

FCC Test Report

FCC ID : 2ADB4-KF01
Equipment : Key fob
Brand Name : 
Model Name : KF01
Applicant : Foxconn Interconnect Technology
Limited Taiwan Branch
No. 66-1, JHONGSHAN RD., TUCHENG
DIST., NEW TAIPEI CITY 23680, Taiwan
Manufacturer : NEW WING INTERCONNECT
TECHNOLOGY (BAC GIANG) CO., LTD.
Van Trung Industrial Park, Nenh Ward,
Bac Ninh Province, 236355, Vietnam
Standard : 47 CFR FCC Part 15.519

The product was received on Mar. 16, 2026, and testing was started from Apr. 03, 2026 and completed on May 27, 2026. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2020 + Cor.1-2023 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. Hsinhua Laboratory, the test report shall not be reproduced except in full.


Approved by: Ben Tseng

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)



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History of this test report

Report No.	Version	Description	Issued Date
FR621175	01	Initial issue of report	May 13, 2026
FR621175	02	Revise typo This report is the latest version replacing for the report issued on May 13, 2026	Jun. 01, 2026
FR621175	03	Revise typo This report is the latest version replacing for the report issued on Jun. 01, 2026	Jun. 11, 2026
FR621175	04	Revise typo This report is the latest version replacing for the report issued on Jun. 11, 2026	Jun. 18, 2026



Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
-	15.207	AC Power-line Conducted Emissions	Not Required	Only Employ battery power
3.1	15.503 (d) /15.519(b)	UWB Bandwidth	PASS	-
3.2	15.203	Cessation Time	PASS	-
3.3	15.519(e)	Peak Emissions within a 50 MHz Bandwidth	PASS	-
3.4	15.519(c) /15.519(d)	Radiated Emissions	PASS	-

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and explanations:

None

Reviewed by: Barry Hsiao

Report Producer: Wendy Chen



1 General Description

1.1 Information

1.1.1 RF General Information

RF General Information					
Frequency Range (GHz)	Mode	Ch. Freq. (GHz)	Channel Number	Transmit Chains (N _{TX})	EIRP (dBm/50MHz)
3.1-10.6	UWB	7.9872	9	1	-2.71
Note 1: TransferJet uses IEEE 802.15.4z HRP-UWB + BPSK modulation.					

Band	Mode	BWch (MHz)	Nant
3.1-10.6GHz	Ultra Wide Band	607.299	1TX

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	Foxconn	ANT3216LL10R6580V	PCB	N/A	-1

For UWB function:

Ant. 1 (port 1) could transmit/receive.

For BT function:

Ant. 1 (port 1) could transmit/receive.

1.1.3 Type of EUT

Operational Condition	
EUT Power Type	From Battery
Type of EUT	
☒	Stand-alone
☐	Combined (EUT where the radio part is fully integrated within another device) Combined Equipment - Brand Name / Model No.: ...
☐	Plug-in radio (EUT intended for a variety of host systems) Host System - Brand Name / Model No.: ...
☐	Other:

1.1.4 Test Signal Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
Ultra Wide Band	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.



1.2 Testing Applied 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 C63.10-2020 + Cor.1-2023

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

- ♦ KDB 393764 D01 v02r01
- ♦ KDB 412172 D01 v01r01

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Radiated (above 1G)	03CH02-HY	Daniel Lin	21.7~22.8°C / 54~58%	03/Apr/2026~27/May/2026
Radiated (below 1G)	03CH02-HY	Daniel Lin	21.7~22.4°C / 54~56%	03/Apr/2026~10/Apr/2026
☐ Wen 33rd. St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787		FAX: 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
UWB Bandwidth	0.05 MHz	Confidence levels of 95%
Unwanted Emissions (9 kHz ~ 30 MHz)	2.9 dB	Confidence levels of 95%
Unwanted Emissions (30 MHz ~ 1 GHz)	5.64 dB	Confidence levels of 95%
Unwanted Emissions (1 GHz ~ 18 GHz)	5.02 dB	Confidence levels of 95%
Unwanted Emissions (18 GHz ~ 40 GHz)	5.28 dB	Confidence levels of 95%

The EUT support table is constructed of high-density Expandable Polystyrene (EPS) with dimensions of 180 cm × 90 cm.

The Measurement Uncertainty (MU) report is prepared in accordance with CISPR 16-4-2:2011-06; the potential impact of the setup table material has been evaluated and included as a component of the overall uncertainty value.

2 Test Configuration of EUT

2.1 Test Condition

RF Conducted	Abbreviation	Remark
TX	Tnom	20°C
-	Vnom	3V

2.2 The Worst Case Configuration

Worst Modulation Used for Conformance Testing		
Mode	Transmit Chains (N _{TX})	Test Channel Frequencies (GHz)
UWB	1	7.9872

2.3 The Worst Case Power Setting Parameter

Test Software Version	QCOM_V1.6
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Mode	Power Setting
Ultra Wide Band_Nss1,(HRP)_1TX	-
7.9872GHz	00

2.4 The Worst Case Measurement Configuration

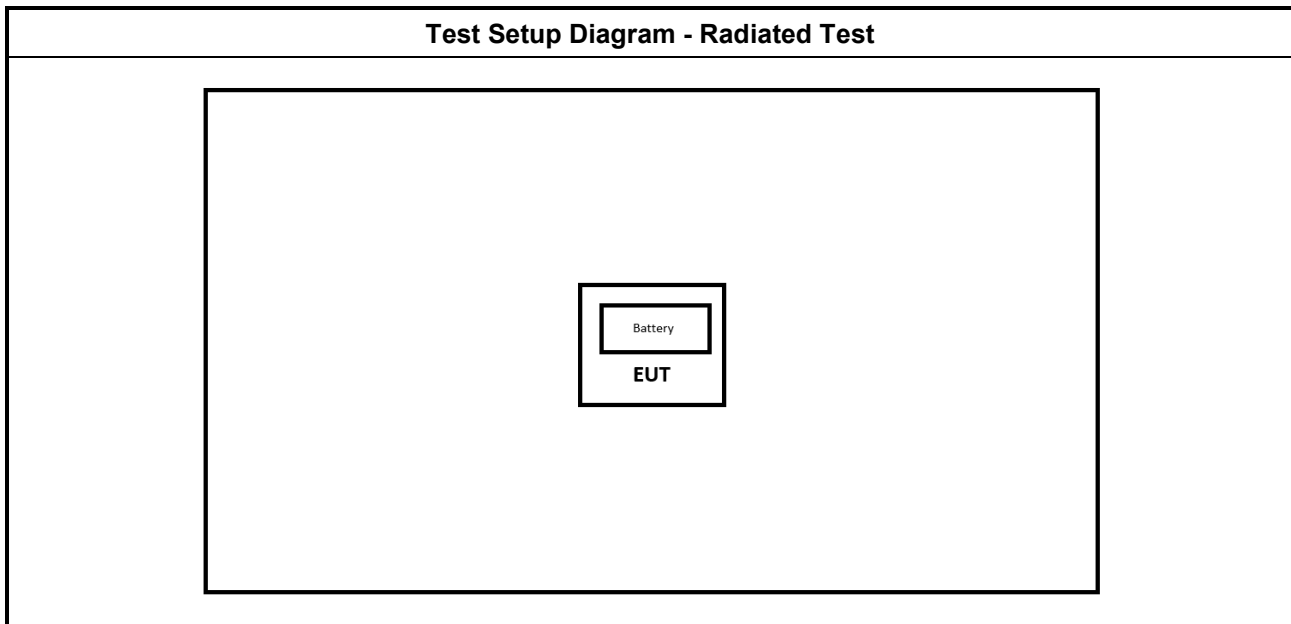
The Worst Case Mode for Following Conformance Tests			
Tests Item	UWB Bandwidth, Peak Emissions within a 50 MHz Bandwidth, Radiated Emissions		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.		
Operating Mode	CTX		
1	Battery Mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT			V

2.5 Accessories

Accessories				
Battery	Brand Name	Panasonic	Model Name	CR2450
	Power Rating	3V	Type	Li-ion, Not

Reminder: Regarding to more detail and other information, please refer to user manual.

2.6 Test Setup Diagram



3 Transmitter Test Result

3.1 UWB bandwidth

3.1.1 UWB bandwidth Limit

UWB bandwidth Limit	
☒	UWB bandwidth ≥ 500 MHz or Fractional bandwidth ≥ 0.2 ; Fractional bandwidth = $2(f_H - f_L) / (f_H + f_L)$
☒	The UWB bandwidth of a UWB system operating under the provisions of this section must be contained between 3100 MHz and 10,600 MHz.

