

Industrial Internet Innovation Center (Shanghai) Co.,Ltd.

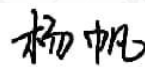
SRD TEST REPORT

PRODUCT	Bluetooth & WiFi 2.4G/5G Module
BRAND	WNC
MODEL	UWM-XP9098V2
APPLICANT	Wistron NeWeb Corporation
FCC ID	NKRUWM-XP9098V2
ISSUE DATE	March 15, 2024
STANDARD(S)	FCC Part15C

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1. Summary of Test Report

1.1 Test Standard(s)

No.	Test Standard	Title	Version
1	FCC Part15C	FCC CFR 47, Part 15, Subpart C: 15.205 Restricted bands of operation; 15.209 Radiated emission limits, general requirements; 15.247 Operation within the bands 902-928MHz, 2400-2483.5MHz, and 5725-5850MHz.	--

1.2 Reference Documents

No.	Test Standard	Title	Version
1	ANSI C63.10	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices	2013
2	KDB 558074 D01 15.247 Meas Guidance v05r02	Guidance for Performing Compliance Measurements on Frequency Hopping Spread Spectrum systems (DSS) Operating Under §15.247	--
Note: KDB 558074 D01 15.247 Meas Guidance v05r02 is not A2LA certified.			

1.3 Summary of Test Results

No.	Measurement Items	FCC Rules	Verdict
1	Duty cycle	15.247(b)	Pass
2	Maximum Peak Output Power	15.247(b)	Pass
3	Peak Power Spectral Density	15.247(e)	Pass
4	6dB Occupied Bandwidth	15.247(a)	Pass
5	99% Occupied Bandwidth	N/A	Pass
6	Band Edges Compliance	15.247(d)	Pass
7	Transmitter Spurious Emission-Conducted	15.247(d)	Pass
8	Transmitter Spurious Emission-Radiated	15.247/15.205/15.209	Pass
9	AC Powerline Conducted Emission	15.207	Pass
10	Antenna requirement	15.203/15.247(c)	Pass ^{Note 2}

NOTE1:

The UWM-XP9098V2 manufactured by WNC (Kunshan) Corporation Company Limited is a new products for testing.

Industrial Internet Innovation Center (Shanghai) Co., Ltd. only performed test cases which identified with Pass/Fail/Inc result in section 1.3.

Industrial Internet Innovation Center (Shanghai) Co., Ltd. has verified that the compliance of the tested device specified in section 4 of this test report is successfully evaluated according to the procedure and test methods as defined in type certification requirement listed in section 1 of this test report.

Note2:

2.4G WLAN used a FPC antenna with max Gain 2.27dBi that complied with 15.203 Requirements.

a. All the test data for each data were verified, but only the worst case was reported.

1.4 Data Provided by Applicant

No.	Item(s)	Data
1	Antenna gain of EUT	2.27 dBi

Note: The data of antenna gain is provided by the Antenna specification may affect the validity of the test results in this report, and the impact and consequences of this shall be undertaken by the customer.

2. General Information of The Laboratory

2.1 Testing Laboratory

Lab Name	Industrial Internet Innovation Center (Shanghai) Co.,Ltd.
Address	Building 4, No. 766, Jingang Road, Pudong, Shanghai, China
Telephone	021-68866880
FCC Registration No.	708870
FCC Designation No.	CN1364

2.2 Laboratory Environmental Requirements

Temperature	15°C~35°C
Relative Humidity	25%RH~75%RH
Atmospheric Pressure	86kPa~106kPa

2.3 Project Information

Project Manager	Xu Yuting
Test Date	December 06, 2023 to February 06, 2024

3. General Information of The Customer

3.1 Applicant

Company	Wistron NeWeb Corporation
Address	20 Park Avenue II, Hsinchu Science Park, Hsinchu 308, Taiwan, R.O.C
Telephone	+886 3-666-7799

3.2 Manufacturer

Company	WNC (Kunshan) Corporation Company Limited
Address	NO.88, Central Avenue, Comprehensive Free Trade Zone, Kunshan, Jiangsu, China
Telephone	+86-25-84821688 Ext: 6190

4. General Information of The Product

4.1 Product Description for Equipment under Test (EUT)

Product Name	Bluetooth & WiFi 2.4G/5G Module
Model name	UWM-XP9098V2
Date of Receipt	S07aa/S09aa: December 06, 2023
EUT ID*	S07aa/S09aa
SN/IMEI	S07aa: N7M5N3700B2J01 S09aa: N7M5N3700C4J01
Supported Radio Technology and Bands	BT 5.3 BR/EDR/BLE WLAN 802.11b/g/n/ac/ax WLAN 802.11a/n/ac/ax
Hardware Version	G02
Software Version	NA
FCC ID	NKRUWM-XP9098V2
NOTE1: EUT ID is the internal identification code of the laboratory. NOTE2: Samples in the test report are provided by the customer. The test results are only applicable to the samples received by the laboratory.	

4.2 Internal Identification of AE used during the test

AE ID*	Description	Model	SN/Remark
AE1	RF Cable	N/A	N/A
EA01	Connecting Cable	N/A	N/A
EB02	PCB Board	N/A	N/A
CA01	Adapter	ADS0271-B120200	N/A
UC01	Serial cable	N/A	For EUT debugging
UD01	Lan Cable	N/A	For EUT debugging
AE1	Notebook PC	N/A	For EUT debugging
NOTE1: AE ID is the internal identification code of the laboratory.			

4.3 Additional Information

WLAN Frequency	2412MHz-2462MHz
WLAN Channel	CH1-11
WLAN type of modulation	802.11b: DSSS 802.11g/n/ac/ax: OFDM

Test frequency list:

BW_20M	Channel	1	6	11
	Freq. (MHz)	2412	2437	2462
BW_40M	Channel	3	6	9
	Freq. (MHz)	2422	2437	2452

Note: This report is for 2.4G WLAN only.

5. Test Configuration Information

5.1 Laboratory Environmental Conditions

5.1.1 Permanent Facilities

Relative Humidity	Min. = 45 %, Max. = 55 %		
Atmospheric Pressure	101kPa		
Temperature	Normal	Minimum	Maximum
	25°C	-40°C	85°C
Working Voltage of EUT	Normal	Minimum	Maximum
	3.3V, 1.8V	3.14V, 1.71V	3.46V, 1.89V

5.2 Test Equipments Utilized

5.2.1 Conducted Test System

No.	Name	Model	S/N	SW Version	HW Version	Manufacturer	Cal. Date	Cal. Interval
1	Test Software	TS1120	10727	V3.2.22	N/A	Tonscend	N/A	N/A
2	Automatic control unit	JS0806-2	2218060623	N/A	N/A	Tonscend	2023-05-06	1 Year
3	Wireless communication comprehensive tester	CMW500	164865	V3.8.12	N/A	R&S	2023-07-26	1 Year
4	Spectrum Analyzer	FSQ40	200063	V4.75	N/A	R&S	2023-10-16	1 Year
5	Analog Signal Generator	SMF	104770	V3.0.13.0-2.20.530.15.4	N/A	R&S	2023-10-16	1 year
6	Vector Signal Generator	SMCV100B	103691	V5.00.122.24	N/A	R&S	2023-07-27	1 Year
7	Programmable Power Supply	Keithley 2303	4039070	N/A	N/A	Keithley	2023-06-23	1 Year
8	Temperature box	B-TF-107C	BTF107C-201804107	N/A	N/A	Boyi	2023-06-28	1 Year
9	Network test unit AP	GT-AXE11000	N2IG0X401637KWF	V3.0.0.4.386_45940	N/A	ASUS	N/A	N/A
10	Vector Signal Generator	SMBV100A	257904	V4.15.125.49	N/A	R&S	2023-10-16	1 Year

5.2.2 Radiated Emission Test System

No.	Name	Model	S/N	SW Version	HW Version	Manufacturer	Cal. Date	Cal. Interval
1	Universal Radio Communication Tester	CMU200	123126	V5.2.1	B12	R&S	2023-10-16	1 Year
2	Universal Radio Communication Tester	CMW500	104178	V3.7.20	1206.06 00.00	R&S	2023-10-16	1 Year
3	EMI Test Receiver	ESU40	100307	V5.1-24-3	01	R&S	2022-12-19 2023-12-19	1 Year
4	TRILOG Broadband Antenna	VULB9163	01345	N/A	N/A	Schwarzbeck	2023-03-23	1 Year
5	Double-ridged Waveguide Antenna	ETS-3117	00135890	N/A	N/A	ETS	2022-03-09	2 Years
6	EMI Test Software	EMC32 V10.35.02	N/A	N/A	N/A	R&S	N/A	N/A
7	Horn Antenna	3160-09	LM6321	N/A	N/A	R&S	2023-07-16	1 Year
8	Horn Antenna	3160-10	LM5942	N/A	N/A	R&S	2023-07-16	1 Year
9	Loop Antenna	AL-130R	121083	N/A	N/A	COM-POWER	2023-9-13	1 Year
10	Preamplifier	SCU08F1	8320024	N/A	N/A	R&S	2023-10-16	1 Year
11	Preamplifier	SCU18	10155	N/A	N/A	R&S	2023-10-16	1 Year
12	Preamplifier	SCU26	10025	N/A	N/A	R&S	2023-10-16	1 Year
13	Preamplifier	SCU40	10020	N/A	N/A	R&S	2023-10-16	1 Year
14	2-Line V-Network	ENV216	101380	N/A	N/A	R&S	2023-12-19	1 Year
15	EMI Test Software	EMC32 V10.35.02	N/A	N/A	N/A	R&S	N/A	N/A
16	Test Receiver	ESCI	101235	V5.1-24-3	0	R&S	2023-12-19	1 Year

5.2.3 Test Environment

Shielding Room1 (6.0 meters×3.0 meters×2.7 meters) did not exceed following limits along the conducted RF performance testing:

Temperature	Min. = 15 °C, Max. = 35 °C
Relative humidity	Min. = 20 %, Max. = 75 %
Shielding effectiveness	> 100 dB
Ground system resistance	< 0.5 Ω
Temperature	Min. = 15 °C, Max. = 35 °C

Control room did not exceed following limits along the EMC testing:

Temperature	Min. = 15 °C, Max. = 35 °C
Relative humidity	Min. = 30 %, Max. = 60 %
Shielding effectiveness	> 100 dB
Electrical insulation	> 10 kΩ
Ground system resistance	< 0.5 Ω

Fully-anechoic chamber1 (9.8 meters×6.7 meters×6.7 meters) did not exceed following limits along the EMC testing:

Temperature	Min. = 15 °C, Max. = 35 °C
Relative humidity	Min. = 25 %, Max. = 75 %
Shielding effectiveness	> 100 dB
Electrical insulation	> 10 kΩ
Ground system resistance	< 0.5 Ω
VSWR	Between 0 and 6 dB, from 1GHz to 18GHz
Site Attenuation Deviation	Between -4 and 4 dB, 30MHz to 1GHz

5.3 Measurement Uncertainty

Measurement Uncertainty of Conduction test

Item(s)	Frequency range	Confidence Level	Uncertainty
DTS Bandwidth	2400–2483.5MHz	95%	±1.9%
Maximum Conducted Output Power	2400–2483.5MHz	95%	± 1.18 dB
Maximum Power Spectral Density Level	2400–2483.5MHz	95%	±0.98 dB
Band-edge Compliance	2400–2483.5MHz	95%	±1.21dB
Unwanted Emissions In Non-restricted Freq Bands	9kHz-7GHz	95%	9kHz-7GHz:±1.21dB

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	7GHz-40GHz	95%	7GHz-40GHz:±3.31dB
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Measurement Uncertainty of Radiation test

Measurement Items	Uncertainty(dB)
Radiated Emission 30MHz-1000MHz	±5.10
Radiated Emission 1000MHz-18000MHz	±5.66
Radiated Emission 18000MHz-40000MHz	±5.22
AC Powerline Conducted Emission	±4.38

Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

6. Test Results

6.1 Duty cycle

6.1.1 Measurement Limit

Standard	Limit (dBm)
FCC 47 Part 15.247(b)	N/A

6.1.2 Test Procedure

This measurement is according to ANSI C63.10 clause 11.6

Measurements of duty cycle and transmission duration shall be performed using one of the following techniques:

- A diode detector and an oscilloscope that together have a sufficiently short response time to permit accurate measurements of the ON and OFF times of the transmitted signal.
- The zero-span mode on a spectrum analyzer or EMI receiver if the response time and spacing between bins on the sweep are sufficient to permit accurate measurements of the ON and OFF times of the transmitted signal:
 - Set the center frequency of the instrument to the center frequency of the transmission.
 - Set $RBW \geq OBW$ if possible; otherwise, set RBW to the largest available value.
 - Set $VBW \geq RBW$. Set detector = peak or average.
 - The zero-span measurement method shall not be used unless both RBW and VBW are $> 50/T$ and the number of sweep points across duration T exceeds 100. (For example, if VBW and/or RBW are limited to 3 MHz, then the zero-span method of measuring the duty cycle shall not be used if $T \leq 16.7 \mu s$.)

