

TEST REPORT

Product Name : Digital Frame
Model Number : PF326, ONNDTFRM10-WHT,
ONNDTFRM10-BLK, 36025939-BLK,
36025939-WHT, 36025939
FCC ID : 2AQ7B-PF326

Prepared for : Shenzhen Interthings Technology Co., Ltd.
Address : 701, Building 1, Lechuanghui Building, No.1211
Guanguang Road, Longhua District, Shenzhen, China

Prepared by : EMTEK (DONGGUAN) CO., LTD.
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Date of sample receipt : July 06, 2026
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Date of issue : August 10, 2026

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1 TEST RESULT CERTIFICATION

Applicant : Shenzhen Interthings Technology Co., Ltd.
 Address : 701, Building 1, Lechuanghui Building, No.1211 Guanguang Road, Longhua District, Shenzhen, China
 Manufacturer : YIBIN YINGTONG INTELLIGENT TECHNOLOGY CO., LTD.
 Address : Bldg 19, Industrial Innovation Base Infrastructure Project (Phase I), No.7 West Gangyuan Rd, Guoxing Ave, Lingang ETZ, Yibin, Sichuan, China
 Factory : YIBIN YINGTONG INTELLIGENT TECHNOLOGY CO., LTD.
 Address : Bldg 19, Industrial Innovation Base Infrastructure Project (Phase I), No.7 West Gangyuan Rd, Guoxing Ave, Lingang ETZ, Yibin, Sichuan, China
 EUT : Digital Frame
 Model Name : PF326, ONNDTFRM10-WHT, ONNDTFRM10-BLK, 36025939-BLK, 36025939-WHT, 36025939
 Trademark : N/A

Measurement Procedure Used:

APPLICABLE STANDARDS	
STANDARD	TEST RESULT
FCC 47 CFR Part 2 , Subpart J FCC 47 CFR Part 15, Subpart C	PASS
IC RSS-GEN, Issue 5(04-2018)+A1(03-2019)+A2(02-2021) IC RSS-247 Issue 4(07-2025)	PASS

The above equipment was tested by EMTEK (DONGGUAN) CO., LTD. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10 (2020) and the energy emitted by the sample EUT tested as described in this report is in compliance with the requirements of FCC Rules Part 2, Part 15.247, IC RSS-247 Issue 3 and IC RSS-GEN, Issue 5.

The test results of this report relate only to the tested sample identified in this report.

Date of Test : July 06, 2026 to August 09, 2026

Prepared by : Jessica Zhang
 Jessica Zhang /Editor

Reviewer : Warren Deng
 Warren Deng /Supervisor

Approve & Authorized Signer : Sam Lv / Manager

Modified History

Version	Report No.	Revision Date	Summary
V1.0	EDG2607060229E00101R	/	Original Report



2 EUT TECHNICAL DESCRIPTION

Characteristics	Description
Product:	Digital Frame
Model Number:	PF326, ONNDTFRM10-WHT, ONNDTFRM10-BLK, 36025939-BLK, 36025939-WHT, 36025939 (Note: These models are the same, except for the model number and color;PF326 was selected for full test.)
Sample Number:	E2607060229-01
IEEE 802.11 WLAN Mode Supported:	802.11b 802.11g 802.11n(20MHz channel bandwidth) 802.11n(40MHz channel bandwidth) 802.11ax(20MHz channel bandwidth) 802.11ax(40MHz channel bandwidth)
Modulation:	DSSS with DBPSK/DQPSK/CCK for 802.11b; OFDM with BPSK/QPSK/16QAM/64QAM for 802.11g/n; OFDM with BPSK/QPSK/16QAM/64QAM/256QAM/1024QAM for 802.11ax;
Operating Frequency Range:	2412-2462MHz for 802.11b/g/n(HT20)/ax(HE20); 2422-2452MHz for 802.11n(HT40)/ax(HE40);
Number of Channels:	11 channels for 802.11b/g/n(HT20); 7 Channels for 802.11n(HT40);
Transmit Power Max:	12.26 dBm(0.016827 W)
Antenna Type:	FPC Antenna
Antenna Gain:	2.2 dBi
Power Supply:	DC 5V from adapter Adapter:Model:YTY-12F-01 05100US INPUT:100-240V~ 50/60Hz 0.3A Max Output: 5V== 2000 mA
Temperature Range	0°C ~ +40°C

Note: for more details, please refer to the User's manual of the EUT.

3 SUMMARY OF TEST RESULT

FCC Part Clause	IC Part Clause	Test Parameter	Verdict	Remark
15.247(a)(2)	RSS-247 6.3.1 RSS-Gen 6.7	Emission Bandwidth	PASS	
15.247(b)(3)	RSS-247 6.3.2 RSS-Gen 6.12	Maximum Peak Conducted Output Power	PASS	
15.247(e)	RSS-247 6.3.1 RSS-Gen 6.12	Maximum Power Spectral Density Level	PASS	
15.247(d)	RSS-247 6.6	Unwanted Emission Into Non-Restricted Frequency Bands	PASS	
15.247(d)	RSS-247 6.6	Unwanted Emission Into Restricted Frequency Bands (conducted)	PASS	
15.247(d) 15.209 15.205	RSS-Gen 8.9 RSS-Gen 8.10 RSS-Gen 6.13 RSS-247 6.6	Radiated Spurious Emission	PASS	
15.207	RSS-Gen 8.8	Conducted Emission Test	PASS	
15.203 15.247(b)	RSS-Gen 6.8 RSS-247 6.5	Antenna Application	PASS	
NOTE1: N/A (Not Applicable)				
NOTE2: According to FCC OET KDB 558074, the report use radiated measurements in the restricted frequency bands. In addition, the radiated test is also performed to ensure the emissions emanating from the device cabinet also comply with the applicable limits.				

RELATED SUBMITTAL(S) / GRANT(S):

This submittal(s) (test report) is intended for **FCC ID: 2AQ7B-PF326** filing to comply with Section 15.247 of the FCC Part 15, Subpart C Rules.

4 TEST METHODOLOGY

4.1 GENERAL DESCRIPTION OF APPLIED STANDARDS

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

FCC 47 CFR Part 2, Subpart J

FCC 47 CFR Part 15, Subpart C

IC RSS-GEN, Issue 5(04-2018)+A1(03-2019)+A2(02-2021)

IC RSS-247 Issue 4(07-2025)

FCC KDB 558074 D01 15.247 Meas Guidance v05r02

4.2 MEASUREMENT EQUIPMENT USED

Conducted Emission Test Equipment

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
EMI Test Receiver	Rohde&Schwarz	ESCI	100137	2026/4/23	1Year
AMN	Rohde&Schwarz	ENV216	101209	2026/4/23	1Year
AMN	Rohde&Schwarz	ENV216	100017	2026/4/23	1Year
AMN	Schwarzbeck	NNLK8121	8121-641	2026/4/23	1Year
AMN	Rohde&Schwarz	ESH3-Z6	101101	2026/4/23	1Year
AMN	Rohde&Schwarz	ESH3-Z6	101102	2026/4/23	1Year
Power Splitters & Dividers	Weinschel Associates	WA1506A	A1066	2026/4/23	1Year
Current Probe	FCC	F-52	8377	2026/4/23	1Year
Passive voltage probe	Rohde&Schwarz	ESH2-Z3	100122	2026/4/23	1Year
Cable	Rosenberger	RG 223/U	525178	2026/4/23	1Year
Cable	Rosenberger	RG223/U	525179	2026/4/23	1Year
Test Software	Farad	Ver.CON-03A1	--	N/A	N/A

For Spurious Emissions Test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
EMI Test Receiver	Rohde&Schwarz	ESCI	101415	2026/4/23	1Year
Bi-log Hybrid Antenna	Schwarzbeck	VULB9163	141	2026/4/25	1Year
Pre-Amplifier	HP	8447F	OPTH64	2026/4/23	1 Year
Signal Analyzer	R&S	FSV30	103039	2026/4/23	1 Year
Horn Antenna	Schwarzbeck	BBHA9120D	1272	2026/4/25	1Year
Horn Antenna	Schwarzbeck	BBHA9170	9170-567	2026/4/25	1Year
Pre-Amplifier	LUNAR EM	PM1-18-40	J10100000081	2026/4/23	1Year
Loop antenna	Schwarzbeck	FMZB1519	1519-012	2026/4/25	1Year
Cable	Rosenberger	CIL02	A0783566	2026/4/23	1Year
Cable	HTS	CBL-26	D1245	2026/4/23	1Year
Cable	HTS	CBL-26	D8503	2026/4/23	1Year
Cable	HTS	CBL-26	/	2026/4/23	1Year
6 db attenuator	AR-WORLDWIDE	6dB/50FH-006-100	324011	2026/4/23	1Year
Test Software	Farad	Ver.RA-03A1	--	N/A	N/A

