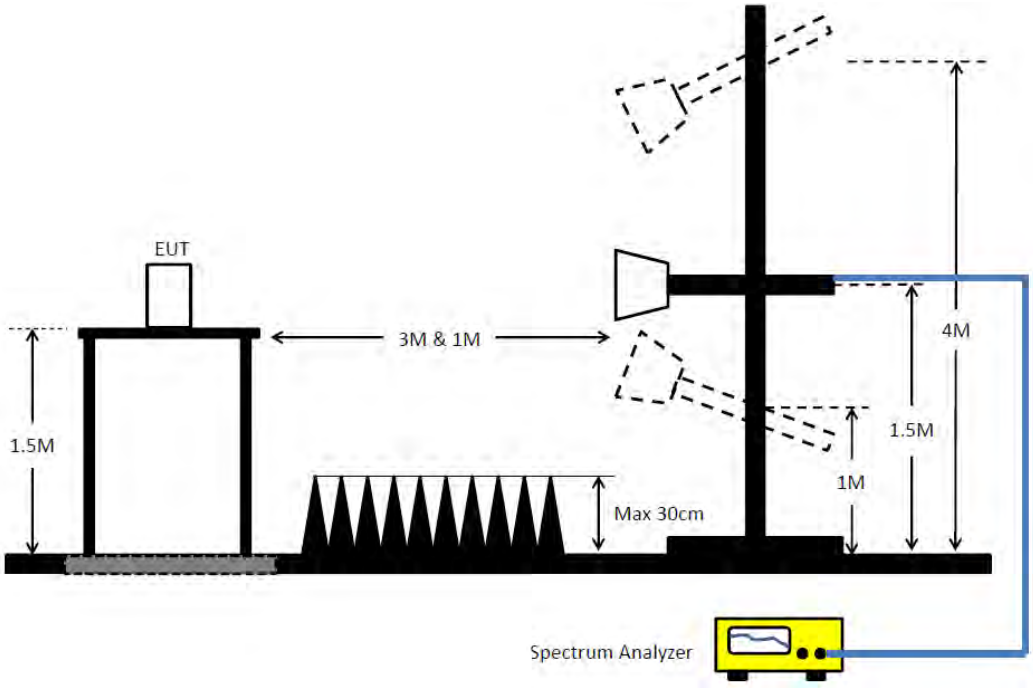
3.4.3 Test Procedures

Test Method	
▪ 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:	
	☐ Refer as FCC KDB 789033 D02, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
	[duty cycle ≥ 98% or external video / power trigger]
	☒ Refer as FCC KDB 789033 D02, clause E Method SA-1 (spectral trace averaging).
	☐ 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
	☒ Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
	☐ Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
☐ For conducted measurement.	
	▪ If the EUT supports multiple transmit chains using options given below:
	☐ Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
	☐ Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
	☐ Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
	▪ If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \ldots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$

☒	For radiated measurement.
	▪ 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

Radiated Measurement



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

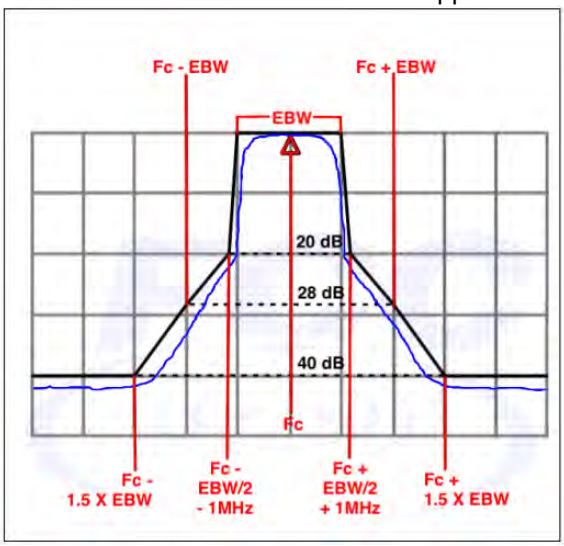
Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	**Field Strength (uV/m)**	**Field Strength (dBuV/m)**	**Measure Distance (m)**
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	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 x log (standard distance/ test distance) = 20log(3/1) = 9.54dB.
EX. Above 18GHz emission limit calculation (3m to 1m) = 54dBuV/m at 3m + 9.54dB = 63.54 dBuV/m at 1m.

Un-restricted band emissions above 1GHz Limit	
Frequency	**Limit**
Any outside the 5.945 – 7.125 GHz emission	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
	Note 1: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m(20 x log (standard distance/ test distance) = 20log(3/1) = 9.54dB. EX. Above 18GHz emission limit calculation (3m to 1m) = 68.2dBuV/m at 3m + 9.54dB = 77.74 dBuV/m at 1m. 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	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. 

3.5.2 Measuring Instruments

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

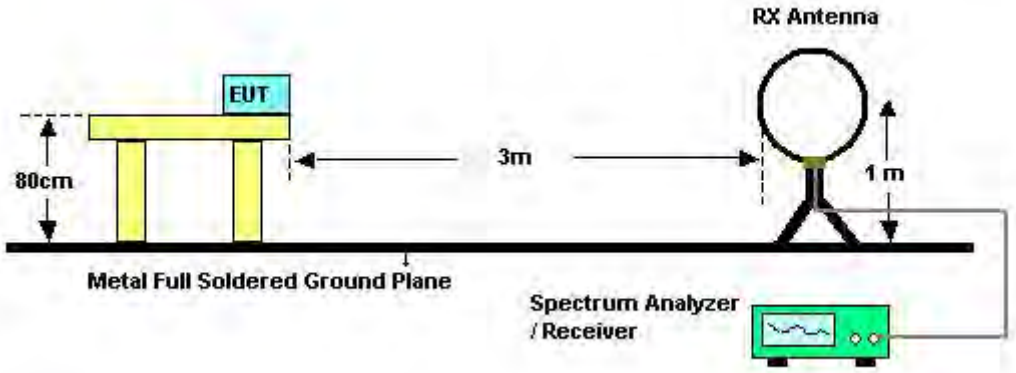
3.5.3 Test Procedures

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

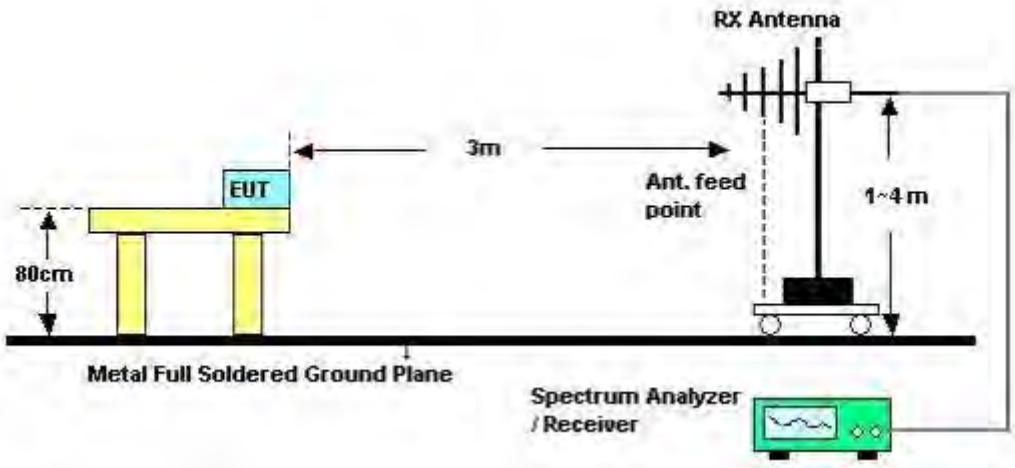
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

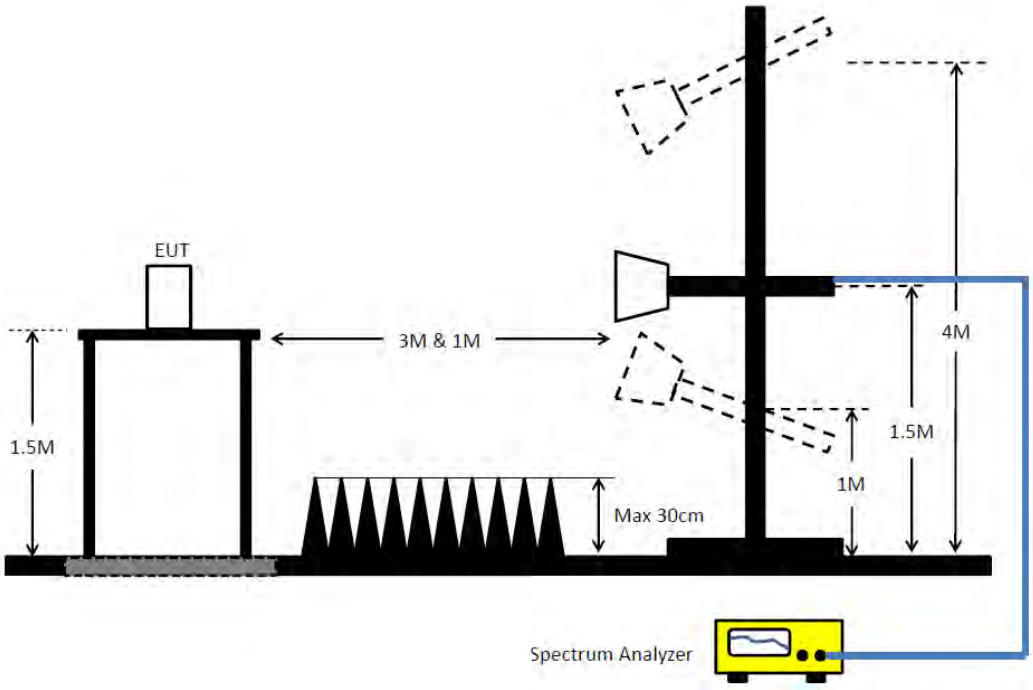
9kHz ~30MHz



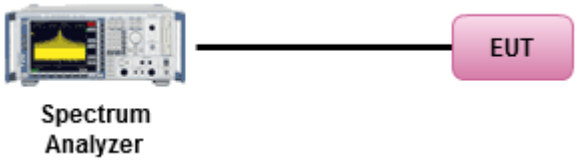
30MHz~1GHz



Above 1GHz



Emission MASK



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

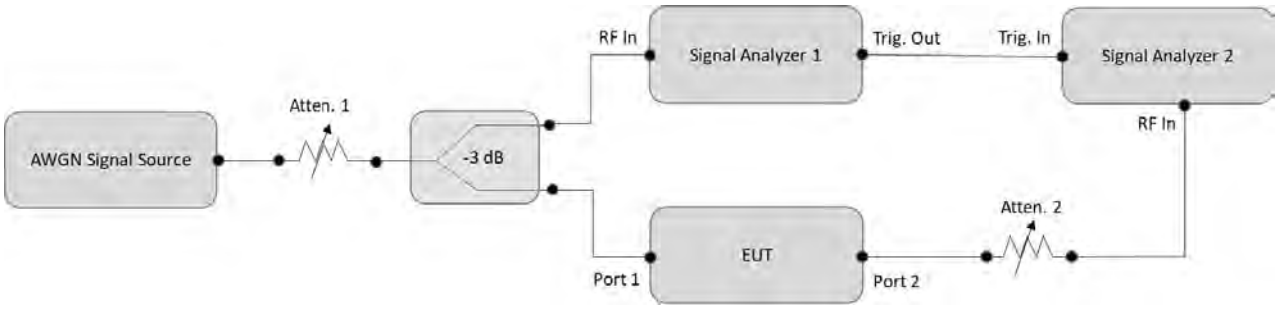
Refer a test equipment and calibration data table in this test report.

3.6.3 Test Procedures

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

3.6.4 Test Setup

Contention Based Protocol



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	My52260123	9kHz ~ 8.4GHz	Mar. 01, 2024	Feb. 28, 2025	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 19, 2024	Feb. 18, 2025	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. 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 (03CH04-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH04-CB	30MHz ~ 1GHz	Aug. 01, 2023	Jul. 31, 2024	Radiation (03CH04-CB)
BILOG ANTENNA with 6 dB attenuator	Schaffner & EMCI	CBL6112B & N-6-06	22021&AT-N0607	30MHz ~ 1GHz	Oct. 07, 2023	Oct. 06, 2024	Radiation (03CH04-CB)
Pre-Amplifier	EMCI	EMC330N	980391	20MHz ~ 3GHz	May 23, 2023	May 22, 2024	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 19, 2024	Mar. 18, 2025	Radiation (03CH04-CB
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 13, 2023	Jun. 12, 2024	Radiation (03CH04-CB)
RF Cable-low	Woken	RG402	Low Cable-03+67	30MHz – 1GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH04-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)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Nov. 28, 2023	Nov. 27, 2024	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1GHz ~ 18GHz	Nov. 06, 2023	Nov. 05, 2024	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1GHz ~ 18GHz	Nov. 06, 2023	Nov. 05, 2024	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40GHz	Dec. 06, 2023	Dec. 05, 2024	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	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 ~ 40GHz	Dec. 06, 2023	Dec. 05, 2024	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 29, 2023	May 28, 2024	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1~26.5GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1GHz – 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1GHz – 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-08	1GHz – 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1GHz – 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1GHz – 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1GHz – 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
Power Sensor	Anritsu	MA2411B	1339408	300MHz~ 40GHz	Sep. 12, 2023	Sep. 11, 2024	Conducted (TH01-CB)
Power Meter	Anritsu	ML2495A	1517009	300MHz~ 40GHz	Sep. 12, 2023	Sep. 11, 2024	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)
Spectrum Analyzer	R&S	FSV40	101025	9kHz ~ 40GHz	Nov. 07, 2023	Nov. 06, 2024	Conducted (DF02-CB)
Signal generator	R&S	SMB100A	181239	1MHz-40GHz	Jan. 08, 2024	Jan. 07, 2025	Conducted (DF02-CB)
Vector Signal generator	R&S	SMW200A	109426	100kHz- 7.5GHz	Dec. 21, 2023	Dec. 20, 2024	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -05	1 ~ 8GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -06	1 ~ 8GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -07	1 ~ 8GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -08	1 ~ 8GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	Cable-60	1~18GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	Cable-61	1~18GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	Cable-63	1~18GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	Cable-65	1~18GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (DF02-CB)
100MS/s Digitizer	N.I	USB-5133	F65206	N/A	Mar. 17, 2023	Mar. 16, 2024	Conducted (DF02-CB)

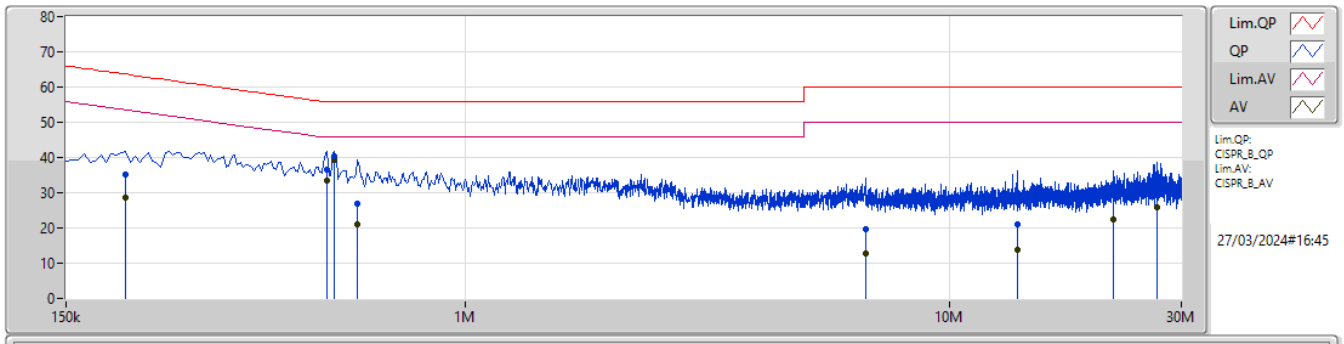
Note: Calibration Interval of instruments listed above is one year.

NCR means Non-Calibration required.

Summary

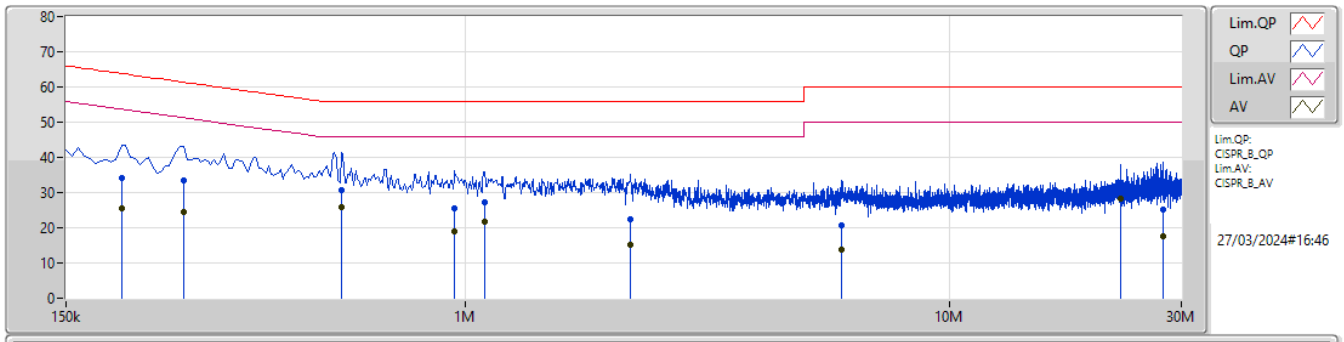
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 4	Pass	AV	537k	39.20	46.00	-6.80	Line

Mode 4



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	199.5k	35.21	63.63	-28.42	9.95	Line	-	25.26	0.08	0.02	9.85
AV	199.5k	28.70	53.63	-24.93	9.95	Line	-	18.75	0.08	0.02	9.85
QP	519k	36.53	56.00	-19.47	10.02	Line	-	26.51	0.10	0.02	9.90
AV	519k	33.29	46.00	-12.71	10.02	Line	-	23.27	0.10	0.02	9.90
QP	537k	40.42	56.00	-15.58	10.02	Line	-	30.40	0.10	0.02	9.90
AV	537k	39.20	46.00	-6.80	10.02	Line	"Worst"	29.18	0.10	0.02	9.90
QP	600k	26.92	56.00	-29.08	10.02	Line	-	16.90	0.10	0.02	9.90
AV	600k	21.13	46.00	-24.87	10.02	Line	-	11.11	0.10	0.02	9.90
QP	6.693M	19.69	60.00	-40.31	10.27	Line	-	9.42	0.22	0.14	9.91
AV	6.693M	12.70	50.00	-37.30	10.27	Line	-	2.43	0.22	0.14	9.91
QP	13.74M	21.08	60.00	-38.92	10.38	Line	-	10.70	0.27	0.17	9.94
AV	13.74M	13.85	50.00	-36.15	10.38	Line	-	3.47	0.27	0.17	9.94
QP	21.669M	29.47	60.00	-30.53	10.57	Line	-	18.90	0.31	0.23	10.03
AV	21.669M	22.48	50.00	-27.52	10.57	Line	-	11.91	0.31	0.23	10.03
QP	26.768M	33.34	60.00	-26.66	10.66	Line	-	22.68	0.32	0.29	10.05
AV	26.768M	25.73	50.00	-24.27	10.66	Line	-	15.07	0.32	0.29	10.05

Mode 4



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	195k	34.00	63.82	-29.82	9.94	Neutral	-	24.06	0.07	0.02	9.85
AV	195k	25.68	53.82	-28.14	9.94	Neutral	-	15.74	0.07	0.02	9.85
QP	262.5k	33.61	61.35	-27.74	9.96	Neutral	-	23.65	0.07	0.02	9.87
AV	262.5k	24.52	51.35	-26.83	9.96	Neutral	-	14.56	0.07	0.02	9.87
QP	555k	30.72	56.00	-25.28	9.99	Neutral	-	20.73	0.07	0.02	9.90
AV	555k	25.91	46.00	-20.09	9.99	Neutral	"Worst"	15.92	0.07	0.02	9.90
QP	951k	25.59	56.00	-30.41	10.00	Neutral	-	15.59	0.08	0.01	9.91
AV	951k	18.81	46.00	-27.19	10.00	Neutral	-	8.81	0.08	0.01	9.91
QP	1.095M	27.20	56.00	-28.80	10.01	Neutral	-	17.19	0.08	0.02	9.91
AV	1.095M	21.61	46.00	-24.39	10.01	Neutral	-	11.60	0.08	0.02	9.91
QP	2.189M	22.30	56.00	-33.70	10.07	Neutral	-	12.23	0.10	0.08	9.89
AV	2.189M	15.22	46.00	-30.78	10.07	Neutral	-	5.15	0.10	0.08	9.89
QP	5.987M	20.65	60.00	-39.35	10.21	Neutral	-	10.44	0.17	0.14	9.90
AV	5.987M	13.89	50.00	-36.11	10.21	Neutral	-	3.68	0.17	0.14	9.90
QP	22.524M	32.83	60.00	-27.17	10.60	Neutral	-	22.23	0.32	0.24	10.04
AV	22.524M	28.11	50.00	-21.89	10.60	Neutral	-	17.51	0.32	0.24	10.04
QP	27.573M	25.21	60.00	-34.79	10.75	Neutral	-	14.46	0.38	0.31	10.06
AV	27.573M	17.47	50.00	-32.53	10.75	Neutral	-	6.72	0.38	0.31	10.06

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	21.395M	19.041M	19M0D1D	20.35M	18.909M
802.11ax HEW40_Nss1,(MCS0)_2TX	39.38M	37.731M	37M7D1D	38.61M	36.94M
802.11ax HEW80_Nss1,(MCS0)_2TX	81.62M	77.37M	77M4D1D	79.64M	75.469M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	21.34M	19.025M	19M0D1D	19.965M	18.917M
802.11ax HEW40_Nss1,(MCS0)_2TX	39.05M	37.421M	37M4D1D	38.61M	37.176M
802.11ax HEW80_Nss1,(MCS0)_2TX	80.3M	76.726M	76M7D1D	79.42M	75.954M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	21.505M	19.031M	19M0D1D	20.02M	18.846M
802.11ax HEW40_Nss1,(MCS0)_2TX	39.05M	37.855M	37M9D1D	38.61M	37.157M
802.11ax HEW80_Nss1,(MCS0)_2TX	80.08M	77.387M	77M4D1D	79.42M	75.616M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	21.395M	19.085M	19M1D1D	19.47M	18.863M
802.11ax HEW40_Nss1,(MCS0)_2TX	39.16M	37.654M	37M7D1D	38.5M	36.256M
802.11ax HEW80_Nss1,(MCS0)_2TX	80.3M	77.026M	77M0D1D	79.64M	76.522M

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

Result

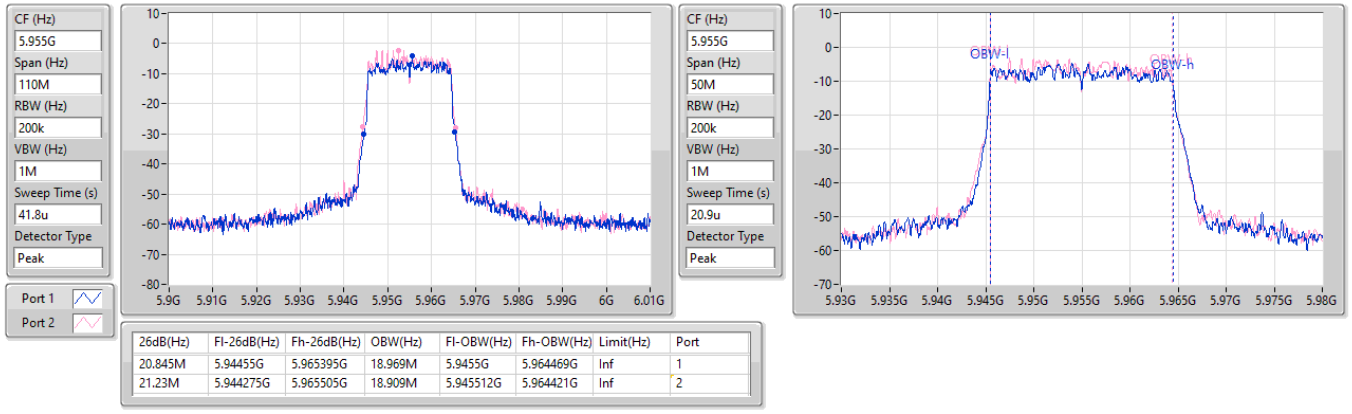
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	20.845M	18.969M	21.23M	18.909M
6195MHz	Pass	Inf	20.35M	19.041M	21.01M	18.96M
6415MHz	Pass	Inf	21.12M	18.958M	21.395M	18.985M
6435MHz	Pass	Inf	21.01M	19.025M	20.68M	18.917M
6475MHz	Pass	Inf	21.065M	18.986M	21.34M	19.018M
6515MHz	Pass	Inf	19.965M	18.965M	20.515M	18.931M
6535MHz	Pass	Inf	21.23M	18.846M	21.505M	19.031M
6695MHz	Pass	Inf	20.35M	19.009M	20.735M	19.031M
6875MHz Straddle 6.525-6.875GHz	Pass	Inf	20.02M	18.931M	20.24M	18.943M
6895MHz	Pass	Inf	21.285M	18.919M	21.395M	19.04M
6995MHz	Pass	Inf	19.47M	19.004M	19.525M	18.927M
7095MHz	Pass	Inf	20.515M	19.085M	20.24M	18.863M
7115MHz	Pass	Inf	19.525M	18.932M	19.69M	18.97M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	Inf	38.83M	37.402M	38.94M	37.731M
6205MHz	Pass	Inf	38.83M	36.94M	39.38M	37.079M
6405MHz	Pass	Inf	38.61M	37.271M	38.61M	37.58M
6445MHz	Pass	Inf	38.61M	37.176M	39.05M	37.343M
6485MHz	Pass	Inf	38.83M	37.398M	38.61M	37.321M
6525MHz Straddle 6.425-6.525GHz	Pass	Inf	38.72M	37.378M	38.61M	37.421M
6565MHz	Pass	Inf	38.83M	37.157M	38.72M	37.348M
6685MHz	Pass	Inf	38.72M	37.855M	39.05M	37.162M
6885MHz Straddle 6.525-6.875GHz	Pass	Inf	38.61M	37.455M	38.83M	37.546M
6925MHz	Pass	Inf	38.83M	37.206M	38.83M	36.256M
7005MHz	Pass	Inf	39.16M	37.472M	38.5M	37.654M
7085MHz	Pass	Inf	38.83M	37.421M	38.94M	37.433M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	Inf	81.62M	75.868M	79.86M	76.786M
6225MHz	Pass	Inf	79.86M	75.716M	79.64M	77.37M
6385MHz	Pass	Inf	80.3M	75.469M	79.64M	76.211M
6465MHz	Pass	Inf	79.42M	76.726M	79.64M	76.676M
6545MHz Straddle 6.425-6.525GHz	Pass	Inf	80.3M	76.714M	79.42M	75.954M
6625MHz	Pass	Inf	79.64M	76.072M	80.08M	75.772M
6705MHz	Pass	Inf	79.64M	76.761M	79.86M	75.616M
6785MHz	Pass	Inf	79.42M	77.387M	79.86M	76.775M
6865MHz Straddle 6.525-6.875GHz	Pass	Inf	79.86M	76.451M	79.64M	76.639M
6945MHz	Pass	Inf	80.3M	77.026M	80.08M	76.786M
7025MHz	Pass	Inf	79.64M	76.766M	79.86M	76.522M

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_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5955MHz

15/01/2024

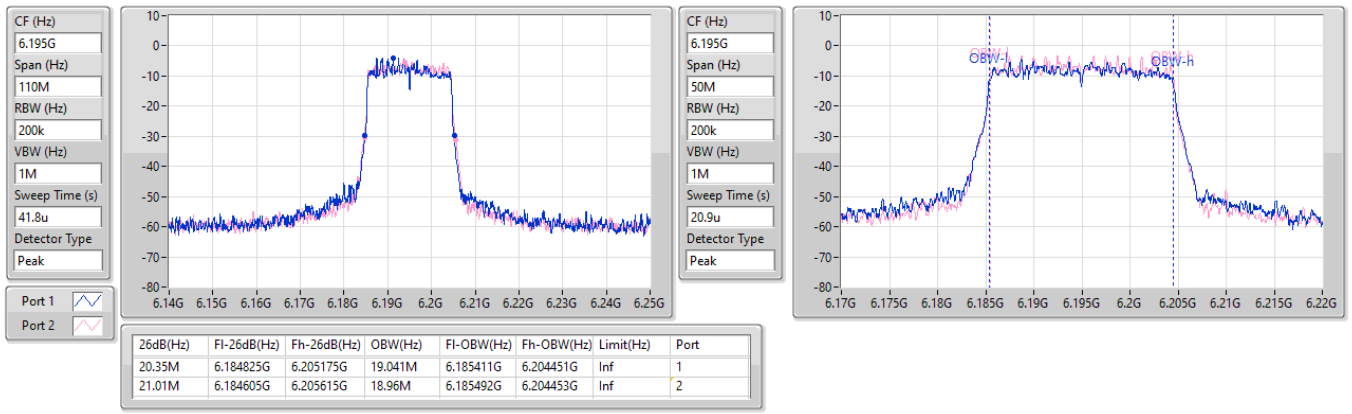


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.845M	5.94455G	5.965395G	18.969M	5.9455G	5.964469G	Inf	1
21.23M	5.944275G	5.965505G	18.909M	5.945512G	5.964421G	Inf	2

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

6195MHz

15/01/2024

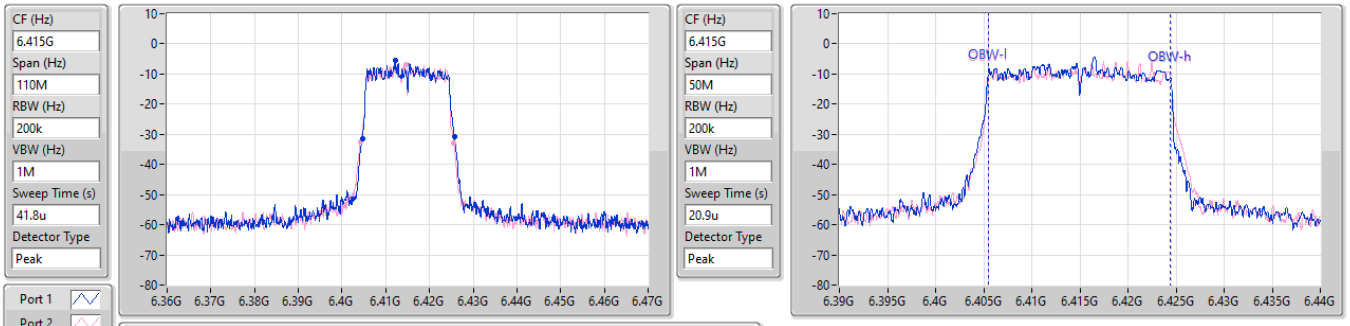


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.35M	6.184825G	6.205175G	19.041M	6.185411G	6.204451G	Inf	1
21.01M	6.184605G	6.205615G	18.96M	6.185492G	6.204453G	Inf	2

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

6415MHz

15/01/2024

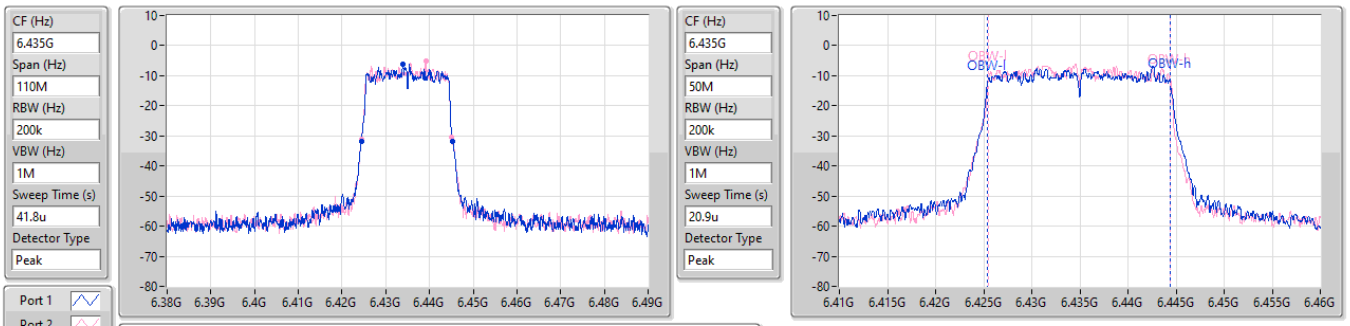


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.12M	6.404605G	6.425725G	18.958M	6.405452G	6.42441G	Inf	1
21.395M	6.404165G	6.42556G	18.985M	6.405481G	6.424466G	Inf	2

6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

6435MHz

15/01/2024

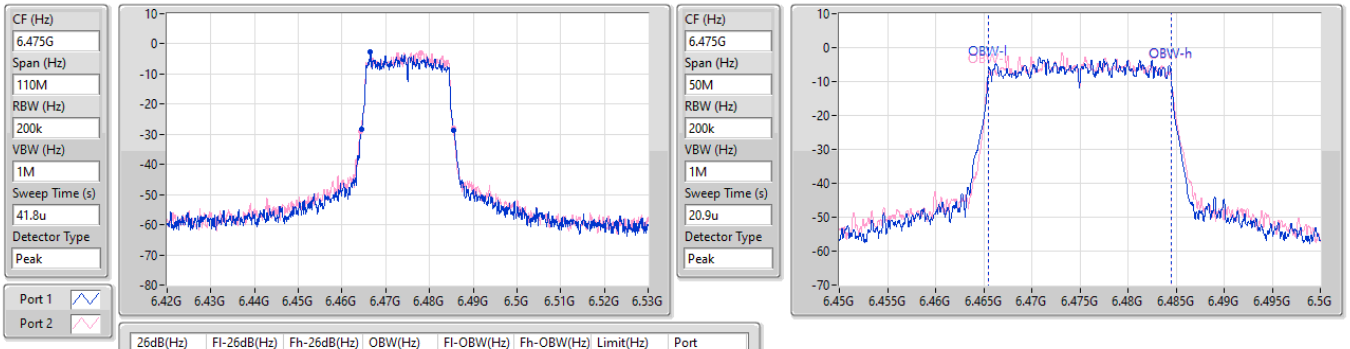


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.01M	6.424385G	6.445395G	19.025M	6.425407G	6.444432G	Inf	1
20.68M	6.42444G	6.44512G	18.917M	6.425501G	6.444418G	Inf	2

6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

6475MHz

15/01/2024

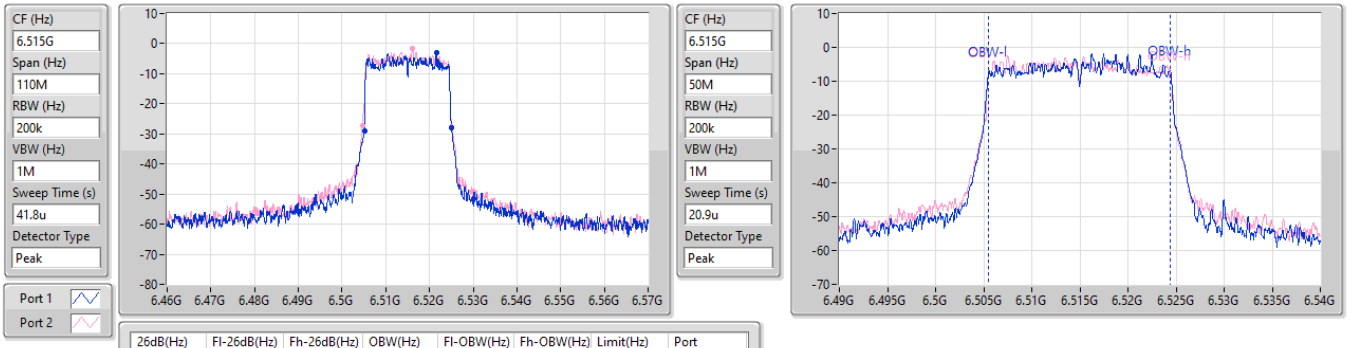


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.065M	6.464495G	6.48556G	18.986M	6.465479G	6.484465G	Inf	1
21.34M	6.464165G	6.485505G	19.018M	6.465458G	6.484476G	Inf	2

6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

6515MHz

15/01/2024

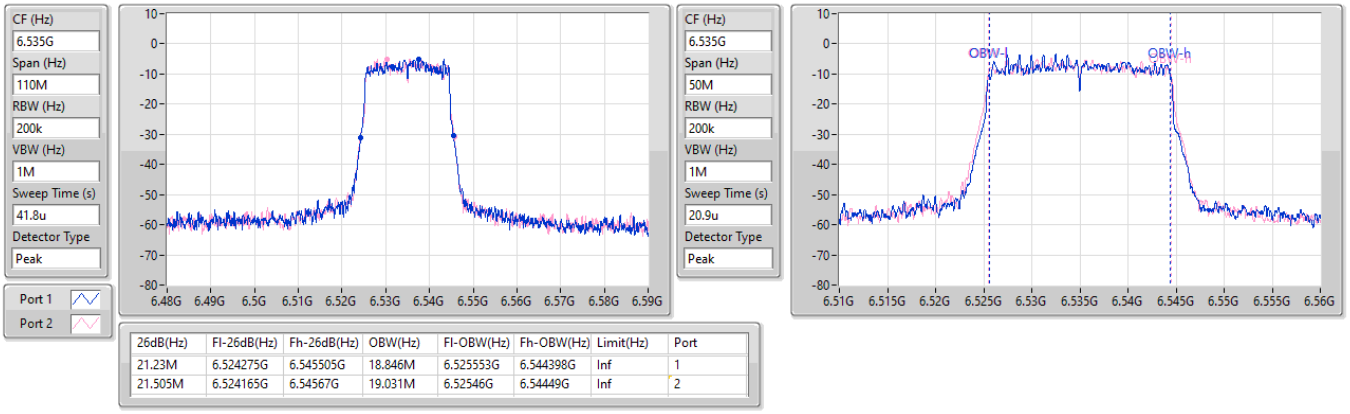


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.965M	6.5051G	6.525065G	18.965M	6.505484G	6.524449G	Inf	1
20.515M	6.504605G	6.52512G	18.931M	6.505505G	6.524436G	Inf	2

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

6535MHz

15/01/2024

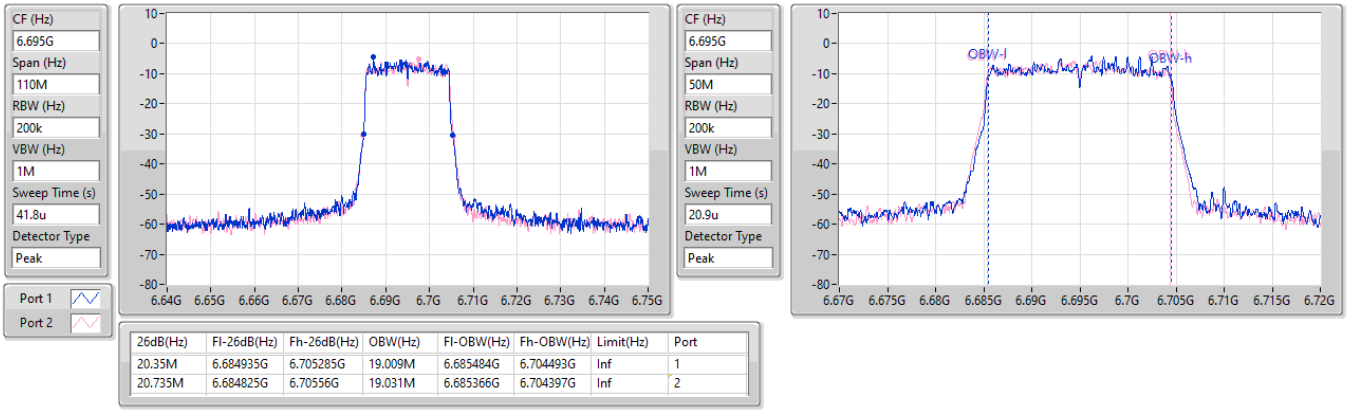


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.23M	6.524275G	6.545505G	18.846M	6.525553G	6.544398G	Inf	1
21.505M	6.524165G	6.54567G	19.031M	6.52546G	6.54449G	Inf	2

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

6695MHz

15/01/2024

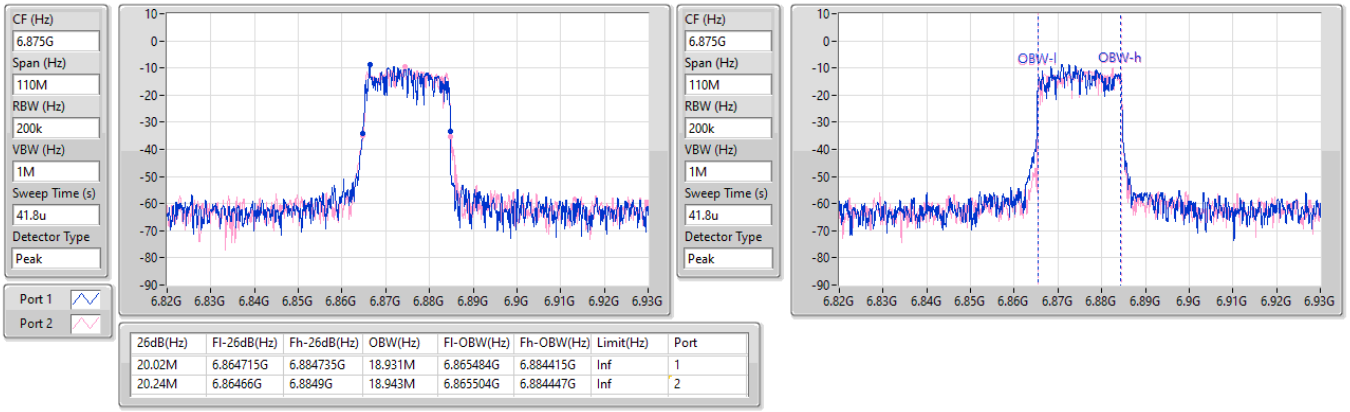


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.35M	6.684935G	6.705285G	19.009M	6.685484G	6.704493G	Inf	1
20.735M	6.684825G	6.70556G	19.031M	6.685366G	6.704397G	Inf	2

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

6875MHz Straddle 6.525-6.875GHz

15/01/2024

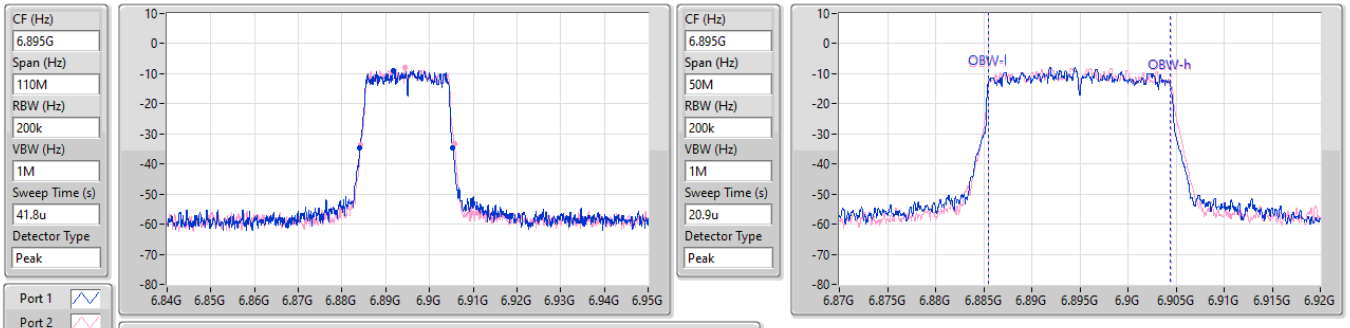


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.02M	6.864715G	6.884735G	18.931M	6.865484G	6.884415G	Inf	1
20.24M	6.86466G	6.8849G	18.943M	6.865504G	6.884447G	Inf	2

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

6895MHz

15/01/2024

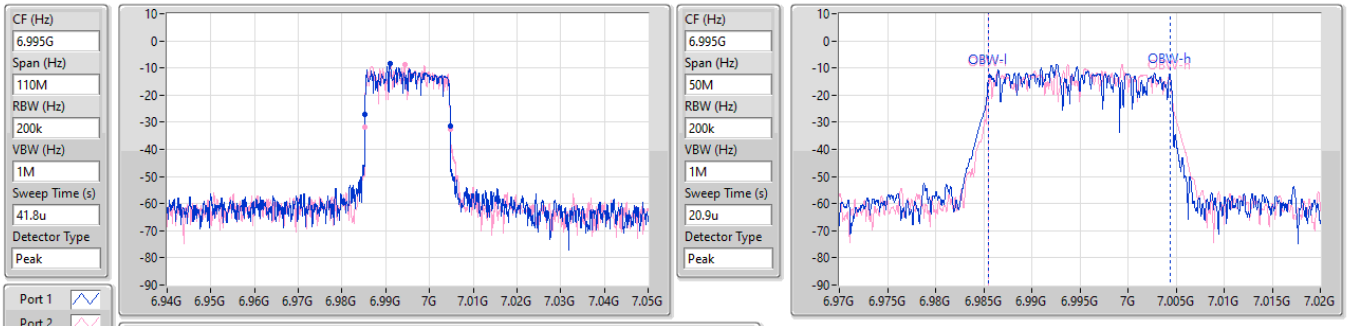


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.285M	6.884055G	6.90534G	18.919M	6.885496G	6.904415G	Inf	1
21.395M	6.884275G	6.90567G	19.04M	6.88551G	6.90455G	Inf	2

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

6995MHz

15/01/2024

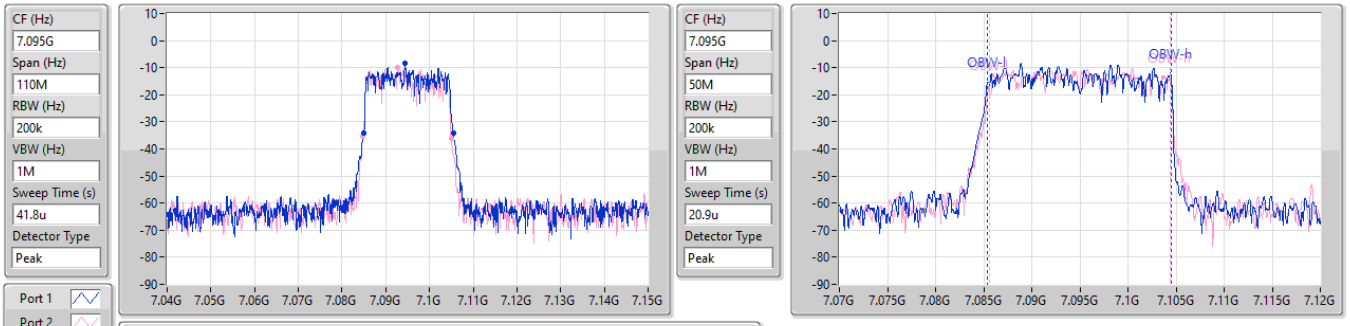


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.47M	6.985265G	7.004735G	19.004M	6.985445G	7.004449G	Inf	1
19.525M	6.98521G	7.004735G	18.927M	6.98551G	7.004437G	Inf	2

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

7095MHz

15/01/2024

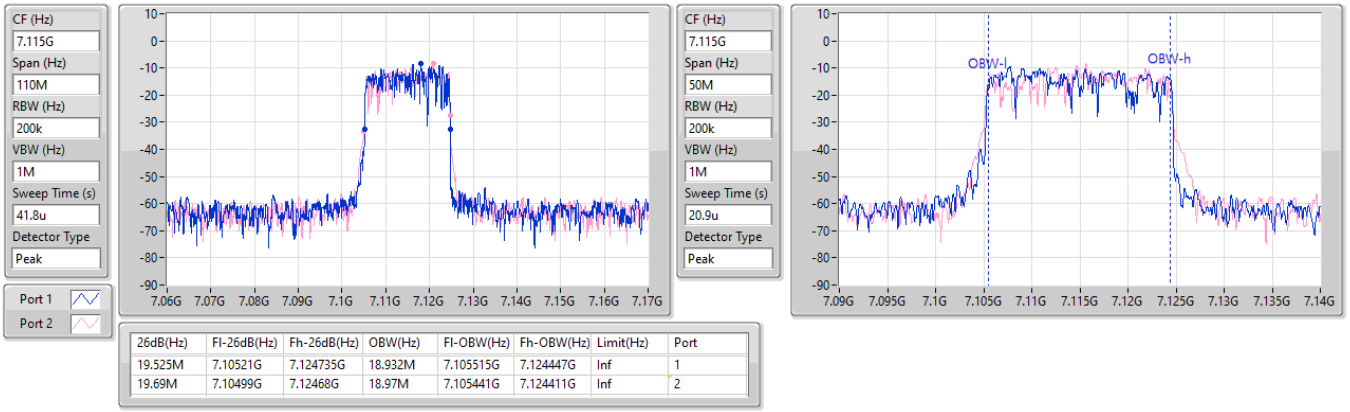


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.515M	7.084935G	7.10545G	19.085M	7.08539G	7.104475G	Inf	1
20.24M	7.084715G	7.104955G	18.863M	7.085565G	7.104428G	Inf	2

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

7115MHz

15/01/2024

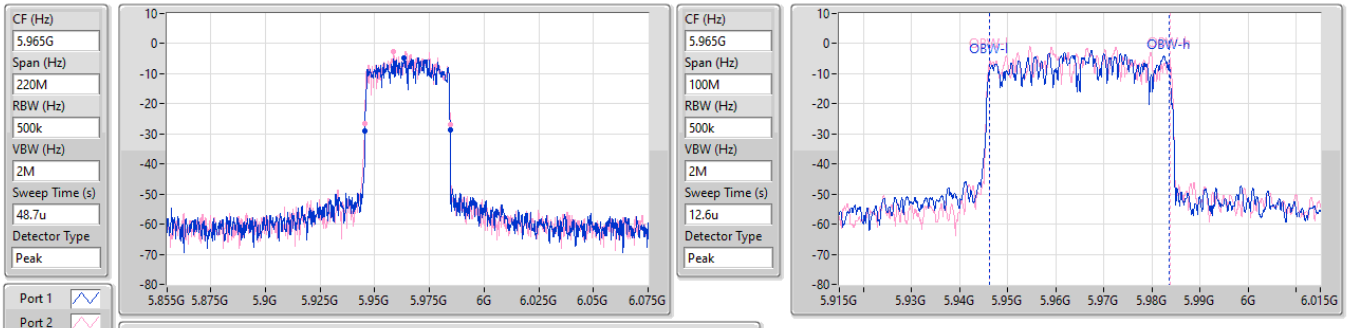


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.525M	7.10521G	7.124735G	18.932M	7.105515G	7.124447G	Inf	1
19.69M	7.10499G	7.12468G	18.97M	7.105441G	7.124411G	Inf	2

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5965MHz

15/01/2024

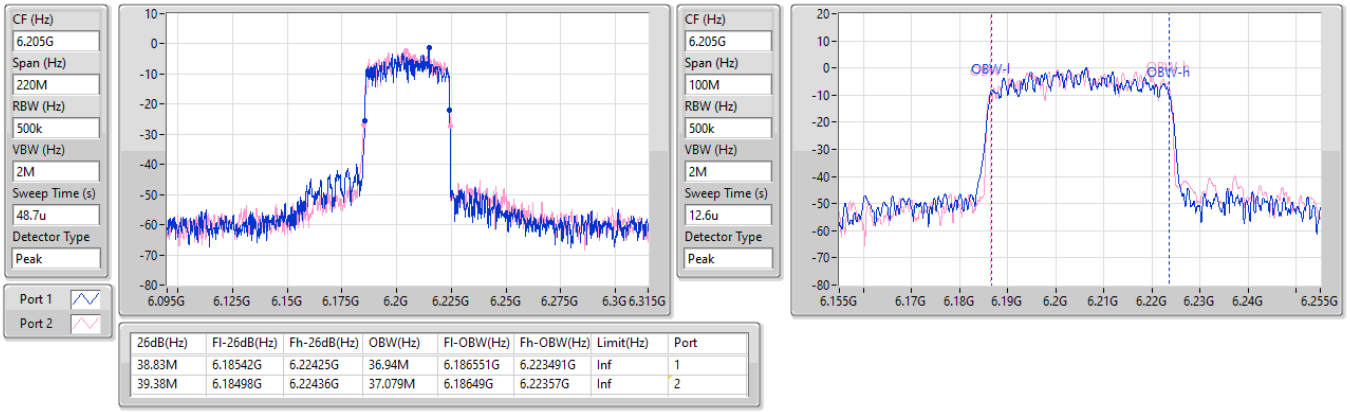


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.83M	5.94553G	5.98436G	37.402M	5.946199G	5.983601G	Inf	1
38.94M	5.94542G	5.98436G	37.731M	5.946111G	5.983843G	Inf	2

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

6205MHz

15/01/2024

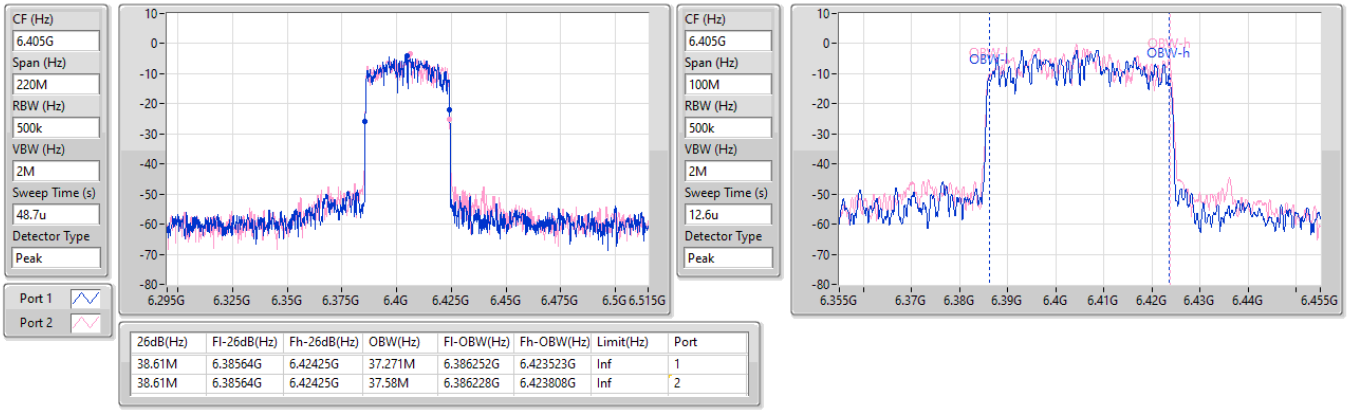


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.83M	6.18542G	6.22425G	36.94M	6.186551G	6.223491G	Inf	1
39.38M	6.18498G	6.22436G	37.079M	6.18649G	6.22357G	Inf	2