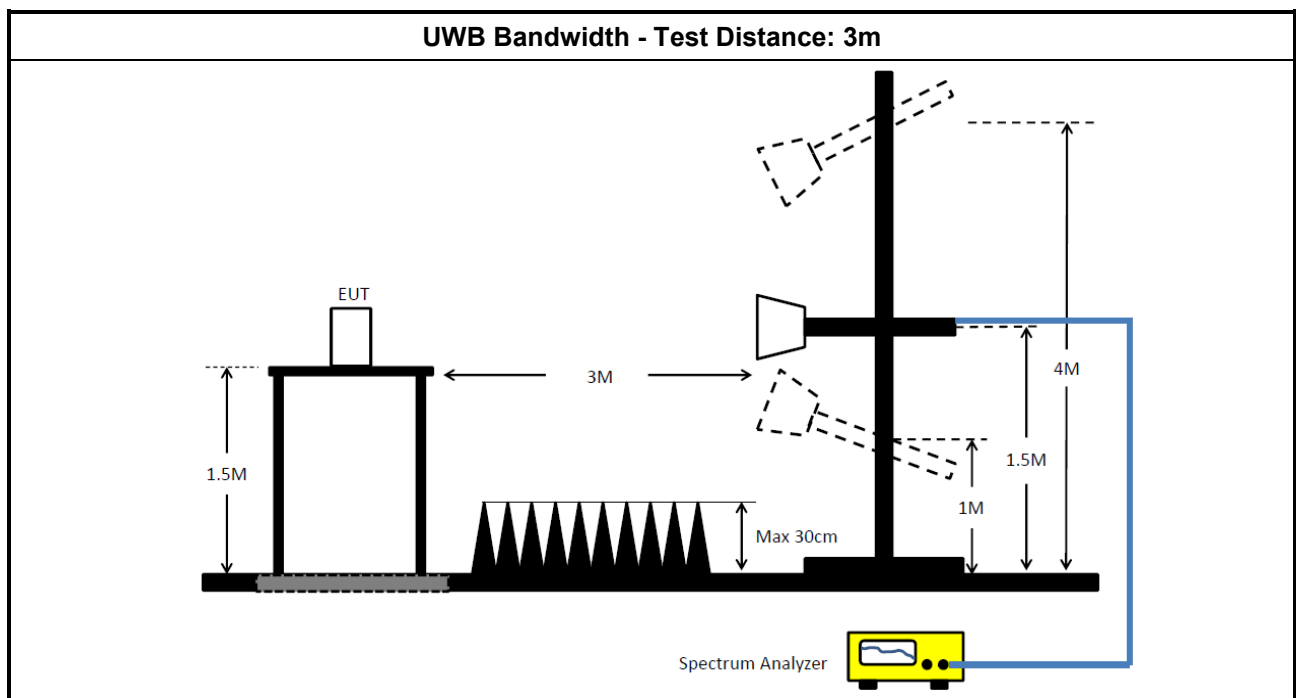
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method	
☒	For the UWB bandwidth shall be measured using one of the options below:
☒	Refer as ANSI C63.10, clause 6.9.3 and clause 10.1 for UWB bandwidth testing.

3.1.4 Test Setup



3.1.5 Test Result of UWB Bandwidth

Refer as Appendix A

3.2 Cessation Time

3.2.1 Cessation Time Limit

Cessation Limit	
☒	A UWB device operating under the provisions of this section shall transmit only when it is sending information to an associated receiver. The UWB intentional radiator shall cease transmission within 10 seconds unless it receives an acknowledgement from the associated receiver that its transmission is being received. An acknowledgment of reception must continue to be received by the UWB intentional radiator at least every 10 seconds or the UWB device must cease transmitting.

3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

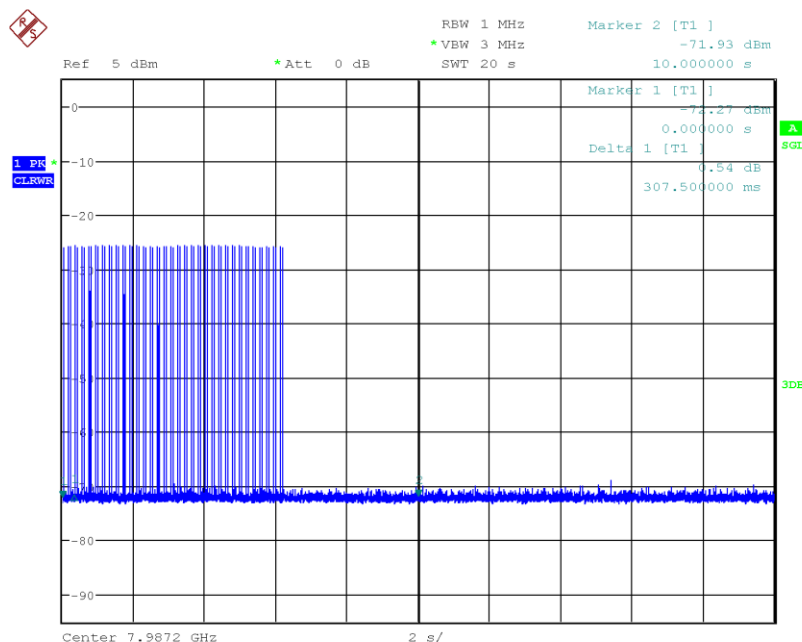
*Initiator = EUT

*Responder = associated receiver

Transmissions are monitored by the case below:

The initiator and responder was connected, and UWB linked. Then the responder ended the UWB link.

3.2.4 Test Result of Cessation Time



Date: 24.MAR.2026 17:31:28

The responder ended the link, initiator stopped acknowledgements but was continuously polling. Responder ceased transmissions, and not responded to polling signals.

3.3 Peak Emissions within a 50 MHz Bandwidth

3.3.1 Peak Emissions within a 50 MHz Bandwidth Limit

Peak Emissions within a 50 MHz Bandwidth Limit
$P_{\text{eirp}} = 0 \text{ dBm/50MHz}$

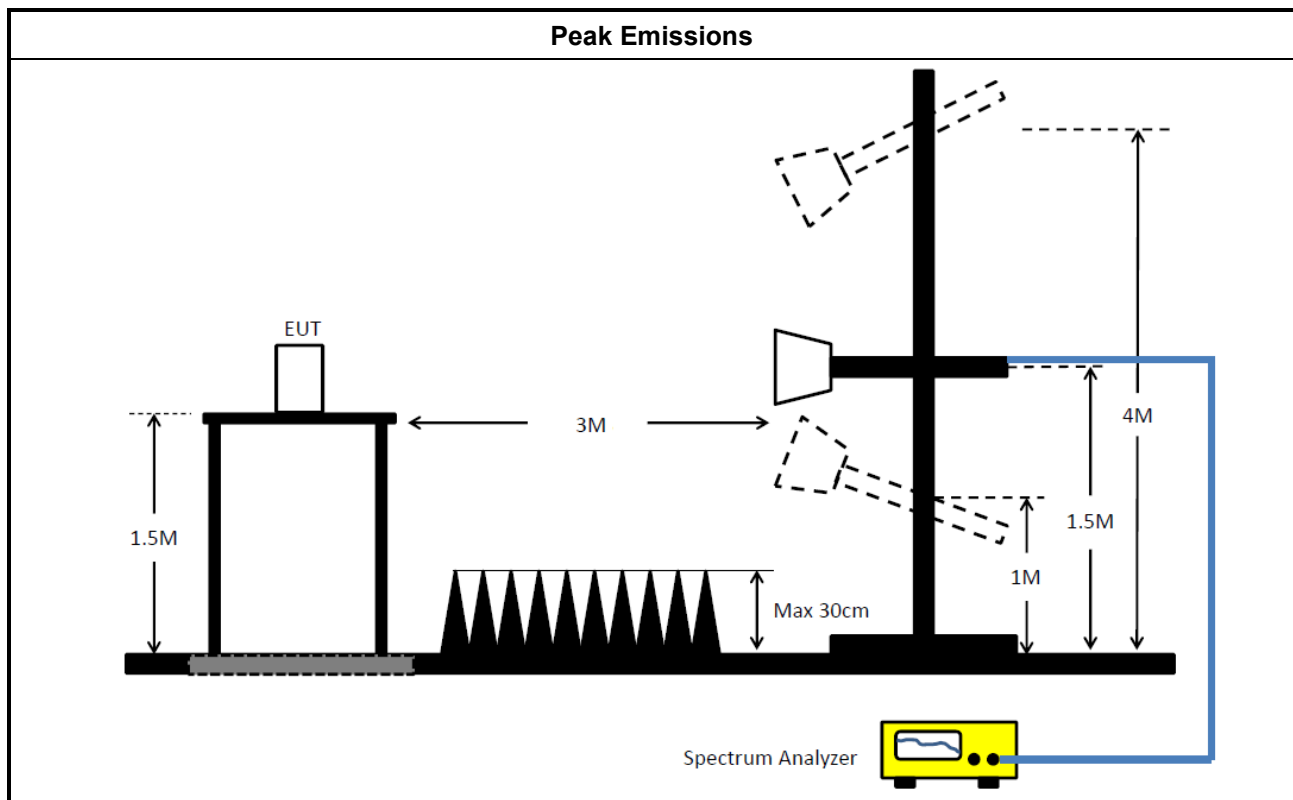
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method
☒ Peak Emissions within a 50 MHz Bandwidth
☒ Refer as ANSI C63.10, clause 10.3.1 for radiated measurement procedure testing.
☒ Refer as ANSI C63.10, clause 10.3.2 for measurement distance is 3m. In some cases, it may be necessary to measure the radiated UWB emissions at a closer distance to obtain enough signal and margin to overcome the measurement system noise floor. Distance extrapolation factor = $20 \log (\text{test distance [X m]}/\text{specific distance [3 m]}) \text{ (dB)}$
☒ Refer as ANSI C63.10, clause 10.3.5 for peak detector procedure testing.
☒ Refer as ANSI C63.10, clause 10.3.6 for bandwidth conversion of peak power. $\text{EIRP}_{50\text{MHz}} = \text{EIRP}_{3\text{MHz}} - 20 \log(3\text{MHz}/50\text{MHz})$

