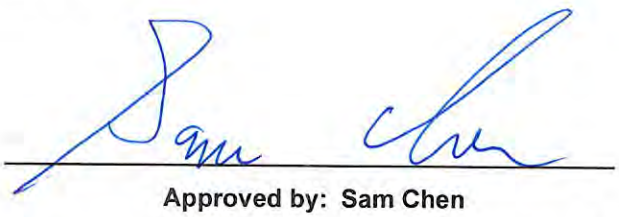
Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	Z8H89FT0081
Equipment	:	6084HH
Brand Name	:	Cambium Networks
Model Name	:	6084HH
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. 17, 2023, and testing was started from Oct. 17, 2023 and completed on Apr. 17, 2024. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this 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
FR380235-01	01	Initial issue of report	Mar. 15, 2024
FR380235-01	02	1. Revising the test measurement method of Maximum Equivalent Isotopically Radiated Power (E.I.R.P.) to "Conducted" from "Radiated" and its data has been replaced. 2. Revising the test measurement method of Peak Power Spectral Density (E.I.R.P.) to "Conducted" from "Radiated" and its data has been replaced.	Apr. 30, 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 Power AP 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:

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

Reviewed by: Sam Chen
Report Producer: Cathy Chiu

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	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

Ant.	Port					Brand	Model Name	Antenna Type	Connector	Gain (dBi)
	5GHz			6GHz						
	R1	R2	R1+R2	R1	R2					
1	-	1	3	-	1	Cambium	Canopy V 4X4 Array Antenna	Array	RP-SMA	Note1
2	-	2	4	-	2	Cambium	Canopy V 4X4 Array Antenna	Array	RP-SMA	
3	2	-	2	2	-	Cambium	Canopy V 4X4 Array Antenna	Array	RP-SMA	
4	1	-	1	1	-	Cambium	Canopy V 4X4 Array Antenna	Array	RP-SMA	

Note1:

Ant.	Port					Gain (dBi)	
	5GHz			6GHz		5GHz	6GHz
	R1	R2	R1+R2	R1	R2		
1	-	1	3	-	1	15.922	15.892
2	-	2	4	-	2	15.958	15.958
3	2	-	2	2	-	15.962	15.893
4	1	-	1	1	-	15.906	15.906

Note 2: The above information was declared by manufacturer.

Note 3: Directional gain information

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

Ex.

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

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

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

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

Where ;

Cross-Polarized Antenna

5G UNII-1 G1 = 15.962 dBi; G2 = 15.906 dBi;

5G UNII-3 G1 = 15.922 dBi; G2 = 15.958 dBi;

5G UNII-1 DG = 15.962 dBi

5G UNII-3 DG = 15.958 dBi

6E UNII-5 G1 = 15.893 dBi; G2 = 15.906 dBi;

6E UNII-7 G1 = 15.892 dBi; G2 = 15.958 dBi;

6E UNII-5 DG = 15.906 dBi

6E UNII-7 DG = 15.958 dBi

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.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
QPSK5	0.933	0.3	2.333m	1k
QPSK40	0.817	0.88	2.04m	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: The above information was declared by manufacturer.

1.1.5 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.

1.1.6 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR380235

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

Modifications	Performance Checking
Add the Standard Power Access Point for 5MHz and 40MHz in UNII-5, UNII-7 through SW change.	All test items

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 (Other tests)	TH03-CB	Owen Hsu	21.4~22.2 / 65~72	Nov. 16, 2023~ Nov. 20, 2023
RF Conducted (E.I.R.P. Power/PSD)	TH03-CB	Owen Hsu	21.4~22.2 / 65~72	Apr. 17, 2024
Radiated (Above 1GHz)	03CH03-CB	Black Lu	22-23 / 55-58	Oct. 17, 2023~ Oct. 18, 2023
Radiated (Below 1GHz)	10CH01-CB	Gray Lee	22~23 / 52~53	Jan. 16, 2024
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)	3.7 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.1 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.1 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	3.1 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.1 dB	Confidence levels of 95%
Bandwidth Measurement	2.2%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode
QPSK5_5MHz_Nss1_2TX
5928MHz
6175MHz
6422MHz
6528MHz
6700MHz
6872MHz
QPSK40_40MHz_Nss1_2TX
5945MHz
6175MHz
6405MHz
6545MHz
6700MHz
6855MHz Straddle 6.525-6.875GHz

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 + PoE

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Equivalent Isotopically Radiated Power (E.I.R.P.) Maximum E.I.R.P. at any elevation angle above 30 degrees Peak Power Spectral Density (E.I.R.P.)
Test Condition	Conducted measurement at transmit chains

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

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

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

Power	Brand Name	Model Name
PoE	Cambium Networks	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

2.5 Support Equipment

For AC Conduction and Radiated (below 1GHz):

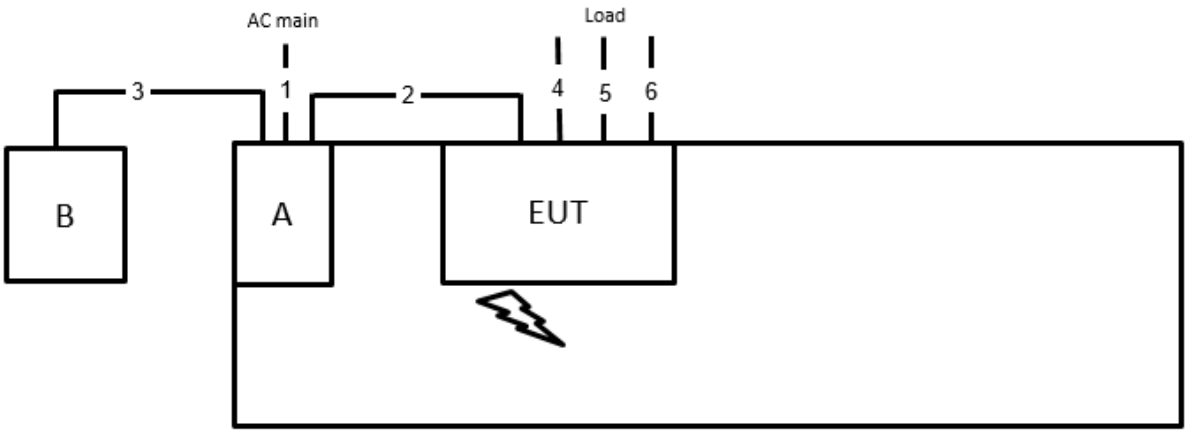
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PoE	Cambium Networks	NET-P60-56IN	N/A
B	LAN NB	DELL	E6430	N/A

For RF Conducted and Radiated (above 1GHz):

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

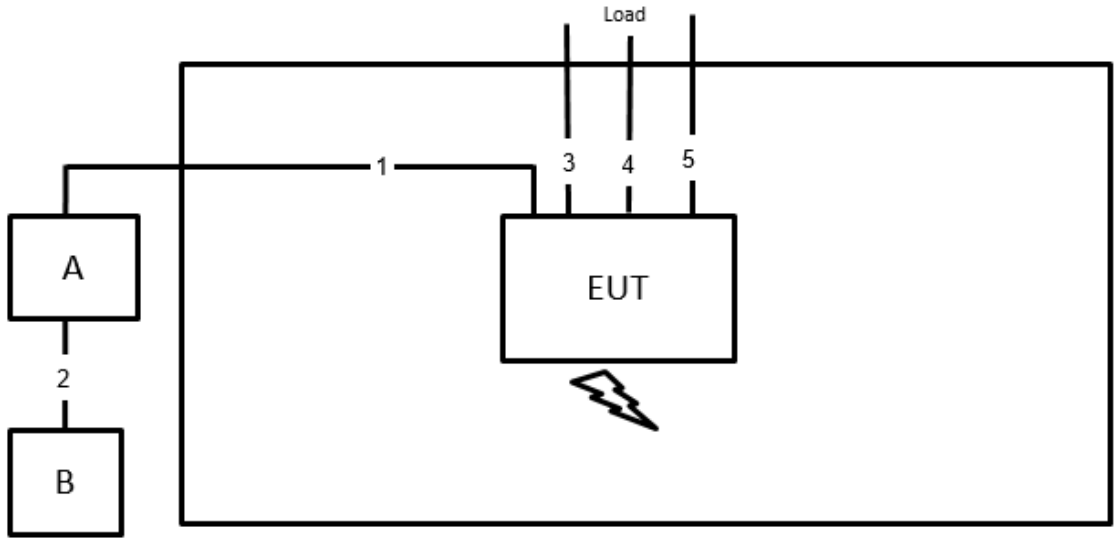
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



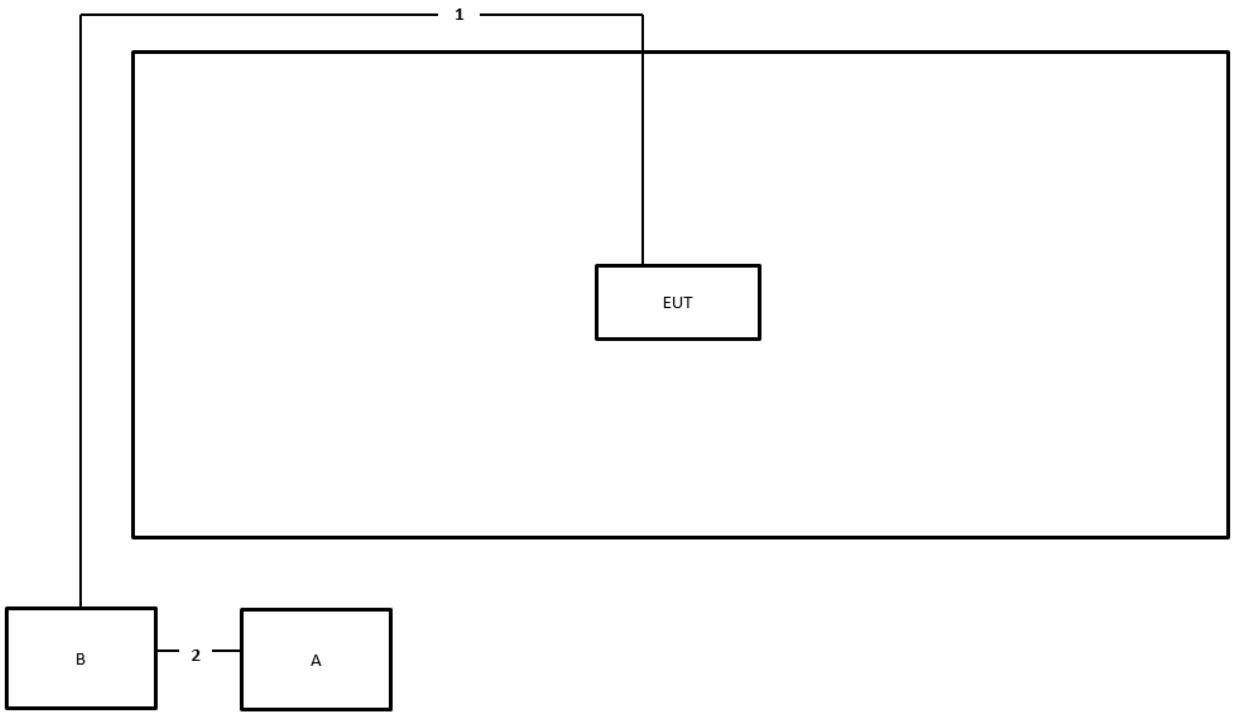
Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	10m
4	Fiber cable	No	1.5m
5	RJ-45 cable	No	1.5m
6	Ground cable	No	1.5m

Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	RJ-45 cable	No	1.5m
3	Fiber cable	No	1m
4	RJ-45 cable	No	1.5m
5	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

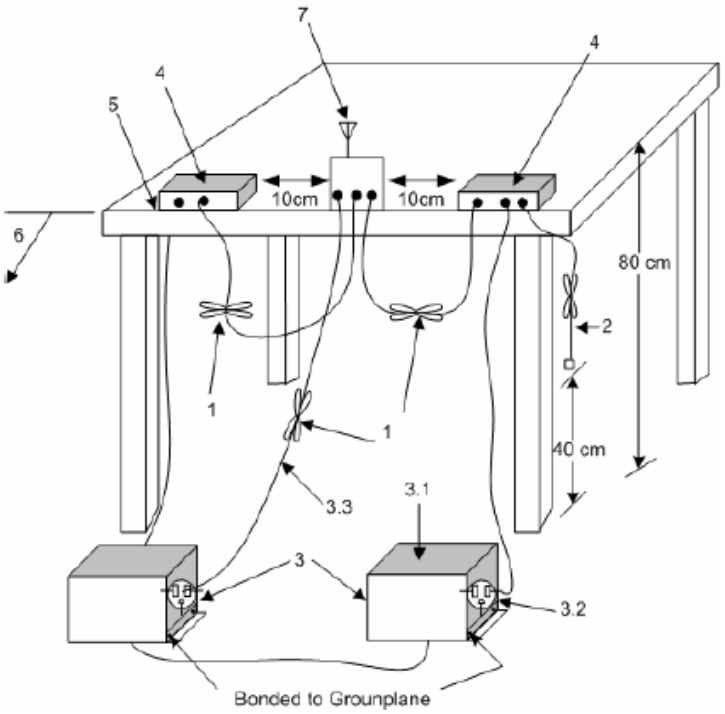
Refer a test equipment and calibration data table in this test report.

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

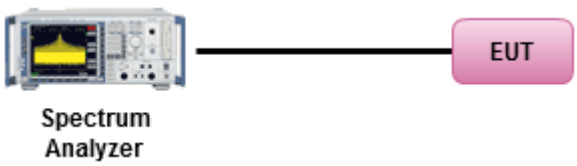
Refer a test equipment and calibration data table in this test report.

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
	☐ Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging). Spectrum analyzer setting: RBW/VBW : 1/3MHz ; Detector : RMS ; Trace mode : Average ; Sweep Count 100.
	☐ Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
	☒ Refer as FCC KDB 789033 D02, clause E Method PM-G (using an RF average power meter).
☒ For conducted measurement.	
	▪ If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$
☐ For radiated measurement.	
	▪ Refer as FCC KDB 789033 D02 clause II A.1.F ”Antenna-port Conducted versus Radiated Testing”
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
	▪ Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.3.4 Test Setup

Conducted Measurement (Power Meter)


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

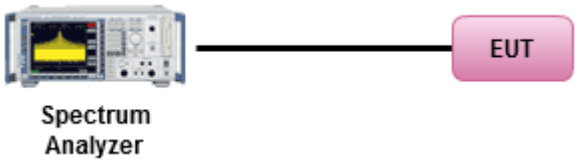
Refer a test equipment and calibration data table in this test report.

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.

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

3.4.4 Test Setup

Conducted Measurement


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

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

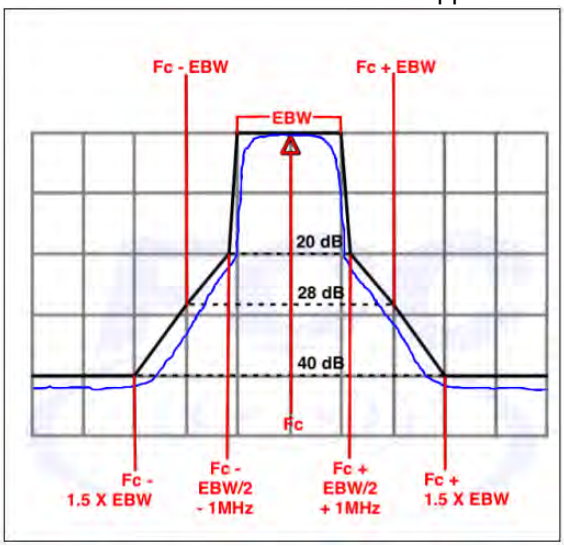
Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	**Field Strength (uV/m)**	**Field Strength (dBuV/m)**	**Measure Distance (m)**
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216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

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

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

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

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

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

3.5.2 Measuring Instruments

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

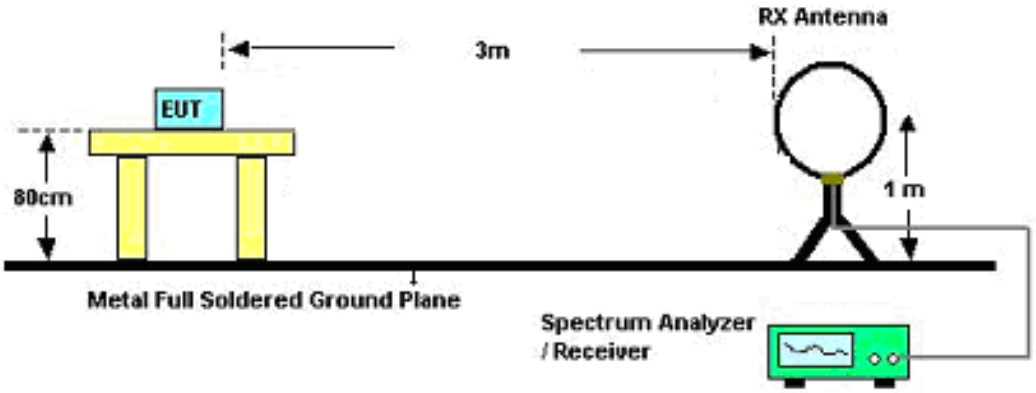
3.5.3 Test Procedures

Test Method
▪ According to FCC KDB 987594 D02 II.G. the unwanted emission measurement procedure shall refer to KDB 789300(except emission MASK). Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].
▪ For the transmitter unwanted emissions shall be measured using following options below:
▪ Refer as FCC KDB 789033 D02, clause G)2) for unwanted emissions into non-restricted bands.
▪ Refer as FCC KDB 789033 D02, clause G)1) for unwanted emissions into restricted bands.
☒ Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging). (For unrestricted band measurement)
☐ Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).
☒ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.(For restricted band average measurement)
☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
☒ Refer as FCC KDB 789033 D02, clause G)5) measurement procedure peak limit.
☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.
▪ Refer as FCC KDB 789033 D02, clause G)3)d)ii) for Band edge Integration measurements.
▪ For emission MASK shall be measured using following options below:
☒ Refer as FCC KDB 987594 D02, J) In-Band Emissions
▪ For radiated measurement.
▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
▪ The any unwanted emissions level shall not exceed the fundamental emission level.
▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.

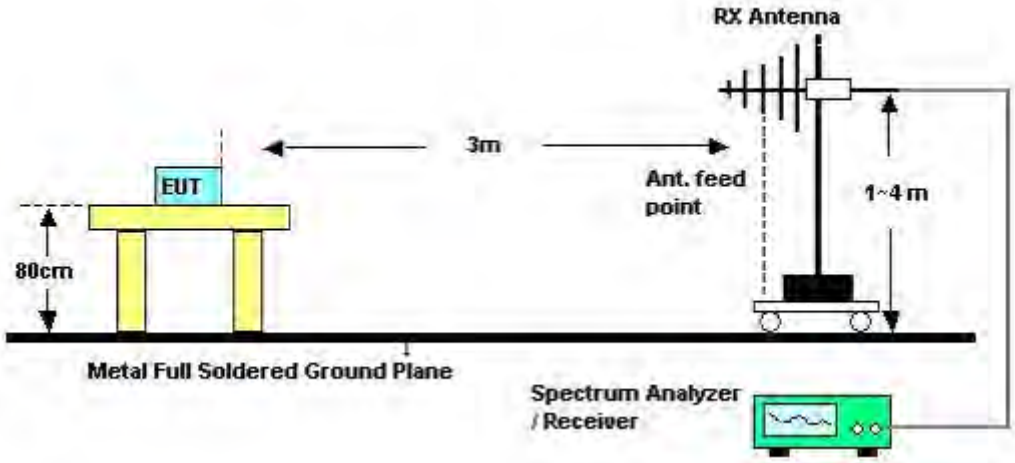
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

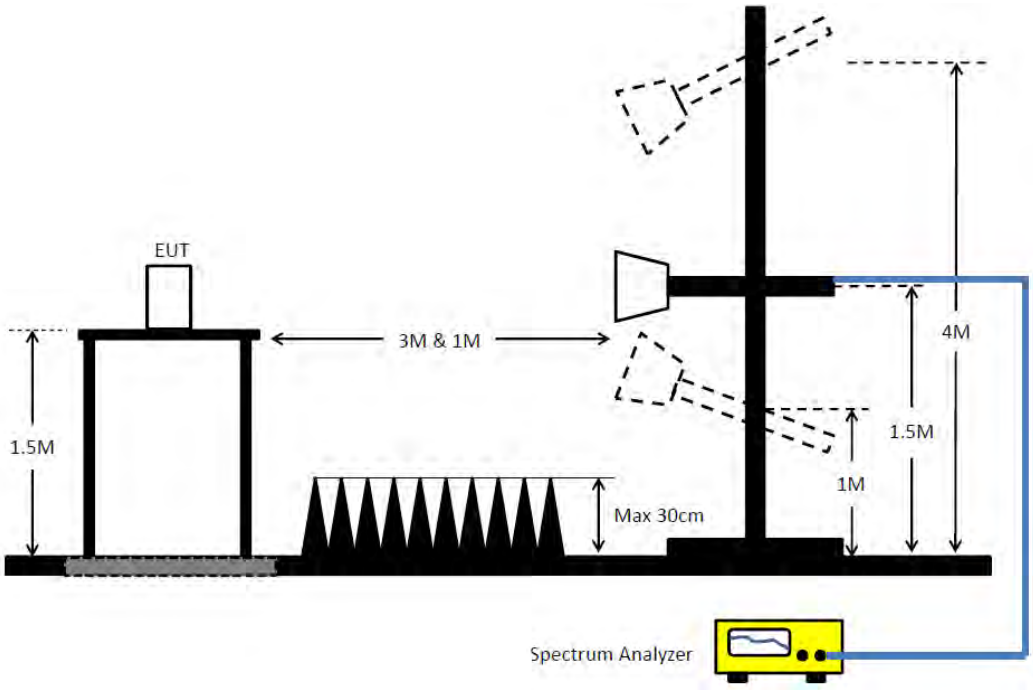
9kHz ~30MHz



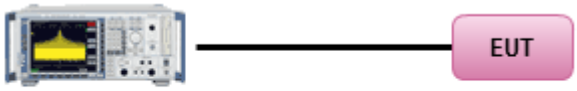
30MHz~1GHz



Above 1GHz



Emission MASK



Spectrum Analyzer

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)
Biconical Antenna	Schwarzbeck	VHBB 9124	324	30MHz ~ 200MHz	May 02, 2023	May 01, 2024	Radiation (10CH01-CB)
Log Antenna	Schwarzbeck	VUSLP 9111	247	200MHz ~ 1GHz	May 02, 2023	May 01, 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)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (10CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 04, 2023	May 03, 2024	Radiation (03CH03-CB)
Horn Antenna	ETS·Lindgren	3115	6821	750MHz~ 18GHz	Feb. 03, 2023	Feb. 02, 2024	Radiation (03CH03-CB)

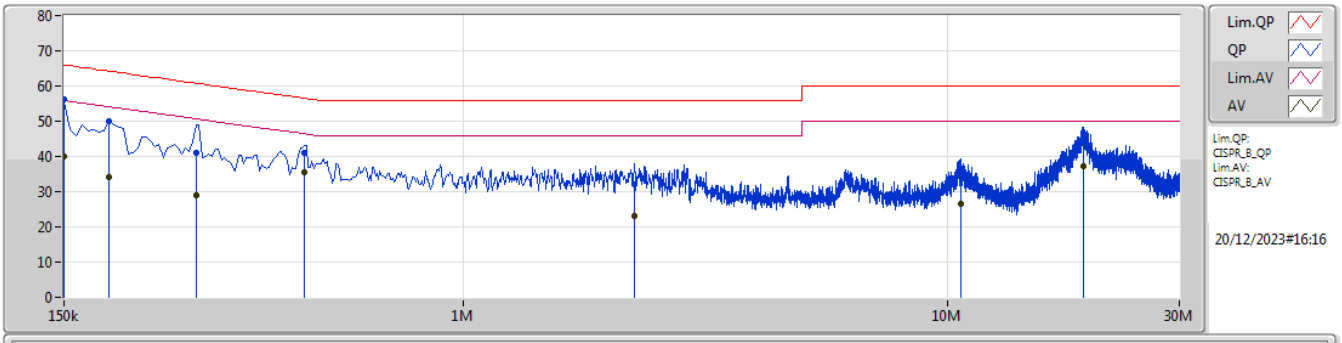
Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jun. 30, 2023	Jun. 29, 2024	Radiation (03CH03-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 16, 2022	Nov. 15, 2023	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 12, 2023	Jun. 11, 2024	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40 GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH03-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Dec. 30, 2022	Dec. 29, 2023	Conducted (TH03-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Dec. 22, 2023	Dec. 21, 2024	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-11	30MHz –18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-12	30MHz –18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-13	30MHz –18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz –18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz –18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1 ~26.5 GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH03-CB)

Note: Calibration Interval of instruments listed above is one year.
NCR means Non-Calibration required.

