



RADIO TEST REPORT

FCC ID : Z8H89FT0083
Equipment : 6092HH
Brand Name : Cambium Networks
Model Name : 6092HH
Applicant : Cambium Networks Inc.
3800 Golf Road, Suite 360 Rolling Meadows, IL
60008, USA
Manufacturer : Cambium Networks, Ltd.
Ashburton, TQ13 7UP, UK
Standard : 47 CFR FCC Part 15.407

The product was received on Jul. 29, 2024, and testing was started from Jul. 29, 2024 and completed on Oct. 09, 2024. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this variant report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Hsinchu Laboratory, the test report shall not be reproduced except in full.

Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory

No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)



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History of this test report

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_1 Ver1.4

Page Number : 3 of 26
Issued Date : Oct. 21, 2024
Report Version : 01



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.3	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	-

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the chapter "Measurement Uncertainty".

Disclaimer:

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

Reviewed by: Sam Chen**Report Producer: Sophia Shiung**



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	Ch. Bandwidth (MHz)	Ch. Frequency (MHz)	Ch. Space (MHz)
5150-5250	5	5166.5-5247.5	1
5150-5250	10	5169-5245	1
5150-5250	15	5171.5-5242.5	1
5150-5250	20	5174-5240	1
5150-5250	30	5179-5235	1
5150-5250	40	5184-5230	1

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	QPSK5	5	2TX
5.15-5.25GHz	QPSK10	10	2TX
5.15-5.25GHz	QPSK15	15	2TX
5.15-5.25GHz	QPSK20	20	2TX
5.15-5.25GHz	QPSK30	30	2TX
5.15-5.25GHz	QPSK40	40	2TX

Note:

- ♦ The 5GHz function uses QPSK modulation.
- ♦ BWch is the nominal channel bandwidth.

1.1.2 Table for Frequency Combination Mode

Type	Mode	Frequency (MHz)
1	QPSK40+40_80MHz	5187+5227
2	QPSK40+40_80MHz	5184+5230

Note: The above information was declared by manufacturer.



1.1.3 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1 2	Cambium	Canopy 2x2 SM Extender Dish	Dish	N/A	26

Note 1: The above information was declared by manufacturer.

Note 2: Directional gain information

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

Ex.

Directional Gain (NSS1) formula :

$$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$$

$$NSS1(g1,1) = 10^{G1/20} ; NSS1(g1,2) = 10^{G2/20} ; NSS1(g1,3) = 10^{G3/20} ; NSS1(g1,4) = 10^{G4/20}$$

$$g_{j,k} = (NSS1(g1,1) + NSS1(g1,2) + NSS1(g1,3) + NSS1(g1,4))^2$$

$$DG = 10 \log[(NSS1(g1,1) + NSS1(g1,2) + NSS1(g1,3) + NSS1(g1,4))^2 / N_{ANT}/N_{SS}] \Rightarrow 10$$

$$\log[(10^{G1/20} + 10^{G2/20} + 10^{G3/20} + 10^{G4/20})^2 / N_{ANT}]$$

Where;

Cross-Polarized Antenna

5G UNII-1 G1 = 26.00 dBi; G2 = 26.00 dBi;

5G UNII-3 G1 = 26.00 dBi; G2 = 26.00 dBi;

6G UNII-5 G1 = 26.00 dBi; G2 = 26.00 dBi;

6G UNII-7 G1 = 26.00 dBi; G2 = 26.00 dBi;

5G UNII-1 DG = 26.00 dBi

5G UNII-3 DG = 26.00 dBi

6G UNII-5 DG = 26.00 dBi

6G UNII-7 DG = 26.00 dBi

Note 3: **For 5GHz function (2TX/2RX):**

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

Port 1~2 could transmit/receive simultaneously.

For 6GHz function (2TX/2RX):

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

Port 1~2 could transmit/receive simultaneously.



1.1.4 Mode Test Duty Cycle

For other modes:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
5.15-5.25GHz_QPSK5_5MHz_Nss1_2TX	0.894	0.49	4.471m	300
5.15-5.25GHz_QPSK10_10MHz_Nss1_2TX	0.875	0.58	4.373m	300
5.15-5.25GHz_QPSK15_15MHz_Nss1_2TX	0.868	0.61	4.34m	300
5.15-5.25GHz_QPSK20_20MHz_Nss1_2TX	0.86	0.66	4.299m	300
5.15-5.25GHz_QPSK30_30MHz_Nss1_2TX	0.858	0.67	4.291m	300
5.15-5.25GHz_QPSK40_40MHz_Nss1_2TX	0.855	0.68	4.275m	300

For frequency combination modes:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
QPSK40+40_Nss 1	0.474	3.24	2.368m	1k

Note:

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

1.1.5 EUT Operational Condition

EUT Power Type	From PoE			
Beamforming Function	☐	With beamforming	☒	Without beamforming
Function	☐	Outdoor P2M	☐	Indoor P2M
	☒	Fixed P2P	☐	Client
	☐	Point-to-multipoint	☒	Point-to-point
Test Software Version	DOS [ver 6.1.7601]			

Note: The above information was declared by manufacturer.

1.1.6 Table for EUT Supports Function

Function	Support Band
AP	5GHz UNII 1 and UNII 3 / 6GHz UNII 5 and UNII 7
Client without radar detection	6GHz UNII 5 and UNII 7

Note 1: The AP mode was tested and recorded in this test report.

Note 2: The above information was declared by manufacturer.



1.1.7 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR470407.

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

Modifications	Performance Checking
1. Enable 6GHz UNII 5 and UNII 7 for Standard Power Access Point (6SD) and Fixed Client (6FC) modes through SW change.	After evaluation, this test report was not affected.
2. Enable 5GHz UNII 1 for Access Point mode through SW change.	For 5GHz UNII 1: 1. Emission Bandwidth 2. Maximum Output Power 3. Power Spectral Density 4. Unwanted Emissions > 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

1.3 Testing Location Information

Testing Location Information	
Test Lab. : Sporton International Inc. Hsinchu Laboratory	
Hsinchu (TAF: 3787)	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.) TEL: 886-3-656-9065 FAX: 886-3-656-9085 Test site Designation No. TW3787 with FCC. Conformity Assessment Body Identifier (CABID) TW3787 with ISED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH01-CB	Ken Yeh	22.3~24.1 / 60~63	Aug. 27, 2024~ Oct. 09, 2024
Radiated < 1GHz	03CH05-CB	Stim Sung	21.6~22.7 / 56~59	Jul. 29, 2024~ Oct. 09, 2024
Radiated > 1GHz	03CH03-CB	Stim Sung	22.7~23.8 / 56~59	Jul. 29, 2024~ Oct. 09, 2024
	03CH05-CB		21.6~22.7 / 56~59	

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))

Parameter	Uncertainty	Remark
Radiated Emission (1GHz ~ 18GHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.0 dB	Confidence levels of 95%
Conducted Emission	3.1 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.1 dB	Confidence levels of 95%
Bandwidth Measurement	2.1 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

For other modes:

Mode
QPSK5_5MHz_Nss1_2TX
5166.5MHz
5207MHz
5247.5MHz
QPSK10_10MHz_Nss1_2TX
5169MHz
5207MHz
5245MHz
QPSK15_15MHz_Nss1_2TX
5171.5MHz
5207MHz
5242.5MHz
QPSK20_20MHz_Nss1_2TX
5174MHz
5207MHz
5240MHz
QPSK30_30MHz_Nss1_2TX
5179MHz
5207MHz
5235MHz
QPSK40_40MHz_Nss1_2TX
5184MHz
5207MHz
5230MHz

For frequency combination modes:

Mode
QPSK40+40_80MHz_Nss1_2TX
#5184MHz,#5230MHz
#5187MHz,#5227MHz



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

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

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

Equipment	Brand Name	Model Name
PoE	Cambium Networks	NET-P30-56IN

2.3 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

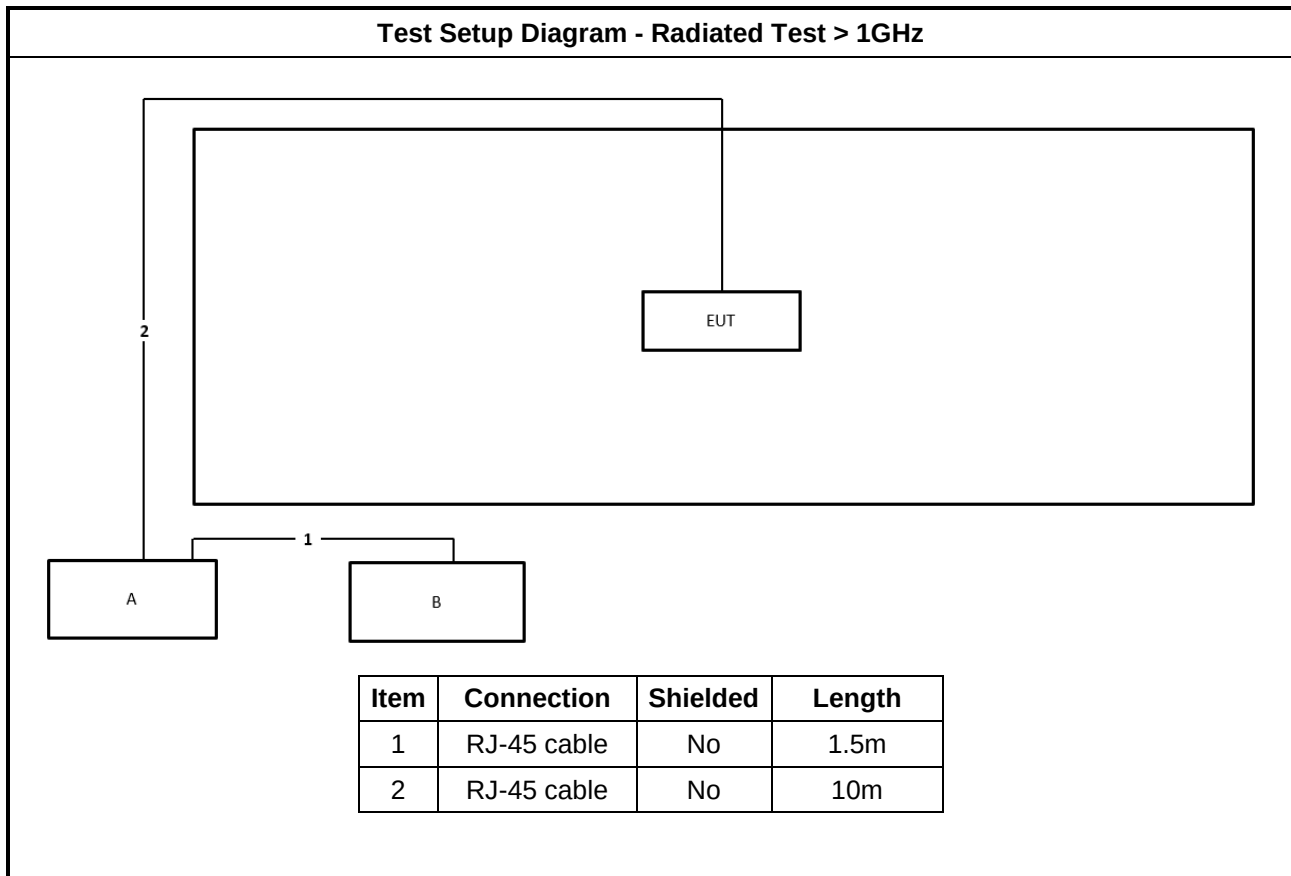
2.4 Accessories

N/A

2.5 Support Equipment

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE	Cambium Networks	NET-P30-56-IN	N/A
B	Notebook	DELL	E4300	N/A

2.6 Test Setup Diagram





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, 26 dB emission bandwidth ,N/A. 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.

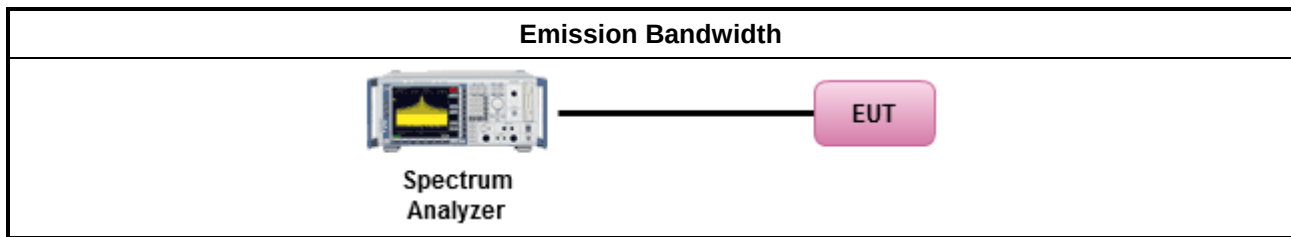
3.1.2 Measuring Instruments

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 D02, clause C for EBW and clause D for OBW measurement.
☐	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.
☐	Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.

3.1.4 Test Setup



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.
LE-LAN Devices	
☐ For the 5.15-5.25 GHz band:	
☐	For other devices: 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.
☐	Vehicles devices: The maximum e.i.r.p. shall not exceed 30 mW or 1.76 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐ For the 5.25-5.35 GHz band:	
☐	For other devices: The maximum conducted output power shall not exceed 250 mW or 11 + 10 log 10 B, dBm, and 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
☐	Vehicles devices: The maximum e.i.r.p. shall not exceed 30 mW or 1.76 + 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 conducted output power shall not exceed 250 mW or 11 + 10 log 10 B, dBm, and 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.	

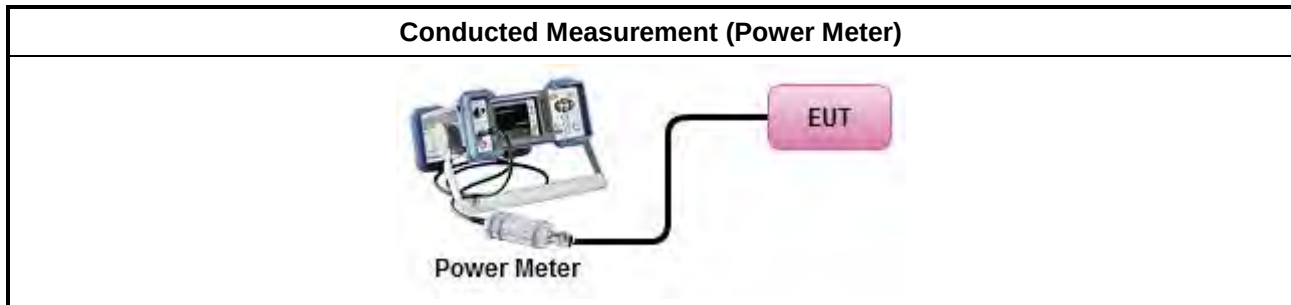
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup



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.
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 $0^\circ \leq \theta < 8^\circ$; -13 - 0.716 (θ-8) dBW/MHz for $8^\circ \leq \theta < 40^\circ$ -35.9 - 1.22 (θ-40) dBW/MHz for $40^\circ \leq \theta \leq 45^\circ$; -42 dBW/MHz for $\theta > 45^\circ$
☐ 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.	

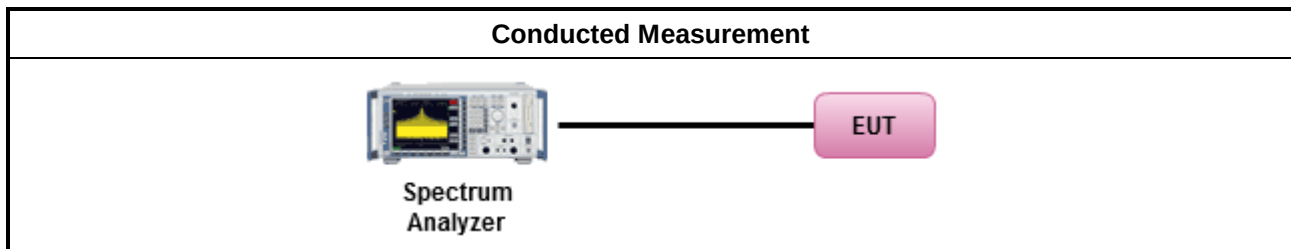
3.3.2 Measuring Instruments

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 D02, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
[duty cycle ≥ 98% or external video / power trigger]	
☒	Refer as FCC KDB 789033 D02, clause E Method SA-1 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)
duty cycle < 98% and average over on/off periods with duty factor	
☒	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
☒ For conducted measurement.	
If the EUT supports multiple transmit chains using options given below:	
☒	Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
☐	Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
☐	Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	
☐ For radiated measurement.	
- Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing" - Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz. - Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.	

3.3.4 Test Setup



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.
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

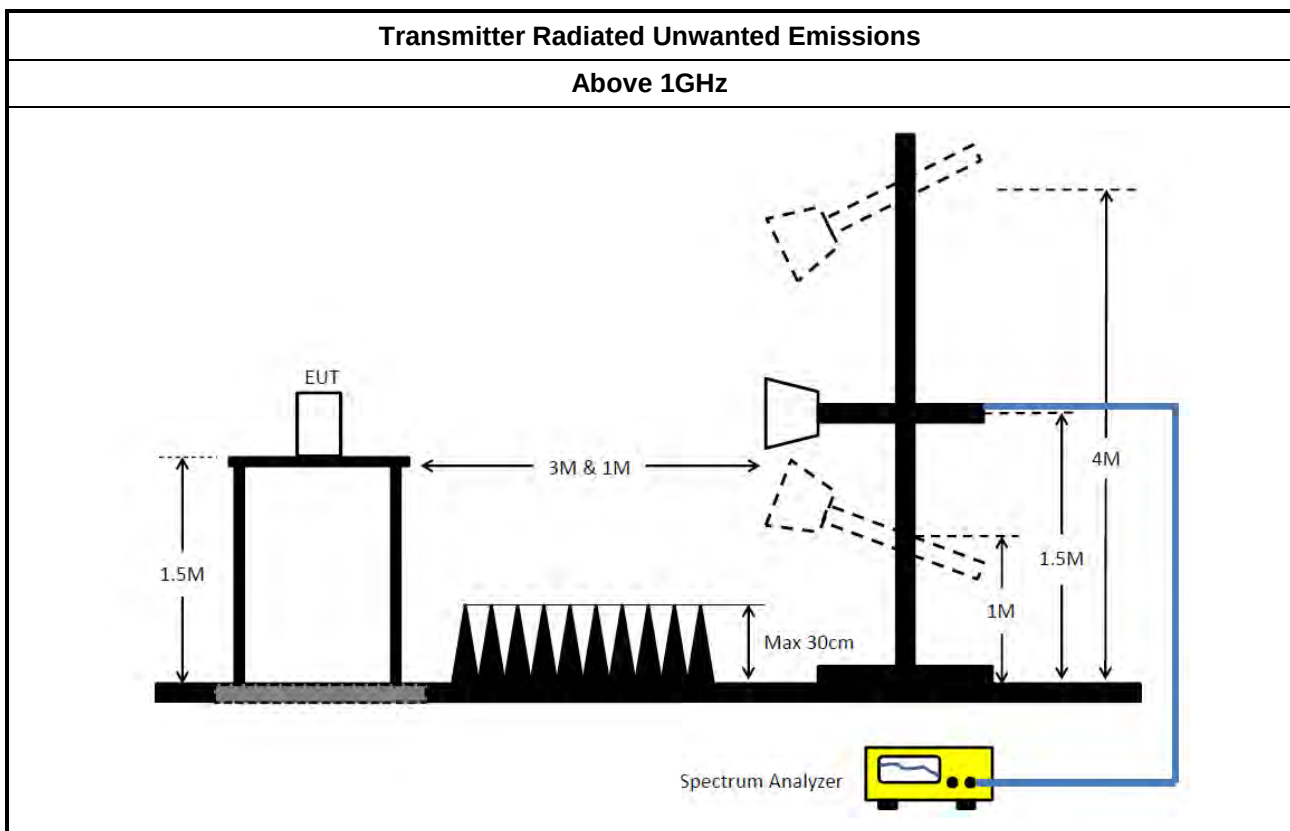
Refer a test equipment and calibration data table in this test report.

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 $\geq$ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as FCC KDB 789033 D02, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as FCC KDB 789033 D02, clause G)1) for unwanted emissions into restricted bands.
	☐ Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging).
	☒ Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).
	☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW $\geq$ 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 D02, 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



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	03CH03-CB	1GHz ~18GHz 3m	May 03, 2024	May 02, 2025	Radiation (03CH03-CB)
Horn Antenna	ETS • Lindgren	3115	6821	750MHz~ 18GHz	Jan. 24, 2024	Jan. 23, 2025	Radiation (03CH03-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jul. 09, 2024	Jul. 08, 2025	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jun. 29, 2024	Jun. 28, 2025	Radiation (03CH03-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 11, 2024	Jun. 10, 2025	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Feb. 29, 2024	Feb. 28, 2025	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Feb. 29, 2024	Feb. 28, 2025	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40GHz	Jan. 11, 2024	Jan. 10, 2025	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE-15407 _NII	V5.11.19	5.15GHz- 7.115GHz	N.C.R.	N.C.R.	Radiation (03CH03-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30MHz ~ 1GHz	Aug. 01, 2024	Jul. 31, 2025	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Sep. 29, 2023	Sep. 28, 2024	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Sep. 28, 2024	Sep. 27, 2025	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Jun. 20, 2024	Jun. 19, 2025	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jul. 09, 2024	Jul. 08, 2025	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz ~ 26.5GHz	Jun. 29, 2024	Jun. 28, 2025	Radiation (03CH05-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 17, 2024	Apr. 16, 2025	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH05-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40GHz	Jan. 11, 2024	Jan. 10, 2025	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11.19	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH05-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 27, 2024	May 26, 2025	Conducted (TH01-CB)
Band Rejector	MTJ	6G Band Rejector	6G-BRJ-01	1 ~ 18GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH01-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1 ~ 18GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (TH01-CB)
Band Rejector	MTJ	6G Band Rejector	6G-BRJ-02	1~ 18GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH01-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1~ 18GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1~26.5GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1~18GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1GHz ~ 18GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1GHz ~ 18GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1GHz ~ 18GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1GHz ~ 18GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1GHz ~ 18GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)

**RADIO TEST REPORT****Report No. : FR470407-01AA**

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Cable 9k-18G	Woken	RG402	Cable-95	9 kHz ~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Mar. 01, 2024	Feb. 28, 2025	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	MY45100745	50MHz~18GHz	Jul. 12, 2024	Jul. 11, 2025	Conducted (TH01-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11.19	5.15GHz-7.115 GHz	N.C.R.	N.C.R.	Conducted (TH01-CB)

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

NCR means Non-Calibration required.

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
QPSK5_5MHz_Nss1_2TX	5.06M	4.607M	4M61G7D	4.758M	4.575M
QPSK10_10MHz_Nss1_2TX	9.983M	9.228M	9M23G7D	9.79M	9.184M
QPSK15_15MHz_Nss1_2TX	15.51M	13.832M	13M8G7D	14.479M	13.764M
QPSK20_20MHz_Nss1_2TX	20.075M	18.525M	18M5G7D	19.085M	18.372M
QPSK30_30MHz_Nss1_2TX	30.608M	27.715M	27M7G7D	28.463M	27.591M
QPSK40_40MHz_Nss1_2TX	39.16M	37.051M	37M1G7D	38.61M	36.777M

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

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
QPSK5_5MHz_Nss1_2TX	-	-	-	-	-	-
5166.5MHz	Pass	Inf	5.005M	4.606M	4.895M	4.607M
5207MHz	Pass	Inf	4.758M	4.6M	5.06M	4.575M
5247.5MHz	Pass	Inf	4.854M	4.593M	4.881M	4.593M
QPSK10_10MHz_Nss1_2TX	-	-	-	-	-	-
5169MHz	Pass	Inf	9.9M	9.228M	9.983M	9.184M
5207MHz	Pass	Inf	9.79M	9.213M	9.928M	9.203M
5245MHz	Pass	Inf	9.983M	9.206M	9.845M	9.208M
QPSK15_15MHz_Nss1_2TX	-	-	-	-	-	-
5171.5MHz	Pass	Inf	15.263M	13.832M	15.51M	13.832M
5207MHz	Pass	Inf	14.52M	13.815M	14.561M	13.815M
5242.5MHz	Pass	Inf	14.479M	13.764M	14.561M	13.772M
QPSK20_20MHz_Nss1_2TX	-	-	-	-	-	-
5174MHz	Pass	Inf	20.075M	18.385M	19.8M	18.458M
5207MHz	Pass	Inf	19.085M	18.506M	19.47M	18.525M
5240MHz	Pass	Inf	19.745M	18.478M	19.8M	18.372M
QPSK30_30MHz_Nss1_2TX	-	-	-	-	-	-
5179MHz	Pass	Inf	30.608M	27.66M	29.7M	27.715M
5207MHz	Pass	Inf	29.865M	27.643M	30.36M	27.666M
5235MHz	Pass	Inf	28.463M	27.616M	29.948M	27.591M
QPSK40_40MHz_Nss1_2TX	-	-	-	-	-	-
5184MHz	Pass	Inf	38.94M	37.051M	39.16M	36.864M
5207MHz	Pass	Inf	38.61M	36.799M	39.05M	36.777M
5230MHz	Pass	Inf	38.83M	36.829M	39.05M	36.877M

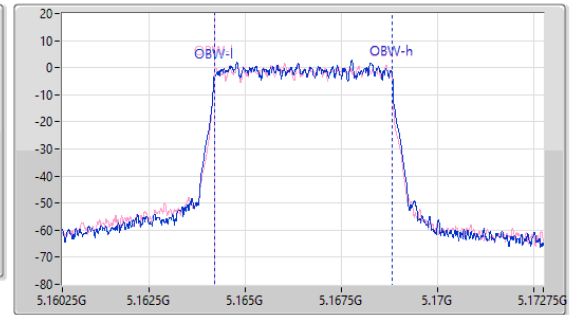
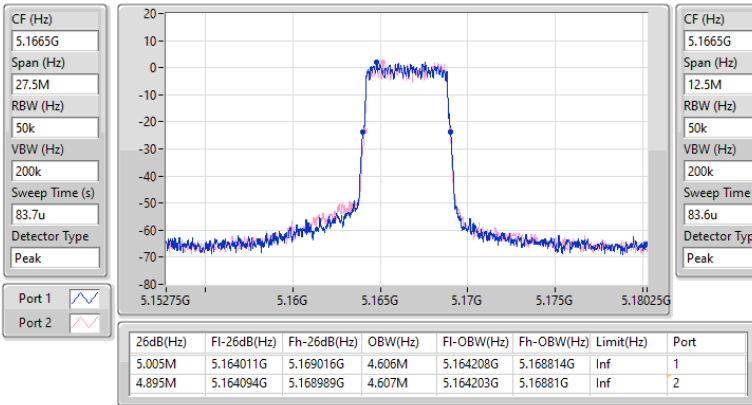
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz QPSK5_5MHz_Nss1_2TX

EBW

5166.5MHz

30/08/2024

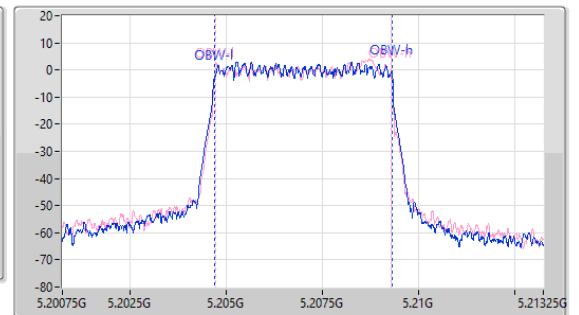
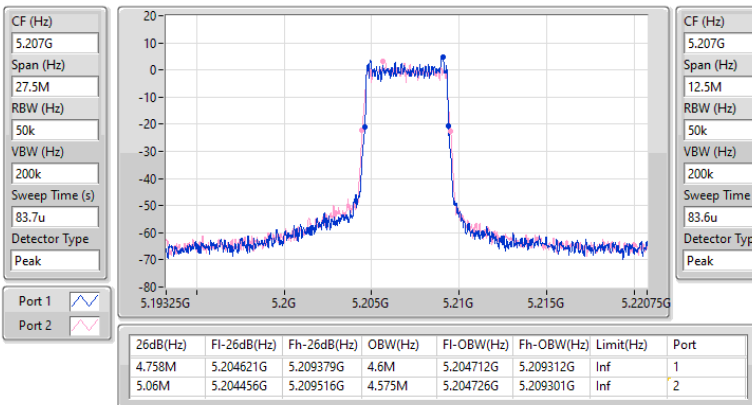


5.15-5.25GHz QPSK5_5MHz_Nss1_2TX

EBW

5207MHz

30/08/2024

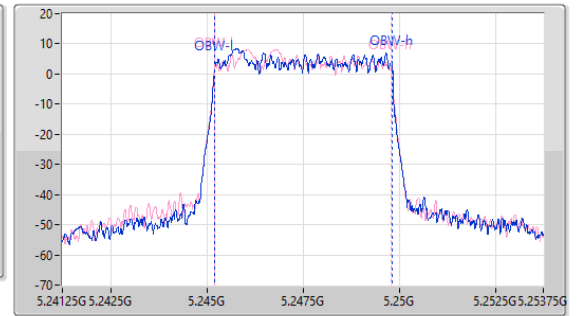
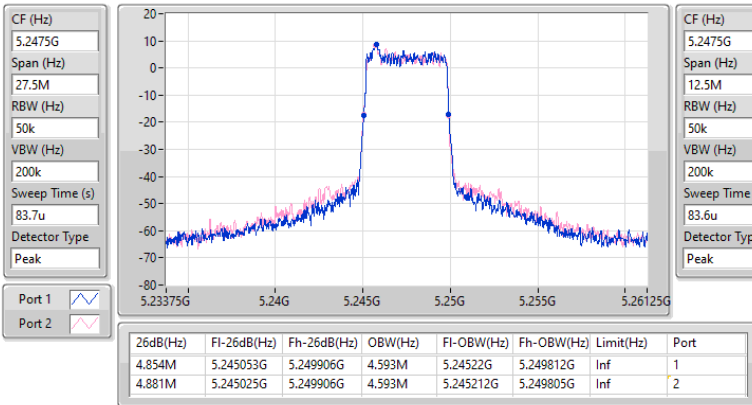


5.15-5.25GHz_QPSK5_5MHz_Nss1_2TX

EBW

5247.5MHz

30/08/2024

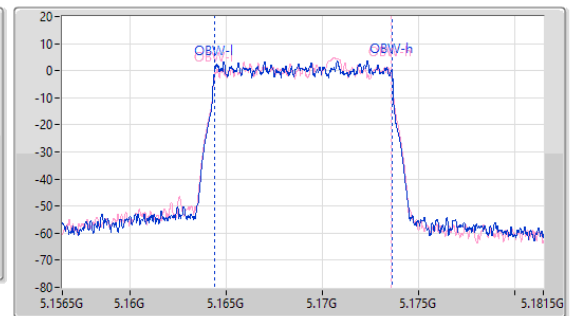
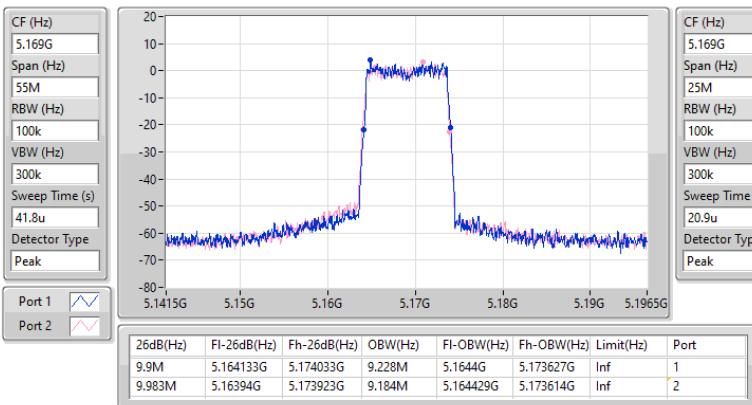


