Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	2ABOF-G1RN6AHI042
Equipment	:	RNv SYSTEM (6 GHz)
Brand Name	:	Tarana
Model Name	:	RNv SYSTEM (6 GHz)
Model Number	:	G1RN6AHI042
Applicant	:	Tarana Wireless, Inc. 590 Alder Drive ,Milpitas , CA 95035 , USA
Manufacturer	:	Tarana Wireless, Inc. 590 Alder Drive ,Milpitas , CA 95035 , USA
Standard	:	47 CFR FCC Part 15.407

The product was received on Dec. 23, 2024, and testing was started from Feb. 06, 2025 and completed on Feb. 24, 2025. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Sam Chen

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

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History of this test report

Report No.	Version	Description	Issued Date
FR4D1172AA	01	Initial issue of report	Mar. 05, 2025

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Output Power	PASS	-
3.4	15.407(a)	Power Spectral Density	PASS	-
3.5	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/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the chapter "Measurement Uncertainty".

Disclaimer:

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

Reviewed by: Sam Chen
Report Producer: Vicky Huang

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	Mode	Ch. Frequency (MHz)
5725-5850	40	5755 / 5795 / 5825
5725-5850	40+40	5755+5795 / 5785+5825

Band	Mode	BWch (MHz)	Nant
5.725-5.85GHz	40	40	4TX
5.725-5.85GHz	40+40	40+40	4TX

Note:
- 40 and 40+40 use a combination of QPSK modulation.
- BWch is the nominal channel bandwidth.
- Support 4T2S only.

1.1.2 Antenna Information

Ant.	Ant. CH	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)		
							5GHz UNII 3	6GHz UNII 5	6GHz UNII 7
1	0	1	Accton	KG755	Patch array	MMCX	20.0	20.5	20.4
	1	2	Accton	KG755	Patch array	MMCX	20.0	20.5	20.4
	2	3	Accton	KG755	Patch array	MMCX	20.0	20.5	20.4
	3	4	Accton	KG755	Patch array	MMCX	20.0	20.5	20.4

Note 1: The EUT is driving cross-polarized antenna: CH 1, 3 is vertical and CH 0, 2 is horizontal. Minimum number of spatial stream (Nss) is 2. it doesn't need to evaluate array gain.

Note 2: The above information was declared by manufacturer.

Note 3: **For 5GHz function (4TX/4RX):**

Port 1, 2, 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, 2, 3 and Port 4 could transmit/receive simultaneously.

For 6GHz function (4TX/4RX):

Port 1, 2, 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, 2, 3 and Port 4 could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
QPSK40_Nss 2,(M0)	1	0	100.003m	10Hz (DC>=0.98)
QPSK40+40_Nss 2,(M0)	1	0	100.003m	10Hz (DC>=0.98)

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

1.1.4 EUT Operational Condition

EUT Power Type	From PoE			
Beamforming Function	☐	With beamforming	☒	Without beamforming
Function	☐	Outdoor P2M	☐	Indoor P2M
	☒	Fixed P2P	☒	Client
Channel Puncturing Function	☐	Supported Static Puncturing		
	☐	Supported Dynamic Puncturing		
	☒	Unsupported		
Test Software Version	GNOME Terminal 3.36.2			

Note: The above information was declared by manufacturer.

1.2 Applicable Standards

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

- 47 CFR FCC Part 15
- 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 412172 D01 v01r01
- FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH03-CB	Ken Yeh	21.7~23.1 / 58~60	Feb. 13, 2025~ Feb. 14, 2025
Radiated (Below 1GHz)	03CH04-CB	Viola Huang	22.7-23.8 / 58-60	Feb. 19, 2025~ Feb. 24, 2025
	03CH05-CB		21.9-22.4 / 60-62	
Radiated (Above 1GHz)	03CH04-CB	Viola Huang	22.7-23.8 / 58-60	Feb. 06, 2025~ Feb. 18, 2025
	03CH05-CB		21.9-22.4 / 60-62	
Radiated (Co-location)	03CH05-CB	Viola Huang	21.9-22.4 / 60-62	Feb. 17, 2025
AC Conduction	CO01-CB	Tim Chen	21~22 / 57~58	Feb. 06, 2025

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
Conducted Emission (150kHz ~ 30MHz)	3.8 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	4.1 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.2 dB	Confidence levels of 95%
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

Mode
QPSK_40MHz_Nss2,(MCS0)_4TX
5755MHz
5795MHz
5825MHz
QPSK40+40_40MHz_Nss2,(MCS0)_4TX
#5755MHz,#5795MHz
#5785MHz,#5825MHz

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	Normal Link
1	EUT-RF 5GHz+RF 6GHz+GPS

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-RF 5GHz
2	EUT in Y axis-RF 6GHz
For operating mode 1 is the worst case and it was record in this test report.	
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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
	After evaluating, EUT in Y axis was the worst case, so the measurement will follow this same test configuration.
1	EUT in Y axis-RF 5GHz+RF 6GHz
Refer to Appendix F for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	RF 5GHz+RF 6GHz
Refer to Sporton Test Report No.: FA4D1172 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

For CTX Mode:
The EUT was programmed to be in continuously transmitting mode.

For Normal Link:
During the test, the EUT operation to normal function.

2.4 Accessories

Accessories			
Equipment Name	**Brand Name**	**Model Name**	**Rating**
PoE	PHIHONG	POE60U-BTA	INPUT: 100-240V~1.5A, 50-60Hz OUTPUT: 56V, 0.535A, 30W

2.5 Support Equipment

For AC Conduction:

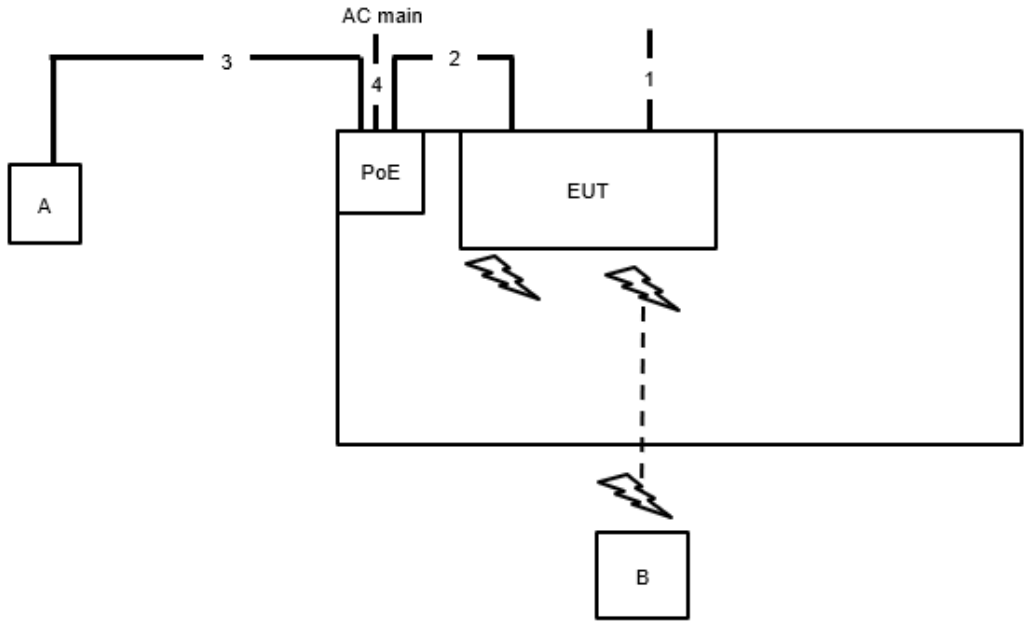
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	LAN PC	ASUS	D800MDR	N/A
B	GPS Simulator	WELNAVIGATE	GS-100	N/A

For Radiated and RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PC	ACER	Altos P10F6	N/A

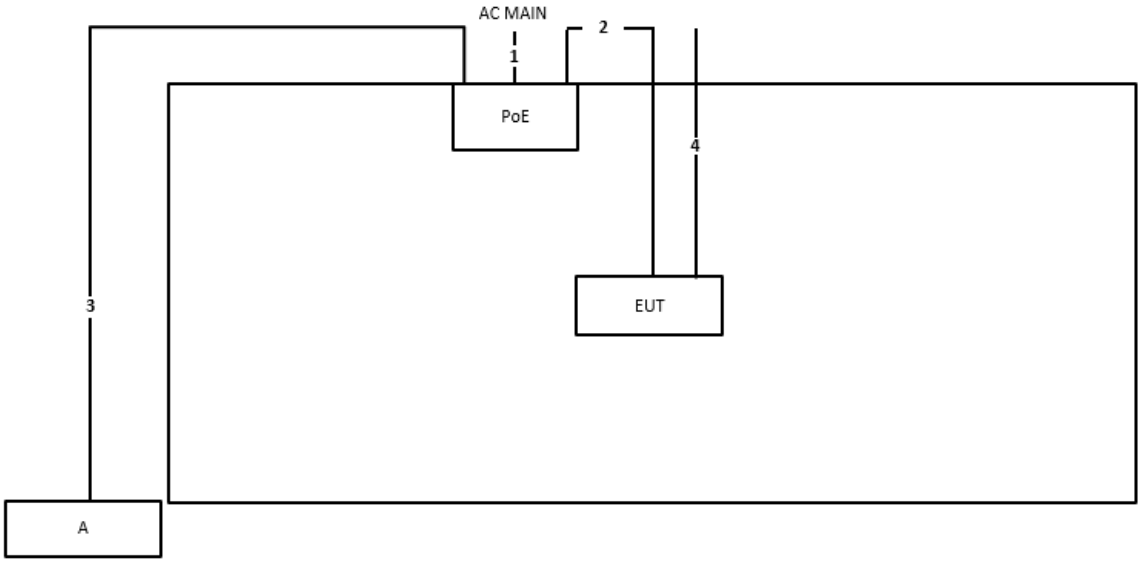
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length
1	GND cable	No	1.5m
2	Cat6 RJ-45 cable	Yes	2m
3	Cat6 RJ-45 cable	Yes	10m
4	Power cable	No	1.8m

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	Yes	2m
3	RJ-45 cable	Yes	10m
4	GND cable	No	2.6m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

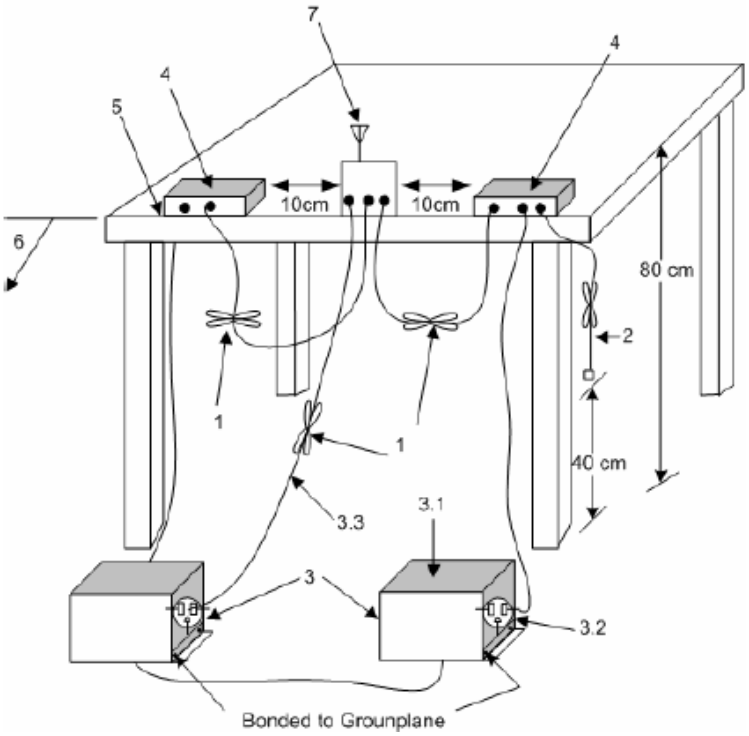
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

a. Corrected Reading: LISN Factor (LISN) + Attenuator (AT/AUX) + Cable Loss (CL) + Read Level (Raw) = Level

b. Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☐	For the 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.

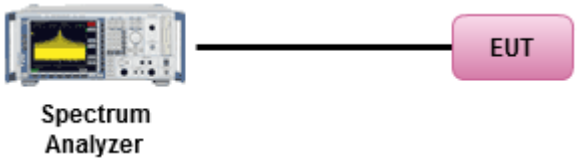
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
▪	For the emission bandwidth shall be measured using one of the options below:
☒	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.

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Output Power

3.3.1 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.	

3.3.2 Measuring Instruments

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

3.3.3 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: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$
☐	For radiated measurement.
	▪ Refer as FCC KDB 789033 D02 clause II A.1.F ”Antenna-port Conducted versus Radiated Testing”
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
	▪ Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.3.4 Test Setup

Conducted Measurement (Power Meter)

3.3.5 Test Result of Maximum Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 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° ≤ θ < 8° ; -13 − 0.716 (θ-8) dBW/MHz for 8° ≤ θ < 40° -35.9 − 1.22 (θ-40) dBW/MHz for 40° ≤ θ ≤ 45° ; -42 dBW/MHz for θ > 45°
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz **G_{TX}** = the maximum transmitting antenna directional gain in dBi.	

3.4.2 Measuring Instruments

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

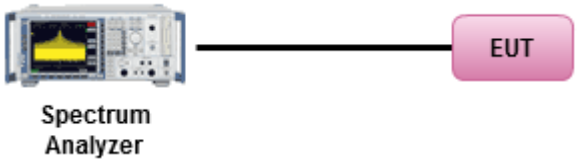
3.4.3 Test Procedures

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: $PPSD_{total} = PPSD_1 + PPSD_2 + \ldots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$

☐	For radiated measurement.
	▪ Refer as FCC KDB 789033 D02 clause II A.1.F ”Antenna-port Conducted versus Radiated Testing”
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
	▪ Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.4.4 Test Setup

Conducted Measurement



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

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

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

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

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

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).