For other test items:

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
Wireless Connectivity Tester	R&S	CMW270	102543	2026/4/23	1Year
Automatic Control Unit	Tonscend	JS0806-2	2118060480	2026/4/23	1Year
Signal Analyzer	KEYSIGHT	N9010B	MY60242456	2026/4/23	1Year
Analog Signal Generator	KEYSIGHT	N5173B	MY61252625	2026/4/23	1Year
UP/DOWN-Converter	R&S	CMW-Z800A	100274	2026/4/23	1Year
Vector Signal Generator	KEYSIGHT	N5182B	MY61252674	2026/4/23	1Year
Frequency Extender	KEYSIGHT	N5182BX07	MY59362541	2026/4/23	1Year
Temperature&Humidity test chamber	ESPEC	EL-02KA	12107166	2026/4/23	1 Year
Radio frequency test system	Tonscend	JS1120-3	--	N/A	N/A



4.3 DESCRIPTION OF TEST MODES

The EUT has been tested under its typical operating condition.

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

The Transmitter was operated in the normal operating mode. The TX frequency was fixed which was for the purpose of the measurements.

Test of channel included the lowest and middle and highest frequency to perform the test, then record on this report.

Those data rates (802.11b: 1 Mbps; 802.11g: 6 Mbps; 802.11n (HT20): MCS0; 802.11n (HT40): MCS0; 802.11ax (HE20): MCS0; 802.11ax (HE40): MCS0;) were used for all test.

Pre-defined engineering program for regulatory testing used to control the EUT for staying in continuous transmitting and receiving mode is programmed.

Frequency and Channel list for 802.11 b/g/n(HT20)/ax(HE20):

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2412	5	2432	9	2452
2	2417	6	2437	10	2457
3	2422	7	2442	11	2462
4	2427	8	2447		

Frequency and Channel list for 802.11n(HT40)/ax(HE40):

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
3	2422	6	2437	9	2452
4	2427	7	2442		
5	2432	8	2447		

Test Frequency and Channel for 802.11 b/g/n(HT20)/ax(HE20):

Lowest Frequency		Middle Frequency		Highest Frequency	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2412	6	2437	11	2462

Test Frequency and channel for 802.11n(HT40)/ax(HE40):

Lowest Frequency		Middle Frequency		Highest Frequency	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
3	2422	6	2437	9	2452

Multi-antenna correlation:

☐	Transmit Signals are Correlated
	Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{ANT}]$ dBi
☐	All Transmit Signals are Completely Uncorrelated
	Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10}) / N_{ANT}]$ dBi

5 FACILITIES AND ACCREDITATIONS

5.1 FACILITIES

All measurement facilities used to collect the measurement data are located at:
EMTEK (DONGGUAN) CO., LTD.

1&2/F., Building 2, Zone A, Zhongda Marine Biotechnology Research and Development Base, No.9, Xincheng Avenue, Songshanhu High-technology Industrial Development Zone, Dongguan, Guangdong, China

The sites are constructed in conformance with the requirements of ANSI C63.7, ANSI C63.4 and CISPR Publication 22.

5.2 EQUIPMENT

Radiated emissions are measured with one or more of the following types of linearly polarized antennas: tuned dipole, biconical, log periodic, bi-log, and/or ridged waveguide, horn. Spectrum analyzers with preselectors and quasi-peak detectors are used to perform radiated measurements.

Conducted emissions are measured with Line Impedance Stabilization Networks and EMI Test Receivers. Calibrated wideband preamplifiers, coaxial cables, and coaxial attenuators are also used for making measurements.

All receiving equipment conforms to CISPR Publication 16-1, "Radio Interference Measuring Apparatus and Measurement Methods."

5.3 LABORATORY ACCREDITATIONS AND LISTINGS

Site Description

EMC Lab.	: Accredited by CNAS, 2024.07.06 The certificate is valid until 2030.07.05 The Laboratory has been assessed and proved to be in compliance with CNAS/CL01:2018 The Certificate Registration Number is L3150 Accredited by FCC Designation Number: CN1451 Test Firm Registration Number: 846861 Accredited by A2LA The Certificate Registration Number is 4321.02 Accredited by Industry Canada The Certificate Registration Number is CN0113
Name of Firm	: EMTEK (DONGGUAN) CO., LTD.
Site Location	: 1&2/F., Building 2, Zone A, Zhongda Marine Biotechnology Research and Development Base, No.9, Xincheng Avenue, Songshanhu High-technology Industrial Development Zone, Dongguan, Guangdong, China

6 TEST SYSTEM UNCERTAINTY

The following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Table 1

Test Parameter	Measurement Uncertainty
Radio Frequency	±1 ppm
Maximum Peak Output Power Test	±1.0dB
Conducted Emissions Test	See below
Radiated Emission Test	±2.0dB
Power Density	±2.0dB
Occupied Bandwidth Test	±1.0dB
Band Edge Test	±3dB
All emission, radiated	See below
Antenna Port Emission	±3dB
Temperature	±0.5°C
Humidity	±3%

Table 2

Test Item

Conducted Emission Uncertainty

Uncertainty

: 2.08dB(9K-150KHz)
2.42dB(150K-30MHz)

Radiated Emission Uncertainty
(3m Chamber)

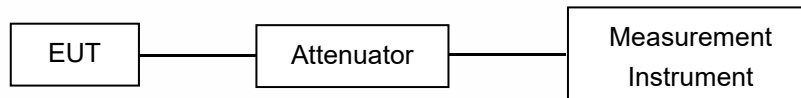
: 3.32dB (30M~1GHz Polarize: H)
3.34dB (30M~1GHz Polarize: V)
4.98dB (1~6GHz)
5.20dB (6~18GHz)

Measurement Uncertainty for a level of Confidence of 95%

7 SETUP OF EQUIPMENT UNDER TEST

7.1 RADIO FREQUENCY TEST SETUP 1

The WLAN component's antenna ports(s) of the EUT are connected to the measurement instrument per an appropriate attenuator. The EUT is controlled by PC/software to emit the specified signals for the purpose of measurements.



7.2 RADIO FREQUENCY TEST SETUP 2

The test site semi-anechoic chamber has met the requirement of NSA tolerance 4 dB according to the standards: ANSI C63.10. The test distance is 3m. The setup is according to the requirements in ANSI C63.10-2020 and CAN/CSA-CEI/IEC CISPR 22.

The maximal emission value is acquired by adjusting the antenna height, polarisation and turntable azimuth. Normally, the height range of antenna is 1 m to 4 m, the azimuth range of turntable is 0° to 360°, and the receive antenna has two polarizations Vertical (V) and Horizontal (H).

Below 30MHz:

The EUT is placed on a turntable 0.8 meters above the ground in the chamber, 3 meter away from the antenna (loop antenna). The Antenna should be positioned with its plane vertical at the specified distance from the EUT and rotated about its vertical axis for maximum response at each azimuth about the EUT. The center of the loop shall be 1 m above the ground. For certain applications, the loop antenna plane may also need to be positioned horizontally at the specified distance from the EUT.

Above 30MHz:

The EUT is placed on a turntable 0.8 meters above the ground in the chamber, 3 meter away from the antenna. The maximal emission value is acquired by adjusting the antenna height, polarisation and turntable azimuth. Normally, the height range of antenna is 1 m to 4 m, the azimuth range of turntable is 0° to 360°, and the receive antenna has two polarizations Vertical (V) and Horizontal (H).

Above 1GHz:

The EUT is placed on a turntable 0.8 meters above the ground in the chamber, 3 meter away from the antenna. The maximal emission value is acquired by adjusting the antenna height, polarisation and turntable azimuth. Normally, the height range of antenna is 1 m to 4 m, the azimuth range of turntable is 0° to 360°, and the receive antenna has two polarizations Vertical (V) and Horizontal (H).

