RADIO TEST REPORT

FCC ID	:	NKR-SWA51
Equipment	:	Wireless Audio Module
Brand Name	:	WNC
Model Name	:	SWA51
Applicant	:	Wistron NeWeb Corporation 20 Park Avenue II, Hsinchu Science Park, Hsinchu 308 Taiwan
Manufacturer	:	Wistron NeWeb Corporation 20 Park Avenue II, Hsinchu Science Park, Hsinchu 308 Taiwan
Standard	:	47 CFR FCC Part 15.407

The product was received on Aug. 18, 2021, and testing was started from Sep. 04, 2021 and completed on Oct. 29, 2021. 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.)

Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FR882140-01	01	Initial issue of report	Nov. 09, 2021

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	15.407(a)	Emission Bandwidth	PASS	-
3.2	15.407(a)	Maximum Output Power	PASS	-
3.3	15.407(a)	Power Spectral Density	PASS	-
3.4	15.407(b)	Unwanted Emissions	PASS	-

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen

Report Producer: Jessie Wei

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	Mode	Bandwidth	Frequency Spacing (MHz)	Ch. Frequency (MHz)	Channel Number
5150-5250	pi/4-DQPSK	2MHz	2	5157.35-5247.35	3-48 [46]
		4MHz		5162.35-5246.35	5-47 [43]
5725-5850		2MHz	2	5726.35-5848.35	0-61 [62]
		4MHz		5729.35-5847.35	1-60 [60]
5850-5895		2MHz	2	5850.35-5874.35	62-74 [13]
		4MHz		5849.35-5875.35	61-74 [14]

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	pi/4-DQPSK,2M	2	1TX
5.15-5.25GHz	pi/4-DQPSK,4M	4	1TX
5.725-5.85GHz	pi/4-DQPSK,2M	2	1TX
5.725-5.85GHz	pi/4-DQPSK,4M	4	1TX
5.85-5.895GHz	pi/4-DQPSK,2M	2	1TX
5.85-5.895GHz	pi/4-DQPSK,4M	4	1TX

Note:
- Use pi/4-DQPSK modulation.
- BWch is the nominal channel bandwidth.
- Nss-Min is the minimum number of spatial streams.

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)		
						UNII 1	UNII 3	UNII 4
1	1	WNC	SWA51	Printed Ant.	N/A	4.10	3.39	3.38
2	2	WNC	SWA51	Printed Ant.	N/A	2.17	3.50	2.90

Note: The above information was declared by manufacturer.
The EUT supports the antenna with TX and RX diversity functions.
Both Port 1 (Ant. 1) and Port 2 (Ant. 2) support transmit and receive functions, but only one of them will be used at one time.
The Port 1(Ant. 1) generated the worst case in UNII 1 and UNII 4, and the Port 2(Ant. 2) generated the worst case in UNII 3, so they were selected to test and record in the report.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
pi/4-DQPSK	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)

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

1.1.4 EUT Operational Condition

EUT Power Type	From power adapter			
Beamforming Function	☐	With beamforming	☒	Without beamforming
Function	☐	Outdoor P2M	☐	Indoor P2M
	☐	Fixed P2P	☒	Client
Device Type (UNII 4)	☐	Indoor Access Point	☐	Subordinate
	☒	Indoor Client		
Test Software Version	AvServer v2.3、VMXUI v2.3			

Note: The above information was declared by manufacturer.

1.1.5 Table for EUT type information

EUT Type	Module	Firmware	Description
EUT 1	TX	3.152.15	The variation of EUT is for different firmware.
EUT 2	RX	3.152.1	

Note1: From the above models, EUT 1 was selected as representative model for the test and its data was recorded in this report.
Note2: 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: FR882140

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

Modifications	Performance Checking
1. Changing operating frequency to “5157.35~5247.35 MHz, 5726.35~5848.35 MHz” from “5161.35~5245.35 MHz, 5736.35~5820.35 MHz” for Bandwidth 2MHz of UNII 1, UNII 3. 2. Changing operating frequency to “5162.35~5246.35 MHz, 5729.35~5847.35 MHz” from “5161.35~5245.35 MHz, 5736.35~5820.35 MHz” for Bandwidth 4MHz of UNII 1, UNII 3. 3. Adding the UNII 4 Band.	1.Emission Bandwidth 2.Maximum Output Power 3.Power Spectral Density 4.Unwanted Emissions above 1GHz

1.2 Applicable Standards

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

- 47 CFR FCC Part 15
- ANSI C63.10-2013
- FCC KDB 789033 D02 v02r01

The following reference test guidance is not within the scope of accreditation of TAF.

- FCC KDB 662911 D01 v02r01
- FCC KDB 412172 D01 v01r01
- FCC KDB 291074 U-NII-4 - 5.9 Band DR01-44460_Draft

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	TH02-CB	Jay Lo	22.5~24.2 / 53~56	Sep. 04, 2021~ Oct. 29, 2021
Radiated	03CH01-CB	RJ Huang	23.5~24.6 / 55~59	Sep. 27, 2021~ Sep. 28, 2021

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
Radiated Emission (1GHz ~ 18GHz)	4.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	2.5 dB	Confidence levels of 95%
Output Power Measurement	1.3 dB	Confidence levels of 95%
Power Density Measurement	2.5 dB	Confidence levels of 95%
Bandwidth Measurement	0.9%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

UNII 1 Mode
pi/4-DQPSK,2M
5157.35MHz
5201.35MHz
5247.35MHz
pi/4-DQPSK,4M
5162.35MHz
5204.35MHz
5246.35MHz
UNII 3 Mode
pi/4-DQPSK,2M
5726.35MHz
5786.35MHz
5848.35MHz
pi/4-DQPSK,4M
5729.35MHz
5787.35MHz
5847.35MHz
UNII 4 Mode
pi/4-DQPSK,2M
5850.35MHz
5862.35MHz
5874.35MHz
pi/4-DQPSK,4M
5849.35MHz
5861.35MHz
5875.35MHz

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Output Power Power Spectral Density
Test Condition	Conducted measurement at transmit chains
1	EUT 1 + 2MHz Bandwidth
2	EUT 1 + 4MHz Bandwidth

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode > 1GHz	CTX
The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found at Z axis. So the measurement will follow this same test configuration.	
1	EUT 1 in Z axis + 2MHz Bandwidth
2	EUT 1 in Z axis + 4MHz Bandwidth

Note: The Adapter below is for measurement only, would not be marketed.
The Adapter information as below:

Support Unit	Brand	Model Number
Adapter	OEM	ADS10-W050200

2.3 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

2.4 Accessories

N/A

2.5 Support Equipment

For Radiated:

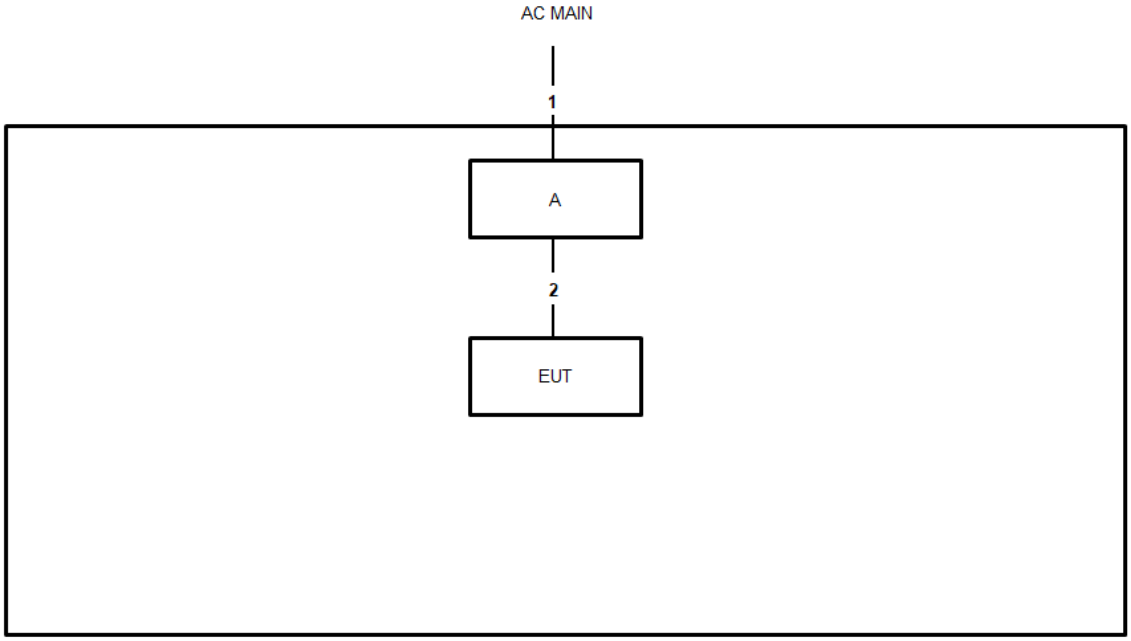
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Fixture	WNC	48SWA524.SGB	N/A
B	Adapter	OEM	ADS10-W50200	N/A

For RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	Fixture	WNC	48SWA524.SGB	N/A
C	Adapter	OEM	ADS10-W05020	N/A

2.6 Test Setup Diagram

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	Console cable	No	0.1m

3 Transmitter Test Result

3.1 Emission Bandwidth

3.1.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band, N/A
☐	For the 5.25-5.35 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☐	For the 5.47-5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz.
☒	For the 5.85-5.895 GHz band, 6 dB emission bandwidth ≥ 500kHz.
LE-LAN Devices	
☐	For the band 5.15-5.25 GHz, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz.

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method		
▪	For the emission bandwidth shall be measured using one of the options below:	
	☒	Refer as FCC KDB 789033, 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.

3.1.4 Test Setup

Emission Bandwidth
 Spectrum Analyzer — EUT

3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A

3.2 Maximum Output Power

3.2.1 Limit

Maximum Output Power Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
	▪ Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6). e.i.r.p. at any elevation angle above 30 degrees ≤ 125mW [21dBm]
	▪ Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6)
	▪ Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W If G_{TX} > 23 dBi, then P_{Out} = 30 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☐	For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☐	For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☒	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
Maximum EIRP Limit	
☒	For the 5.85-5.895 GHz band:
	▪ Indoor AP & subordinate device < 36 dBm
	▪ Client device < 30 dBm
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the

	lesser of 1 W.
P_{Out} = maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
▪ Maximum Conducted Output Power	
	Average over on/off periods with duty factor
	☐ Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
	☐ Refer as FCC KDB 789033, 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, 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]) $EIRP_{total} = P_{total} + DG$

3.2.4 Test Setup

RF Output Power (Power Meter)


3.2.5 Test Result of Maximum Output Power

Refer as Appendix B

3.3 Power Spectral Density

3.3.1 Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
	▪ Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 23 dBi, then P_{Out} = 17 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6)..
☐	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☐	For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☒	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
EIRP Power Spectral Density Limit	
☒	For the 5.85-5.895 GHz band:
	▪ Indoor AP & subordinate device < 20dBm/MHz
	▪ Client device < 14dBm/MHz
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz.
☐	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
	▪ e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where θ is the angle above the local horizontal plane (of the Earth) as shown below: -13 dBW/MHz for 0° ≤ θ < 8° ; -13 − 0.716 (θ-8) dBW/MHz for 8° ≤ θ < 40° -35.9 − 1.22 (θ-40) dBW/MHz for 40° ≤ θ ≤ 45° ; -42 dBW/MHz for θ > 45°
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output	

power shall be used to determine the power spectral density. And power spectral density in dBm/MHz
G_{TX} = the maximum transmitting antenna directional gain in dBi.

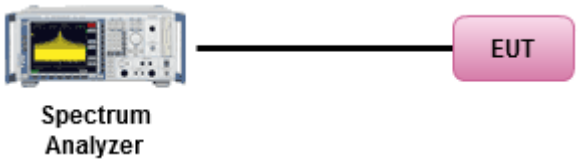
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method		
▪ 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, 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, clause E Method SA-1 (spectral trace averaging).	
	☐ Refer as FCC KDB 789033, 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, clause E Method SA-2 (spectral trace averaging).	
	☐ Refer as FCC KDB 789033, 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]) $EIRP_{total} = PPSD_{total} + DG$

3.3.4 Test Setup

Power Spectral Density


3.3.5 Test Result of Power Spectral Density

Refer as Appendix C

3.4 Unwanted Emissions

3.4.1 Transmitter Unwanted Emissions Limit

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

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

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

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.

Un-restricted band emissions above 1GHz Limit	
Operating Band	**Limit**
☒ 5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☐ 5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☐ 5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.725 - 5.85 GHz	all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
☒ 5.85 - 5.895 GHz	(i) For an indoor access point or subordinate device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of 15 dBm/MHz and shall decrease linearly to an e.i.r.p. of - 7 dBm/MHz at or above 5.925 GHz. (ii) For a client device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of -5 dBm/MHz and shall decrease linearly to an e.i.r.p. of -27 dBm/MHz at or above 5.925 GHz. (iii) For a client device or indoor access point or subordinate device, all emissions below 5.725 GHz shall not exceed an e.i.r.p. of -27 dBm/MHz at 5.65 GHz increasing linearly to 10 dBm/ MHz at 5.7 GHz, and from 5.7 GHz increasing linearly to a level of 15.6 dBm/MHz at 5.72 GHz, and from 5.72 GHz increasing linearly to a level of 27 dBm/MHz at 5.725 GHz.
Note 1: Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	

3.4.2 Measuring Instruments

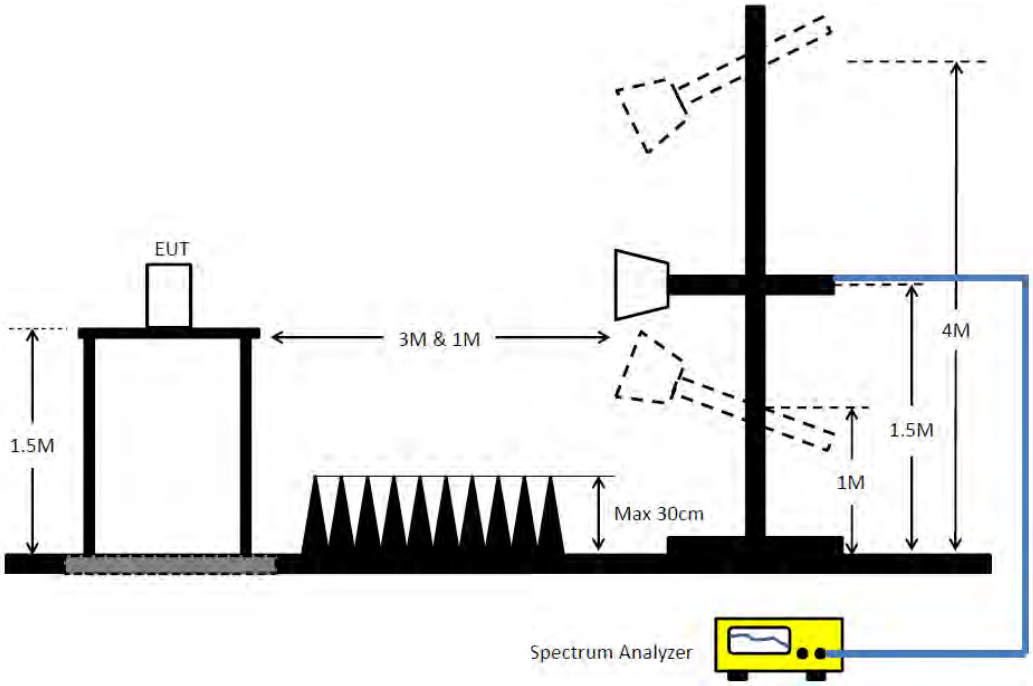
Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

Test Method		
▪ 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, clause G)2) for unwanted emissions into non-restricted bands.	
	▪ Refer as FCC KDB 789033, clause G)1) for unwanted emissions into restricted bands.	
		☐ Refer as FCC KDB 789033, G)6) Method AD (Trace Averaging).
		☒ Refer as FCC KDB 789033, 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.
		☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
		☒ Refer as FCC KDB 789033, clause G)5) measurement procedure peak limit.
		☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.
▪ 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.		

3.4.4 Test Setup

Transmitter Radiated Unwanted Emissions
Above 1GHz



3.4.5 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.

3.4.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 07, 2021	May 06, 2022	Radiation (03CH01-CB)
Horn Antenna	ETS-LINDGREN	3115	00075790	750MHz ~ 18GHz	Nov. 06, 2020	Nov. 05, 2021	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 20, 2021	May 19, 2022	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	May 03, 2021	May 02, 2022	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Aug. 02, 2021	Aug. 01, 2022	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1531343	300MHz~40GHz	Aug. 15, 2021	Aug. 14, 2022	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1728001	300MHz~40GHz	Aug. 15, 2021	Aug. 14, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH02-CB)

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

NCR means Non-Calibration required.

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
4-DQPSK,2M	4M	1.957M	1M96G7D	4M	1.949M
4-DQPSK,4M	7.596M	3.978M	3M98G7D	7.424M	3.914M

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

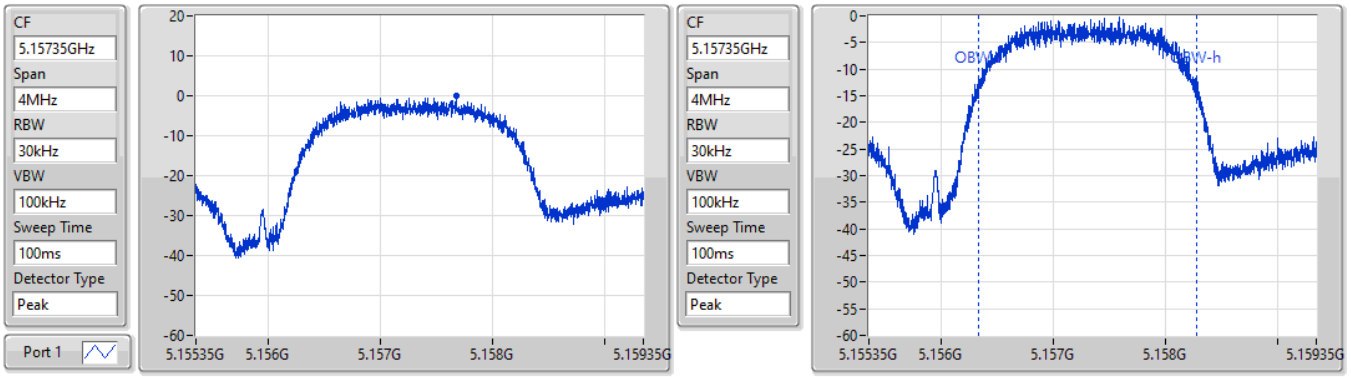
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
4-DQPSK,2M	-	-	-	-
5157.35MHz	Pass	Inf	4M	1.957M
5201.35MHz	Pass	Inf	4M	1.955M
5247.35MHz	Pass	Inf	4M	1.949M
4-DQPSK,4M	-	-	-	-
5162.35MHz	Pass	Inf	7.596M	3.938M
5204.35MHz	Pass	Inf	7.424M	3.914M
5246.35MHz	Pass	Inf	7.544M	3.978M

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

4-DQPSK **EBW**

5157.35MHz

04/09/2021

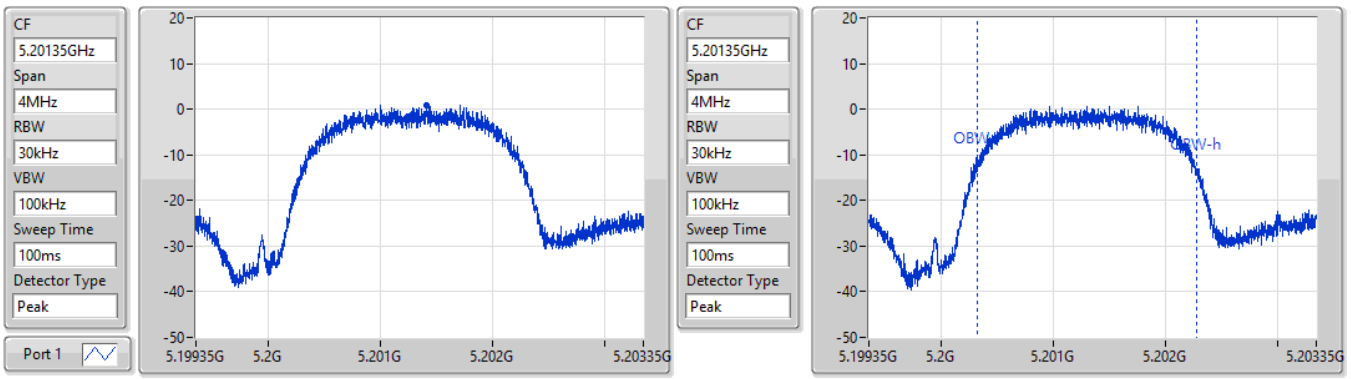


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4M	5.15535G	5.15935G	1.957M	5.156329G	5.158286G	Inf	1

4-DQPSK **EBW**

5201.35MHz

12/10/2021

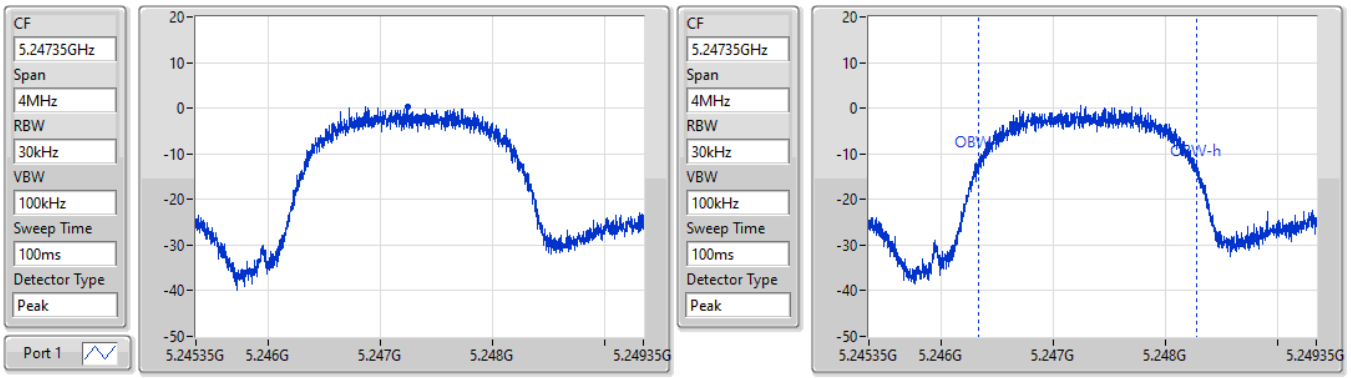


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4M	5.19935G	5.20335G	1.955M	5.200325G	5.20228G	Inf	1

4-DQPSK **EBW**

5247.35MHz

04/09/2021

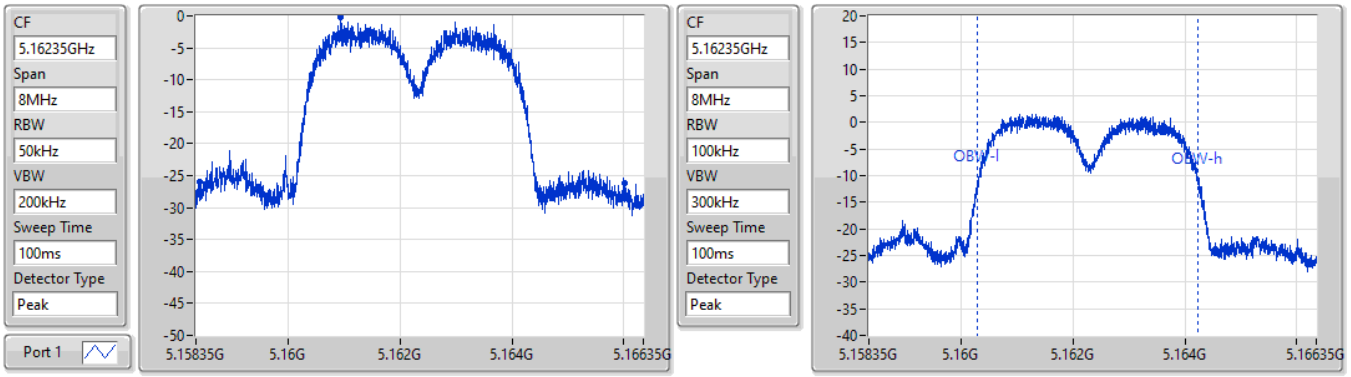


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4M	5.24535G	5.24935G	1.949M	5.246331G	5.24828G	Inf	1

4-DQPSK **EBW**

5162.35MHz

08/09/2021

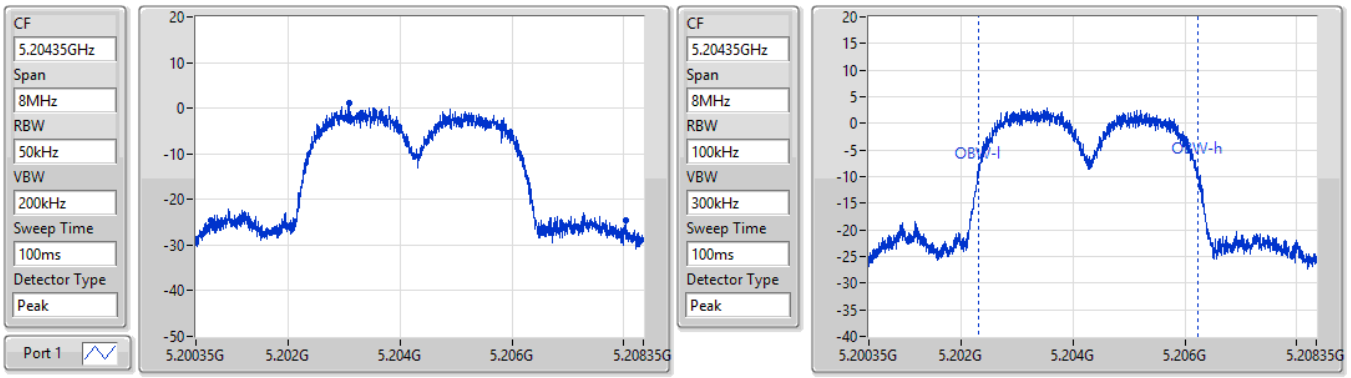


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.596M	5.158426G	5.166022G	3.938M	5.160299G	5.164237G	Inf	1

4-DQPSK **EBW**

5204.35MHz

12/10/2021

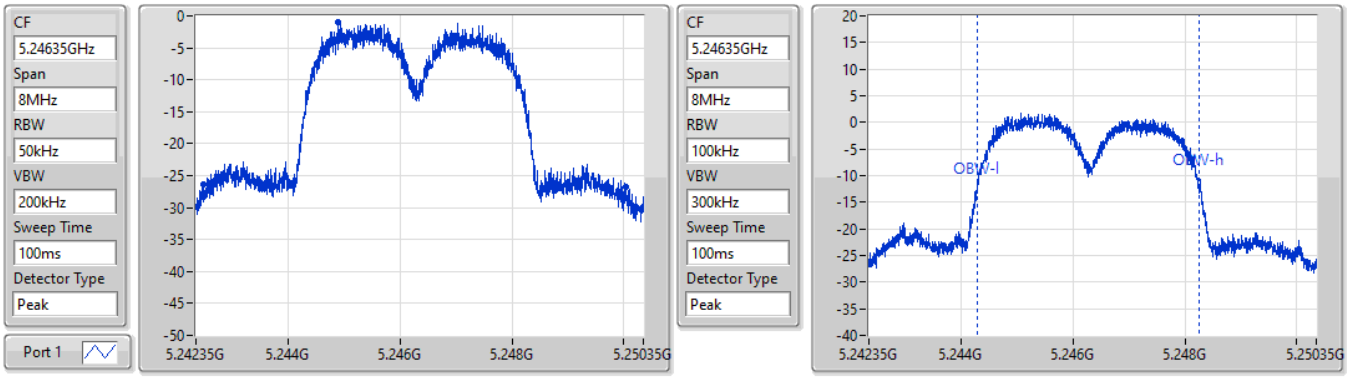


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.424M	5.200622G	5.208046G	3.914M	5.202311G	5.206225G	Inf	1

4-DQPSK **EBW**

5246.35MHz

08/09/2021



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.544M	5.242494G	5.250038G	3.978M	5.244279G	5.248257G	Inf	1

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.725-5.85GHz	-	-	-	-	-
4-DQPSK,2M	1.641M	2.012M	2M01G7D	1.584M	1.955M
4-DQPSK,4M	3.522M	4.96M	4M96G7D	3.438M	4.468M

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

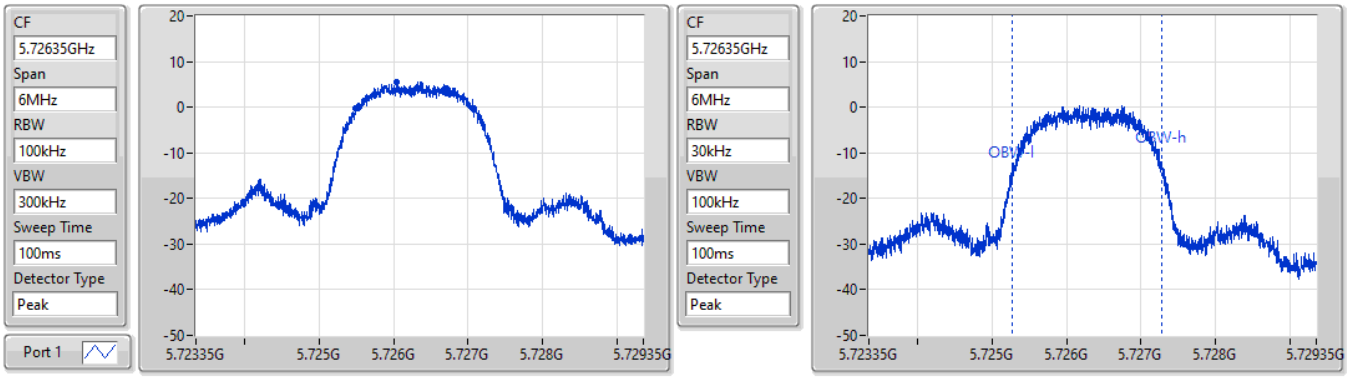
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
4-DQPSK,2M	-	-	-	-
5726.35MHz	Pass	500k	1.584M	2.012M
5786.35MHz	Pass	500k	1.641M	1.973M
5848.35MHz	Pass	500k	1.617M	1.955M
4-DQPSK,4M	-	-	-	-
5729.35MHz	Pass	500k	3.522M	4.96M
5787.35MHz	Pass	500k	3.45M	4.468M
5847.35MHz	Pass	500k	3.438M	4.504M

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

4-DQPSK EBW

5726.35MHz

04/09/2021

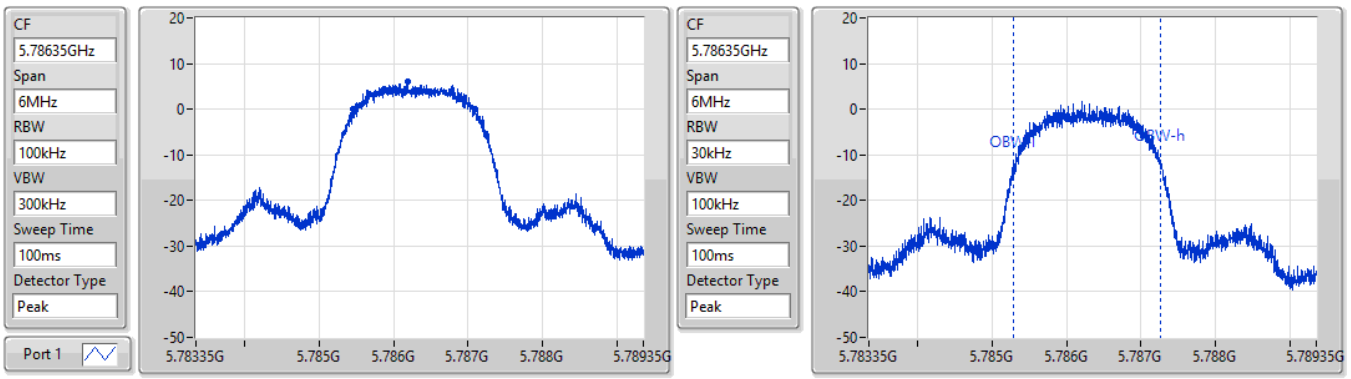


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.584M	5.725495G	5.727079G	2.012M	5.725271G	5.727283G	500k	1

4-DQPSK EBW

5786.35MHz

12/10/2021

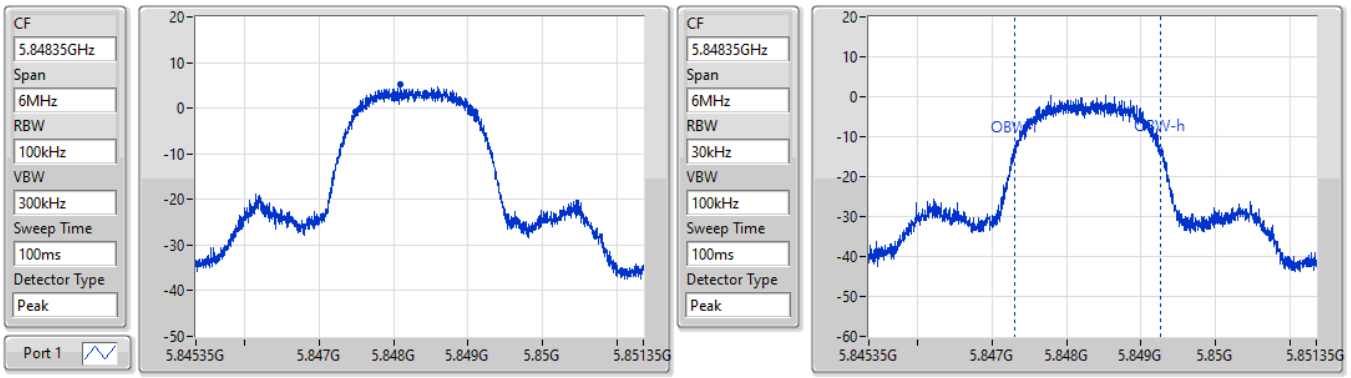


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.641M	5.78545G	5.787091G	1.973M	5.785295G	5.787268G	500k	1