3.3.4 Test Setup





3.3.5 Test Result of Peak Emissions within a 50 MHz Bandwidth

Refer as Appendix B

3.4 Radiated Emissions

3.4.1 Radiated Emissions Limit

Radiated Emissions below 960MHz and Emissions from Digital Circuitry 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
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.			

Radiated Emissions above 960MHz Limit		
Frequency Range (MHz)	EIRP (dBm)	EIRP (dBuV/m)
960-1610	-75.3	19.9
1610-1990	-63.3	31.9
1990-3100	-61.3	33.9
3100-10600	-41.3	53.9
Above 10600	-61.3	33.9

Radiated Emissions in GPS Bands Limit		
Frequency Range (MHz)	EIRP (dBm)	EIRP (dBuV/m)
1164-1240	-85.3	9.9
1559-1610	-85.3	9.9

3.4.2 Measuring Instruments

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



3.4.3 Test Procedures

Test Method for Radiated Emissions above 960MHz	
☒	Radiated Emissions above 960MHz
☒	Refer as ANSI C63.10, clause 10.3.1 for radiated measurement procedure testing.
☒	Refer as ANSI C63.10, clause 10.3.2 for measurement distance is 3m. In some cases, it may be necessary to measure the radiated UWB emissions at a closer distance to obtain enough signal and margin to overcome the measurement system noise floor. Distance extrapolation factor = 20 log (test distance [X m]/specific distance [3 m]) (dB)
☒	Refer as ANSI C63.10, clause 10.3.4 for rms detector procedure testing.
☒	Refer as ANSI C63.10, clause 10.3.7 for evaluating AVG-PSD (RBW=1MHz).
☒	Refer as ANSI C63.10, clause 10.3.10 for evaluating AVG-PSD in GPS Band (RBW≥1kHz).
☒	For radiated measurement.
☒	Refer as KDB 412172, clause 2.2 following eirp can be used radiated test configuration.
☒	Refer as KDB 412172, clause 5 following eirp can be directly determined using the field strength.
☐	Refer as KDB 412172, clause 6 following eirp can be used signal/antenna substitution techniques.

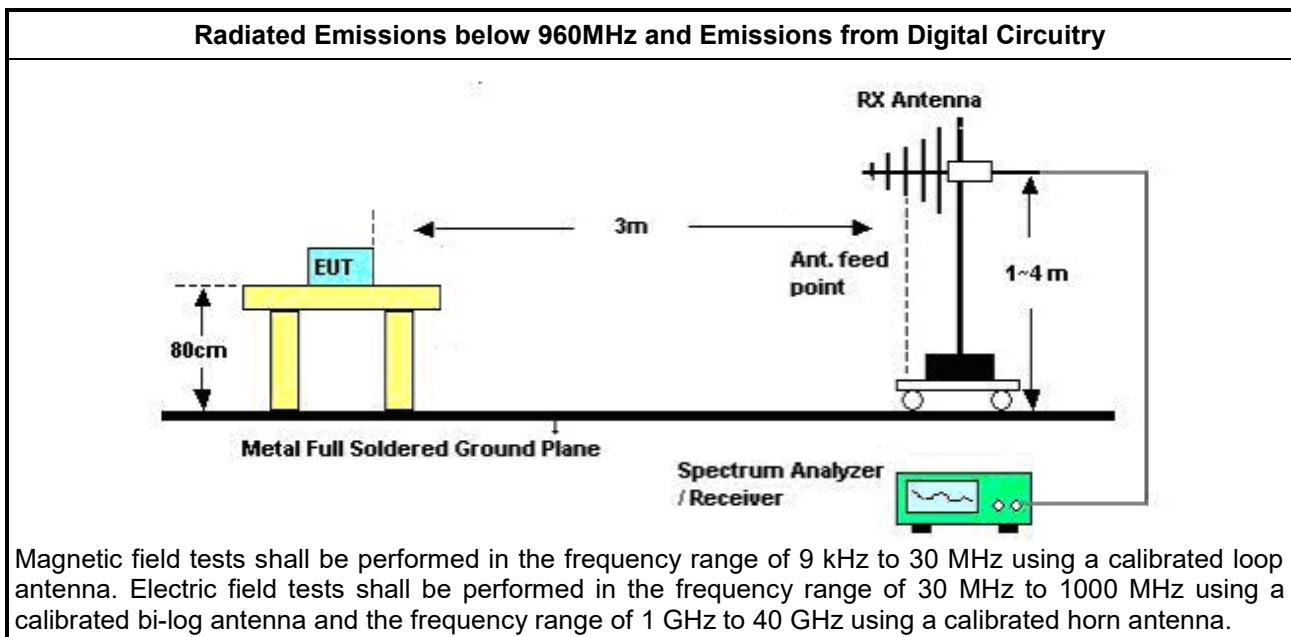
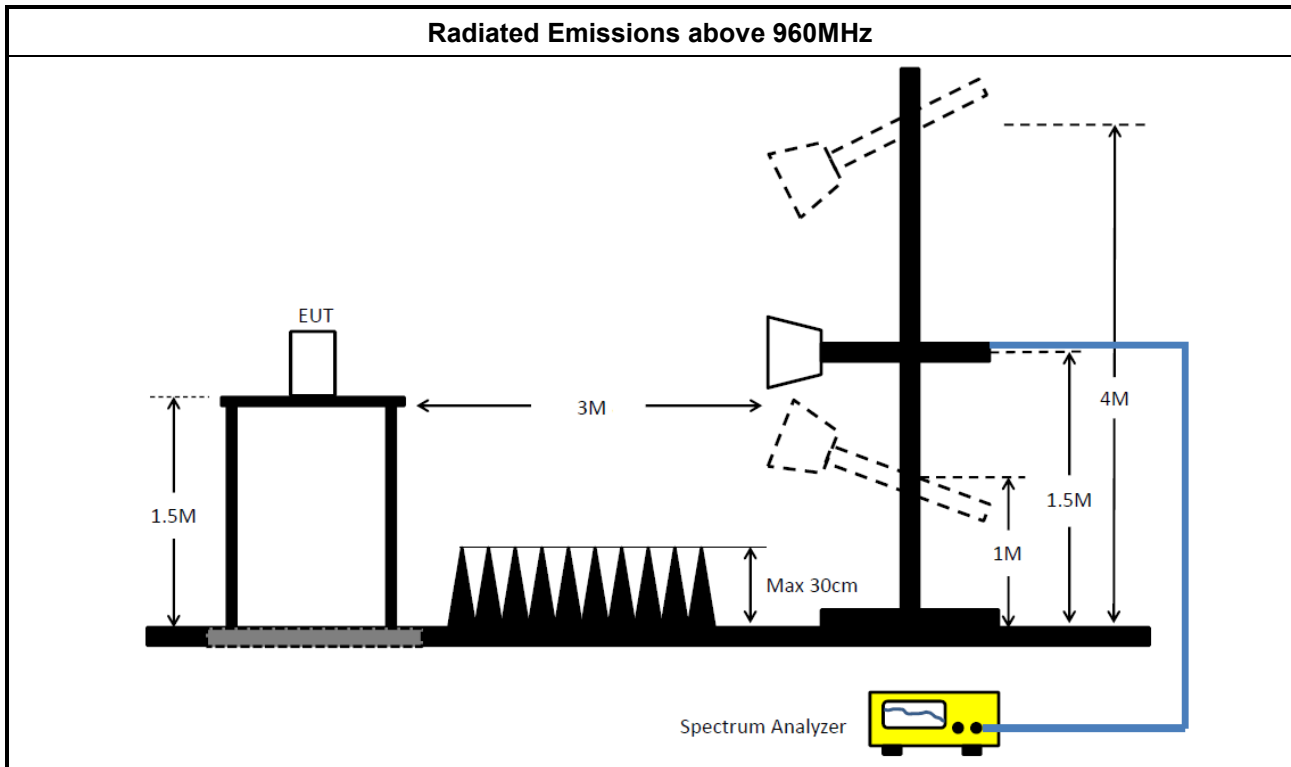
Test Method for Radiated Emissions below 960MHz and Emissions from Digital Circuitry	
☒	Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing 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).
☒	For the transmitter unwanted emissions shall be measured using following options below:
☒	Refer as ANSI C63.10, clause 4.1.5.2.3 (Reduced VBW) – Duty cycle ≥ 100%.
☐	Refer as ANSI C63.10, clause 4.1.5.2.5 average value of pulsed emissions. Adjusted by a “duty cycle correction factor”, derived from 20log (dwell time/100 ms). Average emission = peak emission + 20 log (duty cycle).
☒	Refer as ANSI C63.10, clause 4.1.5.2.2 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 1 GHz and test distance is 3m.
☒	The any unwanted emissions level shall not exceed the fundamental emission level.