3.5.2 Measuring Instruments

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

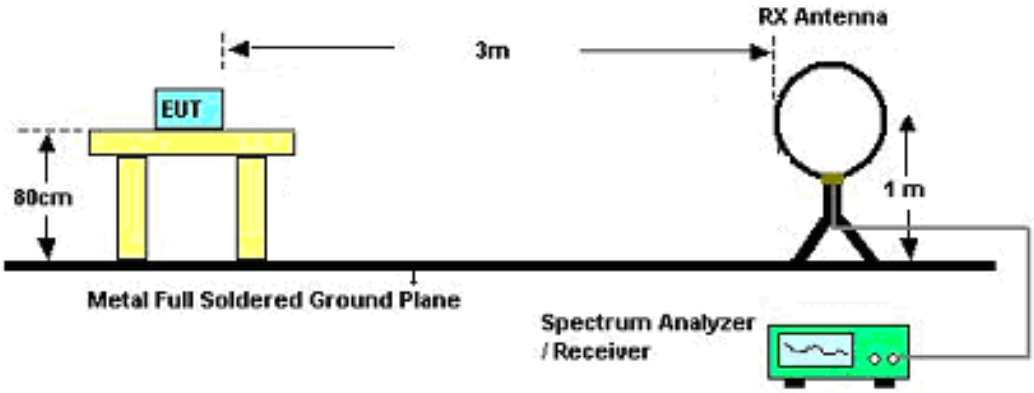
3.5.3 Test Procedures

Test Method			
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).			
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].			
▪ For the transmitter unwanted emissions shall be measured using following options below:			
	▪ Refer as FCC KDB 789033 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 ≥ 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.			

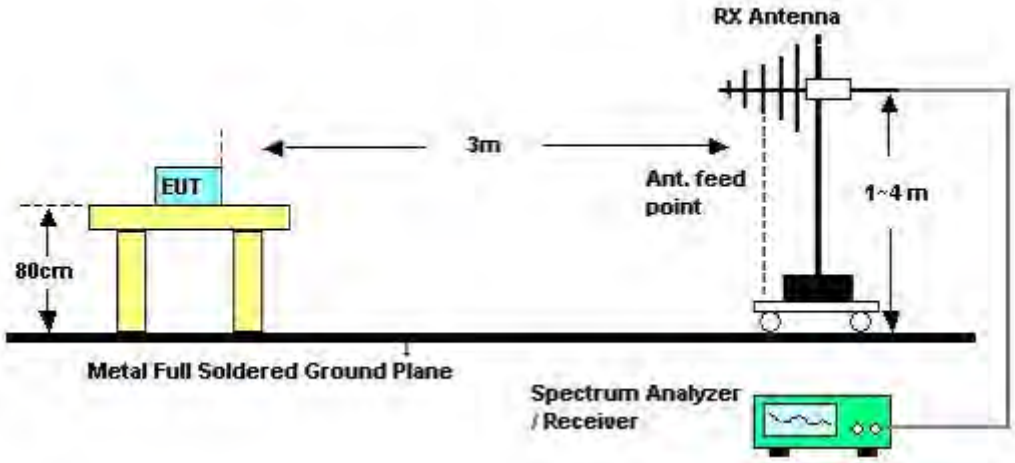
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

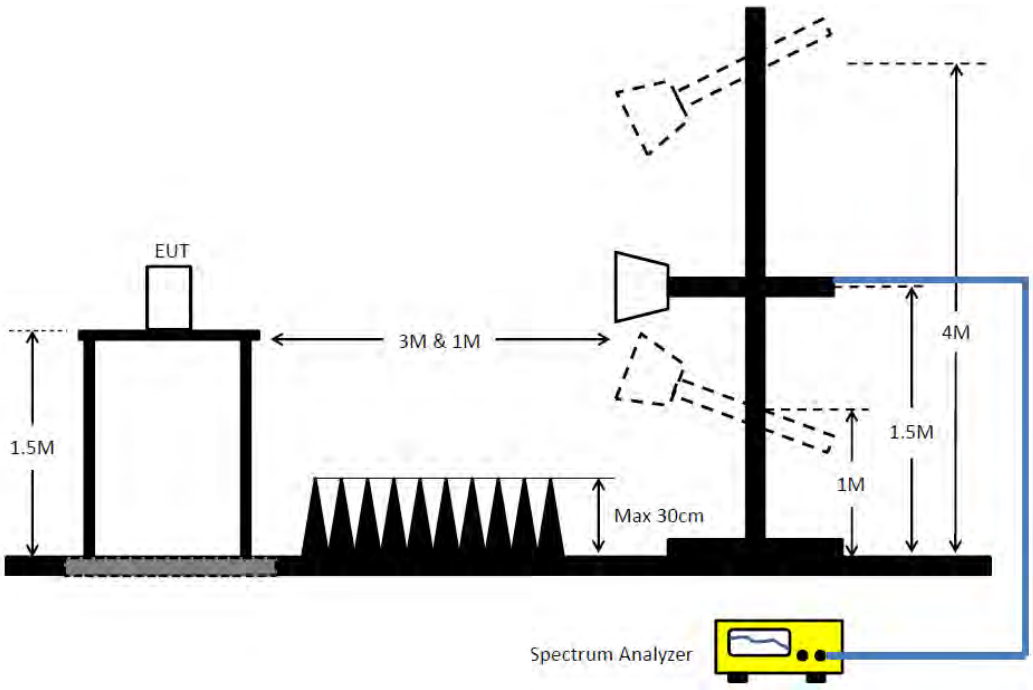
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.5.5 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Antenna factor (AF) + Cable loss (CL) + Read level (Raw) - Preamp factor (PA)(if applicable) = Level.

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.
The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10th harmonic or 40 GHz, whichever is appropriate.

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 01, 2024	Feb. 28, 2025	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 19, 2024	Feb. 18, 2025	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 24, 2024	Apr. 23, 2025	Conduction (CO01-CB)
Pulse Limiter	Rohde& Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Oct. 16, 2024	Oct. 15, 2025	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	Oct. 16, 2024	Oct. 15, 2025	Conduction (CO01-CB)
Test Software	SPORTON	SENSE-EMI	V5.11	150kHz-30MHz	N.C.R.	N.C.R.	Conduction (CO01-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH04-CB	30 MHz ~ 1 GHz	Jul. 31, 2024	Jul. 30, 2025	Radiation (03CH04-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 22, 2024	Feb. 21, 2025	Radiation (03CH04-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30MHz	Oct. 16, 2024	Oct. 15, 2025	Radiation (03CH04-CB)
BILOG ANTENNA with 6 dB attenuator	Schaffner & EMCI	CBL6112B & N-6-06	22021&AT-N0607	30MHz ~ 1GHz	Oct. 05, 2024	Oct. 04, 2025	Radiation (03CH04-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120D-01816	1GHz~18GHz	Dec. 20, 2024	Dec. 19, 2025	Radiation (03CH04-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH04-CB)
Pre-Amplifier	EMCI	EMC330N	980391	20MHz ~ 3GHz	May 22, 2024	May 21, 2025	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH5265	20211115-1	1~ 26.5GHz	Jan. 16, 2025	Jan. 15, 2026	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 19, 2024	Mar. 18, 2025	Radiation (03CH04-CB
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 21, 2024	Oct. 20, 2025	Radiation (03CH04-CB)
RF Cable-low	Woken	RG402	Low Cable-03+67	30MHz – 1GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH04-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.8	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE-15407 _NII	V5.11. 23	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH04-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 01, 2024	Jul. 31, 2025	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)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30MHz	Oct. 16, 2024	Oct. 15, 2025	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 23, 2024	Mar. 22, 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	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH05-CB)
Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 02, 2024	May 01, 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. 25, 2024	Nov. 24, 2025	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 17, 2024	Apr. 16, 2025	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 21, 2024	Oct. 20, 2025	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH05-CB)
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. 01, 2024	Sep. 30, 2025	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.8	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE-15407 _NII	V5.11. 23	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH05-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Jan. 02, 2025	Jan. 01, 2026	Conducted (TH03-CB)

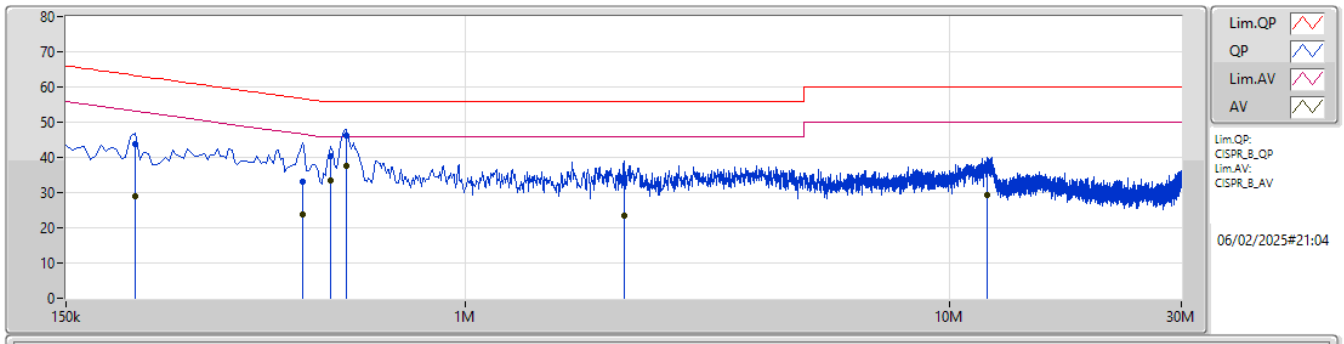
Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Power Sensor	Anritsu	MA2411B	1726195	300MHz~ 40GHz	Sep. 06, 2024	Sep. 05, 2025	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~ 40GHz	Sep. 06, 2024	Sep. 05, 2025	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-11	30MHz –18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-12	30MHz –18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-13	30MHz –18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz –18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz –18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1~18GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (TH03-CB)
Test Software	SPORTON	SENSE-15407 _NII	V5.11. 23	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Conducted (TH03-CB)

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

Summary

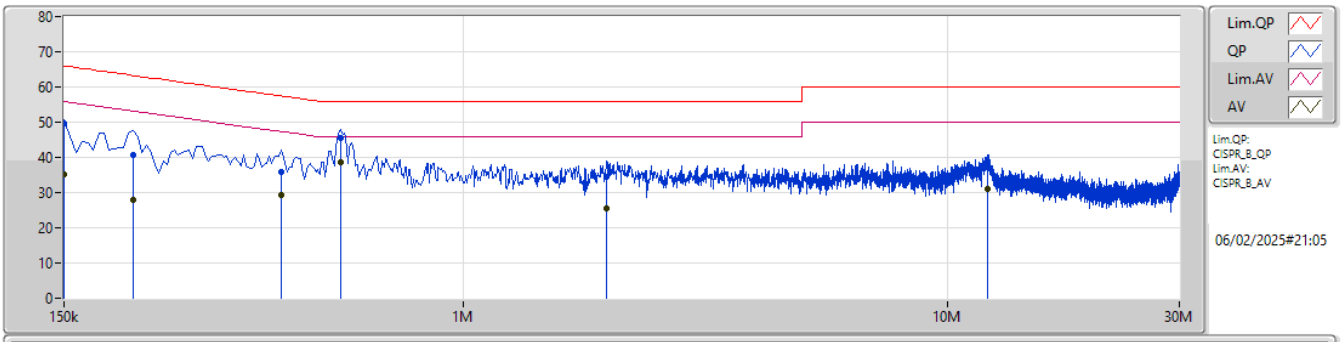
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	559.5k	38.79	46.00	-7.21	Neutral

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	208.5k	43.78	63.27	-19.49	10.07	Line	-	33.71	0.04	0.07	9.96
AV	208.5k	29.00	53.27	-24.27	10.07	Line	-	18.93	0.04	0.07	9.96
QP	460.5k	33.08	56.69	-23.61	10.23	Line	-	22.85	0.05	0.10	10.08
AV	460.5k	23.67	46.69	-23.02	10.23	Line	-	13.44	0.05	0.10	10.08
QP	528k	40.23	56.00	-15.77	10.25	Line	-	29.98	0.06	0.10	10.09
AV	528k	33.57	46.00	-12.43	10.25	Line	-	23.32	0.06	0.10	10.09
QP	568.5k	46.33	56.00	-9.67	10.26	Line	-	36.07	0.06	0.10	10.10
AV	568.5k	37.47	46.00	-8.53	10.26	Line	"Worst"	27.21	0.06	0.10	10.10
QP	2.126M	32.59	56.00	-23.41	10.18	Line	-	22.41	0.09	0.14	9.95
AV	2.126M	23.47	46.00	-22.53	10.18	Line	-	13.29	0.09	0.14	9.95
QP	11.909M	36.23	60.00	-23.77	10.29	Line	-	25.94	0.25	0.18	9.86
AV	11.909M	29.38	50.00	-20.62	10.29	Line	-	19.09	0.25	0.18	9.86

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	49.81	66.00	-16.19	10.05	Neutral	-	39.76	0.06	0.08	9.91
AV	150k	35.04	56.00	-20.96	10.05	Neutral	-	24.99	0.06	0.08	9.91
QP	208.5k	40.56	63.27	-22.71	10.09	Neutral	-	30.47	0.06	0.07	9.96
AV	208.5k	27.80	53.27	-25.47	10.09	Neutral	-	17.71	0.06	0.07	9.96
QP	420k	35.93	57.45	-21.52	10.23	Neutral	-	25.70	0.06	0.10	10.07
AV	420k	29.26	47.45	-18.19	10.23	Neutral	-	19.03	0.06	0.10	10.07
QP	559.5k	45.37	56.00	-10.63	10.27	Neutral	-	35.10	0.07	0.10	10.10
AV	559.5k	38.79	46.00	-7.21	10.27	Neutral	"Worst"	28.52	0.07	0.10	10.10
QP	1.977M	34.34	56.00	-21.66	10.19	Neutral	-	24.15	0.10	0.14	9.95
AV	1.977M	25.54	46.00	-20.46	10.19	Neutral	-	15.35	0.10	0.14	9.95
QP	12.098M	37.36	60.00	-22.64	10.31	Neutral	-	27.05	0.26	0.18	9.87
AV	12.098M	30.89	50.00	-19.11	10.31	Neutral	-	20.58	0.26	0.18	9.87

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.725-5.85GHz	-	-	-	-	-
QPSK_40MHz_Nss2,(MCS0)_4TX	37.51M	37.331M	37M3D1D	37.18M	37.181M
QPSK40+40_40MHz_Nss2,(MCS0)_4TX	77.44M	76.962M	77M0D1D	77.22M	76.762M