4-DQPSK EBW

5848.35MHz

04/09/2021

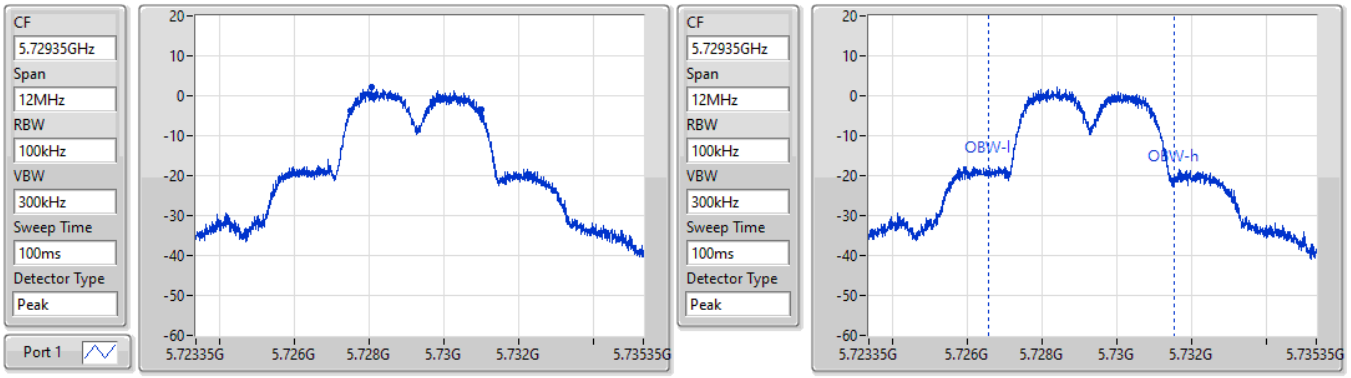


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.617M	5.847483G	5.8491G	1.955M	5.847313G	5.849268G	500k	1

4-DQPSK EBW

5729.35MHz

08/09/2021

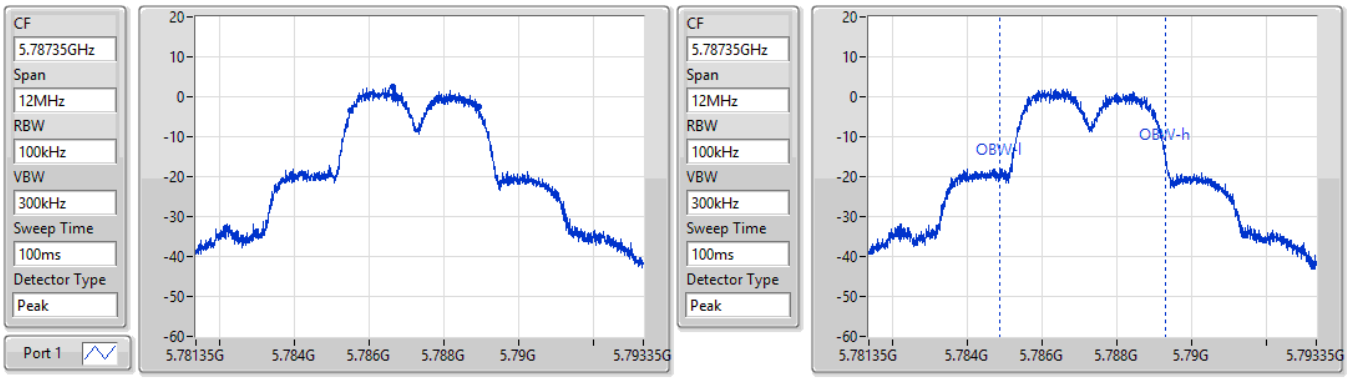


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.522M	5.727484G	5.731006G	4.96M	5.726573G	5.731533G	500k	1

4-DQPSK EBW

5787.35MHz

12/10/2021

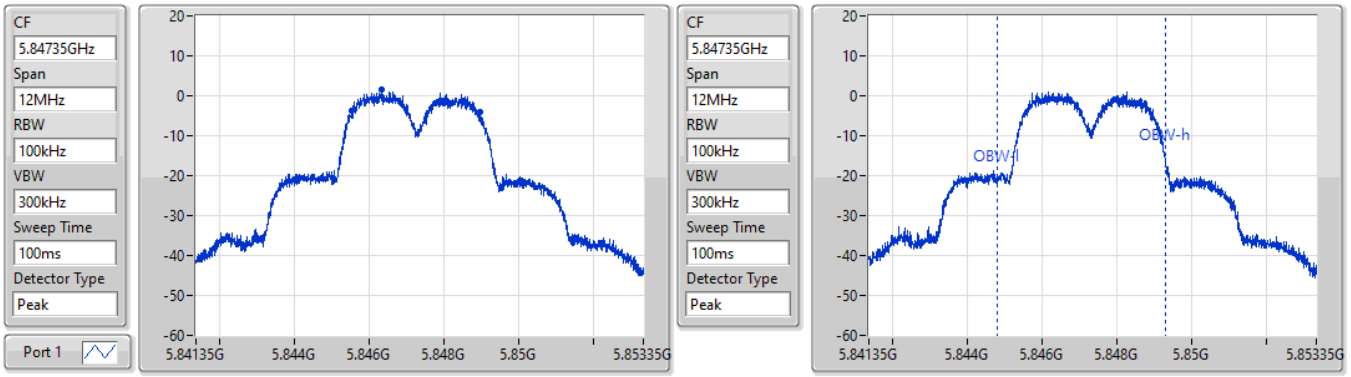


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.45M	5.785484G	5.788934G	4.468M	5.784843G	5.789311G	500k	1

4-DQPSK EBW

5847.35MHz

08/09/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.438M	5.845532G	5.84897G	4.504M	5.844801G	5.849305G	500k	1

Summary

Mode	Max-N dB (Hz)	ITU-Code	Min-N dB (Hz)
5.725-5.85GHz	-	-	-
4-DQPSK	4.35M	4M40G7D	2.49M
4-DQPSK	7.434M	7M43G7D	7.278M

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

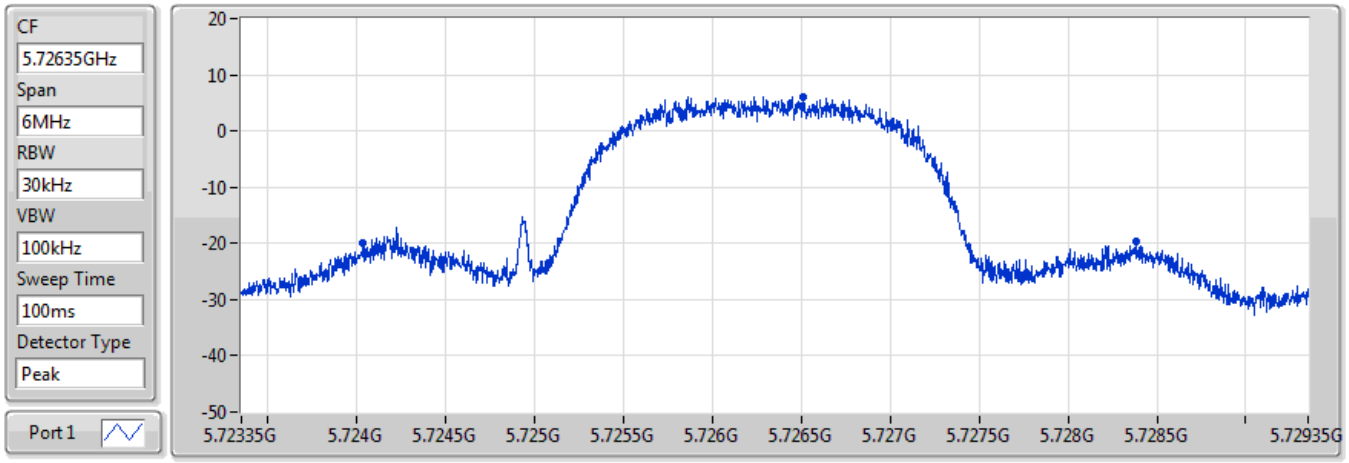
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)
4-DQPSK	-	-	-
5726.35MHz	Pass	Inf	4.35M
5786.35MHz	Pass	Inf	2.49M
5848.35MHz	Pass	Inf	2.505M
4-DQPSK	-	-	-
5729.35MHz	Pass	Inf	7.278M
5787.35MHz	Pass	Inf	7.368M
5847.35MHz	Pass	Inf	7.434M

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

4-DQPSK EBW

5726.35MHz

29/10/2021

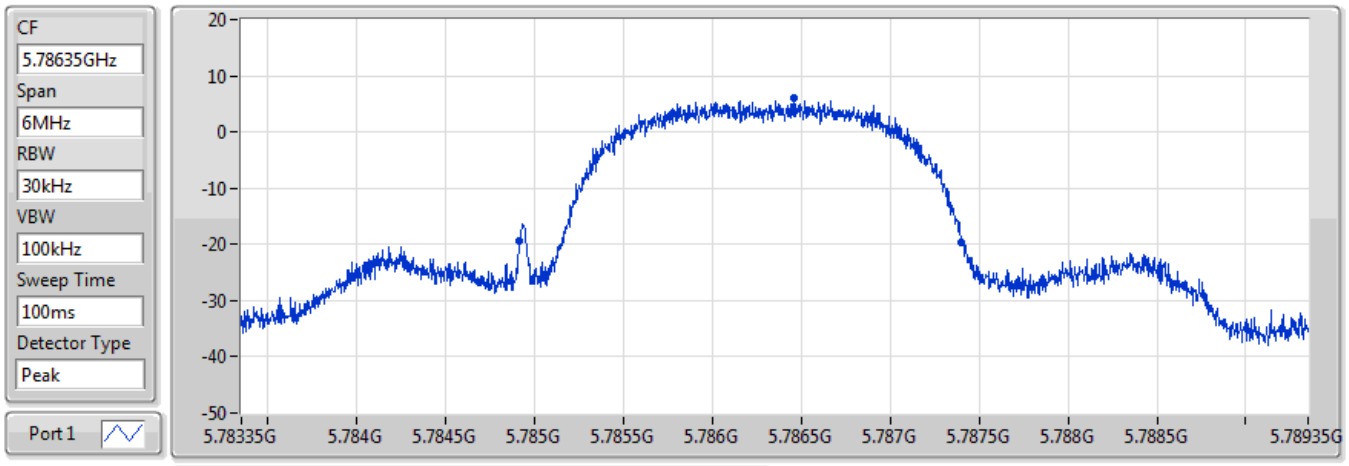


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
4.35M	5.724031G	5.728381G	Inf	1

4-DQPSK EBW

5786.35MHz

29/10/2021

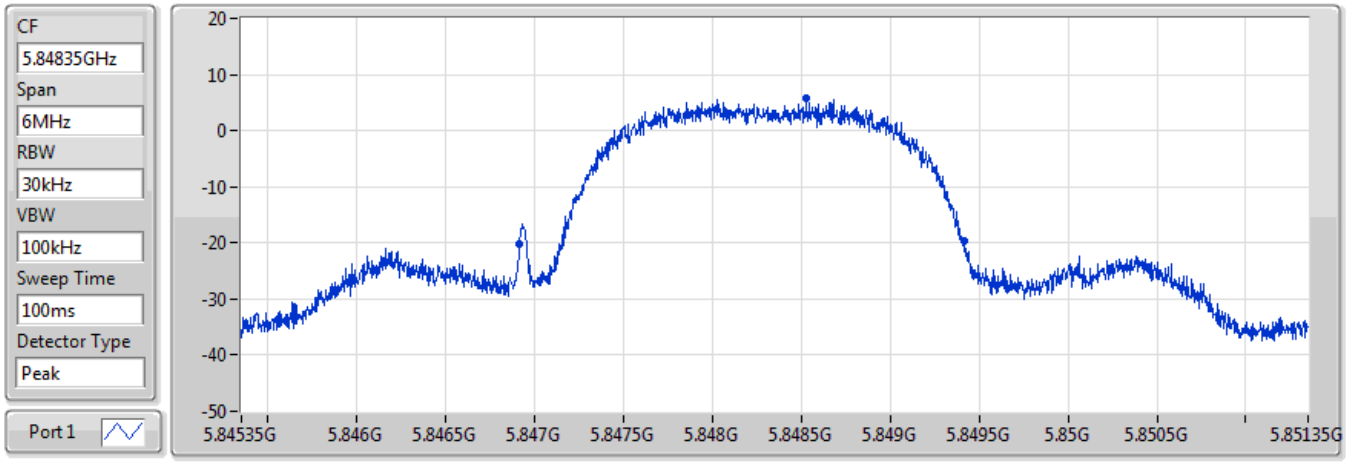


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
2.49M	5.784913G	5.787403G	Inf	1

4-DQPSK EBW

5848.35MHz

29/10/2021

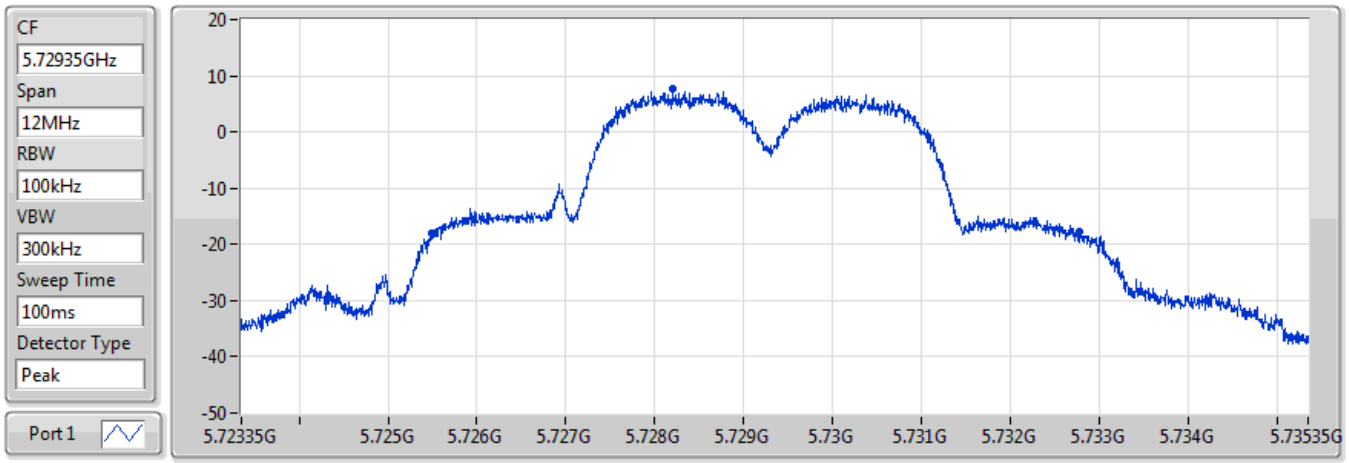


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
2.505M	5.846913G	5.849418G	Inf	1

4-DQPSK EBW

5729.35MHz

29/10/2021

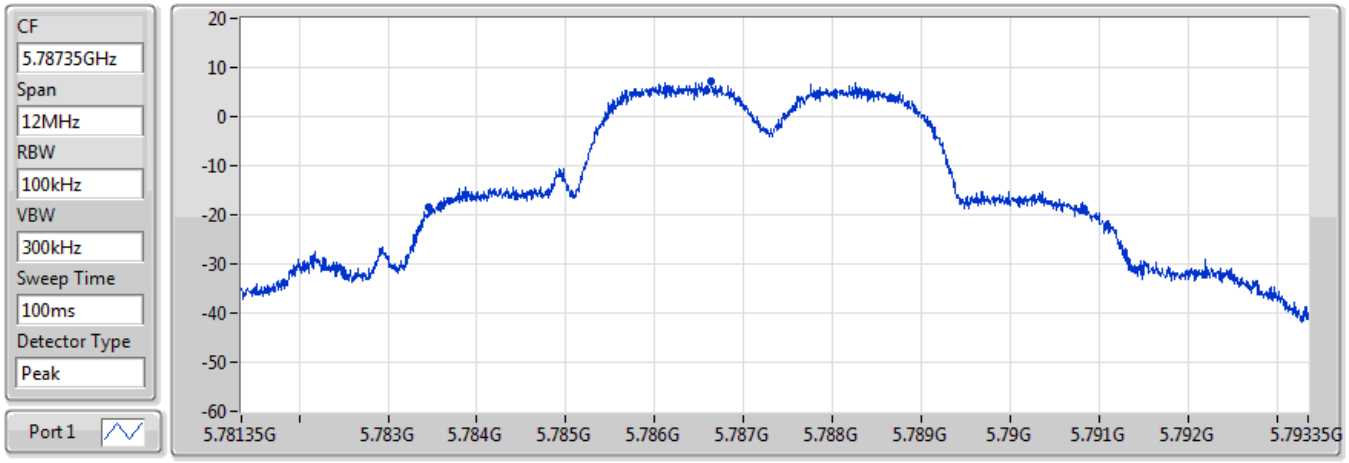


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
7.278M	5.725492G	5.73277G	Inf	1

4-DQPSK EBW

5787.35MHz

29/10/2021

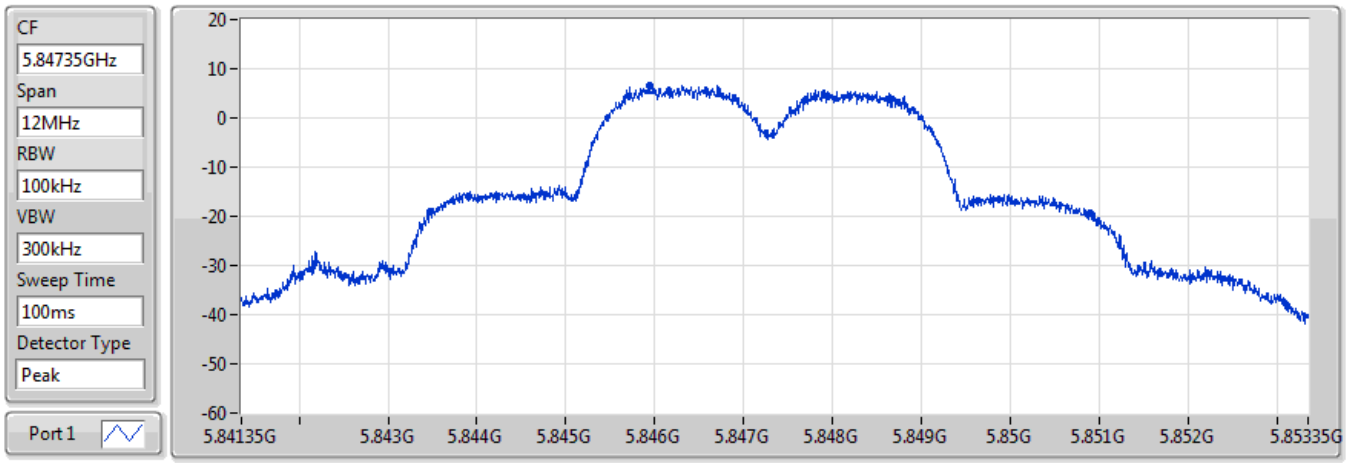


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
7.368M	5.783462G	5.79083G	Inf	1

4-DQPSK EBW

5847.35MHz

29/10/2021



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
7.434M	5.843468G	5.850902G	Inf	1

Summary

Mode	Max-N dB (Hz)	ITU-Code	Min-N dB (Hz)
5.725-5.895GHz	-	-	-
4-DQPSK,2M	1.653M	1M65G7D	1.617M
4-DQPSK,4M	3.546M	3M55G7D	3.378M

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

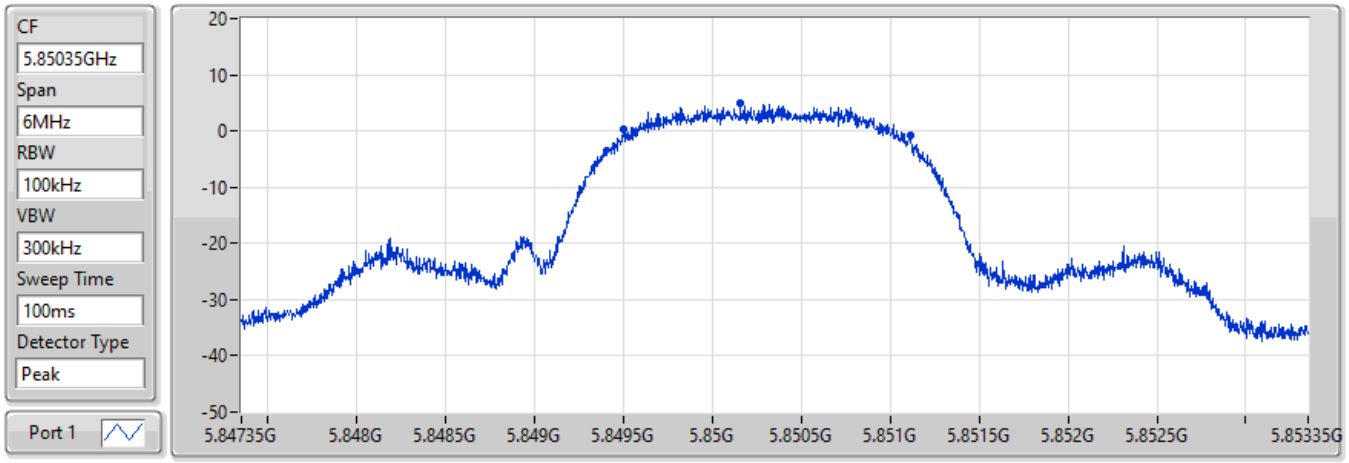
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)
4-DQPSK,2M	-	-	-
5850.35MHz	Pass	500k	1.617M
5862.35 MHz	Pass	500k	1.662M
5874.35MHz	Pass	500k	1.653M
4-DQPSK,4M	-	-	-
5849.35MHz	Pass	500k	3.546M
5861.35MHz	Pass	500k	3.468M
5875.35MHz	Pass	500k	3.378M

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

4-DQPSK **EBW**

5850.35MHz

04/09/2021

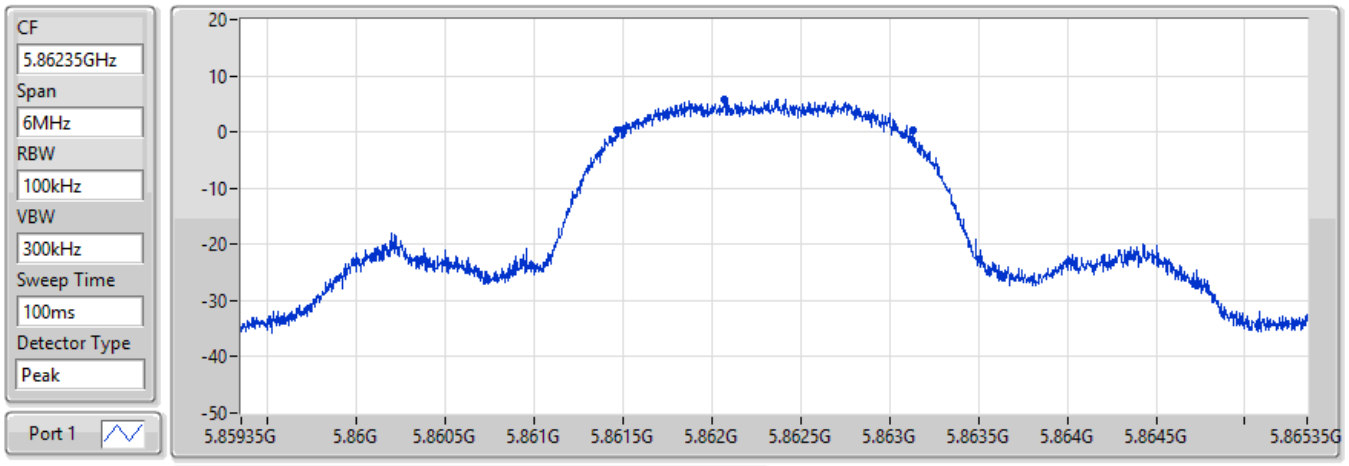


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	Limit(Hz)	Port
1.617M	5.849498G	5.851115G	500k	1

4-DQPSK **EBW**

5862.35MHz

12/10/2021

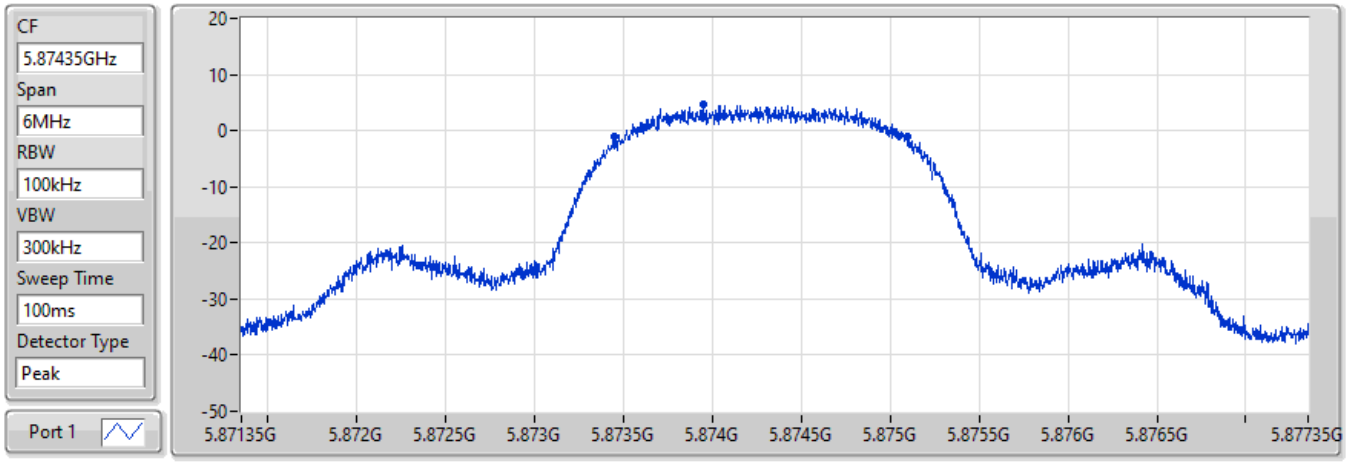


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	Limit(Hz)	Port
1.662M	5.861465G	5.863127G	500k	1

4-DQPSK EBW

5874.35MHz

04/09/2021

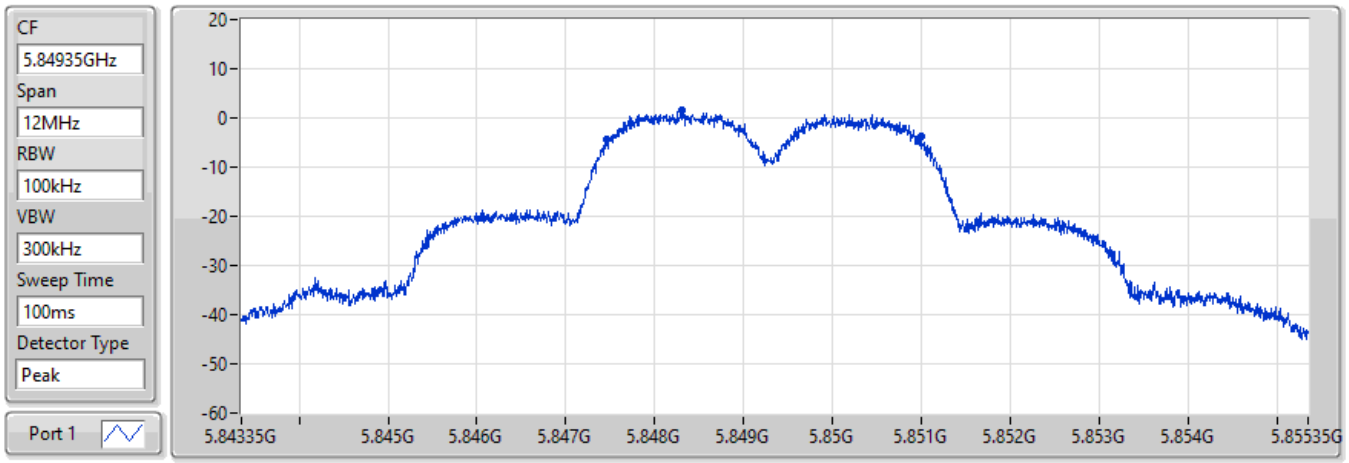


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	Limit(Hz)	Port
1.653M	5.873447G	5.8751G	500k	1

4-DQPSK EBW

5849.35MHz

08/09/2021

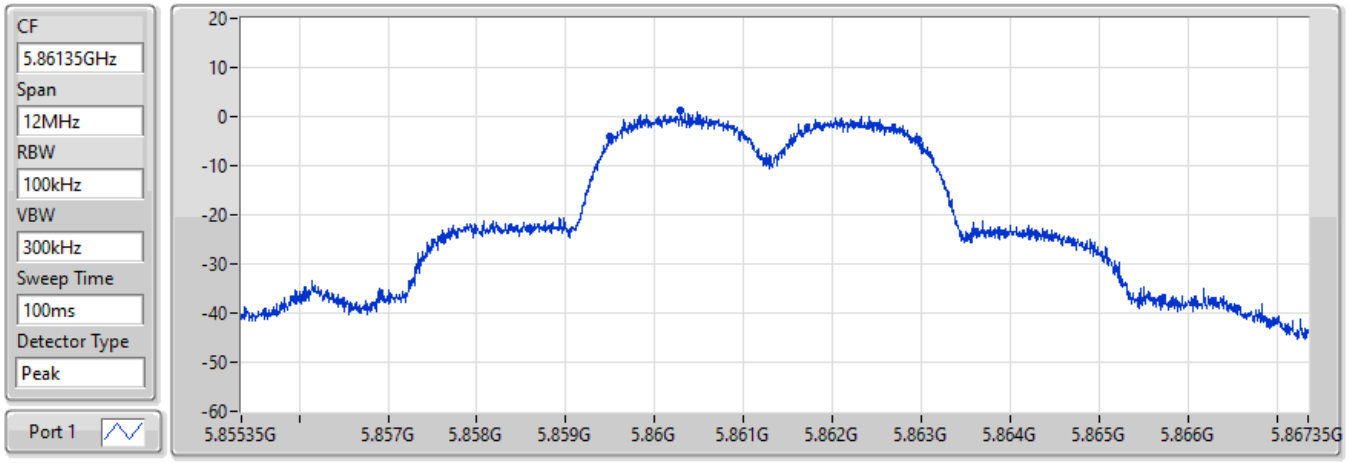


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	Limit(Hz)	Port
3.546M	5.847454G	5.851G	500k	1

4-DQPSK **EBW**

5861.35MHz

08/09/2021

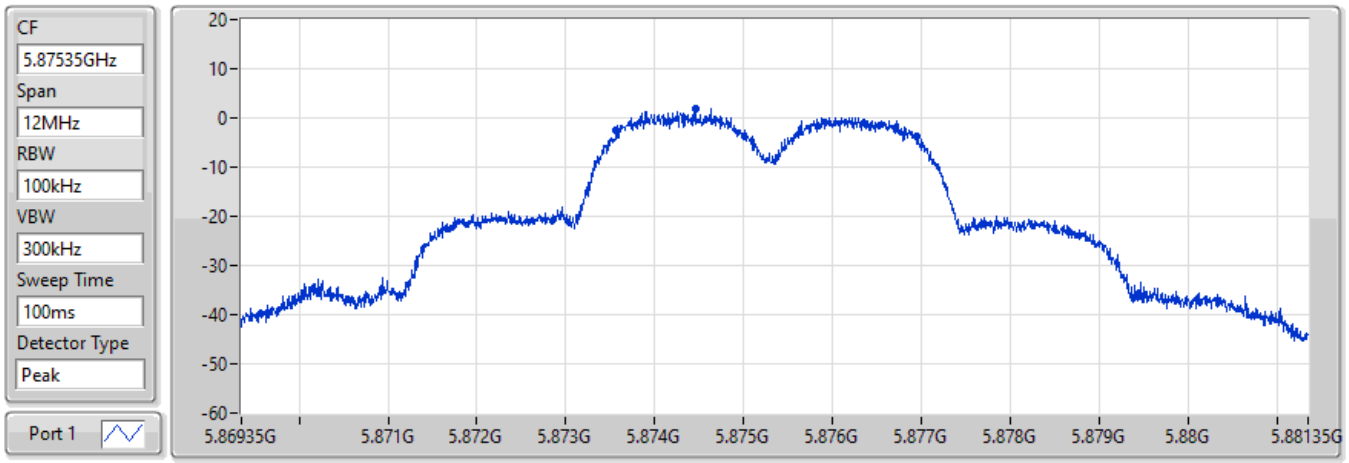


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	Limit(Hz)	Port
3.468M	5.859496G	5.862964G	500k	1

4-DQPSK **EBW**

5875.35MHz

08/09/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	Limit(Hz)	Port
3.378M	5.873562G	5.87694G	500k	1

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.725-5.895GHz	-	-	-	-	-
4-DQPSK,2M	3.222M	1.958M	1M96G7D	3.222M	1.958M
4-DQPSK,4M	7.41M	4.414M	4M41G7D	7.404M	4.378M

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

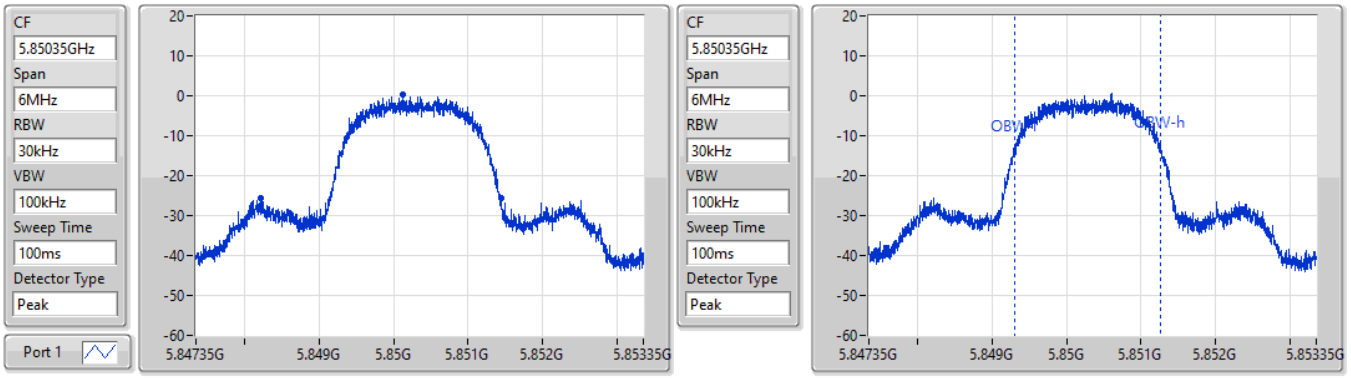
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
4-DQPSK,2M	-	-	-	-
5850.35MHz	Pass	Inf	3.222M	1.958M
5862.35 MHz	Pass	Inf	2.274M	1.946M
5874.35MHz	Pass	Inf	2.268M	1.946M
4-DQPSK,4M	-	-	-	-
5849.35MHz	Pass	Inf	7.29M	4.516M
5861.35MHz	Pass	Inf	7.404M	4.414M
5875.35MHz	Pass	Inf	7.41M	4.378M

