Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	Z8H89FT0082
Equipment	:	6094HH
Brand Name	:	Cambium Networks
Model Name	:	6094HH
Applicant	:	Cambium Networks Inc. 3800 Golf Road, Suite 360 Rolling Meadows, IL 60008, USA
Manufacturer	:	Cambium Networks, Ltd. Ashburton, TQ13 7UP, UK
Standard	:	47 CFR FCC Part 15.407

The product was received on Oct. 18, 2023, and testing was started from Dec. 01, 2023 and completed on Dec. 20, 2023. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this variant 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
FR380301-01	01	Initial issue of report	Mar. 15, 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	-
3.4	15.407(a)	Peak Power Spectral Density (E.I.R.P.)	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-
-	15.407(d)	Contention-Based Protocol	N/A	Standard Client & Fixed Client w/o test

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:

1. 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.
2. The test configuration, test mode and test software were written in this test report are declared by the manufacturer.

Reviewed by: Sam Chen
Report Producer: Sophia Shiung

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	Ch. Bandwidth (MHz)	Ch. Frequency (MHz)	Ch. Space (MHz)
5925-6425	5	5928-6422	1
6525-6875		6528-6872	1
5925-6425	40	5945-6405	1
6525-6875		6545-6855	1

Band	Mode	BWch (MHz)	Nant
5.925-6.425GHz	QPSK5	5	2TX
5.925-6.425GHz	QPSK40	40	2TX
6.525-6.875GHz	QPSK5	5	2TX
6.525-6.875GHz	QPSK40	40	2TX

Note:
- The 6GHz function uses QPSK modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

For EUT 1

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	Cambium	Canopy V Dish Antenna	Dish	RP-SMA	Note 1
	Cambium	Canopy V Dish Antenna	Dish	RP-SMA	
	Cambium	Canopy V Dish Antenna	Dish	RP-SMA	
	Cambium	Canopy V Dish Antenna	Dish	RP-SMA	

Note 1:

Ant.	Port					Gain (dBi)	
	WLAN 5GHz			WLAN 6GHz		WLAN 5GHz	WLAN 6GHz
	R1	R2	R1+R2	R1	R2		
1	-	1	3	-	1	21.922	21.892
	-	2	4	-	2	21.853	21.898
	2	-	2	2	-	21.893	21.893
	1	-	1	1	-	21.851	21.851

For EUT 2

Ant.	Port			Brand	Model Name	Antenna Type	Connector	Gain (dBi)
	WLAN 5GHz							WLAN 5GHz
	R1	R2	R1+R2					
1	-	1	3	Cambium	Canopy V Patch Antenna	Patch	RP-SMA	3.20
	-	2	4	Cambium	Canopy V Patch Antenna	Patch	RP-SMA	3.20
	2	-	2	Cambium	Canopy V Patch Antenna	Patch	RP-SMA	4.20
	1	-	1	Cambium	Canopy V Patch Antenna	Patch	RP-SMA	4.70

Note 2: An EUT will only be equipped with one type of antenna.

Note 3: The above information was declared by manufacturer.

Note 4: **For 5GHz function:**

For Radio 1 (R1) (2TX/2RX):

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

Port 1~2 could transmit/receive simultaneously.

For Radio 2 (R2) (2TX/2RX):

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

Port 1~2 could transmit/receive simultaneously.

For Radio 1 + Radio 2 (R1+R2) (2TX/2RX):

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

Port 1~4 could transmit/receive simultaneously.

For 6GHz function:

For Radio 1 (R1) (2TX/2RX):

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

Port 1~2 could transmit/receive simultaneously.

For Radio 2 (R2) (2TX/2RX):

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

Port 1~2 could transmit/receive simultaneously.

Note 5: Directional gain information for WLAN 5GHz

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

Ex.

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

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

Where ;

Dish Antenna (Cross-Polarized Antenna)

5G UNII-1 G1 = 21.893 dBi; G2 = 21.851 dBi;

5G UNII-3 G1 = 21.922 dBi; G2 = 21.853 dBi;

5G UNII-1 DG = 21.893 dBi

5G UNII-3 DG = 21.922 dBi

Patch Antenna (Cross-Polarized Antenna)

5G UNII-1 G1 = 4.20 dBi; G2 = 4.70 dBi;

5G UNII-3 G1 = 3.20 dBi; G2 = 3.20 dBi;

5G UNII-1 DG = 4.70 dBi

5G UNII-3 DG = 3.20 dBi

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
QPSK5	0.976	0.11	2.437m	1k
QPSK40	0.976	0.11	2.435m	1k

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

1.1.4 EUT Operational Condition

EUT Power Type	From PoE			
Beamforming Function	☐	With beamforming	☒	Without beamforming
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
Test Software Version	DOS [ver 6.1.7601]			

Note 1: The above information was declared by manufacturer.
Note 2: This test report tested fixed client mode only.

1.1.5 Table for EUT Information

EUT	Antenna Type	Support
1	Dish	WLAN 5GHz / 6GHz
2	Patch	WLAN 5GHz

Note: The above information was declared by manufacturer.

1.1.6 Table for Radio Function

Radio (R)	Function
R1	Support 5GHz UNII 1 and 6GHz UNII 5
R2	Support 5GHz UNII 3 and 6GHz UNII 7

Note: The above information was declared by manufacturer.

1.1.7 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR380301.

Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
For EUT 1, add the UNII 5 and UNII 7 for Fix Client (6FC) and Standard Client (6FX) through SW change which bandwidth is available for 5MHz and 40MHz only.	For EUT 1: All test items (For Fixed Client mode only.)

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

1.3 Testing Location Information

Testing Location Information	
Test Lab.：Sporton International Inc. Hsinchu Laboratory	
Hsinchu (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	TH01-CB	Mason Chan	24.3~25.1 / 62~68	Dec. 01, 2023~ Dec. 04, 2023
RF Radiated (E.I.R.P. Power / PSD)	03CH01-CB	Paul Hu	21~22 / 56~59	Dec. 01, 2023~ Dec. 02, 2023
Radiated < 1GHz	10CH01-CB	Ryan Huang	21~22 / 51~52	Dec. 20, 2023
Radiated > 1GHz	03CH01-CB	Paul Hu	21~22 / 56~59	Dec. 01, 2023~ Dec. 02, 2023
AC Conduction	CO02-CB	Gray Lee	22~23 / 55~56	Dec. 20, 2023

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	5.0 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.0 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.1 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	3.1 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.1 dB	Confidence levels of 95%
Bandwidth Measurement	2.2%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode
QPSK5_5MHz_Nss1_2TX
5928MHz
6175MHz
6422MHz
6528MHz
6700MHz
6872MHz
QPSK40_40MHz_Nss1_2TX
5945MHz
6175MHz
6405MHz
6545MHz
6700MHz
6855MHz

2.2 The Worst Case Measurement Configuration

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum E.I.R.P. at any elevation angle above 30 degrees Emission MASK
Test Condition	Conducted measurement at transmit chains

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.
Test Mode	After evaluating, EUT in Y axis was the worst case, so the measurement will follow this same test configuration.
1	EUT 1 in Y axis

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz & Operating Mode > 1GHz	CTX
	After evaluating, EUT in Y axis was the worst case, so the measurement will follow this same test configuration.
1	EUT 1 in Y axis

Note: The PoE was for measurement only and would not be marketed. Its information is shown as below:

Equipment	Brand Name	Model Name
PoE	Cambium	NET-P60-56IN

2.3 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

2.4 Accessories

Wall bracket*1 (For EUT 1 only)

2.5 Support Equipment

For AC Conduction and Radiated < 1GHz:

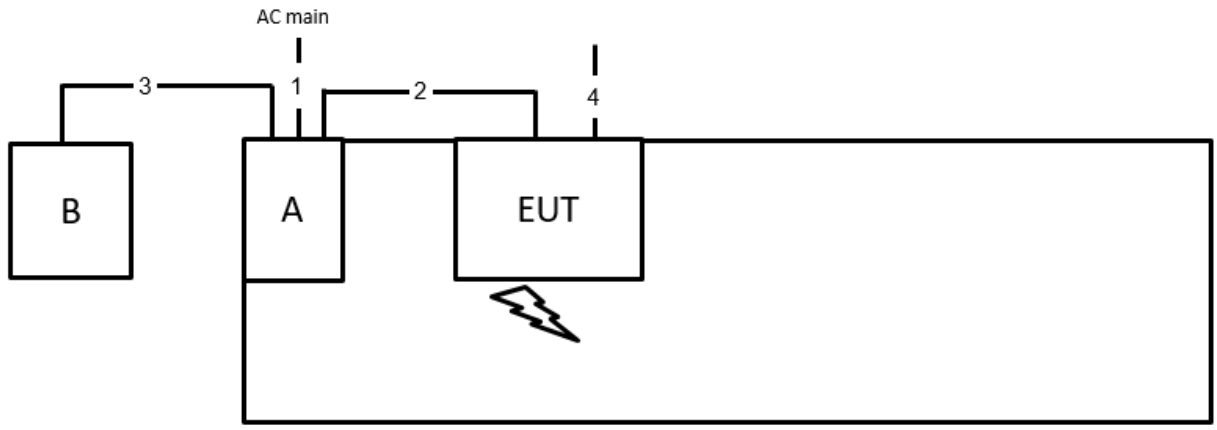
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PoE	Cambium	NET-P60-56IN	N/A
B	LAN NB	DELL	E6430	N/A

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

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	PoE	Cambium	NET-P60-56IN	N/A

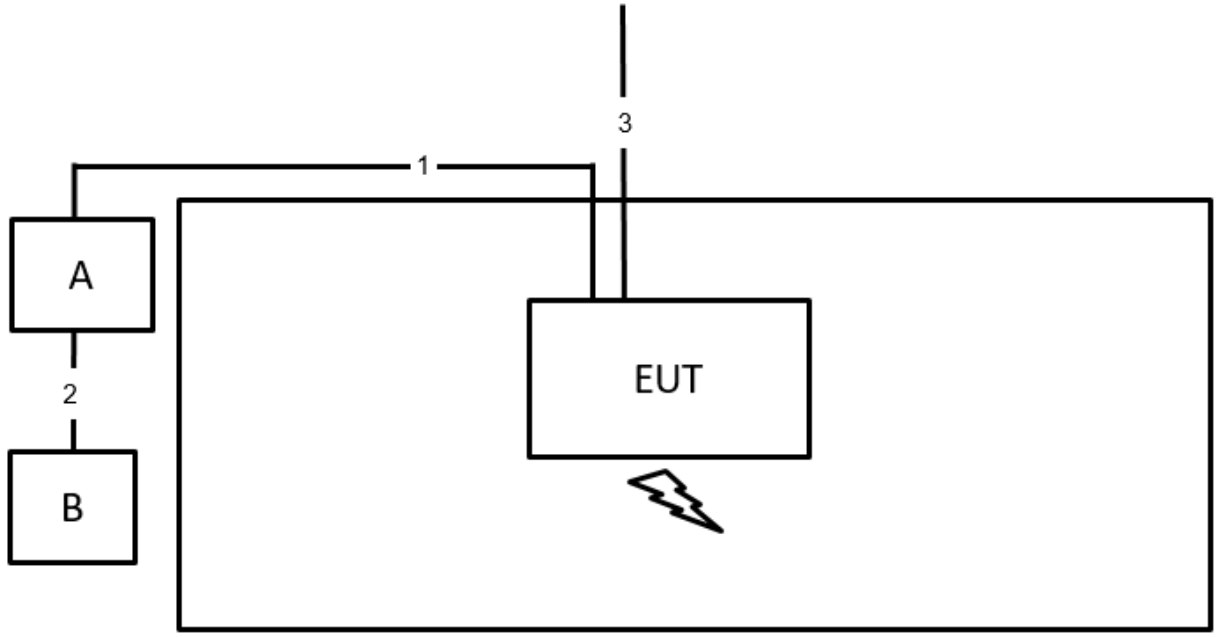
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



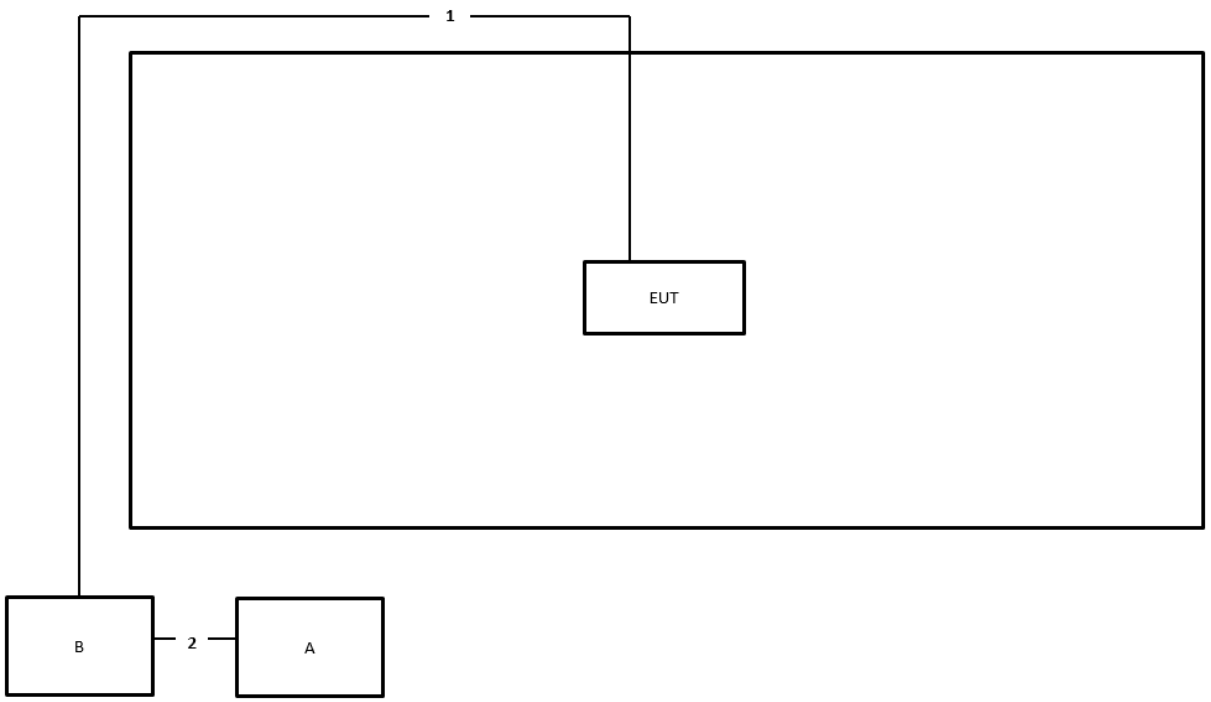
Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	10m
4	Ground cable	No	1.8m

Test Setup Diagram - Radiated Test < 1GHz



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

Test Setup Diagram - Radiated Test > 1GHz



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

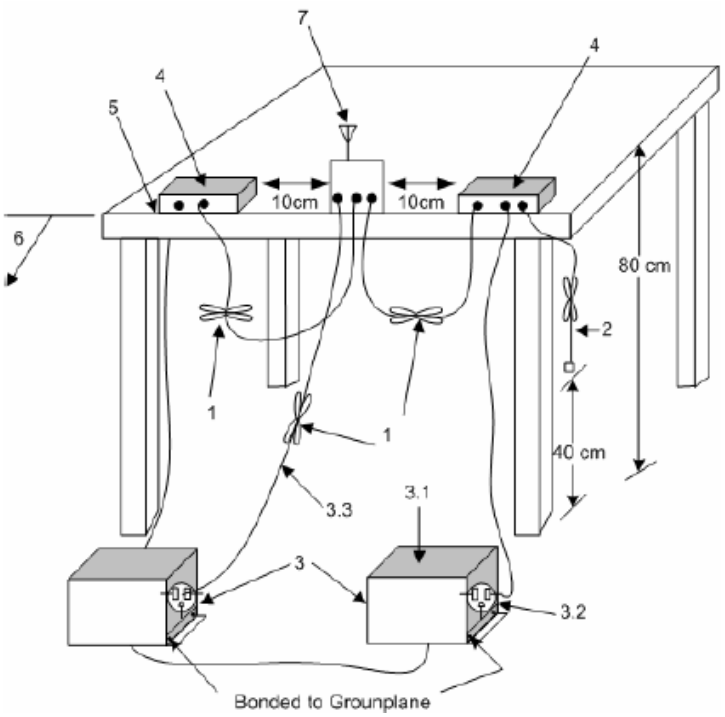
Refer a test equipment and calibration data table in this test report.

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

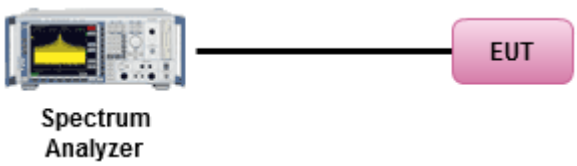
Refer a test equipment and calibration data table in this test report.

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
	☒ For others: 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
	☒ For Phi 30°: 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.

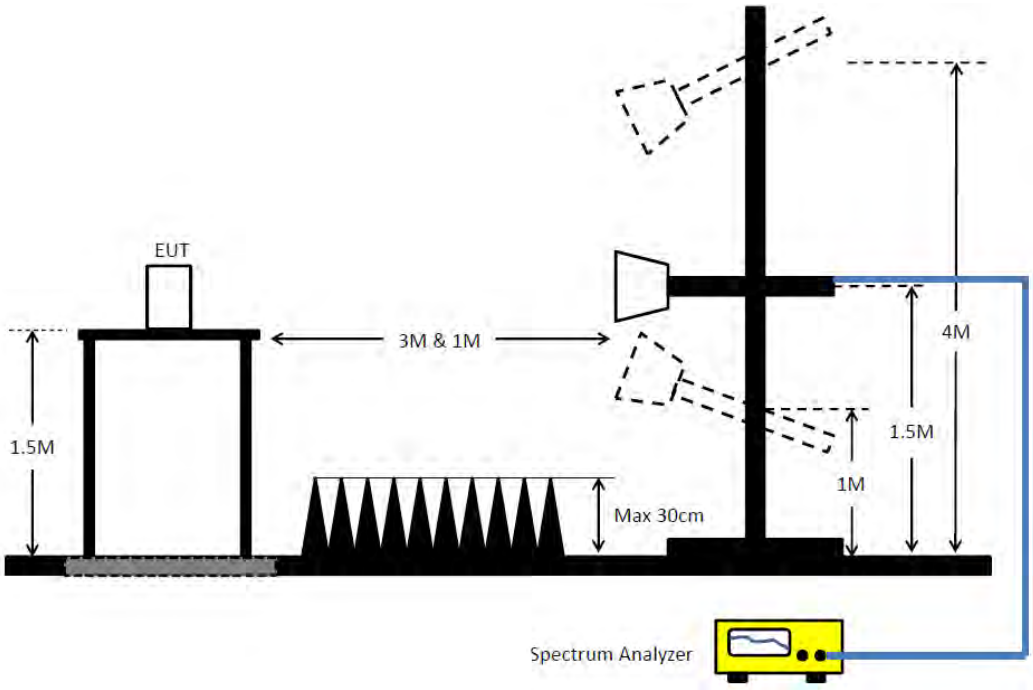
3.3.4 Test Setup

For Phi 30°:

Conducted Measurement (Power Meter)


For others:

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.

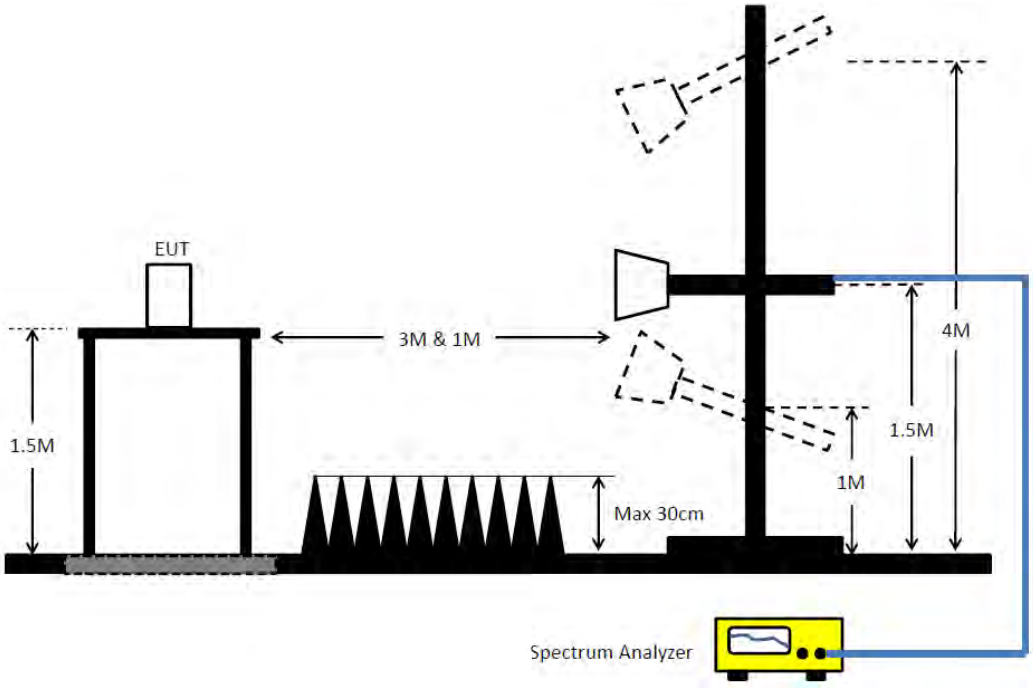
3.4.3 Test Procedures

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

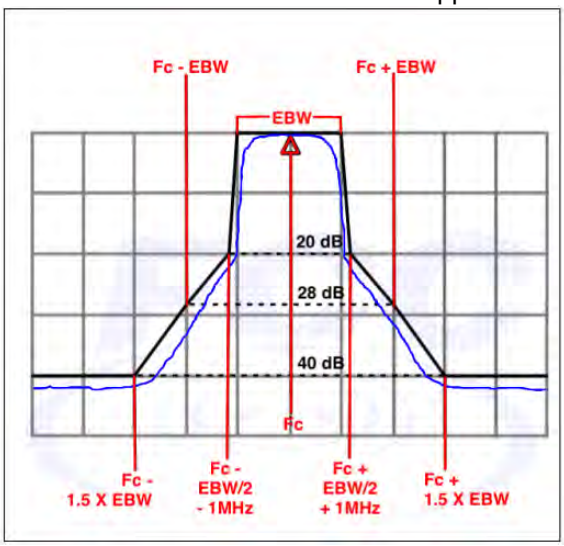
Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	**Field Strength (uV/m)**	**Field Strength (dBuV/m)**	**Measure Distance (m)**
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	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 – 6.875 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 – 6.875 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.

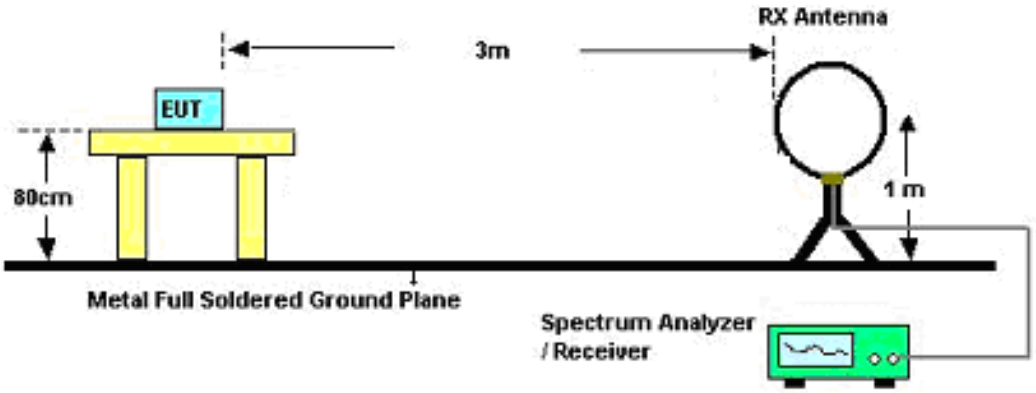
3.5.3 Test Procedures

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.			

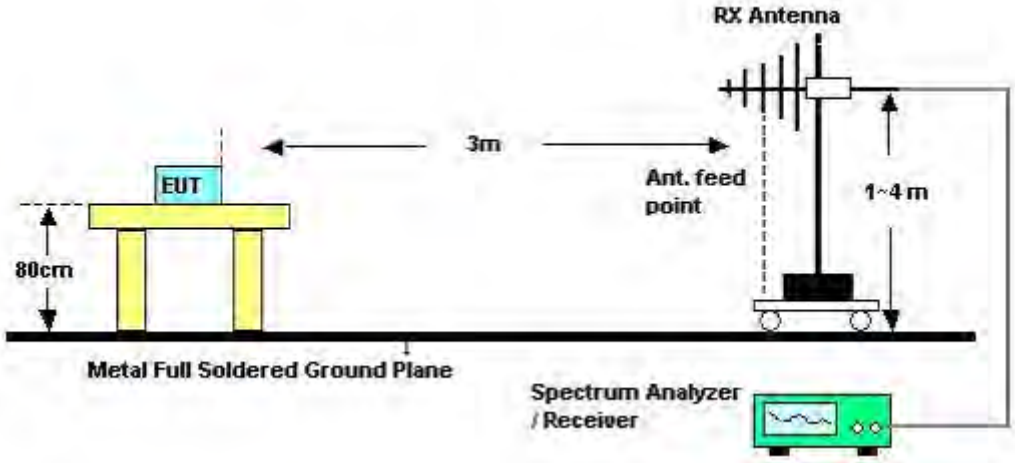
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

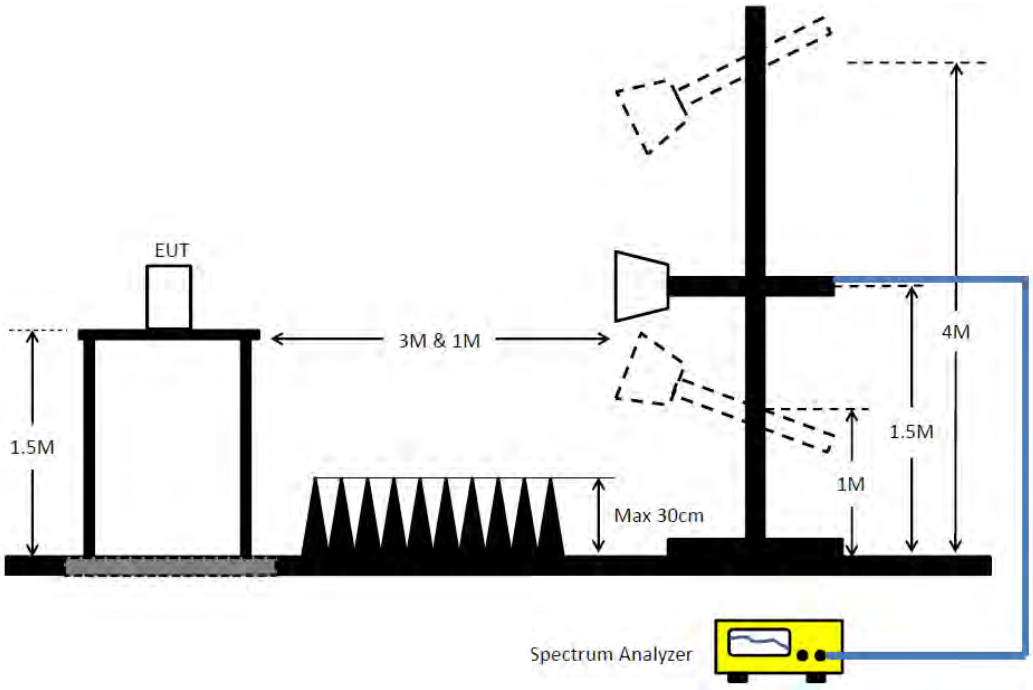
9kHz ~30MHz



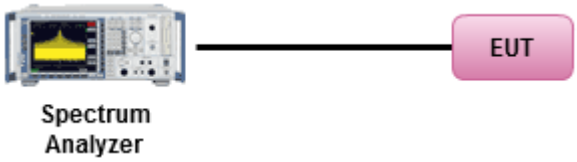
30MHz~1GHz



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

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Apr. 06, 2023	Apr. 05, 2024	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 27, 2023	Apr. 26, 2024	Conduction (CO02-CB)
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	May 18, 2023	May 17, 2024	Conduction (CO02-CB)
COND Cable	Woken	Cable	2	0.15MHz ~ 30MHz	Oct. 17, 2023	Oct. 16, 2024	Conduction (CO02-CB)
Pulse Limiter	Schwarzbeck	VTSD 9561F-N	00378	9kHz ~ 30MHz	Oct. 17, 2023	Oct. 16, 2024	Conduction (CO02-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO02-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30 MHz	Oct. 13, 2023	Oct. 12, 2024	Radiation (10CH01-CB)
10m Semi Anechoic Chamber NSA	TDK	SAC-10M	10CH01-CB	30MHz~1GHz 10m,3m	Jan. 18, 2023	Jan. 17, 2024	Radiation (10CH01-CB)
Amplifier	Agilent	8447D	2944A10783	9kHz ~ 1.3GHz	Mar. 10, 2023	Mar. 09, 2024	Radiation (10CH01-CB)
Amplifier	Agilent	8447D	2944A10784	9kHz ~ 1.3GHz	Mar. 10, 2023	Mar. 09, 2024	Radiation (10CH01-CB)
Low Cable	Woken	SUCOFLEX 104	low cable-01	25MHz ~ 1GHz	Oct. 17, 2023	Oct. 16, 2024	Radiation (10CH01-CB)
Low Cable	Woken	SUCOFLEX 104	low cable-02	25MHz ~ 1GHz	Oct. 17, 2023	Oct. 16, 2024	Radiation (10CH01-CB)
EMI Test Receiver	Rohde&Schwarz	ESCI	100186	9kHz ~ 3GHz	Jul. 11, 2023	Jul. 10, 2024	Radiation (10CH01-CB)
Spectrum Analyzer	Rohde&Schwarz	FSV30	101026	9kHz ~ 30GHz	Apr. 19, 2023	Apr. 18, 2024	Radiation (10CH01-CB)
Bilog Antenna with 6dB Attenator	Schaffner & EMCI	CBL6112B& N-6-06	2888&AT-N0605	30MHz ~ 1GHz	Jan. 19, 2023	Jan. 18, 2024	Radiation (10CH01-CB)
Amplifier	EM	EM101	060703	10MHz ~ 1GHz	Oct. 18, 2023	Oct. 17, 2024	Radiation (10CH01-CB)
Low Cable	TITAN	T318E	low cable-03	30MHz ~ 1GHz	Nov. 23, 2023	Nov. 22, 2024	Radiation (10CH01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (10CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 05, 2023	May 04, 2024	Radiation (03CH01-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Horn Antenna	ETS-LINDGREN	3115	00075790	750MHz ~ 18GHz	Oct. 30, 2023	Oct. 29, 2024	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 18, 2023	May 17, 2024	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH184	20230109-3	18~40GHz	Jan. 13, 2023	Jan. 12, 2024	Radiation (03CH01-CB)
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Nov. 28, 2023	Nov. 27, 2024	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Nov. 06, 2023	Nov. 05, 2024	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Nov. 06, 2023	Nov. 05, 2024	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40 GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH01-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1GHz ~ 7.4GHz	Oct. 03, 2023	Oct. 02, 2024	Radiation (03CH01-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1GHz ~ 8GHz	Oct. 03, 2023	Oct. 02, 2024	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 29, 2023	May 28, 2024	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1~26.5 GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
Power Sensor	Anritsu	MA2411B	1339408	300MHz~ 40GHz	Sep. 12, 2023	Sep. 11, 2024	Conducted (TH01-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
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)

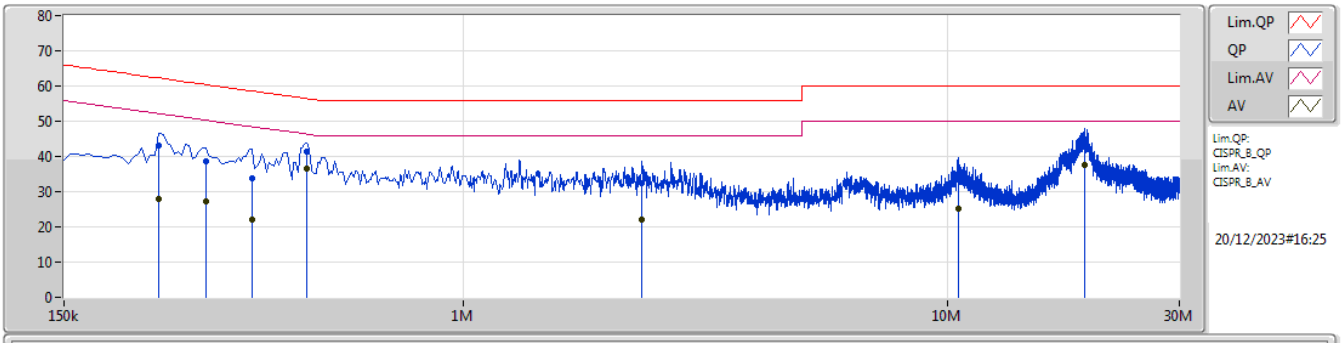
Note: Calibration Interval of instruments listed above is one year.