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

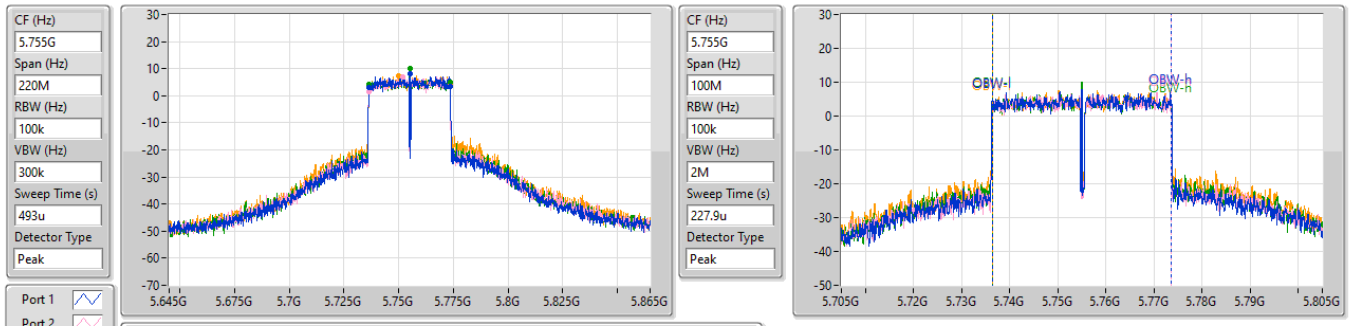
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
QPSK_40MHz_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5755MHz	Pass	500k	37.4M	37.231M	37.51M	37.181M	37.18M	37.231M	37.4M	37.181M
5795MHz	Pass	500k	37.51M	37.331M	37.4M	37.281M	37.51M	37.331M	37.29M	37.281M
5825MHz	Pass	500k	37.51M	37.231M	37.4M	37.231M	37.4M	37.231M	37.4M	37.281M
QPSK40+40_40MHz_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5755MHz,#5795MHz	Pass	500k	77.22M	76.962M	77.44M	76.862M	77.44M	76.962M	77.44M	76.862M
#5785MHz,#5825MHz	Pass	500k	77.44M	76.762M	77.44M	76.862M	77.44M	76.762M	77.22M	76.862M

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

5.725-5.85GHz_QPSK_40MHz_Nss2,(MCS0)_4TX **EBW**

5755MHz

13/02/2025

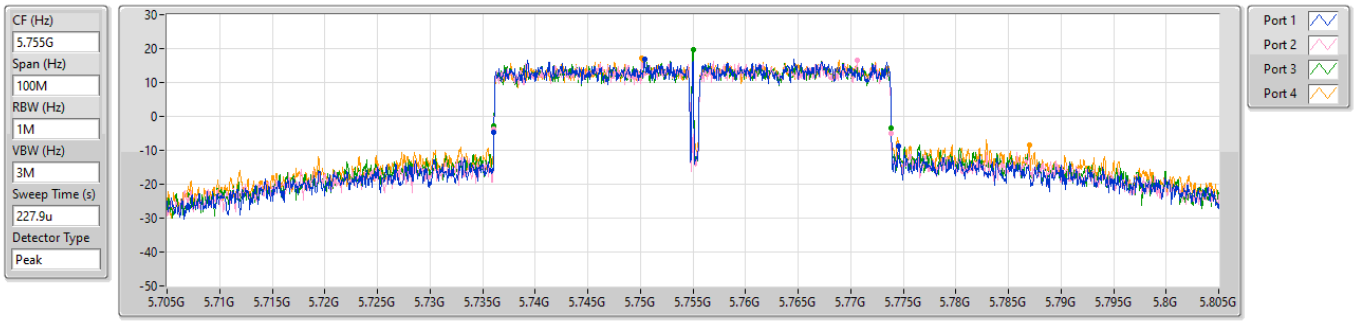


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.4M	5.7363G	5.7737G	37.231M	5.736359G	5.773591G	500k	1
37.51M	5.73619G	5.7737G	37.181M	5.736409G	5.773591G	500k	2
37.18M	5.7363G	5.77348G	37.231M	5.736359G	5.773591G	500k	3
37.4M	5.7363G	5.7737G	37.181M	5.736409G	5.773591G	500k	4

5.725-5.85GHz_QPSK_40MHz_Nss2,(MCS0)_4TX **EBW**

5755MHz

13/02/2025

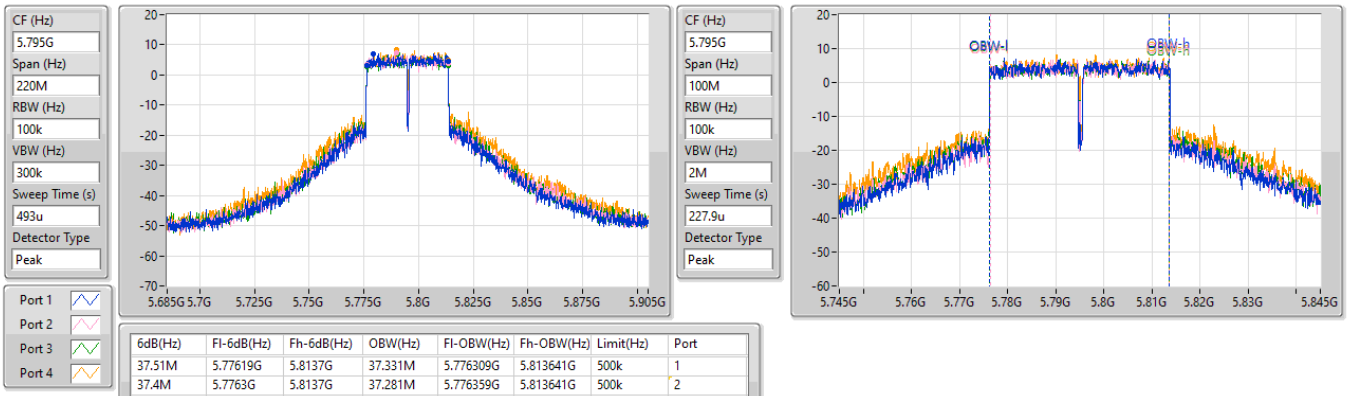


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
38.45M	5.7361G	5.77455G	Inf	1
37.75M	5.7361G	5.77385G	Inf	2
37.75M	5.7361G	5.77385G	Inf	3
50.9M	5.7361G	5.787G	Inf	4

5.725-5.85GHz_QPSK_40MHz_Nss2,(MCS0)_4TX **EBW**

5795MHz

13/02/2025

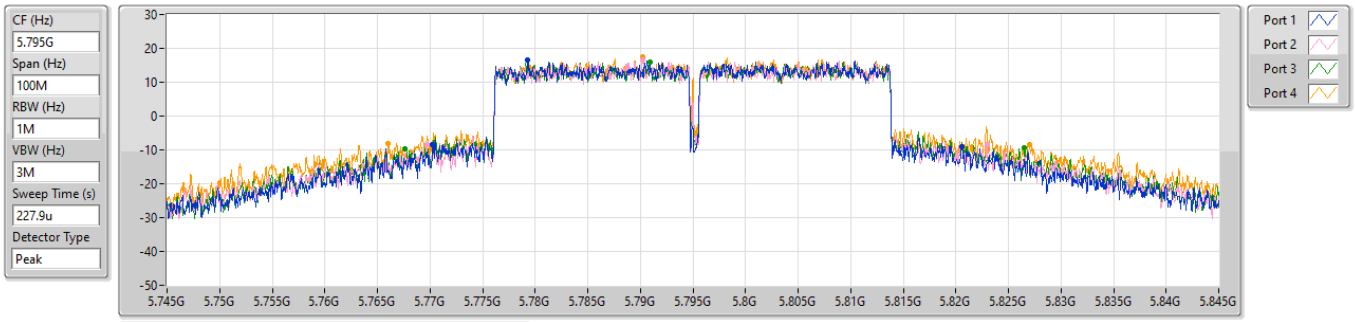


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.51M	5.77619G	5.8137G	37.331M	5.776309G	5.813641G	500k	1
37.4M	5.7763G	5.8137G	37.281M	5.776359G	5.813641G	500k	2
37.51M	5.77619G	5.8137G	37.331M	5.776309G	5.813641G	500k	3
37.29M	5.77641G	5.8137G	37.281M	5.776359G	5.813641G	500k	4

5.725-5.85GHz_QPSK_40MHz_Nss2,(MCS0)_4TX **EBW**

5795MHz

13/02/2025

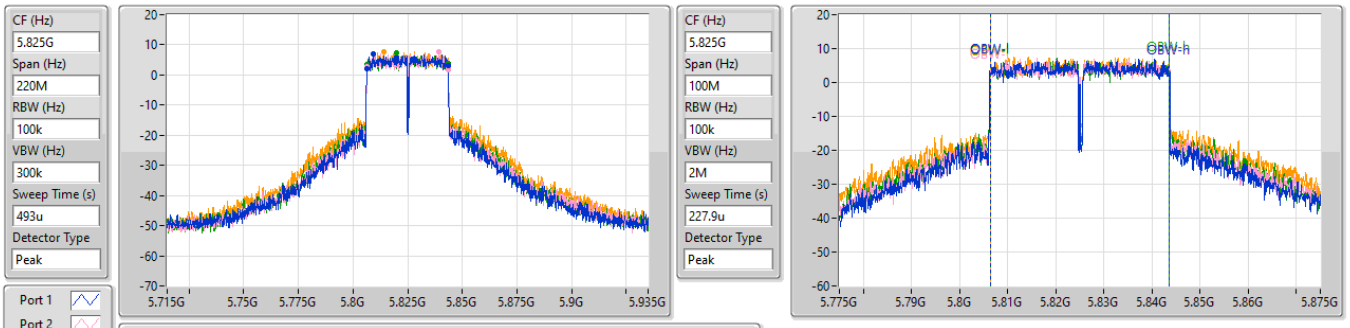


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
50.35M	5.77025G	5.8206G	Inf	1
53.25M	5.7697G	5.82295G	Inf	2
58.9M	5.76765G	5.82655G	Inf	3
61M	5.76605G	5.82705G	Inf	4

5.725-5.85GHz_QPSK_40MHz_Nss2,(MCS0)_4TX **EBW**

5825MHz

13/02/2025

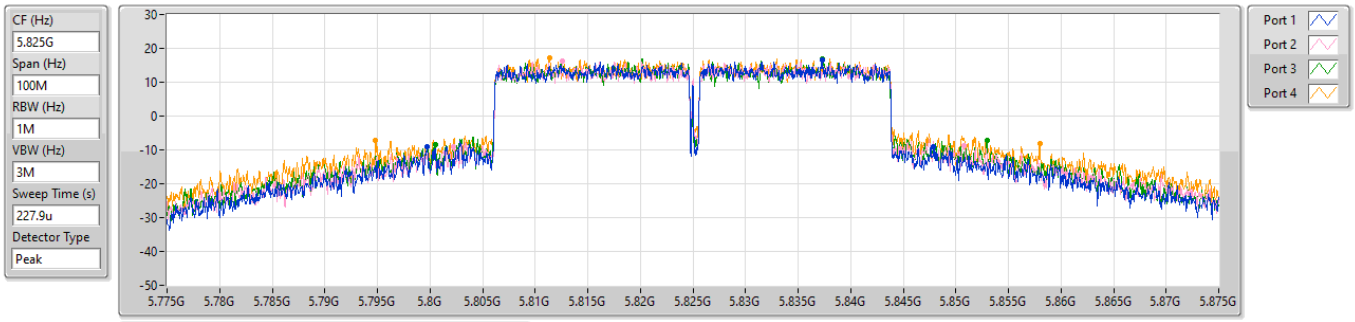


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.51M	5.80619G	5.8437G	37.231M	5.806359G	5.843591G	500k	1
37.4M	5.8063G	5.8437G	37.231M	5.806409G	5.843641G	500k	2
37.4M	5.8063G	5.8437G	37.231M	5.806359G	5.843591G	500k	3
37.4M	5.8063G	5.8437G	37.281M	5.806359G	5.843641G	500k	4

5.725-5.85GHz_QPSK_40MHz_Nss2,(MCS0)_4TX **EBW**

5825MHz

13/02/2025

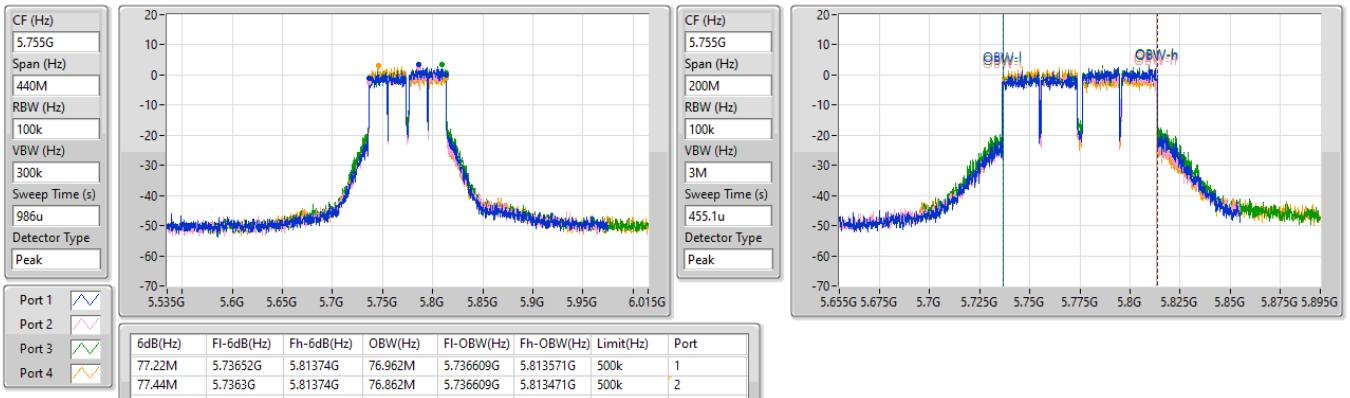


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
48.2M	5.7997G	5.8479G	Inf	1
48.6M	5.8022G	5.8508G	Inf	2
52.45M	5.8005G	5.85295G	Inf	3
63.2M	5.7948G	5.858G	Inf	4