Summary

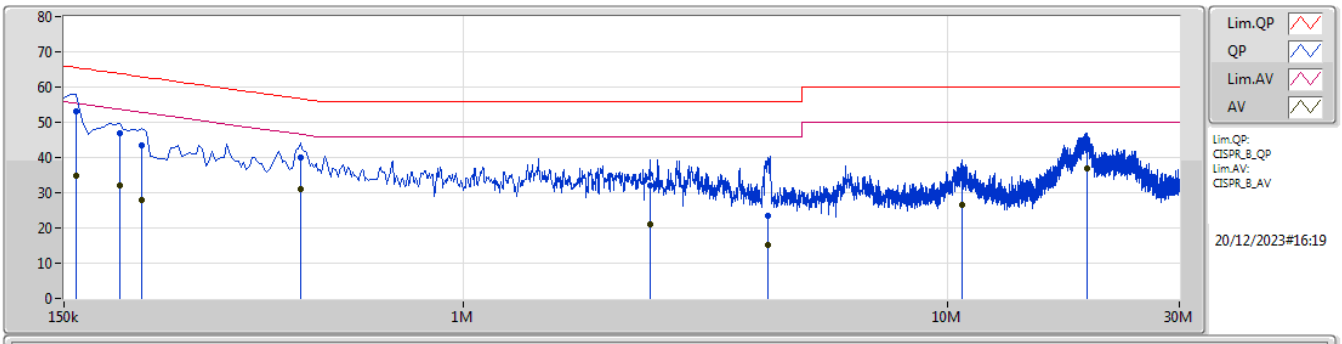
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150k	56.15	66.00	-9.85	Line

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	56.15	66.00	-9.85	10.08	Line	"Worst"	46.07	0.04	0.03	10.01
AV	150k	40.05	56.00	-15.95	10.08	Line	-	29.97	0.04	0.03	10.01
QP	186k	50.12	64.20	-14.08	10.07	Line	-	40.05	0.04	0.03	10.00
AV	186k	34.04	54.20	-20.16	10.07	Line	-	23.97	0.04	0.03	10.00
QP	280.5k	41.05	60.80	-19.75	10.06	Line	-	30.99	0.04	0.03	9.99
AV	280.5k	28.84	50.80	-21.96	10.06	Line	-	18.78	0.04	0.03	9.99
QP	469.5k	40.97	56.52	-15.55	10.07	Line	-	30.90	0.04	0.03	10.00
AV	469.5k	35.57	46.52	-10.95	10.07	Line	-	25.50	0.04	0.03	10.00
QP	2.252M	32.12	56.00	-23.88	10.09	Line	-	22.03	0.08	0.08	9.93
AV	2.252M	23.03	46.00	-22.97	10.09	Line	-	12.94	0.08	0.08	9.93
QP	10.599M	34.35	60.00	-25.65	10.34	Line	-	24.01	0.21	0.13	10.00
AV	10.599M	26.39	50.00	-23.61	10.34	Line	-	16.05	0.21	0.13	10.00
QP	18.983M	44.13	60.00	-15.87	10.40	Line	-	33.73	0.32	0.18	9.90
AV	18.983M	37.32	50.00	-12.68	10.40	Line	-	26.92	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	159k	53.19	65.52	-12.33	10.09	Neutral	"Worst"	43.10	0.05	0.03	10.01
AV	159k	34.70	55.52	-20.82	10.09	Neutral	-	24.61	0.05	0.03	10.01
QP	195k	47.06	63.82	-16.76	10.07	Neutral	-	36.99	0.05	0.03	9.99
AV	195k	32.15	53.82	-21.67	10.07	Neutral	-	22.08	0.05	0.03	9.99
QP	217.5k	43.40	62.92	-19.52	10.07	Neutral	-	33.33	0.05	0.03	9.99
AV	217.5k	27.94	52.92	-24.98	10.07	Neutral	-	17.87	0.05	0.03	9.99
QP	460.5k	40.13	56.69	-16.56	10.08	Neutral	-	30.05	0.05	0.03	10.00
AV	460.5k	31.08	46.69	-15.61	10.08	Neutral	-	21.00	0.05	0.03	10.00
QP	2.432M	32.22	56.00	-23.78	10.10	Neutral	-	22.12	0.09	0.08	9.93
AV	2.432M	21.12	46.00	-24.88	10.10	Neutral	-	11.02	0.09	0.08	9.93
QP	4.259M	23.47	56.00	-32.53	10.13	Neutral	-	13.34	0.11	0.12	9.90
AV	4.259M	15.03	46.00	-30.97	10.13	Neutral	-	4.90	0.11	0.12	9.90
QP	10.671M	34.30	60.00	-25.70	10.31	Neutral	-	23.99	0.18	0.13	10.00
AV	10.671M	26.53	50.00	-23.47	10.31	Neutral	-	16.22	0.18	0.13	10.00
QP	19.32M	43.89	60.00	-16.11	10.30	Neutral	-	33.59	0.23	0.18	9.89
AV	19.32M	36.98	50.00	-13.02	10.30	Neutral	-	26.68	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	4.936M	4.604M	4M60G7D	4.813M	4.591M
QPSK40_40MHz_Nss1_2TX	52.69M	36.382M	36M4G7D	37.73M	35.732M
6.525-6.875GHz	-	-	-	-	-
QPSK5_5MHz_Nss1_2TX	5.005M	4.604M	4M60G7D	4.813M	4.585M
QPSK40_40MHz_Nss1_2TX	39.82M	36.032M	36M0G7D	37.73M	35.932M

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

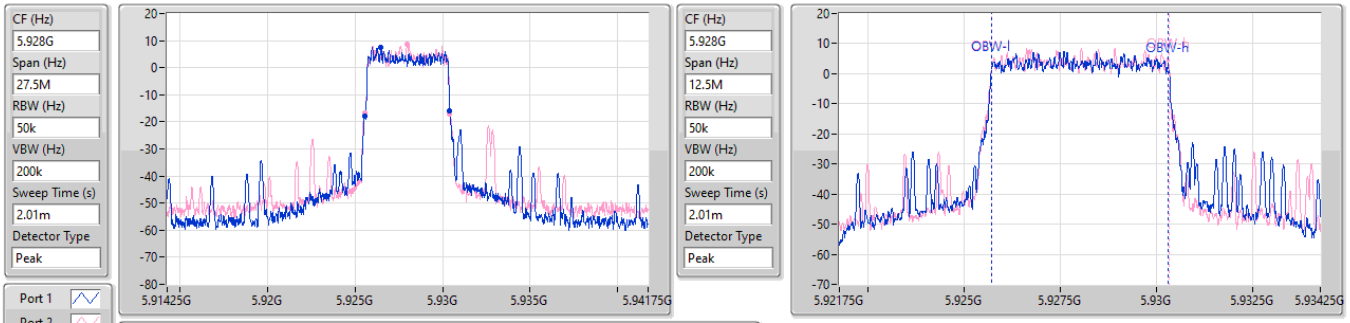
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
QPSK5_5MHz_Nss1_2TX	-	-	-	-	-	-
5928MHz	Pass	Inf	4.868M	4.591M	4.881M	4.604M
6175MHz	Pass	Inf	4.813M	4.591M	4.813M	4.591M
6422MHz	Pass	Inf	4.936M	4.598M	4.923M	4.598M
6528MHz	Pass	Inf	4.936M	4.604M	4.936M	4.598M
6700MHz	Pass	Inf	5.005M	4.585M	4.936M	4.604M
6872MHz	Pass	Inf	4.813M	4.598M	4.826M	4.598M
QPSK40_40MHz_Nss1_2TX	-	-	-	-	-	-
5945MHz	Pass	Inf	37.95M	35.832M	37.95M	35.732M
6175MHz	Pass	Inf	37.73M	36.032M	39.38M	36.082M
6405MHz	Pass	Inf	42.9M	36.082M	52.69M	36.382M
6545MHz	Pass	Inf	37.73M	35.982M	37.84M	36.032M
6700MHz	Pass	Inf	37.84M	35.982M	37.84M	35.932M
6855MHz Straddle 6.525-6.875GHz	Pass	Inf	39.82M	35.952M	38.06M	35.952M

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

16/11/2023

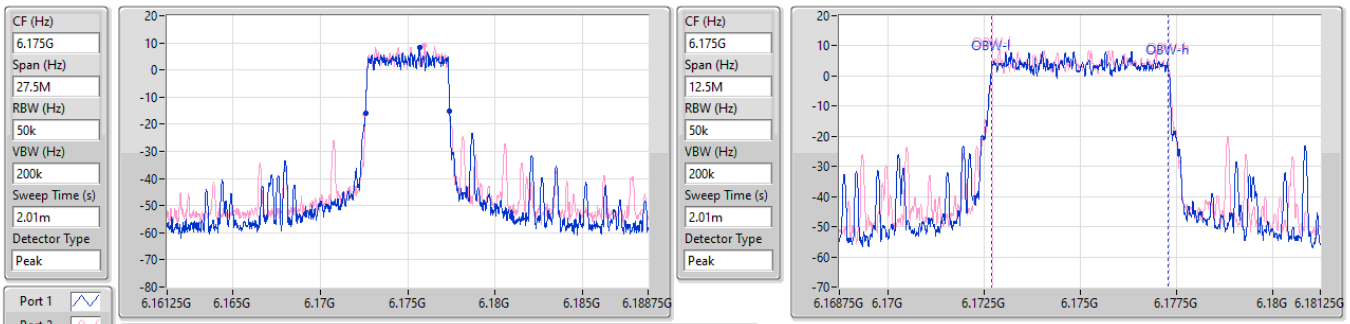


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.868M	5.925539G	5.930406G	4.591M	5.925714G	5.930305G	Inf	1
4.881M	5.925525G	5.930406G	4.604M	5.925707G	5.930311G	Inf	2

5.925-6.425GHz_QPSK5_5MHz_Nss1_2TX **EBW**

6175MHz

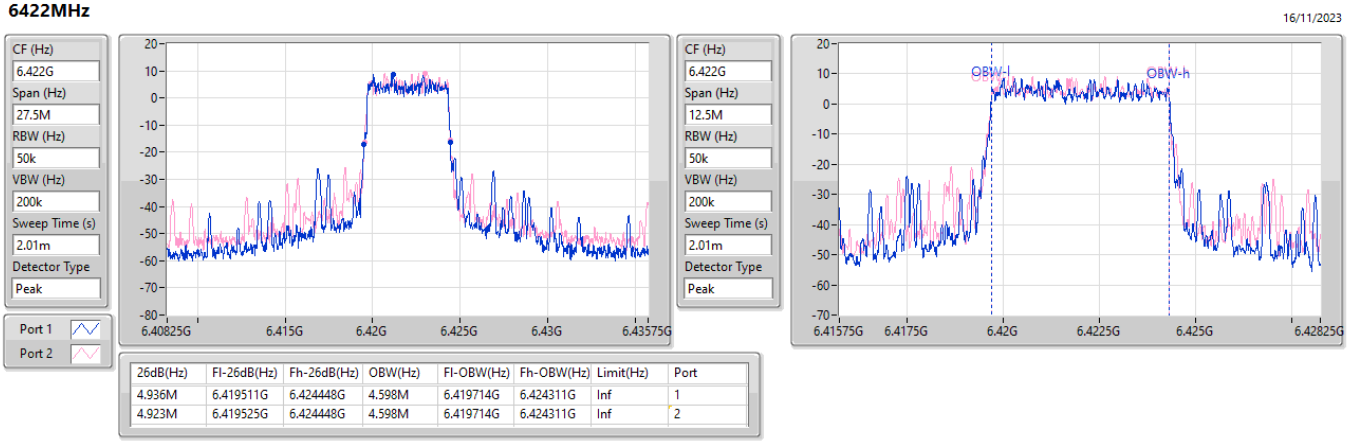
16/11/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.813M	6.172594G	6.177406G	4.591M	6.172707G	6.177299G	Inf	1
4.813M	6.17258G	6.177393G	4.591M	6.17272G	6.177311G	Inf	2

5.925-6.425GHz_QPSK5_5MHz_Nss1_2TX **EBW**

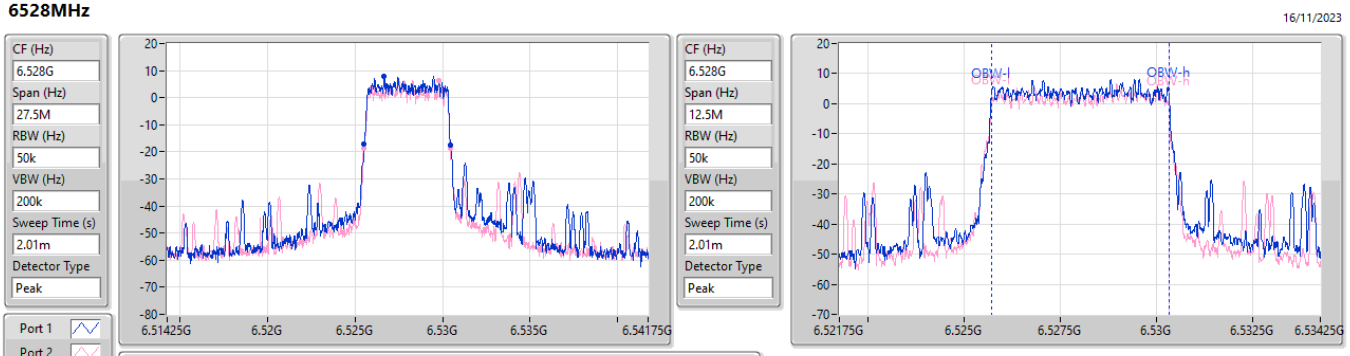
6422MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.936M	6.419511G	6.424448G	4.598M	6.419714G	6.424311G	Inf	1
4.923M	6.419525G	6.424448G	4.598M	6.419714G	6.424311G	Inf	2

6.525-6.875GHz_QPSK5_5MHz_Nss1_2TX **EBW**

6528MHz

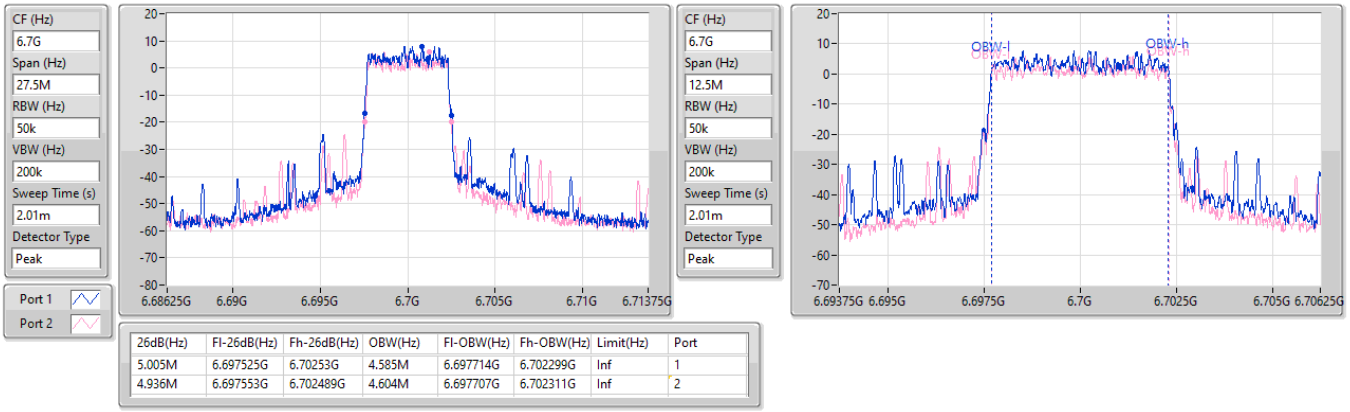


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.936M	6.525511G	6.530448G	4.604M	6.525707G	6.530311G	Inf	1
4.936M	6.525484G	6.53042G	4.598M	6.525714G	6.530311G	Inf	2

6.525-6.875GHz_QPSK5_5MHz_Nss1_2TX **EBW**

6700MHz

16/11/2023

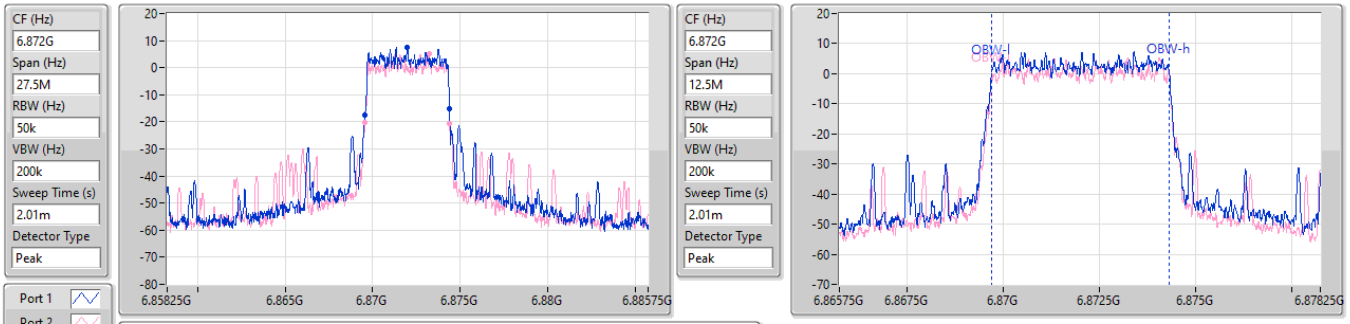


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
5.005M	6.697525G	6.70253G	4.585M	6.697714G	6.702299G	Inf	1
4.936M	6.697553G	6.702489G	4.604M	6.697707G	6.702311G	Inf	2

6.525-6.875GHz_QPSK5_5MHz_Nss1_2TX **EBW**

6872MHz

16/11/2023

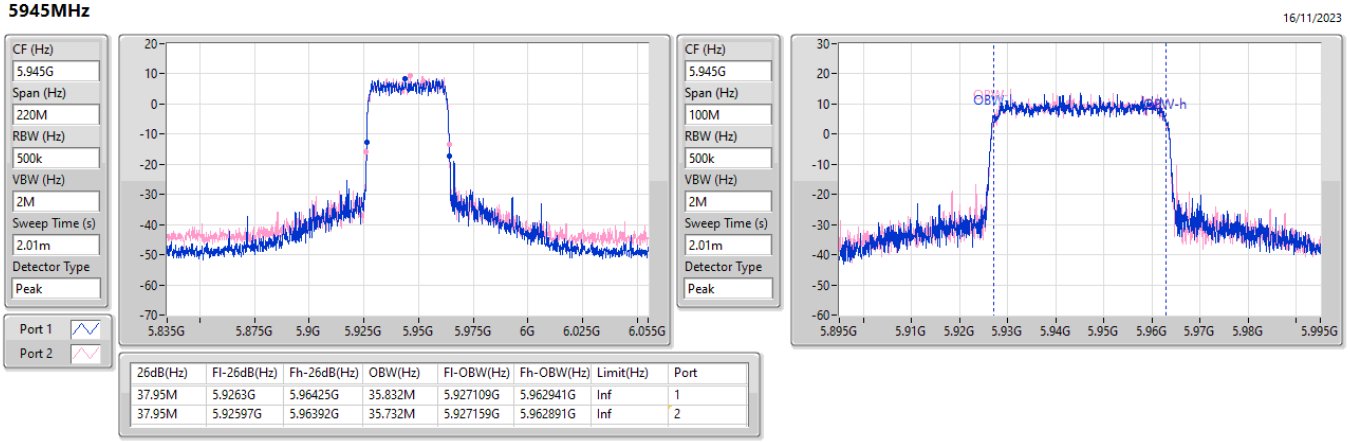


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.813M	6.869566G	6.874379G	4.598M	6.869714G	6.874311G	Inf	1
4.826M	6.869566G	6.874393G	4.598M	6.869714G	6.874311G	Inf	2

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX **EBW**

5945MHz

16/11/2023

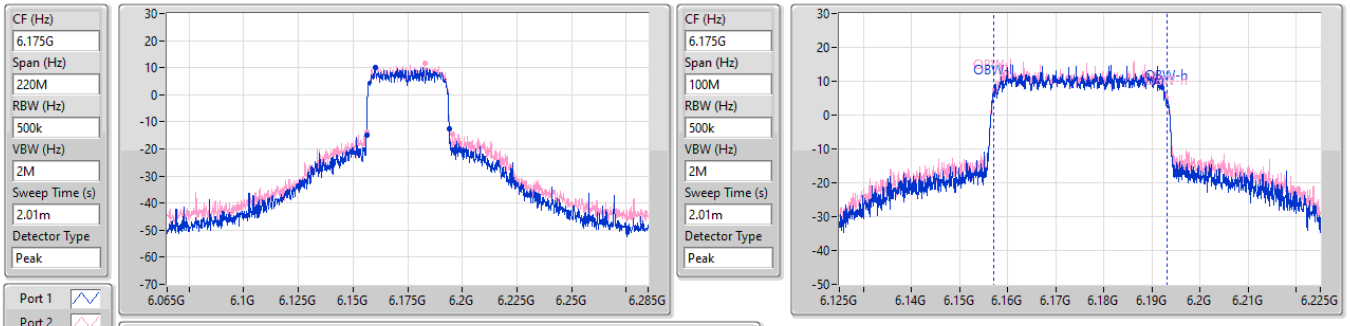


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.95M	5.9263G	5.96425G	35.832M	5.927109G	5.962941G	Inf	1
37.95M	5.92597G	5.96392G	35.732M	5.927159G	5.962891G	Inf	2

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX **EBW**

6175MHz

16/11/2023

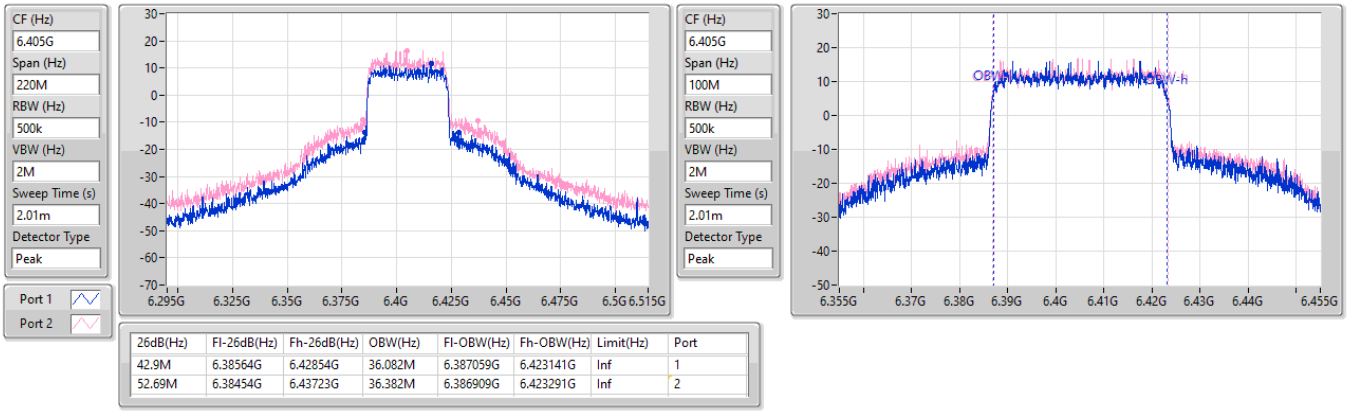


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.73M	6.15619G	6.19392G	36.032M	6.157009G	6.193041G	Inf	1
39.38M	6.15619G	6.19557G	36.082M	6.157009G	6.193091G	Inf	2

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX **EBW**

6405MHz

16/11/2023

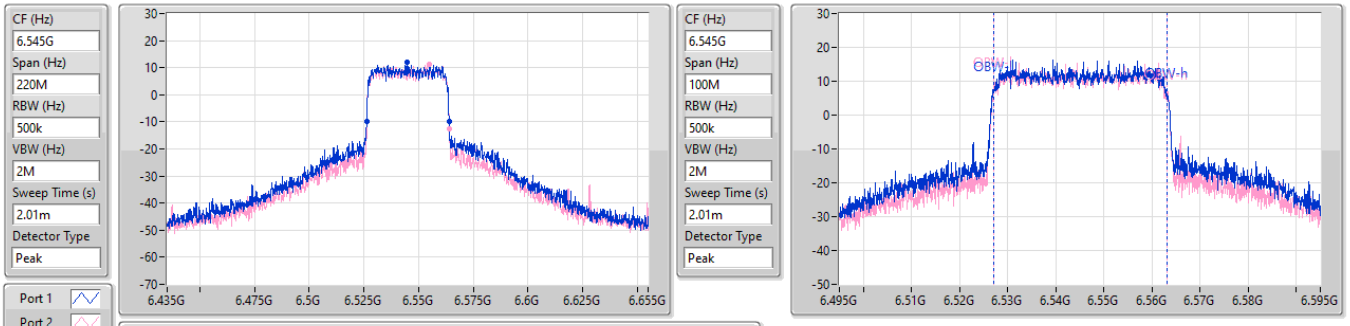


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.9M	6.38564G	6.42854G	36.082M	6.387059G	6.423141G	Inf	1
52.69M	6.38454G	6.43723G	36.382M	6.386909G	6.423291G	Inf	2

6.525-6.875GHz_QPSK40_40MHz_Nss1_2TX **EBW**

6545MHz

16/11/2023

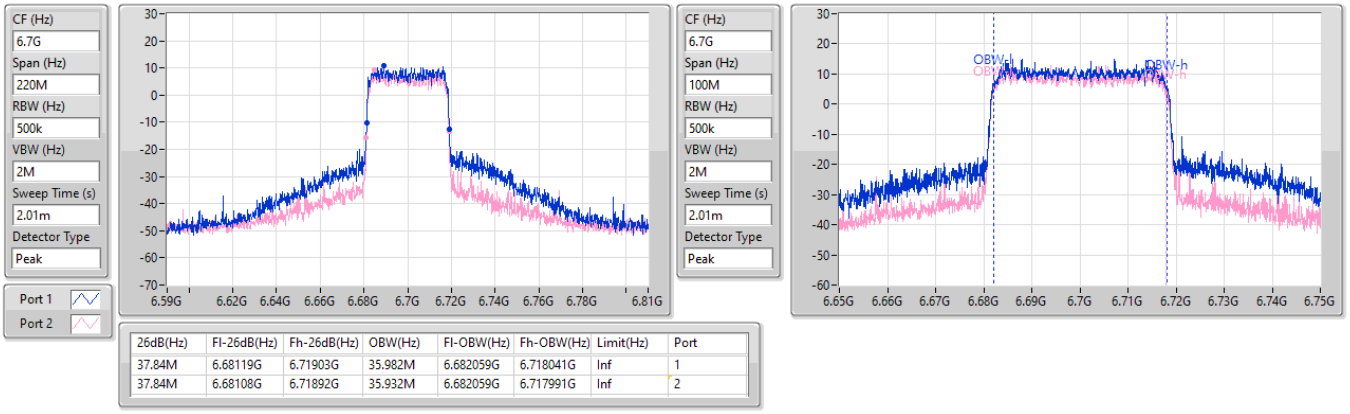


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.73M	6.52619G	6.56392G	35.982M	6.527059G	6.563041G	Inf	1
37.84M	6.5263G	6.56414G	36.032M	6.527059G	6.563091G	Inf	2

6.525-6.875GHz_QPSK40_40MHz_Nss1_2TX **EBW**

6700MHz

16/11/2023

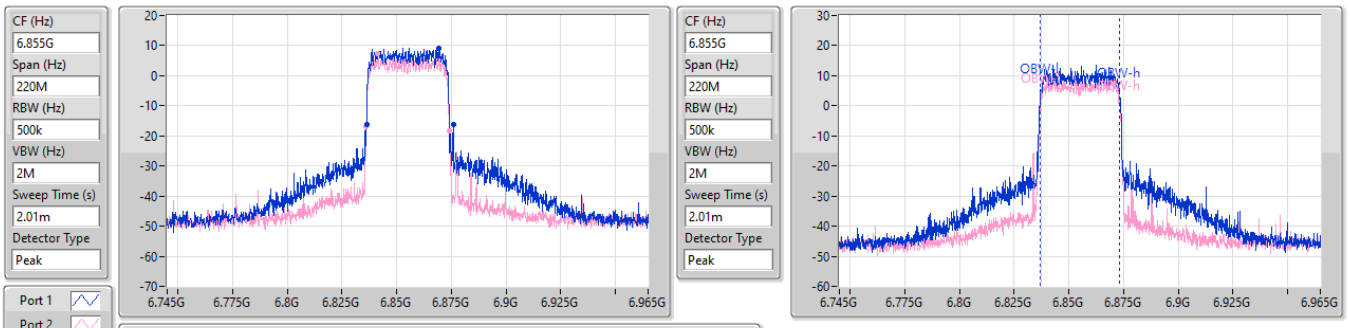


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.84M	6.68119G	6.71903G	35.982M	6.682059G	6.718041G	Inf	1
37.84M	6.68108G	6.71892G	35.932M	6.682059G	6.717991G	Inf	2