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

4-DQPSK **EBW**

5850.35MHz

04/09/2021

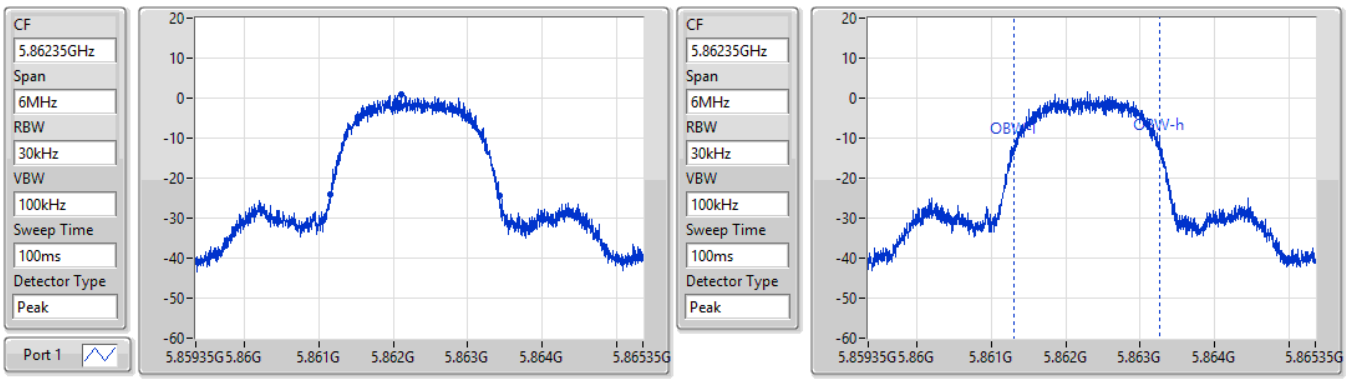


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.222M	5.848226G	5.851448G	1.958M	5.849307G	5.851265G	Inf	1

4-DQPSK **EBW**

5862.35MHz

12/10/2021

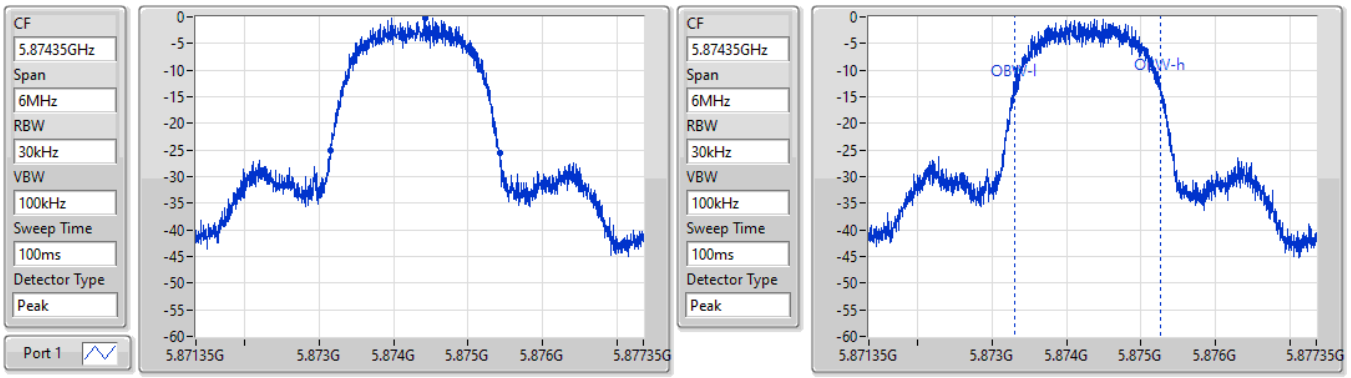


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
2.274M	5.86115G	5.863424G	1.946M	5.86131G	5.863256G	Inf	1

4-DQPSK **EBW**

5874.35MHz

04/09/2021

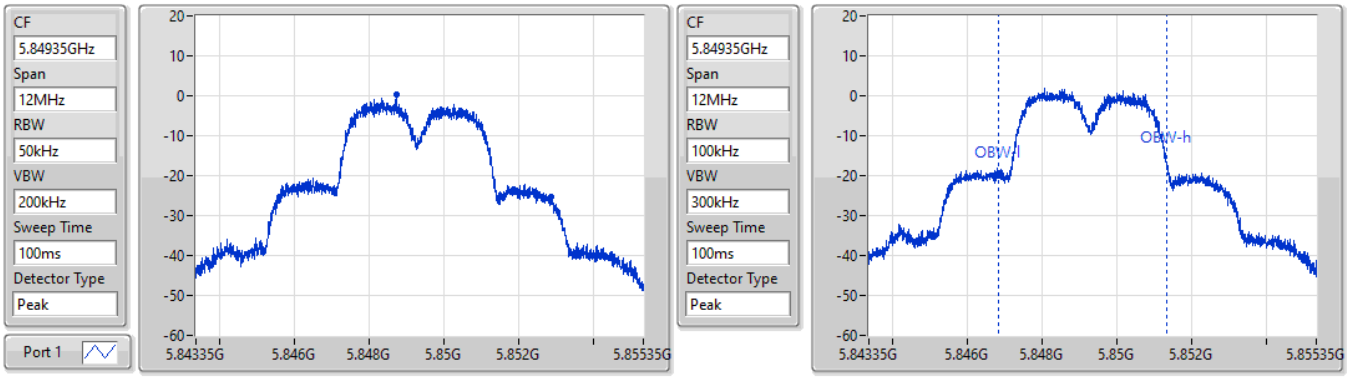


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
2.268M	5.873153G	5.875421G	1.946M	5.87331G	5.875256G	Inf	1

4-DQPSK **EBW**

5849.35MHz

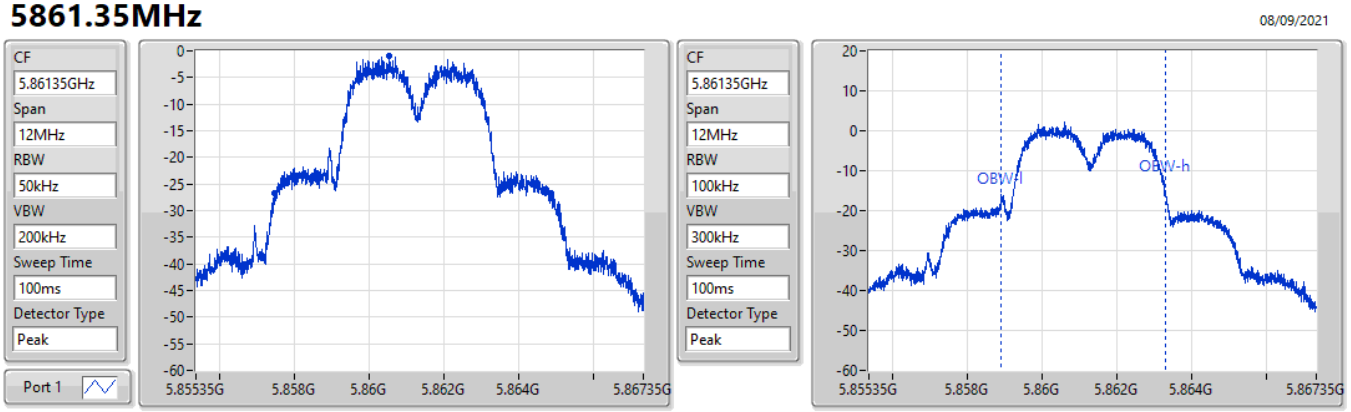
08/09/2021



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.29M	5.8456G	5.85289G	4.516M	5.846813G	5.851329G	Inf	1

4-DQPSK **EBW**

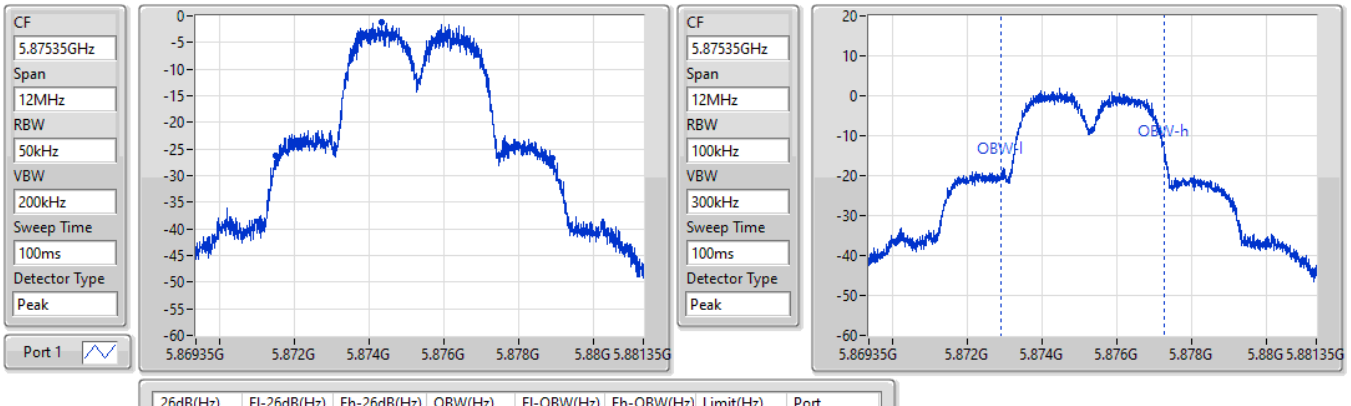
5861.35MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.404M	5.857468G	5.864872G	4.414M	5.858879G	5.863293G	Inf	1

4-DQPSK **EBW**

5875.35MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.41M	5.871504G	5.878914G	4.378M	5.872903G	5.877281G	Inf	1

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
4-DQPSK,2M	7.43	0.00553
4-DQPSK,4M	6.01	0.00399

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
4-DQPSK,2M	-	-	-	-	-
5157.35MHz	Pass	4.10	6.74	6.74	23.98
5201.35MHz	Pass	4.10	7.10	7.10	23.98
5247.35MHz	Pass	4.10	7.43	7.43	23.98
4-DQPSK,4M	-	-	-	-	-
5162.35MHz	Pass	4.10	6.01	6.01	23.98
5204.35MHz	Pass	4.10	5.98	5.98	23.98
5246.35MHz	Pass	4.10	5.96	5.96	23.98

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

Summary

Mode	Total Power (dBm)	Total Power (W)
5.725-5.85GHz	-	-
4-DQPSK,2M	7.74	0.00594
4-DQPSK,4M	6.33	0.00430

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
4-DQPSK,2M	-	-	-	-	-
5726.35MHz	Pass	3.50	7.74	7.74	30.00
5786.35MHz	Pass	3.50	7.33	7.33	30.00
5848.35MHz	Pass	3.50	7.12	7.12	30.00
4-DQPSK,4M	-	-	-	-	-
5729.35MHz	Pass	3.50	6.33	6.33	30.00
5787.35MHz	Pass	3.50	6.23	6.23	30.00
5847.35MHz	Pass	3.50	6.08	6.08	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.725-5.895GHz	-	-	-	-
4-DQPSK,2M	7.21	0.00526	10.59	0.01146
4-DQPSK,4M	6.29	0.00426	9.67	0.00927

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
4-DQPSK,2M	-	-	-	-	-	-
5850.35MHz	Pass	3.38	7.38	7.38	10.76	30.00
5862.35MHz	Pass	3.38	7.21	7.21	10.59	30.00
5874.35MHz	Pass	3.38	6.91	6.91	10.29	30.00
4-DQPSK,4M	-	-	-	-	-	-
5849.35MHz	Pass	3.38	6.19	6.19	9.57	30.00
5861.35MHz	Pass	3.38	6.29	6.29	9.67	30.00
5875.35MHz	Pass	3.38	5.96	5.96	9.34	30.00

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

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
4-DQPSK,2M	4.64
4-DQPSK,4M	2.09

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

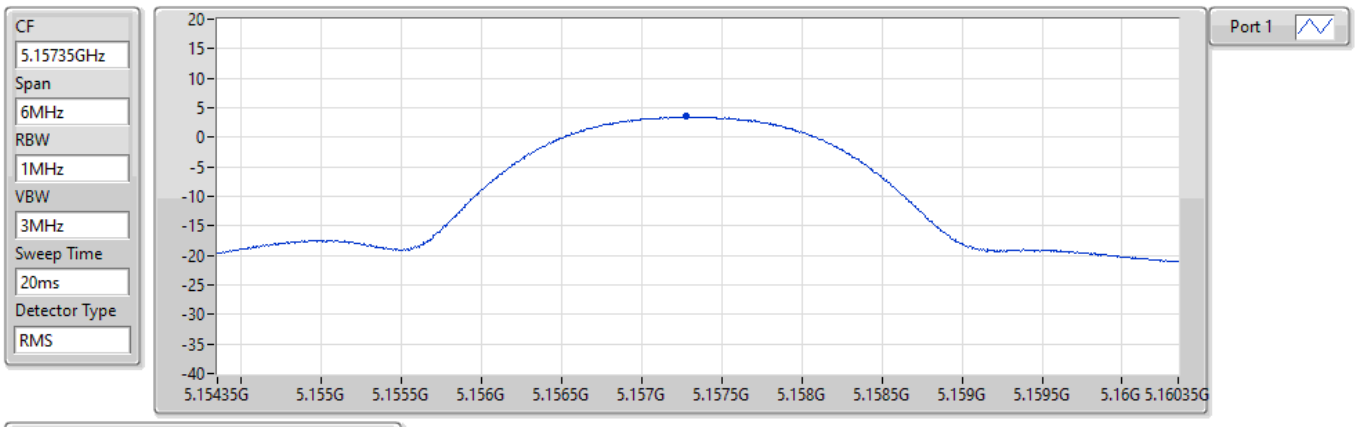
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
4-DQPSK,2M	-	-	-	-	-
5157.35MHz	Pass	4.10	3.49	3.49	11.00
5201.35MHz	Pass	4.10	4.64	4.64	11.00
5247.35MHz	Pass	4.10	4.15	4.15	11.00
4-DQPSK,4M	-	-	-	-	-
5162.35MHz	Pass	4.10	0.94	0.94	11.00
5204.35MHz	Pass	4.10	2.09	2.09	11.00
5246.35MHz	Pass	4.10	0.86	0.86	11.00

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;

4-DQPSK PSD

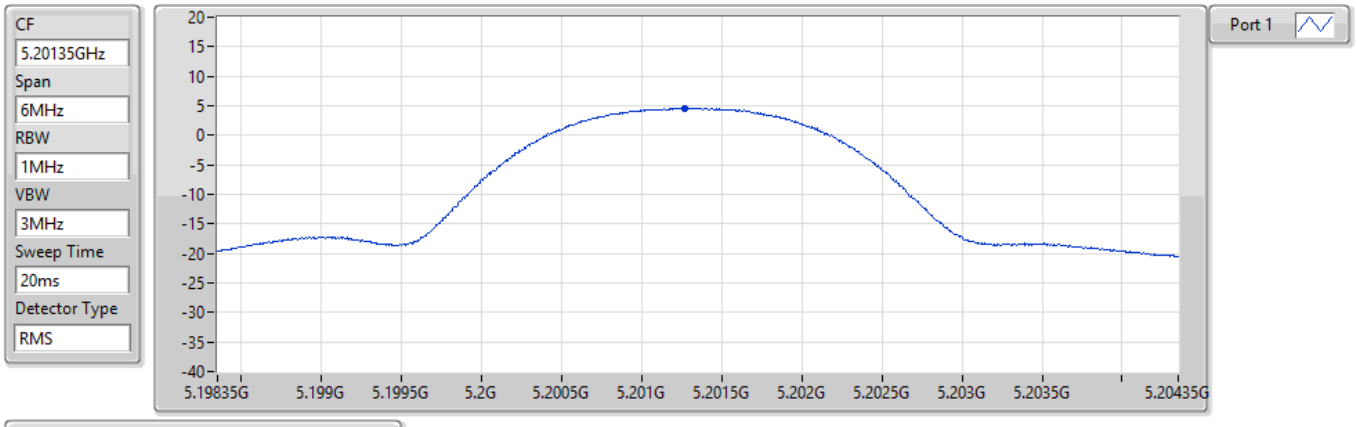
5157.35MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.49	3.49	3.49

4-DQPSK PSD

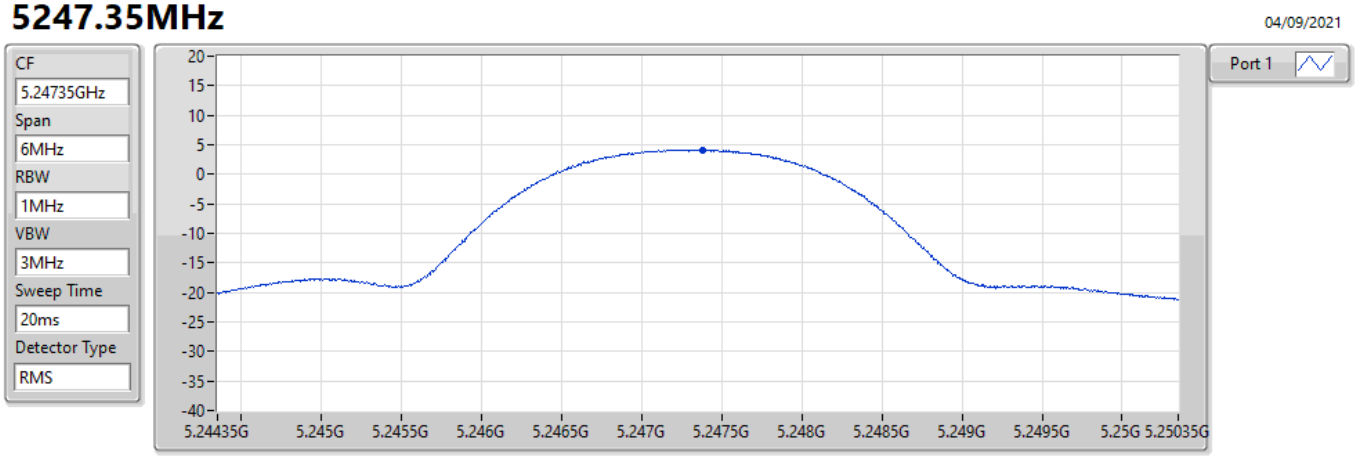
5201.35MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.64	4.64	4.64

4-DQPSK PSD

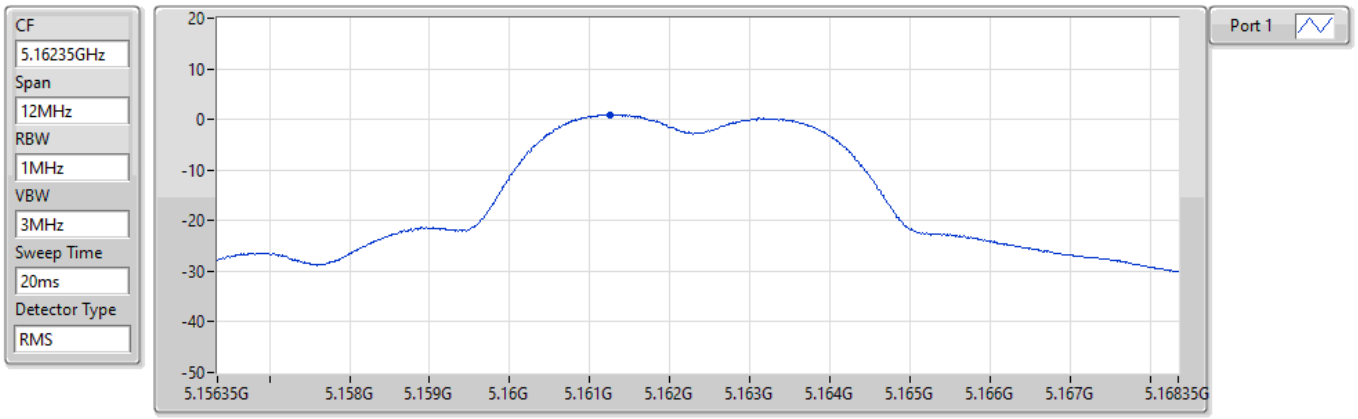
5247.35MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.15	4.15	4.15

4-DQPSK PSD

5162.35MHz



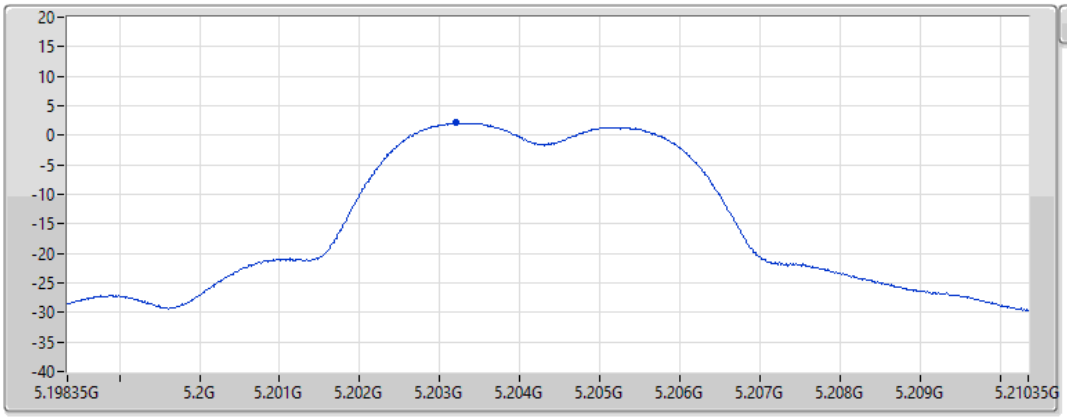
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.94	0.94	0.94

4-DQPSK PSD

5204.35MHz

12/10/2021

CF	5.20435GHz
Span	12MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



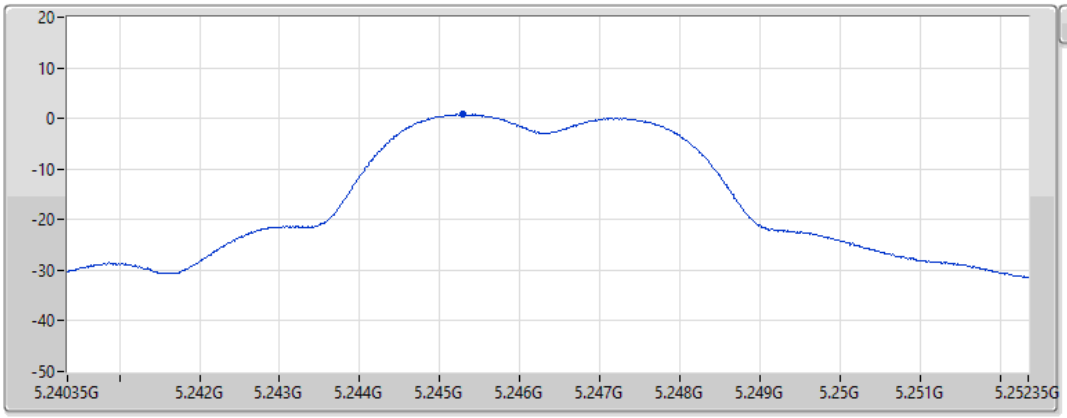
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.09	2.09	2.09

4-DQPSK PSD

5246.35MHz

08/09/2021

CF	5.24635GHz
Span	12MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.86	0.86	0.86

Summary

Mode	PD (dBm/RBW)
5.725-5.85GHz	-
4-DQPSK,2M	3.56
4-DQPSK,4M	0.07

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

Result

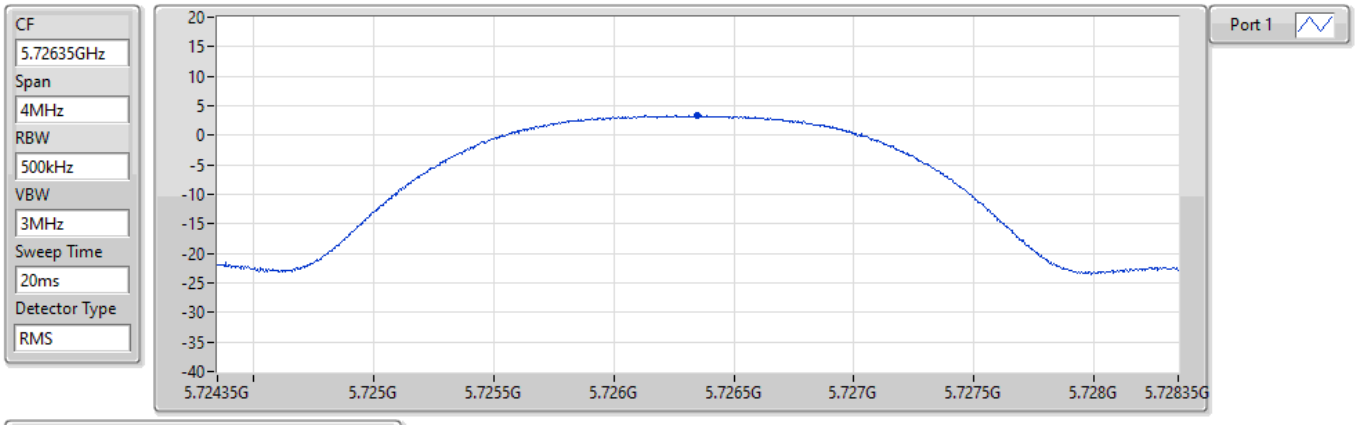
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
4-DQPSK,2M	-	-	-	-	-
5726.35MHz	Pass	3.50	3.37	3.37	30.00
5786.35MHz	Pass	3.50	3.56	3.56	30.00
5848.35MHz	Pass	3.50	2.42	2.42	30.00
4-DQPSK,4M	-	-	-	-	-
5729.35MHz	Pass	3.50	-0.32	-0.32	30.00
5787.35MHz	Pass	3.50	0.07	0.07	30.00
5847.35MHz	Pass	3.50	-1.16	-1.16	30.00

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;

4-DQPSK PSD

5726.35MHz

04/09/2021

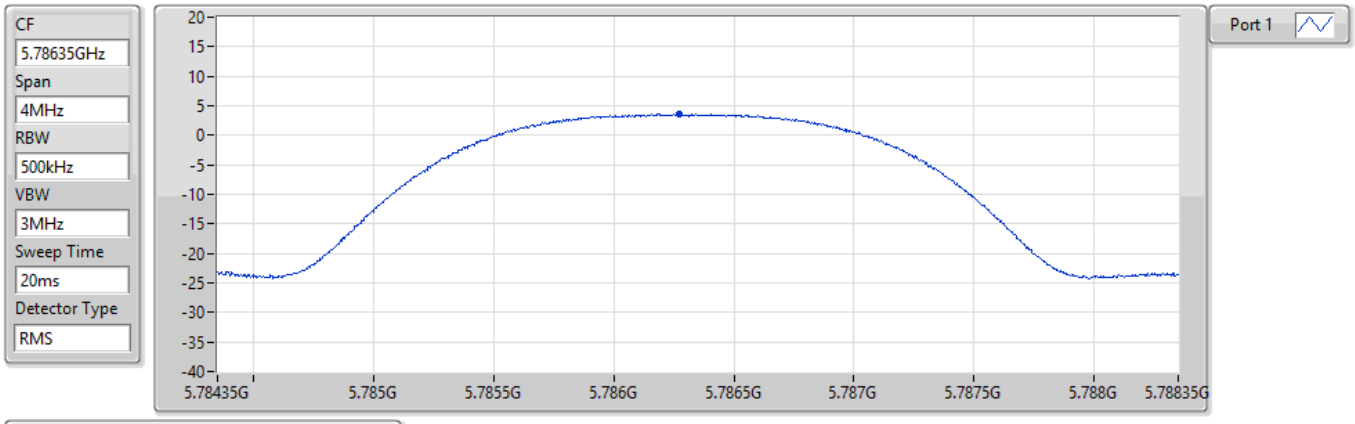


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.37	3.37	3.37

4-DQPSK PSD

5786.35MHz

12/10/2021

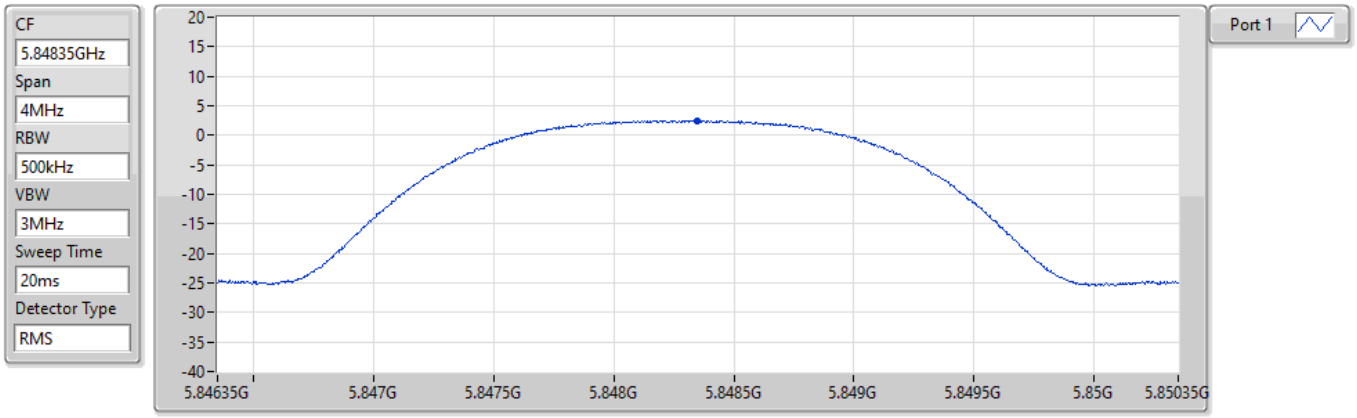


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.56	3.56	3.56

4-DQPSK PSD

5848.35MHz

04/09/2021

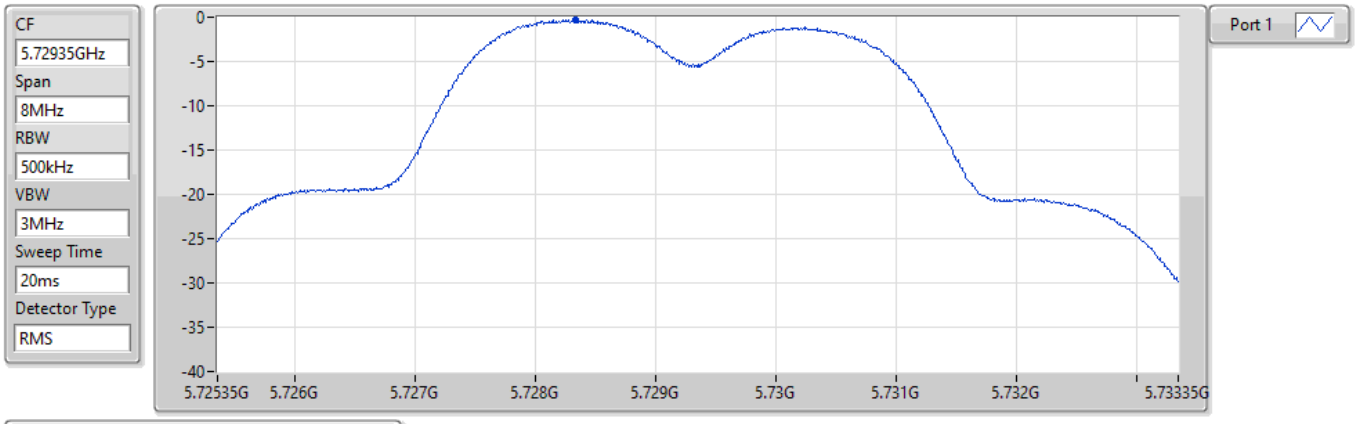


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.42	2.42	2.42

4-DQPSK PSD

5729.35MHz

08/09/2021



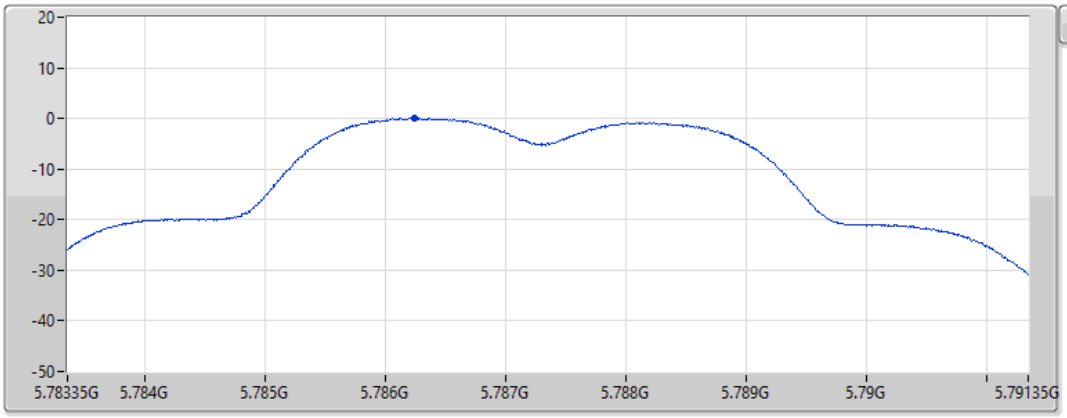
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.32	-0.32	-0.32

4-DQPSK PSD

5787.35MHz

12/10/2021

CF	5.78735GHz
Span	8MHz
RBW	500kHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



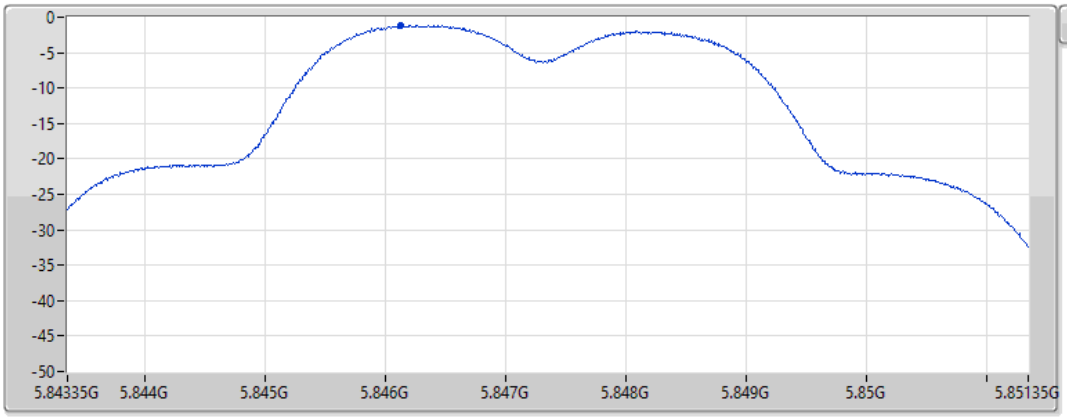
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.07	0.07	0.07