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

6405MHz

15/01/2024

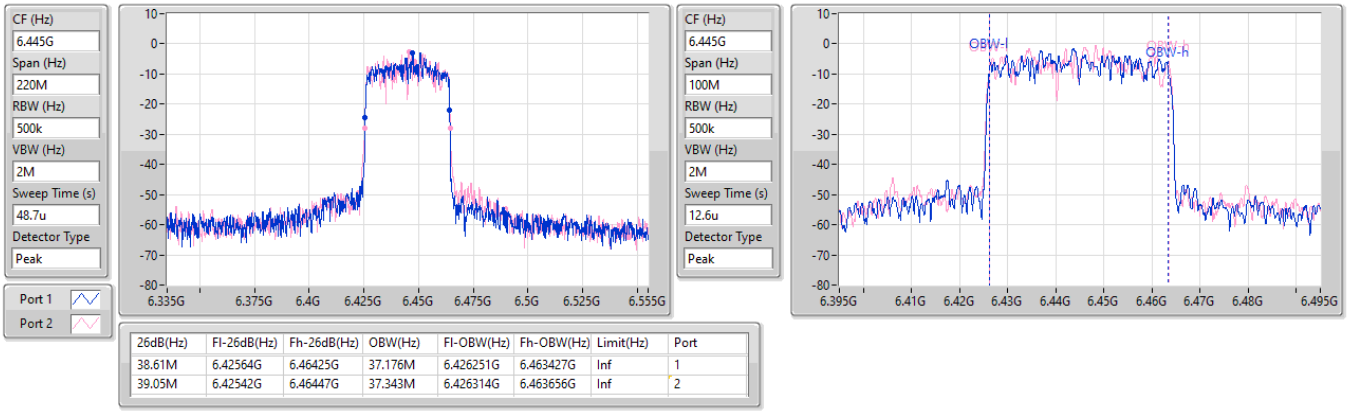


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.61M	6.38564G	6.42425G	37.271M	6.386252G	6.423523G	Inf	1
38.61M	6.38564G	6.42425G	37.58M	6.386228G	6.423808G	Inf	2

6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

6445MHz

15/01/2024

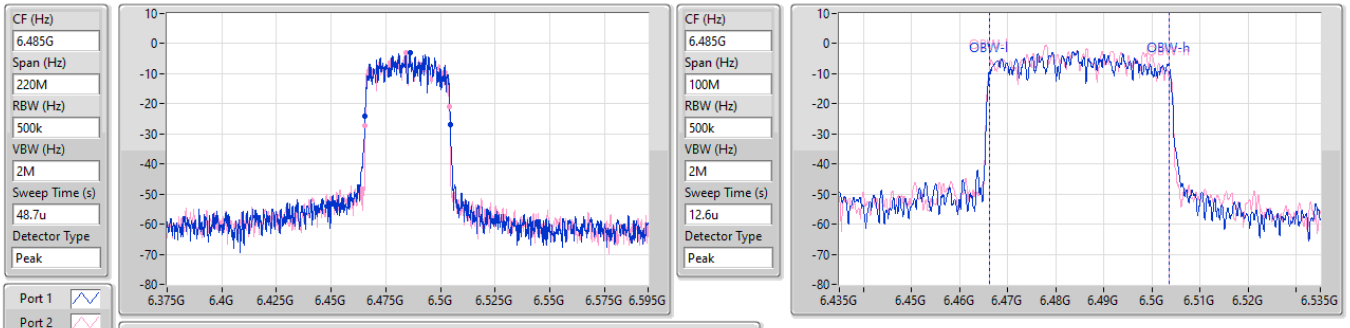


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.61M	6.42564G	6.46425G	37.176M	6.426251G	6.463427G	Inf	1
39.05M	6.42542G	6.46447G	37.343M	6.426314G	6.463656G	Inf	2

6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

6485MHz

15/01/2024

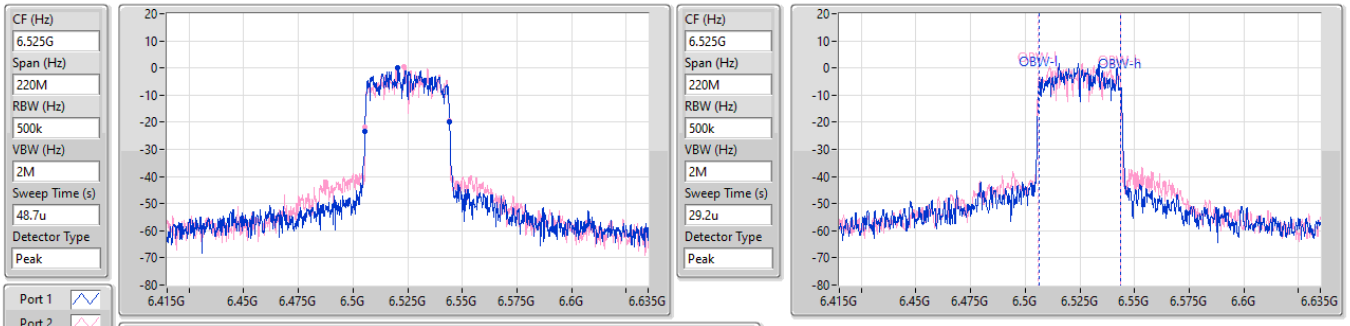


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.83M	6.46564G	6.50447G	37.398M	6.466252G	6.50365G	Inf	1
38.61M	6.46564G	6.50425G	37.321M	6.466308G	6.503629G	Inf	2

6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

6525MHz Straddle 6.425-6.525GHz

15/01/2024

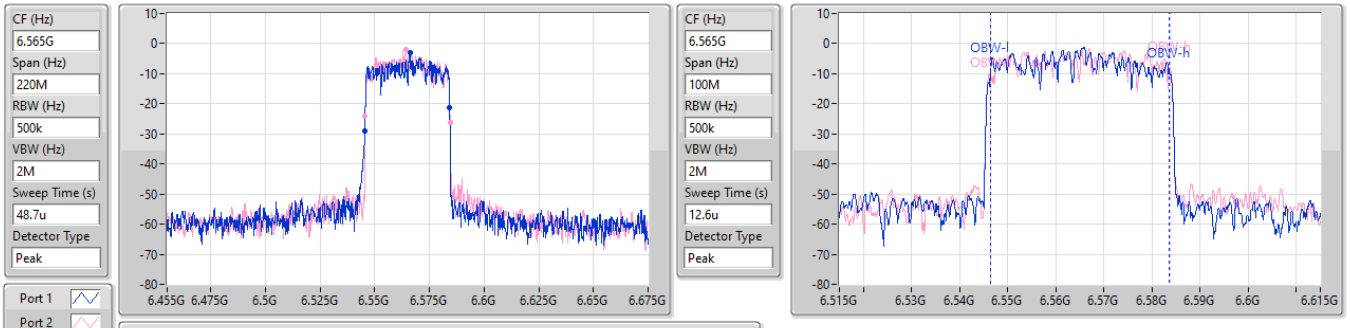


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.72M	6.50553G	6.54425G	37.378M	6.506321G	6.543698G	Inf	1
38.61M	6.50564G	6.54425G	37.421M	6.50608G	6.5435G	Inf	2

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

6565MHz

15/01/2024

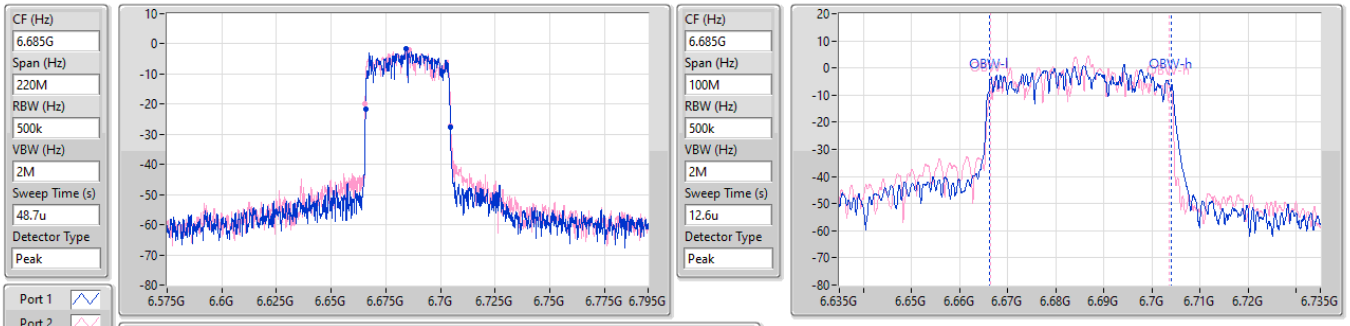


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.83M	6.54542G	6.58425G	37.157M	6.5465G	6.583656G	Inf	1
38.72M	6.54564G	6.58436G	37.348M	6.546403G	6.583751G	Inf	2

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

6685MHz

15/01/2024

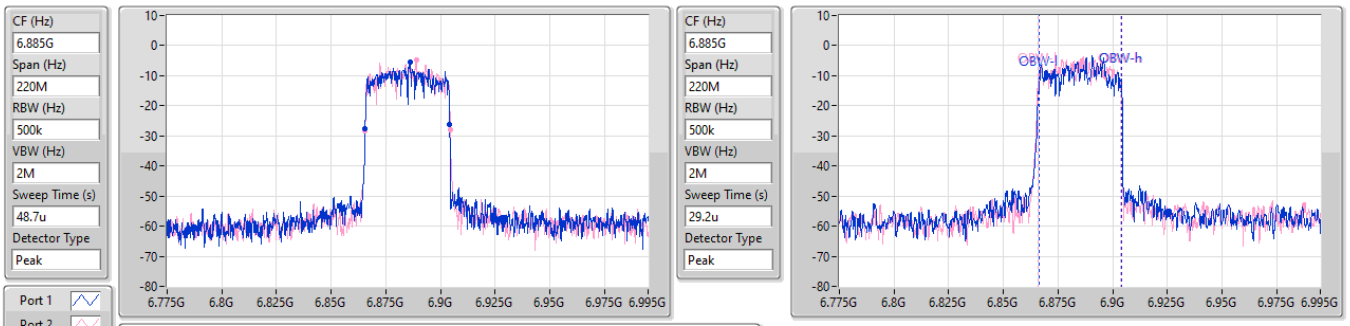


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.72M	6.66575G	6.70447G	37.855M	6.666228G	6.704084G	Inf	1
39.05M	6.66564G	6.70469G	37.162M	6.666516G	6.703679G	Inf	2

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

6885MHz Straddle 6.525-6.875GHz

15/01/2024

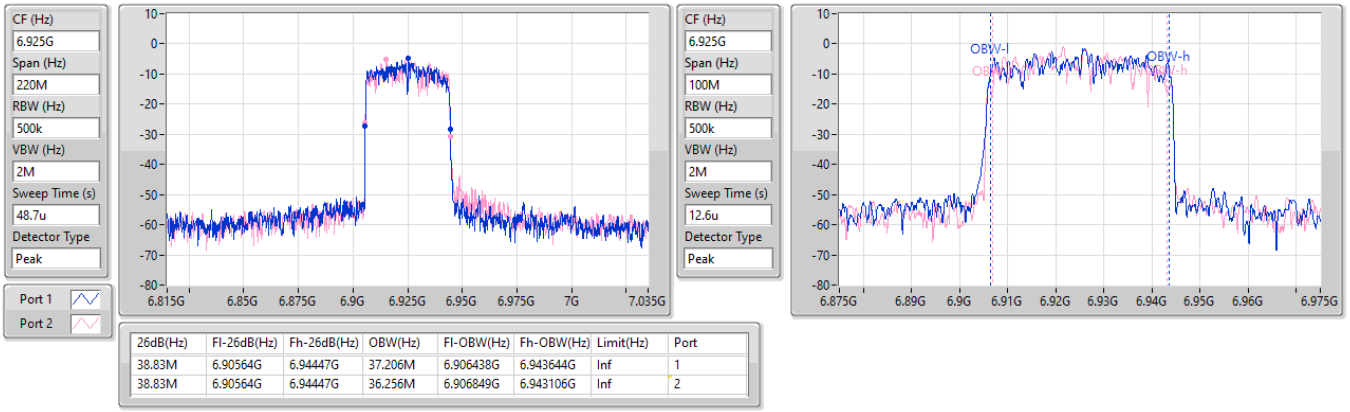


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.61M	6.86564G	6.90425G	37.455M	6.866441G	6.903896G	Inf	1
38.83M	6.86564G	6.90447G	37.546M	6.866107G	6.903652G	Inf	2

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

6925MHz

15/01/2024

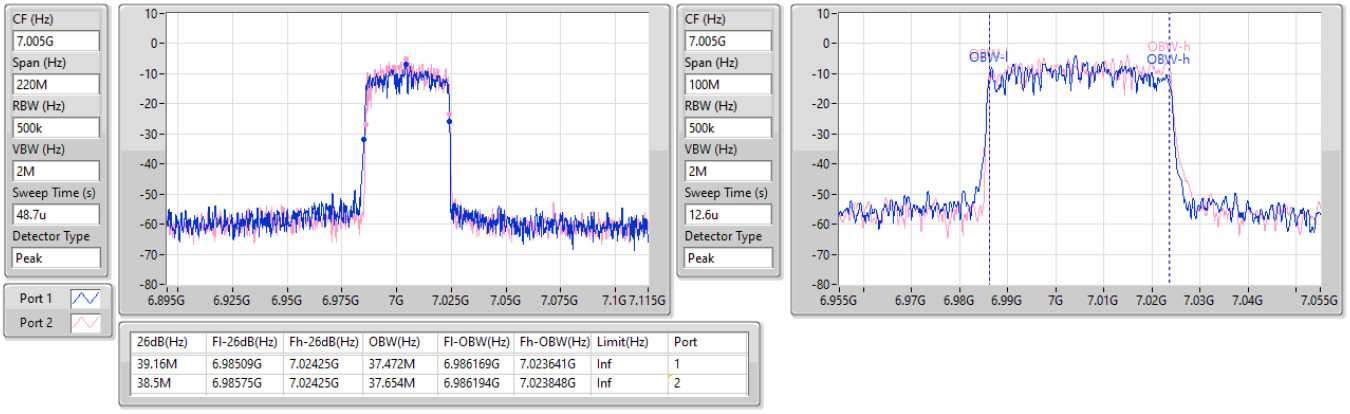


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.83M	6.90564G	6.94447G	37.206M	6.906438G	6.943644G	Inf	1
38.83M	6.90564G	6.94447G	36.256M	6.906849G	6.943106G	Inf	2

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

7005MHz

15/01/2024

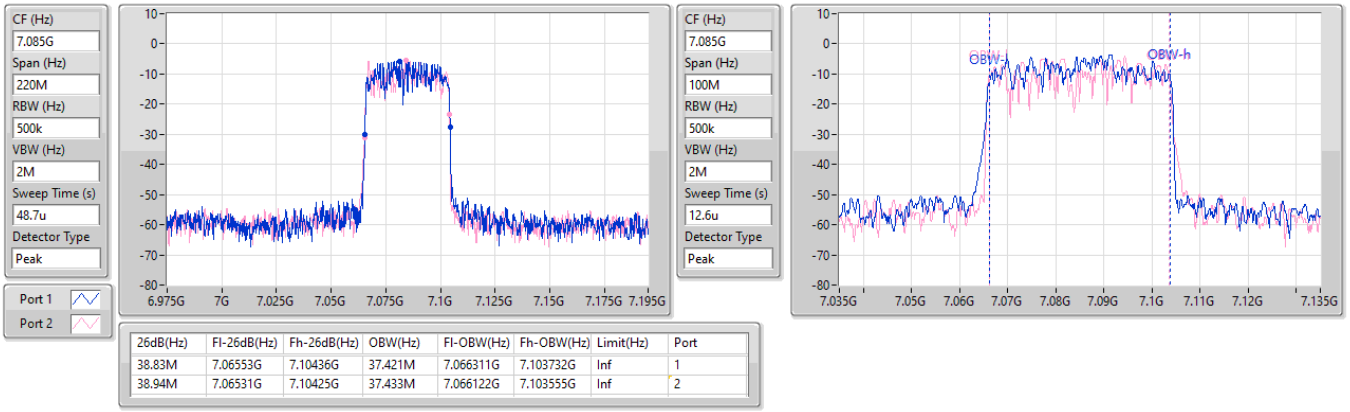


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.16M	6.98509G	7.02425G	37.472M	6.986169G	7.023641G	Inf	1
38.5M	6.98575G	7.02425G	37.654M	6.986194G	7.023848G	Inf	2

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

7085MHz

15/01/2024

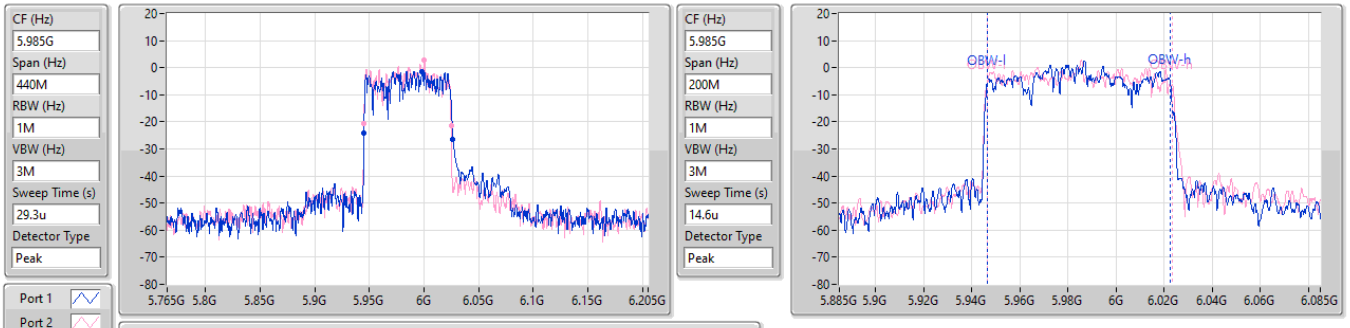


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.83M	7.06553G	7.10436G	37.421M	7.066311G	7.103732G	Inf	1
38.94M	7.06531G	7.10425G	37.433M	7.066122G	7.103555G	Inf	2

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

5985MHz

15/01/2024

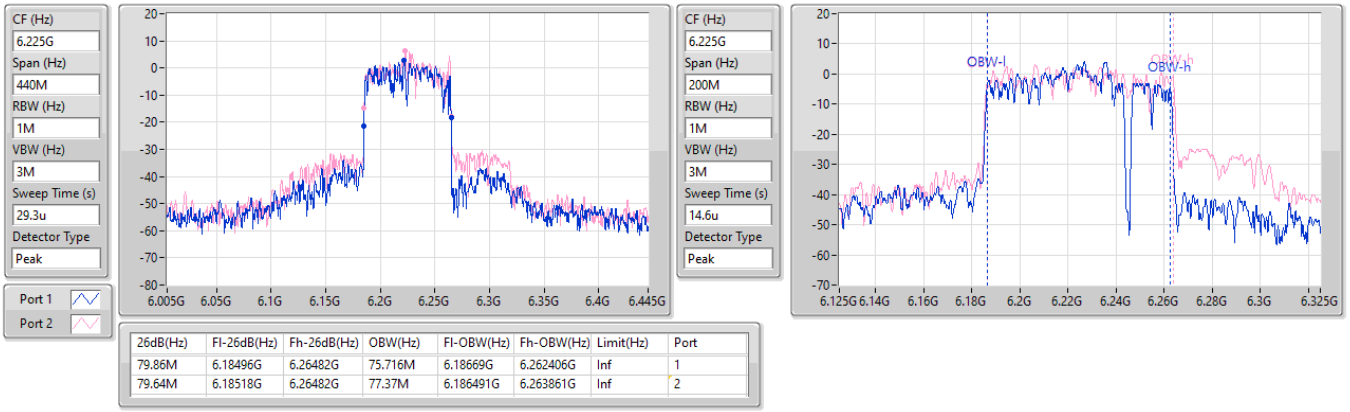


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.62M	5.94496G	6.02658G	75.868M	5.94663G	6.022498G	Inf	1
79.86M	5.94496G	6.02482G	76.786M	5.946499G	6.023285G	Inf	2

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

6225MHz

15/01/2024

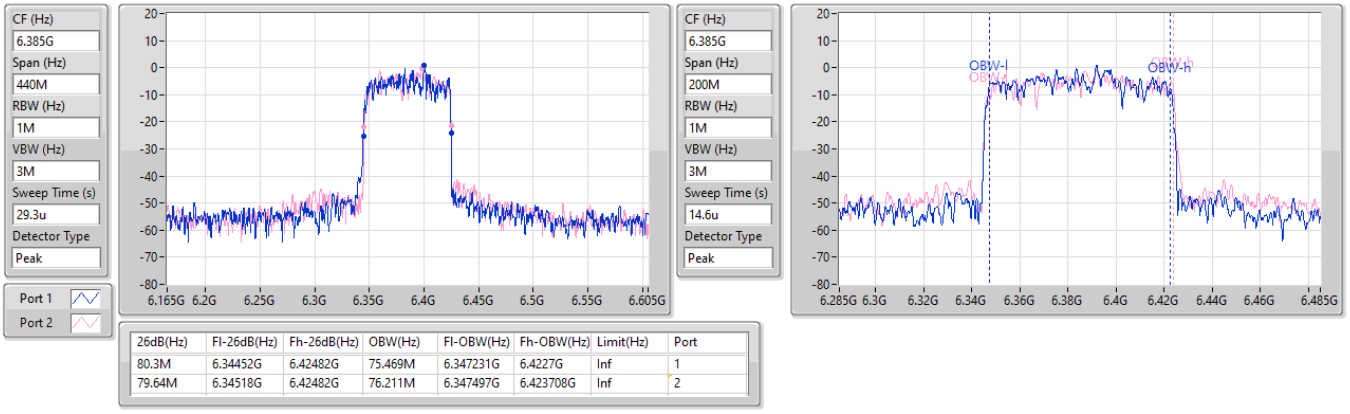


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
79.86M	6.18496G	6.26482G	75.716M	6.18669G	6.262406G	Inf	1
79.64M	6.18518G	6.26482G	77.37M	6.186491G	6.263861G	Inf	2

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

6385MHz

15/01/2024

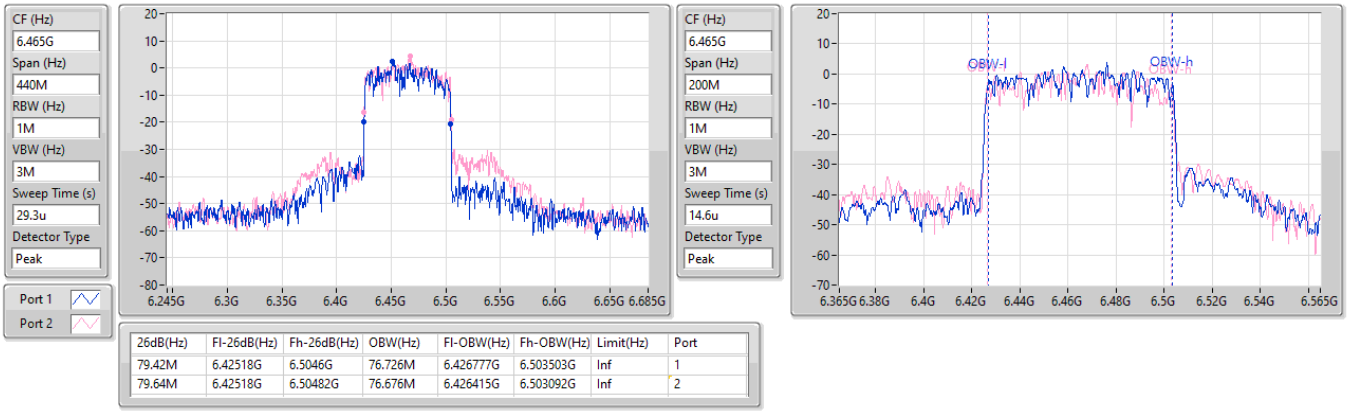


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.3M	6.34452G	6.42482G	75.469M	6.347231G	6.4227G	Inf	1
79.64M	6.34518G	6.42482G	76.211M	6.347497G	6.423708G	Inf	2

6.425-6.525GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

6465MHz

15/01/2024

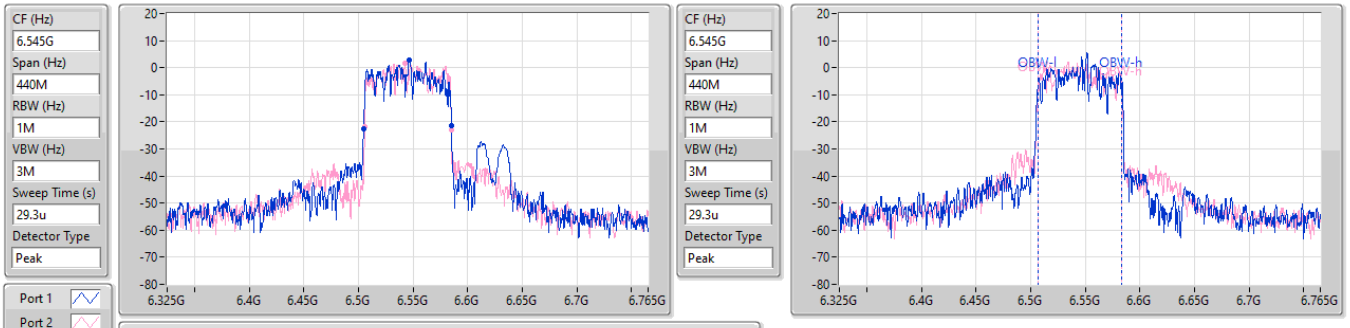


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
79.42M	6.42518G	6.5046G	76.726M	6.426777G	6.503503G	Inf	1
79.64M	6.42518G	6.50482G	76.676M	6.426415G	6.503092G	Inf	2

6.425-6.525GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

6545MHz Straddle 6.425-6.525GHz

15/01/2024

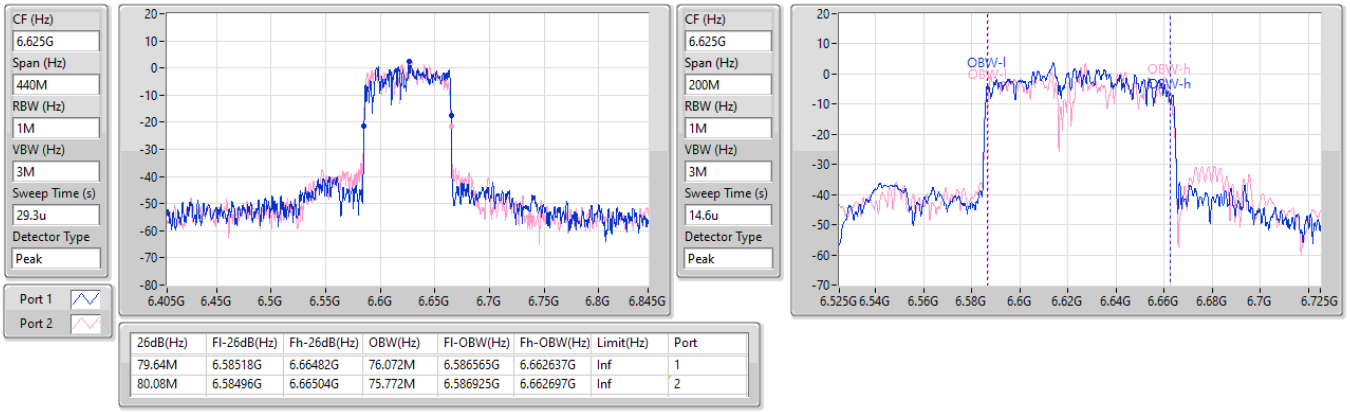


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.3M	6.50474G	6.58504G	76.714M	6.506831G	6.583545G	Inf	1
79.42M	6.50562G	6.58504G	75.954M	6.507006G	6.582961G	Inf	2

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

6625MHz

15/01/2024

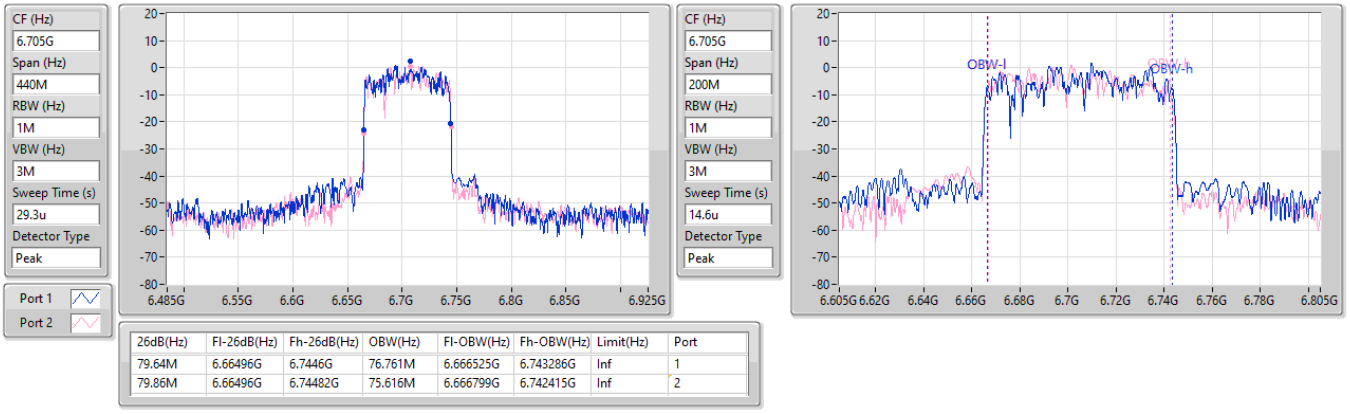


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
79.64M	6.58518G	6.66482G	76.072M	6.586565G	6.662637G	Inf	1
80.08M	6.58496G	6.66504G	75.772M	6.586925G	6.662697G	Inf	2

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

6705MHz

15/01/2024

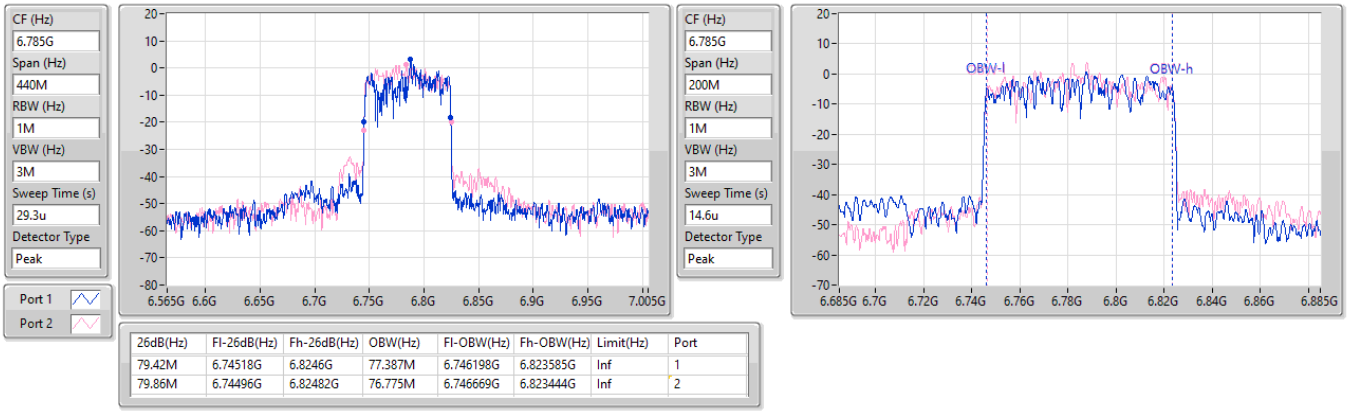


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
79.64M	6.66496G	6.7446G	76.761M	6.666525G	6.743286G	Inf	1
79.86M	6.66496G	6.74482G	75.616M	6.666799G	6.742415G	Inf	2

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

6785MHz

15/01/2024

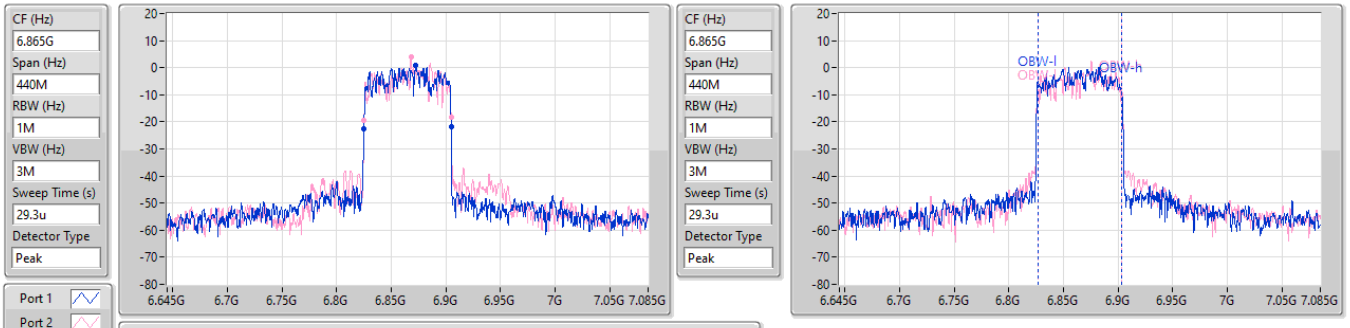


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
79.42M	6.74518G	6.8246G	77.387M	6.746198G	6.823585G	Inf	1
79.86M	6.74496G	6.82482G	76.775M	6.746669G	6.823444G	Inf	2

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

6865MHz Straddle 6.525-6.875GHz

15/01/2024

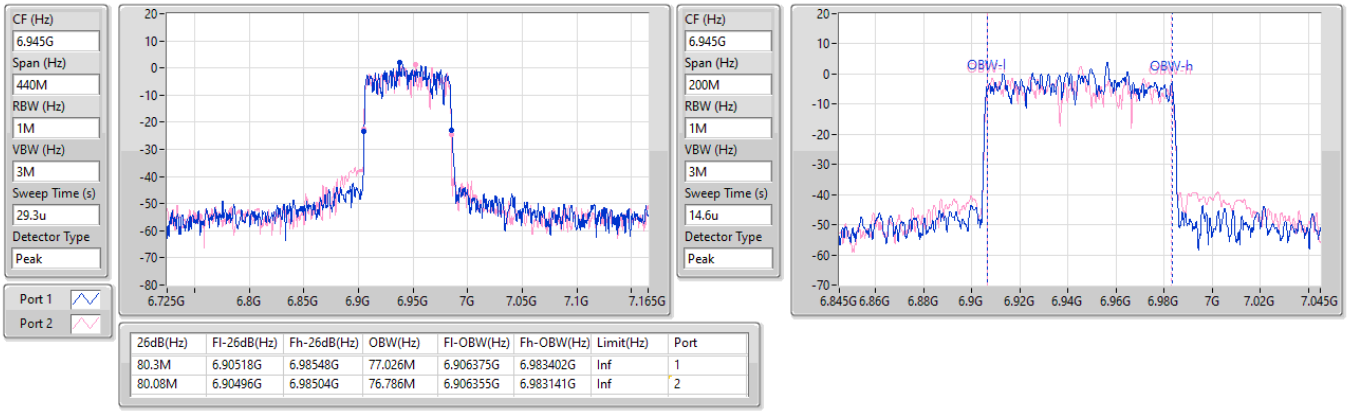


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
79.86M	6.82496G	6.90482G	76.451M	6.826369G	6.90282G	Inf	1
79.64M	6.82518G	6.90482G	76.639M	6.826557G	6.903196G	Inf	2

6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

6945MHz

15/01/2024

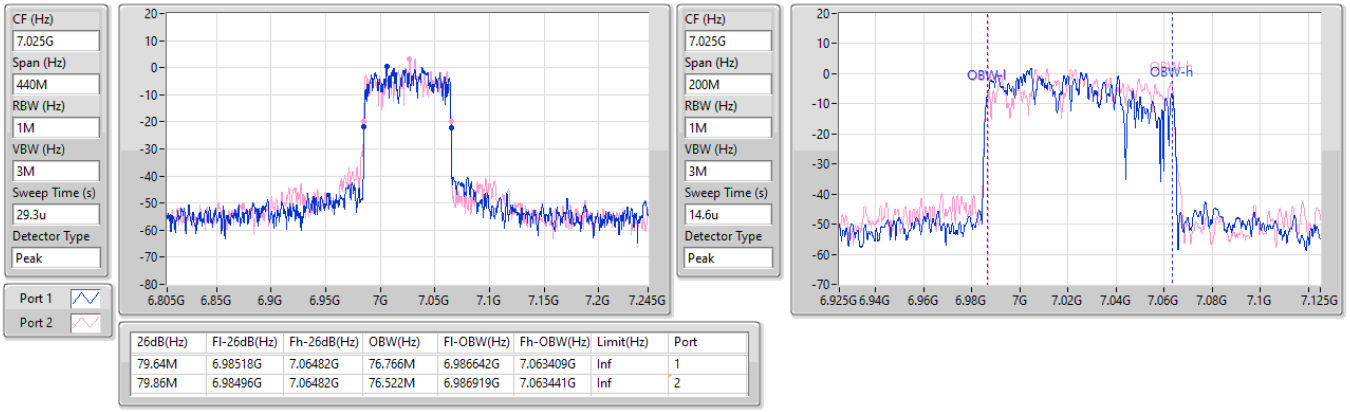


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.3M	6.90518G	6.98548G	77.026M	6.906375G	6.983402G	Inf	1
80.08M	6.90496G	6.98504G	76.786M	6.906355G	6.983141G	Inf	2

6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

7025MHz

15/01/2024



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
79.64M	6.98518G	7.06482G	76.766M	6.986642G	7.063409G	Inf	1
79.86M	6.98496G	7.06482G	76.522M	6.986919G	7.063441G	Inf	2

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.065M	19.028M	19M0D1D	20.57M	18.918M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	39.27M	37.629M	37M6D1D	38.61M	36.749M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	80.74M	77.171M	77M2D1D	79.2M	75.216M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.12M	19.103M	19M1D1D	20.295M	18.938M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	38.72M	37.615M	37M6D1D	38.61M	36.907M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	80.08M	77.433M	77M4D1D	79.86M	76.01M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.735M	19.089M	19M1D1D	19.47M	18.91M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	39.38M	37.567M	37M6D1D	38.61M	36.075M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	80.52M	77.422M	77M4D1D	79.42M	75.825M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.405M	18.988M	19M0D1D	19.47M	18.817M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	39.05M	37.437M	37M4D1D	38.61M	37.208M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	80.52M	77.476M	77M5D1D	79.86M	75.853M

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

Result

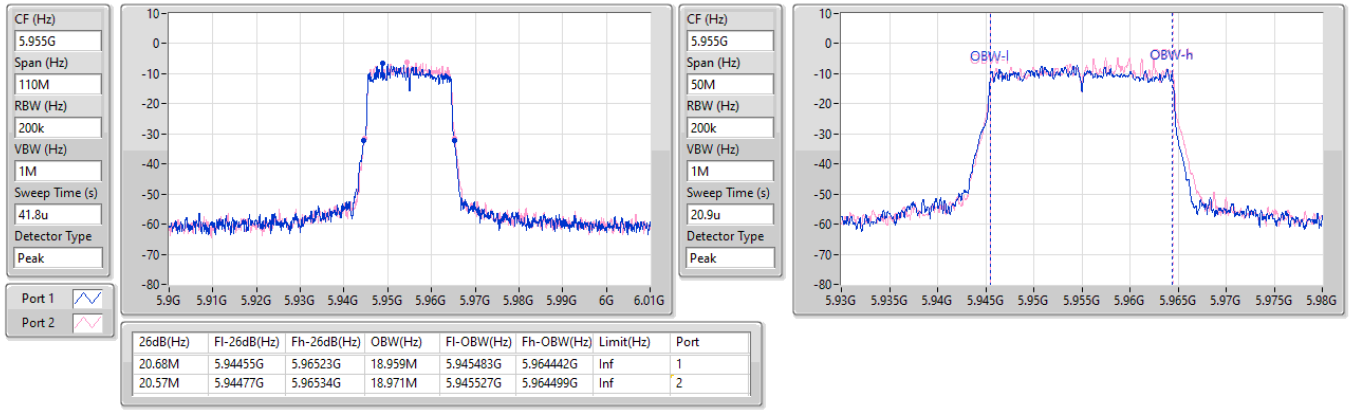
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	20.68M	18.959M	20.57M	18.971M
6195MHz	Pass	Inf	21.065M	19.028M	21.01M	18.918M
6415MHz	Pass	Inf	20.955M	18.941M	21.01M	19.002M
6435MHz	Pass	Inf	20.845M	18.976M	20.955M	19.103M
6475MHz	Pass	Inf	21.01M	18.938M	20.68M	19.099M
6515MHz	Pass	Inf	20.295M	19.021M	21.12M	19.019M
6535MHz	Pass	Inf	20.68M	18.986M	20.735M	18.955M
6695MHz	Pass	Inf	20.515M	18.933M	20.57M	19.089M
6875MHz Straddle 6.525-6.875GHz	Pass	Inf	20.02M	19.032M	19.47M	18.91M
6895MHz	Pass	Inf	19.525M	18.986M	20.295M	18.978M
6995MHz	Pass	Inf	19.47M	18.817M	20.295M	18.888M
7095MHz	Pass	Inf	20.405M	18.988M	20.075M	18.905M
7115MHz	Pass	Inf	20.13M	18.921M	19.525M	18.982M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	Inf	38.61M	36.749M	38.61M	37.629M
6205MHz	Pass	Inf	39.27M	37.361M	38.72M	37.334M
6405MHz	Pass	Inf	38.72M	36.995M	38.94M	37.172M
6445MHz	Pass	Inf	38.61M	36.907M	38.61M	37.455M
6485MHz	Pass	Inf	38.61M	37.291M	38.72M	37.615M
6525MHz Straddle 6.425-6.525GHz	Pass	Inf	38.61M	37.006M	38.72M	36.916M
6565MHz	Pass	Inf	39.27M	37.115M	38.83M	36.636M
6685MHz	Pass	Inf	38.72M	37.26M	38.72M	36.075M
6885MHz Straddle 6.525-6.875GHz	Pass	Inf	38.61M	37.1M	39.38M	37.567M
6925MHz	Pass	Inf	38.72M	37.208M	38.61M	37.266M
7005MHz	Pass	Inf	39.05M	37.385M	38.61M	37.34M
7085MHz	Pass	Inf	38.83M	37.437M	38.83M	37.29M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	Inf	79.2M	75.714M	80.74M	76.601M
6225MHz	Pass	Inf	79.64M	75.216M	80.08M	76.484M
6385MHz	Pass	Inf	79.86M	76.954M	80.3M	77.171M
6465MHz	Pass	Inf	80.08M	76.01M	79.86M	77.205M
6545MHz Straddle 6.425-6.525GHz	Pass	Inf	79.86M	77.433M	80.08M	76.671M
6625MHz	Pass	Inf	79.86M	77.422M	80.08M	77.058M
6705MHz	Pass	Inf	79.64M	76.361M	79.64M	76.983M
6785MHz	Pass	Inf	79.86M	76.721M	79.42M	75.856M
6865MHz Straddle 6.525-6.875GHz	Pass	Inf	79.64M	75.825M	80.52M	76.602M
6945MHz	Pass	Inf	80.52M	76.731M	80.08M	77.476M
7025MHz	Pass	Inf	79.86M	75.853M	79.86M	75.908M

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_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5955MHz

15/01/2024

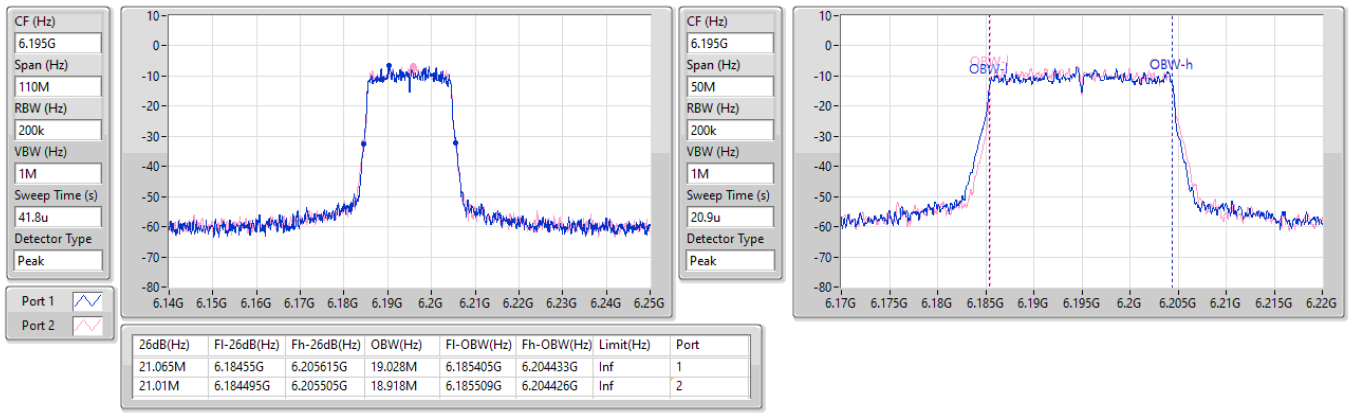


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.68M	5.94455G	5.96523G	18.959M	5.945483G	5.964442G	Inf	1
20.57M	5.94477G	5.96534G	18.971M	5.945527G	5.964499G	Inf	2

5.925-6.425GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

6195MHz

15/01/2024

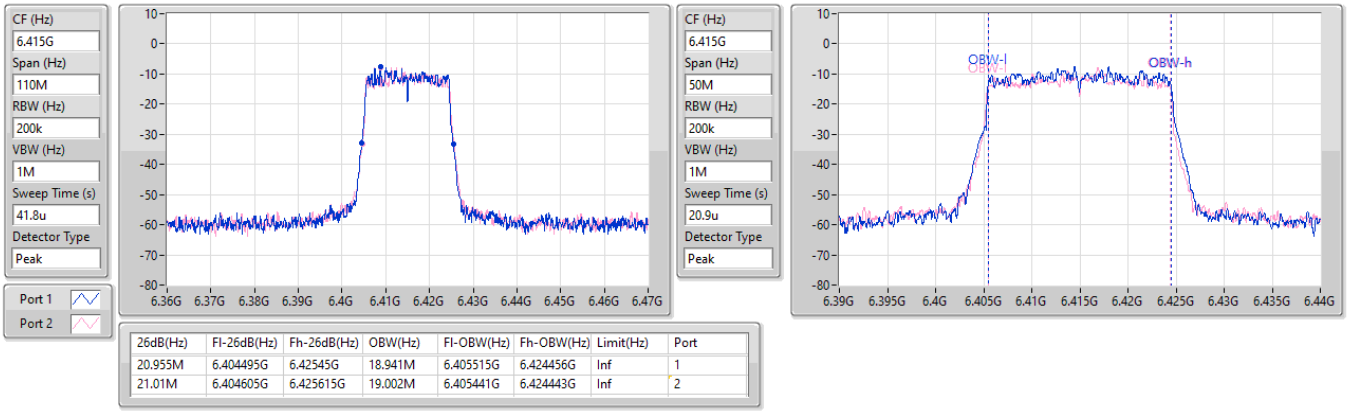


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.065M	6.18455G	6.205615G	19.028M	6.185405G	6.204433G	Inf	1
21.01M	6.184495G	6.205505G	18.918M	6.185509G	6.204426G	Inf	2

5.925-6.425GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

6415MHz

15/01/2024

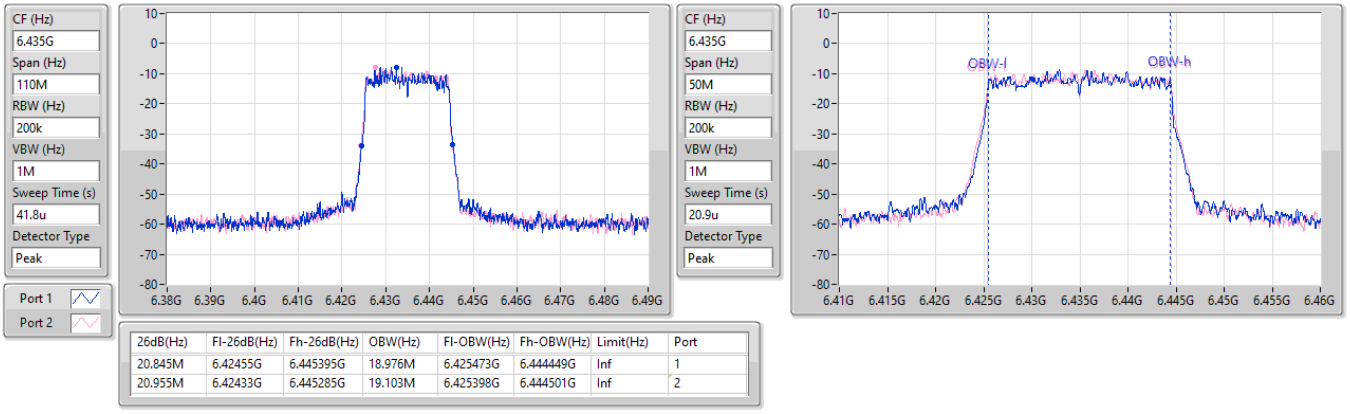


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.955M	6.404495G	6.42545G	18.941M	6.405515G	6.424456G	Inf	1
21.01M	6.404605G	6.425615G	19.002M	6.405441G	6.424443G	Inf	2

6.425-6.525GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

6435MHz

15/01/2024

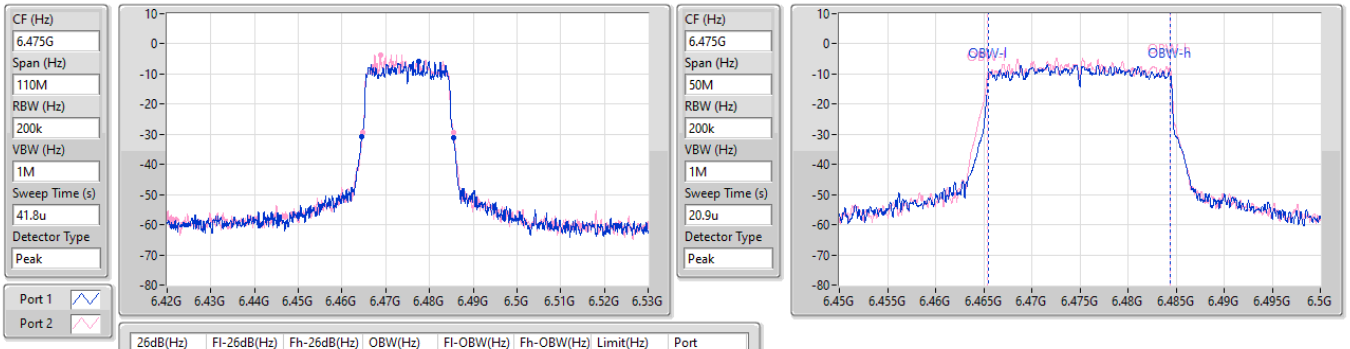


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.845M	6.42455G	6.445395G	18.976M	6.425473G	6.444449G	Inf	1
20.955M	6.42433G	6.445285G	19.103M	6.425398G	6.444501G	Inf	2

6.425-6.525GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

6475MHz

15/01/2024

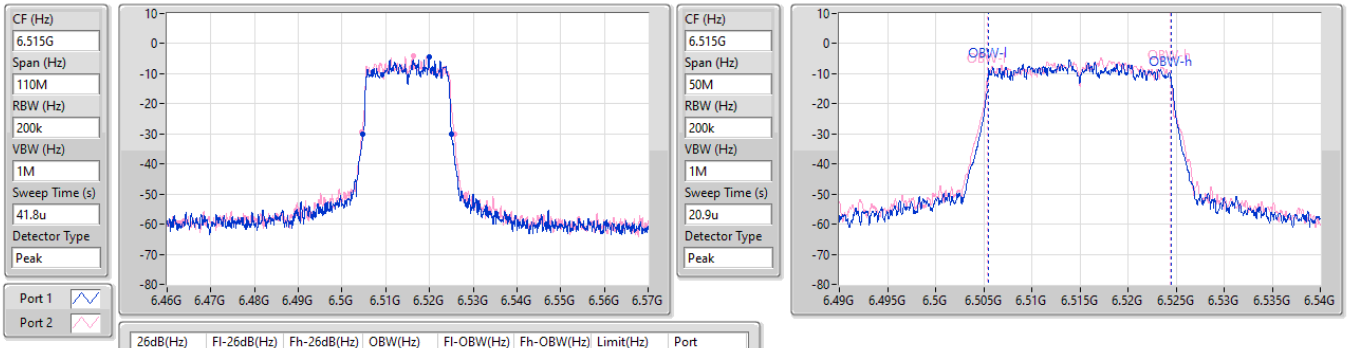


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.01M	6.46444G	6.48545G	18.938M	6.465494G	6.484431G	Inf	1
20.68M	6.46477G	6.48545G	19.099M	6.465347G	6.484446G	Inf	2

6.425-6.525GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

6515MHz

15/01/2024

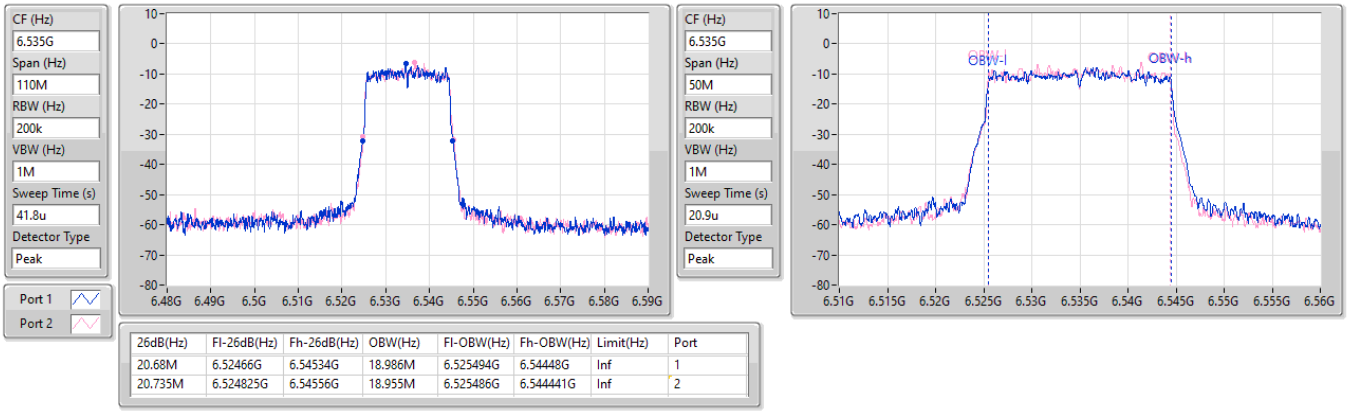


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.295M	6.50477G	6.525065G	19.021M	6.505474G	6.524495G	Inf	1
21.12M	6.50455G	6.52567G	19.019M	6.5054G	6.524419G	Inf	2