5.725-5.85GHz_QPSK40+40_40MHz_Nss2,(MCS0)_4TX **EBW**

#5755MHz,#5795MHz

13/02/2025

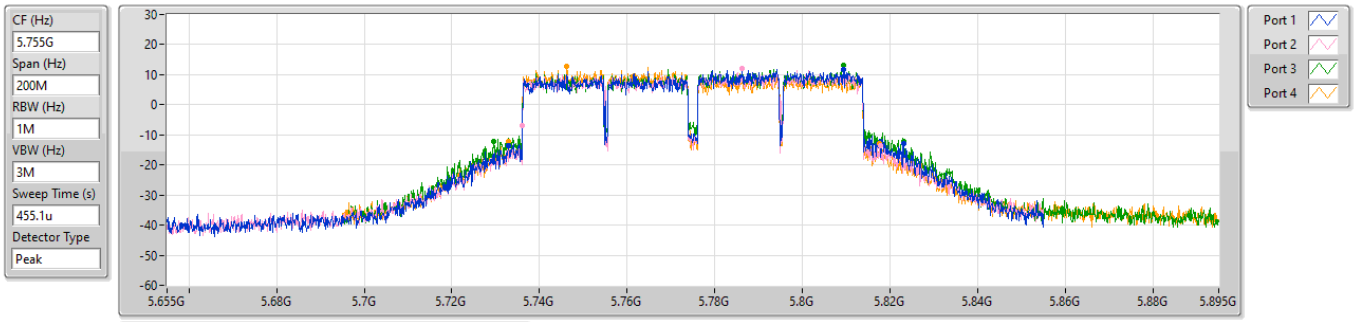


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
77.22M	5.73652G	5.81374G	76.962M	5.736609G	5.813571G	500k	1
77.44M	5.7363G	5.81374G	76.862M	5.736609G	5.813471G	500k	2
77.44M	5.73626G	5.8137G	76.962M	5.736629G	5.813591G	500k	3
77.44M	5.73626G	5.8137G	76.862M	5.736529G	5.813391G	500k	4

5.725-5.85GHz_QPSK40+40_40MHz_Nss2,(MCS0)_4TX **EBW**

#5755MHz,#5795MHz

13/02/2025

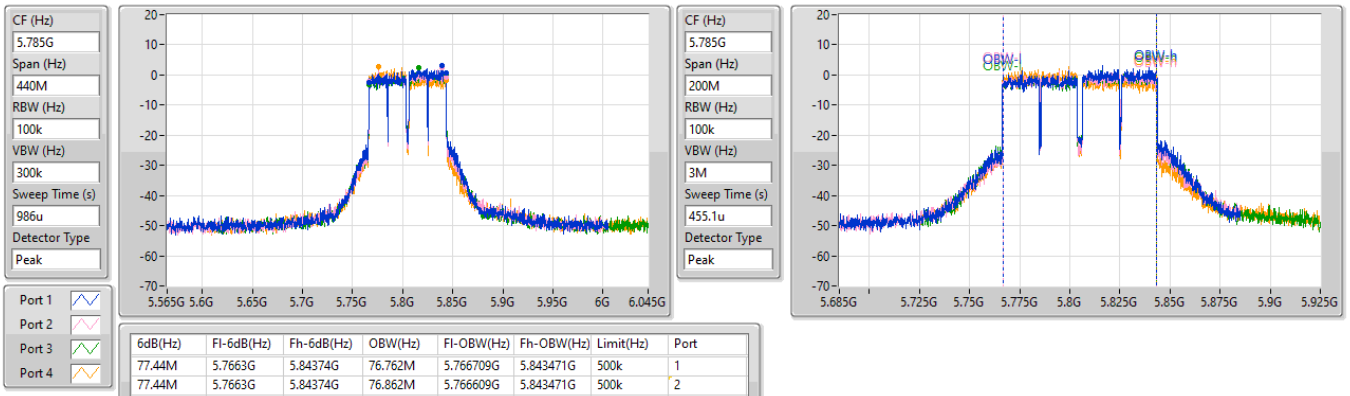


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
90.2M	5.7328G	5.823G	Inf	1
81.6M	5.7361G	5.8177G	Inf	2
93.4M	5.7296G	5.823G	Inf	3
84.7M	5.7329G	5.8176G	Inf	4

5.725-5.85GHz_QPSK40+40_40MHz_Nss2,(MCS0)_4TX **EBW**

#5785MHz,#5825MHz

13/02/2025

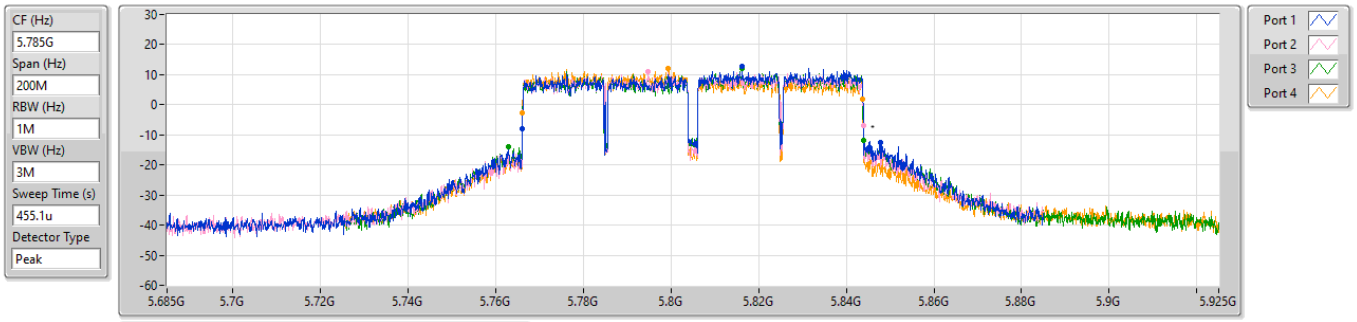


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
77.44M	5.7663G	5.84374G	76.762M	5.766709G	5.843471G	500k	1
77.44M	5.7663G	5.84374G	76.862M	5.766609G	5.843471G	500k	2
77.44M	5.76626G	5.8437G	76.762M	5.766729G	5.843491G	500k	3
77.22M	5.76626G	5.84348G	76.862M	5.766529G	5.843391G	500k	4

5.725-5.85GHz_QPSK40+40_40MHz_Nss2,(MCS0)_4TX **EBW**

#5785MHz,#5825MHz

13/02/2025



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
81.6M	5.7661G	5.8477G	Inf	1
77.8M	5.7661G	5.8439G	Inf	2
80.9M	5.763G	5.8439G	Inf	3
77.7M	5.7661G	5.8438G	Inf	4

Summary

Mode	Total Power (dBm)	Total Power (W)
5.725-5.85GHz	-	-
QPSK_40MHz_Nss2,(MCS0)_4TX	29.84	0.96383
QPSK40+40_40MHz_Nss2,(MCS0)_4TX	26.92	0.49204

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
QPSK_40MHz_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5755MHz	Pass	20.00	23.78	23.63	23.56	23.85	29.73	30.00
5795MHz	Pass	20.00	23.71	23.64	23.5	24.31	29.82	30.00
5825MHz	Pass	20.00	23.66	23.63	23.6	24.34	29.84	30.00
QPSK40+40_40MHz_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
#5755MHz,#5795MHz	Pass	20.00	21.03	20.65	21.11	20.81	26.92	30.00
#5785MHz,#5825MHz	Pass	20.00	20.86	20.5	20.42	20.38	26.56	30.00

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

Summary

Mode	PD (dBm/RBW)
5.725-5.85GHz	-
QPSK_40MHz_Nss2,(MCS0)_4TX	12.28
QPSK40+40_40MHz_Nss2,(MCS0)_4TX	6.45

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

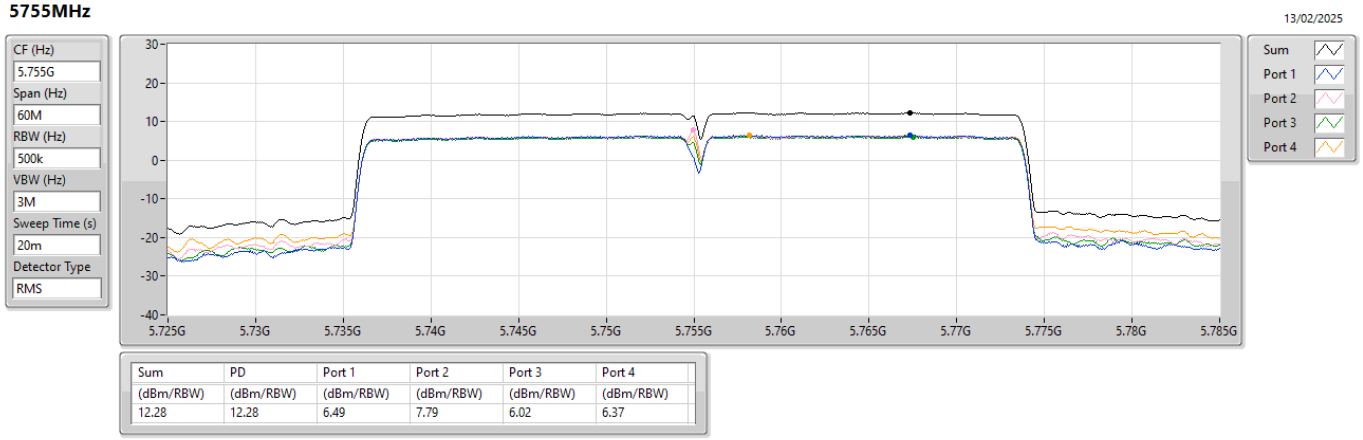
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
QPSK_40MHz_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5755MHz	Pass	20.00	6.49	7.79	6.02	6.37	12.28	30.00
5795MHz	Pass	20.00	5.95	5.85	5.73	6.53	11.96	30.00
5825MHz	Pass	20.00	5.91	5.75	5.73	6.52	11.87	30.00
QPSK40+40_40MHz_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
#5755MHz,#5795MHz	Pass	20.00	1.27	0.36	0.96	0.91	6.45	30.00
#5785MHz,#5825MHz	Pass	20.00	0.84	0.15	0.04	0.47	5.84	30.00

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

5.725-5.85GHz_QPSK_40MHz_Nss2,(MCS0)_4TX **PSD**

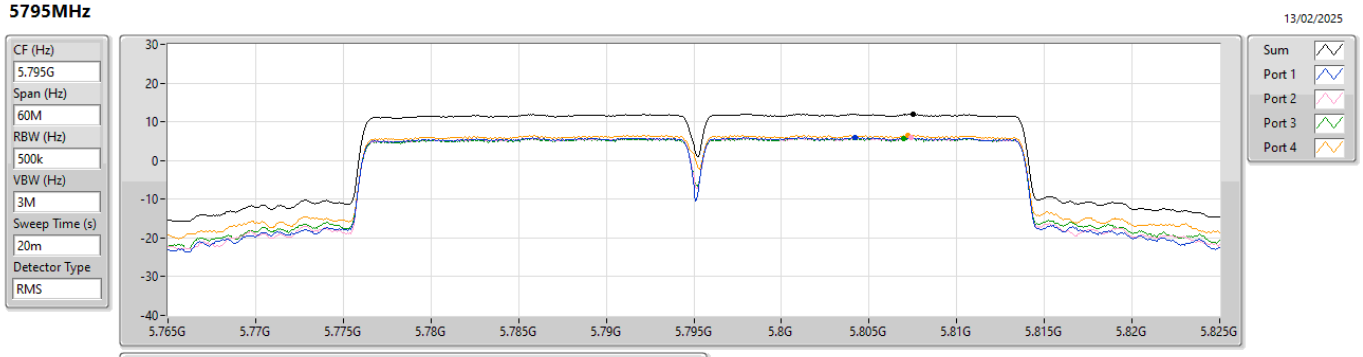
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.28	12.28	6.49	7.79	6.02	6.37

5.725-5.85GHz_QPSK_40MHz_Nss2,(MCS0)_4TX **PSD**

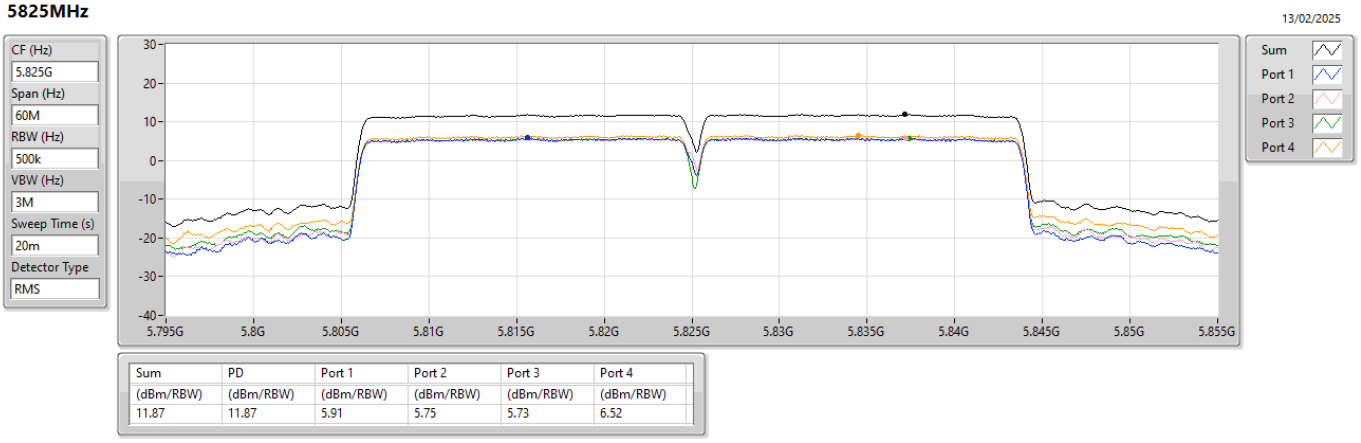
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.96	11.96	5.95	5.85	5.73	6.53