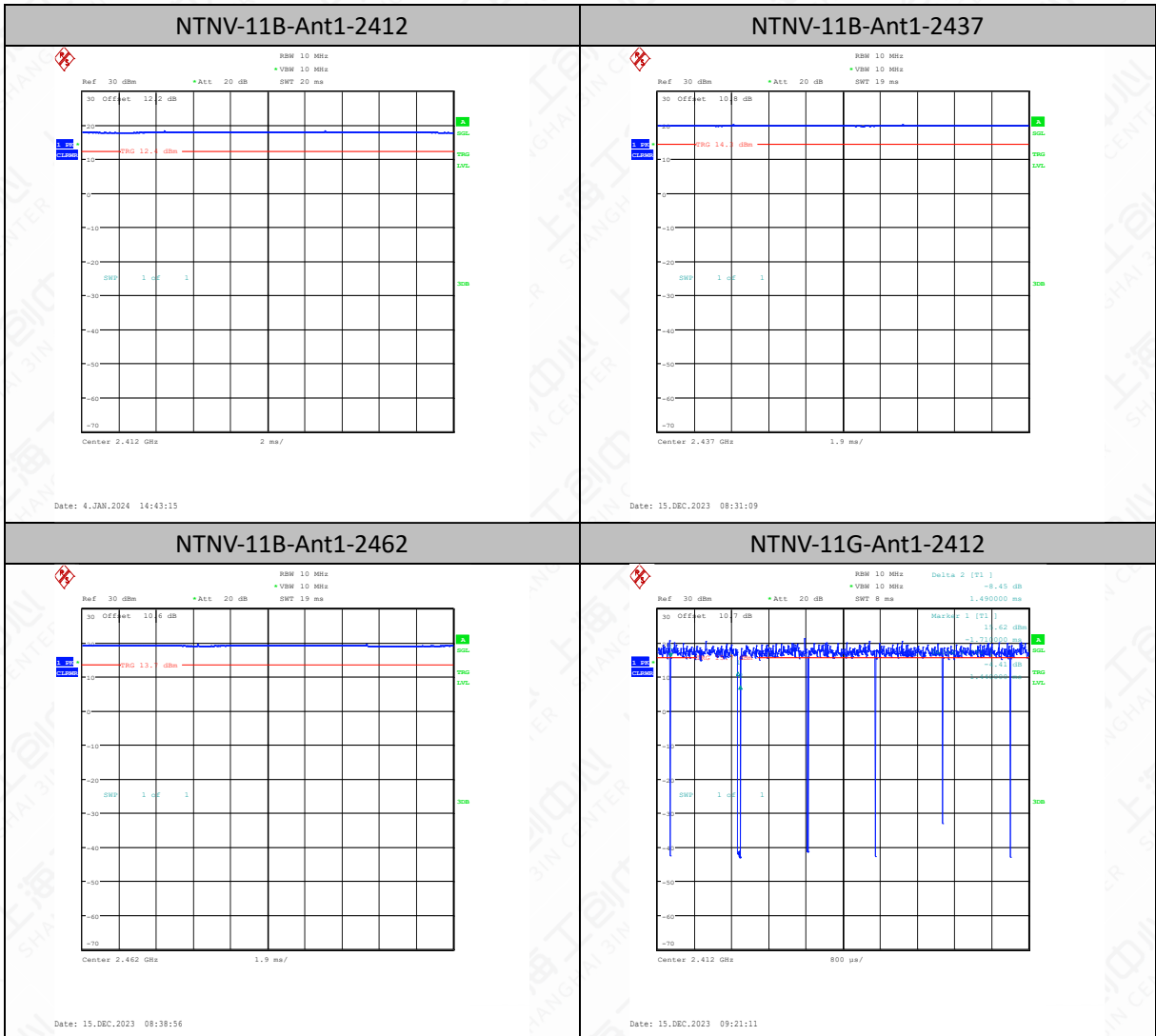
6.1.3 Measurement Results

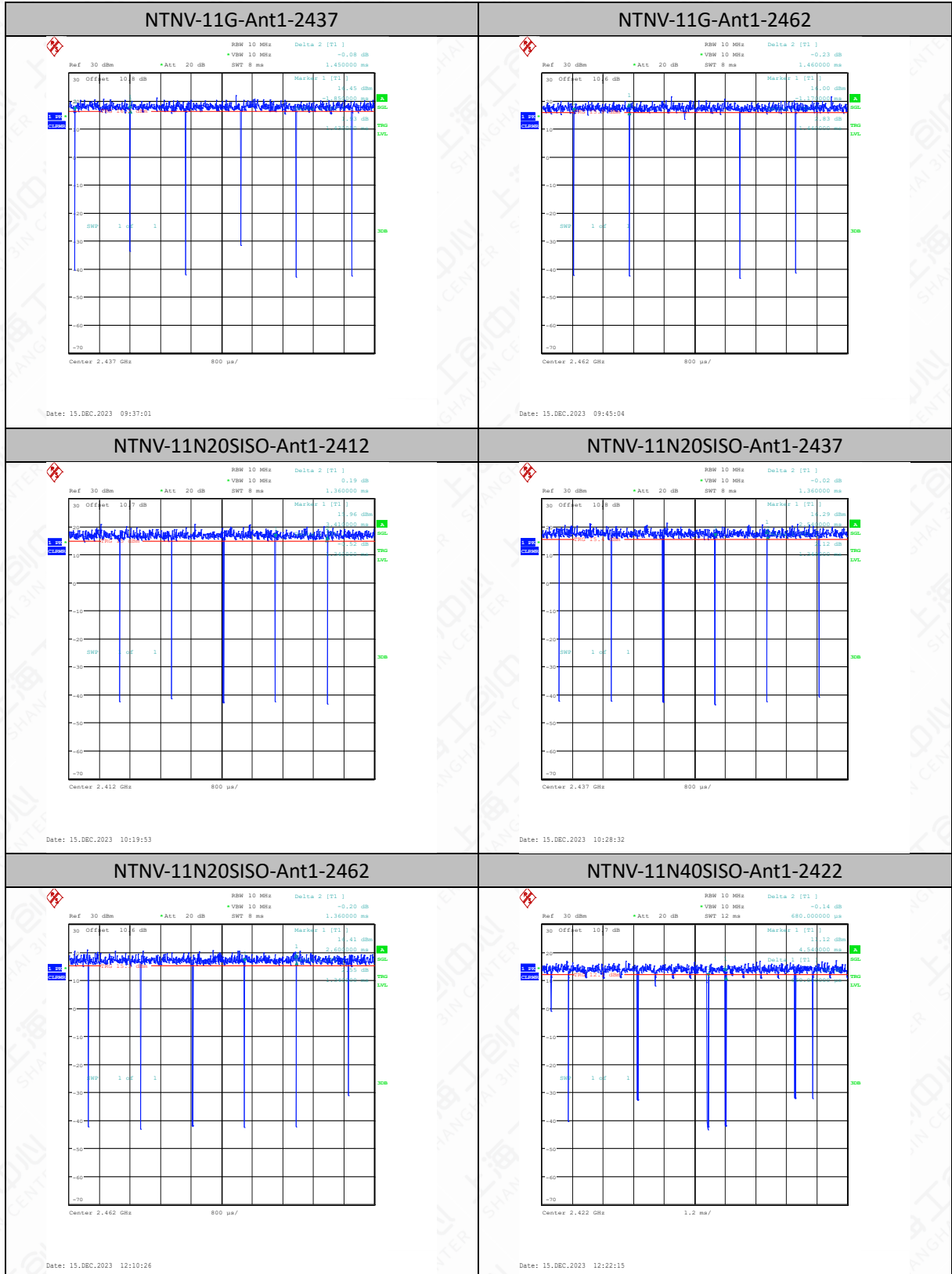
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor
11B	Ant1	2412	20.00	20.00	100.00	0.00
11B	Ant1	2437	19.00	19.00	100.00	0.00
11B	Ant1	2462	19.00	19.00	100.00	0.00
11G	Ant1	2412	1.44	1.49	96.64	0.15
11G	Ant1	2437	1.43	1.45	98.62	0.06
11G	Ant1	2462	1.44	1.46	98.63	0.06
11N20SISO	Ant1	2412	1.34	1.36	98.53	0.06
11N20SISO	Ant1	2437	1.34	1.36	98.53	0.06
11N20SISO	Ant1	2462	1.34	1.36	98.53	0.06
11N40SISO	Ant1	2422	0.66	0.68	97.06	0.13
11N40SISO	Ant1	2437	2.03	2.09	97.13	0.13
11N40SISO	Ant1	2452	0.66	0.69	95.65	0.19
11AC20SISO	Ant1	2412	1.35	1.37	98.54	0.06
11AC20SISO	Ant1	2437	1.36	1.37	99.27	0.03
11AC20SISO	Ant1	2462	1.35	1.37	98.54	0.06
11AC40SISO	Ant1	2422	0.67	0.69	97.10	0.13

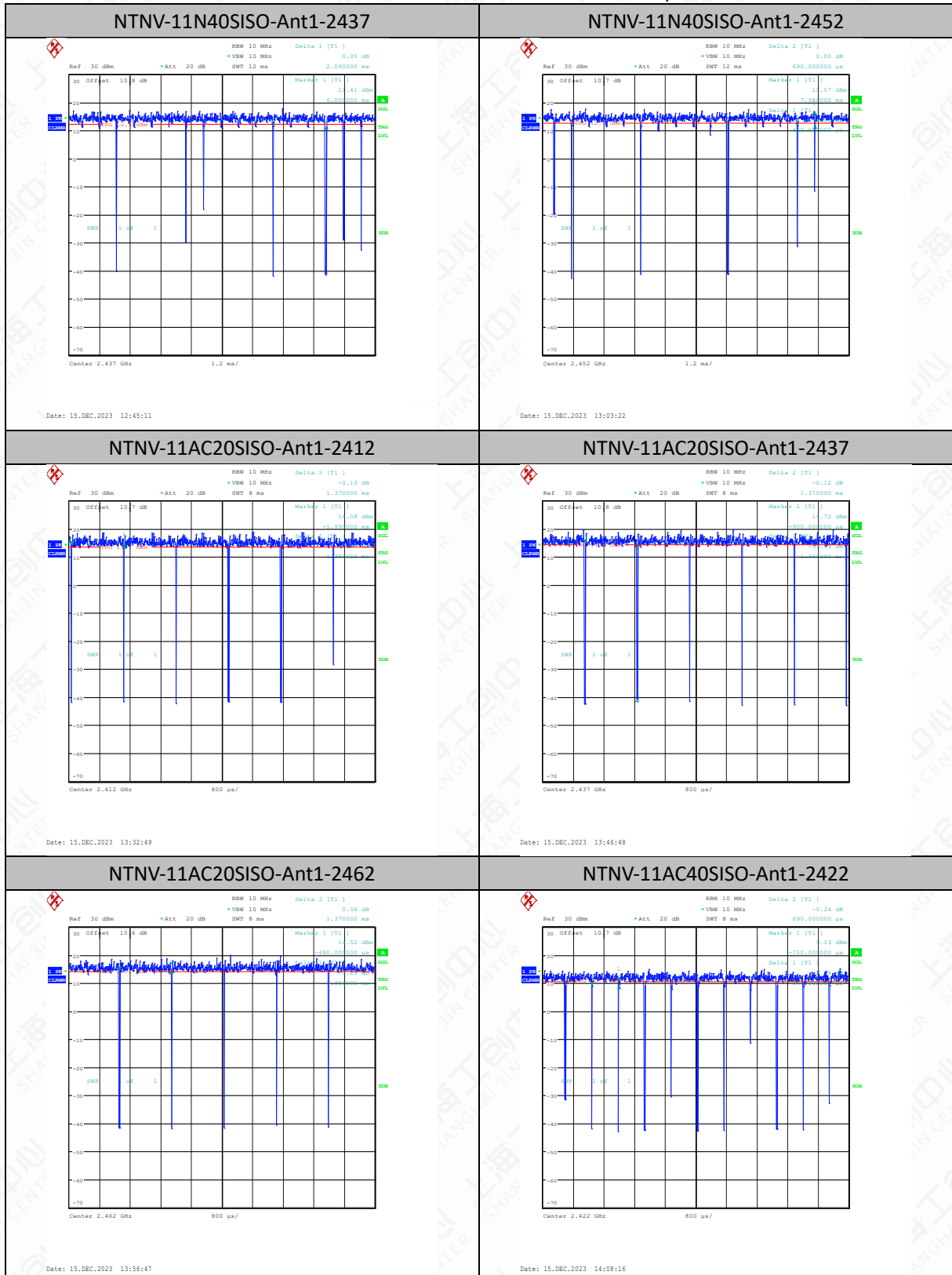
Report No: 23T04I30133-SRD03-V00

11AC40SISO	Ant1	2437	0.68	0.69	98.55	0.06
11AC40SISO	Ant1	2452	2.73	2.75	99.27	0.03
11AX20SISO	Ant1	2412	1.05	1.06	99.06	0.04
11AX20SISO	Ant1	2437	1.04	1.11	93.69	0.28
11AX20SISO	Ant1	2462	1.04	1.06	98.11	0.08
11AX40SISO	Ant1	2422	0.55	0.57	96.49	0.16
11AX40SISO	Ant1	2437	1.12	1.14	98.25	0.08
11AX40SISO	Ant1	2452	1.12	1.18	94.92	0.23

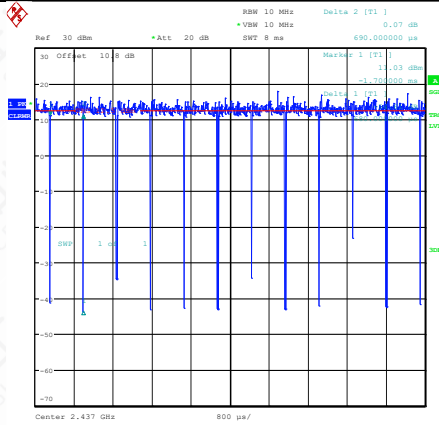
Test Graphs





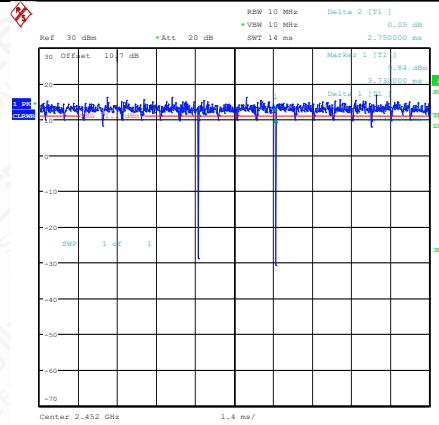


NTNV-11AC40SISO-Ant1-2437



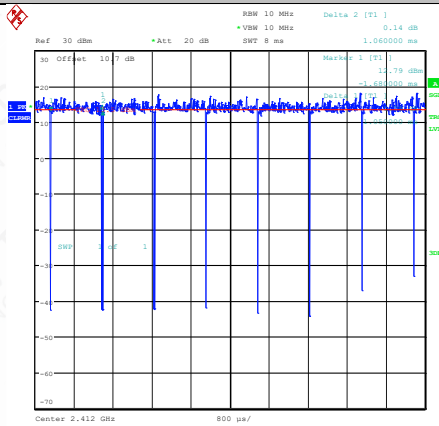
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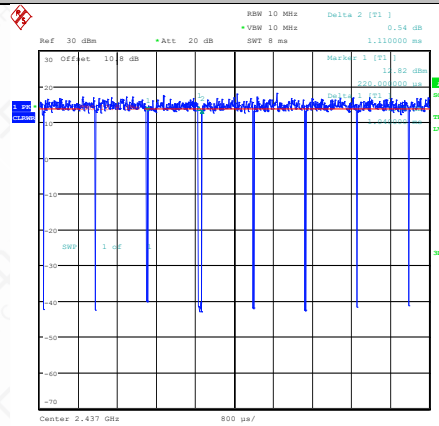
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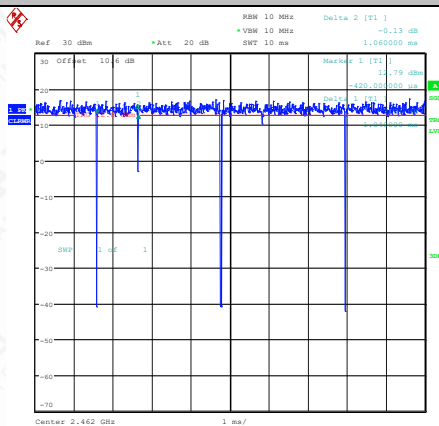
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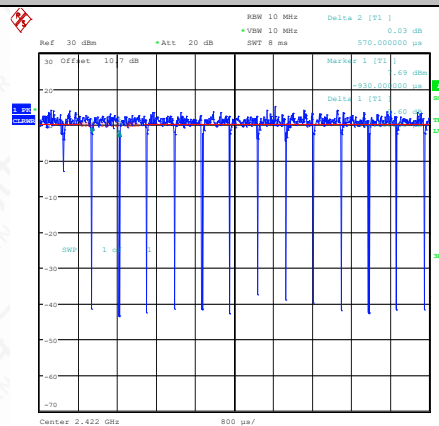
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NTNV-11AX20SISO-Ant1-2462

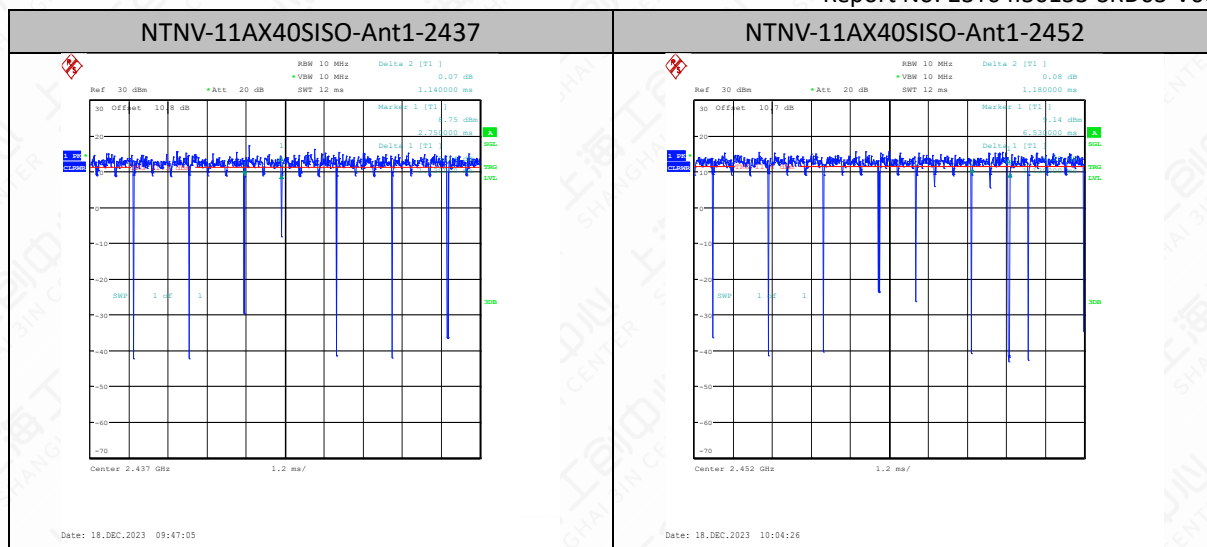


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NTNV-11AX40SISO-Ant1-2422



Date: 18.DEC.2023 09:03:59



6.2 Output Power-Conducted

6.2.1 Measurement Limit

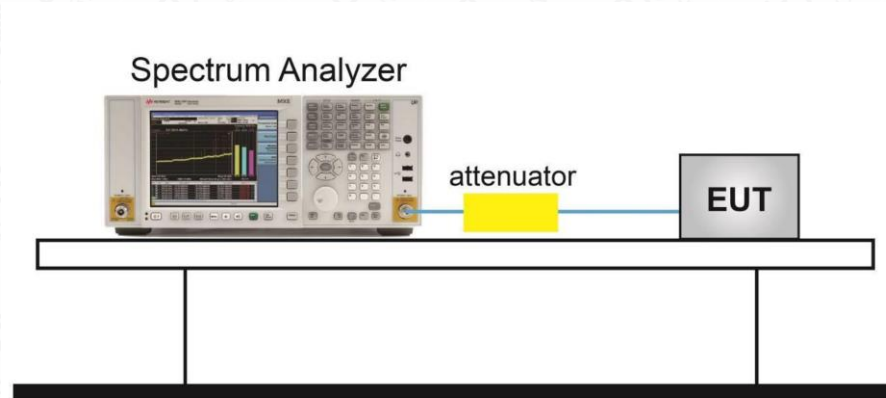
Standard	Conducted Limit (dBm)
FCC 47 Part 15.247(b)(3)	<30
Note: Except as shown in paragraphs (b)(3) (i), (ii) and (iii) of this section, if transmitting antennas of directional gain greater than 6 dBi are used the peak output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1) or (b)(2) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.	

6.2.2 Test Procedure

The measurement is according to ANSI C63.10 clause 11.9.