6.525-6.875GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

6535MHz

15/01/2024

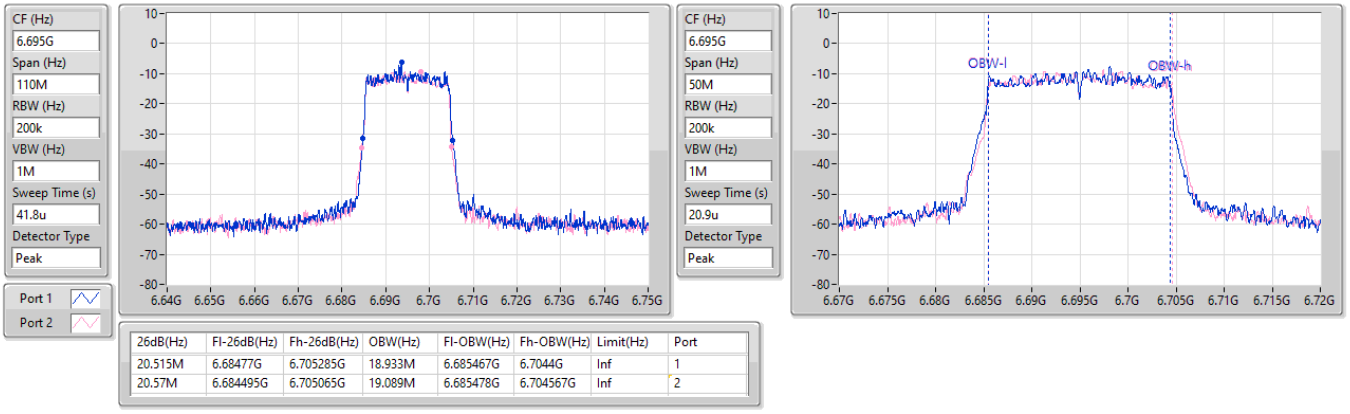


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.68M	6.52466G	6.54534G	18.986M	6.525494G	6.54448G	Inf	1
20.735M	6.524825G	6.54556G	18.955M	6.525486G	6.544441G	Inf	2

6.525-6.875GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

6695MHz

15/01/2024

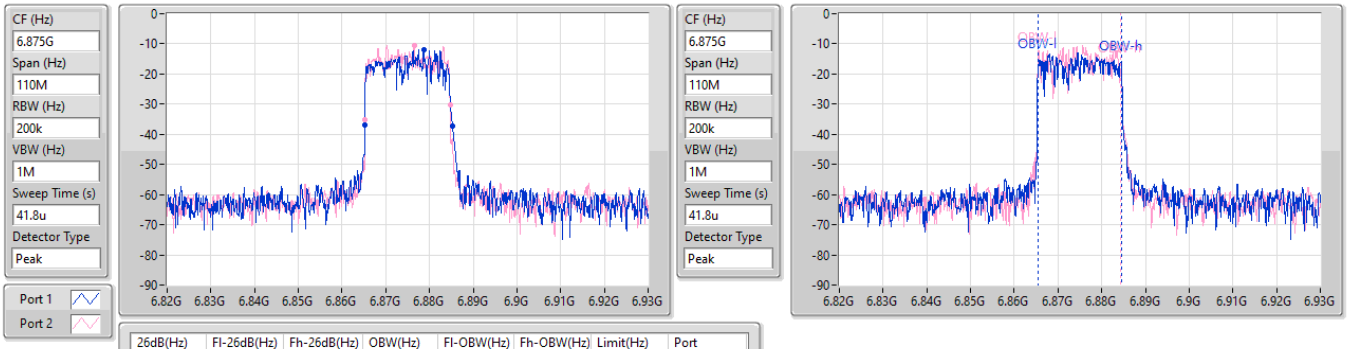


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.515M	6.68477G	6.705285G	18.933M	6.685467G	6.7044G	Inf	1
20.57M	6.684495G	6.705065G	19.089M	6.685478G	6.704567G	Inf	2

6.525-6.875GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

6875MHz Straddle 6.525-6.875GHz

15/01/2024

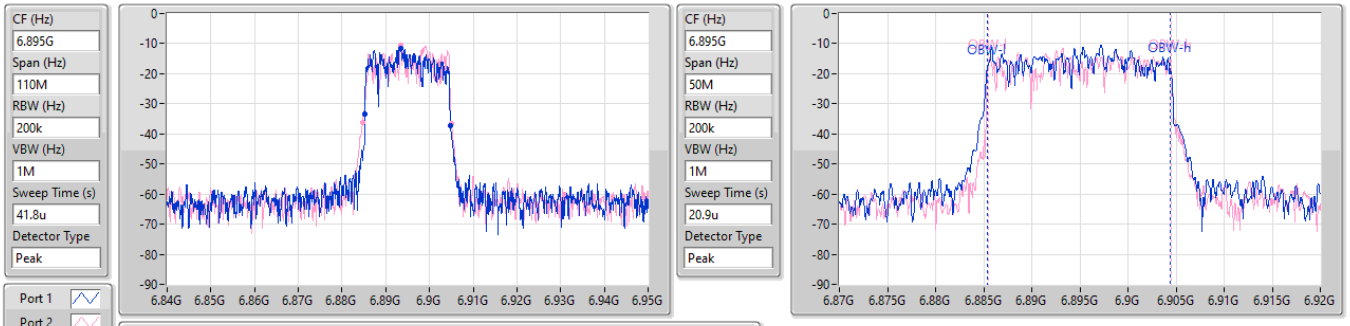


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.02M	6.86521G	6.88523G	19.032M	6.865465G	6.884497G	Inf	1
19.47M	6.86521G	6.88468G	18.91M	6.865455G	6.884364G	Inf	2

6.875-7.125GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

6895MHz

15/01/2024

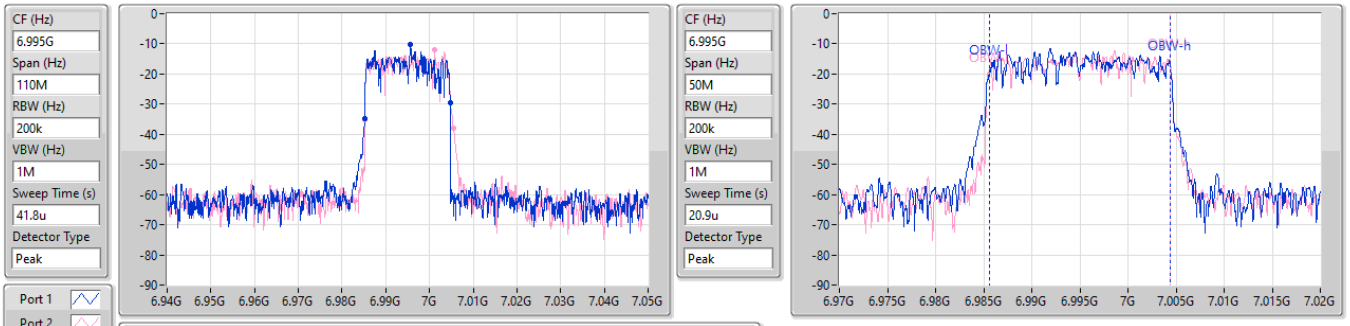


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.525M	6.885265G	6.90479G	18.986M	6.885413G	6.904399G	Inf	1
20.295M	6.88466G	6.904955G	18.978M	6.885488G	6.904467G	Inf	2

6.875-7.125GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

6995MHz

15/01/2024

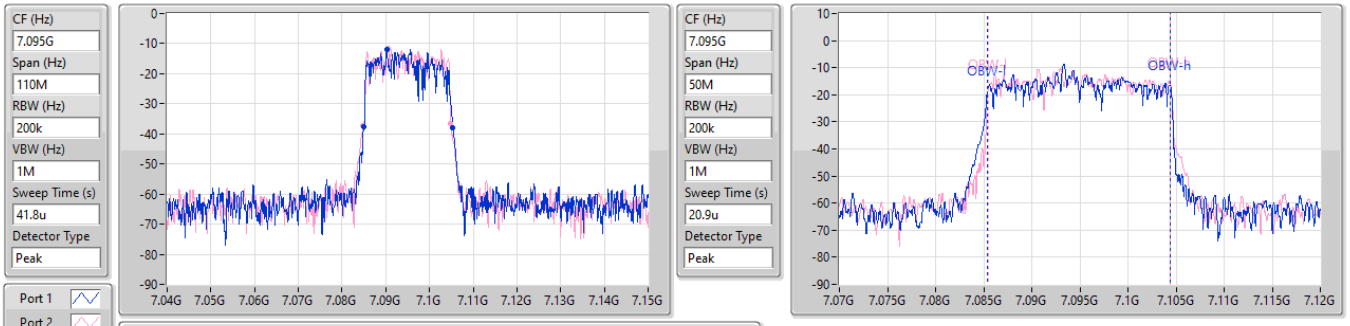


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.47M	6.98521G	7.00468G	18.817M	6.985577G	7.004394G	Inf	1
20.295M	6.98521G	7.005505G	18.888M	6.985555G	7.004443G	Inf	2

6.875-7.125GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

7095MHz

15/01/2024

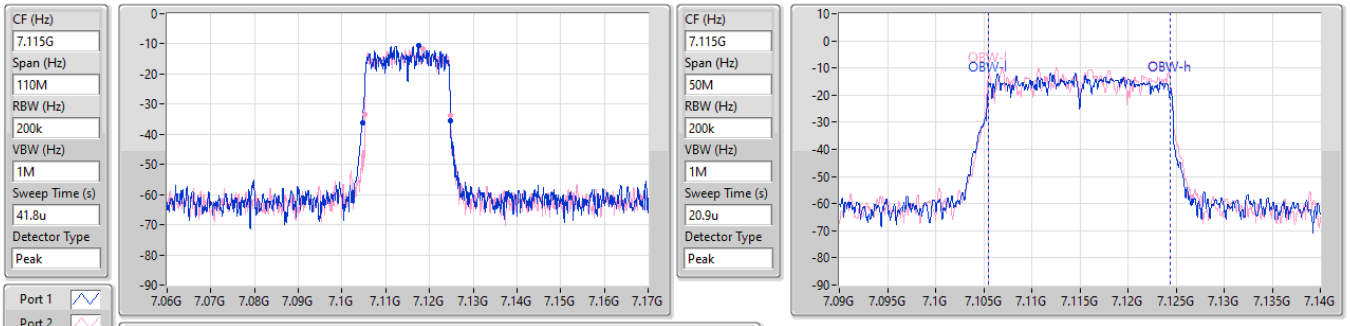


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.405M	7.08499G	7.105395G	18.988M	7.085439G	7.104428G	Inf	1
20.075M	7.08477G	7.104845G	18.905M	7.085533G	7.104438G	Inf	2

6.875-7.125GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

7115MHz

15/01/2024

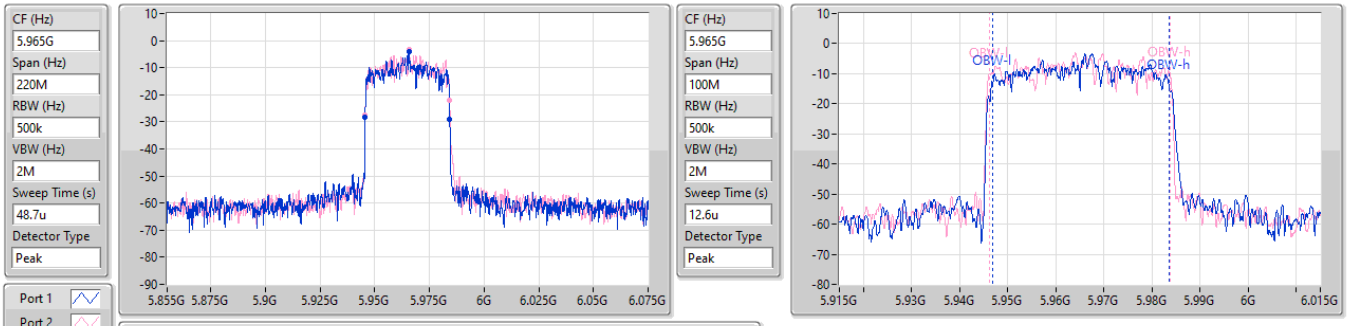


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.13M	7.104605G	7.124735G	18.921M	7.10551G	7.124431G	Inf	1
19.525M	7.10521G	7.124735G	18.982M	7.105444G	7.124426G	Inf	2

5.925-6.425GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

5965MHz

15/01/2024

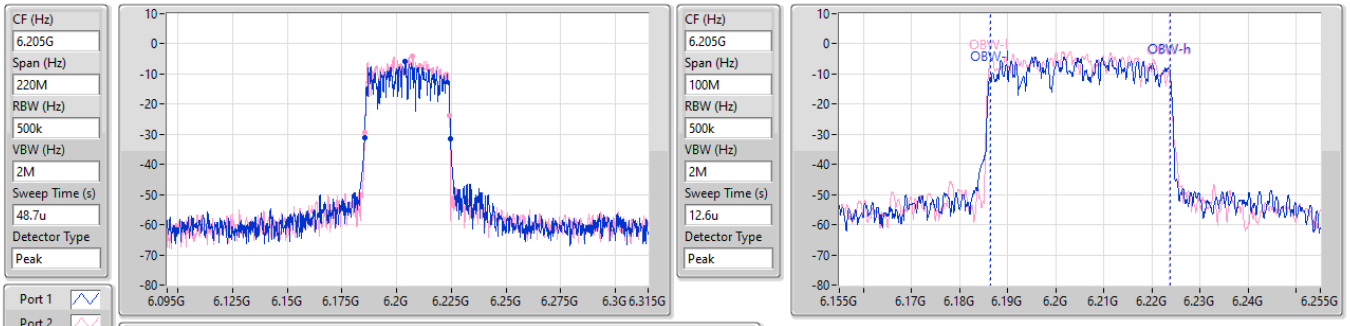


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.61M	5.94564G	5.98425G	36.749M	5.946773G	5.983522G	Inf	1
38.61M	5.94564G	5.98425G	37.629M	5.946128G	5.983756G	Inf	2

5.925-6.425GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

6205MHz

15/01/2024

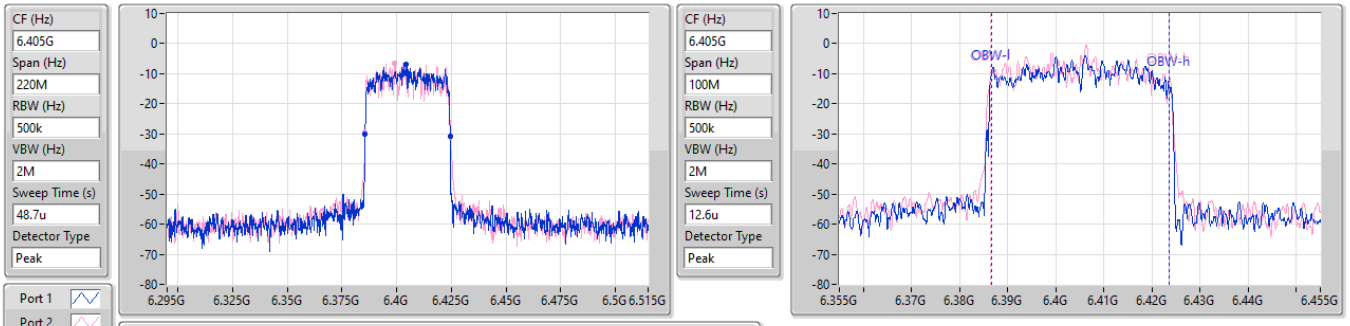


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.27M	6.18531G	6.22458G	37.361M	6.186347G	6.223709G	Inf	1
38.72M	6.18553G	6.22425G	37.334M	6.186166G	6.2235G	Inf	2

5.925-6.425GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

6405MHz

15/01/2024

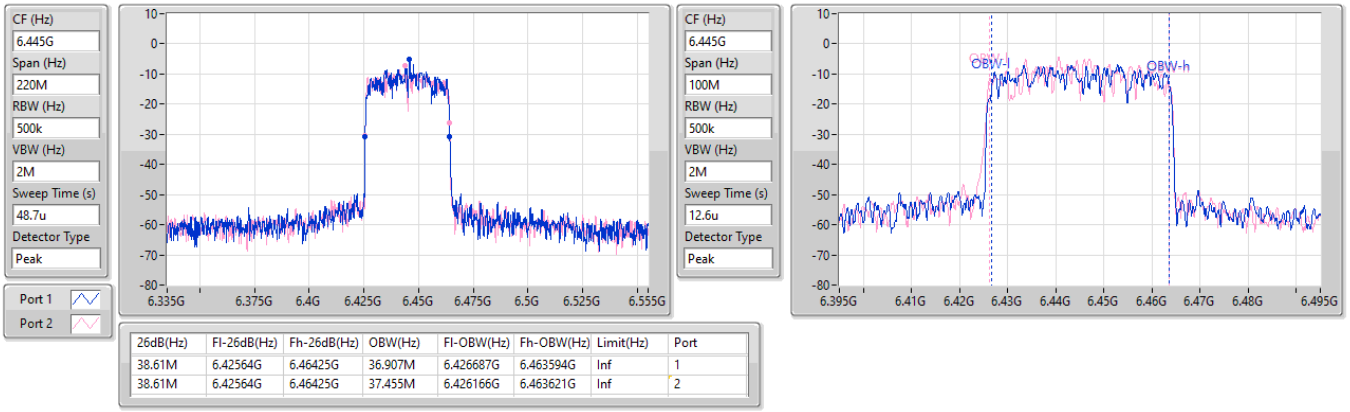


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.72M	6.38564G	6.42436G	36.995M	6.386568G	6.423564G	Inf	1
38.94M	6.38564G	6.42458G	37.172M	6.386458G	6.423629G	Inf	2

6.425-6.525GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

6445MHz

15/01/2024

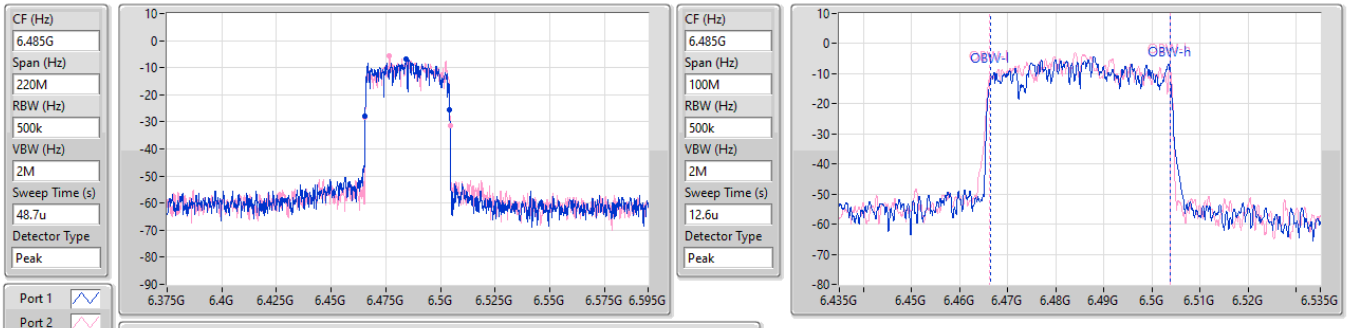


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.61M	6.42564G	6.46425G	36.907M	6.426687G	6.463594G	Inf	1
38.61M	6.42564G	6.46425G	37.455M	6.426166G	6.463621G	Inf	2

6.425-6.525GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

6485MHz

15/01/2024

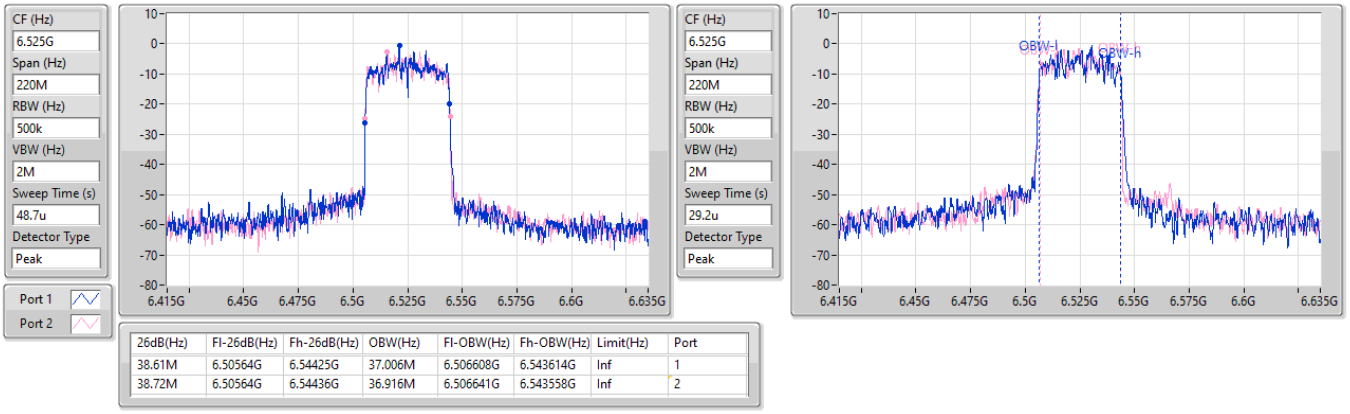


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.61M	6.46564G	6.50425G	37.291M	6.466438G	6.503729G	Inf	1
38.72M	6.46564G	6.50436G	37.615M	6.466245G	6.503861G	Inf	2

6.425-6.525GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

6525MHz Straddle 6.425-6.525GHz

15/01/2024

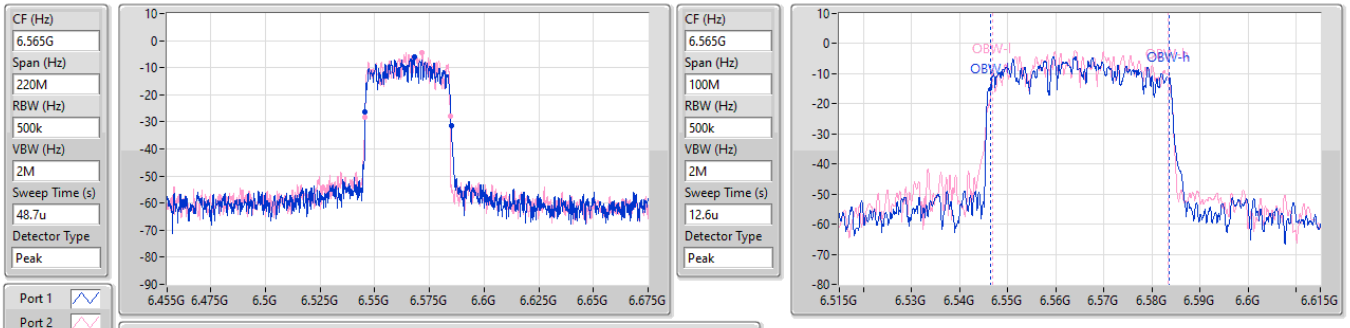


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.61M	6.50564G	6.54425G	37.006M	6.506608G	6.543614G	Inf	1
38.72M	6.50564G	6.54436G	36.916M	6.506641G	6.543558G	Inf	2

6.525-6.875GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

6565MHz

15/01/2024

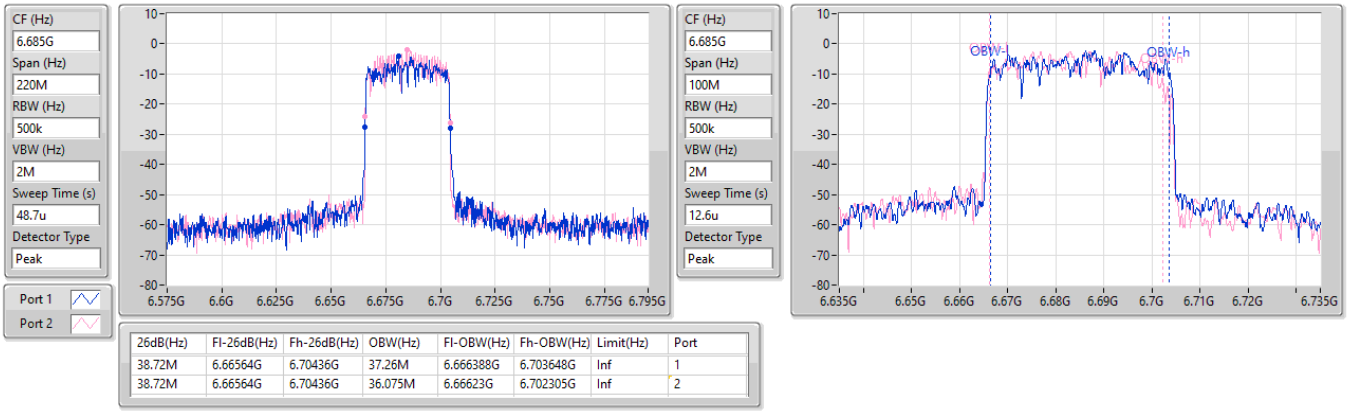


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.27M	6.54564G	6.58491G	37.115M	6.546537G	6.583652G	Inf	1
38.83M	6.54553G	6.58436G	36.636M	6.54676G	6.583397G	Inf	2

6.525-6.875GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

6685MHz

15/01/2024

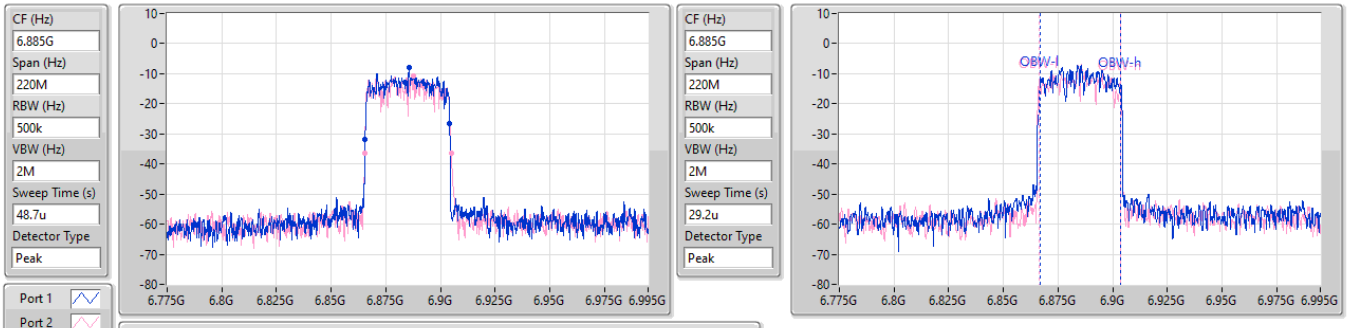


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.72M	6.66564G	6.70436G	37.26M	6.666388G	6.703648G	Inf	1
38.72M	6.66564G	6.70436G	36.075M	6.66623G	6.702305G	Inf	2

6.525-6.875GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

6885MHz Straddle 6.525-6.875GHz

15/01/2024

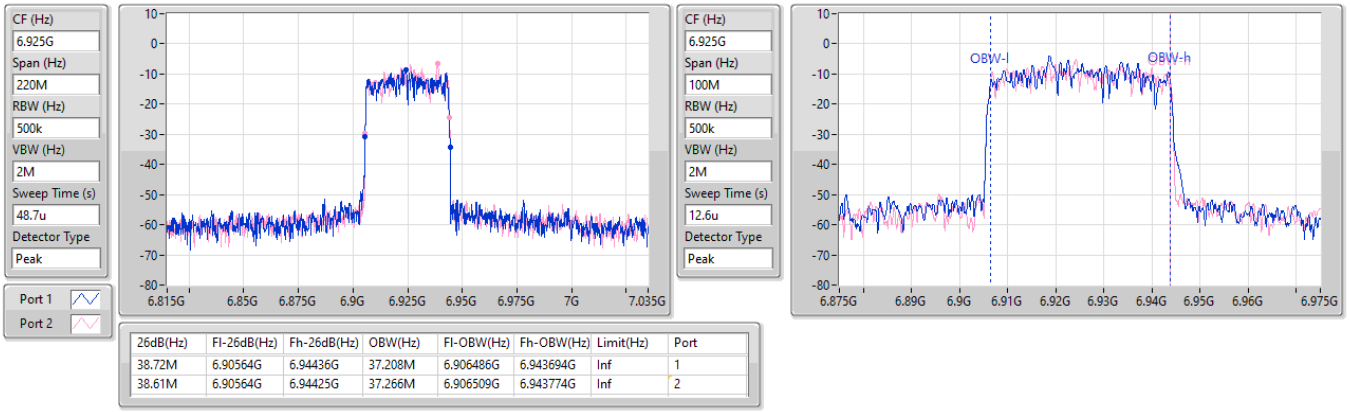


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.61M	6.86564G	6.90425G	37.1M	6.86672G	6.903821G	Inf	1
39.38M	6.86553G	6.90491G	37.567M	6.866178G	6.903745G	Inf	2

6.875-7.125GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

6925MHz

15/01/2024

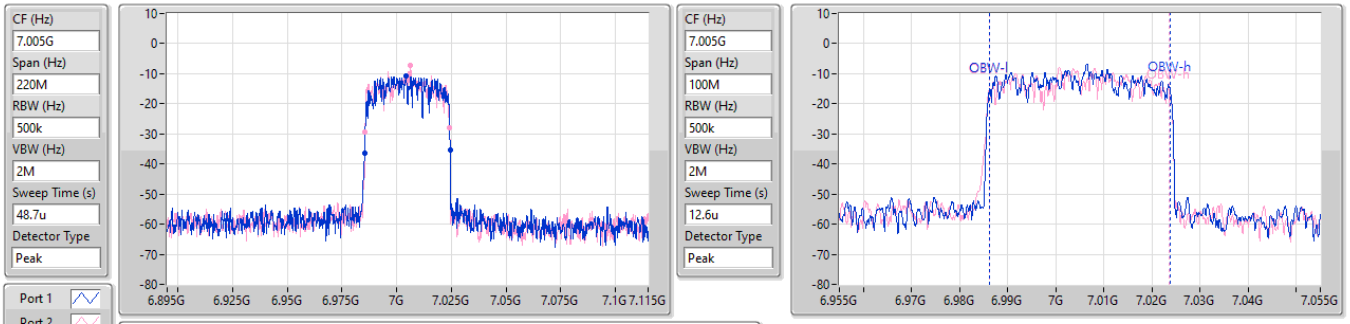


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.72M	6.90564G	6.94436G	37.208M	6.906486G	6.943694G	Inf	1
38.61M	6.90564G	6.94425G	37.266M	6.906509G	6.943774G	Inf	2

6.875-7.125GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

7005MHz

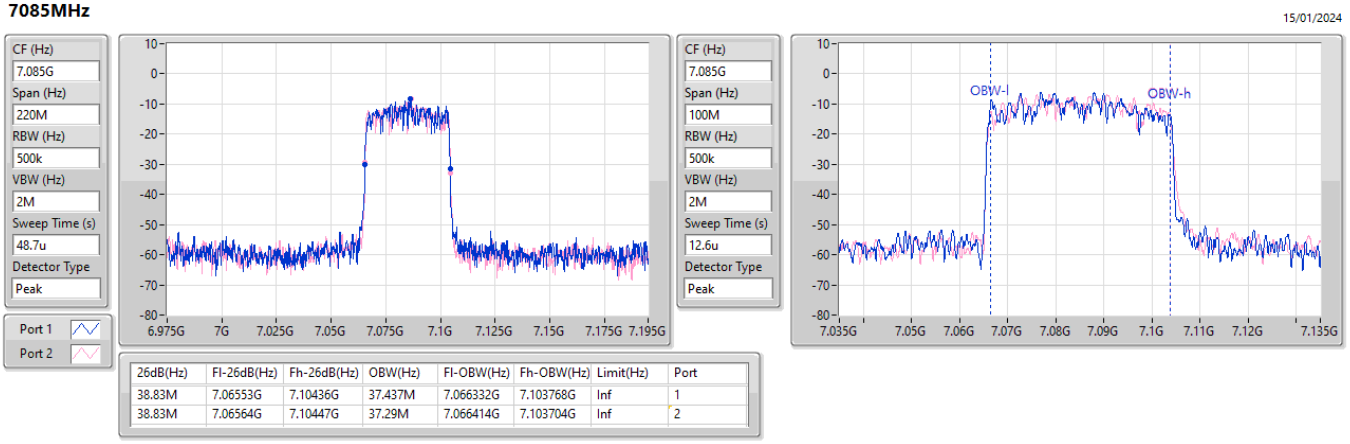
15/01/2024



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.05M	6.98531G	7.02436G	37.385M	6.986299G	7.023684G	Inf	1
38.61M	6.98564G	7.02425G	37.34M	6.986187G	7.023527G	Inf	2

6.875-7.125GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

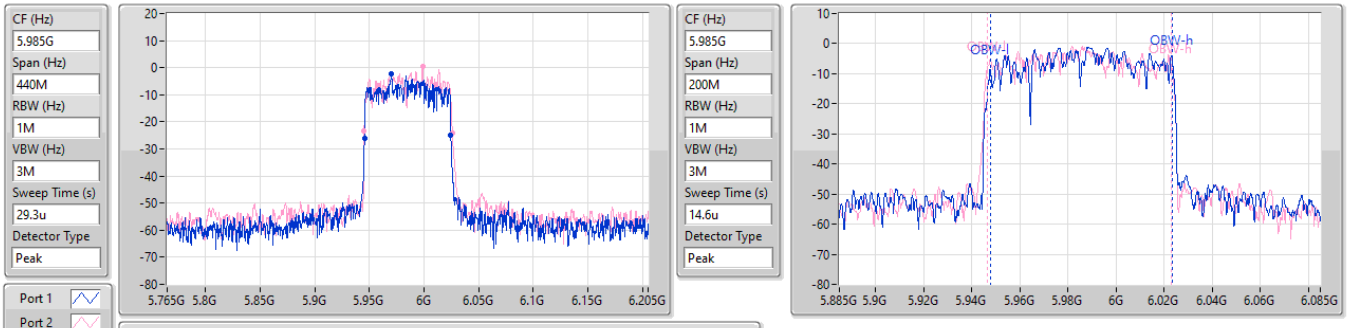
7085MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.83M	7.06553G	7.10436G	37.437M	7.066332G	7.103768G	Inf	1
38.83M	7.06564G	7.10447G	37.29M	7.066414G	7.103704G	Inf	2

5.925-6.425GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **EBW**

5985MHz

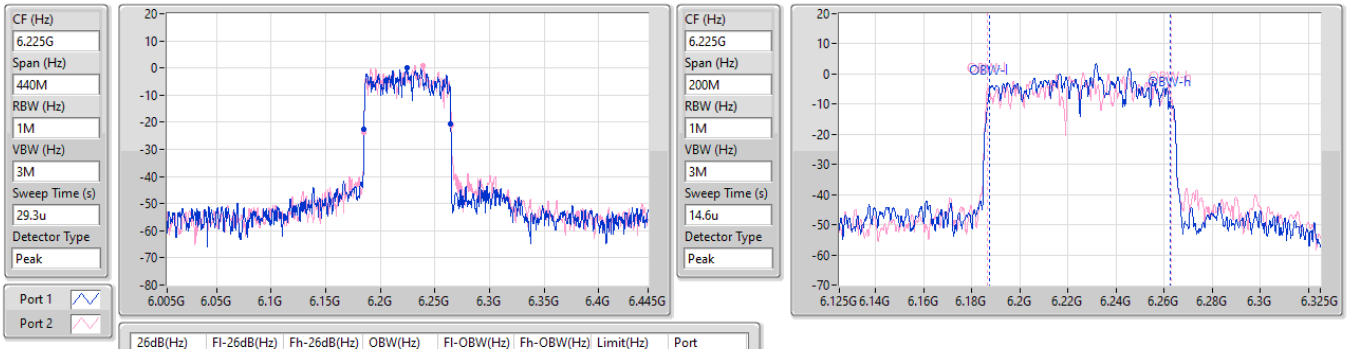


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
79.2M	5.9454G	6.0246G	75.714M	5.94778G	6.023495G	Inf	1
80.74M	5.94518G	6.02592G	76.601M	5.946631G	6.023232G	Inf	2

5.925-6.425GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **EBW**

6225MHz

15/01/2024

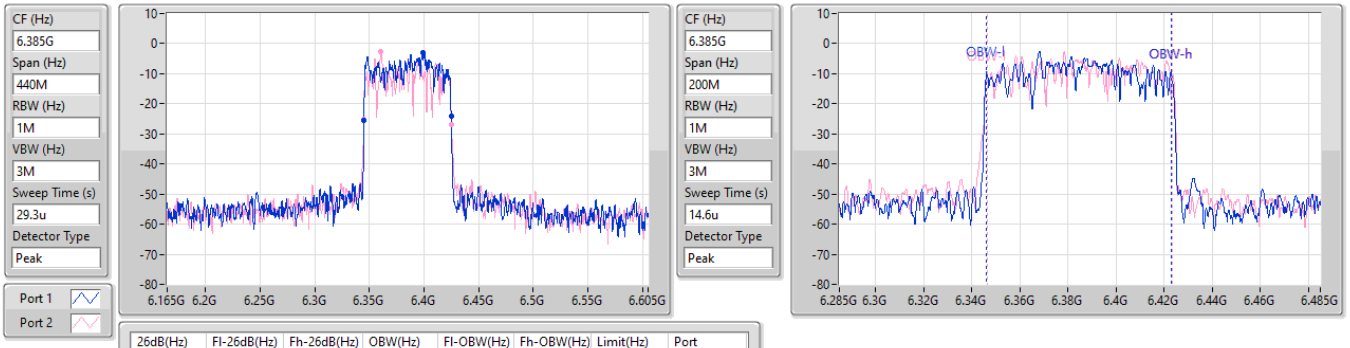


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
79.64M	6.18496G	6.2646G	75.216M	6.187335G	6.262551G	Inf	1
80.08M	6.18496G	6.26504G	76.484M	6.186477G	6.262962G	Inf	2

5.925-6.425GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **EBW**

6385MHz

15/01/2024

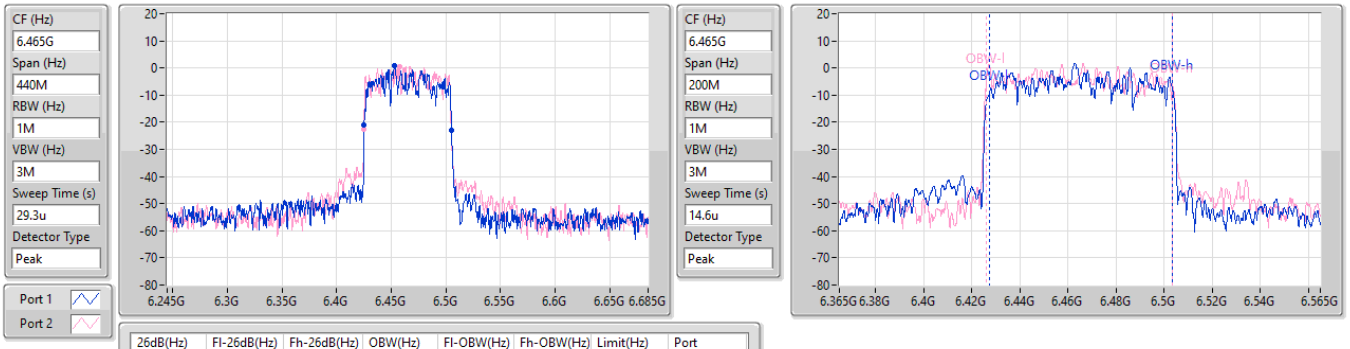


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
79.86M	6.34496G	6.42482G	76.954M	6.346225G	6.42318G	Inf	1
80.3M	6.34474G	6.42504G	77.171M	6.346481G	6.423652G	Inf	2

6.425-6.525GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **EBW**

6465MHz

15/01/2024

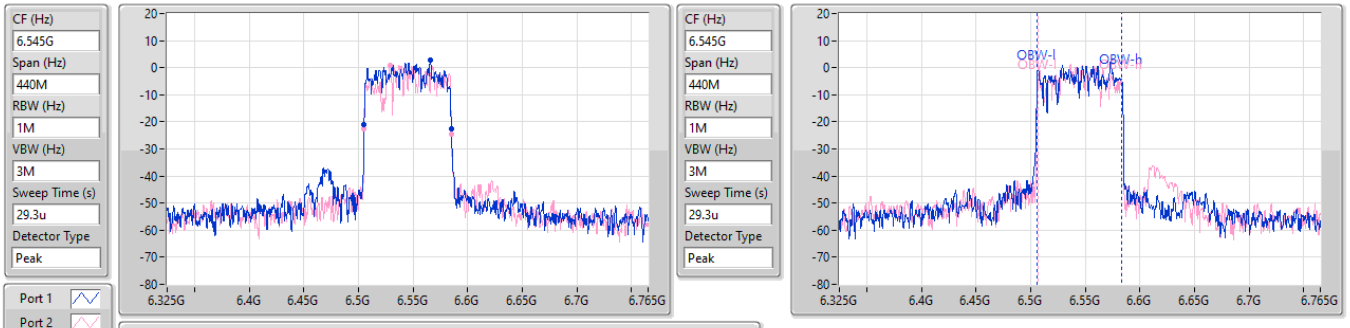


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.08M	6.42518G	6.50526G	76.01M	6.427384G	6.503393G	Inf	1
79.86M	6.42496G	6.50482G	77.205M	6.426269G	6.503474G	Inf	2

6.425-6.525GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **EBW**

6545MHz Straddle 6.425-6.525GHz

15/01/2024

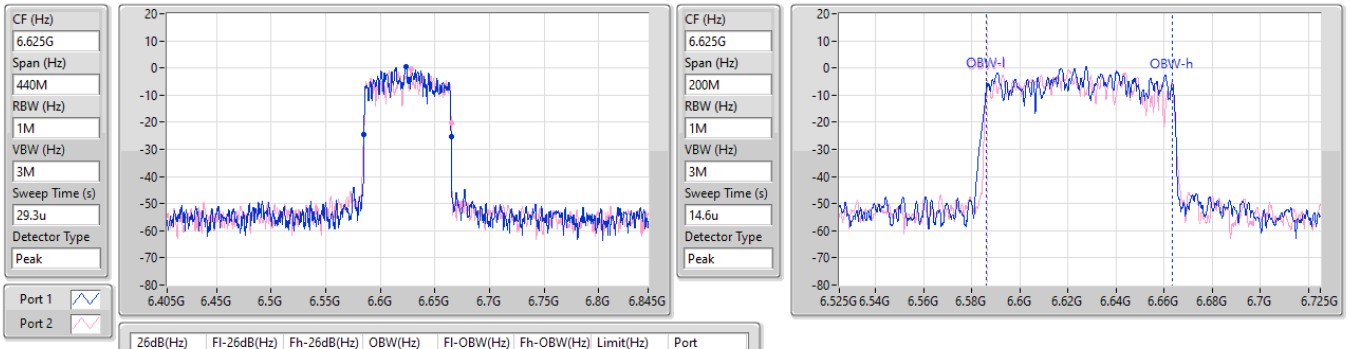


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
79.86M	6.50518G	6.58504G	77.433M	6.506112G	6.583545G	Inf	1
80.08M	6.50496G	6.58504G	76.671M	6.50655G	6.583221G	Inf	2

6.525-6.875GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **EBW**

6625MHz

15/01/2024

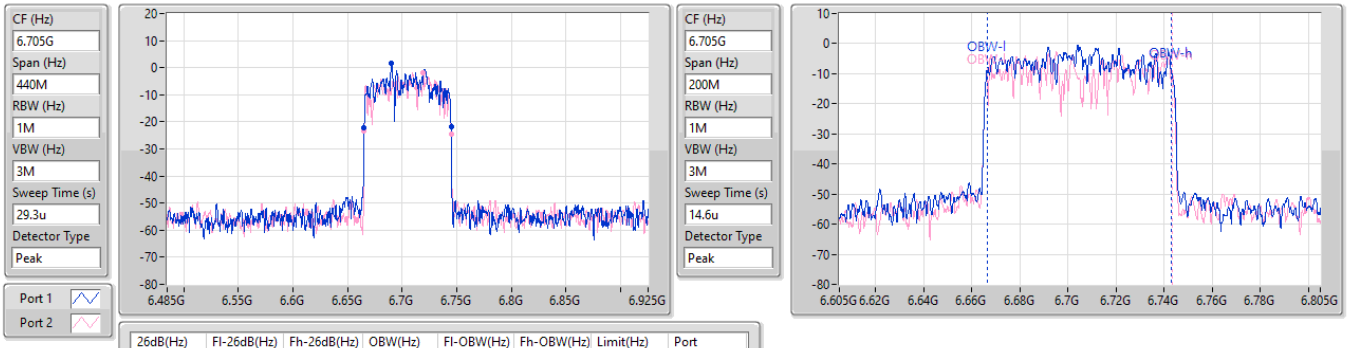


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
79.86M	6.58496G	6.66482G	77.422M	6.586211G	6.663633G	Inf	1
80.08M	6.58474G	6.66482G	77.058M	6.586482G	6.66354G	Inf	2

6.525-6.875GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **EBW**

6705MHz

15/01/2024

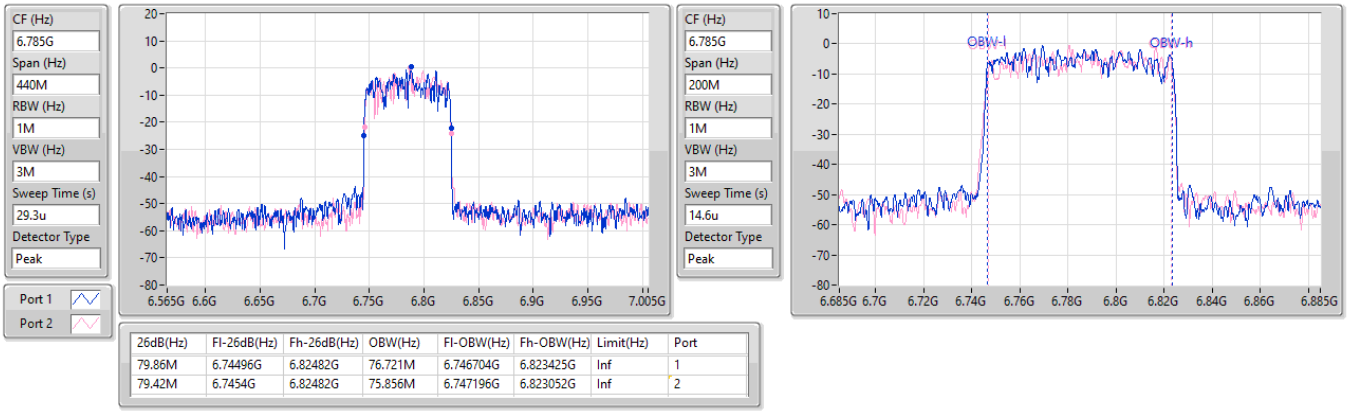


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
79.64M	6.66518G	6.74482G	76.361M	6.666623G	6.742984G	Inf	1
79.64M	6.66518G	6.74482G	76.983M	6.666456G	6.743439G	Inf	2

6.525-6.875GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **EBW**

6785MHz

15/01/2024

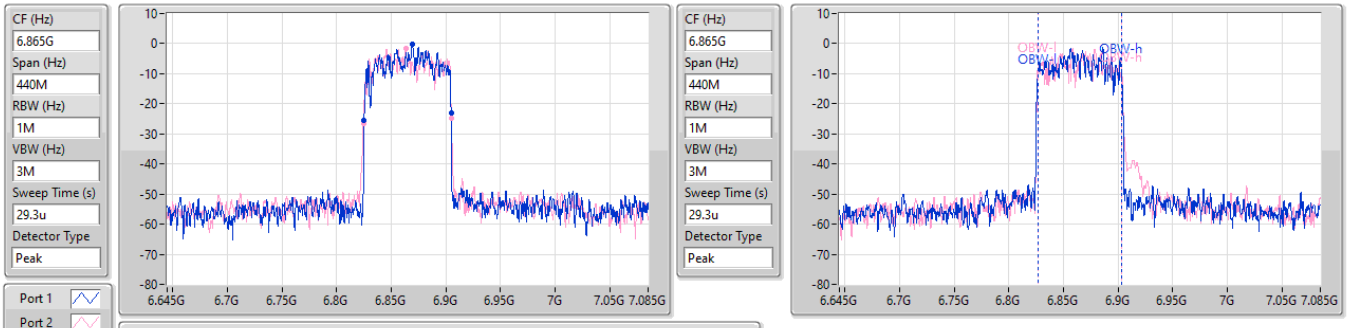


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
79.86M	6.74496G	6.82482G	76.721M	6.746704G	6.823425G	Inf	1
79.42M	6.7454G	6.82482G	75.856M	6.747196G	6.823052G	Inf	2

6.525-6.875GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **EBW**

6865MHz Straddle 6.525-6.875GHz

15/01/2024

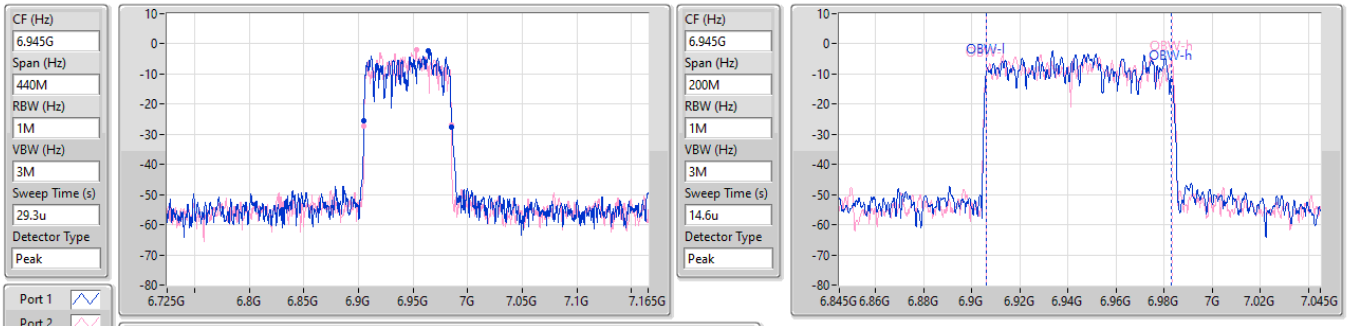


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
79.64M	6.82518G	6.90482G	75.825M	6.826939G	6.902765G	Inf	1
80.52M	6.82452G	6.90504G	76.602M	6.826554G	6.903156G	Inf	2

6.875-7.125GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **EBW**

6945MHz

15/01/2024

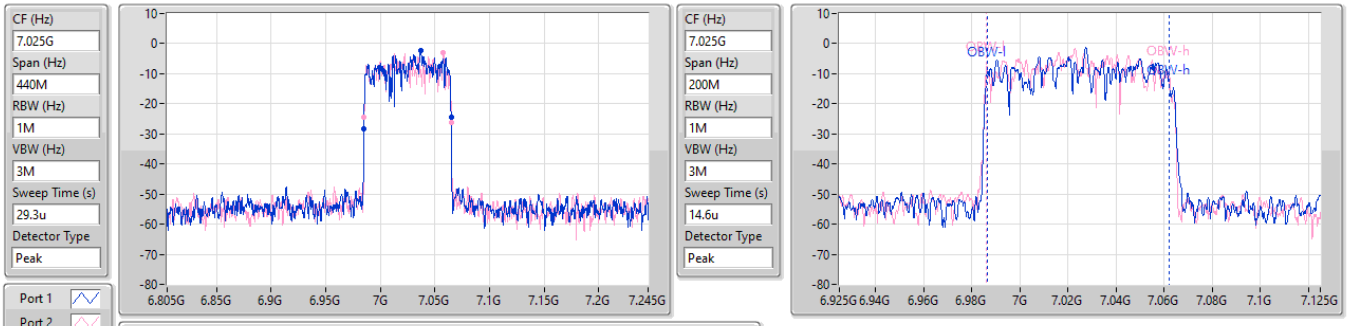


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.52M	6.90496G	6.98548G	76.731M	6.906218G	6.982949G	Inf	1
80.08M	6.90496G	6.98504G	77.476M	6.906173G	6.983648G	Inf	2

6.875-7.125GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **EBW**

7025MHz

15/01/2024



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
79.86M	6.98496G	7.06482G	75.853M	6.986481G	7.062334G	Inf	1
79.86M	6.98518G	7.06504G	75.908M	6.986214G	7.062122G	Inf	2

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	21.12M	19.014M	19M0D1D	20.35M	18.92M
802.11ax HEW40_Nss1,(MCS0)_1TX	39.27M	37.489M	37M5D1D	39.27M	36.96M
802.11ax HEW80_Nss1,(MCS0)_1TX	80.3M	77.033M	77M0D1D	79.64M	76.813M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	20.515M	18.994M	19M0D1D	20.02M	18.838M
802.11ax HEW40_Nss1,(MCS0)_1TX	39.27M	37.489M	37M5D1D	38.61M	37.018M
802.11ax HEW80_Nss1,(MCS0)_1TX	80.08M	77.308M	77M3D1D	80.08M	76.889M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	20.405M	18.956M	19M0D1D	19.69M	18.884M
802.11ax HEW40_Nss1,(MCS0)_1TX	39.27M	37.209M	37M2D1D	38.61M	37.147M
802.11ax HEW80_Nss1,(MCS0)_1TX	80.08M	77.362M	77M4D1D	79.86M	75.978M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	20.625M	19.018M	19M0D1D	20.02M	18.797M
802.11ax HEW40_Nss1,(MCS0)_1TX	38.94M	37.654M	37M7D1D	38.61M	37.171M
802.11ax HEW80_Nss1,(MCS0)_1TX	79.64M	77.038M	77M0D1D	79.42M	76.807M