3.4.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamplifier Factor)

3.4.5 Test Setup



3.4.6 Radiated Emissions (Below 30MHz)

All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.

3.4.7 Test Result of Radiated Emissions

Refer as Appendix C



4 Test Equipment and Calibration Data

Instrument for Radiated Test Below 1GHz

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
N.S.A. Measurement	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz~1GHz 3M	12/Jul/2025	11/Jul/2026
EMI Test Receiver	R&S	ESR	102052	9kHz~3.6GHz	14/May/2025	13/May/2026
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	20/Mar/2025	19/Mar/2026
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723/2	30MHz~1GHz	25/Aug/2025	24/Aug/2026
RF Cable	MVE	400LL+SN 200207	03CH02-cable-05	9kHz~1GHz	08/Aug/2025	07/Aug/2026
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	27/Jun/2025	26/Jun/2026
SENSE-UWB	Sporton	V5.11.15	N/A	N/A	N/A	N/A

Instrument for Radiated Test Above 1GHz

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Site V.S.W.R	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3M	12/Jul/2025	11/Jul/2026
Signal Analyzer	ROHDE & SCHWARZ	FSV3044	101750	10Hz~44GHz	10/Apr/2025	09/Apr/2026
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200882	10Hz~44GHz	03/Oct/2025	02/Oct/2026
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz~18GHz	03/Oct/2025	02/Oct/2026
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz~40GHz	02/Jul/2025	01/Jul/2026
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	07/Oct/2025	06/Oct/2026
RF Cable HUBER+SUHNER	HUBER+SUHNER	SUCOFLEX 104	03CH02-cable-06	1GHz~40GHz	15/Aug/2025	14/Aug/2026
RF Cable	HUBER+SUHNER	SUCOFLEX 102	03CH04-cable-05	1GHz~40GHz	02/Mar/2026	01/Mar/2027
Amplifier	EM	EM01G18GA	060933	1GHz~18GHz	14/Jul/2025	13/Jul/2026
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	30/Sep/2025	29/Sep/2026
Microwave Preamplifier	EMEC	EM18G40GA	060887	18GHz ~40GHz	02/Oct/2025	01/Oct/2026
Amplifier	EM	EM18G40GA	060874	18GHz ~40GHz	27/Apr/2026	26/Apr/2027
SENSE-UWB	Sporton	V5.11.15	N/A	N/A	N/A	N/A

**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
3.1-10.6GHz	-	-	-	-	-
Ultra Wide Band_Nss1,(HRP)_1TX	586.5M	607.299M	607MD1D	586.5M	607.299M

Max-N dB = Maximum 10dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 10dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth

Result

Mode	Result	Limit (Hz)	F _M (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
Ultra Wide Band_Nss1,(HRP)_1TX	-	-		-	-
7987.2MHz	Pass	500M	7893.5M	586.5M	607.299M

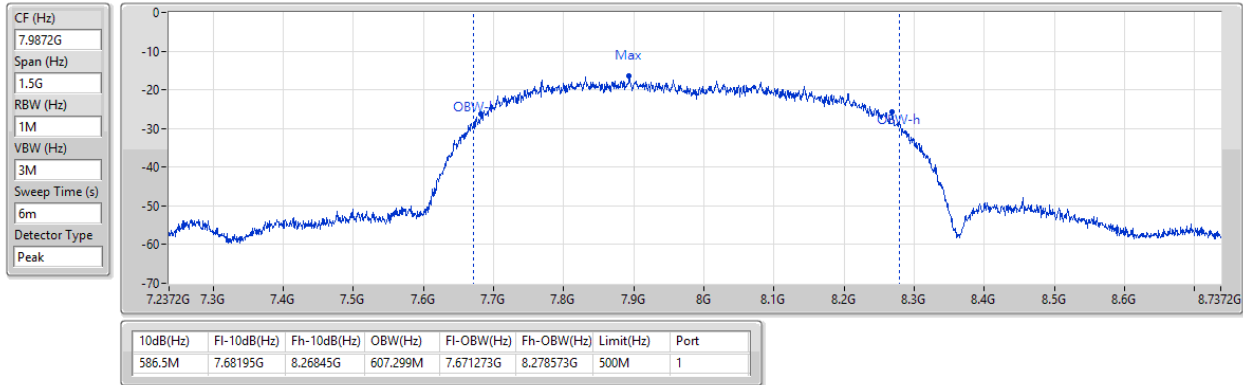
Port X-N dB = Port X 10dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

3.1-10.6GHz_Ultra Wide Band_Nss1,(HRP)_1TX

EBW

7987.2MHz

02/04/2026



*RBW:1MHz / VBW:3MHz



Summary

Mode	EIRP PD (dBm/50MHz)
3.1-10.6GHz	-
Ultra Wide Band_Nss1_1TX	-2.71

**Result**

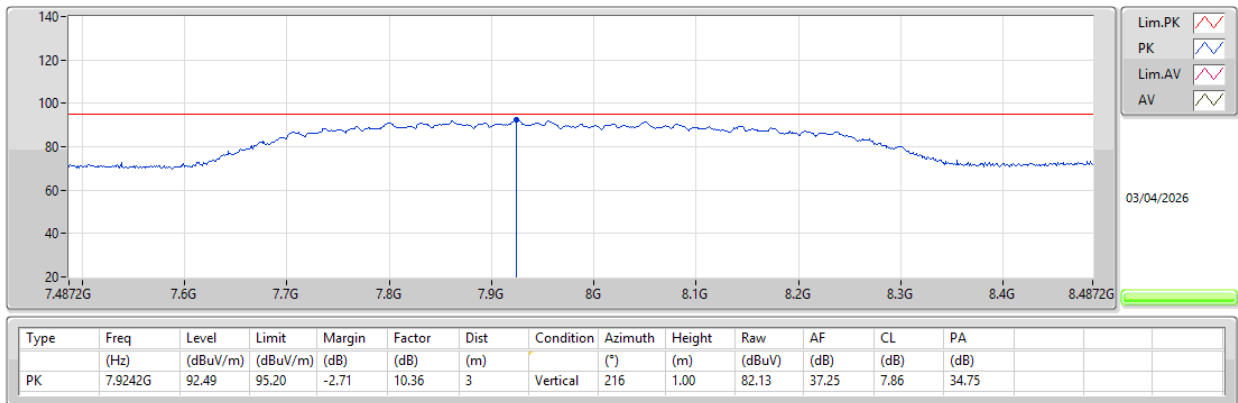
Mode	Result	Raw (dBuV/m)	RBW (MHz)	Factor (dB)	EIRP PD (dBm/50MHz)	EIRP PD Limit (dBm/50MHz)
Ultra Wide Band_Nss1_1TX	-	-		-	-	-
7987.2 MHz	Pass	82.13	50	84.84	-2.71	0

Factor= $20 \cdot \log(\text{RBW}/50\text{MHz}) - 95.2 + (\text{AF} + \text{CL} - \text{PA})$