1. Measure the duty cycle D of the transmitter output signal as described in 11.6.
2. Set span to at least 1.5 times the OBW.
3. Set RBW = 1% to 5% of the OBW, not to exceed 1 MHz.
4. Set VBW $\geq [3 \times \text{RBW}]$.
5. Number of points in sweep $\geq [2 \times \text{span} / \text{RBW}]$. (This gives bin-to-bin spacing $\leq \text{RBW} / 2$, so that narrowband signals are not lost between frequency bins.)
6. Sweep time = auto.
7. Detector = RMS (i.e., power averaging), if available. Otherwise, use the sample detector mode.
8. Do not use sweep triggering. Allow the sweep to “free run.”
9. Trace average at least 100 traces in power averaging (rms) mode; however, the number of traces to be averaged shall be increased above 100 as needed such that the average accurately represents the true average over the ON and OFF periods of the transmitter.
10. Compute power by integrating the spectrum across the OBW of the signal using the instrument’s band power measurement function with band limits set equal to the OBW band edges. If the instrument does not have a band power function, then sum the spectrum levels (in power units) at intervals equal to the RBW extending across the entire OBW of the spectrum.
11. Add $[10 \log (1 / D)]$, where D is the duty cycle, to the measured power to compute the average power during the actual transmission times (because the measurement represents an average over both the ON and OFF times of the transmission). For example, add $[10 \log (1/0.25)] = 6 \text{ dB}$ if the duty cycle is 25%.

6.2.3 Test setup



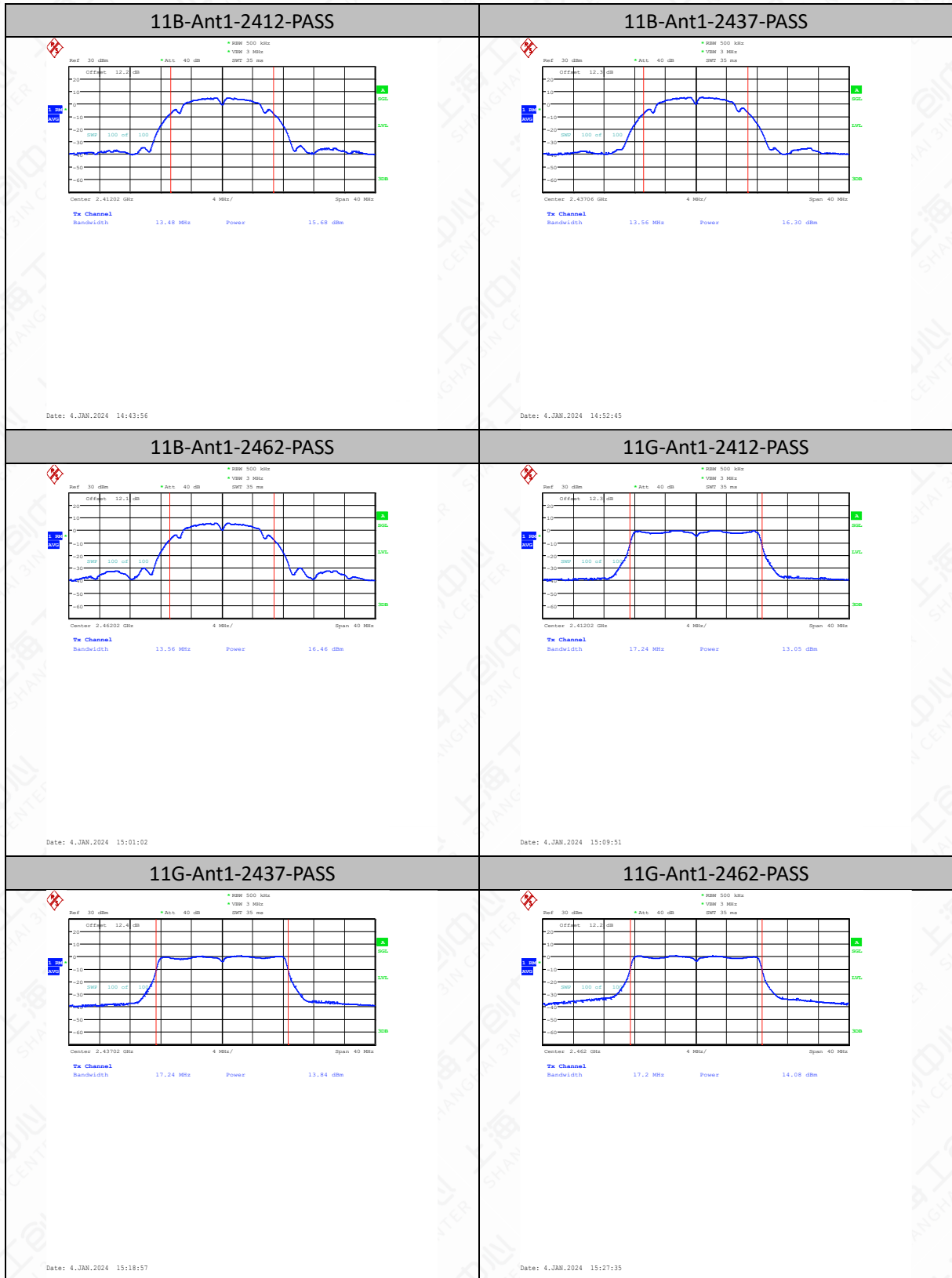
6.2.4 Measurement Results

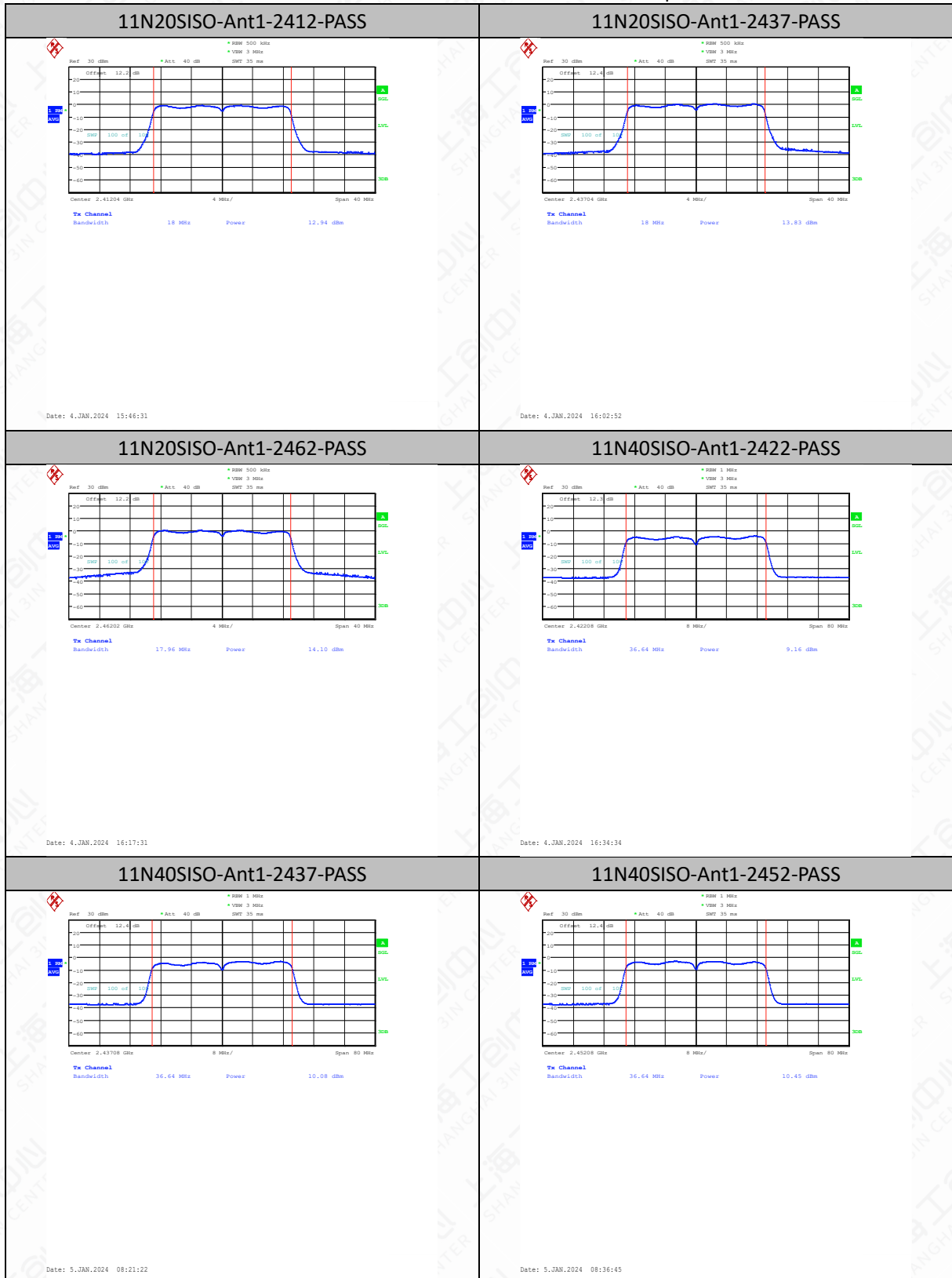
TestMode	Antenna	Frequency [MHz]	Set Power	Conducted Power [dBm]	Conducted Limit[dBm]	EIRP [dBm]	EIRP Limit [dBm]
11B	Ant1	2412	16.5	15.68	≤30.00	17.95	≤36.00
11B	Ant1	2437	16.5	16.30	≤30.00	18.57	≤36.00
11B	Ant1	2462	16.5	16.46	≤30.00	18.73	≤36.00
11G	Ant1	2412	13	13.05	≤30.00	15.32	≤36.00
11G	Ant1	2437	13	13.84	≤30.00	16.11	≤36.00
11G	Ant1	2462	13	14.08	≤30.00	16.35	≤36.00
11N20SISO	Ant1	2412	13	12.94	≤30.00	15.21	≤36.00
11N20SISO	Ant1	2437	13	13.83	≤30.00	16.10	≤36.00
11N20SISO	Ant1	2462	13	14.10	≤30.00	16.37	≤36.00
11N40SISO	Ant1	2422	9.5	9.16	≤30.00	11.43	≤36.00
11N40SISO	Ant1	2437	9.5	10.08	≤30.00	12.35	≤36.00
11N40SISO	Ant1	2452	9.5	10.45	≤30.00	12.72	≤36.00
11AC20SISO	Ant1	2412	13	12.96	≤30.00	15.23	≤36.00
11AC20SISO	Ant1	2437	13	14.22	≤30.00	16.49	≤36.00
11AC20SISO	Ant1	2462	13	13.63	≤30.00	15.90	≤36.00
11AC40SISO	Ant1	2422	13	13.24	≤30.00	15.51	≤36.00
11AC40SISO	Ant1	2437	13	13.53	≤30.00	15.80	≤36.00
11AC40SISO	Ant1	2452	13	14.30	≤30.00	16.57	≤36.00
11AX20SISO	Ant1	2412	12	12.20	≤30.00	14.47	≤36.00
11AX20SISO	Ant1	2437	12	13.71	≤30.00	15.98	≤36.00
11AX20SISO	Ant1	2462	12	12.85	≤30.00	15.12	≤36.00
11AX40SISO	Ant1	2422	9	9.52	≤30.00	11.79	≤36.00
11AX40SISO	Ant1	2437	9	10.26	≤30.00	12.53	≤36.00
11AX40SISO	Ant1	2452	9	10.64	≤30.00	12.91	≤36.00

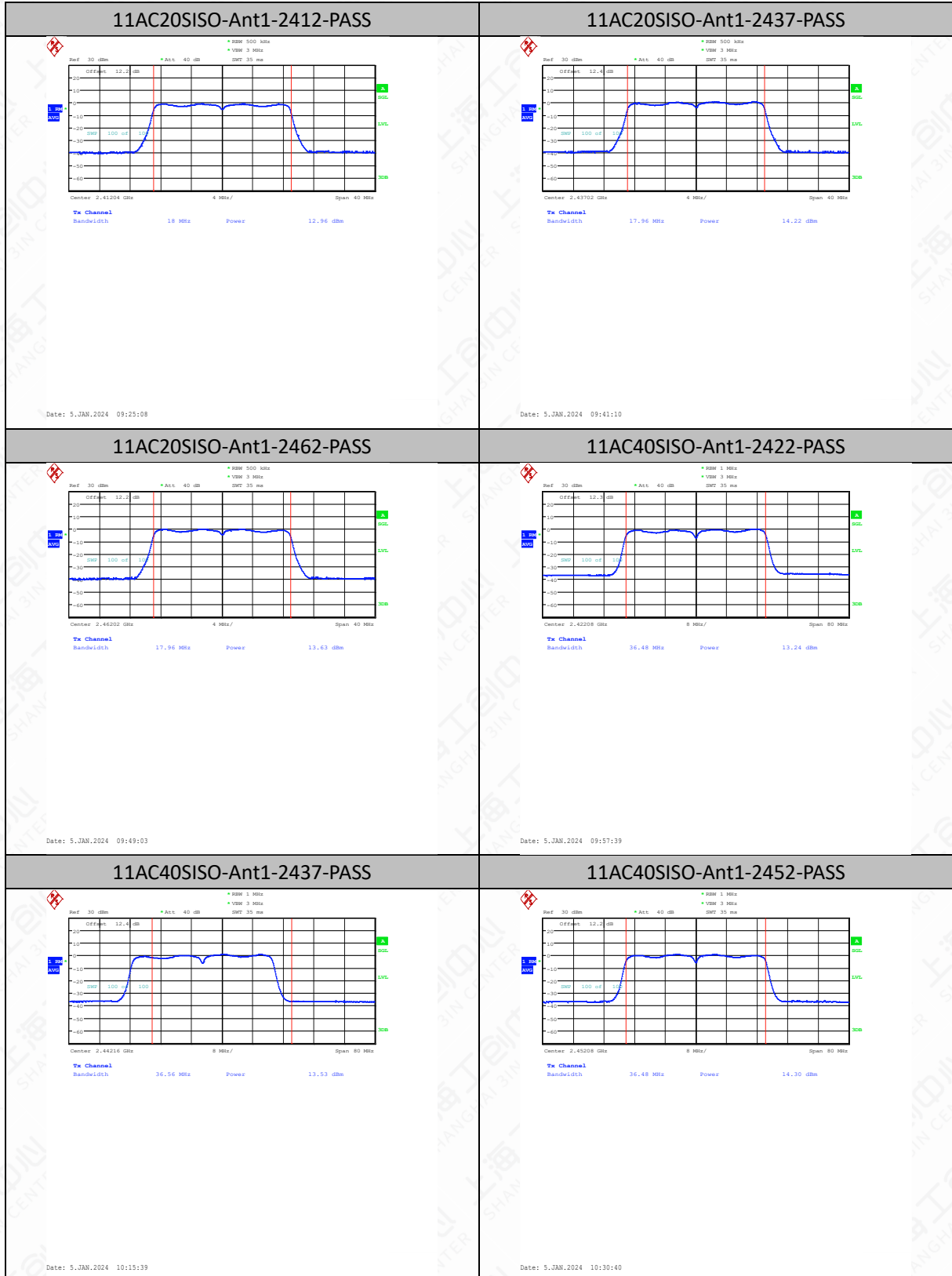
Note: 1. The Duty Cycle Factor is compensated in the graph.

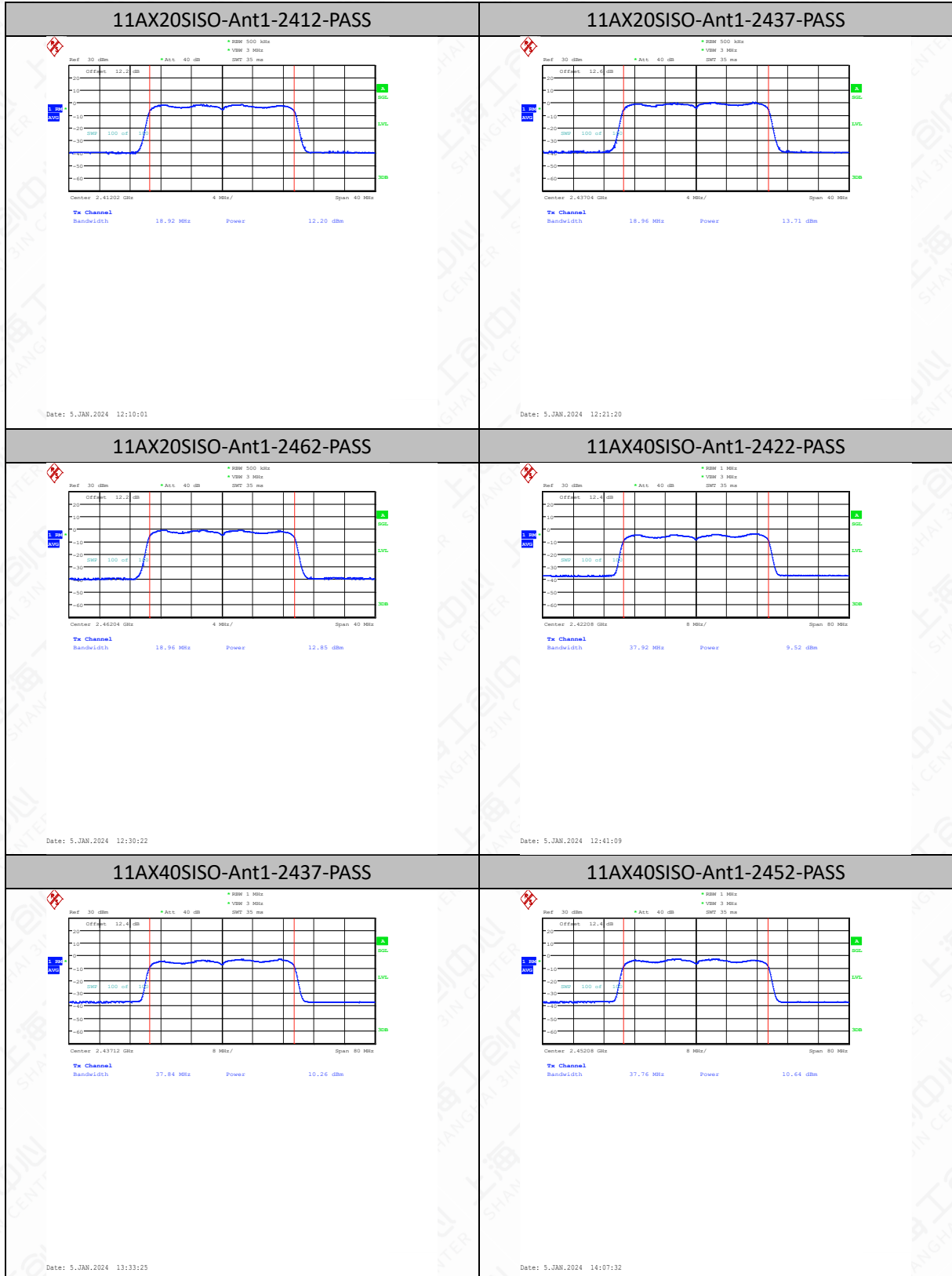
2. In the graph, the Center frequency = (Low frequency of 99% OBW + High frequency of 99% OBW) / 2.