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

Result

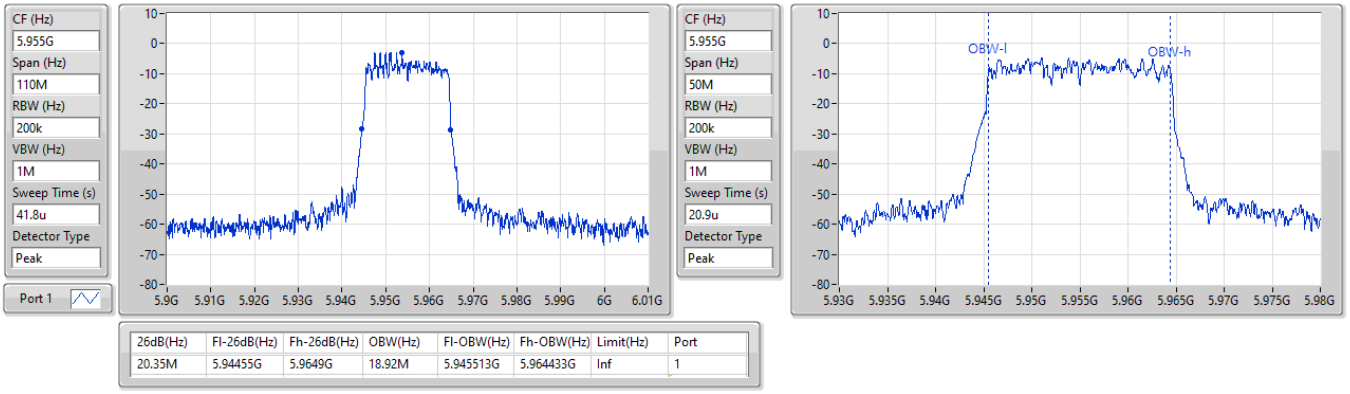
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5955MHz	Pass	Inf	20.35M	18.92M
6195MHz	Pass	Inf	21.12M	18.925M
6415MHz	Pass	Inf	20.845M	19.014M
6435MHz	Pass	Inf	20.02M	18.994M
6475MHz	Pass	Inf	20.13M	18.838M
6515MHz	Pass	Inf	20.515M	18.898M
6535MHz	Pass	Inf	20.185M	18.956M
6695MHz	Pass	Inf	20.405M	18.884M
6875MHz Straddle 6.525-6.875GHz	Pass	Inf	19.69M	18.938M
6895MHz	Pass	Inf	20.02M	18.936M
6995MHz	Pass	Inf	20.02M	19.018M
7095MHz	Pass	Inf	20.625M	18.936M
7115MHz	Pass	Inf	20.24M	18.797M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5965MHz	Pass	Inf	39.27M	37.052M
6205MHz	Pass	Inf	39.27M	37.489M
6405MHz	Pass	Inf	39.27M	36.96M
6445MHz	Pass	Inf	38.61M	37.018M
6485MHz	Pass	Inf	38.72M	37.489M
6525MHz Straddle 6.425-6.525GHz	Pass	Inf	39.27M	37.194M
6565MHz	Pass	Inf	39.05M	37.2M
6685MHz	Pass	Inf	39.27M	37.209M
6885MHz Straddle 6.525-6.875GHz	Pass	Inf	38.61M	37.147M
6925MHz	Pass	Inf	38.83M	37.171M
7005MHz	Pass	Inf	38.94M	37.654M
7085MHz	Pass	Inf	38.61M	37.299M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5985MHz	Pass	Inf	80.3M	76.813M
6225MHz	Pass	Inf	80.08M	77.033M
6385MHz	Pass	Inf	79.64M	76.92M
6465MHz	Pass	Inf	80.08M	76.889M
6545MHz Straddle 6.425-6.525GHz	Pass	Inf	80.08M	77.308M
6625MHz	Pass	Inf	79.86M	75.978M
6705MHz	Pass	Inf	79.86M	77.362M
6785MHz	Pass	Inf	80.08M	76.766M
6865MHz Straddle 6.525-6.875GHz	Pass	Inf	80.08M	77.112M
6945MHz	Pass	Inf	79.64M	77.038M
7025MHz	Pass	Inf	79.42M	76.807M

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_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5955MHz

15/01/2024

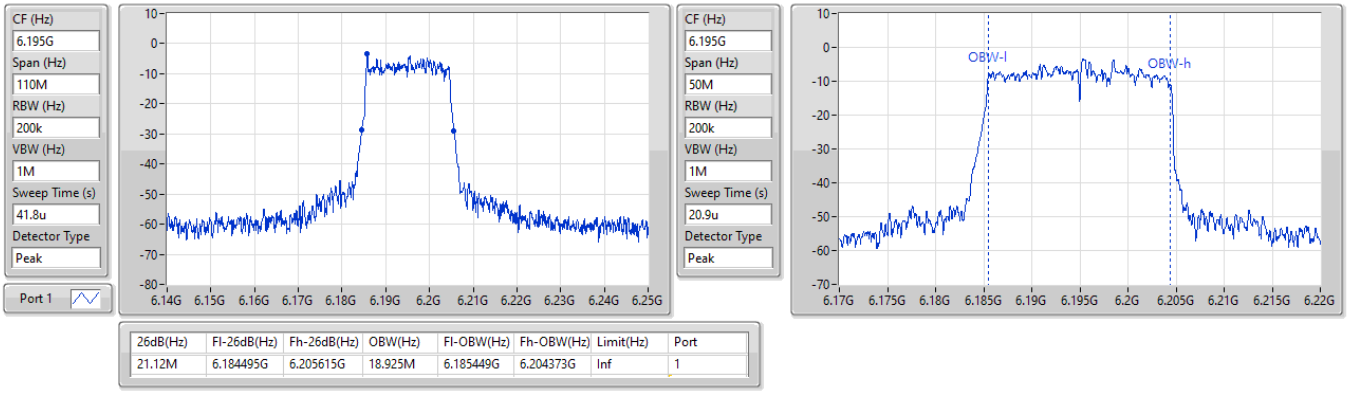


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.35M	5.94455G	5.9649G	18.92M	5.945513G	5.964433G	Inf	1

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

6195MHz

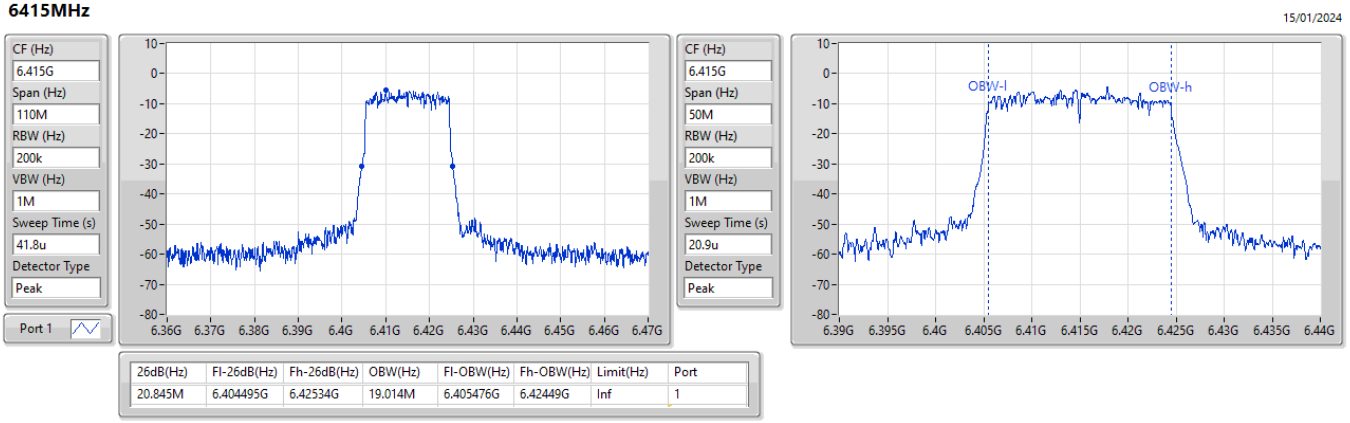
15/01/2024



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.12M	6.184495G	6.205615G	18.925M	6.185449G	6.204373G	Inf	1

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

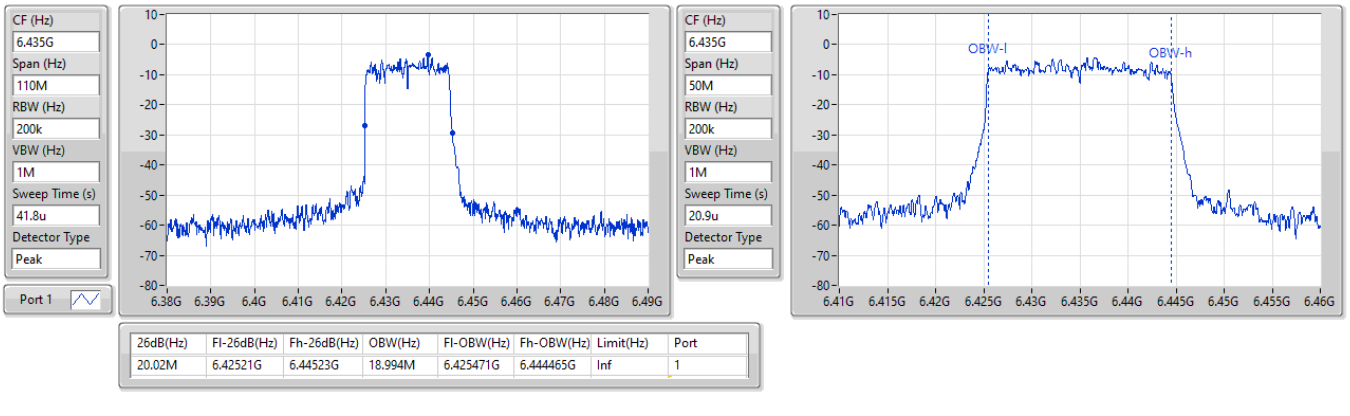
6415MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.845M	6.404495G	6.42534G	19.014M	6.405476G	6.42449G	Inf	1

6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

6435MHz

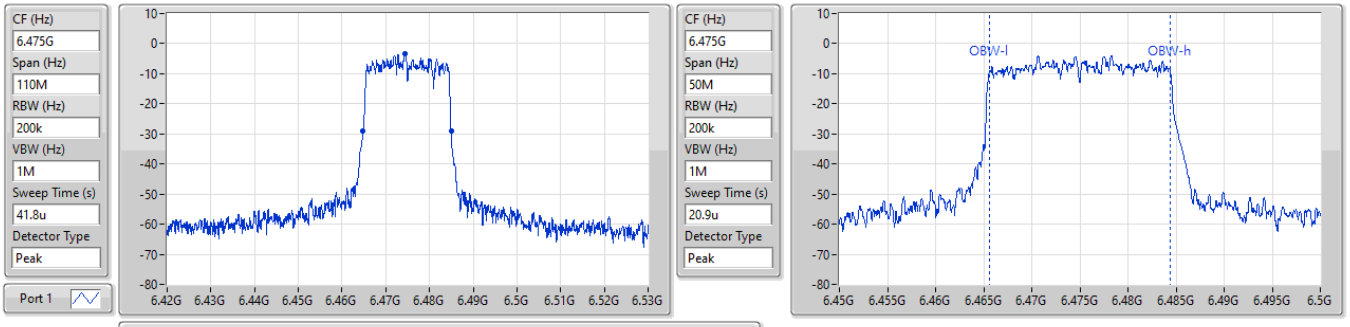


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.02M	6.42521G	6.44523G	18.994M	6.425471G	6.444465G	Inf	1

6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

6475MHz

15/01/2024

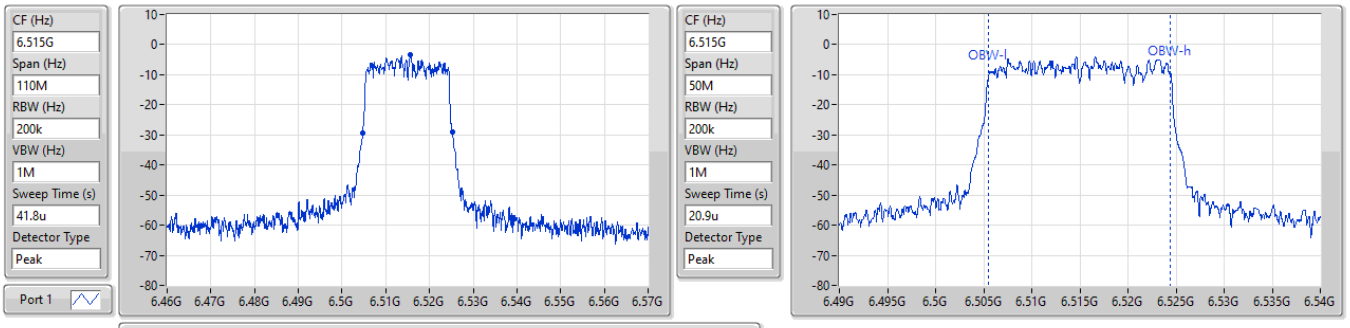


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.13M	6.464825G	6.484955G	18.838M	6.465575G	6.484414G	Inf	1

6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

6515MHz

15/01/2024

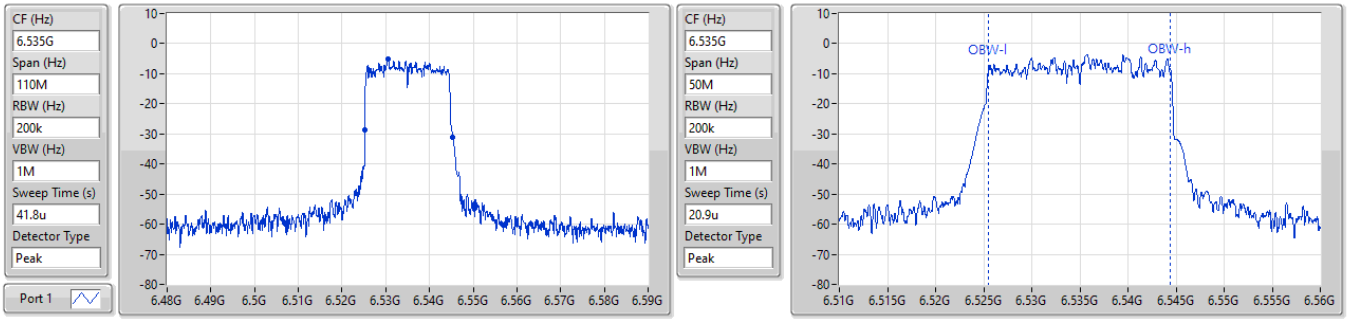


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.515M	6.504715G	6.52523G	18.898M	6.505528G	6.524426G	Inf	1

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

6535MHz

15/01/2024

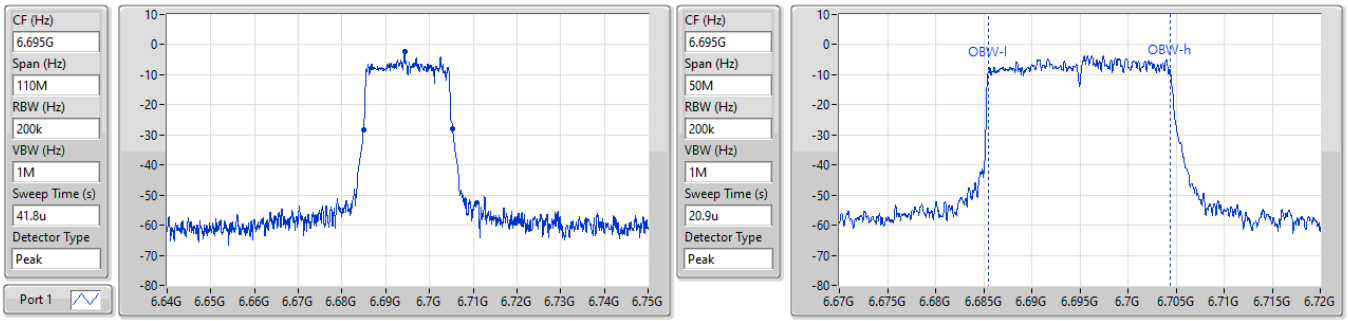


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.185M	6.52521G	6.545395G	18.956M	6.525477G	6.544433G	Inf	1

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

6695MHz

15/01/2024

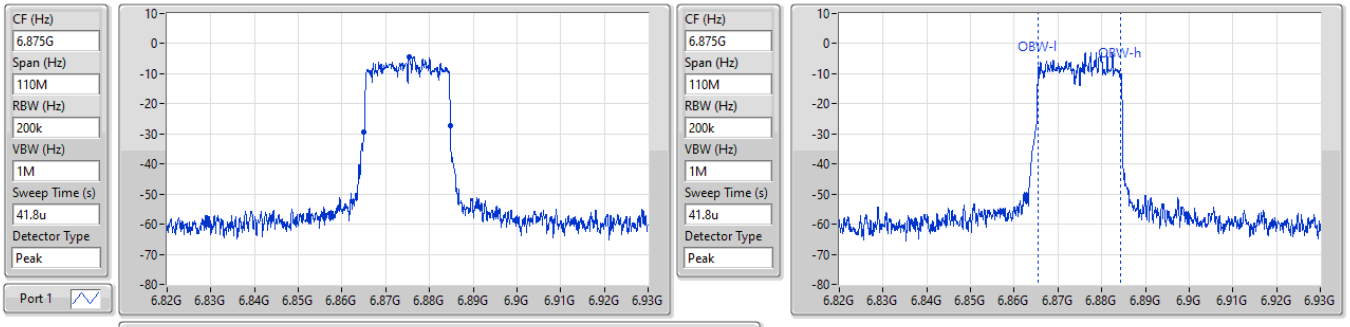


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.405M	6.68488G	6.705285G	18.884M	6.685524G	6.704407G	Inf	1

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

6875MHz Straddle 6.525-6.875GHz

15/01/2024

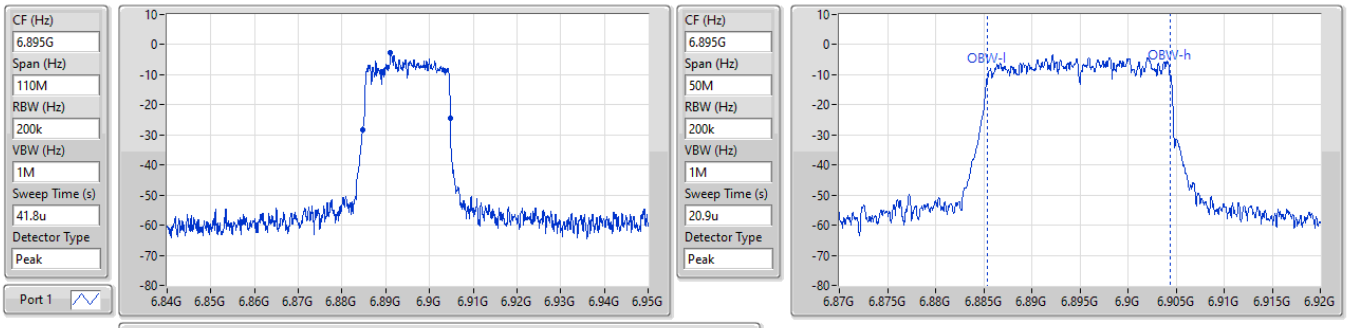


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.69M	6.865045G	6.884735G	18.938M	6.865479G	6.884416G	Inf	1

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

6895MHz

15/01/2024

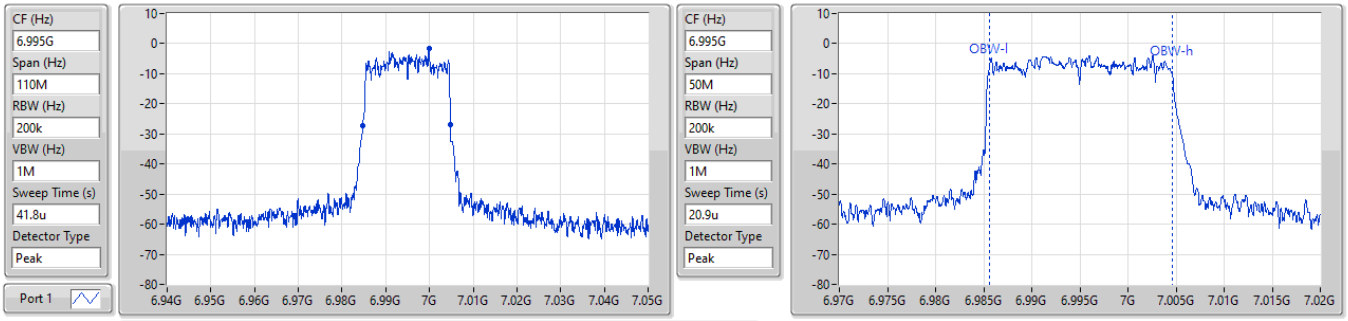


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.02M	6.884715G	6.904735G	18.936M	6.885431G	6.904367G	Inf	1

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

6995MHz

15/01/2024

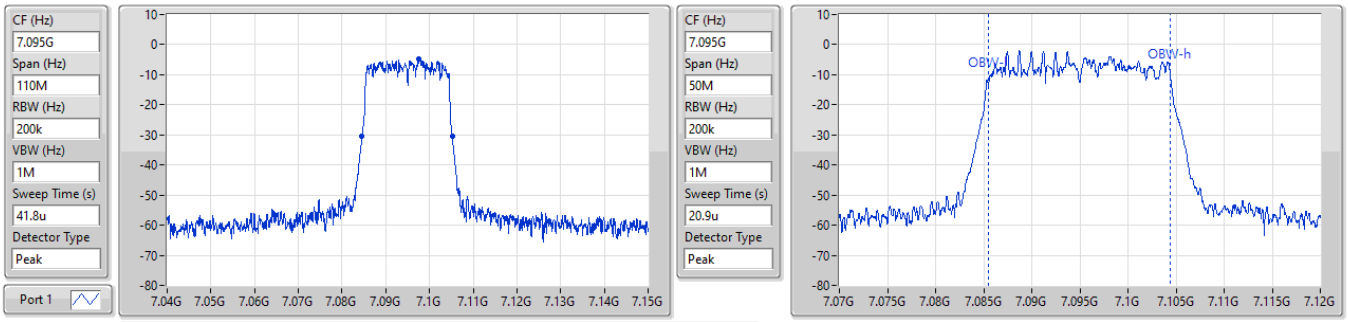


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.02M	6.984715G	7.004735G	19.018M	6.985551G	7.004569G	Inf	1

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

7095MHz

15/01/2024

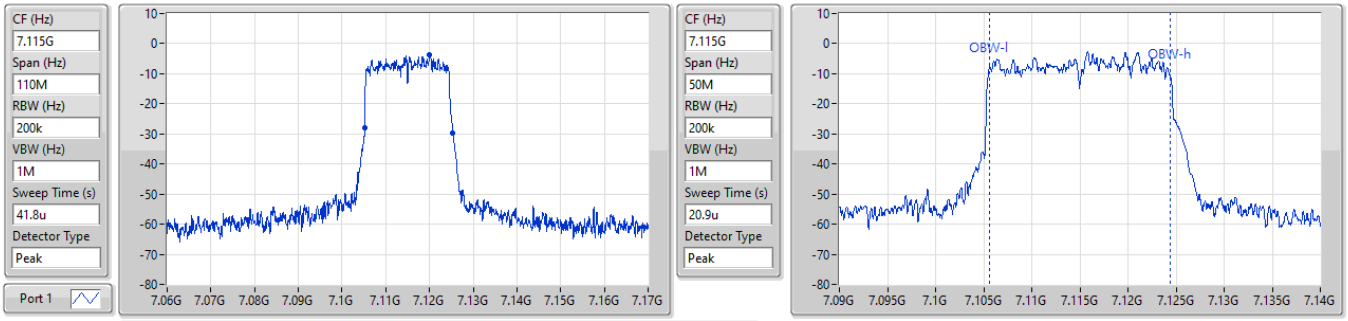


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.625M	7.08455G	7.105175G	18.936M	7.08546G	7.104396G	Inf	1

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

7115MHz

15/01/2024

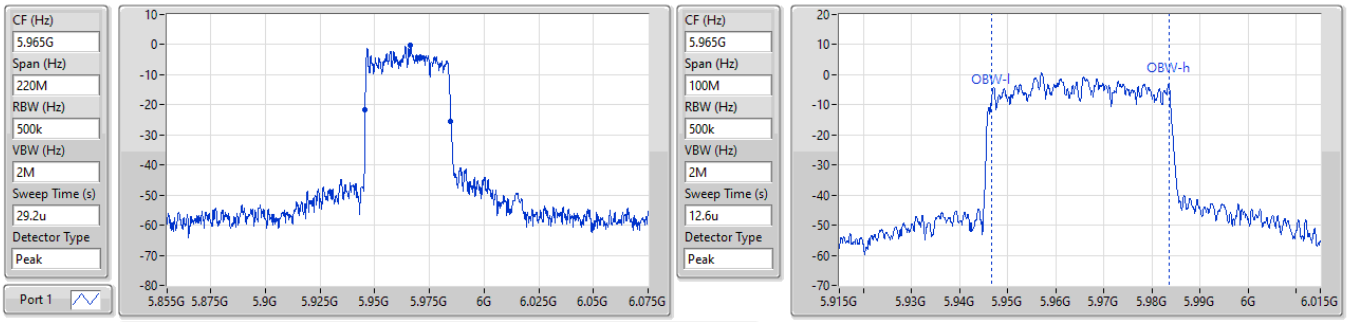


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.24M	7.105155G	7.125395G	18.797M	7.105553G	7.124351G	Inf	1

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

5965MHz

15/01/2024

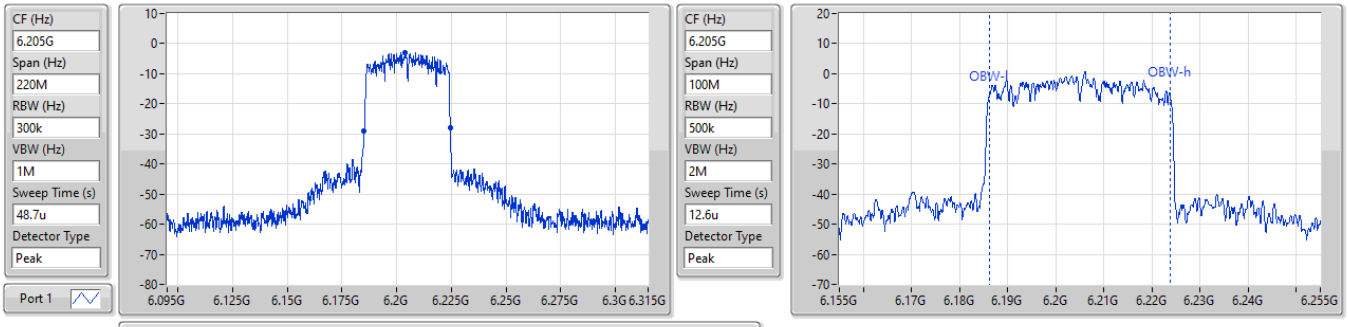


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.27M	5.94553G	5.9848G	37.052M	5.946602G	5.983654G	Inf	1

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

6205MHz

15/01/2024

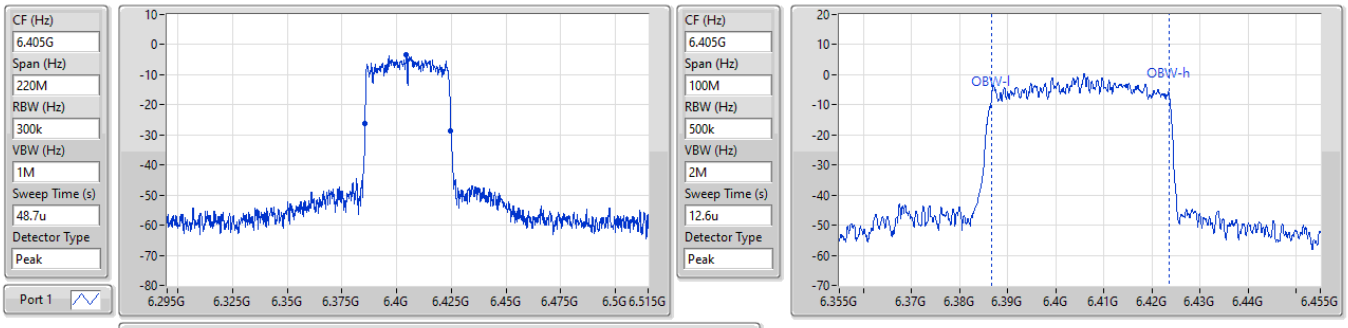


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.27M	6.18509G	6.22436G	37.489M	6.18621G	6.223699G	Inf	1

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

6405MHz

15/01/2024

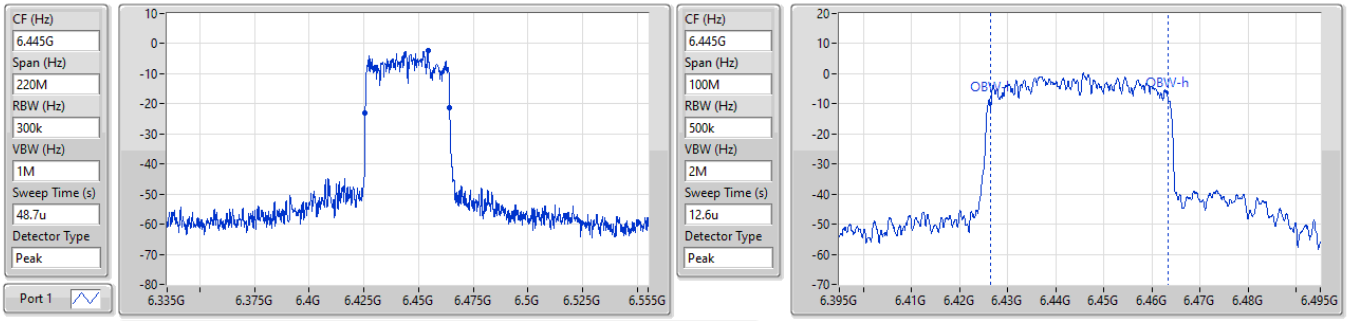


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.27M	6.38553G	6.4248G	36.96M	6.386581G	6.423541G	Inf	1

6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

6445MHz

15/01/2024

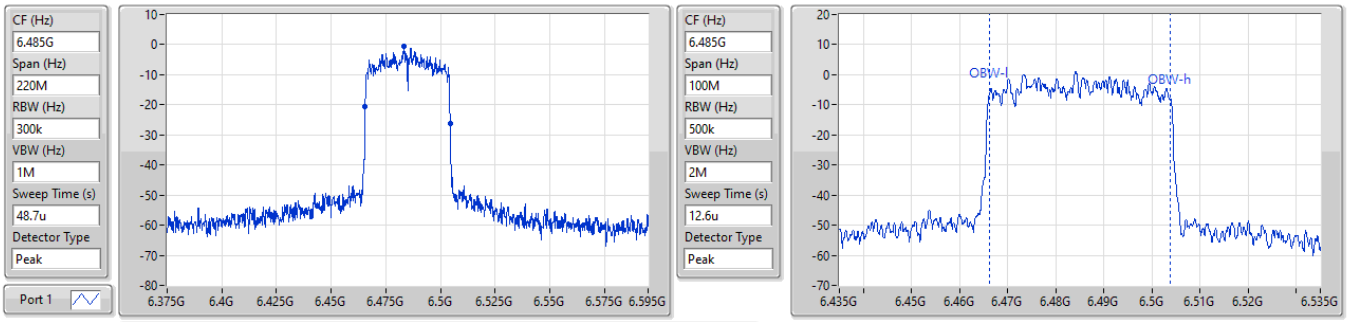


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.61M	6.42564G	6.46425G	37.018M	6.426345G	6.463363G	Inf	1

6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

6485MHz

15/01/2024

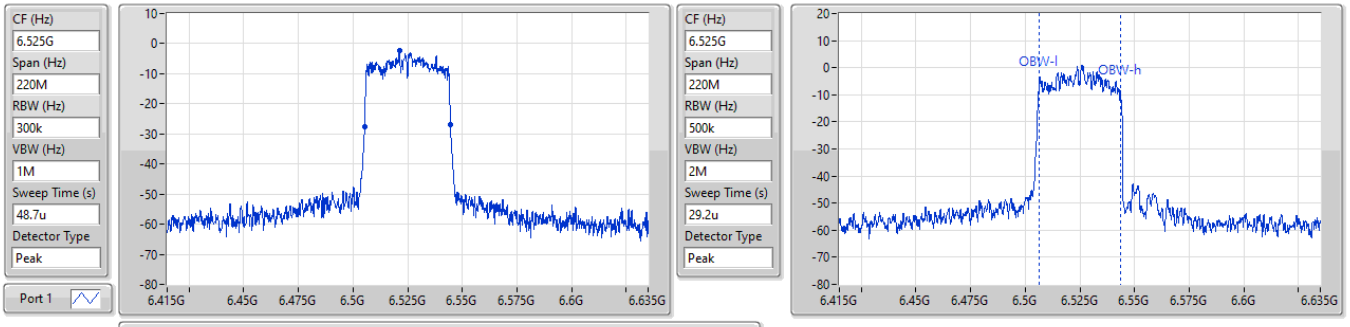


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.72M	6.46564G	6.50436G	37.489M	6.466202G	6.503692G	Inf	1

6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

6525MHz Straddle 6.425-6.525GHz

15/01/2024

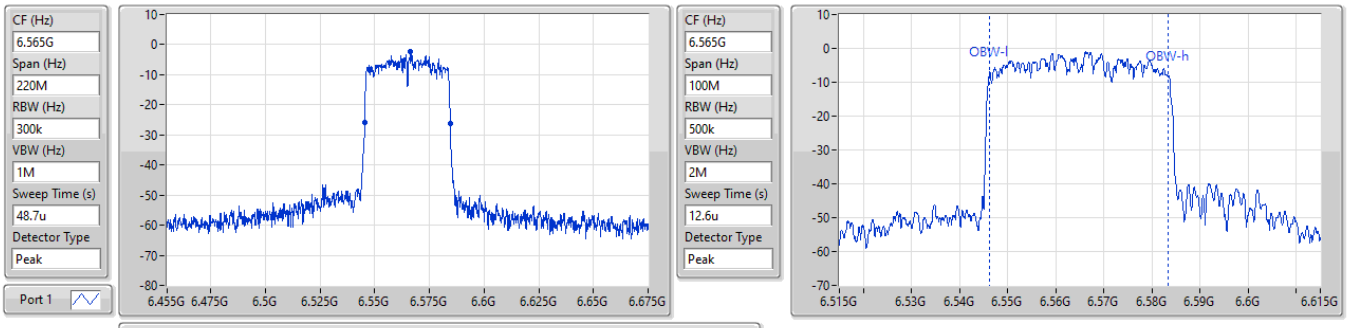


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.27M	6.50531G	6.54458G	37.194M	6.506288G	6.543483G	Inf	1

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

6565MHz

15/01/2024

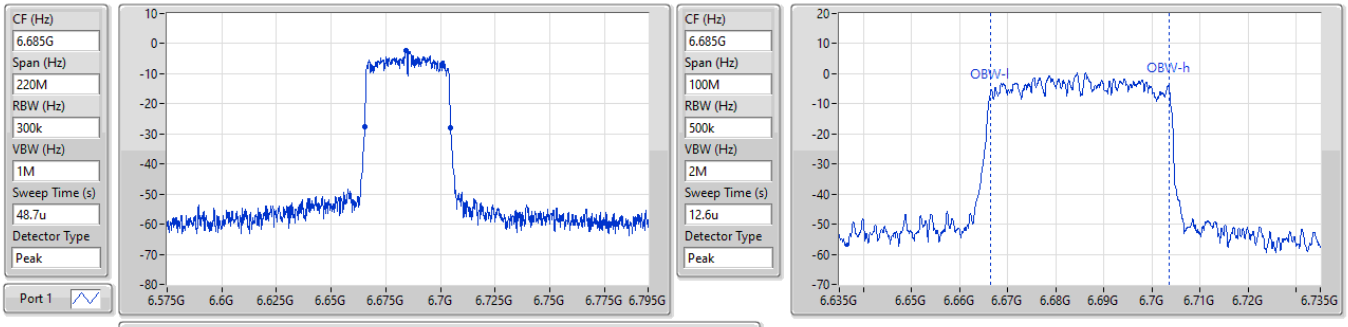


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.05M	6.54542G	6.58447G	37.2M	6.546246G	6.583447G	Inf	1

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

6685MHz

15/01/2024

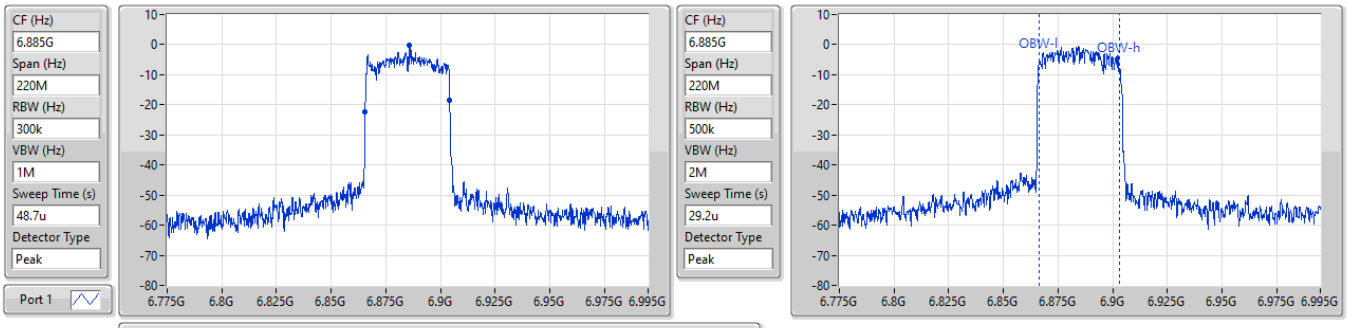


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.27M	6.66542G	6.70469G	37.209M	6.666382G	6.703591G	Inf	1

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

6885MHz Straddle 6.525-6.875GHz

15/01/2024

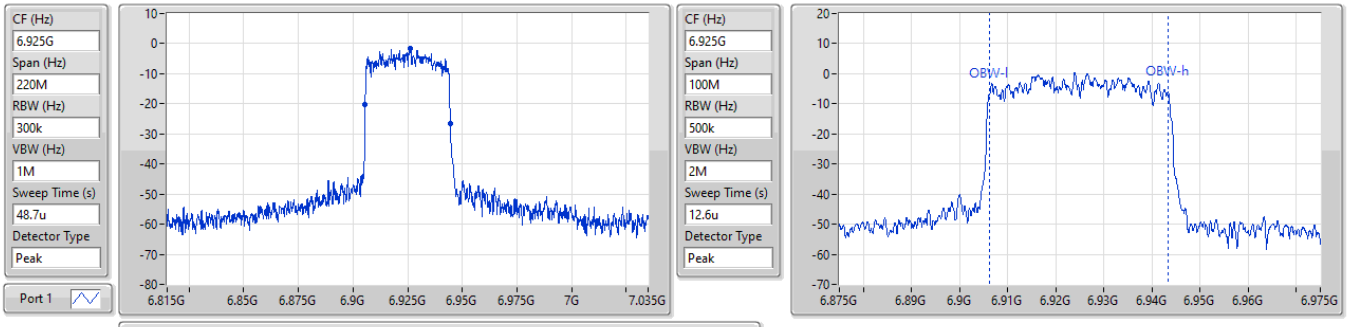


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.61M	6.86564G	6.90425G	37.147M	6.866183G	6.90333G	Inf	1

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

6925MHz

15/01/2024

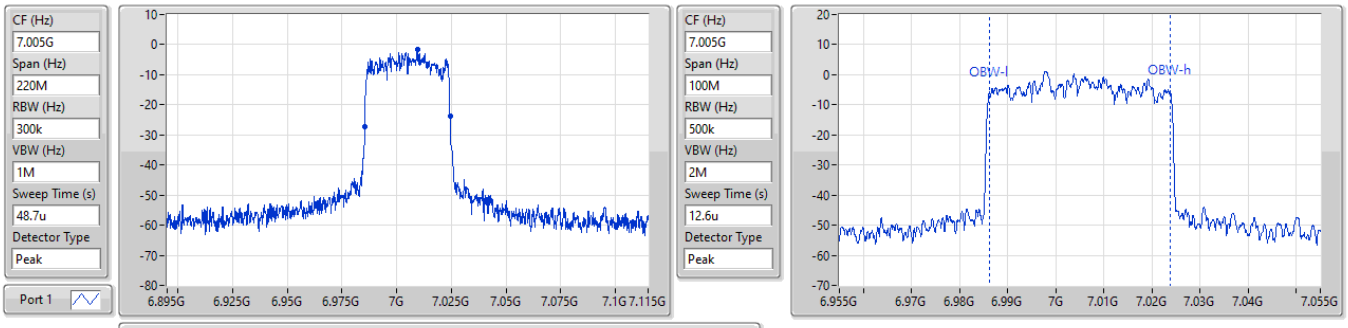


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.83M	6.90564G	6.94447G	37.171M	6.906213G	6.943384G	Inf	1

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

7005MHz

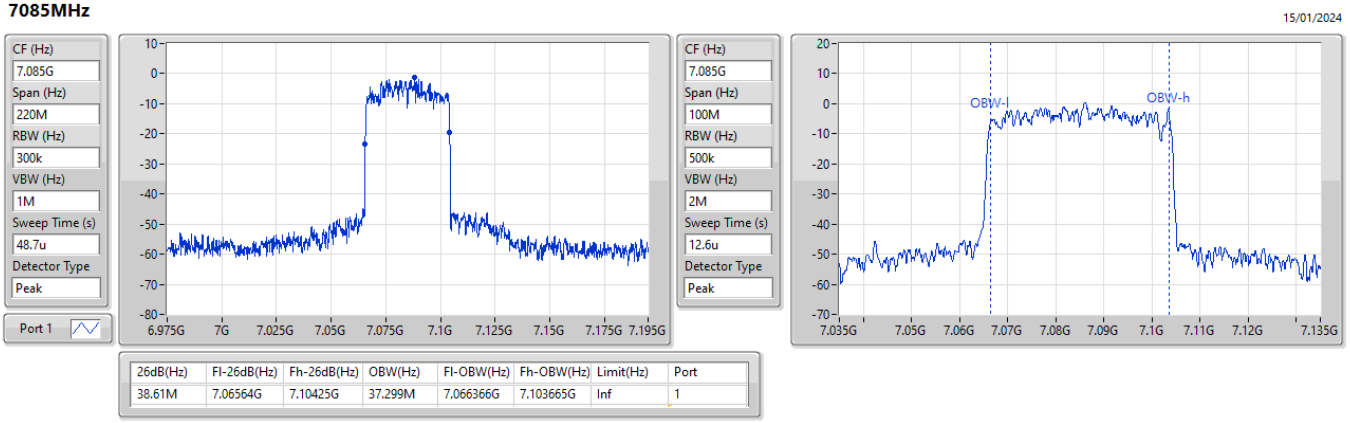
15/01/2024



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.94M	6.98542G	7.02436G	37.654M	6.986176G	7.02383G	Inf	1

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

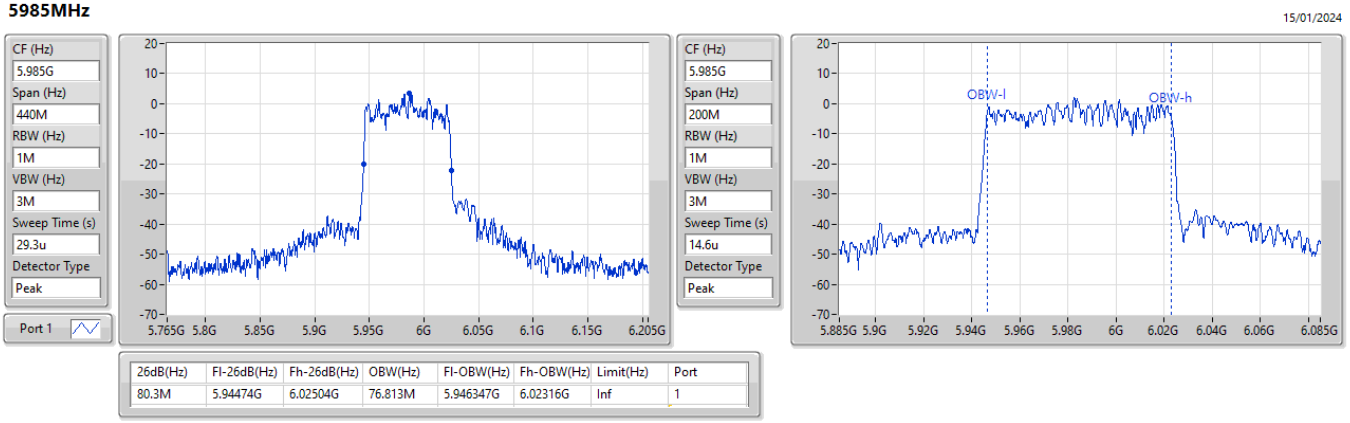
7085MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.61M	7.06564G	7.10425G	37.299M	7.066366G	7.103665G	Inf	1

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_1TX **EBW**

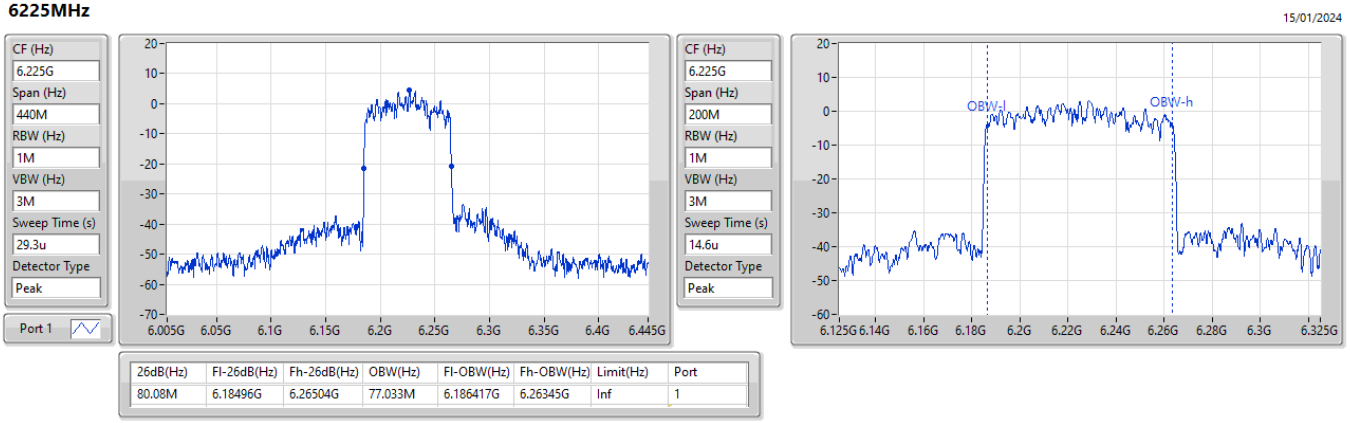
5985MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.3M	5.94474G	6.02504G	76.813M	5.946347G	6.02316G	Inf	1

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_1TX **EBW**

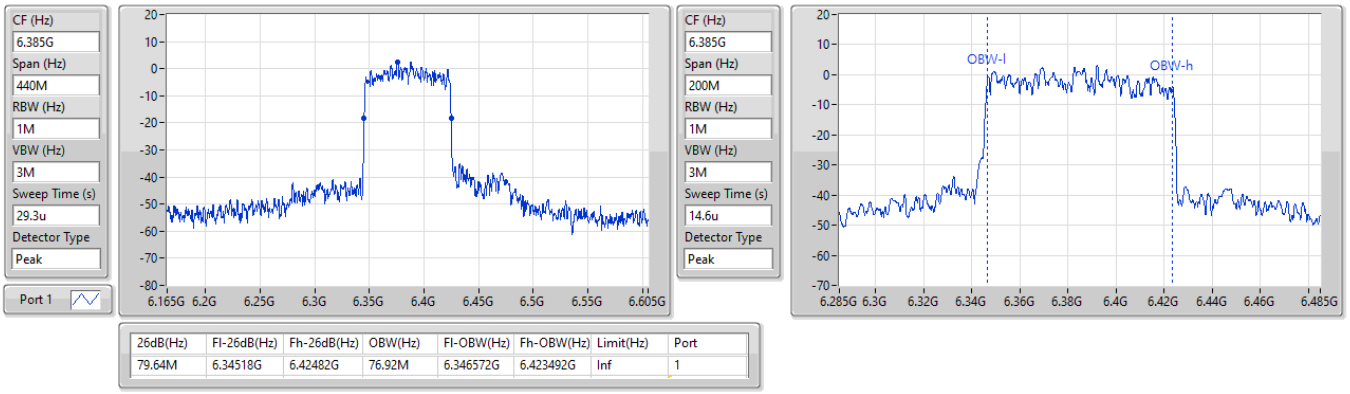
6225MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.08M	6.18496G	6.26504G	77.033M	6.186417G	6.26345G	Inf	1

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_1TX **EBW**

6385MHz

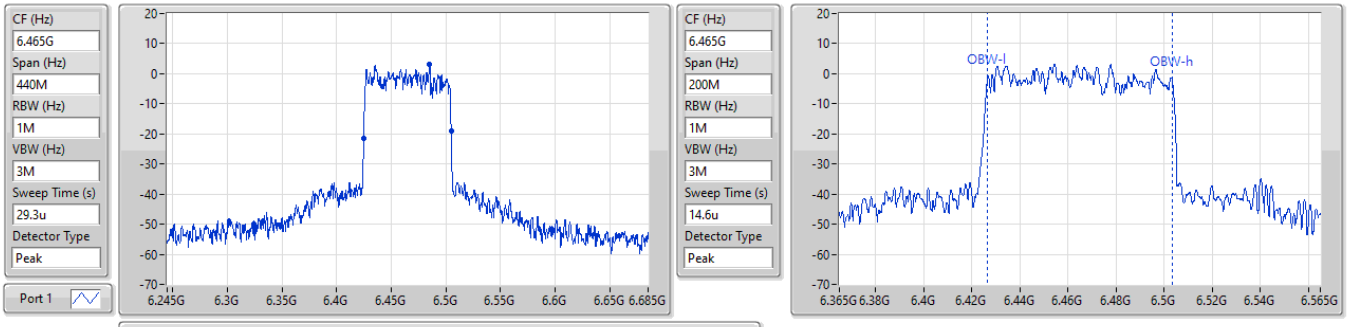


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
79.64M	6.34518G	6.42482G	76.92M	6.346572G	6.423492G	Inf	1

6.425-6.525GHz_802.11ax HEW80_Nss1,(MCS0)_1TX **EBW**

6465MHz

15/01/2024

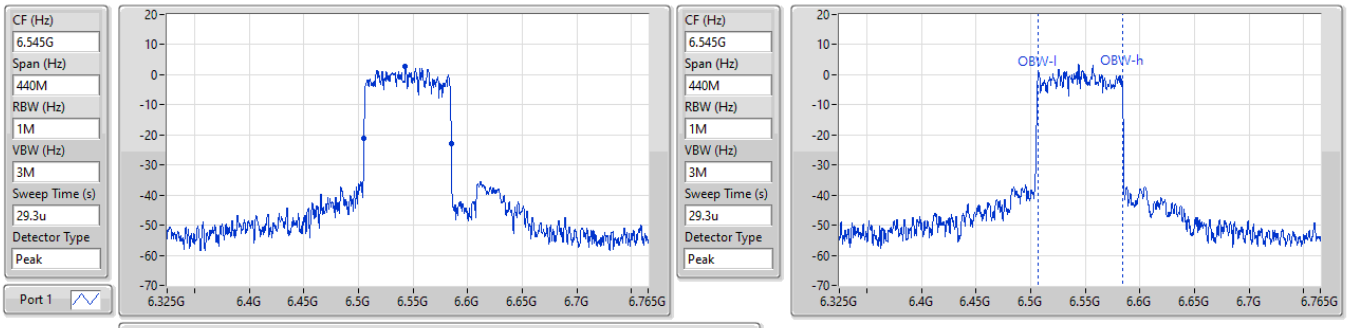


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.08M	6.42474G	6.50482G	76.889M	6.426545G	6.503433G	Inf	1

6.425-6.525GHz_802.11ax HEW80_Nss1,(MCS0)_1TX **EBW**

6545MHz Straddle 6.425-6.525GHz

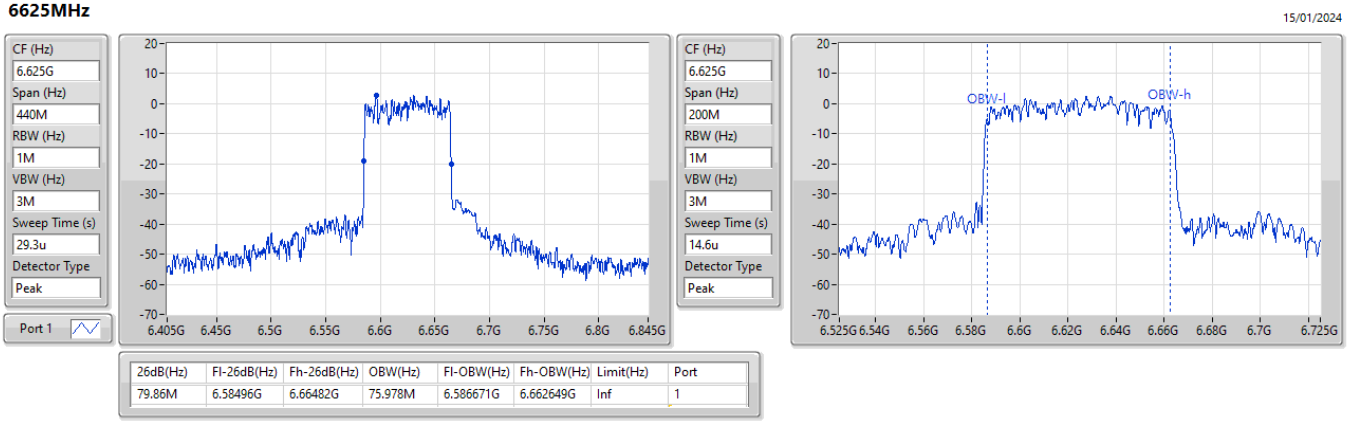
15/01/2024



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.08M	6.50496G	6.58504G	77.308M	6.506408G	6.583716G	Inf	1

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX **EBW**

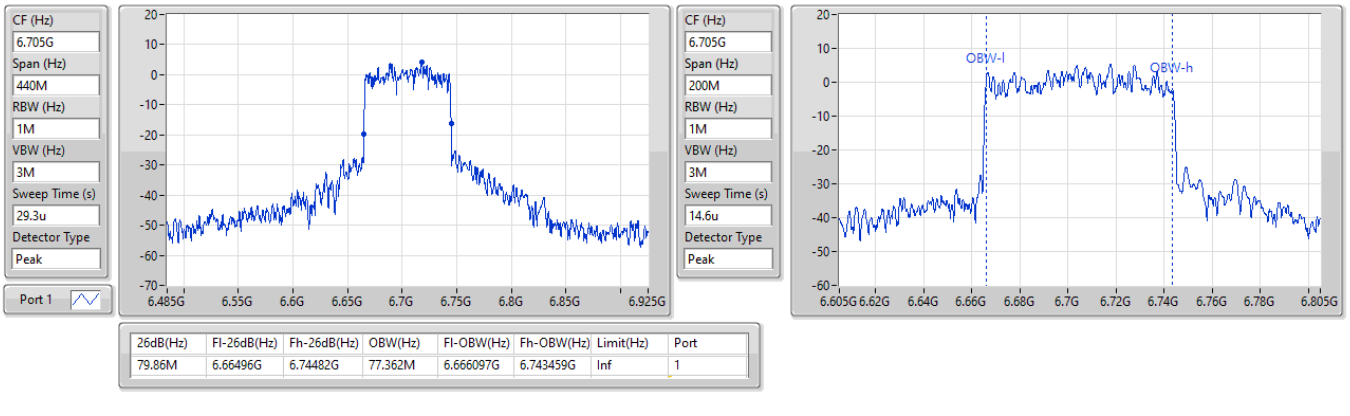
6625MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
79.86M	6.58496G	6.66482G	75.978M	6.586671G	6.662649G	Inf	1