4-DQPSK PSD

5847.35MHz

08/09/2021

CF	5.84735GHz
Span	8MHz
RBW	500kHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.16	-1.16	-1.16

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.725-5.895GHz	-	-
4-DQPSK,2M	5.05	8.43
4-DQPSK,4M	0.65	4.03

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

Result

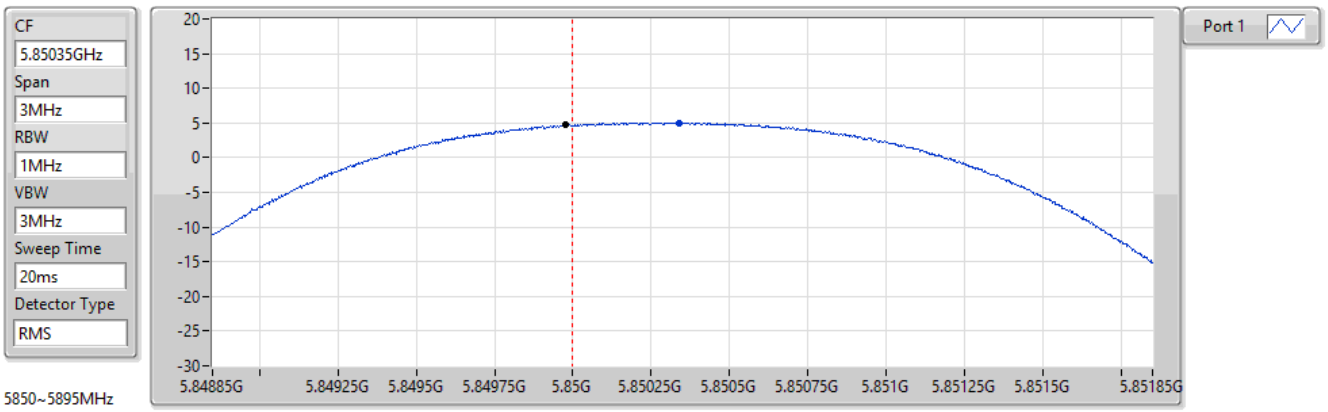
Mode	Result	DG (dBi)	PD (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
4-DQPSK,2M	-	-	-	-	-
5850.35MHz	Pass	3.38	5.05	8.43	14.00
5862.35MHz	Pass	3.38	4.98	8.36	14.00
5874.35MHz	Pass	3.38	3.79	7.17	14.00
4-DQPSK,4M	-	-	-	-	-
5849.35MHz	Pass	3.38	0.44	3.82	14.00
5861.35MHz	Pass	3.38	0.65	4.03	14.00
5875.35MHz	Pass	3.38	0.58	3.96	14.00

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;

4-DQPSK PSD

5850.35MHz

12/10/2021



5850~5895MHz

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.05	5.05	5.05

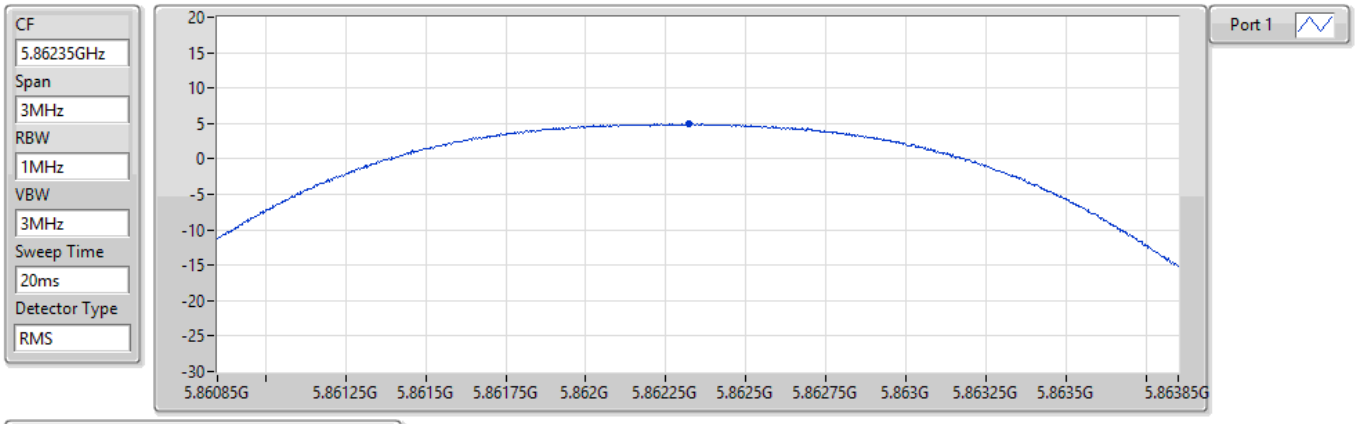
5725-5850MHz

Sum	PD	Limit RBW	BWCF
(dBm)	(dBm)	(Hz)	(dB)
4.68	1.67	500k	-3.01

4-DQPSK PSD

5862.35MHz

12/10/2021



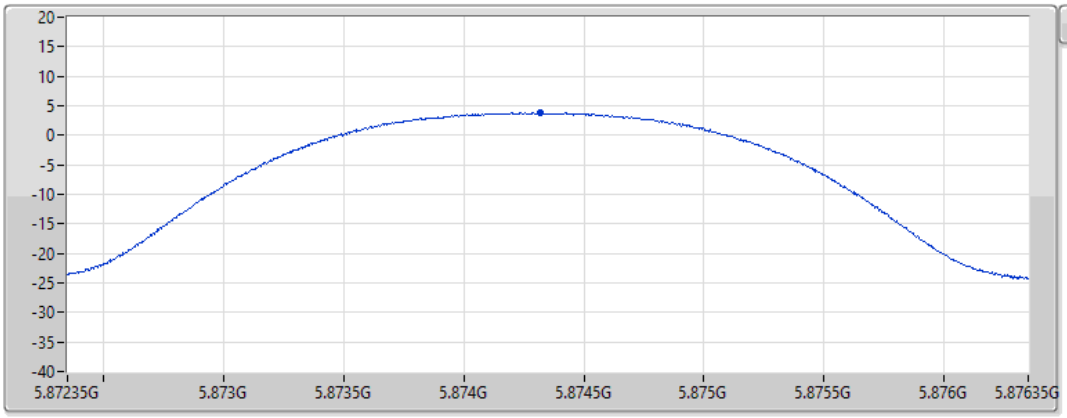
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.98	4.98	4.98

4-DQPSK PSD

5874.35MHz

04/09/2021

CF	5.87435GHz
Span	4MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



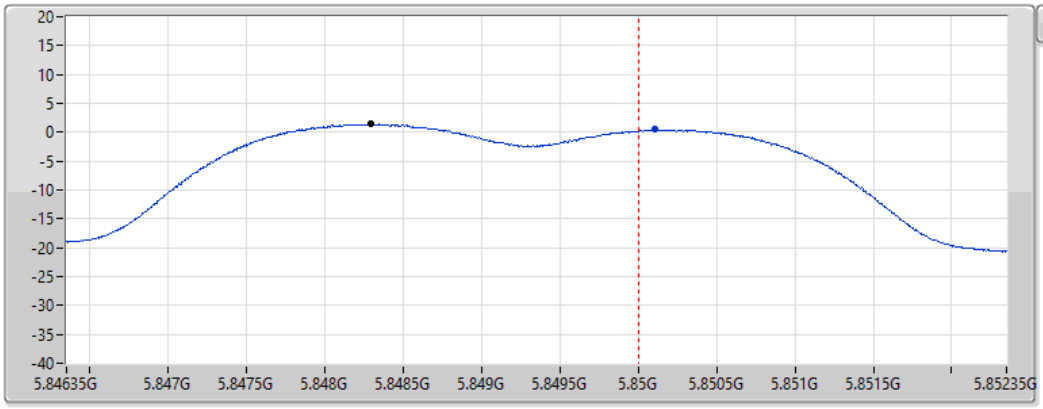
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.79	3.79	3.79

4-DQPSK PSD

5849.35MHz

12/10/2021

CF	5.84935GHz
Span	6MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



5850~5895MHz

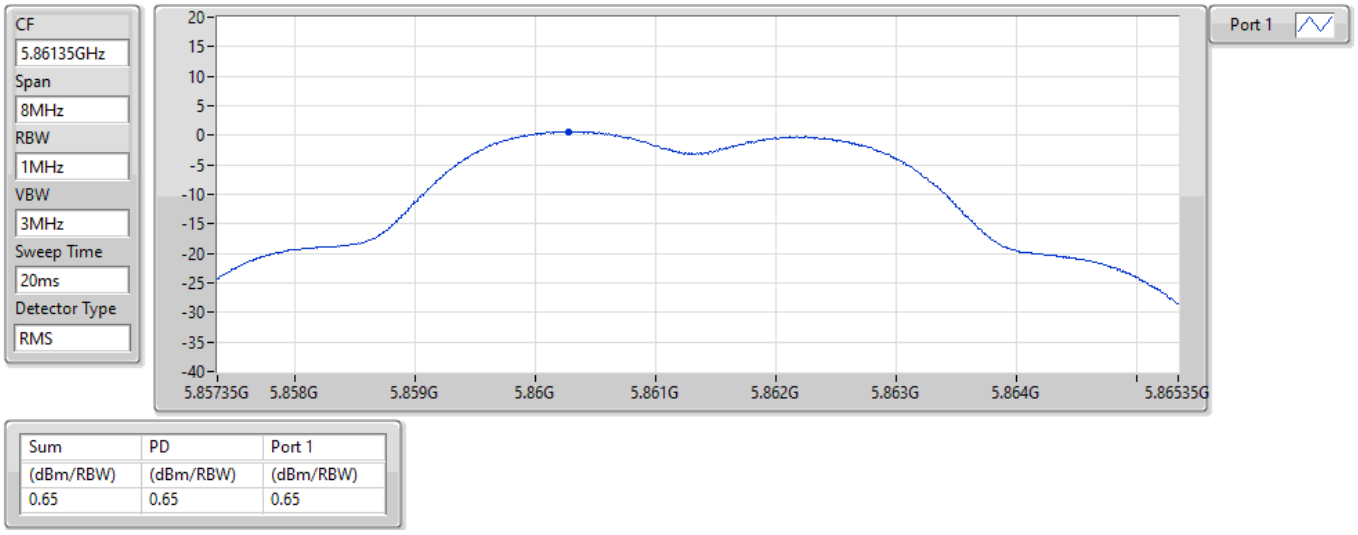
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.44	0.44	0.44

5725-5850MHz

Sum	PD	Limit RBW	BWCF
(dBm)	(dBm)	(Hz)	(dB)
1.39	-1.62	500k	-3.01

4-DQPSK PSD

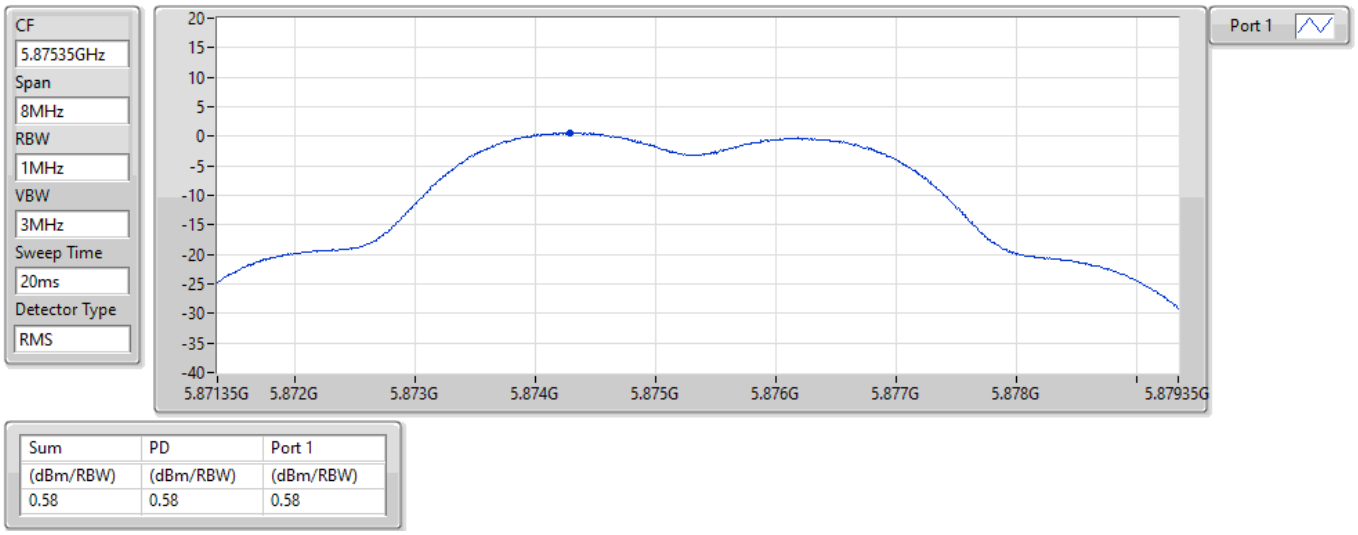
5861.35MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.65	0.65	0.65

4-DQPSK PSD

5875.35MHz



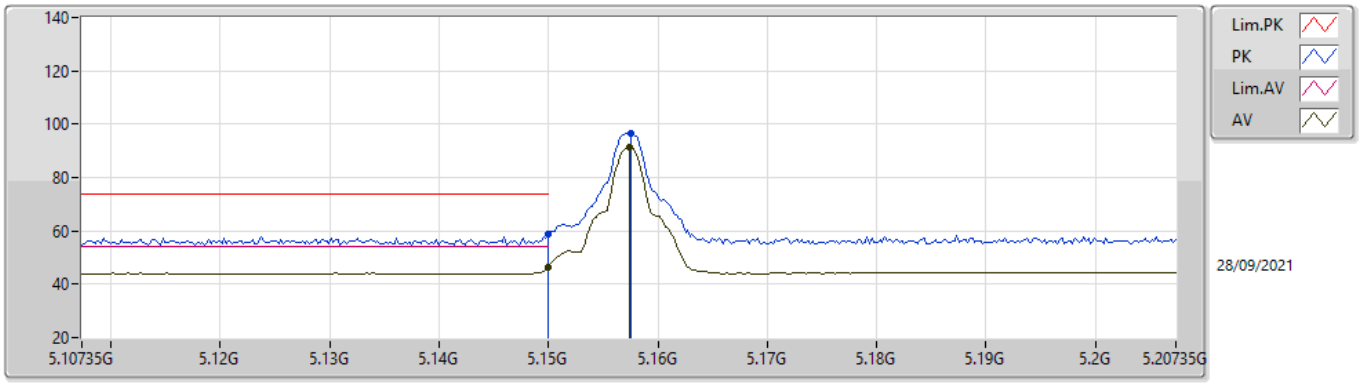
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.58	0.58	0.58

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
4-DQPSK,4M	Pass	AV	5.14995G	52.82	54.00	-1.18	3	Horizontal	143	2.51	-

4-DQPSK,2M

5157.35MHz_TnomVnom

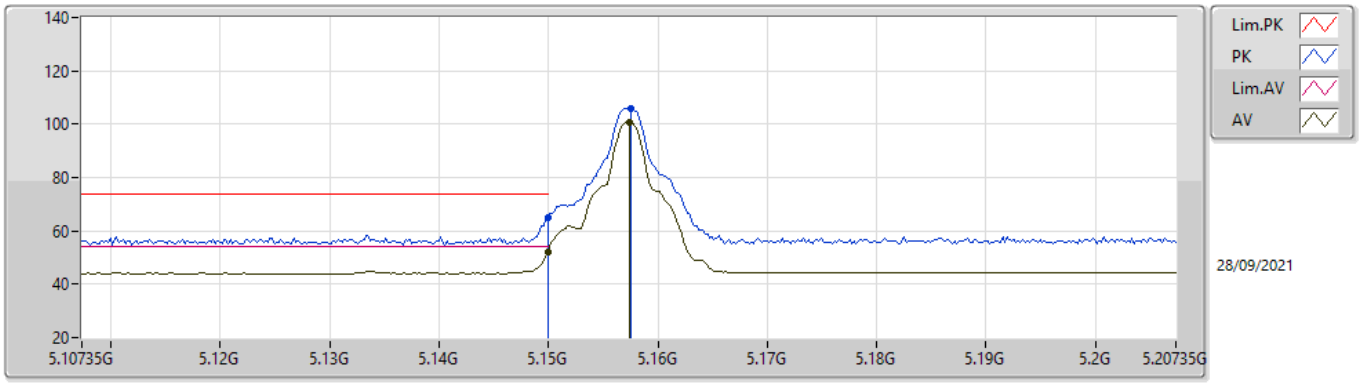


EUT Z_1TX
Setting 0x06
01-A-R-5-10

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	5.14995G	58.55	74.00	-15.45	53.72	3	Vertical	191	2.54	-	32.60	5.17	32.94
AV	5.14995G	46.47	54.00	-7.53	41.64	3	Vertical	191	2.54	-	32.60	5.17	32.94
PK	5.15755G	96.47	Inf	-Inf	91.61	3	Vertical	191	2.54	-	32.62	5.18	32.94
AV	5.15735G	91.35	Inf	-Inf	86.50	3	Vertical	191	2.54	-	32.61	5.18	32.94

4-DQPSK,2M

5157.35MHz_TnomVnom

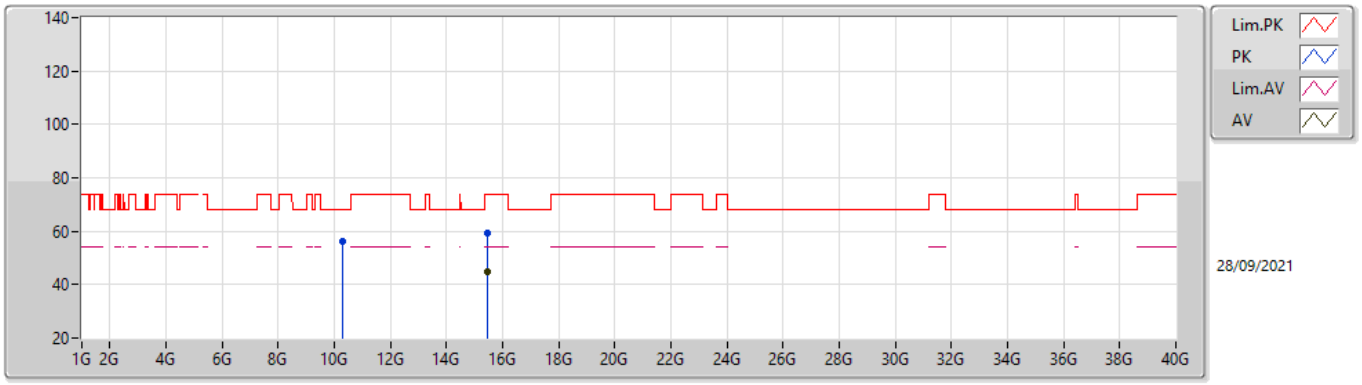


EUT Z_1TX
Setting 0x06
01-A-R-5-10

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	5.14995G	65.12	74.00	-8.88	60.29	3	Horizontal	144	2.52	-	32.60	5.17	32.94
AV	5.14995G	52.29	54.00	-1.71	47.46	3	Horizontal	144	2.52	-	32.60	5.17	32.94
PK	5.15755G	106.03	Inf	-Inf	101.17	3	Horizontal	144	2.52	-	32.62	5.18	32.94
AV	5.15735G	100.90	Inf	-Inf	96.05	3	Horizontal	144	2.52	-	32.61	5.18	32.94

4-DQPSK,2M

5157.35MHz_TnomVnom

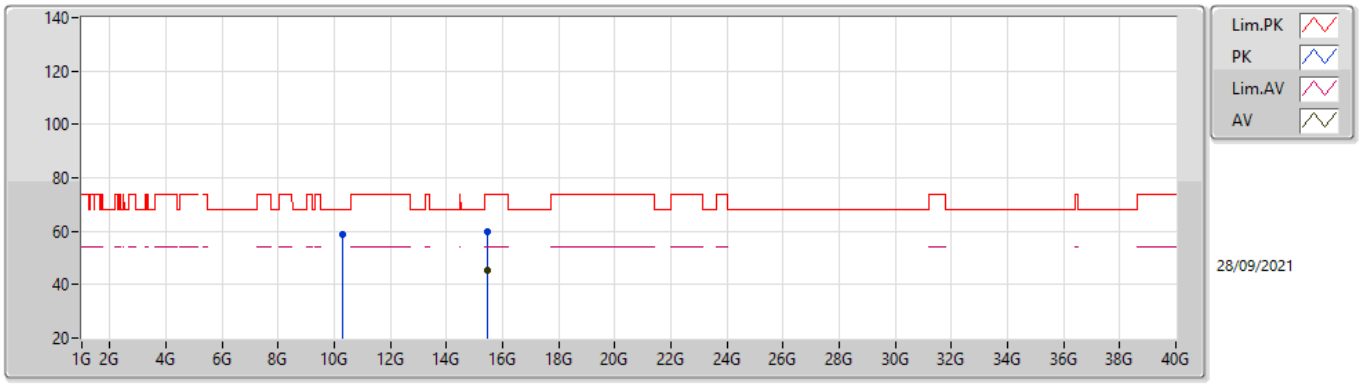


EUT Z_1TX
Setting 0x06
01-A-R-5

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	10.31428G	56.44	68.20	-11.76	44.08	3	Vertical	37	2.21	-	38.11	7.41	33.16
PK	15.47257G	59.12	74.00	-14.88	44.54	3	Vertical	59	1.63	-	38.18	9.19	32.79
AV	15.47617G	44.89	54.00	-9.11	30.31	3	Vertical	59	1.63	-	38.17	9.20	32.79

4-DQPSK,2M

5157.35MHz_TnomVnom

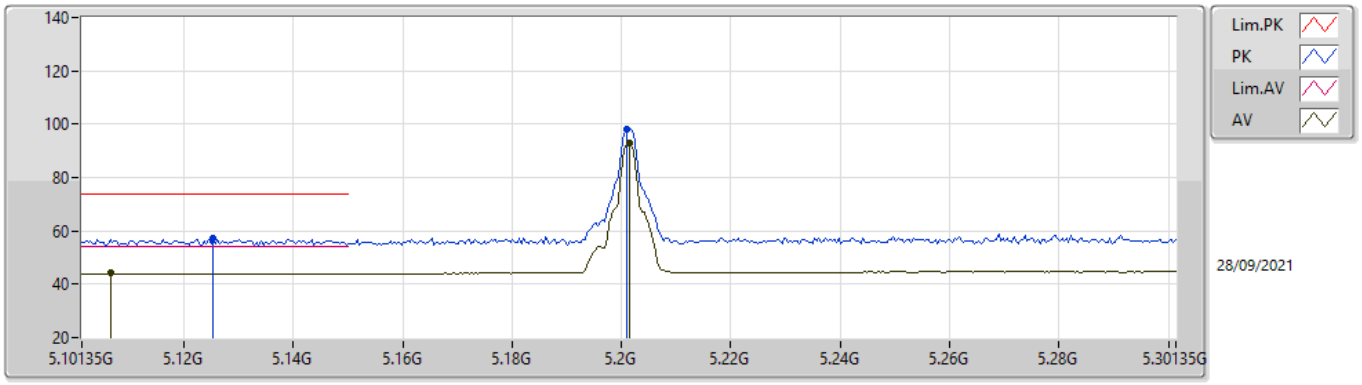


EUT Z_1TX
Setting 0x06
01-A-R-5

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	10.31434G	58.55	68.20	-9.65	46.19	3	Horizontal	182	2.16	-	38.11	7.41	33.16
PK	15.47591G	59.60	74.00	-14.40	45.02	3	Horizontal	206	1.93	-	38.17	9.20	32.79
AV	15.47559G	45.09	54.00	-8.91	30.51	3	Horizontal	206	1.93	-	38.17	9.20	32.79

4-DQPSK,2M

5201.35MHz_TnomVnom

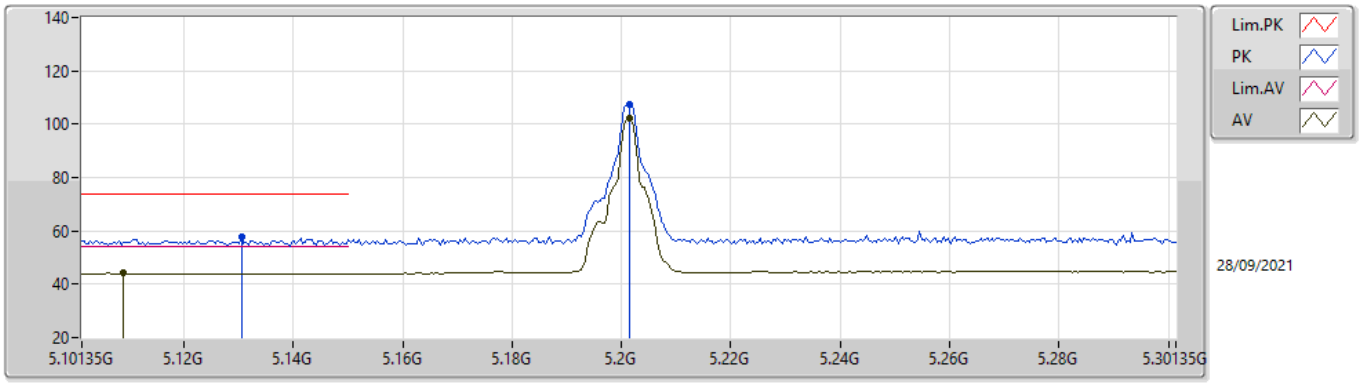


EUT Z_1TX
Setting 0x06
01-A-R-5-10

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	5.12535G	57.12	74.00	-16.88	52.30	3	Vertical	189	2.61	-	32.60	5.16	32.94
AV	5.10655G	44.07	54.00	-9.93	39.27	3	Vertical	189	2.61	-	32.60	5.15	32.95
PK	5.20095G	98.04	Inf	-Inf	93.08	3	Vertical	189	2.61	-	32.70	5.20	32.94
AV	5.20135G	92.91	Inf	-Inf	87.95	3	Vertical	189	2.61	-	32.70	5.20	32.94

4-DQPSK,2M

5201.35MHz_TnomVnom

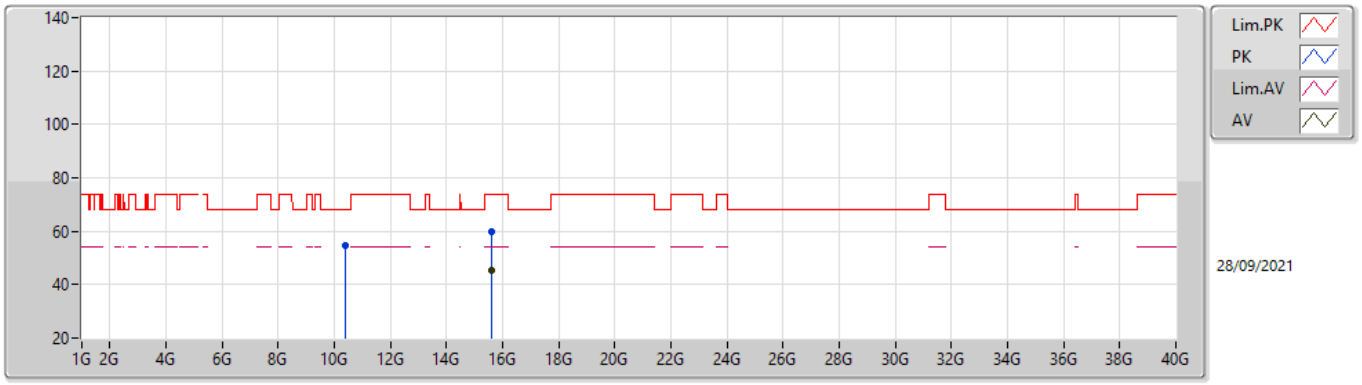


EUT Z_1TX
Setting 0x06
01-A-R-5-10

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	5.13055G	57.56	74.00	-16.44	52.73	3	Horizontal	145	2.47	-	32.60	5.17	32.94
AV	5.10895G	44.11	54.00	-9.89	39.31	3	Horizontal	145	2.47	-	32.60	5.15	32.95
PK	5.20135G	107.22	Inf	-Inf	102.26	3	Horizontal	145	2.47	-	32.70	5.20	32.94
AV	5.20135G	102.18	Inf	-Inf	97.22	3	Horizontal	145	2.47	-	32.70	5.20	32.94

4-DQPSK,2M

5201.35MHz_TnomVnom

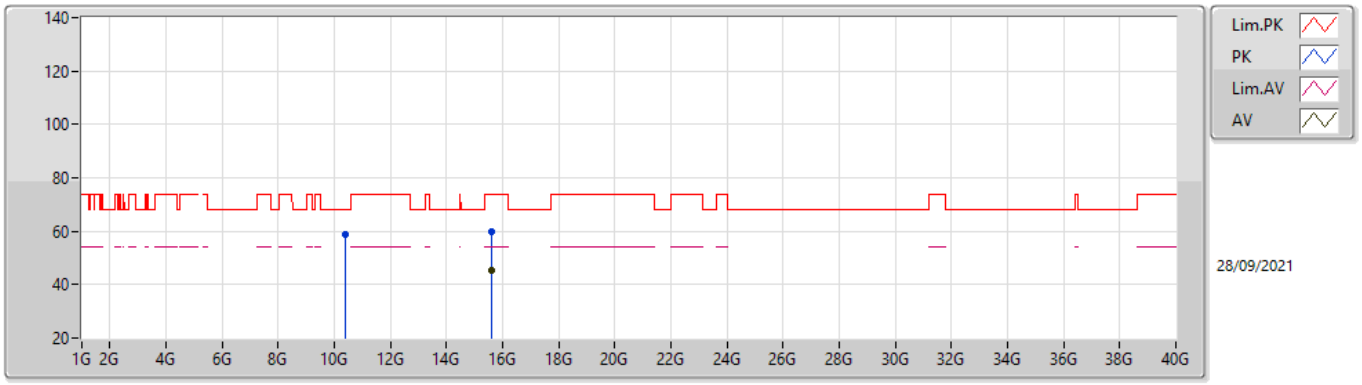


EUT Z_1TX
Setting 0x06
01-A-R-5

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	10.40198G	54.46	68.20	-13.74	41.91	3	Vertical	157	1.80	-	38.20	7.44	33.09
PK	15.60311G	60.03	74.00	-13.97	45.31	3	Vertical	182	1.48	-	38.30	9.22	32.80
AV	15.60007G	45.60	54.00	-8.40	30.88	3	Vertical	182	1.48	-	38.30	9.22	32.80

4-DQPSK,2M

5201.35MHz_TnomVnom

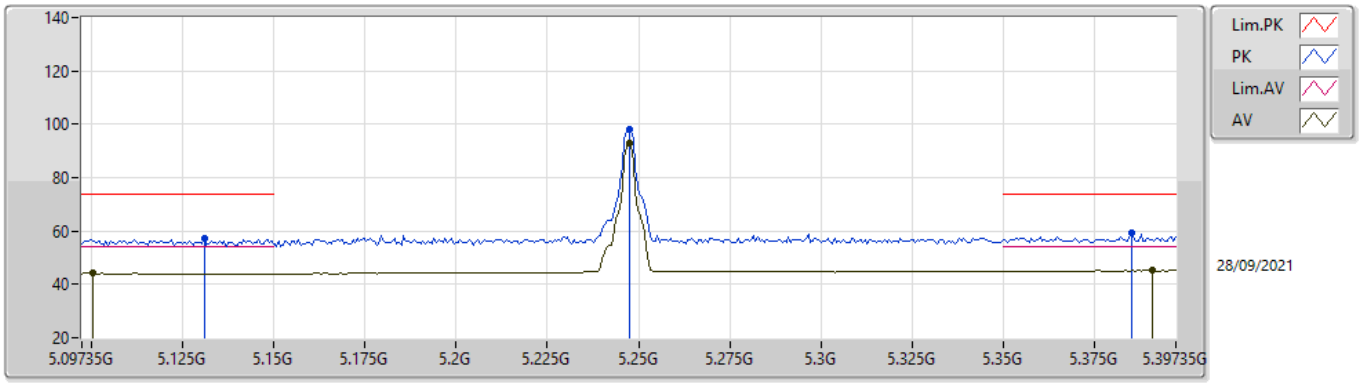


EUT Z_1TX
Setting 0x06
01-A-R-5

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	10.40228G	58.76	68.20	-9.44	46.21	3	Horizontal	259	2.04	-	38.20	7.44	33.09
PK	15.60065G	60.06	74.00	-13.94	45.34	3	Horizontal	313	2.79	-	38.30	9.22	32.80
AV	15.60029G	45.58	54.00	-8.42	30.86	3	Horizontal	313	2.79	-	38.30	9.22	32.80

4-DQPSK,2M

5247.35MHz_TnomVnom

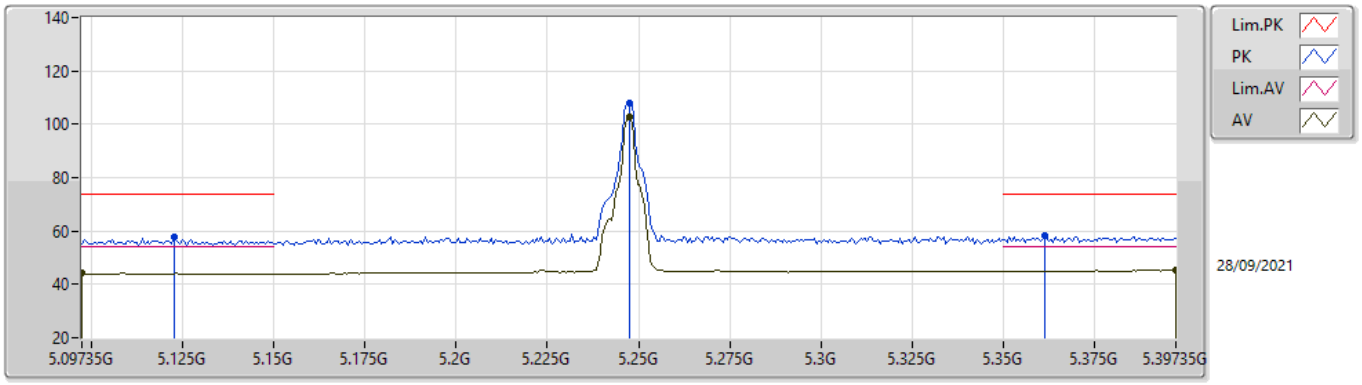


EUT Z_1TX
Setting 0x06
01-A-R-5-10

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	5.13095G	57.42	74.00	-16.58	52.59	3	Vertical	193	2.85	-	32.60	5.17	32.94
AV	5.10035G	44.12	54.00	-9.88	39.32	3	Vertical	193	2.85	-	32.60	5.15	32.95
PK	5.24735G	97.99	Inf	-Inf	92.88	3	Vertical	193	2.85	-	32.79	5.25	32.93
AV	5.24735G	92.88	Inf	-Inf	87.77	3	Vertical	193	2.85	-	32.79	5.25	32.93
PK	5.38535G	59.10	74.00	-14.90	53.51	3	Vertical	193	2.85	-	33.11	5.39	32.91
AV	5.39075G	45.19	54.00	-8.81	39.57	3	Vertical	193	2.85	-	33.14	5.39	32.91