Test Graphs Peak









6.3 Peak Power Spectral Density

6.3.1 Measurement Limit

Standard	Limit
FCC 47 Part 15.247(e)	$\leq 8\text{dBm}/3\text{ KHz}$

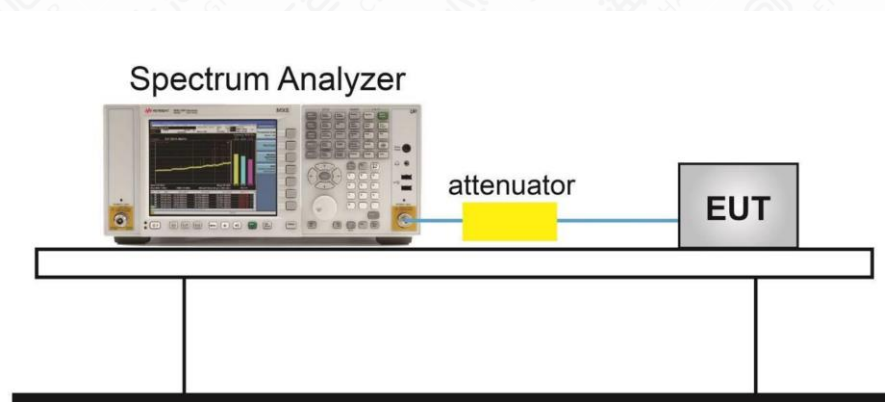
6.3.2 Test procedures

The measurement is according to ANSI C63.10 clause 11.10.

The output power of EUT was connected to the spectrum analyzer. The path loss was compensated to the results for each measurement.

1. Measure the duty cycle (D) of the transmitter output signal as described in 11.6.
2. Set instrument center frequency to DTS channel center frequency.
3. Set span to at least 1.5 times the OBW.
4. Set RBW to: $3\text{ kHz} \leq \text{RBW} \leq 100\text{ kHz}$.
5. Set VBW $\geq [3 \times \text{RBW}]$.
6. Detector = power averaging (rms) or sample detector (when rms not available).
7. Ensure that the number of measurement points in the sweep $\geq [2 \times \text{span} / \text{RBW}]$.
8. Sweep time = auto couple.
9. Do not use sweep triggering; allow sweep to “free run.”
10. Employ trace averaging (rms) mode over a minimum of 100 traces.
11. Use the peak marker function to determine the maximum amplitude level.
12. Add $[10 \log (1 / D)]$, where D is the duty cycle measured in step a), to the measured PSD to compute the average PSD during the actual transmission time.
13. If measured value exceeds requirement specified by regulatory agency, then reduce RBW (but no less than 3 kHz) and repeat (note that this may require zooming in on the emission of interest and reducing the span to meet the minimum measurement point requirement as the RBW is reduced).

6.3.3 Test setup



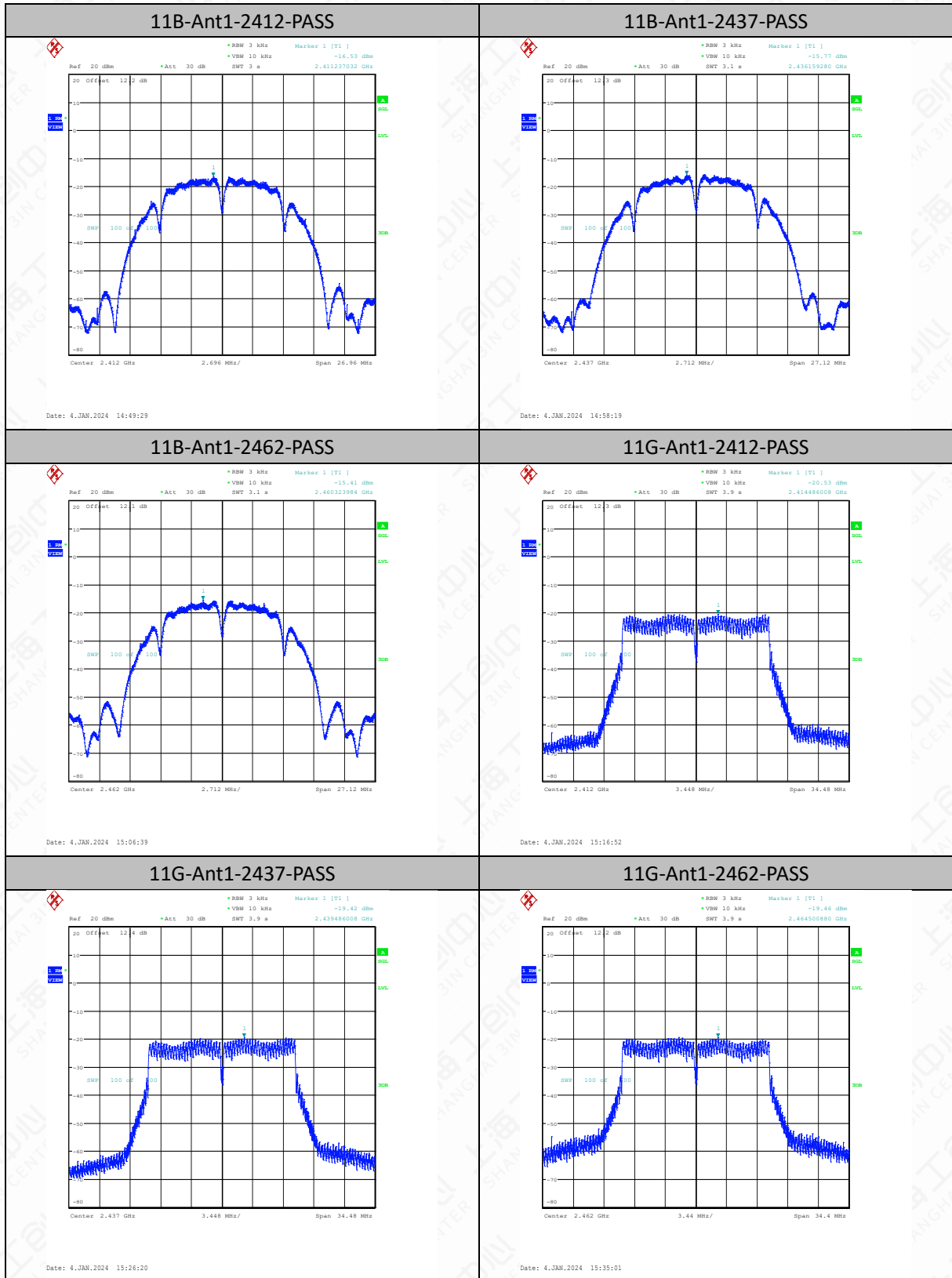
6.3.4 Measurement Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-16.53	≤8.00	PASS
11B	Ant1	2437	-15.77	≤8.00	PASS
11B	Ant1	2462	-15.41	≤8.00	PASS
11G	Ant1	2412	-20.53	≤8.00	PASS
11G	Ant1	2437	-19.42	≤8.00	PASS
11G	Ant1	2462	-19.46	≤8.00	PASS
11N20SISO	Ant1	2412	-20.78	≤8.00	PASS
11N20SISO	Ant1	2437	-19.78	≤8.00	PASS
11N20SISO	Ant1	2462	-20.01	≤8.00	PASS
11N40SISO	Ant1	2422	-26.63	≤8.00	PASS
11N40SISO	Ant1	2437	-25.34	≤8.00	PASS
11N40SISO	Ant1	2452	-25.04	≤8.00	PASS
11AC20SISO	Ant1	2412	-20.70	≤8.00	PASS
11AC20SISO	Ant1	2437	-19.30	≤8.00	PASS
11AC20SISO	Ant1	2462	-20.34	≤8.00	PASS
11AC40SISO	Ant1	2422	-22.11	≤8.00	PASS
11AC40SISO	Ant1	2437	-21.05	≤8.00	PASS
11AC40SISO	Ant1	2452	-21.28	≤8.00	PASS
11AX20SISO	Ant1	2412	-21.74	≤8.00	PASS
11AX20SISO	Ant1	2437	-19.95	≤8.00	PASS
11AX20SISO	Ant1	2462	-21.24	≤8.00	PASS
11AX40SISO	Ant1	2422	-26.33	≤8.00	PASS
11AX40SISO	Ant1	2437	-25.26	≤8.00	PASS
11AX40SISO	Ant1	2452	-24.88	≤8.00	PASS

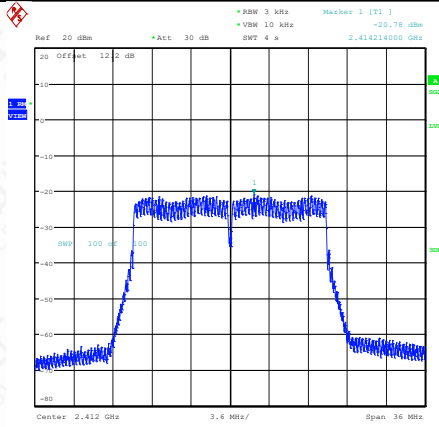
Note:

1.The Duty Cycle Factor is compensated in the graph.