NCR means Non-Calibration required.

Summary

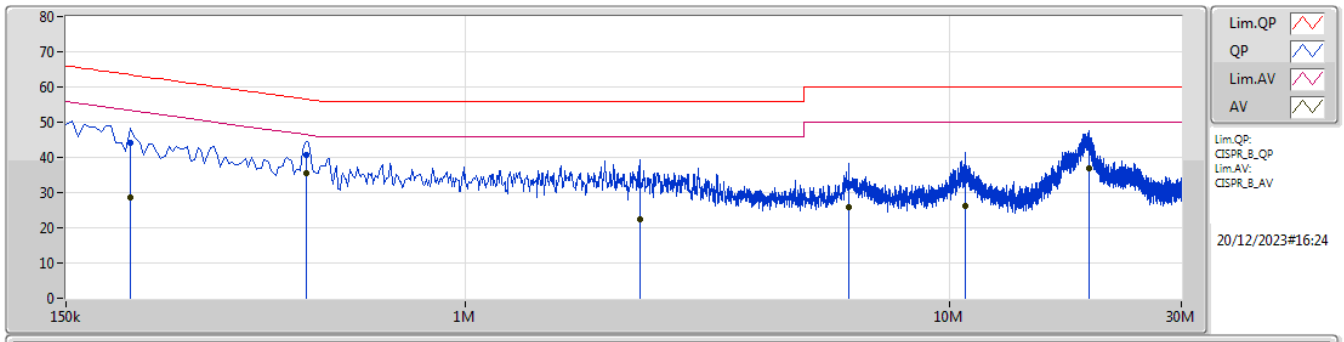
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	474k	36.59	46.44	-9.85	Line

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	235.5k	43.01	62.25	-19.24	10.06	Line	-	32.95	0.04	0.03	9.99
AV	235.5k	28.05	52.25	-24.20	10.06	Line	-	17.99	0.04	0.03	9.99
QP	294k	38.50	60.42	-21.92	10.07	Line	-	28.43	0.04	0.03	10.00
AV	294k	27.08	50.42	-23.34	10.07	Line	-	17.01	0.04	0.03	10.00
QP	366k	33.77	58.60	-24.83	10.07	Line	-	23.70	0.04	0.03	10.00
AV	366k	22.19	48.60	-26.41	10.07	Line	-	12.12	0.04	0.03	10.00
QP	474k	41.26	56.44	-15.18	10.07	Line	-	31.19	0.04	0.03	10.00
AV	474k	36.59	46.44	-9.85	10.07	Line	"Worst"	26.52	0.04	0.03	10.00
QP	2.337M	32.45	56.00	-23.55	10.09	Line	-	22.36	0.08	0.08	9.93
AV	2.337M	21.90	46.00	-24.10	10.09	Line	-	11.81	0.08	0.08	9.93
QP	10.478M	34.08	60.00	-25.92	10.34	Line	-	23.74	0.21	0.13	10.00
AV	10.478M	25.23	50.00	-24.77	10.34	Line	-	14.89	0.21	0.13	10.00
QP	19.1M	44.15	60.00	-15.85	10.40	Line	-	33.75	0.32	0.18	9.90
AV	19.1M	37.56	50.00	-12.44	10.40	Line	-	27.16	0.32	0.18	9.90

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	204k	44.22	63.44	-19.22	10.07	Neutral	-	34.15	0.05	0.03	9.99
AV	204k	28.56	53.44	-24.88	10.07	Neutral	-	18.49	0.05	0.03	9.99
QP	469.5k	40.79	56.52	-15.73	10.08	Neutral	-	30.71	0.05	0.03	10.00
AV	469.5k	35.54	46.52	-10.98	10.08	Neutral	"Worst"	25.46	0.05	0.03	10.00
QP	2.288M	31.94	56.00	-24.06	10.09	Neutral	-	21.85	0.08	0.08	9.93
AV	2.288M	22.53	46.00	-23.47	10.09	Neutral	-	12.44	0.08	0.08	9.93
QP	6.194M	31.72	60.00	-28.28	10.21	Neutral	-	21.51	0.14	0.12	9.95
AV	6.194M	25.81	50.00	-24.19	10.21	Neutral	-	15.60	0.14	0.12	9.95
QP	10.73M	33.84	60.00	-26.16	10.32	Neutral	-	23.52	0.19	0.13	10.00
AV	10.73M	26.05	50.00	-23.95	10.32	Neutral	-	15.73	0.19	0.13	10.00
QP	19.361M	43.62	60.00	-16.38	10.30	Neutral	-	33.32	0.23	0.18	9.89
AV	19.361M	36.93	50.00	-13.07	10.30	Neutral	-	26.63	0.23	0.18	9.89

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
QPSK5_5MHz_Nss1_2TX	4.95M	4.604M	4M60G7D	4.895M	4.591M
QPSK40_40MHz_Nss1_2TX	37.95M	35.878M	35M9G7D	37.62M	35.732M
6.525-6.875GHz	-	-	-	-	-
QPSK5_5MHz_Nss1_2TX	4.978M	4.61M	4M61G7D	4.854M	4.598M
QPSK40_40MHz_Nss1_2TX	37.95M	35.938M	35M9G7D	37.73M	35.828M

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

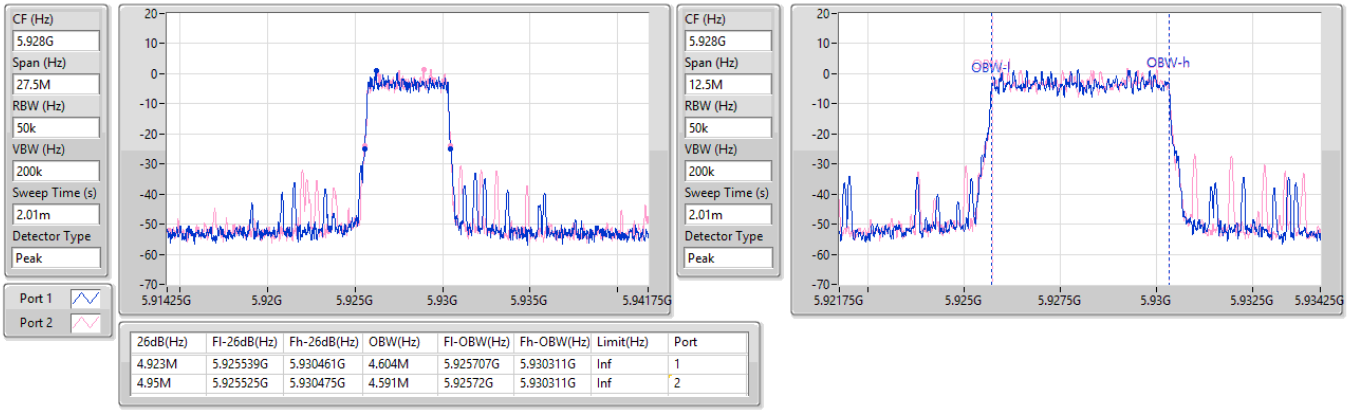
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
QPSK5_5MHz_Nss1_2TX	-	-	-	-	-	-
5928MHz	Pass	Inf	4.923M	4.604M	4.95M	4.591M
6175MHz	Pass	Inf	4.895M	4.604M	4.895M	4.604M
6422MHz	Pass	Inf	4.909M	4.598M	4.909M	4.604M
6528MHz	Pass	Inf	4.978M	4.598M	4.854M	4.604M
6700MHz	Pass	Inf	4.978M	4.598M	4.868M	4.604M
6872MHz	Pass	Inf	4.868M	4.598M	4.964M	4.61M
QPSK40_40MHz_Nss1_2TX	-	-	-	-	-	-
5945MHz	Pass	Inf	37.95M	35.732M	37.62M	35.732M
6175MHz	Pass	Inf	37.73M	35.878M	37.95M	35.796M
6405MHz	Pass	Inf	37.95M	35.782M	37.95M	35.832M
6545MHz	Pass	Inf	37.84M	35.828M	37.84M	35.938M
6700MHz	Pass	Inf	37.73M	35.876M	37.73M	35.881M
6855MHz	Pass	Inf	37.95M	35.882M	37.84M	35.832M

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_QPSK5_5MHz_Nss1_2TX **EBW**

5928MHz

04/12/2023

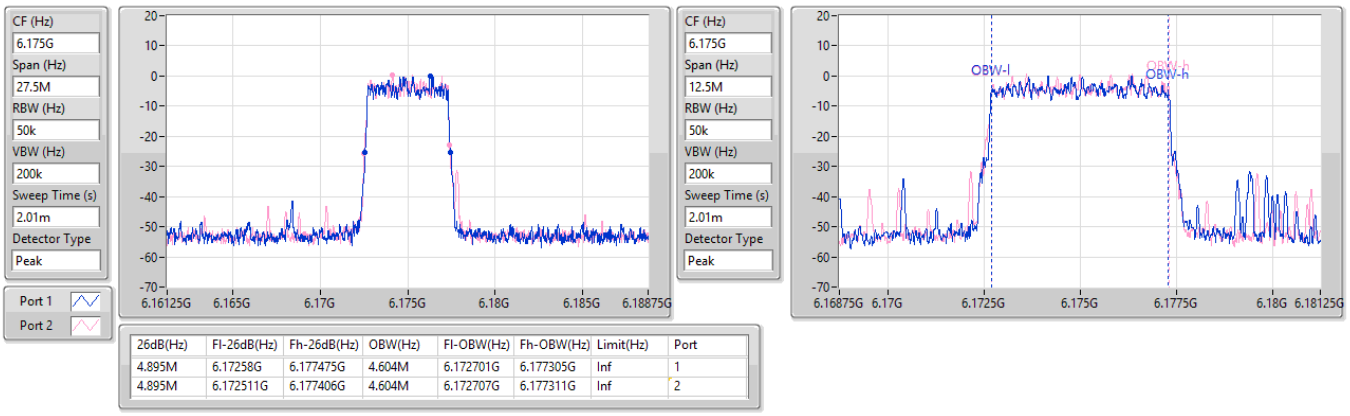


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.923M	5.925539G	5.930461G	4.604M	5.925707G	5.930311G	Inf	1
4.95M	5.925525G	5.930475G	4.591M	5.92572G	5.930311G	Inf	2

5.925-6.425GHz_QPSK5_5MHz_Nss1_2TX **EBW**

6175MHz

04/12/2023

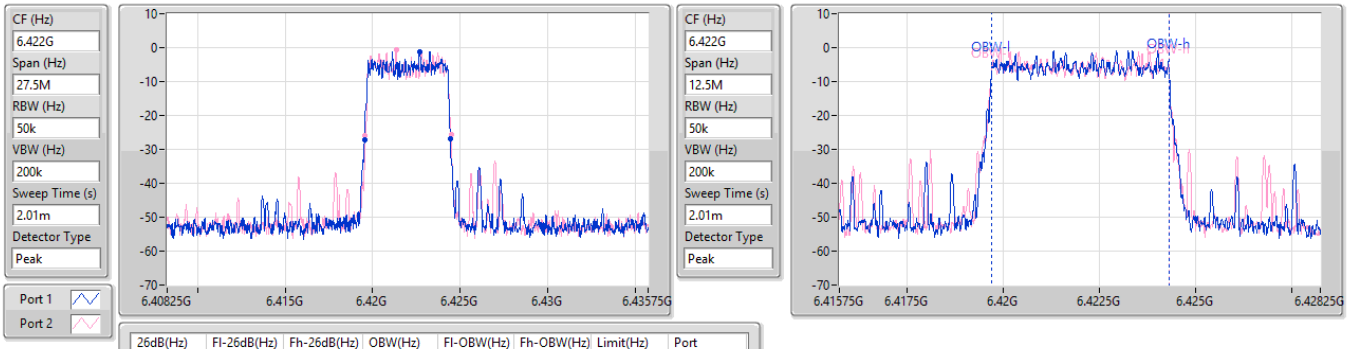


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.895M	6.17258G	6.177475G	4.604M	6.172701G	6.177305G	Inf	1
4.895M	6.172511G	6.177406G	4.604M	6.172707G	6.177311G	Inf	2

5.925-6.425GHz_QPSK5_5MHz_Nss1_2TX **EBW**

6422MHz

04/12/2023

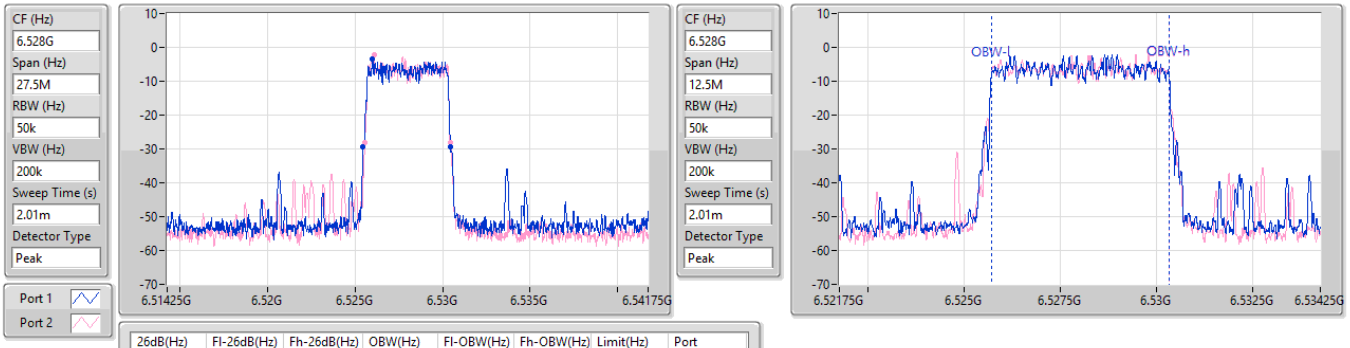


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.909M	6.419525G	6.424434G	4.598M	6.419714G	6.424311G	Inf	1
4.909M	6.41958G	6.424489G	4.604M	6.419707G	6.424311G	Inf	2

6.525-6.875GHz_QPSK5_5MHz_Nss1_2TX **EBW**

6528MHz

04/12/2023

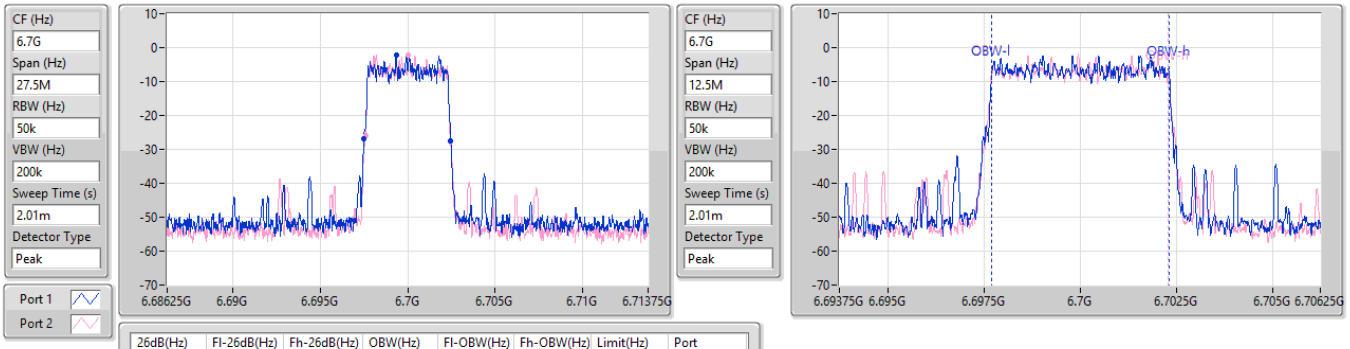


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.978M	6.525456G	6.530434G	4.598M	6.525714G	6.530311G	Inf	1
4.854M	6.525566G	6.53042G	4.604M	6.525707G	6.530311G	Inf	2

6.525-6.875GHz_QPSK5_5MHz_Nss1_2TX **EBW**

6700MHz

04/12/2023

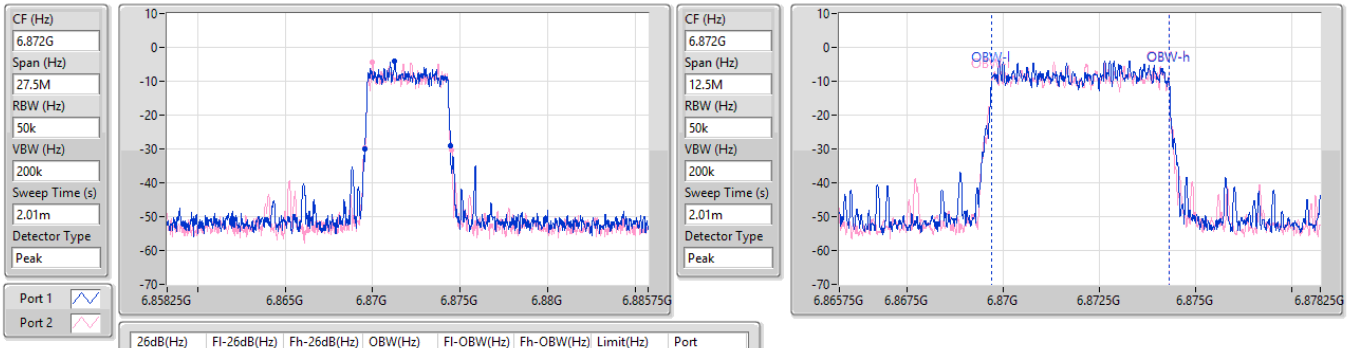


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.978M	6.697498G	6.702475G	4.598M	6.697714G	6.702311G	Inf	1
4.868M	6.697594G	6.702461G	4.604M	6.697701G	6.702305G	Inf	2

6.525-6.875GHz_QPSK5_5MHz_Nss1_2TX **EBW**

6872MHz

04/12/2023

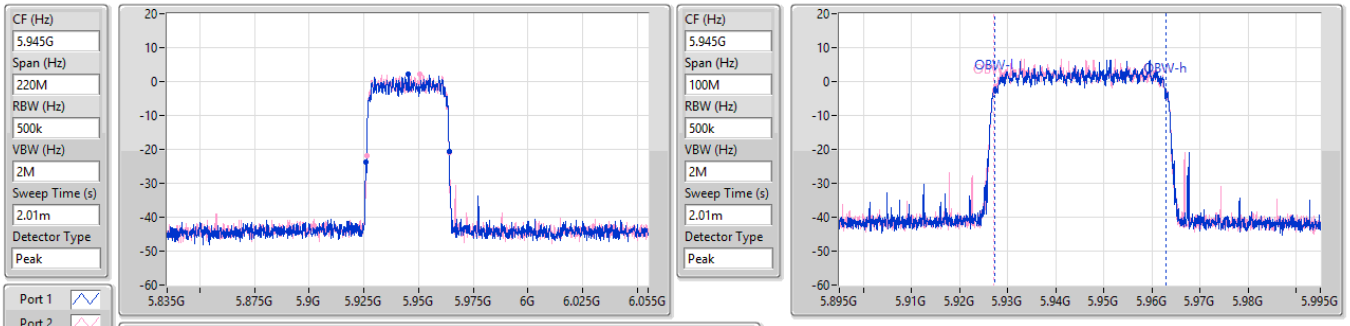


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.868M	6.869566G	6.874434G	4.598M	6.869714G	6.874311G	Inf	1
4.964M	6.869566G	6.87453G	4.61M	6.869701G	6.874311G	Inf	2

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX **EBW**

5945MHz

04/12/2023

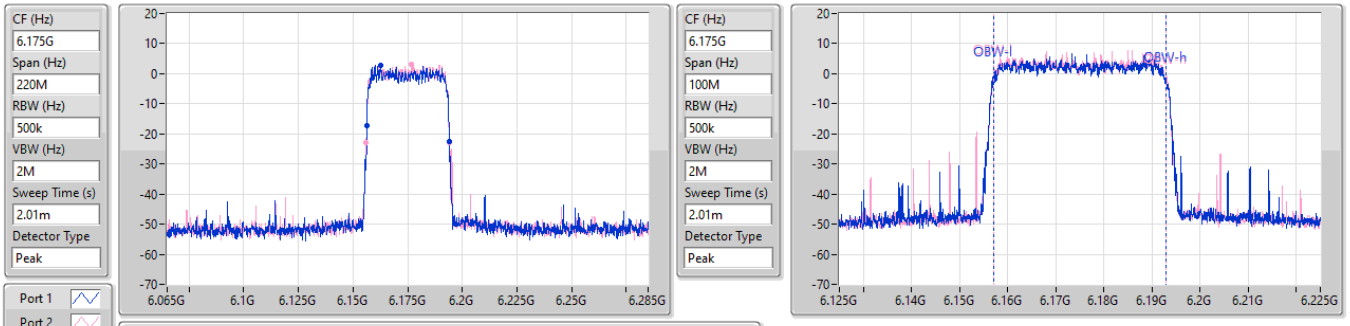


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.95M	5.92597G	5.96392G	35.732M	5.927209G	5.962941G	Inf	1
37.62M	5.9263G	5.96392G	35.732M	5.927159G	5.962891G	Inf	2

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX **EBW**

6175MHz

01/12/2023

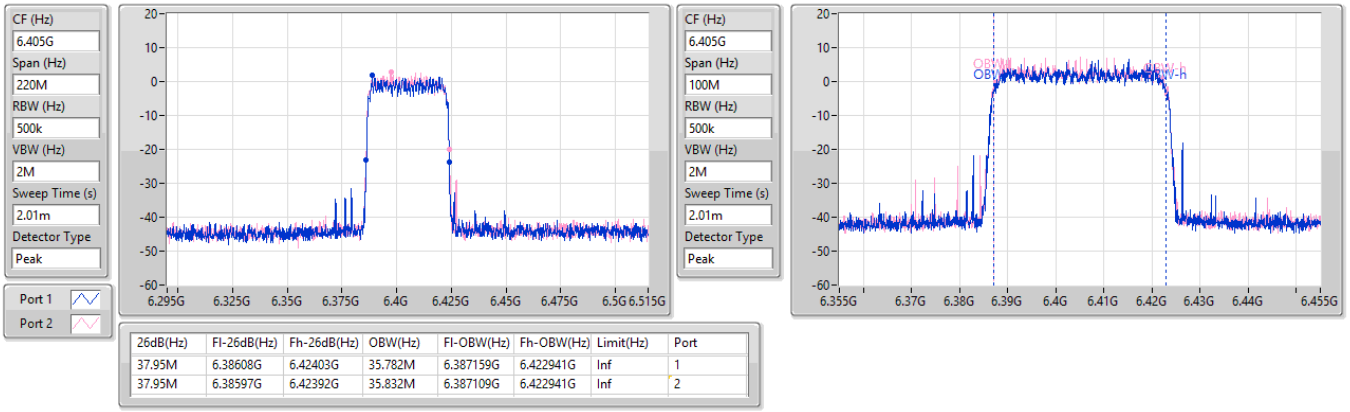


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.73M	6.1563G	6.19403G	35.878M	6.157041G	6.192919G	Inf	1
37.95M	6.15608G	6.19403G	35.796M	6.157119G	6.192916G	Inf	2

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX **EBW**

6405MHz

04/12/2023

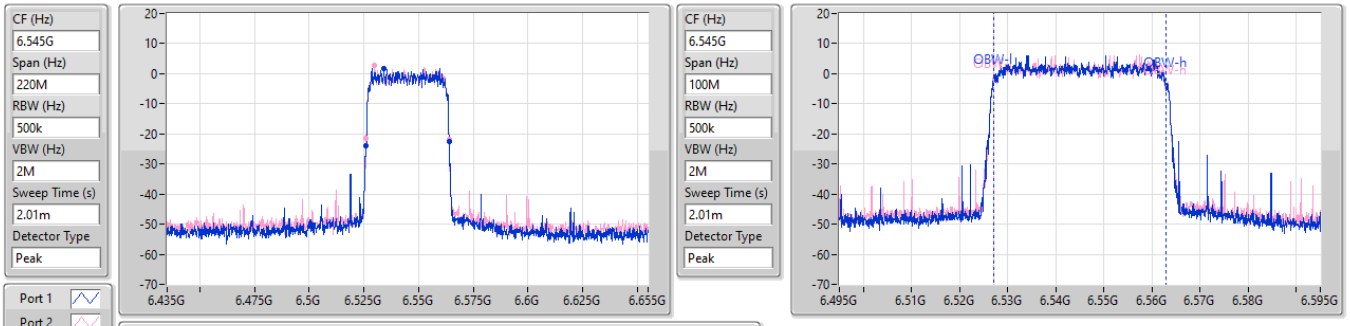


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.95M	6.38608G	6.42403G	35.782M	6.387159G	6.422941G	Inf	1
37.95M	6.38597G	6.42392G	35.832M	6.387109G	6.422941G	Inf	2

6.525-6.875GHz_QPSK40_40MHz_Nss1_2TX **EBW**

6545MHz

01/12/2023

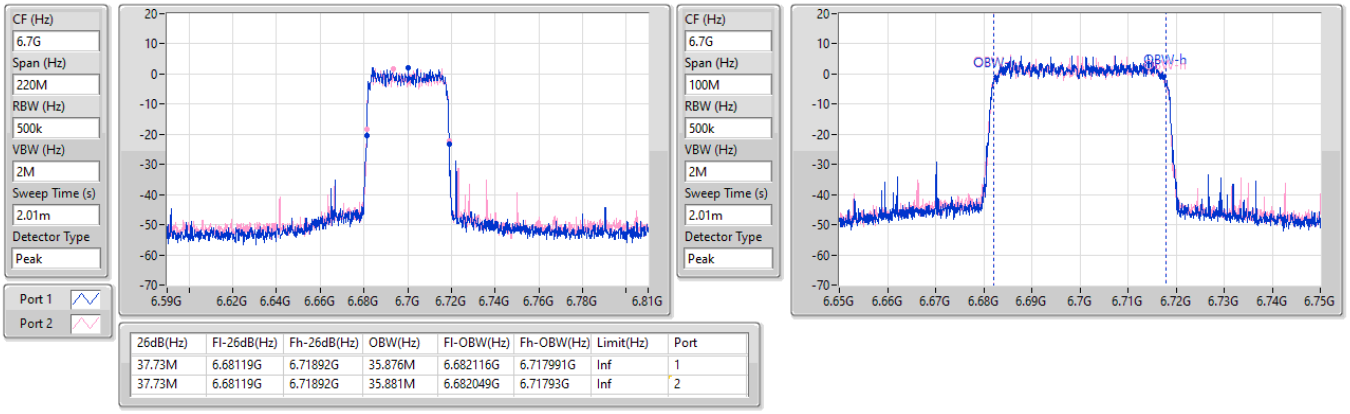


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.84M	6.52608G	6.56392G	35.828M	6.52711G	6.562938G	Inf	1
37.84M	6.52608G	6.56392G	35.938M	6.527077G	6.563015G	Inf	2

6.525-6.875GHz_QPSK40_40MHz_Nss1_2TX **EBW**

6700MHz

01/12/2023

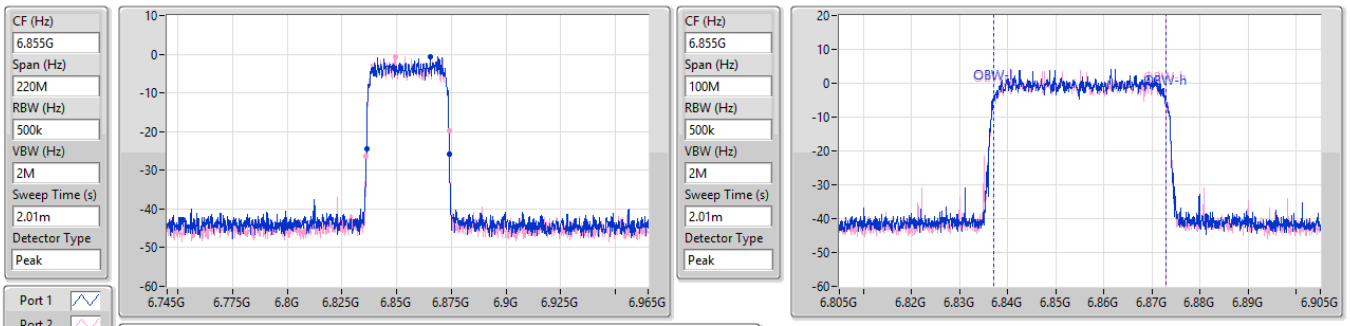


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.73M	6.68119G	6.71892G	35.876M	6.682116G	6.717991G	Inf	1
37.73M	6.68119G	6.71892G	35.881M	6.682049G	6.71793G	Inf	2

6.525-6.875GHz_QPSK40_40MHz_Nss1_2TX **EBW**

6855MHz

04/12/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.95M	6.83619G	6.87414G	35.882M	6.837059G	6.872941G	Inf	1
37.84M	6.83608G	6.87392G	35.832M	6.837109G	6.872941G	Inf	2

Summary

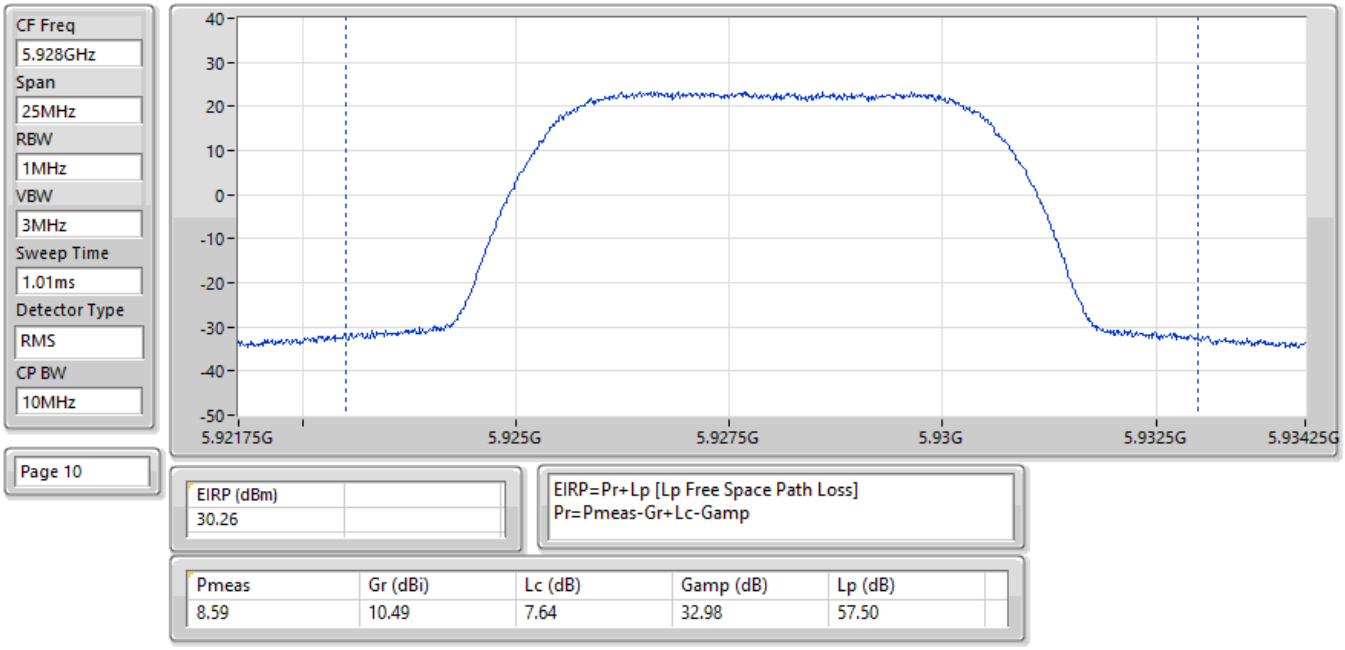
Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
QPSK5_5MHz_Nss1_2TX	30.27	1.06414
QPSK40_40MHz_Nss1_2TX	35.89	3.88150
6.525-6.875GHz	-	-
QPSK5_5MHz_Nss1_2TX	30.26	1.06170
QPSK40_40MHz_Nss1_2TX	35.82	3.81944