4-DQPSK,2M

5247.35MHz_TnomVnom

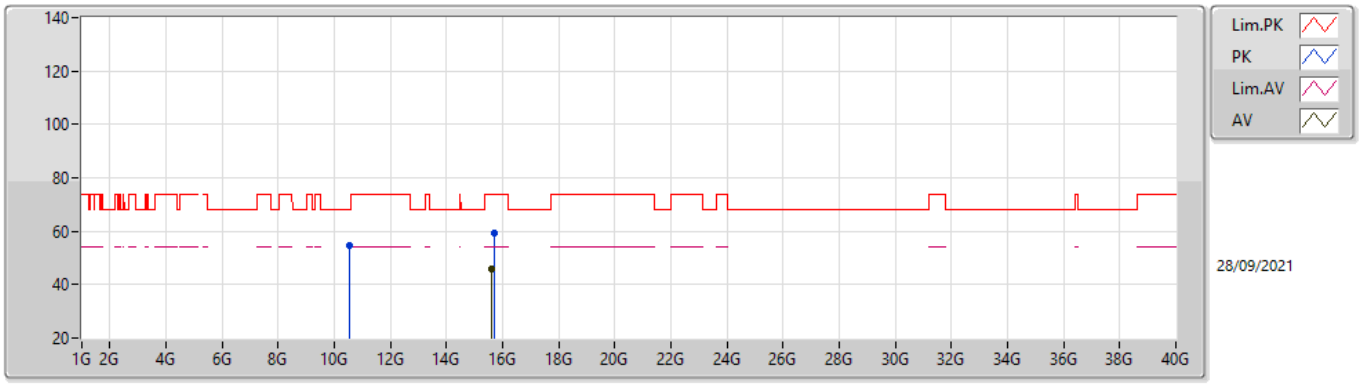


EUT Z_1TX
Setting 0x06
01-A-R-5-10

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	5.12255G	57.78	74.00	-16.22	52.97	3	Horizontal	145	2.44	-	32.60	5.16	32.95
AV	5.09735G	44.10	54.00	-9.90	39.30	3	Horizontal	145	2.44	-	32.60	5.15	32.95
PK	5.24735G	108.13	Inf	-Inf	103.02	3	Horizontal	145	2.44	-	32.79	5.25	32.93
AV	5.24735G	102.91	Inf	-Inf	97.80	3	Horizontal	145	2.44	-	32.79	5.25	32.93
PK	5.36135G	58.28	74.00	-15.72	52.87	3	Horizontal	145	2.44	-	32.97	5.36	32.92
AV	5.39735G	45.21	54.00	-8.79	39.54	3	Horizontal	145	2.44	-	33.18	5.40	32.91

4-DQPSK,2M

5247.35MHz_TnomVnom

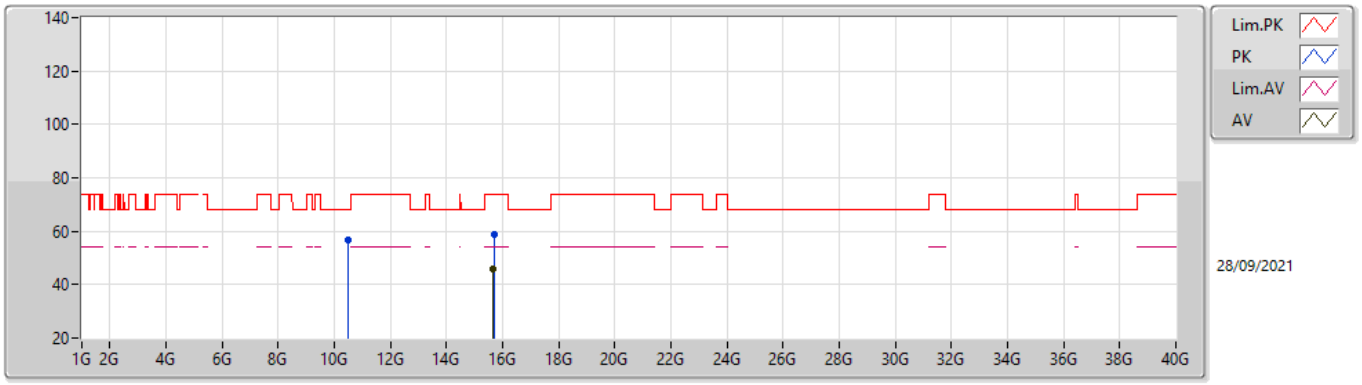


EUT Z_1TX
Setting 0x06
01-A-R-5

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	10.5637G	54.70	68.20	-13.50	41.78	3	Vertical	52	2.81	-	38.40	7.50	32.98
PK	15.68205G	59.09	74.00	-14.91	44.26	3	Vertical	237	1.39	-	38.38	9.24	32.79
AV	15.60045G	45.82	54.00	-8.18	31.10	3	Vertical	237	1.39	-	38.30	9.22	32.80

4-DQPSK,2M

5247.35MHz_TnomVnom

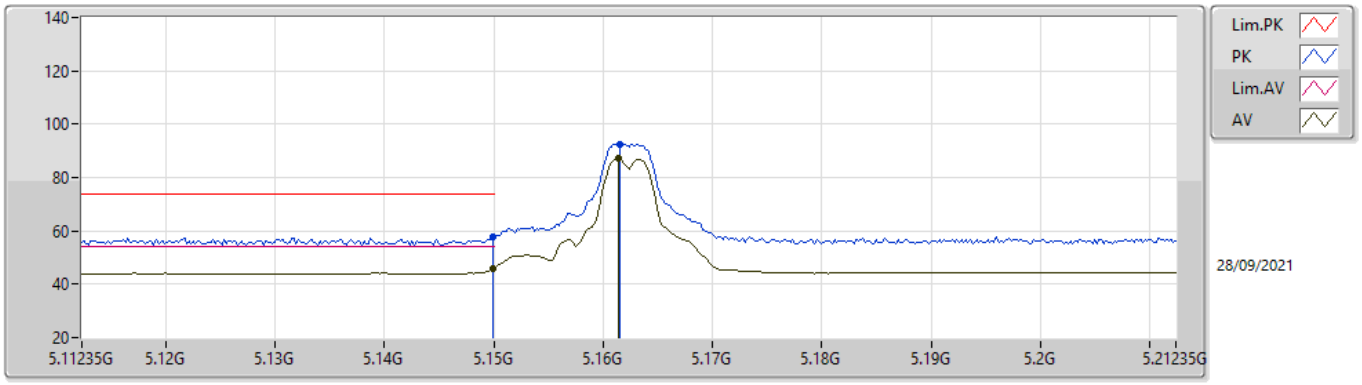


EUT Z_1TX
Setting 0x06
01-A-R-5

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	10.49428G	56.94	68.20	-11.26	44.09	3	Horizontal	255	2.78	-	38.39	7.47	33.01
PK	15.70785G	58.56	74.00	-15.44	43.71	3	Horizontal	224	1.51	-	38.40	9.24	32.79
AV	15.64245G	45.82	54.00	-8.18	31.05	3	Horizontal	224	1.51	-	38.34	9.23	32.80

4-DQPSK,4M

5162.35MHz_TnomVnom

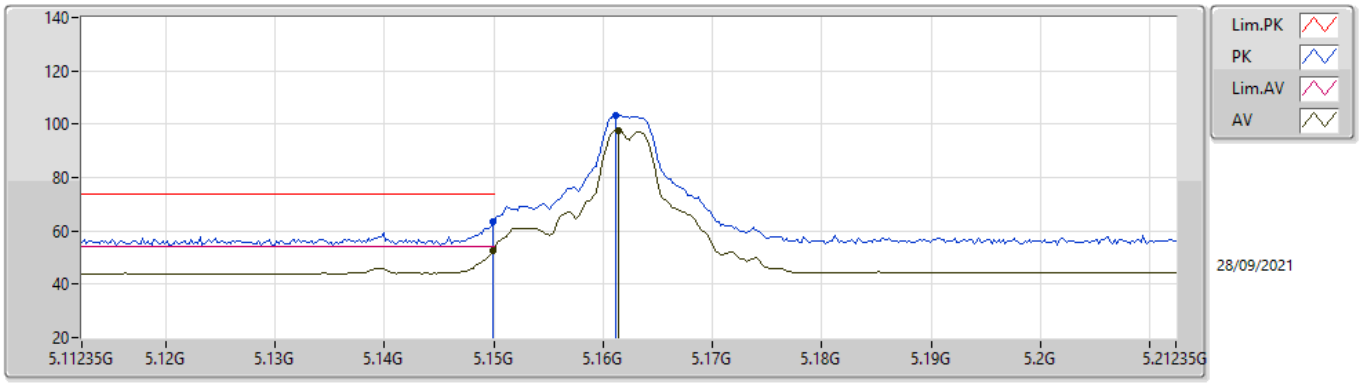


EUT Z_1TX
Setting 0x06
01-A-R-5-10

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	5.14995G	57.96	74.00	-16.04	53.13	3	Vertical	192	2.38	-	32.60	5.17	32.94
AV	5.14995G	45.85	54.00	-8.15	41.02	3	Vertical	192	2.38	-	32.60	5.17	32.94
PK	5.16155G	92.57	Inf	-Inf	87.71	3	Vertical	192	2.38	-	32.62	5.18	32.94
AV	5.16135G	87.08	Inf	-Inf	82.22	3	Vertical	192	2.38	-	32.62	5.18	32.94

4-DQPSK,4M

5162.35MHz_TnomVnom

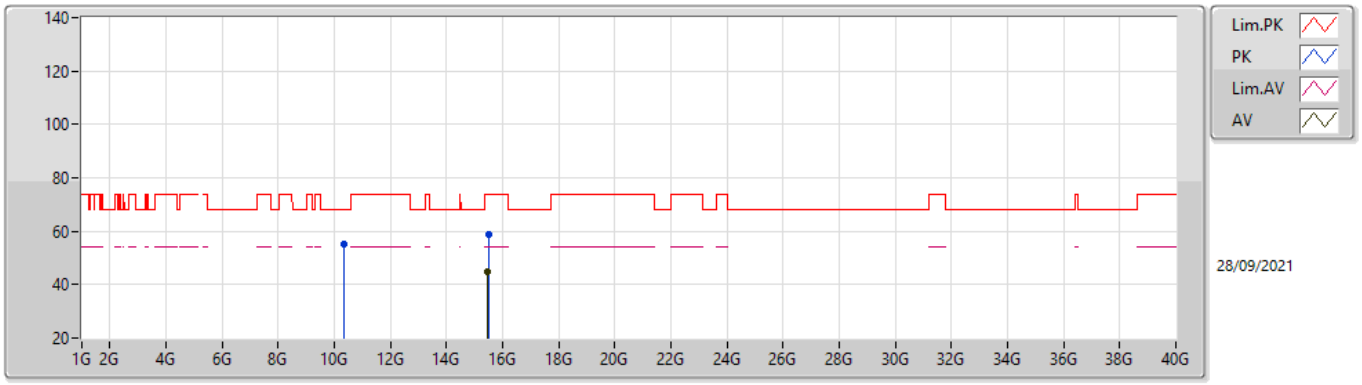


EUT Z_1TX
Setting 0x06
01-A-R-5-10

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	5.14995G	63.59	74.00	-10.41	58.76	3	Horizontal	143	2.51	-	32.60	5.17	32.94
AV	5.14995G	52.82	54.00	-1.18	47.99	3	Horizontal	143	2.51	-	32.60	5.17	32.94
PK	5.16115G	103.20	Inf	-Inf	98.34	3	Horizontal	143	2.51	-	32.62	5.18	32.94
AV	5.16135G	97.80	Inf	-Inf	92.94	3	Horizontal	143	2.51	-	32.62	5.18	32.94

4-DQPSK,4M

5162.35MHz_TnomVnom

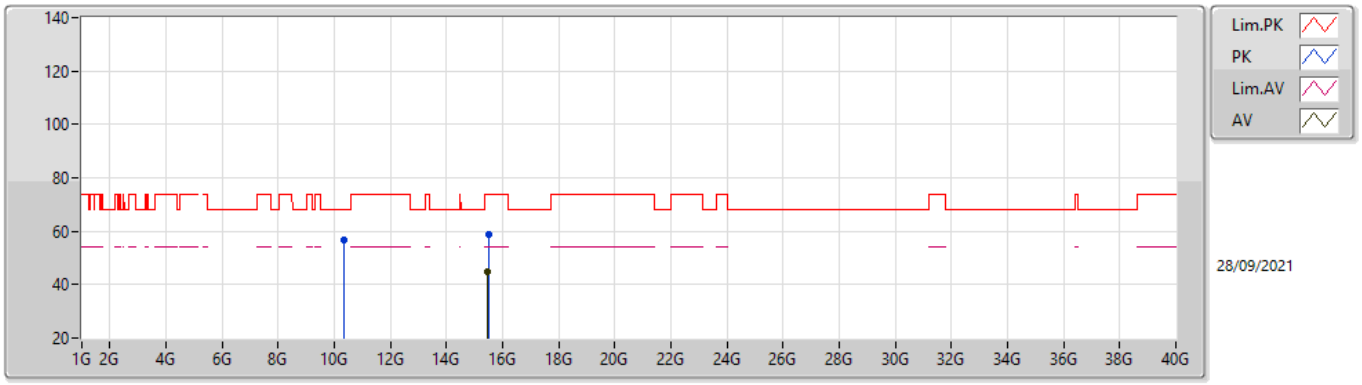


EUT Z_1TX
Setting 0x06
01-A-R-5

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	10.32446G	55.03	68.20	-13.17	42.65	3	Vertical	38	2.19	-	38.12	7.41	33.15
PK	15.49257G	58.95	74.00	-15.05	44.44	3	Vertical	67	1.73	-	38.12	9.20	32.81
AV	15.48237G	44.64	54.00	-9.36	30.09	3	Vertical	67	1.73	-	38.15	9.20	32.80

4-DQPSK,4M

5162.35MHz_TnomVnom

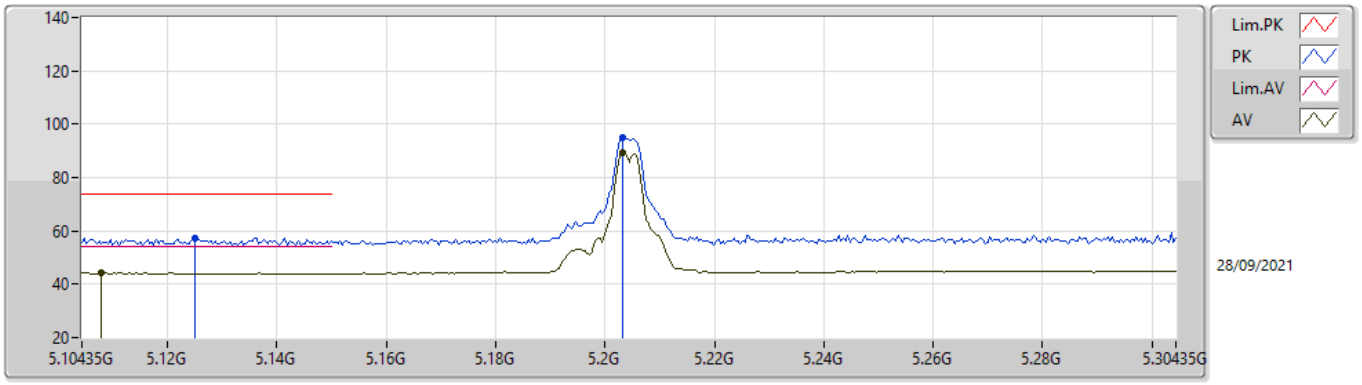


EUT Z_1TX
Setting 0x06
01-A-R-5

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	10.325G	56.62	68.20	-11.58	44.24	3	Horizontal	183	2.20	-	38.12	7.41	33.15
PK	15.48555G	58.98	74.00	-15.02	44.44	3	Horizontal	274	2.76	-	38.14	9.20	32.80
AV	15.47919G	44.70	54.00	-9.30	30.14	3	Horizontal	274	2.76	-	38.16	9.20	32.80

4-DQPSK,4M

5204.35MHz_TnomVnom

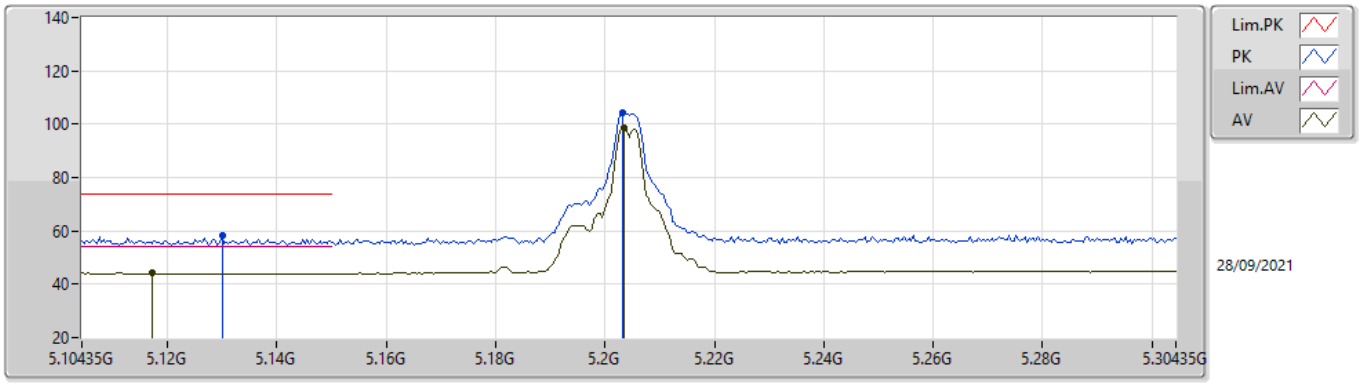


EUT Z_1TX
Setting 0x06
01-A-R-5-10

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	5.12515G	57.16	74.00	-16.84	52.34	3	Vertical	187	2.61	-	32.60	5.16	32.94
AV	5.10795G	44.18	54.00	-9.82	39.38	3	Vertical	187	2.61	-	32.60	5.15	32.95
PK	5.20315G	94.79	Inf	-Inf	89.82	3	Vertical	187	2.61	-	32.71	5.20	32.94
AV	5.20315G	89.50	Inf	-Inf	84.53	3	Vertical	187	2.61	-	32.71	5.20	32.94

4-DQPSK,4M

5204.35MHz_TnomVnom

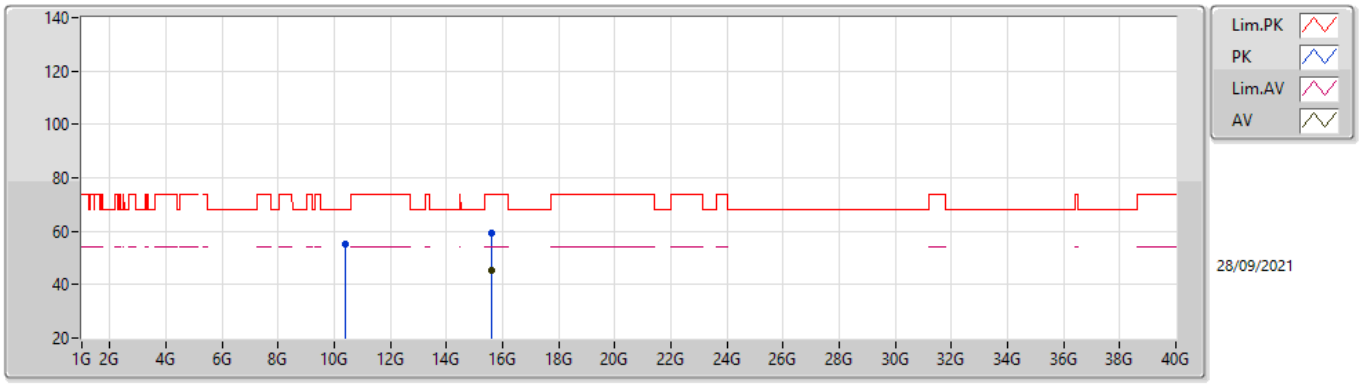


EUT Z_1TX
Setting 0x06
01-A-R-5-10

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	5.12995G	58.33	74.00	-15.67	53.51	3	Horizontal	144	2.47	-	32.60	5.16	32.94
AV	5.11715G	44.14	54.00	-9.86	39.33	3	Horizontal	144	2.47	-	32.60	5.16	32.95
PK	5.20315G	104.19	Inf	-Inf	99.22	3	Horizontal	144	2.47	-	32.71	5.20	32.94
AV	5.20355G	98.83	Inf	-Inf	93.86	3	Horizontal	144	2.47	-	32.71	5.20	32.94

4-DQPSK,4M

5204.35MHz_TnomVnom

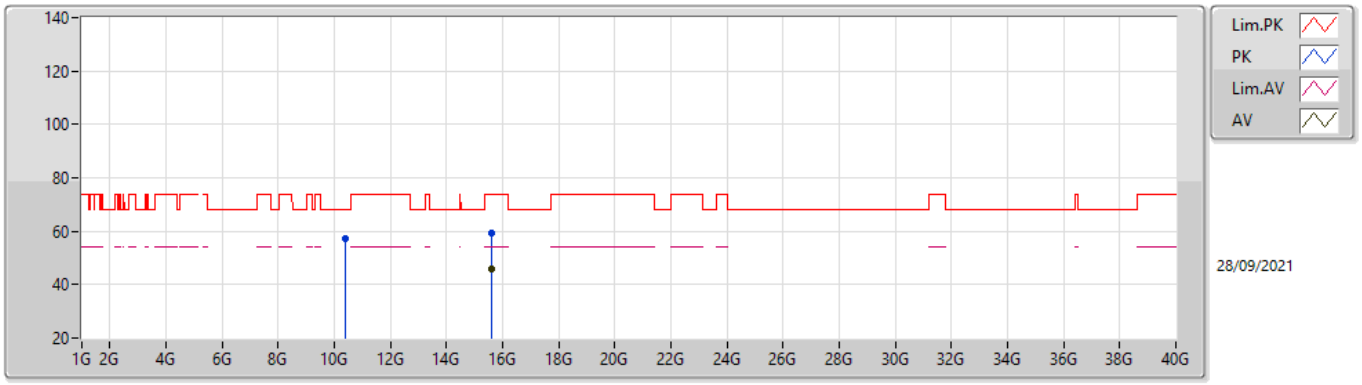


EUT Z_1TX
Setting 0x06
01-A-R-5

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	10.4047G	54.93	68.20	-13.27	42.37	3	Vertical	16.8	2.14	-	38.21	7.44	33.09
PK	15.60829G	59.38	74.00	-14.62	44.65	3	Vertical	202	1.27	-	38.31	9.22	32.80
AV	15.60901G	45.57	54.00	-8.43	30.84	3	Vertical	202	1.27	-	38.31	9.22	32.80

4-DQPSK,4M

5204.35MHz_TnomVnom

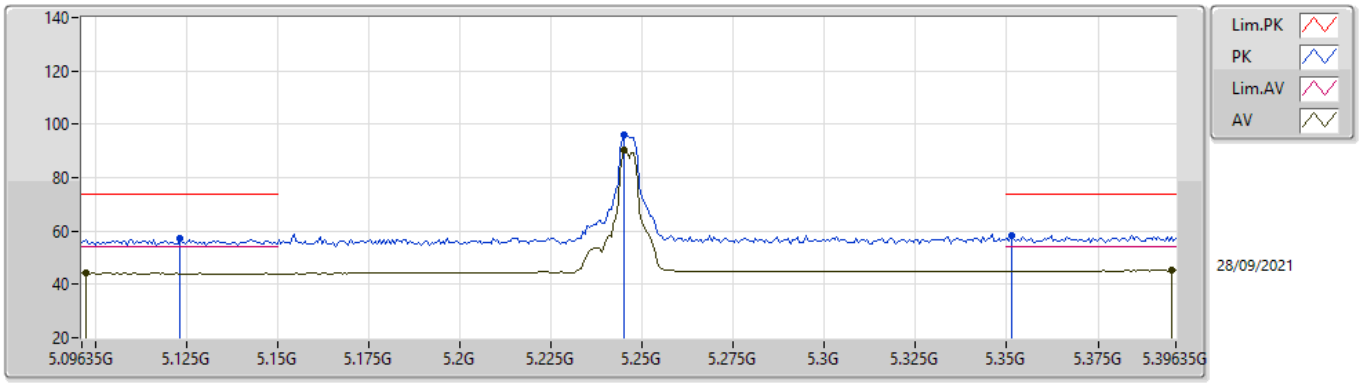


EUT Z_1TX
Setting 0x06
01-A-R-5

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	10.40886G	57.36	68.20	-10.84	44.78	3	Horizontal	183	2.07	-	38.22	7.44	33.08
PK	15.62105G	59.41	74.00	-14.59	44.67	3	Horizontal	277	1.29	-	38.32	9.22	32.80
AV	15.61405G	45.64	54.00	-8.36	30.91	3	Horizontal	277	1.29	-	38.31	9.22	32.80

4-DQPSK,4M

5246.35MHz_TnomVnom

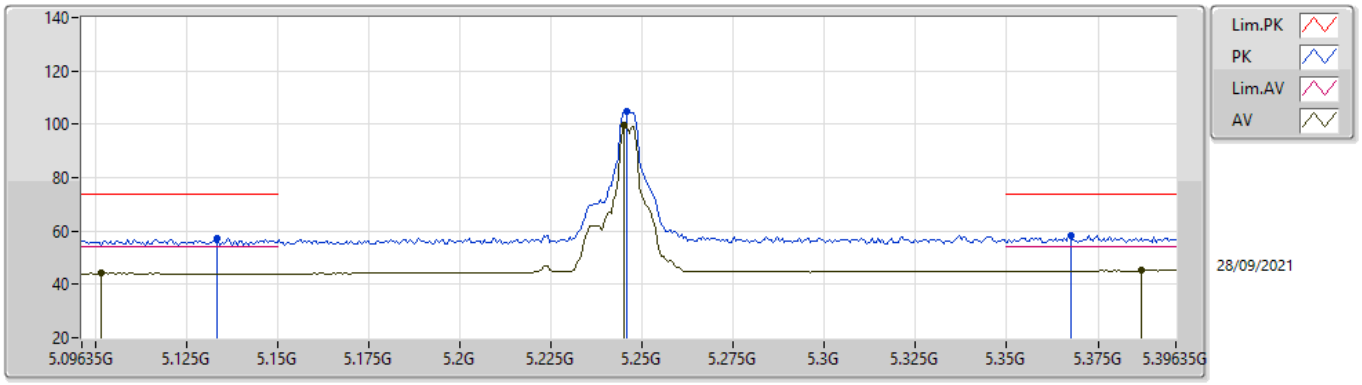


EUT Z_1TX
Setting 0x06
01-A-R-5-10

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	5.12335G	57.09	74.00	-16.91	52.28	3	Vertical	187	2.58	-	32.60	5.16	32.95
AV	5.09755G	44.13	54.00	-9.87	39.33	3	Vertical	187	2.58	-	32.60	5.15	32.95
PK	5.24515G	95.79	Inf	-Inf	90.68	3	Vertical	187	2.58	-	32.79	5.25	32.93
AV	5.24515G	90.36	Inf	-Inf	85.25	3	Vertical	187	2.58	-	32.79	5.25	32.93
PK	5.35135G	58.33	74.00	-15.67	52.99	3	Vertical	187	2.58	-	32.91	5.35	32.92
AV	5.39515G	45.28	54.00	-8.72	39.62	3	Vertical	187	2.58	-	33.17	5.40	32.91

4-DQPSK,4M

5246.35MHz_TnomVnom

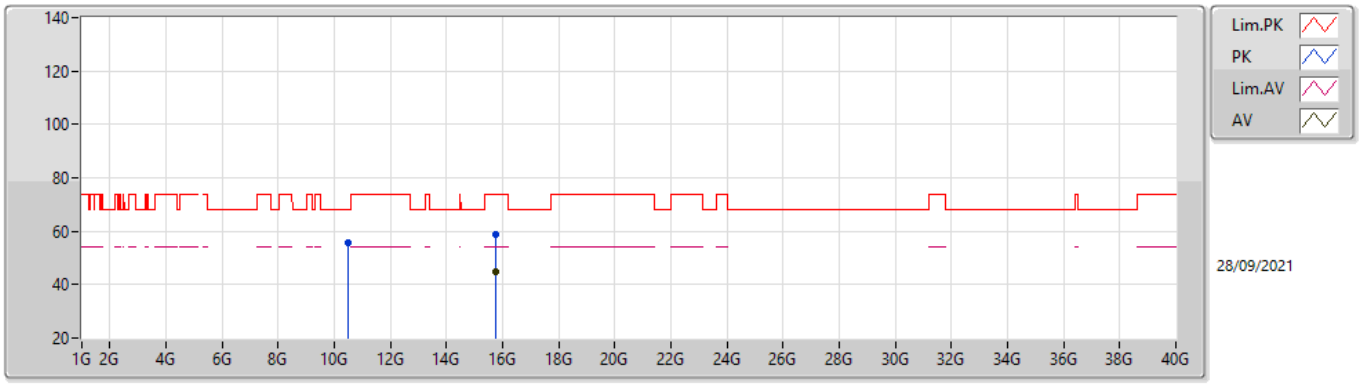


EUT Z_1TX
Setting 0x06
01-A-R-5-10

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	5.13355G	57.34	74.00	-16.66	52.51	3	Horizontal	145	2.42	-	32.60	5.17	32.94
AV	5.10175G	44.18	54.00	-9.82	39.38	3	Horizontal	145	2.42	-	32.60	5.15	32.95
PK	5.24575G	104.66	Inf	-Inf	99.55	3	Horizontal	145	2.42	-	32.79	5.25	32.93
AV	5.24515G	99.42	Inf	-Inf	94.31	3	Horizontal	145	2.42	-	32.79	5.25	32.93
PK	5.36755G	58.48	74.00	-15.52	53.02	3	Horizontal	145	2.42	-	33.01	5.37	32.92
AV	5.38675G	45.23	54.00	-8.77	39.63	3	Horizontal	145	2.42	-	33.12	5.39	32.91

4-DQPSK,4M

5246.35MHz_TnomVnom

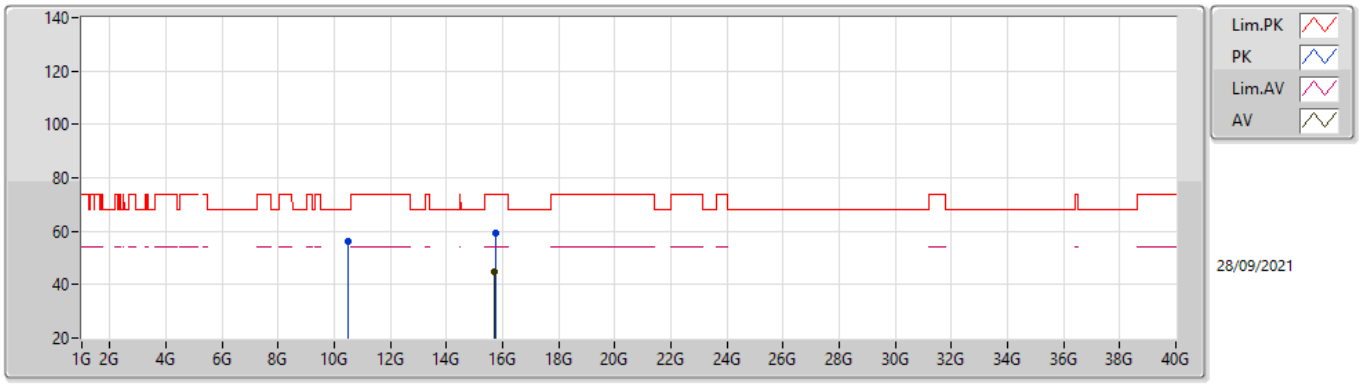


EUT Z_1TX
Setting 0x06
01-A-R-5

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	10.49278G	55.49	68.20	-12.71	42.65	3	Vertical	154	2.58	-	38.39	7.47	33.02
PK	15.73637G	58.84	74.00	-15.16	43.97	3	Vertical	82	2.61	-	38.40	9.25	32.78
AV	15.73169G	44.86	54.00	-9.14	29.99	3	Vertical	82	2.61	-	38.40	9.25	32.78

4-DQPSK,4M

5246.35MHz_TnomVnom



EUT Z_1TX
Setting 0x06
01-A-R-5

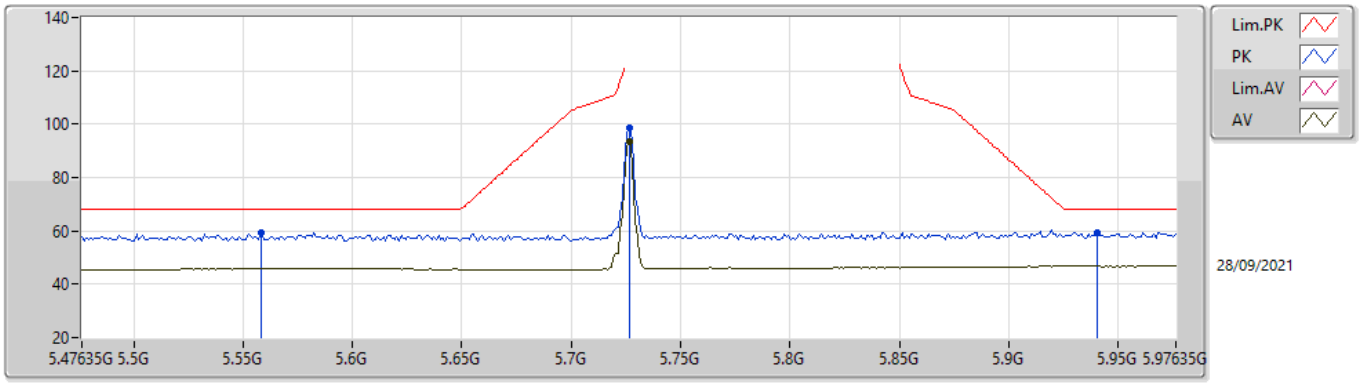
Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.4921G	56.20	68.20	-12.00	43.37	3	Horizontal	255	2.99	-	38.38	7.47	33.02
PK	15.72973G	59.38	74.00	-14.62	44.51	3	Horizontal	211	1.44	-	38.40	9.25	32.78
AV	15.72905G	44.86	54.00	-9.14	29.99	3	Horizontal	211	1.44	-	38.40	9.25	32.78