EIRP PD= Raw -Factor

3.1-10.6GHz_Ultra Wide Band_Nss1,(HRP)_1TX

7987.2MHz_TX



*RBW:10MHz / VBW:10MHz/ Detector: Peak / Sweep time: 1s



Summary

Mode	EIRP PD (dBm/MHz)
3.1-10.6GHz	-
Ultra Wide Band_Nss1_1TX	-42.60



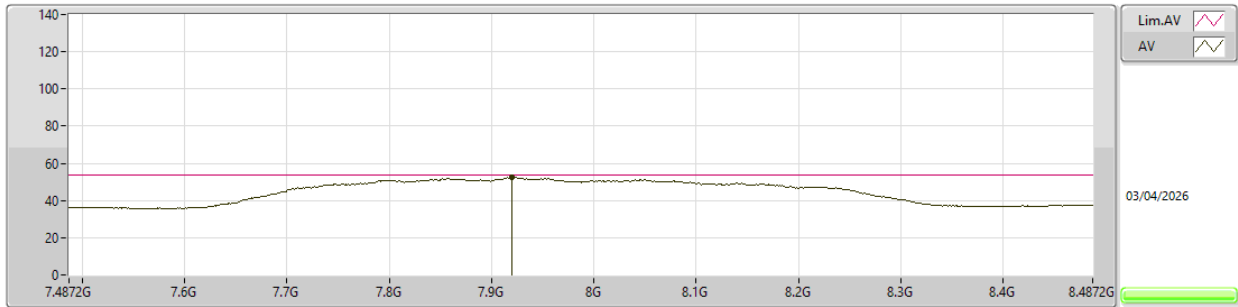
Result

Mode	Result	Raw (dBuV/m)	RBW (MHz)	Factor (dB)	EIRP PD (dBm/MHz)	EIRP PD Limit (dBm/MHz)
Ultra Wide Band_Nss1_1TX	-	-		-	-	-
7987.2MHz	Pass	42.24	1	84.84	-42.60	-41.30

EIRP PD= Raw - 95.2 + (AF + CL - PA)

3.1-10.6GHz_Ultra Wide Band_Nss1,(HRP)_1TX

7987.2MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)			
AV	7.9202G	52.60	53.90	-1.30	10.36	3	Vertical	216	1.00	42.24	37.24	7.87	34.75			

*RBW:1MHz / VBW:3MHz/ Detector: RMS / Sweep time: 1s



Summary

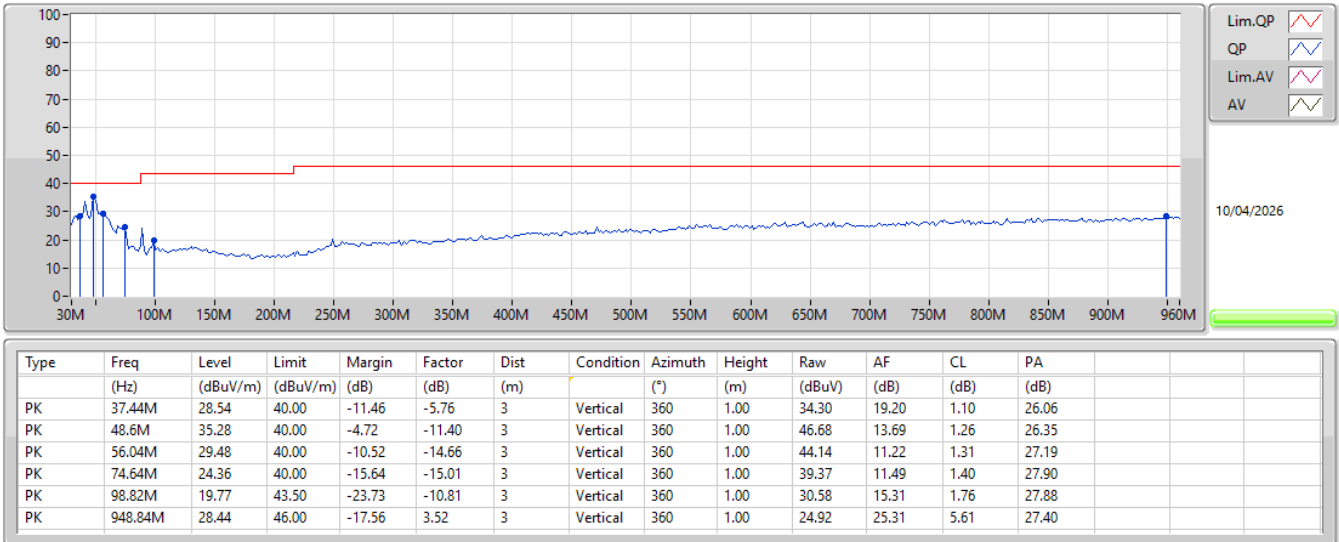
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
3.1-10.6GHz	-	-	-	-	-	-	-	-	-	-
Ultra Wide Band_Nss1,(HRP)_1TX	Pass	PK	48.6M	35.28	40.00	-4.72	3	Vertical	360	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Ultra Wide Band_Nss1,(HRP)_1TX	-	-	-	-	-	-	-	-	-	-
7987.2MHz_Battery	Pass	PK	37.44M	28.54	40.00	-11.46	3	Vertical	360	1.00
7987.2MHz_Battery	Pass	PK	48.6M	35.28	40.00	-4.72	3	Vertical	360	1.00
7987.2MHz_Battery	Pass	PK	56.04M	29.48	40.00	-10.52	3	Vertical	360	1.00
7987.2MHz_Battery	Pass	PK	74.64M	24.36	40.00	-15.64	3	Vertical	360	1.00
7987.2MHz_Battery	Pass	PK	98.82M	19.77	43.50	-23.73	3	Vertical	360	1.00
7987.2MHz_Battery	Pass	PK	948.84M	28.44	46.00	-17.56	3	Vertical	360	1.00
7987.2MHz_Battery	Pass	PK	31.86M	34.38	40.00	-5.62	3	Horizontal	0	1.00
7987.2MHz_Battery	Pass	PK	41.16M	25.41	40.00	-14.59	3	Horizontal	0	1.00
7987.2MHz_Battery	Pass	PK	54.18M	22.05	40.00	-17.95	3	Horizontal	0	1.00
7987.2MHz_Battery	Pass	PK	72.78M	21.24	40.00	-18.76	3	Horizontal	0	1.00
7987.2MHz_Battery	Pass	PK	630.78M	26.13	46.00	-19.87	3	Horizontal	0	1.00
7987.2MHz_Battery	Pass	PK	948.84M	28.66	46.00	-17.34	3	Horizontal	0	1.00