6.525-6.875GHz_QPSK40_40MHz_Nss1_2TX **EBW**

6855MHz

16/11/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.82M	6.83619G	6.87601G	35.952M	6.837079G	6.873031G	Inf	1
38.06M	6.83608G	6.87414G	35.952M	6.837189G	6.873141G	Inf	2

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP / EIRP [Phi 30°] (dBm)	EIRP / EIRP [Phi 30°] (W)
5.925-6.425GHz	-	-	-	-
QPSK5_5MHz_Nss1_2TX	14.52	0.02831	30.43/13.84	1.10408/0.024210
QPSK40_40MHz_Nss1_2TX	19.94	0.09863	35.85/19.26	3.84592/0.084333
6.525-6.875GHz	-	-	-	-
QPSK5_5MHz_Nss1_2TX	14.77	0.02999	30.73/14.54	1.18304/0.028445
QPSK40_40MHz_Nss1_2TX	19.94	0.09863	35.90/19.71	3.89045/0.093541

Result

Mode	Result	Directional Gain [Power] / Gain [Phi 30°] (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	EIRP / EIRP [Phi 30°] (dBm)	EIRP Limit / EIRP Limit [Phi 30°] (dBm)
QPSK5_5MHz_Nss1_2TX	-	-	-	-	-	-	-
5928MHz	Pass	15.906/-0.68	11.12	11.39	14.27	30.18/13.59	36.00/21.00
6175MHz	Pass	15.906/-0.68	11.43	11.58	14.52	30.43/13.84	36.00/21.00
6422MHz	Pass	15.906/-0.68	11.37	11.49	14.44	30.35/13.76	36.00/21.00
6528MHz	Pass	15.958/-0.23	11.72	11.74	14.74	30.70/14.51	36.00/21.00
6700MHz	Pass	15.958/-0.23	11.65	11.86	14.77	30.73/14.54	36.00/21.00
6872MHz	Pass	15.958/-0.23	11.49	11.50	14.51	30.47/14.28	36.00/21.00
QPSK40_40MHz_Nss1_2TX	-	-	-	-	-	-	-
5945MHz	Pass	15.906/-0.68	16.45	16.78	19.63	35.54/18.95	36.00/21.00
6175MHz	Pass	15.906/-0.68	16.72	17.13	19.94	35.85/19.26	36.00/21.00
6405MHz	Pass	15.906/-0.68	16.79	16.92	19.87	35.78/19.19	36.00/21.00
6545MHz	Pass	15.958/-0.23	17.20	16.43	19.84	35.80/19.61	36.00/21.00
6700MHz	Pass	15.958/-0.23	17.43	15.93	19.75	35.71/19.52	36.00/21.00
6855MHz Straddle 6.525-6.875GHz	Pass	15.958/-0.23	17.65	16.06	19.94	35.90/19.71	36.00/21.00

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

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.925-6.425GHz	-	-
QPSK5_5MHz_Nss1_2TX	6.65	22.56
QPSK5_5MHz_Nss1_2TX	6.84	22.75
QPSK5_5MHz_Nss1_2TX	6.77	22.68
QPSK40_40MHz_Nss1_2TX	4.23	20.14
QPSK40_40MHz_Nss1_2TX	4.66	20.57
QPSK40_40MHz_Nss1_2TX	4.58	20.49
6.525-6.875GHz	-	-
QPSK5_5MHz_Nss1_2TX	6.97	22.93
QPSK5_5MHz_Nss1_2TX	7.03	22.99
QPSK5_5MHz_Nss1_2TX	6.77	22.73
QPSK40_40MHz_Nss1_2TX	4.55	20.51
QPSK40_40MHz_Nss1_2TX	6.17	22.13
QPSK40_40MHz_Nss1_2TX	4.38	20.34

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

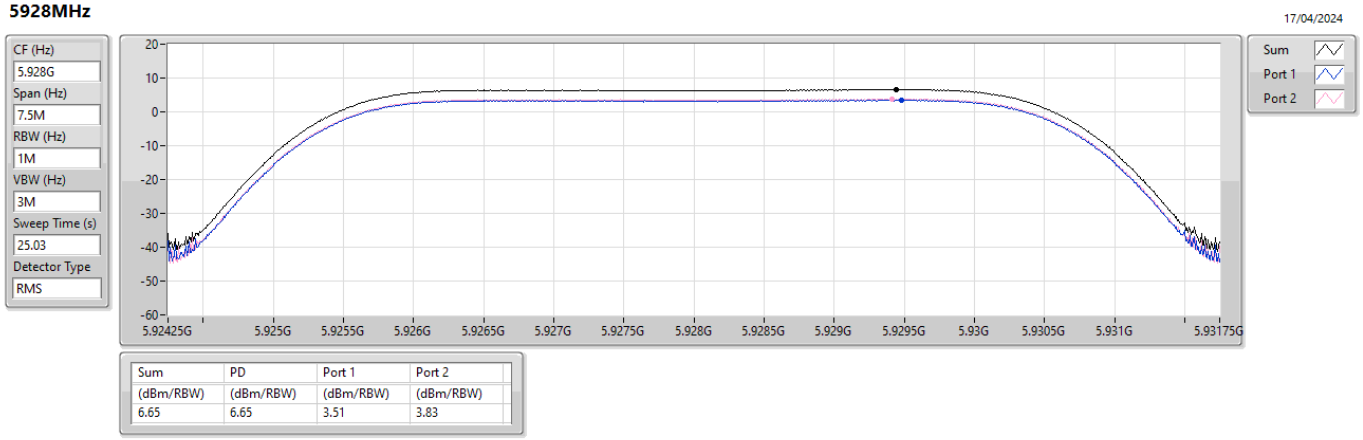
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
QPSK5_5MHz_Nss1_2TX	-	-	-	-	-	-	-
5928MHz	Pass	15.906	3.51	3.83	6.65	22.56	23.00
6175MHz	Pass	15.906	3.87	4.07	6.84	22.75	23.00
6422MHz	Pass	15.906	3.80	3.97	6.77	22.68	23.00
6528MHz	Pass	15.958	3.98	4.24	6.97	22.93	23.00
6700MHz	Pass	15.958	3.88	4.19	7.03	22.99	23.00
6872MHz	Pass	15.958	3.92	3.83	6.77	22.73	23.00
QPSK40_40MHz_Nss1_2TX	-	-	-	-	-	-	-
5945MHz	Pass	15.906	1.33	1.56	4.23	20.14	23.00
6175MHz	Pass	15.906	1.58	1.71	4.66	20.57	23.00
6405MHz	Pass	15.906	1.62	1.73	4.58	20.49	23.00
6545MHz	Pass	15.958	1.95	1.29	4.55	20.51	23.00
6700MHz	Pass	15.958	3.63	2.78	6.17	22.13	23.00
6855MHz Straddle 6.525-6.875GHz	Pass	15.958	2.07	0.76	4.38	20.34	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;

5.925-6.425GHz_QPSK5_5MHz_Nss1_2TX **PSD**

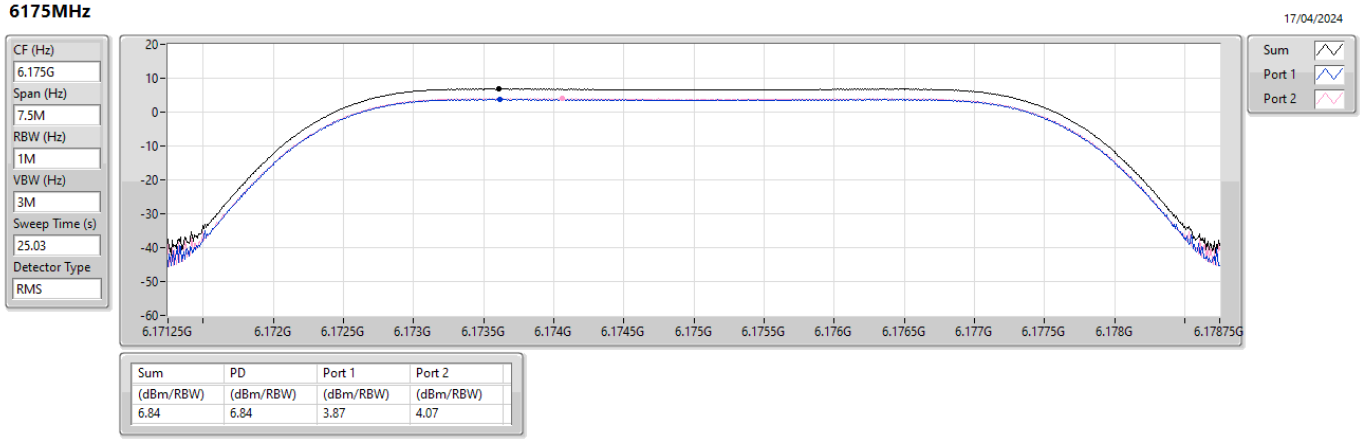
5928MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.65	6.65	3.51	3.83

5.925-6.425GHz_QPSK5_5MHz_Nss1_2TX **PSD**

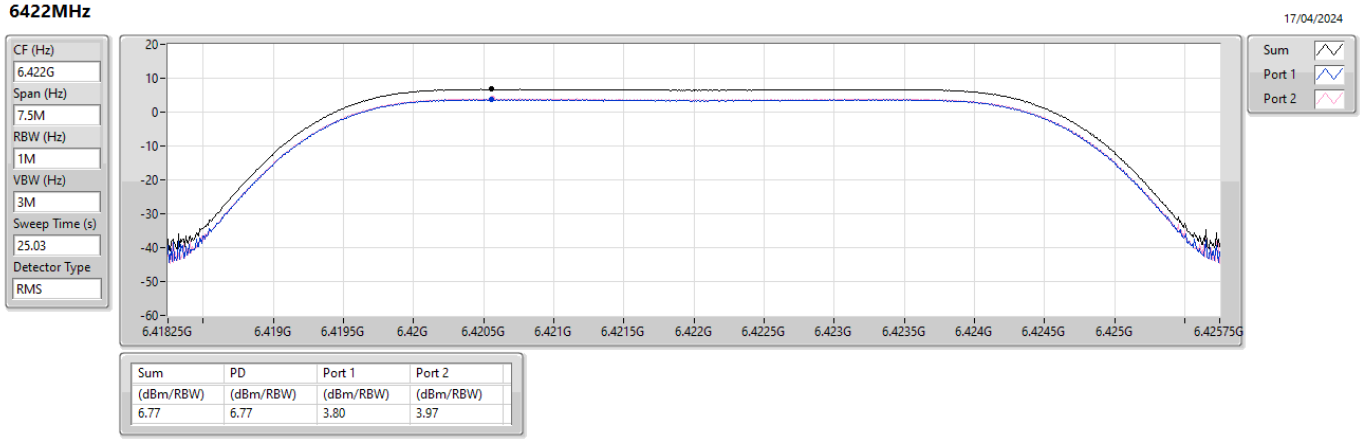
6175MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.84	6.84	3.87	4.07

5.925-6.425GHz_QPSK5_5MHz_Nss1_2TX **PSD**

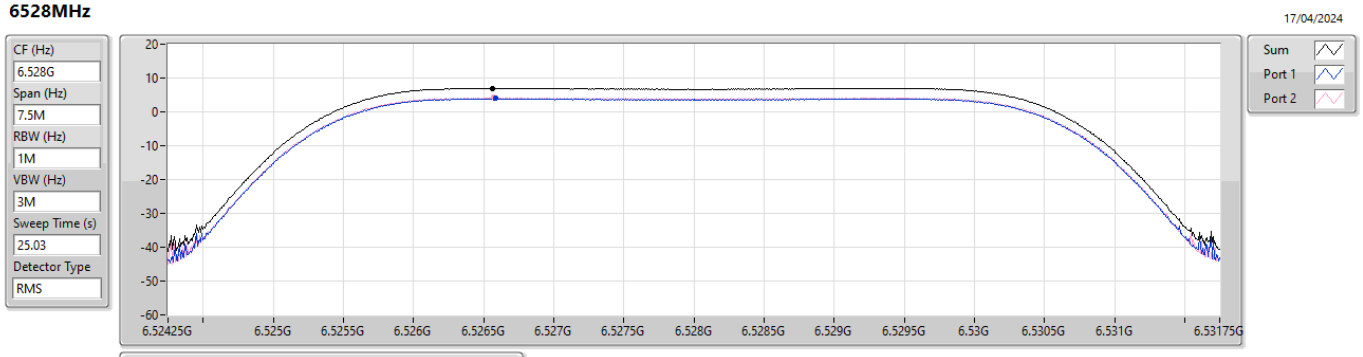
6422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.77	6.77	3.80	3.97

6.525-6.875GHz_QPSK5_5MHz_Nss1_2TX **PSD**

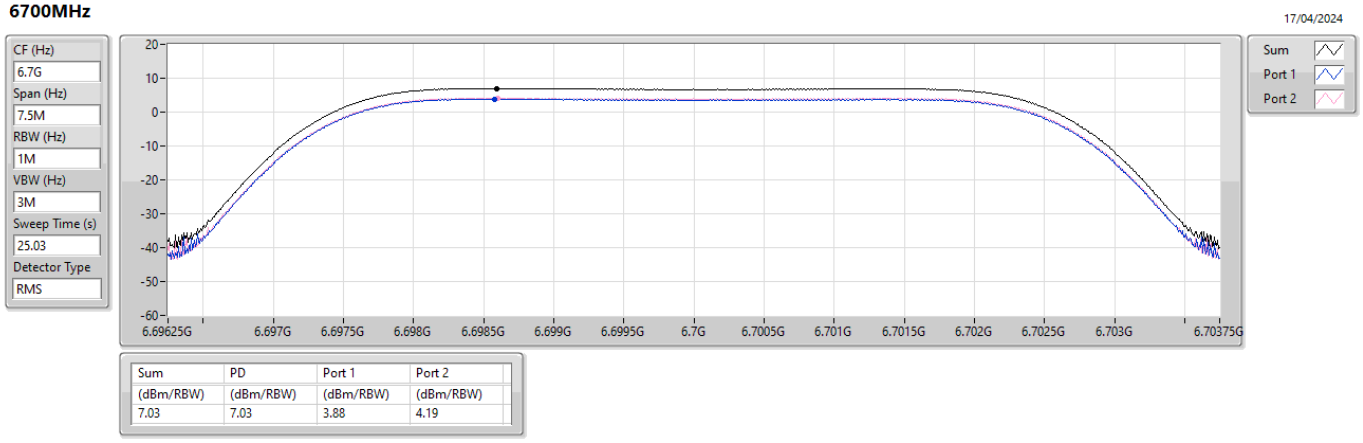
6528MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.97	6.97	3.98	4.24

6.525-6.875GHz_QPSK5_5MHz_Nss1_2TX **PSD**

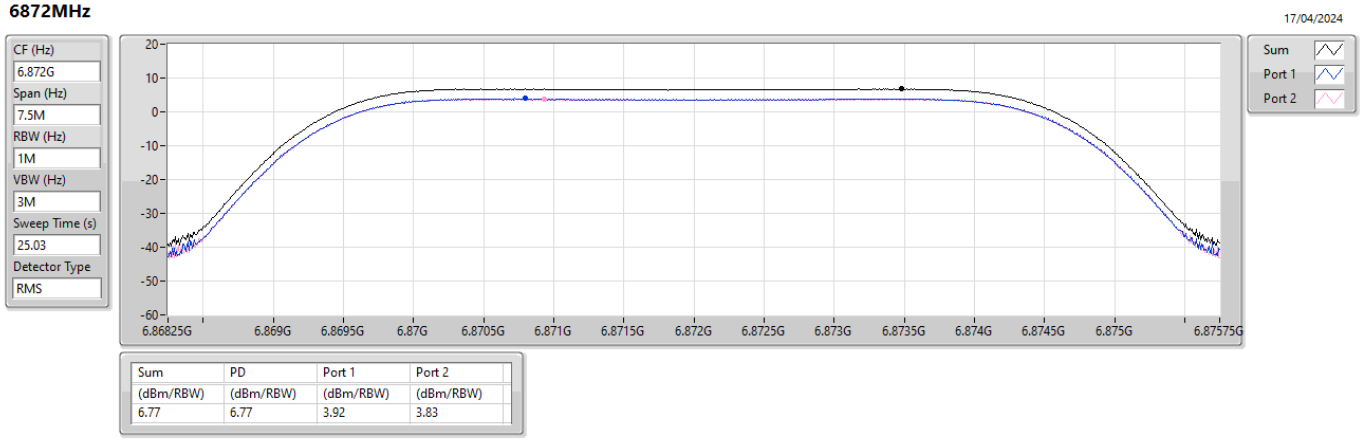
6700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.03	7.03	3.88	4.19

6.525-6.875GHz_QPSK5_5MHz_Nss1_2TX **PSD**

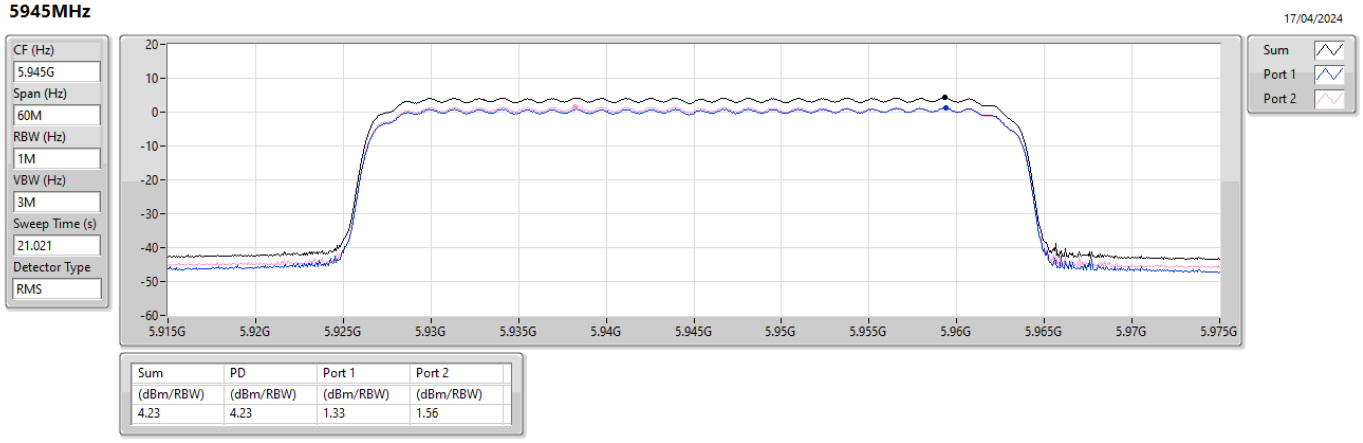
6872MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.77	6.77	3.92	3.83

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX **PSD**

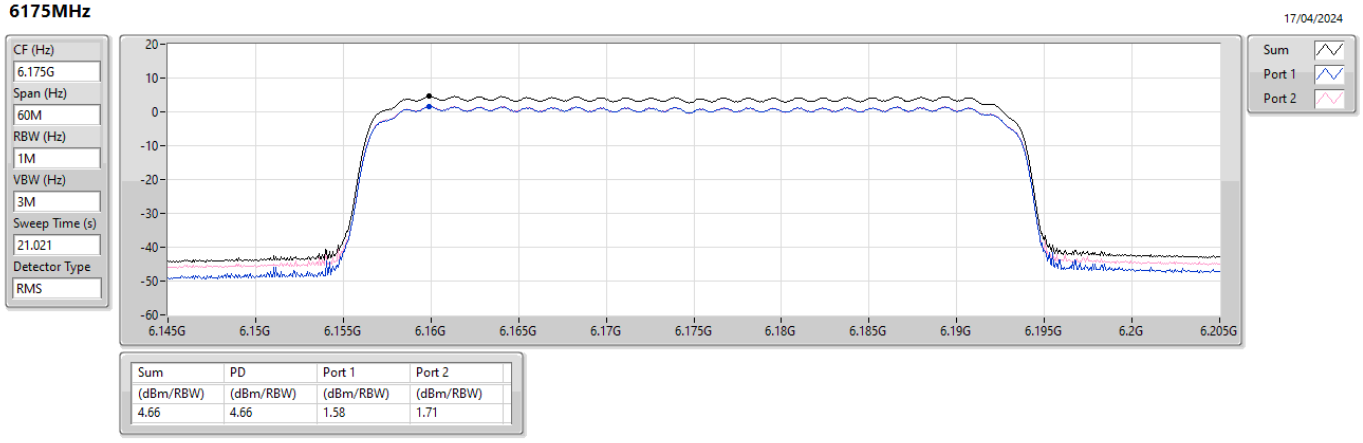
5945MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.23	4.23	1.33	1.56

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX **PSD**

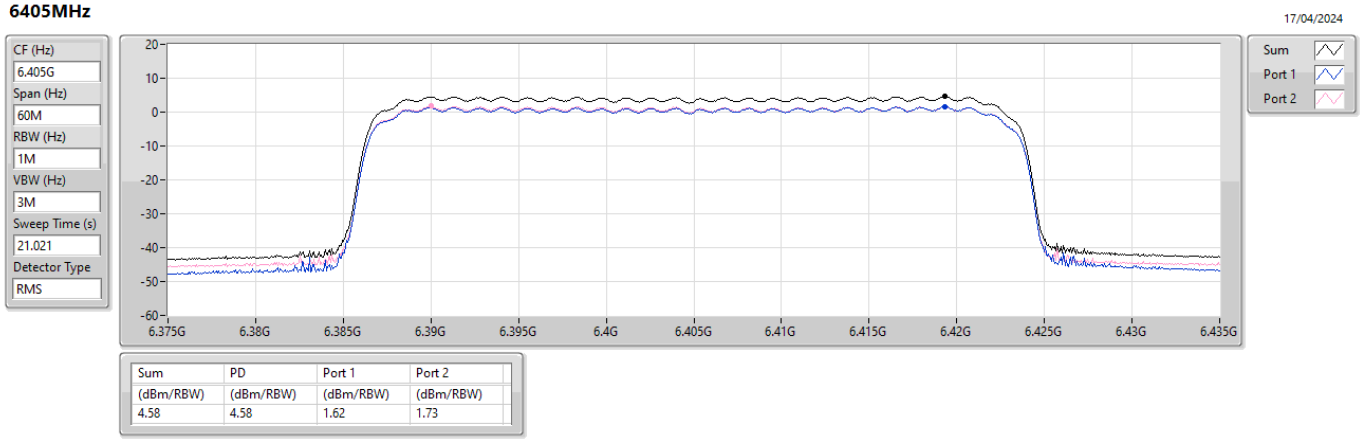
6175MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.66	4.66	1.58	1.71

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX **PSD**

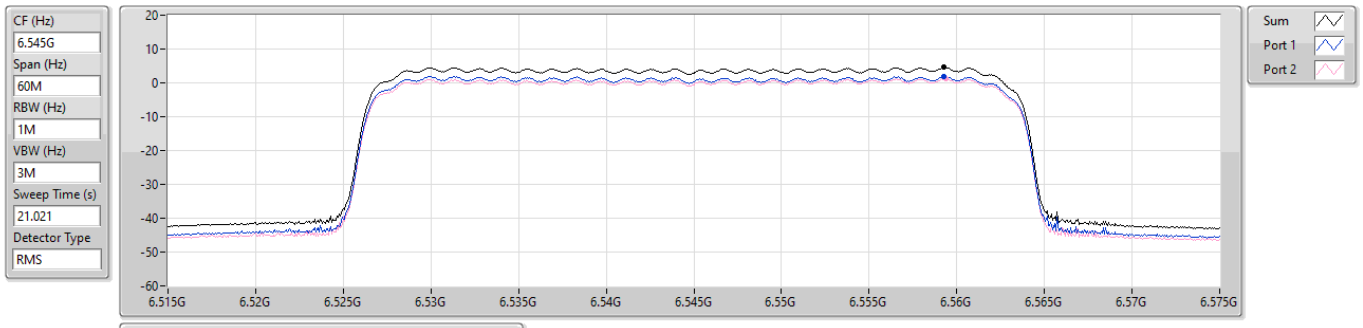
6405MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.58	4.58	1.62	1.73

6.525-6.875GHz_QPSK40_40MHz_Nss1_2TX **PSD**

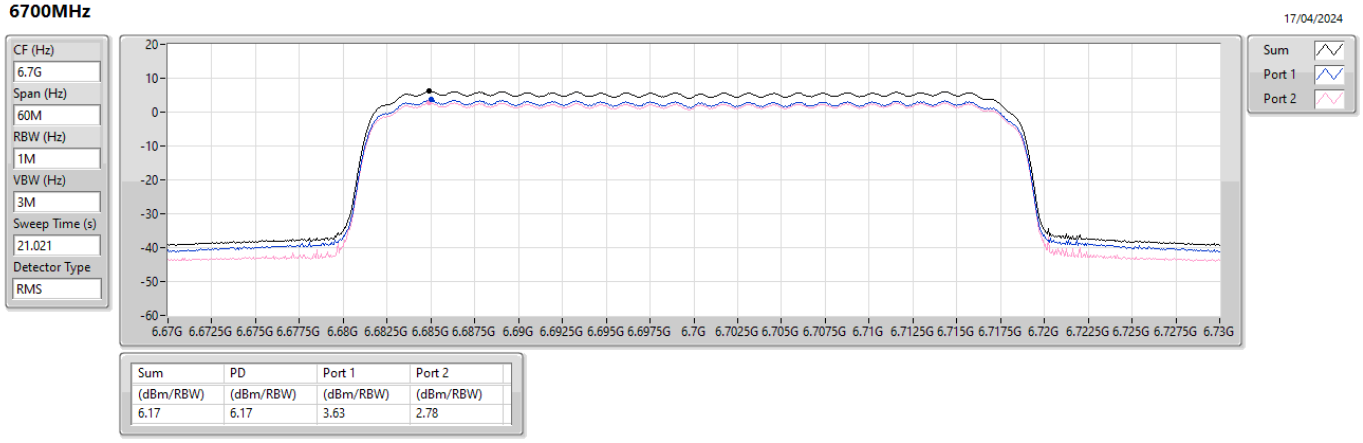
6545MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.55	4.55	1.95	1.29