5.15-5.25GHz_QPSK10_10MHz_Nss1_2TX

EBW

5169MHz

30/08/2024

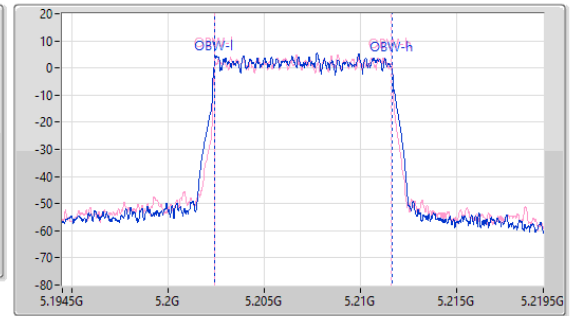
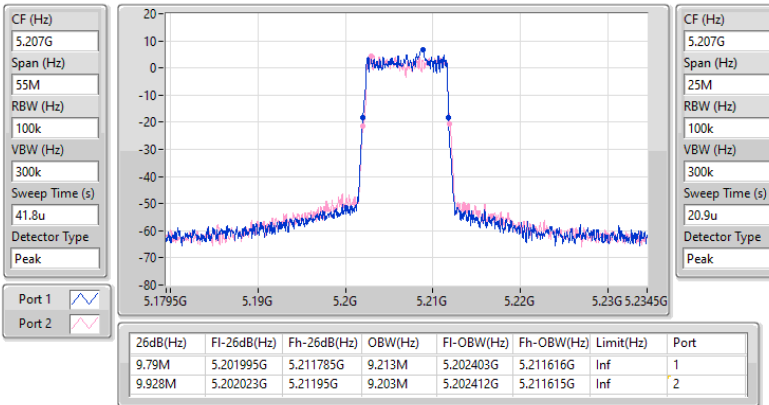


5.15-5.25GHz_QPSK10_10MHz_Nss1_2TX

EBW

5207MHz

30/08/2024

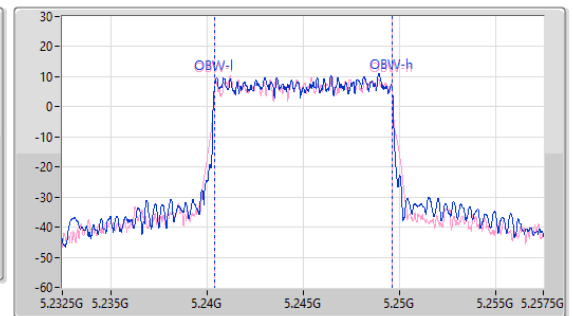
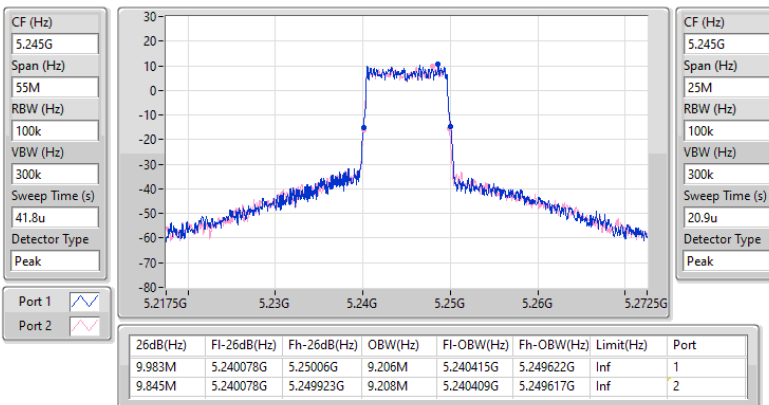


5.15-5.25GHz_QPSK10_10MHz_Nss1_2TX

EBW

5245MHz

30/08/2024

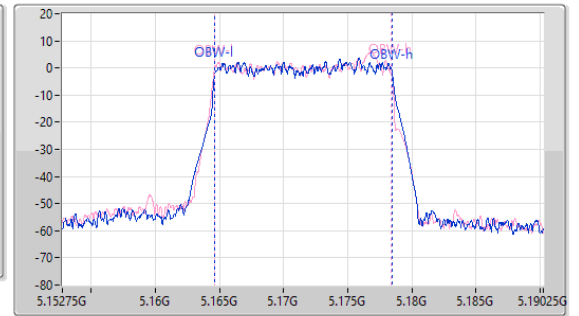
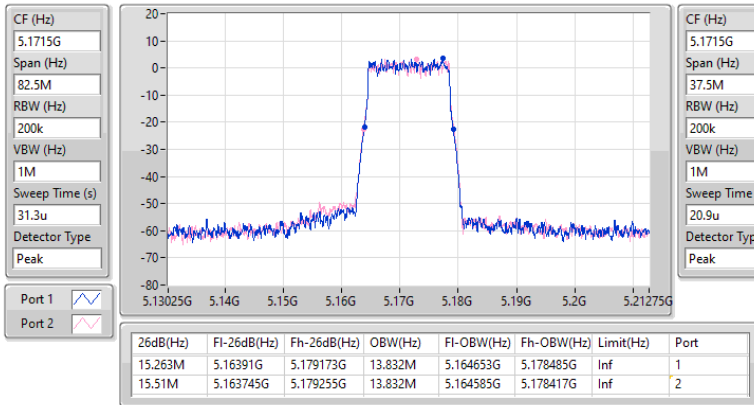


5.15-5.25GHz_QPSK15_15MHz_Nss1_2TX

EBW

5171.5MHz

30/08/2024

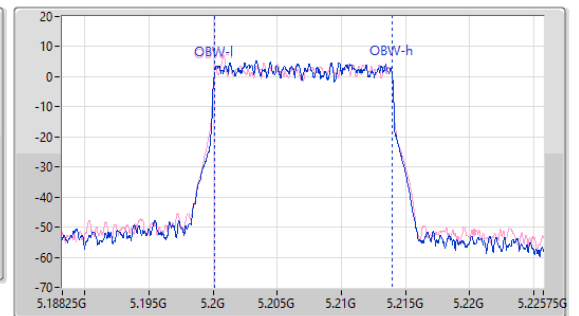
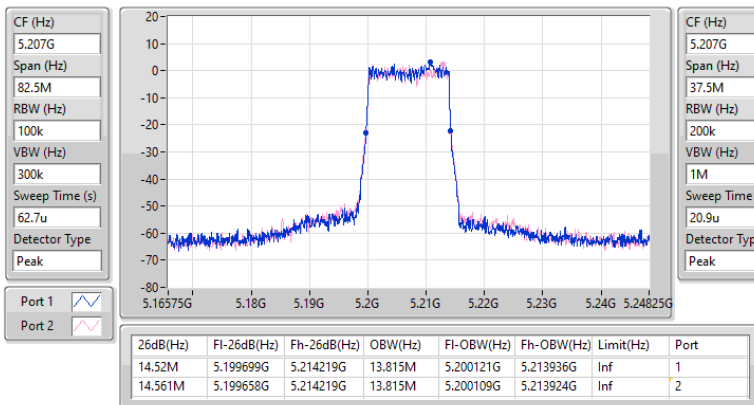


5.15-5.25GHz_QPSK15_15MHz_Nss1_2TX

EBW

5207MHz

30/08/2024

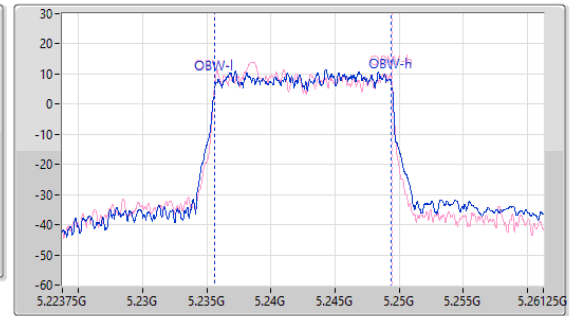
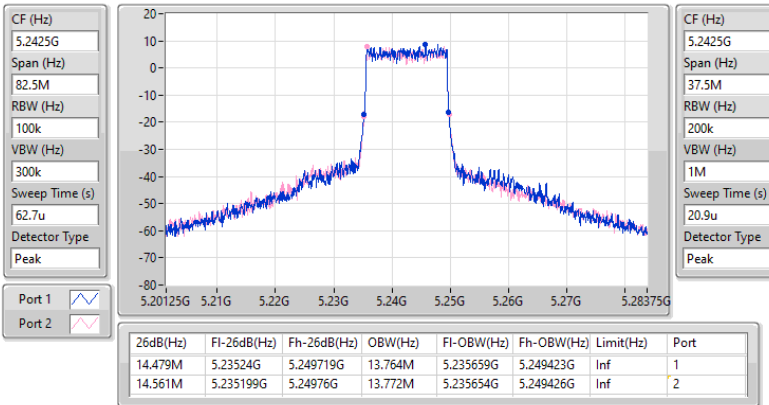


5.15-5.25GHz_QPSK15_15MHz_Nss1_2TX

EBW

5242.5MHz

30/08/2024

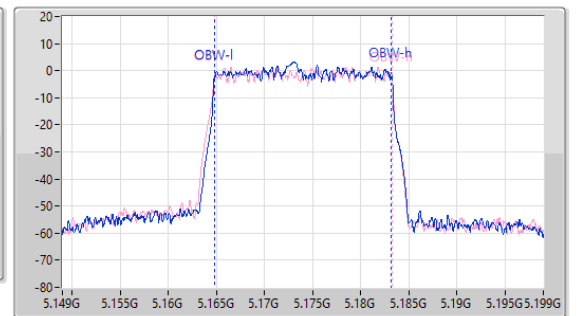
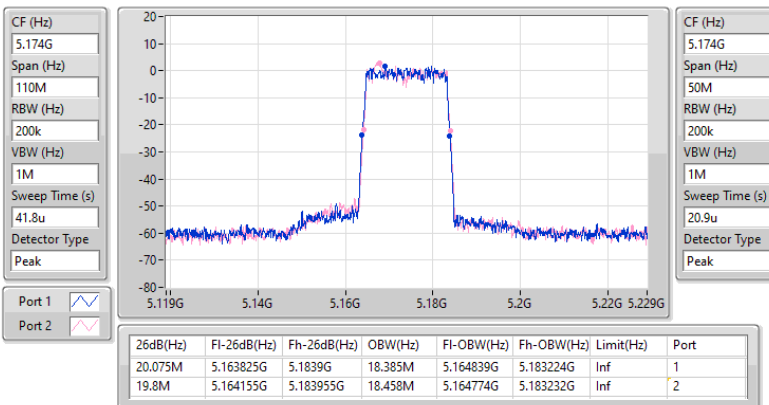


5.15-5.25GHz_QPSK20_20MHz_Nss1_2TX

EBW

5174MHz

30/08/2024

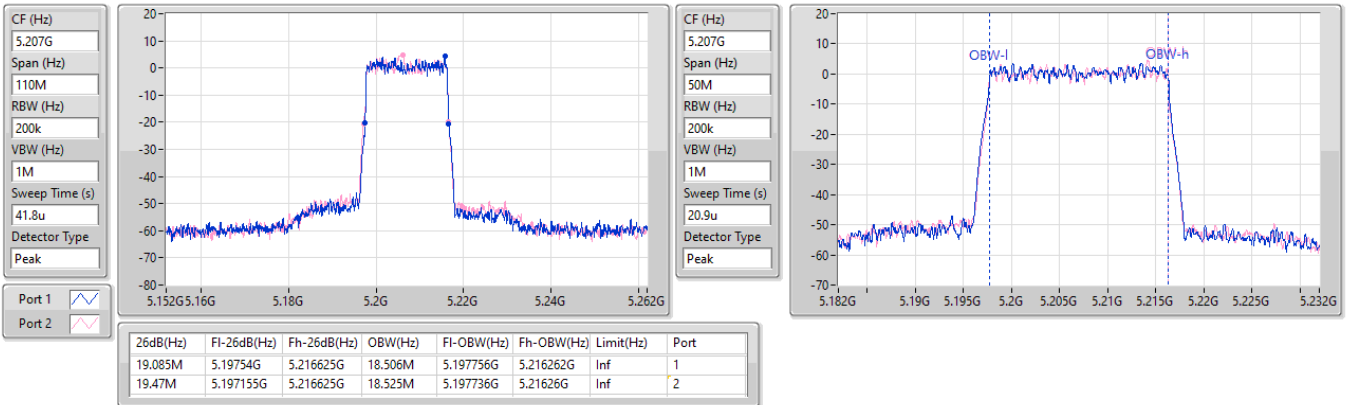


5.15-5.25GHz_QPSK20_20MHz_Nss1_2TX

EBW

5207MHz

30/08/2024

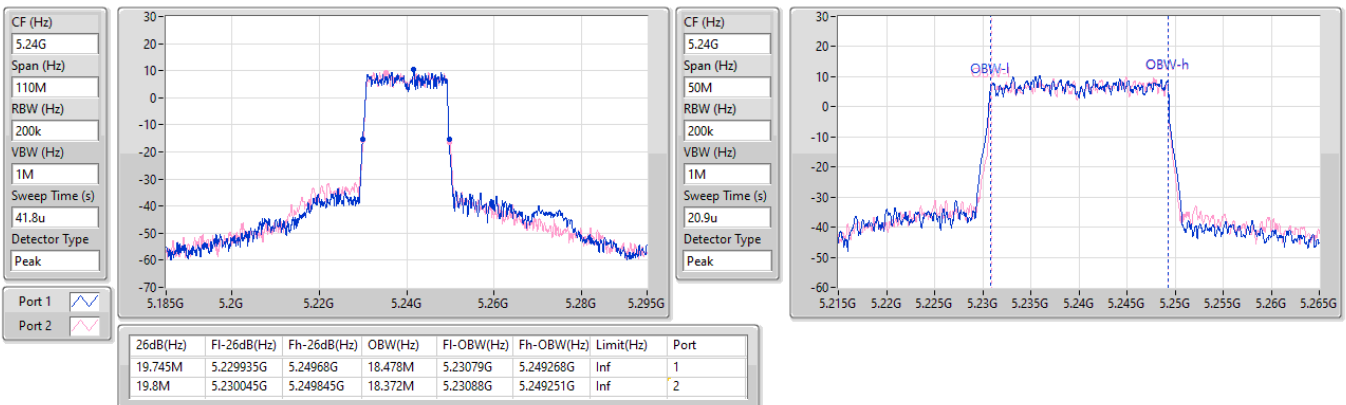


5.15-5.25GHz_QPSK20_20MHz_Nss1_2TX

EBW

5240MHz

30/08/2024

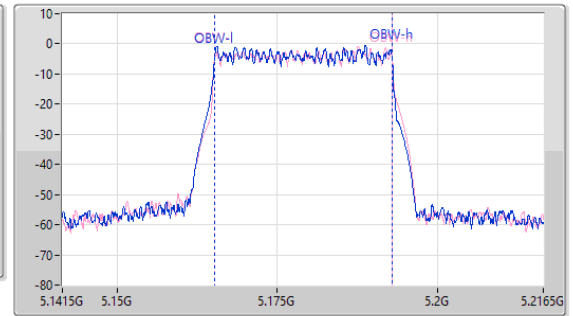
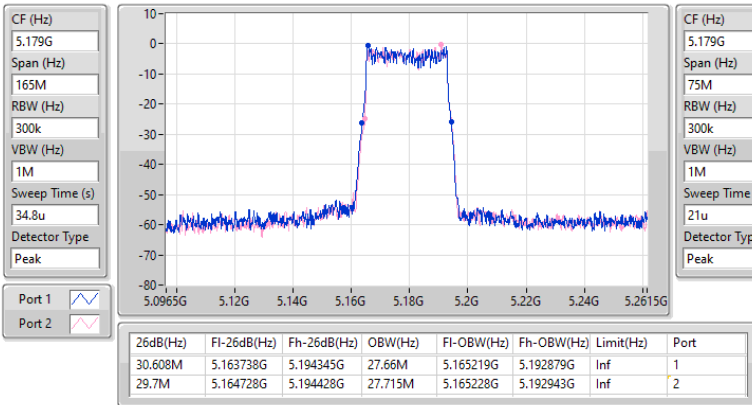


5.15-5.25GHz_QPSK30_30MHz_Nss1_2TX

EBW

5179MHz

30/08/2024

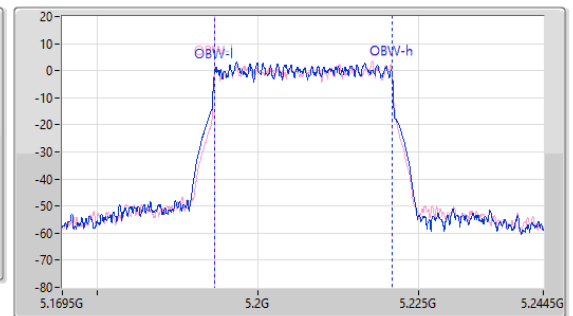
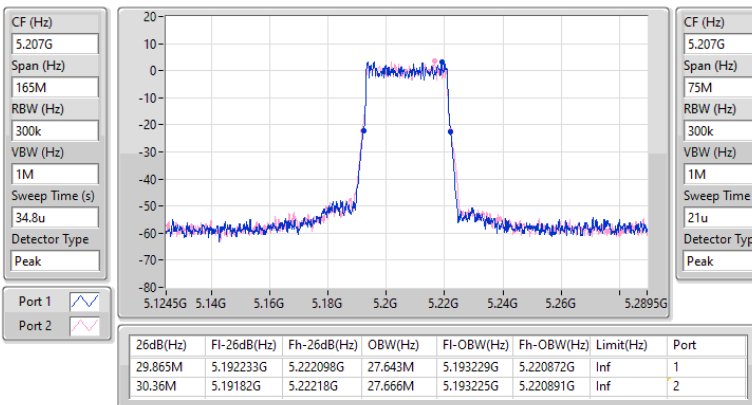


5.15-5.25GHz_QPSK30_30MHz_Nss1_2TX

EBW

5207MHz

30/08/2024

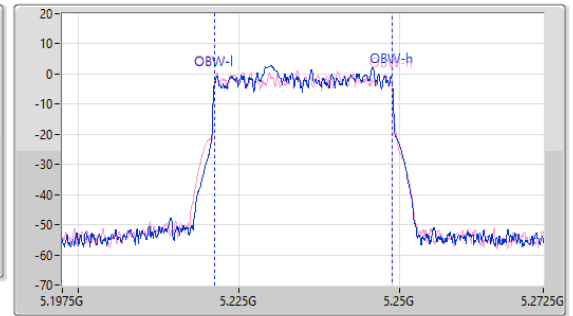
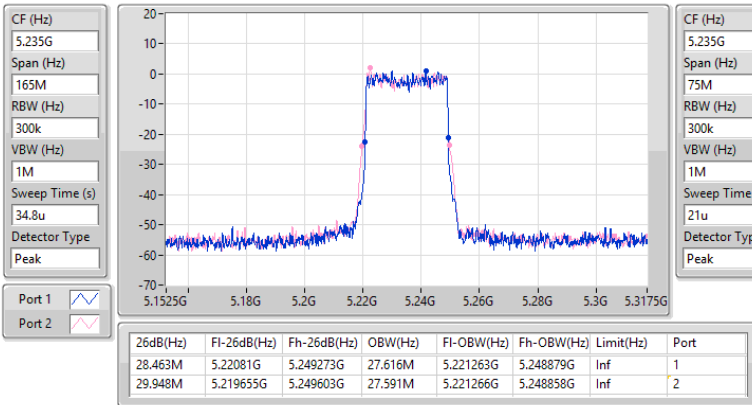


5.15-5.25GHz_QPSK30_30MHz_Nss1_2TX

EBW

5235MHz

09/10/2024

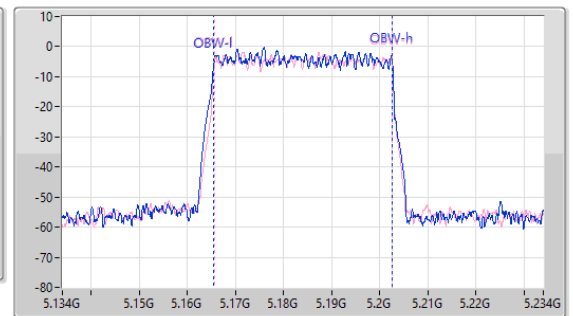
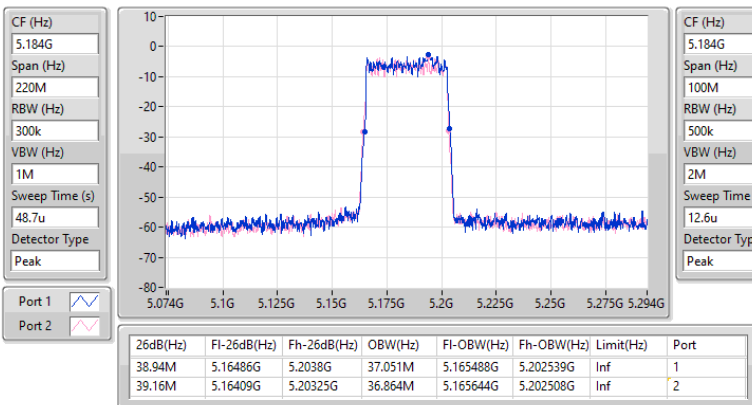


5.15-5.25GHz_QPSK40_40MHz_Nss1_2TX

EBW

5184MHz

30/08/2024

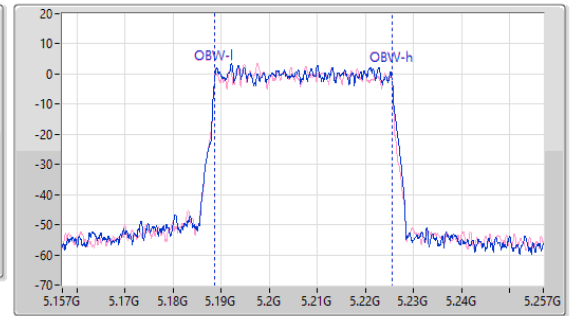
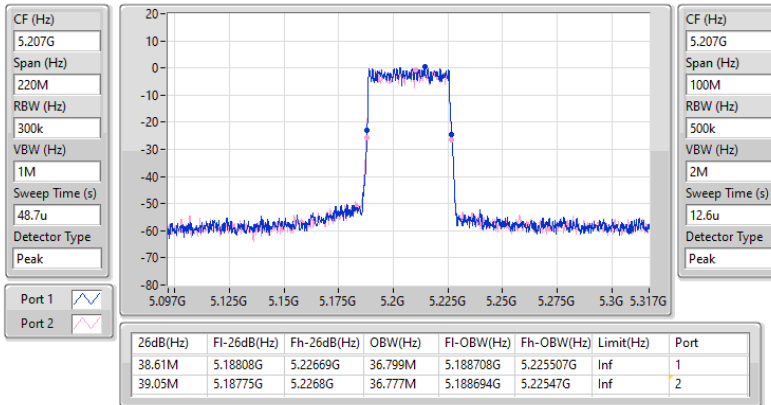


5.15-5.25GHz_QPSK40_40MHz_Nss1_2TX

EBW

5207MHz

30/08/2024

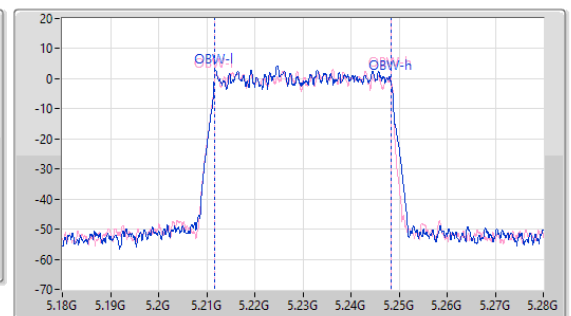
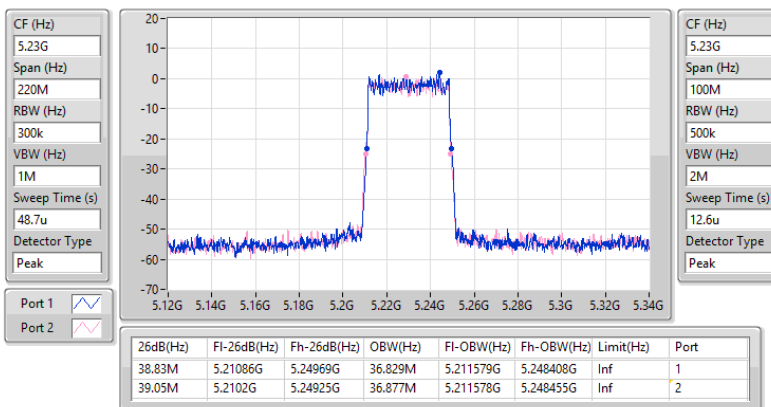


5.15-5.25GHz_QPSK40_40MHz_Nss1_2TX

EBW

5230MHz

09/10/2024



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
QPSK40+40_80MHz_Nss1_2TX	85.36M	82.635M	82M6G7D	79.42M	76.633M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
QPSK40+40_80MHz_Nss1_2TX	-	-	-	-	-	-
#5184MHz,#5230MHz	Pass	Inf	85.36M	82.635M	85.14M	82.607M
#5187MHz,#5227MHz	Pass	Inf	79.42M	76.716M	79.64M	76.633M

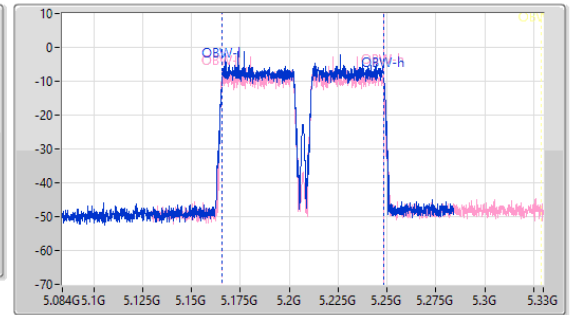
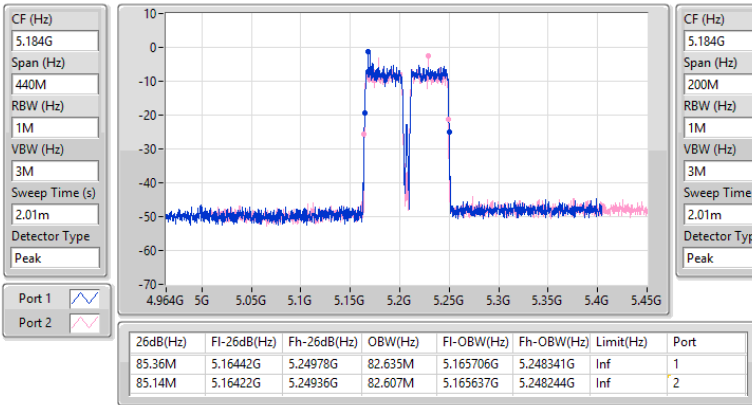
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz QPSK40+40 _80MHz_Nss1_2TX

EBW

#5184MHz,#5230MHz

09/10/2024

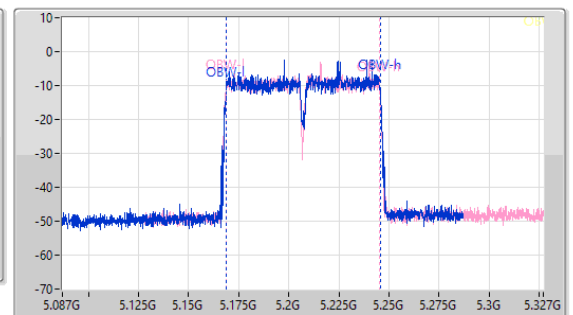
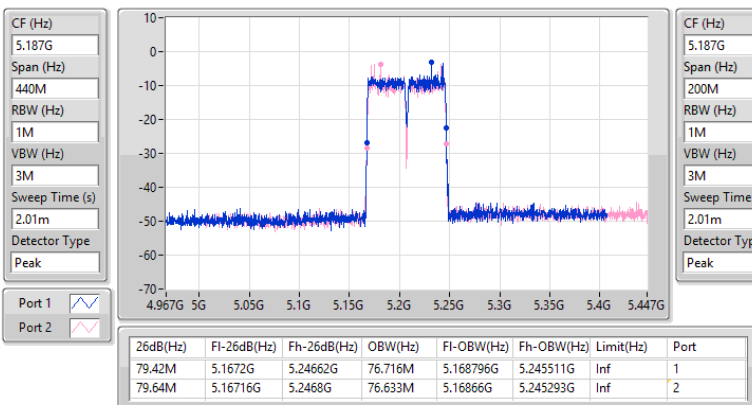


5.15-5.25GHz QPSK40+40 _80MHz_Nss1_2TX

EBW

#5187MHz,#5227MHz

09/10/2024



Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
QPSK5_5MHz_Nss1_2TX	21.10	0.12882
QPSK10_10MHz_Nss1_2TX	24.07	0.25527
QPSK15_15MHz_Nss1_2TX	24.22	0.26424
QPSK20_20MHz_Nss1_2TX	23.81	0.24044
QPSK30_30MHz_Nss1_2TX	17.04	0.05058
QPSK40_40MHz_Nss1_2TX	16.65	0.04624

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
QPSK5_5MHz_Nss1_2TX	-	-	-	-	-	-
5166.5MHz	Pass	26.00	17.43	17.21	20.33	27.00
5207MHz	Pass	26.00	18.12	18.05	21.10	27.00
5247.5MHz	Pass	26.00	18.33	17.70	21.04	27.00
QPSK10_10MHz_Nss1_2TX	-	-	-	-	-	-
5169MHz	Pass	26.00	13.85	14.15	17.01	27.00
5207MHz	Pass	26.00	16.01	15.94	18.99	27.00
5245MHz	Pass	26.00	21.22	20.89	24.07	27.00
QPSK15_15MHz_Nss1_2TX	-	-	-	-	-	-
5171.5MHz	Pass	26.00	13.12	13.09	16.12	27.00
5207MHz	Pass	26.00	15.06	15.00	18.04	27.00
5242.5MHz	Pass	26.00	21.41	20.99	24.22	27.00
QPSK20_20MHz_Nss1_2TX	-	-	-	-	-	-
5174MHz	Pass	26.00	12.90	12.71	15.82	27.00
5207MHz	Pass	26.00	14.79	14.60	17.71	27.00
5240MHz	Pass	26.00	20.91	20.68	23.81	27.00
QPSK30_30MHz_Nss1_2TX	-	-	-	-	-	-
5179MHz	Pass	26.00	9.33	9.97	12.67	27.00
5207MHz	Pass	26.00	14.08	13.97	17.04	27.00
5235MHz	Pass	26.00	12.68	12.53	15.62	27.00
QPSK40_40MHz_Nss1_2TX	-	-	-	-	-	-
5184MHz	Pass	26.00	9.00	8.75	11.89	27.00
5207MHz	Pass	26.00	12.90	12.61	15.77	27.00
5230MHz	Pass	26.00	13.79	13.49	16.65	27.00

DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.



Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
QPSK40+40_80MHz_Nss1_2TX	7.07	0.00509



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
QPSK40+40_80MHz_Nss1_2TX	-	-	-	-	-	-
#5184MHz,#5230MHz	Pass	26.00	4.45	3.62	7.07	27.00
#5187MHz,#5227MHz	Pass	26.00	3.42	2.68	6.08	27.00

DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
QPSK5_5MHz_Nss1_2TX	13.50
QPSK10_10MHz_Nss1_2TX	13.81
QPSK15_15MHz_Nss1_2TX	12.40
QPSK20_20MHz_Nss1_2TX	10.68
QPSK30_30MHz_Nss1_2TX	2.48
QPSK40_40MHz_Nss1_2TX	1.01

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
QPSK5_5MHz_Nss1_2TX	-	-	-	-	-	-
5166.5MHz	Pass	26.00	9.88	9.61	12.71	14.00
5207MHz	Pass	26.00	10.52	10.46	13.50	14.00
5247.5MHz	Pass	26.00	10.74	10.27	13.47	14.00
QPSK10_10MHz_Nss1_2TX	-	-	-	-	-	-
5169MHz	Pass	26.00	4.14	3.82	6.95	14.00
5207MHz	Pass	26.00	5.81	5.67	8.73	14.00
5245MHz	Pass	26.00	11.02	10.60	13.81	14.00
QPSK15_15MHz_Nss1_2TX	-	-	-	-	-	-
5171.5MHz	Pass	26.00	1.73	1.36	4.55	14.00
5207MHz	Pass	26.00	3.49	3.32	6.41	14.00
5242.5MHz	Pass	26.00	9.67	9.24	12.40	14.00
QPSK20_20MHz_Nss1_2TX	-	-	-	-	-	-
5174MHz	Pass	26.00	-0.02	-0.42	2.71	14.00
5207MHz	Pass	26.00	1.78	1.57	4.64	14.00
5240MHz	Pass	26.00	7.89	7.62	10.68	14.00
QPSK30_30MHz_Nss1_2TX	-	-	-	-	-	-
5179MHz	Pass	26.00	-3.89	-4.22	-1.20	14.00
5207MHz	Pass	26.00	-0.12	-0.39	2.48	14.00
5235MHz	Pass	26.00	-1.84	-1.89	1.02	14.00
QPSK40_40MHz_Nss1_2TX	-	-	-	-	-	-
5184MHz	Pass	26.00	-6.11	-6.68	-3.44	14.00
5207MHz	Pass	26.00	-2.31	-2.75	0.49	14.00
5230MHz	Pass	26.00	-1.84	-2.00	1.01	14.00

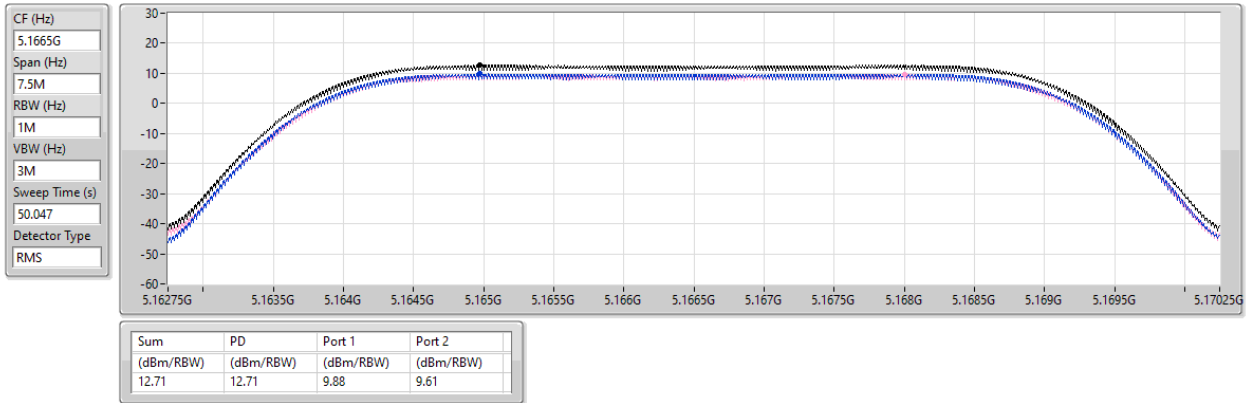
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.15-5.25GHz_QPSK5_5MHz_Nss1_2TX

PSD

5166.5MHz

06/09/2024

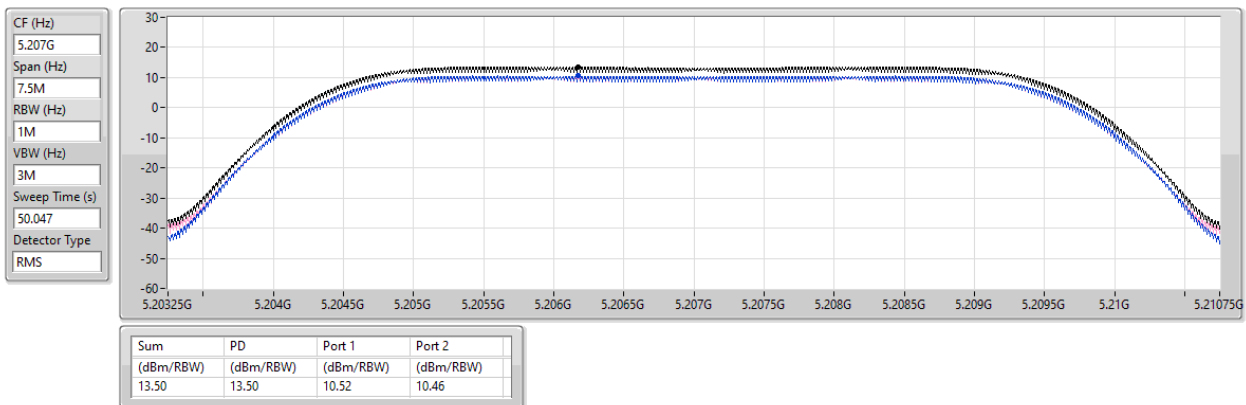


5.15-5.25GHz_QPSK5_5MHz_Nss1_2TX

PSD

5207MHz

06/09/2024

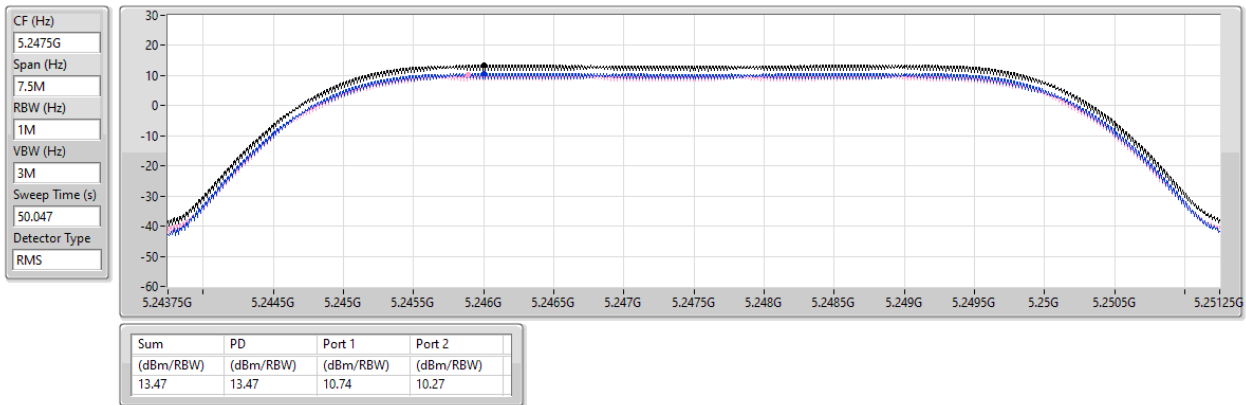


5.15-5.25GHz_QPSK5_5MHz_Nss1_2TX

PSD

5247.5MHz

30/08/2024

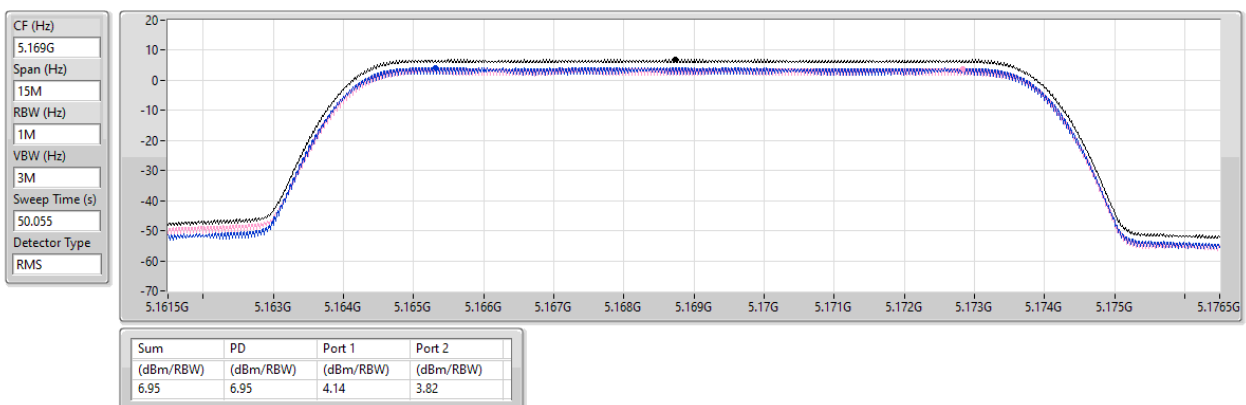


5.15-5.25GHz_QPSK10_10MHz_Nss1_2TX

PSD

5169MHz

30/08/2024

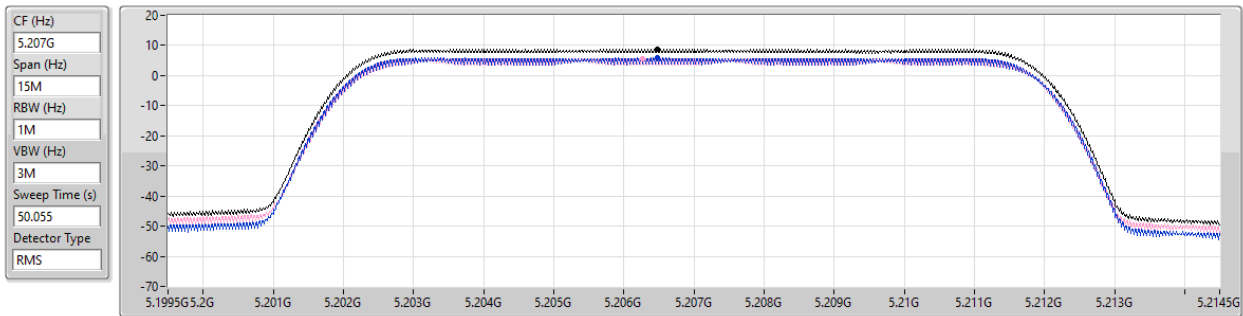


5.15-5.25GHz_QPSK10_10MHz_Nss1_2TX

PSD

5207MHz

30/08/2024



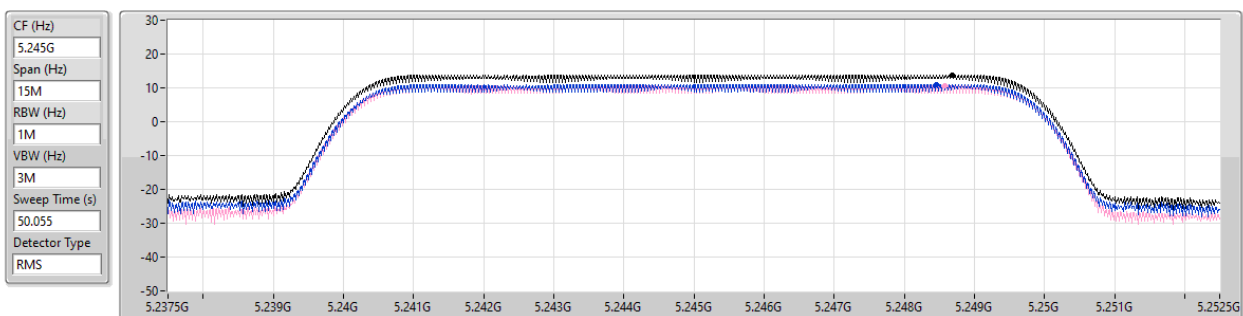
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.73	8.73	5.81	5.67

5.15-5.25GHz_QPSK10_10MHz_Nss1_2TX

PSD

5245MHz

30/08/2024



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
13.81	13.81	11.02	10.60

5.15-5.25GHz_QPSK15_15MHz_Nss1_2TX

PSD

5171.5MHz

30/08/2024

CF (Hz)
5.1715G

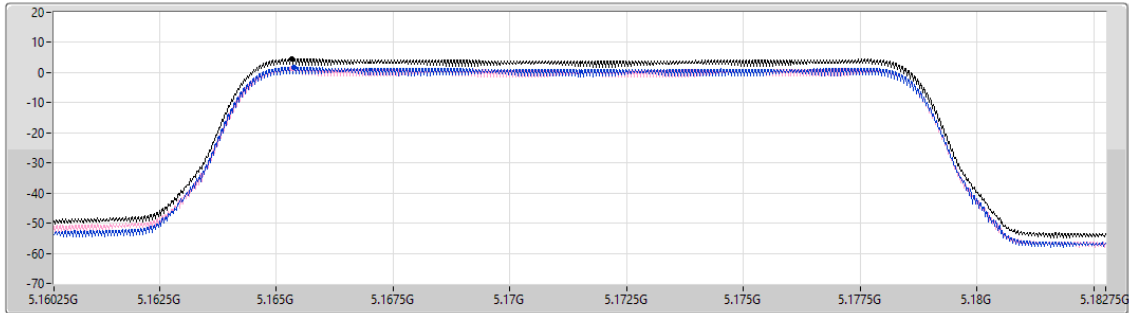
Span (Hz)
22.5M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
50.05

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.55	4.55	1.73	1.36

5.15-5.25GHz_QPSK15_15MHz_Nss1_2TX

PSD

5207MHz

30/08/2024

CF (Hz)
5.207G

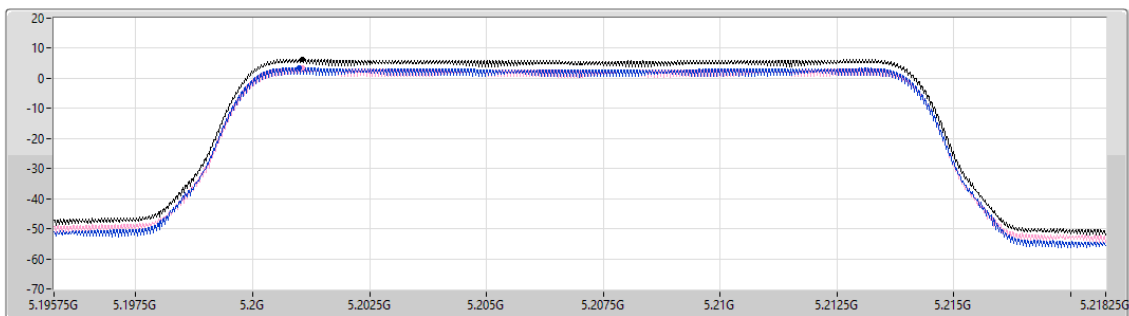
Span (Hz)
22.5M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
50.05

Detector Type
RMS



Sum 

Port 1 

Port 2 

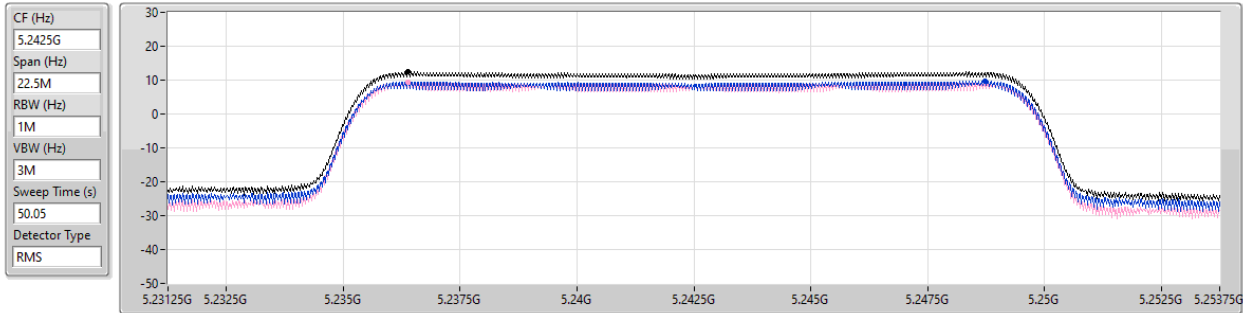
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.41	6.41	3.49	3.32

5.15-5.25GHz_QPSK15_15MHz_Nss1_2TX

PSD

5242.5MHz

30/08/2024

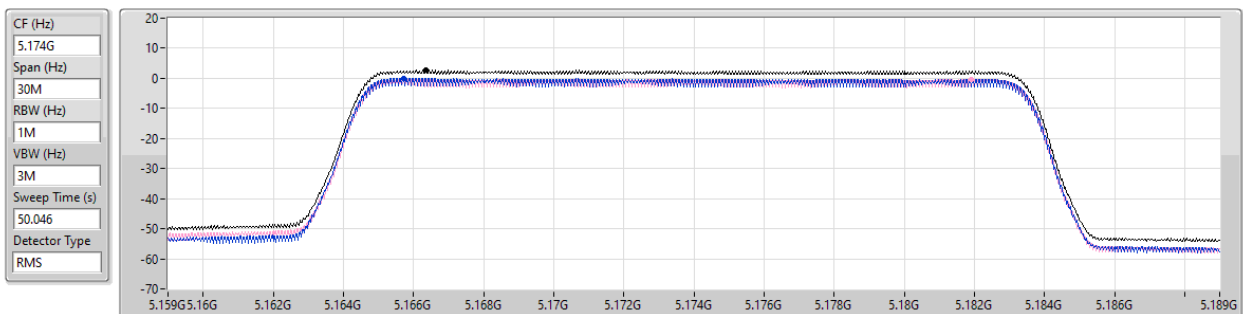


5.15-5.25GHz_QPSK20_20MHz_Nss1_2TX

PSD

5174MHz

30/08/2024

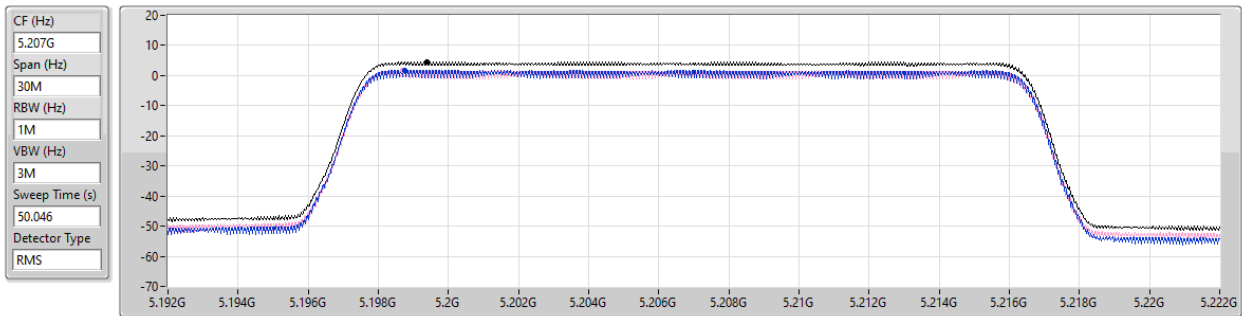


5.15-5.25GHz_QPSK20_20MHz_Nss1_2TX

PSD

5207MHz

30/08/2024



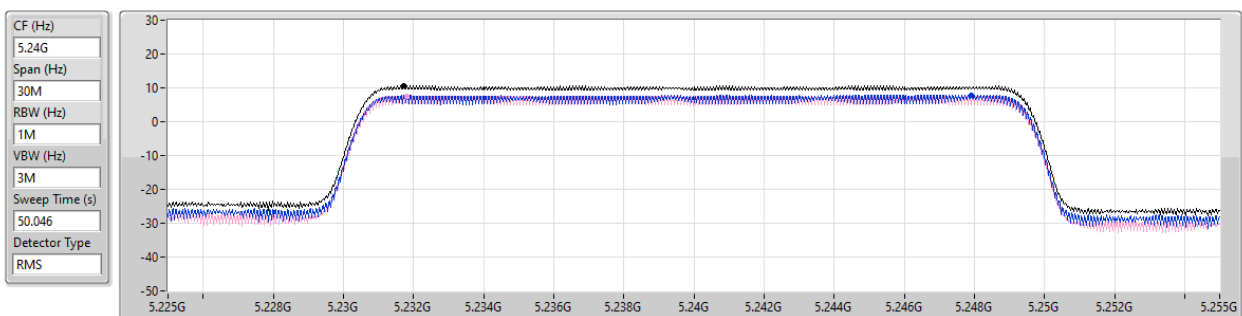
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.64	4.64	1.78	1.57

5.15-5.25GHz_QPSK20_20MHz_Nss1_2TX

PSD

5240MHz

30/08/2024



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.68	10.68	7.89	7.62

5.15-5.25GHz_QPSK30_30MHz_Nss1_2TX

PSD

5179MHz

30/08/2024

CF (Hz)
5.179G

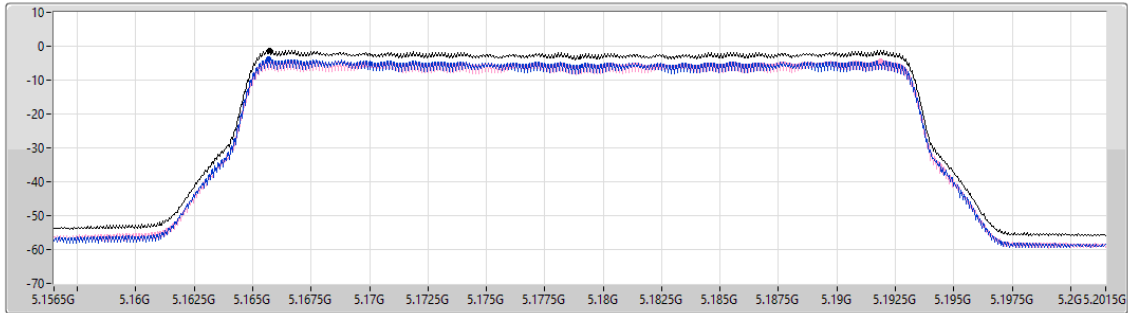
Span (Hz)
45M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
50.053

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.20	-1.20	-3.89	-4.22

5.15-5.25GHz_QPSK30_30MHz_Nss1_2TX

PSD

5207MHz

30/08/2024

CF (Hz)
5.207G

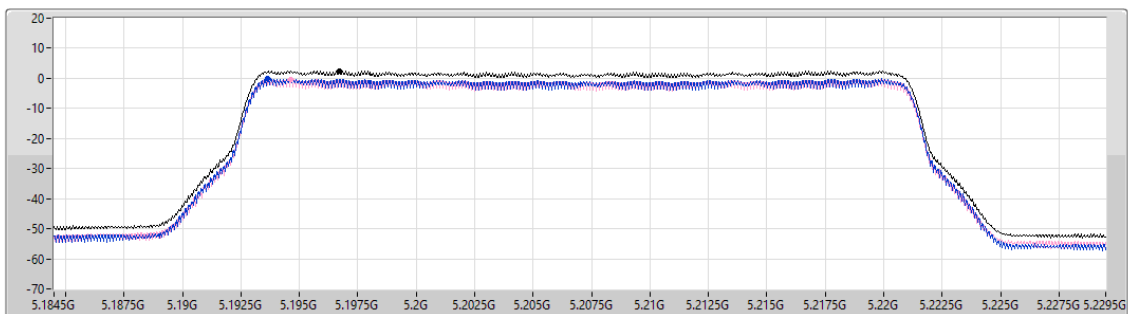
Span (Hz)
45M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
50.053

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.48	2.48	-0.12	-0.39

5.15-5.25GHz_QPSK30_30MHz_Nss1_2TX

PSD

5235MHz

09/10/2024

CF (Hz)
5.235G

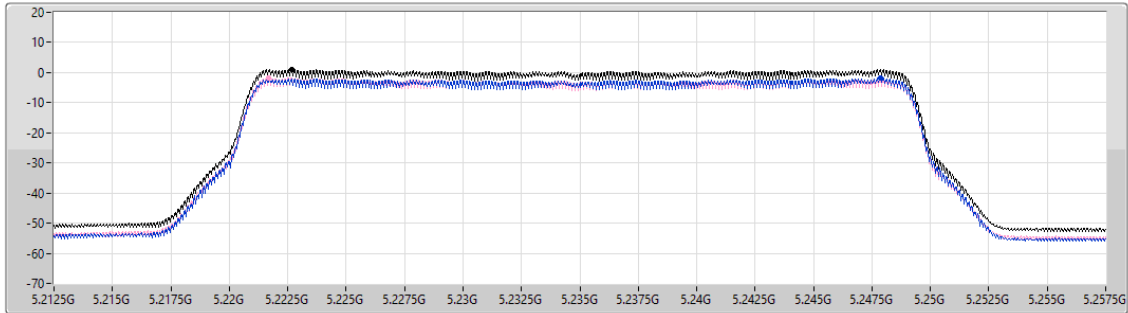
Span (Hz)
45M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
50.053

Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.02	1.02	-1.84	-1.89

Sum ☒

Port 1 ☐

Port 2 ☐

5.15-5.25GHz_QPSK40_40MHz_Nss1_2TX

PSD

5184MHz

30/08/2024

CF (Hz)
5.184G

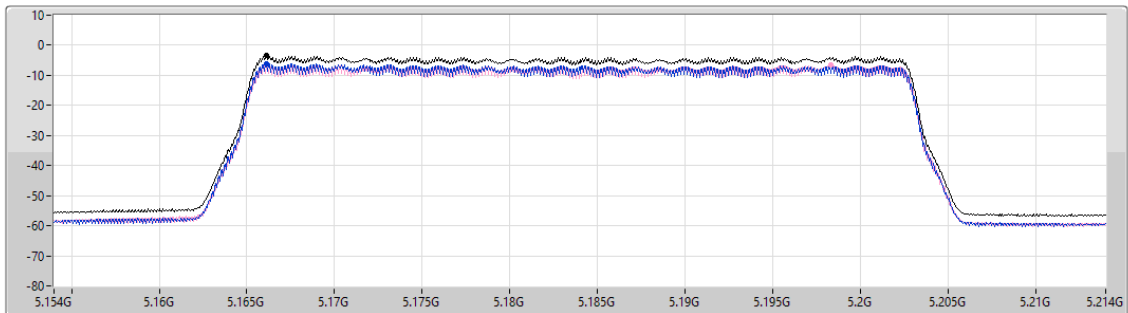
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
50.05

Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.44	-3.44	-6.11	-6.68

Sum ☒

Port 1 ☐

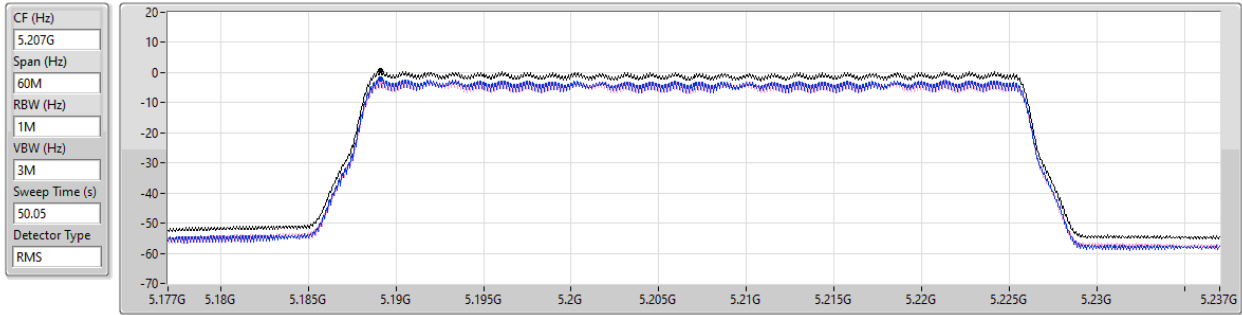
Port 2 ☐

5.15-5.25GHz_QPSK40_40MHz_Nss1_2TX

PSD

5207MHz

30/08/2024



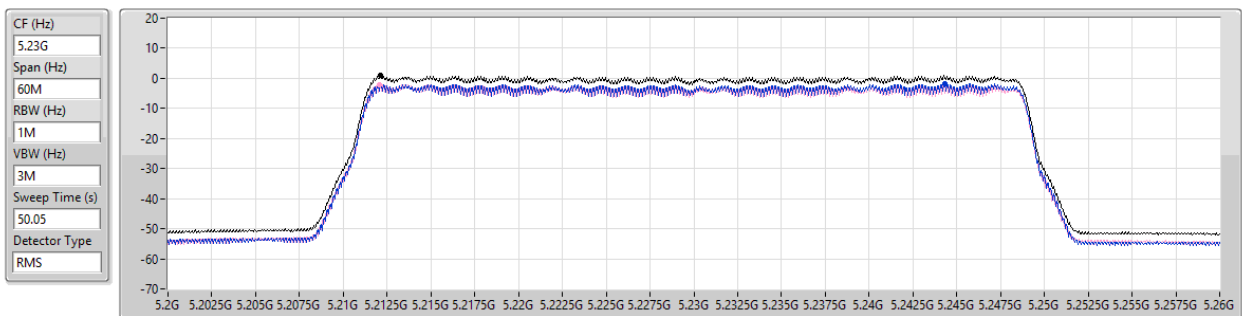
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.49	0.49	-2.31	-2.75

5.15-5.25GHz_QPSK40_40MHz_Nss1_2TX

PSD

5230MHz

09/10/2024



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.01	1.01	-1.84	-2.00



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
QPSK40+40_80MHz_Nss1_2TX	-12.71

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
QPSK40+40_80MHz_Nss1_2TX	-	-	-	-	-	-
#5184MHz,#5230MHz	Pass	26.00	-14.66	-15.78	-12.71	14.00
#5187MHz,#5227MHz	Pass	26.00	-15.94	-16.54	-13.89	14.00

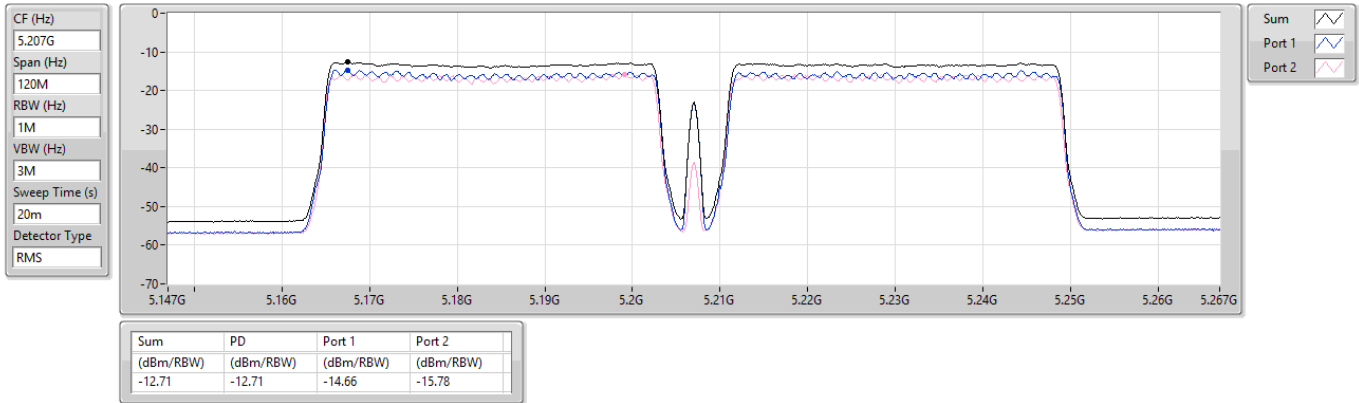
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.15-5.25GHz_QPSK40+40_80MHz_Nss1_2TX

PSD

#5184MHz,#5230MHz

09/10/2024

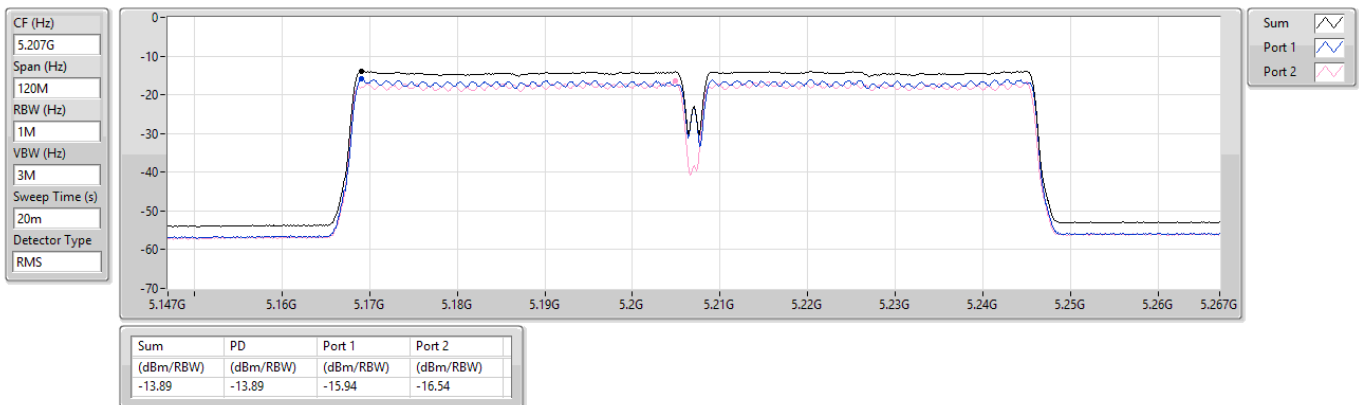


5.15-5.25GHz_QPSK40+40_80MHz_Nss1_2TX

PSD

#5187MHz,#5227MHz

09/10/2024



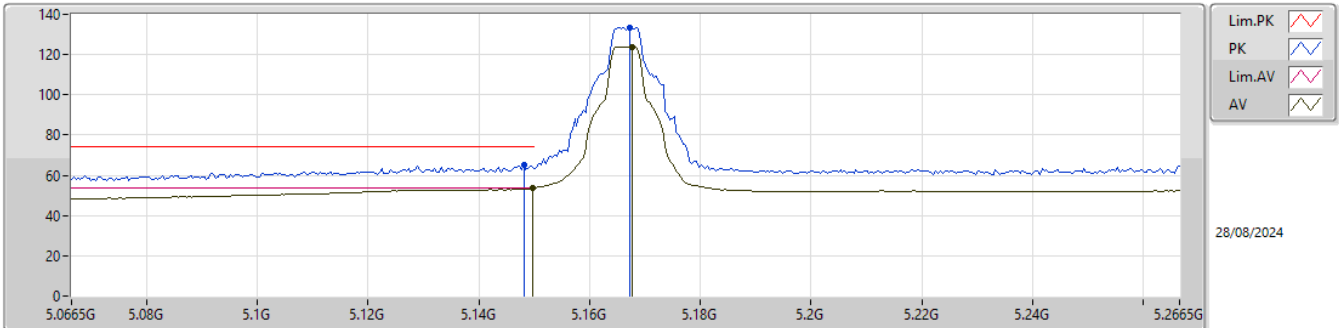


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
QPSK10_10MHz_Nss1_2TX	Pass	AV	5.149G	53.94	54.00	-0.06	3	Horizontal	356	1.80	-