Test Graphs

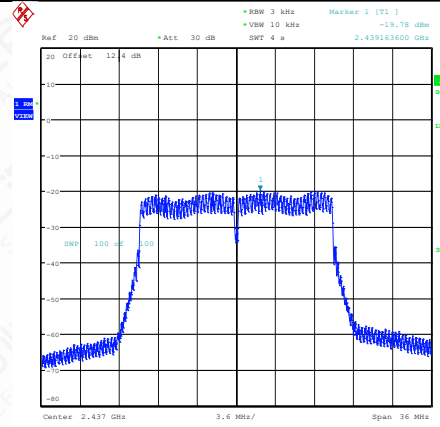


11N20SISO-Ant1-2412-PASS



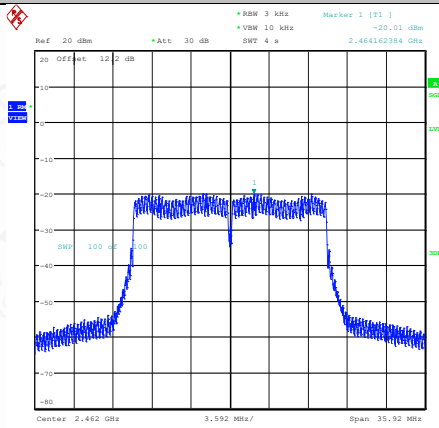
Date: 4.JAN.2024 15:53:44

11N20SISO-Ant1-2437-PASS



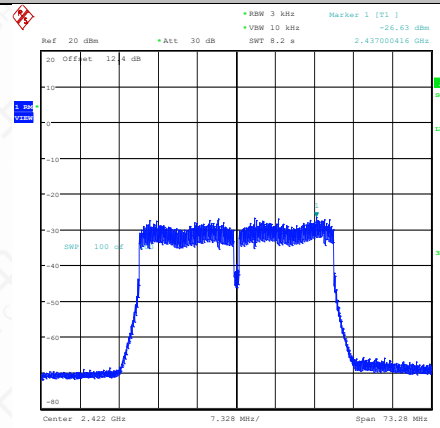
Date: 4.JAN.2024 16:10:31

11N20SISO-Ant1-2462-PASS



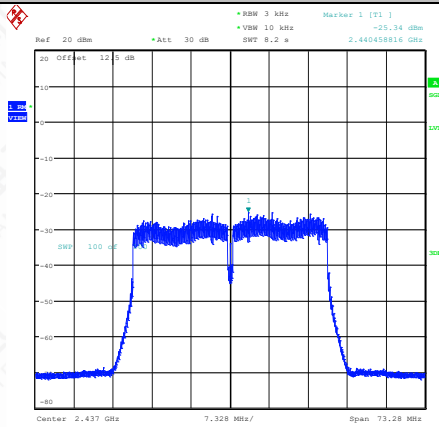
Date: 4.JAN.2024 16:25:14

11N40SISO-Ant1-2422-PASS



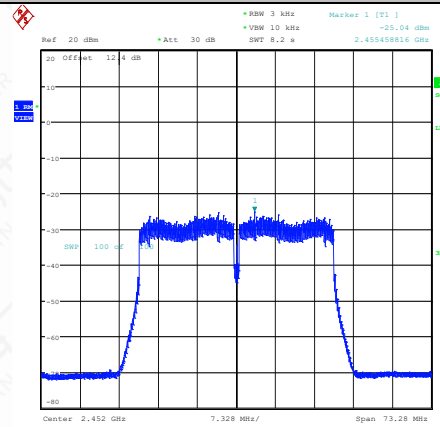
Date: 4.JAN.2024 16:49:53

11N40SISO-Ant1-2437-PASS

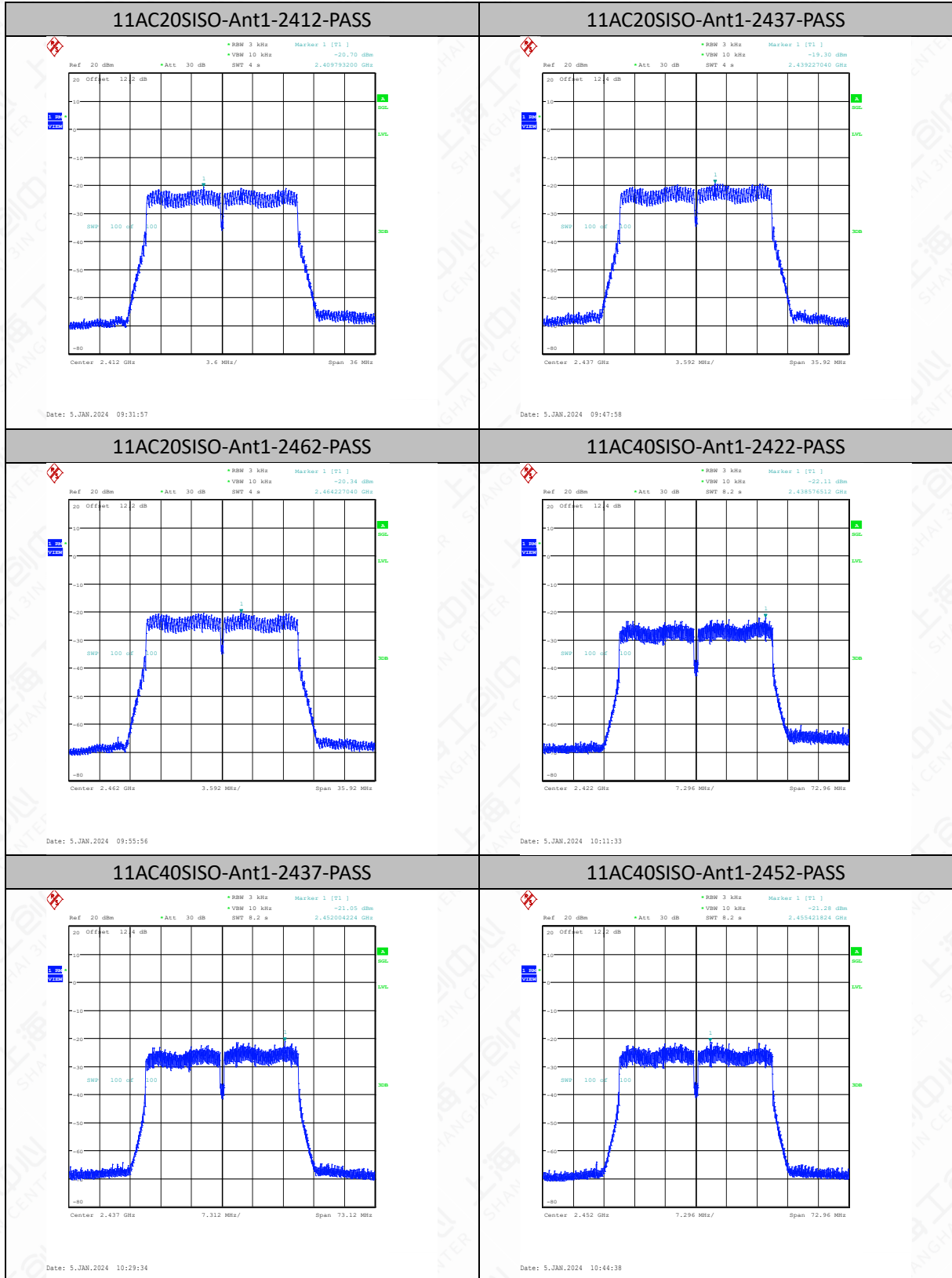


Date: 5.JAN.2024 08:35:16

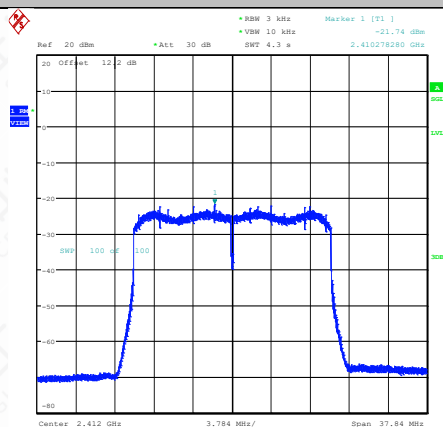
11N40SISO-Ant1-2452-PASS



Date: 5.JAN.2024 08:50:38

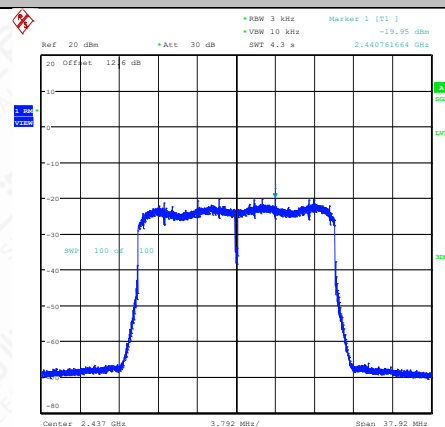


11AX20SISO-Ant1-2412-PASS



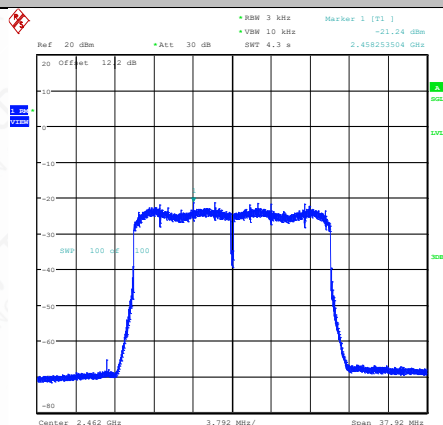
Date: 5.JAN.2024 12:17:38

11AX20SISO-Ant1-2437-PASS



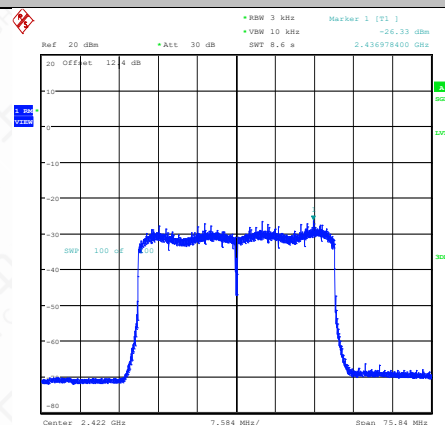
Date: 5.JAN.2024 12:28:44

11AX20SISO-Ant1-2462-PASS



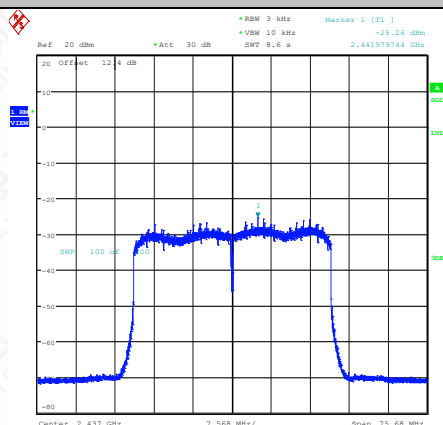
Date: 5.JAN.2024 12:38:08

11AX40SISO-Ant1-2422-PASS



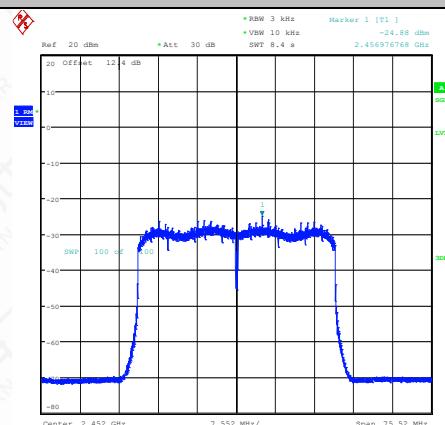
Date: 5.JAN.2024 12:56:41

11AX40SISO-Ant1-2437-PASS



Date: 5.JAN.2024 13:49:03

11AX40SISO-Ant1-2452-PASS



Date: 5.JAN.2024 14:22:31

6.4 Occupied 6dB Bandwidth

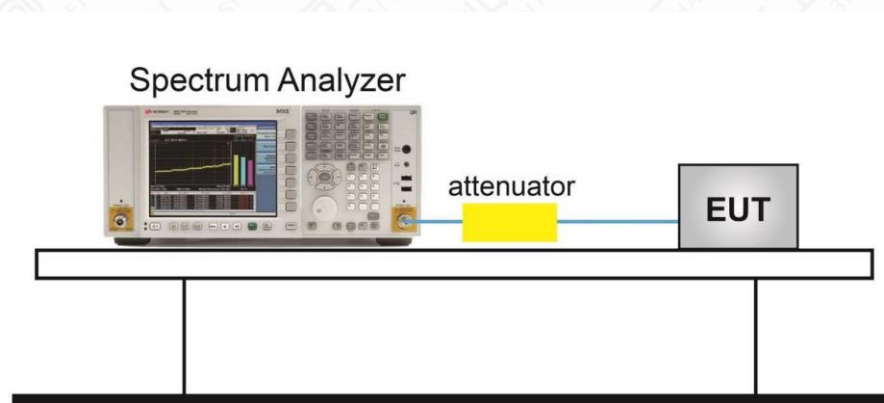
6.4.1 Measurement Limit

Standard	Limit(KHz)
FCC 47 Part 15.247(a) (2)	$\geq 500\text{KHz}$

6.4.2 Test procedures

1. The output power of EUT was connected to the spectrum analyzer. The path loss was compensated to the results for each measurement.
2. Enable EUT transmitter maximum power continuously.
3. Set RBW = 100 kHz.
4. Set the VBW $\geq [3 \times \text{RBW}]$.
5. Detector = peak.
6. Trace mode = max hold.
7. Sweep = auto couple.
8. Allow the trace to stabilize.
9. 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.

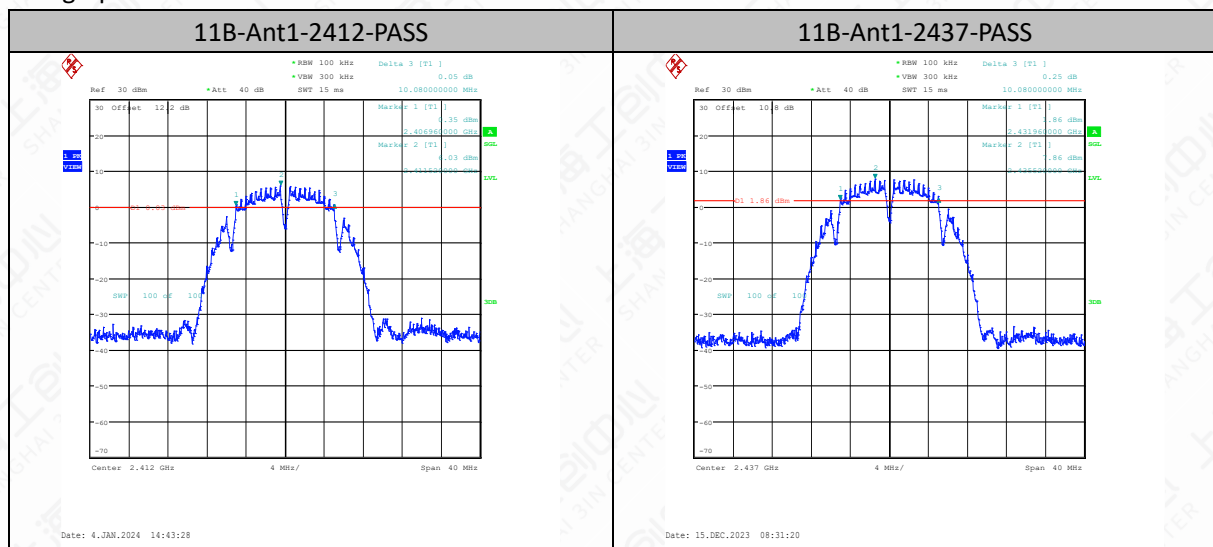
6.4.3 Test Setup



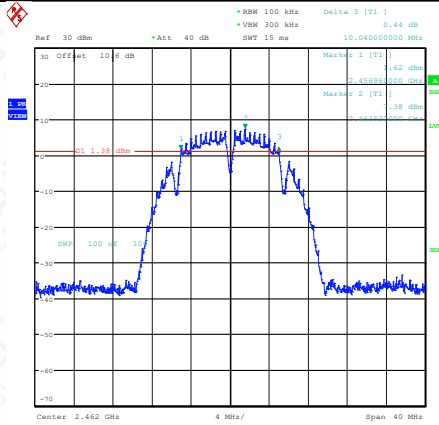
6.4.4 Measurement Results

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.08	2406.96	2417.04	0.5	PASS
11B	Ant1	2437	10.08	2431.96	2442.04	0.5	PASS
11B	Ant1	2462	10.04	2456.96	2467.00	0.5	PASS
11G	Ant1	2412	16.32	2403.84	2420.16	0.5	PASS
11G	Ant1	2437	16.32	2428.84	2445.16	0.5	PASS
11G	Ant1	2462	16.32	2453.84	2470.16	0.5	PASS
11N20SISO	Ant1	2412	17.52	2403.24	2420.76	0.5	PASS
11N20SISO	Ant1	2437	17.28	2428.48	2445.76	0.5	PASS
11N20SISO	Ant1	2462	17.28	2453.24	2470.52	0.5	PASS
11N40SISO	Ant1	2422	35.20	2404.48	2439.68	0.5	PASS
11N40SISO	Ant1	2437	35.20	2419.48	2454.68	0.5	PASS
11N40SISO	Ant1	2452	35.28	2434.40	2469.68	0.5	PASS
11AC20SISO	Ant1	2412	17.04	2403.48	2420.52	0.5	PASS
11AC20SISO	Ant1	2437	17.28	2428.48	2445.76	0.5	PASS
11AC20SISO	Ant1	2462	17.04	2453.48	2470.52	0.5	PASS
11AC40SISO	Ant1	2422	35.36	2404.48	2439.84	0.5	PASS
11AC40SISO	Ant1	2437	35.36	2424.44	2459.80	0.5	PASS
11AC40SISO	Ant1	2452	35.12	2434.48	2469.60	0.5	PASS
11AX20SISO	Ant1	2412	18.40	2402.80	2421.20	0.5	PASS
11AX20SISO	Ant1	2437	18.36	2427.88	2446.24	0.5	PASS
11AX20SISO	Ant1	2462	18.28	2452.92	2471.20	0.5	PASS
11AX40SISO	Ant1	2422	36.64	2403.68	2440.32	0.5	PASS
11AX40SISO	Ant1	2437	36.64	2418.84	2455.48	0.5	PASS
11AX40SISO	Ant1	2452	36.16	2434.40	2470.56	0.5	PASS