3.1-10.6GHz_Ultra Wide Band_Nss1,(HRP)_1TX

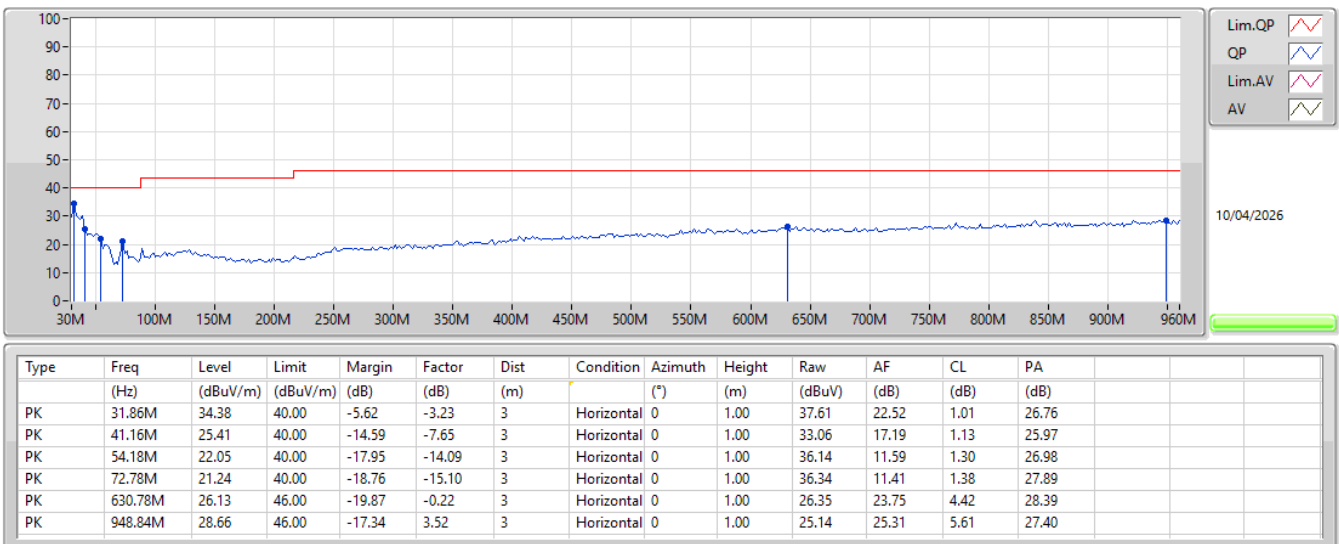
7987.2MHz_Battery



*RBW:100kHz / VBW:300kHz/ Detector: Peak / Sweep time: 100ms

3.1-10.6GHz_Ultra Wide Band_Nss1,(HRP)_1TX

7987.2MHz_Battery



*RBW:100kHz / VBW:300kHz/ Detector: Peak / Sweep time: 100ms



Summary

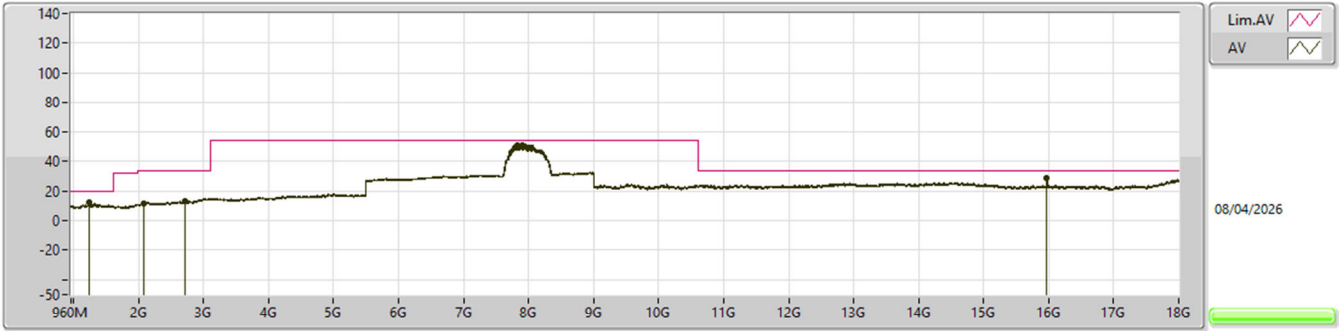
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
3.1-10.6GHz	-	-	-	-	-	-	-	-	-	-
Ultra Wide Band_Nss1,(HRP)_1TX	Pass	AV	15.9745G	29.02	33.90	-4.88	3	Vertical	0	3.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Ultra Wide Band_Nss1,(HRP)_1TX	-	-	-	-	-	-	-	-	-	-
7987.2MHz	Pass	AV	1.23412G	12.00	19.90	-7.90	3	Vertical	0	3.00
7987.2MHz	Pass	AV	2.07246G	11.66	33.90	-22.24	3	Vertical	0	3.00
7987.2MHz	Pass	AV	2.7088G	12.86	33.90	-21.04	3	Vertical	0	3.00
7987.2MHz	Pass	AV	15.9745G	29.02	33.90	-4.88	3	Vertical	0	3.00
7987.2MHz	Pass	AV	1.31197G	13.47	19.90	-6.43	3	Horizontal	360	3.00
7987.2MHz	Pass	AV	1.53365G	13.49	19.90	-6.41	3	Horizontal	360	3.00
7987.2MHz	Pass	AV	3.09151G	14.44	33.90	-19.46	3	Horizontal	360	3.00
7987.2MHz	Pass	AV	15.9745G	28.13	33.90	-5.77	3	Horizontal	360	3.00
7987.2MHz	Pass	AV	1.17297G	-13.03	9.90	-22.93	3	Vertical	53	1.29
7987.2MHz	Pass	AV	1.19353G	-13.08	9.90	-22.98	3	Vertical	144	1.33
7987.2MHz	Pass	AV	1.21999G	-7.86	9.90	-17.76	3	Vertical	247	1.31
7987.2MHz	Pass	AV	1.18399G	-2.01	9.90	-11.91	3	Horizontal	49	1.50
7987.2MHz	Pass	AV	1.23199G	1.52	9.90	-8.38	3	Horizontal	199	1.50
7987.2MHz	Pass	AV	1.23599G	0.32	9.90	-9.58	3	Horizontal	195	1.49
7987.2MHz	Pass	AV	1.56398G	-8.57	9.90	-18.47	3	Vertical	279	1.37
7987.2MHz	Pass	AV	1.57998G	-12.08	9.90	-21.98	3	Vertical	267	1.45
7987.2MHz	Pass	AV	1.59798G	-9.01	9.90	-18.91	3	Vertical	253	1.47
7987.2MHz	Pass	AV	1.56198G	-3.35	9.90	-13.25	3	Horizontal	1	1.50
7987.2MHz	Pass	AV	1.56398G	-3.52	9.90	-13.42	3	Horizontal	1	1.50
7987.2MHz	Pass	AV	1.58998G	-10.66	9.90	-20.56	3	Horizontal	355	1.50

3.1-10.6GHz_Ultra Wide Band_Nss1,(HRP)_1TX

7987.2MHz_TX



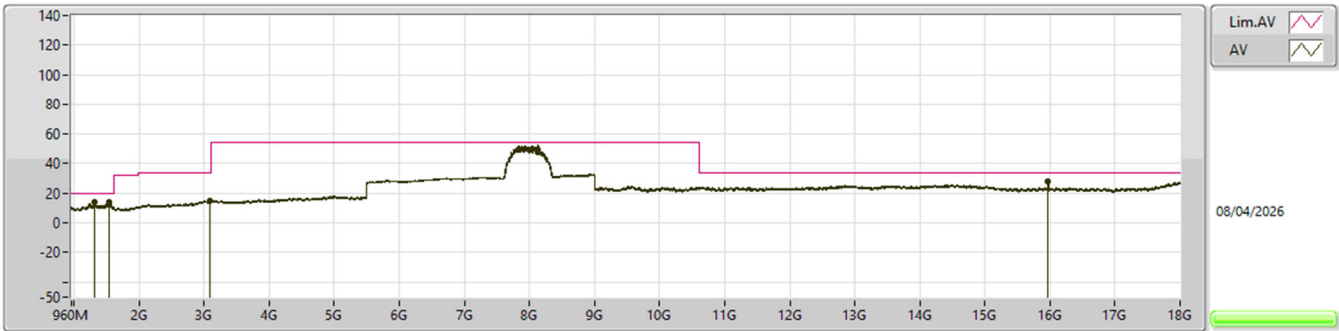
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	1.23412G	12.00	19.90	-7.90	-39.72	3	Vertical	0	3.00	51.72	26.00	3.03	53.19
AV	2.07246G	11.66	33.90	-22.24	-37.34	3	Vertical	0	3.00	49.00	27.42	3.95	53.15
AV	2.7088G	12.86	33.90	-21.04	-35.95	3	Vertical	0	3.00	48.81	28.39	4.48	53.26
AV	15.9745G	29.02	33.90	-4.88	-18.01	3	Vertical	360	3.00	47.03	38.00	11.57	52.02

*Perform the scan in three separate frequency segments and combine the three traces into one.
The setting of each segment as below:

RBW:1MHz / VBW:3MHz/ Detector: RMS / Sweep time: 3s

3.1-10.6GHz_Ultra Wide Band_Nss1,(HRP)_1TX

7987.2MHz_TX



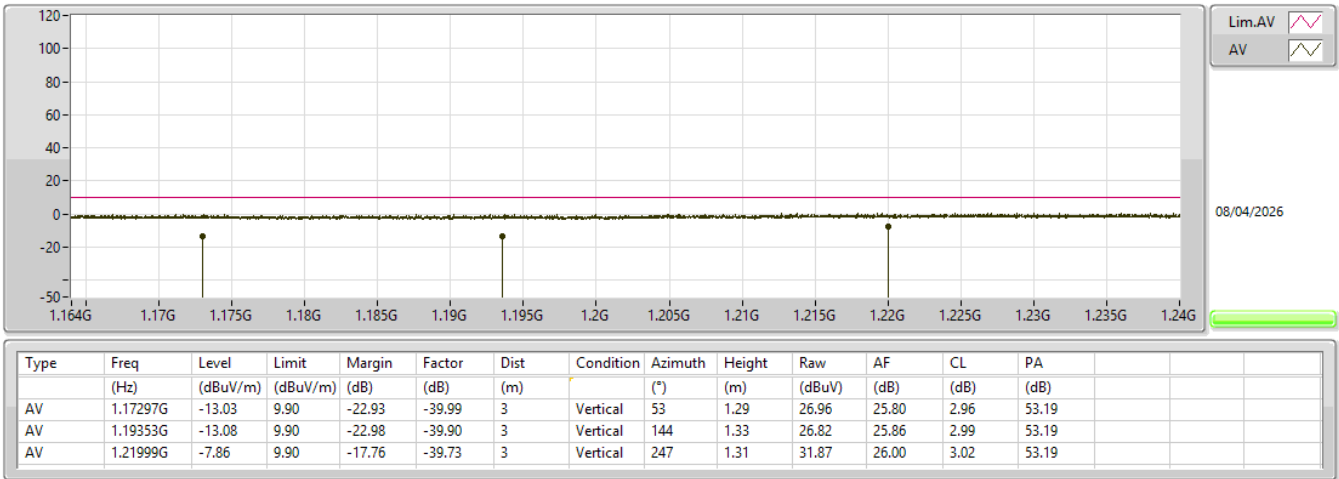
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	1.31197G	13.47	19.90	-6.43	-39.55	3	Horizontal	360	3.00	53.02	26.10	3.09	53.18
AV	1.53365G	13.49	19.90	-6.41	-40.14	3	Horizontal	360	3.00	53.63	25.24	3.36	53.18
AV	3.09151G	14.44	33.90	-19.46	-33.66	3	Horizontal	360	3.00	48.10	29.70	5.51	53.31
AV	15.9745G	28.13	33.90	-5.77	-18.01	3	Horizontal	360	3.00	46.14	38.00	11.57	52.02