5.15-5.25GHz_QPSK5_5MHz_Nss1_2TX

5166.5MHz_TX

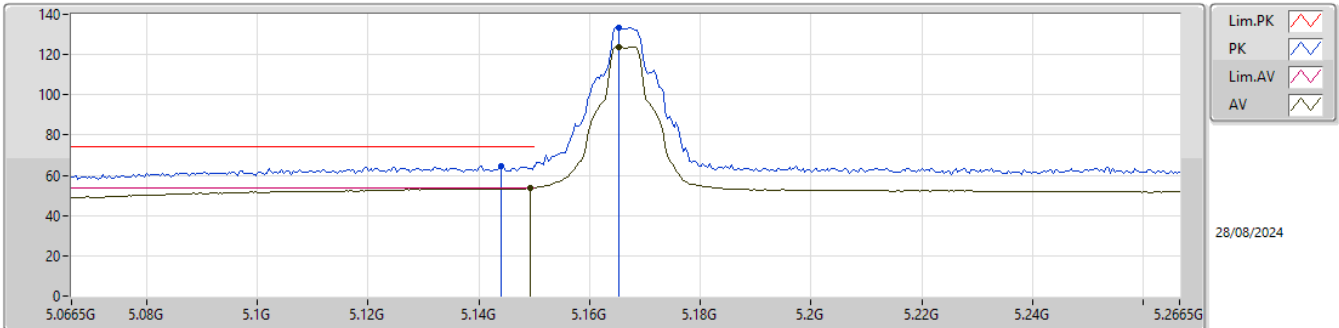


EUT_Y_2TX
Setting 20
06-P-J-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1481G	65.24	74.00	-8.76	60.38	3	Vertical	356	1.77	-	31.99	6.91	34.04			
AV	5.1497G	53.80	54.00	-0.20	48.93	3	Vertical	356	1.77	-	32.00	6.91	34.04			
PK	5.1673G	133.25	Inf	-Inf	128.47	3	Vertical	356	1.77	-	31.90	6.92	34.04			
AV	5.1677G	123.71	Inf	-Inf	118.94	3	Vertical	356	1.77	-	31.89	6.92	34.04			

5.15-5.25GHz_QPSK5_5MHz_Nss1_2TX

5166.5MHz_TX

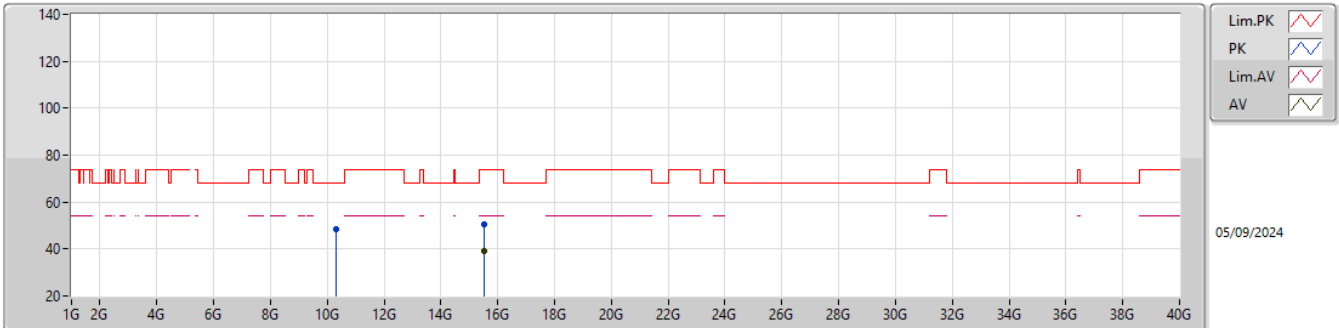


EUT_Y_2TX
Setting 20
06-P-J-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1441G	64.60	74.00	-9.40	59.75	3	Horizontal	357	1.65	-	31.98	6.91	34.04			
AV	5.1493G	53.85	54.00	-0.15	48.98	3	Horizontal	357	1.65	-	32.00	6.91	34.04			
PK	5.1653G	133.40	Inf	-Inf	128.61	3	Horizontal	357	1.65	-	31.91	6.92	34.04			
AV	5.1653G	123.59	Inf	-Inf	118.80	3	Horizontal	357	1.65	-	31.91	6.92	34.04			

5.15-5.25GHz_QPSK5_5MHz_Nss1_2TX

5166.5MHz_TX

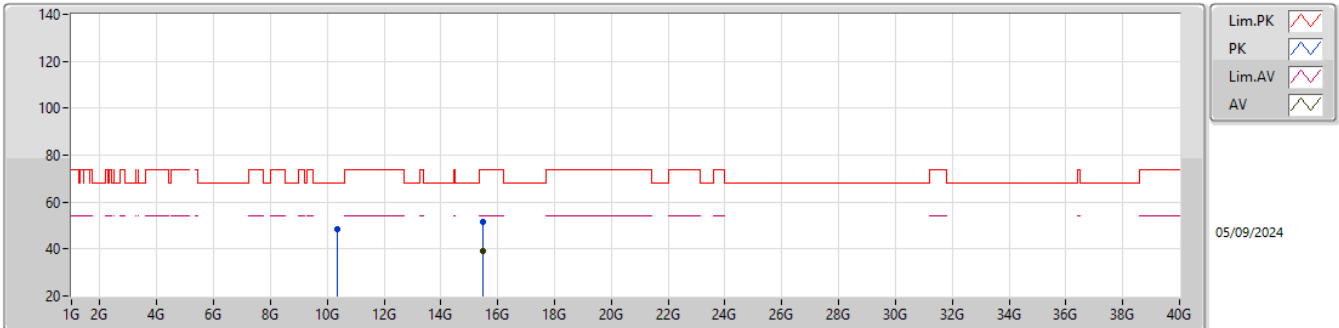


EUT_Y_2TX
Setting 20
06-P-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.31868G	48.70	68.20	-19.50	33.81	3	Vertical	270	1.56	-	39.35	10.01	34.47			
PK	15.5087G	50.48	74.00	-23.52	33.78	3	Vertical	239	2.66	-	38.37	12.44	34.11			
AV	15.51734G	39.02	54.00	-14.98	22.36	3	Vertical	239	2.66	-	38.33	12.44	34.11			

5.15-5.25GHz_QPSK5_5MHz_Nss1_2TX

5166.5MHz_TX

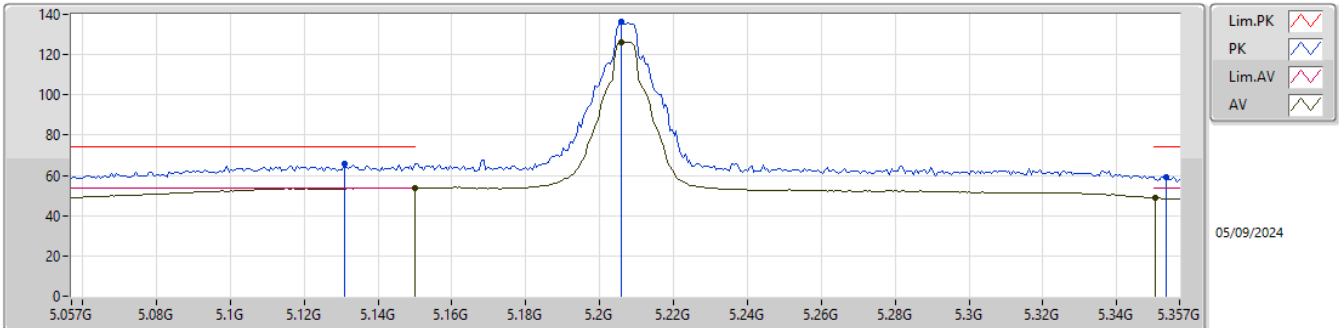


EUT_Y_2TX
Setting 20
06-P-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.33868G	48.58	68.20	-19.62	33.52	3	Horizontal	104	1.99	-	39.51	10.02	34.47			
PK	15.48094G	51.34	74.00	-22.66	34.61	3	Horizontal	134	2.30	-	38.44	12.42	34.13			
AV	15.49126G	39.06	54.00	-14.94	22.33	3	Horizontal	134	2.30	-	38.42	12.43	34.12			

5.15-5.25GHz_QPSK5_5MHz_Nss1_2TX

5207MHz_TX

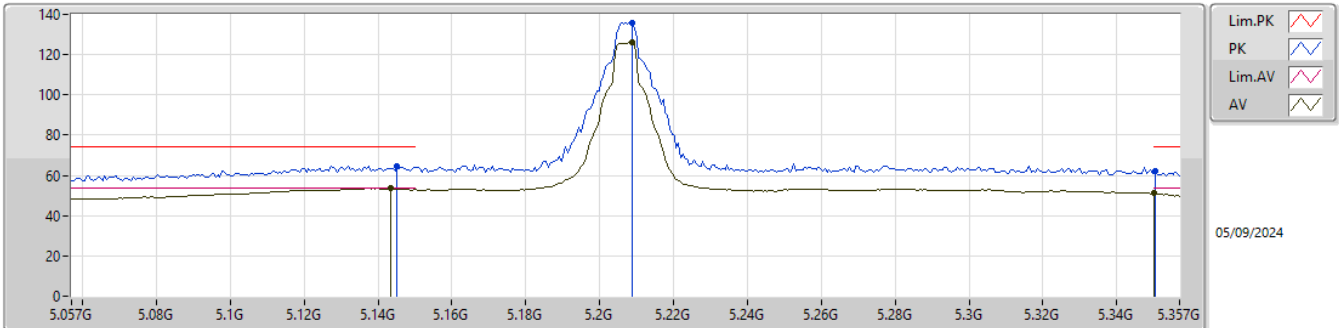


EUT_Y_2TX
Setting 24
06-P-P-5-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1308G	65.78	74.00	-8.22	60.98	3	Vertical	0	1.92	-	31.92	6.91	34.03			
AV	5.15G	53.76	54.00	-0.24	48.88	3	Vertical	0	1.92	-	32.00	6.92	34.04			
PK	5.2058G	136.08	Inf	-Inf	131.53	3	Vertical	0	1.92	-	31.67	6.94	34.06			
AV	5.2058G	126.03	Inf	-Inf	121.48	3	Vertical	0	1.92	-	31.67	6.94	34.06			
PK	5.3534G	59.19	74.00	-14.81	54.82	3	Vertical	0	1.92	-	31.41	7.06	34.10			
AV	5.3504G	48.74	54.00	-5.26	44.39	3	Vertical	0	1.92	-	31.40	7.05	34.10			

5.15-5.25GHz_QPSK5_5MHz_Nss1_2TX

5207MHz_TX

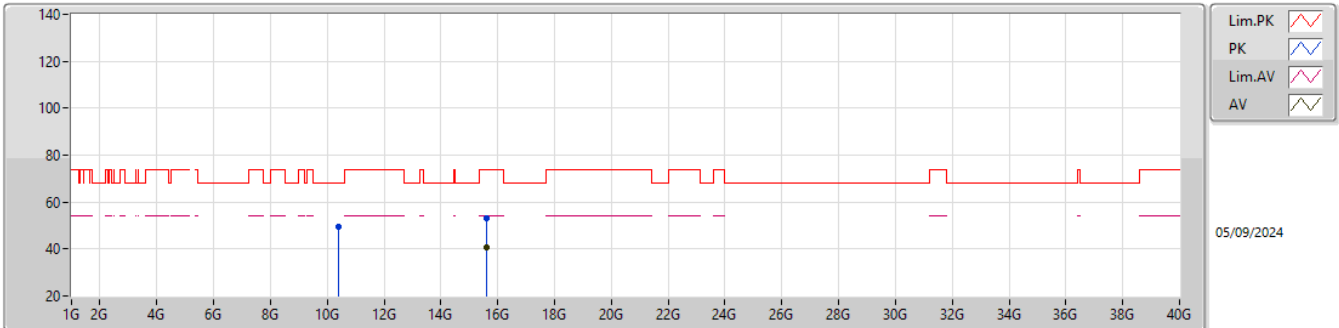


EUT_Y_2TX
Setting 24
06-P-P-5-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1452G	64.79	74.00	-9.21	59.94	3	Horizontal	-0.1	1.95	-	31.98	6.91	34.04			
AV	5.1434G	53.58	54.00	-0.42	48.74	3	Horizontal	-0.1	1.95	-	31.97	6.91	34.04			
PK	5.2088G	135.97	Inf	-Inf	131.43	3	Horizontal	-0.1	1.95	-	31.65	6.95	34.06			
AV	5.2088G	125.92	Inf	-Inf	121.38	3	Horizontal	-0.1	1.95	-	31.65	6.95	34.06			
PK	5.3504G	62.36	74.00	-11.64	58.01	3	Horizontal	-0.1	1.95	-	31.40	7.05	34.10			
AV	5.35G	51.06	54.00	-2.94	46.71	3	Horizontal	-0.1	1.95	-	31.40	7.05	34.10			

5.15-5.25GHz_QPSK5_5MHz_Nss1_2TX

5207MHz_TX

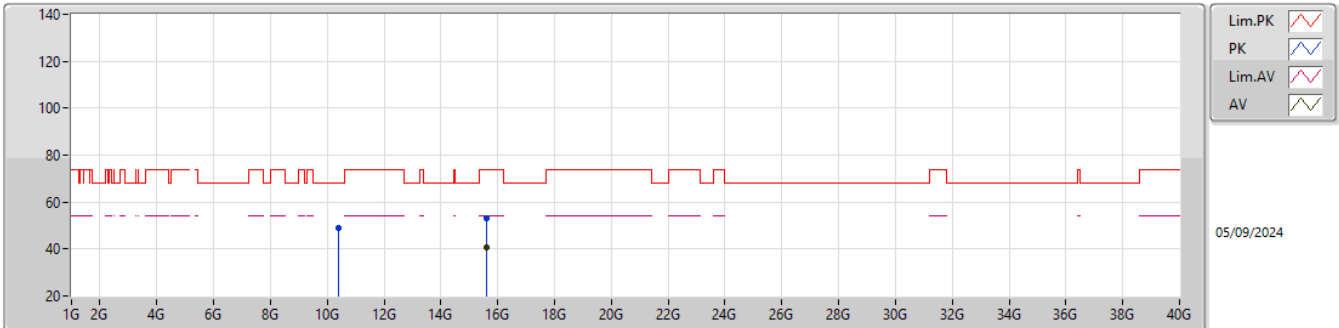


EUT_Y_2TX
Setting 24
06-P-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.40424G	49.54	68.20	-18.66	34.36	3	Vertical	333	1.00	-	39.61	10.05	34.48			
PK	15.62724G	53.13	74.00	-20.87	37.06	3	Vertical	359	3.00	-	37.73	12.49	34.15			
AV	15.60716G	40.72	54.00	-13.28	24.45	3	Vertical	359	3.00	-	37.93	12.48	34.14			

5.15-5.25GHz_QPSK5_5MHz_Nss1_2TX

5207MHz_TX

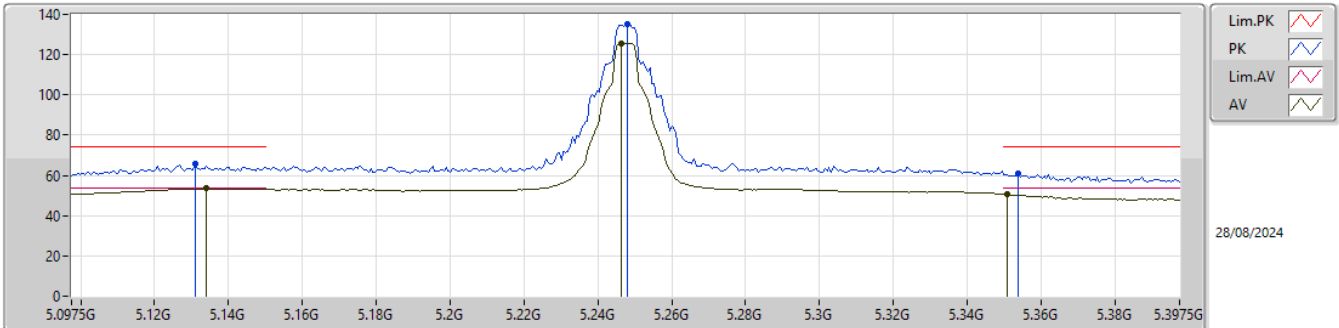


EUT_Y_2TX
Setting 24
06-P-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.41448G	48.74	68.20	-19.46	33.53	3	Horizontal	-0	1.80	-	39.63	10.06	34.48			
PK	15.61988G	53.07	74.00	-20.93	36.92	3	Horizontal	337	2.87	-	37.80	12.49	34.14			
AV	15.60868G	40.71	54.00	-13.29	24.46	3	Horizontal	337	2.87	-	37.91	12.48	34.14			

5.15-5.25GHz_QPSK5_5MHz_Nss1_2TX

5247.5MHz_TX

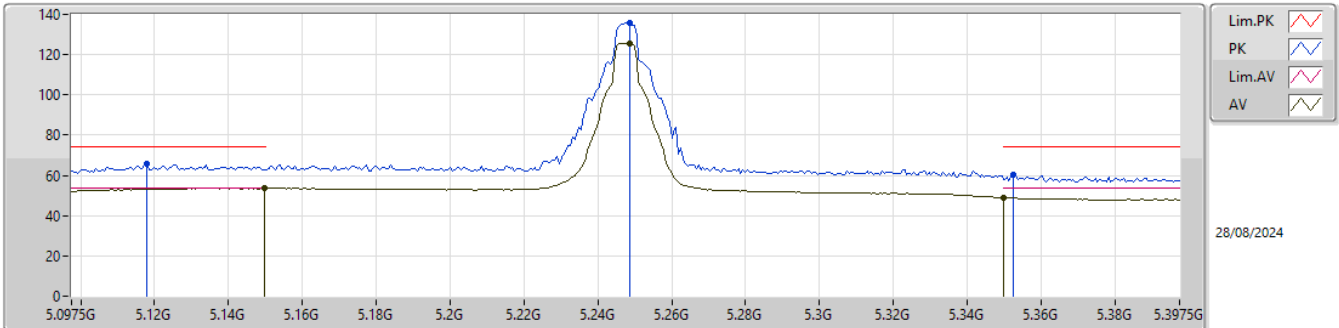


EUT_Y_2TX
Setting 24
06-P-J-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1311G	65.99	74.00	-8.01	61.19	3	Vertical	356	1.80	-	31.92	6.91	34.03			
AV	5.1341G	53.45	54.00	-0.55	48.63	3	Vertical	356	1.80	-	31.94	6.91	34.03			
PK	5.2481G	135.21	Inf	-Inf	130.89	3	Vertical	356	1.80	-	31.41	6.98	34.07			
AV	5.2463G	125.50	Inf	-Inf	121.18	3	Vertical	356	1.80	-	31.42	6.97	34.07			
PK	5.3537G	60.90	74.00	-13.10	56.53	3	Vertical	356	1.80	-	31.41	7.06	34.10			
AV	5.3507G	50.73	54.00	-3.27	46.38	3	Vertical	356	1.80	-	31.40	7.05	34.10			

5.15-5.25GHz_QPSK5_5MHz_Nss1_2TX

5247.5MHz_TX

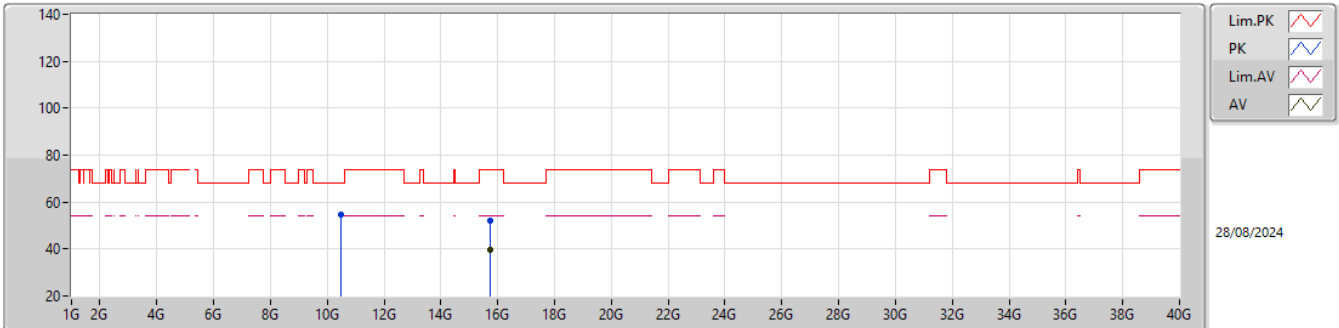


EUT_Y_2TX
Setting 24
06-P-J-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1179G	65.58	74.00	-8.42	60.84	3	Horizontal	358	1.72	-	31.87	6.90	34.03			
AV	5.1497G	53.67	54.00	-0.33	48.80	3	Horizontal	358	1.72	-	32.00	6.91	34.04			
PK	5.2487G	135.55	Inf	-Inf	131.23	3	Horizontal	358	1.72	-	31.41	6.98	34.07			
AV	5.2487G	125.50	Inf	-Inf	121.18	3	Horizontal	358	1.72	-	31.41	6.98	34.07			
PK	5.3525G	60.25	74.00	-13.75	55.89	3	Horizontal	358	1.72	-	31.41	7.05	34.10			
AV	5.35G	48.92	54.00	-5.08	44.57	3	Horizontal	358	1.72	-	31.40	7.05	34.10			

5.15-5.25GHz_QPSK5_5MHz_Nss1_2TX

5247.5MHz_TX

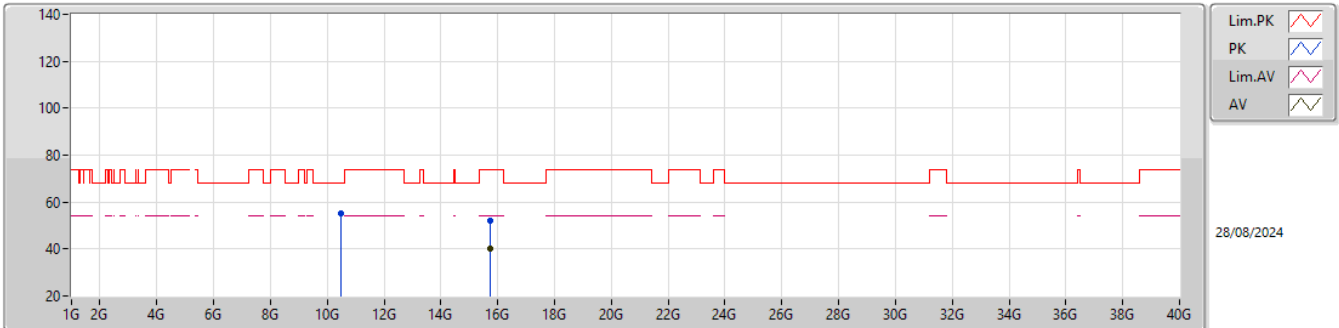


EUT_Y_2TX
Setting 24
06-P-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.49508G	54.88	68.20	-13.32	39.58	3	Vertical	316	1.51	-	39.70	10.10	34.50			
PK	15.74271G	52.26	74.00	-21.74	36.10	3	Vertical	2	2.37	-	37.79	12.55	34.18			
AV	15.74161G	39.81	54.00	-14.19	23.66	3	Vertical	2	2.37	-	37.78	12.55	34.18			

5.15-5.25GHz_QPSK5_5MHz_Nss1_2TX

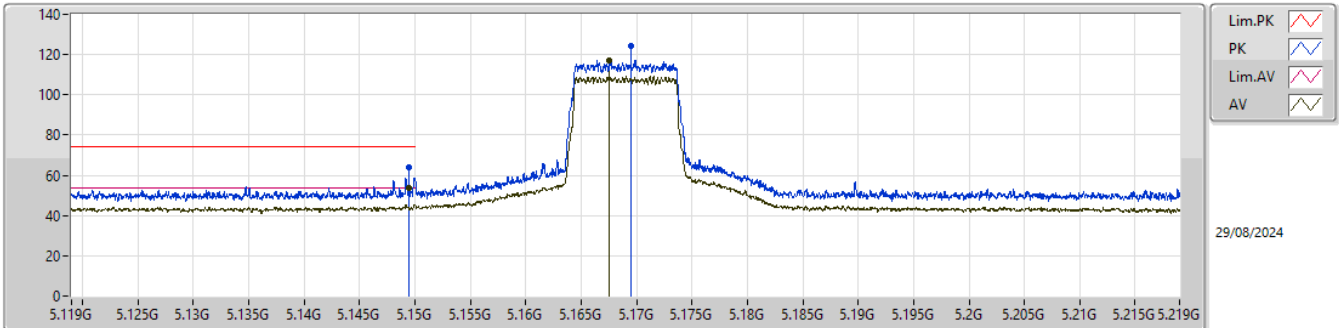
5247.5MHz_TX


EUT Y_2TX
Setting 24
06-P-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.49568G	55.36	68.20	-12.84	40.06	3	Horizontal	355	1.81	-	39.70	10.10	34.50			
PK	15.73848G	52.04	74.00	-21.96	35.89	3	Horizontal	180	1.80	-	37.78	12.55	34.18			
AV	15.72876G	40.05	54.00	-13.95	23.92	3	Horizontal	180	1.80	-	37.76	12.54	34.17			

5.15-5.25GHz_QPSK10_10MHz_Nss1_2TX

5169MHz_TX

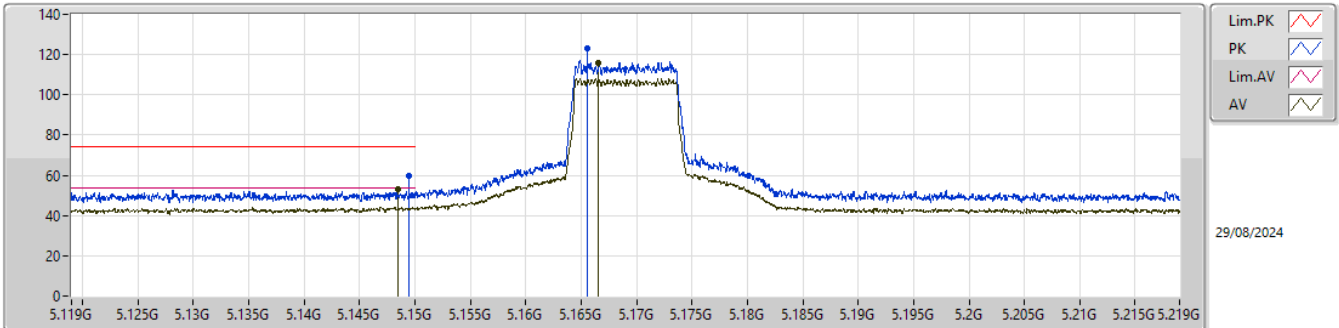


EUT_Y_2TX
Setting 17
06-P-E-5-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1495G	64.26	74.00	-9.74	57.26	3	Vertical	358	1.88	BP 1MHz	32.00	6.91	31.91			
AV	5.1495G	53.83	54.00	-0.17	46.83	3	Vertical	358	1.88	BP 1MHz	32.00	6.91	31.91			
PK	5.1695G	124.35	Inf	-Inf	117.45	3	Vertical	358	1.88	BP 1MHz	31.88	6.92	31.90			
AV	5.1675G	117.17	Inf	-Inf	110.25	3	Vertical	358	1.88	BP 1MHz	31.90	6.92	31.90			

5.15-5.25GHz_QPSK10_10MHz_Nss1_2TX

5169MHz_TX

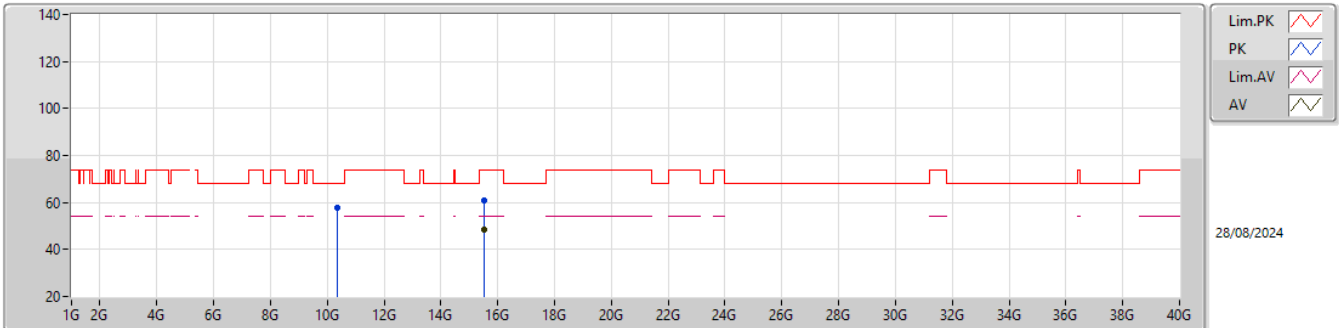


EUT_Y_2TX
Setting 17
06-P-E-5-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1495G	59.78	74.00	-14.22	52.78	3	Horizontal	356	1.84	BP 1MHz	32.00	6.91	31.91			
AV	5.1485G	53.00	54.00	-1.00	46.01	3	Horizontal	356	1.84	BP 1MHz	31.99	6.91	31.91			
PK	5.1655G	123.22	Inf	-Inf	116.29	3	Horizontal	356	1.84	BP 1MHz	31.91	6.92	31.90			
AV	5.1665G	115.93	Inf	-Inf	109.01	3	Horizontal	356	1.84	BP 1MHz	31.90	6.92	31.90			

5.15-5.25GHz_QPSK10_10MHz_Nss1_2TX

5169MHz_TX

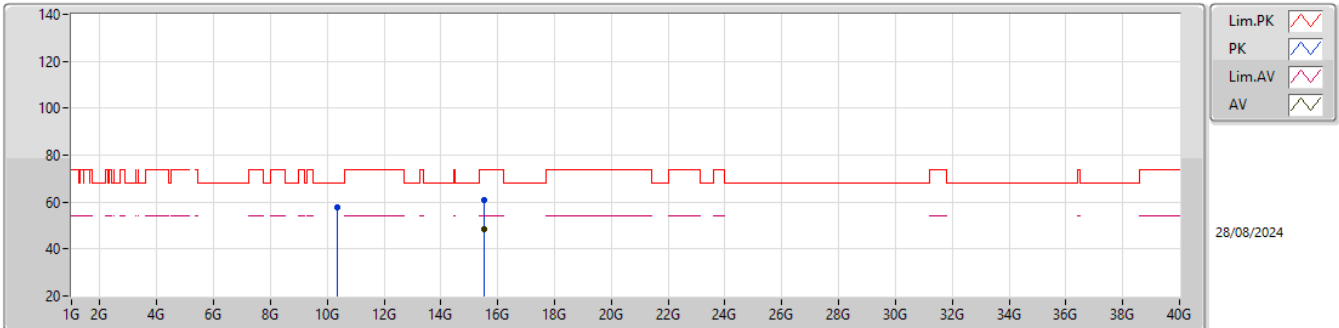


EUT_Y_2TX
Setting 17
06-P-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.33632G	57.71	68.20	-10.49	41.76	3	Vertical	156	1.80	-	39.49	10.02	33.56			
PK	15.5037G	60.72	74.00	-13.28	43.64	3	Vertical	282	1.80	-	38.39	12.43	33.74			
AV	15.51942G	48.50	54.00	-5.50	31.48	3	Vertical	282	1.80	-	38.32	12.44	33.74			

5.15-5.25GHz_QPSK10_10MHz_Nss1_2TX

5169MHz_TX

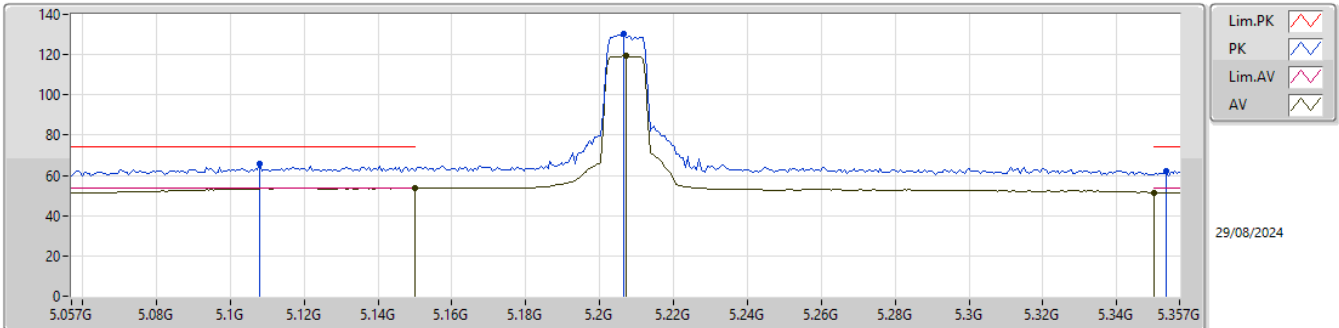


EUT_Y_2TX
Setting 17
06-P-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.33536G	57.58	68.20	-10.62	41.64	3	Horizontal	144	1.01	-	39.48	10.02	33.56			
PK	15.5127G	60.62	74.00	-13.38	43.57	3	Horizontal	344	1.29	-	38.35	12.44	33.74			
AV	15.51306G	48.52	54.00	-5.48	31.47	3	Horizontal	344	1.29	-	38.35	12.44	33.74			