Result

Mode	Result	Radiated EIRP (dBm)	EIRP Limit (dBm)
QPSK5_5MHz_Nss1_2TX	-	-	-
5928MHz	Pass	30.26	36.00
6175MHz	Pass	30.09	36.00
6422MHz	Pass	30.27	36.00
6528MHz	Pass	30.26	36.00
6700MHz	Pass	29.77	36.00
6872MHz	Pass	29.68	36.00
QPSK40_40MHz_Nss1_2TX	-	-	-
5945MHz	Pass	33.20	36.00
6175MHz	Pass	34.66	36.00
6405MHz	Pass	35.89	36.00
6545MHz	Pass	35.19	36.00
6700MHz	Pass	35.82	36.00
6855MHz	Pass	35.74	36.00

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

EIRP;Band:6.2G;QPSK5;BWch:10MHz;Nss:1;Nant:2;Ch:5928MHz;TX

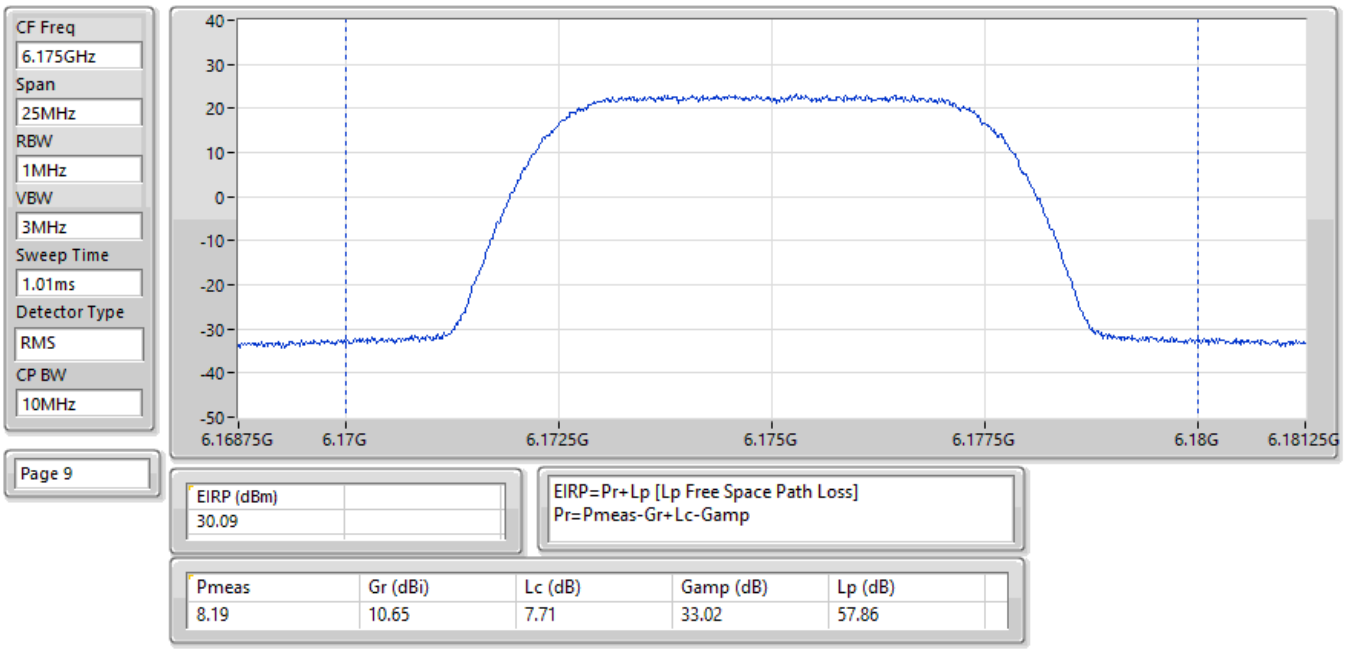


EIRP (dBm)
30.26

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
8.59	10.49	7.64	32.98	57.50

EIRP;Band:6.2G;QPSK5;BWch:10MHz;Nss:1;Nant:2;Ch:6175MHz;TX

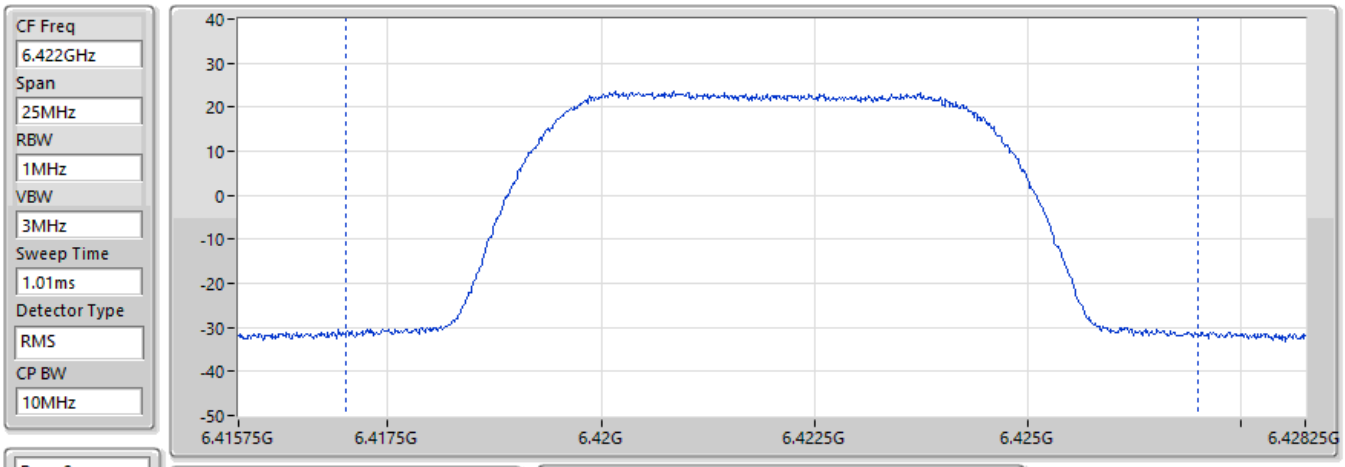


EIRP (dBm)
30.09

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
8.19	10.65	7.71	33.02	57.86

EIRP;Band:6.2G;QPSK5;BWch:10MHz;Nss:1;Nant:2;Ch:6422MHz;TX

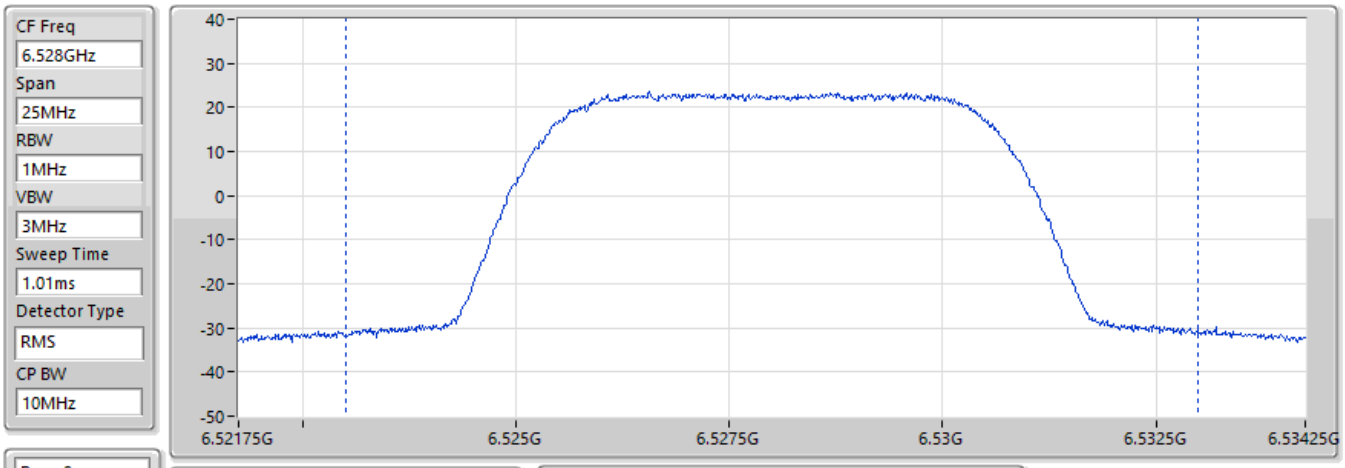


EIRP (dBm)
30.27

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
7.93	10.80	7.98	33.04	58.20

EIRP;Band:6.7G;QPSK5;BWch:10MHz;Nss:1;Nant:2;Ch:6528MHz;TX

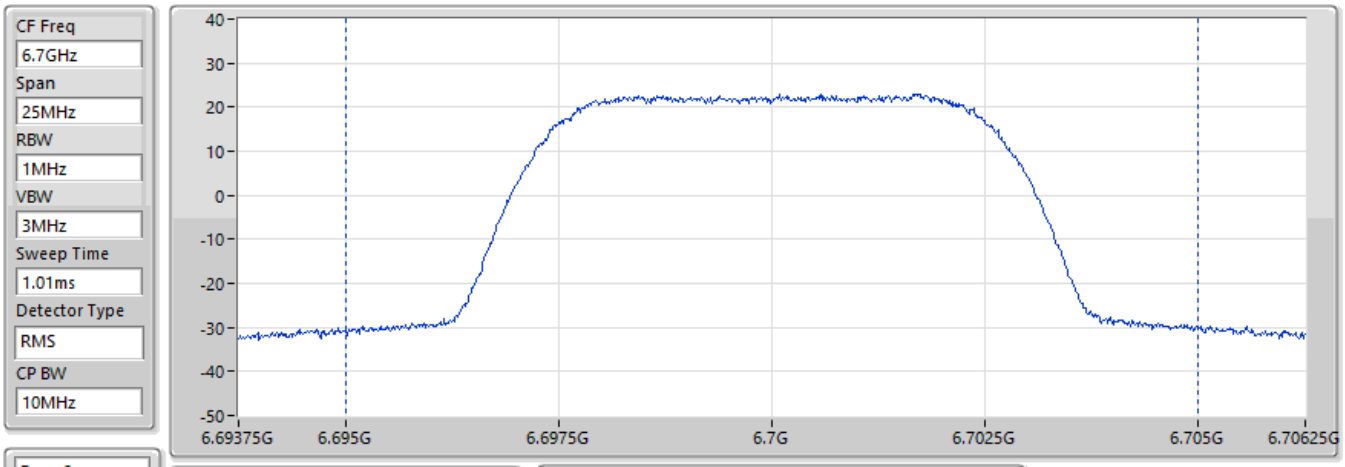


EIRP (dBm)
30.26

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
7.95	10.89	7.91	33.05	58.34

EIRP;Band:6.7G;QPSK5;BWch:10MHz;Nss:1;Nant:2;Ch:6700MHz;TX

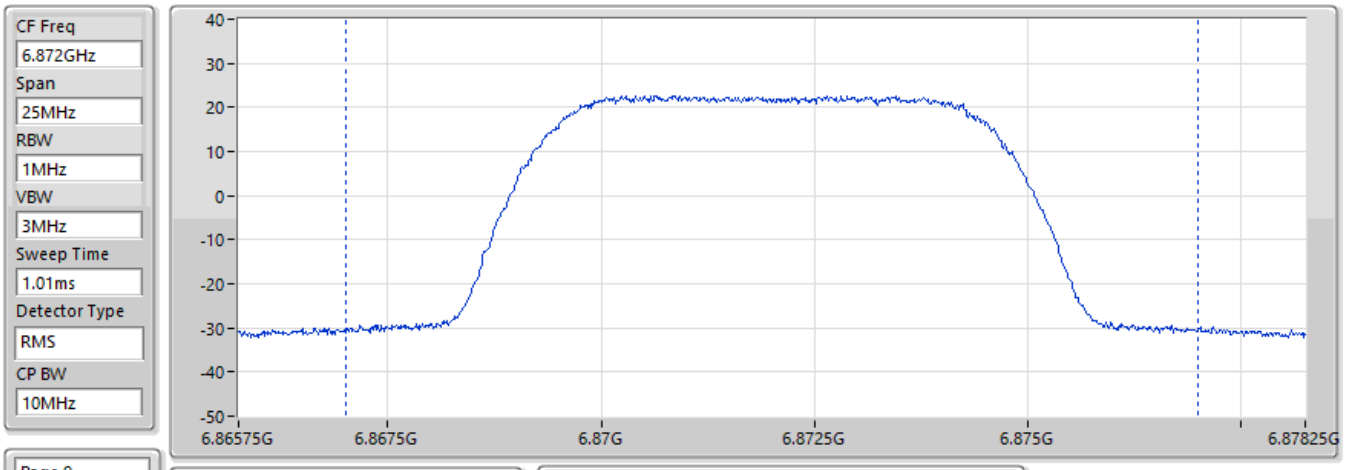


EIRP (dBm)
29.77

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
6.73	10.60	8.11	33.03	58.56

EIRP;Band:6.7G;QPSK5;BWch:10MHz;Nss:1;Nant:2;Ch:6872MHz;TX

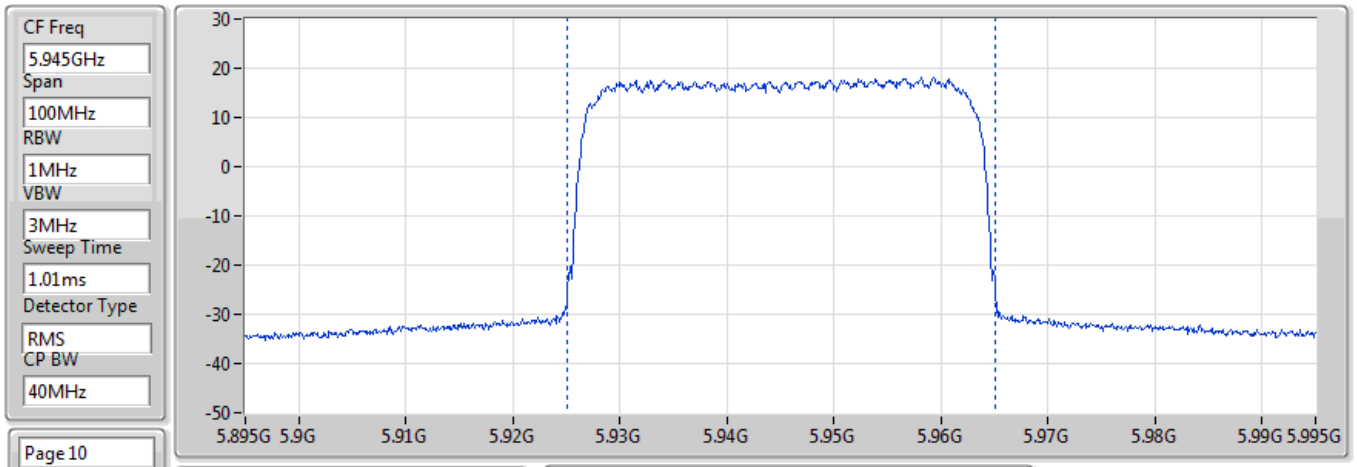


EIRP (dBm)
29.68

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
6.03	10.54	8.43	33.02	58.78

EIRP;Band:6.2G;QPSK40;BWch:40MHz;Nss:1;Nant:2;Ch:5945MHz;TX

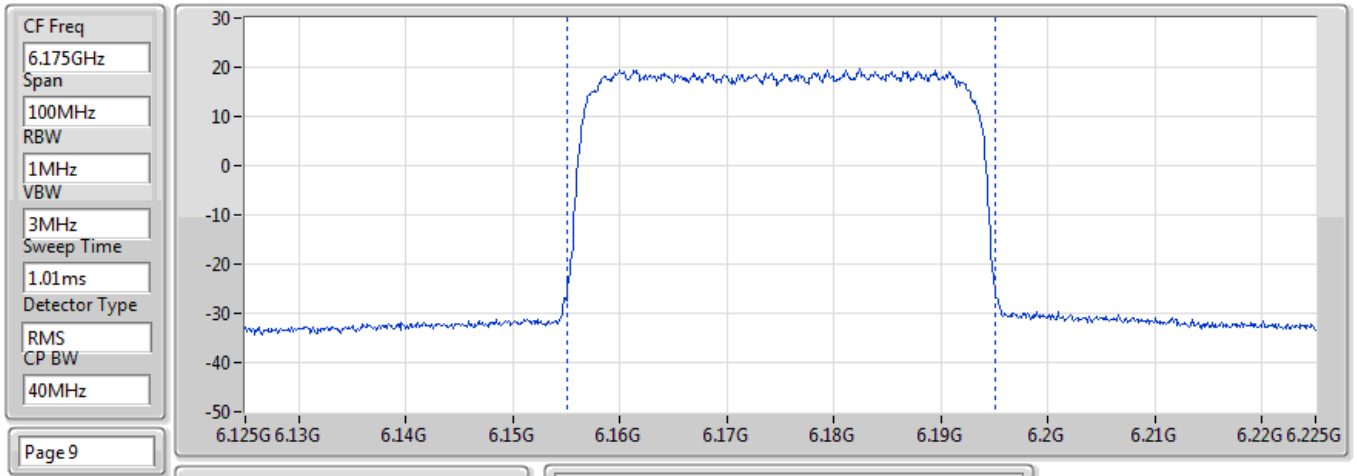


EIRP (dBm)
33.2

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
11.42	10.42	7.65	32.98	57.53

EIRP;Band:6.2G;QPSK40;BWch:40MHz;Nss:1;Nant:2;Ch:6175MHz;TX

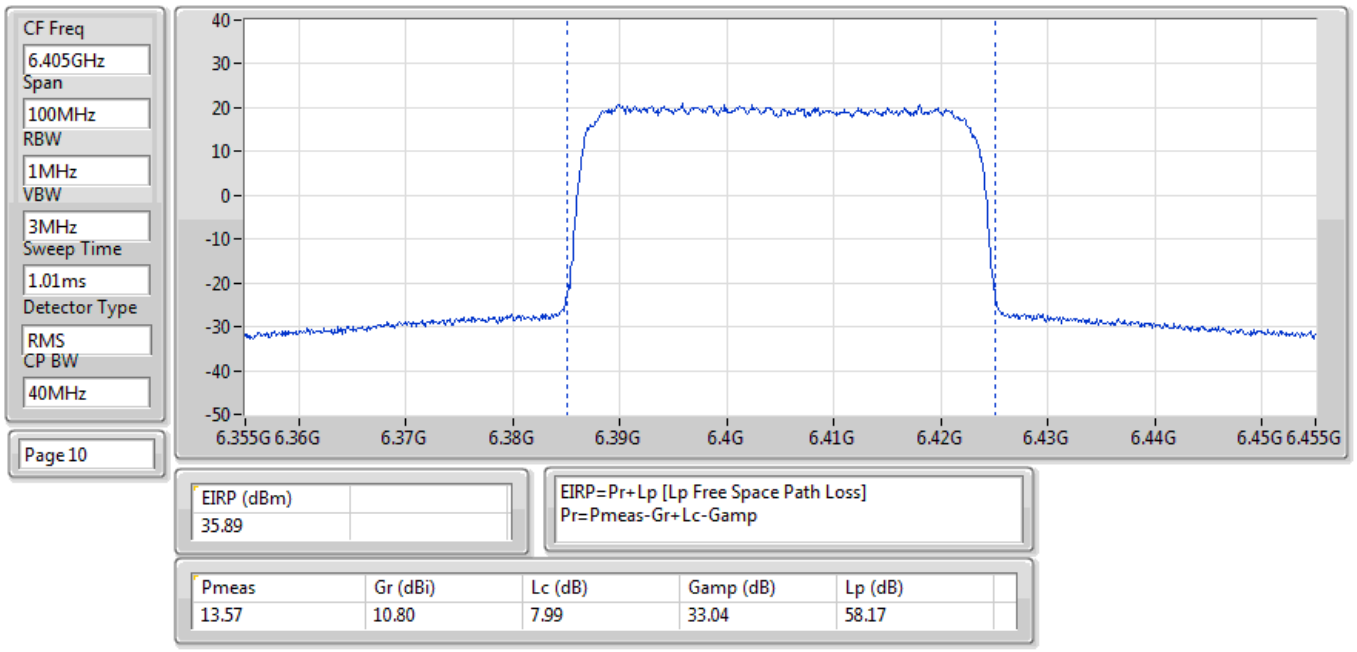


EIRP (dBm)
34.66

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
12.76	10.65	7.71	33.02	57.86

EIRP;Band:6.2G;QPSK40;BWch:40MHz;Nss:1;Nant:2;Ch:6405MHz;TX

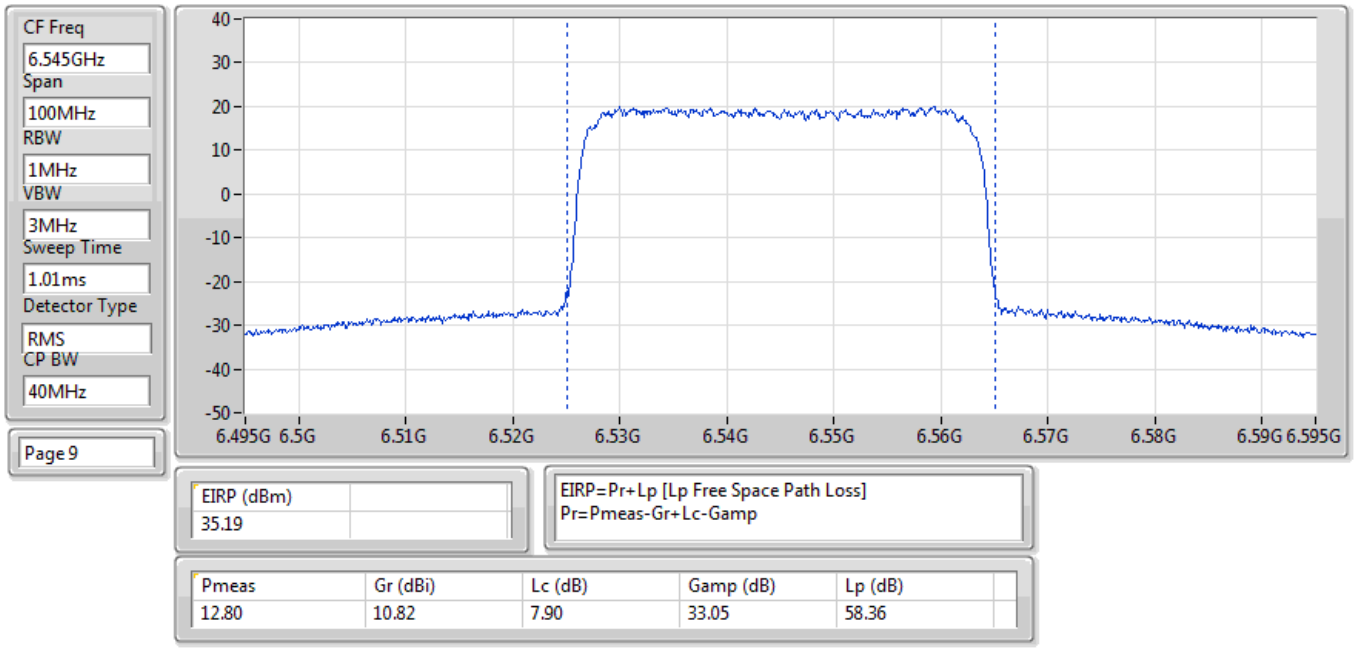


EIRP (dBm)
35.89

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
13.57	10.80	7.99	33.04	58.17

EIRP;Band:6.7G;QPSK40;BWch:40MHz;Nss:1;Nant:2;Ch:6545MHz;TX

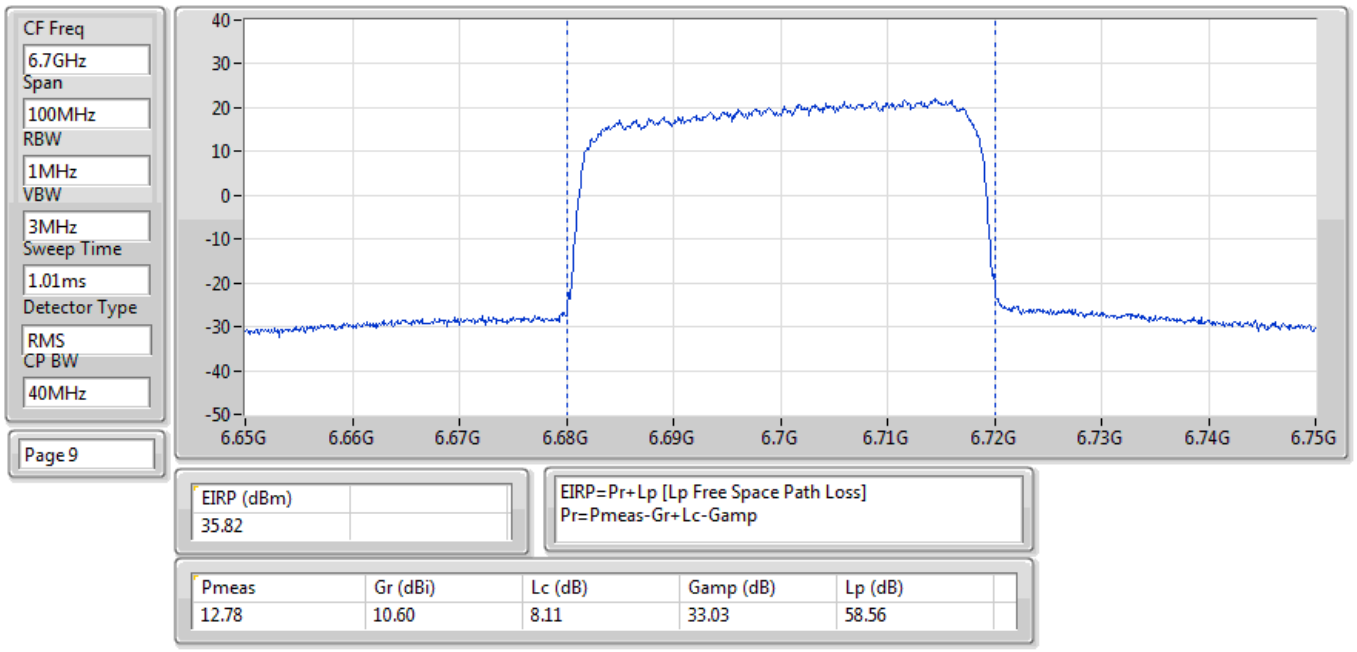


EIRP (dBm)
35.19

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
12.80	10.82	7.90	33.05	58.36

EIRP;Band:6.7G;QPSK40;BWch:40MHz;Nss:1;Nant:2;Ch:6700MHz;TX

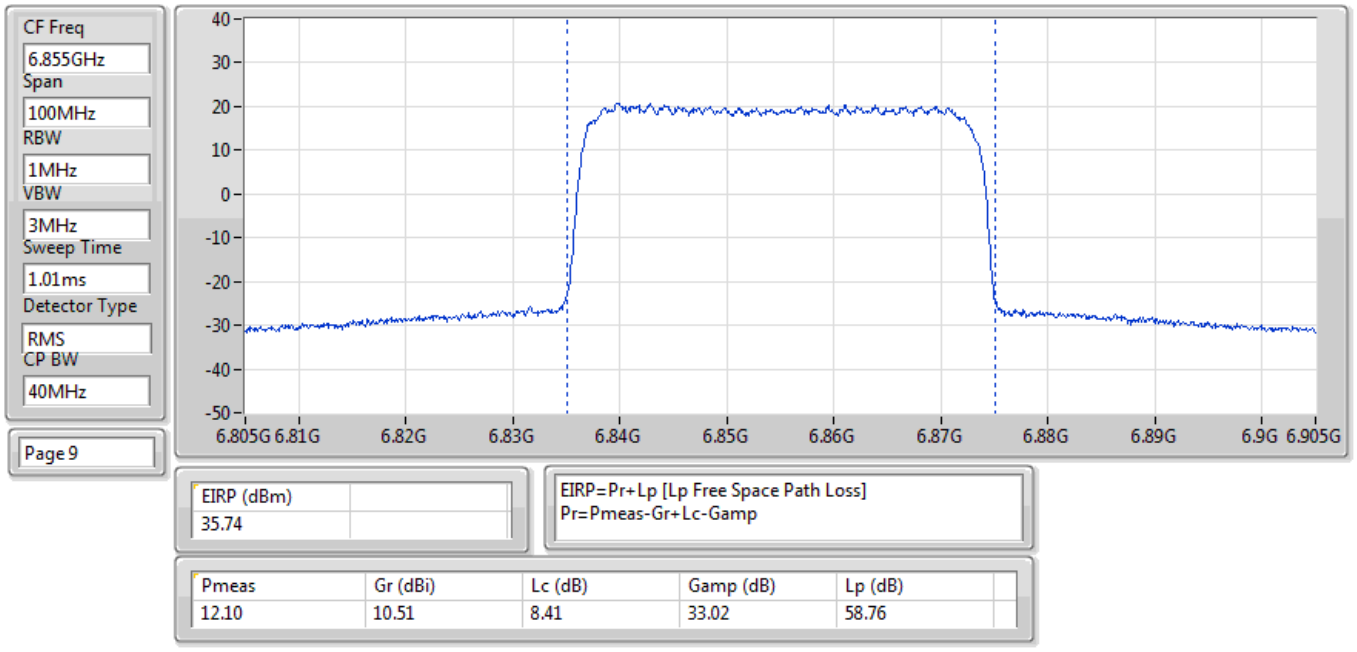


EIRP (dBm)
35.82

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
12.78	10.60	8.11	33.03	58.56

EIRP;Band:6.7G;QPSK40;BWch:40MHz;Nss:1;Nant:2;Ch:6855MHz;TX



EIRP (dBm)
35.74

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
12.10	10.51	8.41	33.02	58.76

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP[Phi 30°] (dBm)	EIRP[Phi 30°] (W)
5.925-6.425GHz	-	-	-	-
QPSK5_5MHz_Nss1_2TX	13.50	0.02239	16.26	0.042267
QPSK40_40MHz_Nss1_2TX	17.84	0.06081	20.60	0.114815
6.525-6.875GHz	-	-	-	-
QPSK5_5MHz_Nss1_2TX	10.21	0.01050	14.63	0.029040
QPSK40_40MHz_Nss1_2TX	16.54	0.04508	20.96	0.124738