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
4-DQPSK,2M	Pass	PK	6.03635G	61.10	68.20	-7.10	3	Vertical	255	3.00	-

4-DQPSK,2M

5726.35MHz_TnomVnom

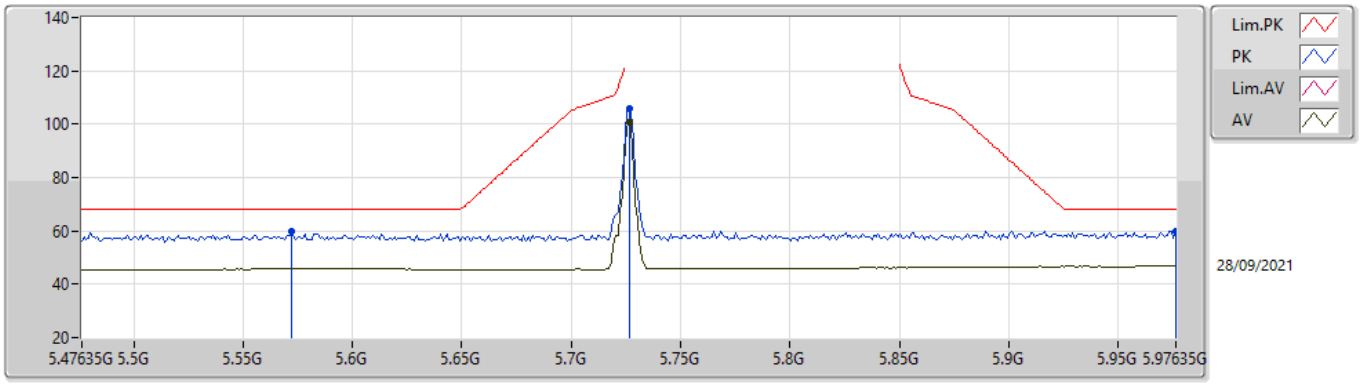


EUT Z_1TX
Setting 0x06
01-A-R-5-10

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	5.55835G	59.40	68.20	-8.80	53.19	3	Vertical	178	2.94	-	33.72	5.40	32.91
PK	5.72635G	98.56	Inf	-Inf	92.01	3	Vertical	178	2.94	-	34.01	5.46	32.92
AV	5.72635G	93.56	Inf	-Inf	87.01	3	Vertical	178	2.94	-	34.01	5.46	32.92
PK	5.94035G	59.27	68.20	-8.93	51.75	3	Vertical	178	2.94	-	34.96	5.50	32.94

4-DQPSK,2M

5726.35MHz_TnomVnom

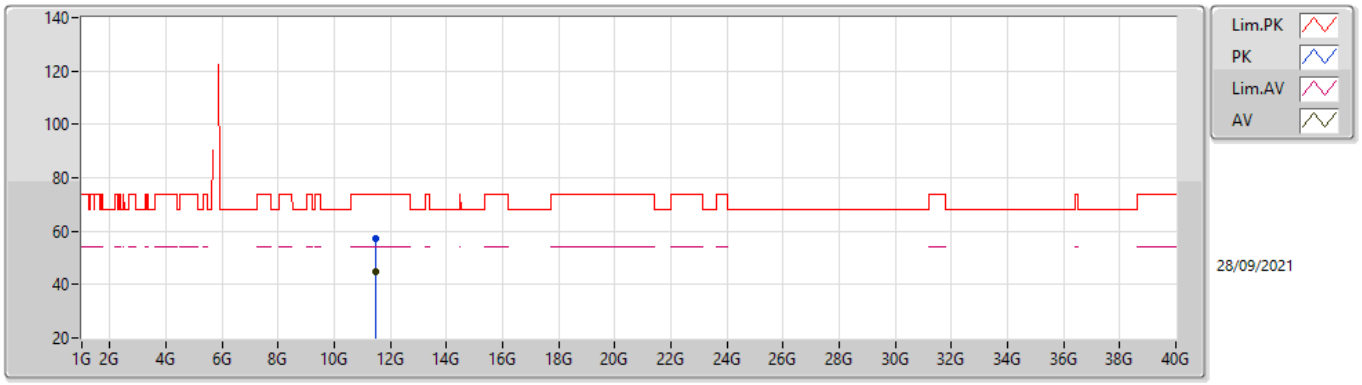


EUT Z_1TX
Setting 0x06
01-A-R-5-10

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	5.57235G	59.96	68.20	-8.24	53.73	3	Horizontal	294	2.26	-	33.74	5.40	32.91
PK	5.72635G	105.68	Inf	-Inf	99.13	3	Horizontal	294	2.26	-	34.01	5.46	32.92
AV	5.72635G	100.75	Inf	-Inf	94.20	3	Horizontal	294	2.26	-	34.01	5.46	32.92
PK	5.97635G	59.96	68.20	-8.24	52.30	3	Horizontal	294	2.26	-	35.11	5.50	32.95

4-DQPSK,2M

5726.35MHz_TnomVnom

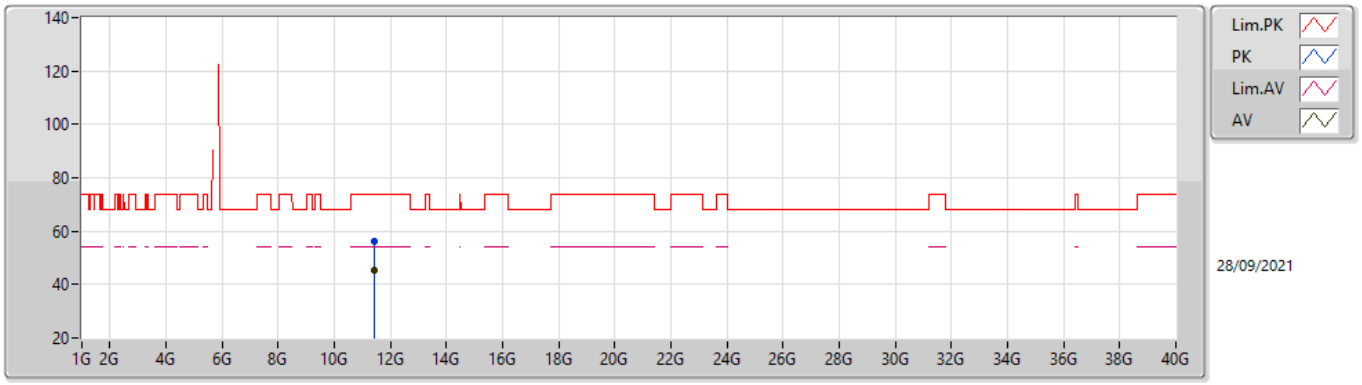


EUT Z_1TX
Setting 0x06
01-A-R-5

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	11.45288G	57.41	74.00	-16.59	44.00	3	Vertical	216	2.60	-	38.40	7.81	32.80
AV	11.45264G	44.67	54.00	-9.33	31.26	3	Vertical	216	2.60	-	38.40	7.81	32.80

4-DQPSK,2M

5726.35MHz_TnomVnom

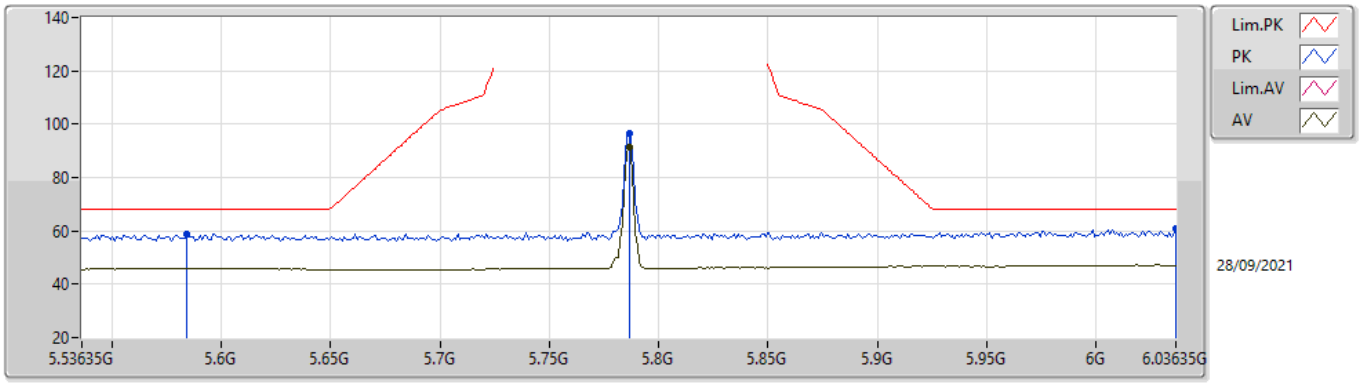


EUT Z_1TX
Setting 0x06
01-A-R-5

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	11.44988G	55.98	74.00	-18.02	42.57	3	Horizontal	153	2.10	-	38.40	7.81	32.80
AV	11.44988G	45.47	54.00	-8.53	32.06	3	Horizontal	153	2.10	-	38.40	7.81	32.80

4-DQPSK,2M

5786.35MHz_TnomVnom

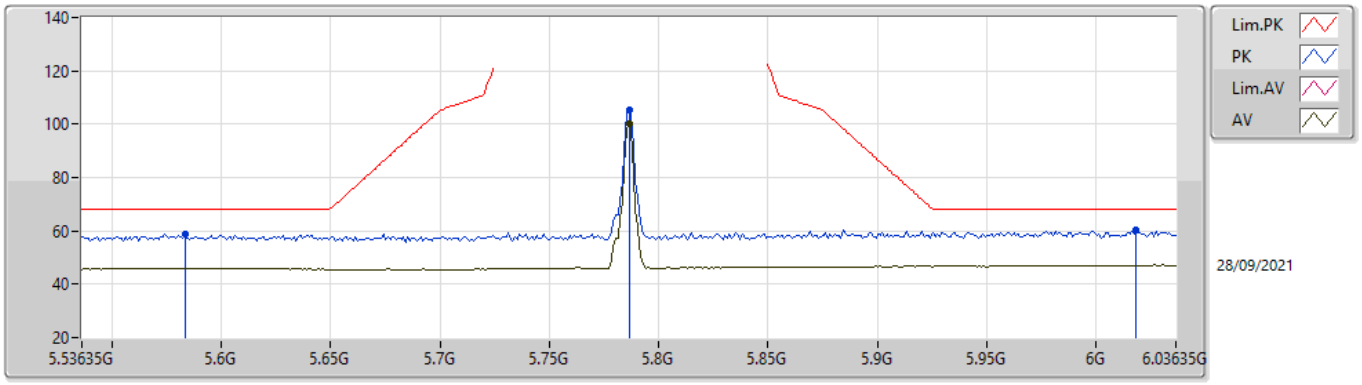


EUT Z_1TX
Setting 0x06
01-A-R-5-10

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	5.58435G	58.62	68.20	-9.58	52.36	3	Vertical	255	3.00	-	33.77	5.40	32.91
PK	5.78635G	96.37	Inf	-Inf	89.56	3	Vertical	255	3.00	-	34.25	5.49	32.93
AV	5.78635G	91.33	Inf	-Inf	84.52	3	Vertical	255	3.00	-	34.25	5.49	32.93
PK	6.03635G	61.10	68.20	-7.10	53.28	3	Vertical	255	3.00	-	35.20	5.57	32.95

4-DQPSK,2M

5786.35MHz_TnomVnom

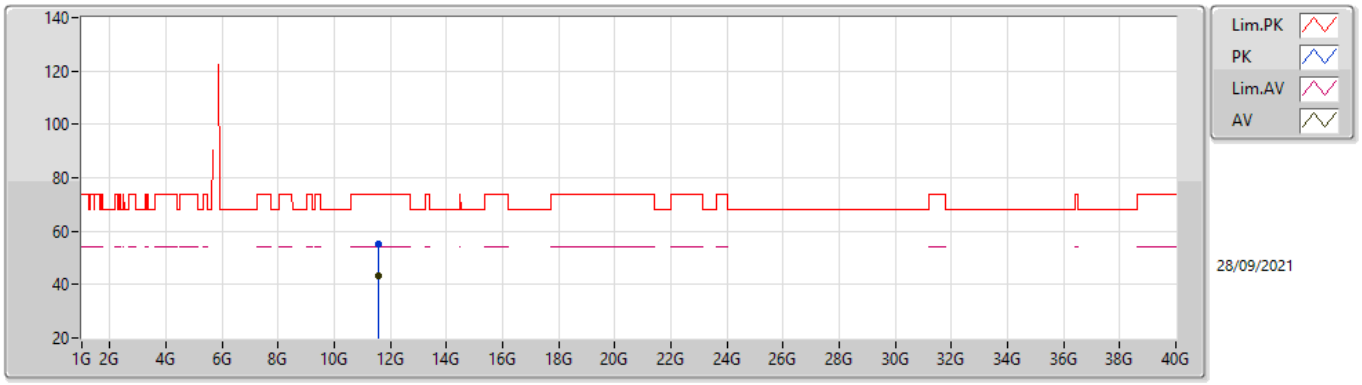


EUT Z_1TX
Setting 0x06
01-A-R-5-10

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	5.58335G	58.95	68.20	-9.25	52.69	3	Horizontal	292	2.24	-	33.77	5.40	32.91
PK	5.78635G	105.22	Inf	-Inf	98.41	3	Horizontal	292	2.24	-	34.25	5.49	32.93
AV	5.78635G	100.14	Inf	-Inf	93.33	3	Horizontal	292	2.24	-	34.25	5.49	32.93
PK	6.01835G	60.46	68.20	-7.74	52.67	3	Horizontal	292	2.24	-	35.20	5.54	32.95

4-DQPSK,2M

5786.35MHz_TnomVnom

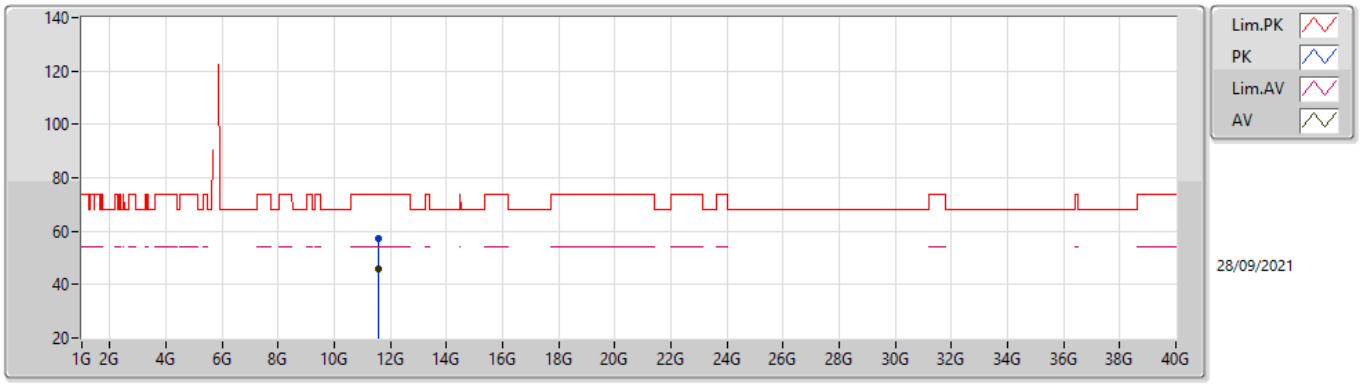


EUT Z_1TX
Setting 0x06
01-A-R-5

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	11.57372G	55.25	74.00	-18.75	41.82	3	Vertical	336	2.82	-	38.40	7.85	32.82
AV	11.56982G	43.18	54.00	-10.82	29.75	3	Vertical	336	2.82	-	38.40	7.85	32.82

4-DQPSK,2M

5786.35MHz_TnomVnom

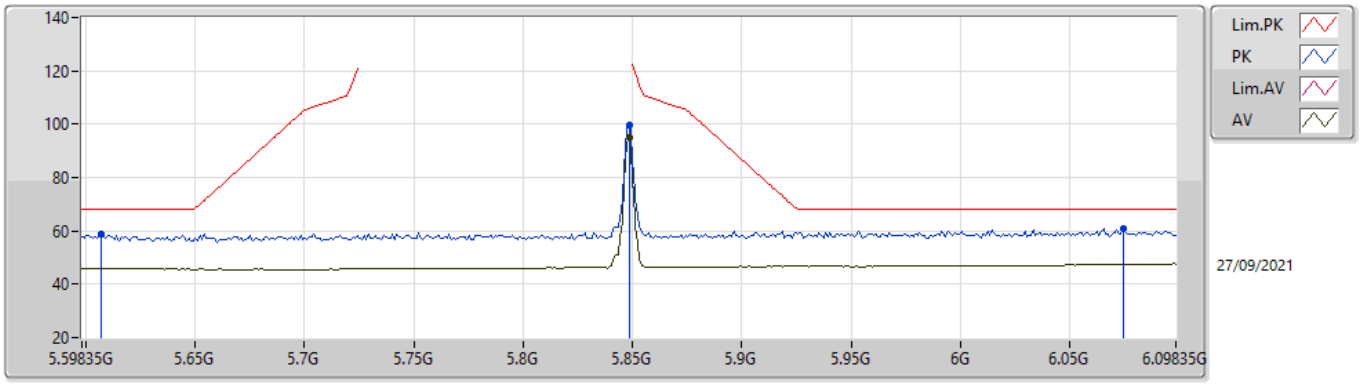


EUT Z_1TX
Setting 0x06
01-A-R-5

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	11.57276G	57.39	74.00	-16.61	43.96	3	Horizontal	148	2.12	-	38.40	7.85	32.82
AV	11.56982G	45.92	54.00	-8.08	32.49	3	Horizontal	148	2.12	-	38.40	7.85	32.82

4-DQPSK,2M

5848.35MHz_TnomVnom

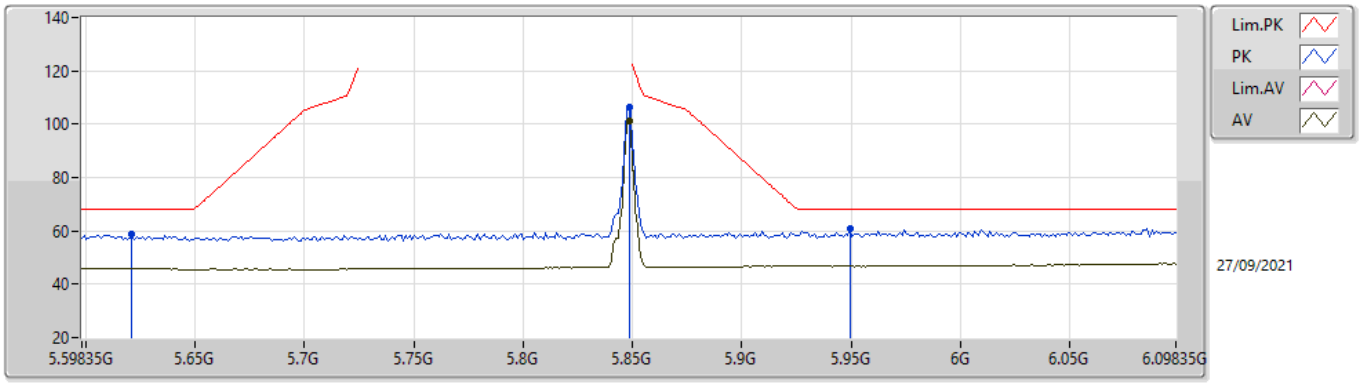


EUT Z_1TX
Setting 0x06
01-A-R-5-10

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	5.60735G	58.89	68.20	-9.31	52.59	3	Vertical	154	2.96	-	33.81	5.40	32.91
PK	5.84835G	99.89	Inf	-Inf	92.83	3	Vertical	154	2.96	-	34.49	5.50	32.93
AV	5.84835G	94.97	Inf	-Inf	87.91	3	Vertical	154	2.96	-	34.49	5.50	32.93
PK	6.07435G	60.62	68.20	-7.58	52.67	3	Vertical	154	2.96	-	35.25	5.65	32.95

4-DQPSK,2M

5848.35MHz_TnomVnom

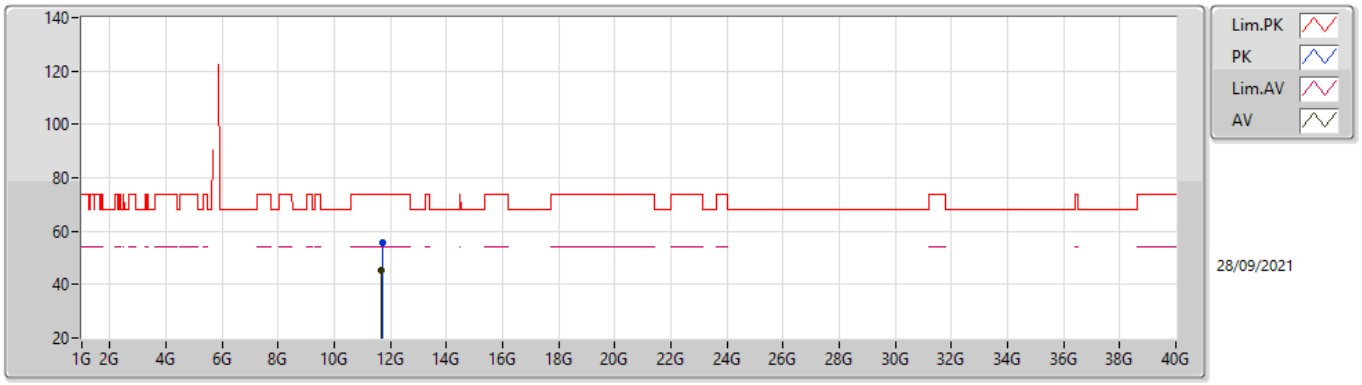


EUT Z_1TX
Setting 0x06
01-A-R-5-10

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	5.62135G	58.57	68.20	-9.63	52.23	3	Horizontal	293	2.24	-	33.84	5.41	32.91
PK	5.84835G	106.50	Inf	-Inf	99.44	3	Horizontal	293	2.24	-	34.49	5.50	32.93
AV	5.84835G	101.42	Inf	-Inf	94.36	3	Horizontal	293	2.24	-	34.49	5.50	32.93
PK	5.94935G	60.68	68.20	-7.52	53.12	3	Horizontal	293	2.24	-	35.00	5.50	32.94

4-DQPSK,2M

5848.35MHz_TnomVnom

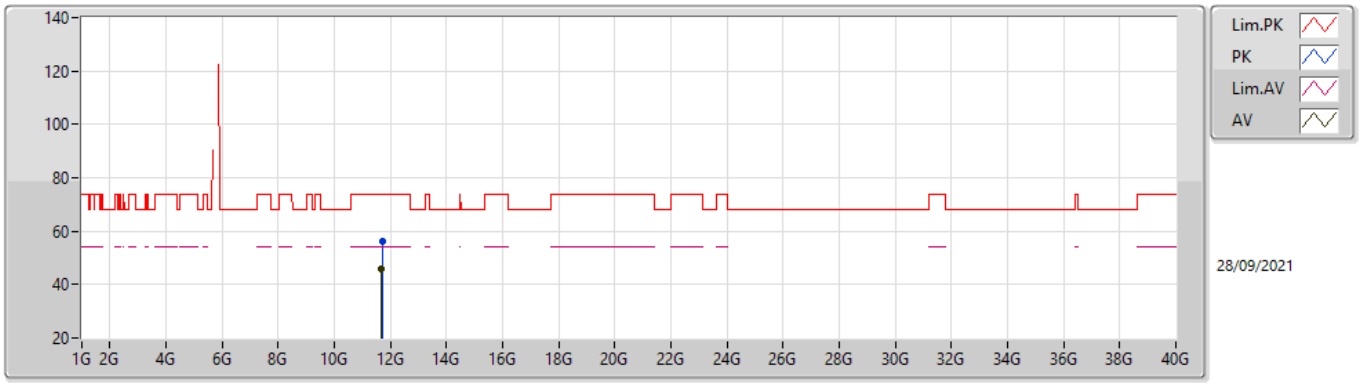


EUT Z_1TX
Setting 0x06
01-A-R-5

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	11.69676G	55.63	74.00	-18.37	42.08	3	Vertical	336	2.72	-	38.50	7.89	32.84
AV	11.69388G	45.10	54.00	-8.90	31.56	3	Vertical	336	2.72	-	38.49	7.89	32.84

4-DQPSK,2M

5848.35MHz_TnomVnom

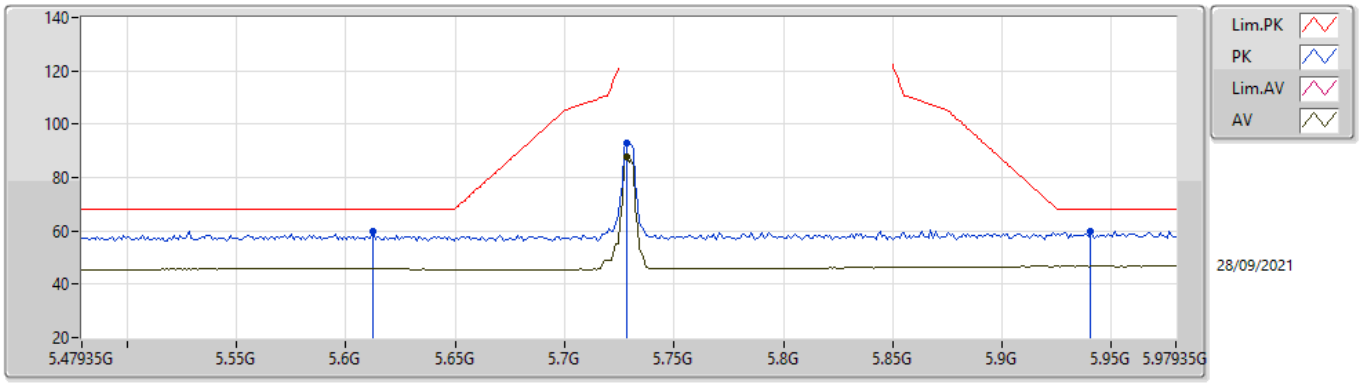


EUT Z_1TX
Setting 0x06
01-A-R-5

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	11.697G	56.23	74.00	-17.77	42.68	3	Horizontal	151	2.84	-	38.50	7.89	32.84
AV	11.69388G	46.06	54.00	-7.94	32.52	3	Horizontal	151	2.84	-	38.49	7.89	32.84

4-DQPSK,4M

5729.35MHz_TnomVnom

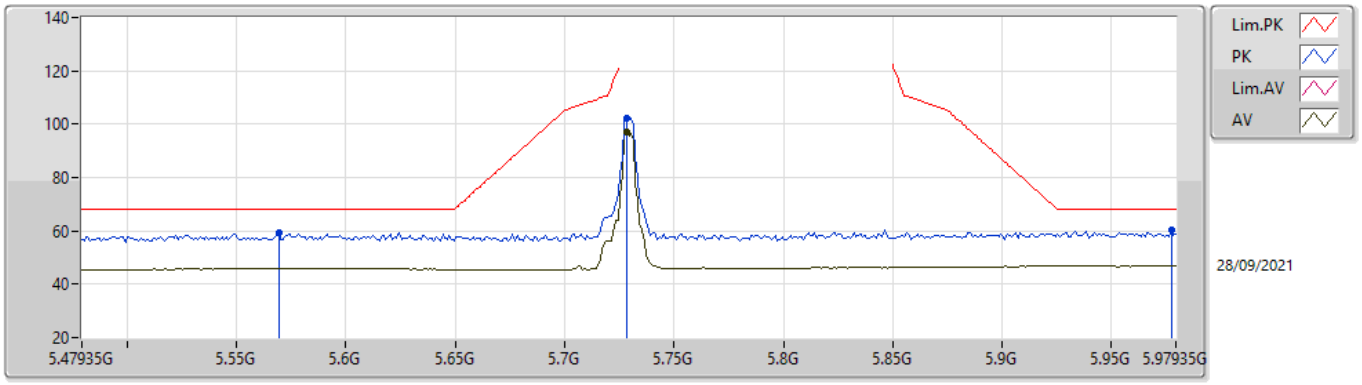


EUT Z_1TX
Setting 0x06
01-A-R-5-10

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	5.61235G	59.69	68.20	-8.51	53.37	3	Vertical	253	2.20	-	33.82	5.41	32.91
PK	5.72835G	92.81	Inf	-Inf	86.26	3	Vertical	253	2.20	-	34.01	5.46	32.92
AV	5.72835G	87.65	Inf	-Inf	81.10	3	Vertical	253	2.20	-	34.01	5.46	32.92
PK	5.94035G	59.60	68.20	-8.60	52.08	3	Vertical	253	2.20	-	34.96	5.50	32.94

4-DQPSK,4M

5729.35MHz_TnomVnom

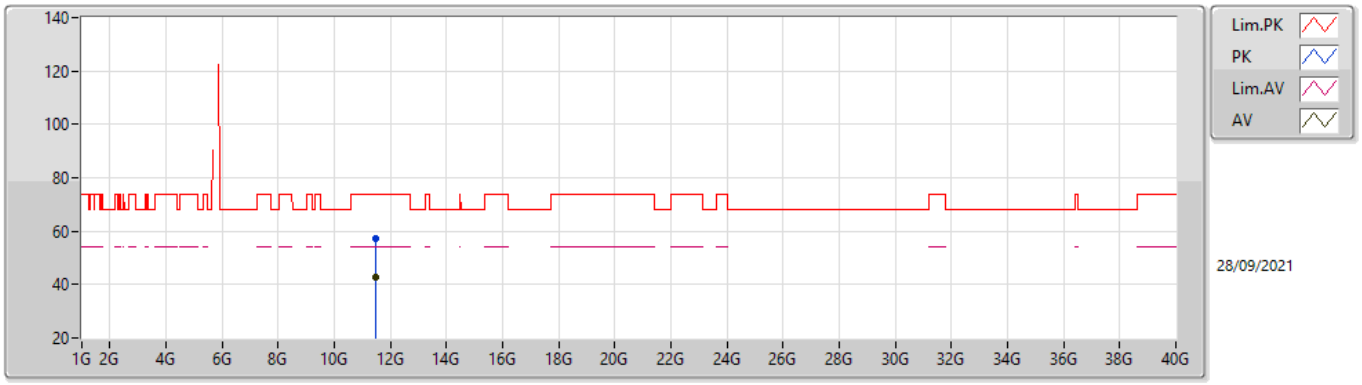


EUT Z_1TX
Setting 0x06
01-A-R-5-10

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	5.56935G	59.23	68.20	-8.97	53.00	3	Horizontal	293	2.26	-	33.74	5.40	32.91
PK	5.72835G	102.41	Inf	-Inf	95.86	3	Horizontal	293	2.26	-	34.01	5.46	32.92
AV	5.72835G	97.16	Inf	-Inf	90.61	3	Horizontal	293	2.26	-	34.01	5.46	32.92
PK	5.97735G	60.39	68.20	-7.81	52.73	3	Horizontal	293	2.26	-	35.11	5.50	32.95

4-DQPSK,4M

5729.35MHz_TnomVnom

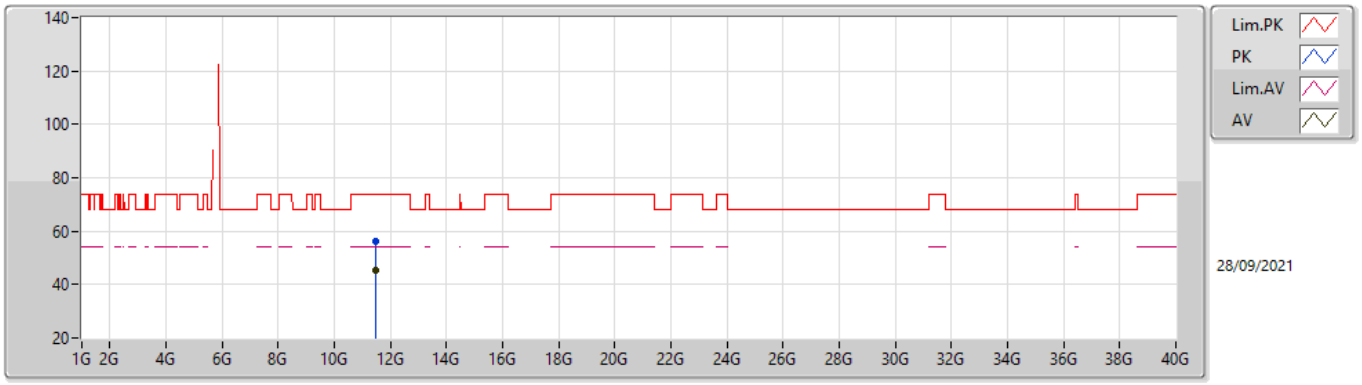


EUT Z_1TX
Setting 0x06
01-A-R-5

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	11.45912G	57.08	74.00	-16.92	43.68	3	Vertical	317	2.89	-	38.40	7.81	32.81
AV	11.45858G	42.81	54.00	-11.19	29.41	3	Vertical	317	2.89	-	38.40	7.81	32.81