5.15-5.25GHz_QPSK10_10MHz_Nss1_2TX

5207MHz_TX

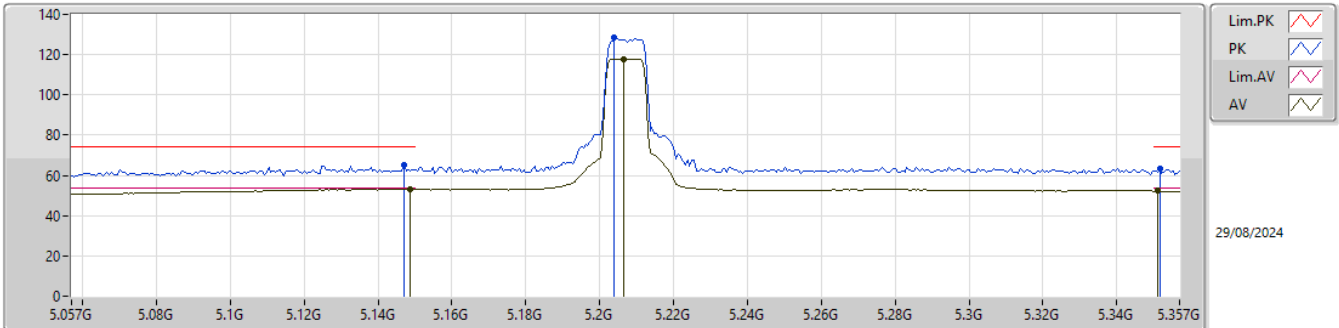


EUT_Y_2TX
Setting 19
06-P-E-5-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.108G	65.50	74.00	-8.50	58.70	3	Vertical	360	1.89	-	31.83	6.89	31.92			
AV	5.15G	53.88	54.00	-0.12	46.87	3	Vertical	360	1.89	-	32.00	6.92	31.91			
PK	5.2064G	130.24	Inf	-Inf	123.53	3	Vertical	360	1.89	-	31.66	6.94	31.89			
AV	5.207G	119.43	Inf	-Inf	112.71	3	Vertical	360	1.89	-	31.66	6.95	31.89			
PK	5.3534G	61.93	74.00	-12.07	55.32	3	Vertical	360	1.89	-	31.41	7.06	31.86			
AV	5.35G	51.55	54.00	-2.45	44.96	3	Vertical	360	1.89	-	31.40	7.05	31.86			

5.15-5.25GHz_QPSK10_10MHz_Nss1_2TX

5207MHz_TX

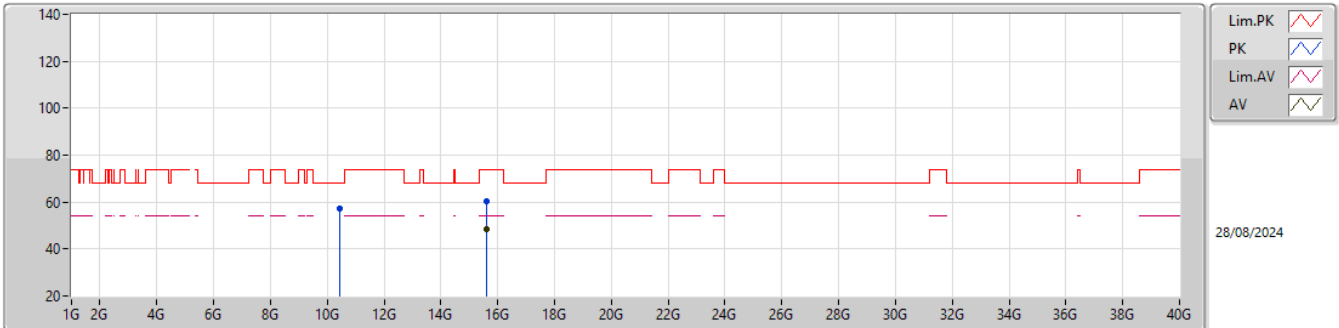


EUT_Y_2TX
Setting 19
06-P-E-5-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.147G	65.19	74.00	-8.81	58.20	3	Horizontal	358	1.80	-	31.99	6.91	31.91			
AV	5.1488G	53.02	54.00	-0.98	46.02	3	Horizontal	358	1.80	-	32.00	6.91	31.91			
PK	5.204G	128.72	Inf	-Inf	122.00	3	Horizontal	358	1.80	-	31.68	6.94	31.90			
AV	5.2064G	117.67	Inf	-Inf	110.96	3	Horizontal	358	1.80	-	31.66	6.94	31.89			
PK	5.3516G	63.51	74.00	-10.49	56.92	3	Horizontal	358	1.80	-	31.40	7.05	31.86			
AV	5.351G	52.33	54.00	-1.67	45.74	3	Horizontal	358	1.80	-	31.40	7.05	31.86			

5.15-5.25GHz_QPSK10_10MHz_Nss1_2TX

5207MHz_TX

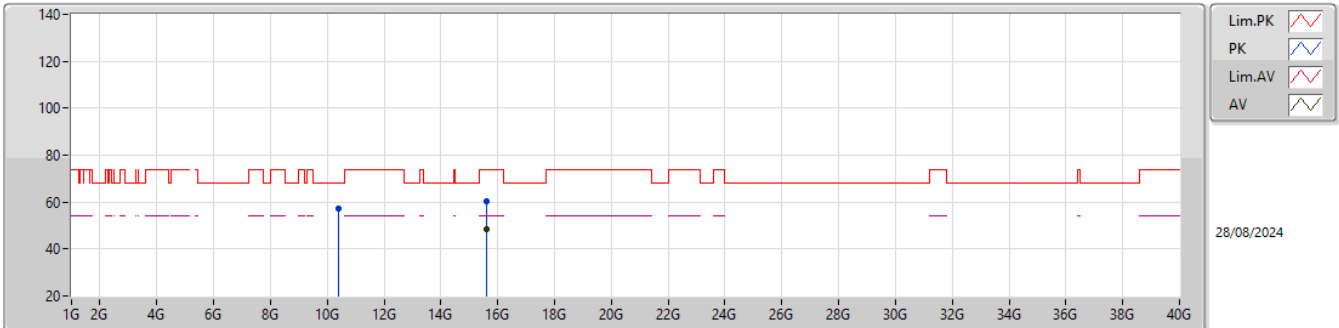


EUT_Y_2TX
Setting 19
06-P-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.42666G	57.31	68.20	-10.89	41.15	3	Vertical	8	1.80	-	39.65	10.06	33.55			
PK	15.62934G	60.23	74.00	-13.77	43.78	3	Vertical	353	1.80	-	37.71	12.49	33.75			
AV	15.6081G	48.42	54.00	-5.58	31.76	3	Vertical	353	1.80	-	37.92	12.48	33.74			

5.15-5.25GHz_QPSK10_10MHz_Nss1_2TX

5207MHz_TX

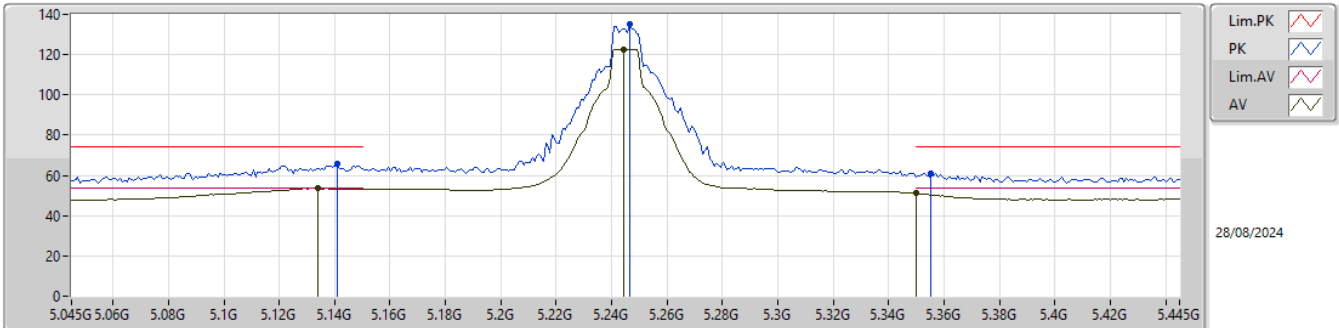


EUT_Y_2TX
Setting 19
06-P-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.40782G	57.28	68.20	-10.92	41.16	3	Horizontal	147	1.53	-	39.62	10.05	33.55			
PK	15.6168G	60.51	74.00	-13.49	43.93	3	Horizontal	53	1.42	-	37.83	12.49	33.74			
AV	15.60624G	48.38	54.00	-5.62	31.70	3	Horizontal	53	1.42	-	37.94	12.48	33.74			

5.15-5.25GHz_QPSK10_10MHz_Nss1_2TX

5245MHz_TX

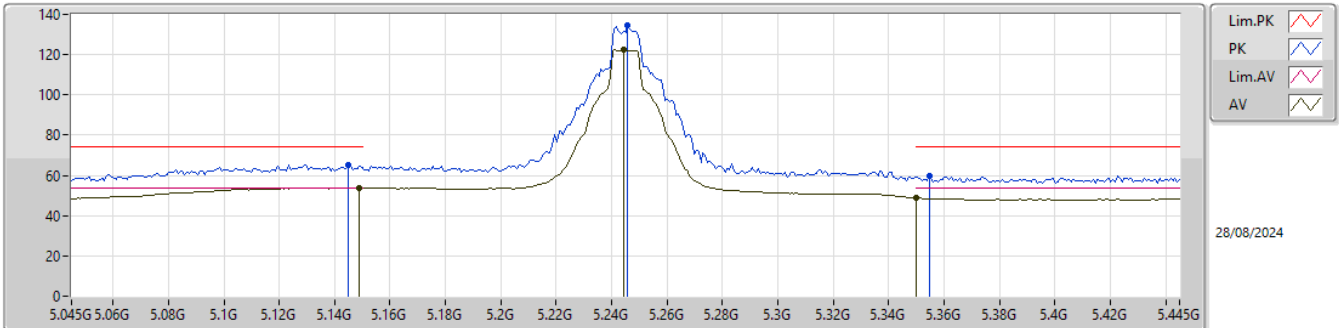


EUT_Y_2TX
Setting 24
06-P-G-2-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.141G	65.51	74.00	-8.49	60.68	3	Vertical	357	1.80	-	31.96	6.91	34.04			
AV	5.1338G	53.58	54.00	-0.42	48.76	3	Vertical	357	1.80	-	31.94	6.91	34.03			
PK	5.2466G	135.07	Inf	-Inf	130.75	3	Vertical	357	1.80	-	31.42	6.97	34.07			
AV	5.2442G	122.52	Inf	-Inf	118.19	3	Vertical	357	1.80	-	31.43	6.97	34.07			
PK	5.3554G	61.02	74.00	-12.98	56.65	3	Vertical	357	1.80	-	31.41	7.06	34.10			
AV	5.35G	51.08	54.00	-2.92	46.73	3	Vertical	357	1.80	-	31.40	7.05	34.10			

5.15-5.25GHz_QPSK10_10MHz_Nss1_2TX

5245MHz_TX

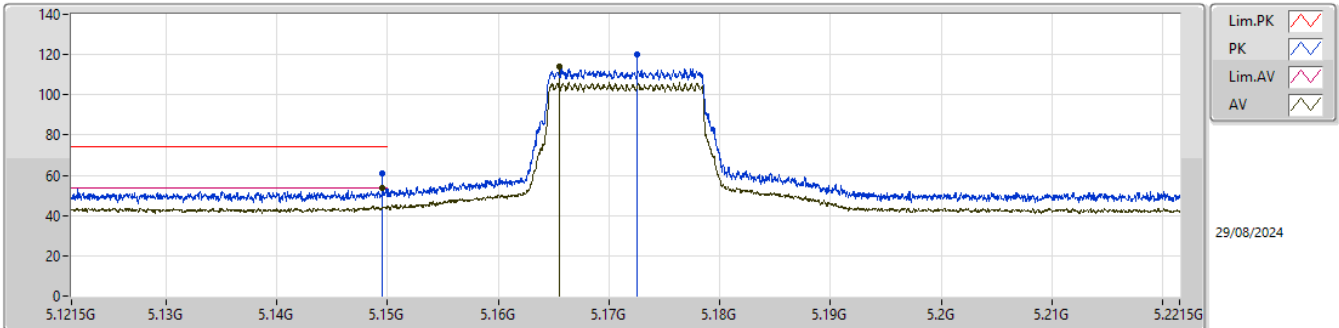


EUT_Y_2TX
Setting 24
06-P-G-2-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.145G	65.47	74.00	-8.53	60.62	3	Horizontal	356	1.80	-	31.98	6.91	34.04			
AV	5.149G	53.94	54.00	-0.06	49.07	3	Horizontal	356	1.80	-	32.00	6.91	34.04			
PK	5.2458G	134.81	Inf	-Inf	130.48	3	Horizontal	356	1.80	-	31.43	6.97	34.07			
AV	5.2442G	122.22	Inf	-Inf	117.89	3	Horizontal	356	1.80	-	31.43	6.97	34.07			
PK	5.3546G	59.77	74.00	-14.23	55.40	3	Horizontal	356	1.80	-	31.41	7.06	34.10			
AV	5.35G	48.92	54.00	-5.08	44.57	3	Horizontal	356	1.80	-	31.40	7.05	34.10			

5.15-5.25GHz_QPSK15_15MHz_Nss1_2TX

5171.5MHz_TX

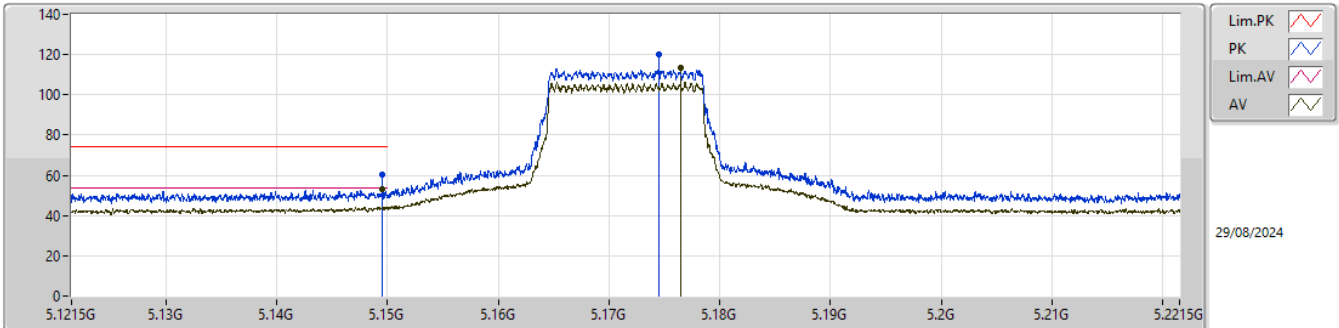


EUT_Y_2TX
Setting 16
06-P-E-5-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1495G	60.72	74.00	-13.28	53.72	3	Vertical	357	1.80	BP 1MHz	32.00	6.91	31.91			
AV	5.1495G	53.42	54.00	-0.58	46.42	3	Vertical	357	1.80	BP 1MHz	32.00	6.91	31.91			
PK	5.1725G	120.24	Inf	-Inf	113.34	3	Vertical	357	1.80	BP 1MHz	31.87	6.93	31.90			
AV	5.1655G	113.92	Inf	-Inf	106.99	3	Vertical	357	1.80	BP 1MHz	31.91	6.92	31.90			

5.15-5.25GHz_QPSK15_15MHz_Nss1_2TX

5171.5MHz_TX

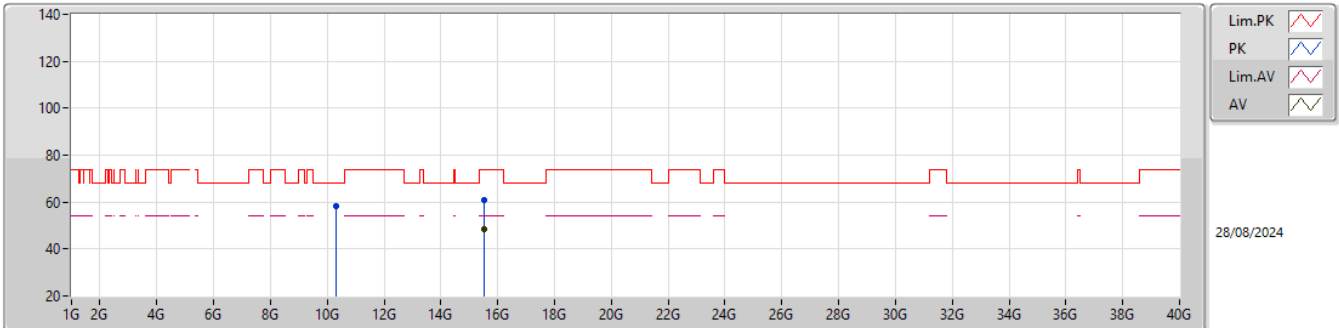


EUT_Y_2TX
Setting 16
06-P-E-5-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1495G	60.07	74.00	-13.93	53.07	3	Horizontal	357	1.86	BP 1MHz	32.00	6.91	31.91			
AV	5.1495G	53.40	54.00	-0.60	46.40	3	Horizontal	357	1.86	BP 1MHz	32.00	6.91	31.91			
PK	5.1745G	120.37	Inf	-Inf	113.49	3	Horizontal	357	1.86	BP 1MHz	31.85	6.93	31.90			
AV	5.1765G	113.68	Inf	-Inf	106.81	3	Horizontal	357	1.86	BP 1MHz	31.84	6.93	31.90			

5.15-5.25GHz_QPSK15_15MHz_Nss1_2TX

5171.5MHz_TX

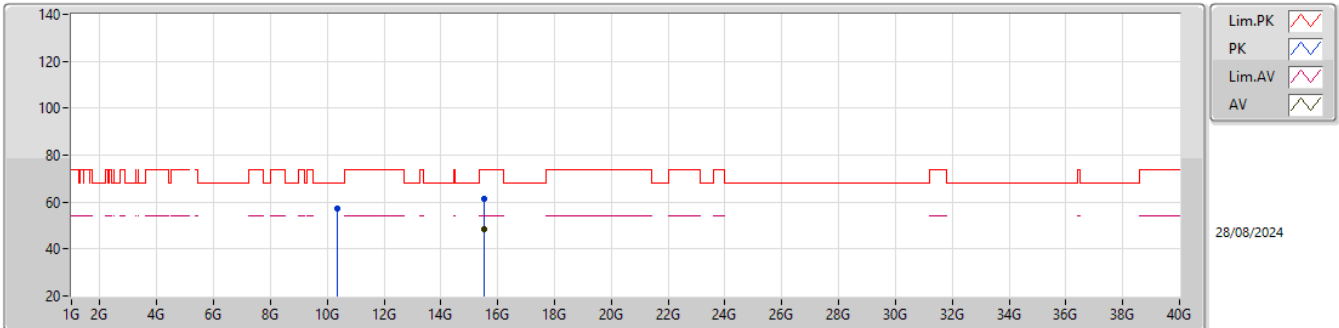


EUT_Y_2TX
Setting 16
06-P-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.3304G	58.31	68.20	-9.89	42.41	3	Vertical	122	1.80	-	39.44	10.02	33.56			
PK	15.50694G	60.79	74.00	-13.21	43.72	3	Vertical	354	2.69	-	38.37	12.44	33.74			
AV	15.52872G	48.53	54.00	-5.47	31.53	3	Vertical	354	2.69	-	38.29	12.45	33.74			

5.15-5.25GHz_QPSK15_15MHz_Nss1_2TX

5171.5MHz_TX

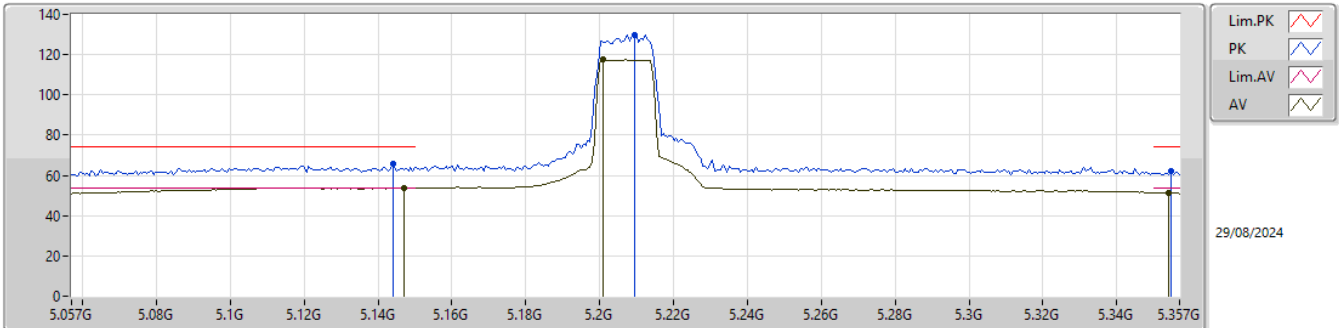


EUT_Y_2TX
Setting 16
06-P-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.35146G	57.25	68.20	-10.95	41.18	3	Horizontal	250	1.80	-	39.60	10.03	33.56			
PK	15.52368G	61.51	74.00	-12.49	44.50	3	Horizontal	1	1.80	-	38.31	12.44	33.74			
AV	15.5217G	48.42	54.00	-5.58	31.41	3	Horizontal	1	1.80	-	38.31	12.44	33.74			

5.15-5.25GHz_QPSK15_15MHz_Nss1_2TX

5207MHz_TX

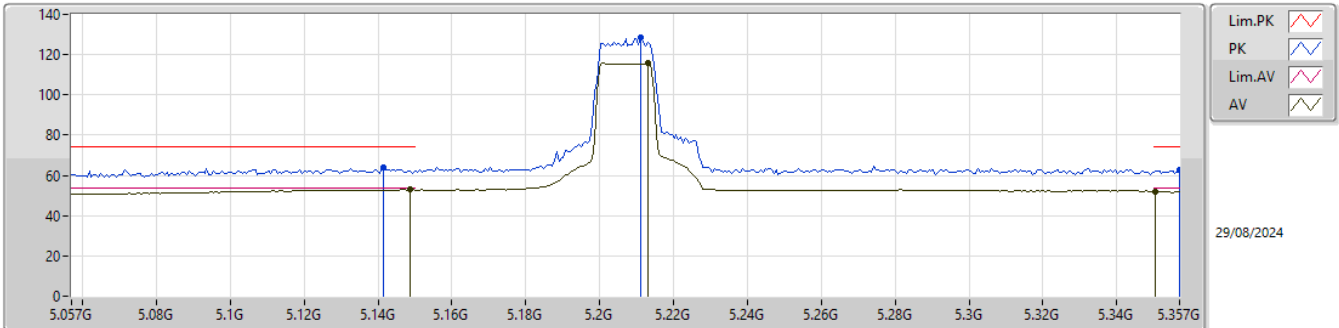


EUT_Y_2TX
Setting 18
06-P-E-5-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.144G	65.68	74.00	-8.32	58.70	3	Vertical	358	1.90	-	31.98	6.91	31.91			
AV	5.147G	53.85	54.00	-0.15	46.86	3	Vertical	358	1.90	-	31.99	6.91	31.91			
PK	5.2094G	129.84	Inf	-Inf	123.14	3	Vertical	358	1.90	-	31.64	6.95	31.89			
AV	5.201G	117.47	Inf	-Inf	110.74	3	Vertical	358	1.90	-	31.69	6.94	31.90			
PK	5.3546G	61.93	74.00	-12.07	55.32	3	Vertical	358	1.90	-	31.41	7.06	31.86			
AV	5.354G	51.38	54.00	-2.62	44.77	3	Vertical	358	1.90	-	31.41	7.06	31.86			

5.15-5.25GHz_QPSK15_15MHz_Nss1_2TX

5207MHz_TX

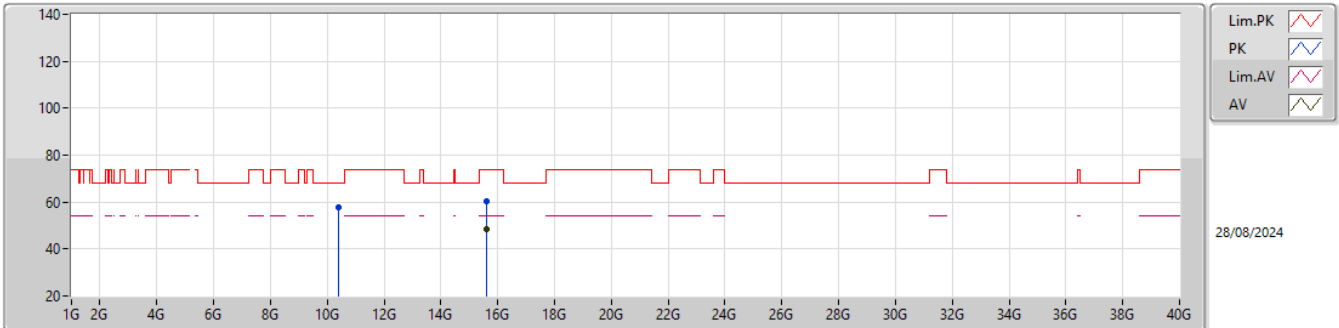


EUT_Y_2TX
Setting 18
06-P-E-5-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1416G	63.90	74.00	-10.10	56.93	3	Horizontal	358	1.87	-	31.97	6.91	31.91			
AV	5.1488G	52.84	54.00	-1.16	45.84	3	Horizontal	358	1.87	-	32.00	6.91	31.91			
PK	5.2112G	128.64	Inf	-Inf	121.95	3	Horizontal	358	1.87	-	31.63	6.95	31.89			
AV	5.213G	115.77	Inf	-Inf	109.09	3	Horizontal	358	1.87	-	31.62	6.95	31.89			
PK	5.357G	62.87	74.00	-11.13	56.26	3	Horizontal	358	1.87	-	31.41	7.06	31.86			
AV	5.3504G	52.14	54.00	-1.86	45.55	3	Horizontal	358	1.87	-	31.40	7.05	31.86			

5.15-5.25GHz_QPSK15_15MHz_Nss1_2TX

5207MHz_TX

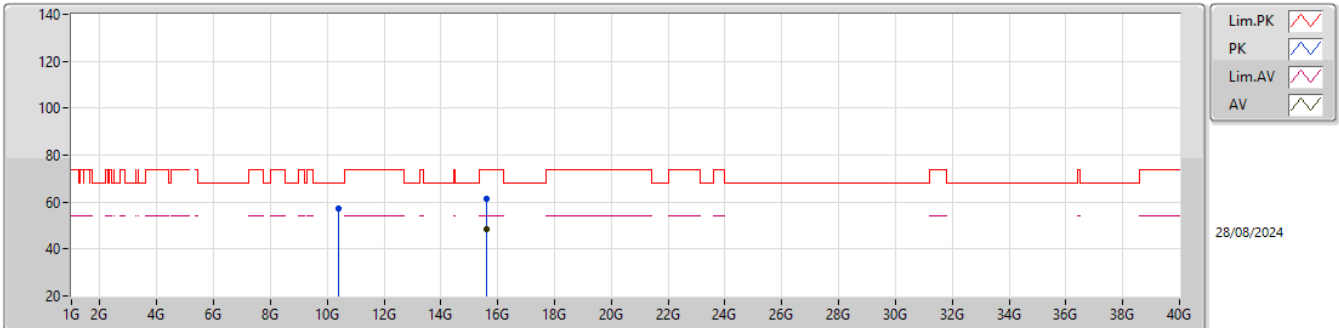


EUT_Y_2TX
Setting 18
06-P-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.41574G	57.56	68.20	-10.64	41.42	3	Vertical	110	1.33	-	39.63	10.06	33.55			
PK	15.61884G	60.52	74.00	-13.48	43.96	3	Vertical	335	1.45	-	37.81	12.49	33.74			
AV	15.61182G	48.58	54.00	-5.42	31.95	3	Vertical	335	1.45	-	37.88	12.49	33.74			

5.15-5.25GHz_QPSK15_15MHz_Nss1_2TX

5207MHz_TX

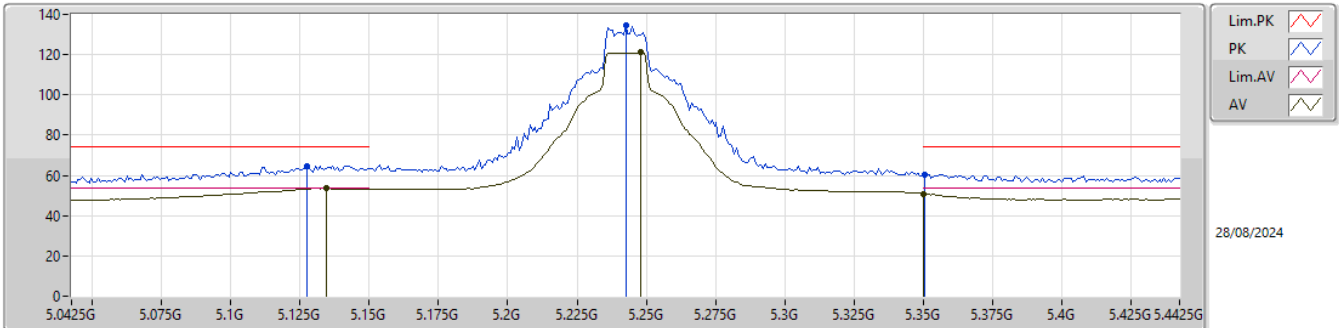


EUT_Y_2TX
Setting 18
06-P-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.40626G	57.06	68.20	-11.14	40.95	3	Horizontal	340	1.57	-	39.61	10.05	33.55			
PK	15.61764G	61.53	74.00	-12.47	44.96	3	Horizontal	5	1.31	-	37.82	12.49	33.74			
AV	15.6081G	48.59	54.00	-5.41	31.93	3	Horizontal	5	1.31	-	37.92	12.48	33.74			

5.15-5.25GHz_QPSK15_15MHz_Nss1_2TX

5242.5MHz_TX

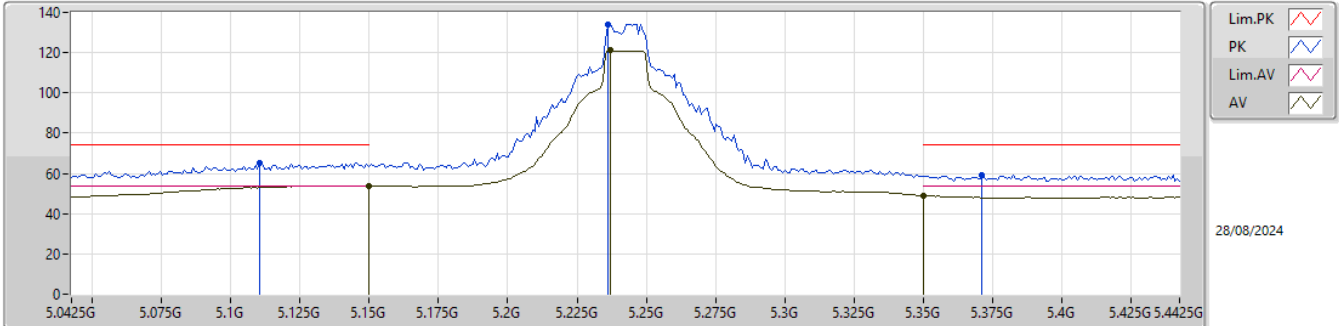


EUT_Y_2TX
Setting 24
06-P-G-2-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1273G	64.75	74.00	-9.25	59.97	3	Vertical	356	1.80	-	31.91	6.90	34.03			
AV	5.1345G	53.59	54.00	-0.41	48.77	3	Vertical	356	1.80	-	31.94	6.91	34.03			
PK	5.2425G	134.37	Inf	-Inf	130.02	3	Vertical	356	1.80	-	31.45	6.97	34.07			
AV	5.2481G	121.08	Inf	-Inf	116.76	3	Vertical	356	1.80	-	31.41	6.98	34.07			
PK	5.3505G	60.59	74.00	-13.41	56.24	3	Vertical	356	1.80	-	31.40	7.05	34.10			
AV	5.35G	50.90	54.00	-3.10	46.55	3	Vertical	356	1.80	-	31.40	7.05	34.10			