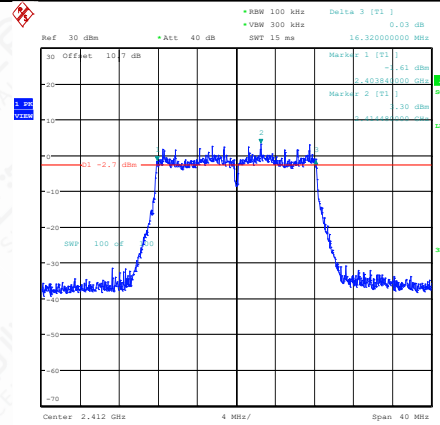
Test graphs as below



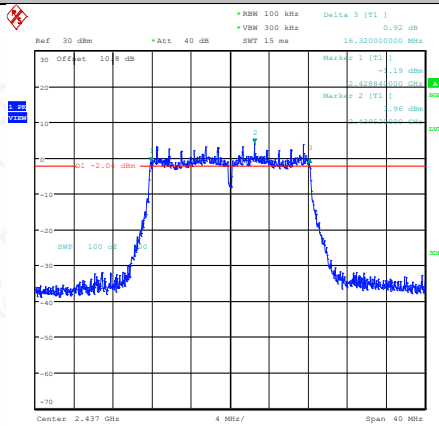
11B-Ant1-2462-PASS



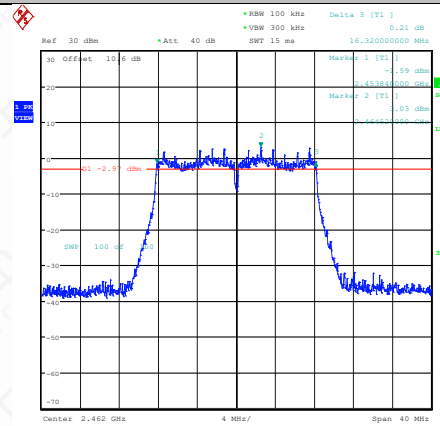
11G-Ant1-2412-PASS



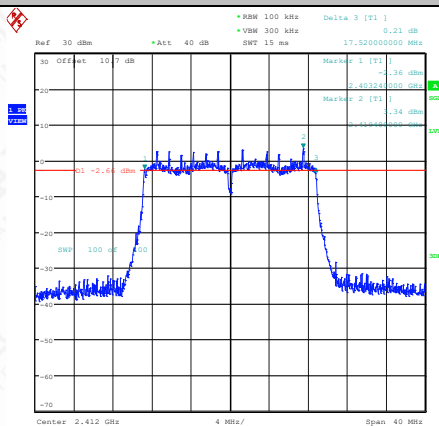
11G-Ant1-2437-PASS



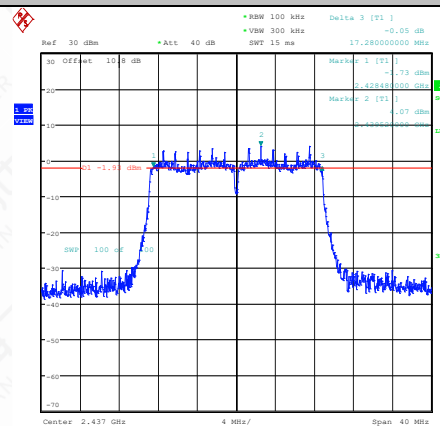
11G-Ant1-2462-PASS



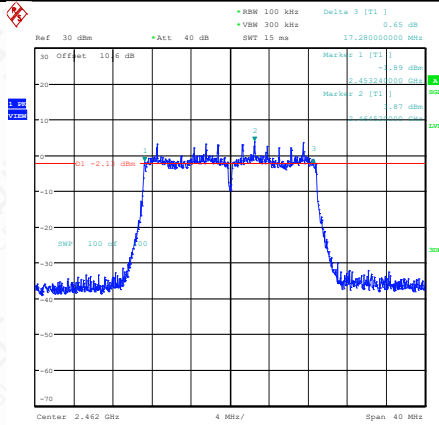
11N20SISO-Ant1-2412-PASS



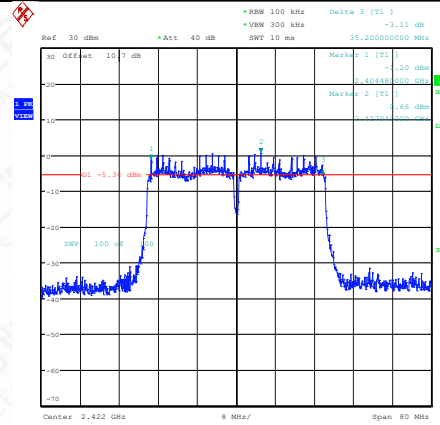
11N20SISO-Ant1-2437-PASS



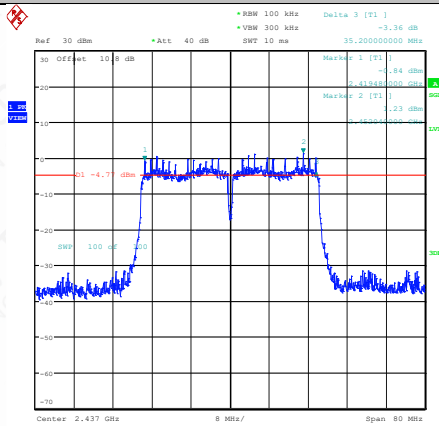
11N20SISO-Ant1-2462-PASS



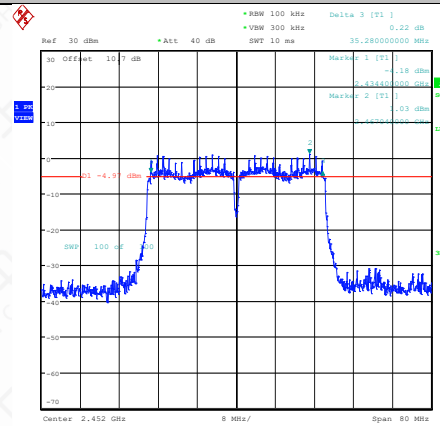
11N40SISO-Ant1-2422-PASS



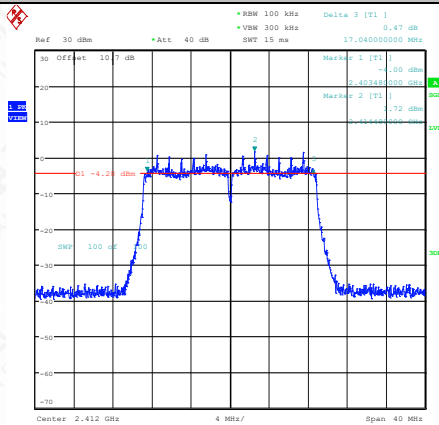
11N40SISO-Ant1-2437-PASS



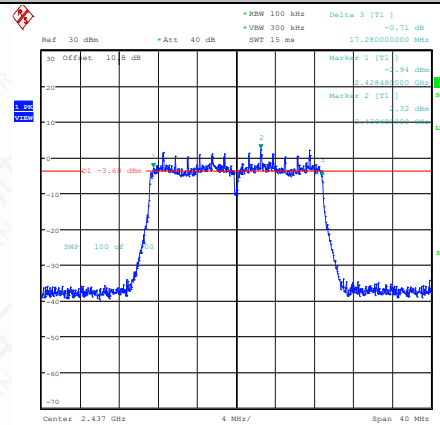
11N40SISO-Ant1-2452-PASS



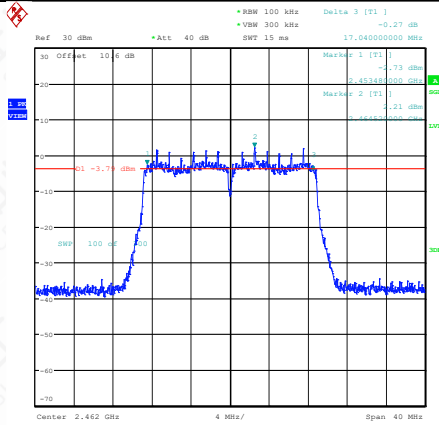
11AC20SISO-Ant1-2412-PASS



11AC20SISO-Ant1-2437-PASS

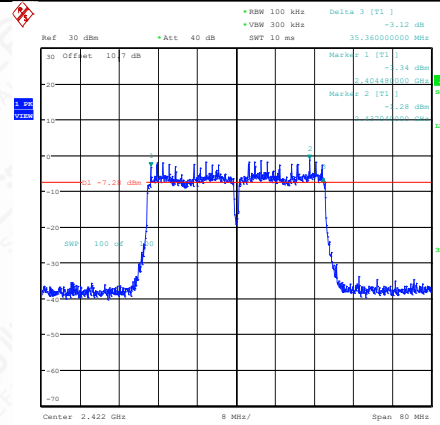


11AC20SISO-Ant1-2462-PASS



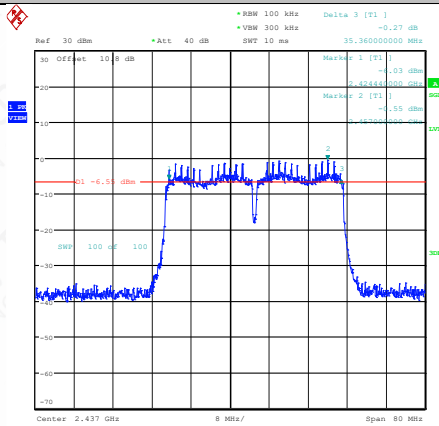
Date: 15,DEC,2023 13:57:02

11AC40SISO-Ant1-2422-PASS



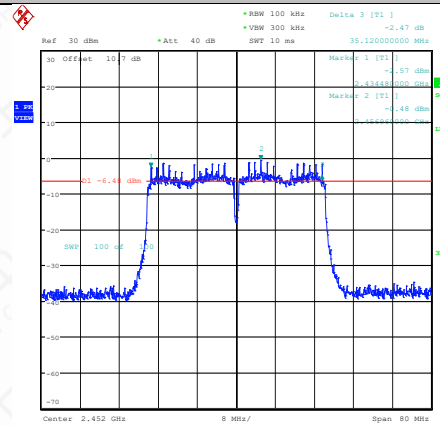
Date: 15,DEC,2023 14:08:26

11AC40SISO-Ant1-2437-PASS



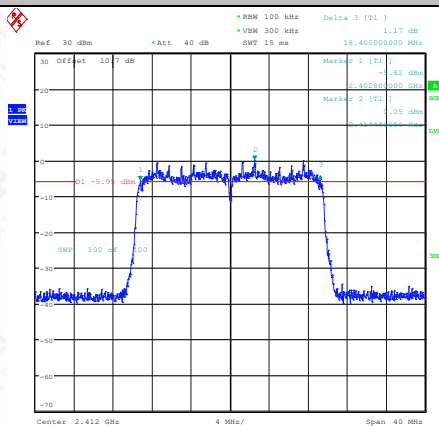
Date: 15,DEC,2023 14:29:19

11AC40SISO-Ant1-2452-PASS



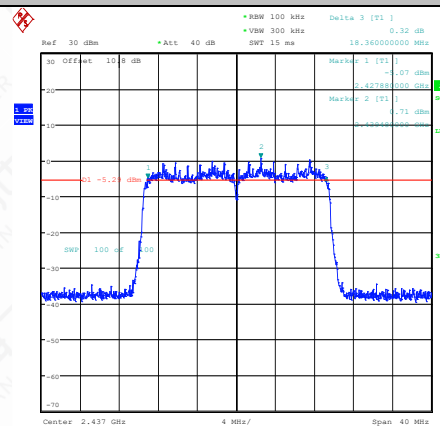
Date: 15,DEC,2023 14:45:56

11AX20SISO-Ant1-2412-PASS



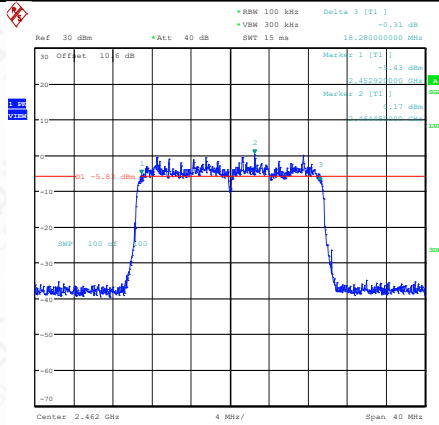
Date: 18,DEC,2023 08:32:57

11AX20SISO-Ant1-2437-PASS



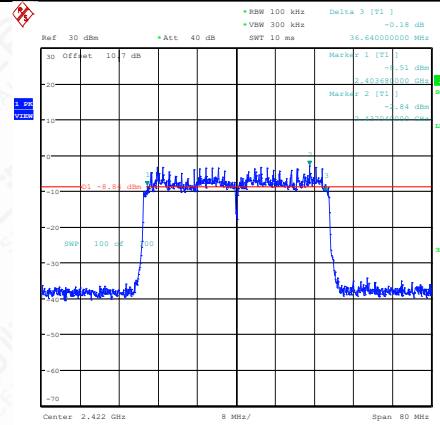
Date: 18,DEC,2023 08:43:38

11AX20SISO-Ant1-2462-PASS



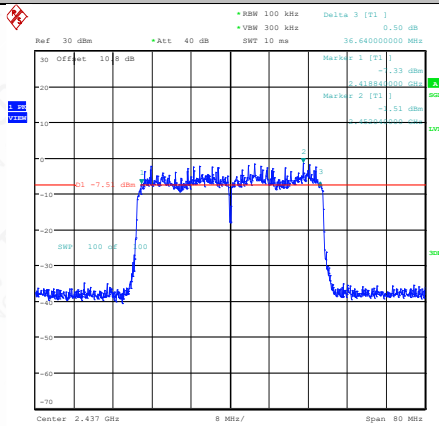
Date: 18.DEC.2023 08:54:28

11AX40SISO-Ant1-2422-PASS



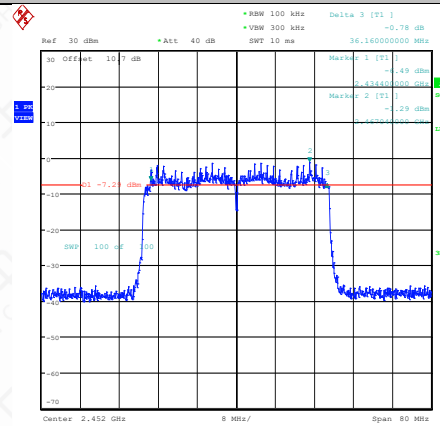
Date: 18.DEC.2023 09:04:09

11AX40SISO-Ant1-2437-PASS



Date: 18.DEC.2023 09:47:15

11AX40SISO-Ant1-2452-PASS



Date: 18.DEC.2023 10:04:35

6.5 99% Occupied Bandwidth

6.5.1 Measurement Limit

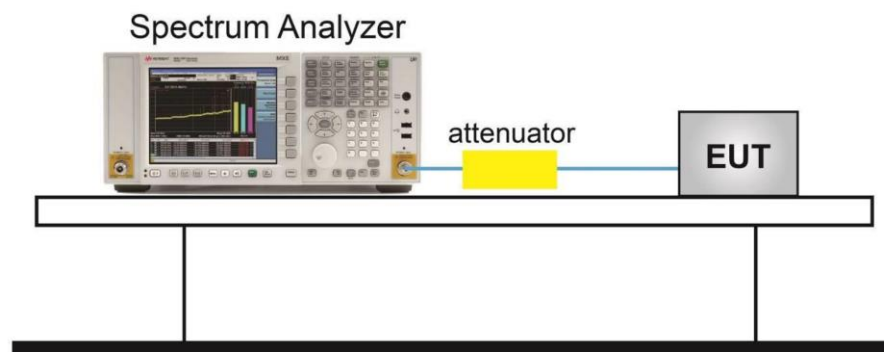
Standard	Limit
N/A	N/A

6.5.2 Test procedures

The measurement is according to ANSI C63.10 clause 6.9.3.

1. The output power of EUT was connected to the spectrum analyzer. The path loss was compensated to the results for each measurement.
2. Enable EUT transmitter maximum power continuously.
3. Set RBW shall be in the range of 1% to 5% of the OBW.
4. Set the VBW $\geq [3 \times \text{RBW}]$.
5. Detector = peak.
6. Trace mode = max hold.
7. Sweep = auto couple.
8. Allow the trace to stabilize.
9. The occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5% of the total mean power of the given emission.

6.5.3 Test setup



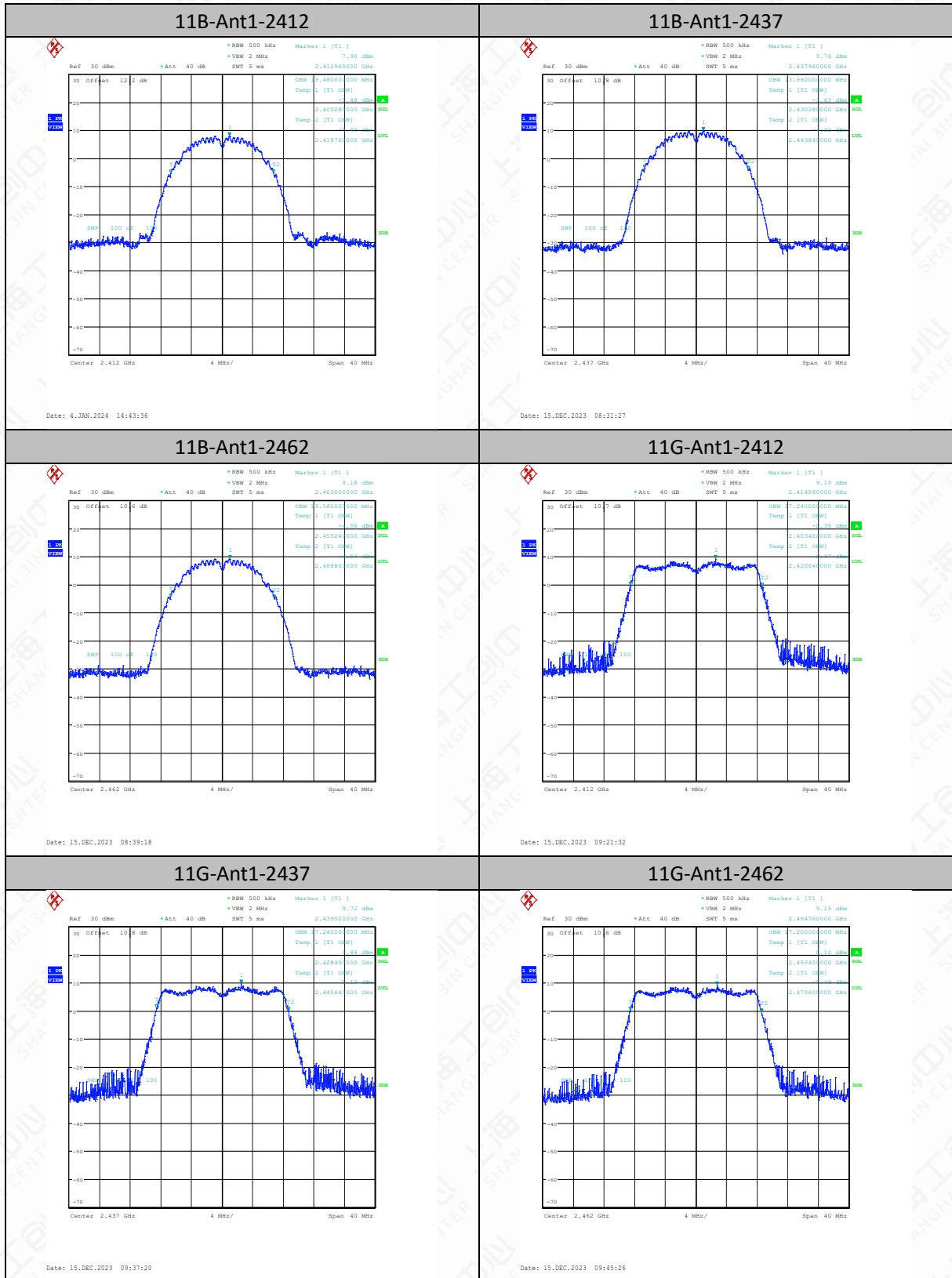
6.5.4 Measurement Result

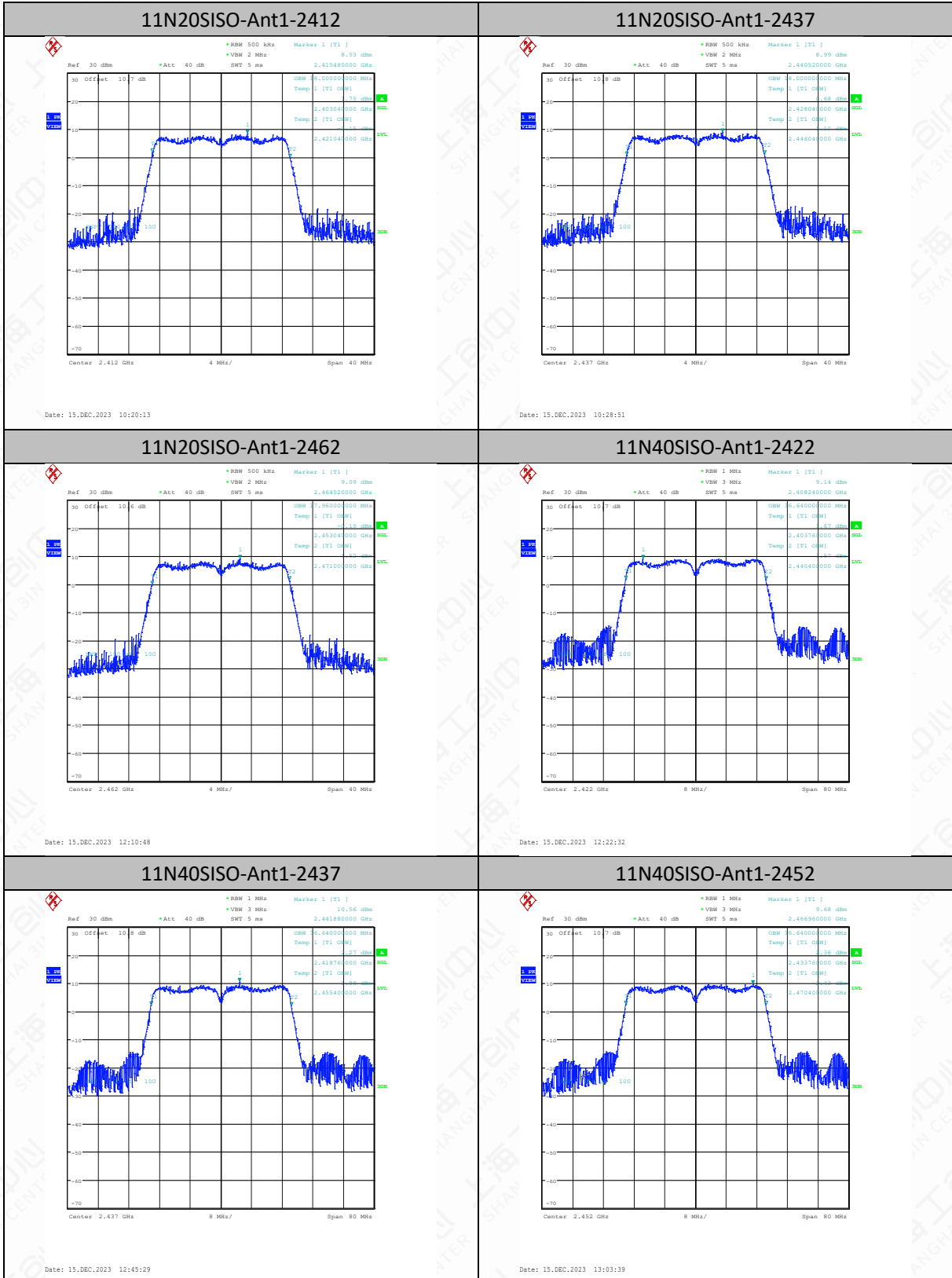
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.48	2405.2800	2418.7600	---	---
11B	Ant1	2437	13.56	2430.2800	2443.8400	---	---
11B	Ant1	2462	13.56	2455.2400	2468.8000	---	---
11G	Ant1	2412	17.24	2403.4000	2420.6400	---	---
11G	Ant1	2437	17.24	2428.4000	2445.6400	---	---
11G	Ant1	2462	17.2	2453.4000	2470.6000	---	---