Measurements shall be taken, using the following steps, at a test site that has been validated using the procedures of ANSI C63.4 or the latest CISPR 16-1-4 for measurements above 1 GHz, so as to simulate a near free-space environment (see RSS-Gen for applicable versions of ANSI and CISPR standards).

(1) Line the ground plane with absorbers between the transmitter and the receive antenna to minimize reflections. The absorbers used should have a minimum-rated attenuation of 20 dB through the measurement frequency range of interest. The absorbers shall be positioned to replicate the layout used when compliance with the applicable acceptability criterion was achieved, as set forth in the aforementioned standards on site validation.

(2) Set the height of the receive antenna to 1.5 m. The receive antenna must be one that was designed and fabricated to operate over the entire frequency range of interest, for example, an appropriate standard gain horn.

(3) The distance between the receive antenna and the radiating source shall be sufficient in order to ensure far-field conditions.

(4) Mount the transmitter at a height of 1.5 m.

(5) Configure the device under test (DUT) to produce the maximum power spectral density as measured while assessing compliance with Section 6.2.2 (i.e. channel frequency, modulation type and data rate). If the DUT is equipped with a detachable antenna and the antenna is intended for remote installation (i.e.

tower-mounted), the DUT may be substituted with a suitable signal generator. The level and frequency settings on the generator shall be set so as to reproduce the maximum power spectral density, measured within a 1 MHz bandwidth, obtained while assessing compliance to Section 6.2.2.

(6) Position the transmitter or the radiating antenna so that elevation pattern measurements can be taken.

(7) Find the 0° reference point in the horizontal plane.

(8) Care should be taken when positioning the receive antenna to avoid cross-polarization. Antennas of known mounting polarization should be assessed with the receive antenna oriented in the same polarity. If the polarization of the transmit antenna is unknown or the transmit antenna can be mounted in either polarization, e.i.r.p. measurements should be performed to find which mounting polarity provides the highest e.i.r.p. value. Testing shall be carried out with the receive antenna and the DUT mounted in each polarity.

(9) The emission shall be centred on the display of the spectrum analyzer with the following settings:

i. If the power spectral density of the DUT was assessed with a peak detector and the antenna cannot be detached from the DUT, the spectrum analyzer shall be set to a peak detector with a resolution bandwidth and video bandwidth of 1 MHz.

ii. If the power spectral density of the DUT was assessed using a sample detector with power averaging and the antenna cannot be detached from the DUT, the spectrum analyzer shall be set to a sample detector, configured to produce 100 power averages and set with a resolution bandwidth, as well as a video bandwidth of 1 MHz.

iii. If the antenna can be detached from the DUT, a continuous wave (CW) signal equal to that of the power spectral density measurement may be used, the spectrum analyzer shall be set to peak detector with a resolution bandwidth and video bandwidth of 1 MHz.

(10) Rotate the turntable 360° recording the field strength at each step. Throughout the main beam of the antenna, the step size shall be kept to a maximum of 1°.

Once outside the main beam of the antenna, the maximum step size shall be as follows, when compared to the requirements of Section 6.2.2:

i. Between 0° and 8°, maximum step size of 2°;

ii. Between 8° and 40°, maximum step size of 4°;

iii. Between 40° and 45°, maximum step size of 1°;

iv. Between 45° and 90°, maximum step size of 5°.

Once the mask reaches 90°, the mask will be inverted and the step size will follow in the same manner as above.

For the purpose of this procedure, the main beam of the antenna is defined as the 3 dB beamwidth.

(11) Convert the measured field strength values in terms of e.i.r.p. density (dBW/1 MHz) using the following equation:

$$\text{e.i.r.p. density (dBW/MHz)} = 10 \log((E \cdot r)^2 / 30)$$

E = field strength in V/m

r = measurement distance in metres

(12) Plot the results against the emission mask with reference to the horizontal plane.

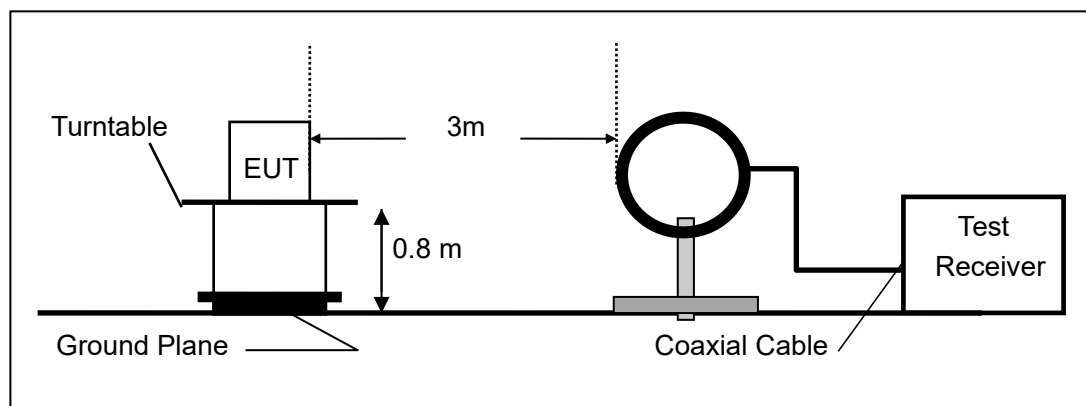
(13) Using the plot, the 0° can be rotated to determine the worst-case installation tilt angle.

(14) Testing shall be performed using the highest gain antenna for every antenna type, if applicable.

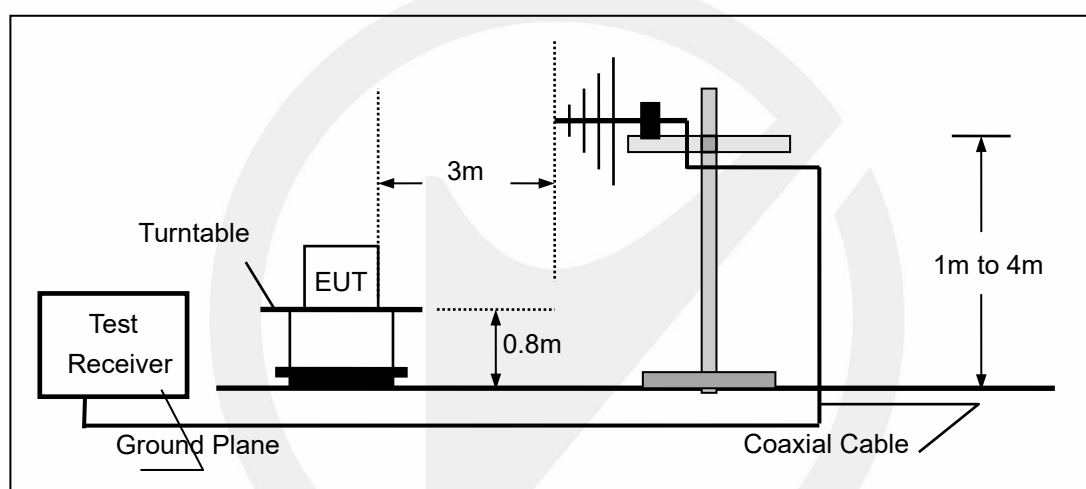
(15) Antenna type(s), antenna model number(s), and worst-case tilt angle(s) necessary to remain compliant with the elevation mask requirement set forth in Section 6.2.2(3) of RSS-247 shall be clearly indicated in the user manual.

The following figure is an example of a polar elevation mask measured using the Method 1 reference to dBμV/m at 3 m.