Result

Mode	Result	DG[Phi 30°] (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	EIRP [Phi 30°] (dBm)	EIRP Limit[Phi 30°] (dBm)
QPSK5_5MHz_Nss1_2TX	-	-	-	-	-	-	-
5928MHz	Pass	2.76	10.31	10.66	13.50	16.26	21.00
6175MHz	Pass	2.76	9.32	9.72	12.53	15.29	21.00
6422MHz	Pass	2.76	8.19	8.38	11.30	14.06	21.00
6528MHz	Pass	4.42	7.04	7.36	10.21	14.63	21.00
6700MHz	Pass	4.42	7.22	7.00	10.12	14.54	21.00
6872MHz	Pass	4.42	5.40	5.03	8.23	12.65	21.00
QPSK40_40MHz_Nss1_2TX	-	-	-	-	-	-	-
5945MHz	Pass	2.76	13.30	13.75	16.54	19.30	21.00
6175MHz	Pass	2.76	14.51	15.13	17.84	20.60	21.00
6405MHz	Pass	2.76	13.59	14.22	16.93	19.69	21.00
6545MHz	Pass	4.42	13.18	13.31	16.26	20.68	21.00
6700MHz	Pass	4.42	13.60	13.45	16.54	20.96	21.00
6855MHz	Pass	4.42	11.36	11.14	14.26	18.68	21.00

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

Summary

Mode	Radiated EIRP PD (dBm/RBW)
5.925-6.425GHz	-
QPSK5_5MHz_Nss1_2TX	22.74
QPSK40_40MHz_Nss1_2TX	20.29
6.525-6.875GHz	-
QPSK5_5MHz_Nss1_2TX	22.77
QPSK40_40MHz_Nss1_2TX	21.58

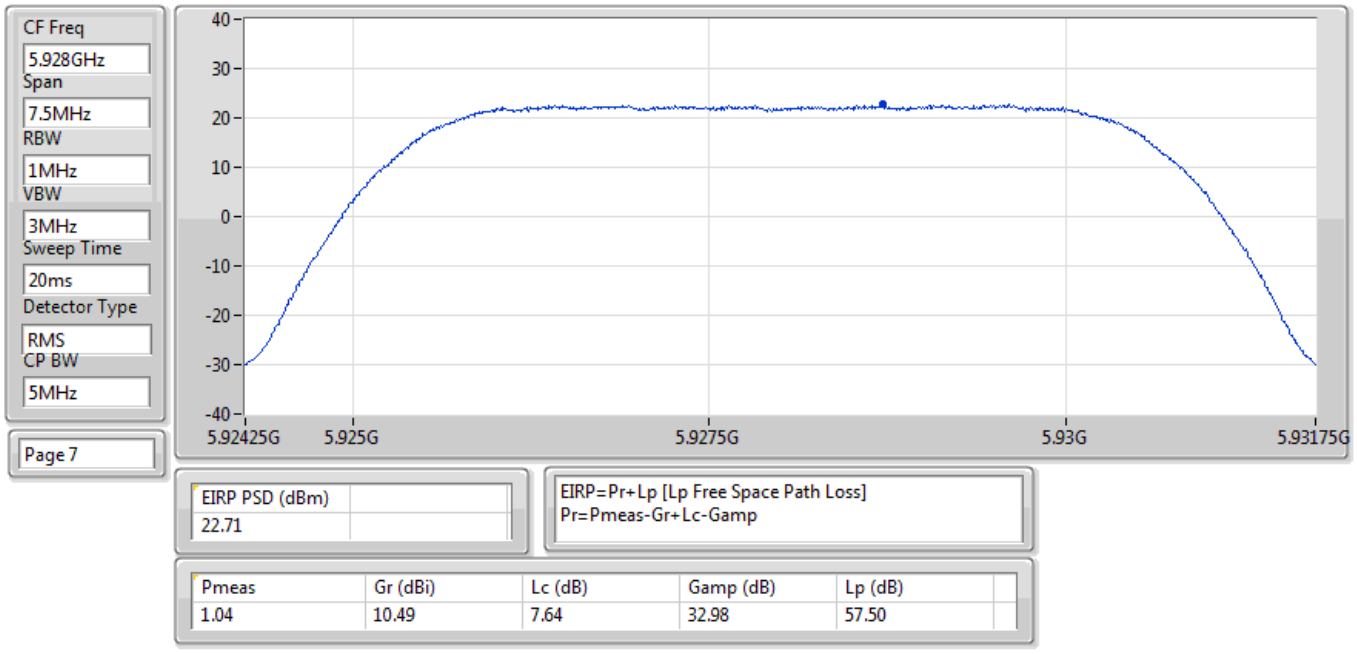
RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

Result

Mode	Result	Radiated EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
QPSK5_5MHz_Nss1_2TX	-	-	-
5928MHz	Pass	22.71	23.00
6175MHz	Pass	22.55	23.00
6422MHz	Pass	22.74	23.00
6528MHz	Pass	22.73	23.00
6700MHz	Pass	22.76	23.00
6872MHz	Pass	22.77	23.00
QPSK40_40MHz_Nss1_2TX	-	-	-
5945MHz	Pass	17.55	23.00
6175MHz	Pass	19.21	23.00
6405MHz	Pass	20.29	23.00
6545MHz	Pass	20.53	23.00
6700MHz	Pass	21.58	23.00
6855MHz	Pass	20.08	23.00

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

EIRP PSD;Band:6.2G;QPSK5;BWch:5MHz;Nss:1;Nant:2;Ch:5928MHz;TX

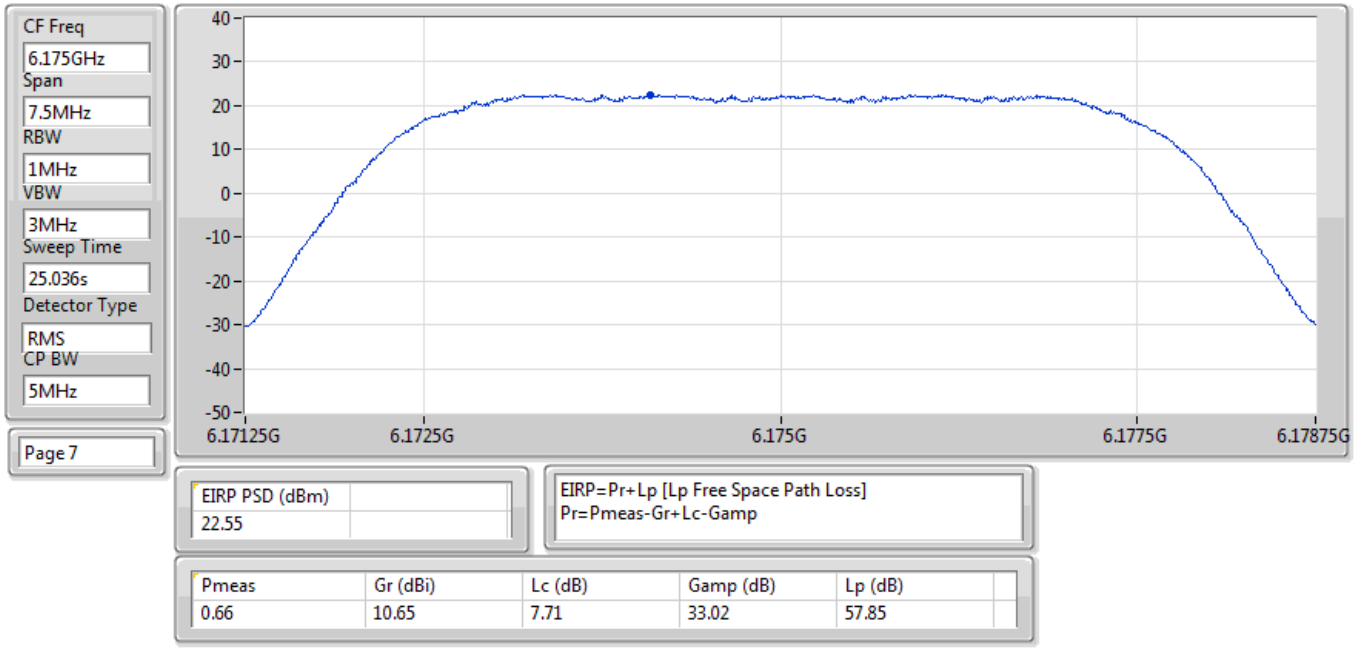


EIRP PSD (dBm)
22.71

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
1.04	10.49	7.64	32.98	57.50

EIRP PSD;Band:6.2G;QPSK5;BWch:5MHz;Nss:1;Nant:2;Ch:6175MHz;TX

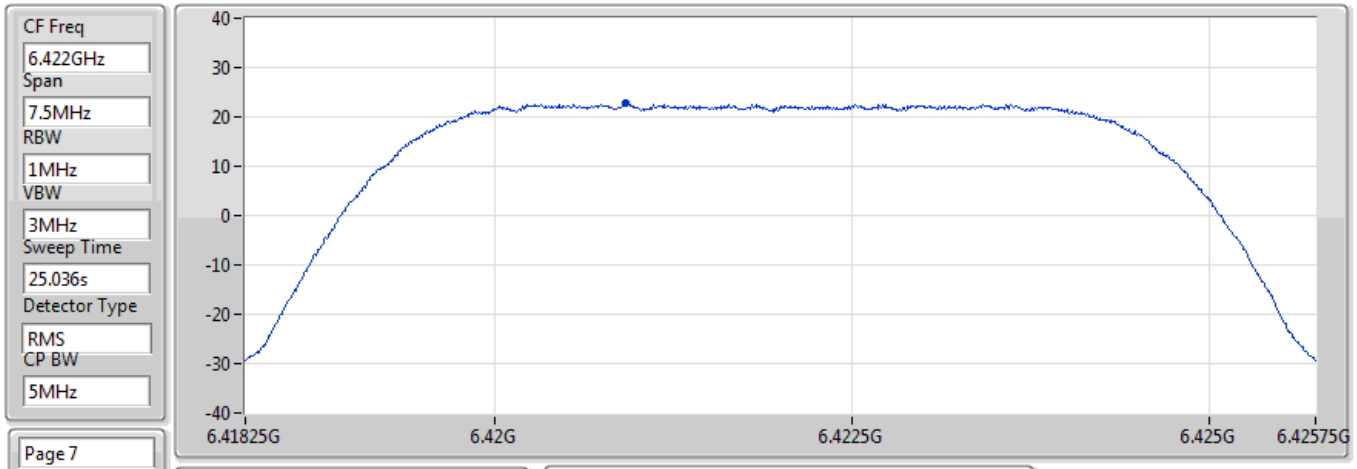


EIRP PSD (dBm)
22.55

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
0.66	10.65	7.71	33.02	57.85

EIRP PSD;Band:6.2G;QPSK5;BWch:5MHz;Nss:1;Nant:2;Ch:6422MHz;TX

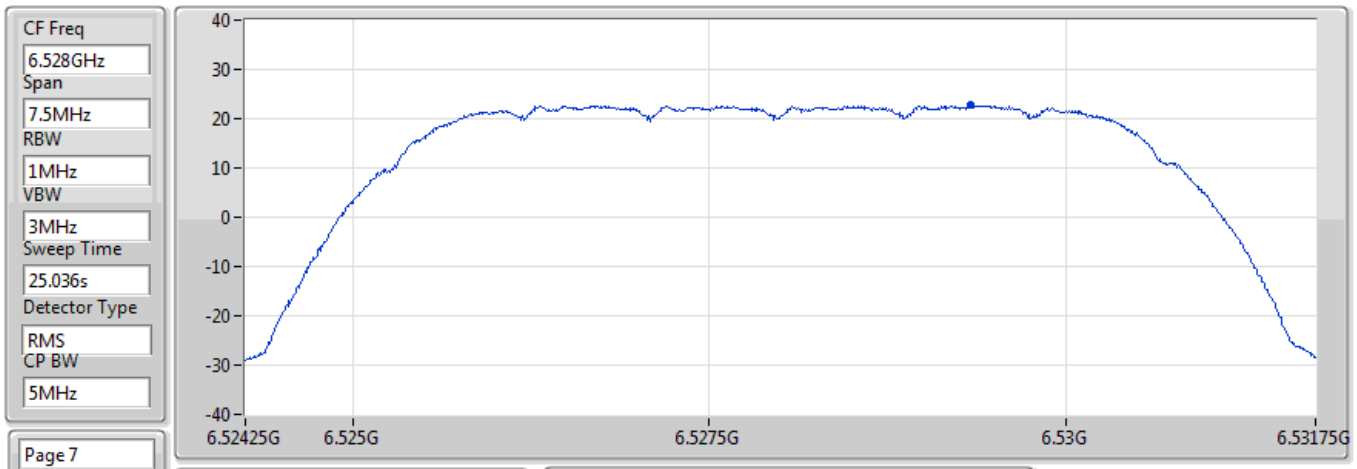


EIRP PSD (dBm)
22.74

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
0.41	10.80	7.98	33.04	58.19

EIRP PSD;Band:6.7G;QPSK5;BWch:5MHz;Nss:1;Nant:2;Ch:6528MHz;TX

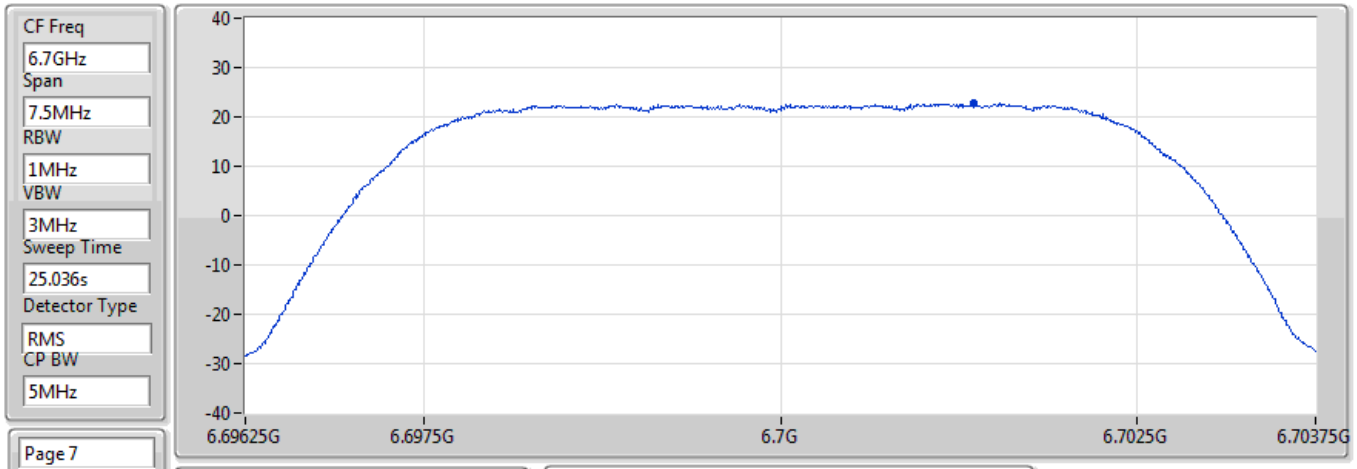


EIRP PSD (dBm)
22.73

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
0.41	10.88	7.91	33.05	58.34

EIRP PSD;Band:6.7G;QPSK5;BWch:5MHz;Nss:1;Nant:2;Ch:6700MHz;TX

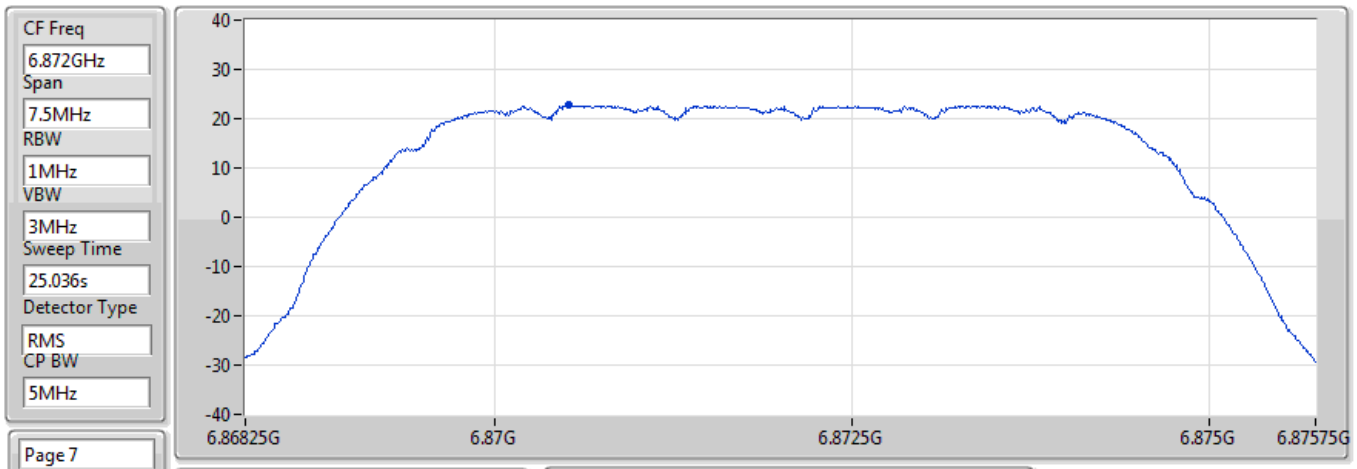


EIRP PSD (dBm)
22.76

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-0.29	10.60	8.11	33.03	58.57

EIRP PSD;Band:6.7G;QPSK5;BWch:5MHz;Nss:1;Nant:2;Ch:6872MHz;TX

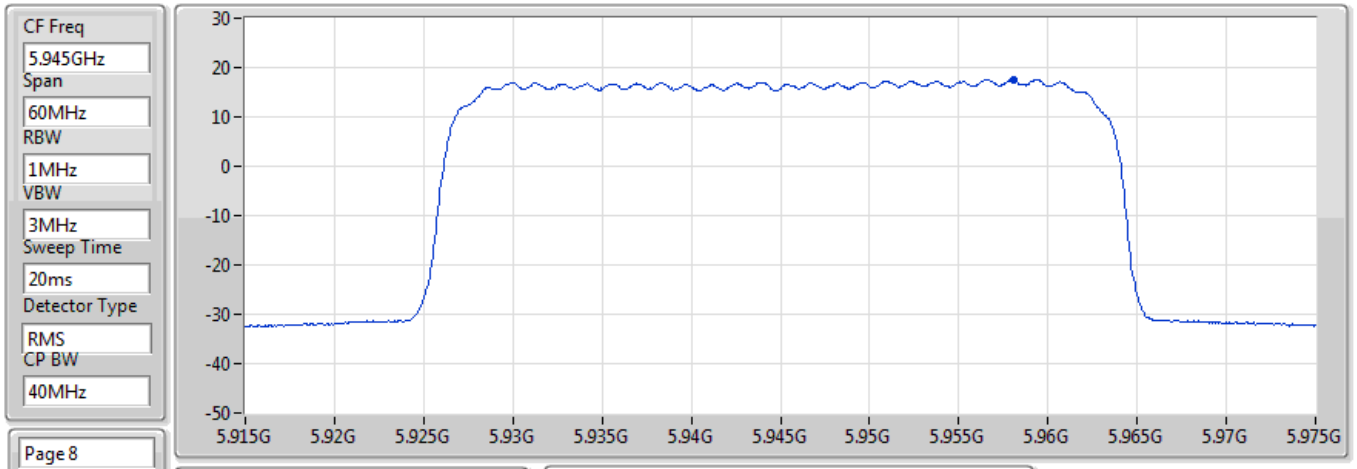


EIRP PSD (dBm)
22.77

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-0.87	10.54	8.42	33.02	58.78

EIRP PSD;Band:6.2G;QPSK40;BWch:40MHz;Nss:1;Nant:2;Ch:5945MHz;TX

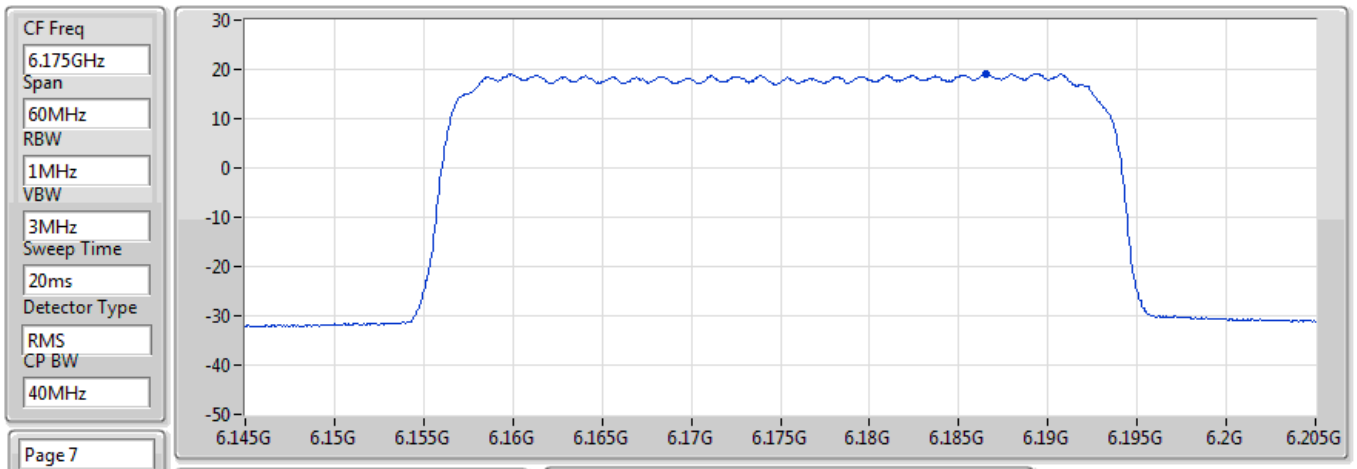


EIRP PSD (dBm)
17.55

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-4.24	10.42	7.66	32.99	57.54

EIRP PSD;Band:6.2G;QPSK40;BWch:40MHz;Nss:1;Nant:2;Ch:6175MHz;TX

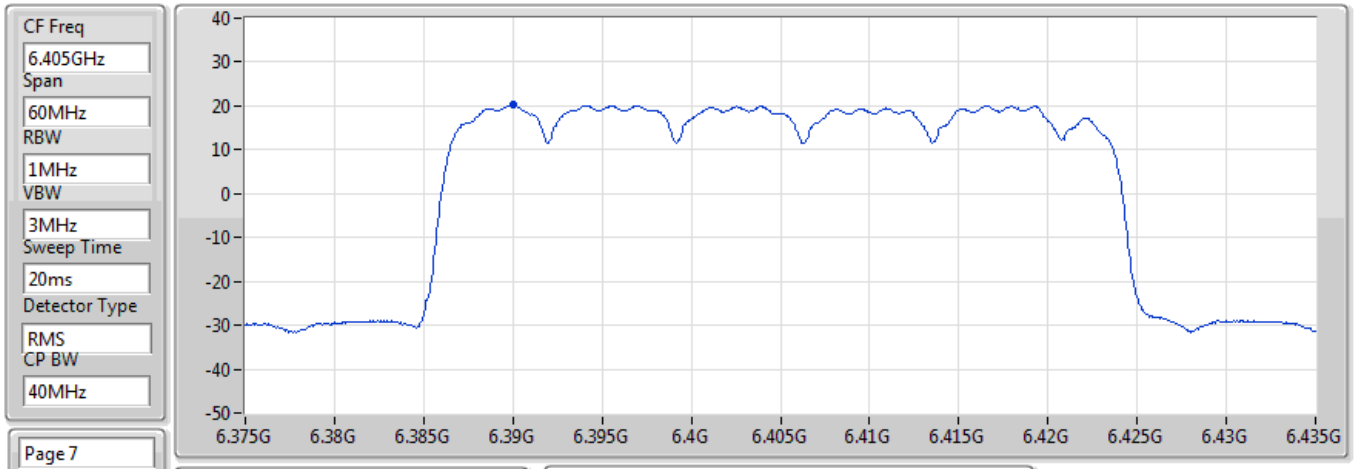


EIRP PSD (dBm)
19.21

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-2.73	10.63	7.72	33.02	57.87

EIRP PSD;Band:6.2G;QPSK40;BWch:40MHz;Nss:1;Nant:2;Ch:6405MHz;TX

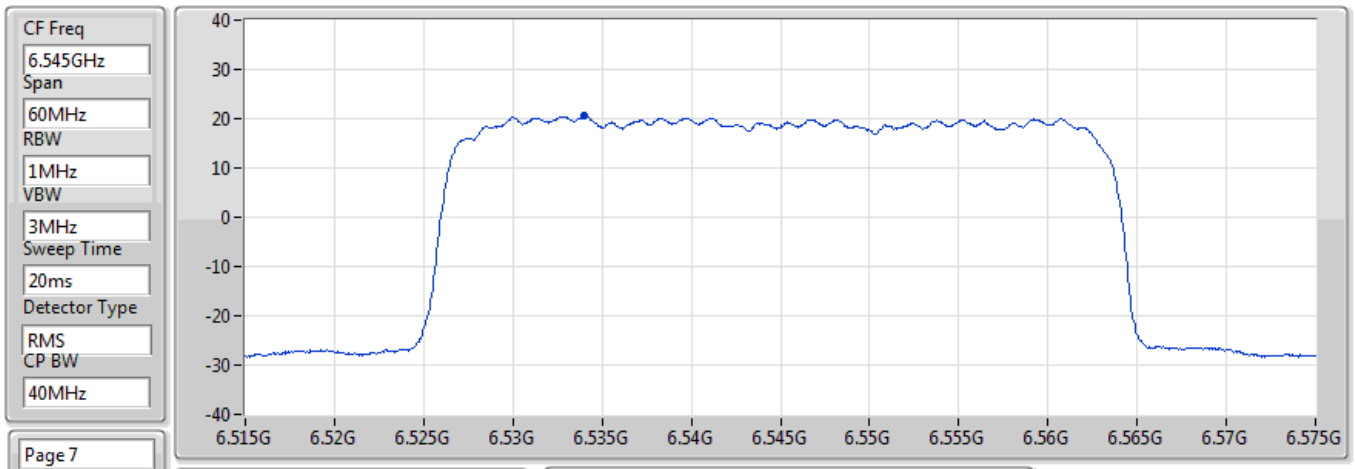


EIRP PSD (dBm)
20.29

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-1.98	10.82	7.98	33.04	58.15

EIRP PSD;Band:6.7G;QPSK40;BWch:40MHz;Nss:1;Nant:2;Ch:6545MHz;TX

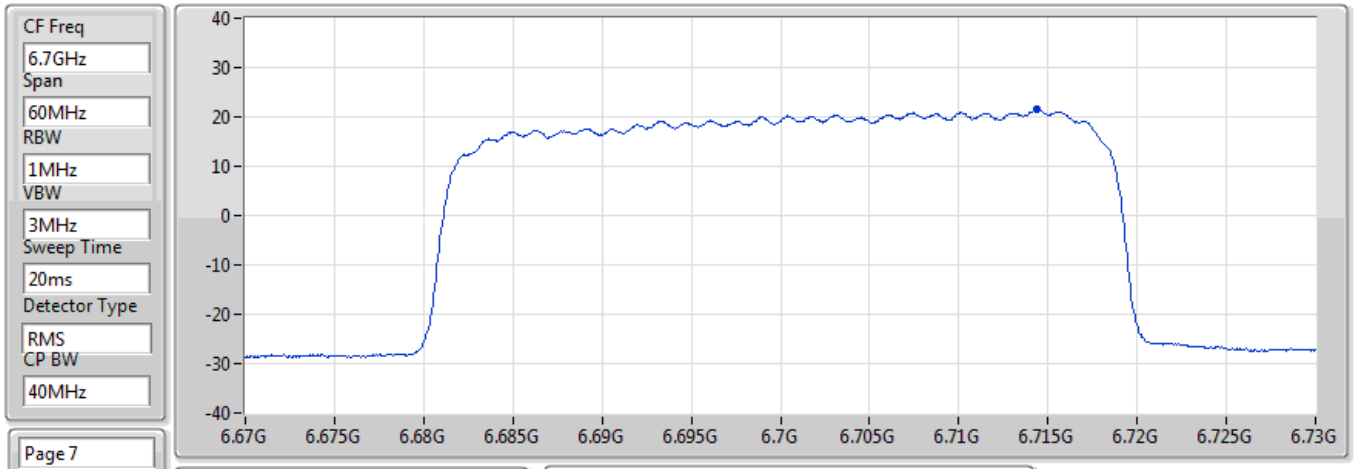


EIRP PSD (dBm)
20.53

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-1.82	10.86	7.91	33.05	58.35

EIRP PSD;Band:6.7G;QPSK40;BWch:40MHz;Nss:1;Nant:2;Ch:6700MHz;TX

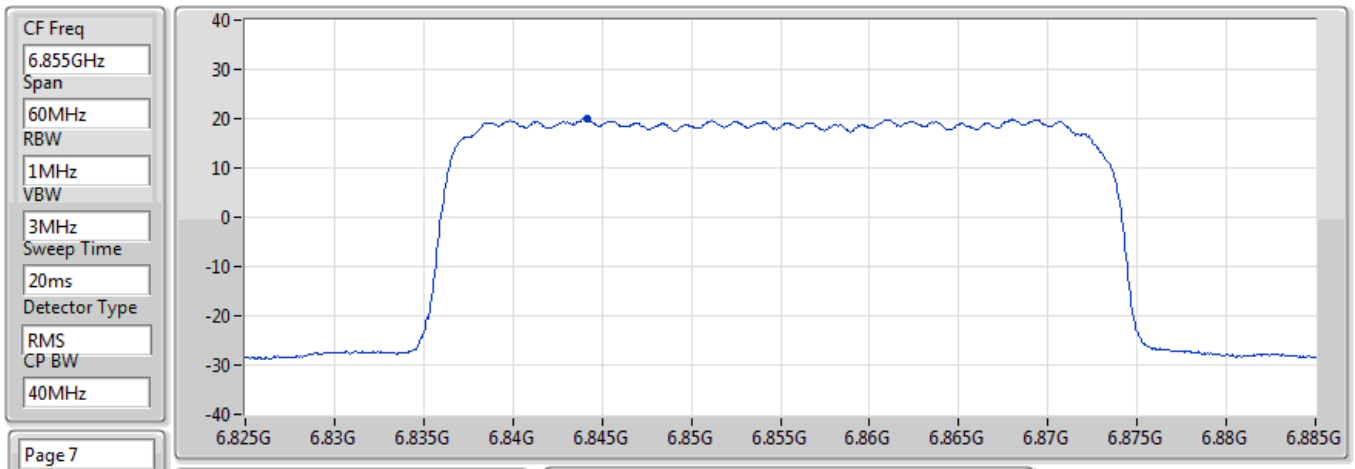


EIRP PSD (dBm)
21.58

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-1.54	10.57	8.14	33.03	58.58

EIRP PSD;Band:6.7G;QPSK40;BWch:40MHz;Nss:1;Nant:2;Ch:6855MHz;TX



EIRP PSD (dBm)
20.08

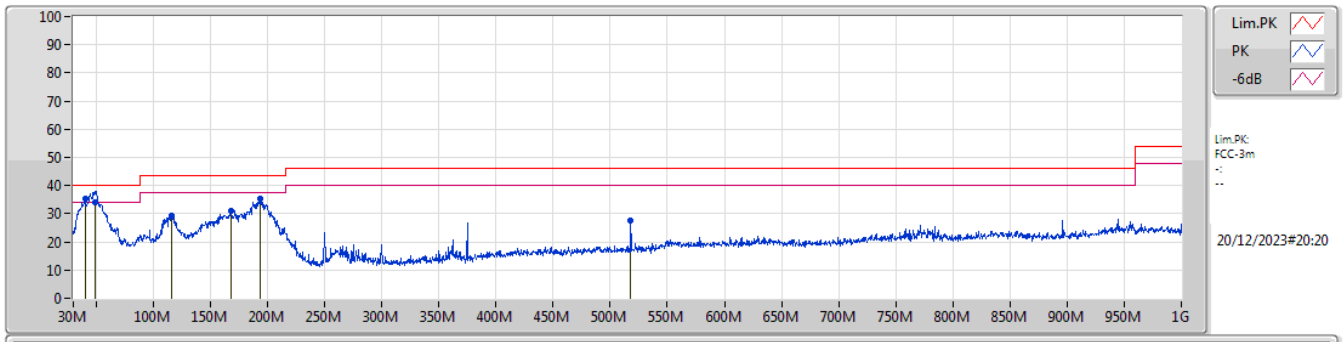
EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-3.56	10.49	8.40	33.02	58.75