5.15-5.25GHz_QPSK15_15MHz_Nss1_2TX

5242.5MHz_TX

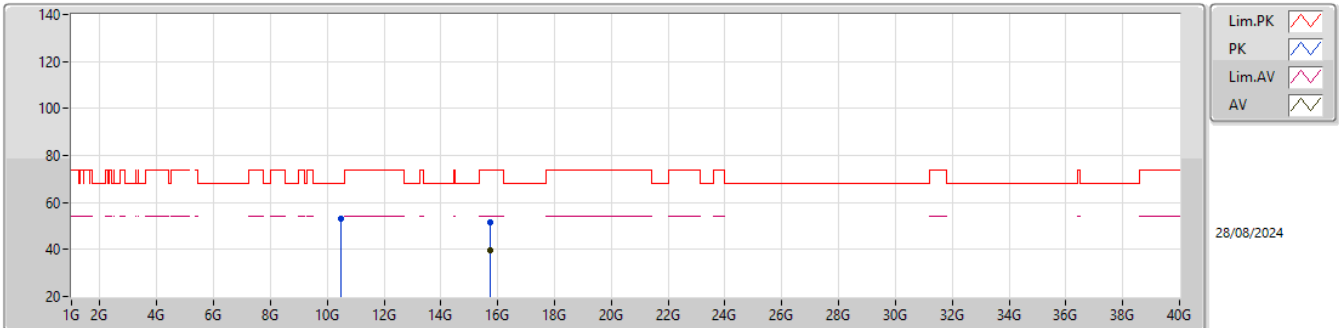


EUT_Y_2TX
Setting 24
06-P-G-2-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1105G	65.36	74.00	-8.64	60.65	3	Horizontal	358	1.80	-	31.84	6.90	34.03			
AV	5.1497G	53.80	54.00	-0.20	48.93	3	Horizontal	358	1.80	-	32.00	6.91	34.04			
PK	5.2361G	134.20	Inf	-Inf	129.82	3	Horizontal	358	1.80	-	31.48	6.97	34.07			
AV	5.2369G	121.11	Inf	-Inf	116.73	3	Horizontal	358	1.80	-	31.48	6.97	34.07			
PK	5.3713G	59.42	74.00	-14.58	55.02	3	Horizontal	358	1.80	-	31.44	7.07	34.11			
AV	5.35G	48.92	54.00	-5.08	44.57	3	Horizontal	358	1.80	-	31.40	7.05	34.10			

5.15-5.25GHz_QPSK15_15MHz_Nss1_2TX

5242.5MHz_TX

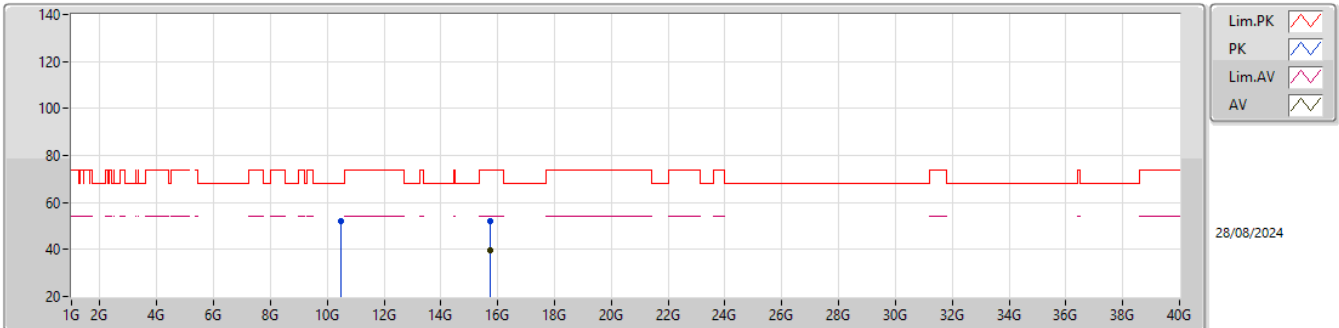


EUT_Y_2TX
Setting 24
06-P-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.48932G	53.28	68.20	-14.92	37.99	3	Vertical	319	1.44	-	39.70	10.09	34.50			
PK	15.72718G	51.80	74.00	-22.20	35.68	3	Vertical	314	2.52	-	37.75	12.54	34.17			
AV	15.7275G	39.84	54.00	-14.16	23.71	3	Vertical	314	2.52	-	37.76	12.54	34.17			

5.15-5.25GHz_QPSK15_15MHz_Nss1_2TX

5242.5MHz_TX

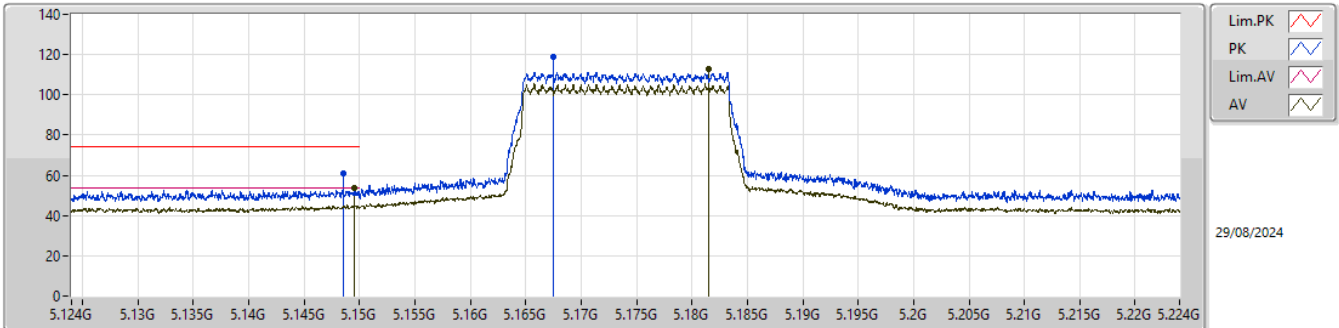


EUT_Y_2TX
Setting 24
06-P-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.48978G	51.95	68.20	-16.25	36.66	3	Horizontal	355.5	1.80	-	39.70	10.09	34.50			
PK	15.72745G	52.09	74.00	-21.91	35.97	3	Horizontal	254	1.14	-	37.75	12.54	34.17			
AV	15.72752G	39.84	54.00	-14.16	23.71	3	Horizontal	254	1.14	-	37.76	12.54	34.17			

5.15-5.25GHz_QPSK20_20MHz_Nss1_2TX

5174MHz_TX

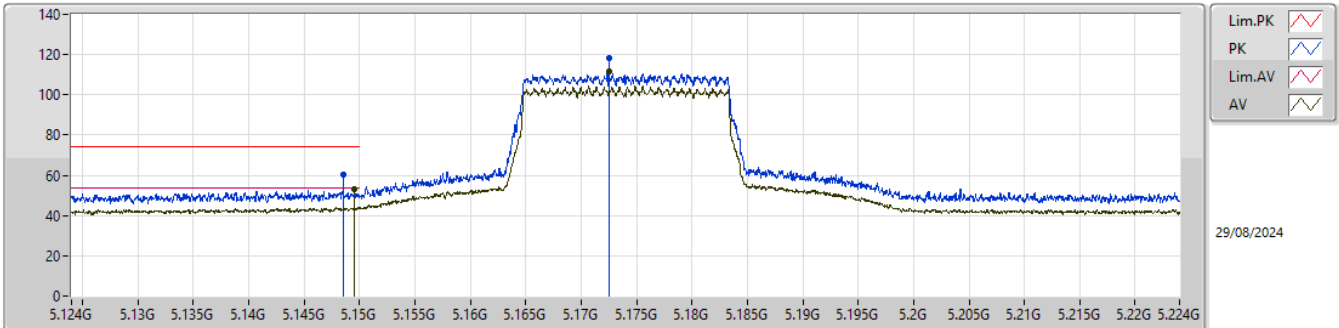


EUT_Y_2TX
Setting 16
06-P-E-5-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1485G	60.77	74.00	-13.23	53.78	3	Vertical	358	1.91	BP 1MHz	31.99	6.91	31.91			
AV	5.1495G	53.84	54.00	-0.16	46.84	3	Vertical	358	1.91	BP 1MHz	32.00	6.91	31.91			
PK	5.1675G	118.81	Inf	-Inf	111.89	3	Vertical	358	1.91	BP 1MHz	31.90	6.92	31.90			
AV	5.1815G	112.88	Inf	-Inf	106.04	3	Vertical	358	1.91	BP 1MHz	31.81	6.93	31.90			

5.15-5.25GHz_QPSK20_20MHz_Nss1_2TX

5174MHz_TX

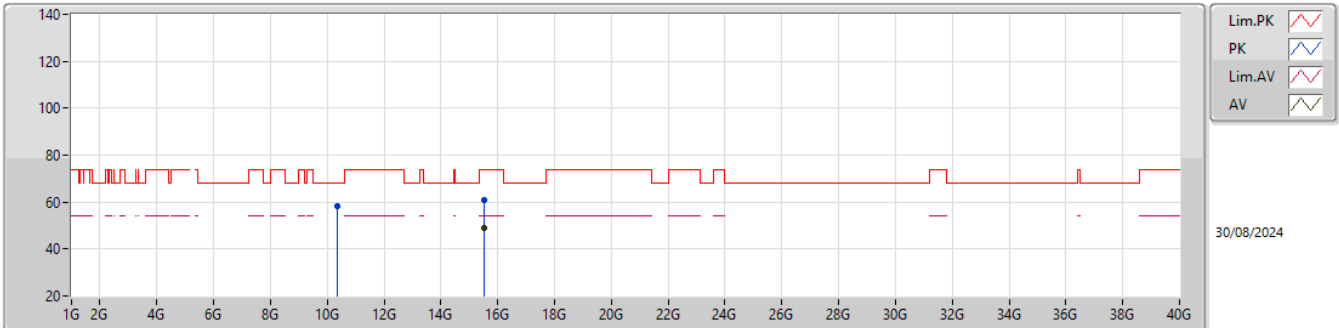


EUT_Y_2TX
Setting 16
06-P-E-5-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1485G	60.14	74.00	-13.86	53.15	3	Horizontal	358	1.87	BP 1MHz	31.99	6.91	31.91			
AV	5.1495G	53.10	54.00	-0.90	46.10	3	Horizontal	358	1.87	BP 1MHz	32.00	6.91	31.91			
PK	5.1725G	118.00	Inf	-Inf	111.10	3	Horizontal	358	1.87	BP 1MHz	31.87	6.93	31.90			
AV	5.1725G	111.66	Inf	-Inf	104.76	3	Horizontal	358	1.87	BP 1MHz	31.87	6.93	31.90			

5.15-5.25GHz_QPSK20_20MHz_Nss1_2TX

5174MHz_TX

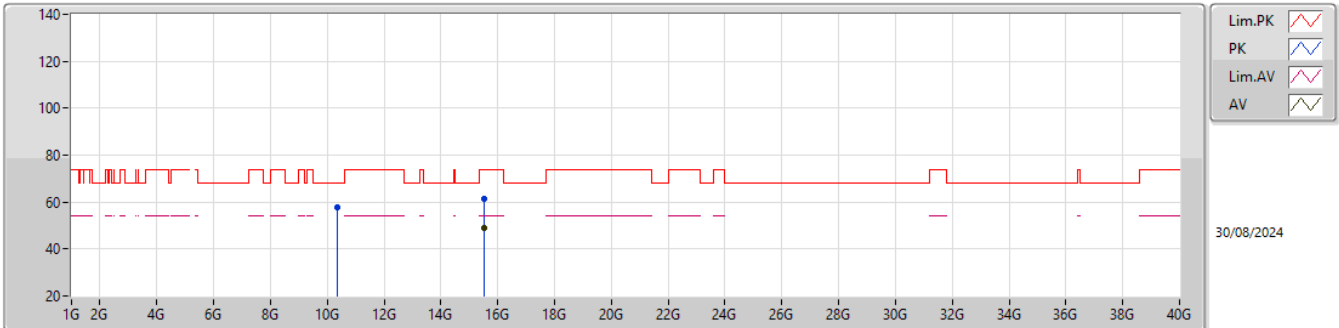


EUT_Y_2TX
Setting 16
06-P-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.357G	58.15	68.20	-10.05	42.08	3	Vertical	247	1.36	-	39.60	10.03	33.56			
PK	15.5441G	60.74	74.00	-13.26	43.81	3	Vertical	182	2.95	-	38.22	12.45	33.74			
AV	15.5245G	49.07	54.00	-4.93	32.07	3	Vertical	182	2.95	-	38.30	12.44	33.74			

5.15-5.25GHz_QPSK20_20MHz_Nss1_2TX

5174MHz_TX

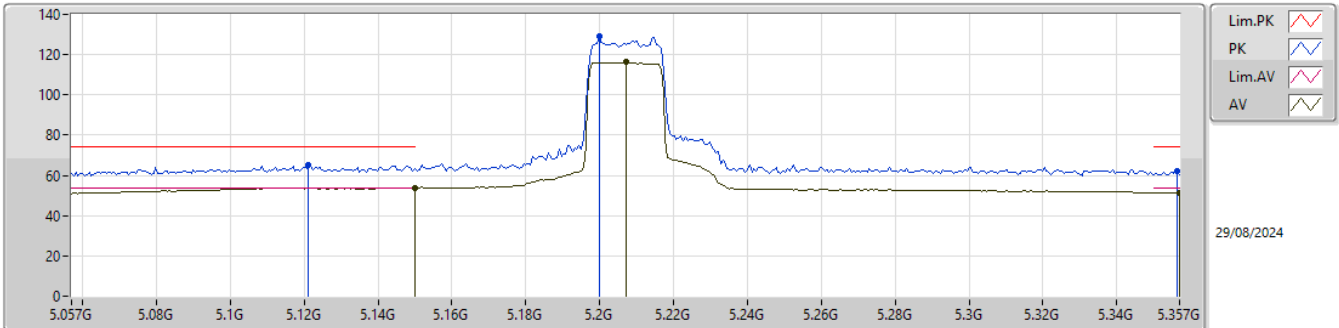


EUT_Y_2TX
Setting 16
06-P-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.3349G	57.61	68.20	-10.59	41.67	3	Horizontal	85	1.98	-	39.48	10.02	33.56			
PK	15.524G	61.42	74.00	-12.58	44.42	3	Horizontal	257	1.20	-	38.30	12.44	33.74			
AV	15.5079G	49.19	54.00	-4.81	32.12	3	Horizontal	257	1.20	-	38.37	12.44	33.74			

5.15-5.25GHz_QPSK20_20MHz_Nss1_2TX

5207MHz_TX

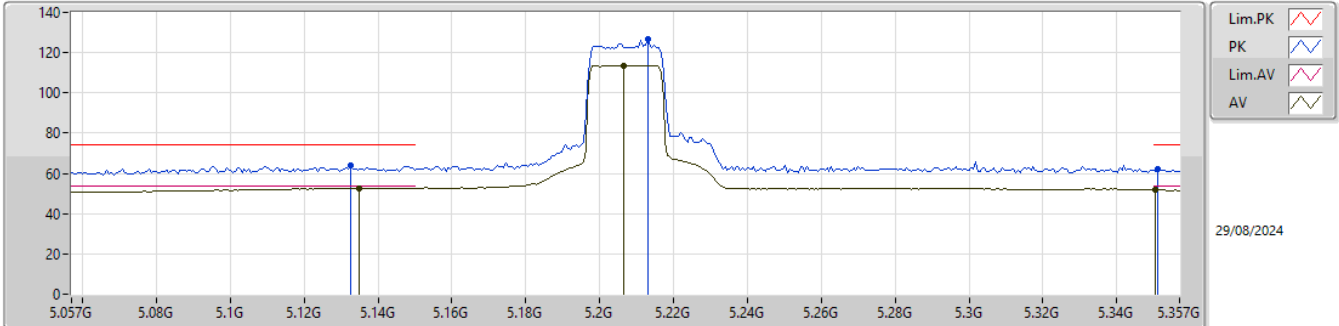


EUT_Y_2TX
Setting 18
06-P-E-5-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1212G	64.88	74.00	-9.12	58.01	3	Vertical	357	1.92	-	31.88	6.90	31.91			
AV	5.15G	53.88	54.00	-0.12	46.87	3	Vertical	357	1.92	-	32.00	6.92	31.91			
PK	5.1998G	129.29	Inf	-Inf	122.55	3	Vertical	357	1.92	-	31.70	6.94	31.90			
AV	5.207G	116.29	Inf	-Inf	109.57	3	Vertical	357	1.92	-	31.66	6.95	31.89			
PK	5.3564G	62.30	74.00	-11.70	55.69	3	Vertical	357	1.92	-	31.41	7.06	31.86			
AV	5.357G	51.40	54.00	-2.60	44.79	3	Vertical	357	1.92	-	31.41	7.06	31.86			

5.15-5.25GHz_QPSK20_20MHz_Nss1_2TX

5207MHz_TX

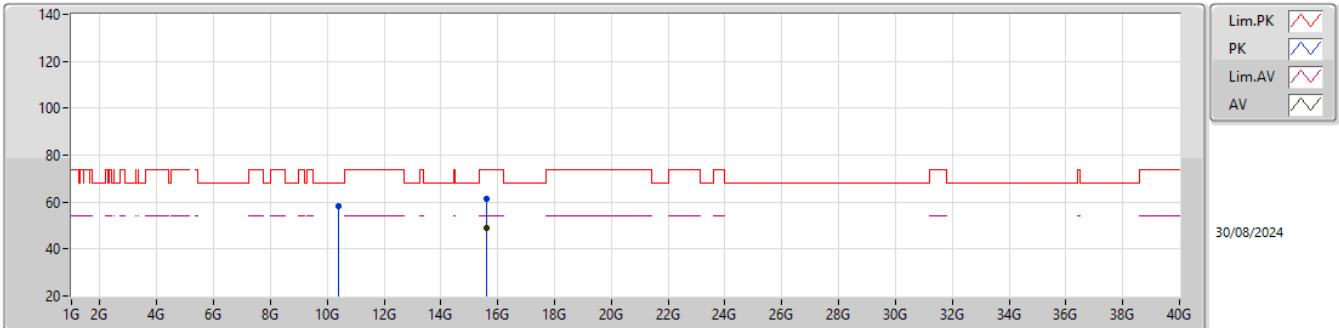


EUT_Y_2TX
Setting 18
06-P-E-5-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1326G	63.68	74.00	-10.32	56.75	3	Horizontal	358	1.80	-	31.93	6.91	31.91			
AV	5.135G	52.75	54.00	-1.25	45.81	3	Horizontal	358	1.80	-	31.94	6.91	31.91			
PK	5.213G	126.56	Inf	-Inf	119.88	3	Horizontal	358	1.80	-	31.62	6.95	31.89			
AV	5.2064G	113.37	Inf	-Inf	106.66	3	Horizontal	358	1.80	-	31.66	6.94	31.89			
PK	5.351G	62.14	74.00	-11.86	55.55	3	Horizontal	358	1.80	-	31.40	7.05	31.86			
AV	5.3504G	51.95	54.00	-2.05	45.36	3	Horizontal	358	1.80	-	31.40	7.05	31.86			

5.15-5.25GHz_QPSK20_20MHz_Nss1_2TX

5207MHz_TX

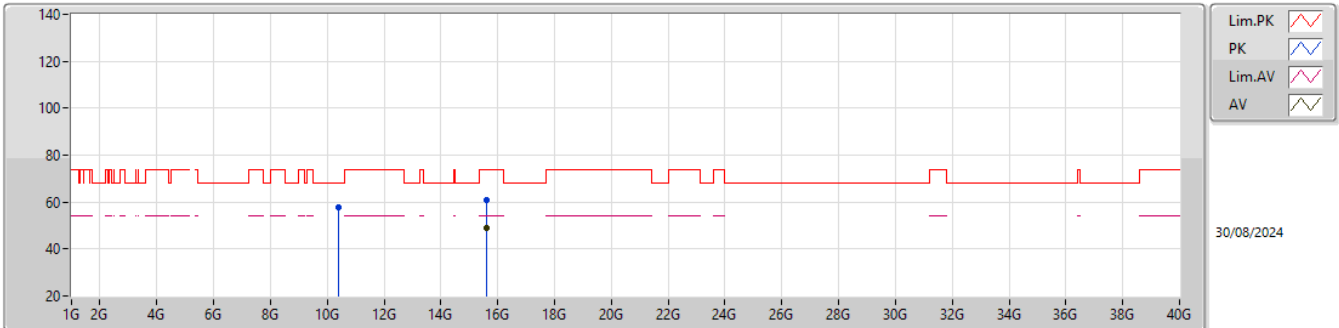


EUT_Y_2TX
Setting 18
06-P-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.4145G	58.29	68.20	-9.91	42.15	3	Vertical	216	2.90	-	39.63	10.06	33.55			
PK	15.6027G	61.18	74.00	-12.82	44.47	3	Vertical	193	2.54	-	37.97	12.48	33.74			
AV	15.599G	48.91	54.00	-5.09	32.17	3	Vertical	193	2.54	-	38.00	12.48	33.74			

5.15-5.25GHz_QPSK20_20MHz_Nss1_2TX

5207MHz_TX

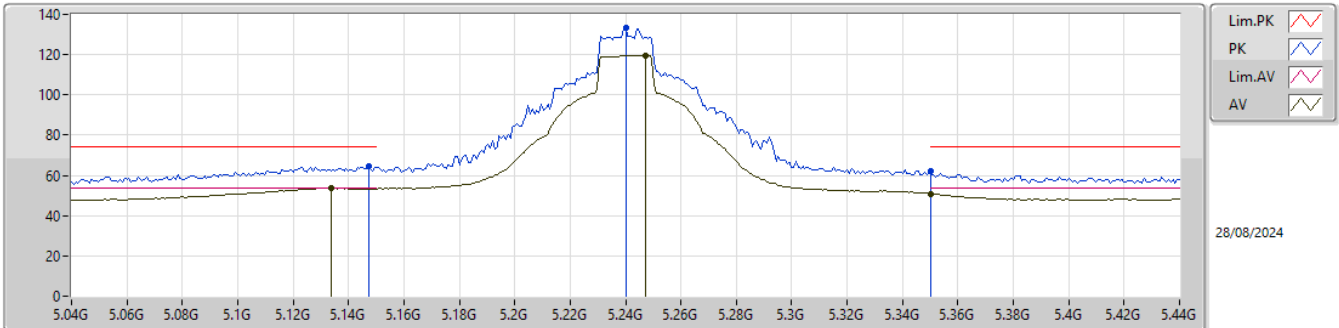


EUT_Y_2TX
Setting 18
06-P-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.411G	57.57	68.20	-10.63	41.44	3	Horizontal	31	1.36	-	39.62	10.06	33.55			
PK	15.6012G	60.86	74.00	-13.14	44.13	3	Horizontal	246	1.49	-	37.99	12.48	33.74			
AV	15.5991G	48.91	54.00	-5.09	32.17	3	Horizontal	246	1.49	-	38.00	12.48	33.74			

5.15-5.25GHz_QPSK20_20MHz_Nss1_2TX

5240MHz_TX

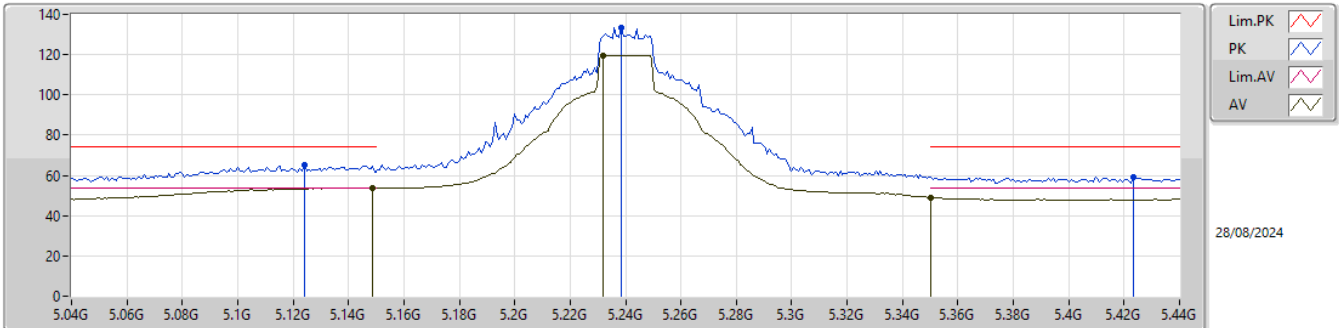


EUT_Y_2TX
Setting 24
06-P-G-2-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1472G	64.46	74.00	-9.54	59.60	3	Vertical	357	1.80	-	31.99	6.91	34.04			
AV	5.1336G	53.71	54.00	-0.29	48.90	3	Vertical	357	1.80	-	31.93	6.91	34.03			
PK	5.24G	133.62	Inf	-Inf	129.26	3	Vertical	357	1.80	-	31.46	6.97	34.07			
AV	5.2472G	119.61	Inf	-Inf	115.28	3	Vertical	357	1.80	-	31.42	6.98	34.07			
PK	5.35G	61.92	74.00	-12.08	57.57	3	Vertical	357	1.80	-	31.40	7.05	34.10			
AV	5.35G	50.90	54.00	-3.10	46.55	3	Vertical	357	1.80	-	31.40	7.05	34.10			

5.15-5.25GHz_QPSK20_20MHz_Nss1_2TX

5240MHz_TX

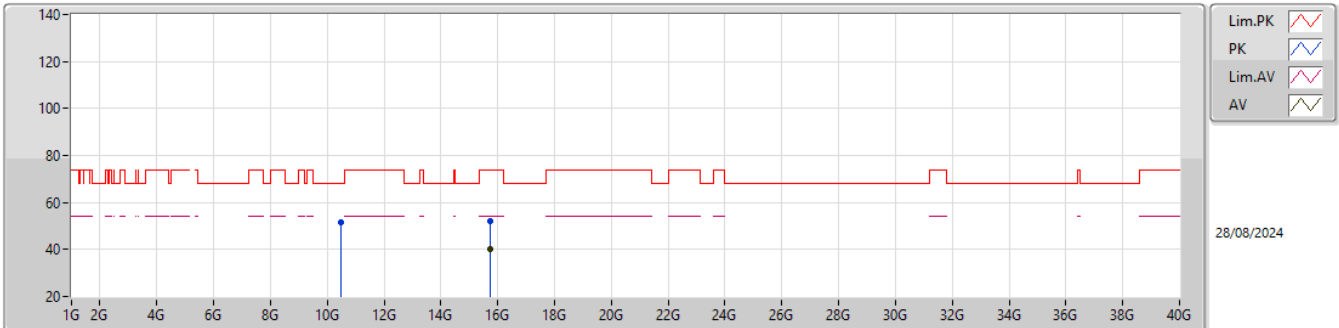


EUT_Y_2TX
Setting 24
06-P-G-2-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.124G	64.88	74.00	-9.12	60.11	3	Horizontal	357	1.72	-	31.90	6.90	34.03			
AV	5.1488G	53.67	54.00	-0.33	48.80	3	Horizontal	357	1.72	-	32.00	6.91	34.04			
PK	5.2384G	133.37	Inf	-Inf	129.00	3	Horizontal	357	1.72	-	31.47	6.97	34.07			
AV	5.232G	119.71	Inf	-Inf	115.30	3	Horizontal	357	1.72	-	31.51	6.96	34.06			
PK	5.4232G	59.18	74.00	-14.82	54.61	3	Horizontal	357	1.72	-	31.59	7.11	34.13			
AV	5.35G	49.14	54.00	-4.86	44.79	3	Horizontal	357	1.72	-	31.40	7.05	34.10			

5.15-5.25GHz_QPSK20_20MHz_Nss1_2TX

5240MHz_TX

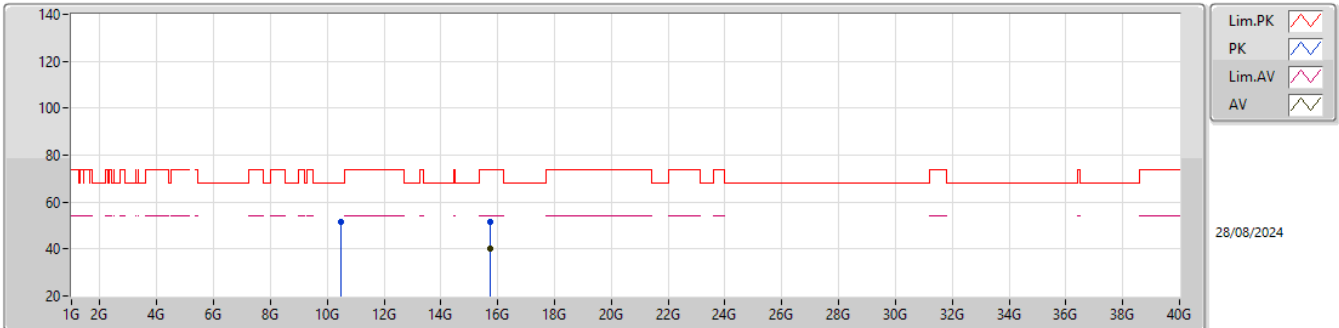


EUT_Y_2TX
Setting 24
06-P-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.48136G	51.45	68.20	-16.75	36.16	3	Vertical	316	1.56	-	39.70	10.09	34.50			
PK	15.7189G	51.91	74.00	-22.09	35.80	3	Vertical	61	1.33	-	37.74	12.54	34.17			
AV	15.72036G	40.06	54.00	-13.94	23.95	3	Vertical	61	1.33	-	37.74	12.54	34.17			

5.15-5.25GHz_QPSK20_20MHz_Nss1_2TX

5240MHz_TX

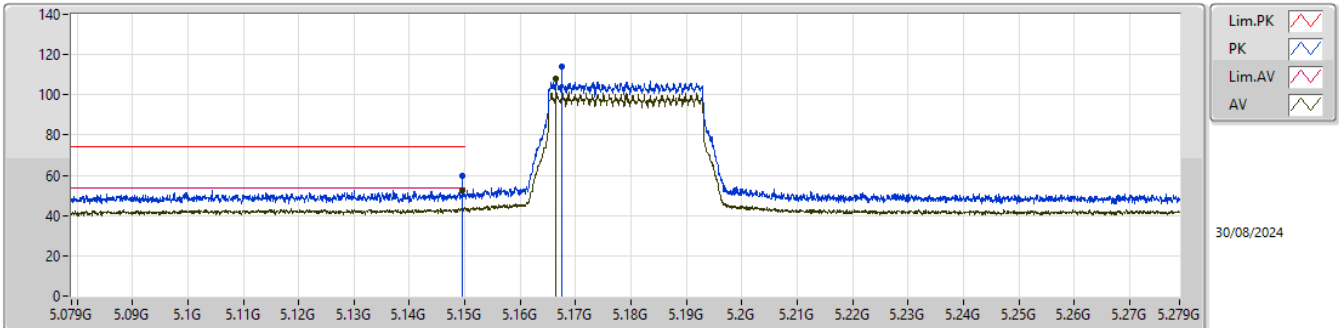


EUT Y_2TX
Setting 24
06-P-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.4825G	51.58	68.20	-16.62	36.29	3	Horizontal	355	1.80	-	39.70	10.09	34.50			
PK	15.72464G	51.63	74.00	-22.37	35.51	3	Horizontal	18	1.24	-	37.75	12.54	34.17			
AV	15.72192G	40.20	54.00	-13.80	24.09	3	Horizontal	18	1.24	-	37.74	12.54	34.17			