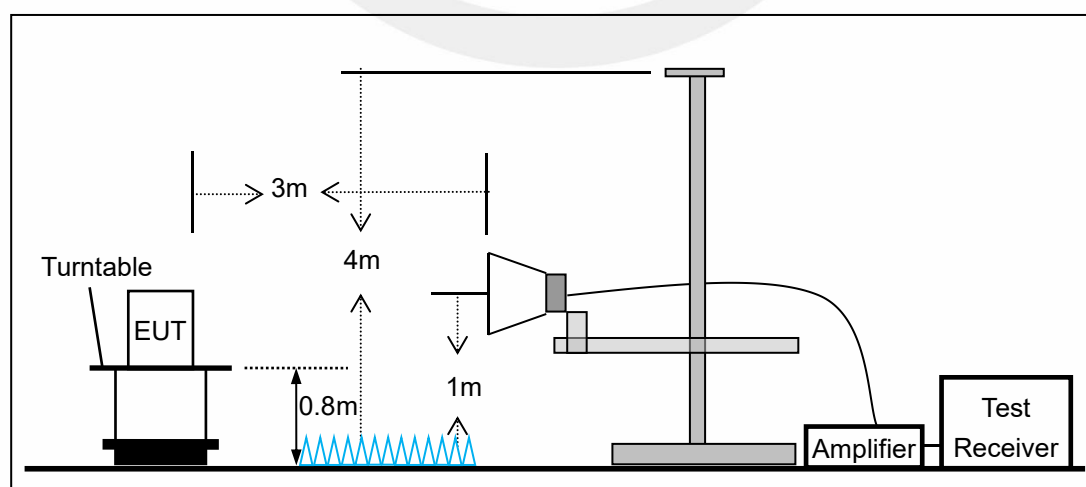
(a) Radiated Emission Test Set-Up, Frequency Below 30MHz



(b) Radiated Emission Test Set-Up, Frequency Below 1000MHz

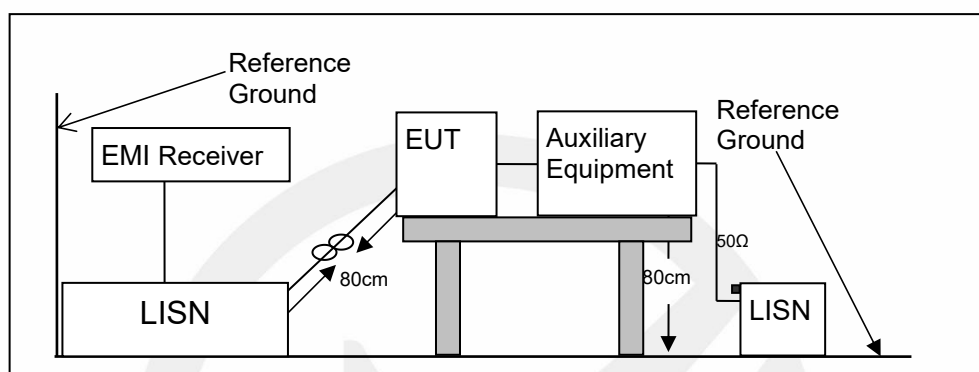


(c) Radiated Emission Test Set-Up, Frequency above 1000MHz

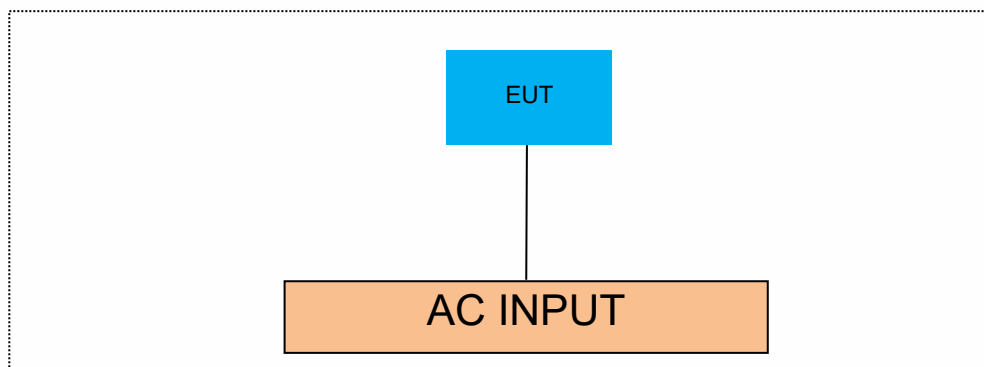


The mains cable of the EUT (maybe per AC/DC Adapter) must be connected to LISN. The LISN shall be placed 0.8 m from the boundary of EUT and bonded to a ground reference plane for LISN mounted on top of the ground reference plane. This distance is between the closest points of the LISN and the EUT. All other units of the EUT and associated equipment shall be at least 0.8m from the LISN.

According to the requirements in ANSI C63.10-2020 Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30 MHz using CISPR Quasi-Peak and average detector mode.



7.4 BLOCK DIAGRAM CONFIGURATION OF TEST SYSTEM



7.5 SUPPORT EQUIPMENT

EUT Cable List and Details			
Description	Manufacturer	Model	Serial Number
/	/	/	/

Auxiliary Cable List and Details			
Cable Description	Length (m)	Shielded/Unshielded	With / Without Ferrite
/	/	/	/

Auxiliary Equipment List and Details			
Description	Manufacturer	Model	Serial Number
Notebook	Lenovo	E46L	11S168003748Z0LR0 6E0HG
/	/	/	/

Notes:

1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.

8 TEST REQUIREMENTS

8.1 DTS 6DB BANDWIDTH

8.1.1 Applicable Standard

According to FCC Part15.247 (a)(2) and KDB 558074 D01 15.247 Meas Guidance v05r02
According to RSS-247 6.3.1

8.1.2 Conformance Limit

The minimum -6 dB bandwidth shall be at least 500 kHz.

8.1.3 Test Configuration

Test according to clause 6.1 radio frequency test setup

8.1.4 Test Procedure

The EUT was operating in WIFI mode and controlled its channel. Printed out the test result from the spectrum by hard copy function.

The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.

Set to the maximum power setting and enable the EUT transmit continuously

Set RBW = 100 kHz.

Set the video bandwidth (VBW) =300 kHz.

Set Span=2 times OBW

Set Detector = Peak.

Set Trace mode = max hold.

Set Sweep = auto couple.

Allow the trace to stabilize.

Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

Measure and record the results in the test report.