6.525-6.875GHz_QPSK40_40MHz_Nss1_2TX **PSD**

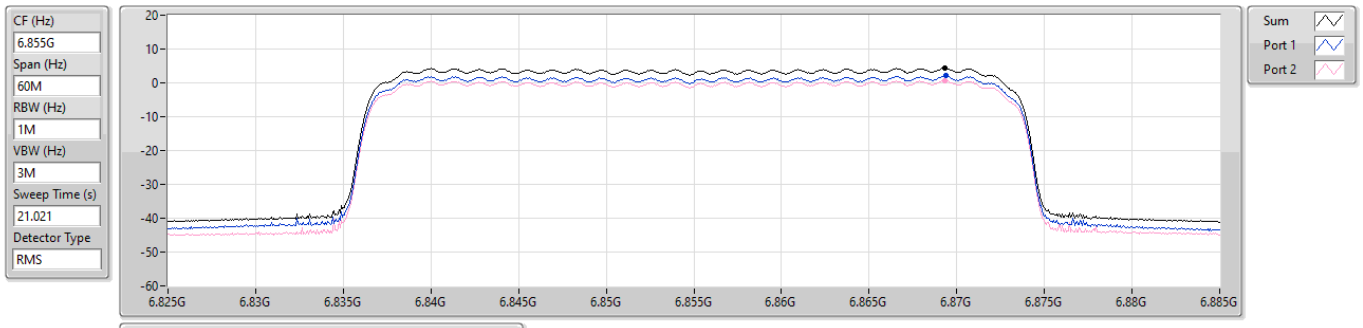
6700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.17	6.17	3.63	2.78

6.525-6.875GHz_QPSK40_40MHz_Nss1_2TX **PSD**

6855MHz Straddle 6.525-6.875GHz

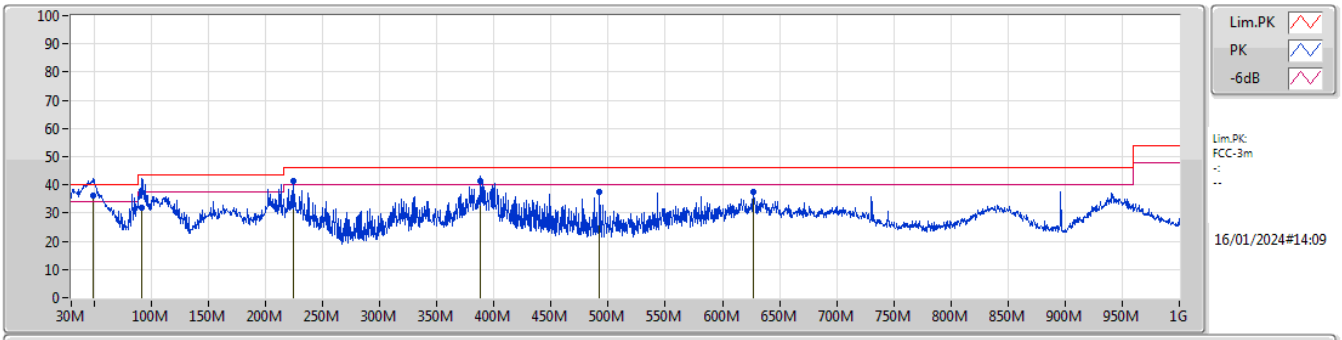


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.38	4.38	2.07	0.76

Summary

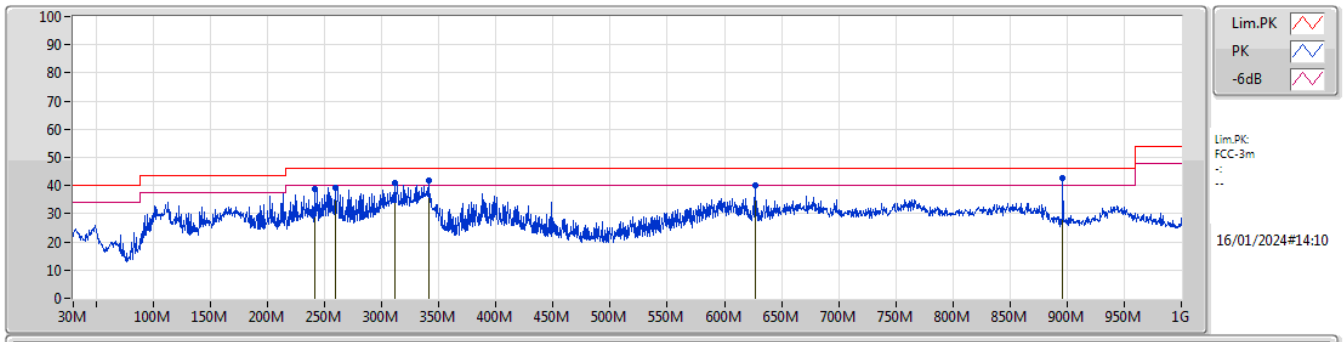
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	896.21M	42.50	46.00	-3.50	Horizontal

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)
QP	49.4M	36.10	40.00	-3.90	-37.00	3	Vertical	23	1.00	"Worst"	73.10	16.10	1.12	54.22
QP	91.11M	31.78	43.50	-11.72	-37.72	3	Vertical	155	1.00	-	69.50	15.13	1.35	54.20
PK	224M	41.32	46.00	-4.68	-36.22	3	Vertical	46	1.00	-	77.54	15.47	2.04	53.73
QP	388.42M	41.44	46.00	-4.56	-29.86	3	Vertical	231	2.00	-	71.30	21.56	2.55	53.97
PK	492.21M	37.58	46.00	-8.42	-27.05	3	Vertical	314	2.00	-	64.63	23.68	3.00	53.73
PK	627.52M	37.62	46.00	-8.38	-23.37	3	Vertical	17	1.00	-	60.99	26.63	3.41	53.41

Mode 1



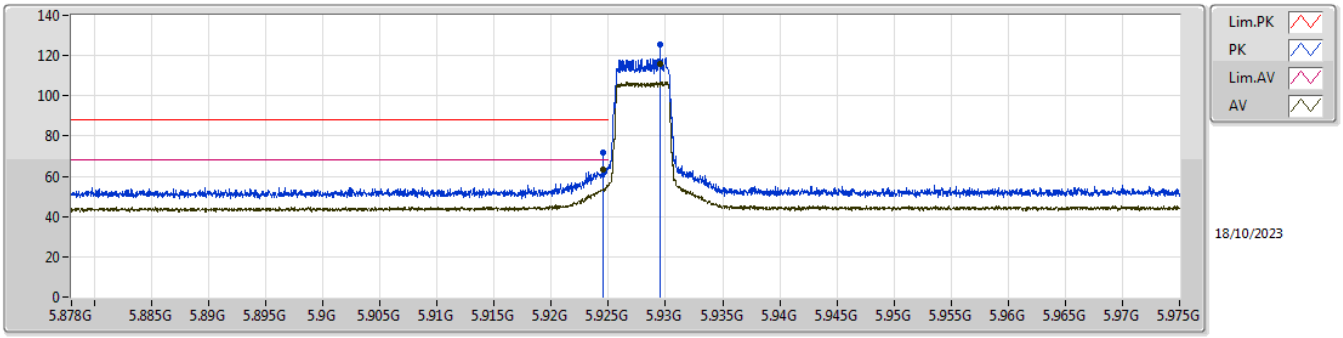
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	241.95M	38.68	46.00	-7.32	-34.21	3	Horizontal	14	2.00	-	72.89	17.53	2.14	53.88
PK	259.89M	39.24	46.00	-6.76	-32.23	3	Horizontal	21	1.00	-	71.47	19.58	2.20	54.01
PK	311.3M	41.13	46.00	-4.87	-32.59	3	Horizontal	174	2.00	-	73.72	19.32	2.33	54.24
PK	340.89M	41.84	46.00	-4.16	-31.63	3	Horizontal	201	2.00	-	73.47	20.19	2.44	54.26
PK	627.52M	39.89	46.00	-6.11	-23.37	3	Horizontal	180	2.00	-	63.26	26.63	3.41	53.41
PK	896.21M	42.50	46.00	-3.50	-19.75	3	Horizontal	26	2.00	"Worst"	62.25	29.01	4.19	52.95

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	-	-	-	-	-	-	-	-	-	-	-
QPSK5_5MHz_Nss1_2TX	Pass	RMS	5.9245G	68.14	68.20	-0.06	3	Horizontal	-0	1.59	BP 1MHz

5.925-6.425GHz_QPSK5_5MHz_Nss1_2TX

5928MHz_TX

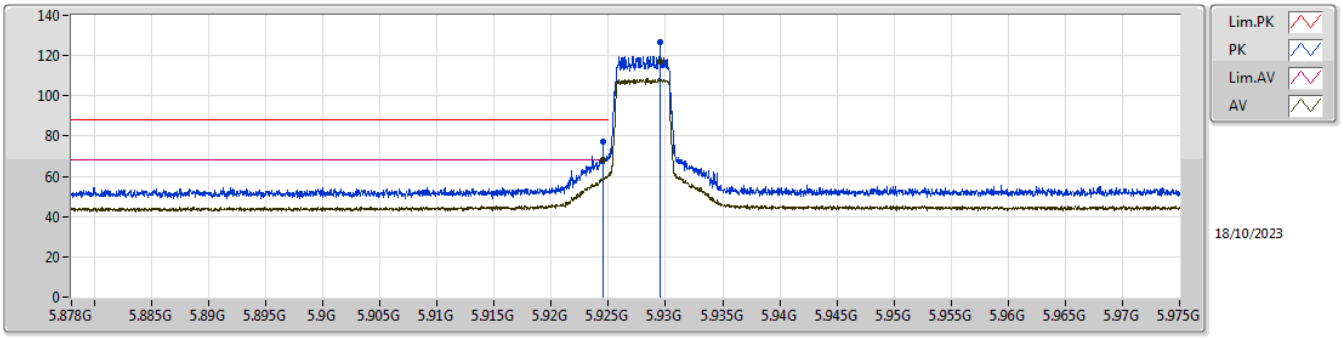


EUT Y_2TX
Setting -12(12/0)
03-C-P-5-10

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	71.61	88.20	-16.59	63.39	3	Vertical	9	1.61	BP 1MHz	34.55	8.77	35.10
RMS	5.9245G	63.33	68.20	-4.87	55.11	3	Vertical	9	1.61	BP 1MHz	34.55	8.77	35.10
PK	5.9295G	125.71	Inf	-Inf	117.49	3	Vertical	9	1.61	BP 1MHz	34.56	8.77	35.11
RMS	5.9295G	115.64	Inf	-Inf	107.42	3	Vertical	9	1.61	BP 1MHz	34.56	8.77	35.11

5.925-6.425GHz_QPSK5_5MHz_Nss1_2TX

5928MHz_TX

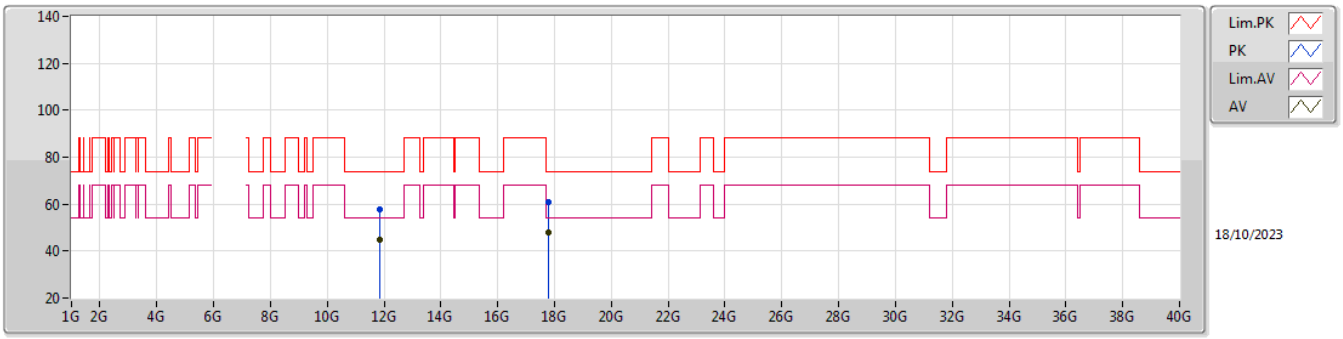


EUT Y_2TX
Setting -12(12/0)
03-C-P-5-10

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	77.27	88.20	-10.93	69.05	3	Horizontal	-0	1.59	BP 1MHz	34.55	8.77	35.10
RMS	5.9245G	68.14	68.20	-0.06	59.92	3	Horizontal	-0	1.59	BP 1MHz	34.55	8.77	35.10
PK	5.9295G	126.48	Inf	-Inf	118.26	3	Horizontal	-0	1.59	BP 1MHz	34.56	8.77	35.11
RMS	5.9295G	117.14	Inf	-Inf	108.92	3	Horizontal	-0	1.59	BP 1MHz	34.56	8.77	35.11

5.925-6.425GHz_QPSK5_5MHz_Nss1_2TX

5928MHz_TX

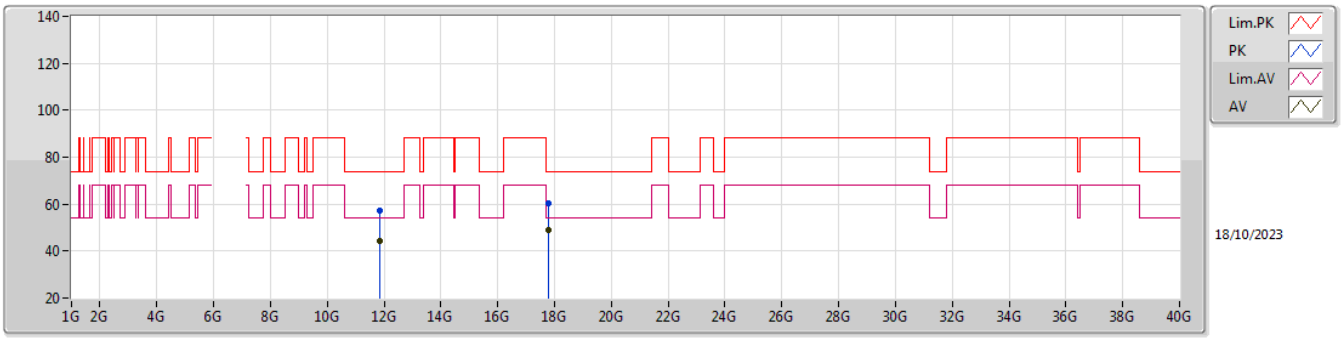


EUT Y_2TX
Setting -12(12/0)
03-C-P-5

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	11.86824G	57.78	74.00	-16.22	48.05	3	Vertical	360	1.80	-	39.43	13.54	43.24
AV	11.86221G	44.57	54.00	-9.43	34.84	3	Vertical	360	1.80	-	39.44	13.53	43.24
PK	17.77608G	60.77	74.00	-13.23	33.86	3	Vertical	325	2.58	-	44.43	24.02	41.54
AV	17.76936G	48.11	54.00	-5.89	21.24	3	Vertical	325	2.58	-	44.41	24.01	41.55

5.925-6.425GHz_QPSK5_5MHz_Nss1_2TX

5928MHz_TX

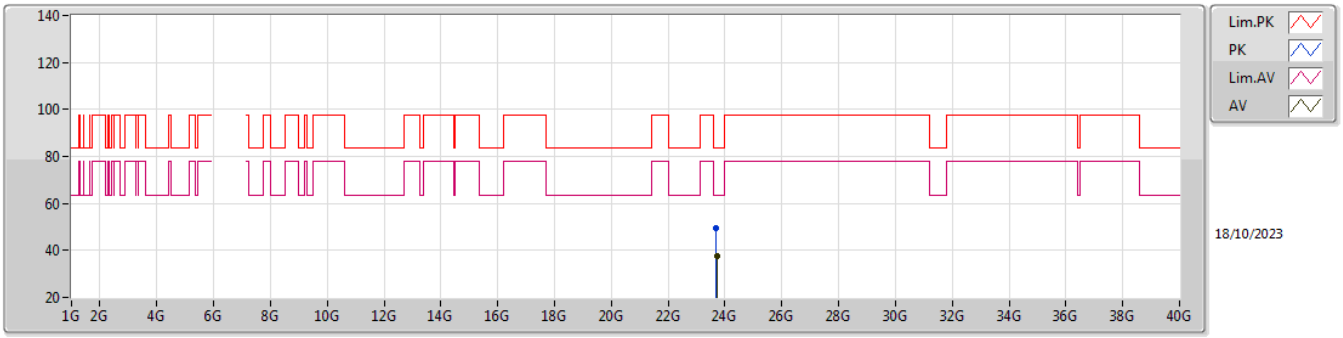


EUT Y_2TX
Setting -12(12/0)
03-C-P-5

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	11.87091G	57.20	74.00	-16.80	47.47	3	Horizontal	53	1.45	-	39.43	13.54	43.24
AV	11.85858G	44.54	54.00	-9.46	34.81	3	Horizontal	53	1.45	-	39.44	13.53	43.24
PK	17.79399G	60.30	74.00	-13.70	33.28	3	Horizontal	181	1.05	-	44.48	24.05	41.51
AV	17.78097G	48.81	54.00	-5.19	21.87	3	Horizontal	181	1.05	-	44.44	24.03	41.53

5.925-6.425GHz_QPSK5_5MHz_Nss1_2TX

5928MHz_TX

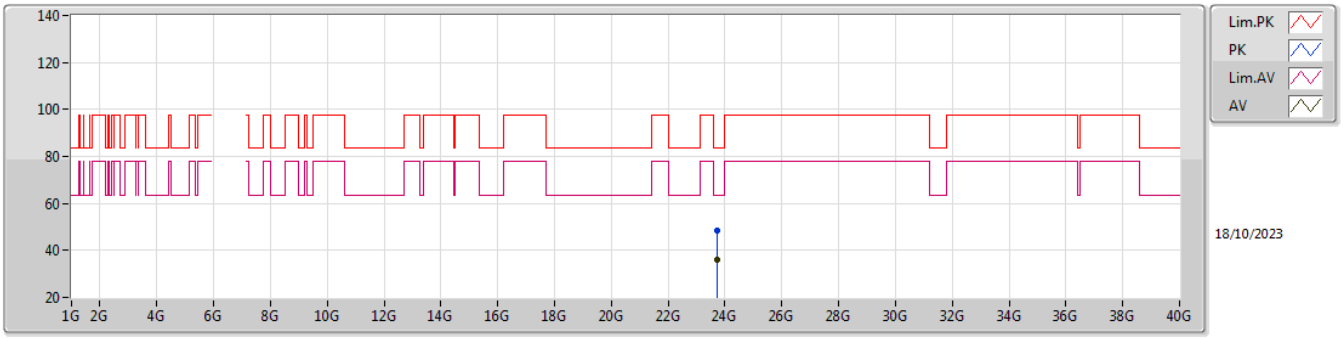


EUT Y_2TX
Setting -12(12/0)
03-C-P-5

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	23.6988G	49.26	83.54	-34.28	39.74	1	Vertical	342	1.49	-	39.10	20.74	50.32
AV	23.71191G	37.53	63.54	-26.01	27.98	1	Vertical	342	1.49	-	39.12	20.75	50.32

5.925-6.425GHz_QPSK5_5MHz_Nss1_2TX

5928MHz_TX

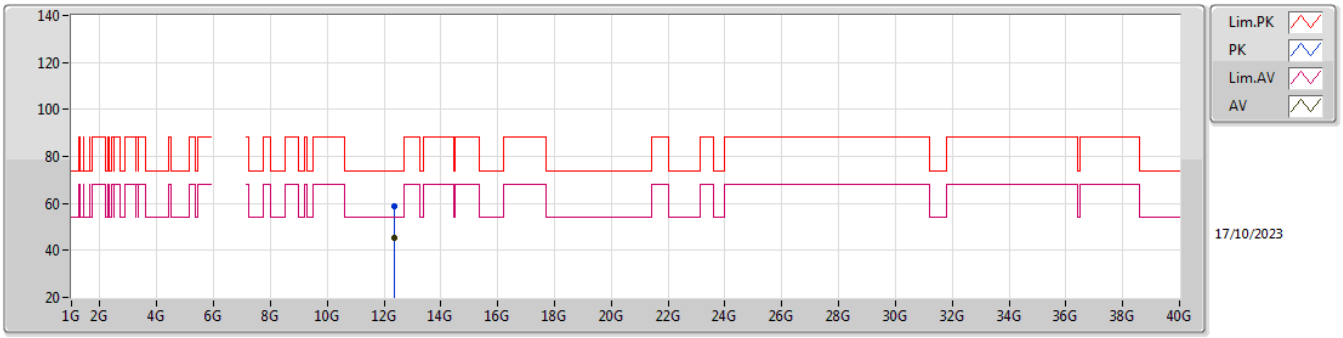


EUT Y_2TX
Setting -12(12/0)
03-C-P-5

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	23.70954G	48.67	83.54	-34.87	39.12	1	Horizontal	11	1.74	-	39.12	20.75	50.32
AV	23.71197G	36.16	63.54	-27.38	26.61	1	Horizontal	11	1.74	-	39.12	20.75	50.32

5.925-6.425GHz_QPSK5_5MHz_Nss1_2TX

6175MHz_TX

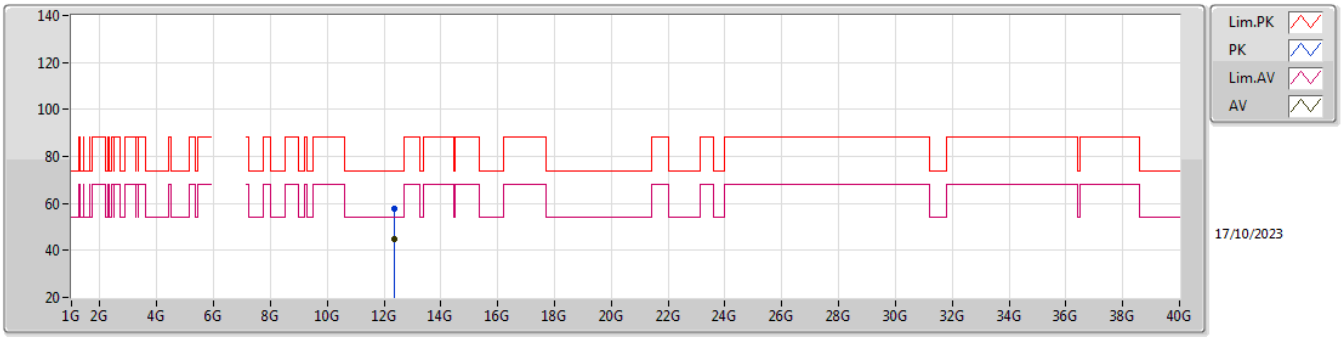


EUT Y_2TX
Setting -9(6/3000)
03-C-P-5

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	12.35874G	58.74	74.00	-15.26	48.65	3	Vertical	162	2.55	-	38.80	14.46	43.17
AV	12.35764G	45.09	54.00	-8.91	35.00	3	Vertical	162	2.55	-	38.80	14.46	43.17

5.925-6.425GHz_QPSK5_5MHz_Nss1_2TX

6175MHz_TX

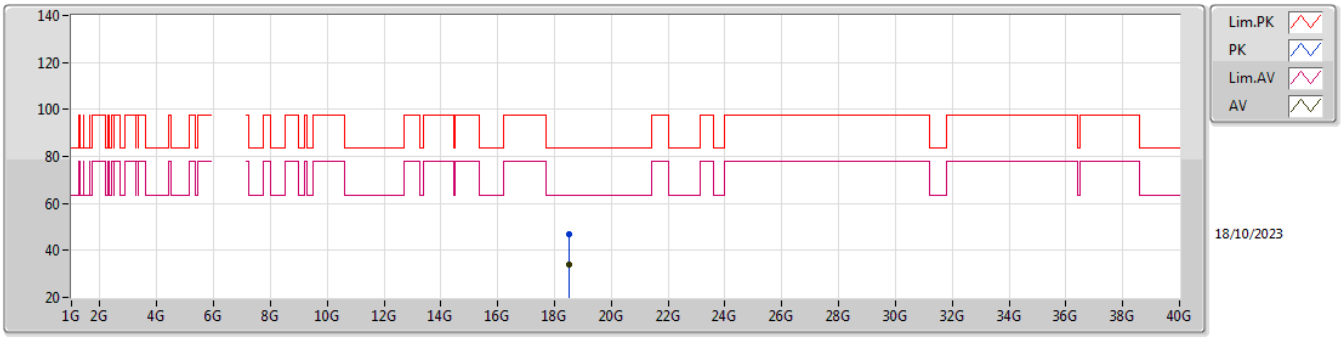


EUT Y_2TX
Setting -9(6/3000)
03-C-P-5

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	12.3432G	57.85	74.00	-16.15	47.79	3	Horizontal	153	1.80	-	38.80	14.43	43.17
AV	12.35978G	45.00	54.00	-9.00	34.90	3	Horizontal	153	1.80	-	38.80	14.47	43.17

5.925-6.425GHz_QPSK5_5MHz_Nss1_2TX

6175MHz_TX

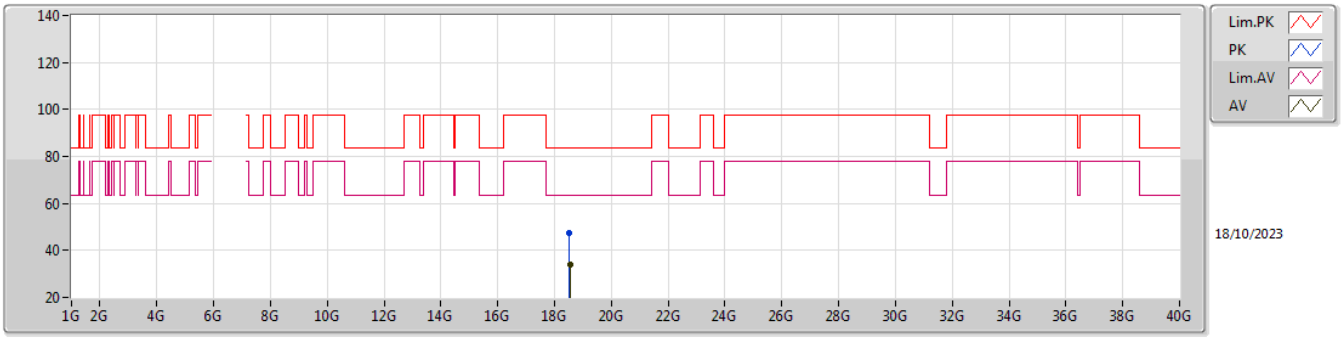


EUT Y_2TX
Setting -9(6/3000)
03-C-P-5

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	18.52599G	46.70	83.54	-36.84	40.37	1	Vertical	216	1.50	-	37.80	18.86	50.33
AV	18.53337G	33.80	63.54	-29.74	27.50	1	Vertical	216	1.50	-	37.77	18.86	50.33