4-DQPSK,4M

5729.35MHz_TnomVnom

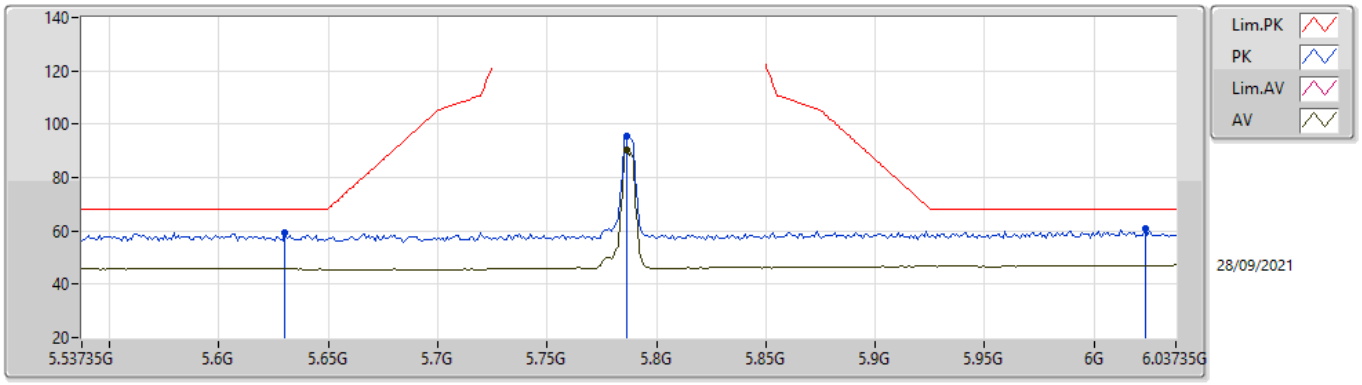


EUT Z_1TX
Setting 0x06
01-A-R-5

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	11.4536G	56.05	74.00	-17.95	42.64	3	Horizontal	151	2.09	-	38.40	7.81	32.80
AV	11.45396G	45.45	54.00	-8.55	32.04	3	Horizontal	151	2.09	-	38.40	7.81	32.80

4-DQPSK,4M

5787.35MHz_TnomVnom

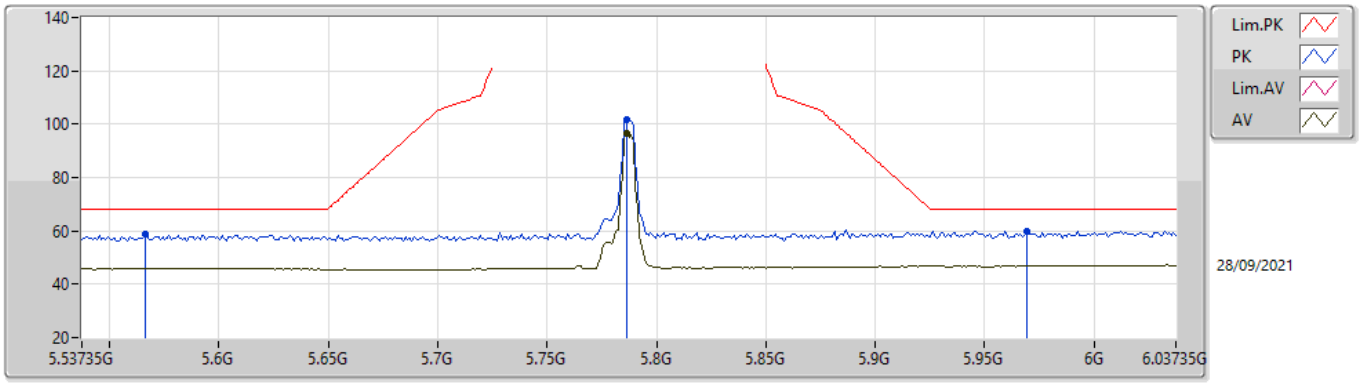


EUT Z_1TX
Setting 0x06
01-A-R-5-10

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	5.63035G	59.28	68.20	-8.92	52.91	3	Vertical	178	2.90	-	33.86	5.42	32.91
PK	5.78635G	95.42	Inf	-Inf	88.61	3	Vertical	178	2.90	-	34.25	5.49	32.93
AV	5.78635G	90.17	Inf	-Inf	83.36	3	Vertical	178	2.90	-	34.25	5.49	32.93
PK	6.02335G	60.72	68.20	-7.48	52.92	3	Vertical	178	2.90	-	35.20	5.55	32.95

4-DQPSK,4M

5787.35MHz_TnomVnom

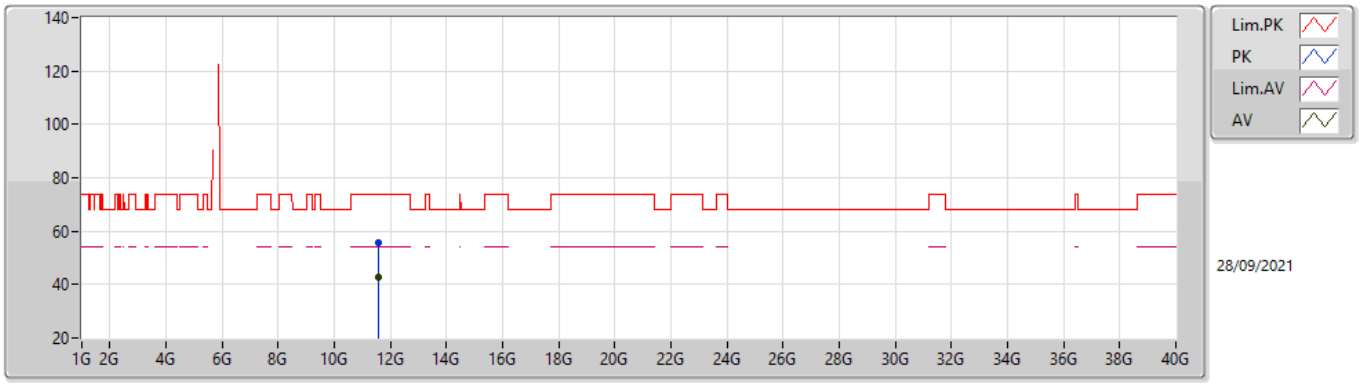


EUT Z_1TX
Setting 0x06
01-A-R-5-10

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	5.56635G	58.85	68.20	-9.35	52.63	3	Horizontal	293	2.22	-	33.73	5.40	32.91
PK	5.78635G	101.82	Inf	-Inf	95.01	3	Horizontal	293	2.22	-	34.25	5.49	32.93
AV	5.78635G	96.57	Inf	-Inf	89.76	3	Horizontal	293	2.22	-	34.25	5.49	32.93
PK	5.96935G	60.05	68.20	-8.15	52.42	3	Horizontal	293	2.22	-	35.08	5.50	32.95

4-DQPSK,4M

5787.35MHz_TnomVnom

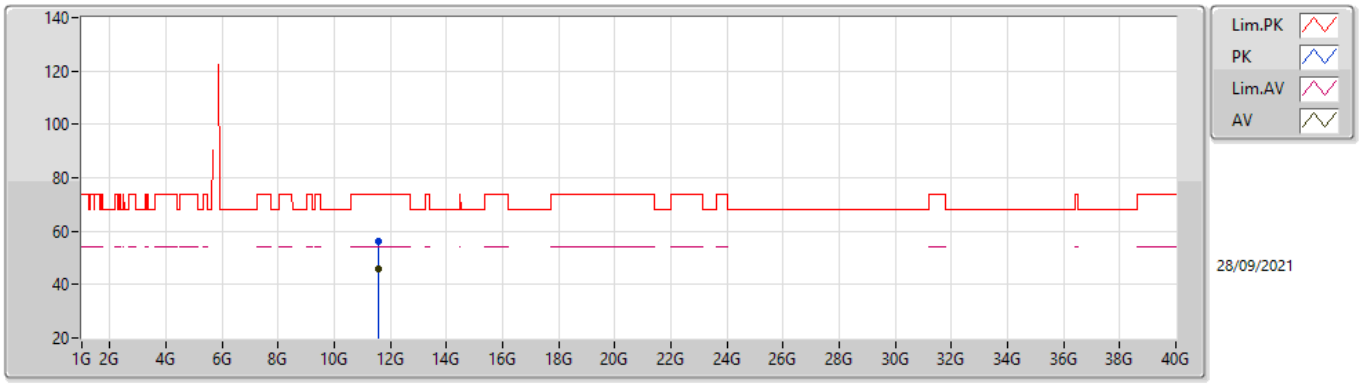


EUT Z_1TX
Setting 0x06
01-A-R-5

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	11.5699G	55.86	74.00	-18.14	42.43	3	Vertical	148	1.00	-	38.40	7.85	32.82
AV	11.56984G	42.76	54.00	-11.24	29.33	3	Vertical	148	1.00	-	38.40	7.85	32.82

4-DQPSK,4M

5787.35MHz_TnomVnom

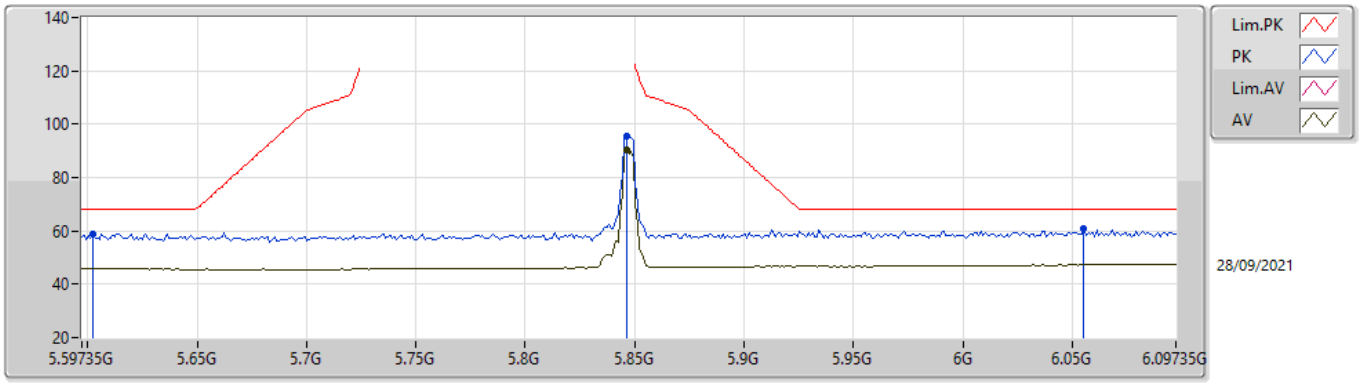


EUT Z_1TX
Setting 0x06
01-A-R-5

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	11.57428G	56.15	74.00	-17.85	42.72	3	Horizontal	151	2.15	-	38.40	7.85	32.82
AV	11.56984G	45.87	54.00	-8.13	32.44	3	Horizontal	151	2.15	-	38.40	7.85	32.82

4-DQPSK,4M

5847.35MHz_TnomVnom

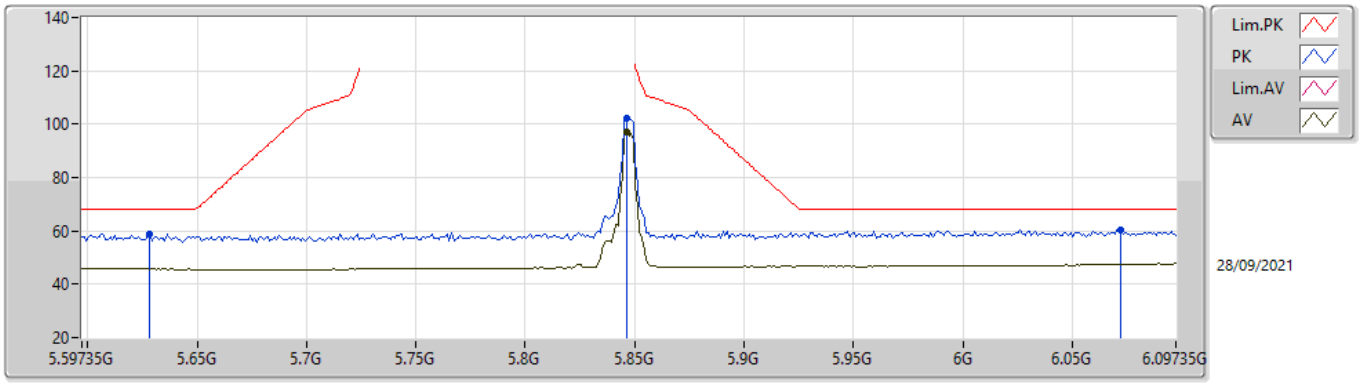


EUT Z_1TX
Setting 0x06
01-A-R-5-10

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	5.60235G	59.05	68.20	-9.15	52.76	3	Vertical	154	3.00	-	33.80	5.40	32.91
PK	5.84635G	95.69	Inf	-Inf	88.63	3	Vertical	154	3.00	-	34.49	5.50	32.93
AV	5.84635G	90.55	Inf	-Inf	83.49	3	Vertical	154	3.00	-	34.49	5.50	32.93
PK	6.05535G	60.91	68.20	-7.29	53.04	3	Vertical	154	3.00	-	35.21	5.61	32.95

4-DQPSK,4M

5847.35MHz_TnomVnom

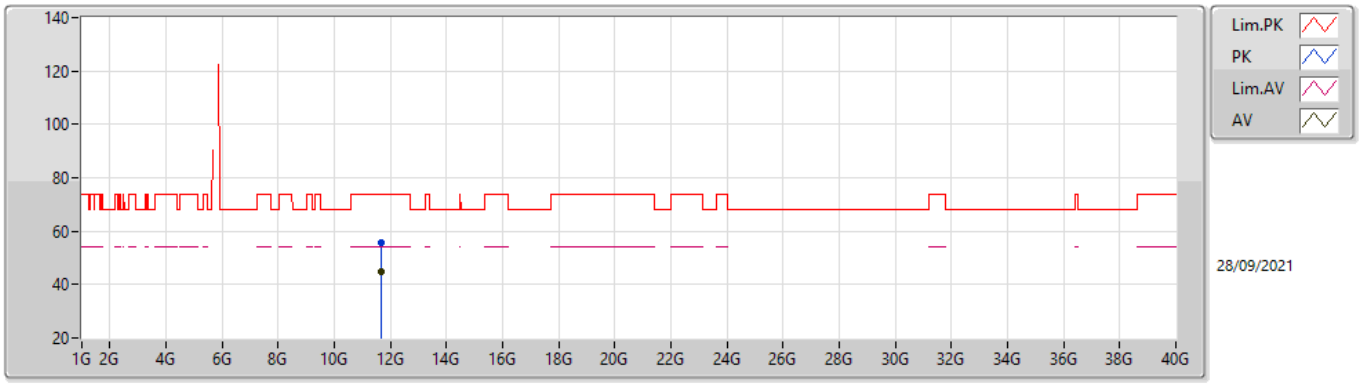


EUT Z_1TX
Setting 0x06
01-A-R-5-10

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	5.62835G	58.75	68.20	-9.45	52.39	3	Horizontal	295	1.00	-	33.86	5.41	32.91
PK	5.84635G	102.36	Inf	-Inf	95.30	3	Horizontal	295	1.00	-	34.49	5.50	32.93
AV	5.84635G	97.06	Inf	-Inf	90.00	3	Horizontal	295	1.00	-	34.49	5.50	32.93
PK	6.07235G	60.44	68.20	-7.76	52.51	3	Horizontal	295	1.00	-	35.24	5.64	32.95

4-DQPSK,4M

5847.35MHz_TnomVnom

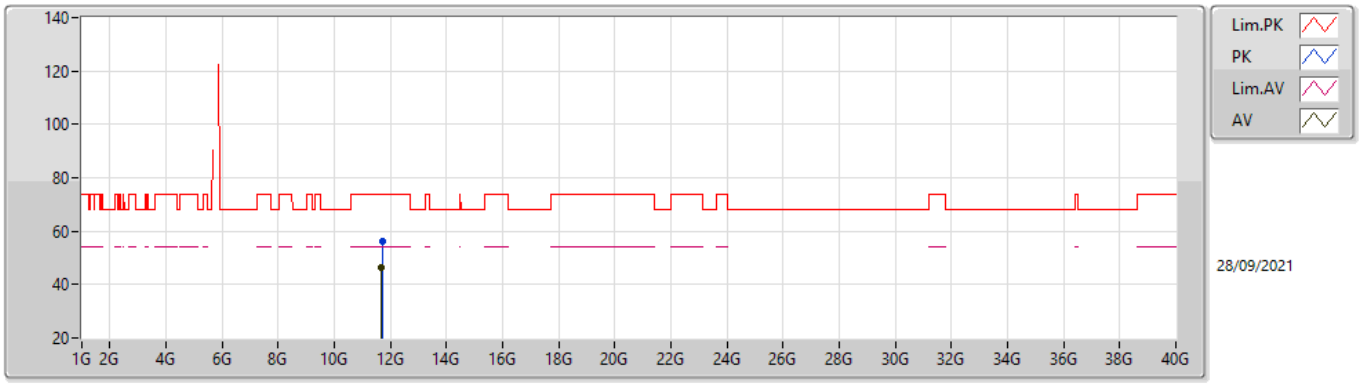


EUT Z_1TX
Setting 0x06
01-A-R-5

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	11.68978G	55.57	74.00	-18.43	42.03	3	Vertical	332	2.98	-	38.49	7.89	32.84
AV	11.6899G	44.67	54.00	-9.33	31.13	3	Vertical	332	2.98	-	38.49	7.89	32.84

4-DQPSK,4M

5847.35MHz_TnomVnom



EUT Z_1TX
Setting 0x06
01-A-R-5

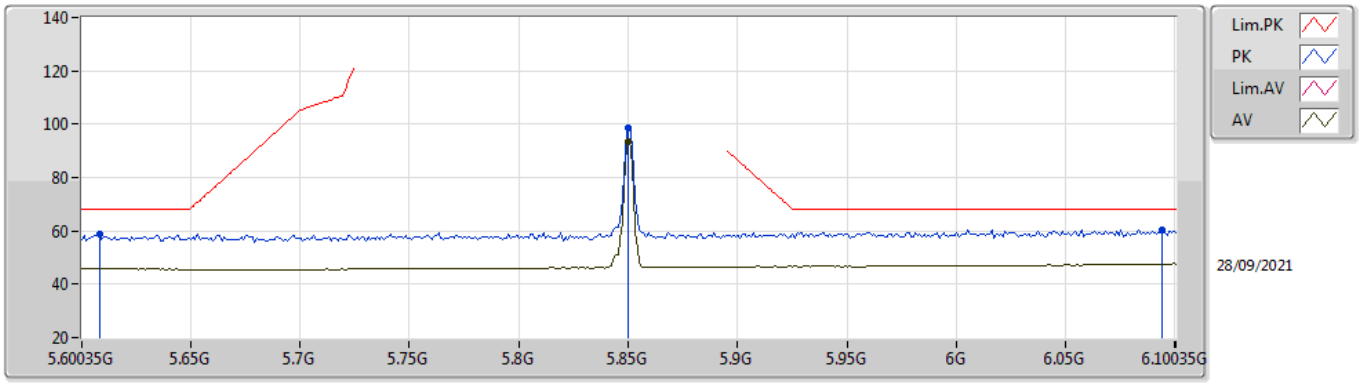
Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.69698G	56.18	74.00	-17.82	42.63	3	Horizontal	149	2.13	-	38.50	7.89	32.84
AV	11.6899G	46.34	54.00	-7.66	32.80	3	Horizontal	149	2.13	-	38.49	7.89	32.84

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.85-5.895GHz	-	-	-	-	-	-	-	-	-	-	-
4-DQPSK,2M	Pass	PK	6.08735G	61.83	68.20	-6.37	3	Horizontal	156	2.23	-

4-DQPSK,2M

5850.35MHz_TnomVnom

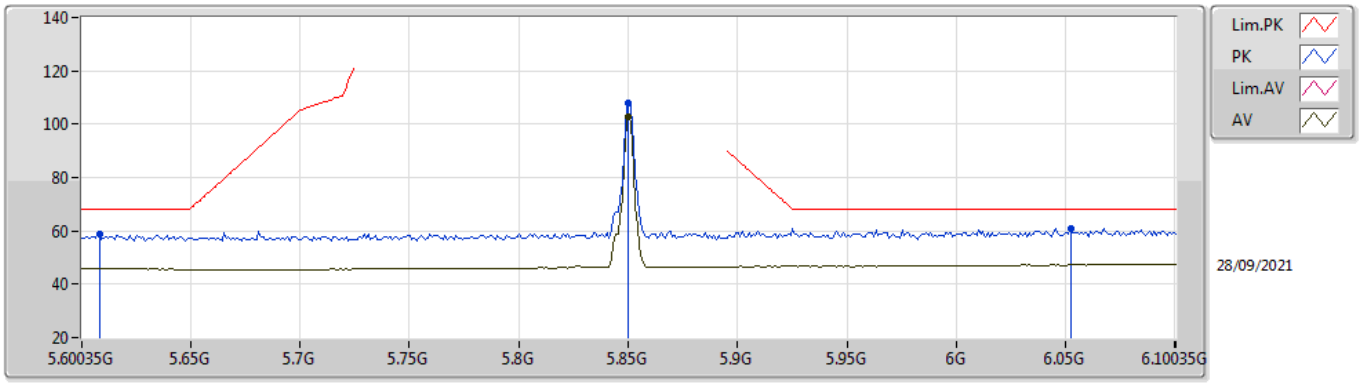


EUT Z_1TX
Setting 0X06
01-A-R-5-10

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	5.60835G	58.90	68.20	-9.30	52.59	3	Vertical	186	2.48	-	33.82	5.40	32.91
PK	5.85G	98.81	Inf	-Inf	91.75	3	Vertical	186	2.48	-	34.50	5.50	32.94
AV	5.85G	93.66	Inf	-Inf	86.60	3	Vertical	186	2.48	-	34.50	5.50	32.94
PK	6.09435G	60.41	68.20	-7.79	52.38	3	Vertical	186	2.48	-	35.29	5.69	32.95

4-DQPSK,2M

5850.35MHz_TnomVnom

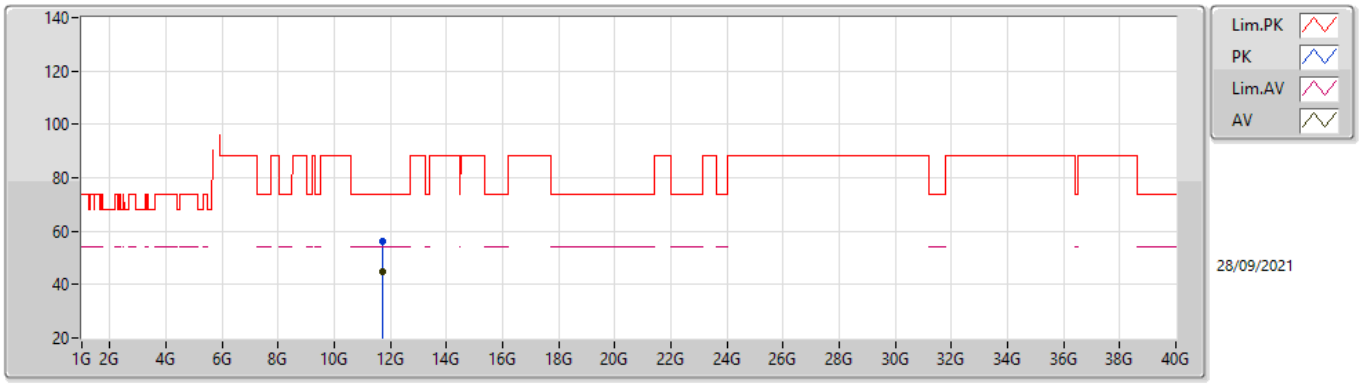


EUT Z_1TX
Setting 0X06
01-A-R-5-10

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	5.60835G	58.97	68.20	-9.23	52.66	3	Horizontal	158	2.29	-	33.82	5.40	32.91
PK	5.85G	107.77	Inf	-Inf	100.71	3	Horizontal	158	2.29	-	34.50	5.50	32.94
AV	5.85G	102.68	Inf	-Inf	95.62	3	Horizontal	158	2.29	-	34.50	5.50	32.94
PK	6.05235G	61.09	68.20	-7.11	53.24	3	Horizontal	158	2.29	-	35.20	5.60	32.95

4-DQPSK,2M

5850.35MHz_TnomVnom

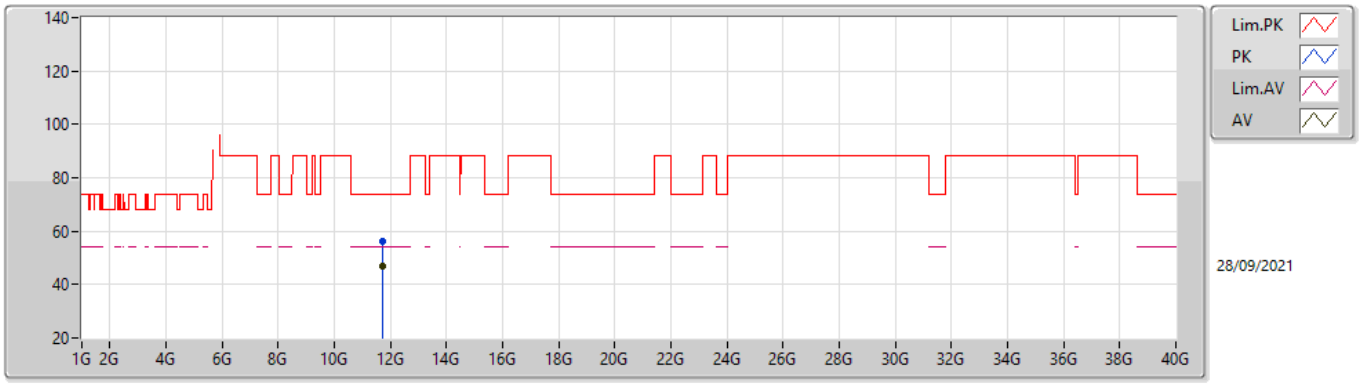


EUT Z_1TX
Setting 0X06
01-A-R-5

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	11.698G	56.31	74.00	-17.69	42.76	3	Vertical	176	2.72	-	38.50	7.89	32.84
AV	11.69794G	44.92	54.00	-9.08	31.37	3	Vertical	176	2.72	-	38.50	7.89	32.84

4-DQPSK,2M

5850.35MHz_TnomVnom

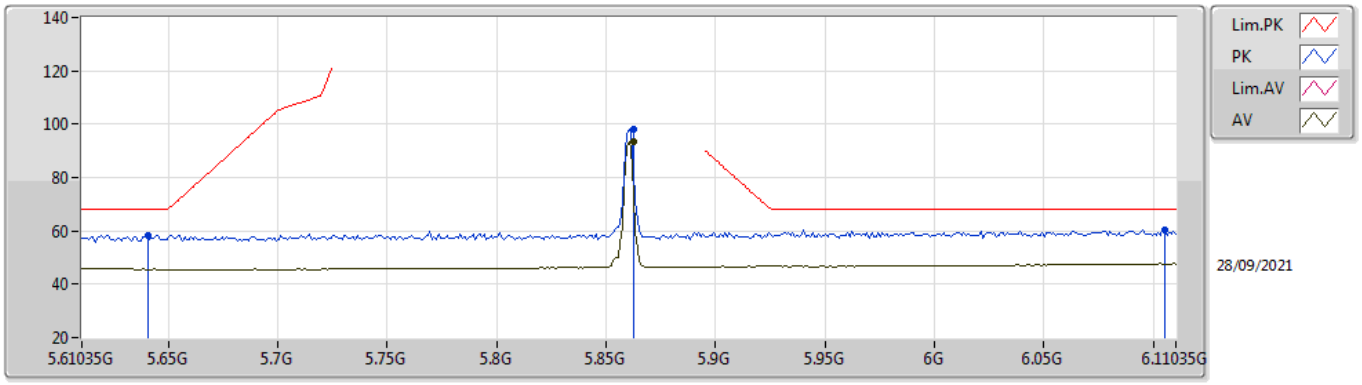


EUT Z_1TX
Setting 0X06
01-A-R-5

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	11.7013G	56.19	74.00	-17.81	42.63	3	Horizontal	156	2.11	-	38.50	7.90	32.84
AV	11.69794G	46.73	54.00	-7.27	33.18	3	Horizontal	156	2.11	-	38.50	7.89	32.84

4-DQPSK,2M

5862.35MHz_TnomVnom

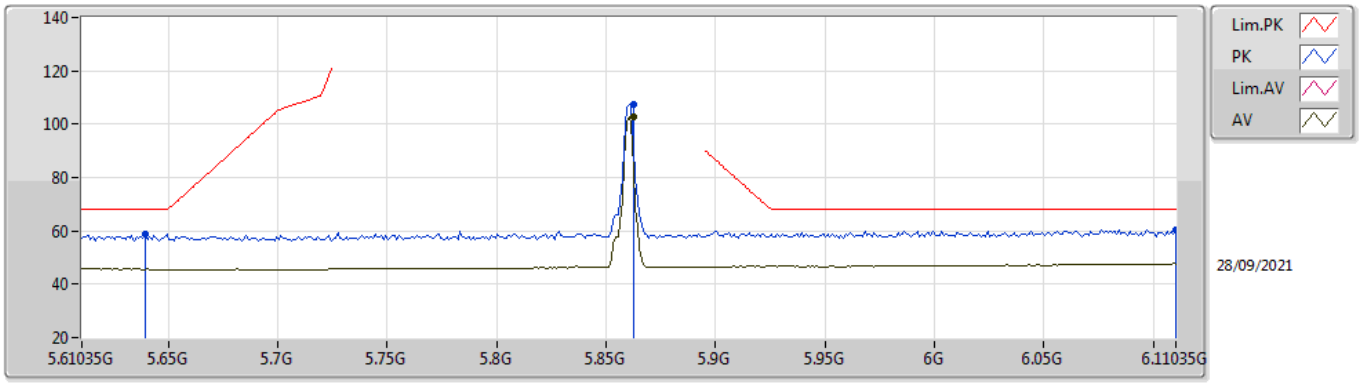


EUT Z_1TX
Setting 0X06
01-A-R-5-10

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	5.64035G	58.53	68.20	-9.67	52.14	3	Vertical	193	2.82	-	33.88	5.42	32.91
PK	5.86235G	98.33	Inf	-Inf	91.20	3	Vertical	193	2.82	-	34.57	5.50	32.94
AV	5.86235G	93.22	Inf	-Inf	86.09	3	Vertical	193	2.82	-	34.57	5.50	32.94
PK	6.10535G	60.40	68.20	-7.80	52.35	3	Vertical	193	2.82	-	35.29	5.71	32.95

4-DQPSK,2M

5862.35MHz_TnomVnom

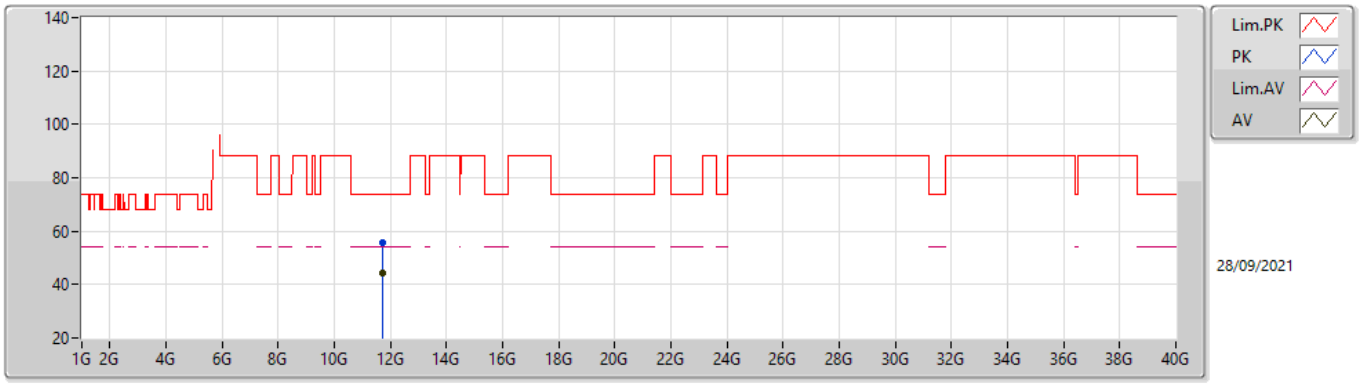


EUT Z_1TX
Setting 0X06
01-A-R-5-10

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	5.63935G	58.96	68.20	-9.24	52.57	3	Horizontal	157	2.30	-	33.88	5.42	32.91
PK	5.86235G	107.64	Inf	-Inf	100.51	3	Horizontal	157	2.30	-	34.57	5.50	32.94
AV	5.86235G	102.55	Inf	-Inf	95.42	3	Horizontal	157	2.30	-	34.57	5.50	32.94
PK	6.11035G	60.42	68.20	-7.78	52.37	3	Horizontal	157	2.30	-	35.28	5.72	32.95

4-DQPSK,2M

5862.35MHz_TnomVnom

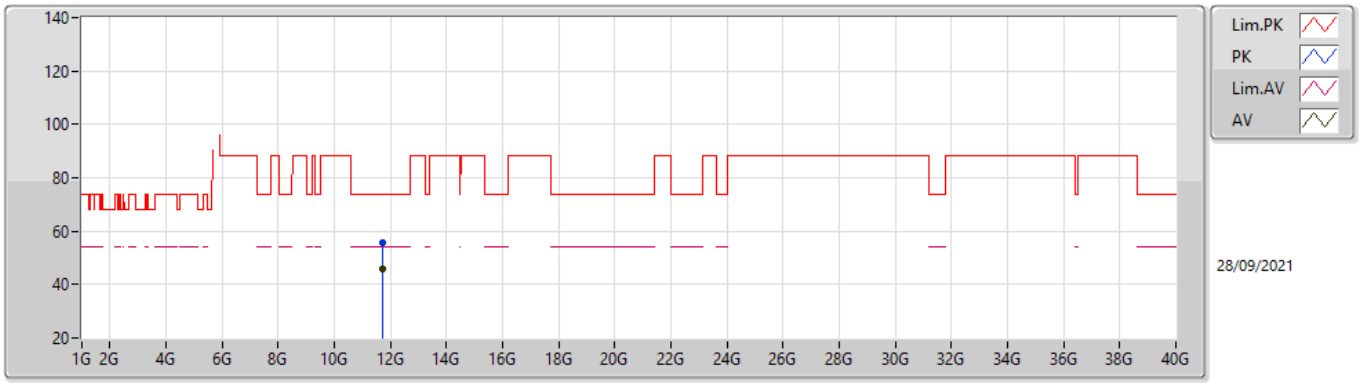


EUT Z_1TX
Setting 0X06
01-A-R-5

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	11.72178G	55.80	74.00	-18.20	42.26	3	Vertical	337	2.98	-	38.48	7.90	32.84
AV	11.71788G	44.56	54.00	-9.44	31.02	3	Vertical	337	2.98	-	38.48	7.90	32.84