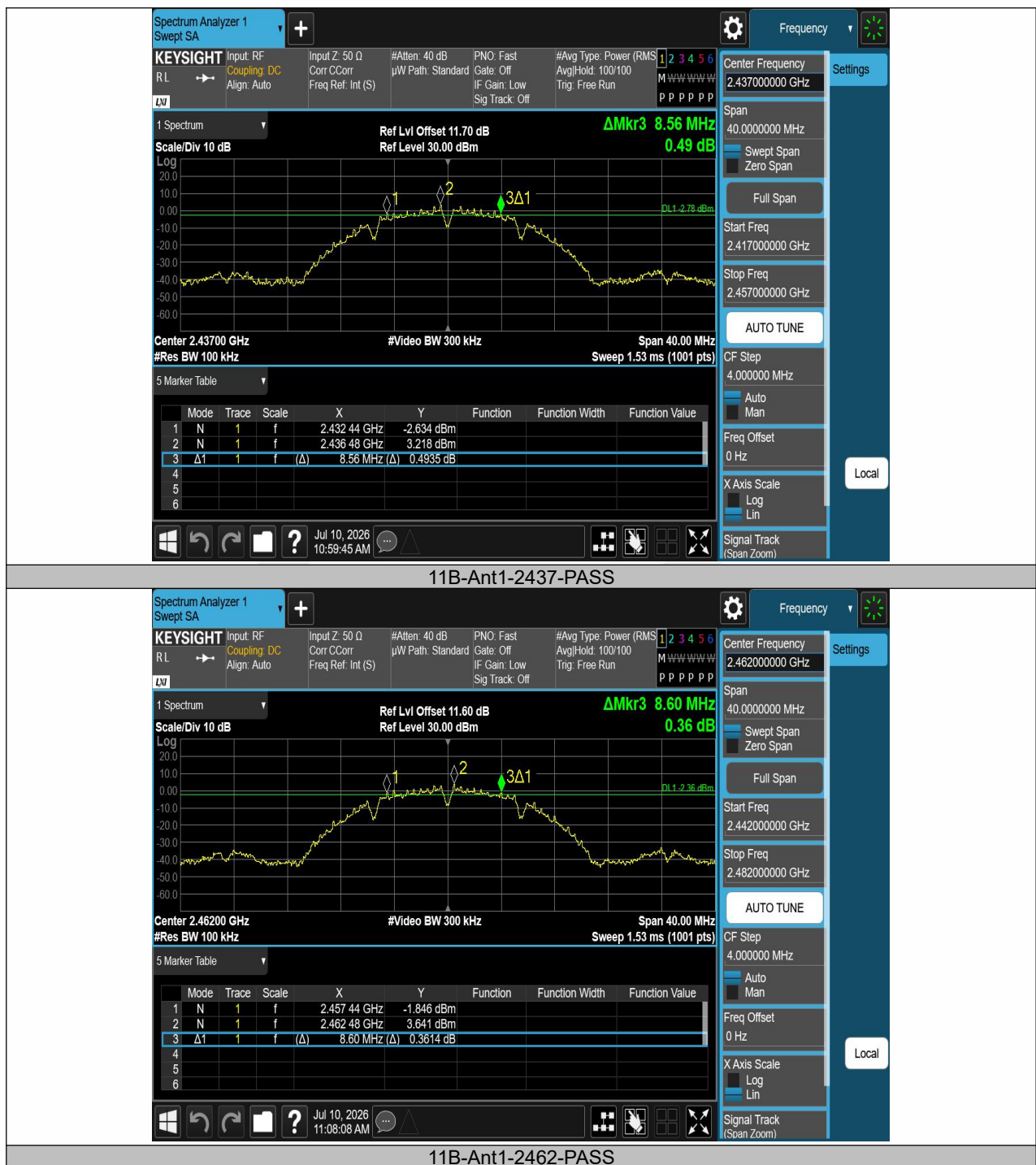
8.1.5 Test Results

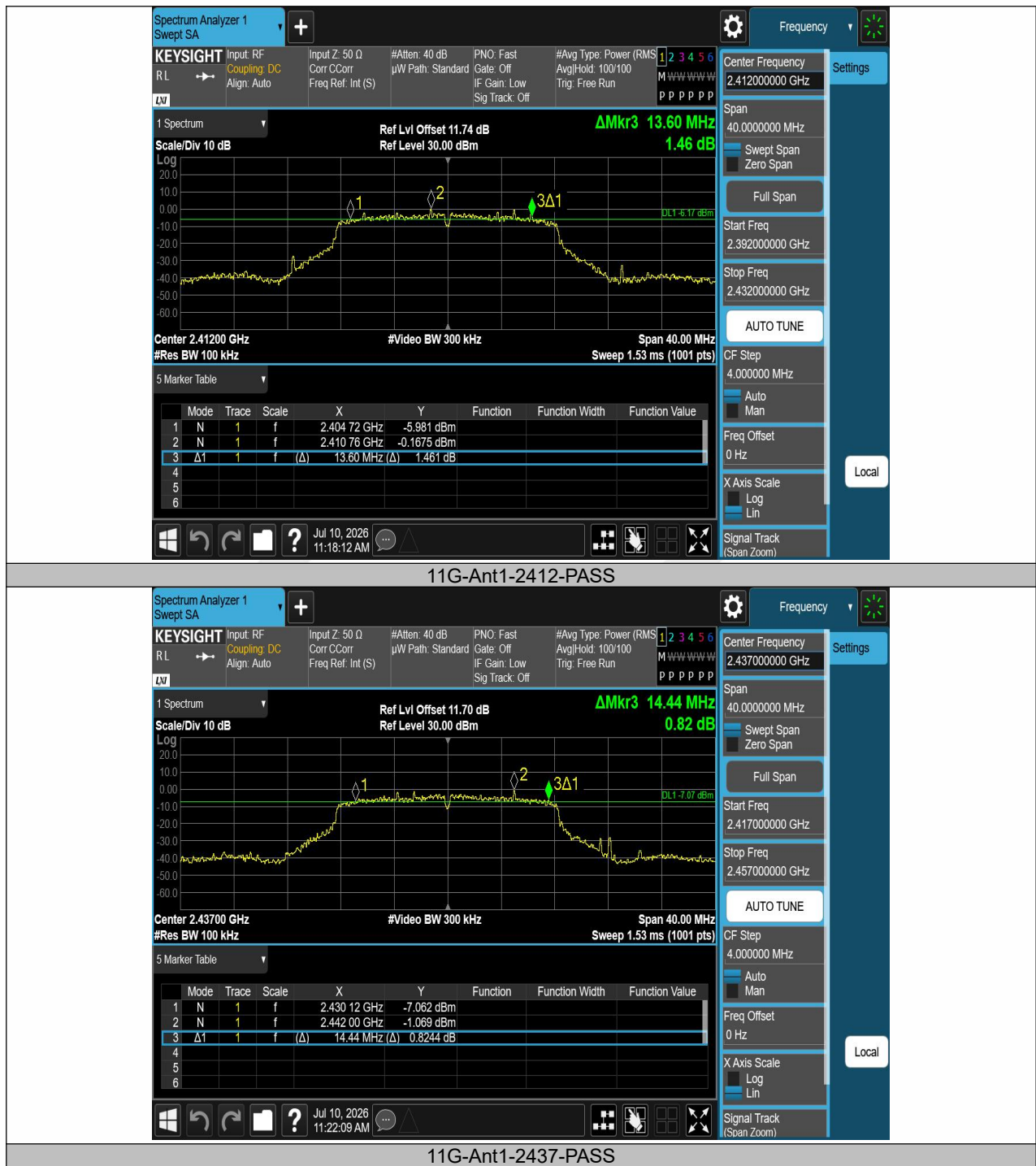
Temperature:	25°C
Relative Humidity:	45%
ATM Pressure:	1011 mbar