*Perform the scan in three separate frequency segments and combine the three traces into one.
The setting of each segment as below:

RBW:1MHz / VBW:3MHz/ Detector: RMS / Sweep time: 3s

3.1-10.6GHz_Ultra Wide Band_Nss1,(HRP)_1TX

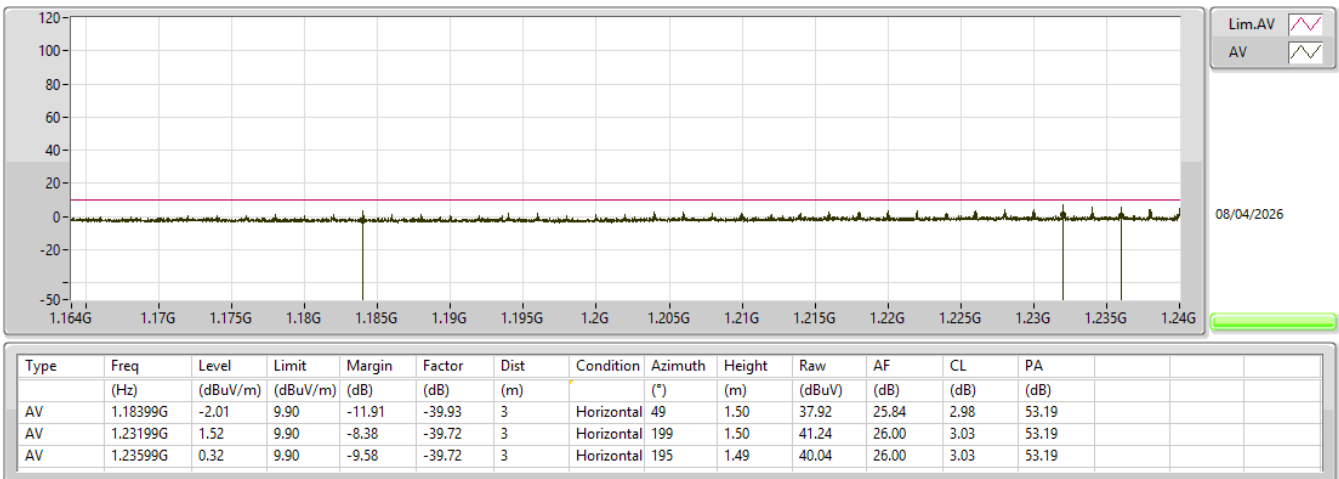
7987.2MHz_TX



*RBW:30kHz / VBW:100kHz/ Detector: RMS / Sweep time: 500ms

3.1-10.6GHz_Ultra Wide Band_Nss1,(HRP)_1TX

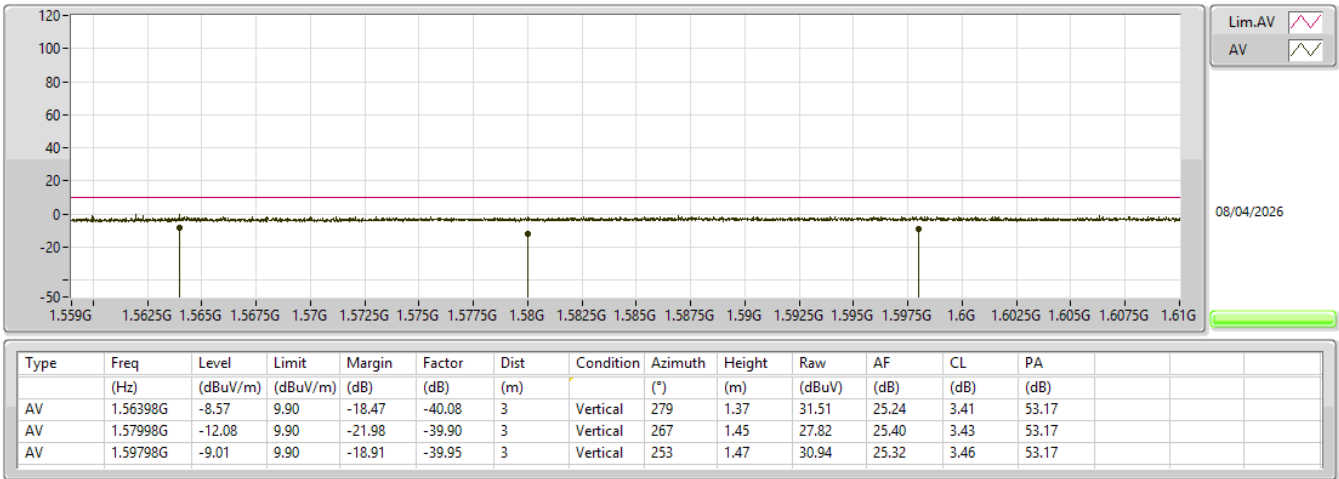
7987.2MHz_TX



*RBW:30kHz / VBW:100kHz/ Detector: RMS / Sweep time: 500ms

3.1-10.6GHz_Ultra Wide Band_Nss1,(HRP)_1TX

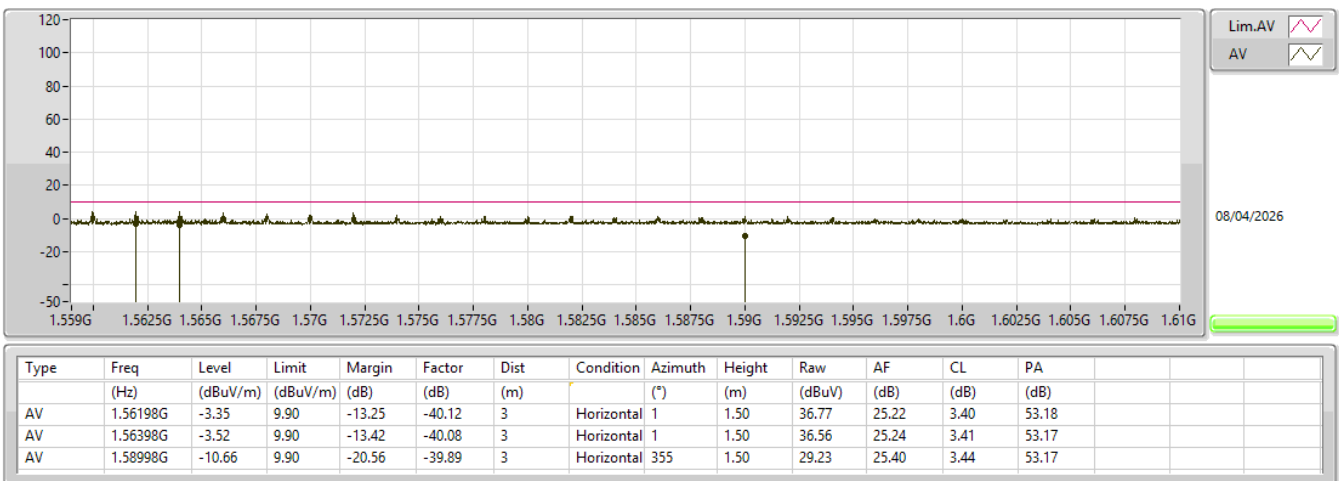
7987.2MHz_TX



*RBW:30kHz / VBW:100kHz/ Detector: RMS / Sweep time: 500ms

3.1-10.6GHz_Ultra Wide Band_Nss1,(HRP)_1TX

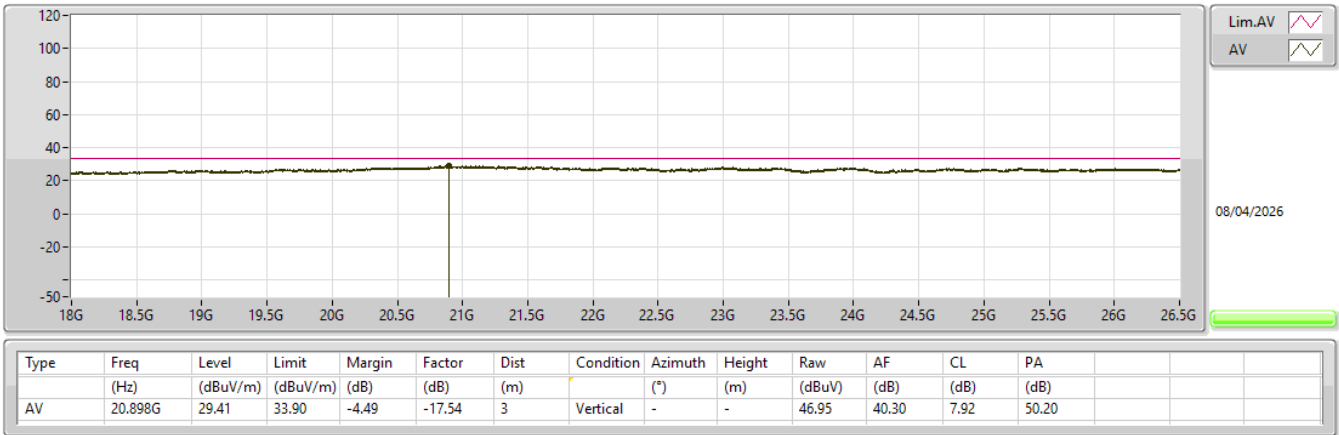
7987.2MHz_TX