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX **EBW**

6705MHz

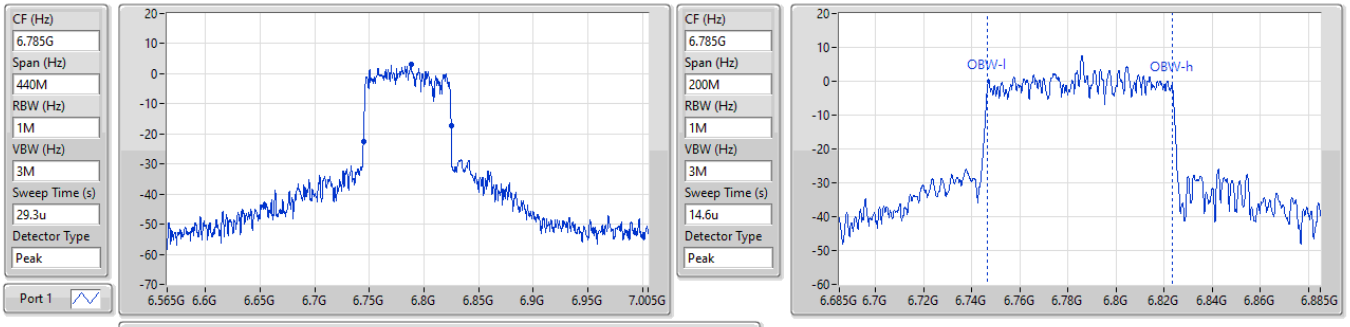


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
79.86M	6.66496G	6.74482G	77.362M	6.666097G	6.743459G	Inf	1

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX **EBW**

6785MHz

15/01/2024

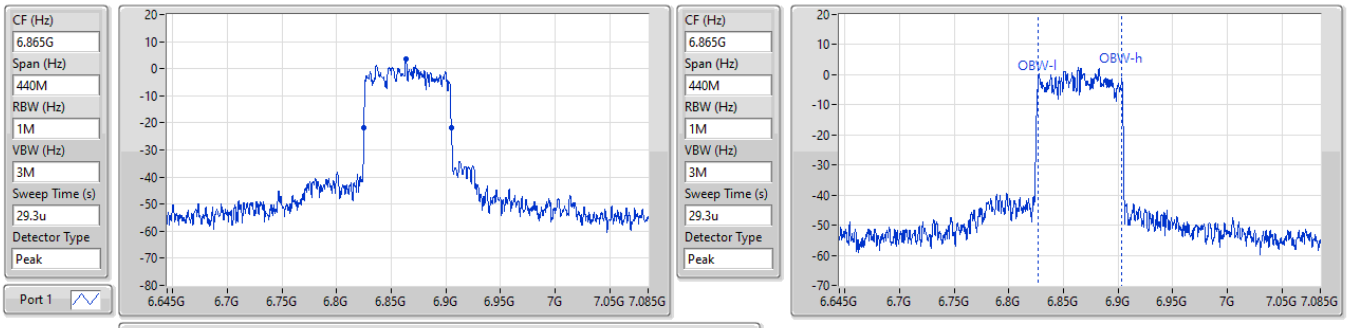


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.08M	6.74474G	6.82482G	76.766M	6.746676G	6.823442G	Inf	1

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX **EBW**

6865MHz Straddle 6.525-6.875GHz

15/01/2024

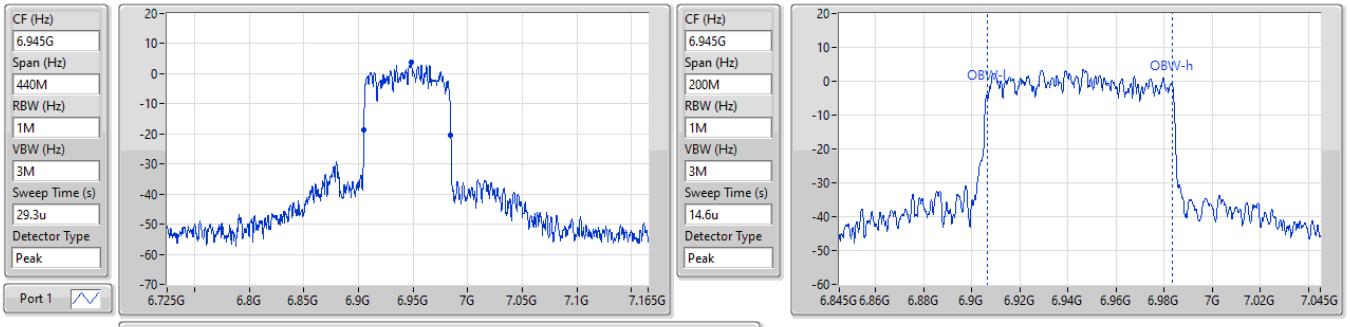


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.08M	6.82496G	6.90504G	77.112M	6.826468G	6.90358G	Inf	1

6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_1TX **EBW**

6945MHz

15/01/2024

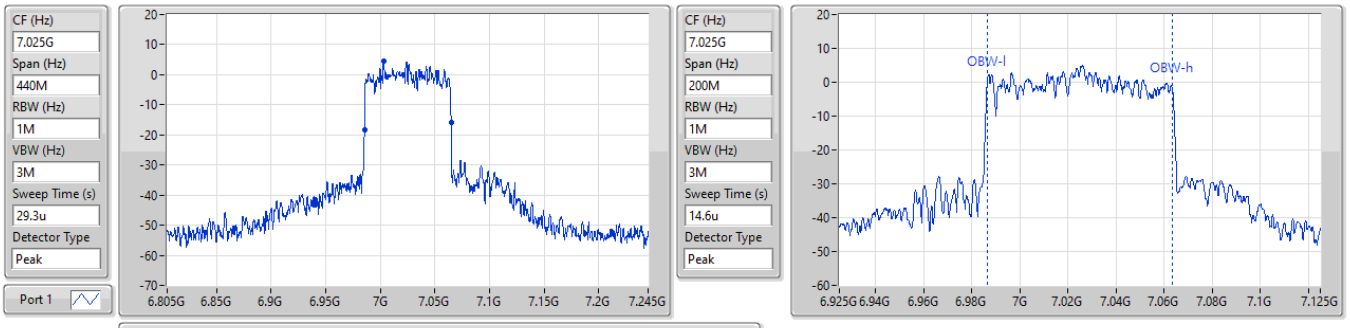


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
79.64M	6.90496G	6.9846G	77.038M	6.906517G	6.983554G	Inf	1

6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_1TX **EBW**

7025MHz

15/01/2024



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
79.42M	6.9854G	7.06482G	76.807M	6.986562G	7.063369G	Inf	1

Summary

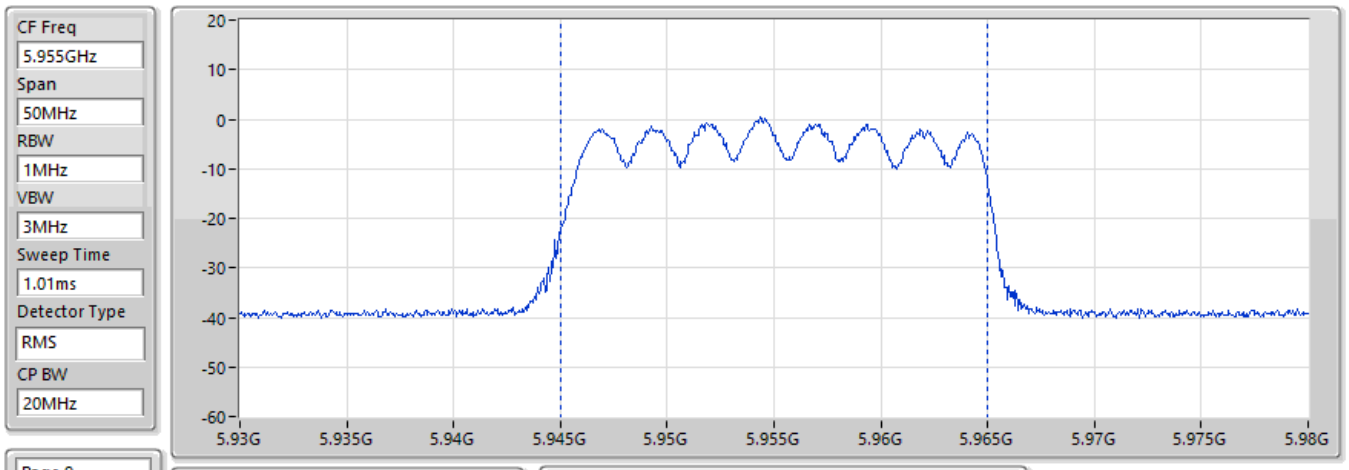
Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	5.05	0.00320	10.05	0.01012
802.11ax HEW40_Nss1,(MCS0)_2TX	7.25	0.00531	12.25	0.01679
802.11ax HEW80_Nss1,(MCS0)_2TX	10.93	0.01239	15.93	0.03917
6.425-6.525GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	4.95	0.00313	9.95	0.00989
802.11ax HEW40_Nss1,(MCS0)_2TX	9.65	0.00923	14.65	0.02917
802.11ax HEW80_Nss1,(MCS0)_2TX	10.90	0.01230	15.90	0.03890
6.525-6.875GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	4.46	0.00279	9.46	0.00883
802.11ax HEW40_Nss1,(MCS0)_2TX	7.12	0.00515	12.12	0.01629
802.11ax HEW80_Nss1,(MCS0)_2TX	9.68	0.00929	14.68	0.02938
6.875-7.125GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	4.51	0.00282	9.51	0.00893
802.11ax HEW40_Nss1,(MCS0)_2TX	8.85	0.00767	13.85	0.02427
802.11ax HEW80_Nss1,(MCS0)_2TX	10.21	0.01050	15.21	0.03319

Result

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-
5955MHz	Pass	10.05	24.00
6195MHz	Pass	9.41	24.00
6415MHz	Pass	8.52	24.00
6435MHz	Pass	7.81	24.00
6475MHz	Pass	9.95	24.00
6515MHz	Pass	9.68	24.00
6535MHz	Pass	9.46	24.00
6695MHz	Pass	9.18	24.00
6875MHz Straddle 6.525-6.875GHz	Pass	8.74	24.00
6895MHz	Pass	9.23	24.00
6995MHz	Pass	9.51	24.00
7095MHz	Pass	9.33	24.00
7115MHz	Pass	8.97	24.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-
5965MHz	Pass	11.47	24.00
6205MHz	Pass	12.25	24.00
6405MHz	Pass	12.21	24.00
6445MHz	Pass	12.57	24.00
6485MHz	Pass	13.55	24.00
6525MHz Straddle 6.425-6.525GHz	Pass	14.65	24.00
6565MHz	Pass	11.08	24.00
6685MHz	Pass	12.12	24.00
6885MHz Straddle 6.525-6.875GHz	Pass	11.90	24.00
6925MHz	Pass	13.85	24.00
7005MHz	Pass	12.35	24.00
7085MHz	Pass	11.72	24.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-
5985MHz	Pass	12.46	24.00
6225MHz	Pass	15.93	24.00
6385MHz	Pass	14.28	24.00
6465MHz	Pass	15.90	24.00
6545MHz Straddle 6.425-6.525GHz	Pass	14.51	24.00
6625MHz	Pass	14.34	24.00
6705MHz	Pass	14.32	24.00
6785MHz	Pass	14.49	24.00
6865MHz Straddle 6.525-6.875GHz	Pass	14.68	24.00
6945MHz	Pass	15.21	24.00
7025MHz	Pass	14.08	24.00

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

EIRP;Band:6.2G;ax20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:5955MHz;TX

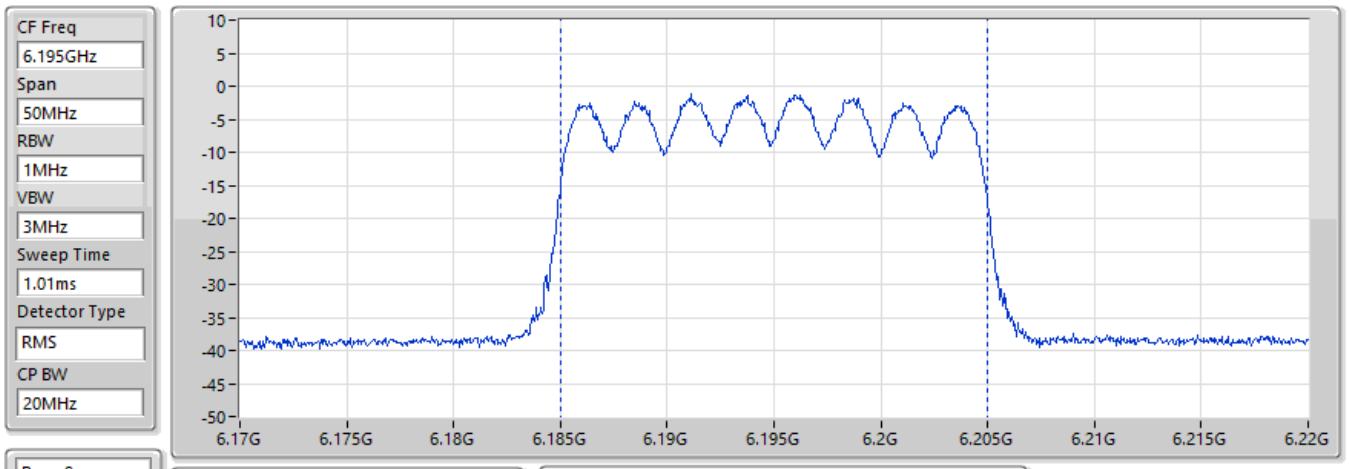


EIRP (dBm)
10.05

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-8.87	13.30	7.66	32.98	57.54

EIRP;Band:6.2G;ax20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6195MHz;TX

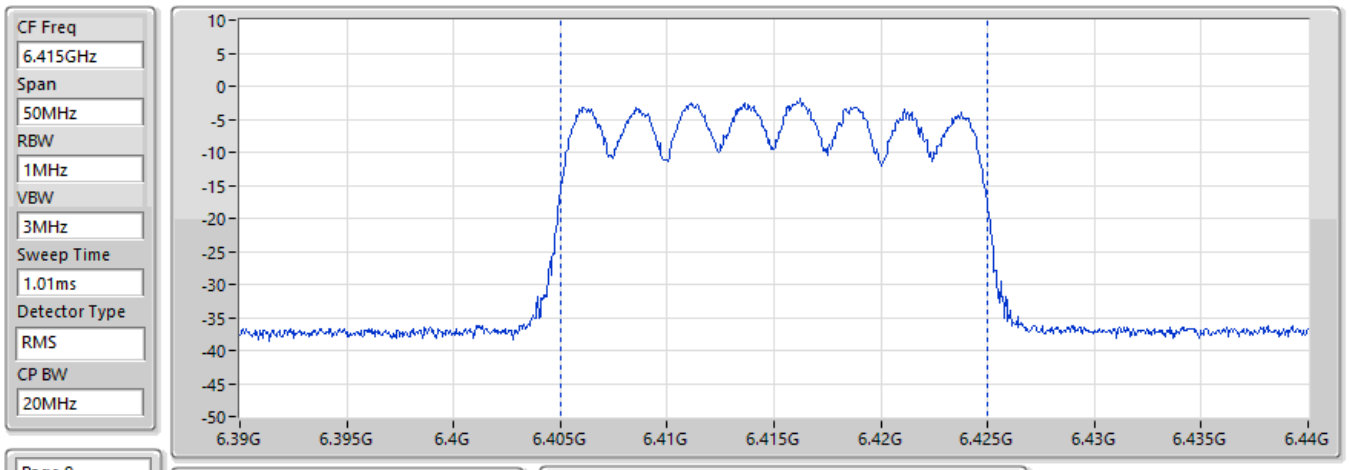


EIRP (dBm)
9.41

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-9.96	13.21	7.72	33.02	57.88

EIRP;Band:6.2G;ax20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6415MHz;TX

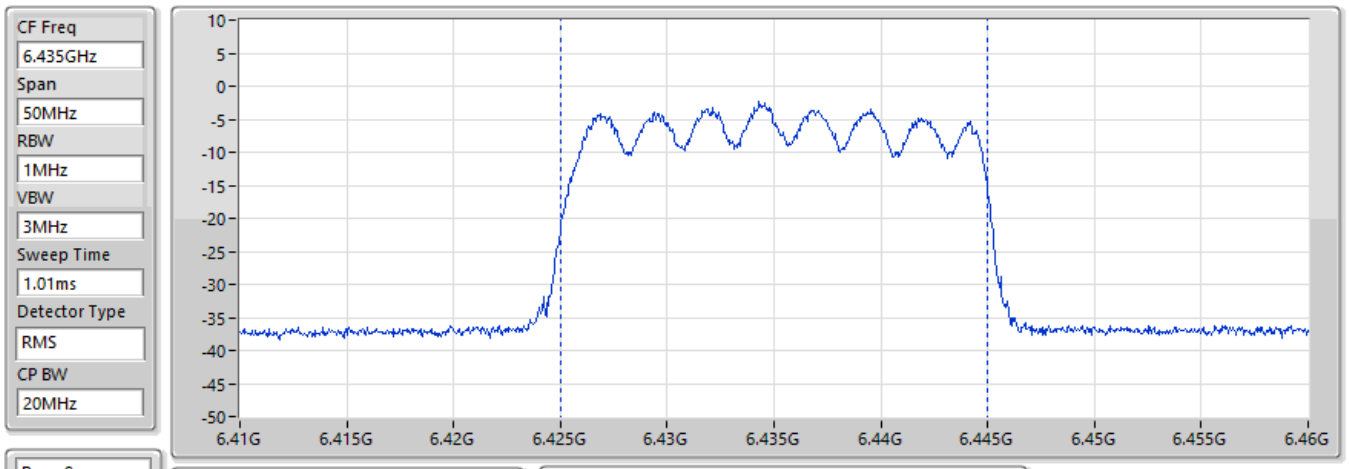


EIRP (dBm)
8.52

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-11.87	12.74	7.98	33.04	58.19

EIRP;Band:6.4G;ax20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6435MHz;TX

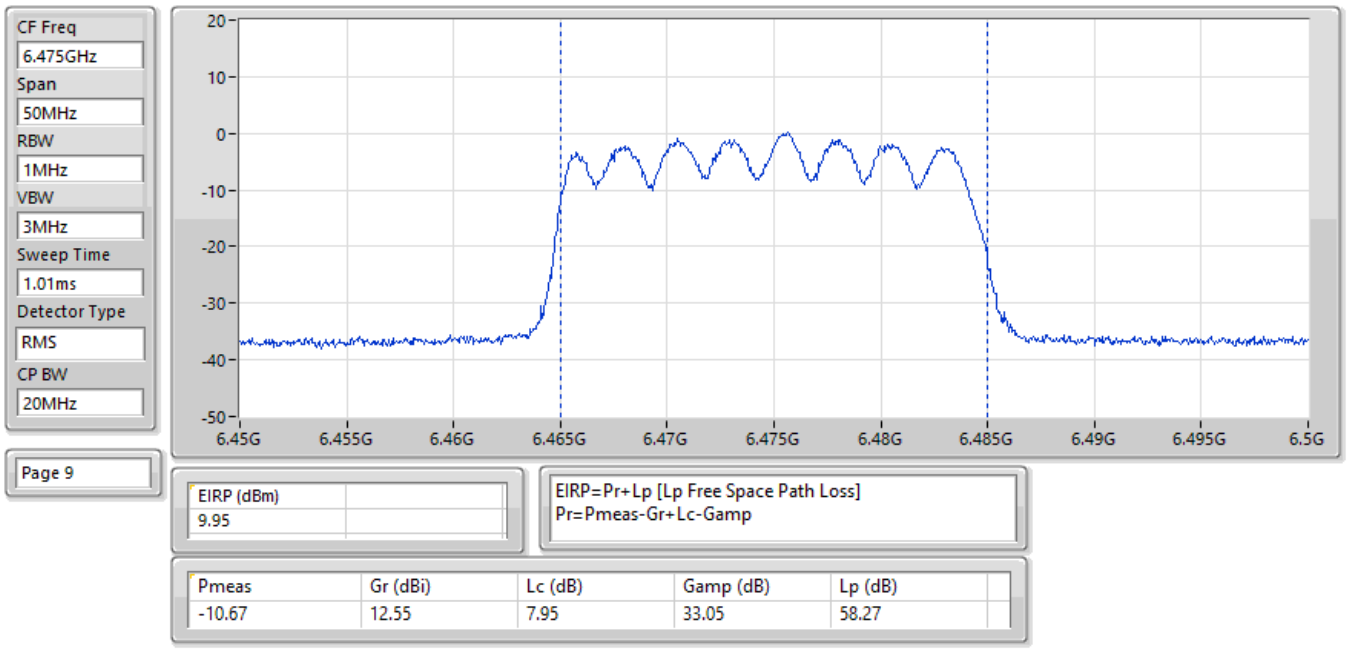


EIRP (dBm)
7.81

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-12.67	12.66	7.97	33.04	58.21

EIRP;Band:6.4G;ax20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6475MHz;TX

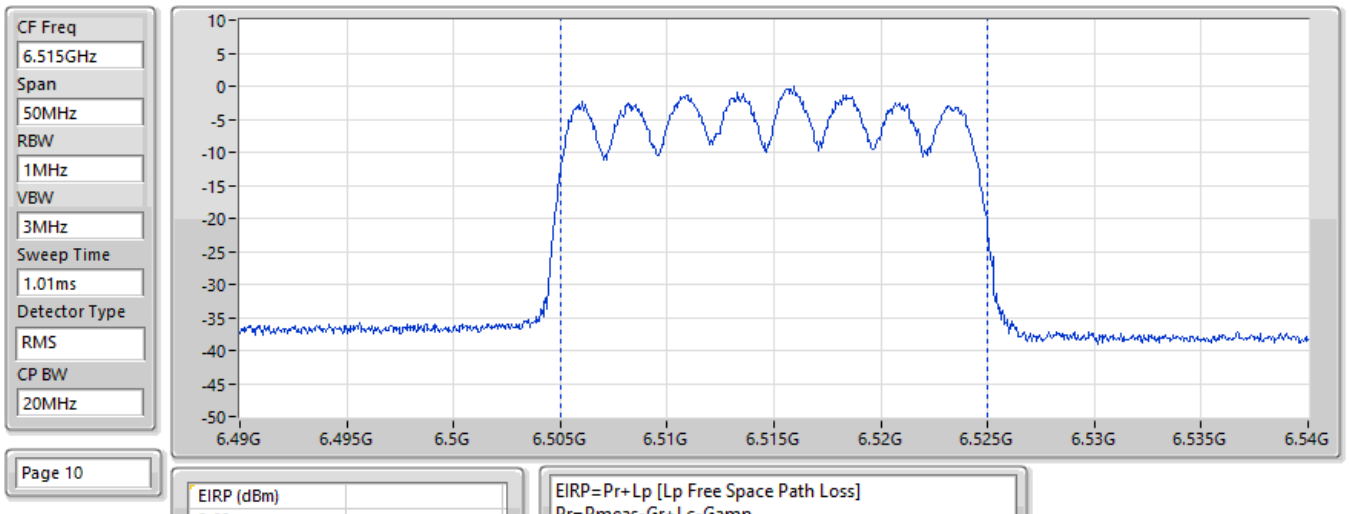


EIRP (dBm)
9.95

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-10.67	12.55	7.95	33.05	58.27

EIRP;Band:6.4G;ax20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6515MHz;TX

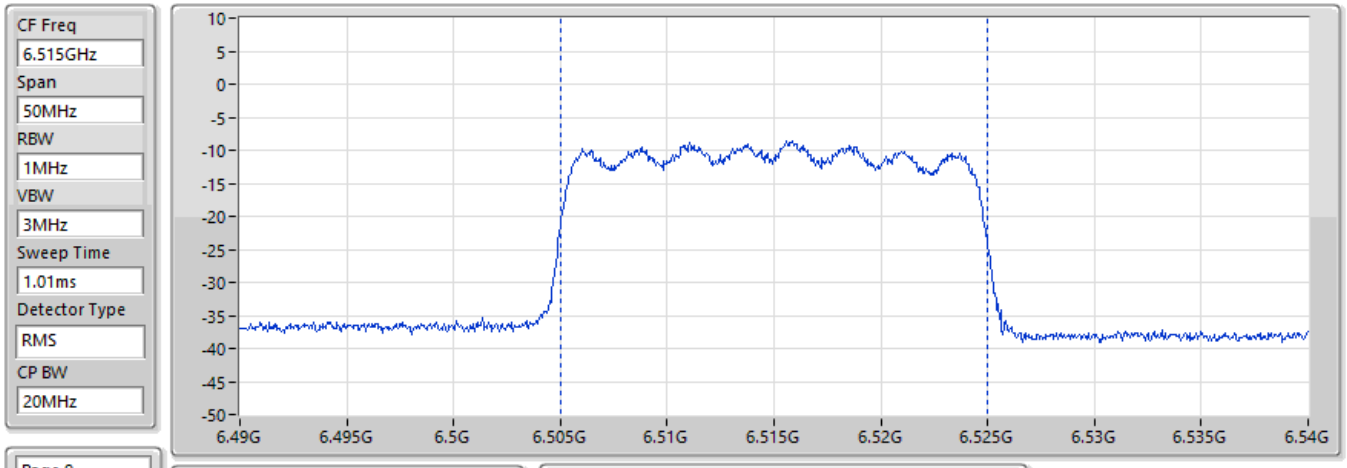


EIRP (dBm)
9.68

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-11.04	12.47	7.92	33.05	58.32

EIRP;Band:6.4G;ax20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6515MHz;TX

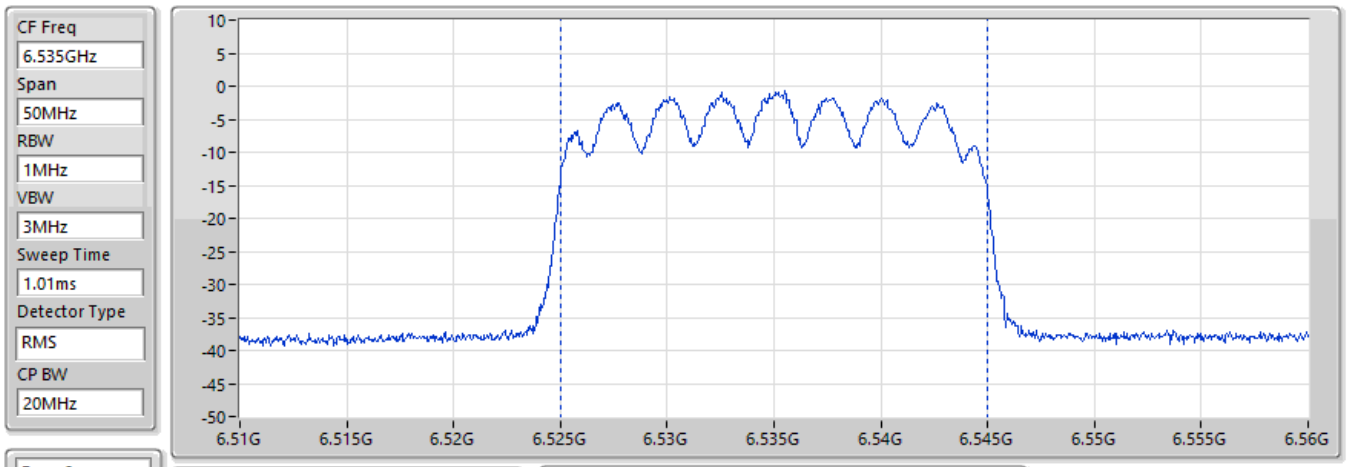


EIRP (dBm)
3.04

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-17.68	12.47	7.92	33.05	58.32

EIRP;Band:6.7G;ax20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6535MHz;TX

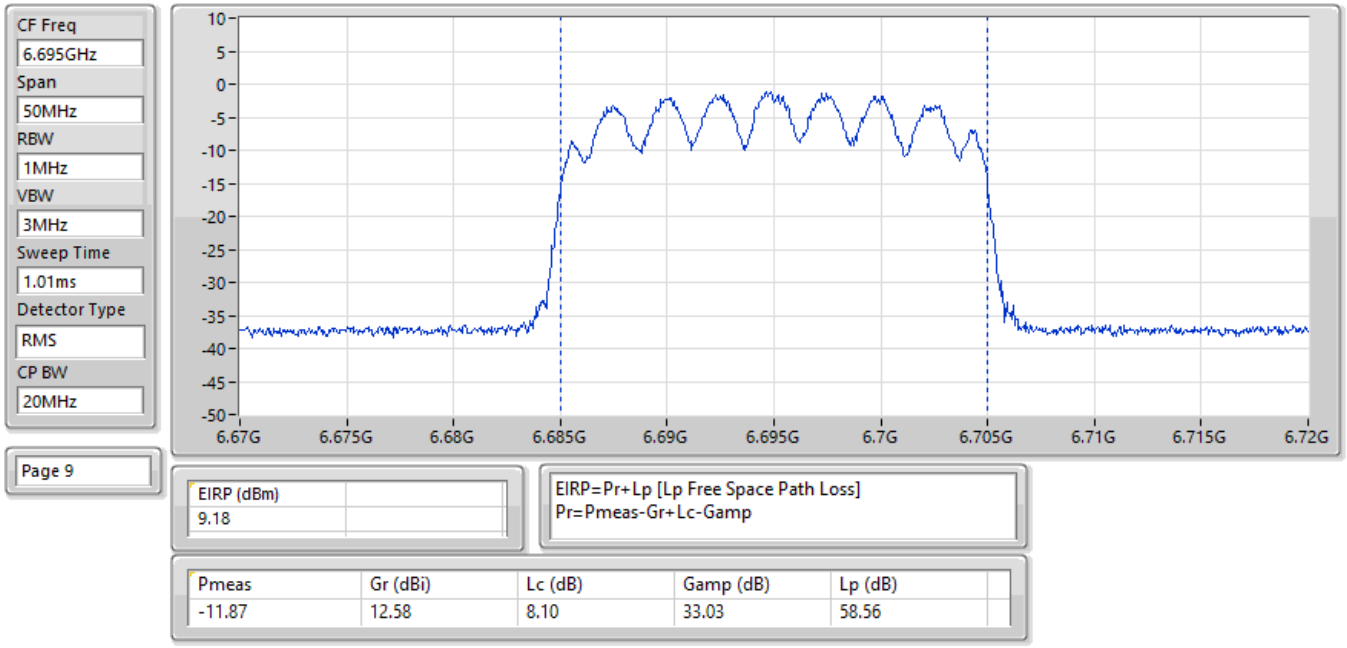


EIRP (dBm)
9.46

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-11.32	12.43	7.91	33.05	58.35

EIRP;Band:6.7G;ax20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6695MHz;TX

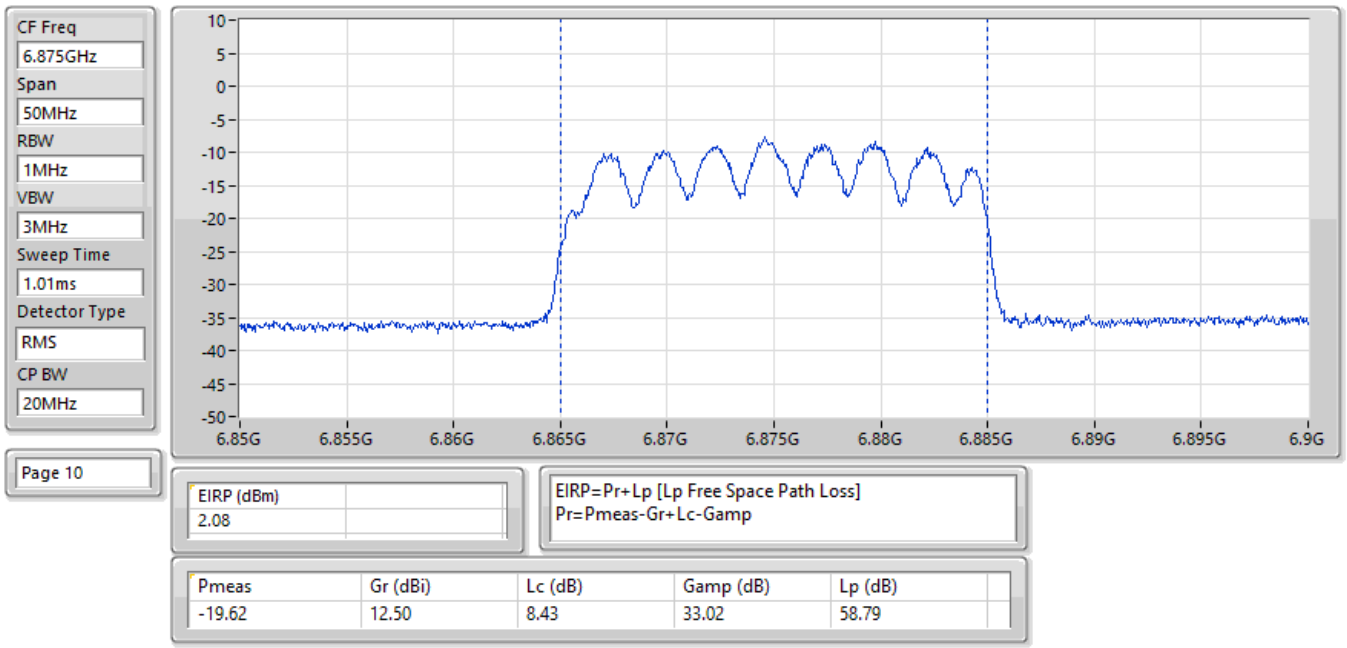


EIRP (dBm)
9.18

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-11.87	12.58	8.10	33.03	58.56

EIRP;Band:6.7G;ax20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6875MHz;TX

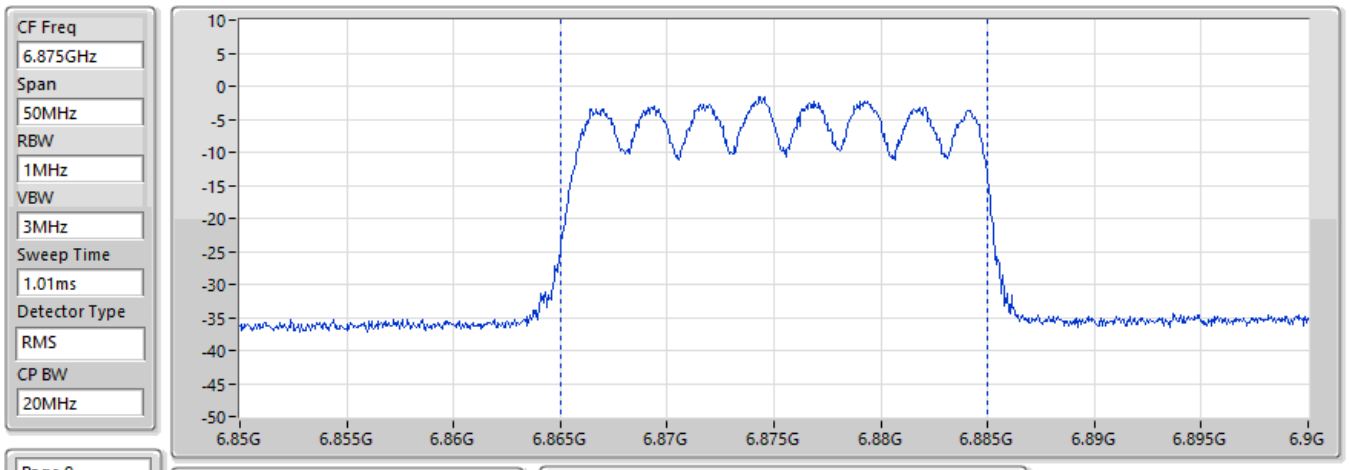


EIRP (dBm)
2.08

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-19.62	12.50	8.43	33.02	58.79

EIRP;Band:6.7G;ax20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6875MHz;TX



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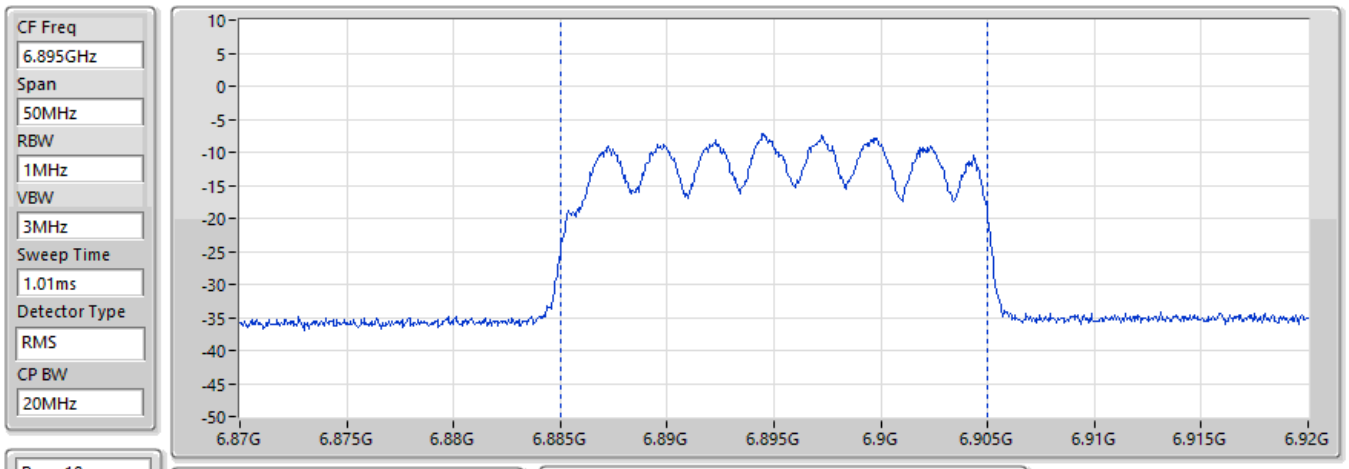
EIRP (dBm)
8.74

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-12.96	12.50	8.43	33.02	58.79

EIRP;Band:7.0G;ax20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6895MHz;TX



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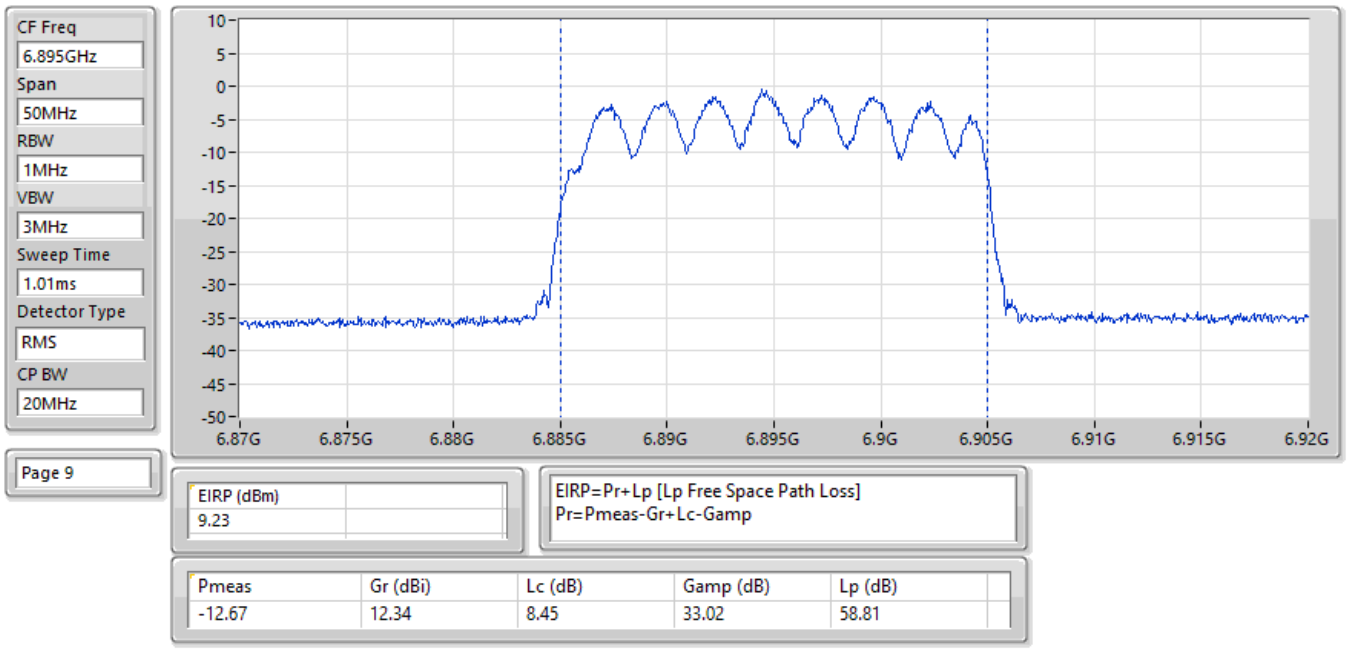
EIRP (dBm)
2.85

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-19.05	12.34	8.45	33.02	58.81

EIRP;Band:7.0G;ax20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6895MHz;TX

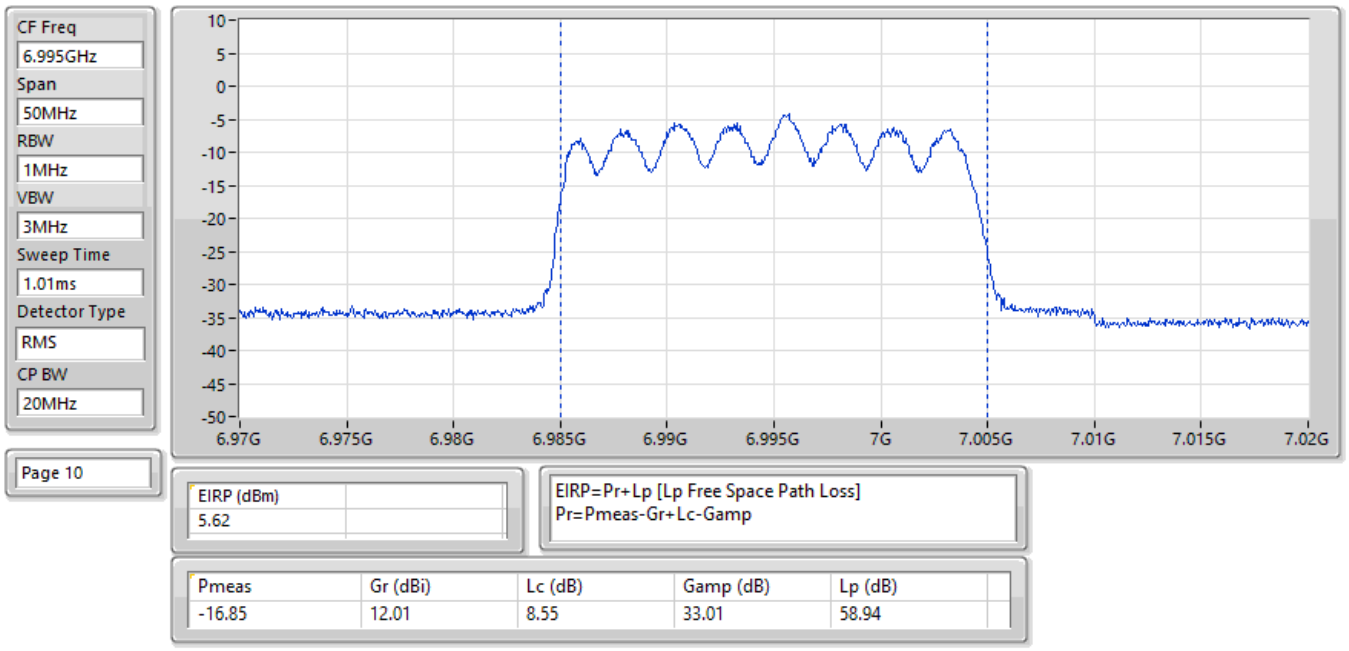


EIRP (dBm)
9.23

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-12.67	12.34	8.45	33.02	58.81

EIRP;Band:7.0G;ax20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6995MHz;TX

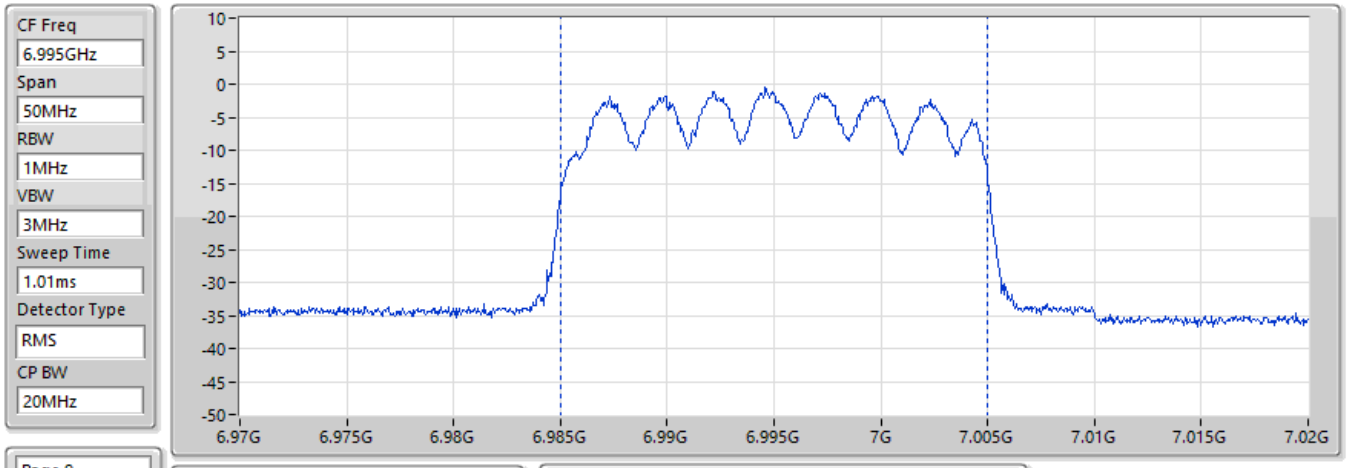


EIRP (dBm)
5.62

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-16.85	12.01	8.55	33.01	58.94

EIRP;Band:7.0G;ax20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6995MHz;TX



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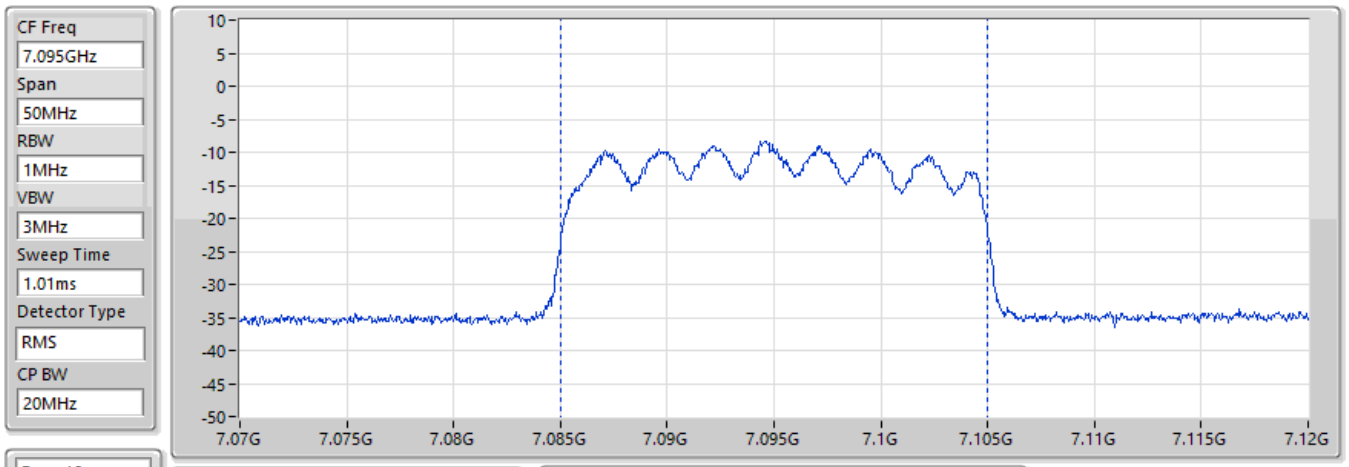
EIRP (dBm)
9.51

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-12.96	12.01	8.55	33.01	58.94

EIRP;Band:7.0G;ax20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:7095MHz;TX



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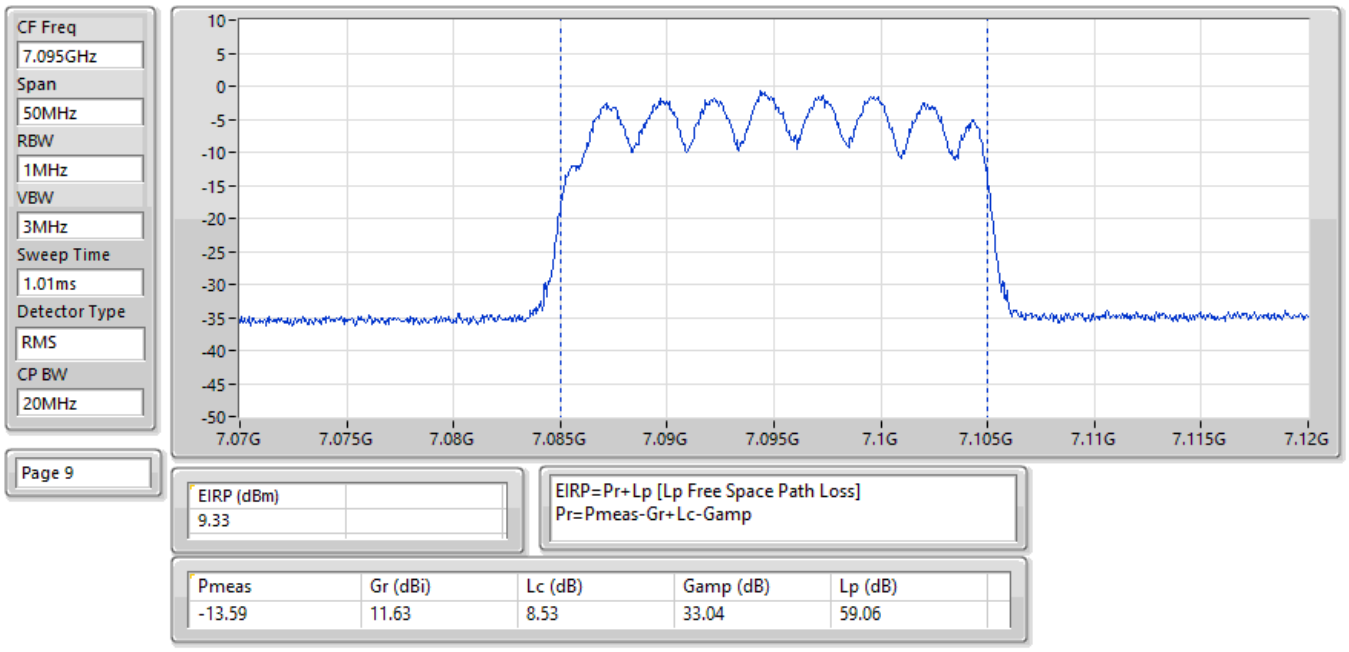
EIRP (dBm)
2.26

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-20.66	11.63	8.53	33.04	59.06

EIRP;Band:7.0G;ax20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:7095MHz;TX

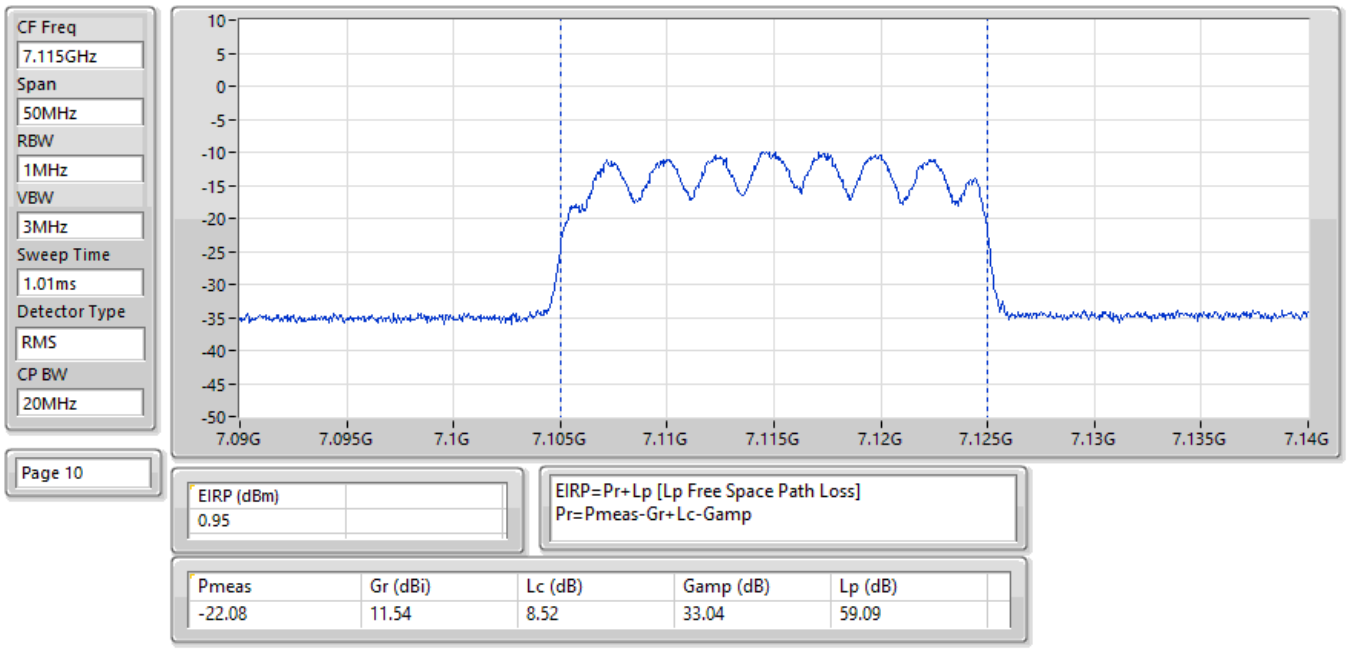


EIRP (dBm)
9.33

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-13.59	11.63	8.53	33.04	59.06

EIRP;Band:7.0G;ax20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:7115MHz;TX

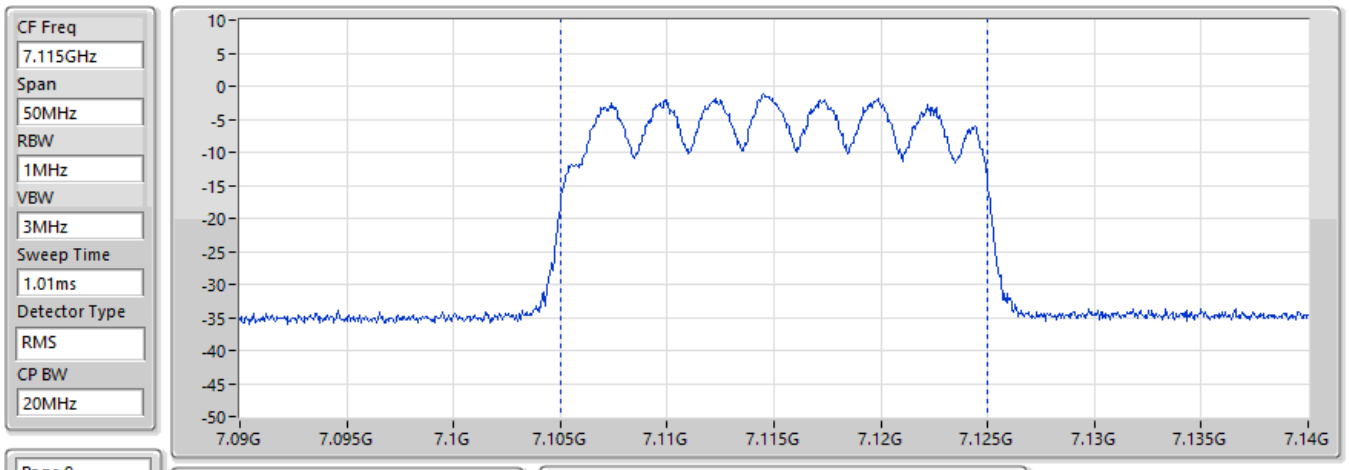


EIRP (dBm)
0.95

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-22.08	11.54	8.52	33.04	59.09