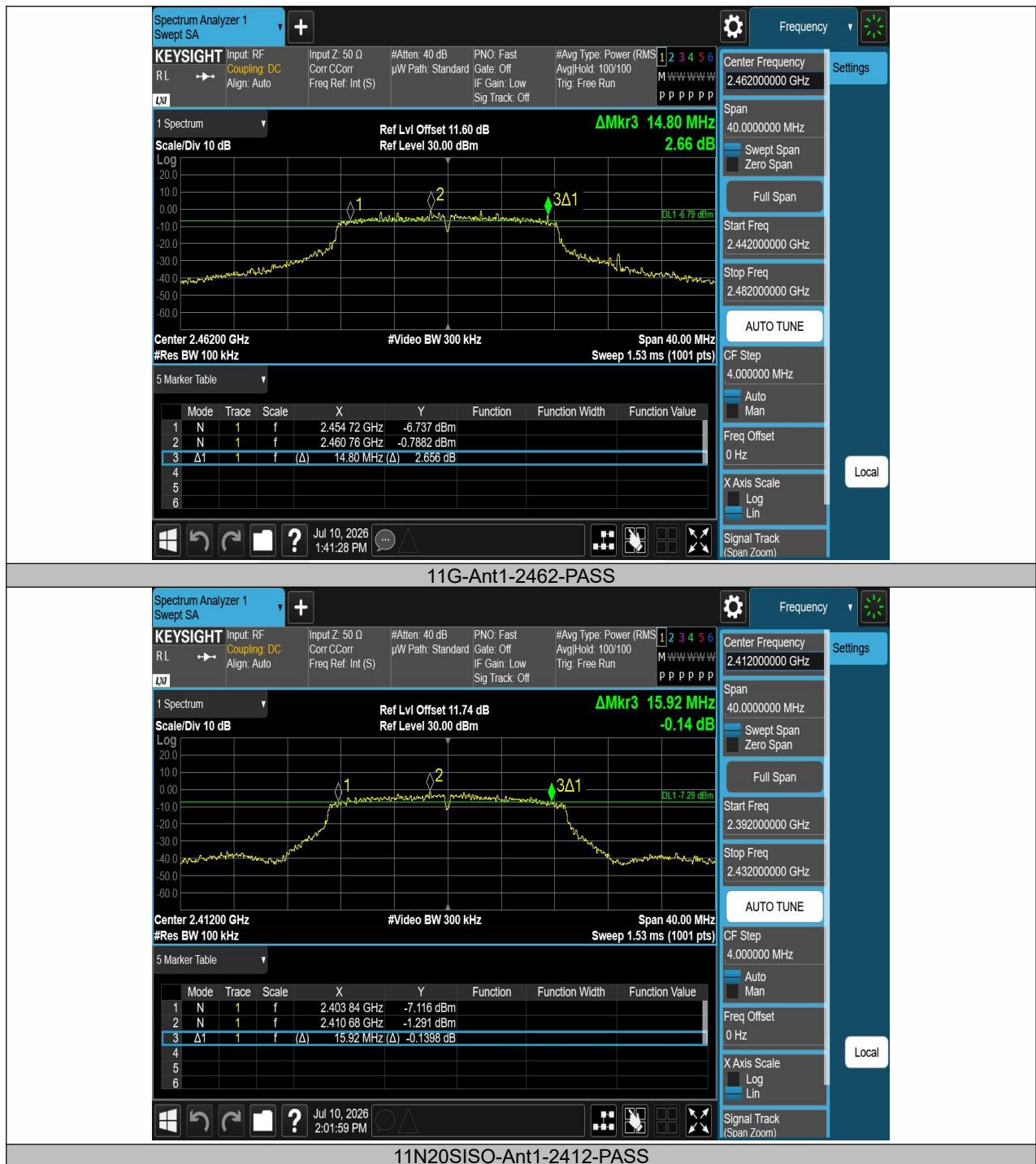
Note: N/A

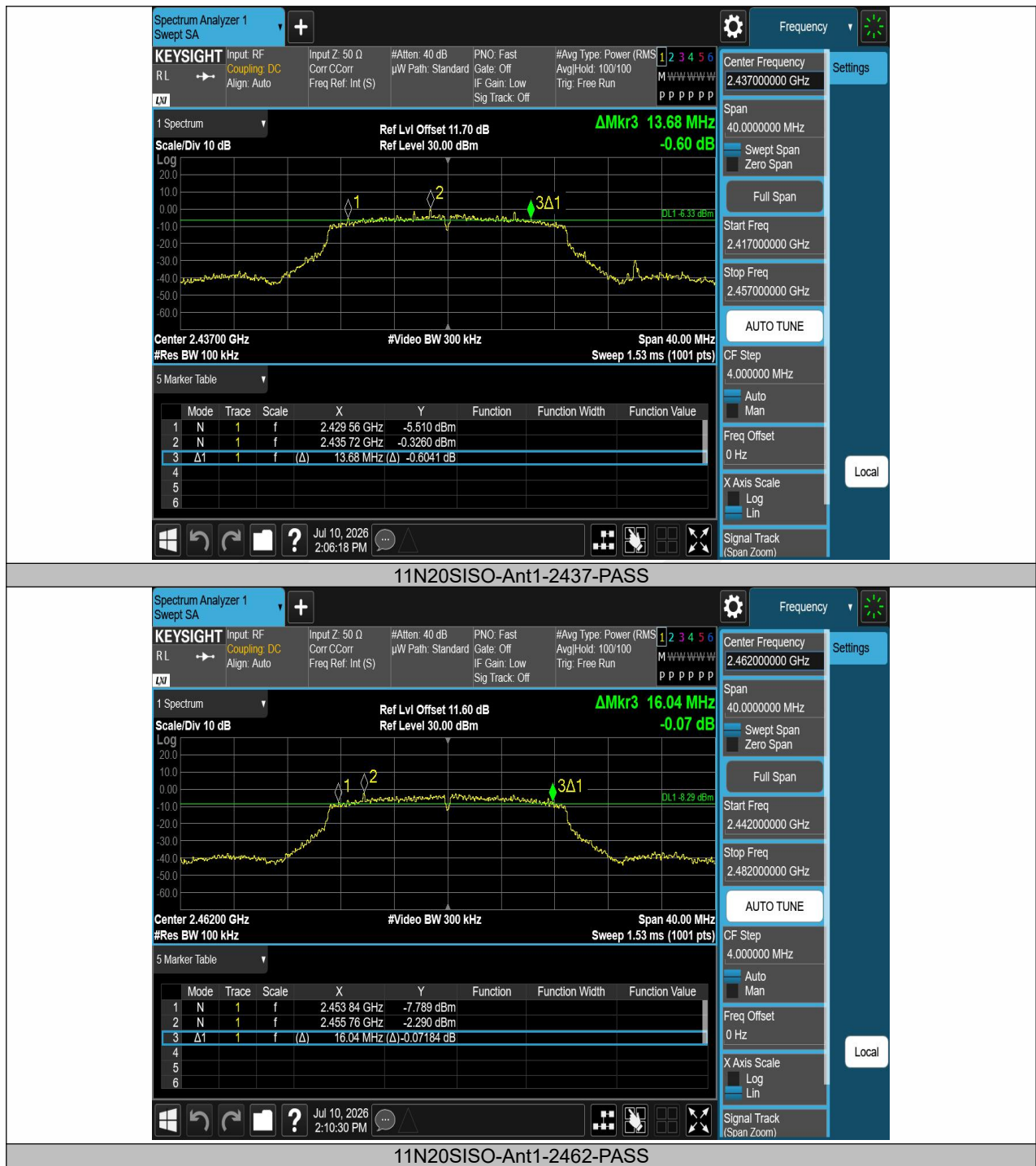
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.600	2407.920	2416.520	0.5	PASS
11B	Ant1	2437	8.560	2432.440	2441.000	0.5	PASS
11B	Ant1	2462	8.600	2457.440	2466.040	0.5	PASS
11G	Ant1	2412	13.600	2404.720	2418.320	0.5	PASS
11G	Ant1	2437	14.440	2430.120	2444.560	0.5	PASS
11G	Ant1	2462	14.800	2454.720	2469.520	0.5	PASS
11N20SISO	Ant1	2412	15.920	2403.840	2419.760	0.5	PASS
11N20SISO	Ant1	2437	13.680	2429.560	2443.240	0.5	PASS
11N20SISO	Ant1	2462	16.040	2453.840	2469.880	0.5	PASS
11N40SISO	Ant1	2422	35.040	2404.480	2439.520	0.5	PASS
11N40SISO	Ant1	2437	35.040	2419.480	2454.520	0.5	PASS
11N40SISO	Ant1	2452	33.760	2435.760	2469.520	0.5	PASS
11AX20SISO	Ant1	2412	13.080	2405.680	2418.760	0.5	PASS
11AX20SISO	Ant1	2437	16.040	2429.520	2445.560	0.5	PASS
11AX20SISO	Ant1	2462	16.040	2453.520	2469.560	0.5	PASS
11AX40SISO	Ant1	2422	34.960	2404.480	2439.440	0.5	PASS
11AX40SISO	Ant1	2437	35.040	2419.480	2454.520	0.5	PASS
11AX40SISO	Ant1	2452	32.640	2435.680	2468.320	0.5	PASS