5.925-6.425GHz_QPSK5_5MHz_Nss1_2TX

6175MHz_TX

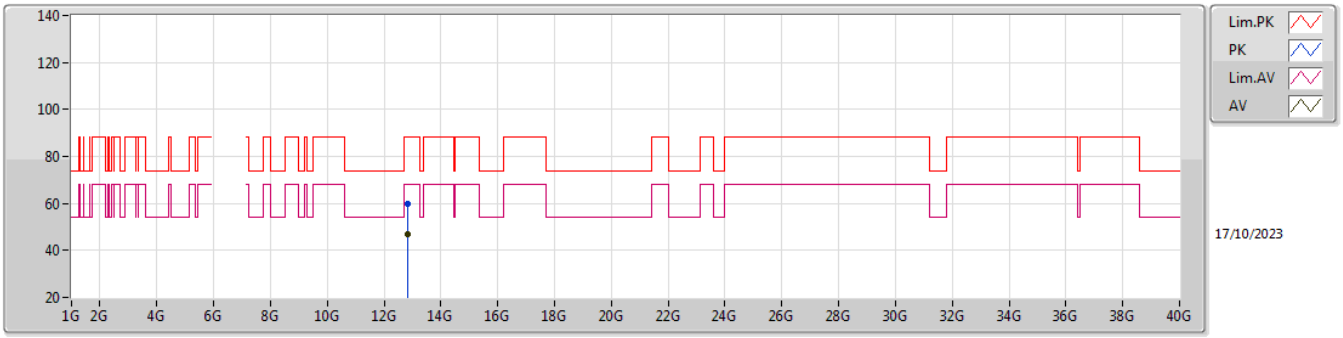


EUT Y_2TX
Setting -9(6/3000)
03-C-P-5

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	18.51426G	47.36	83.54	-36.18	40.98	1	Horizontal	139	1.82	-	37.84	18.85	50.31
AV	18.53994G	33.95	63.54	-29.59	27.68	1	Horizontal	139	1.82	-	37.74	18.87	50.34

5.925-6.425GHz_QPSK5_5MHz_Nss1_2TX

6422MHz_TX

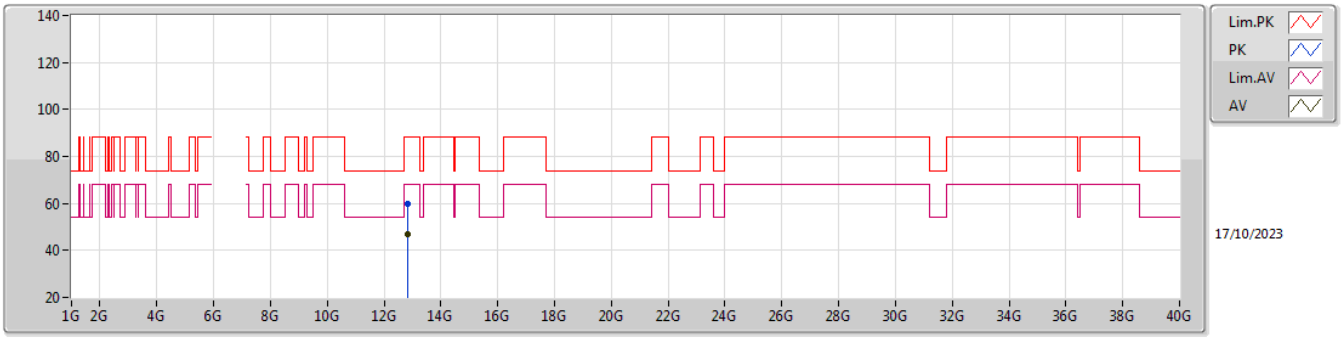


EUT Y_2TX
Setting -9(6/3000)
03-C-P-5

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	12.84622G	59.85	88.20	-28.35	47.88	3	Vertical	326	2.38	-	39.19	15.58	42.80
RMS	12.85326G	46.79	68.20	-21.41	34.78	3	Vertical	326	2.38	-	39.21	15.60	42.80

5.925-6.425GHz_QPSK5_5MHz_Nss1_2TX

6422MHz_TX

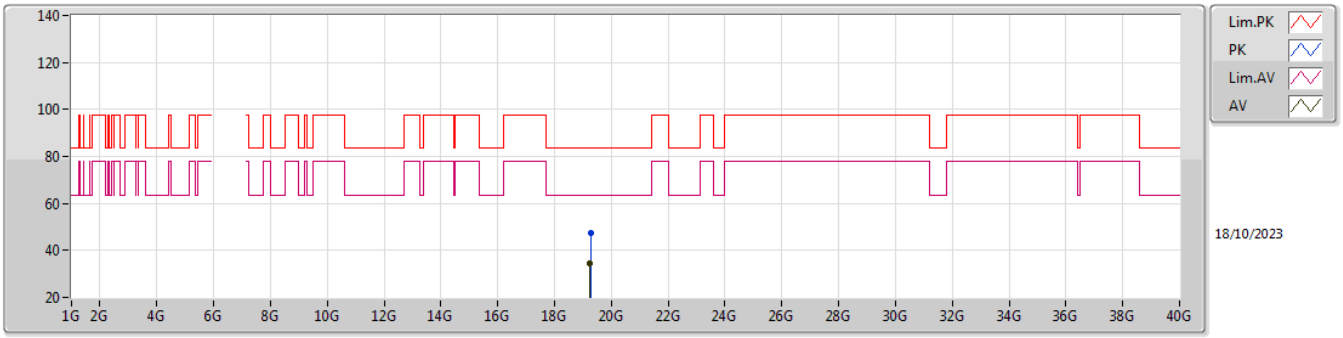


EUT Y_2TX
Setting -9(6/3000)
03-C-P-5

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	12.85148G	59.91	88.20	-28.29	47.92	3	Horizontal	310	1.24	-	39.20	15.59	42.80
RMS	12.8527G	47.03	68.20	-21.17	35.02	3	Horizontal	310	1.24	-	39.21	15.60	42.80

5.925-6.425GHz_QPSK5_5MHz_Nss1_2TX

6422MHz_TX

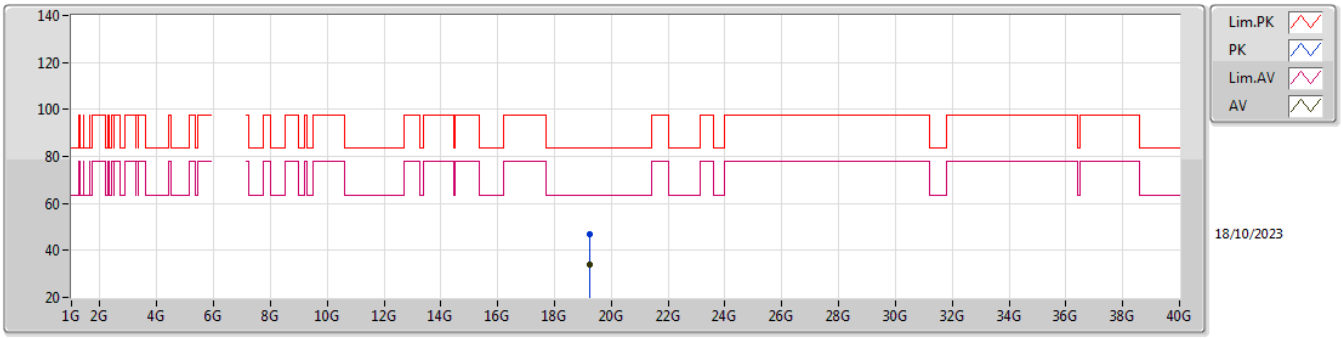


EUT Y_2TX
Setting -9(6/3000)
03-C-P-5

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	19.27404G	47.21	83.54	-36.33	41.01	1	Vertical	6	1.39	-	37.95	19.38	51.13
AV	19.2516G	34.46	63.54	-29.08	28.30	1	Vertical	6	1.39	-	37.90	19.36	51.10

5.925-6.425GHz_QPSK5_5MHz_Nss1_2TX

6422MHz_TX

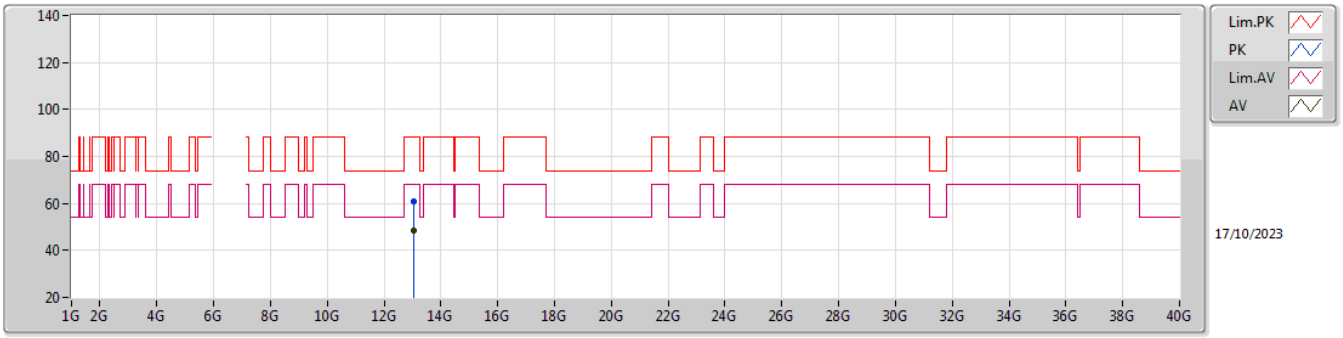


EUT Y_2TX
Setting -9(6/3000)
03-C-P-5

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	19.25163G	46.84	83.54	-36.70	40.68	1	Horizontal	214	1.50	-	37.90	19.36	51.10
AV	19.25109G	34.03	63.54	-29.51	27.87	1	Horizontal	214	1.50	-	37.90	19.36	51.10

6.525-6.875GHz_QPSK5_5MHz_Nss1_2TX

6528MHz_TX

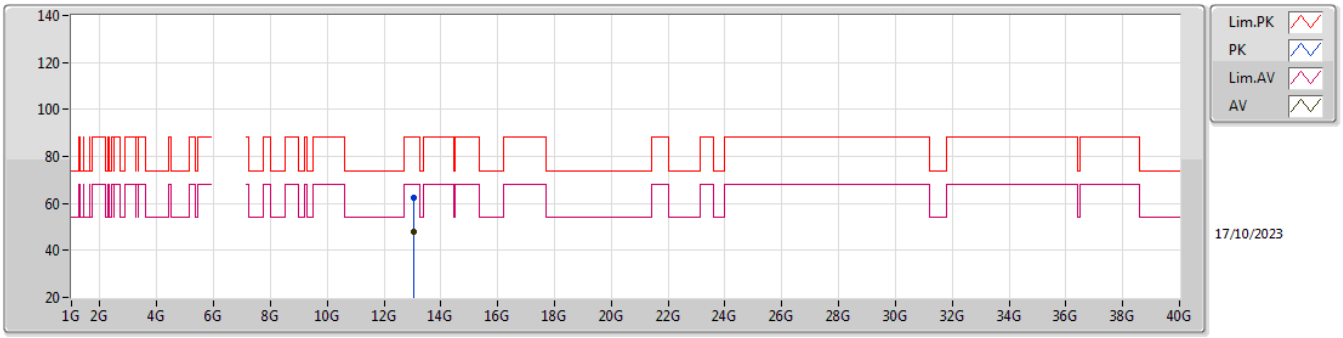


EUT Y_2TX
Setting -9(6/3000)
03-C-P-5

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	13.0554G	61.05	88.20	-27.15	48.04	3	Vertical	18	1.80	-	39.61	16.06	42.66
RMS	13.05434G	48.26	68.20	-19.94	35.25	3	Vertical	18	1.80	-	39.61	16.06	42.66

6.525-6.875GHz_QPSK5_5MHz_Nss1_2TX

6528MHz_TX

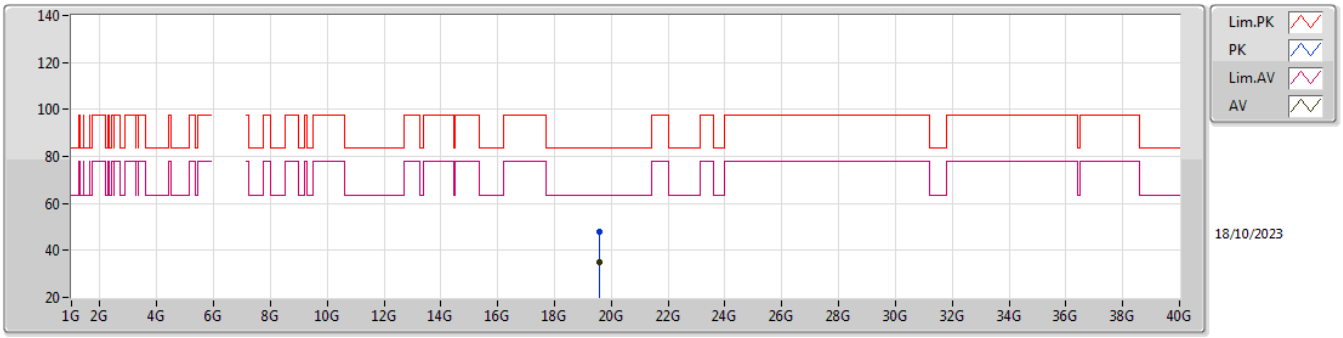


EUT Y_2TX
Setting -9(6/3000)
03-C-P-5

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	13.05674G	62.29	88.20	-25.91	49.27	3	Horizontal	209	1.22	-	39.61	16.07	42.66
RMS	13.05712G	48.11	68.20	-20.09	35.09	3	Horizontal	209	1.22	-	39.61	16.07	42.66

6.525-6.875GHz_QPSK5_5MHz_Nss1_2TX

6528MHz_TX

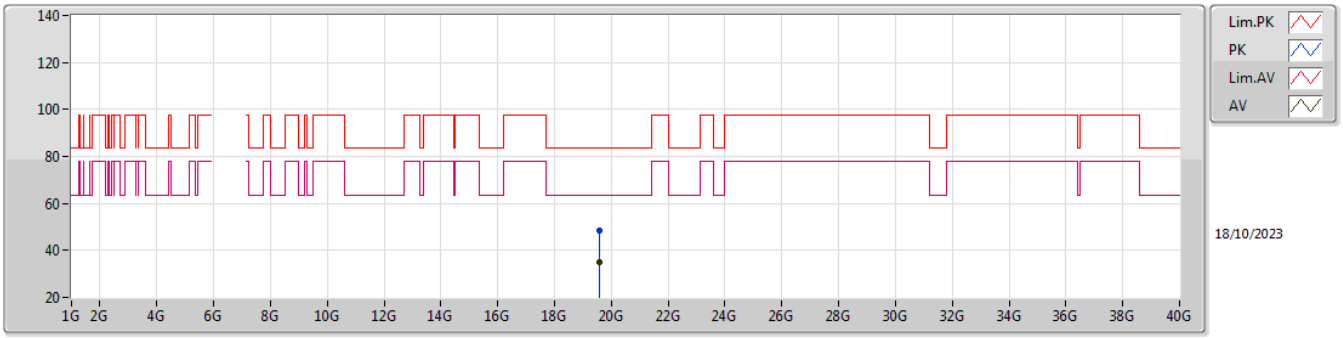


EUT Y_2TX
Setting -9(6/3000)
03-C-P-5

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	19.58538G	47.90	83.54	-35.64	41.91	1	Vertical	136	1.50	-	37.89	19.59	51.49
AV	19.59117G	35.05	63.54	-28.49	29.09	1	Vertical	136	1.50	-	37.85	19.60	51.49

6.525-6.875GHz_QPSK5_5MHz_Nss1_2TX

6528MHz_TX

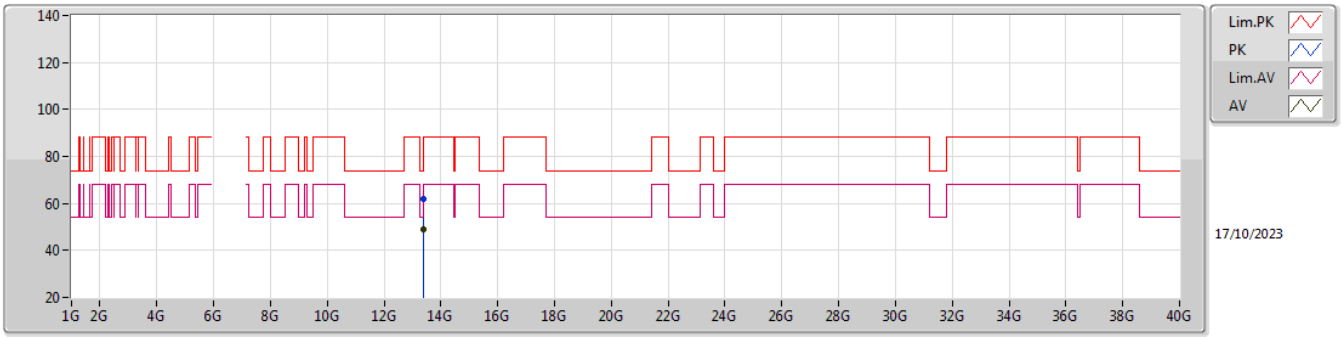


EUT Y_2TX
Setting -9(6/3000)
03-C-P-5

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	19.59159G	48.68	83.54	-34.86	42.72	1	Horizontal	351	1.50	-	37.85	19.60	51.49
AV	19.58565G	35.08	63.54	-28.46	29.09	1	Horizontal	351	1.50	-	37.89	19.59	51.49

6.525-6.875GHz_QPSK5_5MHz_Nss1_2TX

6700MHz_TX

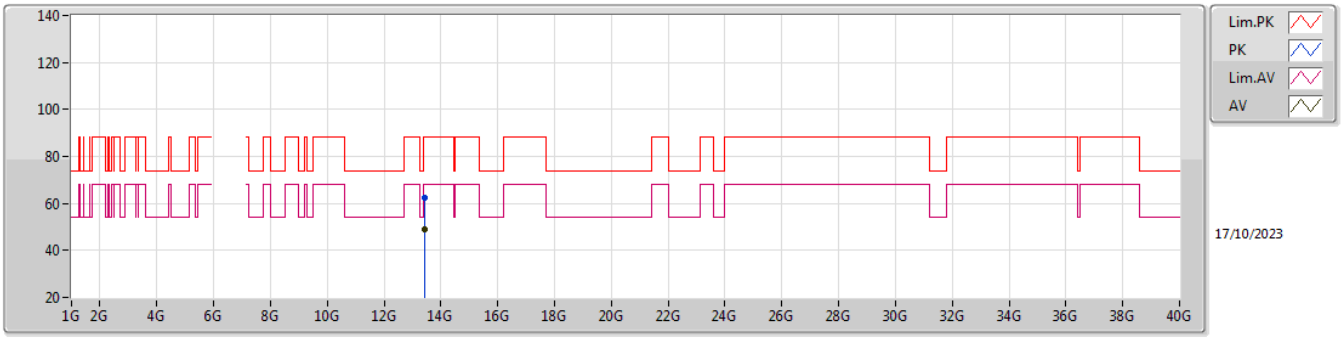


EUT Y_2TX
Setting -9(6/3000)
03-C-P-5

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	13.40514G	61.80	88.20	-26.40	47.46	3	Vertical	302	1.09	-	40.22	16.86	42.74
RMS	13.40254G	48.83	68.20	-19.37	34.50	3	Vertical	302	1.09	-	40.21	16.86	42.74

6.525-6.875GHz_QPSK5_5MHz_Nss1_2TX

6700MHz_TX

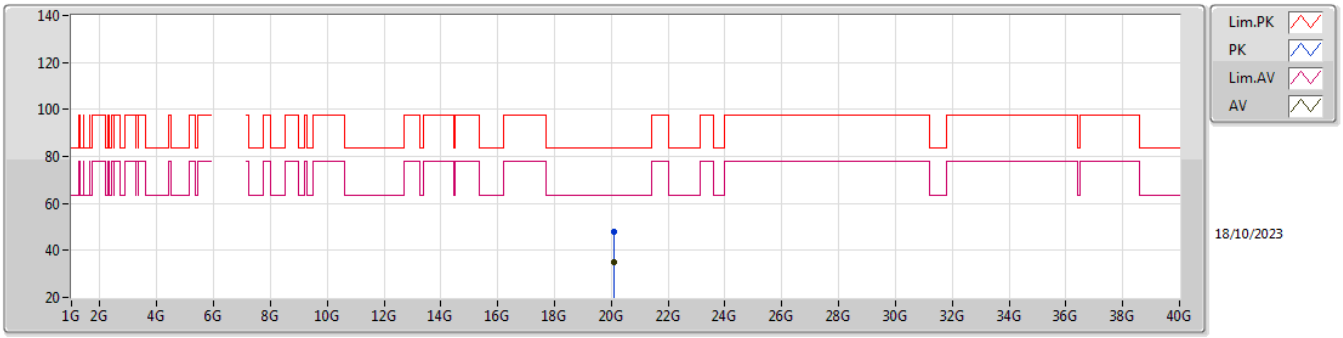


EUT Y_2TX
Setting -9(6/3000)
03-C-P-5

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	13.40998G	62.37	88.20	-25.83	48.00	3	Horizontal	31	1.36	-	40.23	16.88	42.74
RMS	13.40962G	48.95	68.20	-19.25	34.58	3	Horizontal	31	1.36	-	40.23	16.88	42.74

6.525-6.875GHz_QPSK5_5MHz_Nss1_2TX

6700MHz_TX

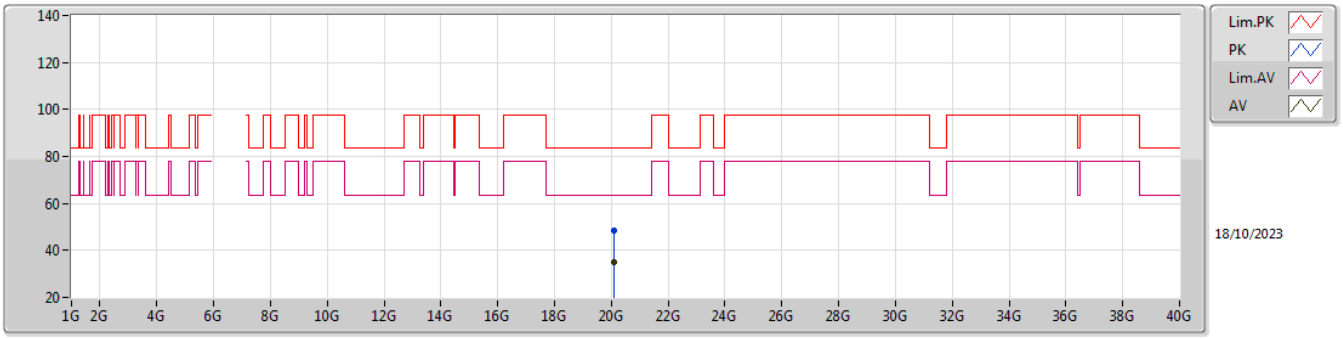


EUT Y_2TX
Setting -9(6/3000)
03-C-P-5

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	20.10231G	48.04	83.54	-35.50	42.20	1	Vertical	5	1.50	-	37.89	19.87	51.92
AV	20.1102G	35.23	63.54	-28.31	29.44	1	Vertical	5	1.50	-	37.84	19.87	51.92

6.525-6.875GHz_QPSK5_5MHz_Nss1_2TX

6700MHz_TX

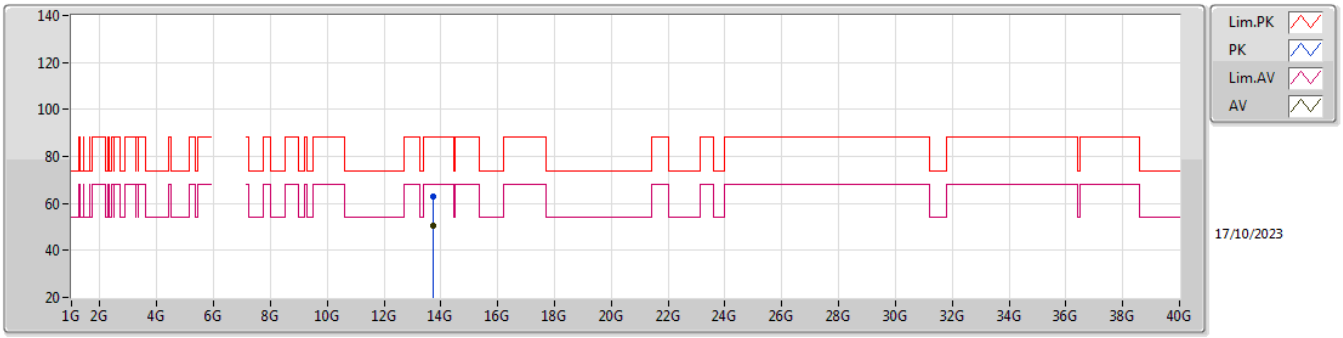


EUT Y_2TX
Setting -9(6/3000)
03-C-P-5

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	20.10081G	48.31	83.54	-35.23	42.46	1	Horizontal	333	1.50	-	37.90	19.87	51.92
AV	20.09766G	35.04	63.54	-28.50	29.20	1	Horizontal	333	1.50	-	37.89	19.87	51.92