EIRP;Band:7.0G;ax20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:7115MHz;TX



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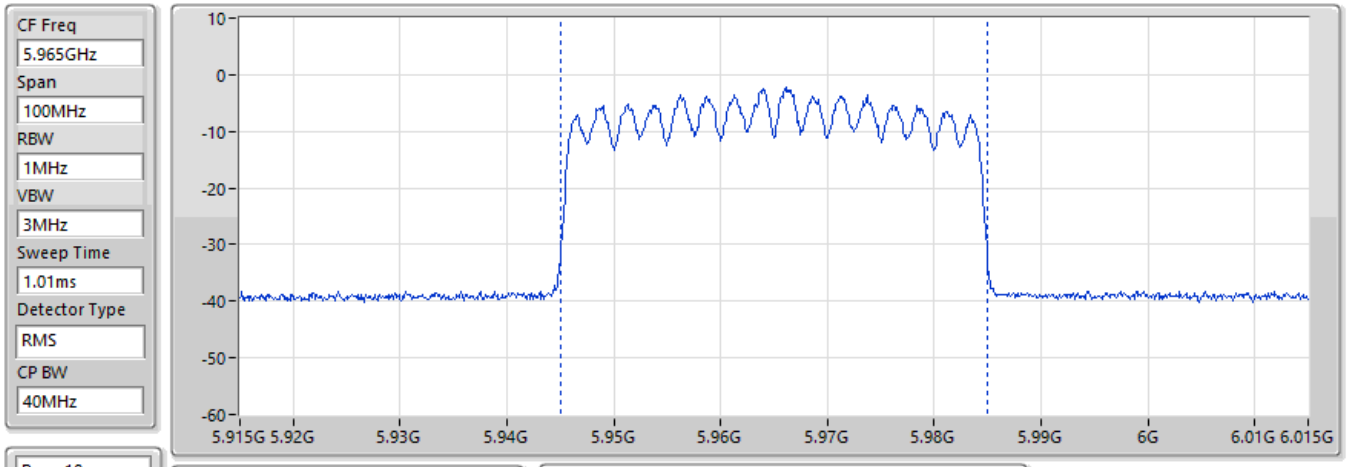
EIRP (dBm)
8.97

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-14.06	11.54	8.52	33.04	59.09

EIRP;Band:6.2G;ax40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:5965MHz;TX



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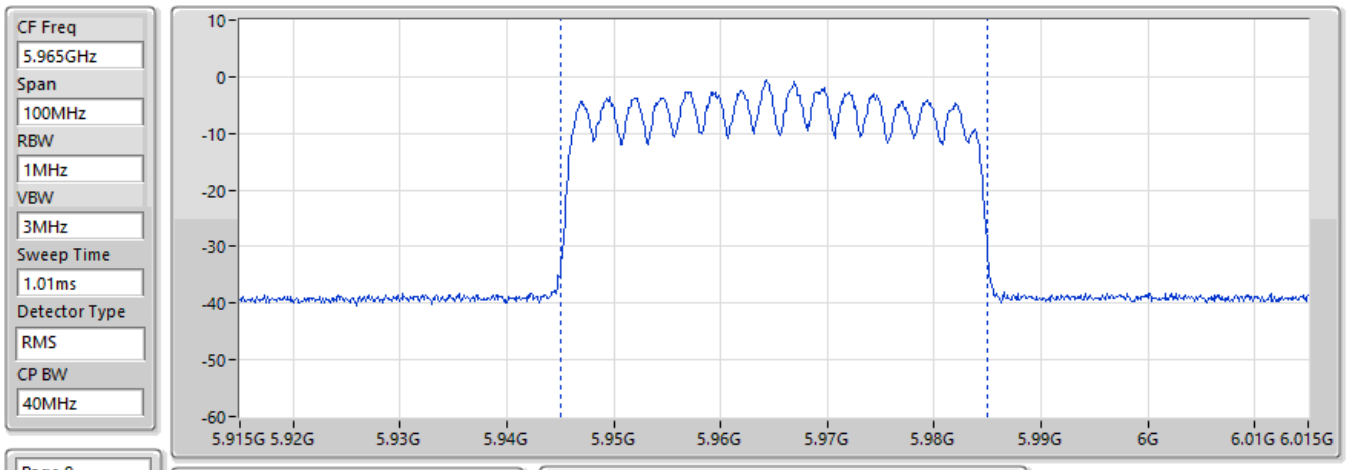
EIRP (dBm)
10.09

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-8.83	13.30	7.66	32.99	57.55

EIRP;Band:6.2G;ax40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:5965MHz;TX



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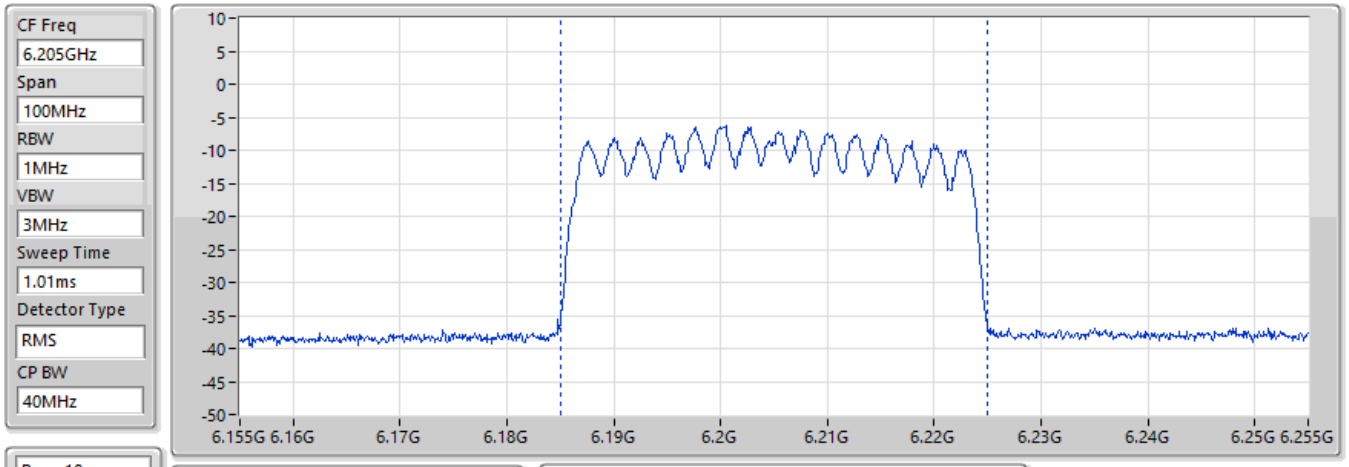
EIRP (dBm)
11.47

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-7.45	13.30	7.66	32.99	57.55

EIRP;Band:6.2G;ax40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6205MHz;TX



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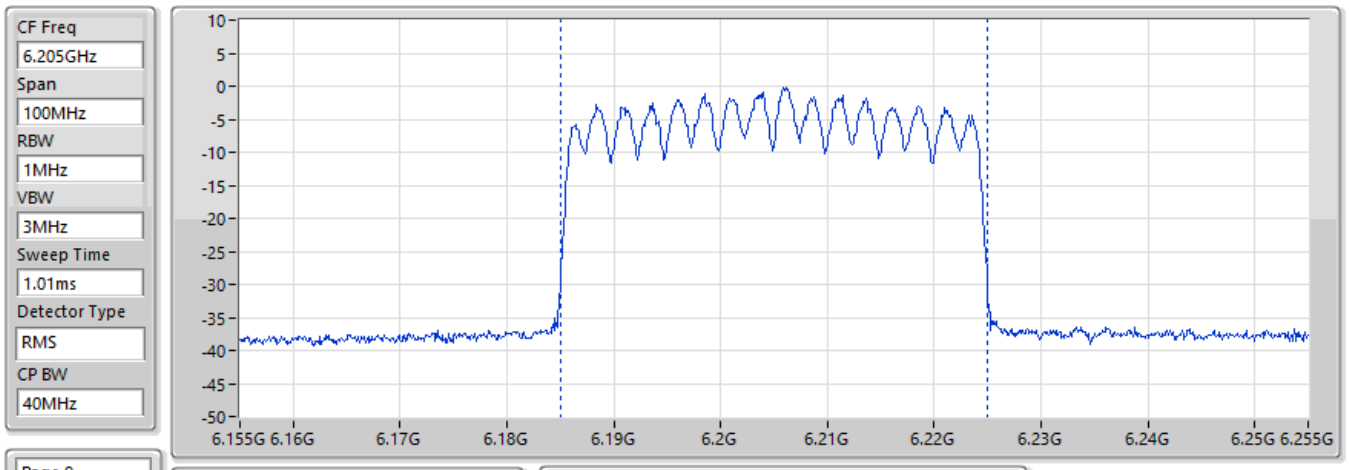
EIRP (dBm)
7

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-12.42	13.19	7.73	33.02	57.90

EIRP;Band:6.2G;ax40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6205MHz;TX



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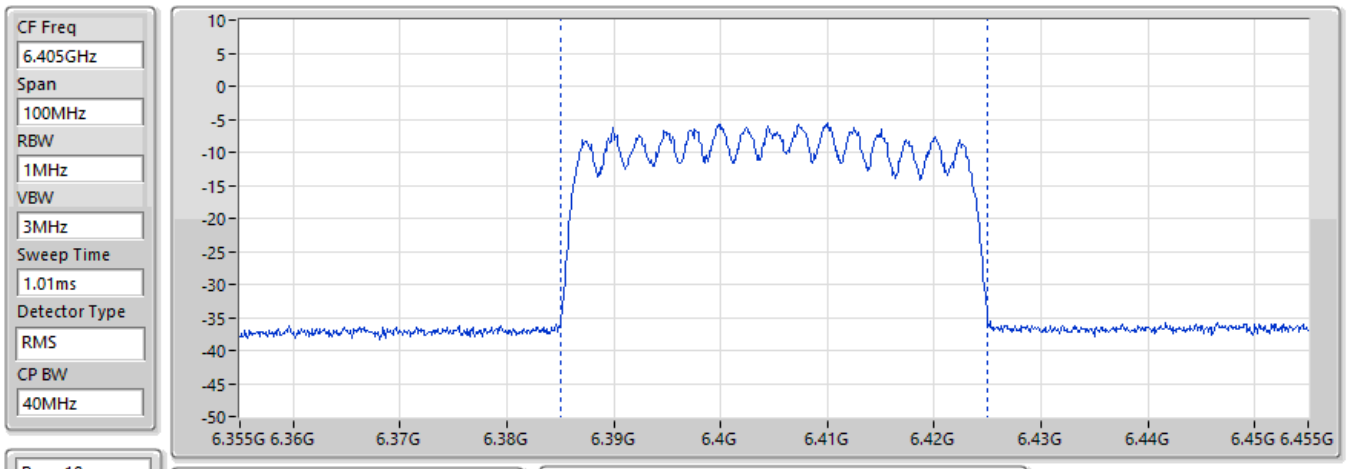
EIRP (dBm)
12.25

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-7.17	13.19	7.73	33.02	57.90

EIRP;Band:6.2G;ax40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6405MHz;TX



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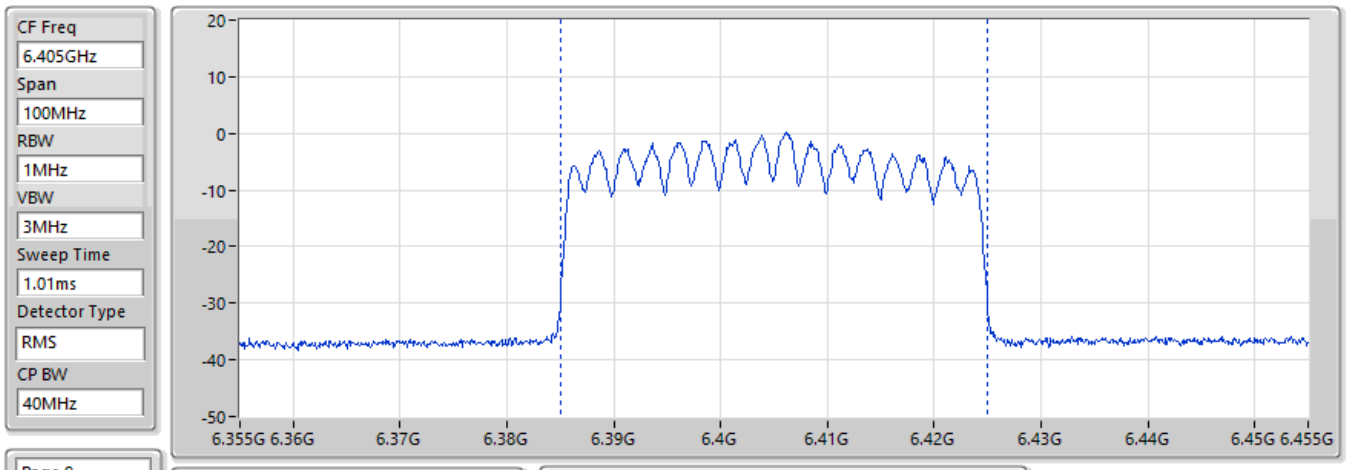
EIRP (dBm)
8.02

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-12.32	12.78	7.99	33.04	58.17

EIRP;Band:6.2G;ax40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6405MHz;TX



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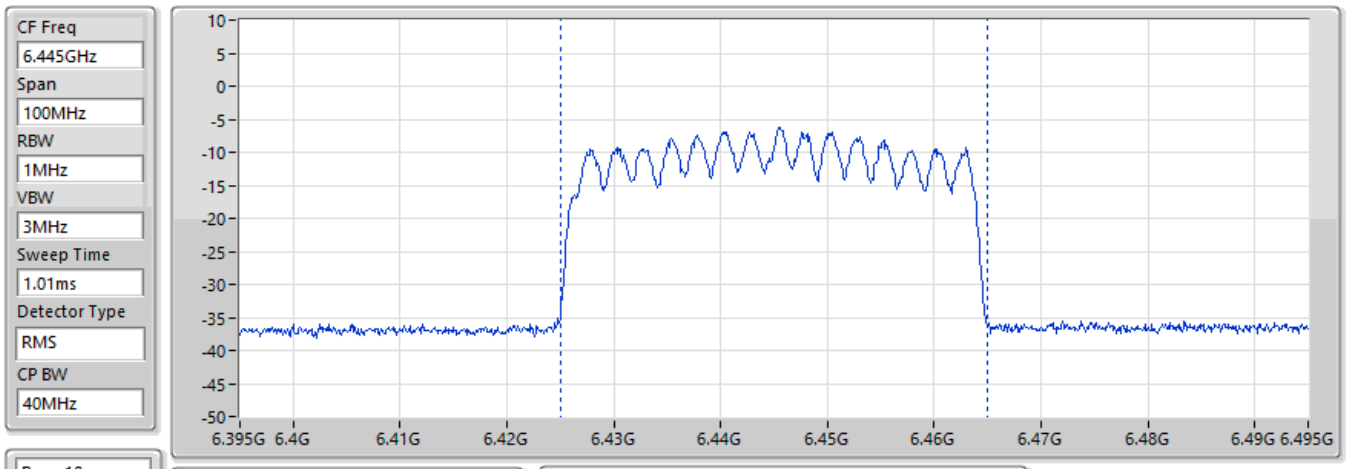
EIRP (dBm)
12.21

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-8.13	12.78	7.99	33.04	58.17

EIRP;Band:6.4G;ax40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6445MHz;TX



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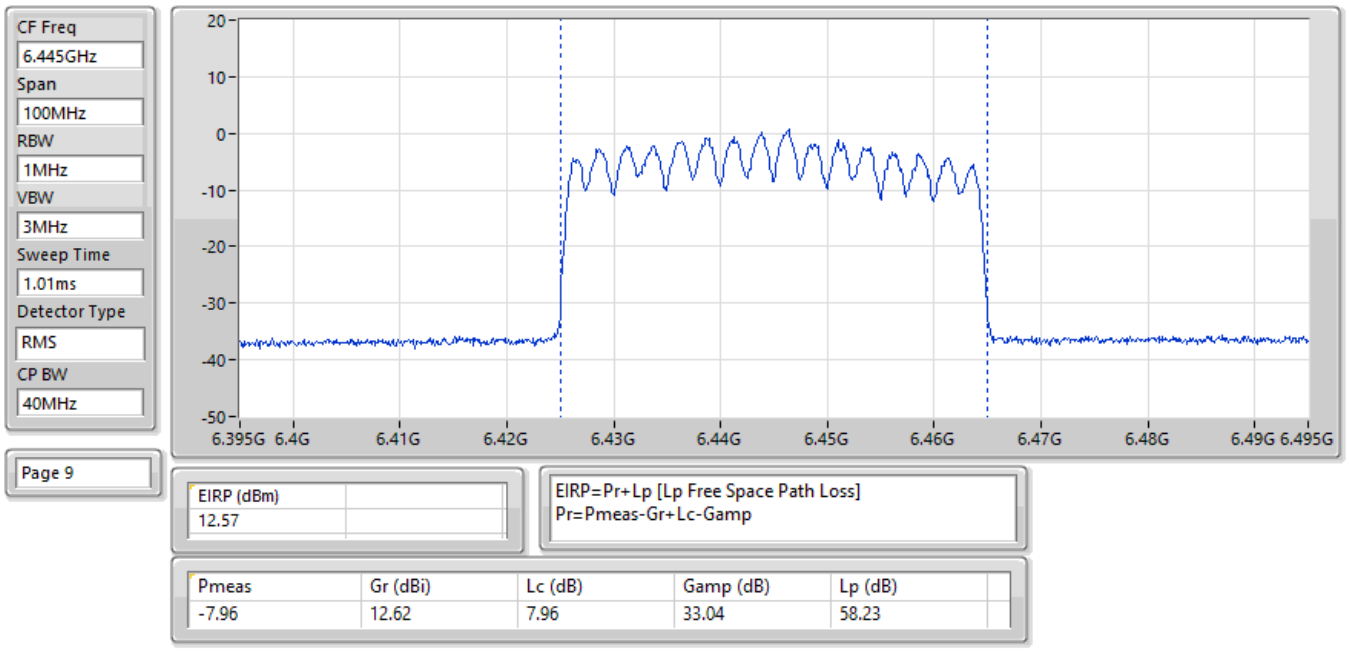
EIRP (dBm)
6.57

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-13.96	12.62	7.96	33.04	58.23

EIRP;Band:6.4G;ax40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6445MHz;TX

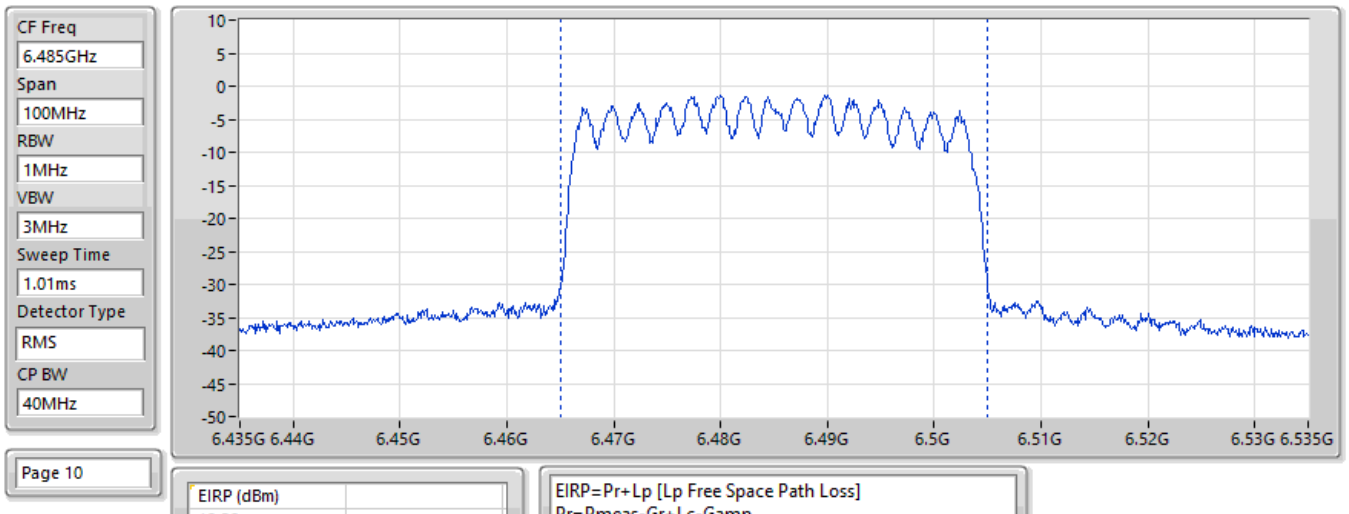


EIRP (dBm)
12.57

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-7.96	12.62	7.96	33.04	58.23

EIRP;Band:6.4G;ax40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6485MHz;TX

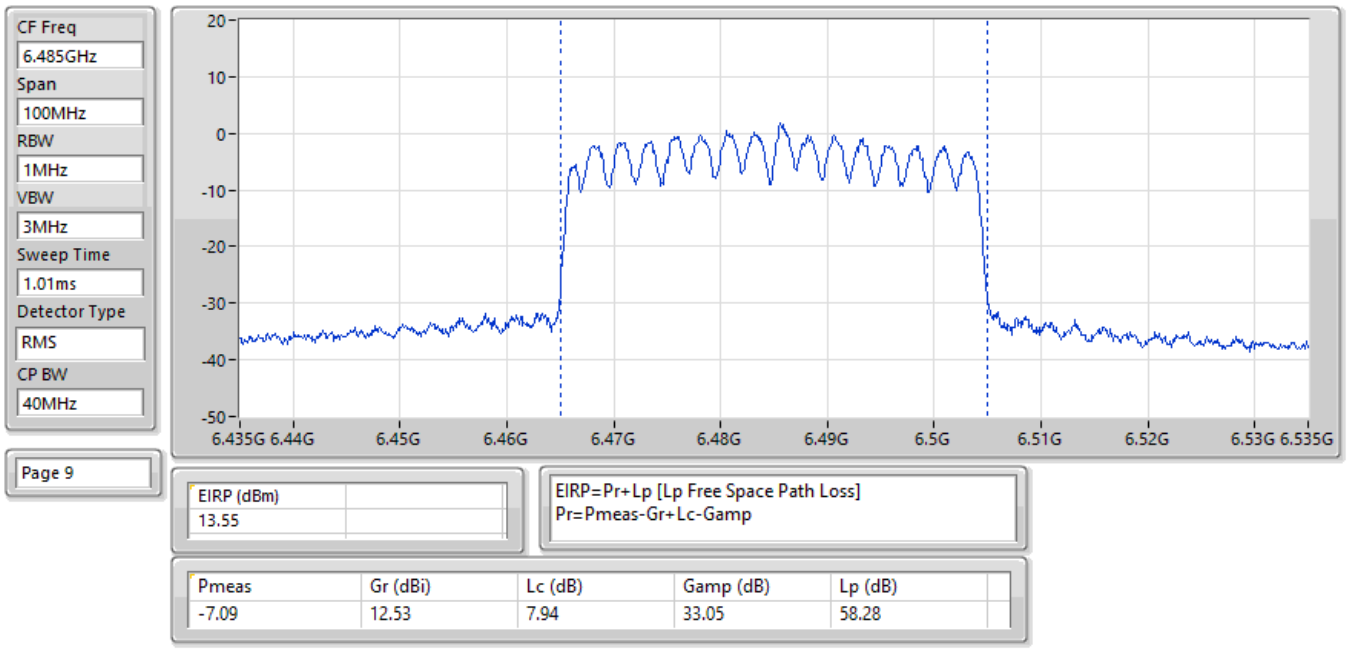


EIRP (dBm)
12.38

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-8.26	12.53	7.94	33.05	58.28

EIRP;Band:6.4G;ax40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6485MHz;TX

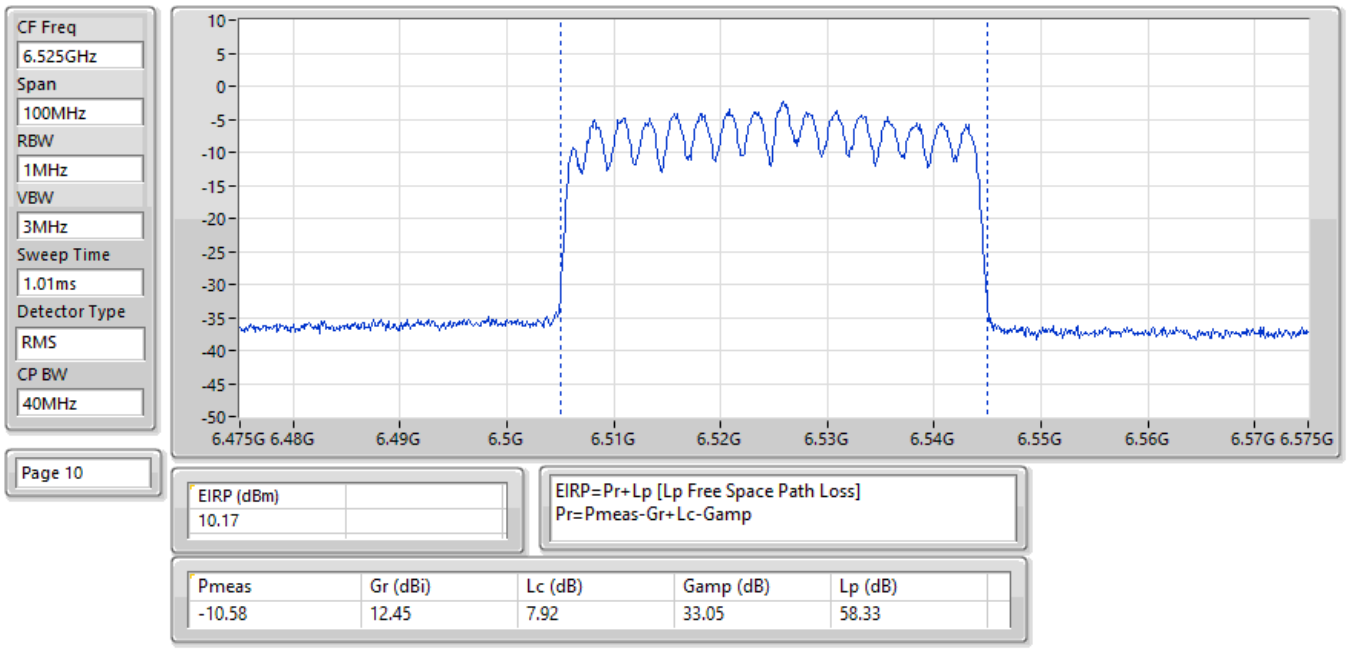


EIRP (dBm)
13.55

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-7.09	12.53	7.94	33.05	58.28

EIRP;Band:6.4G;ax40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6525MHz;TX

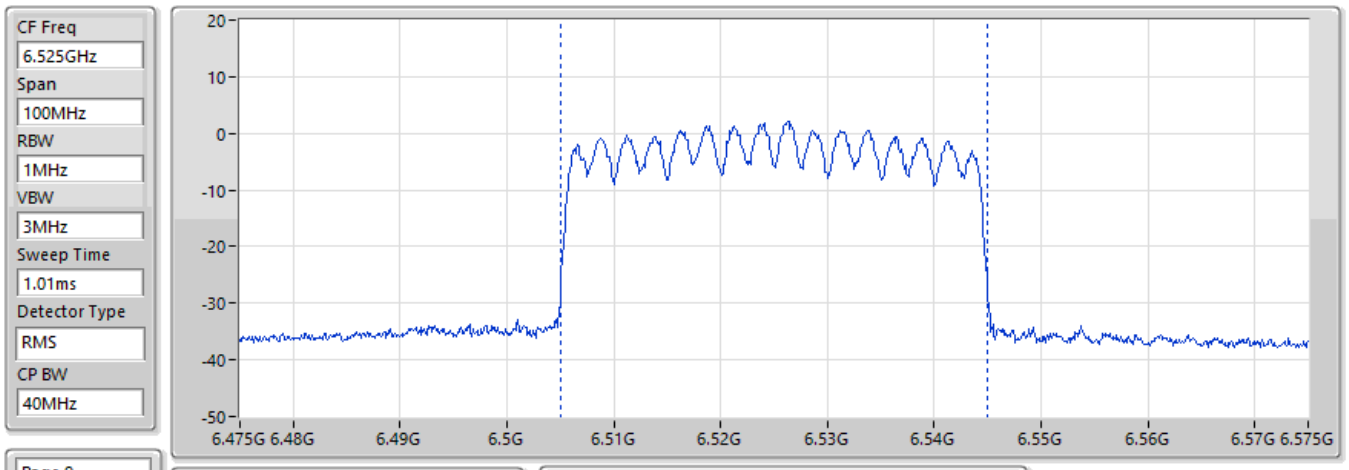


EIRP (dBm)
10.17

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-10.58	12.45	7.92	33.05	58.33

EIRP;Band:6.4G;ax40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6525MHz;TX



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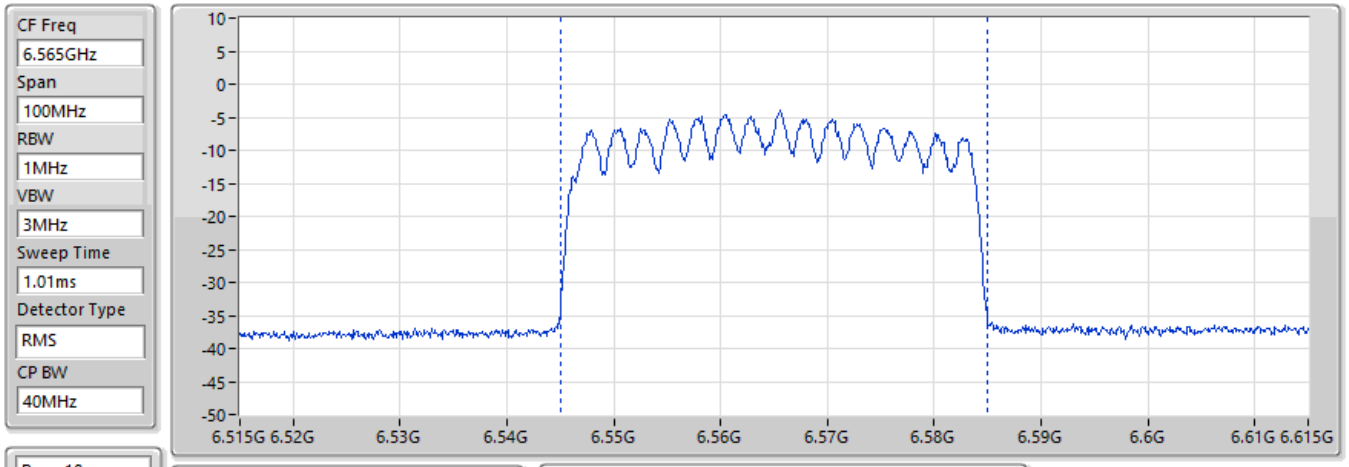
EIRP (dBm)
14.65

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-6.10	12.45	7.92	33.05	58.33

EIRP;Band:6.7G;ax40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6565MHz;TX



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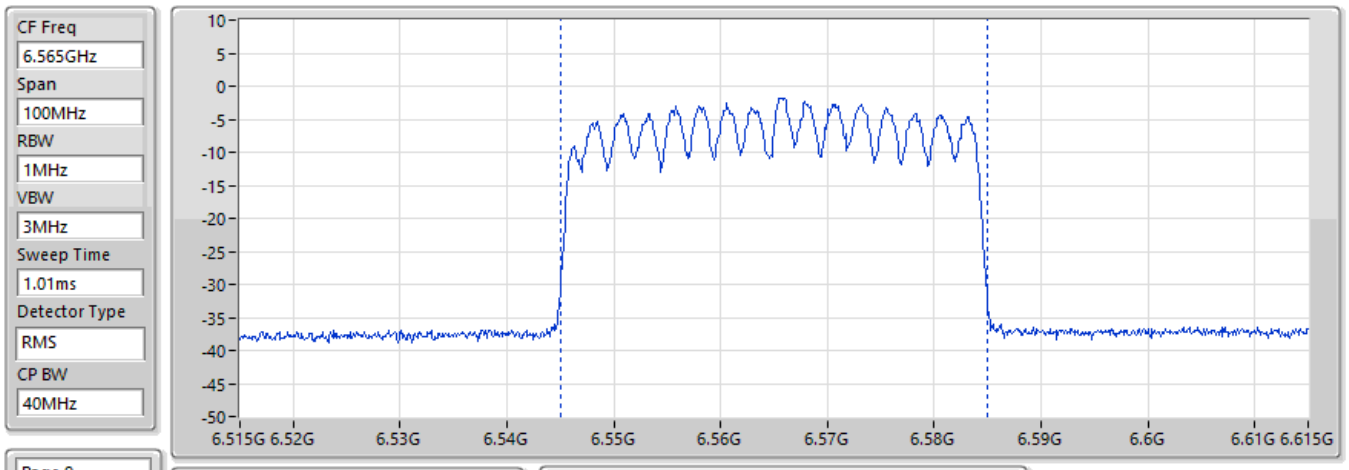
EIRP (dBm)
8.81

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-12.06	12.37	7.89	33.04	58.39

EIRP;Band:6.7G;ax40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6565MHz;TX



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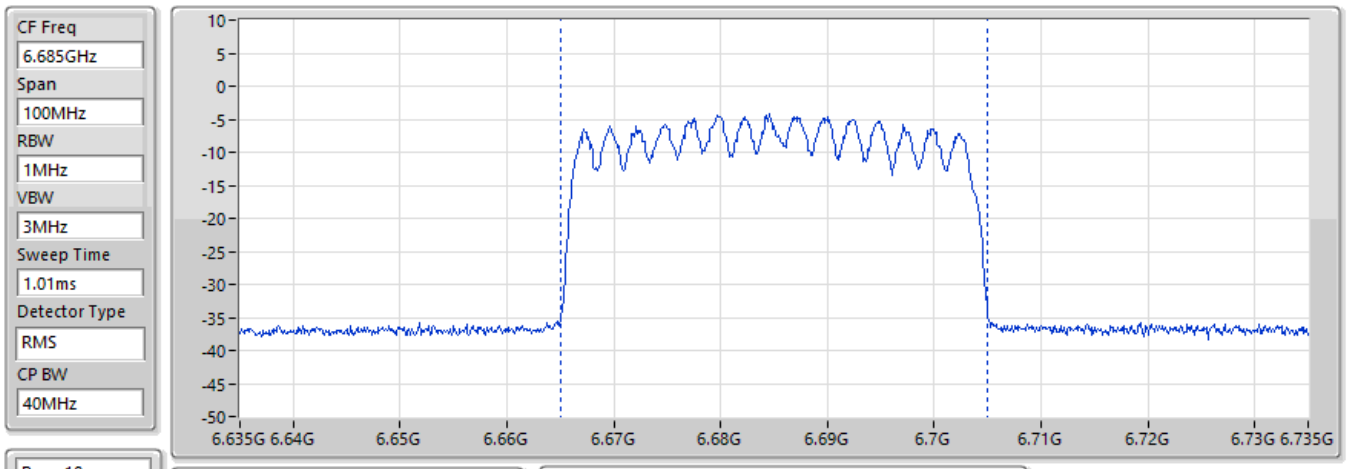
EIRP (dBm)
11.08

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-9.79	12.37	7.89	33.04	58.39

EIRP;Band:6.7G;ax40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6685MHz;TX



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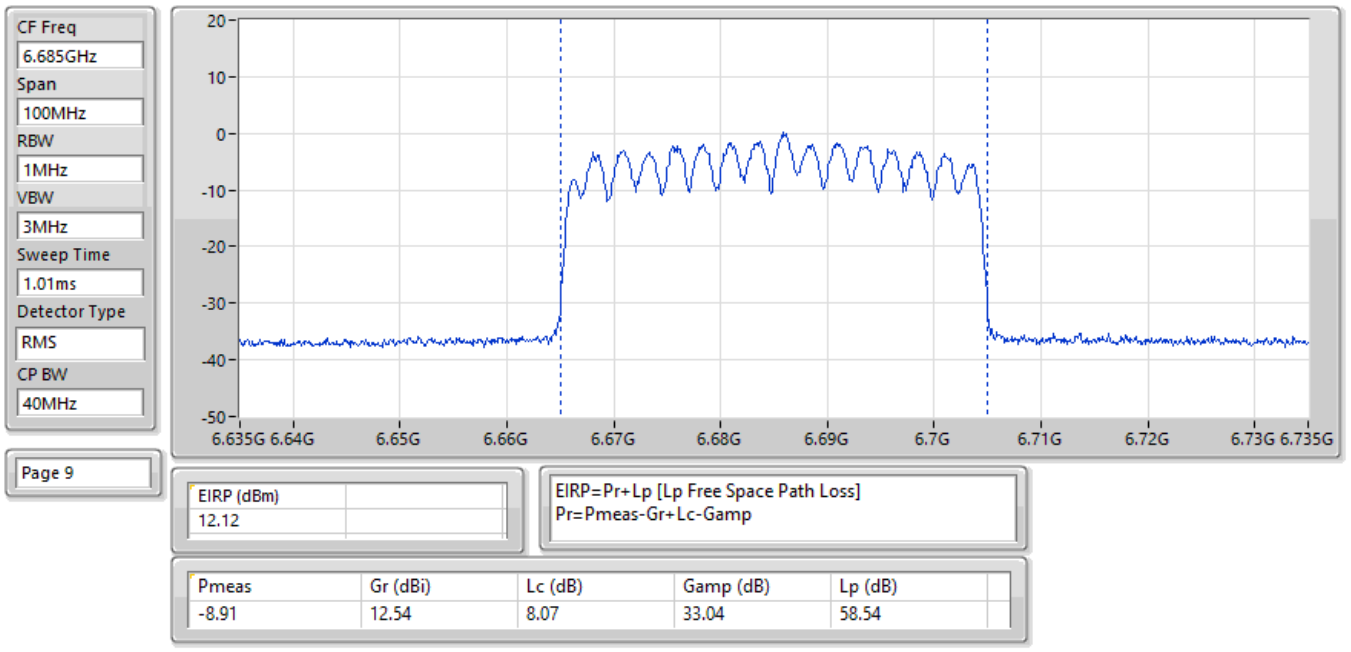
EIRP (dBm)
9.31

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-11.72	12.54	8.07	33.04	58.54

EIRP;Band:6.7G;ax40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6685MHz;TX

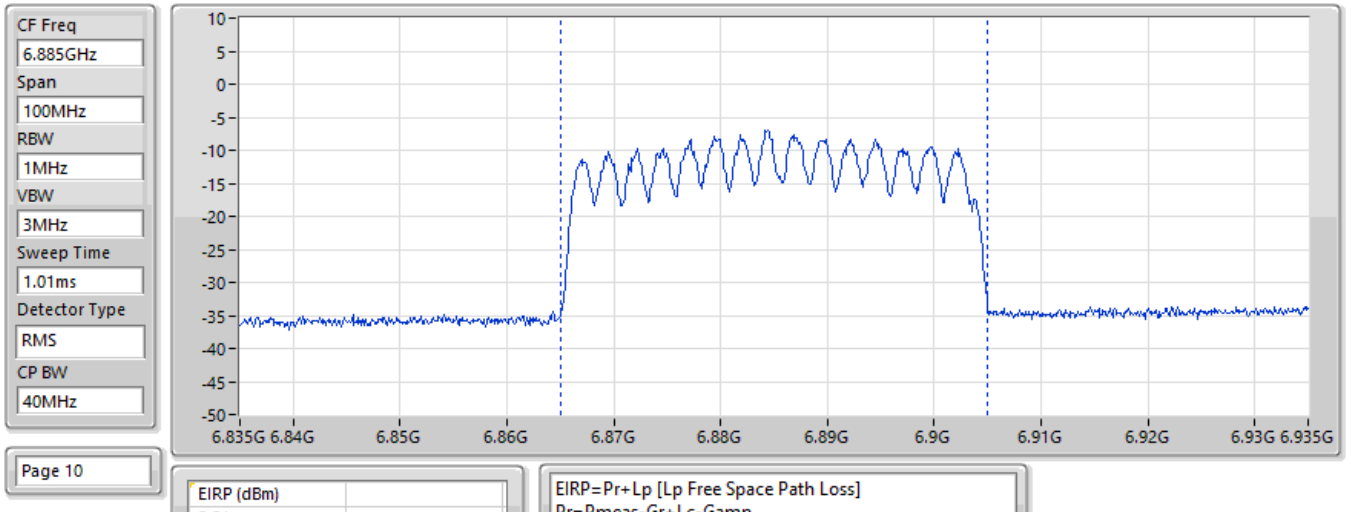


EIRP (dBm)
12.12

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-8.91	12.54	8.07	33.04	58.54

EIRP;Band:6.7G;ax40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6885MHz;TX

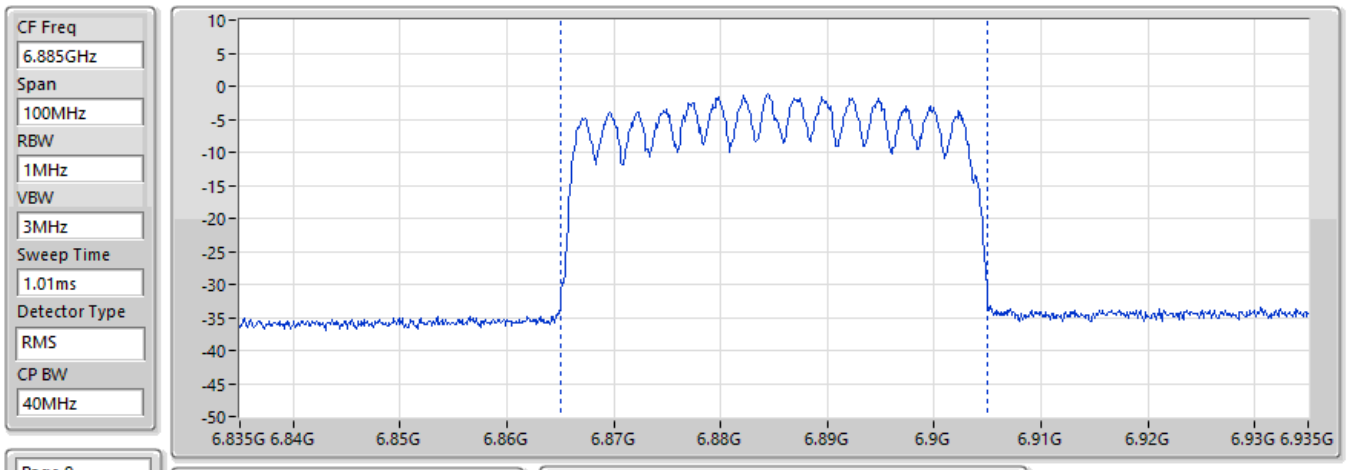


EIRP (dBm)
5.51

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-16.29	12.42	8.44	33.02	58.80

EIRP;Band:6.7G;ax40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6885MHz;TX



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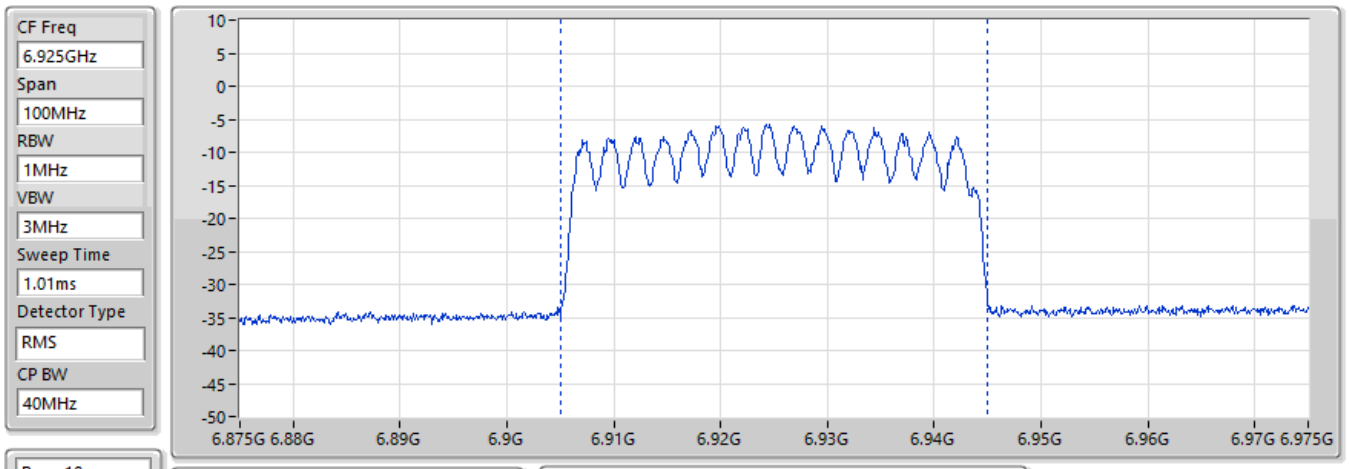
EIRP (dBm)
11.9

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-9.90	12.42	8.44	33.02	58.80

EIRP;Band:7.0G;ax40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6925MHz;TX



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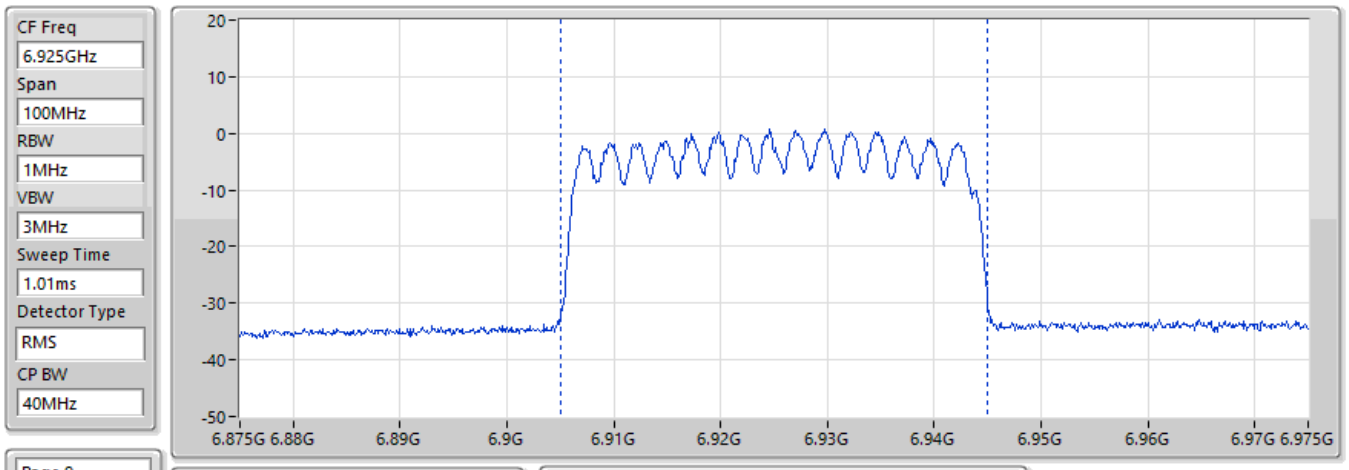
EIRP (dBm)
7.51

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-14.60	12.20	8.48	33.02	58.85

EIRP;Band:7.0G;ax40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6925MHz;TX

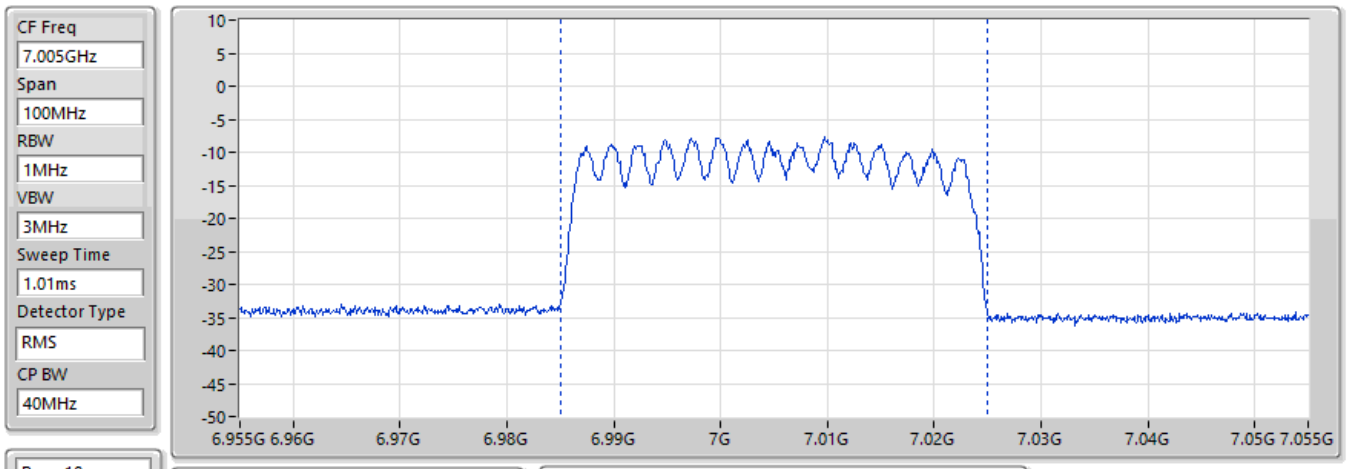


EIRP (dBm)
13.85

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-8.26	12.20	8.48	33.02	58.85

EIRP;Band:7.0G;ax40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:7005MHz;TX

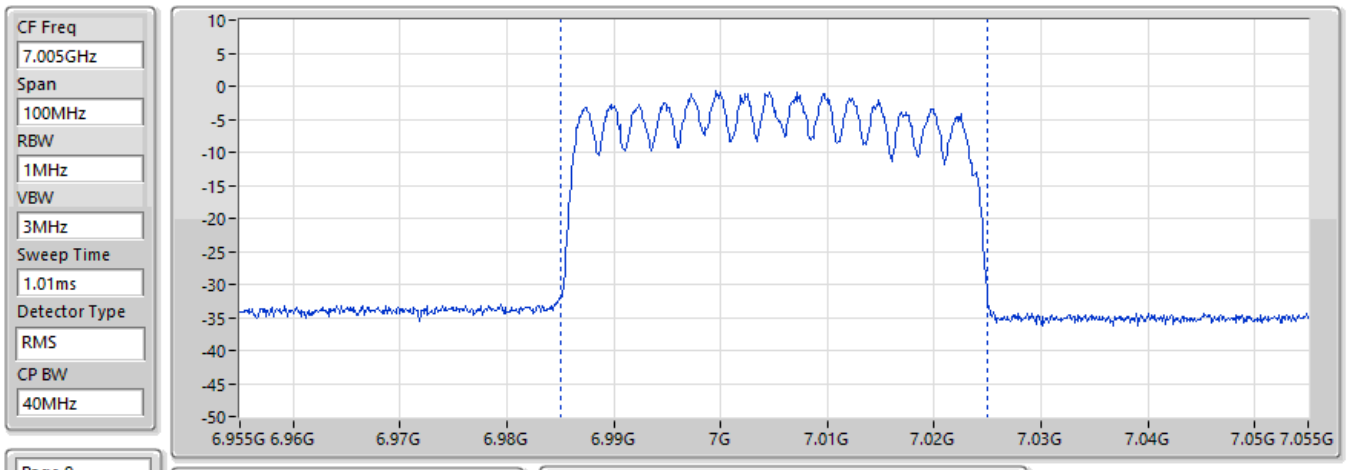


EIRP (dBm)
6.02

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-16.49	11.99	8.56	33.01	58.95

EIRP;Band:7.0G;ax40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:7005MHz;TX

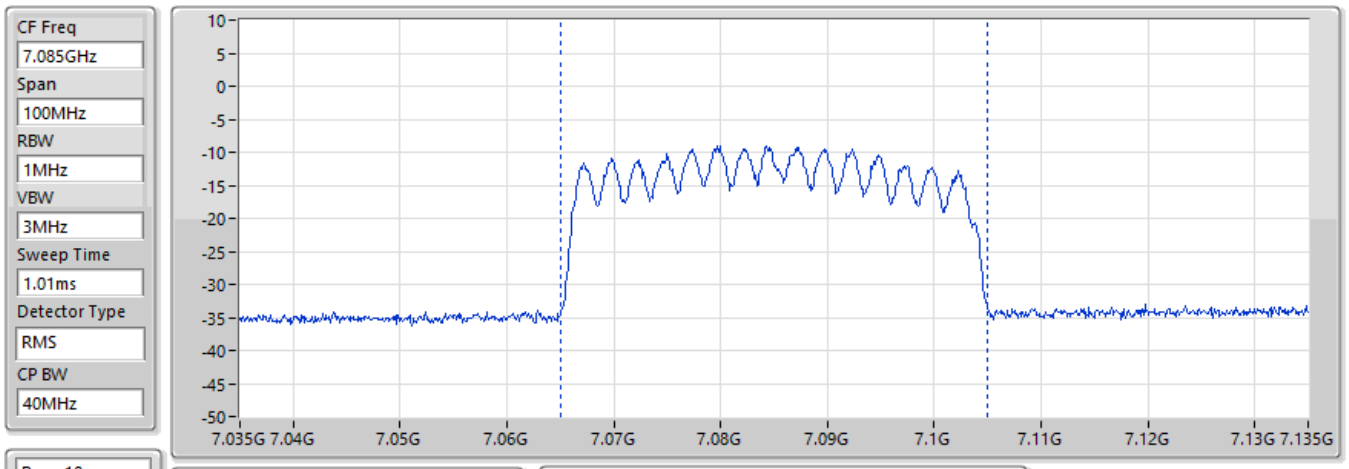


EIRP (dBm)
12.35

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-10.16	11.99	8.56	33.01	58.95

EIRP;Band:7.0G;ax40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:7085MHz;TX