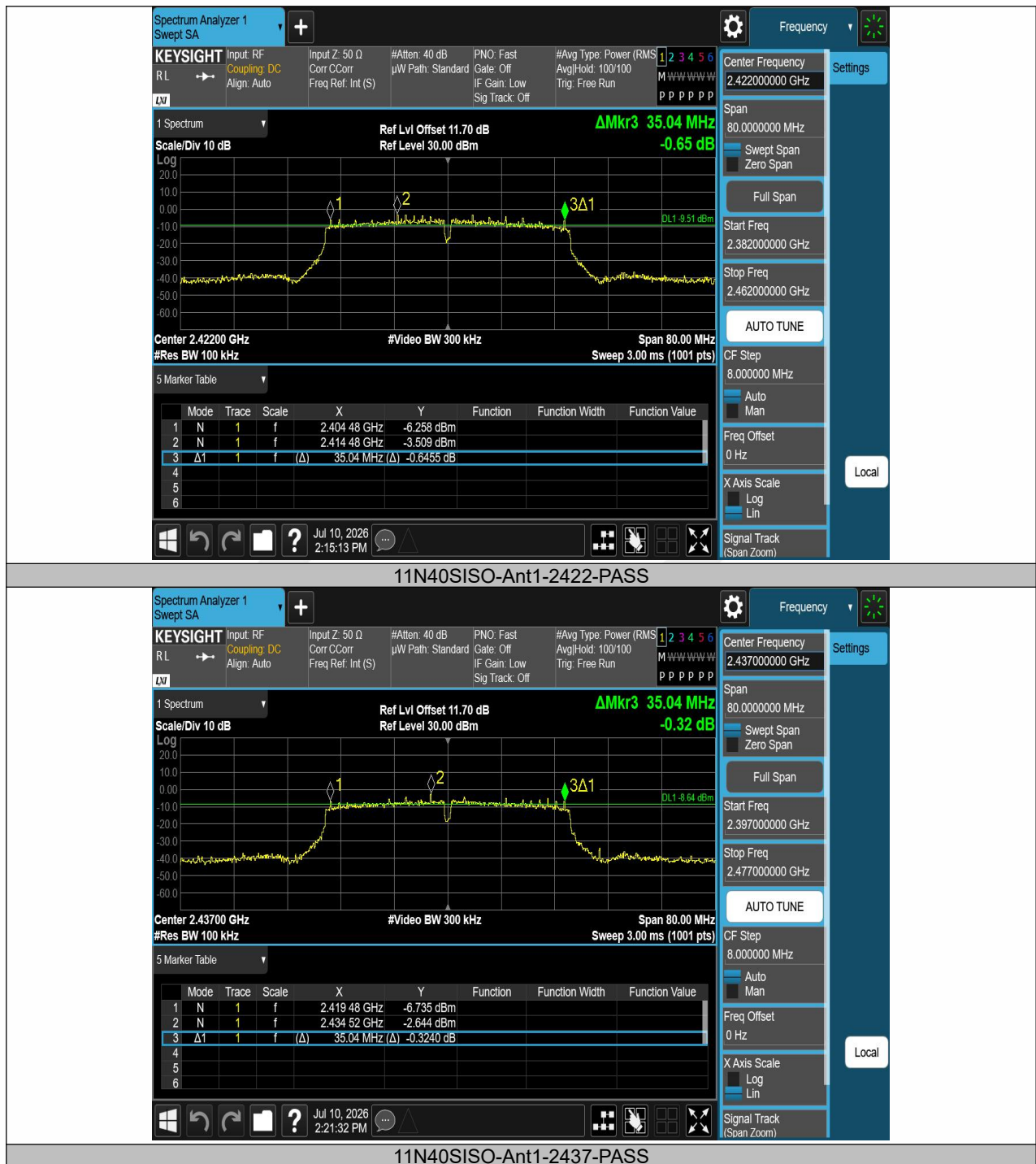


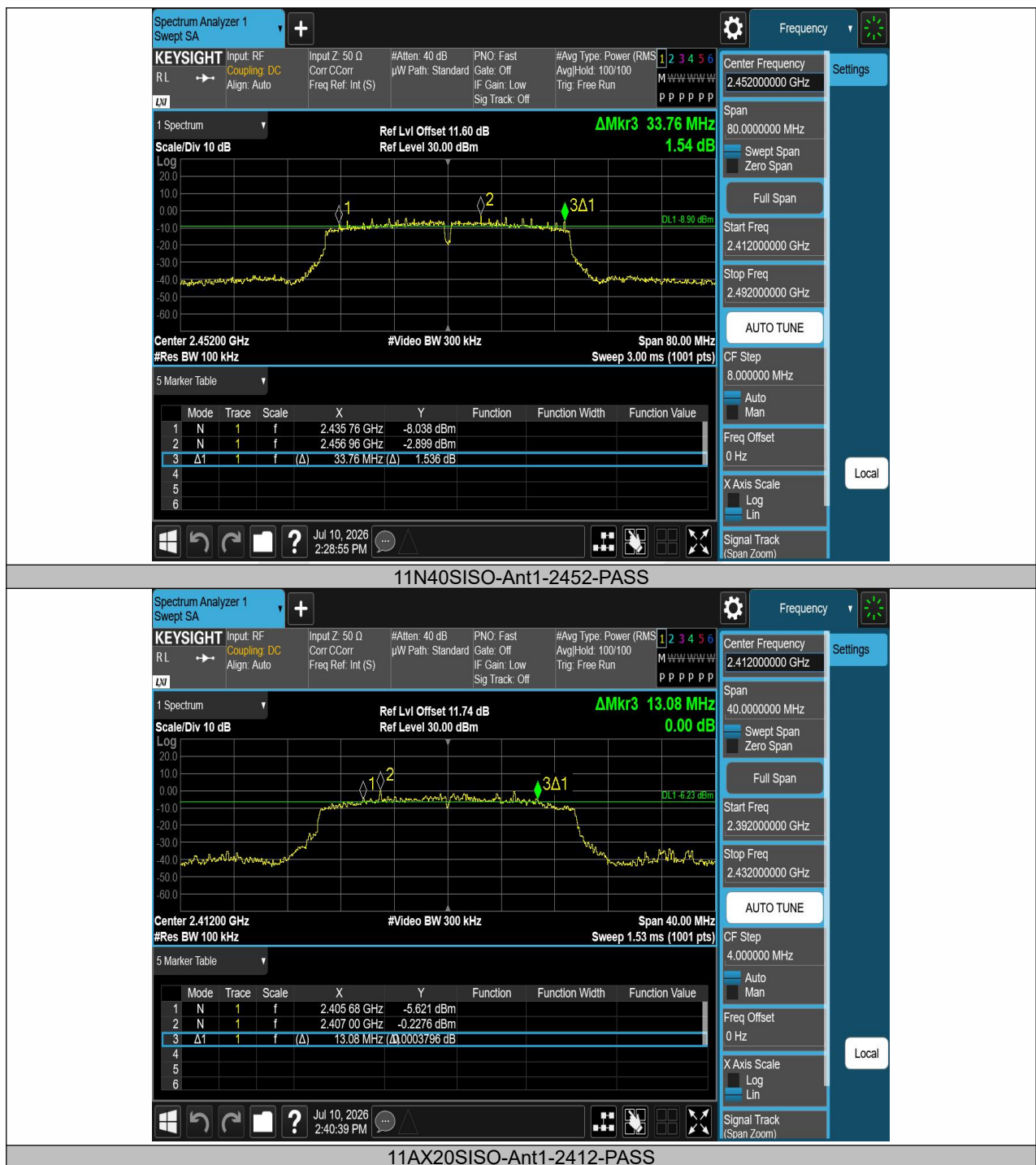


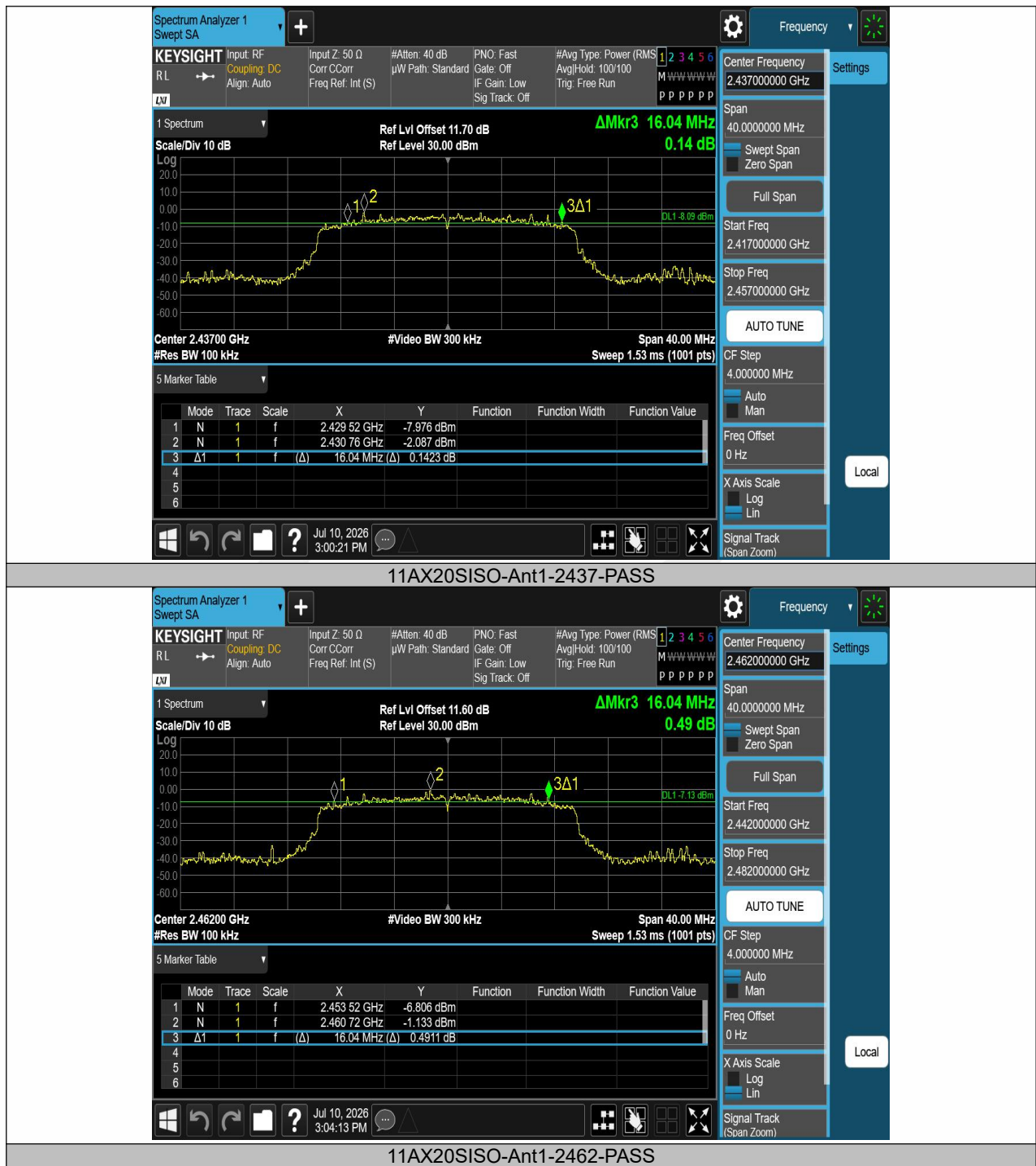


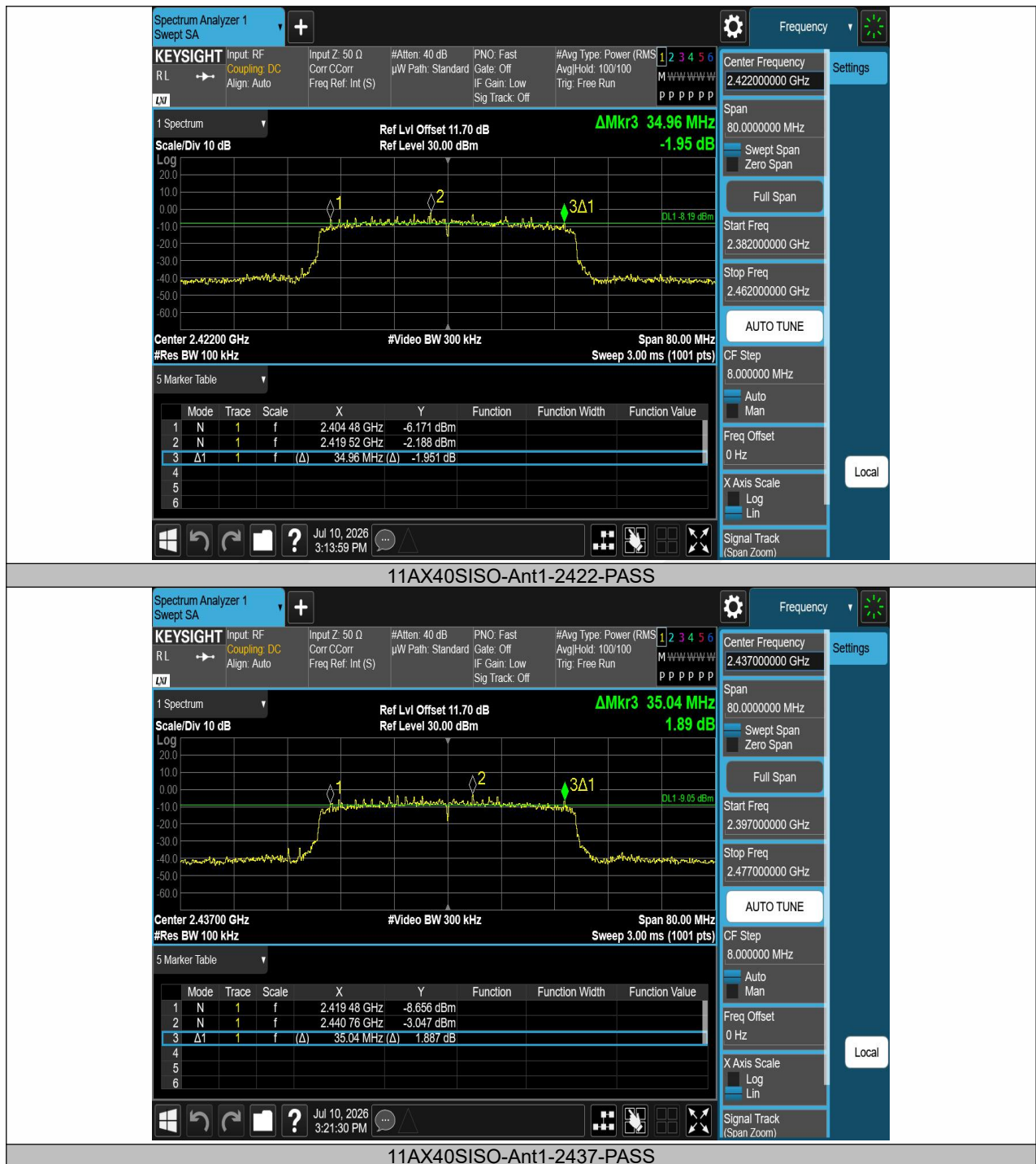














8.2 DTS 99% BANDWIDTH

8.2.1 Applicable Standard

According to RSS-Gen 6.7 and KDB 558074 D01 DTS Meas Guidance v05r02

8.2.2 Test Configuration

Test according to clause 7.1 radio frequency test setup 1

8.2.3 Test Procedure

The EUT was operating in Bluetooth mode and controlled its channel. Printed out the test result from the spectrum by hard copy function.

The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.

Set to the maximum power setting and enable the EUT transmit continuously

Set RBW = 1%-5% OBW.

Set the video bandwidth (VBW) $\geq 3 \times \text{RBW}$.

Set Span=approximately 2 to 3 times the 20 dB bandwidth.

Set Detector = Peak.

Set Trace mode = max hold.

Set Sweep = auto couple.

Allow the trace to stabilize.

Use the 99 % power bandwidth function of the instrument

Measure the maximum width of the emission.

If this value varies with different modes of operation (e.g., data rate, modulation format, etc.), repeat this test for each variation.