5.725-5.85GHz_QPSK_40MHz_Nss2,(MCS0)_4TX **PSD**

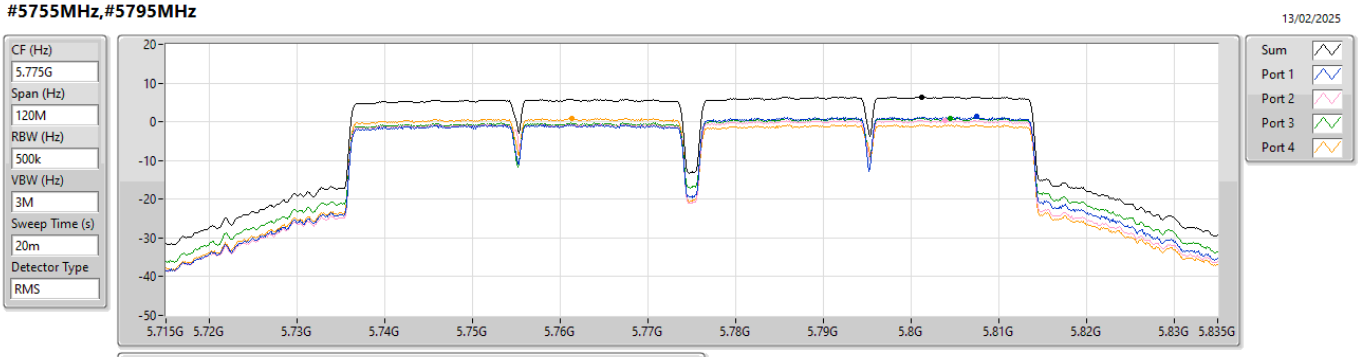
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.87	11.87	5.91	5.75	5.73	6.52

5.725-5.85GHz_QPSK40+40_40MHz_Nss2,(MCS0)_4TX **PSD**

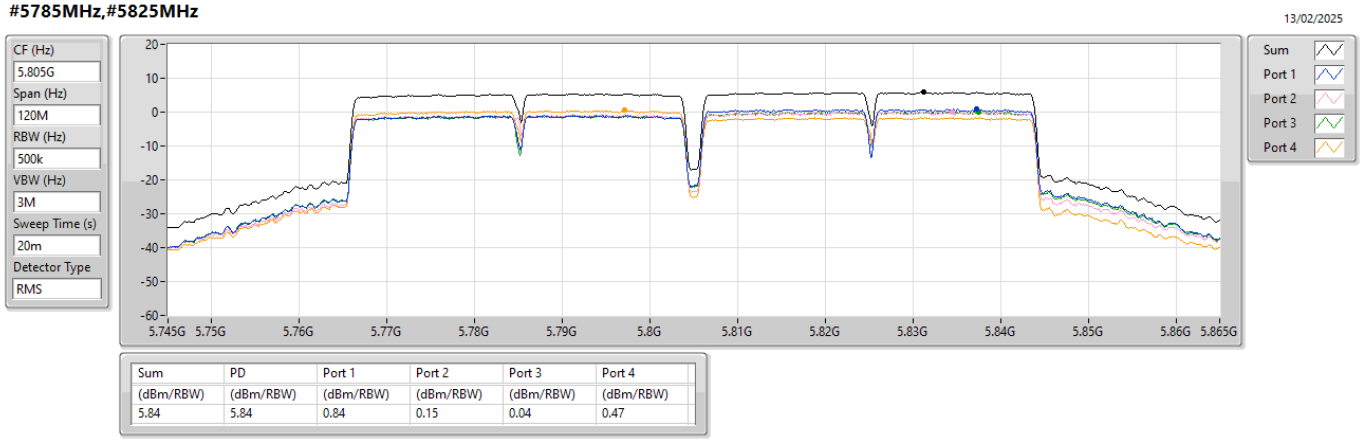
#5755MHz,#5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.45	6.45	1.27	0.36	0.96	0.91

5.725-5.85GHz_QPSK40+40_40MHz_Nss2,(MCS0)_4TX **PSD**

#5785MHz,#5825MHz

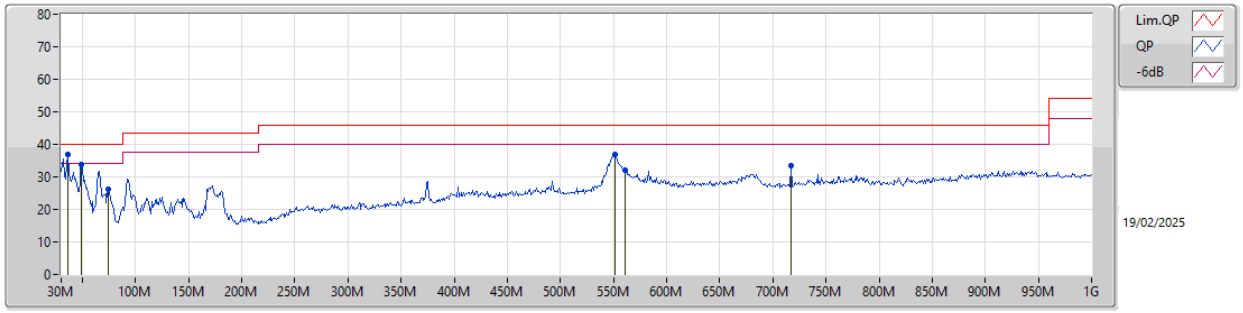


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.84	5.84	0.84	0.15	0.04	0.47

Summary

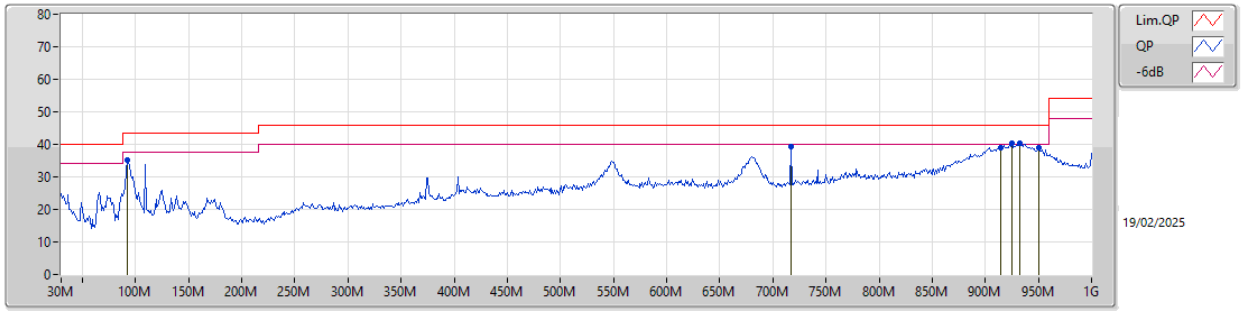
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	35.82M	36.89	40.00	-3.11	Vertical

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV)	(dB/m)	(dB)	(dB)
PK	35.82M	36.89	40.00	-3.11	-9.21	3	Vertical	198	1.50	"Worst"	46.10	21.27	1.02	31.50
PK	49.4M	33.84	40.00	-6.16	-15.91	3	Vertical	360	1.00	-	49.75	14.57	1.15	31.63
PK	74.62M	26.35	40.00	-13.65	-17.59	3	Vertical	140	2.00	-	43.94	12.76	1.36	31.71
PK	550.89M	36.95	46.00	-9.05	-3.93	3	Vertical	360	1.00	-	40.88	24.67	3.58	32.18
PK	560.59M	32.07	46.00	-13.93	-4.03	3	Vertical	351	1.00	-	36.10	24.54	3.62	32.19
PK	716.76M	33.46	46.00	-12.54	-3.28	3	Vertical	62	1.50	-	36.74	24.92	4.14	32.34

Mode 1



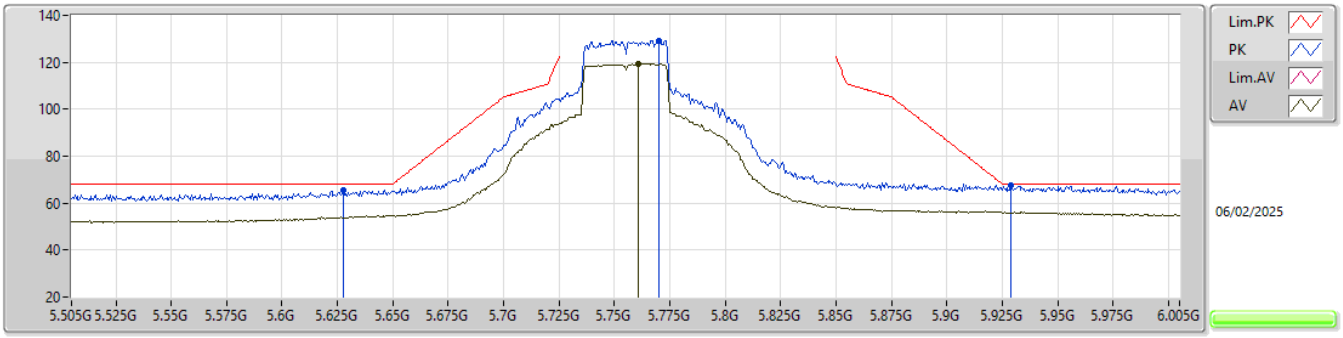
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV)	(dB/m)	(dB)	(dB)
PK	92.08M	35.20	43.50	-8.30	-14.86	3	Horizontal	242	2.00	-	50.06	15.40	1.48	31.74
PK	716.76M	39.38	46.00	-6.62	-3.28	3	Horizontal	199	1.00	-	42.66	24.92	4.14	32.34
PK	914.64M	39.07	46.00	-6.93	-1.27	3	Horizontal	208	1.25	-	40.34	26.38	4.70	32.35
PK	925.31M	40.18	46.00	-5.82	-1.18	3	Horizontal	216	1.25	-	41.36	26.42	4.73	32.33
PK	932.1M	40.27	46.00	-5.73	-1.15	3	Horizontal	202	1.25	"Worst"	41.42	26.44	4.74	32.33
PK	950.53M	38.88	46.00	-7.12	-0.89	3	Horizontal	133	1.25	-	39.77	26.62	4.79	32.30

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
QPSK_40MHz_Nss2,(MCS0)_4TX	Pass	PK	5.9385G	68.10	68.20	-0.10	3	Vertical	358	1.70	-

5.725-5.85GHz_QPSK_40MHz_Nss2,(MCS0)_4TX

5755MHz_TX

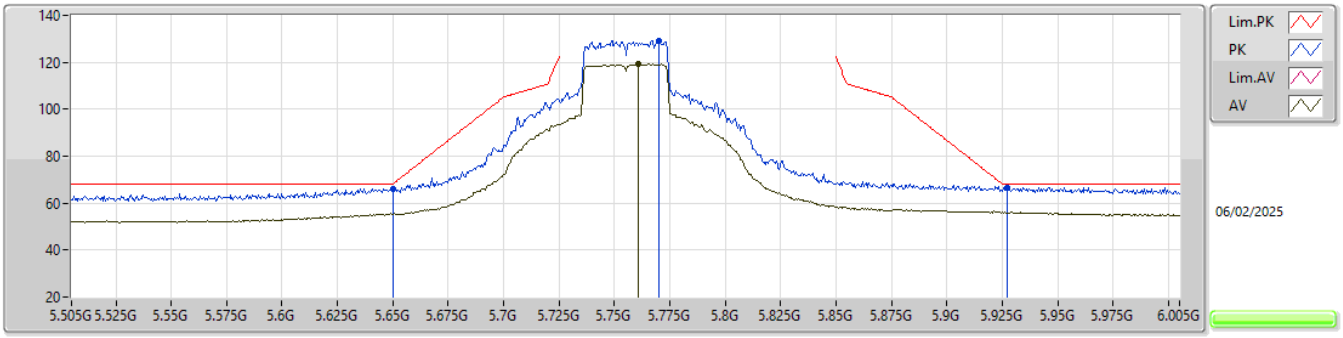


EUT Y_4TX
ATT Setting 6
04-V-E-2-20
SN38 R0D
微調 8/8/8.5/9

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6275G	65.35	68.20	-2.85	71.66	3	Vertical	356	1.80	-	31.71	5.55	43.57
PK	5.77G	129.35	Inf	-Inf	135.12	3	Vertical	356	1.80	-	32.10	5.56	43.43
AV	5.761G	119.46	Inf	-Inf	125.24	3	Vertical	356	1.80	-	32.10	5.56	43.44
PK	5.929G	67.72	68.20	-0.48	73.05	3	Vertical	356	1.80	-	32.30	5.64	43.27

5.725-5.85GHz_QPSK_40MHz_Nss2,(MCS0)_4TX

5755MHz_TX

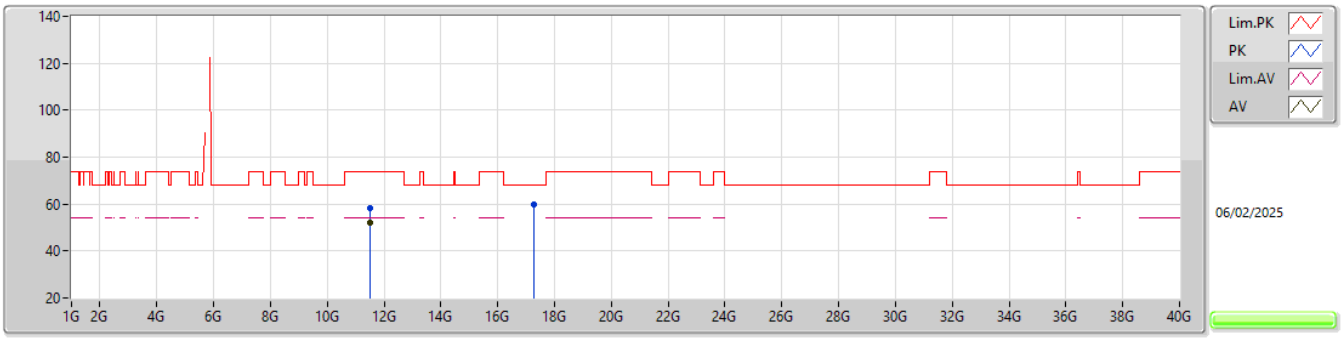


EUT Y_4TX
ATT Setting 6
04-V-E-2-20
SN38 R0D
微調 8/8/8.5/9

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.65G	66.27	68.20	-1.93	72.47	3	Horizontal	1.4	1.80	-	31.80	5.55	43.55
PK	5.77G	129.10	Inf	-Inf	134.87	3	Horizontal	1.4	1.80	-	32.10	5.56	43.43
AV	5.761G	119.21	Inf	-Inf	124.99	3	Horizontal	1.4	1.80	-	32.10	5.56	43.44
PK	5.9275G	66.67	68.20	-1.53	72.00	3	Horizontal	1.4	1.80	-	32.30	5.64	43.27