Summary

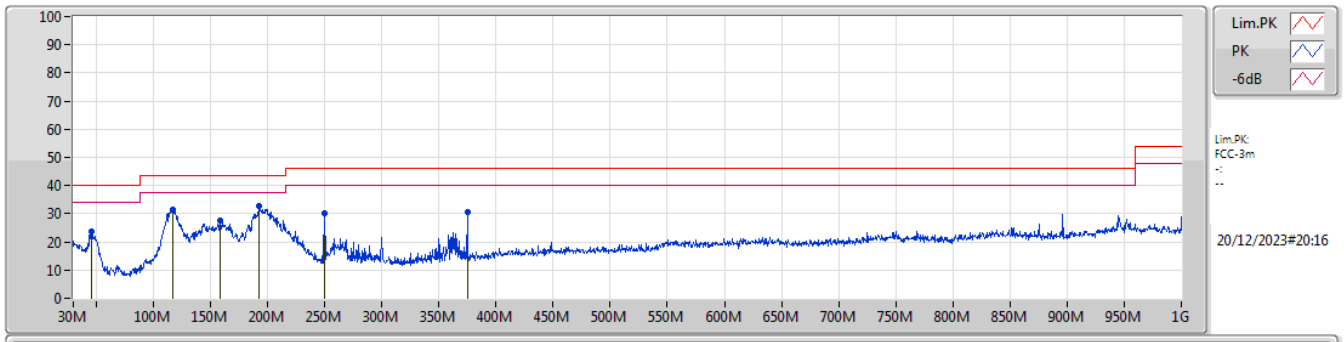
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	40.19M	35.54	40.00	-4.46	Vertical

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	40.19M	35.54	40.00	-4.46	-32.68	3	Vertical	100	1.00	"Worst"	68.22	21.28	1.02	54.98
QP	48.92M	34.24	40.00	-5.76	-36.76	3	Vertical	0	1.00	-	71.00	16.33	1.12	54.21
PK	115.85M	29.51	43.50	-13.99	-35.90	3	Vertical	255	2.00	-	65.41	17.10	1.43	54.43
PK	167.74M	30.94	43.50	-12.56	-36.37	3	Vertical	82	1.00	-	67.31	15.99	1.80	54.16
PK	193.93M	35.53	43.50	-7.97	-36.99	3	Vertical	357	2.00	-	72.52	14.83	1.90	53.72
PK	517.91M	27.71	46.00	-18.29	-26.71	3	Vertical	0	1.00	-	54.42	24.02	3.07	53.80

Mode 1



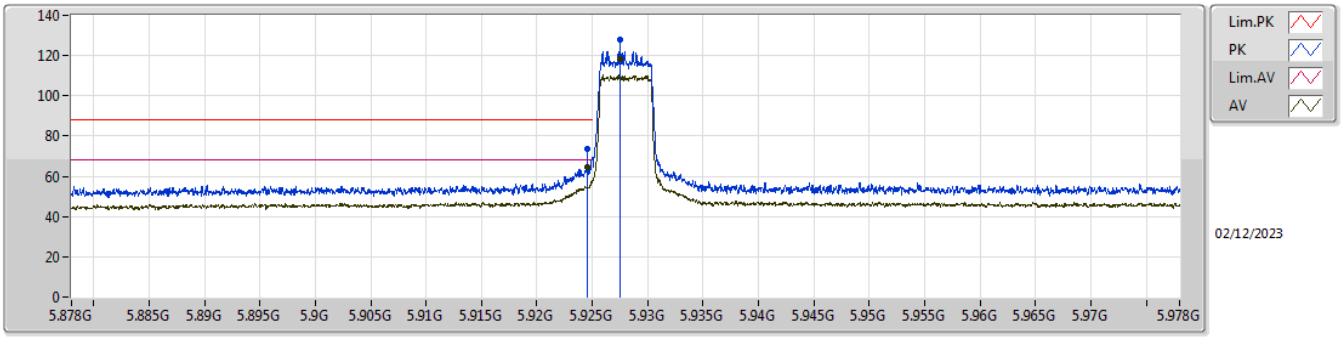
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	45.52M	23.81	40.00	-16.19	-34.68	3	Horizontal	255	1.00	-	58.49	18.36	1.10	54.14
PK	116.82M	31.54	43.50	-11.96	-35.90	3	Horizontal	0	1.00	-	67.44	17.12	1.43	54.45
PK	158.04M	27.42	43.50	-16.08	-35.68	3	Horizontal	75	2.00	-	63.10	16.74	1.75	54.17
PK	192.96M	32.70	43.50	-10.80	-37.01	3	Horizontal	296	2.00	"Worst"	69.71	14.85	1.90	53.76
PK	250.19M	30.20	46.00	-15.80	-33.21	3	Horizontal	355	2.00	-	63.41	18.56	2.18	53.95
PK	374.84M	30.66	46.00	-15.34	-30.60	3	Horizontal	0	1.00	-	61.26	20.96	2.52	54.08

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.925-6.425GHz	-	-	-	-	-	-	-	-	-	-	-
QPSK40_40MHz_Nss1_2TX	Pass	AV	5.925G	68.12	68.20	-0.08	3	Horizontal	356	1.66	-

5.925-6.425GHz_QPSK5_5MHz_Nss1_2TX

5928MHz_TX

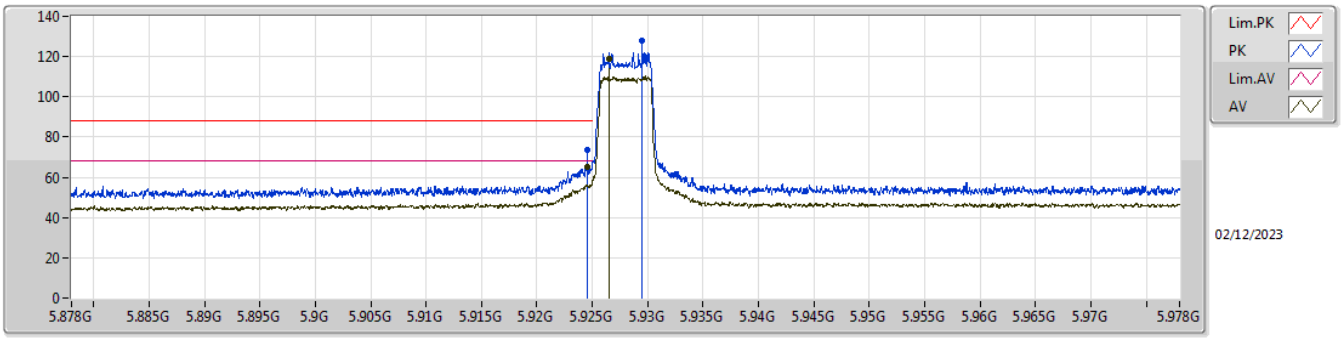


EUT Y_2TX
Setting -20.5(6/14500)
01-L-P-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.9245G	73.51	88.20	-14.69	63.69	3	Vertical	356	1.65	BP 1MHz	35.15	7.64	32.97
AV	5.9245G	64.81	68.20	-3.39	54.99	3	Vertical	356	1.65	BP 1MHz	35.15	7.64	32.97
PK	5.92753G	127.93	Inf	-Inf	118.10	3	Vertical	356	1.65	BP 1MHz	35.17	7.64	32.98
AV	5.9275G	118.54	Inf	-Inf	108.72	3	Vertical	356	1.65	BP 1MHz	35.16	7.64	32.98

5.925-6.425GHz_QPSK5_5MHz_Nss1_2TX

5928MHz_TX

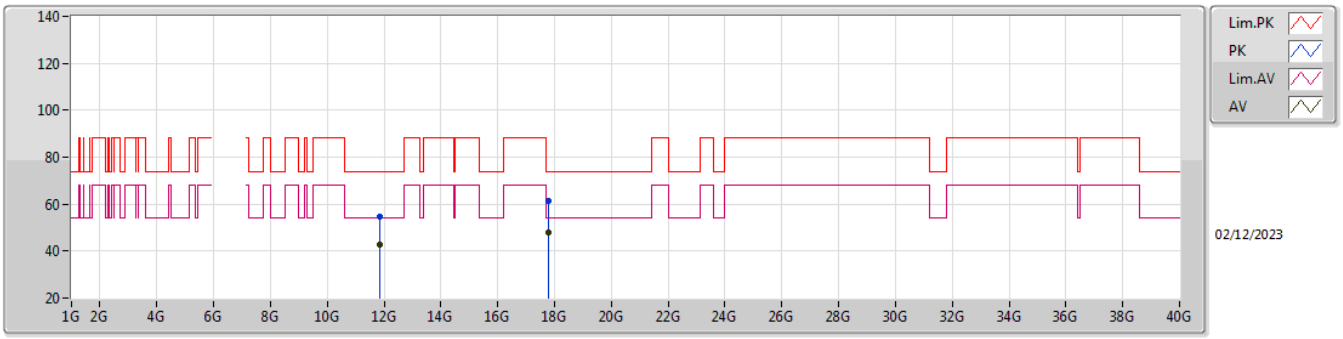


EUT Y_2TX
Setting -20.5(6/14500)
01-L-P-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.9245G	73.40	88.20	-14.80	63.58	3	Horizontal	357	1.61	BP 1MHz	35.15	7.64	32.97
AV	5.9245G	65.26	68.20	-2.94	55.44	3	Horizontal	357	1.61	BP 1MHz	35.15	7.64	32.97
PK	5.92953G	128.16	Inf	-Inf	118.32	3	Horizontal	357	1.61	BP 1MHz	35.18	7.64	32.98
AV	5.9265G	118.72	Inf	-Inf	108.90	3	Horizontal	357	1.61	BP 1MHz	35.16	7.64	32.98

5.925-6.425GHz_QPSK5_5MHz_Nss1_2TX

5928MHz_TX

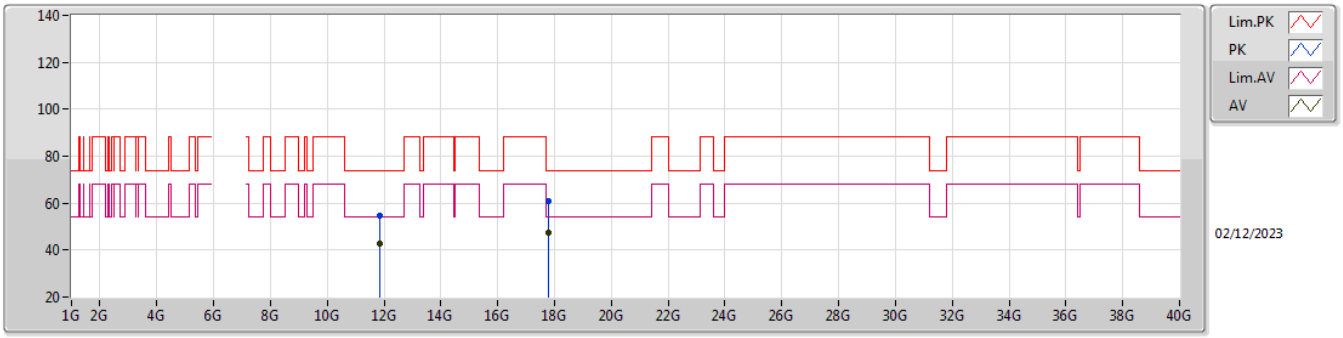


EUT Y_2TX
Setting -20.5(6/14500)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.85372G	54.78	74.00	-19.22	48.39	3	Vertical	188	1.47	-	38.59	11.04	43.24
AV	11.84355G	42.70	54.00	-11.30	36.33	3	Vertical	188	1.47	-	38.59	11.03	43.25
PK	17.77746G	61.52	74.00	-12.48	47.38	3	Vertical	191	1.60	-	42.30	13.38	41.54
AV	17.77029G	47.73	54.00	-6.27	33.60	3	Vertical	191	1.60	-	42.30	13.38	41.55

5.925-6.425GHz_QPSK5_5MHz_Nss1_2TX

5928MHz_TX

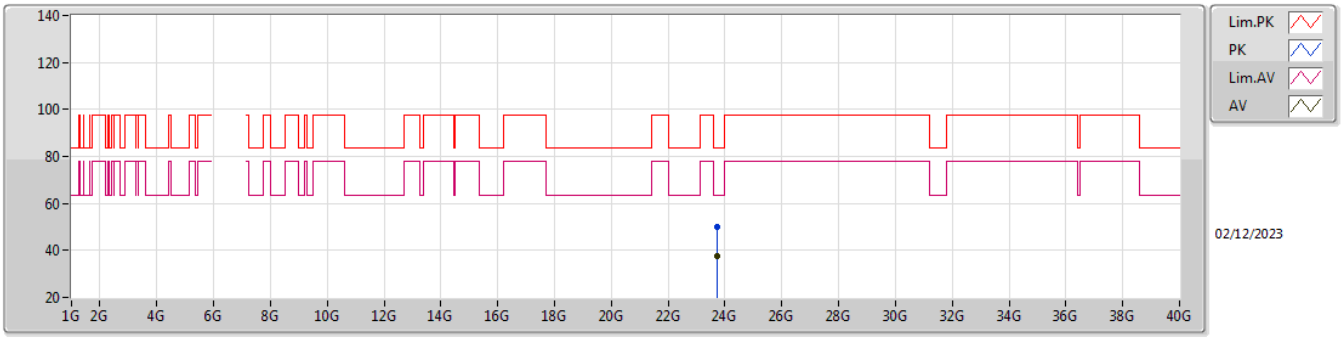


EUT Y_2TX
Setting -20.5(6/14500)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.84778G	54.69	74.00	-19.31	48.29	3	Horizontal	90	1.89	-	38.60	11.04	43.24
AV	11.84421G	42.67	54.00	-11.33	36.29	3	Horizontal	90	1.89	-	38.59	11.03	43.24
PK	17.78664G	61.12	74.00	-12.88	46.96	3	Horizontal	44	1.87	-	42.30	13.38	41.52
AV	17.77215G	47.57	54.00	-6.43	33.44	3	Horizontal	44	1.87	-	42.30	13.38	41.55

5.925-6.425GHz_QPSK5_5MHz_Nss1_2TX

5928MHz_TX

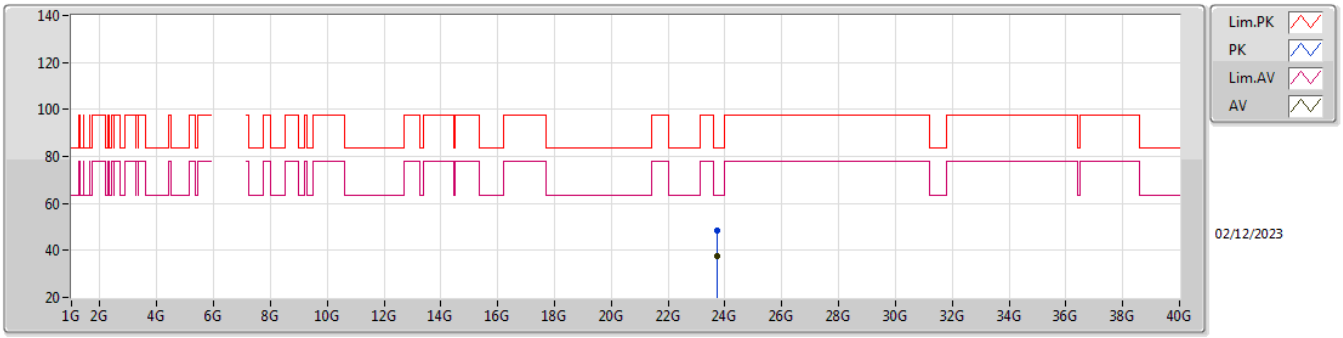


EUT Y_2TX
Setting -20.5(6/14500)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	23.71272G	49.85	83.54	-33.69	37.30	1	Vertical	176	1.96	-	39.13	20.75	47.33
AV	23.72436G	37.58	63.54	-25.96	25.00	1	Vertical	176	1.96	-	39.15	20.76	47.33

5.925-6.425GHz_QPSK5_5MHz_Nss1_2TX

5928MHz_TX

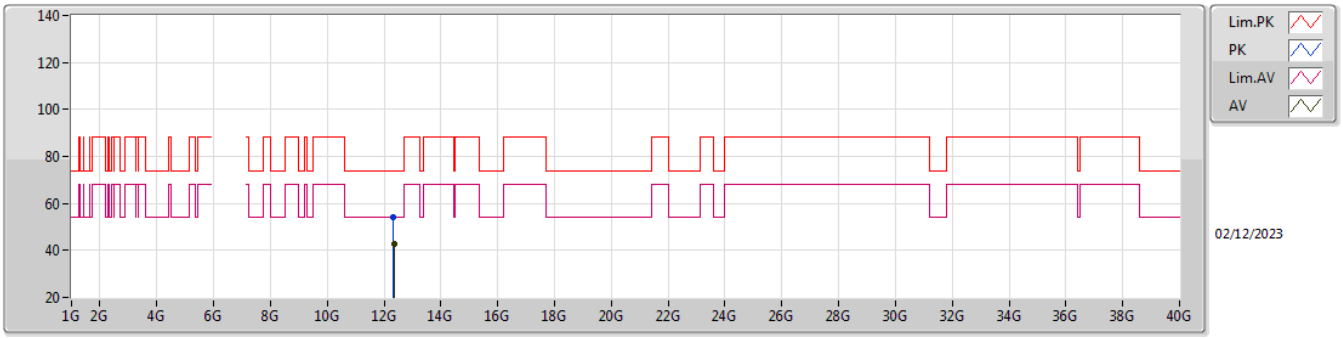


EUT Y_2TX
Setting -20.5(6/14500)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	23.7075G	48.51	83.54	-35.03	35.98	1	Horizontal	270	1.43	-	39.12	20.75	47.34
AV	23.724G	37.52	63.54	-26.02	24.94	1	Horizontal	270	1.43	-	39.15	20.76	47.33

5.925-6.425GHz_QPSK5_5MHz_Nss1_2TX

6175MHz_TX

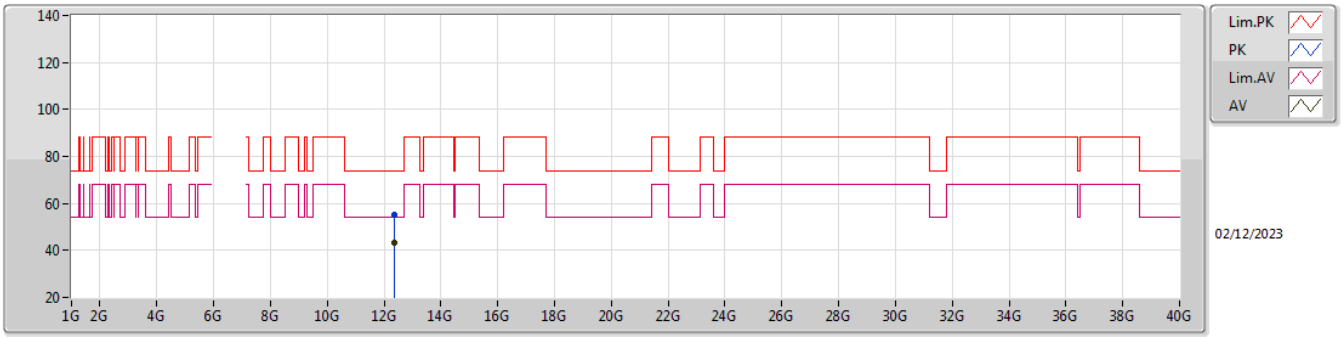


EUT Y_2TX
Setting -20.5(6/14500)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.33578G	54.32	74.00	-19.68	47.67	3	Vertical	31	1.87	-	38.57	11.25	43.17
AV	12.36476G	43.00	54.00	-11.00	36.28	3	Vertical	31	1.87	-	38.63	11.26	43.17

5.925-6.425GHz_QPSK5_5MHz_Nss1_2TX

6175MHz_TX

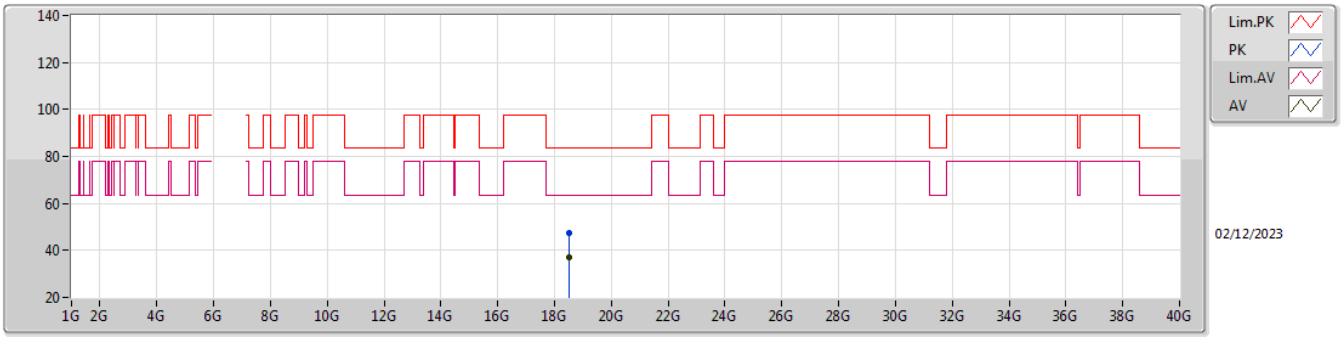


EUT Y_2TX
Setting -20.5(6/14500)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.35894G	55.02	74.00	-18.98	48.31	3	Horizontal	113	2.00	-	38.62	11.26	43.17
AV	12.35243G	43.05	54.00	-10.95	36.37	3	Horizontal	113	2.00	-	38.60	11.25	43.17

5.925-6.425GHz_QPSK5_5MHz_Nss1_2TX

6175MHz_TX

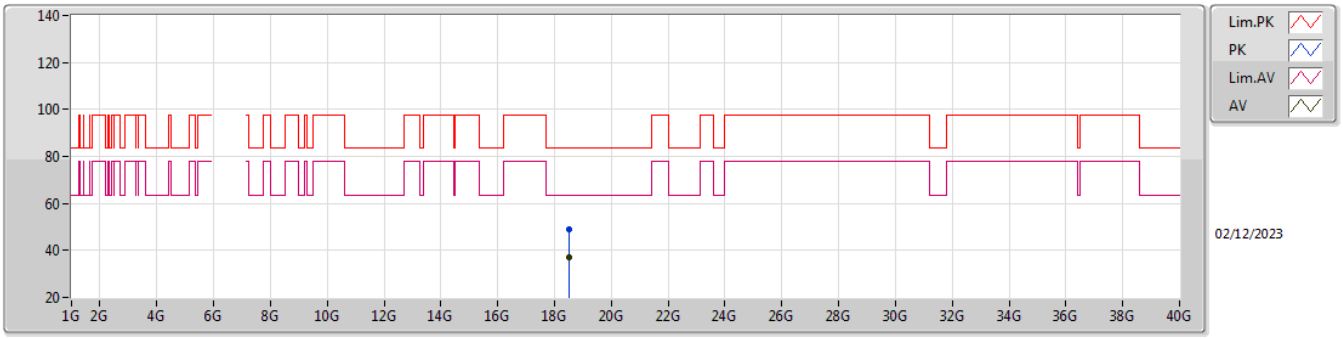


EUT Y_2TX
Setting -20.5(6/14500)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	18.51216G	47.54	83.54	-36.00	40.61	1	Vertical	5	1.62	-	37.85	18.85	49.77
AV	18.51432G	37.24	63.54	-26.30	30.32	1	Vertical	5	1.62	-	37.84	18.85	49.77

5.925-6.425GHz_QPSK5_5MHz_Nss1_2TX

6175MHz_TX

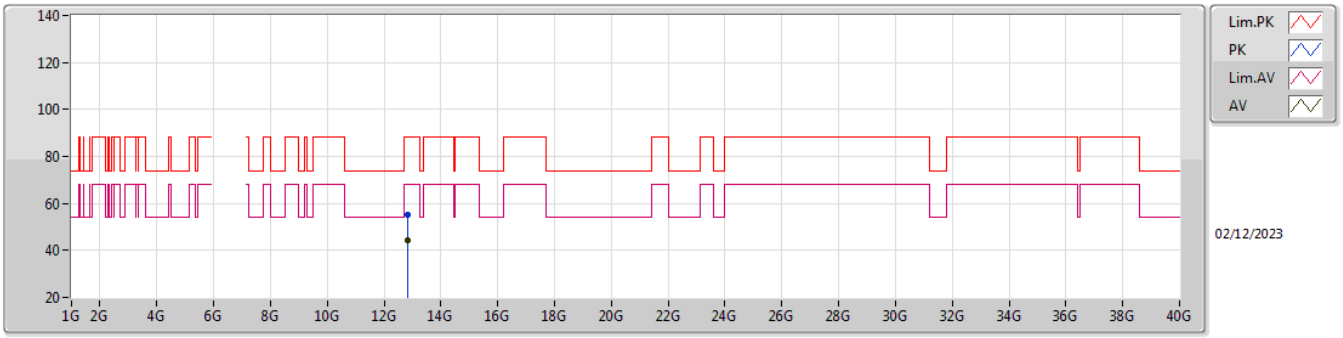


EUT Y_2TX
Setting -20.5(6/14500)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	18.51252G	48.78	83.54	-34.76	41.85	1	Horizontal	224	1.44	-	37.85	18.85	49.77
AV	18.51318G	37.16	63.54	-26.38	30.23	1	Horizontal	224	1.44	-	37.85	18.85	49.77

5.925-6.425GHz_QPSK5_5MHz_Nss1_2TX

6422MHz_TX

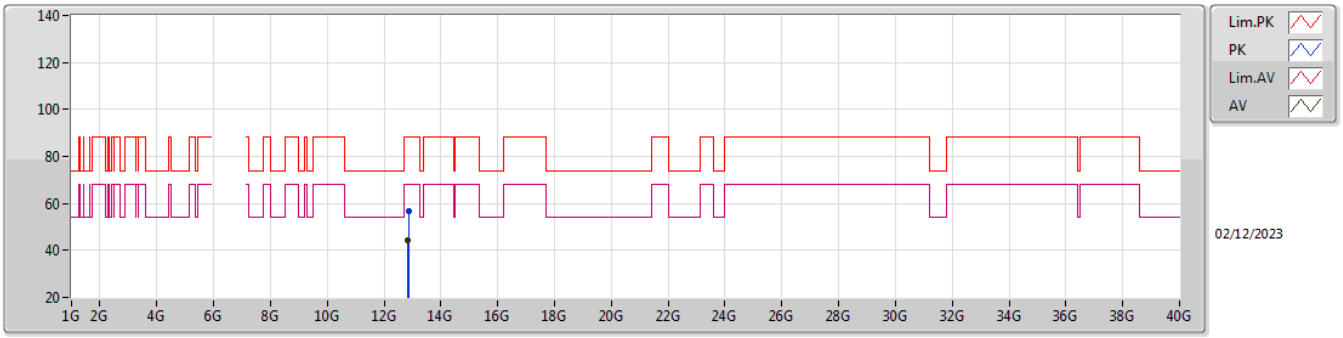


EUT Y_2TX
Setting -20(6/14000)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.84604G	55.41	88.20	-32.79	47.38	3	Vertical	351	1.79	-	39.39	11.44	42.80
RMS	12.85138G	44.56	68.20	-23.64	36.52	3	Vertical	351	1.79	-	39.40	11.44	42.80

5.925-6.425GHz_QPSK5_5MHz_Nss1_2TX

6422MHz_TX

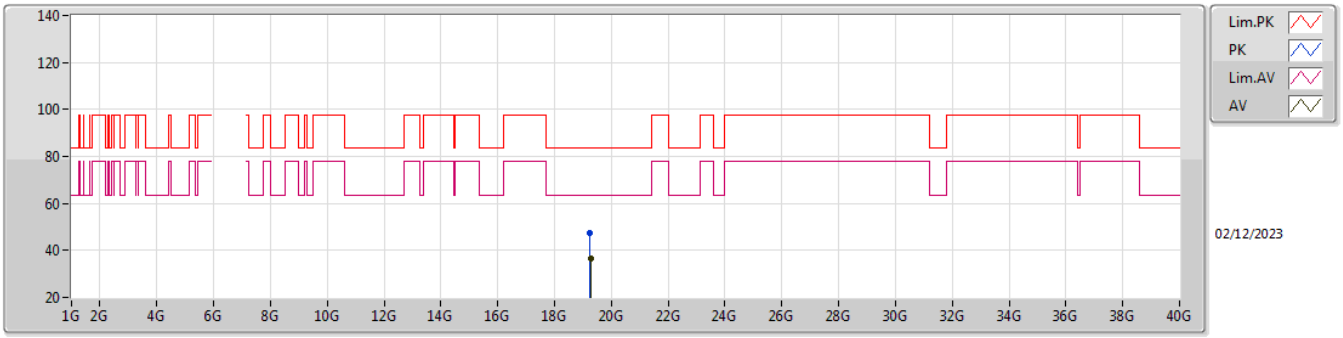


EUT Y_2TX
Setting -20(6/14000)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.85804G	56.71	88.20	-31.49	48.65	3	Horizontal	1	1.73	-	39.40	11.45	42.79
RMS	12.85051G	44.36	68.20	-23.84	36.32	3	Horizontal	1	1.73	-	39.40	11.44	42.80

5.925-6.425GHz_QPSK5_5MHz_Nss1_2TX

6422MHz_TX

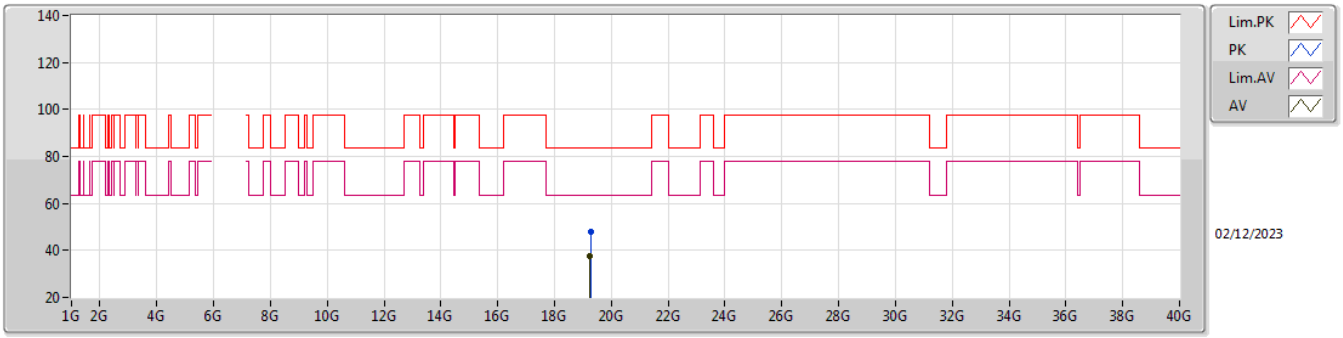


EUT Y_2TX
Setting -20(6/14000)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.25598G	47.62	83.54	-35.92	39.94	1	Vertical	129	1.41	-	37.91	19.36	49.59
AV	19.27866G	36.81	63.54	-26.73	29.07	1	Vertical	129	1.41	-	37.96	19.38	49.60