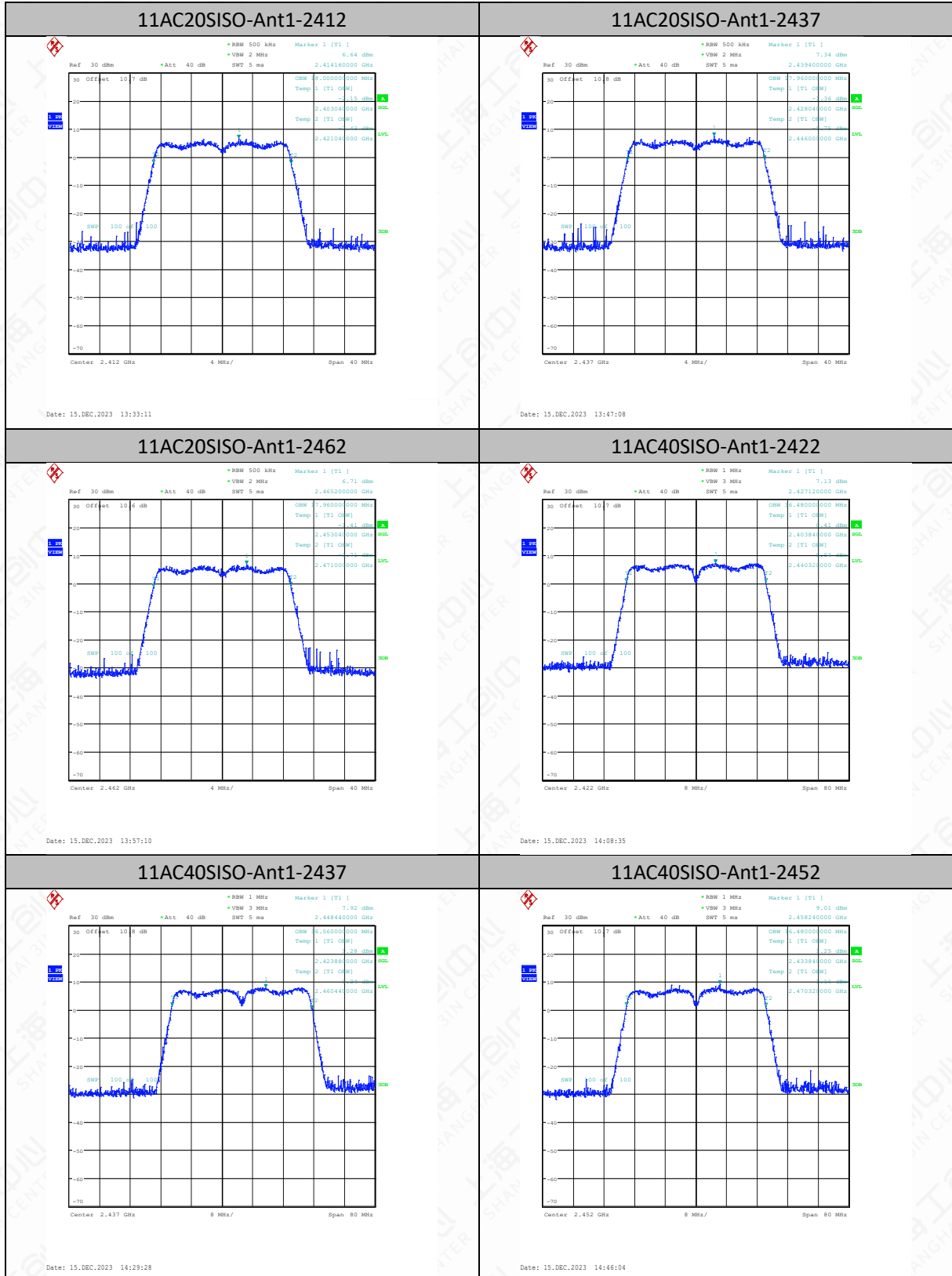
Report No: 23T04I30133-SRD03-V00

11N20SISO	Ant1	2412	18	2403.0400	2421.0400	---	---
11N20SISO	Ant1	2437	18	2428.0400	2446.0400	---	---
11N20SISO	Ant1	2462	17.96	2453.0400	2471.0000	---	---
11N40SISO	Ant1	2422	36.64	2403.7600	2440.4000	---	---
11N40SISO	Ant1	2437	36.64	2418.7600	2455.4000	---	---
11N40SISO	Ant1	2452	36.64	2433.7600	2470.4000	---	---
11AC20SISO	Ant1	2412	18	2403.0400	2421.0400	---	---
11AC20SISO	Ant1	2437	17.96	2428.0400	2446.0000	---	---
11AC20SISO	Ant1	2462	17.96	2453.0400	2471.0000	---	---
11AC40SISO	Ant1	2422	36.48	2403.8400	2440.3200	---	---
11AC40SISO	Ant1	2437	36.56	2423.8800	2460.4400	---	---
11AC40SISO	Ant1	2452	36.48	2433.8400	2470.3200	---	---
11AX20SISO	Ant1	2412	18.92	2402.5600	2421.4800	---	---
11AX20SISO	Ant1	2437	18.96	2427.5600	2446.5200	---	---
11AX20SISO	Ant1	2462	18.96	2452.5600	2471.5200	---	---
11AX40SISO	Ant1	2422	37.92	2403.1200	2441.0400	---	---
11AX40SISO	Ant1	2437	37.84	2418.2000	2456.0400	---	---
11AX40SISO	Ant1	2452	37.76	2433.2000	2470.9600	---	---

Test graphs as below:









Date: 18 DEC 2023 08:43:45

Date: 18-DEC-2023 08:54:35

Date: 18.DEC.2023 09:04:16

Date: 18 DEC 2023 09:47:23

Date: 18 DEC 2023 10:04:42

6.6 Band Edges Compliance

6.6.1 Measurement limit

Standard	Limit(dBc)
FCC 47 Part 15.247(d)	>30

6.6.2 Test procedures

The measurement is according to ANSI C63.10 clause 11.11.

The output power of EUT was connected to the spectrum analyzer. The path loss was compensated to the results for each measurement. Enable EUT transmitter maximum power continuously.

Reference level measurement

1. Set instrument center frequency to DTS channel center frequency.
2. Set the span to ≥ 1.5 times the DTS bandwidth.
3. Set the RBW = 100 kHz.
4. Set the VBW $\geq [3 \times \text{RBW}]$.
5. Detector = peak.
6. Sweep time = auto couple.
7. Trace mode = max hold.
8. Allow trace to fully stabilize.
9. Use the peak marker function to determine the maximum PSD level.

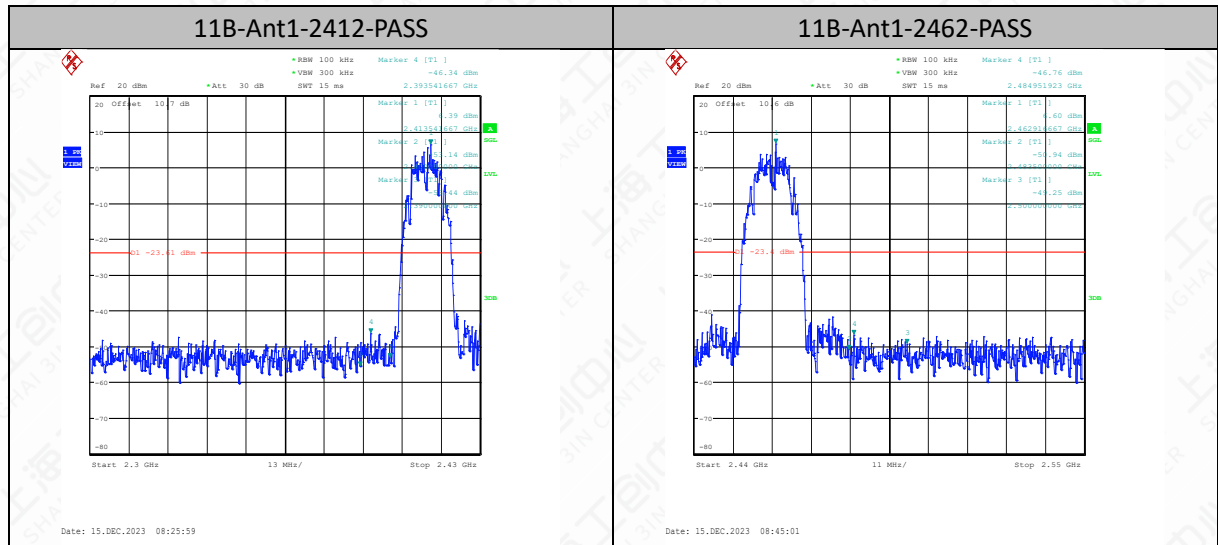
Emission level measurement

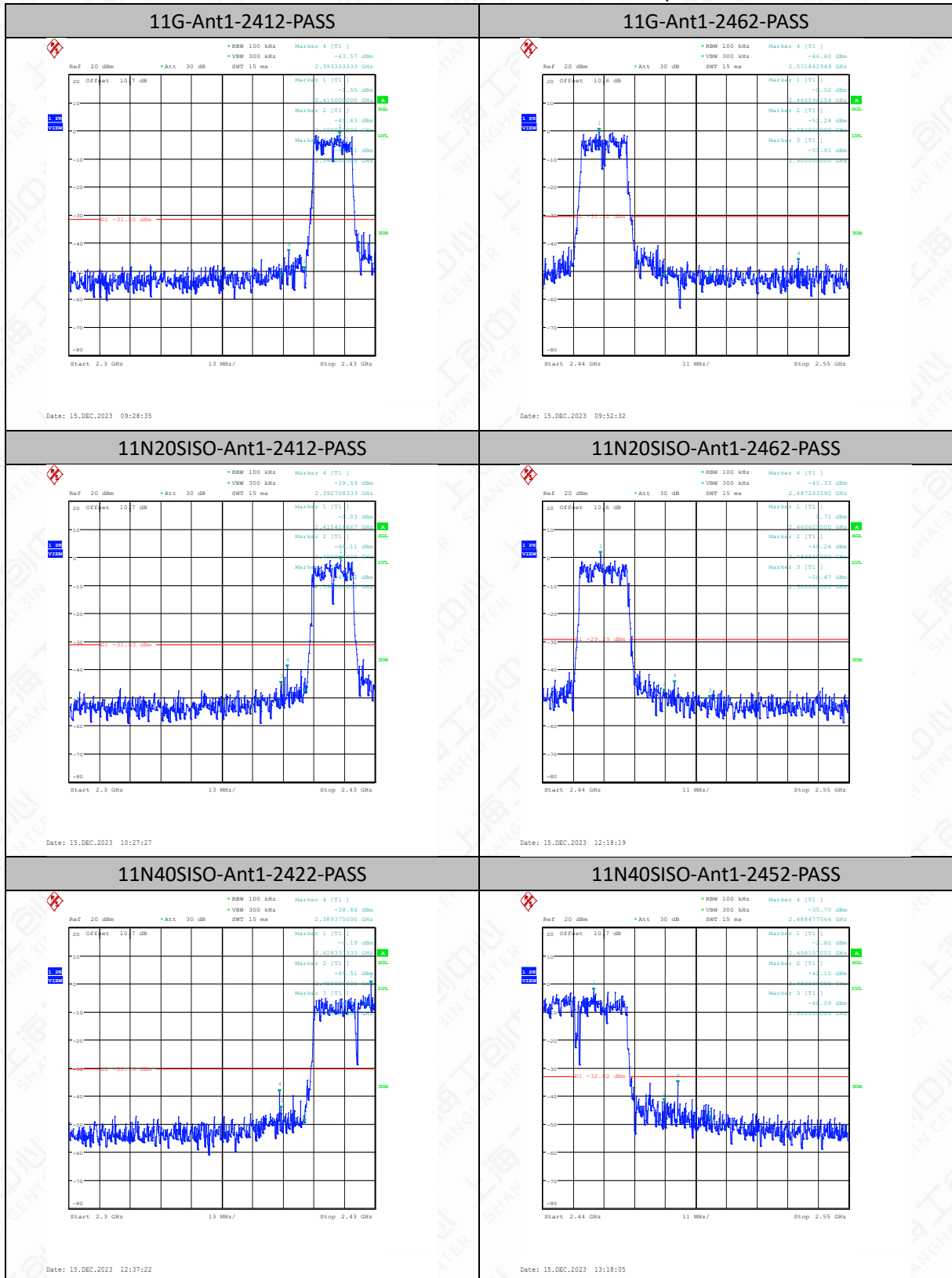
1. Set the center frequency and span to encompass frequency range to be measured.
2. Set the RBW = 100 kHz.
3. Set the VBW $\geq [3 \times \text{RBW}]$.
4. Detector = peak.
5. Sweep time = auto couple.
6. Trace mode = max hold.
7. Allow trace to fully stabilize.
8. Use the peak marker function to determine the maximum amplitude level.