5.725-5.85GHz_QPSK_40MHz_Nss2,(MCS0)_4TX

5755MHz_TX

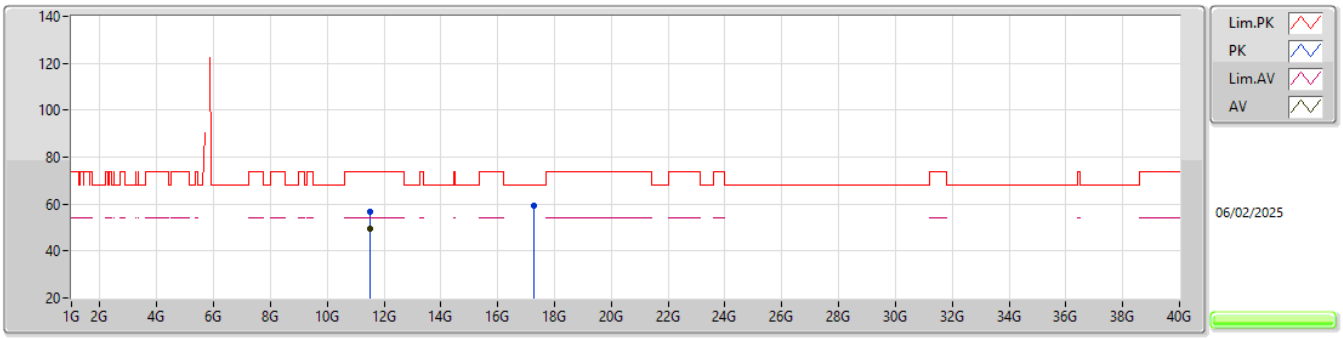


EUT Y_4TX
ATT Setting 6
04-V-E-2
SN38 R0D
微調 8/8/8.5/9

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.51033G	58.17	74.00	-15.83	50.46	3	Vertical	67	2.53	-	39.98	10.48	42.75
AV	11.51072G	52.23	54.00	-1.77	44.53	3	Vertical	67	2.53	-	39.98	10.48	42.76
PK	17.27088G	59.78	68.20	-8.42	45.57	3	Vertical	58	1.80	-	40.64	16.39	42.82

5.725-5.85GHz_QPSK_40MHz_Nss2,(MCS0)_4TX

5755MHz_TX

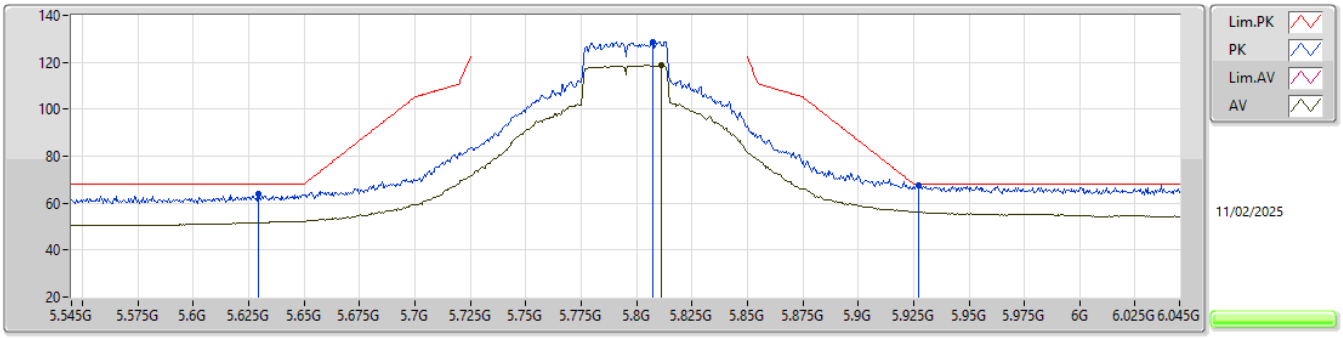


EUT Y_4TX
ATT Setting 6
04-V-E-2
SN38 R0D
微調 8/8/8.5/9

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.51054G	56.90	74.00	-17.10	49.19	3	Horizontal	83	1.80	-	39.98	10.48	42.75
AV	11.51069G	49.24	54.00	-4.76	41.54	3	Horizontal	83	1.80	-	39.98	10.48	42.76
PK	17.26053G	59.45	68.20	-8.75	45.24	3	Horizontal	257	2.41	-	40.62	16.39	42.80

5.725-5.85GHz_QPSK_40MHz_Nss2,(MCS0)_4TX

5795MHz_TX

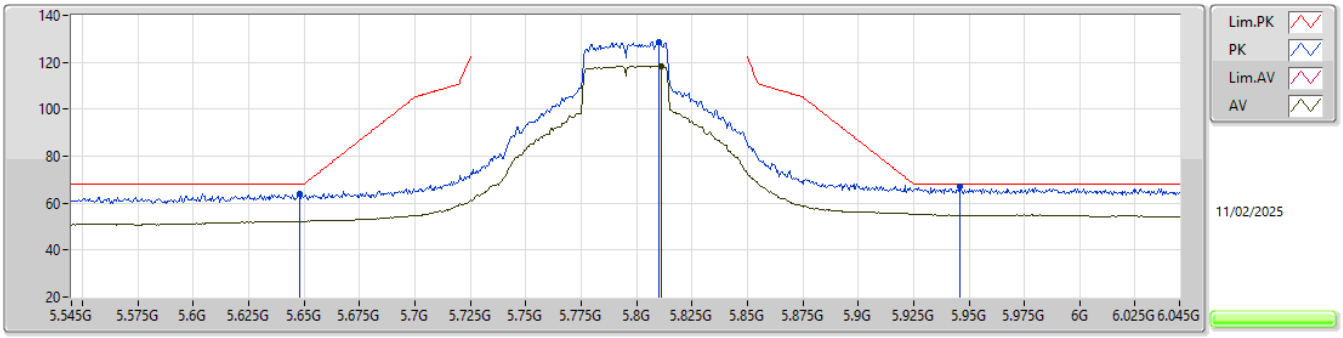


EUT Y_4TX
Setting 12
05-L-E-6-13
SN38 R0D
微調 10.3/10.3/10.8/11.8

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	5.6295G	63.80	68.20	-4.40	57.85	3	Vertical	356	1.80	-	33.02	8.40	35.47
PK	5.8075G	128.69	Inf	-Inf	121.85	3	Vertical	356	1.80	-	33.93	8.45	35.54
AV	5.811G	118.82	Inf	-Inf	111.97	3	Vertical	356	1.80	-	33.94	8.45	35.54
PK	5.9275G	67.67	68.20	-0.53	60.44	3	Vertical	356	1.80	-	34.30	8.51	35.58

5.725-5.85GHz_QPSK_40MHz_Nss2,(MCS0)_4TX

5795MHz_TX

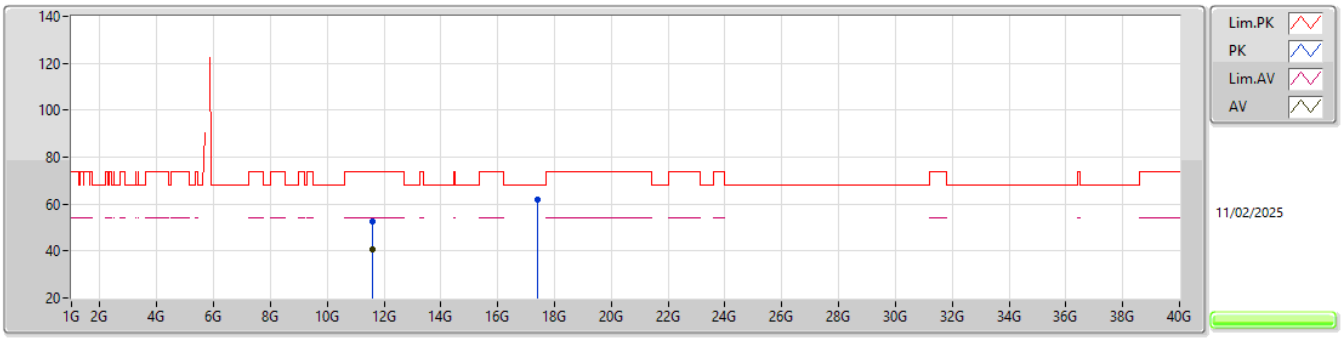


EUT Y_4TX
Setting 12
05-L-E-6-13
SN38 R0D
微調 10.3/10.3/10.8/11.8

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	5.648G	64.09	68.20	-4.11	58.08	3	Horizontal	360.1	1.80	-	33.09	8.40	35.48
PK	5.81G	128.59	Inf	-Inf	121.74	3	Horizontal	360.1	1.80	-	33.94	8.45	35.54
AV	5.811G	118.52	Inf	-Inf	111.67	3	Horizontal	360.1	1.80	-	33.94	8.45	35.54
PK	5.946G	67.20	68.20	-1.00	59.97	3	Horizontal	360.1	1.80	-	34.30	8.52	35.59

5.725-5.85GHz_QPSK_40MHz_Nss2,(MCS0)_4TX

5795MHz_TX

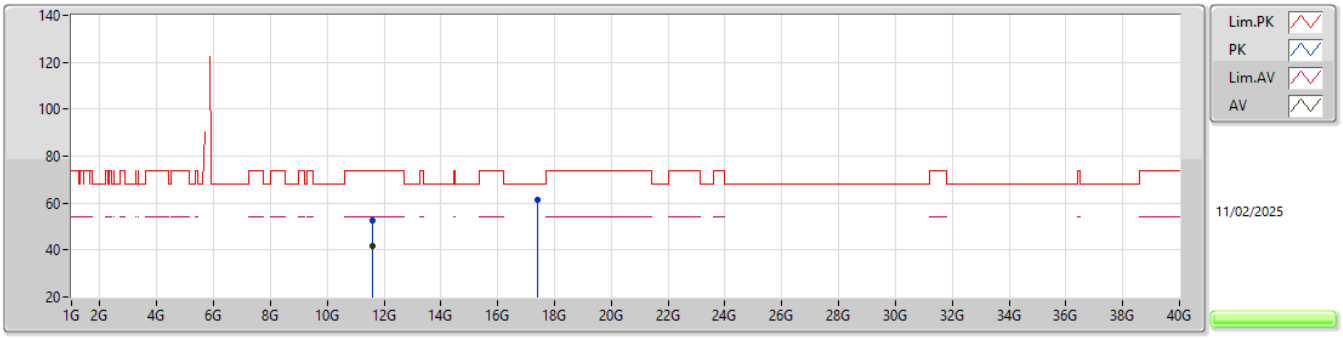


EUT Y_4TX
Setting 12
05-L-E-6
SN38 R0D
微調 10.3/10.3/10.8/11.8

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	11.59018G	52.48	74.00	-21.52	35.02	3	Vertical	18	2.33	-	38.64	11.91	33.09
AV	11.59065G	40.51	54.00	-13.49	23.05	3	Vertical	18	2.33	-	38.64	11.91	33.09
PK	17.38338G	61.80	68.20	-6.40	40.89	3	Vertical	0	1.80	-	39.07	14.98	33.14

5.725-5.85GHz_QPSK_40MHz_Nss2,(MCS0)_4TX

5795MHz_TX

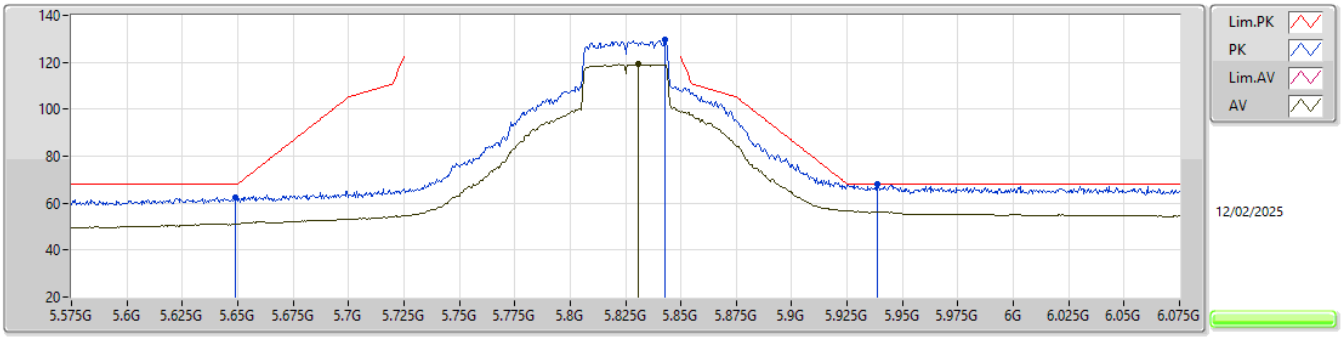


EUT Y_4TX
Setting 12
05-L-E-6
SN38 R0D
微調 10.3/10.3/10.8/11.8

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	11.5908G	52.77	74.00	-21.23	35.31	3	Horizontal	232	1.80	-	38.64	11.91	33.09
AV	11.59059G	41.78	54.00	-12.22	24.32	3	Horizontal	232	1.80	-	38.64	11.91	33.09
PK	17.3863G	61.48	68.20	-6.72	40.57	3	Horizontal	164	1.98	-	39.07	14.98	33.14