4-DQPSK,2M

5862.35MHz_TnomVnom

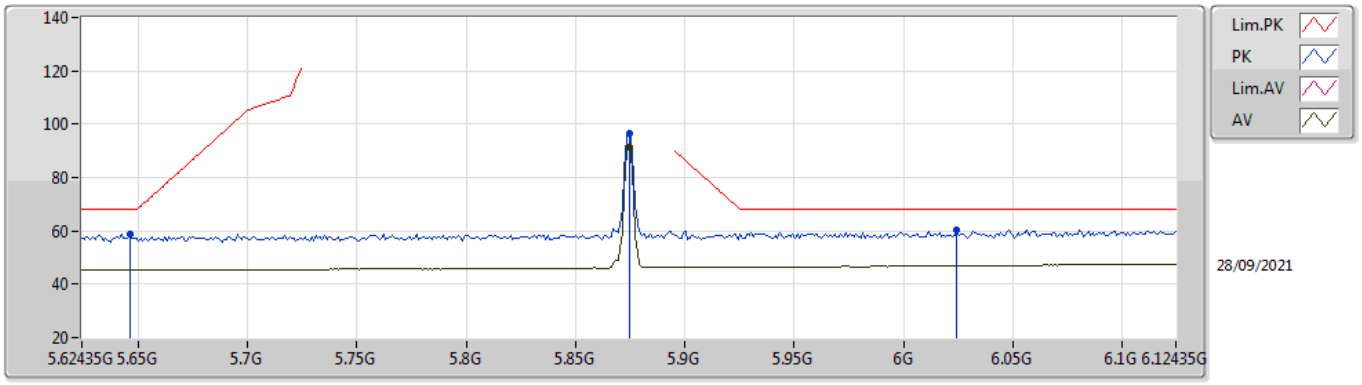


EUT Z_1TX
Setting 0X06
01-A-R-5

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	11.71788G	55.68	74.00	-18.32	42.14	3	Horizontal	151	2.10	-	38.48	7.90	32.84
AV	11.71788G	46.05	54.00	-7.95	32.51	3	Horizontal	151	2.10	-	38.48	7.90	32.84

4-DQPSK,2M

5874.35MHz_TnomVnom

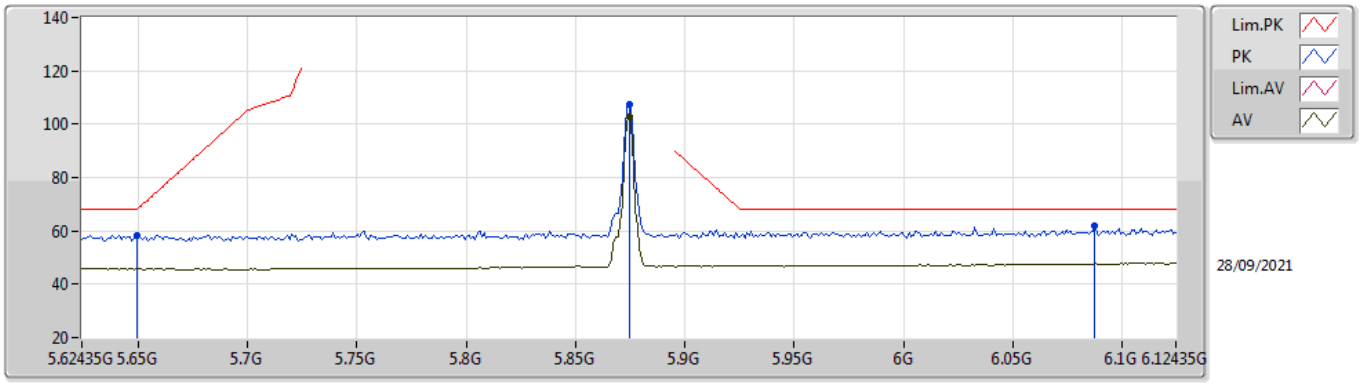


EUT Z_1TX
Setting 0X06
01-A-R-5-10

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	5.64635G	58.79	68.20	-9.41	52.39	3	Vertical	182	2.39	-	33.89	5.42	32.91
PK	5.87435G	96.77	Inf	-Inf	89.56	3	Vertical	182	2.39	-	34.65	5.50	32.94
AV	5.87435G	91.62	Inf	-Inf	84.41	3	Vertical	182	2.39	-	34.65	5.50	32.94
PK	6.02435G	60.46	68.20	-7.74	52.66	3	Vertical	182	2.39	-	35.20	5.55	32.95

4-DQPSK,2M

5874.35MHz_TnomVnom

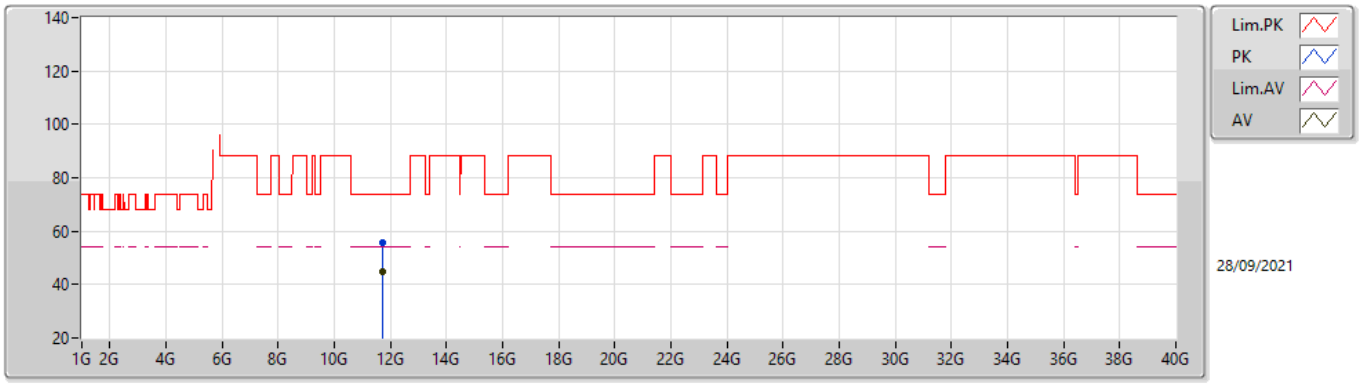


EUT Z_1TX
Setting 0X06
01-A-R-5-10

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	5.64935G	58.20	68.20	-10.00	51.79	3	Horizontal	156	2.23	-	33.90	5.42	32.91
PK	5.87435G	107.53	Inf	-Inf	100.32	3	Horizontal	156	2.23	-	34.65	5.50	32.94
AV	5.87435G	102.58	Inf	-Inf	95.37	3	Horizontal	156	2.23	-	34.65	5.50	32.94
PK	6.08735G	61.83	68.20	-6.37	53.84	3	Horizontal	156	2.23	-	35.27	5.67	32.95

4-DQPSK,2M

5874.35MHz_TnomVnom

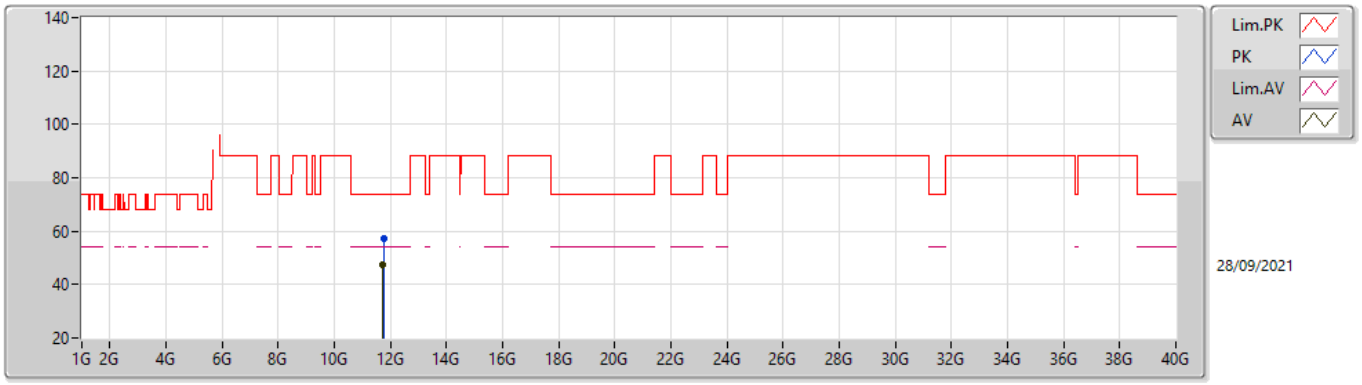


EUT Z_1TX
Setting 0X06
01-A-R-5

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	11.74138G	55.85	74.00	-18.15	42.32	3	Vertical	339	3.00	-	38.46	7.91	32.84
AV	11.74588G	44.70	54.00	-9.30	31.18	3	Vertical	339	3.00	-	38.45	7.91	32.84

4-DQPSK,2M

5874.35MHz_TnomVnom

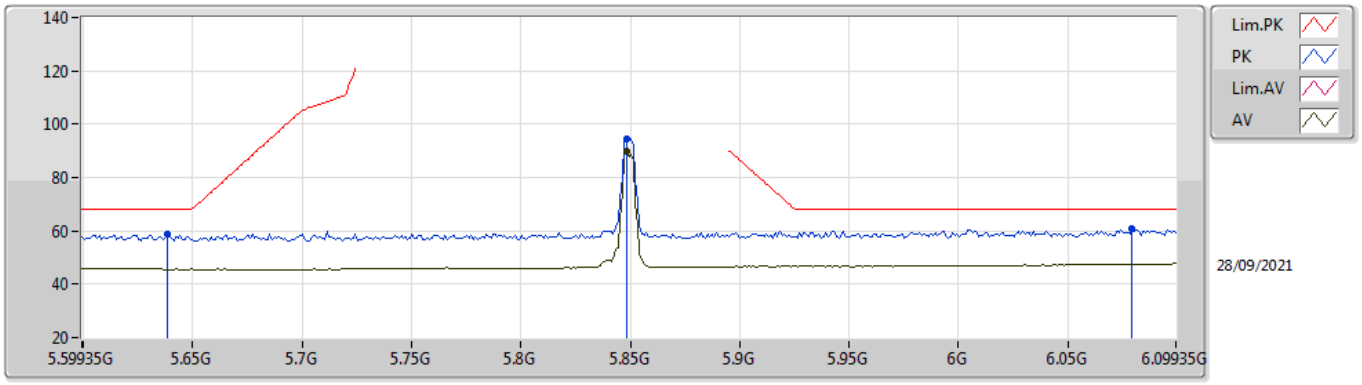


EUT Z_1TX
Setting 0X06
01-A-R-5

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	11.74594G	57.03	74.00	-16.97	43.51	3	Horizontal	156	2.13	-	38.45	7.91	32.84
AV	11.74588G	47.34	54.00	-6.66	33.82	3	Horizontal	156	2.13	-	38.45	7.91	32.84

4-DQPSK,4M

5849.35MHz_TnomVnom

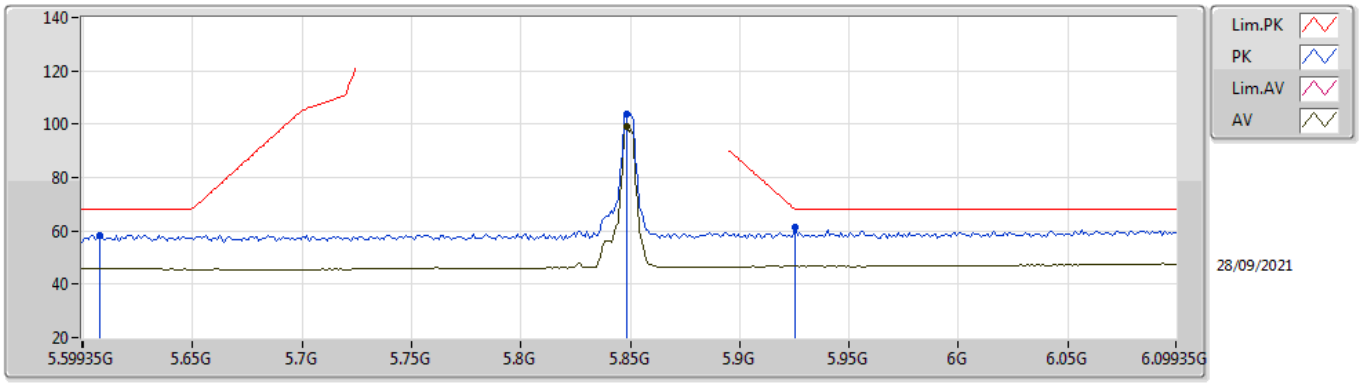


EUT Z_1TX
Setting 0X06
01-A-R-5-10

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	5.63835G	58.58	68.20	-9.62	52.19	3	Vertical	179	2.66	-	33.88	5.42	32.91
PK	5.84835G	94.71	Inf	-Inf	87.65	3	Vertical	179	2.66	-	34.49	5.50	32.93
AV	5.84835G	89.62	Inf	-Inf	82.56	3	Vertical	179	2.66	-	34.49	5.50	32.93
PK	6.07935G	60.89	68.20	-7.31	52.92	3	Vertical	179	2.66	-	35.26	5.66	32.95

4-DQPSK,4M

5849.35MHz_TnomVnom

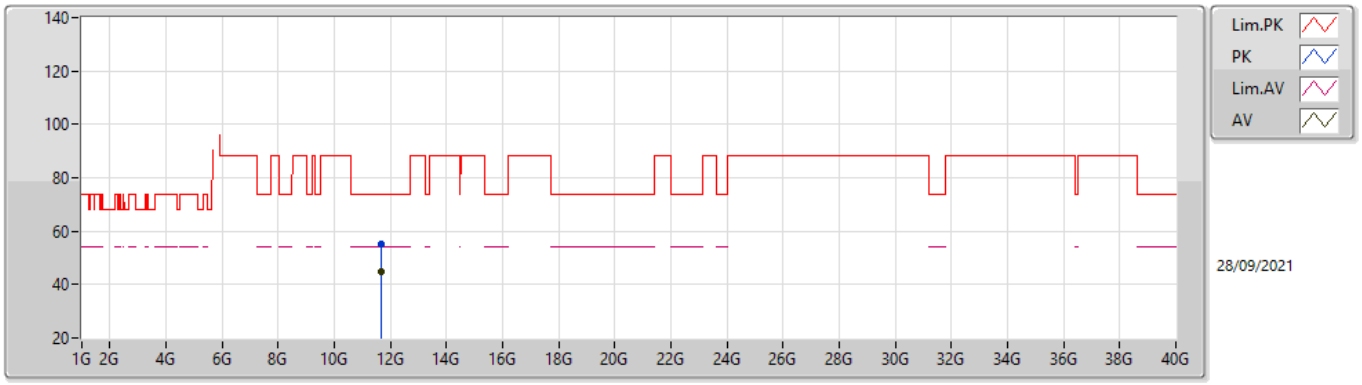


EUT Z_1TX
Setting 0X06
01-A-R-5-10

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	5.60735G	58.40	68.20	-9.80	52.10	3	Horizontal	157	2.58	-	33.81	5.40	32.91
PK	5.84835G	104.05	Inf	-Inf	96.99	3	Horizontal	157	2.58	-	34.49	5.50	32.93
AV	5.84835G	98.90	Inf	-Inf	91.84	3	Horizontal	157	2.58	-	34.49	5.50	32.93
PK	5.92535G	61.31	68.20	-6.89	53.85	3	Horizontal	157	2.58	-	34.90	5.50	32.94

4-DQPSK,4M

5849.35MHz_TnomVnom

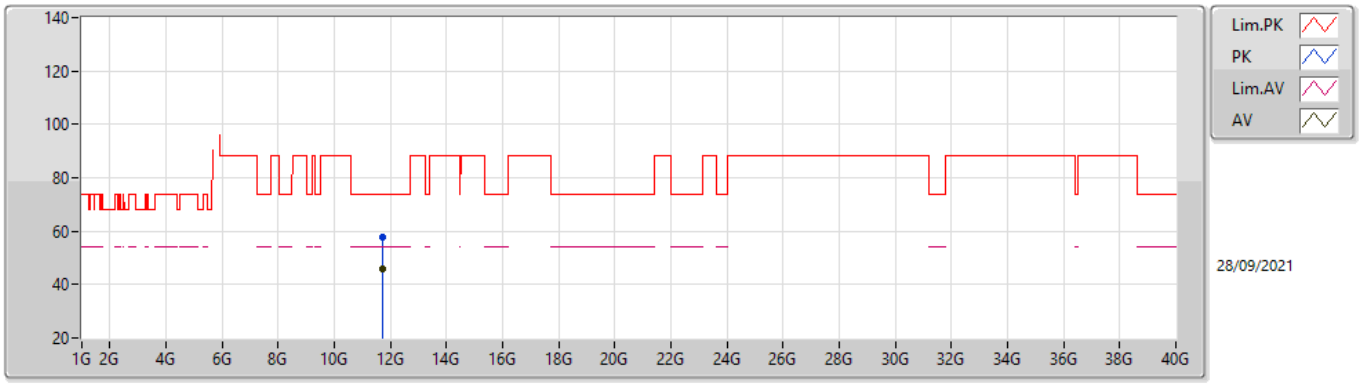


EUT Z_1TX
Setting 0X06
01-A-R-5

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	11.69384G	55.18	74.00	-18.82	41.64	3	Vertical	338	3.00	-	38.49	7.89	32.84
AV	11.6939G	44.73	54.00	-9.27	31.19	3	Vertical	338	3.00	-	38.49	7.89	32.84

4-DQPSK,4M

5849.35MHz_TnomVnom

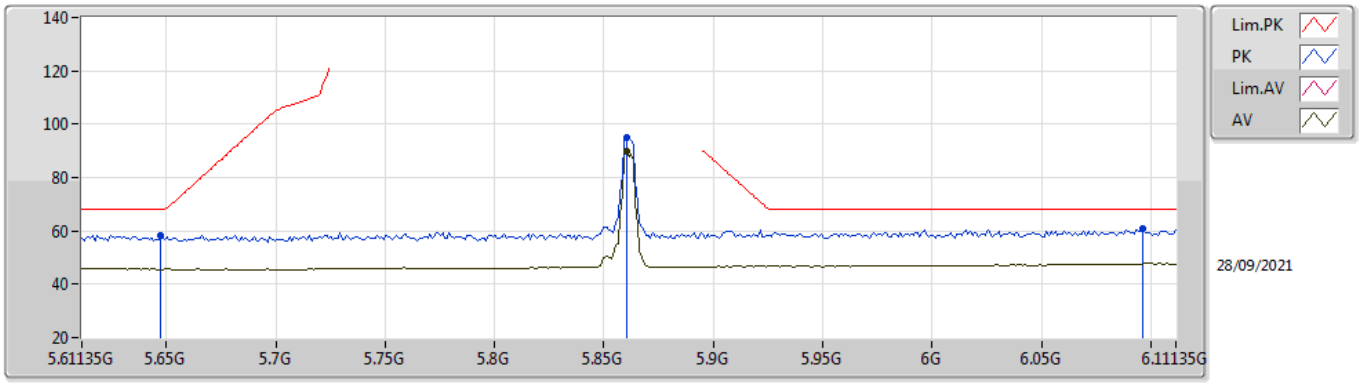


EUT Z_1TX
Setting 0X06
01-A-R-5

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	11.69816G	57.63	74.00	-16.37	44.08	3	Horizontal	257	1.98	-	38.50	7.89	32.84
AV	11.69858G	45.87	54.00	-8.13	32.32	3	Horizontal	257	1.98	-	38.50	7.89	32.84

4-DQPSK,4M

5861.35MHz_TnomVnom

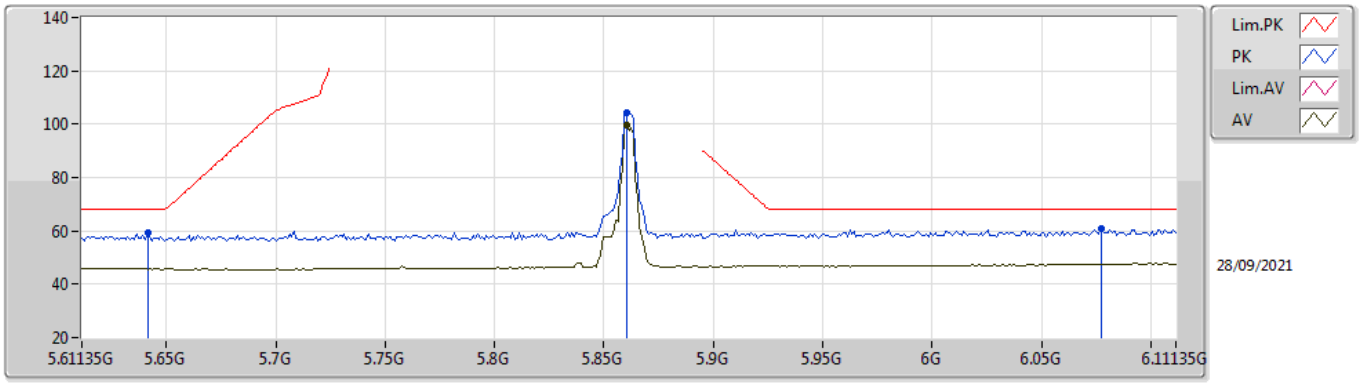


EUT Z_1TX
Setting 0X06
01-A-R-5-10

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	5.64735G	58.42	68.20	-9.78	52.02	3	Vertical	184	2.46	-	33.89	5.42	32.91
PK	5.86035G	95.01	Inf	-Inf	87.89	3	Vertical	184	2.46	-	34.56	5.50	32.94
AV	5.86035G	89.80	Inf	-Inf	82.68	3	Vertical	184	2.46	-	34.56	5.50	32.94
PK	6.09635G	61.01	68.20	-7.19	52.98	3	Vertical	184	2.46	-	35.29	5.69	32.95

4-DQPSK,4M

5861.35MHz_TnomVnom

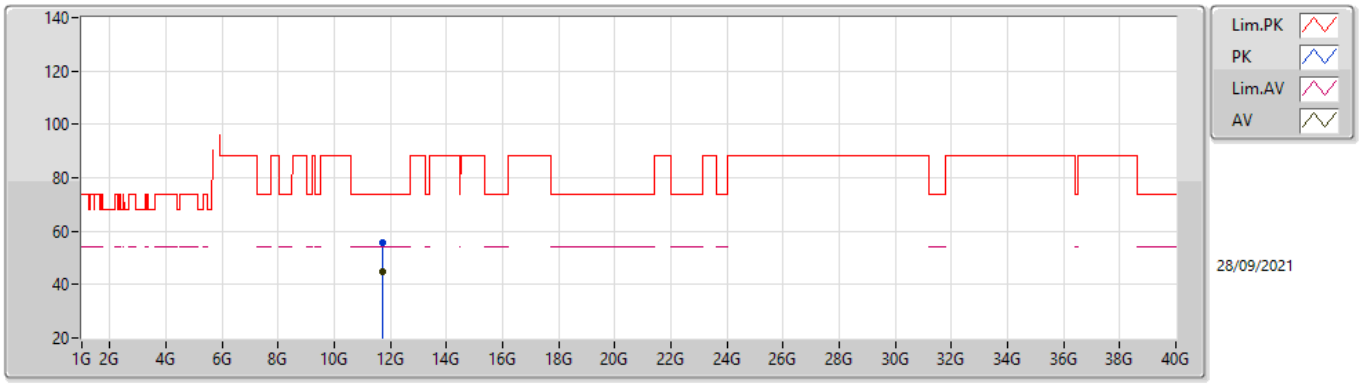


EUT Z_1TX
Setting 0X06
01-A-R-5-10

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	5.64135G	59.17	68.20	-9.03	52.78	3	Horizontal	156	2.48	-	33.88	5.42	32.91
PK	5.86035G	104.55	Inf	-Inf	97.43	3	Horizontal	156	2.48	-	34.56	5.50	32.94
AV	5.86035G	99.42	Inf	-Inf	92.30	3	Horizontal	156	2.48	-	34.56	5.50	32.94
PK	6.07735G	60.69	68.20	-7.51	52.74	3	Horizontal	156	2.48	-	35.25	5.65	32.95

4-DQPSK,4M

5861.35MHz_TnomVnom

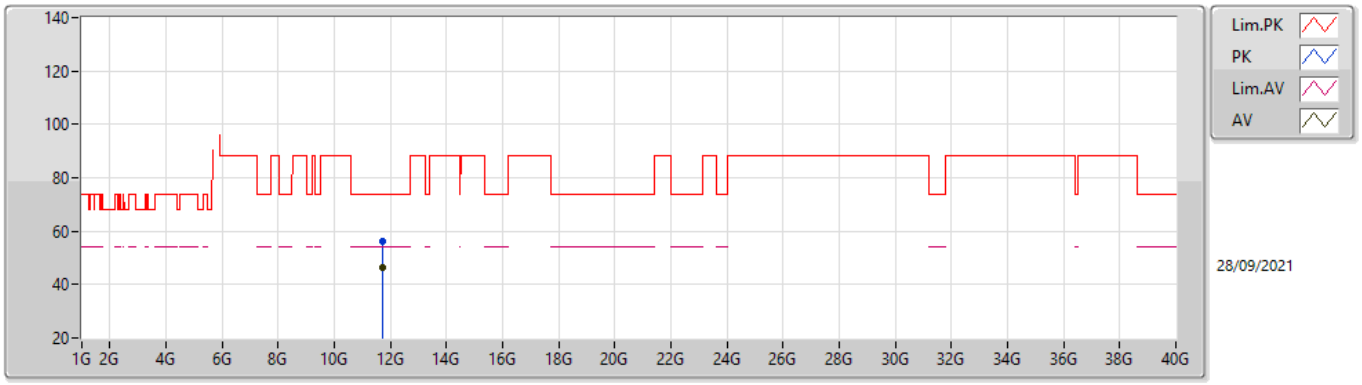


EUT Z_1TX
Setting 0X06
01-A-R-5

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	11.71784G	55.89	74.00	-18.11	42.35	3	Vertical	176	2.96	-	38.48	7.90	32.84
AV	11.7179G	44.97	54.00	-9.03	31.43	3	Vertical	176	2.96	-	38.48	7.90	32.84

4-DQPSK,4M

5861.35MHz_TnomVnom

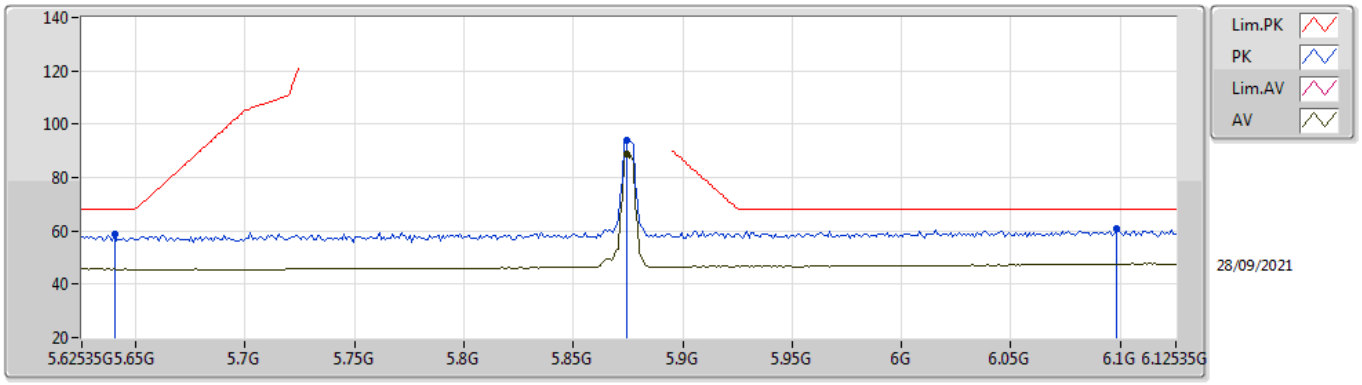


EUT Z_1TX
Setting 0X06
01-A-R-5

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	11.71802G	56.10	74.00	-17.90	42.56	3	Horizontal	157	2.09	-	38.48	7.90	32.84
AV	11.7179G	46.53	54.00	-7.47	32.99	3	Horizontal	157	2.09	-	38.48	7.90	32.84

4-DQPSK,4M

5875.35MHz_TnomVnom

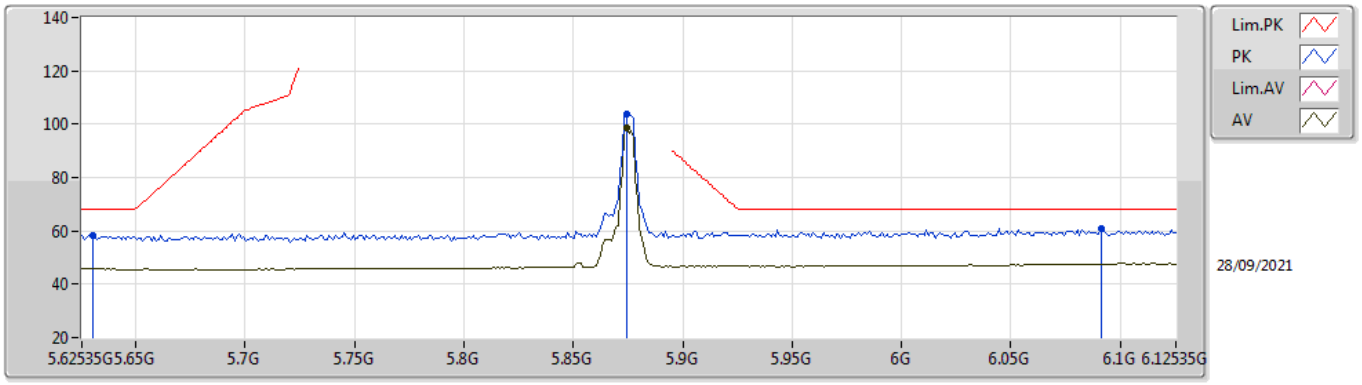


EUT Z_1TX
Setting 0X06
01-A-R-5-10

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	5.64035G	58.96	68.20	-9.24	52.57	3	Vertical	182	2.82	-	33.88	5.42	32.91
PK	5.87435G	94.07	Inf	-Inf	86.86	3	Vertical	182	2.82	-	34.65	5.50	32.94
AV	5.87435G	88.90	Inf	-Inf	81.69	3	Vertical	182	2.82	-	34.65	5.50	32.94
PK	6.09835G	61.03	68.20	-7.17	52.98	3	Vertical	182	2.82	-	35.30	5.70	32.95

4-DQPSK,4M

5875.35MHz_TnomVnom

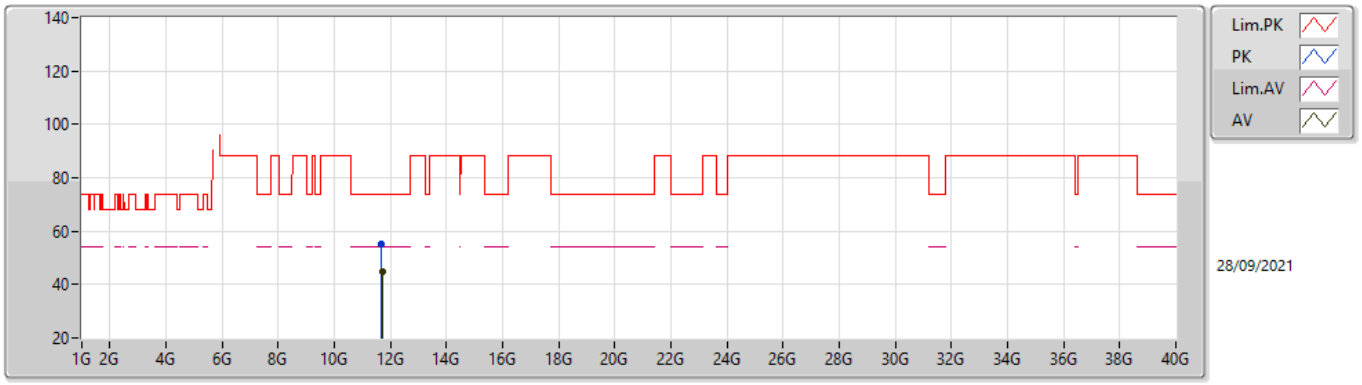


EUT Z_1TX
Setting 0X06
01-A-R-5-10

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	5.63035G	58.28	68.20	-9.92	51.91	3	Horizontal	157	2.17	-	33.86	5.42	32.91
PK	5.87435G	103.72	Inf	-Inf	96.51	3	Horizontal	157	2.17	-	34.65	5.50	32.94
AV	5.87435G	98.41	Inf	-Inf	91.20	3	Horizontal	157	2.17	-	34.65	5.50	32.94
PK	6.09135G	60.87	68.20	-7.33	52.86	3	Horizontal	157	2.17	-	35.28	5.68	32.95

4-DQPSK,4M

5875.35MHz_TnomVnom

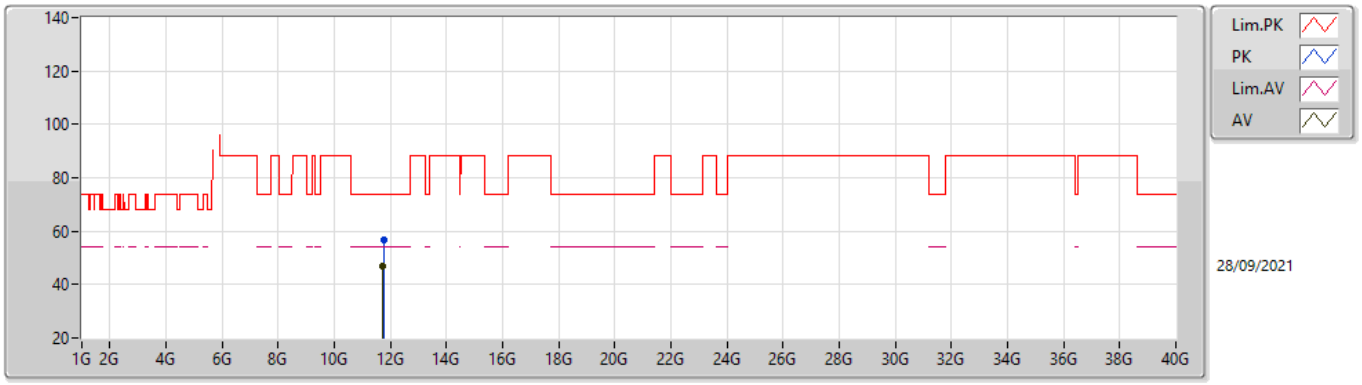


EUT Z_1TX
Setting 0X06
01-A-R-5

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	11.6727G	55.27	74.00	-18.73	41.74	3	Vertical	337	2.95	-	38.47	7.89	32.83
AV	11.7457G	44.82	54.00	-9.18	31.30	3	Vertical	337	2.95	-	38.45	7.91	32.84

4-DQPSK,4M

5875.35MHz_TnomVnom



EUT Z_1TX
Setting 0X06
01-A-R-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	11.74596G	56.49	74.00	-17.51	42.97	3	Horizontal	156	2.08	-	38.45	7.91	32.84
AV	11.7459G	46.91	54.00	-7.09	33.39	3	Horizontal	156	2.08	-	38.45	7.91	32.84