5.925-6.425GHz_QPSK5_5MHz_Nss1_2TX

6422MHz_TX

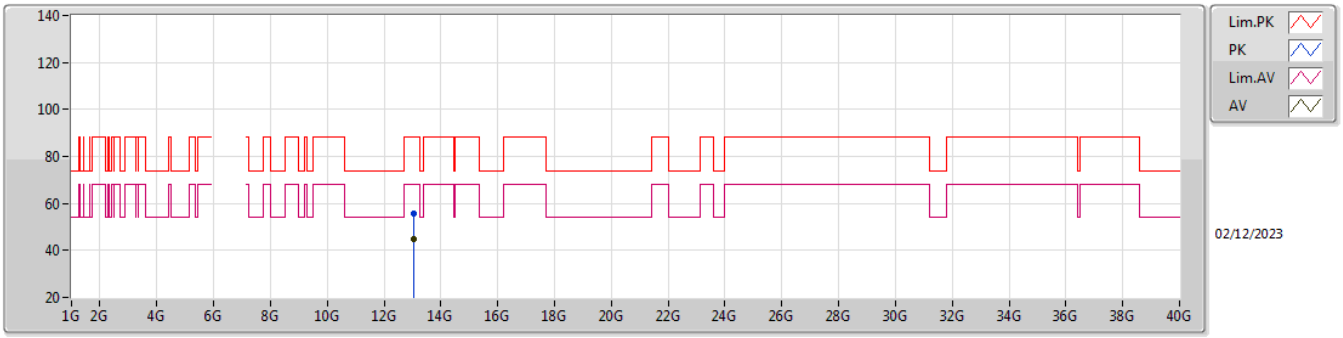


EUT Y_2TX
Setting -20(6/14000)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.2693G	47.84	83.54	-35.70	40.13	1	Horizontal	268	1.79	-	37.94	19.37	49.60
AV	19.25598G	37.77	63.54	-25.77	30.09	1	Horizontal	268	1.79	-	37.91	19.36	49.59

6.525-6.875GHz_QPSK5_5MHz_Nss1_2TX

6528MHz_TX

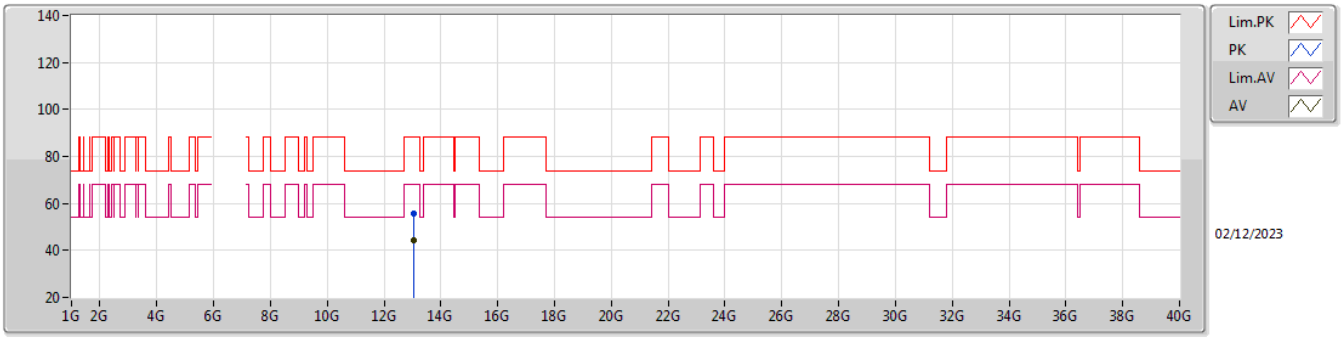


EUT Y_2TX
Setting -20(6/14000)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.05321G	55.89	88.20	-32.31	47.33	3	Vertical	234	1.80	-	39.70	11.52	42.66
RMS	13.0419G	44.61	68.20	-23.59	36.05	3	Vertical	234	1.80	-	39.70	11.52	42.66

6.525-6.875GHz_QPSK5_5MHz_Nss1_2TX

6528MHz_TX

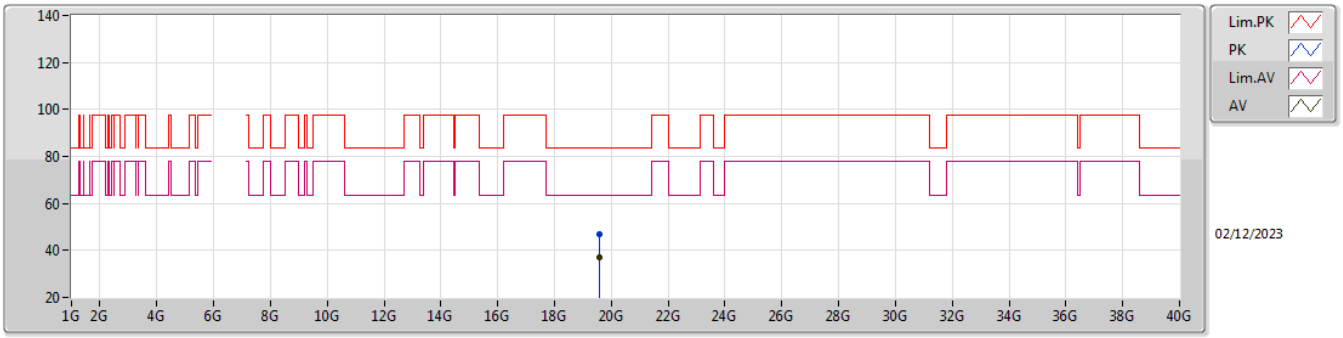


EUT Y_2TX
Setting -20(6/14000)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.05426G	55.50	88.20	-32.70	46.94	3	Horizontal	252	1.39	-	39.70	11.52	42.66
RMS	13.04232G	44.50	68.20	-23.70	35.94	3	Horizontal	252	1.39	-	39.70	11.52	42.66

6.525-6.875GHz_QPSK5_5MHz_Nss1_2TX

6528MHz_TX

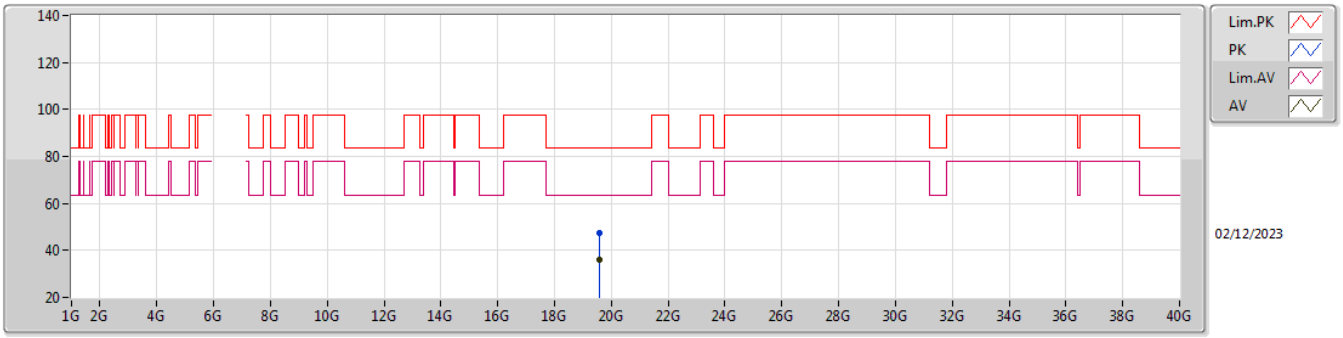


EUT Y_2TX
Setting -20(6/14000)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.59108G	47.13	83.54	-36.41	39.35	1	Vertical	336	1.56	-	37.85	19.60	49.67
AV	19.57926G	36.98	63.54	-26.56	29.15	1	Vertical	336	1.56	-	37.92	19.59	49.68

6.525-6.875GHz_QPSK5_5MHz_Nss1_2TX

6528MHz_TX

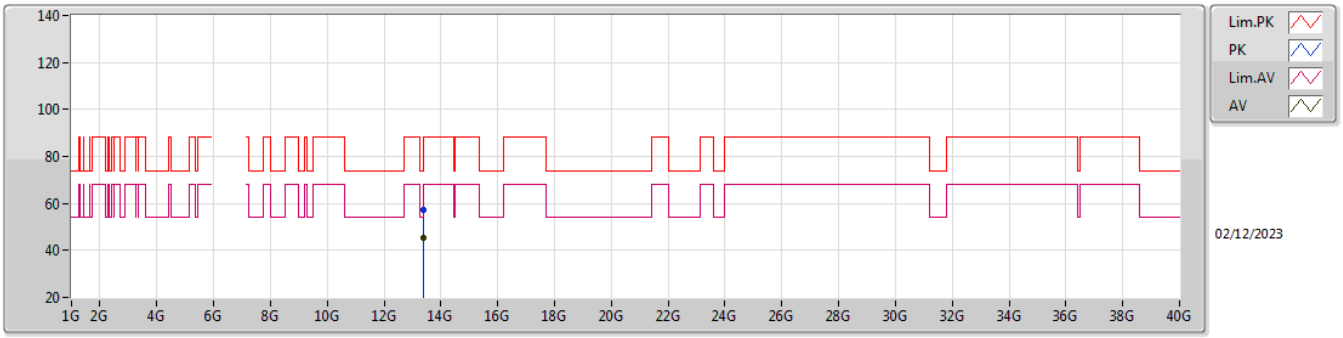


EUT Y_2TX
Setting -20(6/14000)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.59738G	47.49	83.54	-36.05	39.74	1	Horizontal	167	1.95	-	37.82	19.60	49.67
AV	19.57356G	35.93	63.54	-27.61	28.07	1	Horizontal	167	1.95	-	37.96	19.58	49.68

6.525-6.875GHz_QPSK5_5MHz_Nss1_2TX

6700MHz_TX

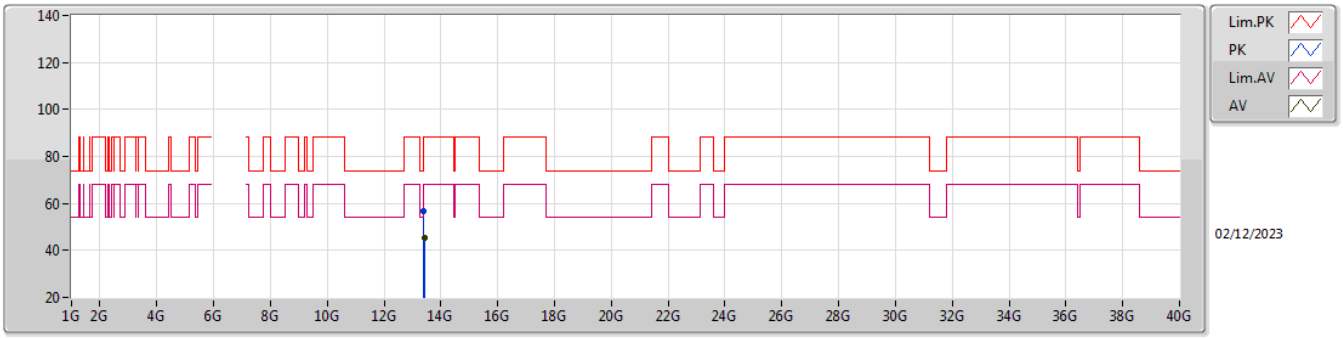


EUT Y_2TX
Setting -19(6/13000)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.40288G	57.46	88.20	-30.74	48.35	3	Vertical	57	1.54	-	40.20	11.65	42.74
RMS	13.40313G	45.29	68.20	-22.91	36.18	3	Vertical	57	1.54	-	40.20	11.65	42.74

6.525-6.875GHz_QPSK5_5MHz_Nss1_2TX

6700MHz_TX

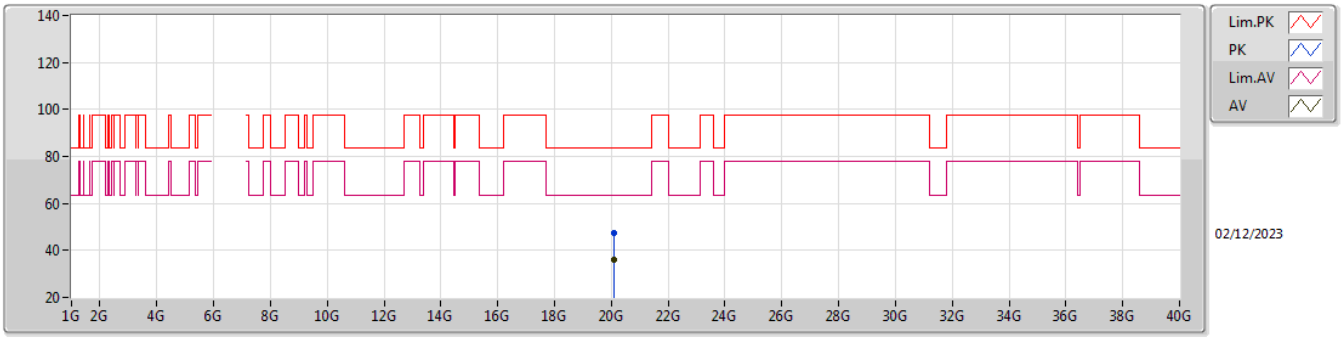


EUT Y_2TX
Setting -19(6/13000)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.40508G	56.62	88.20	-31.58	47.51	3	Horizontal	356	1.75	-	40.20	11.65	42.74
RMS	13.41428G	45.20	68.20	-23.00	36.08	3	Horizontal	356	1.75	-	40.20	11.66	42.74

6.525-6.875GHz_QPSK5_5MHz_Nss1_2TX

6700MHz_TX

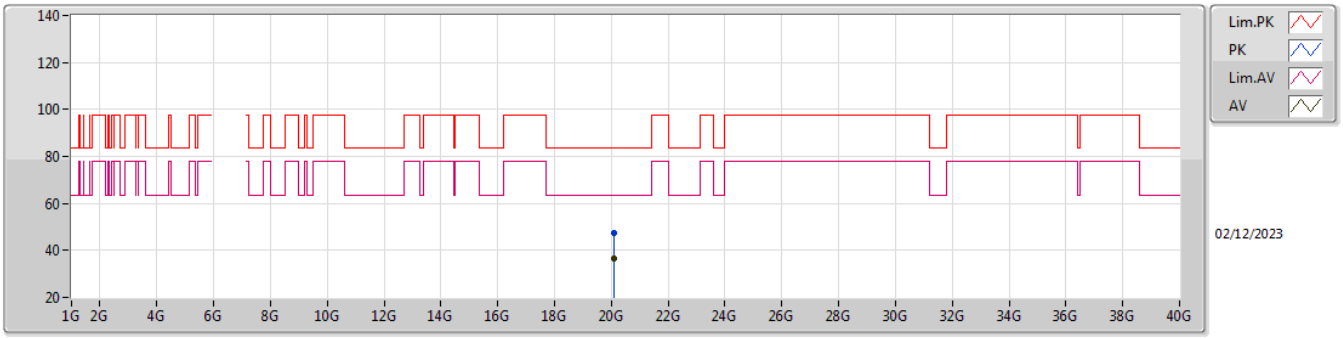


EUT Y_2TX
Setting -19(6/13000)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	20.10234G	47.38	83.54	-36.16	38.98	1	Vertical	344	1.72	-	37.89	19.87	49.36
AV	20.1099G	35.91	63.54	-27.63	27.56	1	Vertical	344	1.72	-	37.84	19.87	49.36

6.525-6.875GHz_QPSK5_5MHz_Nss1_2TX

6700MHz_TX

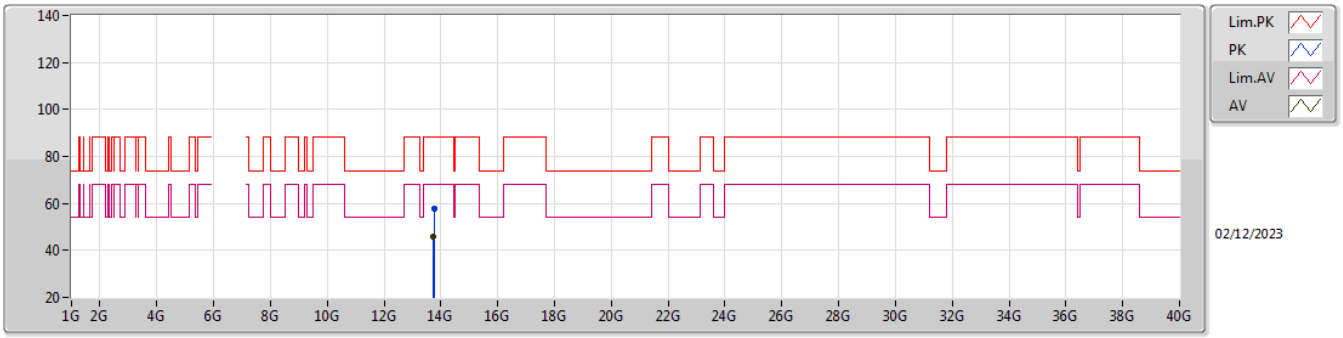


EUT Y_2TX
Setting -19(6/13000)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	20.10738G	47.39	83.54	-36.15	39.02	1	Horizontal	293	1.53	-	37.86	19.87	49.36
AV	20.10672G	36.77	63.54	-26.77	28.40	1	Horizontal	293	1.53	-	37.86	19.87	49.36

6.525-6.875GHz_QPSK5_5MHz_Nss1_2TX

6872MHz_TX

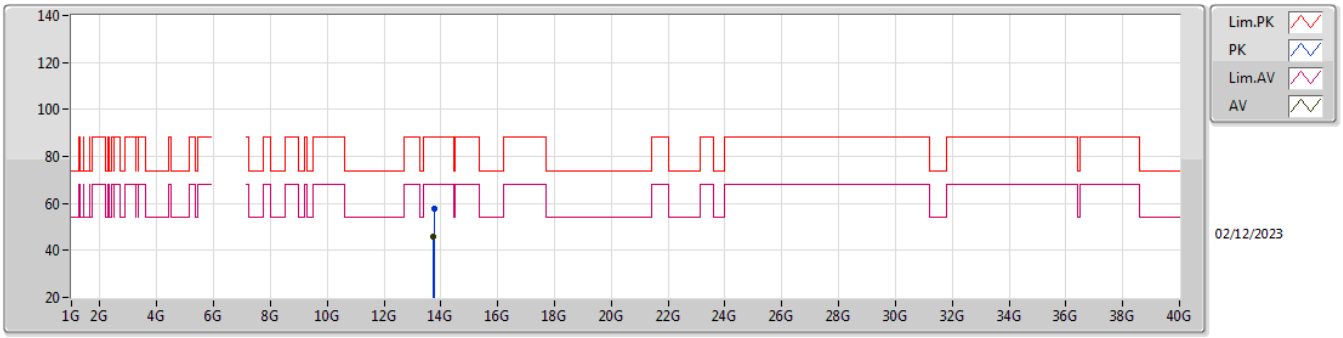


EUT Y_2TX
Setting -19(6/13000)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.75363G	57.96	88.20	-30.24	48.08	3	Vertical	298	1.78	-	40.70	11.79	42.61
RMS	13.73869G	45.89	68.20	-22.31	36.08	3	Vertical	298	1.78	-	40.65	11.78	42.62

6.525-6.875GHz_QPSK5_5MHz_Nss1_2TX

6872MHz_TX

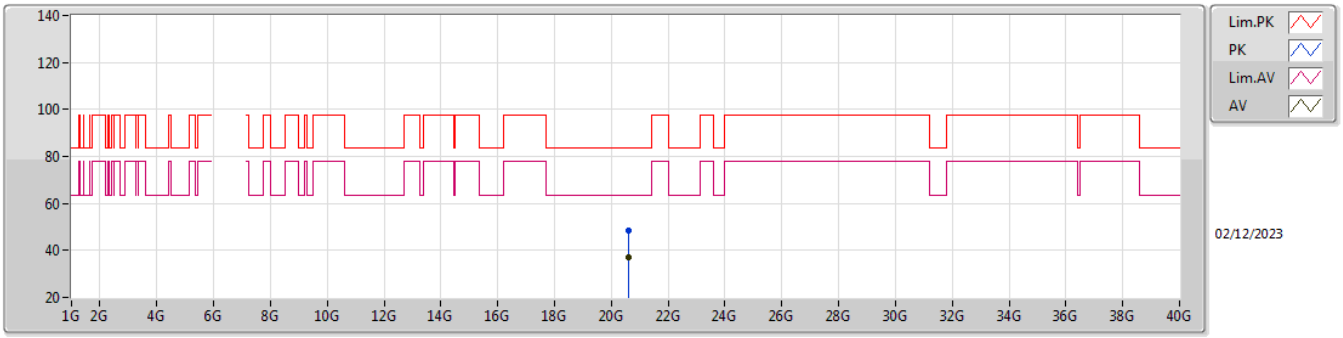


EUT Y_2TX
Setting -19(6/13000)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.75177G	57.66	88.20	-30.54	47.78	3	Horizontal	357	1.53	-	40.70	11.79	42.61
RMS	13.74607G	45.85	68.20	-22.35	36.00	3	Horizontal	357	1.53	-	40.68	11.78	42.61

6.525-6.875GHz_QPSK5_5MHz_Nss1_2TX

6872MHz_TX

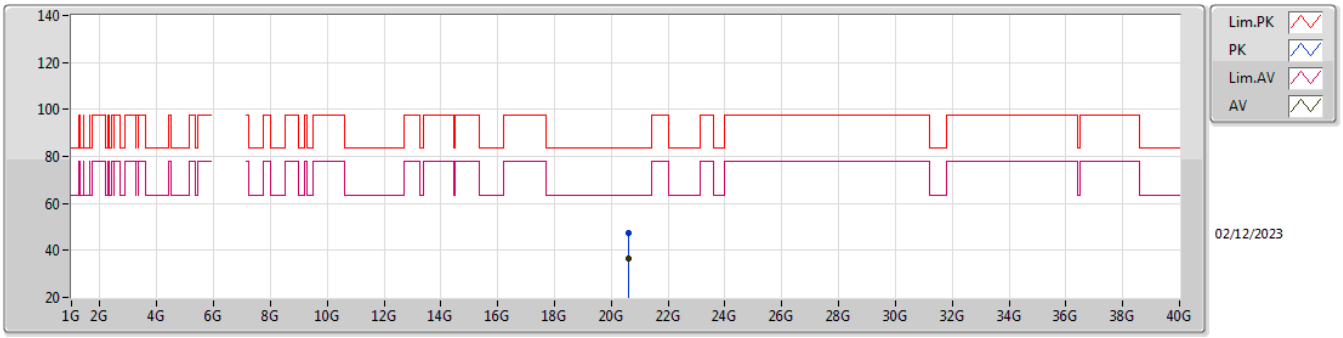


EUT Y_2TX
Setting -19(6/13000)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	20.61108G	48.46	83.54	-35.08	39.95	1	Vertical	260	1.60	-	37.98	19.83	49.30
AV	20.60604G	37.30	63.54	-26.24	28.78	1	Vertical	260	1.60	-	37.99	19.83	49.30

6.525-6.875GHz_QPSK5_5MHz_Nss1_2TX

6872MHz_TX

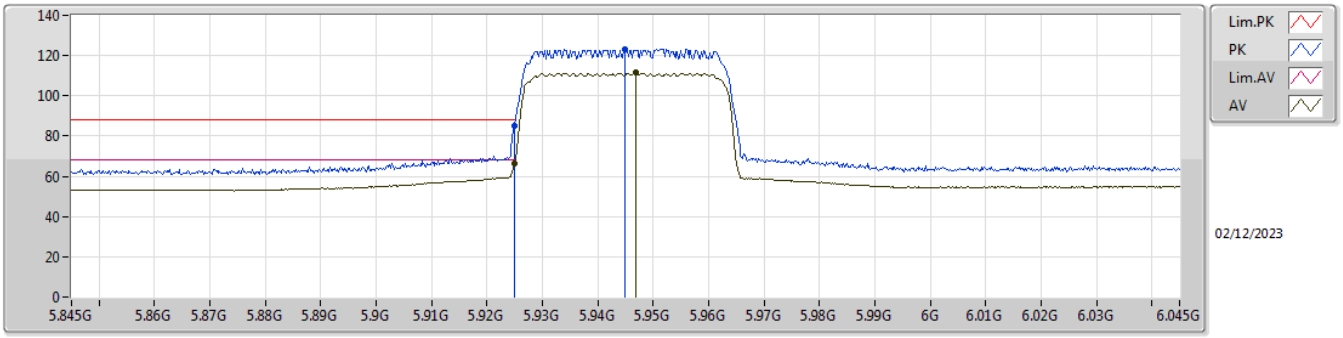


EUT Y_2TX
Setting -19(6/13000)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	20.60292G	47.67	83.54	-35.87	39.15	1	Horizontal	304	1.93	-	37.99	19.83	49.30
AV	20.60574G	36.35	63.54	-27.19	27.83	1	Horizontal	304	1.93	-	37.99	19.83	49.30

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX

5945MHz_TX

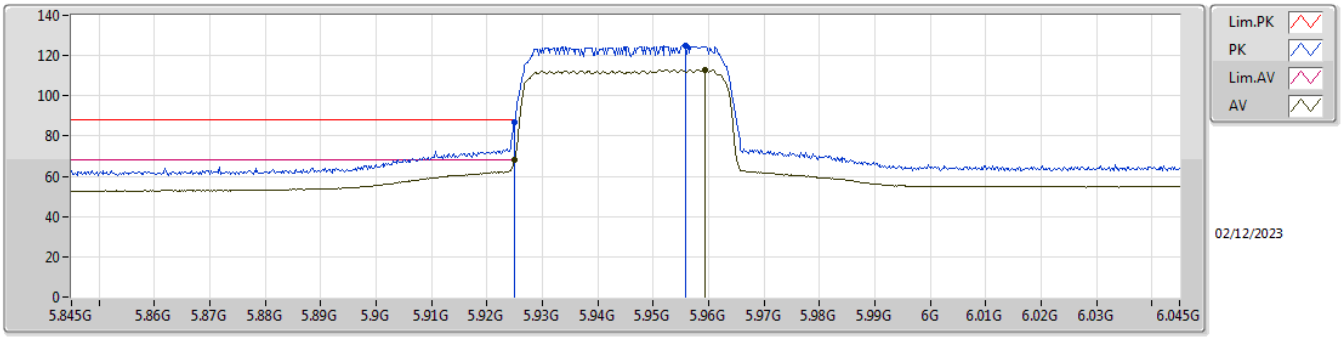


EUT Y_2TX
Setting -17.5(6/11500)
01-L-P-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.925G	85.29	88.20	-2.91	75.47	3	Vertical	356	1.66	-	35.15	7.64	32.97
AV	5.925G	66.37	68.20	-1.83	56.55	3	Vertical	356	1.66	-	35.15	7.64	32.97
PK	5.9448G	123.14	Inf	-Inf	113.20	3	Vertical	356	1.66	-	35.27	7.65	32.98
AV	5.9468G	111.48	Inf	-Inf	101.53	3	Vertical	356	1.66	-	35.28	7.65	32.98

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX

5945MHz_TX

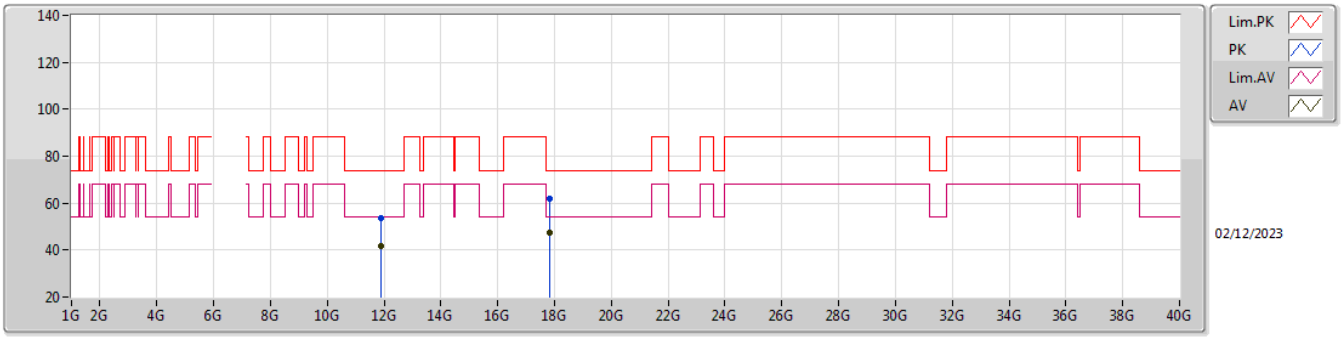


EUT Y_2TX
Setting -17.5(6/11500)
01-L-P-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.925G	86.88	88.20	-1.32	77.06	3	Horizontal	356	1.66	-	35.15	7.64	32.97
AV	5.925G	68.12	68.20	-0.08	58.30	3	Horizontal	356	1.66	-	35.15	7.64	32.97
PK	5.9558G	124.83	Inf	-Inf	114.85	3	Horizontal	356	1.66	-	35.30	7.66	32.98
AV	5.9594G	113.01	Inf	-Inf	103.04	3	Horizontal	356	1.66	-	35.30	7.66	32.99

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX

5945MHz_TX

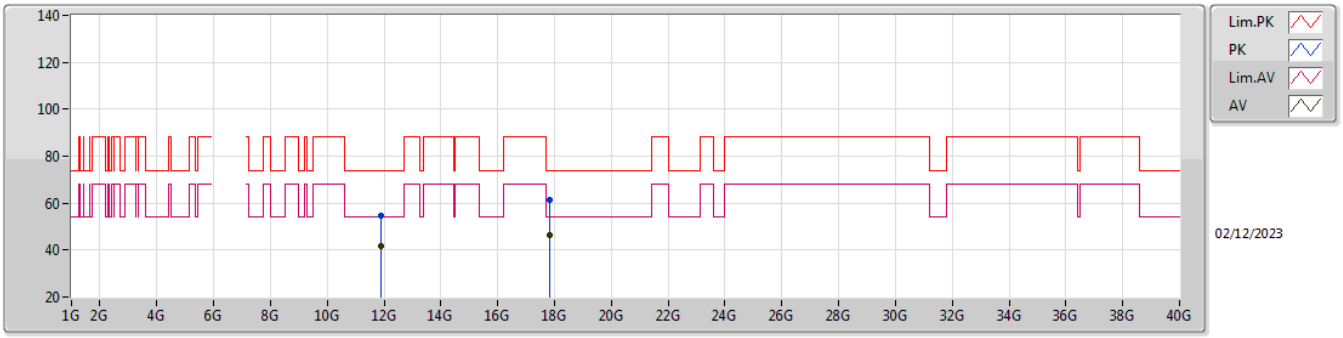


EUT Y_2TX
Setting -17.5(6/11500)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.90419G	53.55	74.00	-20.45	47.24	3	Vertical	347	1.59	-	38.48	11.07	43.24
AV	11.89693G	41.90	54.00	-12.10	35.57	3	Vertical	347	1.59	-	38.51	11.06	43.24
PK	17.8467G	61.78	74.00	-12.22	47.32	3	Vertical	203	1.96	-	42.49	13.40	41.43
AV	17.84082G	47.60	54.00	-6.40	33.18	3	Vertical	203	1.96	-	42.46	13.40	41.44

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX

5945MHz_TX

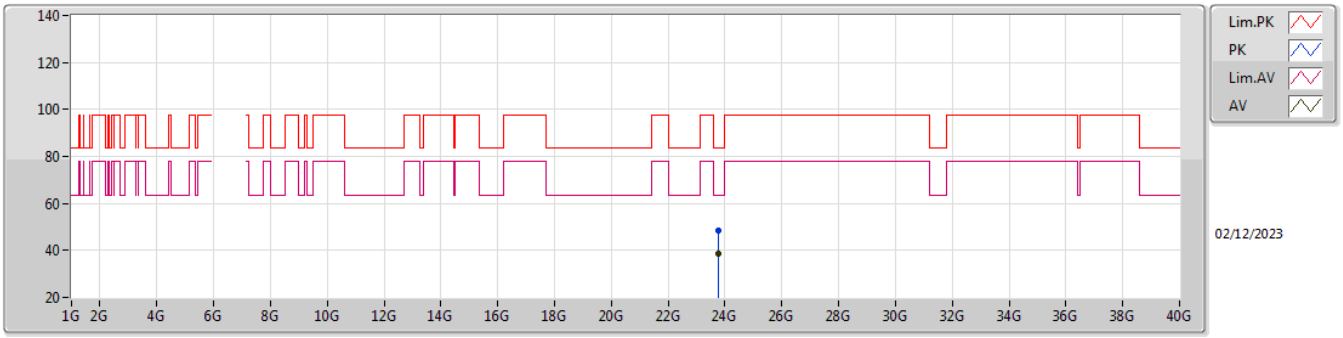


EUT Y_2TX
Setting -17.5(6/11500)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.89291G	54.76	74.00	-19.24	48.43	3	Horizontal	323	1.87	-	38.51	11.06	43.24
AV	11.90017G	41.88	54.00	-12.12	35.55	3	Horizontal	323	1.87	-	38.50	11.07	43.24
PK	17.84103G	61.22	74.00	-12.78	46.80	3	Horizontal	179	1.77	-	42.46	13.40	41.44
AV	17.84517G	46.62	54.00	-7.38	32.17	3	Horizontal	179	1.77	-	42.48	13.40	41.43