5.725-5.85GHz_QPSK_40MHz_Nss2,(MCS0)_4TX

5825MHz_TX

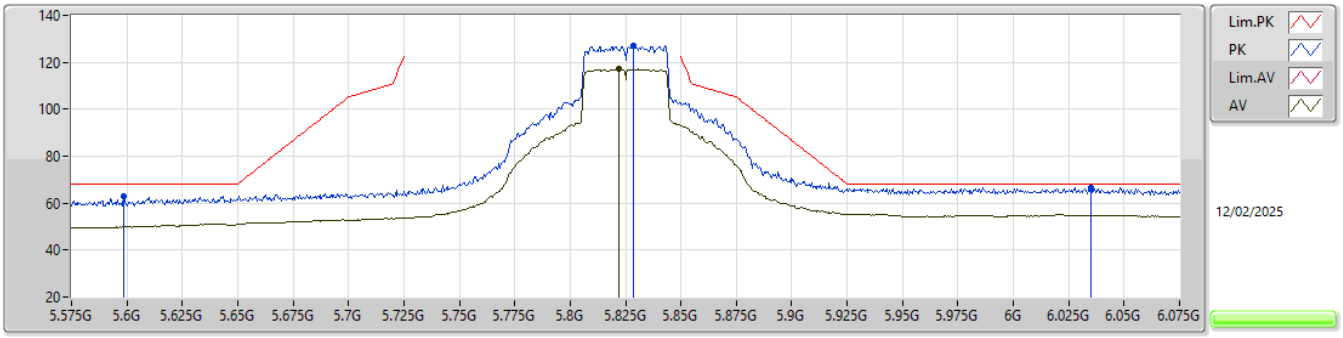


EUT Y_4TX
Setting 12
05-L-E-6-13
SN38 R0D
微調 8.8/8.8/9.3/10.3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.649G	62.61	68.20	-5.59	52.99	3	Vertical	358	1.70	-	33.10	8.40	31.88
PK	5.843G	129.52	Inf	-Inf	118.92	3	Vertical	358	1.70	-	34.07	8.47	31.94
AV	5.831G	119.17	Inf	-Inf	108.63	3	Vertical	358	1.70	-	34.02	8.46	31.94
PK	5.9385G	68.10	68.20	-0.10	57.26	3	Vertical	358	1.70	-	34.30	8.51	31.97

5.725-5.85GHz_QPSK_40MHz_Nss2,(MCS0)_4TX

5825MHz_TX

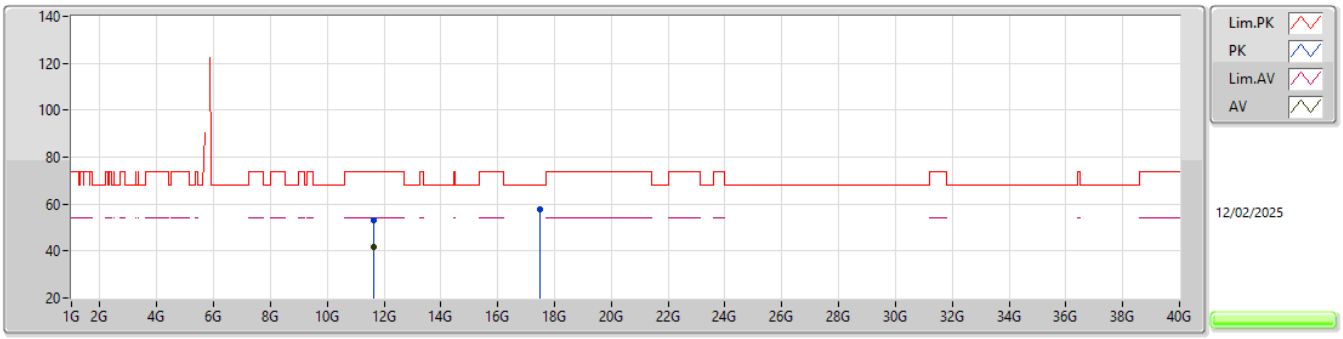


EUT Y_4TX
Setting 12
05-L-E-6-13
SN38 R0D
微調 8.8/8.8/9.3/10.3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.5985G	62.97	68.20	-5.23	53.54	3	Horizontal	0	1.65	-	32.90	8.39	31.86
PK	5.8285G	126.87	Inf	-Inf	116.34	3	Horizontal	0	1.65	-	34.01	8.46	31.94
AV	5.822G	117.05	Inf	-Inf	106.53	3	Horizontal	0	1.65	-	33.99	8.46	31.93
PK	6.035G	66.66	68.20	-1.54	55.80	3	Horizontal	0	1.65	-	34.27	8.55	31.96

5.725-5.85GHz_QPSK_40MHz_Nss2,(MCS0)_4TX

5825MHz_TX

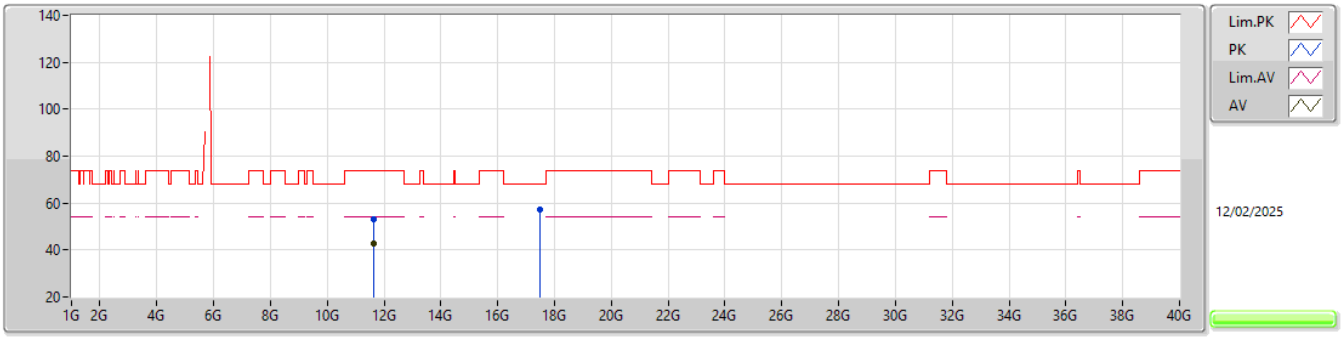


EUT Y_4TX
Setting 12
05-L-E-6
SN38 R0D
微調 8.8/8.8/9.3/10.3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.65055G	52.88	74.00	-21.12	35.58	3	Vertical	205	1.55	-	38.50	11.94	33.14
AV	11.6506G	41.62	54.00	-12.38	24.32	3	Vertical	205	1.55	-	38.50	11.94	33.14
PK	17.47614G	57.55	68.20	-10.65	36.67	3	Vertical	303	2.48	-	39.10	15.02	33.24

5.725-5.85GHz_QPSK_40MHz_Nss2,(MCS0)_4TX

5825MHz_TX

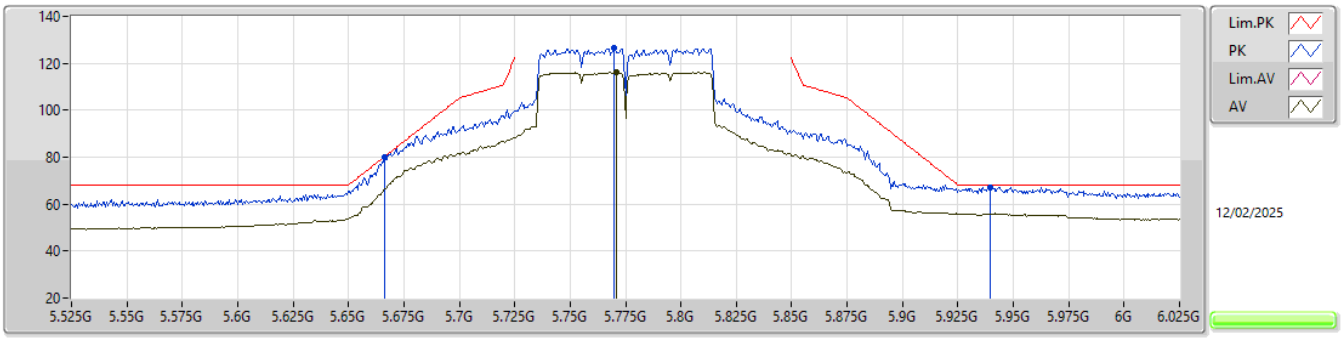


EUT Y_4TX
Setting 12
05-L-E-6
SN38 R0D
微調 8.8/8.8/9.3/10.3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.64754G	53.00	74.00	-21.00	35.70	3	Horizontal	220	1.60	-	38.50	11.94	33.14
AV	11.65066G	42.61	54.00	-11.39	25.31	3	Horizontal	220	1.60	-	38.50	11.94	33.14
PK	17.47328G	57.01	68.20	-11.19	36.12	3	Horizontal	293	1.48	-	39.10	15.02	33.23

5.725-5.85GHz_QPSK 40+40_40MHz_Nss2_4TX

#5755MHz,#5795MHz_TX

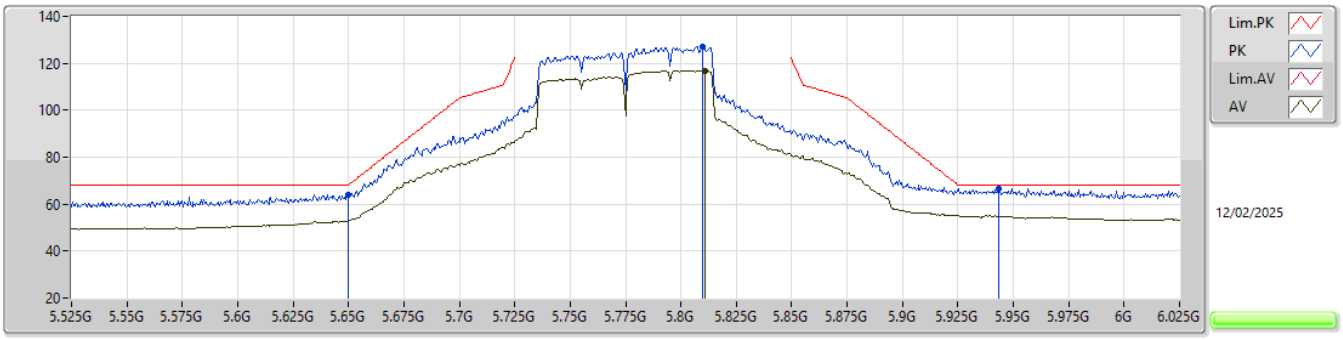


EUT Y_4TX
Setting 15
05-L-E-6-10
SN38 R0D
微調 9.8/9.3/10.8/9.3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6665G	80.10	80.41	-0.31	70.34	3	Vertical	356	1.75	-	33.23	8.41	31.88
PK	5.77G	126.34	Inf	-Inf	116.10	3	Vertical	356	1.75	-	33.72	8.44	31.92
AV	5.771G	116.14	Inf	-Inf	105.89	3	Vertical	356	1.75	-	33.73	8.44	31.92
PK	5.9395G	67.25	68.20	-0.95	56.41	3	Vertical	356	1.75	-	34.30	8.51	31.97

5.725-5.85GHz_QPSK 40+40_40MHz_Nss2_4TX

#5755MHz,#5795MHz_TX

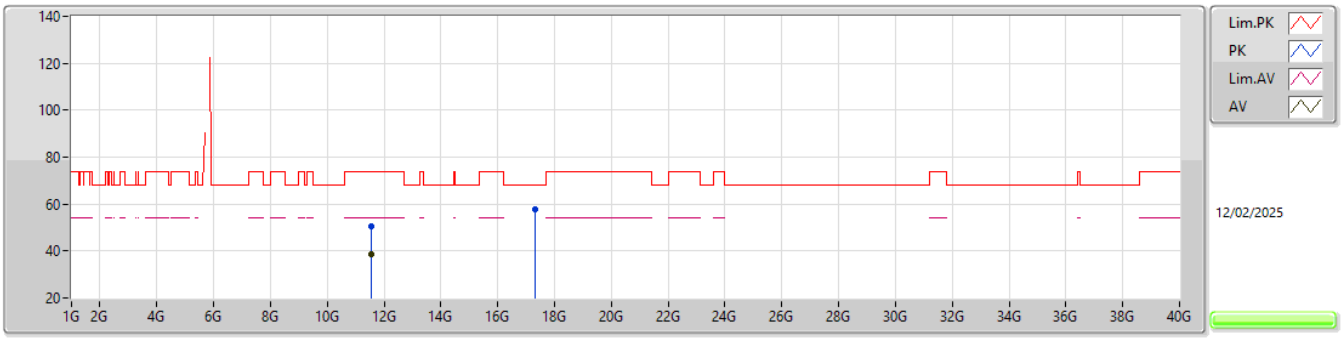


EUT Y_4TX
Setting 15
05-L-E-6-10
SN38 R0D
微調 9.8/9.3/10.8/9.3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.65G	63.92	68.20	-4.28	54.29	3	Horizontal	0	1.68	-	33.10	8.41	31.88
PK	5.81G	127.04	Inf	-Inf	116.58	3	Horizontal	0	1.68	-	33.94	8.45	31.93
AV	5.811G	116.97	Inf	-Inf	106.51	3	Horizontal	0	1.68	-	33.94	8.45	31.93
PK	5.9435G	66.76	68.20	-1.44	55.92	3	Horizontal	0	1.68	-	34.30	8.51	31.97

5.725-5.85GHz_QPSK 40+40_40MHz_Nss2_4TX

#5755MHz,#5795MHz_TX

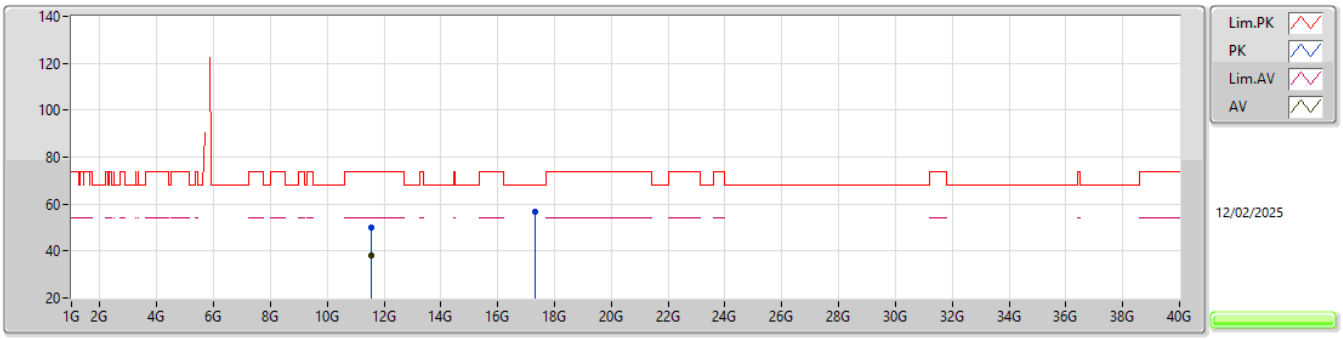


EUT Y_4TX
Setting 15
05-L-E-6
SN38 R0D
微調 9.8/9.3/10.8/9.3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.55004G	50.67	74.00	-23.33	33.03	3	Vertical	120	1.14	-	38.80	11.89	33.05
AV	11.54771G	38.40	54.00	-15.60	20.75	3	Vertical	120	1.14	-	38.81	11.89	33.05
PK	17.32741G	57.86	68.20	-10.34	37.08	3	Vertical	19	1.95	-	38.91	14.95	33.08