*RBW:30kHz / VBW:100kHz/ Detector: RMS / Sweep time: 500ms

3.1-10.6GHz_Ultra Wide Band_Nss1,(HRP)_1TX

7987.2MHz_TX

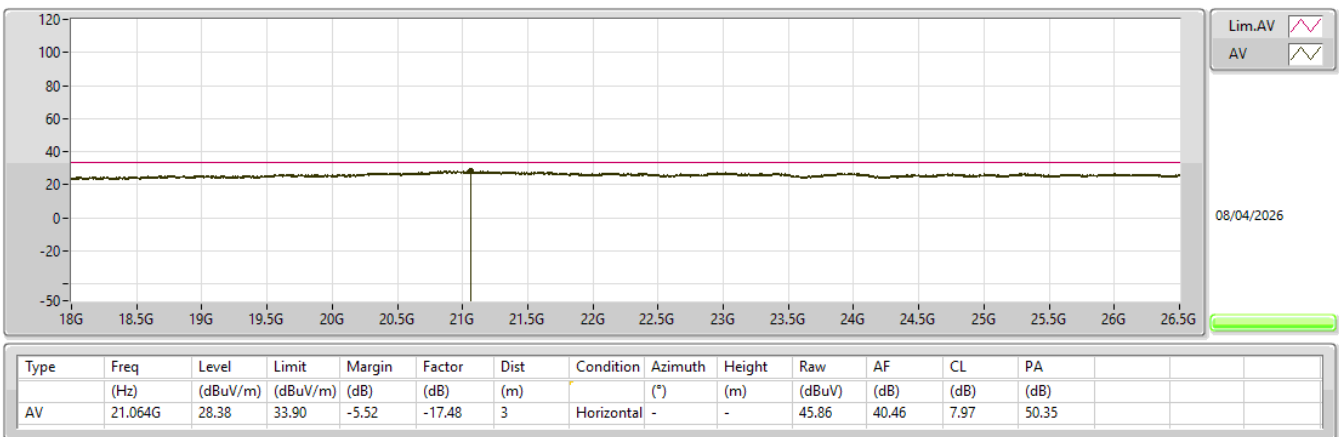


*The full-band scan setting is as below:

RBW:1MHz / VBW:3MHz/ Detector: RMS / Sweep time: 4s

3.1-10.6GHz_Ultra Wide Band_Nss1,(HRP)_1TX

7987.2MHz_TX

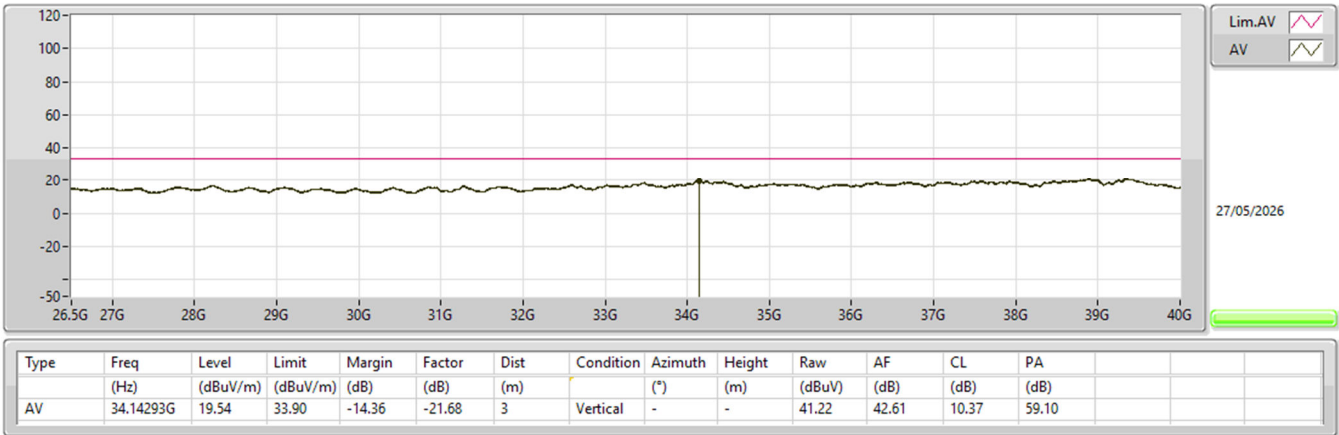


*The full-band scan setting is as below:

RBW:1MHz / VBW:3MHz/ Detector: RMS / Sweep time: 4s

3.1-10.6GHz_Ultra Wide Band_Nss1,(HRP)_1TX

7987.2MHz_TX

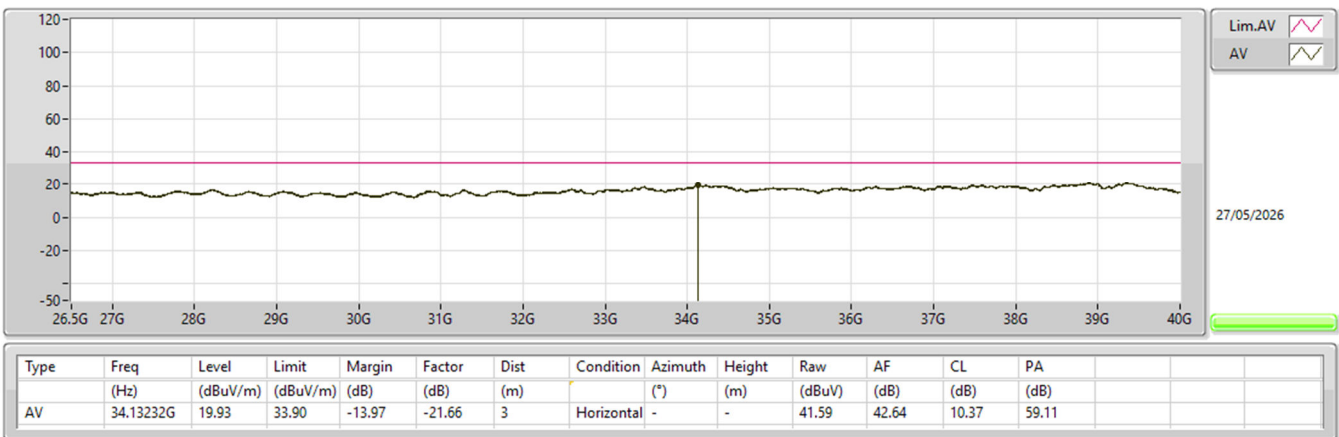


*The full-band scan setting is as below:

RBW:1MHz / VBW:3MHz/ Detector: RMS / Sweep time: 13.5s

3.1-10.6GHz_Ultra Wide Band_Nss1,(HRP)_1TX

7987.2MHz_TX



*The full-band scan setting is as below:

RBW:1MHz / VBW:3MHz/ Detector: RMS / Sweep time: 13.5s