5.15-5.25GHz_QPSK30_30MHz_Nss1_2TX

5179MHz_TX

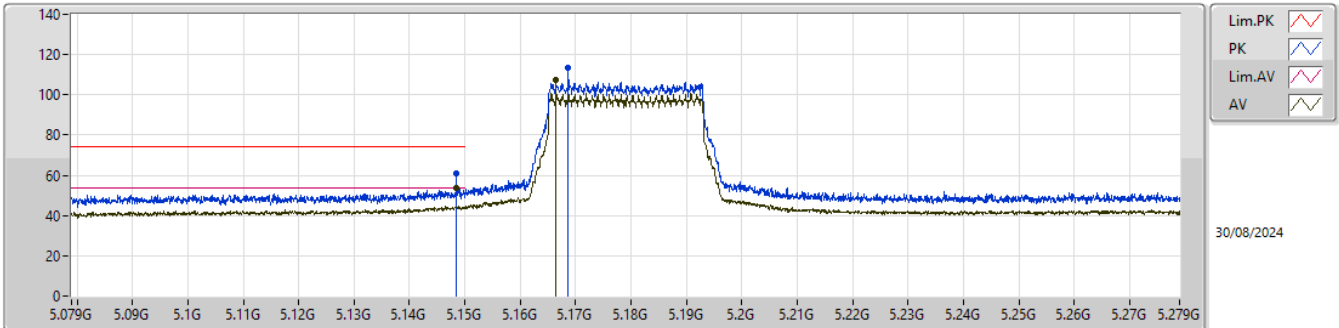


EUT_Y_2TX
Setting 13
06-P-E-5-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1495G	59.68	74.00	-14.32	52.68	3	Vertical	358	1.80	BP 1MHz	32.00	6.91	31.91			
AV	5.1495G	52.63	54.00	-1.37	45.63	3	Vertical	358	1.80	BP 1MHz	32.00	6.91	31.91			
PK	5.1675G	114.23	Inf	-Inf	107.31	3	Vertical	358	1.80	BP 1MHz	31.90	6.92	31.90			
AV	5.1665G	108.09	Inf	-Inf	101.17	3	Vertical	358	1.80	BP 1MHz	31.90	6.92	31.90			

5.15-5.25GHz_QPSK30_30MHz_Nss1_2TX

5179MHz_TX

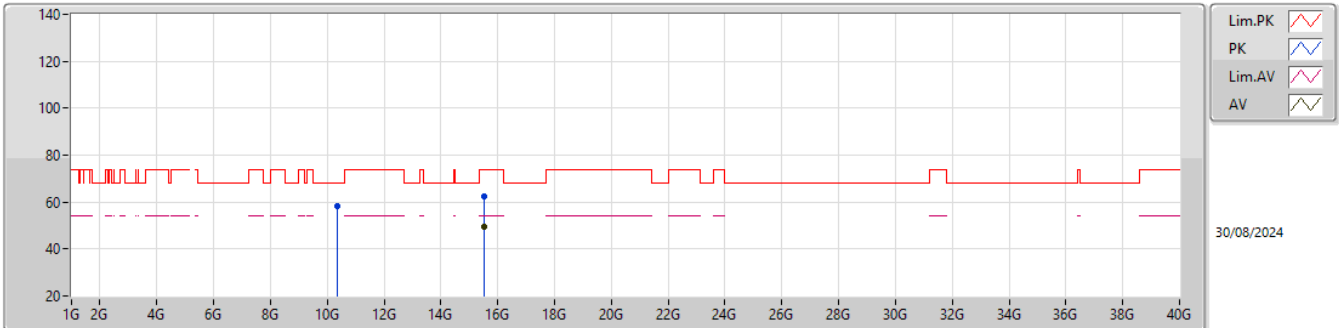


EUT_Y_2TX
Setting 13
06-P-E-5-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1485G	61.01	74.00	-12.99	54.02	3	Horizontal	355	1.80	BP 1MHz	31.99	6.91	31.91			
AV	5.1485G	53.66	54.00	-0.34	46.67	3	Horizontal	355	1.80	BP 1MHz	31.99	6.91	31.91			
PK	5.1685G	113.39	Inf	-Inf	106.48	3	Horizontal	355	1.80	BP 1MHz	31.89	6.92	31.90			
AV	5.1665G	107.32	Inf	-Inf	100.40	3	Horizontal	355	1.80	BP 1MHz	31.90	6.92	31.90			

5.15-5.25GHz_QPSK30_30MHz_Nss1_2TX

5179MHz_TX

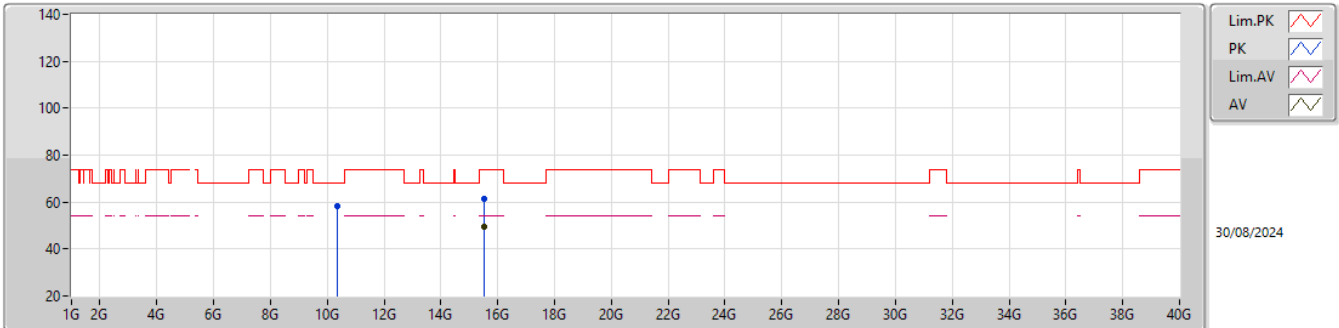


EUT_Y_2TX
Setting 13
06-P-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.3514G	58.24	68.20	-9.96	42.17	3	Vertical	53	2.38	-	39.60	10.03	33.56			
PK	15.5258G	62.41	74.00	-11.59	45.41	3	Vertical	108	1.97	-	38.30	12.44	33.74			
AV	15.5295G	49.44	54.00	-4.56	32.45	3	Vertical	108	1.97	-	38.28	12.45	33.74			

5.15-5.25GHz_QPSK30_30MHz_Nss1_2TX

5179MHz_TX

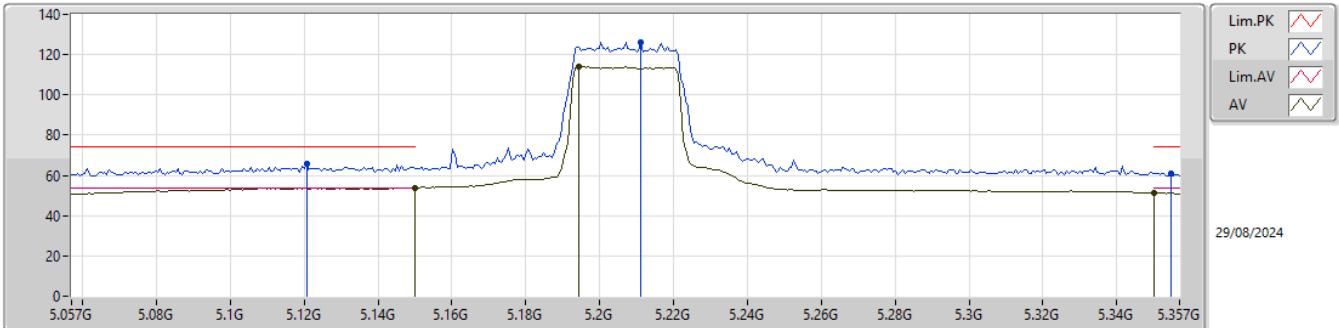


EUT_Y_2TX
Setting 13
06-P-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.3561G	58.46	68.20	-9.74	42.39	3	Horizontal	263	1.39	-	39.60	10.03	33.56			
PK	15.531G	61.34	74.00	-12.66	44.35	3	Horizontal	68	1.17	-	38.28	12.45	33.74			
AV	15.5186G	49.34	54.00	-4.66	32.31	3	Horizontal	68	1.17	-	38.33	12.44	33.74			

5.15-5.25GHz_QPSK30_30MHz_Nss1_2TX

5207MHz_TX

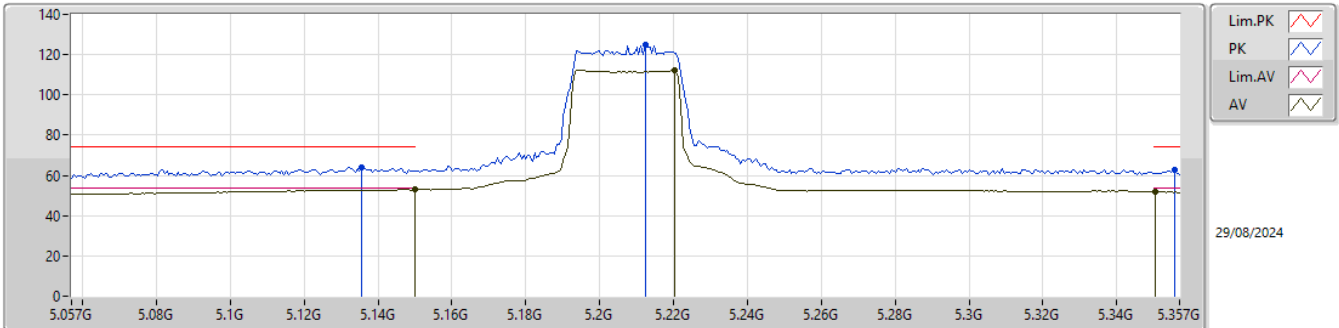


EUT Y_2TX
Setting 17
06-P-E-5-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1206G	65.48	74.00	-8.52	58.61	3	Vertical	357	1.88	-	31.88	6.90	31.91			
AV	5.15G	53.88	54.00	-0.12	46.87	3	Vertical	357	1.88	-	32.00	6.92	31.91			
PK	5.2112G	126.28	Inf	-Inf	119.59	3	Vertical	357	1.88	-	31.63	6.95	31.89			
AV	5.1944G	114.13	Inf	-Inf	107.36	3	Vertical	357	1.88	-	31.73	6.94	31.90			
PK	5.3546G	61.16	74.00	-12.84	54.55	3	Vertical	357	1.88	-	31.41	7.06	31.86			
AV	5.35G	51.35	54.00	-2.65	44.76	3	Vertical	357	1.88	-	31.40	7.05	31.86			

5.15-5.25GHz_QPSK30_30MHz_Nss1_2TX

5207MHz_TX

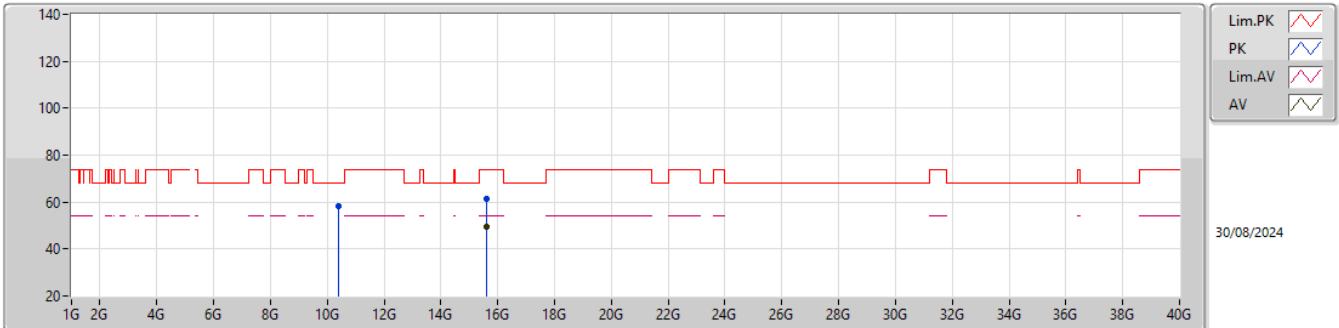


EUT_Y_2TX
Setting 17
06-P-E-5-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1356G	63.85	74.00	-10.15	56.91	3	Horizontal	357	1.80	-	31.94	6.91	31.91			
AV	5.15G	52.85	54.00	-1.15	45.84	3	Horizontal	357	1.80	-	32.00	6.92	31.91			
PK	5.2124G	124.82	Inf	-Inf	118.13	3	Horizontal	357	1.80	-	31.63	6.95	31.89			
AV	5.2202G	112.17	Inf	-Inf	105.52	3	Horizontal	357	1.80	-	31.58	6.96	31.89			
PK	5.3558G	62.53	74.00	-11.47	55.92	3	Horizontal	357	1.80	-	31.41	7.06	31.86			
AV	5.3504G	51.95	54.00	-2.05	45.36	3	Horizontal	357	1.80	-	31.40	7.05	31.86			

5.15-5.25GHz_QPSK30_30MHz_Nss1_2TX

5207MHz_TX

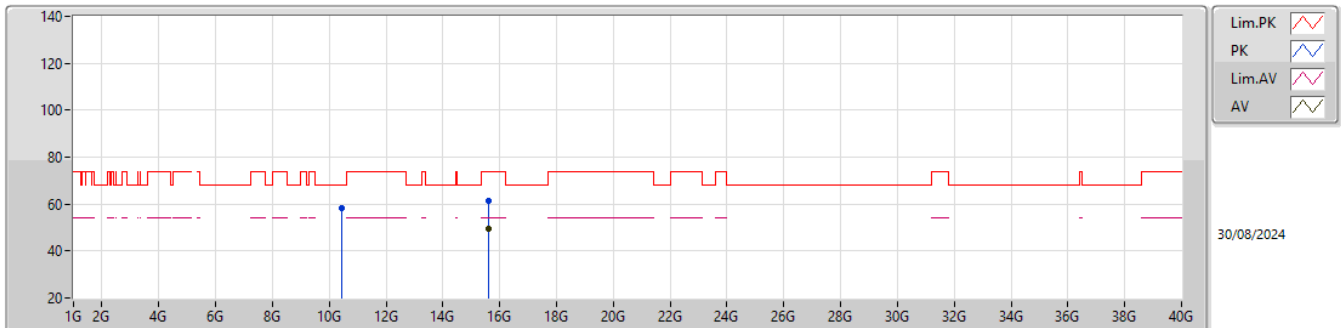


EUT_Y_2TX
Setting 17
06-P-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.4062G	58.49	68.20	-9.71	42.38	3	Vertical	126	2.65	-	39.61	10.05	33.55			
PK	15.604G	61.60	74.00	-12.40	44.90	3	Vertical	322	2.74	-	37.96	12.48	33.74			
AV	15.5985G	49.29	54.00	-4.71	32.54	3	Vertical	322	2.74	-	38.01	12.48	33.74			

5.15-5.25GHz_QPSK30_30MHz_Nss1_2TX

5207MHz_TX

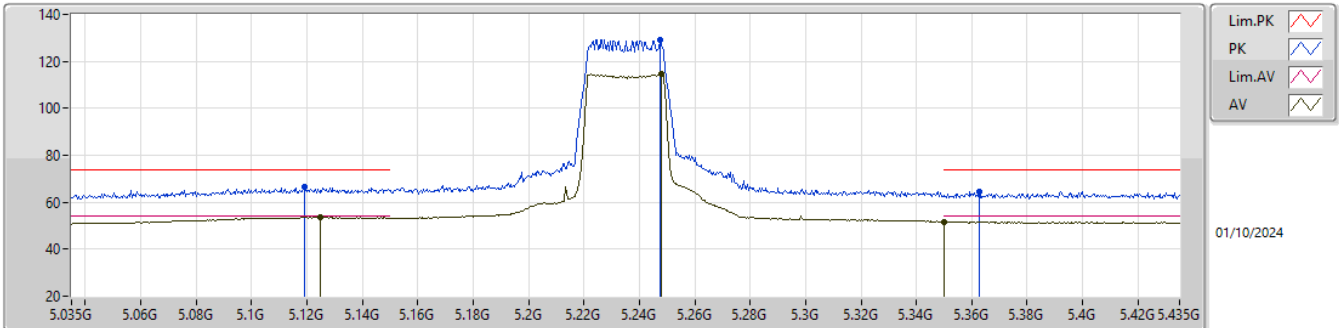


EUT Y_2TX
Setting 17
06-P-J-8

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	10.4206G	58.07	68.20	-10.13	41.92	3	Horizontal	344	2.49	-	39.64	10.06	33.55			
PK	15.6148G	61.16	74.00	-12.84	44.56	3	Horizontal	338	2.44	-	37.85	12.49	33.74			
AV	15.5983G	49.54	54.00	-4.46	32.79	3	Horizontal	338	2.44	-	38.01	12.48	33.74			

5.15-5.25GHz_QPSK30_30MHz_Nss1_2TX

5235MHz_TX

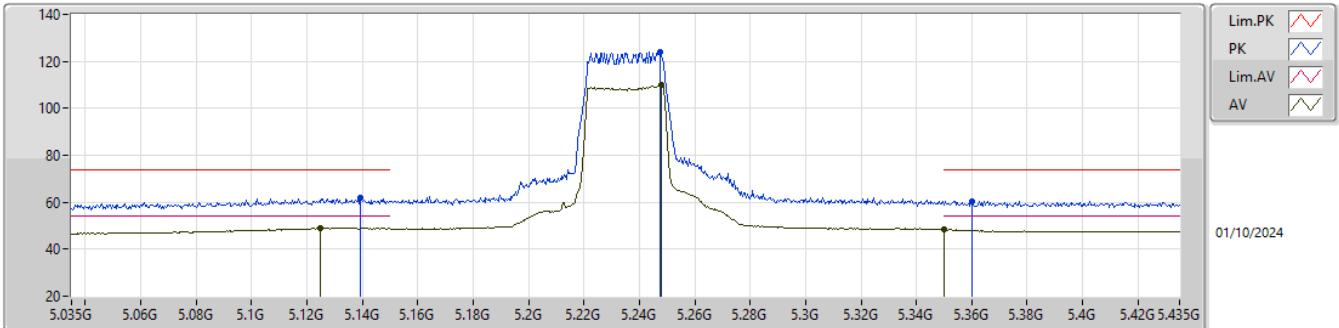


EUT_Y_2TX
Setting 16
02-D-J-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.119G	66.68	74.00	-7.32	57.06	3	Vertical	180	1.88	-	33.60	6.96	30.94			
AV	5.125G	53.71	54.00	-0.29	44.09	3	Vertical	180	1.88	-	33.60	6.96	30.94			
PK	5.2474G	129.37	Inf	-Inf	119.45	3	Vertical	180	1.88	-	33.79	7.00	30.87			
AV	5.2478G	114.53	Inf	-Inf	104.60	3	Vertical	180	1.88	-	33.80	7.00	30.87			
PK	5.3626G	64.46	74.00	-9.54	54.37	3	Vertical	180	1.88	-	33.93	6.97	30.81			
AV	5.35G	51.68	54.00	-2.32	41.62	3	Vertical	180	1.88	-	33.90	6.97	30.81			

5.15-5.25GHz_QPSK30_30MHz_Nss1_2TX

5235MHz_TX

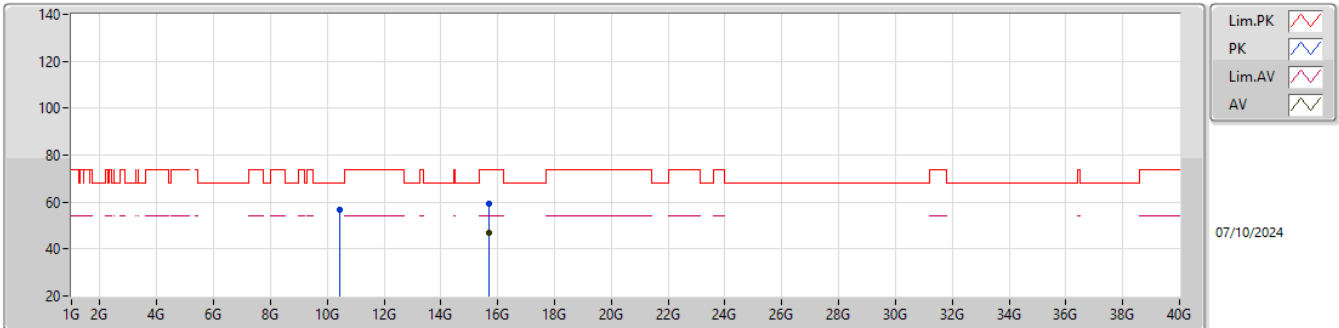


EUT_Y_2TX
Setting 16
02-D-J-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1394G	61.86	74.00	-12.14	52.22	3	Horizontal	182	1.86	-	33.60	6.97	30.93			
AV	5.1246G	49.05	54.00	-4.95	39.43	3	Horizontal	182	1.86	-	33.60	6.96	30.94			
PK	5.2474G	124.16	Inf	-Inf	114.24	3	Horizontal	182	1.86	-	33.79	7.00	30.87			
AV	5.2478G	109.84	Inf	-Inf	99.91	3	Horizontal	182	1.86	-	33.80	7.00	30.87			
PK	5.3602G	60.47	74.00	-13.53	50.39	3	Horizontal	182	1.86	-	33.92	6.97	30.81			
AV	5.35G	48.42	54.00	-5.58	38.36	3	Horizontal	182	1.86	-	33.90	6.97	30.81			

5.15-5.25GHz_QPSK30_30MHz_Nss1_2TX

5235MHz_TX

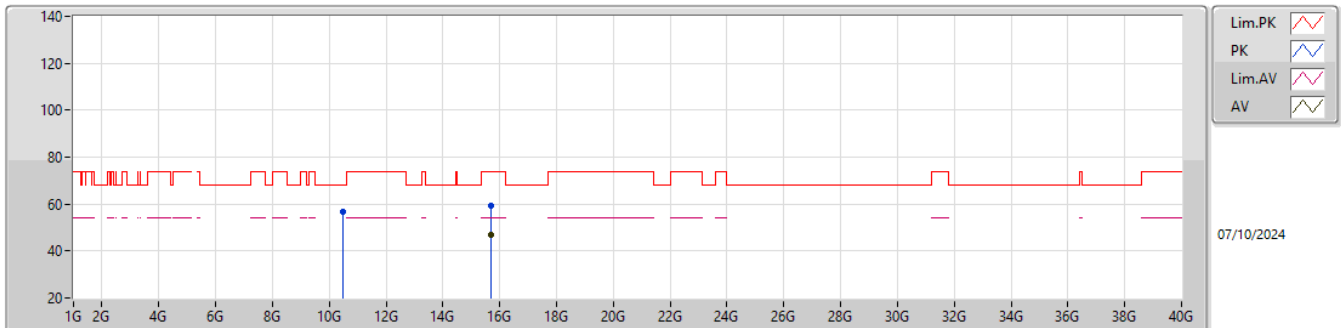


EUT_Y_2TX
Setting 16
05-V-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.46126G	56.51	68.20	-11.69	40.10	3	Vertical	353	1.80	-	38.88	11.31	33.78			
PK	15.6965G	59.43	74.00	-14.57	40.39	3	Vertical	57	1.07	-	38.09	14.24	33.29			
AV	15.69504G	46.67	54.00	-7.33	27.64	3	Vertical	57	1.07	-	38.08	14.24	33.29			

5.15-5.25GHz_QPSK30_30MHz_Nss1_2TX

5235MHz_TX

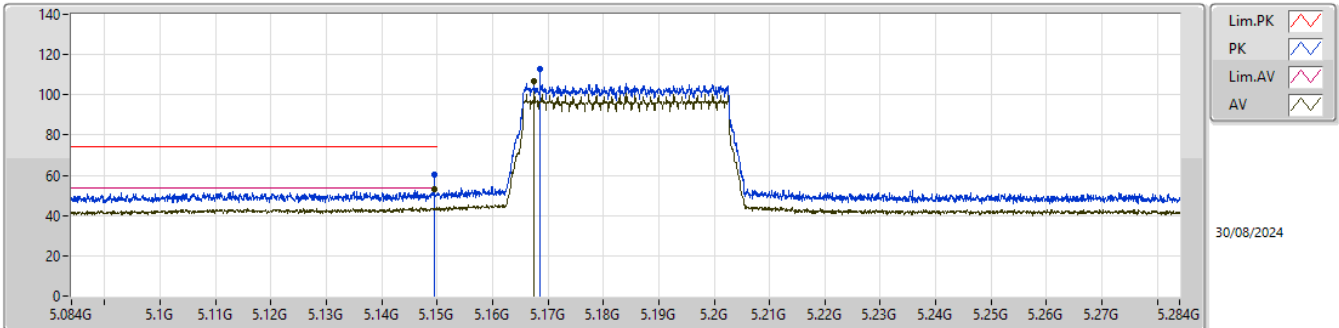


EUT Y_2TX
Setting 16
05-V-G-5

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	10.4775G	56.93	68.20	-11.27	40.58	3	Horizontal	21	1.80	-	38.84	11.32	33.81			
PK	15.71224G	59.20	74.00	-14.80	40.11	3	Horizontal	75	1.12	-	38.12	14.24	33.27			
AV	15.69754G	46.73	54.00	-7.27	27.69	3	Horizontal	75	1.12	-	38.09	14.24	33.29			

5.15-5.25GHz_QPSK40_40MHz_Nss1_2TX

5184MHz_TX

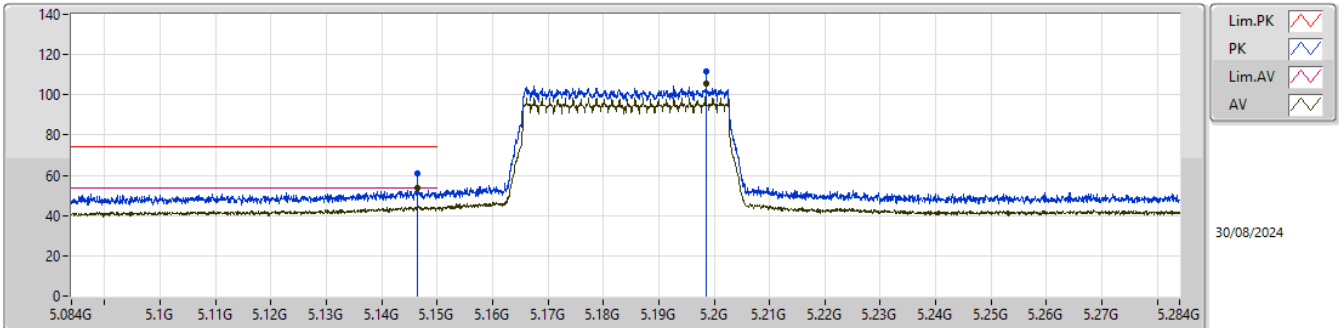


EUT_Y_2TX
Setting 12
06-P-E-5-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1495G	60.16	74.00	-13.84	53.16	3	Vertical	358	1.88	BP 1MHz	32.00	6.91	31.91			
AV	5.1495G	53.13	54.00	-0.87	46.13	3	Vertical	358	1.88	BP 1MHz	32.00	6.91	31.91			
PK	5.1685G	112.57	Inf	-Inf	105.66	3	Vertical	358	1.88	BP 1MHz	31.89	6.92	31.90			
AV	5.1675G	106.89	Inf	-Inf	99.97	3	Vertical	358	1.88	BP 1MHz	31.90	6.92	31.90			

5.15-5.25GHz_QPSK40_40MHz_Nss1_2TX

5184MHz_TX

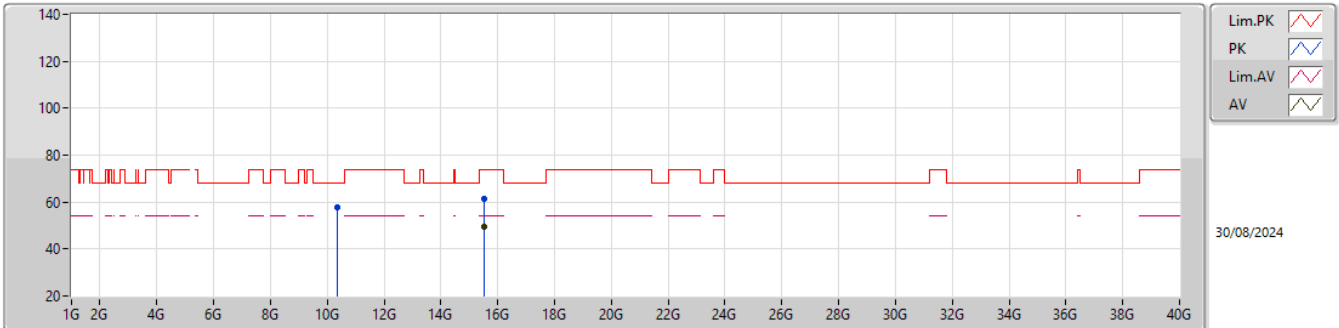


EUT_Y_2TX
Setting 12
06-P-E-5-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1465G	60.99	74.00	-13.01	54.00	3	Horizontal	356	1.80	BP 1MHz	31.99	6.91	31.91			
AV	5.1465G	53.43	54.00	-0.57	46.44	3	Horizontal	356	1.80	BP 1MHz	31.99	6.91	31.91			
PK	5.1985G	111.63	Inf	-Inf	104.88	3	Horizontal	356	1.80	BP 1MHz	31.71	6.94	31.90			
AV	5.1985G	105.40	Inf	-Inf	98.65	3	Horizontal	356	1.80	BP 1MHz	31.71	6.94	31.90			

5.15-5.25GHz_QPSK40_40MHz_Nss1_2TX

5184MHz_TX

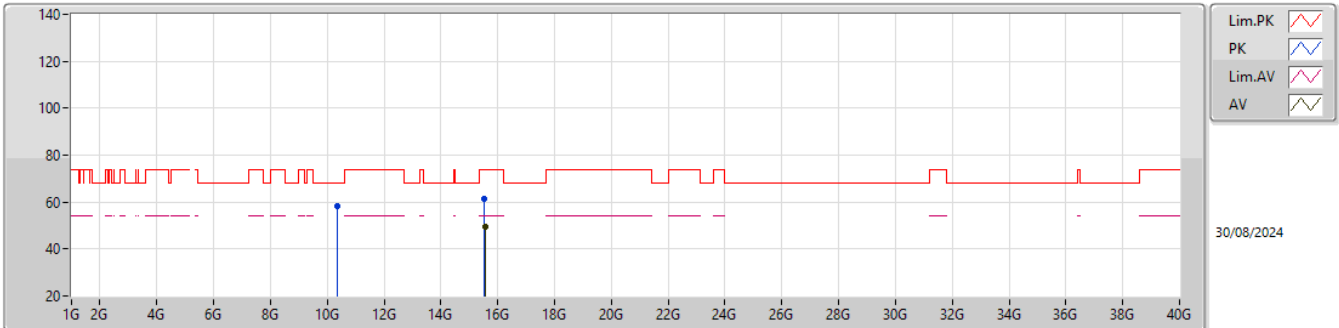


EUT_Y_2TX
Setting 12
06-P-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	10.3432G	57.88	68.20	-10.32	41.87	3	Vertical	261	1.35	-	39.55	10.02	33.56				
PK	15.5338G	61.51	74.00	-12.49	44.54	3	Vertical	322	2.96	-	38.26	12.45	33.74				
AV	15.5311G	49.32	54.00	-4.68	32.33	3	Vertical	322	2.96	-	38.28	12.45	33.74				

5.15-5.25GHz_QPSK40_40MHz_Nss1_2TX

5184MHz_TX

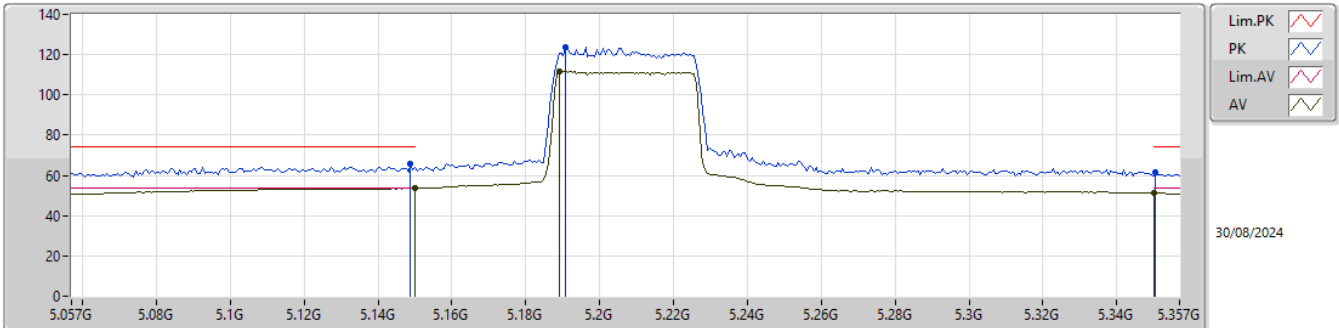


EUT_Y_2TX
Setting 12
06-P-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.3461G	58.15	68.20	-10.05	42.12	3	Horizontal	251	1.47	-	39.57	10.02	33.56			
PK	15.5331G	61.16	74.00	-12.84	44.18	3	Horizontal	232	2.57	-	38.27	12.45	33.74			
AV	15.5749G	49.23	54.00	-4.77	32.40	3	Horizontal	232	2.57	-	38.10	12.47	33.74			