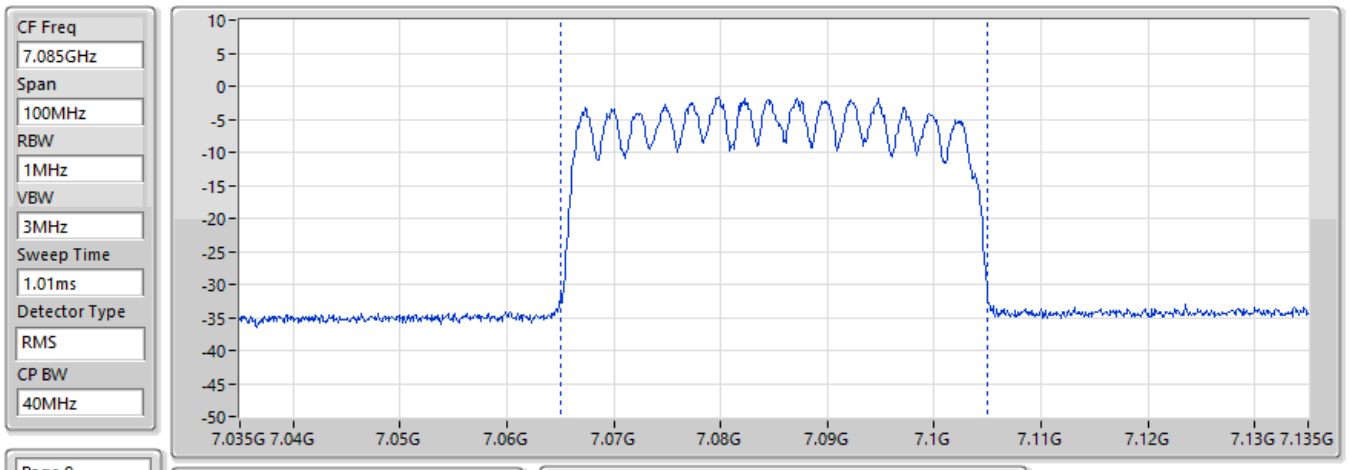


EIRP (dBm)
4.25

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-18.60	11.69	8.53	33.04	59.05

EIRP;Band:7.0G;ax40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:7085MHz;TX



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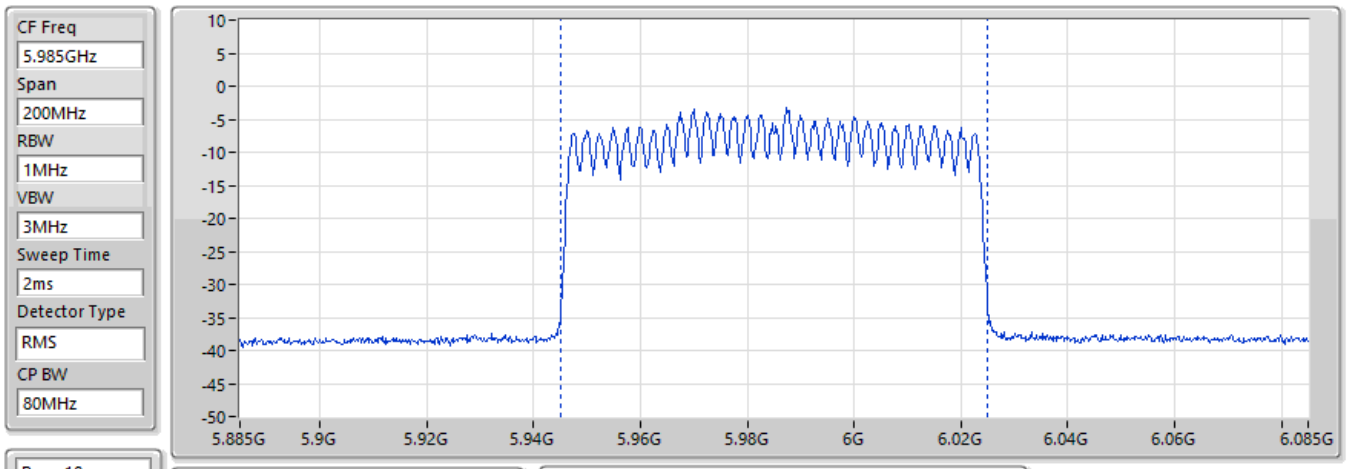
EIRP (dBm)
11.72

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-11.13	11.69	8.53	33.04	59.05

EIRP;Band:6.2G;ax80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:5985MHz;TX



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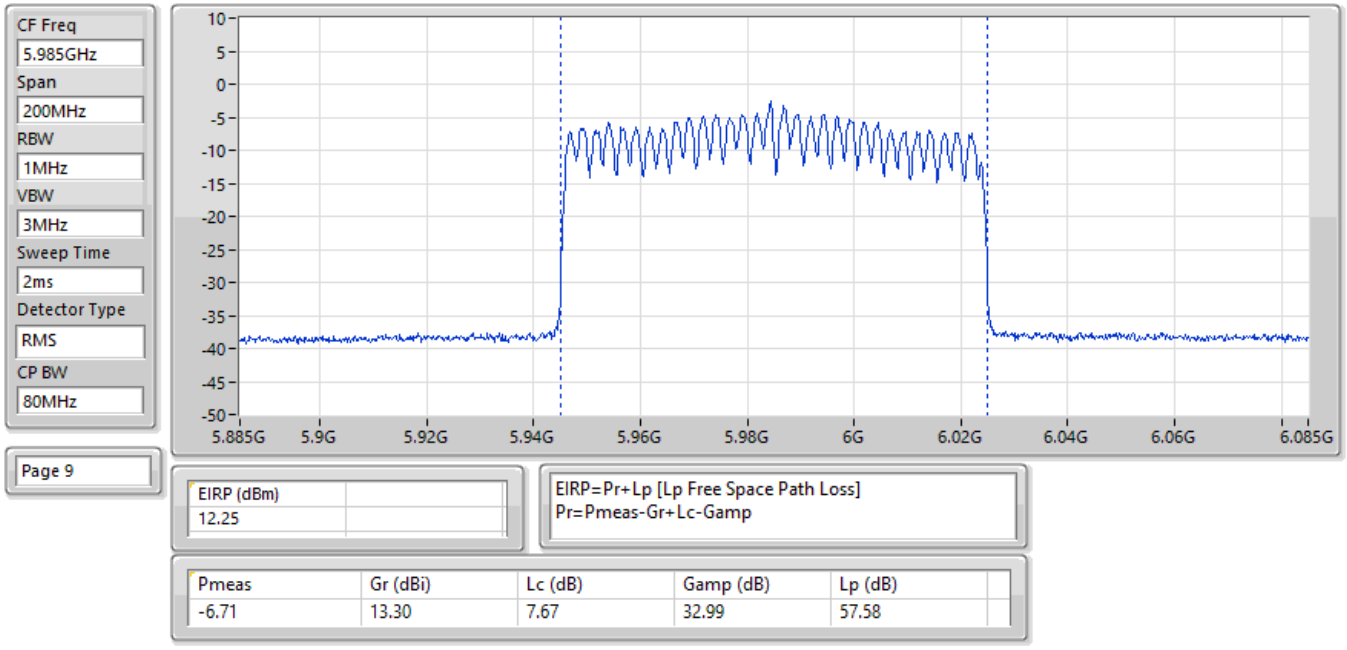
EIRP (dBm)
12.46

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-6.50	13.30	7.67	32.99	57.58

EIRP;Band:6.2G;ax80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:5985MHz;TX

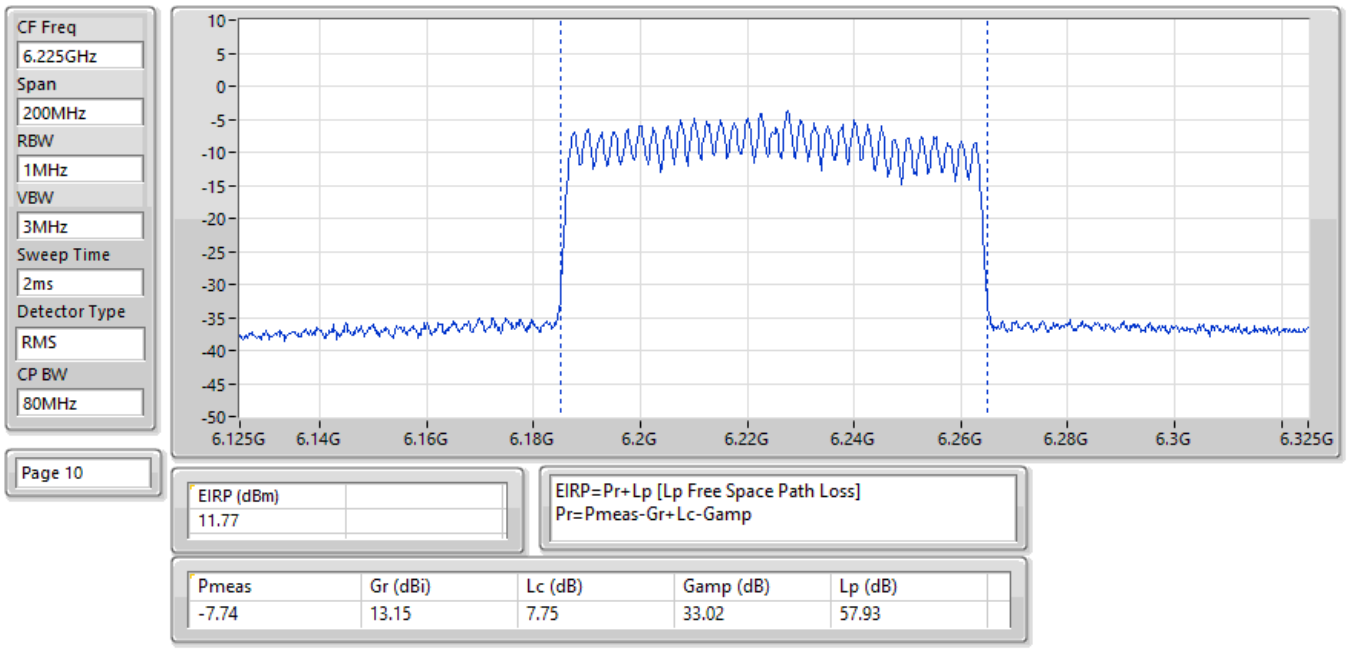


EIRP (dBm)
12.25

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-6.71	13.30	7.67	32.99	57.58

EIRP;Band:6.2G;ax80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6225MHz;TX

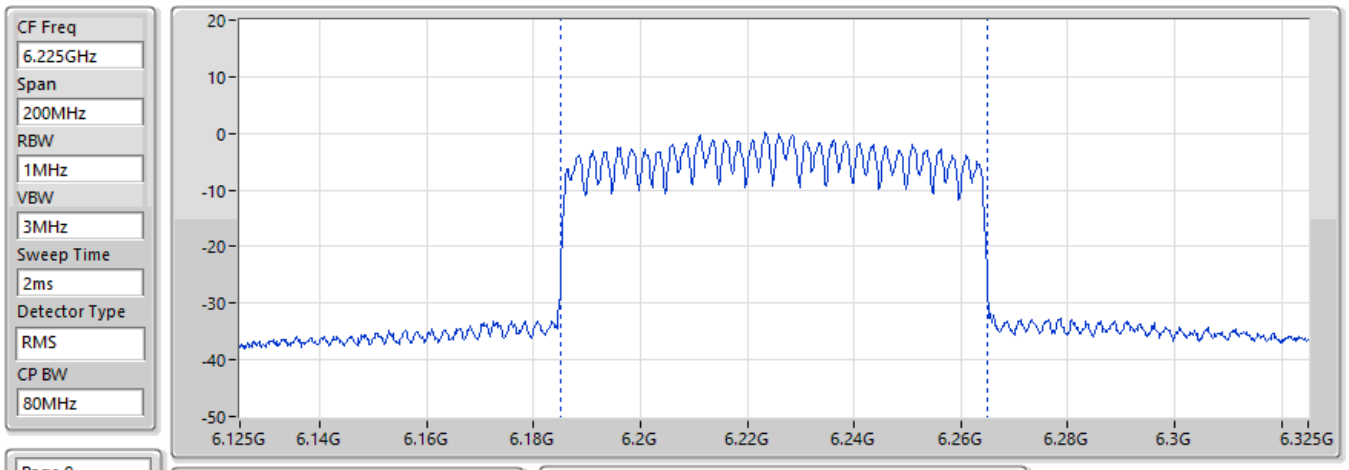


EIRP (dBm)
11.77

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-7.74	13.15	7.75	33.02	57.93

EIRP;Band:6.2G;ax80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6225MHz;TX

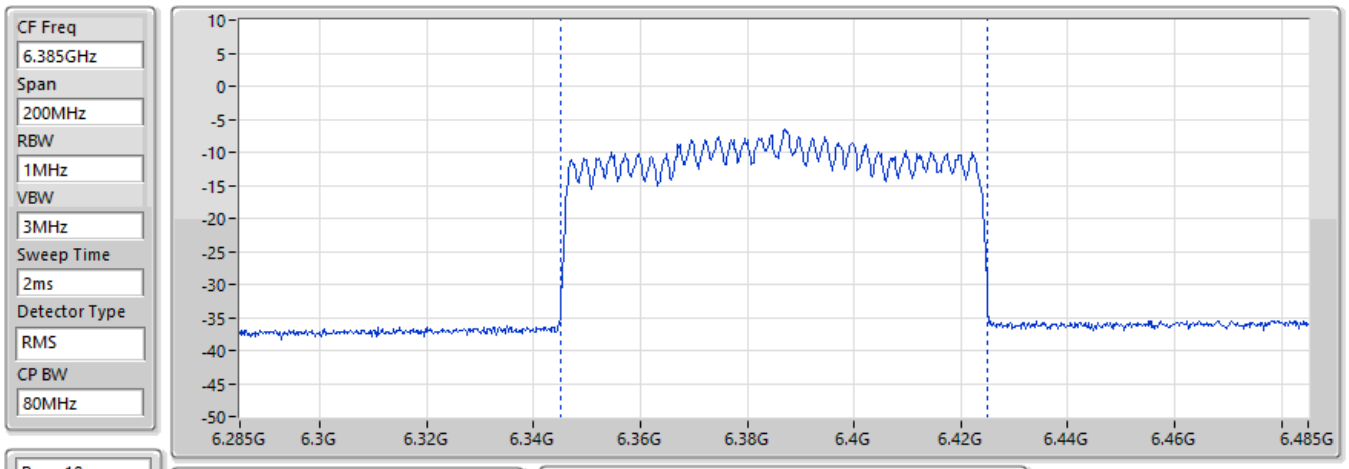


EIRP (dBm)
15.93

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-3.58	13.15	7.75	33.02	57.93

EIRP;Band:6.2G;ax80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6385MHz;TX

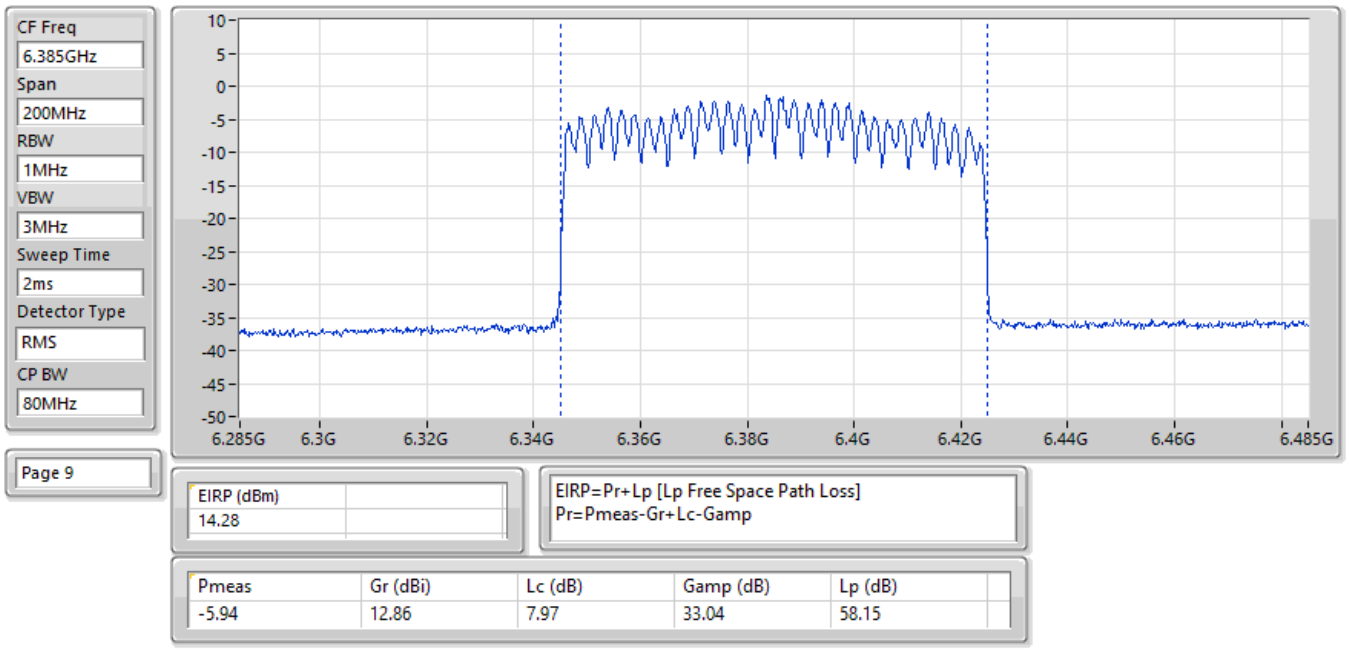


EIRP (dBm)
9.46

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-10.76	12.86	7.97	33.04	58.15

EIRP;Band:6.2G;ax80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6385MHz;TX

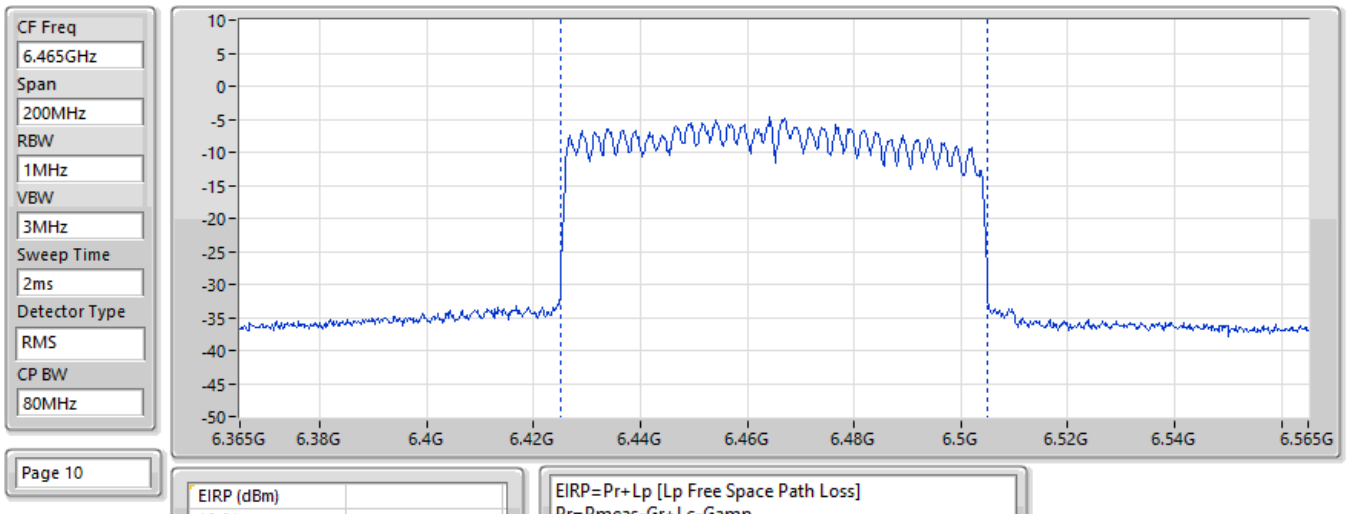


EIRP (dBm)
14.28

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-5.94	12.86	7.97	33.04	58.15

EIRP;Band:6.4G;ax80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6465MHz;TX

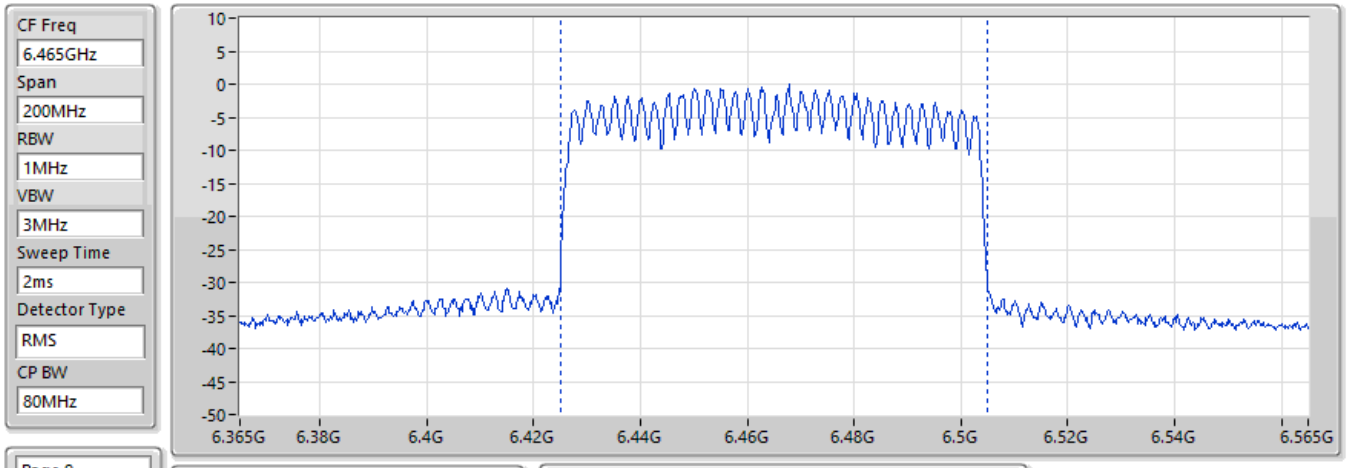


EIRP (dBm)
12.01

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-8.57	12.57	7.95	33.05	58.25

EIRP;Band:6.4G;ax80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6465MHz;TX



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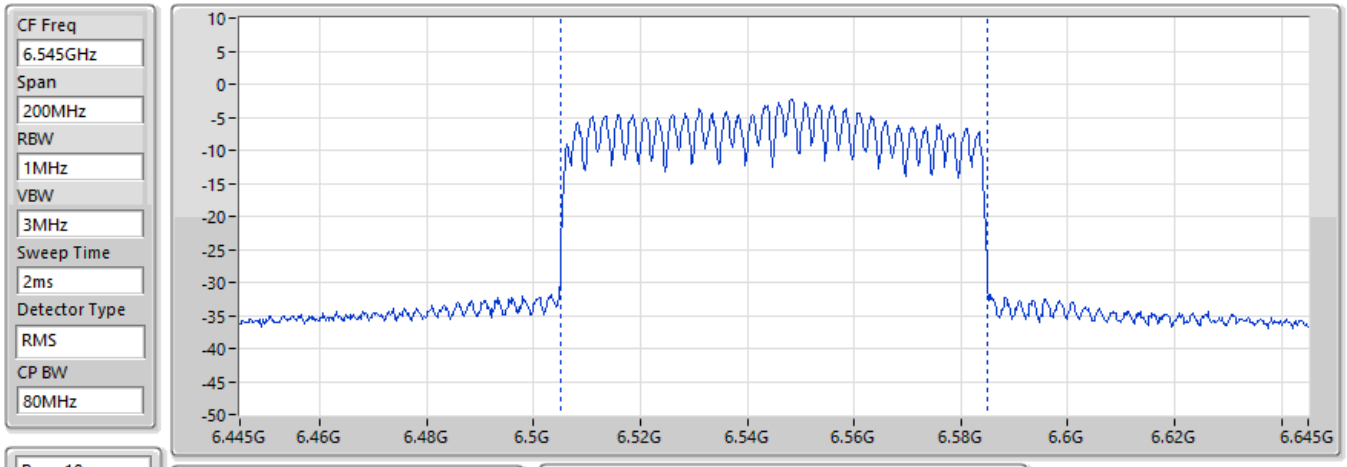
EIRP (dBm)
15.9

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-4.68	12.57	7.95	33.05	58.25

EIRP;Band:6.4G;ax80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6545MHz;TX



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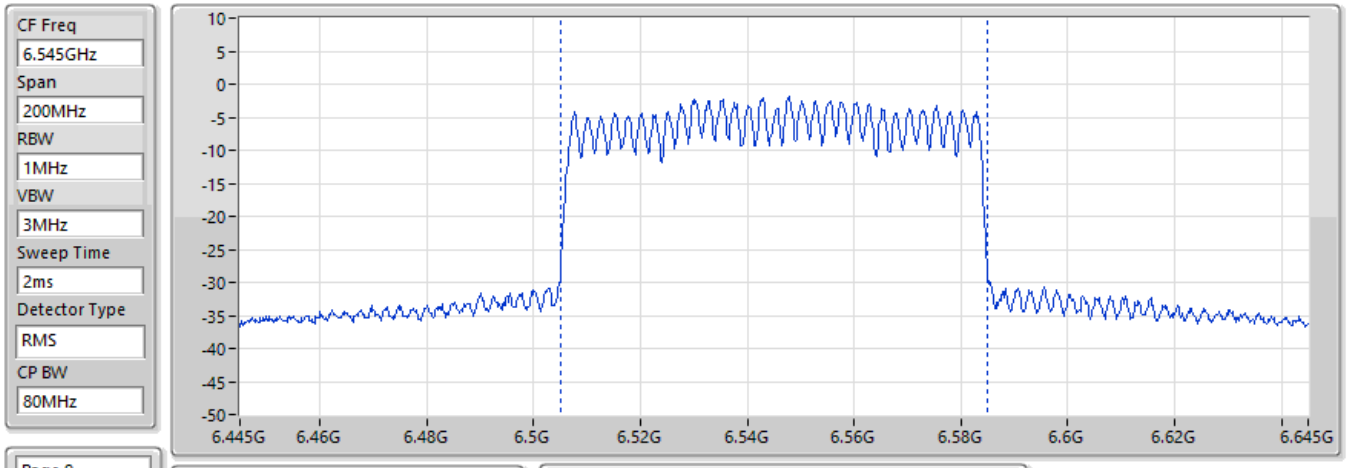
EIRP (dBm)
13.27

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-7.53	12.41	7.90	33.05	58.36

EIRP;Band:6.4G;ax80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6545MHz;TX

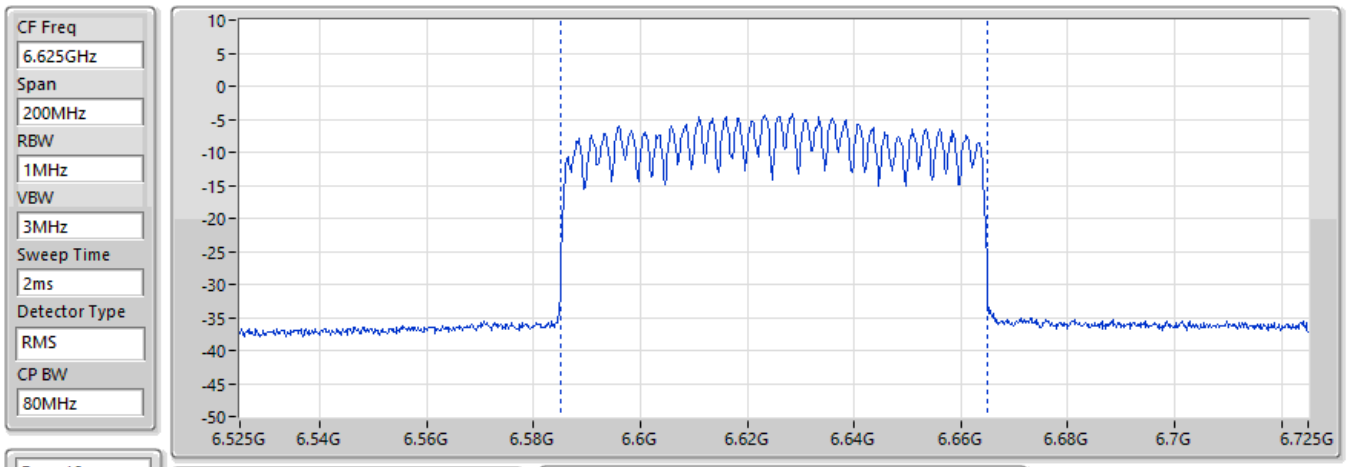


EIRP (dBm)
14.51

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-6.29	12.41	7.90	33.05	58.36

EIRP;Band:6.7G;ax80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6625MHz;TX

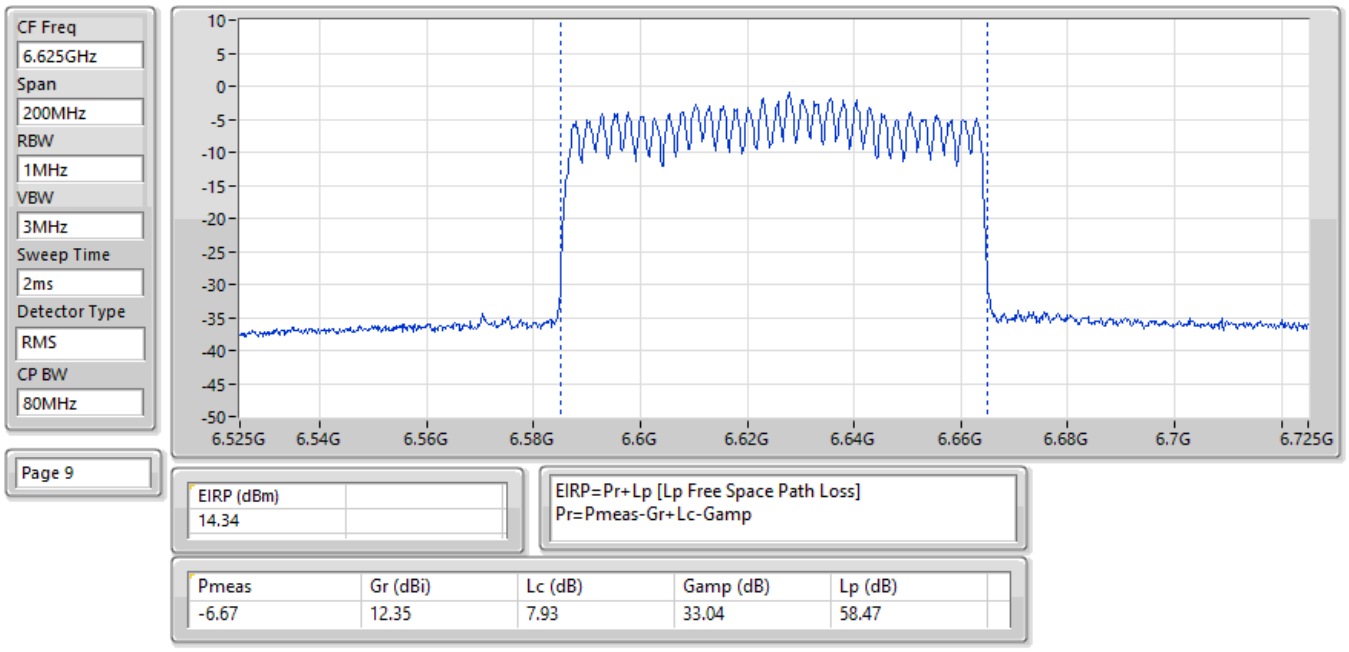


EIRP (dBm)
11.95

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-9.06	12.35	7.93	33.04	58.47

EIRP;Band:6.7G;ax80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6625MHz;TX

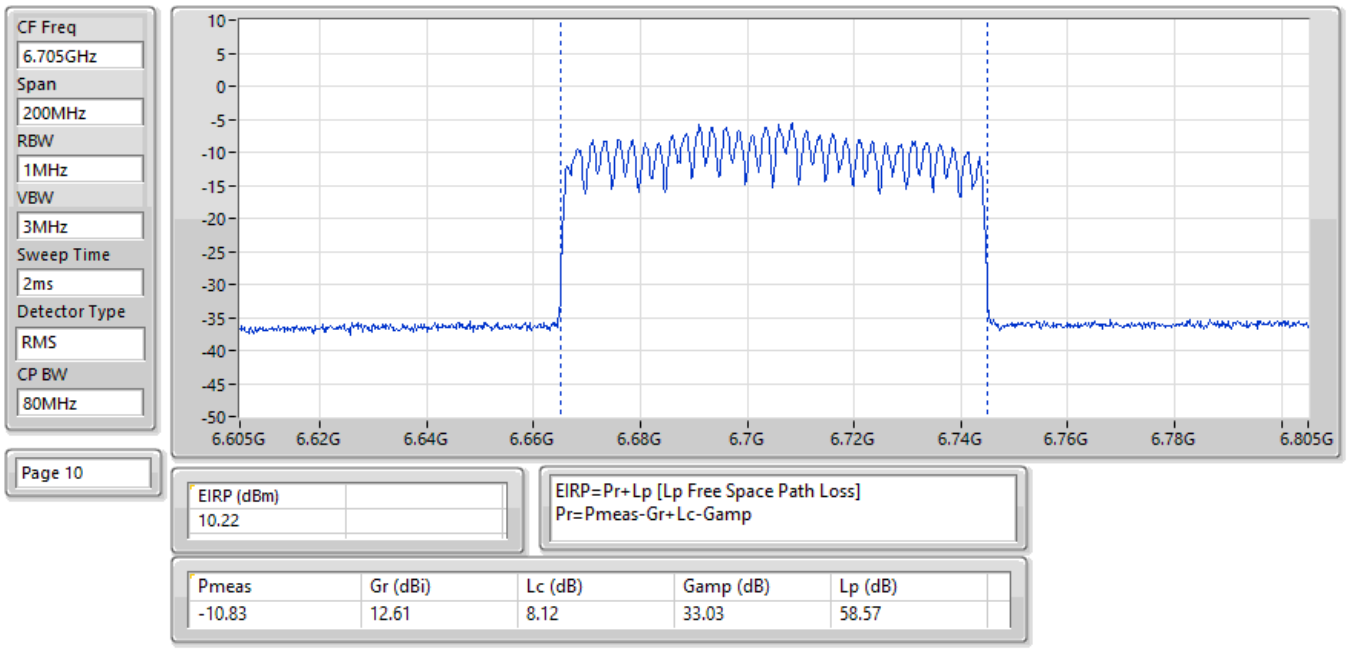


EIRP (dBm)
14.34

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-6.67	12.35	7.93	33.04	58.47

EIRP;Band:6.7G;ax80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6705MHz;TX

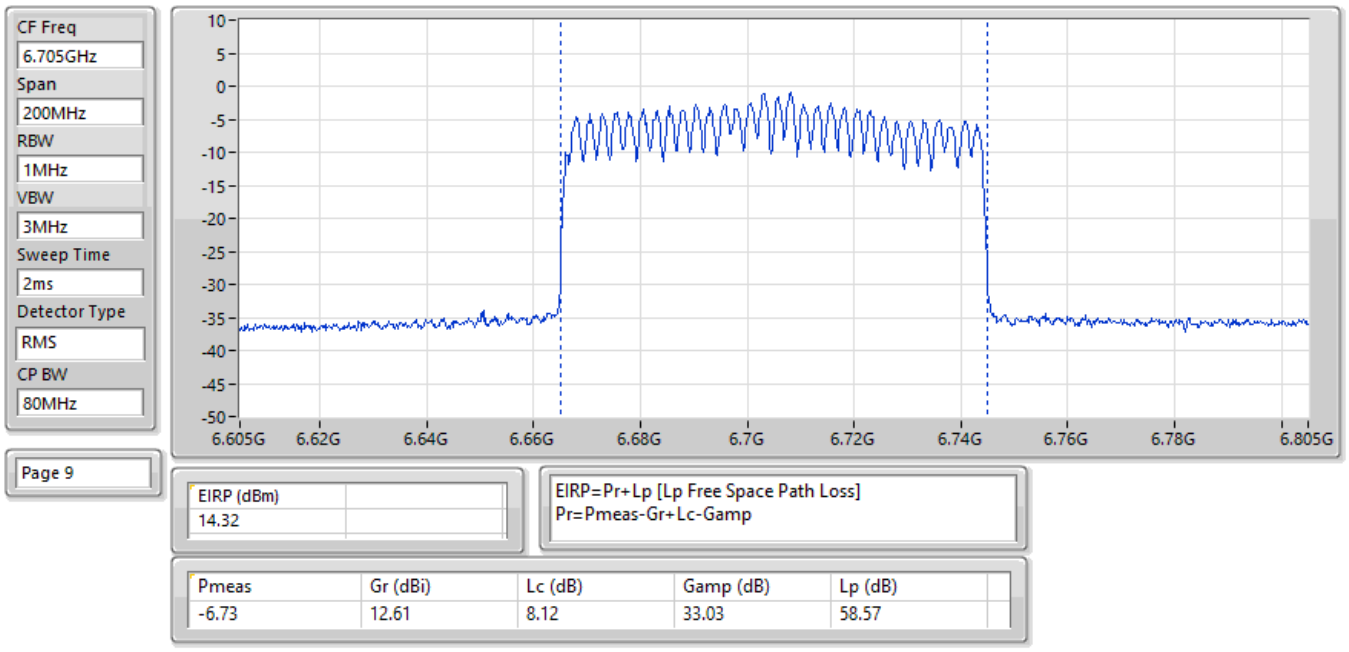


EIRP (dBm)
10.22

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-10.83	12.61	8.12	33.03	58.57

EIRP;Band:6.7G;ax80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6705MHz;TX

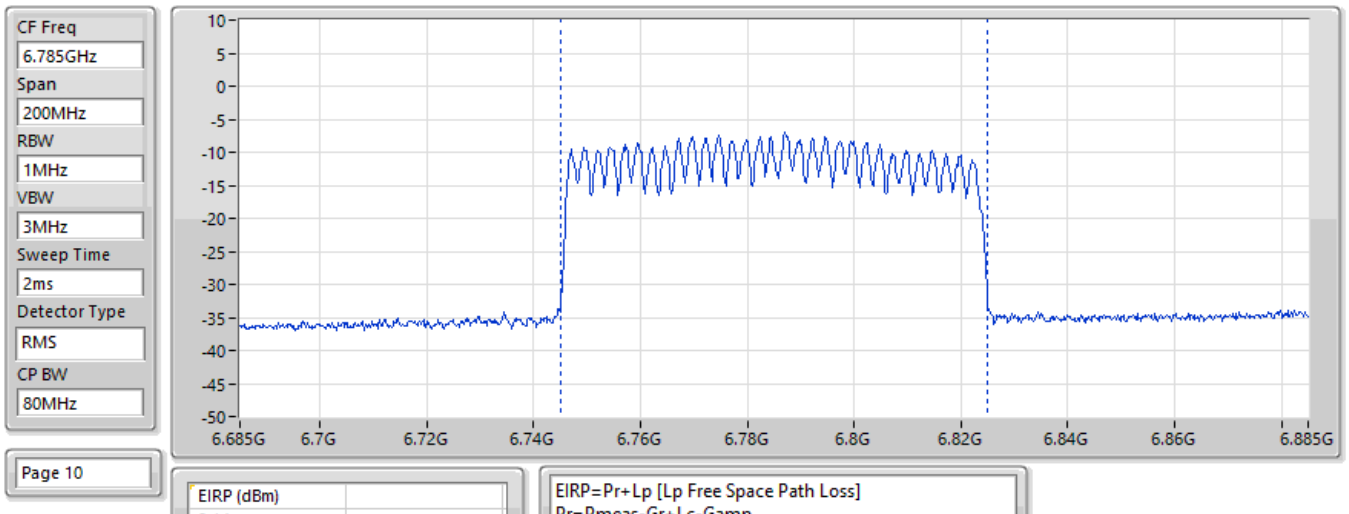


EIRP (dBm)
14.32

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-6.73	12.61	8.12	33.03	58.57

EIRP;Band:6.7G;ax80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6785MHz;TX

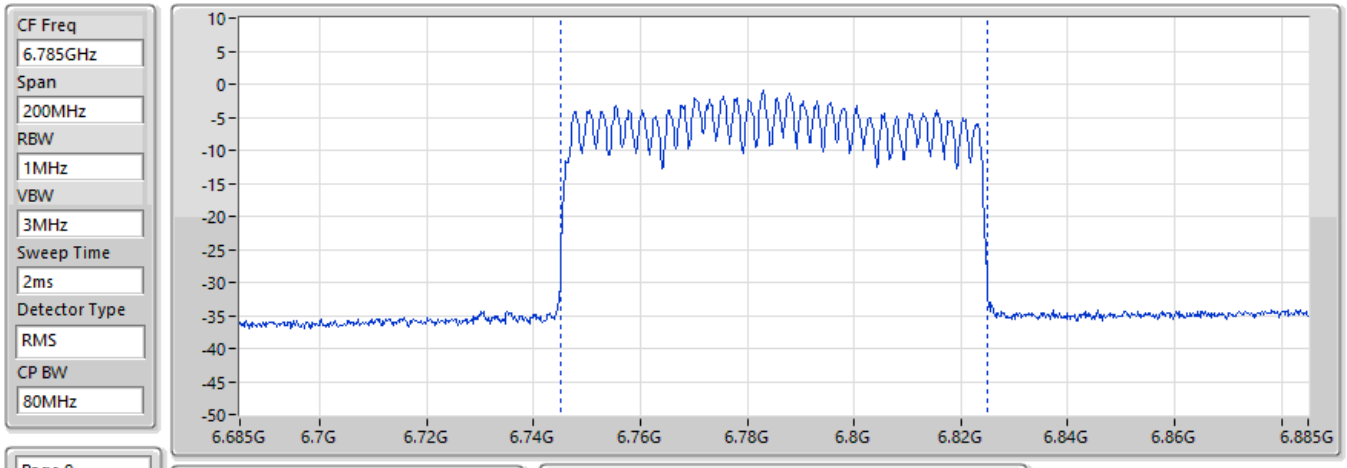


EIRP (dBm)
9.14

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-12.04	12.77	8.31	33.03	58.67

EIRP;Band:6.7G;ax80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6785MHz;TX



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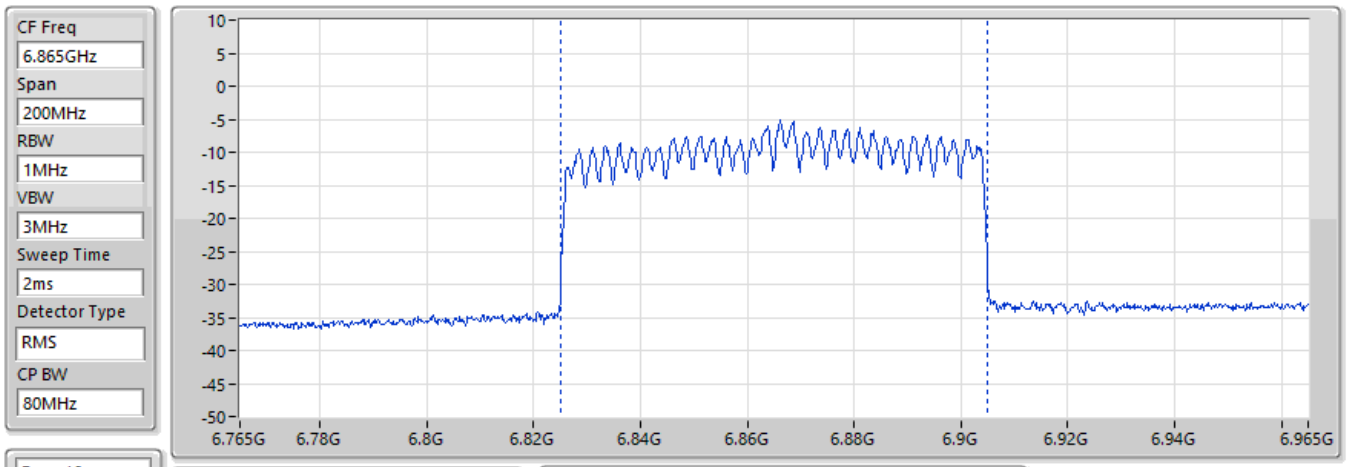
EIRP (dBm)
14.49

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-6.69	12.77	8.31	33.03	58.67

EIRP;Band:6.7G;ax80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6865MHz;TX



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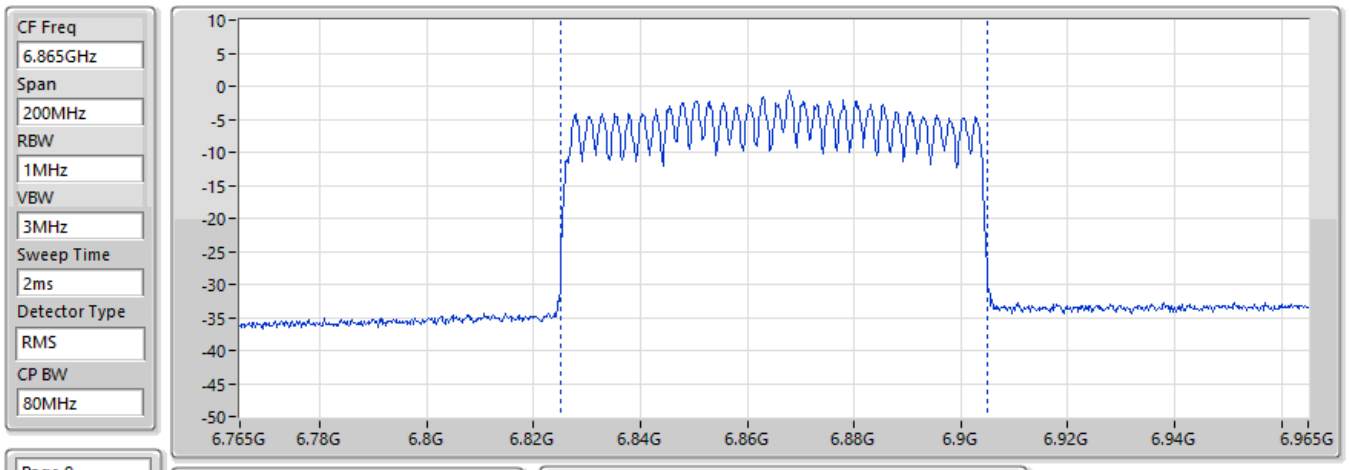
EIRP (dBm)
10.56

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-11.04	12.58	8.42	33.02	58.78

EIRP;Band:6.7G;ax80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6865MHz;TX



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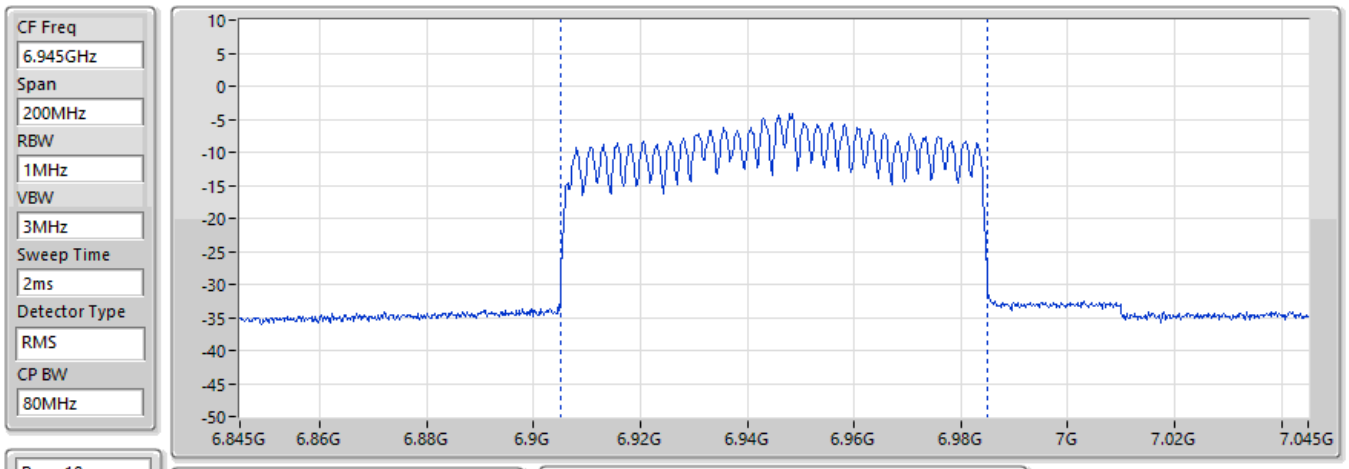
EIRP (dBm)
14.68

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-6.92	12.58	8.42	33.02	58.78

EIRP;Band:7.0G;ax80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6945MHz;TX



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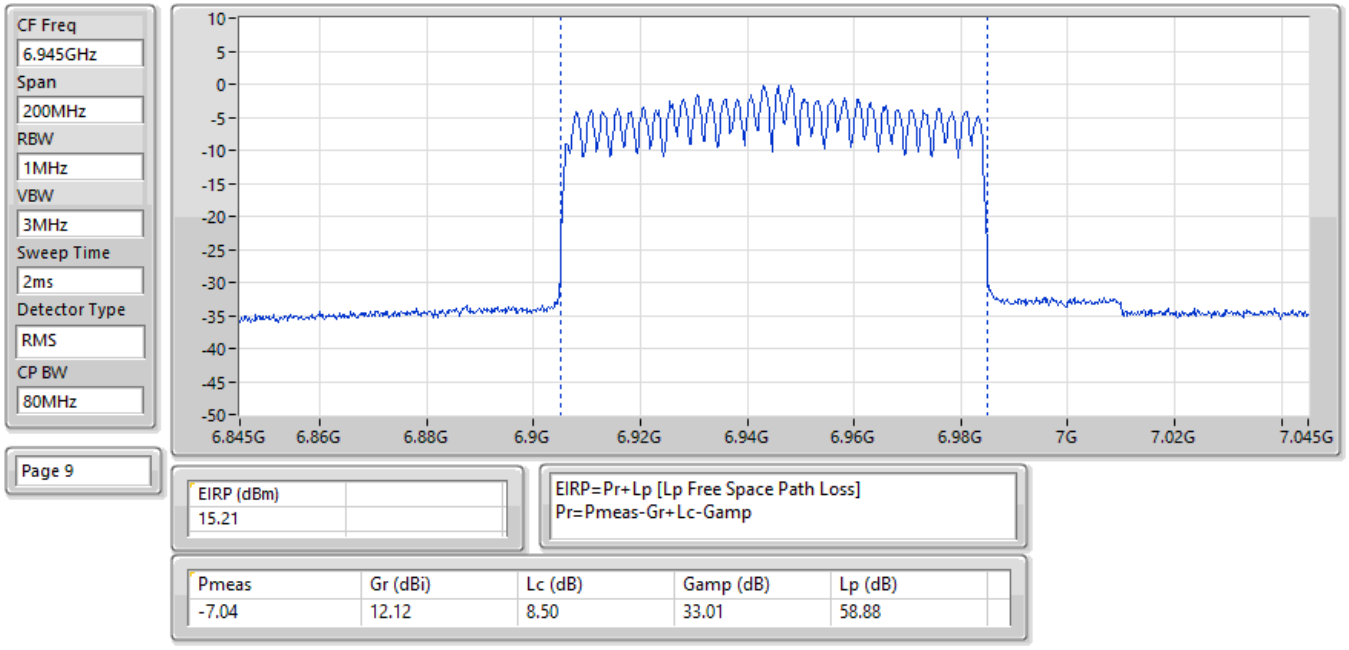
EIRP (dBm)
10.97

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-11.28	12.12	8.50	33.01	58.88

EIRP;Band:7.0G;ax80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6945MHz;TX

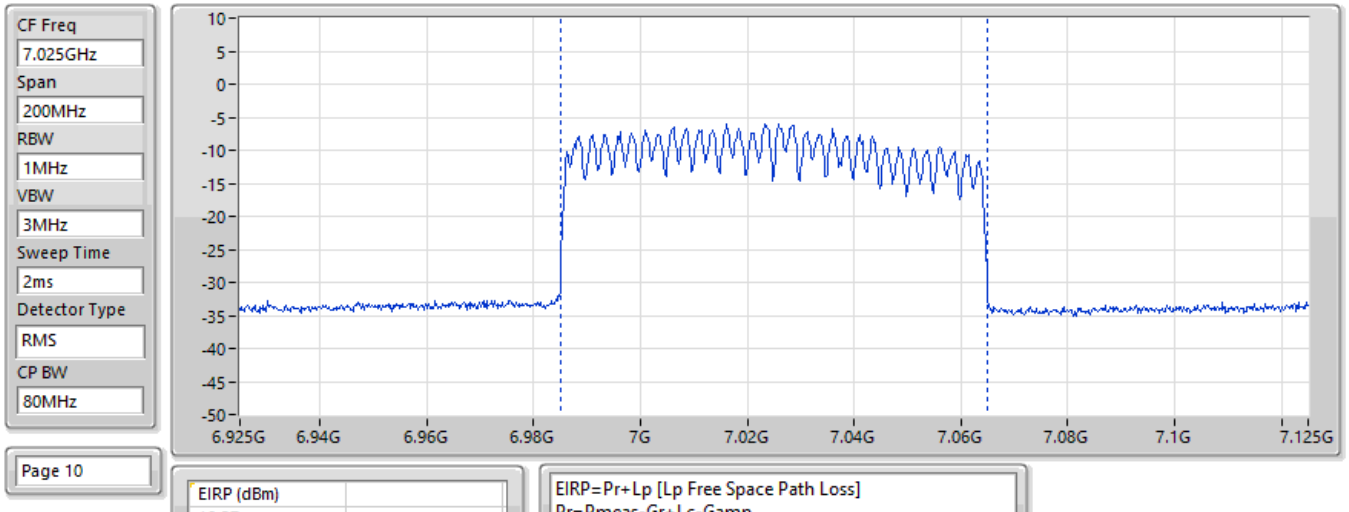


EIRP (dBm)
15.21

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-7.04	12.12	8.50	33.01	58.88

EIRP;Band:7.0G;ax80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:7025MHz;TX

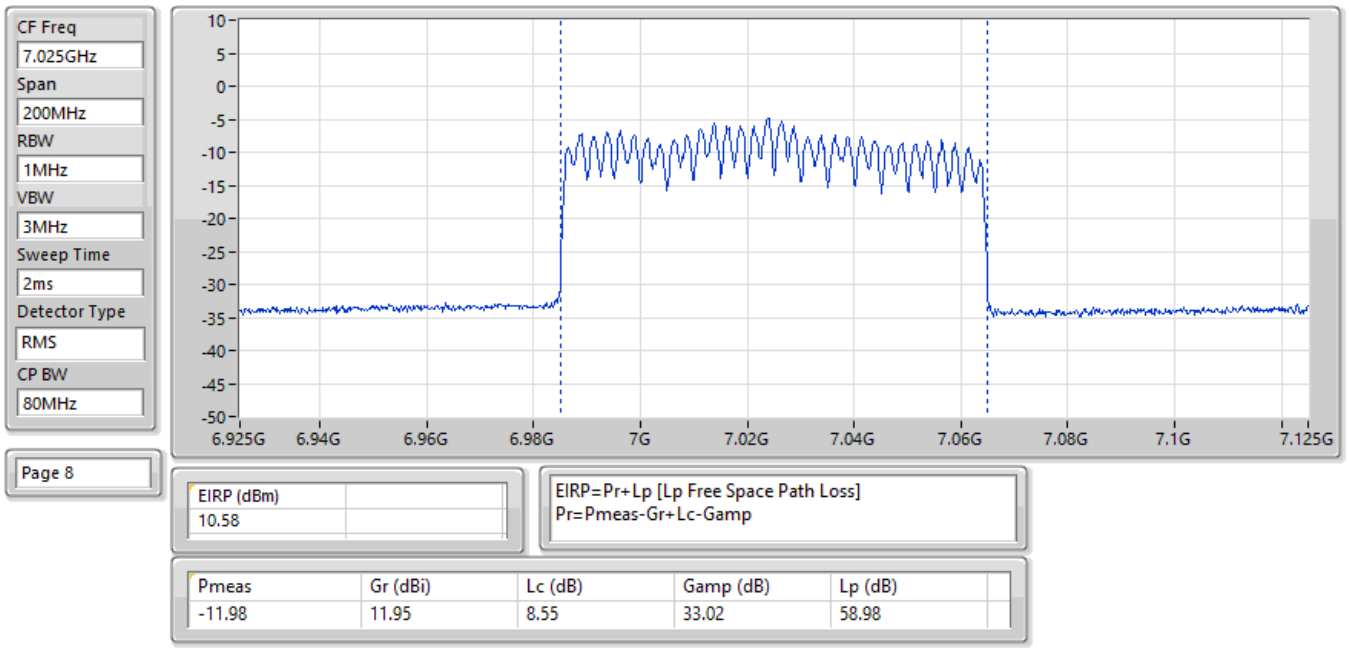


EIRP (dBm)
10.37

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-12.19	11.95	8.55	33.02	58.98