Measure and record the results in the test report.

8.2.4 Test Results

Temperature:	25°C
Relative Humidity:	45%
ATM Pressure:	1011 mbar

Note: N/A

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.388	2404.7473	2419.1353	---	---
11B	Ant1	2437	14.435	2429.7977	2444.2327	---	---
11B	Ant1	2462	14.324	2454.8510	2469.1750	---	---
11G	Ant1	2412	16.695	2403.5974	2420.2924	---	---
11G	Ant1	2437	16.709	2428.6435	2445.3525	---	---
11G	Ant1	2462	17.314	2453.3188	2470.6328	---	---
11N20SISO	Ant1	2412	17.740	2403.0996	2420.8396	---	---
11N20SISO	Ant1	2437	17.852	2428.1096	2445.9616	---	---
11N20SISO	Ant1	2462	17.692	2453.1603	2470.8523	---	---
11N40SISO	Ant1	2422	36.184	2403.8093	2439.9933	---	---
11N40SISO	Ant1	2437	36.383	2418.7587	2455.1417	---	---
11N40SISO	Ant1	2452	36.144	2433.9338	2470.0778	---	---
11AX20SISO	Ant1	2412	18.778	2402.5733	2421.3513	---	---
11AX20SISO	Ant1	2437	18.771	2427.5989	2446.3699	---	---
11AX20SISO	Ant1	2462	18.846	2452.5785	2471.4245	---	---
11AX40SISO	Ant1	2422	37.438	2403.1896	2440.6276	---	---
11AX40SISO	Ant1	2437	37.564	2418.1637	2455.7277	---	---
11AX40SISO	Ant1	2452	37.440	2433.2705	2470.7105	---	---