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX

5945MHz_TX

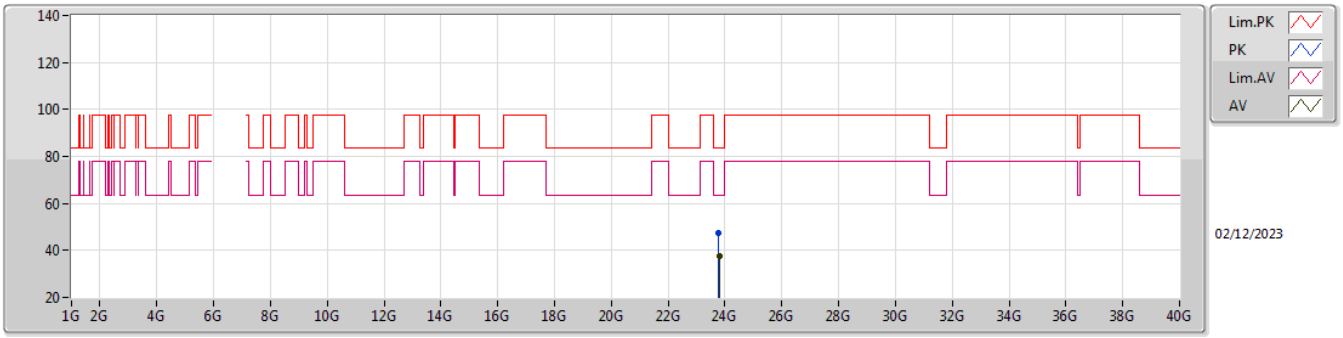


EUT Y_2TX
Setting -17.5(6/11500)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	23.7743G	48.47	83.54	-35.07	35.83	1	Vertical	321	1.78	-	39.15	20.79	47.30
AV	23.77856G	38.62	63.54	-24.92	25.99	1	Vertical	321	1.78	-	39.14	20.79	47.30

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX

5945MHz_TX

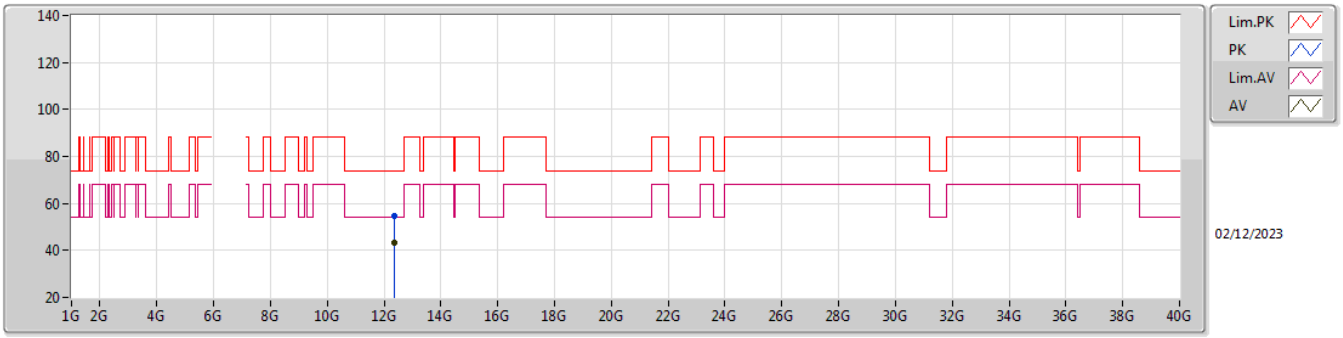


EUT Y_2TX
Setting -17.5(6/11500)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	23.76716G	47.45	83.54	-36.09	34.80	1	Horizontal	99	1.65	-	39.17	20.79	47.31
AV	23.79362G	37.63	63.54	-25.91	25.01	1	Horizontal	99	1.65	-	39.11	20.80	47.29

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX

6175MHz_TX

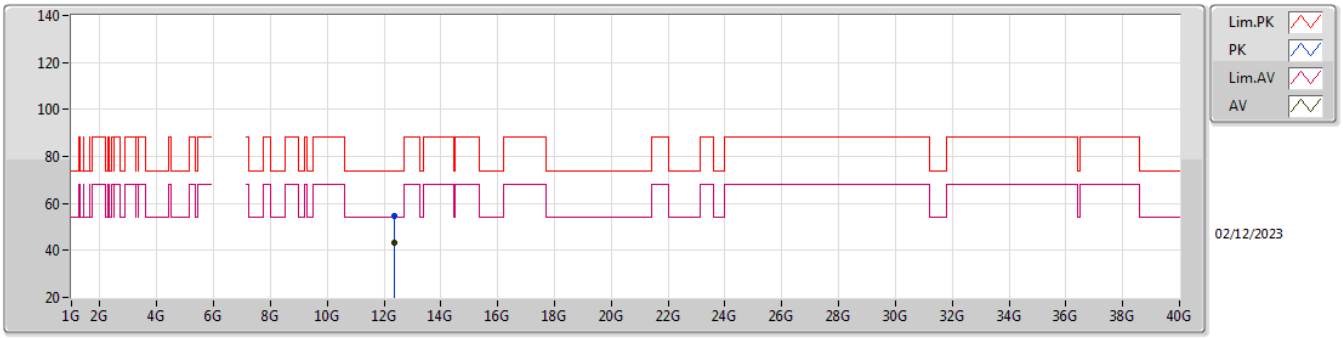


EUT Y_2TX
Setting -15(6/9000)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.34412G	54.84	74.00	-19.16	48.17	3	Vertical	336	1.55	-	38.59	11.25	43.17
AV	12.35327G	43.09	54.00	-10.91	36.40	3	Vertical	336	1.55	-	38.61	11.25	43.17

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX

6175MHz_TX

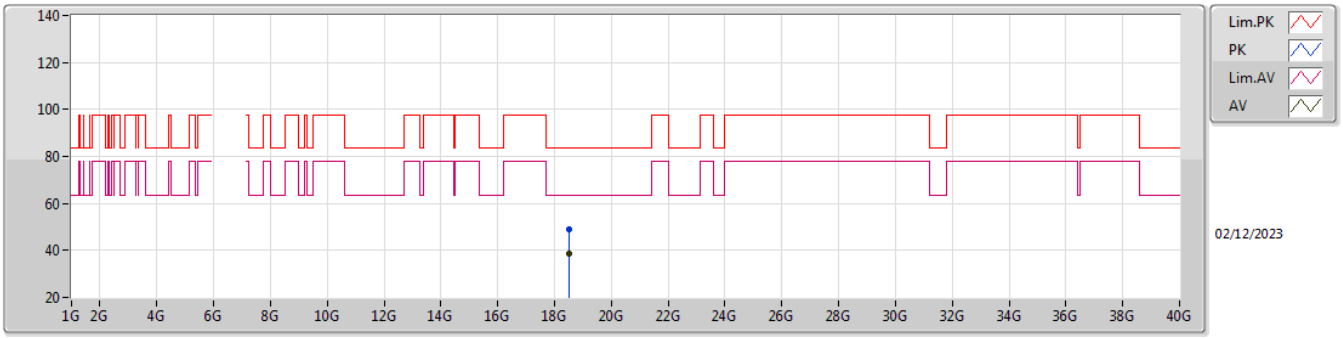


EUT Y_2TX
Setting -15(6/9000)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.35108G	54.55	74.00	-19.45	47.87	3	Horizontal	337	1.64	-	38.60	11.25	43.17
AV	12.35987G	43.05	54.00	-10.95	36.34	3	Horizontal	337	1.64	-	38.62	11.26	43.17

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX

6175MHz_TX

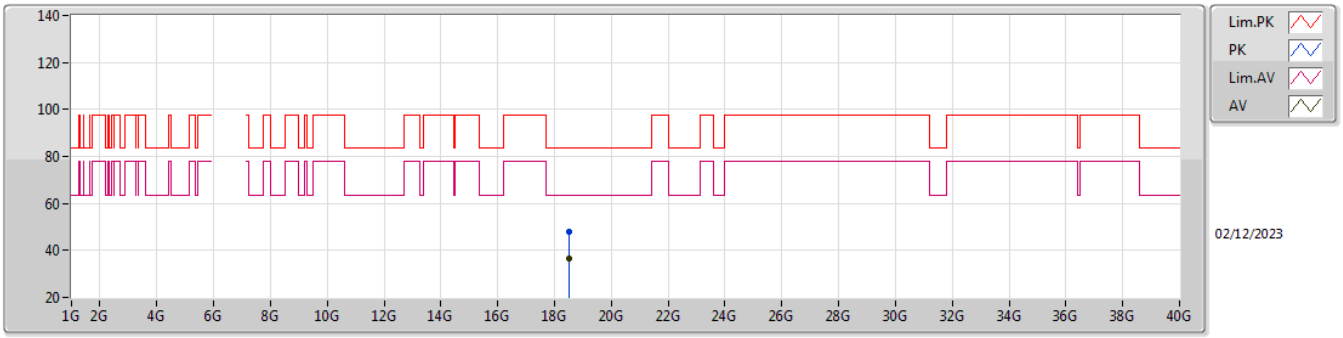


EUT Y_2TX
Setting -15(6/9000)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	18.53244G	48.86	83.54	-34.68	41.99	1	Vertical	171	1.72	-	37.77	18.86	49.76
AV	18.51114G	38.60	63.54	-24.94	31.66	1	Vertical	171	1.72	-	37.86	18.85	49.77

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX

6175MHz_TX

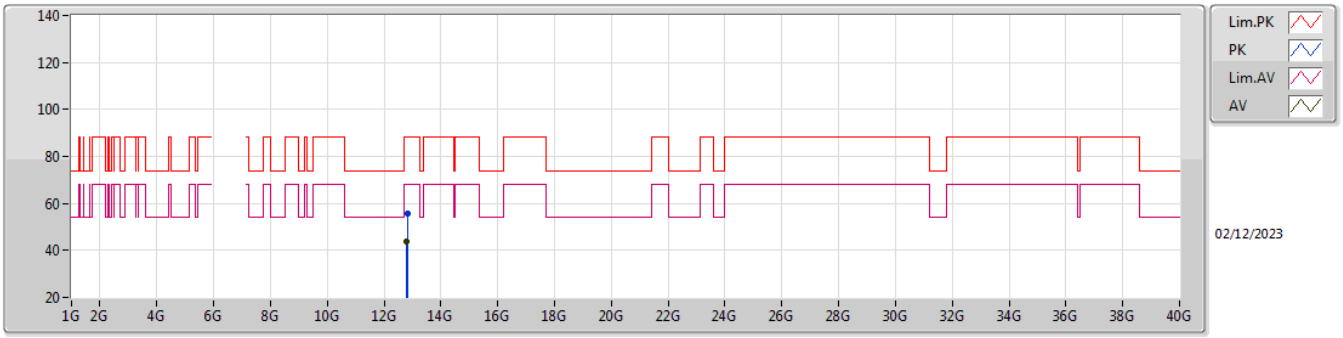


EUT Y_2TX
Setting -15(6/9000)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	18.52776G	47.76	83.54	-35.78	40.87	1	Horizontal	93	1.30	-	37.79	18.86	49.76
AV	18.5226G	36.46	63.54	-27.08	29.56	1	Horizontal	93	1.30	-	37.81	18.85	49.76

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX

6405MHz_TX

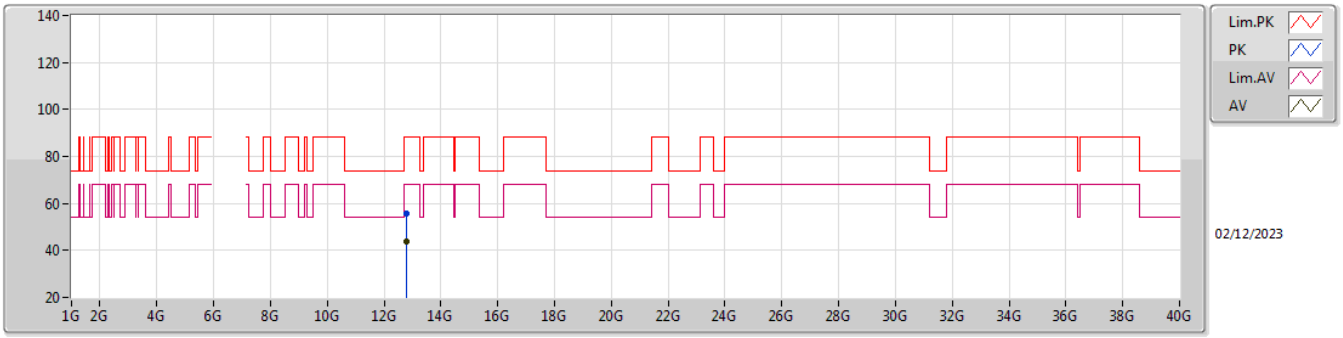


EUT Y_2TX
Setting -14.5(6/8500)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.81885G	55.87	88.20	-32.33	47.93	3	Vertical	317	1.61	-	39.34	11.43	42.83
RMS	12.80217G	43.75	68.20	-24.45	35.88	3	Vertical	317	1.61	-	39.30	11.42	42.85

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX

6405MHz_TX

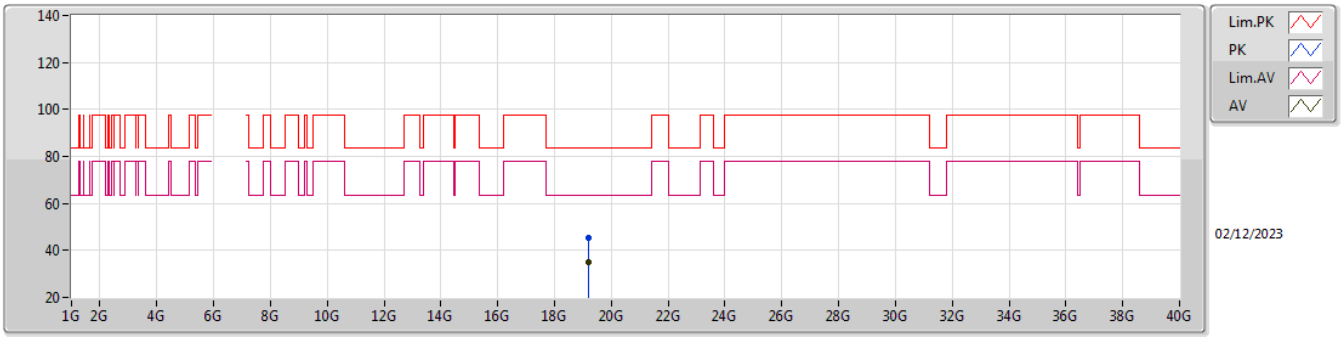


EUT Y_2TX
Setting -14.5(6/8500)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.80265G	55.83	88.20	-32.37	47.94	3	Horizontal	136	1.33	-	39.31	11.43	42.85
RMS	12.7989G	43.82	68.20	-24.38	35.95	3	Horizontal	136	1.33	-	39.30	11.42	42.85

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX

6405MHz_TX

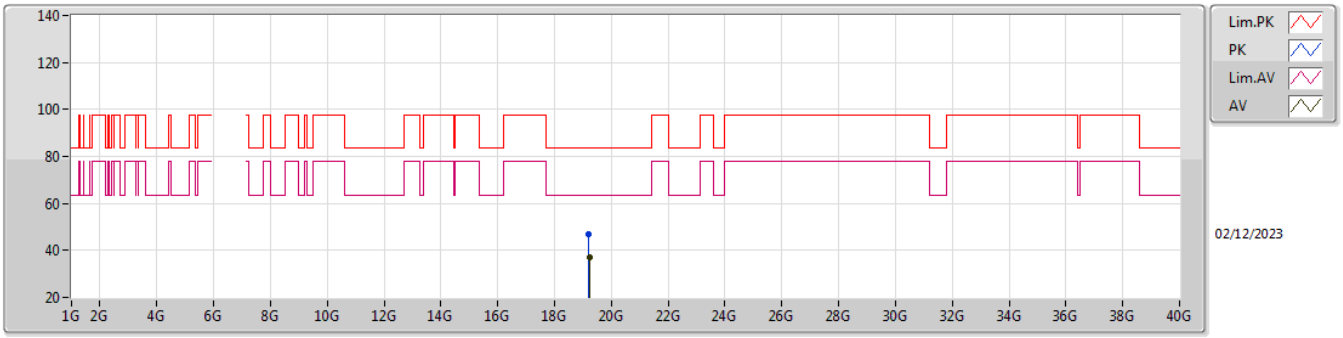


EUT Y_2TX
Setting -14.5(6/8500)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.20636G	45.27	83.54	-38.27	37.51	1	Vertical	88	1.43	-	37.99	19.33	49.56
AV	19.21128G	35.01	63.54	-28.53	27.26	1	Vertical	88	1.43	-	37.98	19.33	49.56

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX

6405MHz_TX

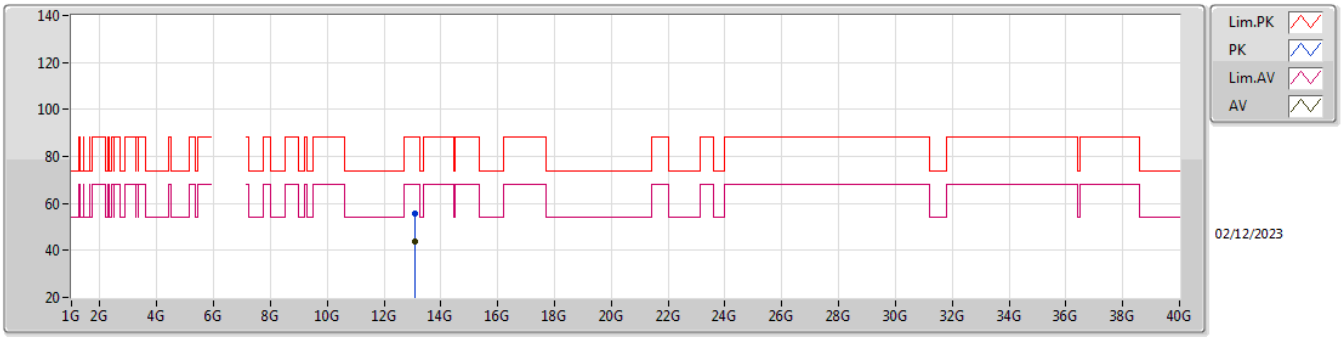


EUT Y_2TX
Setting -14.5(6/8500)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.21428G	47.12	83.54	-36.42	39.38	1	Horizontal	328	1.91	-	37.97	19.33	49.56
AV	19.22004G	36.83	63.54	-26.71	29.10	1	Horizontal	328	1.91	-	37.96	19.34	49.57

6.525-6.875GHz_QPSK40_40MHz_Nss1_2TX

6545MHz_TX

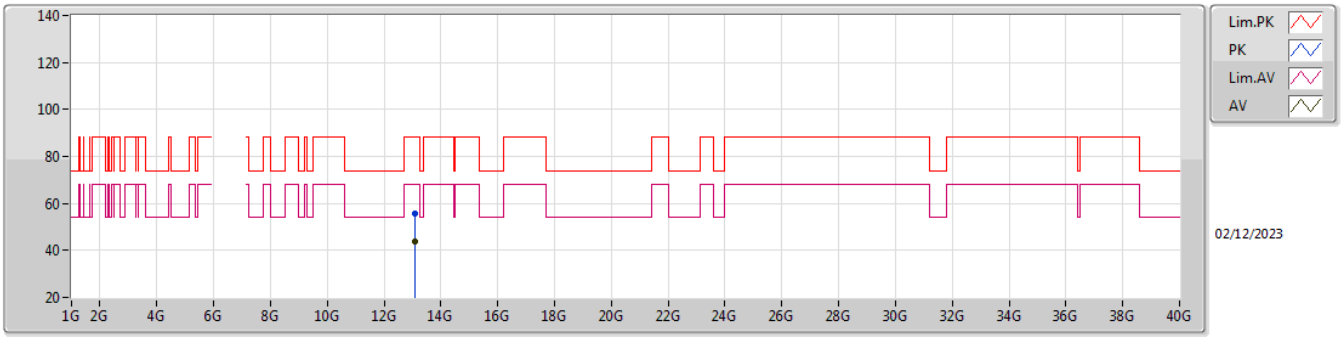


EUT Y_2TX
Setting -14(6/8000)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.08916G	55.47	88.20	-32.73	46.91	3	Vertical	28	1.98	-	39.70	11.53	42.67
RMS	13.08007G	43.79	68.20	-24.41	35.23	3	Vertical	28	1.98	-	39.70	11.53	42.67

6.525-6.875GHz_QPSK40_40MHz_Nss1_2TX

6545MHz_TX

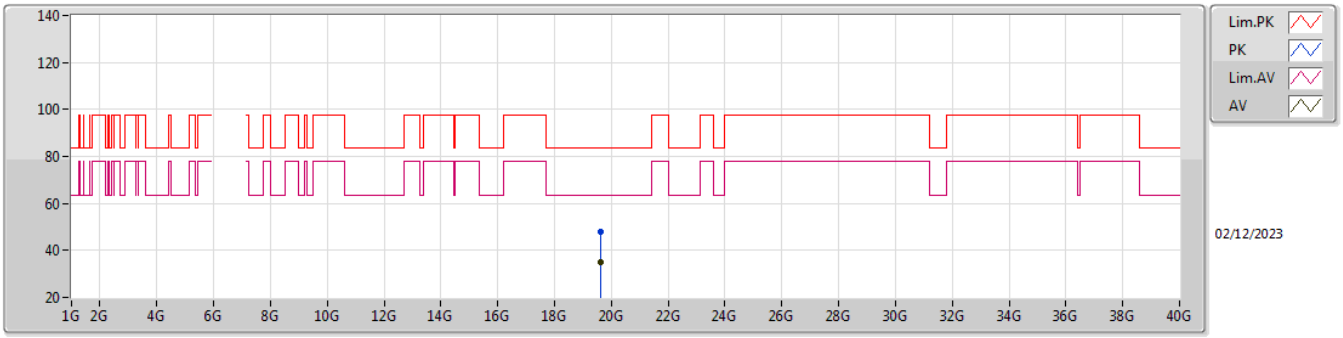


EUT Y_2TX
Setting -14(6/8000)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.0771G	55.71	88.20	-32.49	47.15	3	Horizontal	96	1.33	-	39.70	11.53	42.67
RMS	13.07887G	43.84	68.20	-24.36	35.28	3	Horizontal	96	1.33	-	39.70	11.53	42.67

6.525-6.875GHz_QPSK40_40MHz_Nss1_2TX

6545MHz_TX

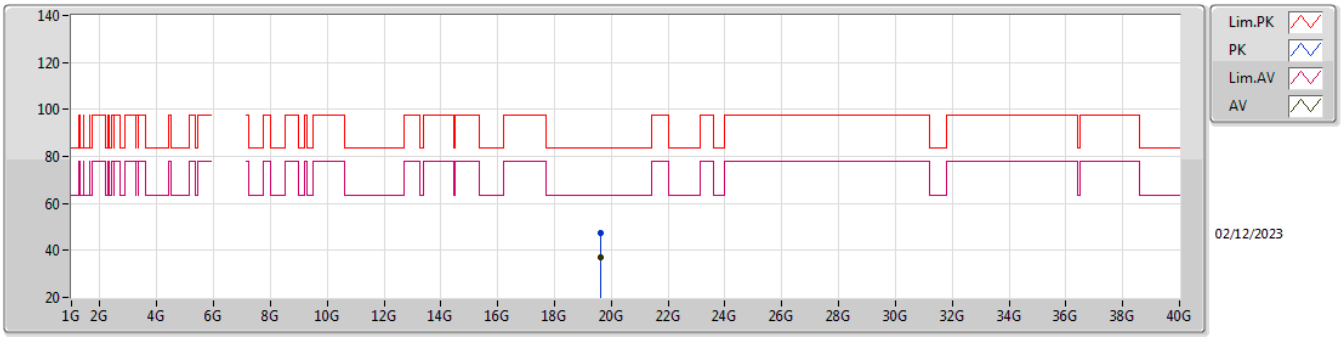


EUT Y_2TX
Setting -14(6/8000)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.63926G	47.89	83.54	-35.65	39.85	1	Vertical	264	1.73	-	38.04	19.63	49.63
AV	19.63182G	35.19	63.54	-28.35	27.22	1	Vertical	264	1.73	-	37.99	19.62	49.64

6.525-6.875GHz_QPSK40_40MHz_Nss1_2TX

6545MHz_TX

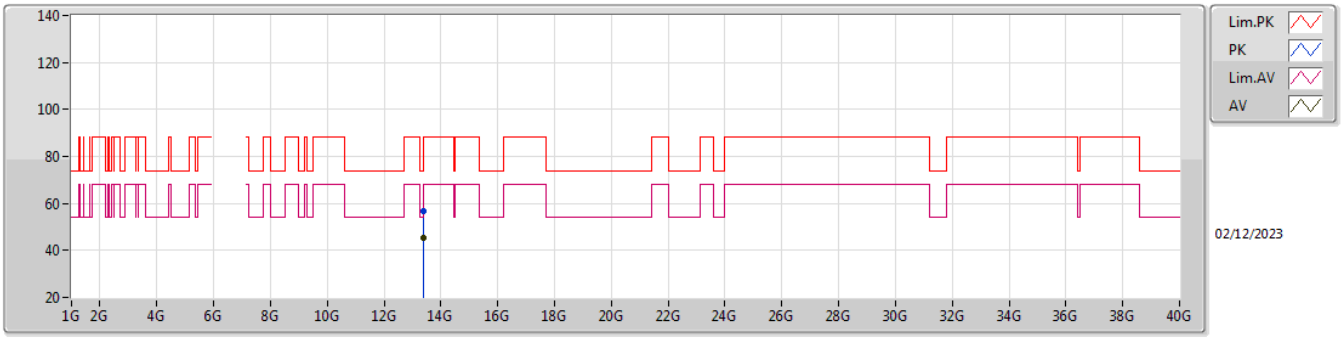


EUT Y_2TX
Setting -14(6/8000)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.62924G	47.53	83.54	-36.01	39.57	1	Horizontal	105	1.55	-	37.98	19.62	49.64
AV	19.62036G	36.97	63.54	-26.57	29.08	1	Horizontal	105	1.55	-	37.92	19.62	49.65

6.525-6.875GHz_QPSK40_40MHz_Nss1_2TX

6700MHz_TX

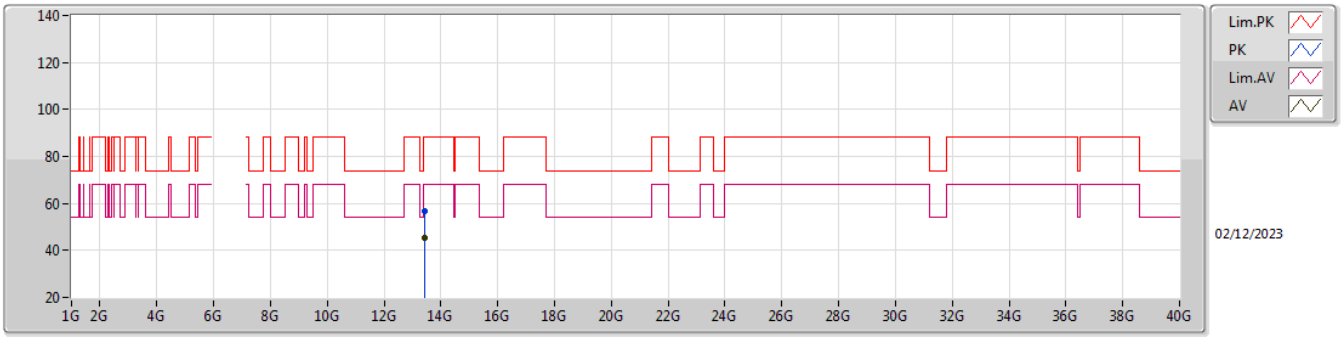


EUT Y_2TX
Setting -12.5(6/6500)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.40535G	56.73	88.20	-31.47	47.62	3	Vertical	58	1.43	-	40.20	11.65	42.74
RMS	13.40015G	45.20	68.20	-23.00	36.09	3	Vertical	58	1.43	-	40.20	11.65	42.74

6.525-6.875GHz_QPSK40_40MHz_Nss1_2TX

6700MHz_TX

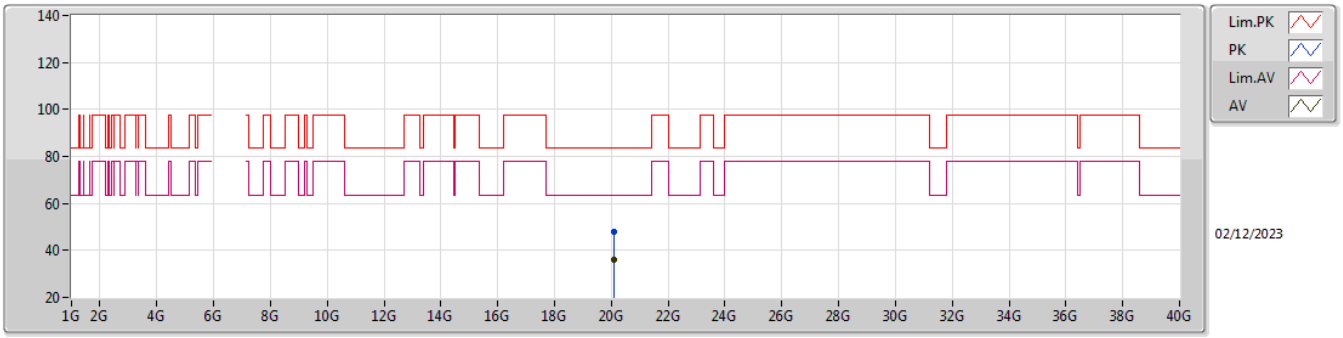


EUT Y_2TX
Setting -12.5(6/6500)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.41017G	56.88	88.20	-31.32	47.76	3	Horizontal	183	1.40	-	40.20	11.66	42.74
RMS	13.40942G	45.15	68.20	-23.05	36.03	3	Horizontal	183	1.40	-	40.20	11.66	42.74

6.525-6.875GHz_QPSK40_40MHz_Nss1_2TX

6700MHz_TX

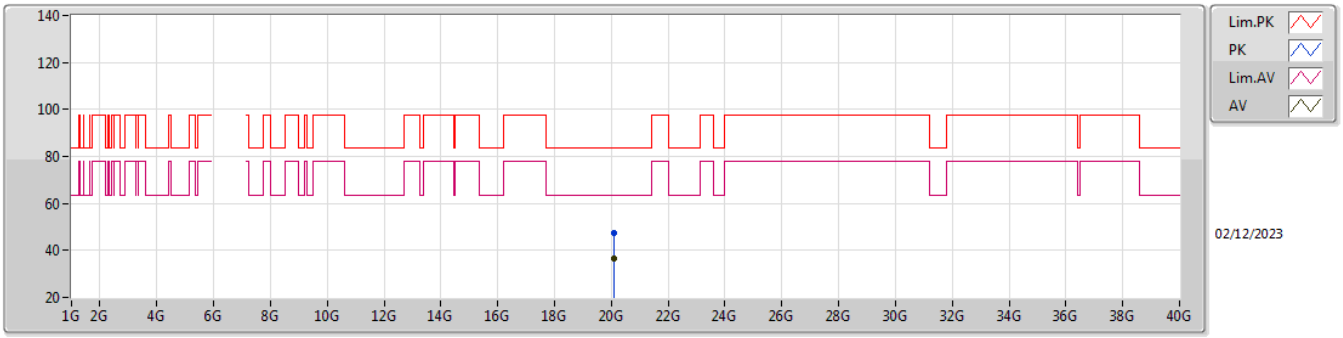


EUT Y_2TX
Setting -12.5(6/6500)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	20.11446G	47.88	83.54	-35.66	39.56	1	Vertical	2	1.71	-	37.81	19.87	49.36
AV	20.1033G	35.88	63.54	-27.66	27.49	1	Vertical	2	1.71	-	37.88	19.87	49.36