6.525-6.875GHz_QPSK5_5MHz_Nss1_2TX

6872MHz_TX

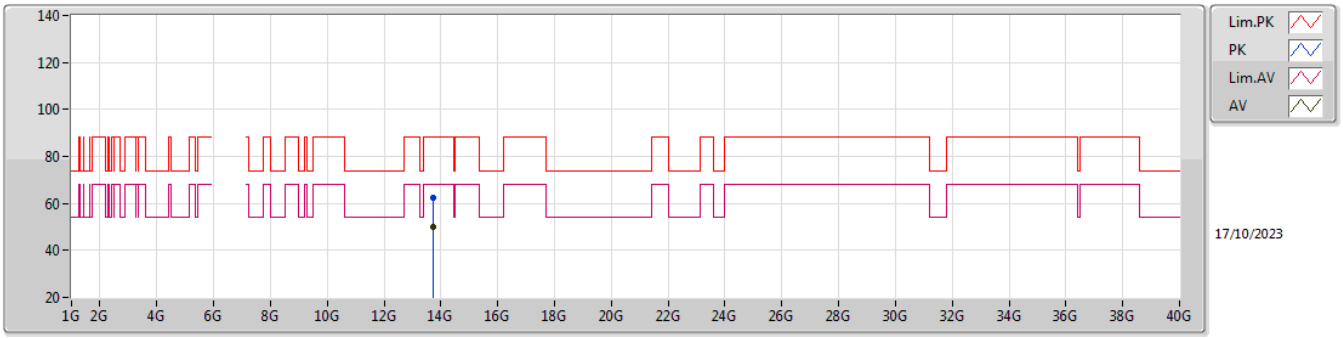


EUT Y_2TX
Setting -9(6/3000)
03-C-P-5

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	13.74364G	63.04	88.20	-25.16	47.37	3	Vertical	17	2.45	-	40.64	17.64	42.61
RMS	13.74462G	50.39	68.20	-17.81	34.72	3	Vertical	17	2.45	-	40.64	17.64	42.61

6.525-6.875GHz_QPSK5_5MHz_Nss1_2TX

6872MHz_TX

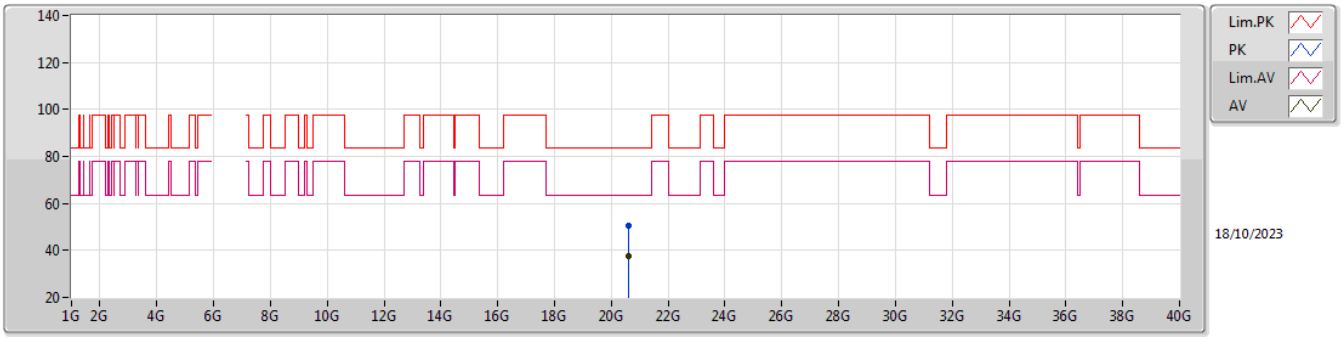


EUT Y_2TX
Setting -9(6/3000)
03-C-P-5

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	13.74738G	62.56	88.20	-25.64	46.87	3	Horizontal	76	2.71	-	40.65	17.65	42.61
RMS	13.74406G	50.09	68.20	-18.11	34.42	3	Horizontal	76	2.71	-	40.64	17.64	42.61

6.525-6.875GHz_QPSK5_5MHz_Nss1_2TX

6872MHz_TX

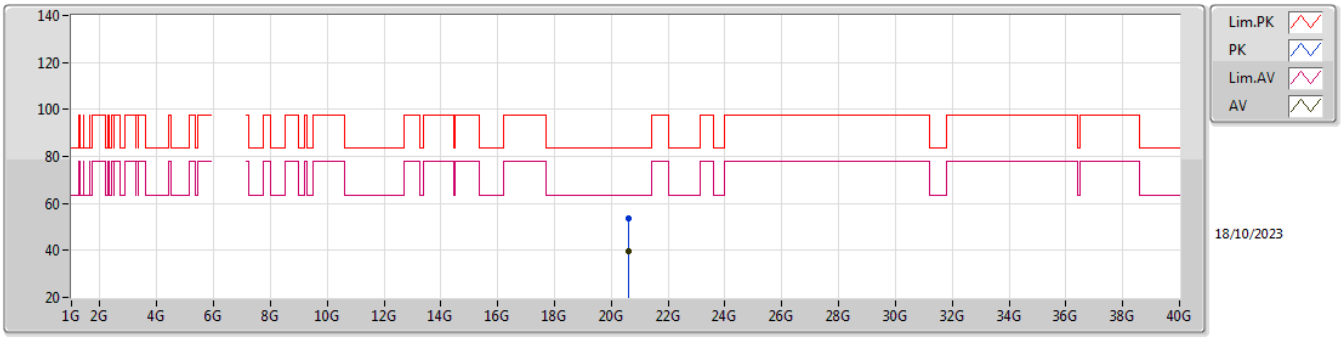


EUT Y_2TX
Setting -9(6/3000)
03-C-P-5

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	20.6118G	50.73	83.54	-32.81	44.95	1	Vertical	26	1.54	-	37.98	19.82	52.02
AV	20.61465G	37.59	63.54	-25.95	31.82	1	Vertical	26	1.54	-	37.97	19.82	52.02

6.525-6.875GHz_QPSK5_5MHz_Nss1_2TX

6872MHz_TX

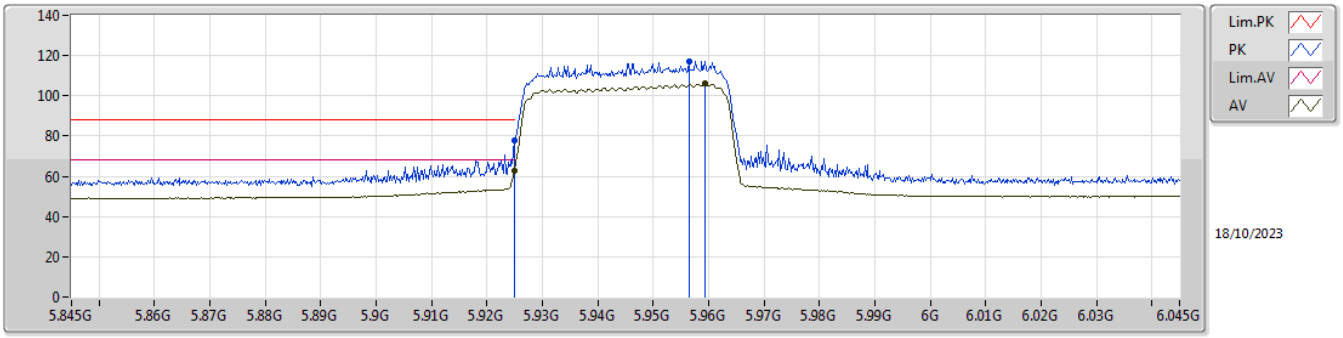


EUT Y_2TX
Setting -9(6/3000)
03-C-P-5

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	20.61963G	53.61	83.54	-29.93	47.85	1	Horizontal	319	1.50	-	37.96	19.82	52.02
AV	20.61633G	39.53	63.54	-24.01	33.76	1	Horizontal	319	1.50	-	37.97	19.82	52.02

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX

5945MHz_TX

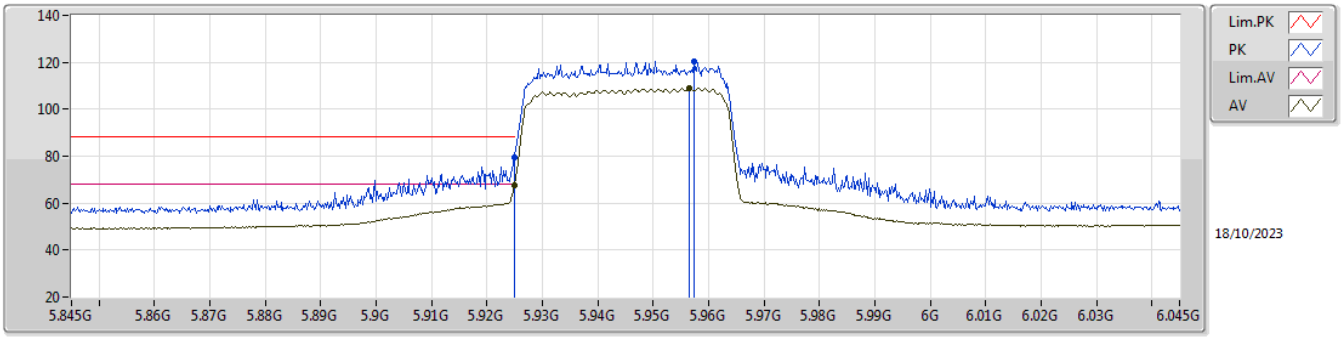


EUT Y_2TX
Setting -11(6/5000)
03-C-P-5-10

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	77.83	88.20	-10.37	69.61	3	Vertical	40	1.62	-	34.55	8.77	35.10
RMS	5.925G	62.92	68.20	-5.28	54.70	3	Vertical	40	1.62	-	34.55	8.77	35.10
PK	5.9564G	117.20	Inf	-Inf	108.92	3	Vertical	40	1.62	-	34.61	8.79	35.12
RMS	5.9594G	106.02	Inf	-Inf	97.73	3	Vertical	40	1.62	-	34.62	8.79	35.12

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX

5945MHz_TX

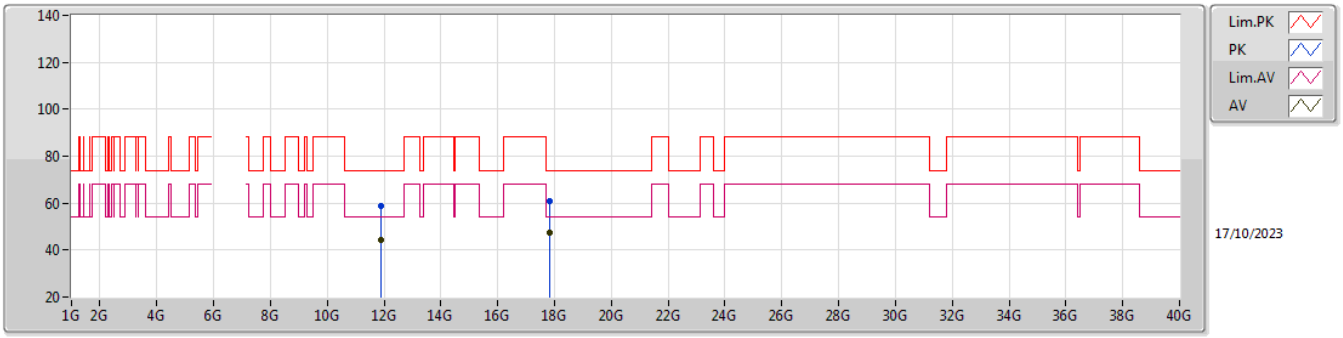


EUT Y_2TX
Setting -11(6/5000)
03-C-P-5-10

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	79.40	88.20	-8.80	71.18	3	Horizontal	2	1.56	-	34.55	8.77	35.10
RMS	5.925G	67.72	68.20	-0.48	59.50	3	Horizontal	2	1.56	-	34.55	8.77	35.10
PK	5.9574G	120.40	Inf	-Inf	112.12	3	Horizontal	2	1.56	-	34.61	8.79	35.12
RMS	5.9566G	109.14	Inf	-Inf	100.86	3	Horizontal	2	1.56	-	34.61	8.79	35.12

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX

5945MHz_TX

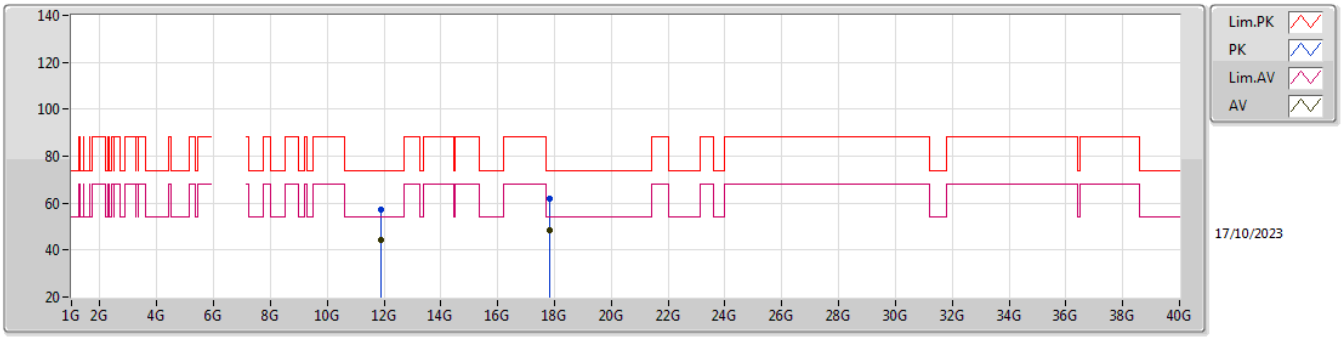


EUT Y_2TX
Setting -11(6/5000)
03-C-P-5

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	11.90497G	58.61	74.00	-15.39	48.89	3	Vertical	318	2.06	-	39.39	13.57	43.24
AV	11.88187G	44.47	54.00	-9.53	34.74	3	Vertical	318	2.06	-	39.42	13.55	43.24
PK	17.83038G	60.80	74.00	-13.20	33.58	3	Vertical	164	1.32	-	44.56	24.11	41.45
AV	17.83623G	47.19	54.00	-6.81	19.95	3	Vertical	164	1.32	-	44.57	24.12	41.45

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX

5945MHz_TX

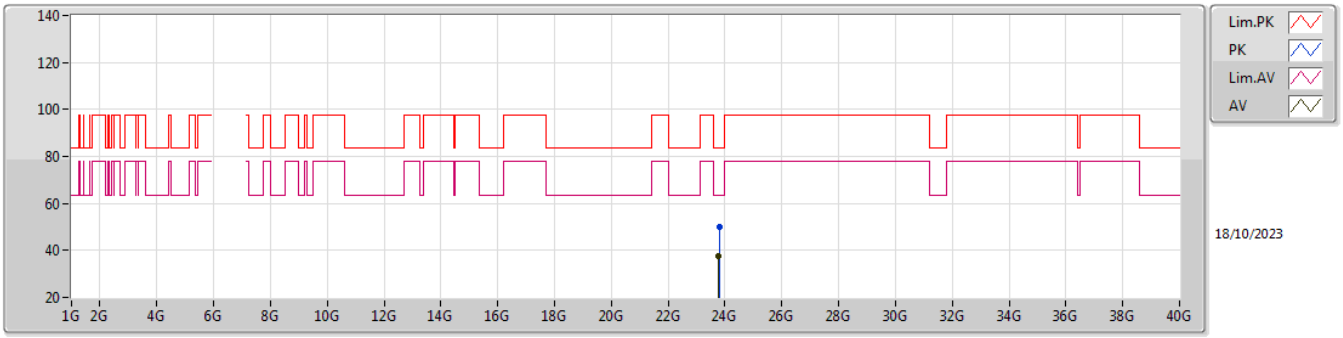


EUT Y_2TX
Setting -11(6/5000)
03-C-P-5

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	11.88295G	57.39	74.00	-16.61	47.66	3	Horizontal	304	1.12	-	39.42	13.55	43.24
AV	11.88004G	44.27	54.00	-9.73	34.54	3	Horizontal	304	1.12	-	39.42	13.55	43.24
PK	17.84379G	61.76	74.00	-12.24	34.46	3	Horizontal	289	2.88	-	44.59	24.14	41.43
AV	17.84292G	48.65	54.00	-5.35	21.37	3	Horizontal	289	2.88	-	44.59	24.13	41.44

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX

5945MHz_TX

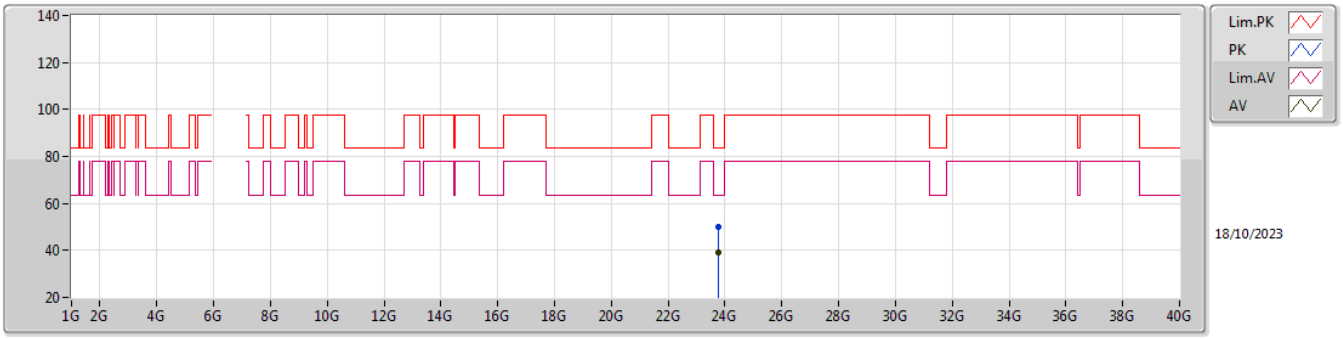


EUT Y_2TX
Setting -11(6/5000)
03-C-P-5

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	23.79194G	50.11	83.54	-33.43	40.47	1	Vertical	355	1.67	-	39.12	20.80	50.28
AV	23.77997G	37.68	63.54	-25.86	28.04	1	Vertical	355	1.67	-	39.14	20.79	50.29

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX

5945MHz_TX

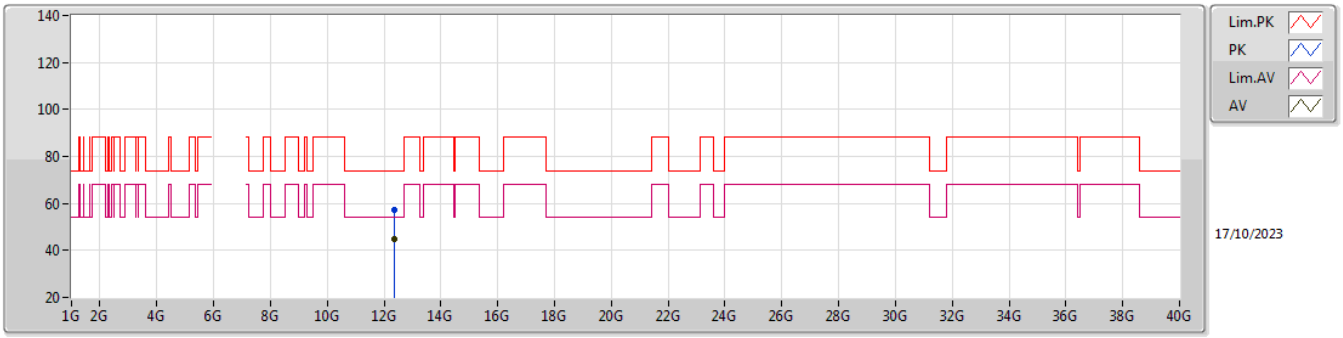


EUT Y_2TX
Setting -11(6/5000)
03-C-P-5

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	23.77046G	50.18	83.54	-33.36	40.52	1	Horizontal	356	1.67	-	39.16	20.79	50.29
AV	23.77994G	39.14	63.54	-24.40	29.50	1	Horizontal	356	1.67	-	39.14	20.79	50.29

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX

6175MHz_TX

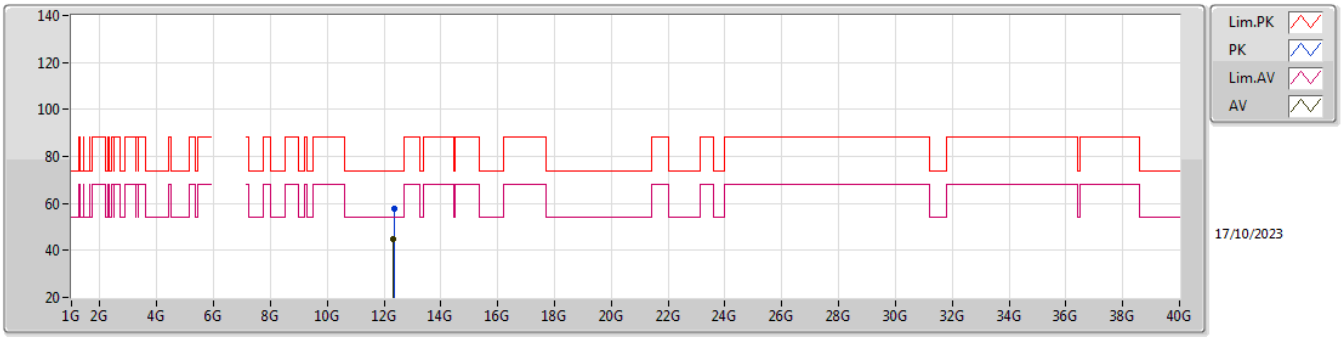


EUT Y_2TX
Setting -2(0/2000)
03-C-P-5

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	12.35252G	57.00	74.00	-17.00	46.92	3	Vertical	221	1.16	-	38.80	14.45	43.17
AV	12.34568G	44.82	54.00	-9.18	34.76	3	Vertical	221	1.16	-	38.80	14.43	43.17

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX

6175MHz_TX

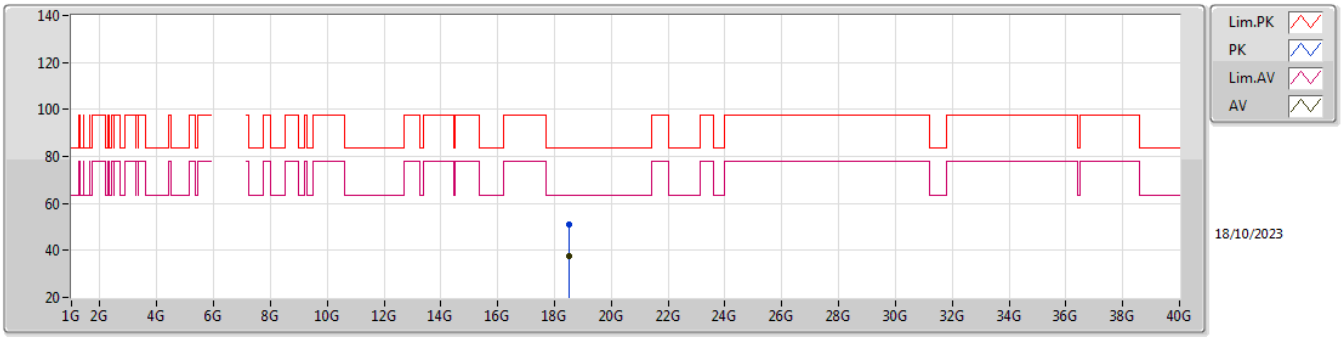


EUT Y_2TX
Setting -2(0/2000)
03-C-P-5

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	12.36002G	57.84	74.00	-16.16	47.74	3	Horizontal	303	1.80	-	38.80	14.47	43.17
AV	12.3362G	44.75	54.00	-9.25	34.71	3	Horizontal	303	1.80	-	38.80	14.41	43.17

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX

6175MHz_TX

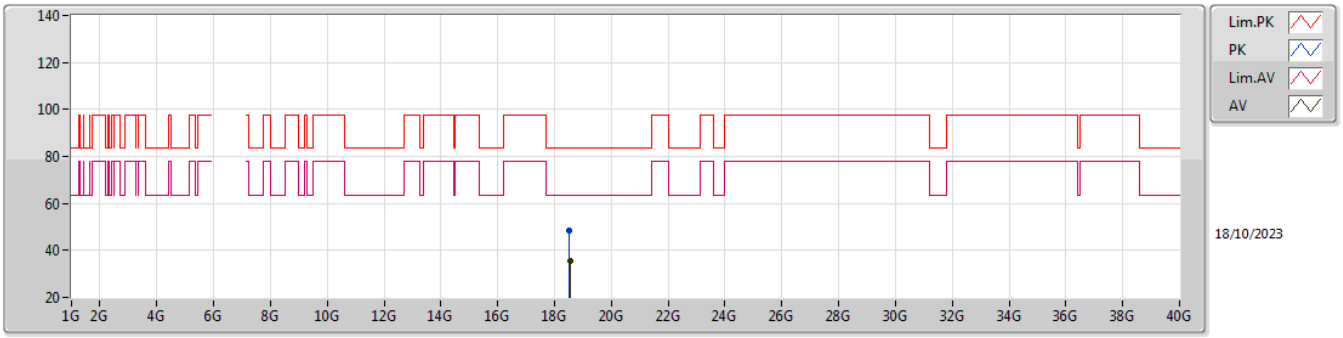


EUT Y_2TX
Setting -2(0/2000)
03-C-P-5

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	18.53445G	51.07	83.54	-32.47	44.78	1	Vertical	332	1.67	-	37.76	18.86	50.33
AV	18.52929G	37.82	63.54	-25.72	31.51	1	Vertical	332	1.67	-	37.78	18.86	50.33

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX

6175MHz_TX

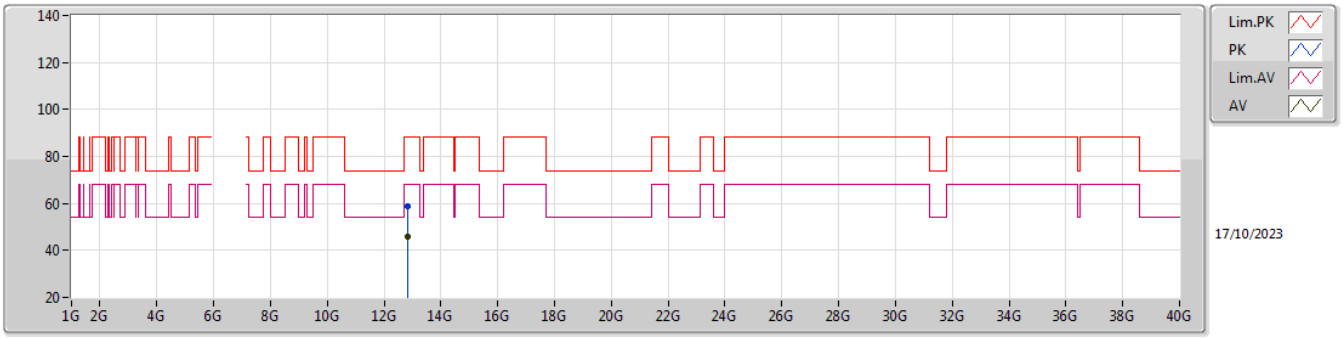


EUT Y_2TX
Setting -2(0/2000)
03-C-P-5

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	18.51204G	48.56	83.54	-34.98	42.17	1	Horizontal	287	1.50	-	37.85	18.85	50.31
AV	18.53988G	35.69	63.54	-27.85	29.42	1	Horizontal	287	1.50	-	37.74	18.87	50.34