5.725-5.85GHz_QPSK 40+40_40MHz_Nss2_4TX

#5755MHz,#5795MHz_TX

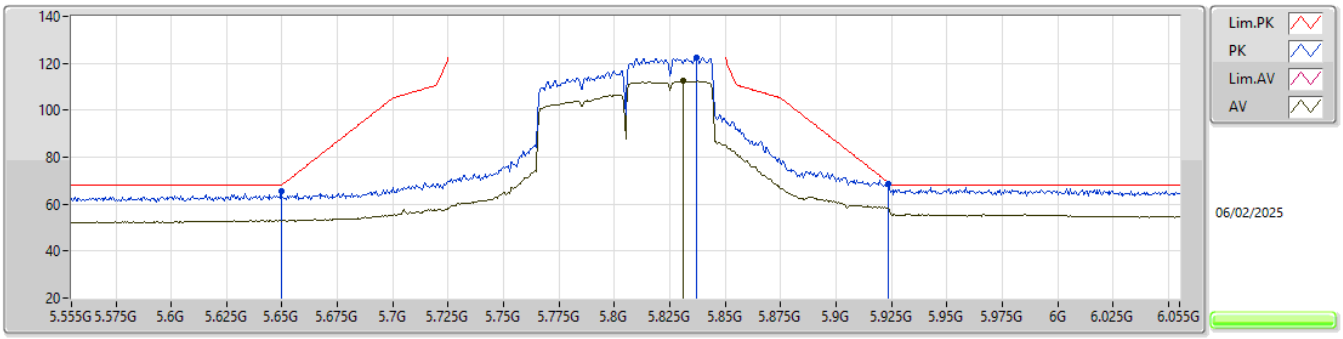


EUT Y_4TX
Setting 15
05-L-E-6
SN38 R0D
微調 9.8/9.3/10.8/9.3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.5503G	50.11	74.00	-23.89	32.47	3	Horizontal	152	1.26	-	38.80	11.89	33.05
AV	11.5475G	37.95	54.00	-16.05	20.30	3	Horizontal	152	1.26	-	38.81	11.89	33.05
PK	17.3244G	56.90	68.20	-11.30	36.13	3	Horizontal	215	2.23	-	38.90	14.95	33.08

5.725-5.85GHz_QPSK 40+40_40MHz_Nss2_4TX

#5785MHz,#5825MHz_TX

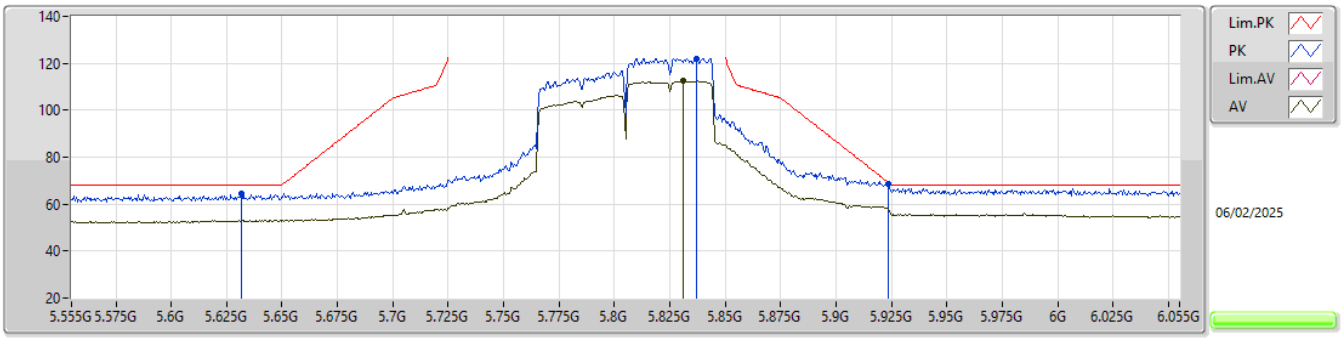


EUT Y_4TX
ATT Setting 15
04-V-E-2-20
SN38 R0D
微調 9/8.5/8.5/8

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	5.6495G	65.35	68.20	-2.85	71.55	3	Vertical	357	1.80	-	31.80	5.55	43.55
PK	5.837G	122.19	Inf	-Inf	127.87	3	Vertical	357	1.80	-	32.10	5.58	43.36
AV	5.831G	112.48	Inf	-Inf	118.17	3	Vertical	357	1.80	-	32.10	5.58	43.37
PK	5.9235G	68.67	69.31	-0.64	74.01	3	Vertical	357	1.80	-	32.30	5.64	43.28

5.725-5.85GHz_QPSK 40+40_40MHz_Nss2_4TX

#5785MHz,#5825MHz_TX

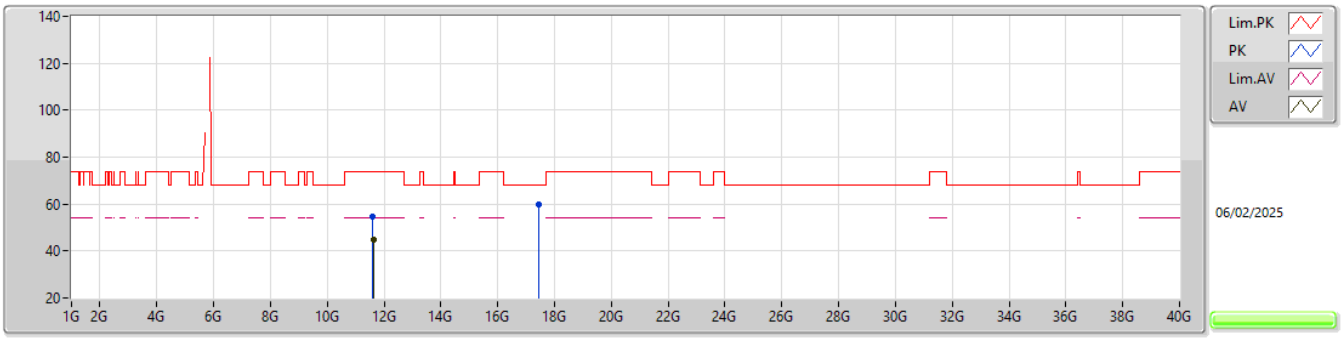


EUT Y_4TX
ATT Setting 15
04-V-E-2-20
SN38 R0D
微調 9/8.5/8.5/8

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	5.6315G	64.56	68.20	-3.64	70.85	3	Horizontal	357	1.80	-	31.73	5.55	43.57
PK	5.837G	122.15	Inf	-Inf	127.83	3	Horizontal	357	1.80	-	32.10	5.58	43.36
AV	5.831G	112.45	Inf	-Inf	118.14	3	Horizontal	357	1.80	-	32.10	5.58	43.37
PK	5.9235G	68.55	69.31	-0.76	73.89	3	Horizontal	357	1.80	-	32.30	5.64	43.28

5.725-5.85GHz_QPSK 40+40_40MHz_Nss2_4TX

#5785MHz,#5825MHz_TX

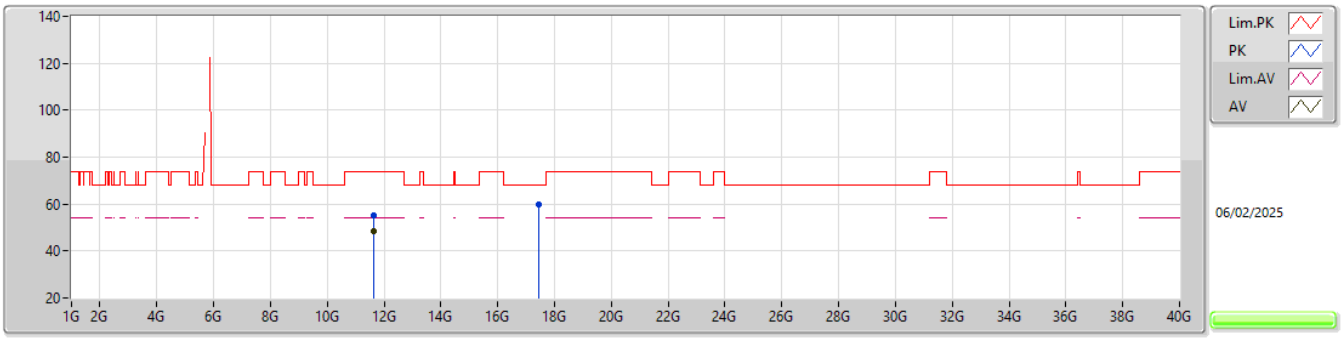


EUT Y_4TX
ATT Setting 15
04-V-E-2
SN38 R0D
微調 9/8.5/8.5/8

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	11.5798G	54.68	74.00	-19.32	47.22	3	Vertical	151	1.80	-	39.78	10.53	42.85
AV	11.6508G	44.62	54.00	-9.38	37.49	3	Vertical	151	1.80	-	39.50	10.58	42.95
PK	17.4348G	59.67	68.20	-8.53	44.38	3	Vertical	177	1.80	-	41.91	16.46	43.08

5.725-5.85GHz_QPSK 40+40_40MHz_Nss2_4TX

#5785MHz,#5825MHz_TX



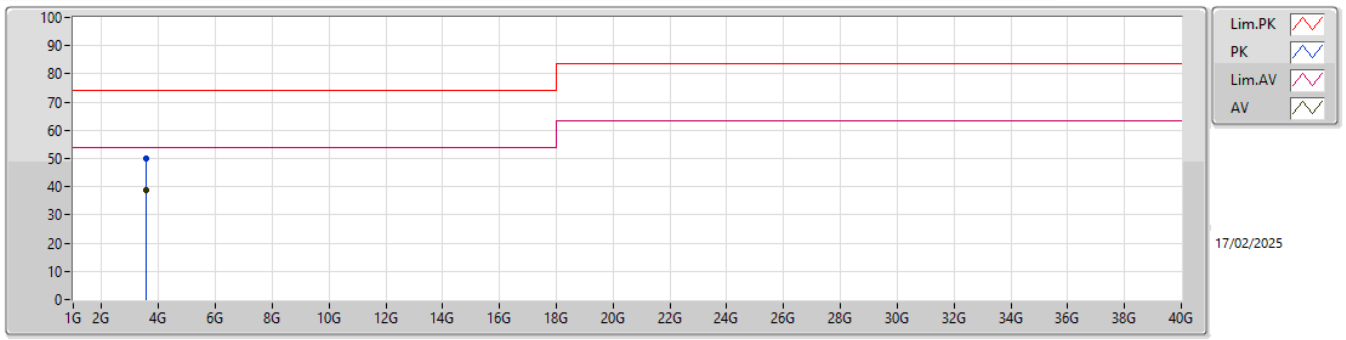
EUT Y_4TX
ATT Setting 15
04-V-E-2
SN38 R0D
微調 9/8.5/8.5/8

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	11.6506G	55.31	74.00	-18.69	48.18	3	Horizontal	126	2.85	-	39.50	10.58	42.95
AV	11.6508G	48.40	54.00	-5.60	41.27	3	Horizontal	126	2.85	-	39.50	10.58	42.95
PK	17.4392G	60.06	68.20	-8.14	44.74	3	Horizontal	65	1.80	-	41.94	16.46	43.08

Summary

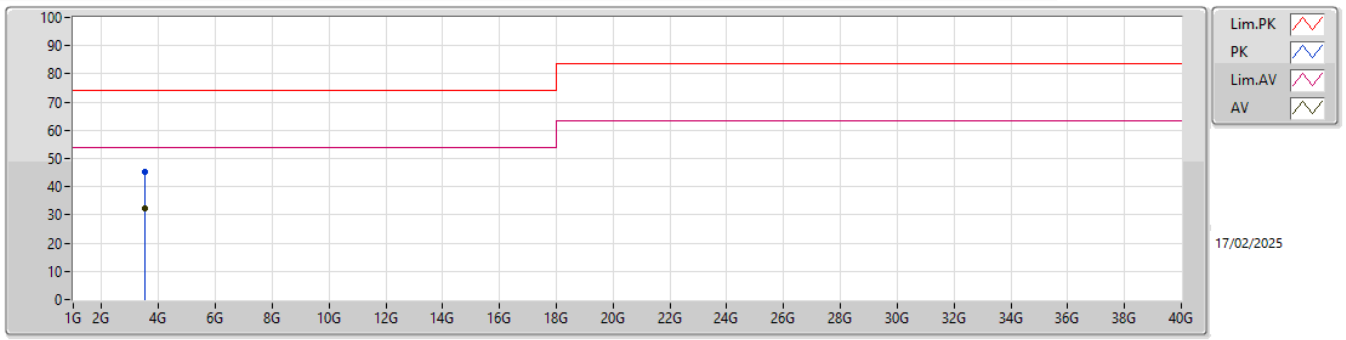
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	3.54996G	38.80	54.00	-15.20	Vertical

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV)	(dB/m)	(dB)	(dB)
PK	3.552G	49.91	74.00	-24.09	0.66	3	Vertical	32	2.50	-	49.25	29.60	7.32	36.26
AV	3.54996G	38.80	54.00	-15.20	0.65	3	Vertical	32	2.50	-	38.15	29.60	7.31	36.26

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV)	(dB/m)	(dB)	(dB)
PK	3.513G	45.11	74.00	-28.89	0.55	3	Horizontal	0.1	1.00	-	44.56	29.60	7.26	36.31
AV	3.51222G	32.42	54.00	-21.58	0.54	3	Horizontal	0.1	1.00	-	31.88	29.60	7.25	36.31