5.15-5.25GHz_QPSK40_40MHz_Nss1_2TX

5207MHz_TX

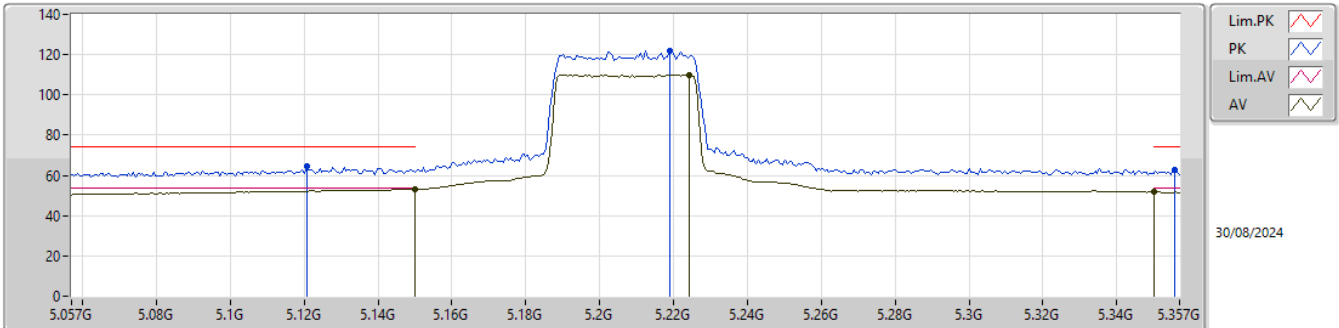


EUT_Y_2TX
Setting 16
06-P-E-5-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1488G	65.71	74.00	-8.29	58.71	3	Vertical	358	1.88	-	32.00	6.91	31.91			
AV	5.15G	53.71	54.00	-0.29	46.70	3	Vertical	358	1.88	-	32.00	6.92	31.91			
PK	5.1908G	123.49	Inf	-Inf	116.69	3	Vertical	358	1.88	-	31.76	6.94	31.90			
AV	5.189G	111.73	Inf	-Inf	104.93	3	Vertical	358	1.88	-	31.77	6.93	31.90			
PK	5.3504G	61.45	74.00	-12.55	54.86	3	Vertical	358	1.88	-	31.40	7.05	31.86			
AV	5.35G	51.35	54.00	-2.65	44.76	3	Vertical	358	1.88	-	31.40	7.05	31.86			

5.15-5.25GHz_QPSK40_40MHz_Nss1_2TX

5207MHz_TX

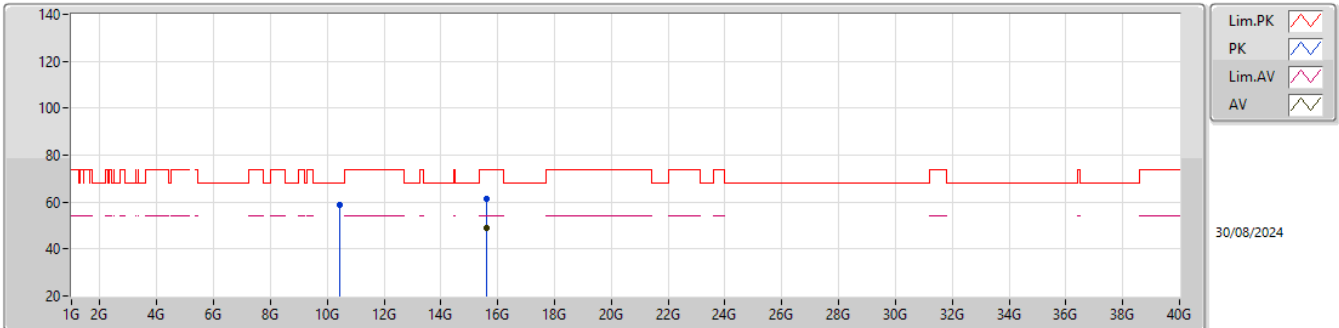


EUT_Y_2TX
Setting 16
06-P-E-5-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1206G	64.47	74.00	-9.53	57.60	3	Horizontal	357	1.80	-	31.88	6.90	31.91			
AV	5.15G	53.03	54.00	-0.97	46.02	3	Horizontal	357	1.80	-	32.00	6.92	31.91			
PK	5.219G	121.71	Inf	-Inf	115.06	3	Horizontal	357	1.80	-	31.59	6.95	31.89			
AV	5.2244G	110.00	Inf	-Inf	103.38	3	Horizontal	357	1.80	-	31.55	6.96	31.89			
PK	5.3558G	62.81	74.00	-11.19	56.20	3	Horizontal	357	1.80	-	31.41	7.06	31.86			
AV	5.35G	51.95	54.00	-2.05	45.36	3	Horizontal	357	1.80	-	31.40	7.05	31.86			

5.15-5.25GHz_QPSK40_40MHz_Nss1_2TX

5207MHz_TX

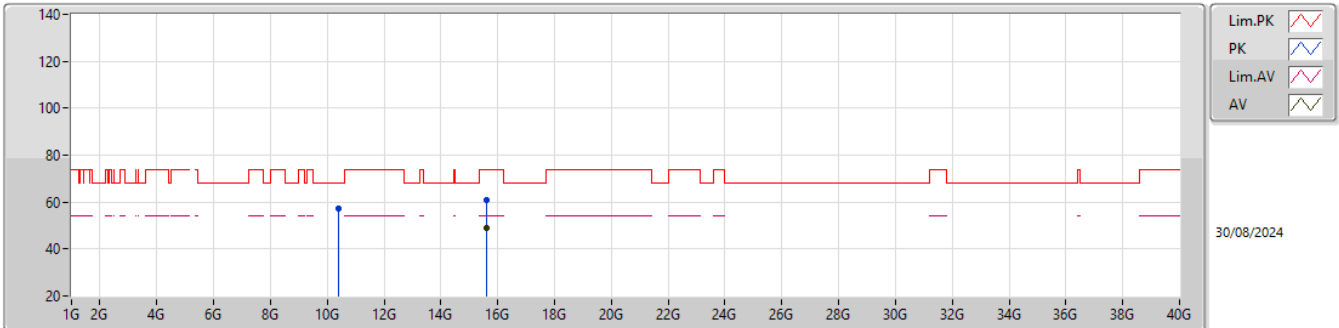


EUT_Y_2TX
Setting 16
06-P-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.4356G	58.65	68.20	-9.55	42.46	3	Vertical	291	1.22	-	39.67	10.07	33.55			
PK	15.6068G	61.55	74.00	-12.45	44.88	3	Vertical	130	2.90	-	37.93	12.48	33.74			
AV	15.5999G	49.18	54.00	-4.82	32.44	3	Vertical	130	2.90	-	38.00	12.48	33.74			

5.15-5.25GHz_QPSK40_40MHz_Nss1_2TX

5207MHz_TX

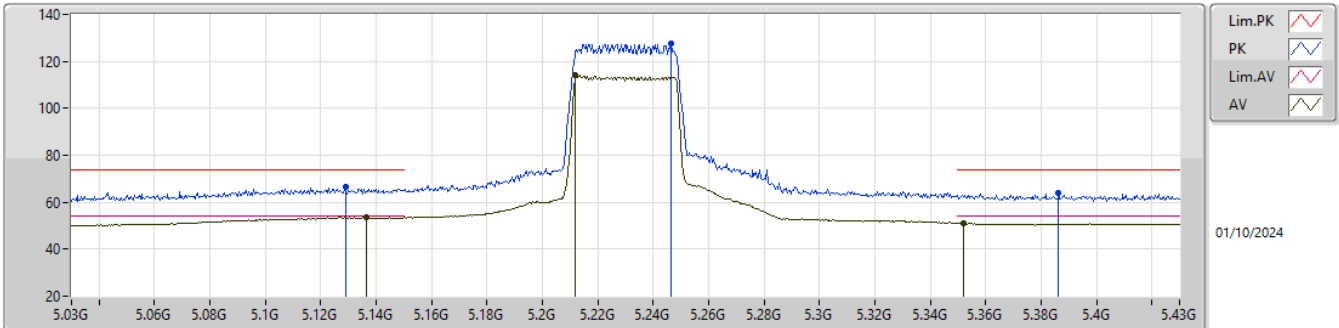


EUT_Y_2TX
Setting 16
06-P-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.4189G	57.39	68.20	-10.81	41.24	3	Horizontal	198	2.78	-	39.64	10.06	33.55			
PK	15.6105G	60.95	74.00	-13.05	44.31	3	Horizontal	16	1.53	-	37.90	12.48	33.74			
AV	15.5966G	49.11	54.00	-4.89	32.36	3	Horizontal	16	1.53	-	38.01	12.48	33.74			

5.15-5.25GHz_QPSK40_40MHz_Nss1_2TX

5230MHz_TX

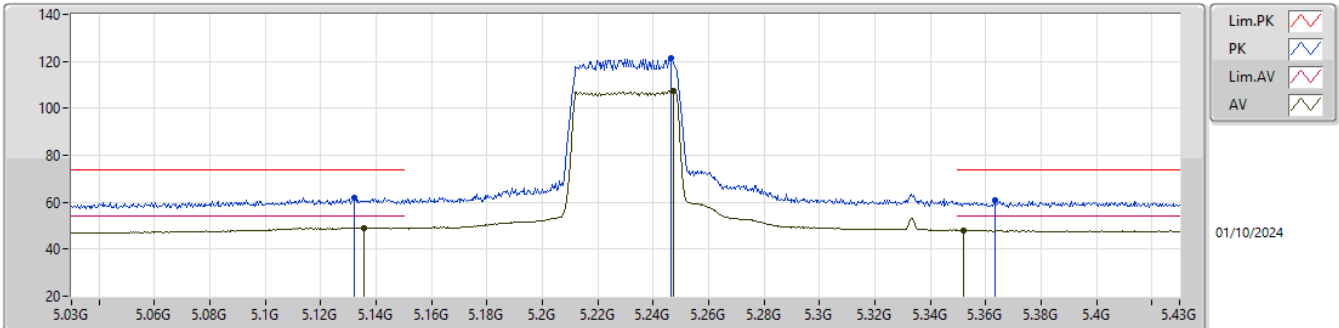


EUT_Y_2TX
Setting 17
02-D-J-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1288G	66.38	74.00	-7.62	56.76	3	Vertical	180	1.88	-	33.60	6.96	30.94			
AV	5.1364G	53.48	54.00	-0.52	43.84	3	Vertical	180	1.88	-	33.60	6.97	30.93			
PK	5.2464G	127.39	Inf	-Inf	117.47	3	Vertical	180	1.88	-	33.79	7.00	30.87			
AV	5.212G	114.05	Inf	-Inf	104.21	3	Vertical	180	1.88	-	33.72	7.01	30.89			
PK	5.3864G	63.89	74.00	-10.11	53.75	3	Vertical	180	1.88	-	33.97	6.96	30.79			
AV	5.352G	51.01	54.00	-2.99	40.95	3	Vertical	180	1.88	-	33.90	6.97	30.81			

5.15-5.25GHz_QPSK40_40MHz_Nss1_2TX

5230MHz_TX

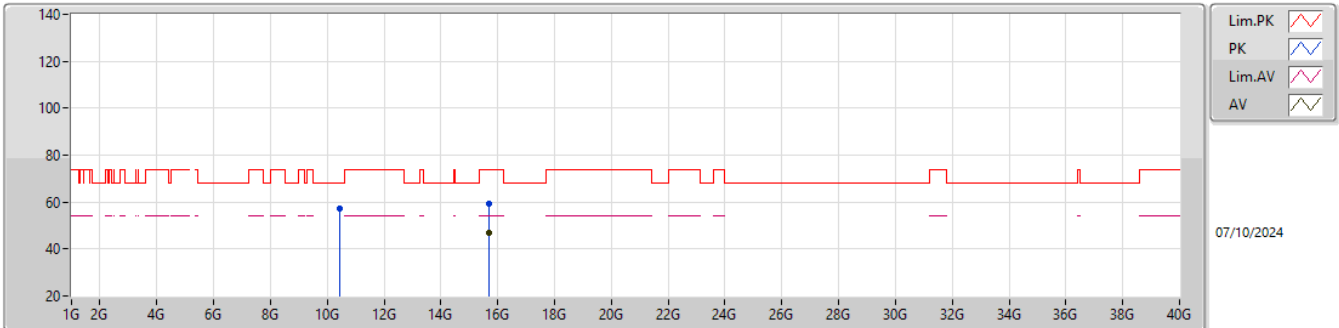


EUT_Y_2TX
Setting 17
02-D-J-8-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.132G	62.05	74.00	-11.95	52.42	3	Horizontal	181	1.99	-	33.60	6.97	30.94			
AV	5.1356G	49.14	54.00	-4.86	39.50	3	Horizontal	181	1.99	-	33.60	6.97	30.93			
PK	5.2464G	121.45	Inf	-Inf	111.53	3	Horizontal	181	1.99	-	33.79	7.00	30.87			
AV	5.2472G	107.49	Inf	-Inf	97.57	3	Horizontal	181	1.99	-	33.79	7.00	30.87			
PK	5.3632G	60.77	74.00	-13.23	50.68	3	Horizontal	181	1.99	-	33.93	6.97	30.81			
AV	5.352G	48.09	54.00	-5.91	38.03	3	Horizontal	181	1.99	-	33.90	6.97	30.81			

5.15-5.25GHz_QPSK40_40MHz_Nss1_2TX

5230MHz_TX

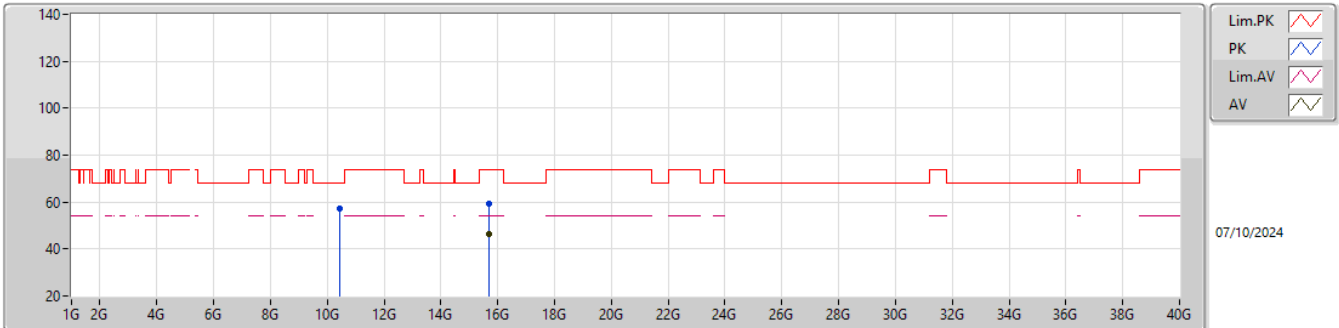


EUT_Y_2TX
Setting 17
05-V-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.46003G	57.50	68.20	-10.70	41.09	3	Vertical	0	1.80	-	38.88	11.31	33.78			
PK	15.68858G	59.33	74.00	-14.67	40.34	3	Vertical	159	2.22	-	38.05	14.24	33.30			
AV	15.68256G	46.90	54.00	-7.10	27.94	3	Vertical	159	2.22	-	38.03	14.24	33.31			

5.15-5.25GHz_QPSK40_40MHz_Nss1_2TX

5230MHz_TX


EUT_Y_2TX
Setting 17
05-V-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.45555G	57.12	68.20	-11.08	40.69	3	Horizontal	62	1.80	-	38.89	11.31	33.77			
PK	15.68252G	59.19	74.00	-14.81	40.23	3	Horizontal	232	1.80	-	38.03	14.24	33.31			
AV	15.68288G	46.62	54.00	-7.38	27.66	3	Horizontal	232	1.80	-	38.03	14.24	33.31			

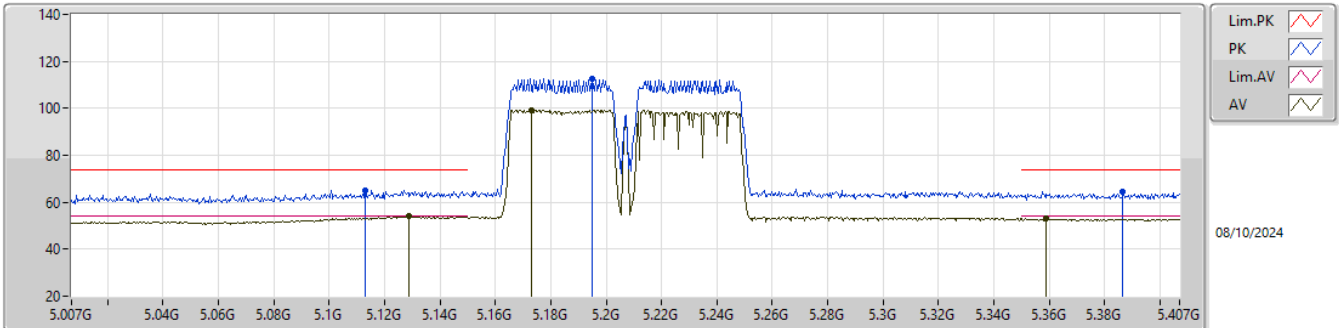


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
QPSK40+40_80MHz_Nss1_2TX	Pass	AV	5.129G	53.97	54.00	-0.03	3	Vertical	360	1.80	-

5.15-5.25GHz_QPSK40+40_80MHz_Nss1_2TX

#5184MHz,#5230MHz_TX

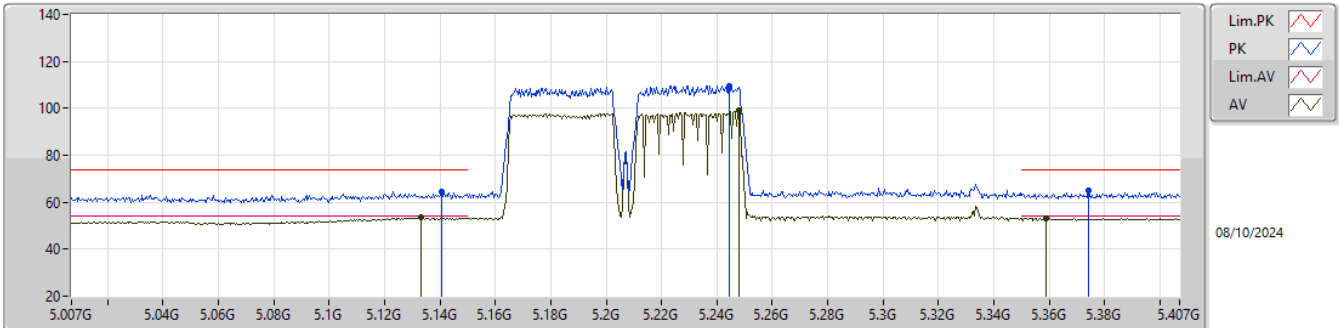


EUT_Y_2TX
Setting 16
02-備-G-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.113G	65.11	74.00	-8.89	55.51	3	Vertical	360	1.80	-	33.60	6.95	30.95			
AV	5.129G	53.97	54.00	-0.03	44.35	3	Vertical	360	1.80	-	33.60	6.96	30.94			
PK	5.195G	112.48	Inf	-Inf	102.68	3	Vertical	360	1.80	-	33.69	7.01	30.90			
AV	5.173G	99.35	Inf	-Inf	89.62	3	Vertical	360	1.80	-	33.65	6.99	30.91			
PK	5.3866G	64.48	74.00	-9.52	54.34	3	Vertical	360	1.80	-	33.97	6.96	30.79			
AV	5.3586G	53.02	54.00	-0.98	42.94	3	Vertical	360	1.80	-	33.92	6.97	30.81			

5.15-5.25GHz_QPSK40+40_80MHz_Nss1_2TX

#5184MHz,#5230MHz_TX

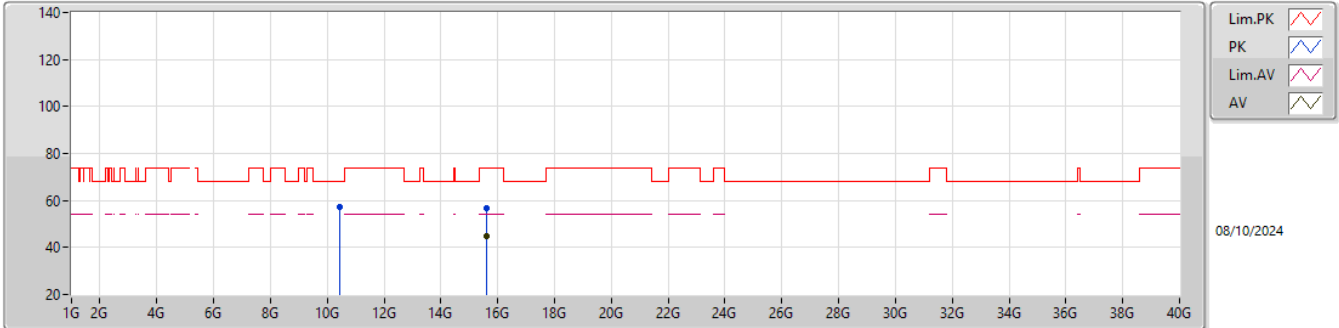


EUT_Y_2TX
Setting 16
02-備-G-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1406G	64.35	74.00	-9.65	54.71	3	Horizontal	0	1.83	-	33.60	6.97	30.93			
AV	5.133G	53.42	54.00	-0.58	43.79	3	Horizontal	0	1.83	-	33.60	6.97	30.94			
PK	5.2446G	109.73	Inf	-Inf	99.81	3	Horizontal	0	1.83	-	33.79	7.00	30.87			
AV	5.2478G	98.98	Inf	-Inf	89.05	3	Horizontal	0	1.83	-	33.80	7.00	30.87			
PK	5.3742G	64.75	74.00	-9.25	54.63	3	Horizontal	0	1.83	-	33.95	6.97	30.80			
AV	5.3586G	53.19	54.00	-0.81	43.11	3	Horizontal	0	1.83	-	33.92	6.97	30.81			

5.15-5.25GHz_QPSK40+40_80MHz_Nss1_2TX

#5184MHz,#5230MHz_TX

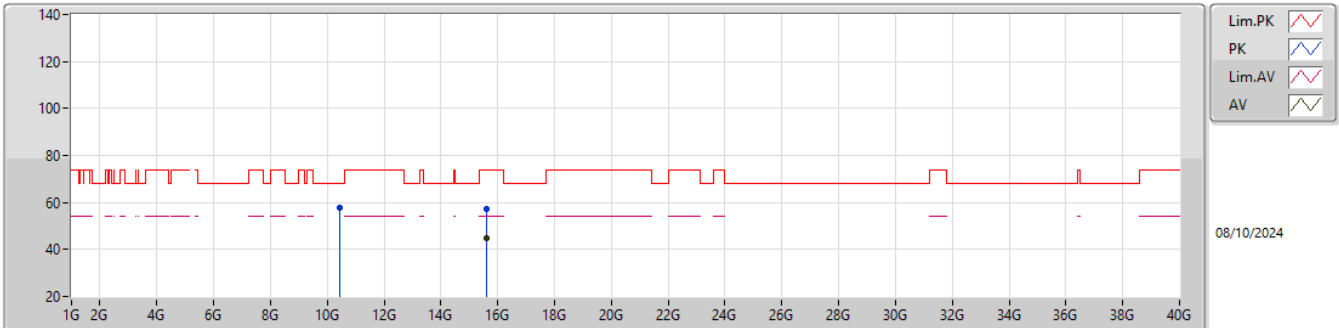


EUT Y_2TX
Setting 16
02-備-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.42732G	57.40	68.20	-10.80	38.38	3	Vertical	185	1.80	-	38.45	11.08	30.51			
PK	15.61362G	56.71	74.00	-17.29	38.99	3	Vertical	274	1.80	-	37.85	11.85	31.98			
AV	15.6129G	44.85	54.00	-9.15	27.13	3	Vertical	274	1.80	-	37.85	11.85	31.98			

5.15-5.25GHz_QPSK40+40_80MHz_Nss1_2TX

#5184MHz,#5230MHz_TX

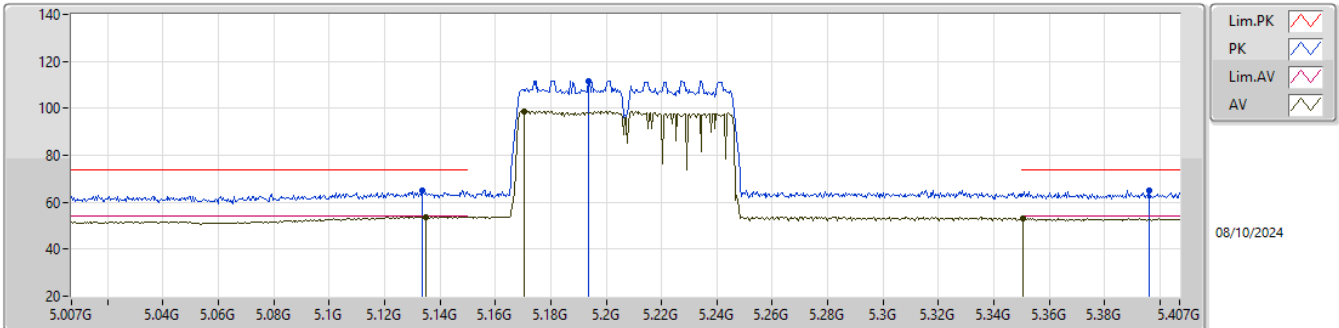


EUT Y_2TX
Setting 16
02-備-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.42507G	57.57	68.20	-10.63	38.55	3	Horizontal	114	1.80	-	38.45	11.08	30.51			
PK	15.61209G	57.24	74.00	-16.76	39.52	3	Horizontal	47	2.91	-	37.85	11.85	31.98			
AV	15.61332G	44.82	54.00	-9.18	27.10	3	Horizontal	47	2.91	-	37.85	11.85	31.98			

5.15-5.25GHz_QPSK40+40_80MHz_Nss1_2TX

#5187MHz,#5227MHz_TX

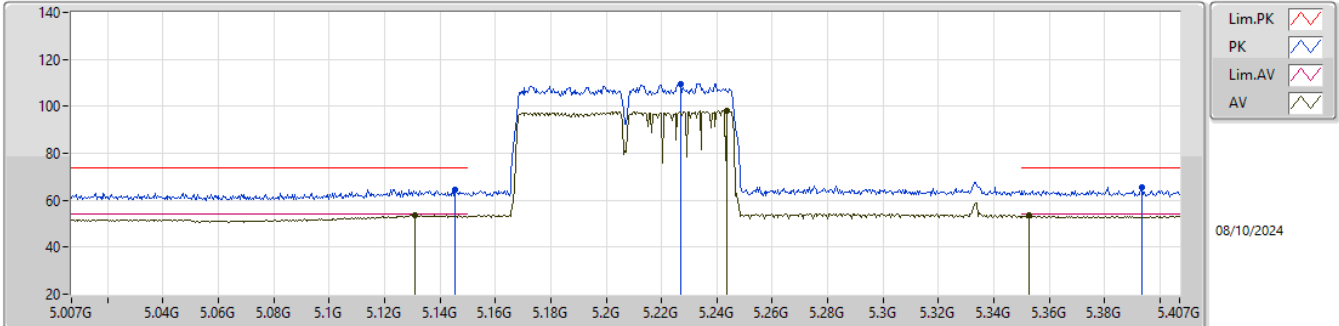


EUT_Y_2TX
Setting 15
02-備-G-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1334G	65.25	74.00	-8.75	55.62	3	Vertical	0	1.80	-	33.60	6.97	30.94			
AV	5.135G	53.83	54.00	-0.17	44.19	3	Vertical	0	1.80	-	33.60	6.97	30.93			
PK	5.1938G	111.77	Inf	-Inf	101.97	3	Vertical	0	1.80	-	33.69	7.01	30.90			
AV	5.1706G	98.86	Inf	-Inf	89.14	3	Vertical	0	1.80	-	33.64	6.99	30.91			
PK	5.3962G	64.81	74.00	-9.19	54.65	3	Vertical	0	1.80	-	33.99	6.96	30.79			
AV	5.3506G	53.11	54.00	-0.89	43.05	3	Vertical	0	1.80	-	33.90	6.97	30.81			

5.15-5.25GHz_QPSK40+40_80MHz_Nss1_2TX

#5187MHz,#5227MHz_TX

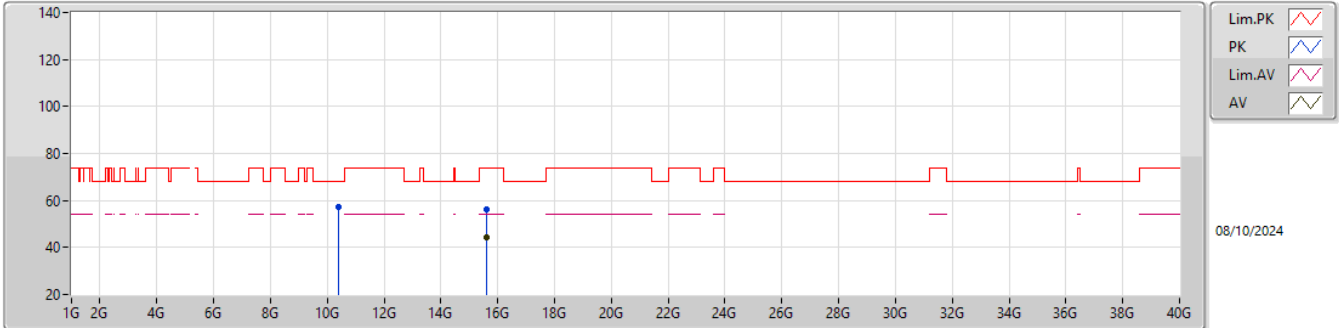


EUT_Y_2TX
Setting 15
02-備-G-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1454G	64.57	74.00	-9.43	54.93	3	Horizontal	1	1.80	-	33.60	6.97	30.93			
AV	5.131G	53.65	54.00	-0.35	44.02	3	Horizontal	1	1.80	-	33.60	6.97	30.94			
PK	5.227G	109.65	Inf	-Inf	99.78	3	Horizontal	1	1.80	-	33.75	7.00	30.88			
AV	5.2434G	98.26	Inf	-Inf	88.34	3	Horizontal	1	1.80	-	33.79	7.00	30.87			
PK	5.3934G	65.52	74.00	-8.48	55.36	3	Horizontal	1	1.80	-	33.99	6.96	30.79			
AV	5.3526G	53.44	54.00	-0.56	43.37	3	Horizontal	1	1.80	-	33.91	6.97	30.81			

5.15-5.25GHz_QPSK40+40_80MHz_Nss1_2TX

#5187MHz,#5227MHz_TX

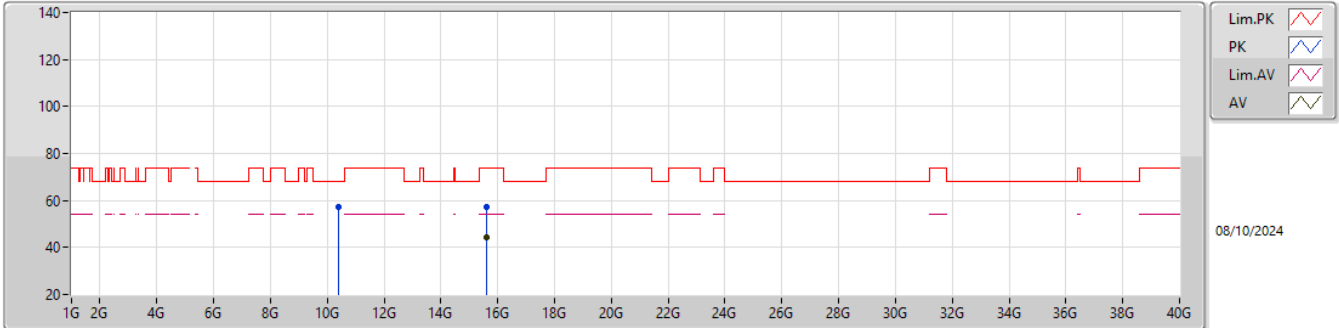


EUT Y_2TX
Setting 15
02-備-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.41328G	57.06	68.20	-11.14	38.03	3	Vertical	99	1.80	-	38.47	11.07	30.51			
PK	15.61896G	56.10	74.00	-17.90	38.42	3	Vertical	280	1.25	-	37.82	11.85	31.99			
AV	15.61398G	44.50	54.00	-9.50	26.79	3	Vertical	280	1.25	-	37.84	11.85	31.98			

5.15-5.25GHz_QPSK40+40_80MHz_Nss1_2TX

#5187MHz,#5227MHz_TX



EUT_Y_2TX
Setting 15
02-備-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.41302G	57.46	68.20	-10.74	38.43	3	Horizontal	102	1.80	-	38.47	11.07	30.51			
PK	15.61968G	57.06	74.00	-16.94	39.38	3	Horizontal	337	2.51	-	37.82	11.85	31.99			
AV	15.61456G	44.25	54.00	-9.75	26.54	3	Horizontal	337	2.51	-	37.84	11.85	31.98			