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX

6405MHz_TX

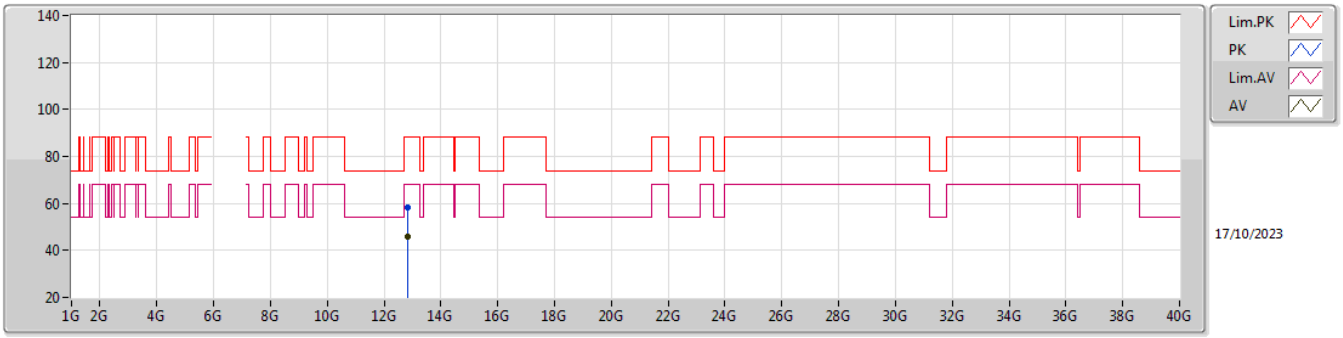


EUT Y_2TX
Setting -2(0/2000)
03-C-P-5

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	12.81174G	58.62	88.20	-29.58	46.84	3	Vertical	359	2.35	-	39.12	15.50	42.84
RMS	12.81561G	45.85	68.20	-22.35	34.04	3	Vertical	359	2.35	-	39.13	15.51	42.83

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX

6405MHz_TX

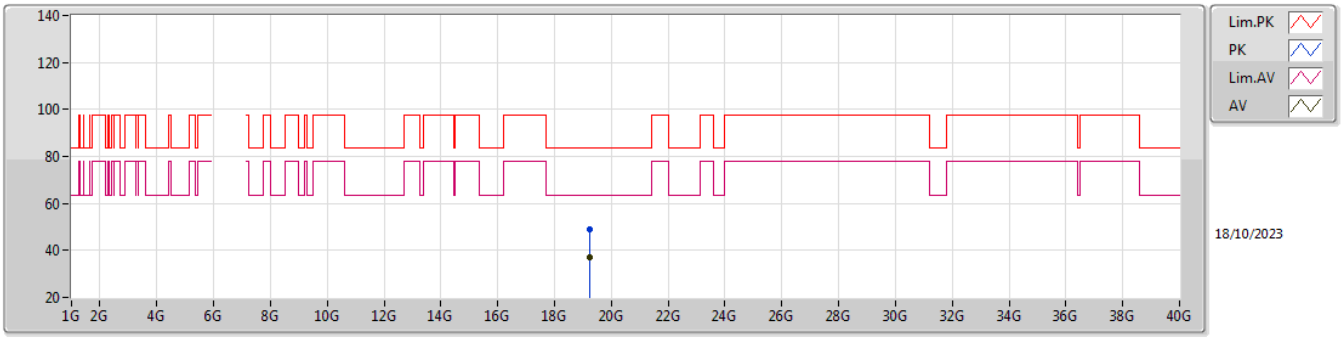


EUT Y_2TX
Setting -2(0/2000)
03-C-P-5

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	12.81942G	58.21	88.20	-29.99	46.38	3	Horizontal	285	2.43	-	39.14	15.52	42.83
RMS	12.81867G	45.91	68.20	-22.29	34.08	3	Horizontal	285	2.43	-	39.14	15.52	42.83

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX

6405MHz_TX

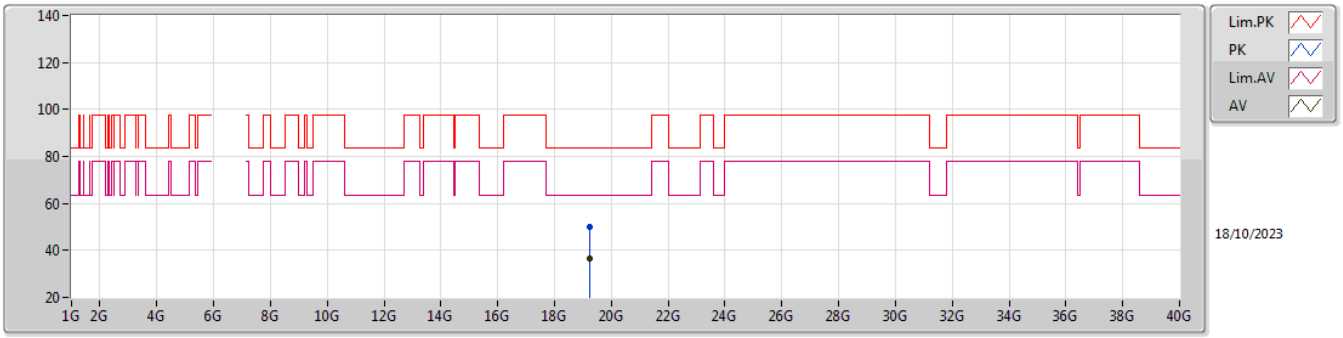


EUT Y_2TX
Setting -2(0/2000)
03-C-P-5

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	19.2225G	49.17	83.54	-34.37	42.95	1	Vertical	253	1.62	-	37.95	19.34	51.07
AV	19.21869G	36.82	63.54	-26.72	30.58	1	Vertical	253	1.62	-	37.96	19.34	51.06

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX

6405MHz_TX

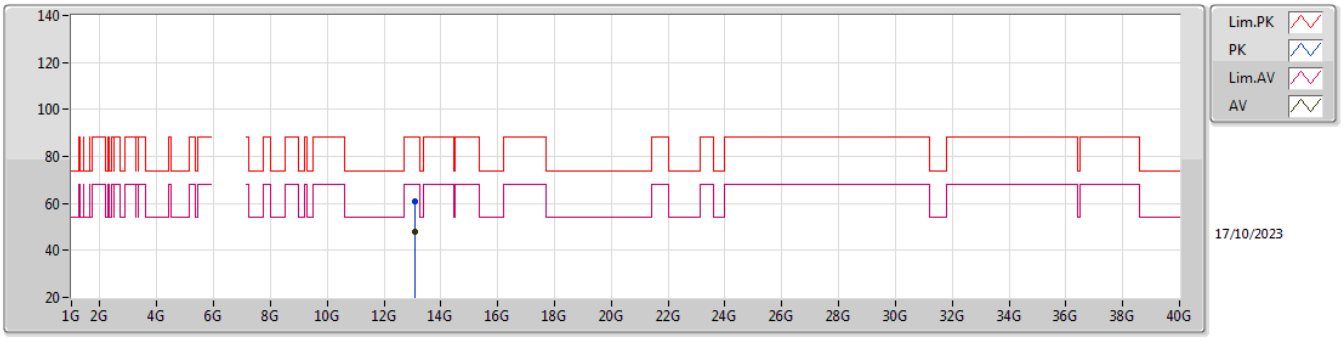


EUT Y_2TX
Setting -2(0/2000)
03-C-P-5

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	19.22136G	49.78	83.54	-33.76	43.55	1	Horizontal	37	1.49	-	37.96	19.34	51.07
AV	19.2252G	36.76	63.54	-26.78	30.54	1	Horizontal	37	1.49	-	37.95	19.34	51.07

6.525-6.875GHz_QPSK40_40MHz_Nss1_2TX

6545MHz_TX

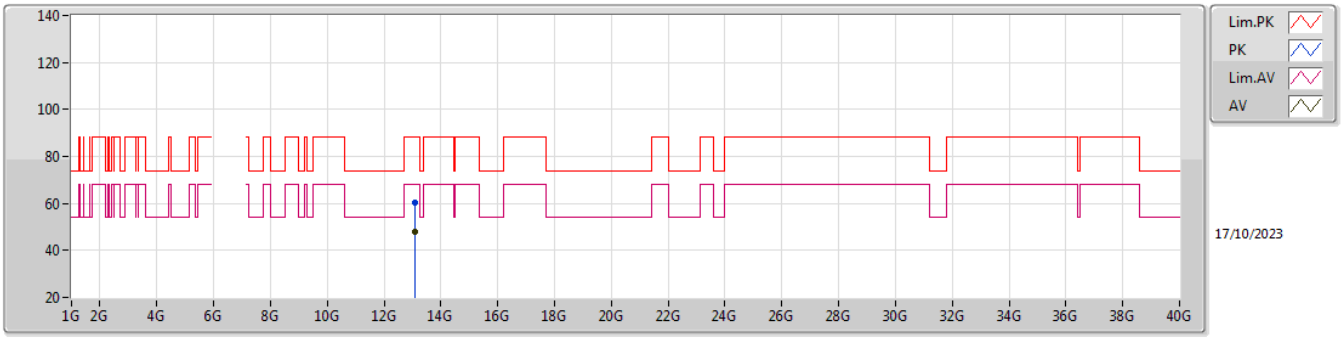


EUT Y_2TX
Setting -2(0/2000)
03-C-P-5

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	13.08124G	60.77	88.20	-27.43	47.66	3	Vertical	163	1.49	-	39.66	16.12	42.67
RMS	13.10245G	48.10	68.20	-20.10	34.90	3	Vertical	163	1.49	-	39.70	16.17	42.67

6.525-6.875GHz_QPSK40_40MHz_Nss1_2TX

6545MHz_TX

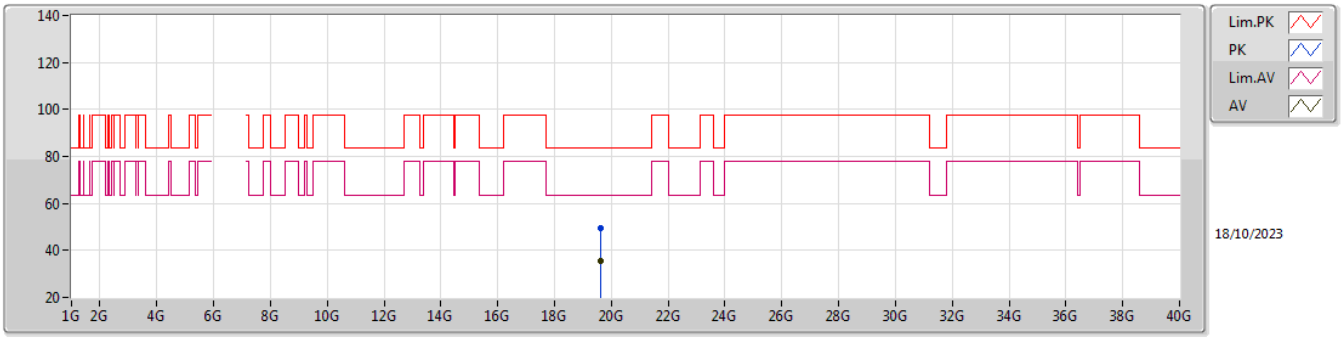


EUT Y_2TX
Setting -2(0/2000)
03-C-P-5

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	13.07941G	60.36	88.20	-27.84	47.25	3	Horizontal	33	2.98	-	39.66	16.12	42.67
RMS	13.09513G	48.12	68.20	-20.08	34.95	3	Horizontal	33	2.98	-	39.69	16.15	42.67

6.525-6.875GHz_QPSK40_40MHz_Nss1_2TX

6545MHz_TX

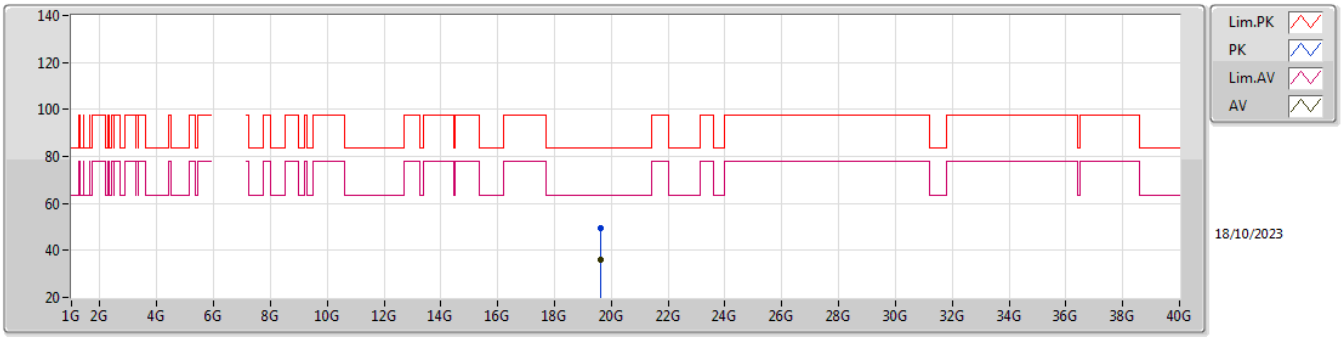


EUT Y_2TX
Setting -2(0/2000)
03-C-P-5

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	19.64319G	49.50	83.54	-34.04	43.35	1	Vertical	220	1.50	-	38.06	19.63	51.54
AV	19.6431G	35.71	63.54	-27.83	29.56	1	Vertical	220	1.50	-	38.06	19.63	51.54

6.525-6.875GHz_QPSK40_40MHz_Nss1_2TX

6545MHz_TX

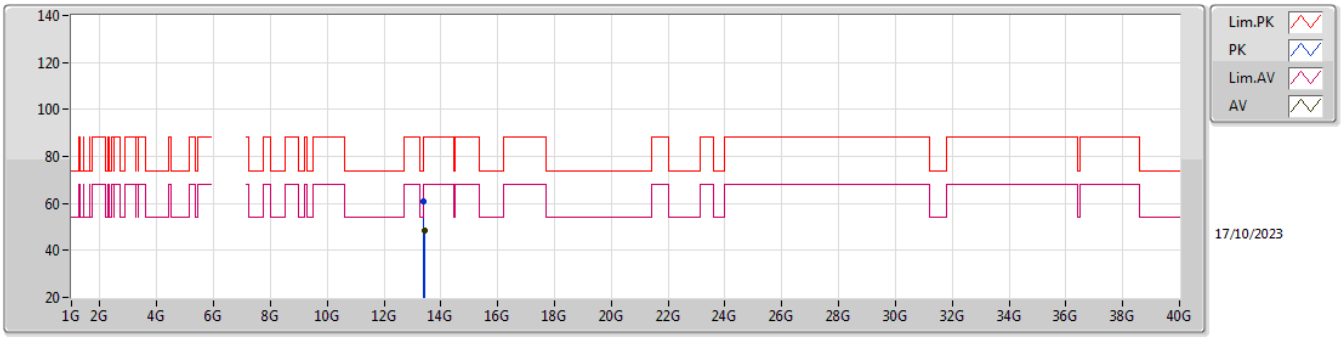


EUT Y_2TX
Setting -2(0/2000)
03-C-P-5

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	19.63311G	49.33	83.54	-34.21	43.23	1	Horizontal	111	1.50	-	38.00	19.63	51.53
AV	19.62G	35.88	63.54	-27.66	29.86	1	Horizontal	111	1.50	-	37.92	19.62	51.52

6.525-6.875GHz_QPSK40_40MHz_Nss1_2TX

6700MHz_TX

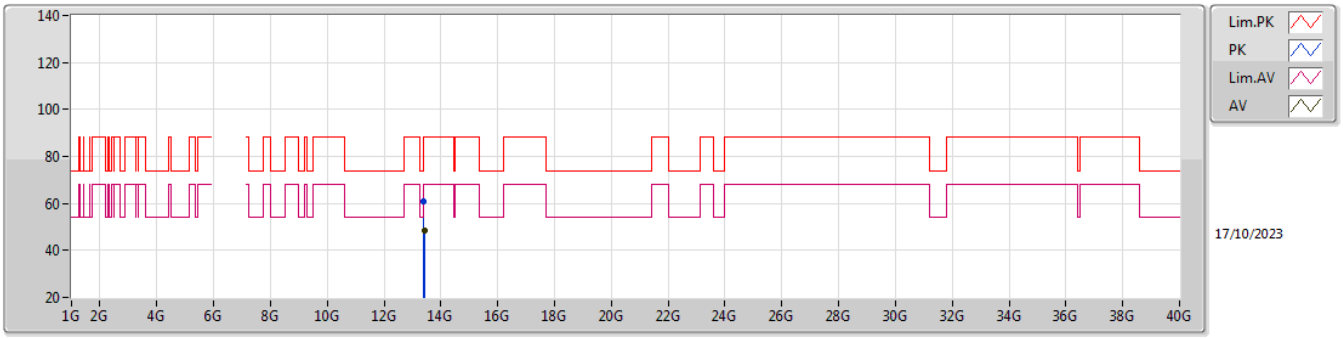


EUT Y_2TX
Setting -2(0/2000)
03-C-P-5

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	13.40586G	60.82	88.20	-27.38	46.47	3	Vertical	48	2.99	-	40.22	16.87	42.74
RMS	13.41353G	48.49	68.20	-19.71	34.11	3	Vertical	48	2.99	-	40.24	16.88	42.74

6.525-6.875GHz_QPSK40_40MHz_Nss1_2TX

6700MHz_TX

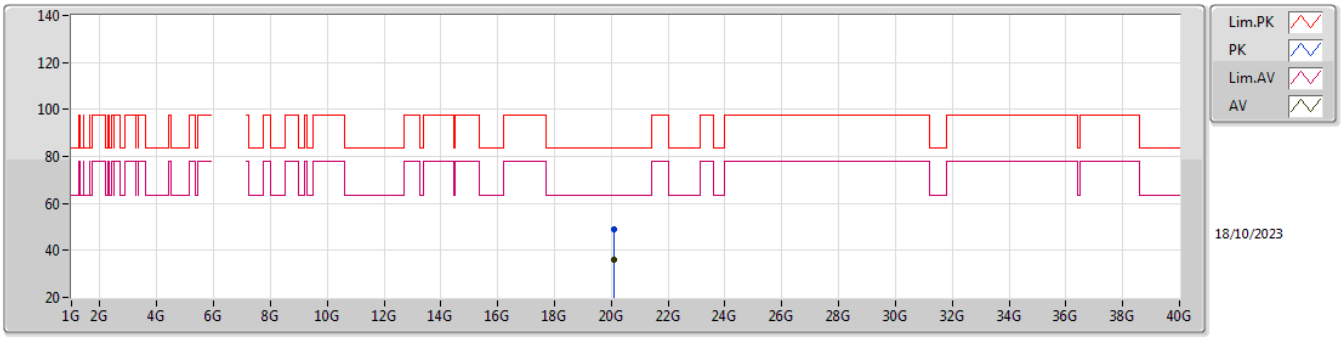


EUT Y_2TX
Setting -2(0/2000)
03-C-P-5

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	13.40312G	60.89	88.20	-27.31	46.56	3	Horizontal	331	1.14	-	40.21	16.86	42.74
RMS	13.41236G	48.62	68.20	-19.58	34.24	3	Horizontal	331	1.14	-	40.24	16.88	42.74

6.525-6.875GHz_QPSK40_40MHz_Nss1_2TX

6700MHz_TX

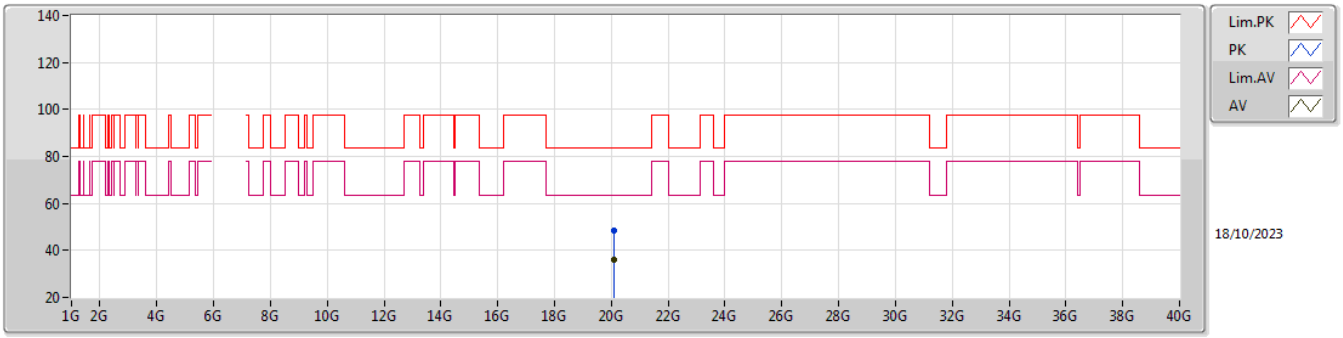


EUT Y_2TX
Setting -2(0/2000)
03-C-P-5

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	20.11215G	48.87	83.54	-34.67	43.09	1	Vertical	341	1.50	-	37.83	19.87	51.92
AV	20.11182G	35.84	63.54	-27.70	30.06	1	Vertical	341	1.50	-	37.83	19.87	51.92

6.525-6.875GHz_QPSK40_40MHz_Nss1_2TX

6700MHz_TX

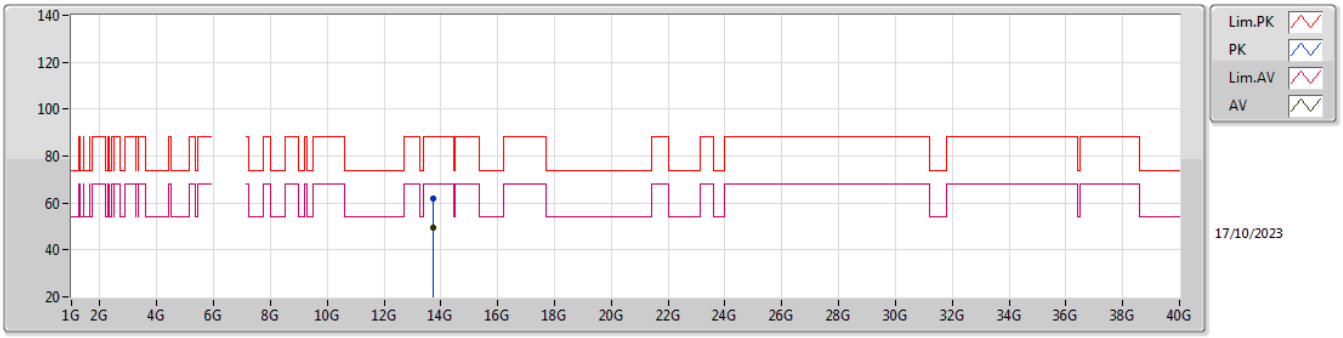


EUT Y_2TX
Setting -2(0/2000)
03-C-P-5

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	20.08659G	48.65	83.54	-34.89	42.85	1	Horizontal	70	1.50	-	37.85	19.87	51.92
AV	20.09667G	35.81	63.54	-27.73	29.97	1	Horizontal	70	1.50	-	37.89	19.87	51.92

6.525-6.875GHz_QPSK40_40MHz_Nss1_2TX

6855MHz_TX

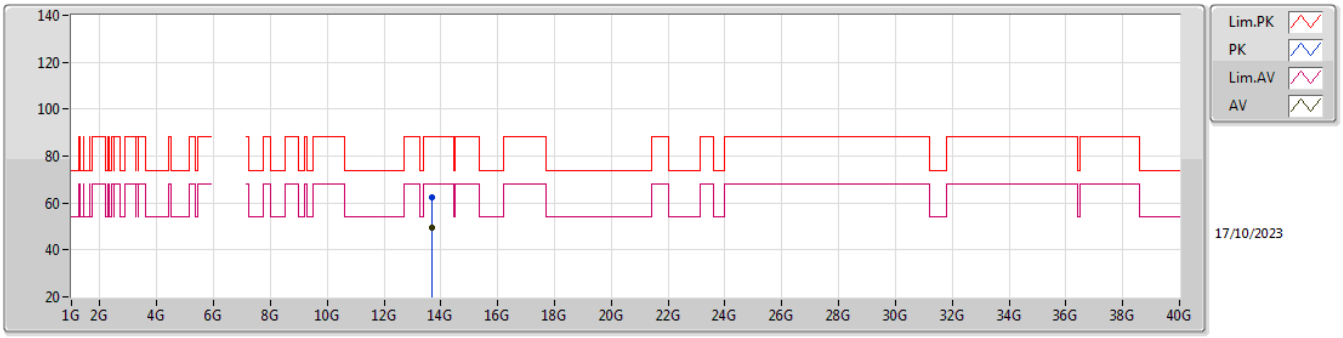


EUT Y_2TX
Setting -2(0/2000)
03-C-P-5

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	13.7133G	61.98	88.20	-26.22	46.43	3	Vertical	312	2.15	-	40.61	17.57	42.63
RMS	13.71279G	49.66	68.20	-18.54	34.11	3	Vertical	312	2.15	-	40.61	17.57	42.63

6.525-6.875GHz_QPSK40_40MHz_Nss1_2TX

6855MHz_TX

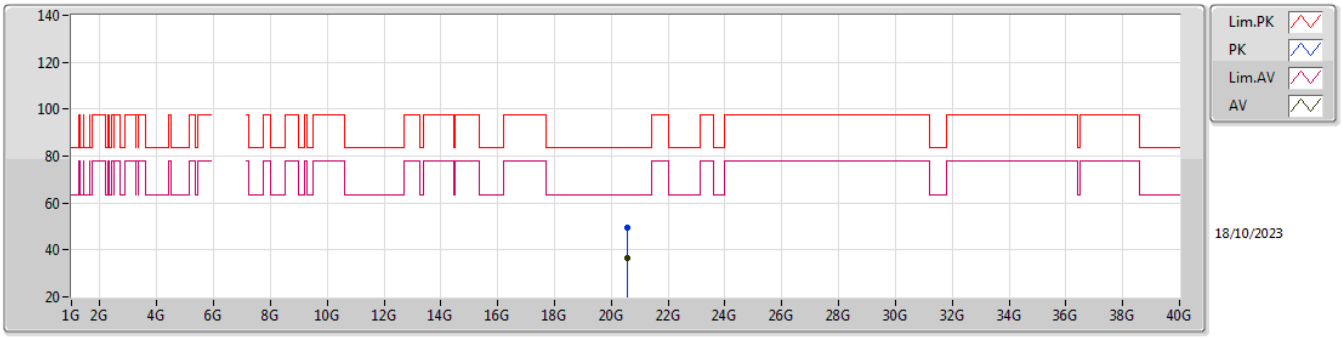


EUT Y_2TX
Setting -2(0/2000)
03-C-P-5

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	13.69896G	62.18	88.20	-26.02	46.68	3	Horizontal	138	2.17	-	40.60	17.54	42.64
RMS	13.70748G	49.60	68.20	-18.60	34.07	3	Horizontal	138	2.17	-	40.61	17.56	42.64