6.525-6.875GHz_QPSK40_40MHz_Nss1_2TX

6700MHz_TX

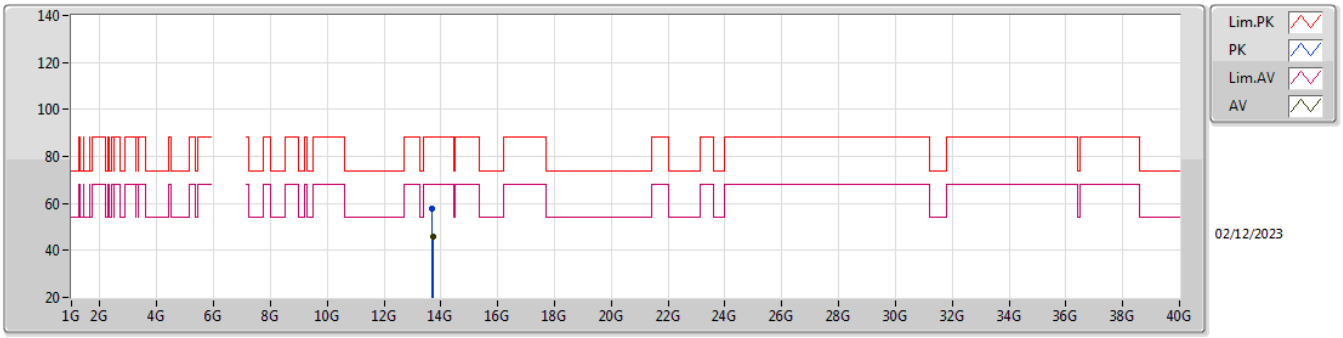


EUT Y_2TX
Setting -12.5(6/6500)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	20.1027G	47.28	83.54	-36.26	38.89	1	Horizontal	75	1.44	-	37.88	19.87	49.36
AV	20.09874G	36.67	63.54	-26.87	28.27	1	Horizontal	75	1.44	-	37.89	19.87	49.36

6.525-6.875GHz_QPSK40_40MHz_Nss1_2TX

6855MHz_TX

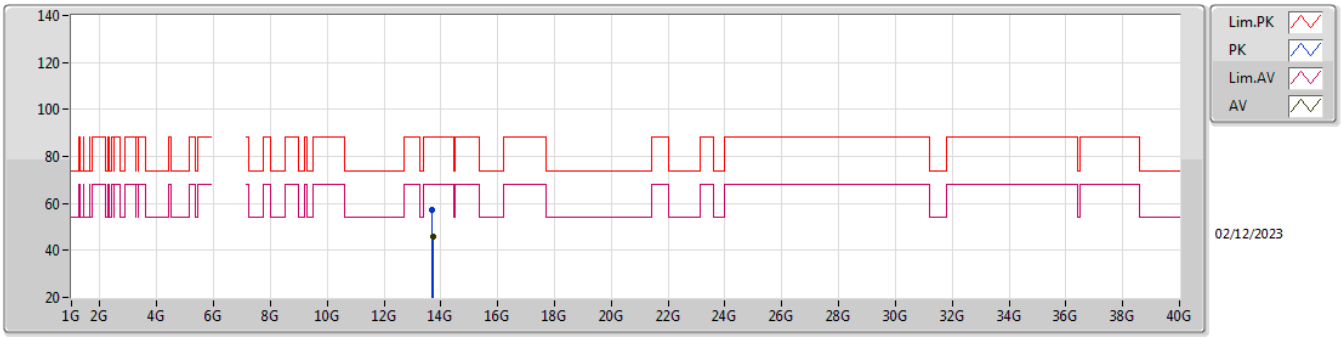


EUT Y_2TX
Setting -13(6/7000)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.7043G	57.61	88.20	-30.59	47.96	3	Vertical	204	1.80	-	40.52	11.77	42.64
RMS	13.72464G	45.81	68.20	-22.39	36.06	3	Vertical	204	1.80	-	40.60	11.78	42.63

6.525-6.875GHz_QPSK40_40MHz_Nss1_2TX

6855MHz_TX

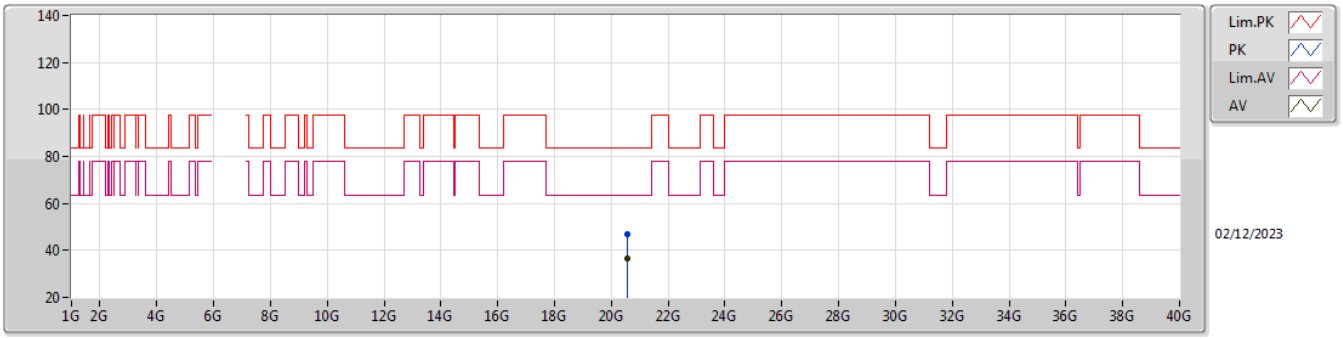


EUT Y_2TX
Setting -13(6/7000)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.70802G	57.08	88.20	-31.12	47.42	3	Horizontal	192	1.59	-	40.53	11.77	42.64
RMS	13.72092G	45.66	68.20	-22.54	35.94	3	Horizontal	192	1.59	-	40.58	11.77	42.63

6.525-6.875GHz_QPSK40_40MHz_Nss1_2TX

6855MHz_TX

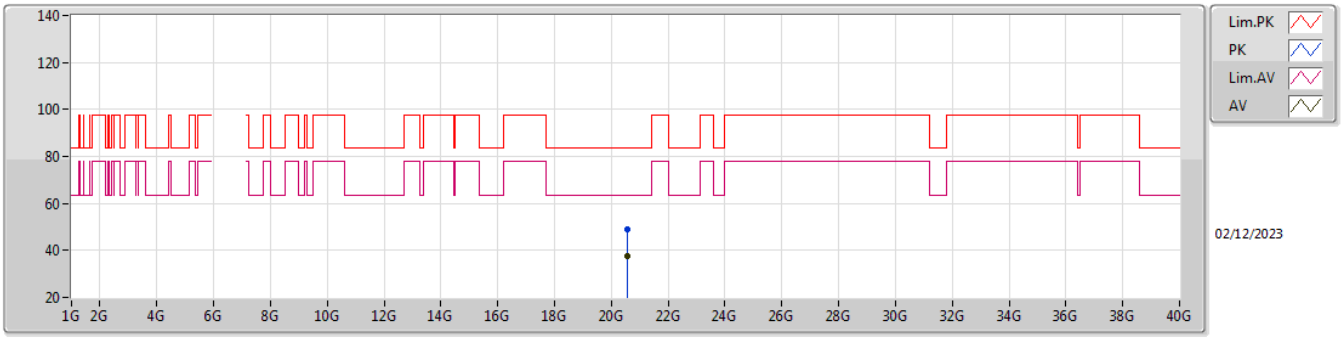


EUT Y_2TX
Setting -13(6/7000)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	20.5578G	47.00	83.54	-36.54	38.57	1	Vertical	130	1.68	-	37.92	19.83	49.32
AV	20.57802G	36.30	63.54	-27.24	27.82	1	Vertical	130	1.68	-	37.96	19.83	49.31

6.525-6.875GHz_QPSK40_40MHz_Nss1_2TX

6855MHz_TX



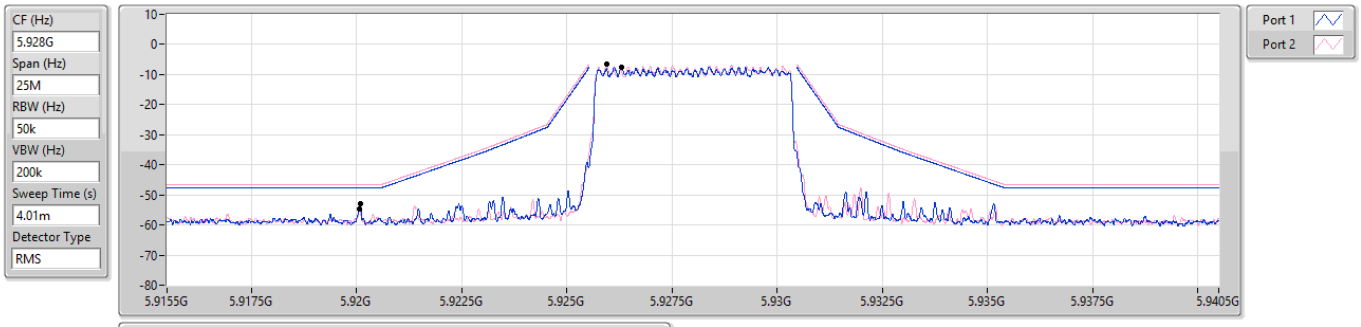
EUT Y_2TX
Setting -13(6/7000)
01-L-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	20.56926G	48.87	83.54	-34.67	40.42	1	Horizontal	236	1.58	-	37.94	19.83	49.32
AV	20.5551G	37.42	63.54	-26.12	29.00	1	Horizontal	236	1.58	-	37.91	19.83	49.32

5.925-6.425GHz_QPSK5_5MHz_Nss1_2TX **MASK**

5928MHz_TX

04/12/2023

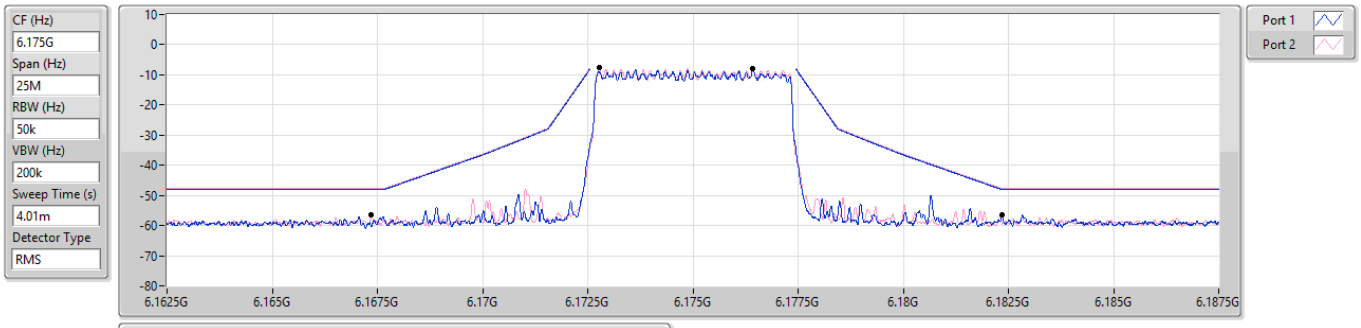


Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
5.926294G	-7.54	5.920088G	-52.92	-47.54	-5.38	1
5.925951G	-6.67	5.920075G	-54.52	-46.67	-7.85	2

5.925-6.425GHz_QPSK5_5MHz_Nss1_2TX **MASK**

6175MHz_TX

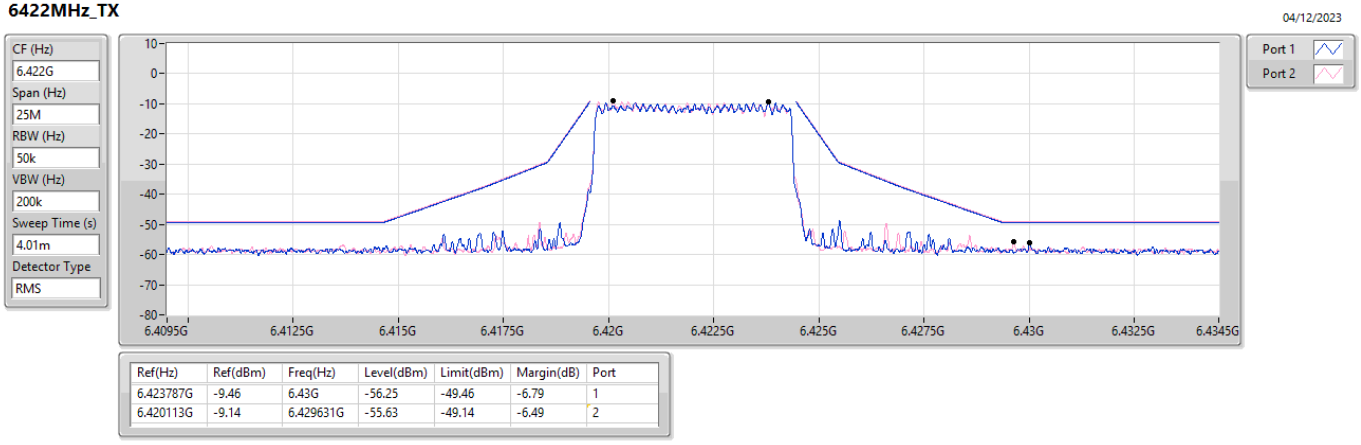
04/12/2023



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.176431G	-8.04	6.182344G	-56.41	-48.04	-8.37	1
6.172769G	-7.72	6.167356G	-56.59	-47.72	-8.87	2

5.925-6.425GHz_QPSK5_5MHz_Nss1_2TX **MASK**

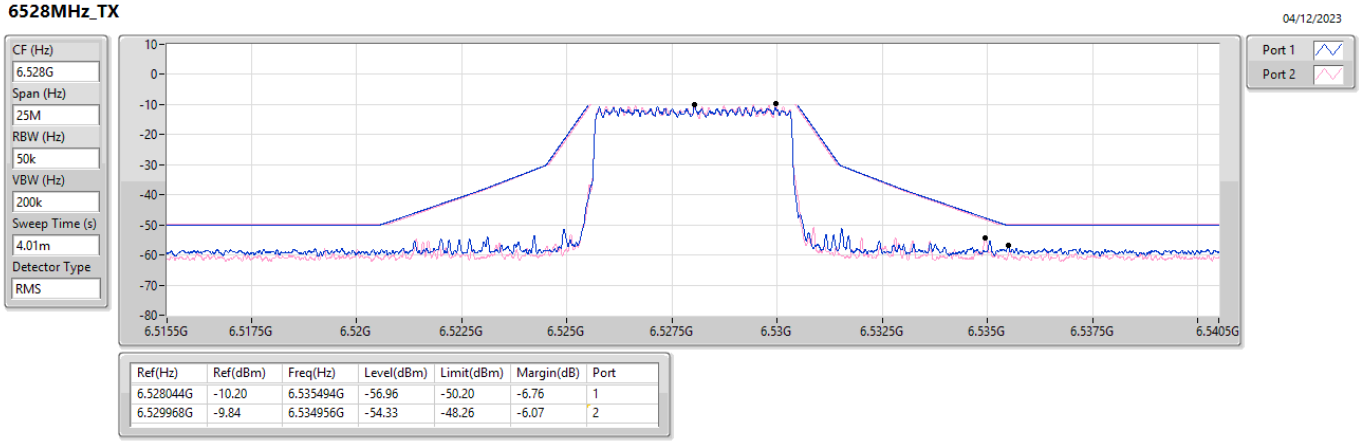
6422MHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.423787G	-9.46	6.43G	-56.25	-49.46	-6.79	1
6.420113G	-9.14	6.429631G	-55.63	-49.14	-6.49	2

6.525-6.875GHz_QPSK5_5MHz_Nss1_2TX **MASK**

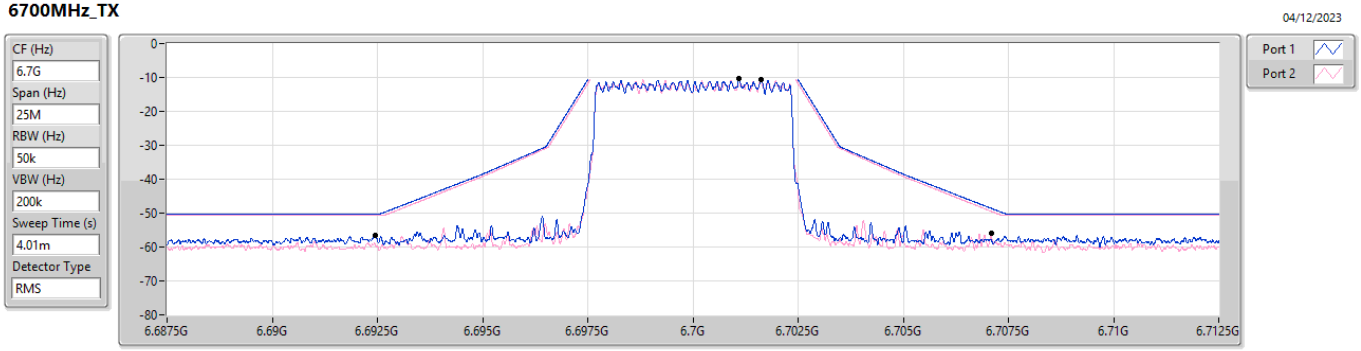
6528MHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.528044G	-10.20	6.535494G	-56.96	-50.20	-6.76	1
6.529968G	-9.84	6.534956G	-54.33	-48.26	-6.07	2

6.525-6.875GHz_QPSK5_5MHz_Nss1_2TX **MASK**

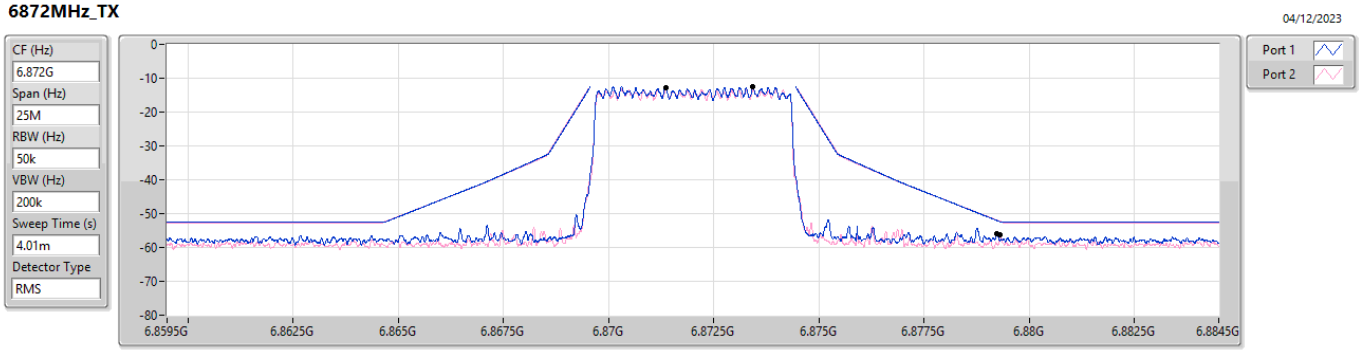
6700MHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.701094G	-10.43	6.692438G	-56.58	-50.43	-6.15	1
6.701618G	-10.54	6.707088G	-56.03	-49.47	-6.56	2

6.525-6.875GHz_QPSK5_5MHz_Nss1_2TX **MASK**

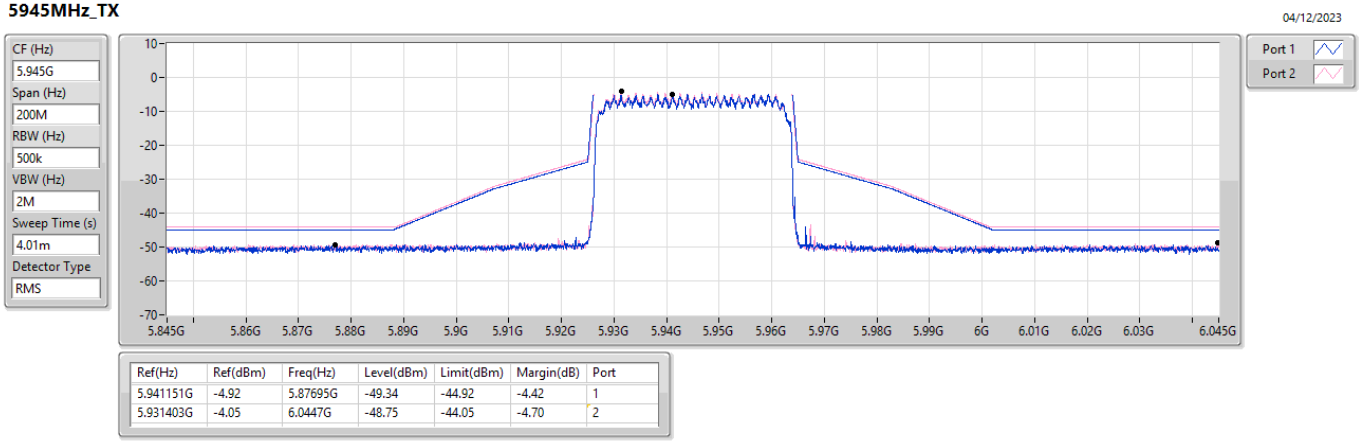
6872MHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.873431G	-12.44	6.879231G	-56.06	-52.08	-3.98	1
6.871356G	-12.96	6.879306G	-56.35	-52.31	-4.04	2

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX **MASK**

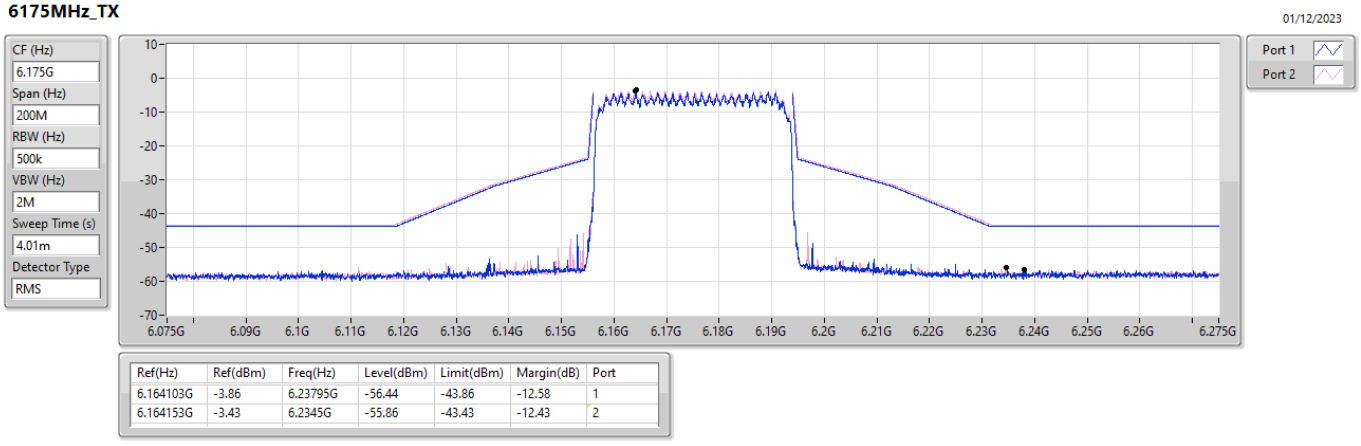
5945MHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
5.941151G	-4.92	5.87695G	-49.34	-44.92	-4.42	1
5.931403G	-4.05	6.0447G	-48.75	-44.05	-4.70	2

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX **MASK**

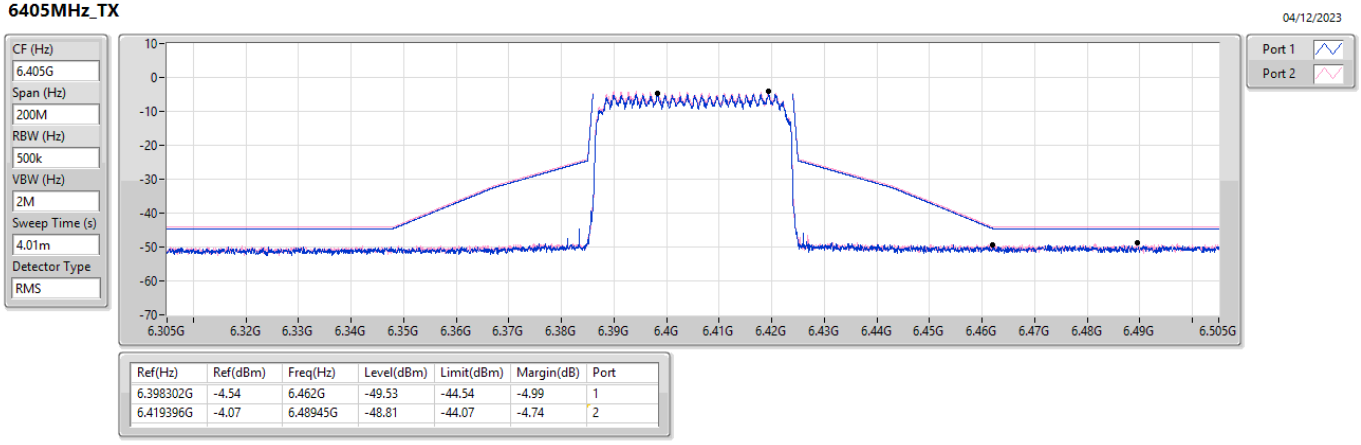
6175MHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.164103G	-3.86	6.23795G	-56.44	-43.86	-12.58	1
6.164153G	-3.43	6.2345G	-55.86	-43.43	-12.43	2

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX **MASK**

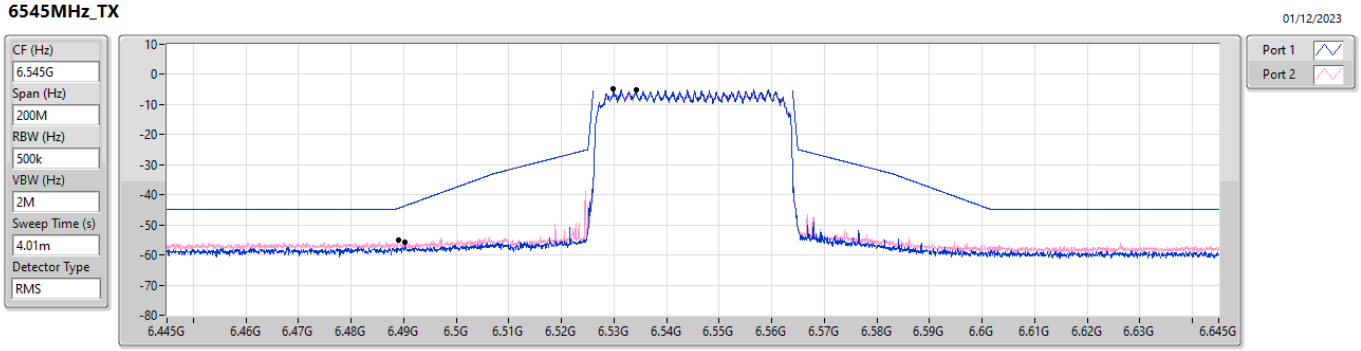
6405MHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.398302G	-4.54	6.462G	-49.53	-44.54	-4.99	1
6.419396G	-4.07	6.48945G	-48.81	-44.07	-4.74	2

6.525-6.875GHz_QPSK40_40MHz_Nss1_2TX **MASK**

6545MHz_TX

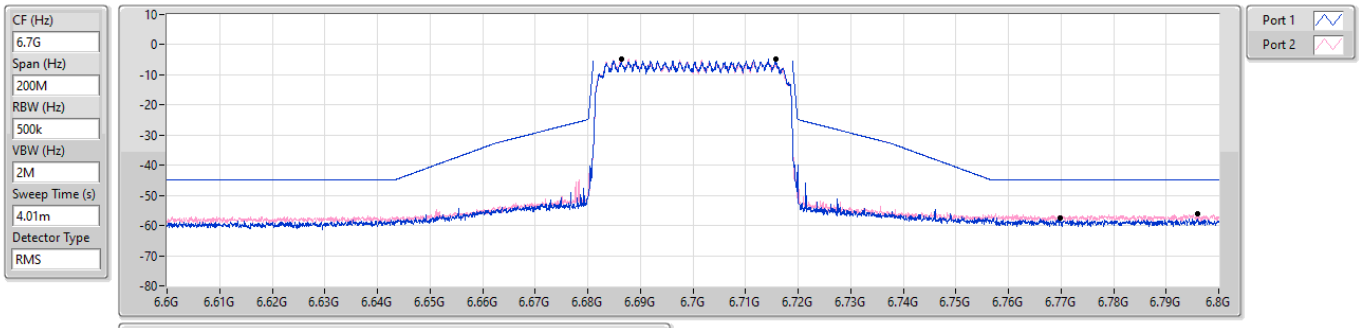


Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.534153G	-4.95	6.49025G	-55.77	-43.68	-12.09	1
6.529854G	-4.92	6.48905G	-55.19	-44.41	-10.78	2

6.525-6.875GHz_QPSK40_40MHz_Nss1_2TX **MASK**

6700MHz_TX

01/12/2023

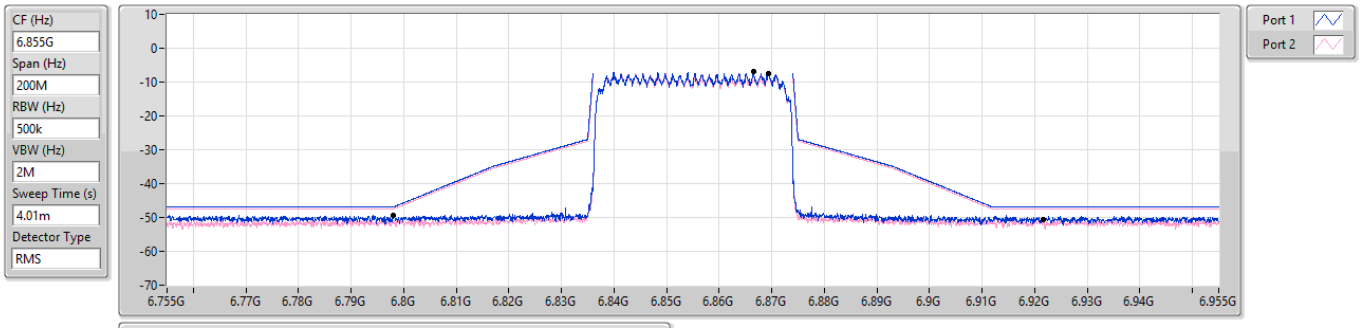


Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.715746G	-4.79	6.76985G	-57.42	-44.79	-12.63	1
6.686403G	-4.78	6.79605G	-56.12	-44.78	-11.34	2

6.525-6.875GHz_QPSK40_40MHz_Nss1_2TX **MASK**

6855MHz_TX

04/12/2023



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.866547G	-6.90	6.798G	-49.44	-46.90	-2.54	1
6.869396G	-7.39	6.92155G	-50.53	-47.39	-3.14	2