EIRP;Band:7.0G;ax80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:7025MHz;TX

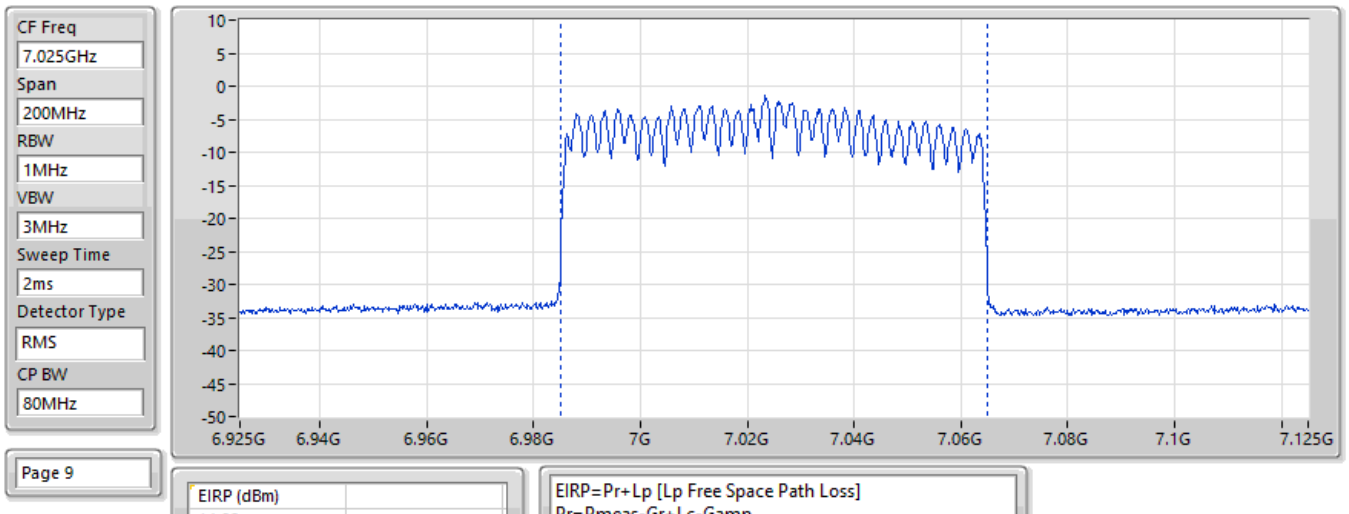


EIRP (dBm)
10.58

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-11.98	11.95	8.55	33.02	58.98

EIRP;Band:7.0G;ax80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:7025MHz;TX



EIRP (dBm)
14.08

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-8.48	11.95	8.55	33.02	58.98

Summary

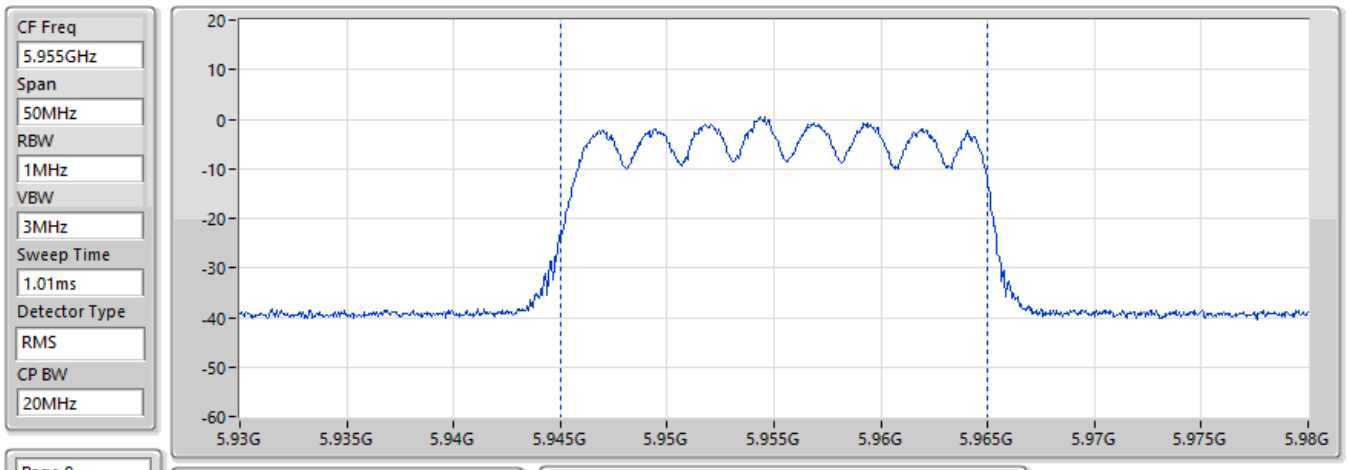
Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	2.06	0.00161	10.07	0.01016
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	4.37	0.00274	12.38	0.01730
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	7.74	0.00594	15.75	0.03758
6.425-6.525GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	1.74	0.00149	9.75	0.00944
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	6.56	0.00453	14.57	0.02864
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	7.78	0.00600	15.79	0.03793
6.525-6.875GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	1.53	0.00142	9.54	0.00899
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	4.49	0.00281	12.50	0.01778
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	6.93	0.00493	14.94	0.03119
6.875-7.125GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	1.52	0.00142	9.53	0.00897
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	5.26	0.00336	13.27	0.02123
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	6.61	0.00458	14.62	0.02897

Result

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-
5955MHz	Pass	10.07	24.00
6195MHz	Pass	9.60	24.00
6415MHz	Pass	8.13	24.00
6435MHz	Pass	8.98	24.00
6475MHz	Pass	9.75	24.00
6515MHz	Pass	8.90	24.00
6535MHz	Pass	9.54	24.00
6695MHz	Pass	8.70	24.00
6875MHz Straddle 6.525-6.875GHz	Pass	8.49	24.00
6895MHz	Pass	8.85	24.00
6995MHz	Pass	9.53	24.00
7095MHz	Pass	9.02	24.00
7115MHz	Pass	8.80	24.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-
5965MHz	Pass	11.21	24.00
6205MHz	Pass	12.38	24.00
6405MHz	Pass	12.09	24.00
6445MHz	Pass	12.11	24.00
6485MHz	Pass	12.99	24.00
6525MHz Straddle 6.425-6.525GHz	Pass	14.57	24.00
6565MHz	Pass	11.10	24.00
6685MHz	Pass	12.50	24.00
6885MHz Straddle 6.525-6.875GHz	Pass	11.68	24.00
6925MHz	Pass	13.27	24.00
7005MHz	Pass	11.67	24.00
7085MHz	Pass	12.02	24.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-
5985MHz	Pass	12.86	24.00
6225MHz	Pass	15.75	24.00
6385MHz	Pass	14.63	24.00
6465MHz	Pass	15.79	24.00
6545MHz Straddle 6.425-6.525GHz	Pass	15.09	24.00
6625MHz	Pass	14.75	24.00
6705MHz	Pass	14.28	24.00
6785MHz	Pass	14.47	24.00
6865MHz Straddle 6.525-6.875GHz	Pass	14.94	24.00
6945MHz	Pass	14.62	24.00
7025MHz	Pass	13.76	24.00

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

EIRP;Band:6.2G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:5955MHz;TX

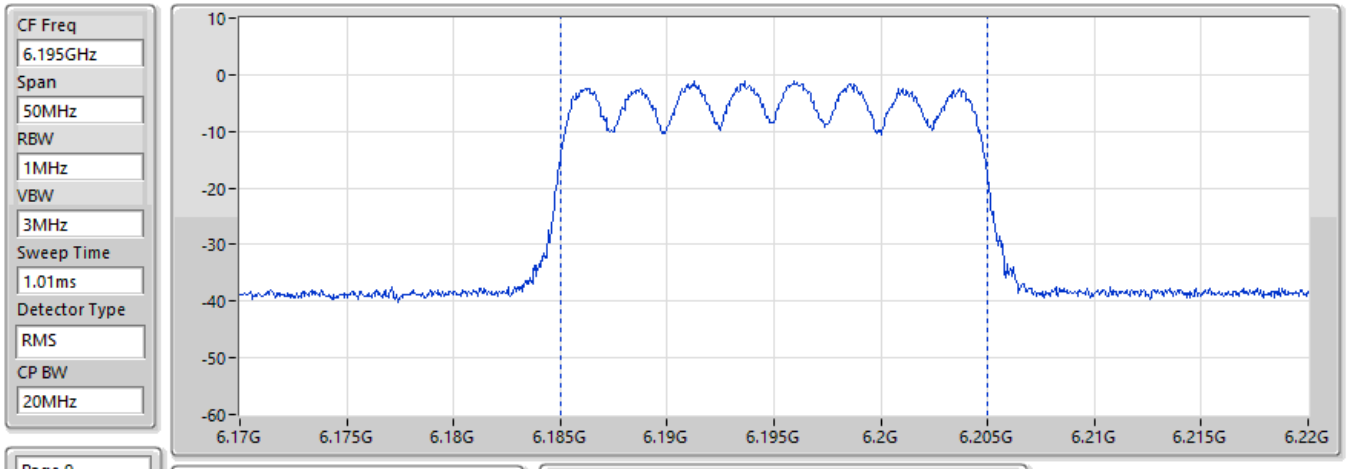


EIRP (dBm)
10.07

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-8.85	13.30	7.66	32.98	57.54

EIRP;Band:6.2G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6195MHz;TX

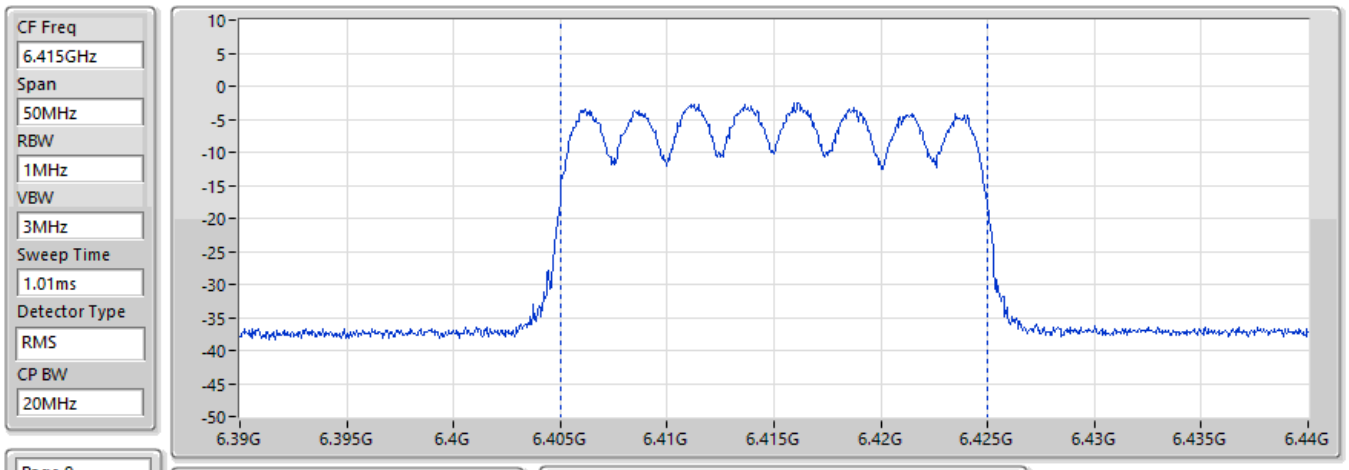


EIRP (dBm)
9.6

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-9.77	13.21	7.72	33.02	57.88

EIRP;Band:6.2G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6415MHz;TX

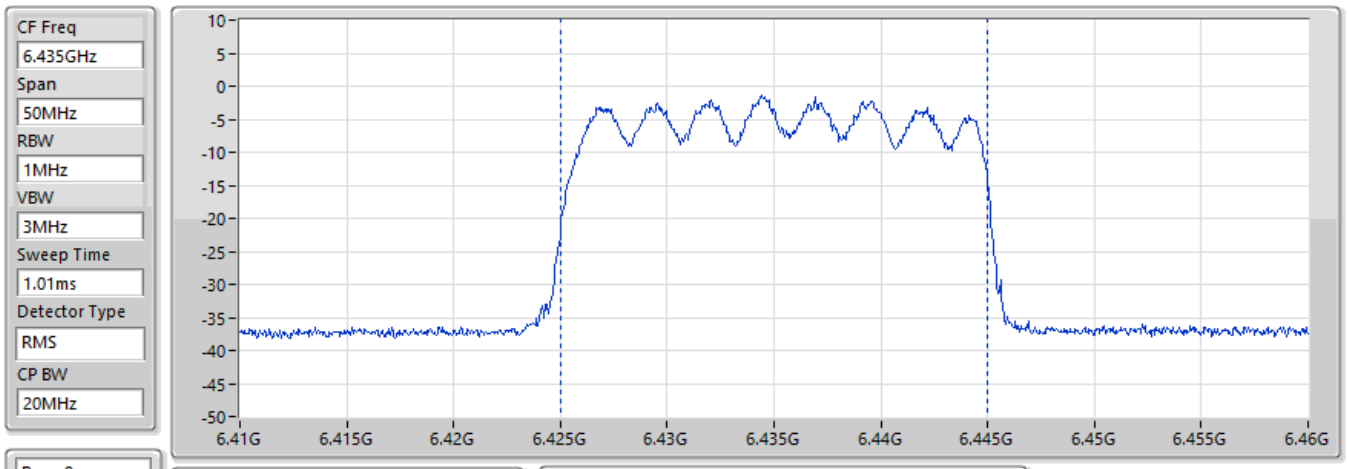


EIRP (dBm)
8.13

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-12.26	12.74	7.98	33.04	58.19

EIRP;Band:6.4G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6435MHz;TX

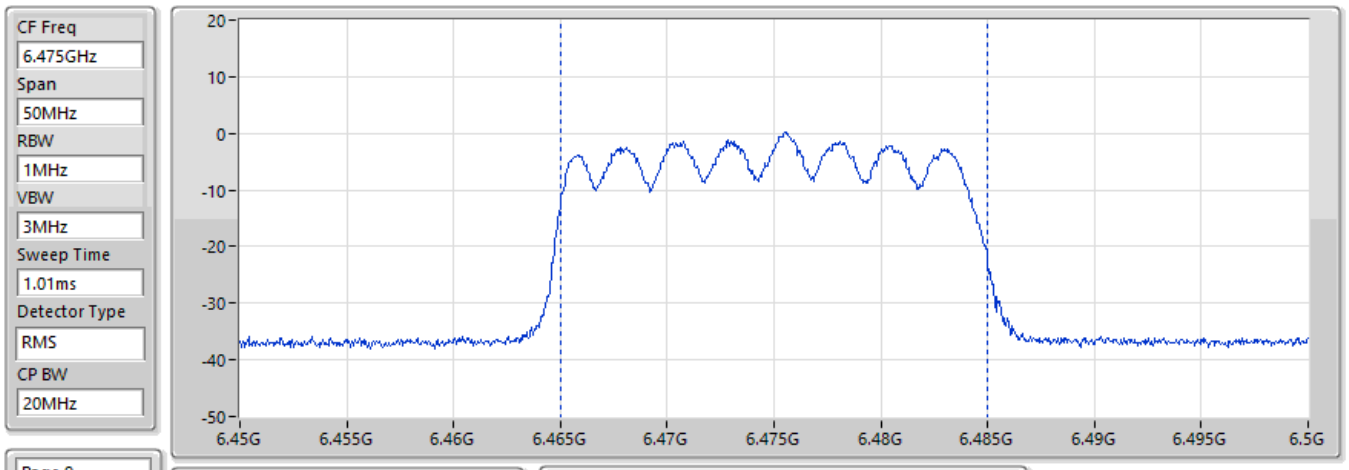


EIRP (dBm)
8.98

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-11.50	12.66	7.97	33.04	58.21

EIRP;Band:6.4G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6475MHz;TX

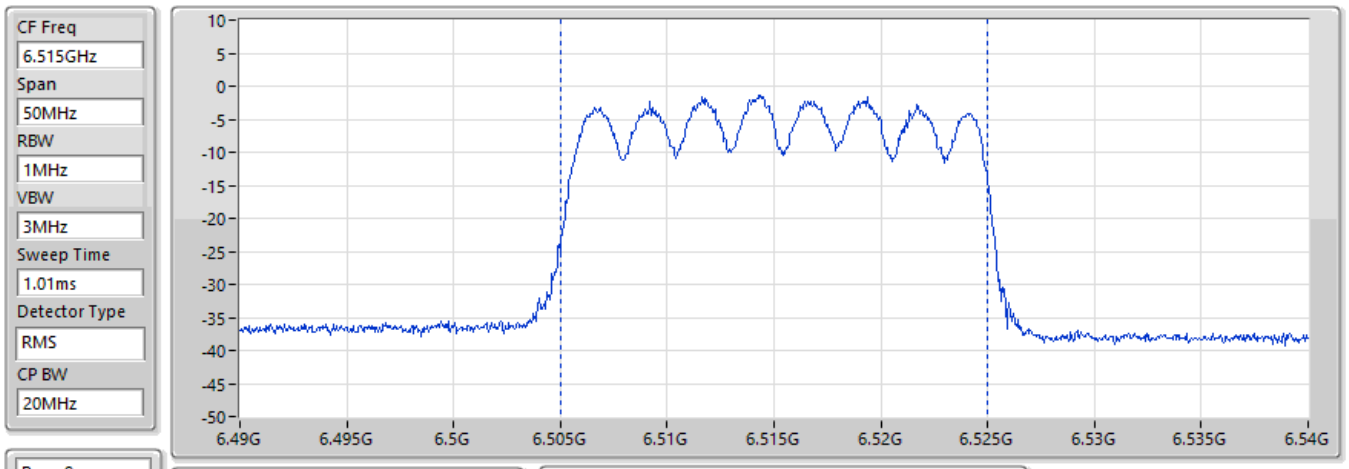


EIRP (dBm)
9.75

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-10.87	12.55	7.95	33.05	58.27

EIRP;Band:6.4G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6515MHz;TX

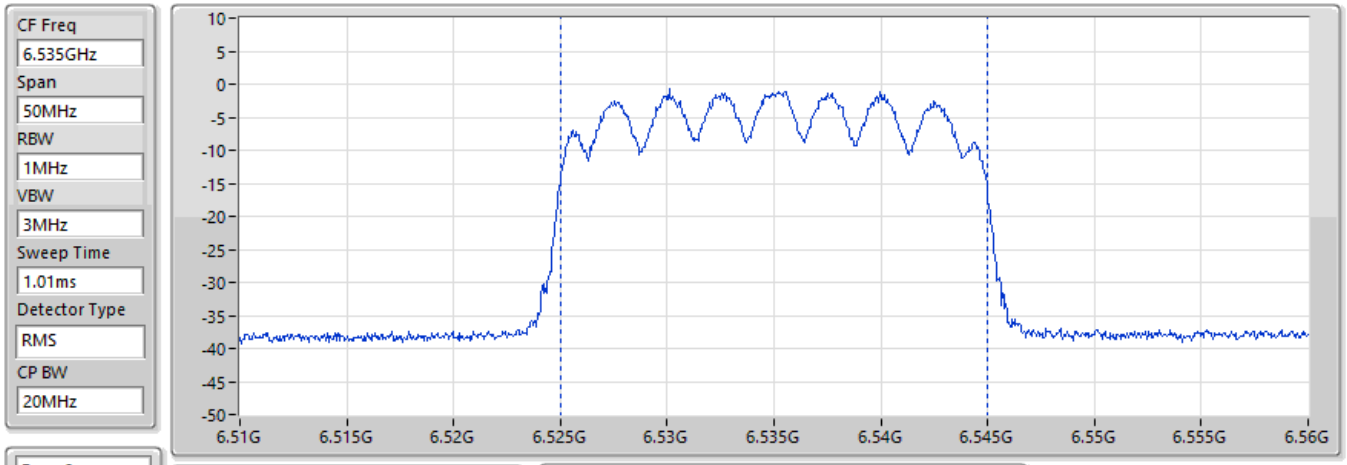


EIRP (dBm)
8.9

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-11.82	12.47	7.92	33.05	58.32

EIRP;Band:6.7G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6535MHz;TX

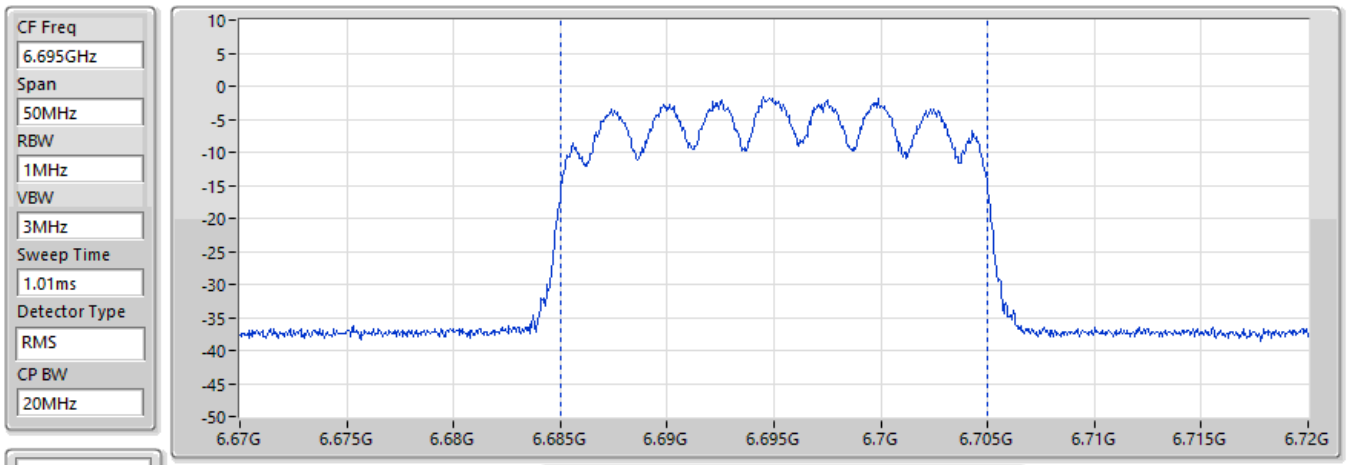


EIRP (dBm)
9.54

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-11.24	12.43	7.91	33.05	58.35

EIRP;Band:6.7G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6695MHz;TX

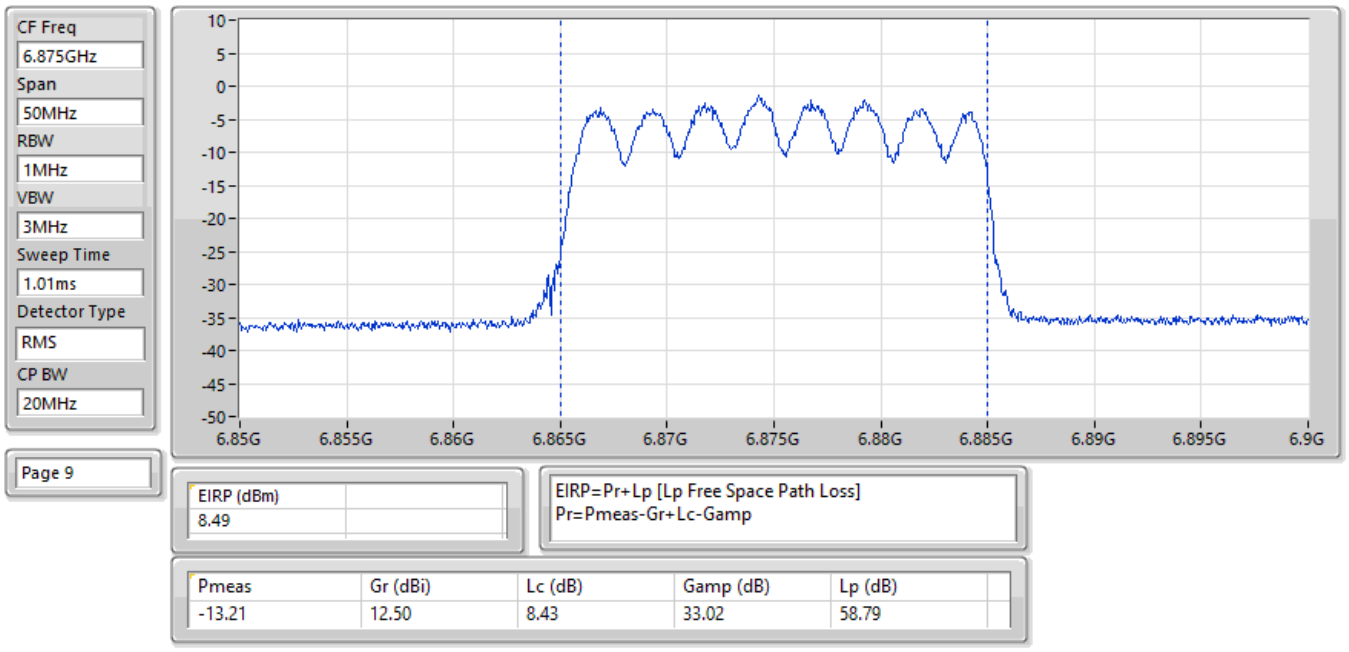


EIRP (dBm)
8.7

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-12.35	12.58	8.10	33.03	58.56

EIRP;Band:6.7G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6875MHz;TX



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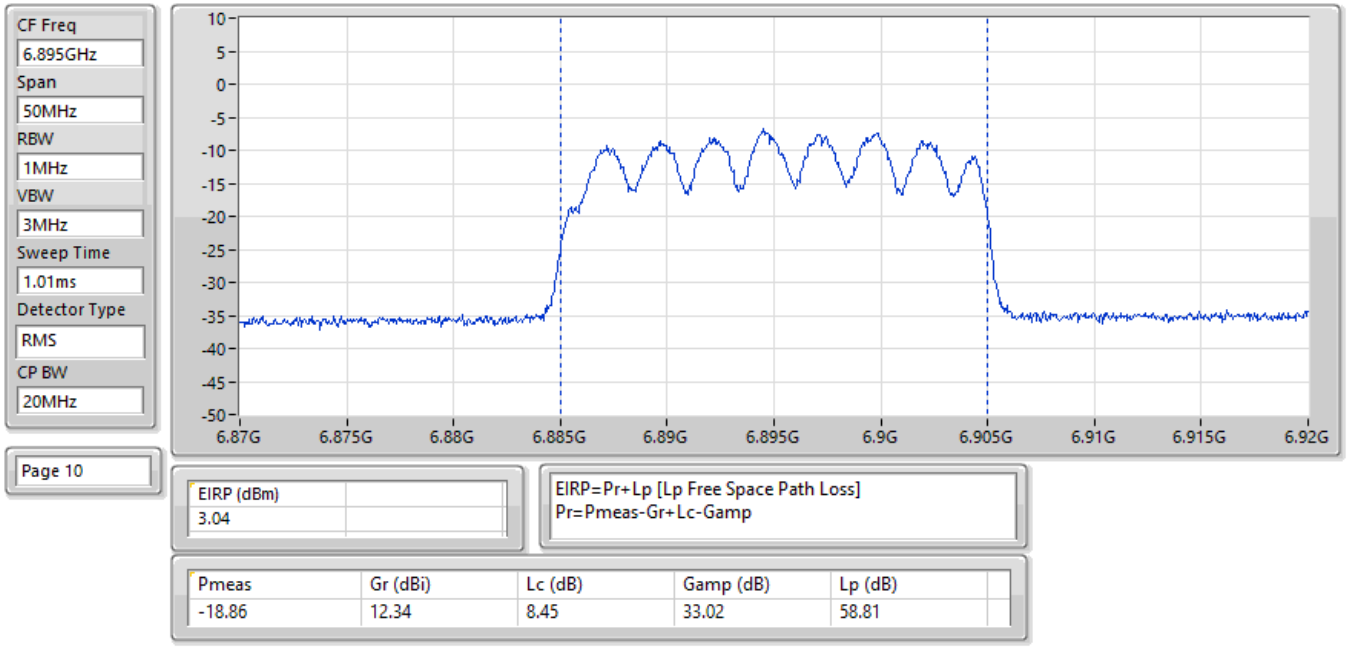
EIRP (dBm)
8.49

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-13.21	12.50	8.43	33.02	58.79

EIRP;Band:7.0G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6895MHz;TX



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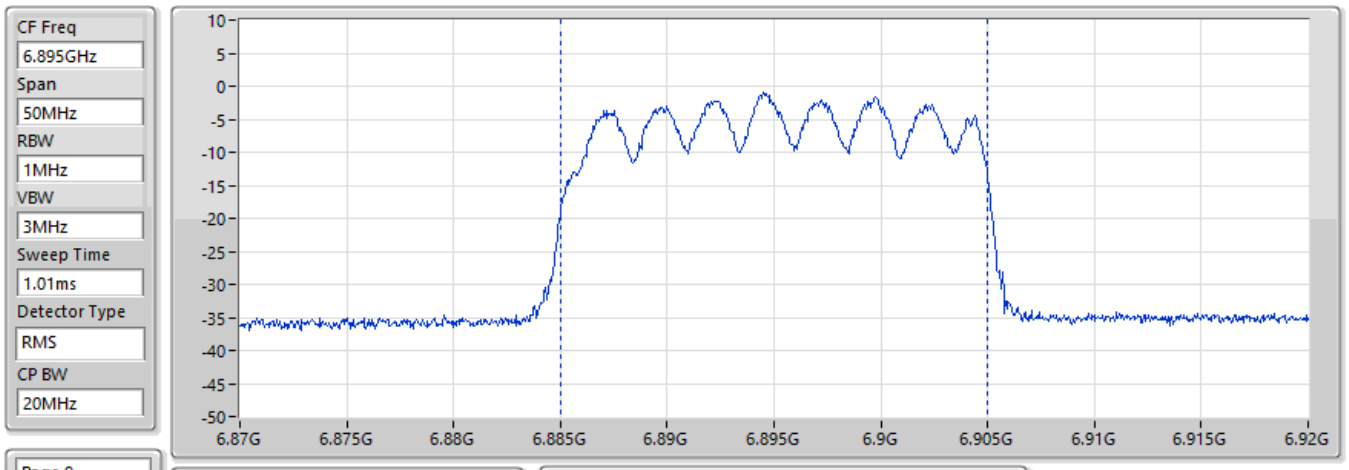
EIRP (dBm)
3.04

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-18.86	12.34	8.45	33.02	58.81

EIRP;Band:7.0G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6895MHz;TX



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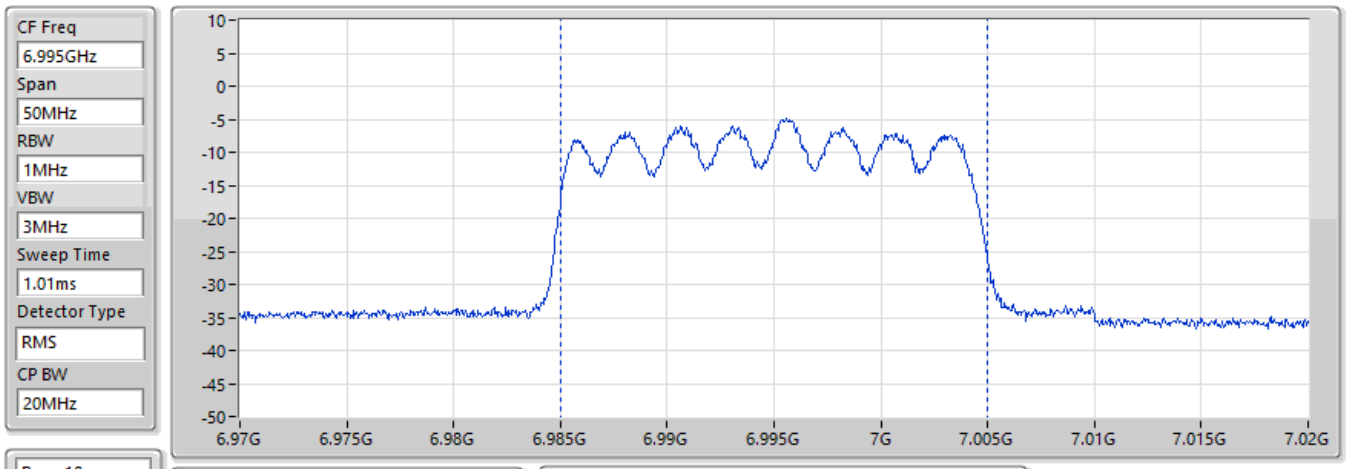
EIRP (dBm)
8.85

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-13.05	12.34	8.45	33.02	58.81

EIRP;Band:7.0G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6995MHz;TX



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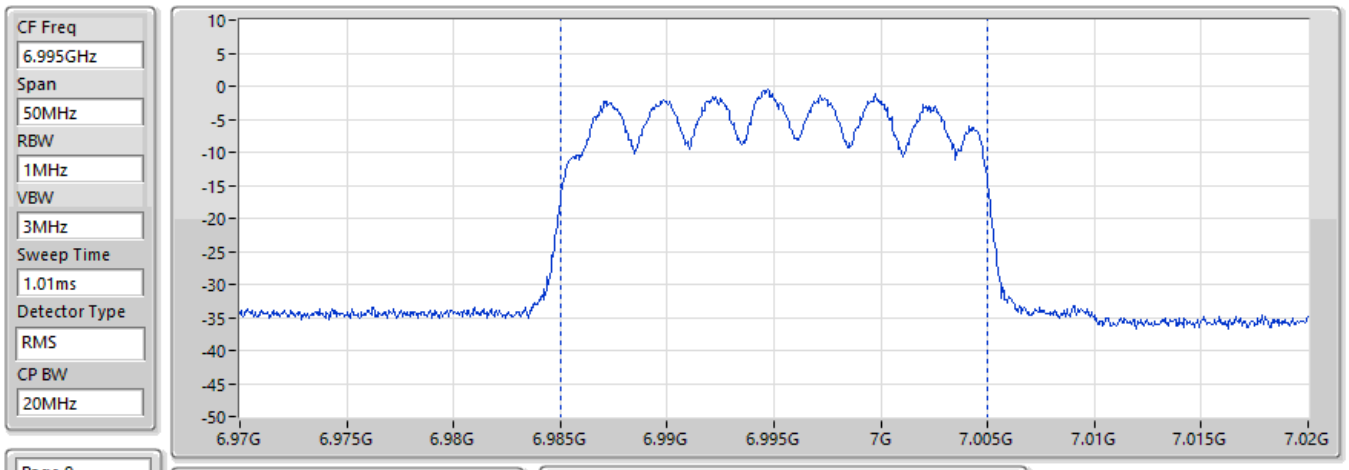
EIRP (dBm)
5.16

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-17.31	12.01	8.55	33.01	58.94

EIRP;Band:7.0G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6995MHz;TX



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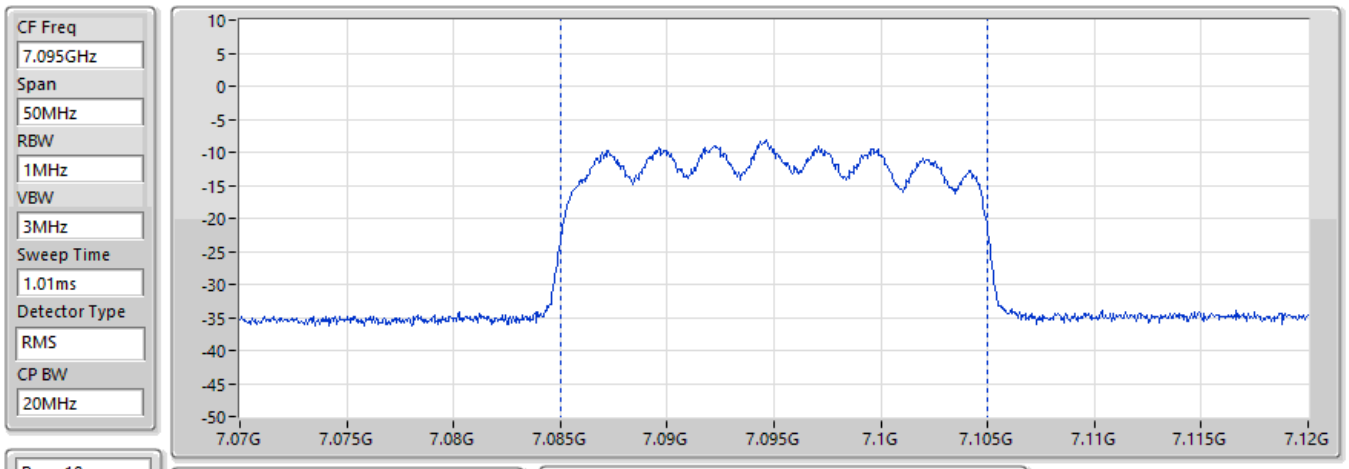
EIRP (dBm)
9.53

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-12.94	12.01	8.55	33.01	58.94

EIRP;Band:7.0G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:7095MHz;TX



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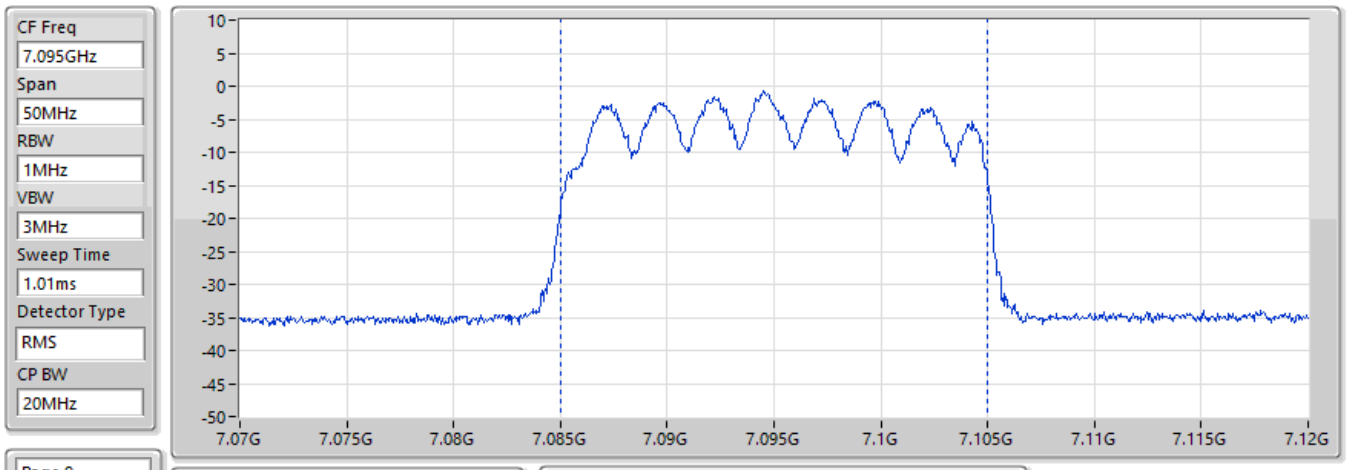
EIRP (dBm)
2.39

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-20.53	11.63	8.53	33.04	59.06

EIRP;Band:7.0G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:7095MHz;TX



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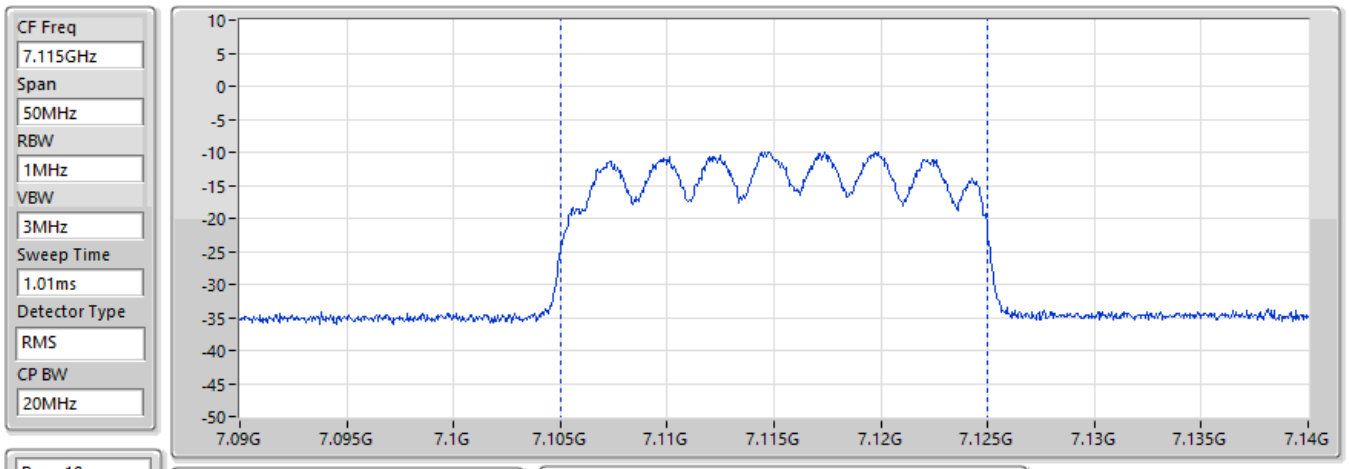
EIRP (dBm)
9.02

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-13.90	11.63	8.53	33.04	59.06

EIRP;Band:7.0G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:7115MHz;TX



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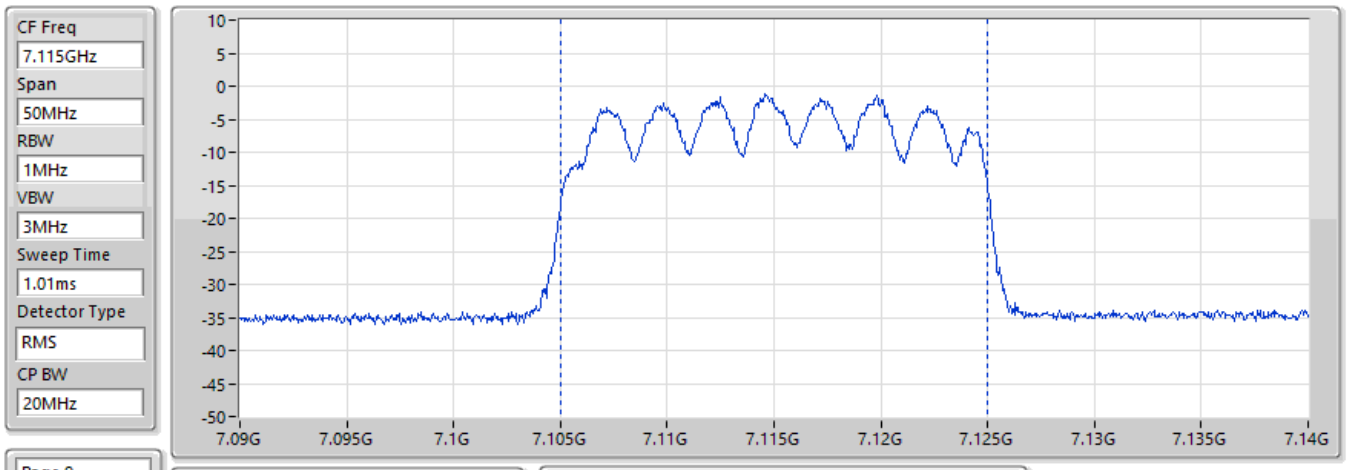
EIRP (dBm)
0.88

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-22.15	11.54	8.52	33.04	59.09

EIRP;Band:7.0G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:7115MHz;TX



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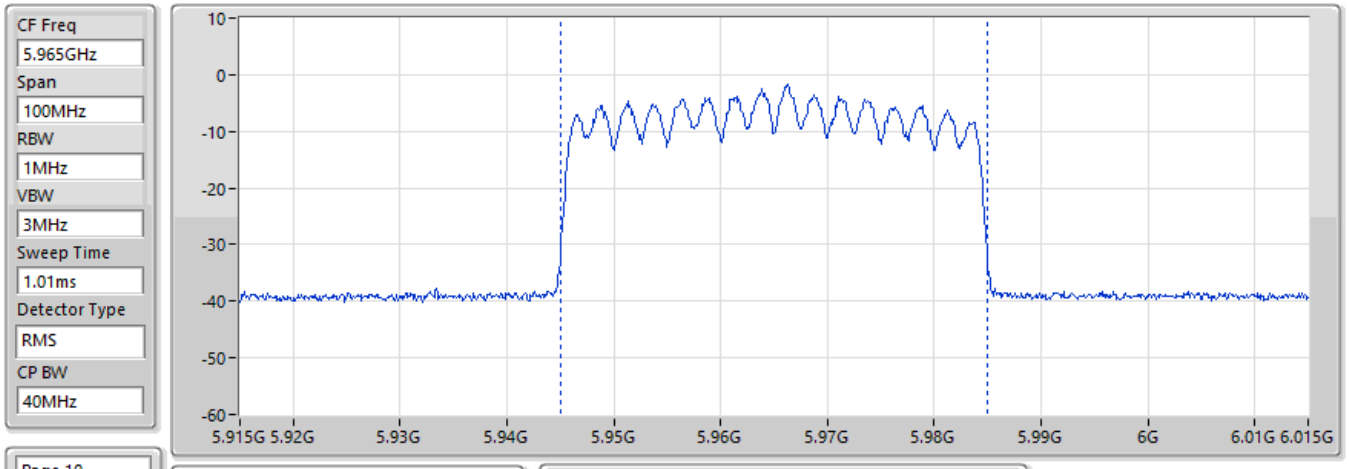
EIRP (dBm)
8.8

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-14.23	11.54	8.52	33.04	59.09

EIRP;Band:6.2G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:5965MHz;TX



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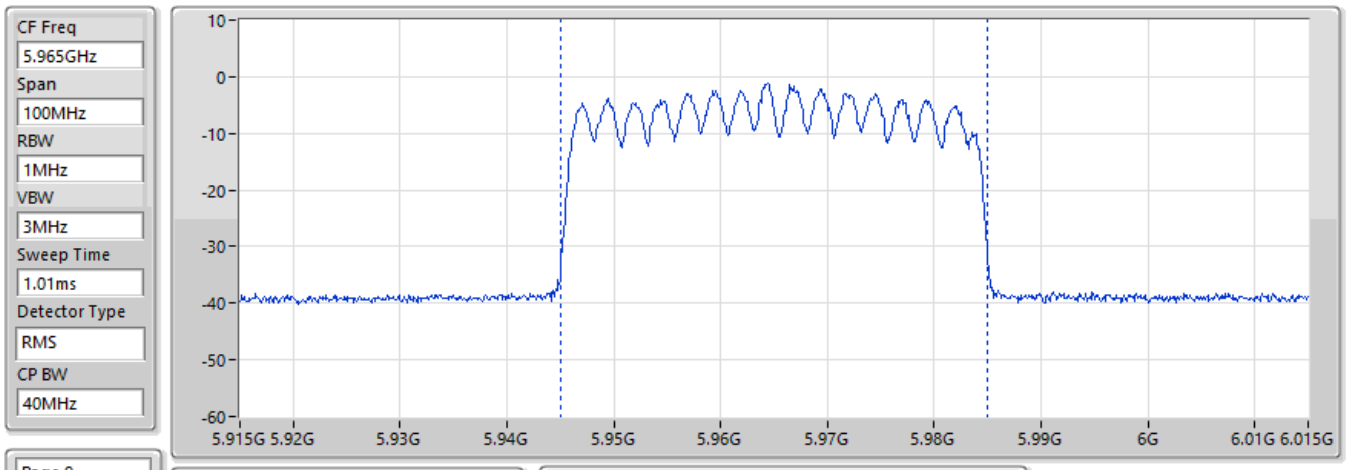
EIRP (dBm)
10.1

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-8.82	13.30	7.66	32.99	57.55

EIRP;Band:6.2G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:5965MHz;TX



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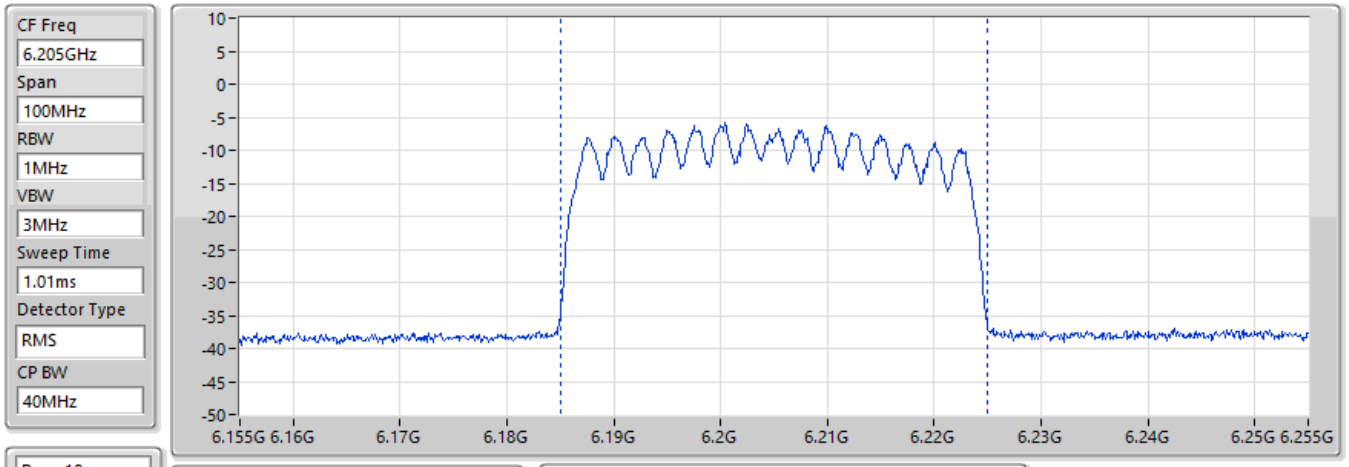
EIRP (dBm)
11.21

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-7.71	13.30	7.66	32.99	57.55

EIRP;Band:6.2G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6205MHz;TX



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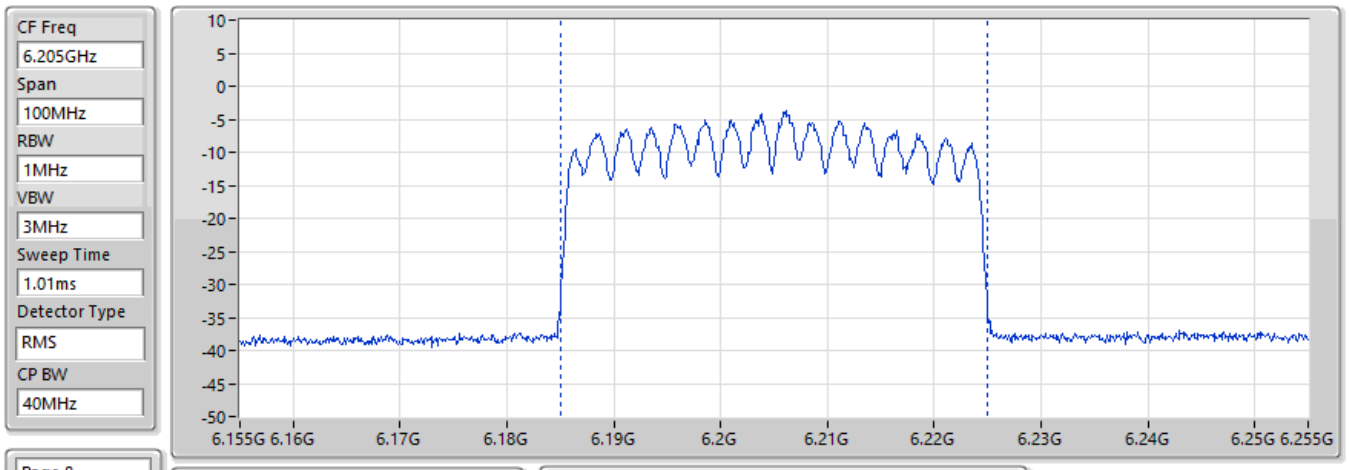
EIRP (dBm)
7.28

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-12.14	13.19	7.73	33.02	57.90

EIRP;Band:6.2G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6205MHz;TX



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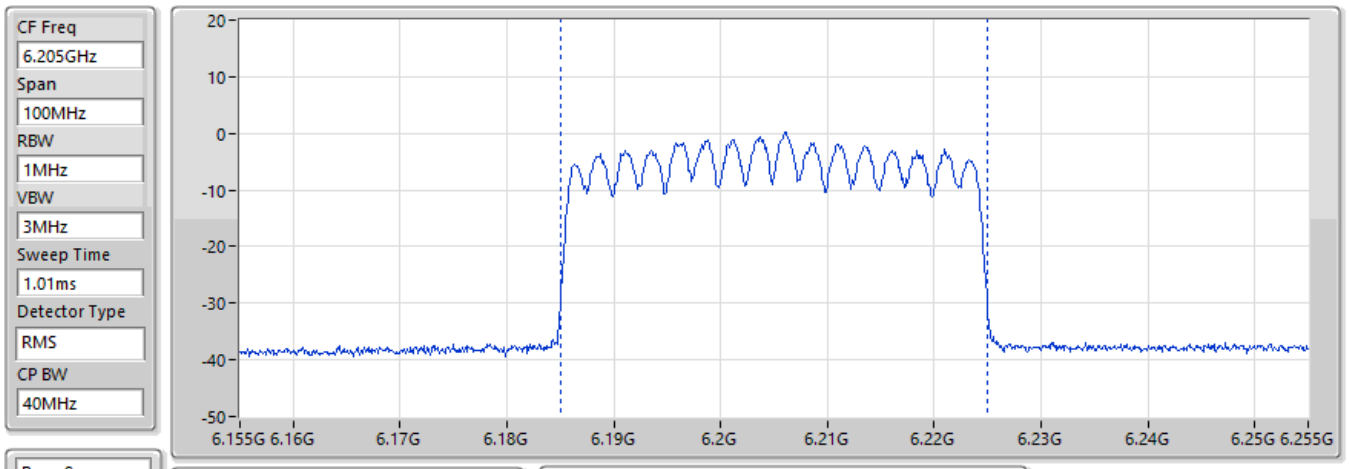
EIRP (dBm)
8.54

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-10.88	13.19	7.73	33.02	57.90

EIRP;Band:6.2G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6205MHz;TX



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EIRP (dBm)
12.38

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-7.04	13.19	7.73	33.02	57.90