6.525-6.875GHz_QPSK40_40MHz_Nss1_2TX

6855MHz_TX

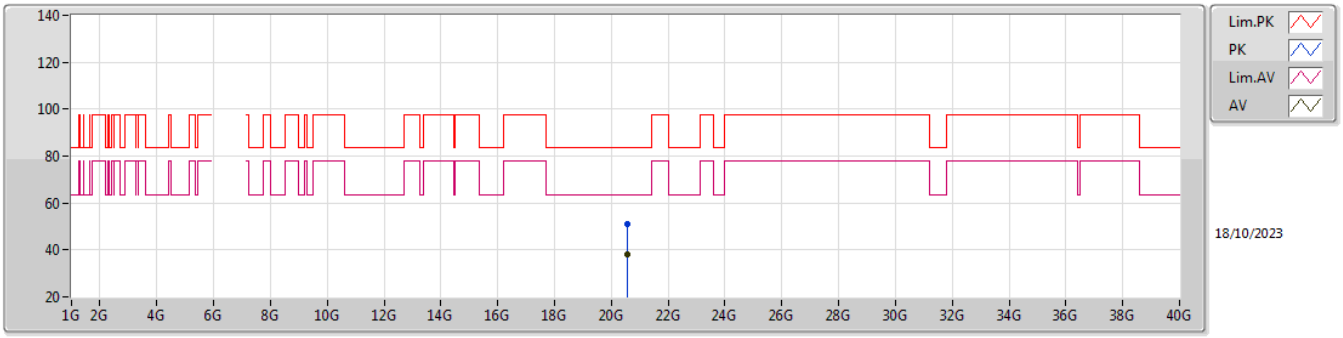


EUT Y_2TX
Setting -2(0/2000)
03-C-P-5

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	20.55492G	49.44	83.54	-34.10	43.71	1	Vertical	318	1.62	-	37.91	19.83	52.01
AV	20.57604G	36.71	63.54	-26.83	30.95	1	Vertical	318	1.62	-	37.95	19.83	52.02

6.525-6.875GHz_QPSK40_40MHz_Nss1_2TX

6855MHz_TX



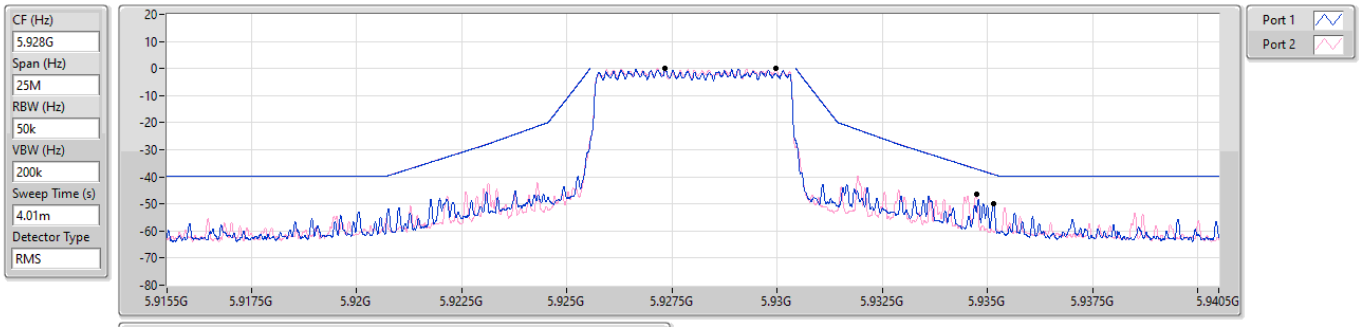
EUT Y_2TX
Setting -2(0/2000)
03-C-P-5

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	20.5791G	51.25	83.54	-32.29	45.48	1	Horizontal	319	1.50	-	37.96	19.83	52.02
AV	20.57079G	38.20	63.54	-25.34	32.44	1	Horizontal	319	1.50	-	37.94	19.83	52.01

5.925-6.425GHz_QPSK5_5MHz_Nss1_2TX **MASK**

5928MHz_TX

16/11/2023

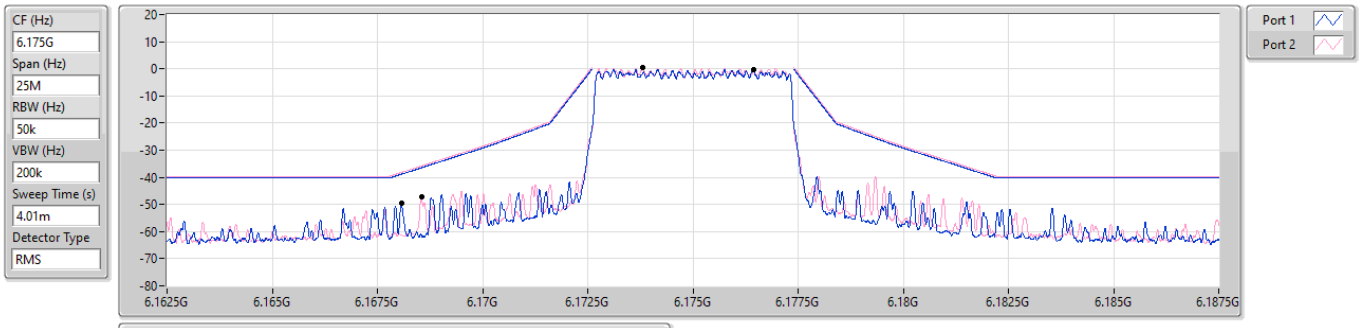


Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
5.927344G	0.10	5.935144G	-49.92	-39.11	-10.81	1
5.929975G	0.12	5.934738G	-46.40	-37.02	-9.38	2

5.925-6.425GHz_QPSK5_5MHz_Nss1_2TX **MASK**

6175MHz_TX

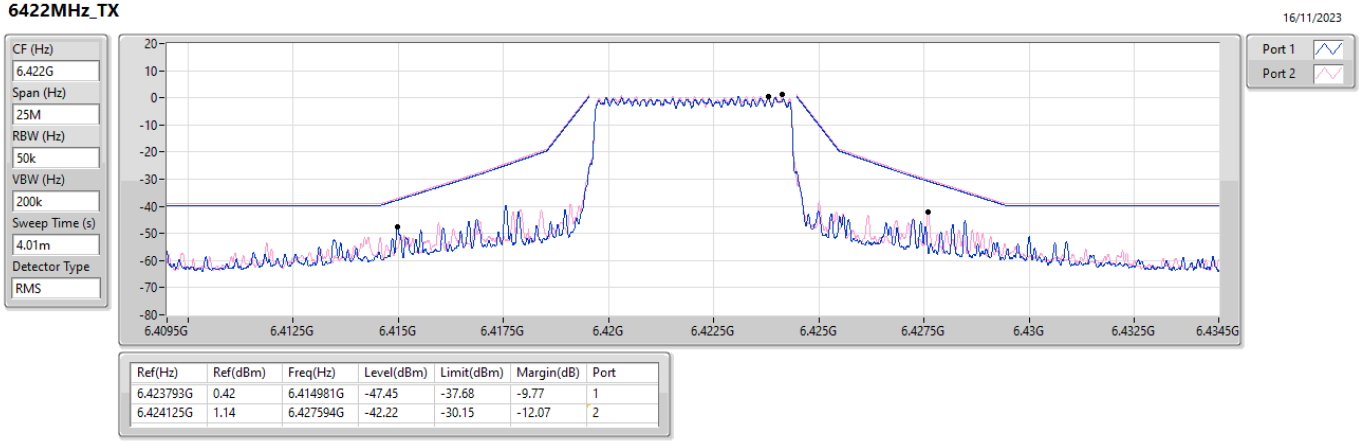
16/11/2023



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.176437G	-0.28	6.168069G	-49.46	-38.86	-10.60	1
6.173813G	0.37	6.168544G	-47.35	-35.84	-11.51	2

5.925-6.425GHz_QPSK5_5MHz_Nss1_2TX **MASK**

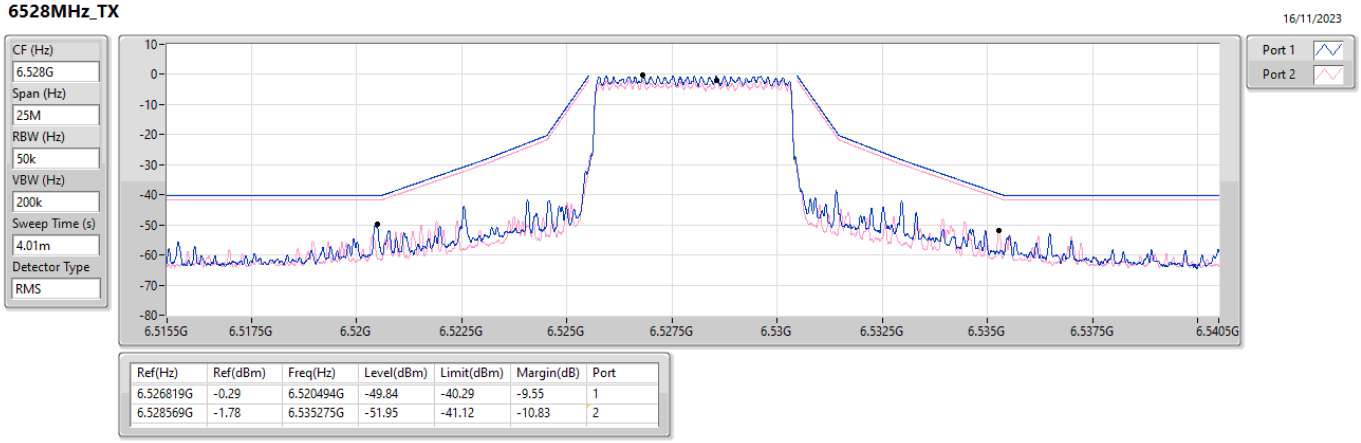
6422MHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.423793G	0.42	6.414981G	-47.45	-37.68	-9.77	1
6.424125G	1.14	6.427594G	-42.22	-30.15	-12.07	2

6.525-6.875GHz_QPSK5_5MHz_Nss1_2TX **MASK**

6528MHz_TX

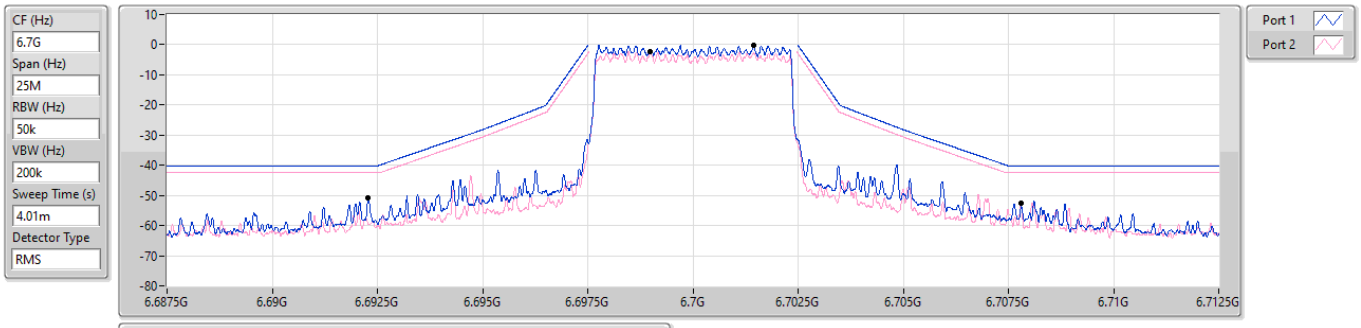


Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.526819G	-0.29	6.520494G	-49.84	-40.29	-9.55	1
6.528569G	-1.78	6.535275G	-51.95	-41.12	-10.83	2

6.525-6.875GHz_QPSK5_5MHz_Nss1_2TX **MASK**

6700MHz_TX

16/11/2023

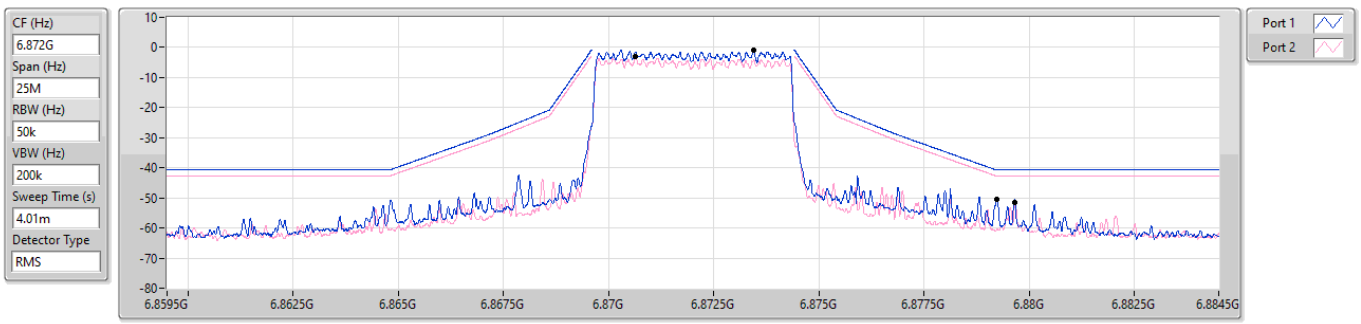


Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.701443G	-0.21	6.692281G	-50.73	-40.21	-10.52	1
6.698988G	-2.33	6.7078G	-52.51	-42.33	-10.18	2

6.525-6.875GHz_QPSK5_5MHz_Nss1_2TX **MASK**

6872MHz_TX

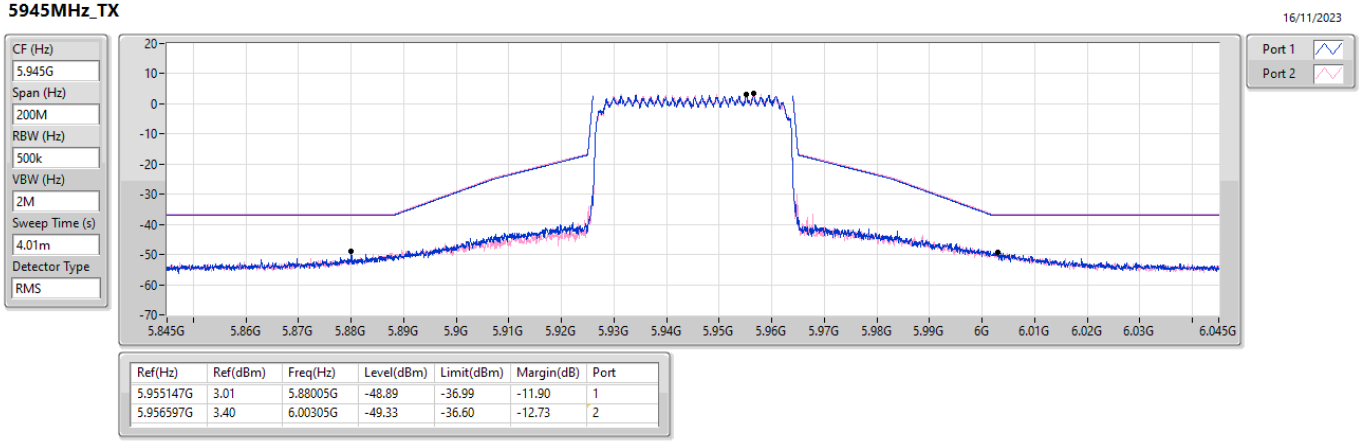
16/11/2023



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.873443G	-0.76	6.879231G	-50.54	-40.76	-9.78	1
6.870632G	-2.90	6.879663G	-51.52	-42.90	-8.62	2

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX **MASK**

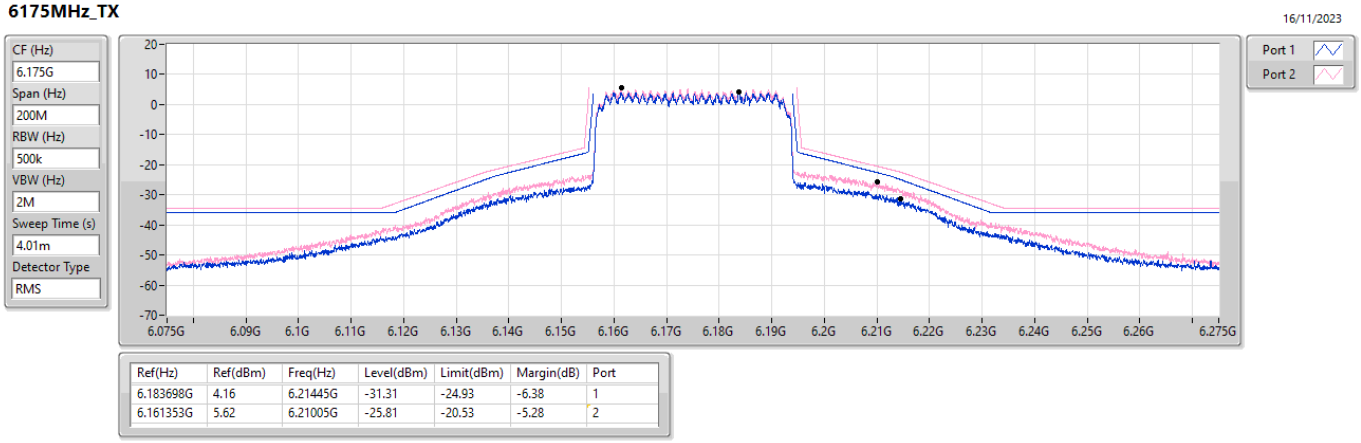
5945MHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
5.955147G	3.01	5.88005G	-48.89	-36.99	-11.90	1
5.956597G	3.40	6.00305G	-49.33	-36.60	-12.73	2

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX **MASK**

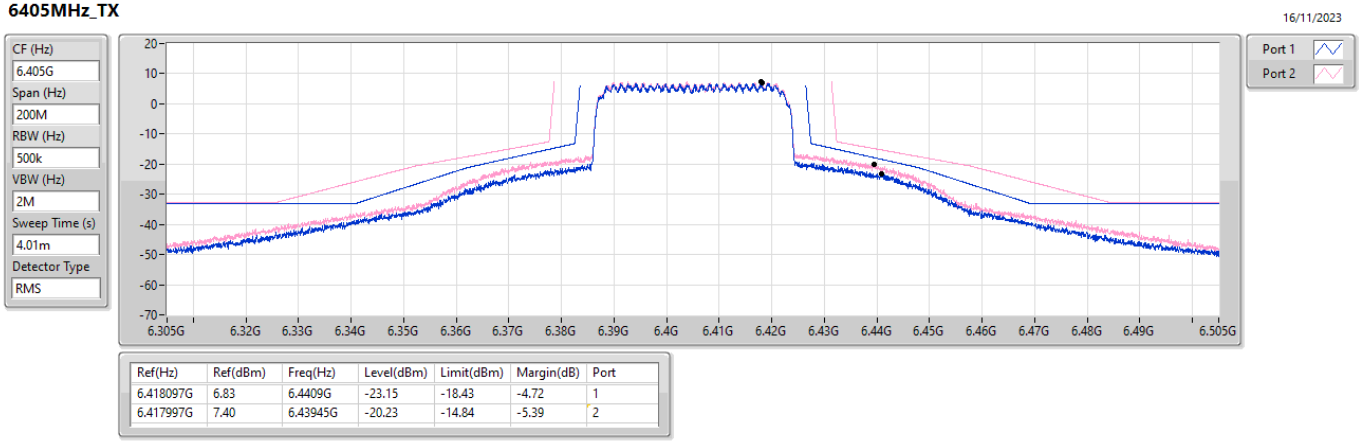
6175MHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.183698G	4.16	6.21445G	-31.31	-24.93	-6.38	1
6.161353G	5.62	6.21005G	-25.81	-20.53	-5.28	2

5.925-6.425GHz_QPSK40_40MHz_Nss1_2TX **MASK**

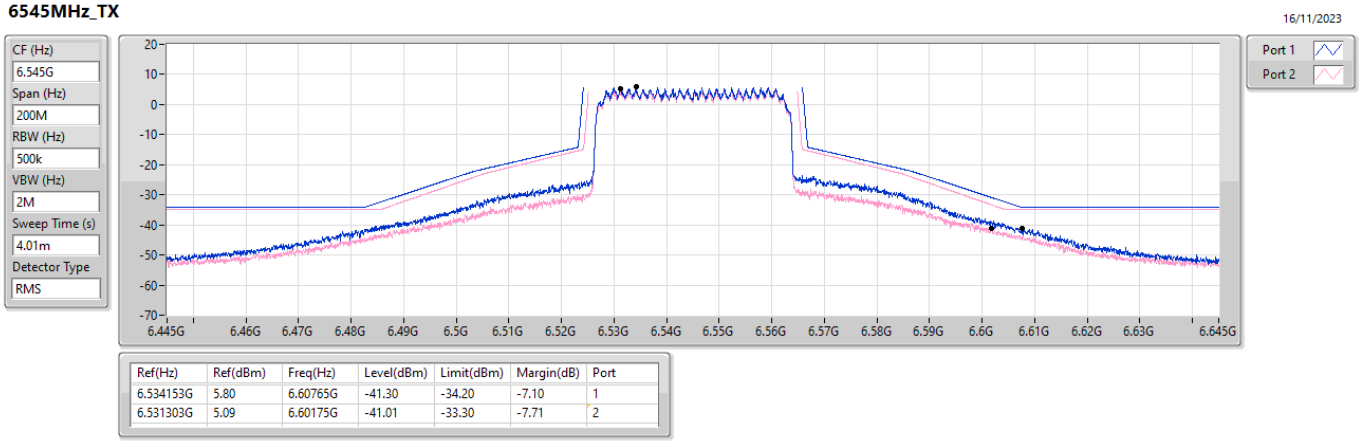
6405MHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.418097G	6.83	6.4409G	-23.15	-18.43	-4.72	1
6.417997G	7.40	6.43945G	-20.23	-14.84	-5.39	2

6.525-6.875GHz_QPSK40_40MHz_Nss1_2TX **MASK**

6545MHz_TX

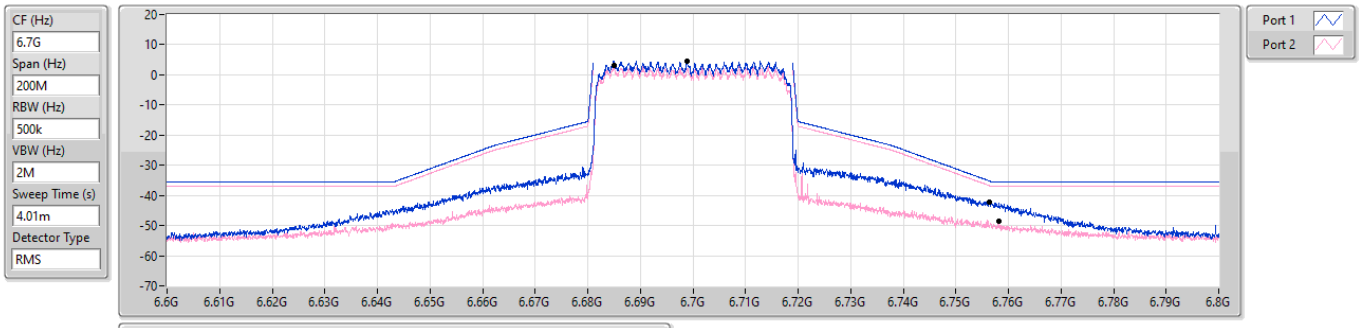


Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.534153G	5.80	6.60765G	-41.30	-34.20	-7.10	1
6.531303G	5.09	6.60175G	-41.01	-33.30	-7.71	2

6.525-6.875GHz_QPSK40_40MHz_Nss1_2TX **MASK**

6700MHz_TX

16/11/2023

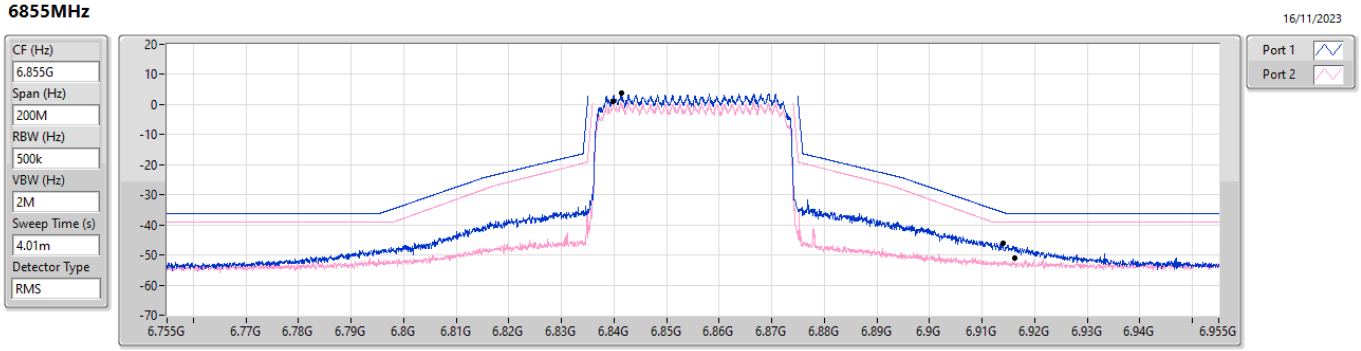


Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.6989G	4.54	6.75635G	-42.14	-35.20	-6.94	1
6.685004G	3.01	6.7581G	-48.63	-36.99	-11.64	2

6.525-6.875GHz_QPSK40_40MHz_Nss1_2TX **MASK**

6855MHz

16/11/2023



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.841353G	3.67	6.9139G	-45.96	-35.83	-10.13	1
6.839904G	0.86	6.91625G	-51.08	-39.14	-11.94	2