6.6.3 Measurement results

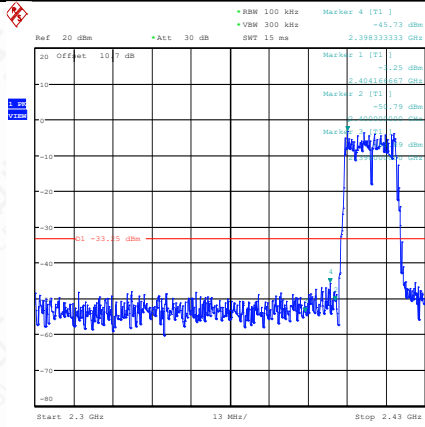
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.39	-46.34	≤-23.61	PASS
11B	Ant1	High	2462	6.60	-46.76	≤-23.4	PASS
11G	Ant1	Low	2412	-1.55	-43.57	≤-31.55	PASS
11G	Ant1	High	2462	-0.52	-46.6	≤-30.52	PASS
11N20SISO	Ant1	Low	2412	-1.03	-39.59	≤-31.03	PASS
11N20SISO	Ant1	High	2462	0.71	-45.33	≤-29.29	PASS
11N40SISO	Ant1	Low	2422	-0.19	-38.86	≤-30.19	PASS
11N40SISO	Ant1	High	2452	-2.82	-35.7	≤-32.82	PASS
11AC20SISO	Ant1	Low	2412	-3.25	-45.73	≤-33.25	PASS
11AC20SISO	Ant1	High	2462	-1.47	-47.12	≤-31.47	PASS
11AC40SISO	Ant1	Low	2422	-5.80	-45.84	≤-35.8	PASS
11AC40SISO	Ant1	High	2452	-4.44	-40.88	≤-34.44	PASS
11AX20SISO	Ant1	Low	2412	-2.37	-46.44	≤-32.37	PASS
11AX20SISO	Ant1	High	2462	-4.34	-46.8	≤-34.34	PASS
11AX40SISO	Ant1	Low	2422	-7.08	-47.44	≤-37.08	PASS
11AX40SISO	Ant1	High	2452	-3.77	-45.09	≤-33.77	PASS

Test Graphs



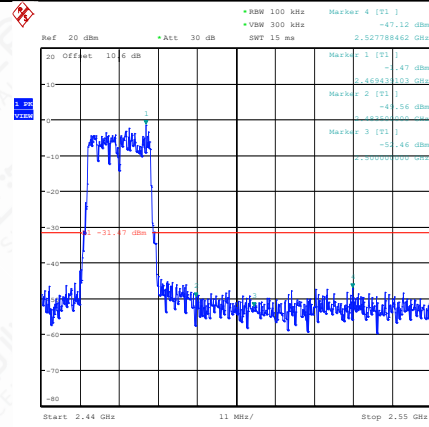


11AC20SISO-Ant1-2412-PASS



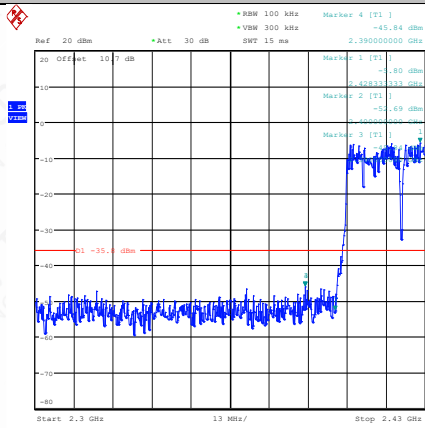
Date: 15,DEC,2023 13:40:39

11AC20SISO-Ant1-2462-PASS



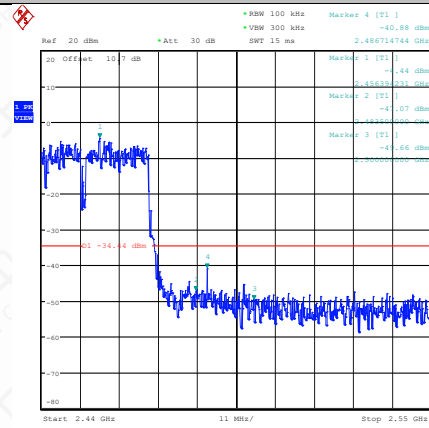
Date: 15,DEC,2023 14:04:42

11AC40SISO-Ant1-2422-PASS



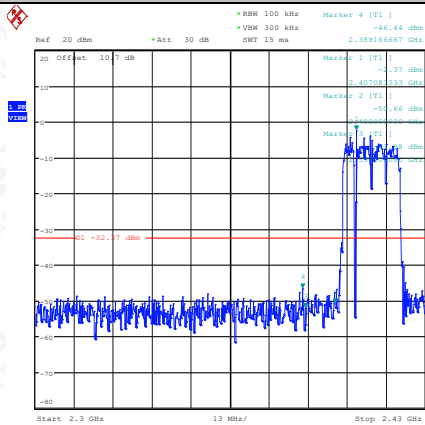
Date: 15,DEC,2023 14:23:18

11AC40SISO-Ant1-2452-PASS



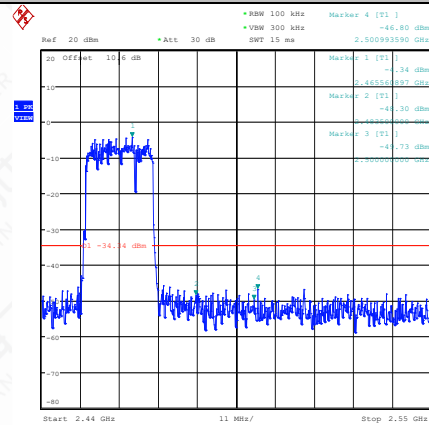
Date: 15,DEC,2023 15:01:03

11AX20SISO-Ant1-2412-PASS

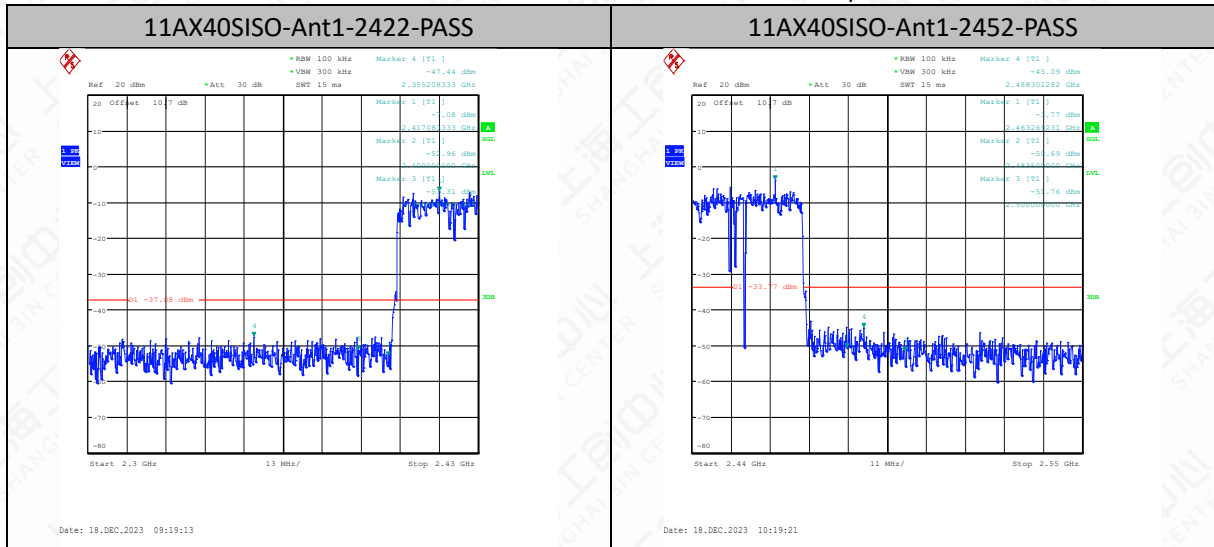


Date: 18,DEC,2023 08:40:48

11AX20SISO-Ant1-2462-PASS



Date: 18,DEC,2023 09:02:21



6.7 Transmitter Spurious Emission-conducted

6.7.1 Measurement Limit

Standard	Limit
FCC 47 Part 15.247(d)	30dB below highest level power in 100KHz bandwidth

6.7.2 Test procedures

This measurement is according to ANSI C63.10 clause 11.11.

The output power of EUT was connected to the spectrum analyzer. The path loss was compensated to the results for each measurement.

Enable EUT transmitter maximum power continuously.

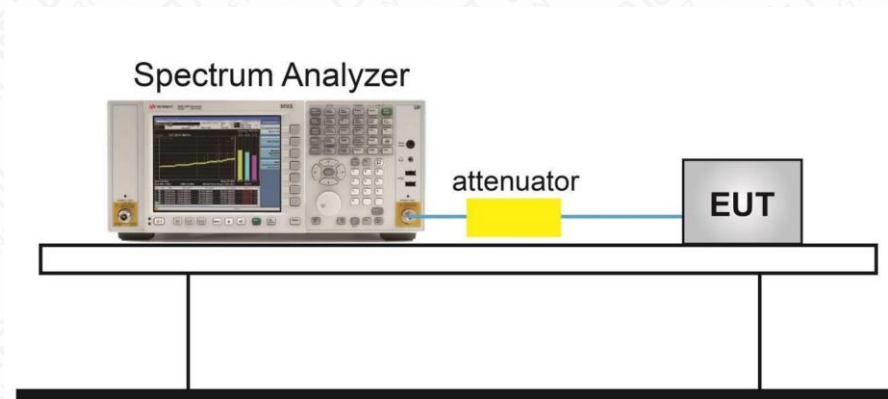
Reference level measurement

1. Set instrument center frequency to DTS channel center frequency.
2. Set the span to ≥ 1.5 times the DTS bandwidth.
3. Set the RBW = 100 kHz.
4. Set the VBW $\geq [3 \times \text{RBW}]$.
5. Detector = peak.
6. Sweep time = auto couple.
7. Trace mode = max hold.
8. Allow trace to fully stabilize.
9. Use the peak marker function to determine the maximum PSD level.

Emission level measurement

1. Set the center frequency and span to encompass frequency range to be measured.
2. Set the RBW = 100 kHz.
3. Set the VBW $\geq [3 \times \text{RBW}]$.
4. Detector = peak.
5. Sweep time = auto couple.
6. Trace mode = max hold.
7. Allow trace to fully stabilize.
8. Use the peak marker function to determine the maximum amplitude level.

6.7.3 Test Setup



6.7.4 Measurement Result

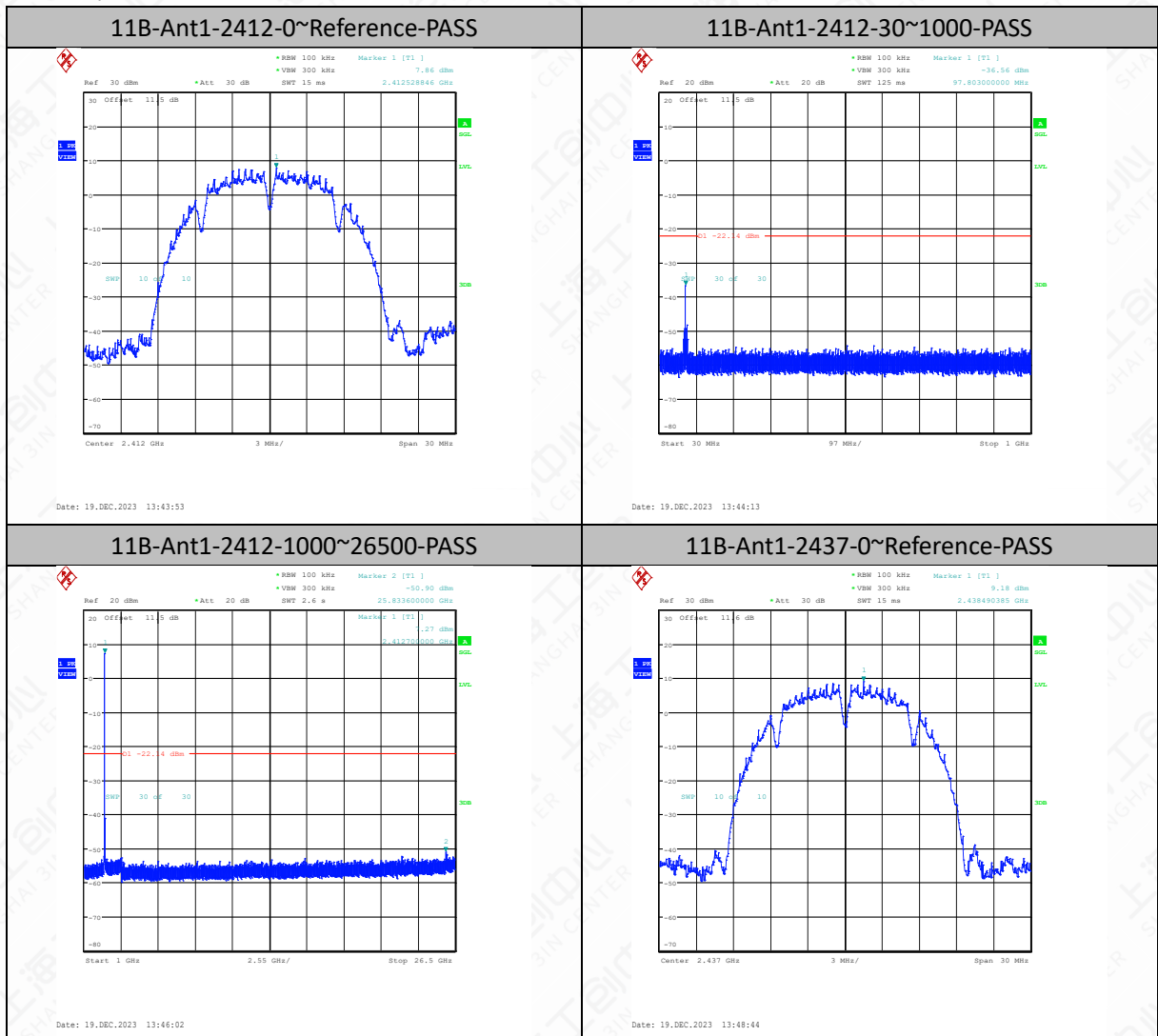
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	7.86	7.86	---	PASS
11B	Ant1	2412	30~1000	7.86	-36.56	≤ -22.14	PASS
11B	Ant1	2412	1000~26500	7.86	-50.9	≤ -22.14	PASS
11B	Ant1	2437	0~Reference	9.18	9.18	---	PASS
11B	Ant1	2437	30~1000	9.18	-35.15	≤ -20.82	PASS
11B	Ant1	2437	1000~26500	9.18	-51.22	≤ -20.82	PASS
11B	Ant1	2462	0~Reference	8.08	8.08	---	PASS
11B	Ant1	2462	30~1000	8.08	-35.45	≤ -21.92	PASS
11B	Ant1	2462	1000~26500	8.08	-52.01	≤ -21.92	PASS
11G	Ant1	2412	0~Reference	3.70	3.70	---	PASS
11G	Ant1	2412	30~1000	3.70	-48.87	≤ -26.3	PASS
11G	Ant1	2412	1000~26500	3.70	-52.03	≤ -26.3	PASS
11G	Ant1	2437	0~Reference	3.98	3.98	---	PASS
11G	Ant1	2437	30~1000	3.98	-47.1	≤ -26.02	PASS
11G	Ant1	2437	1000~26500	3.98	-51.26	≤ -26.02	PASS
11G	Ant1	2462	0~Reference	4.76	4.76	---	PASS
11G	Ant1	2462	30~1000	4.76	-47.65	≤ -25.24	PASS
11G	Ant1	2462	1000~26500	4.76	-51.97	≤ -25.24	PASS
11N20SISO	Ant1	2412	0~Reference	4.43	4.43	---	PASS
11N20SISO	Ant1	2412	30~1000	4.43	-49.44	≤ -25.57	PASS
11N20SISO	Ant1	2412	1000~26500	4.43	-52.07	≤ -25.57	PASS
11N20SISO	Ant1	2437	0~Reference	5.74	5.74	---	PASS
11N20SISO	Ant1	2437	30~1000	5.74	-47.49	≤ -24.26	PASS
11N20SISO	Ant1	2437	1000~26500	5.74	-51.46	≤ -24.26	PASS
11N20SISO	Ant1	2462	0~Reference	4.35	4.35	---	PASS

11N20SISO	Ant1	2462	30~1000	4.35	-48.77	≤-25.65	PASS
11N20SISO	Ant1	2462	1000~26500	4.35	-52	≤-25.65	PASS
11N40SISO	Ant1	2422	0~Reference	1.66	1.66	---	PASS
11N40SISO	Ant1	2422	30~1000	1.66	-49.23	≤-28.34	PASS
11N40SISO	Ant1	2422	1000~26500	1.66	-51.72	≤-28.34	PASS
11N40SISO	Ant1	2437	0~Reference	1.77	1.77	---	PASS
11N40SISO	Ant1	2437	30~1000	1.77	-48.8	≤-28.23	PASS
11N40SISO	Ant1	2437	1000~26500	1.77	-51.78	≤-28.23	PASS
11N40SISO	Ant1	2452	0~Reference	0.30	0.30	---	PASS
11N40SISO	Ant1	2452	30~1000	0.30	-45.36	≤-29.7	PASS
11N40SISO	Ant1	2452	1000~26500	0.30	-52.1	≤-29.7	PASS
11AC20SISO	Ant1	2412	0~Reference	1.51	1.51	---	PASS
11AC20SISO	Ant1	2412	30~1000	1.51	-51.96	≤-28.49	PASS
11AC20SISO	Ant1	2412	1000~26500	1.51	-52.39	≤-28.49	PASS
11AC20SISO	Ant1	2437	0~Reference	3.66	3.66	---	PASS
11AC20SISO	Ant1	2437	30~1000	3.66	-51.22	≤-26.34	PASS
11AC20SISO	Ant1	2437	1000~26500	3.66	-51.94	≤-26.34	PASS
11AC20SISO	Ant1	2462	0~Reference	2.33	2.33	---	PASS
11AC20SISO	Ant1	2462	30~1000	2.33	-51.37	≤-27.67	PASS
11AC20SISO	Ant1	2462	1000~26500	2.33	-52.32	≤-27.67	PASS
11AC40SISO	Ant1	2422	0~Reference	-0.42	-0.42	---	PASS
11AC40SISO	Ant1	2422	30~1000	-0.42	-52.6	≤-30.42	PASS
11AC40SISO	Ant1	2422	1000~26500	-0.42	-51.79	≤-30.42	PASS
11AC40SISO	Ant1	2437	0~Reference	-0.48	-0.48	---	PASS
11AC40SISO	Ant1	2437	30~1000	-0.48	-52.53	≤-30.48	PASS
11AC40SISO	Ant1	2437	1000~26500	-0.48	-51.36	≤-30.48	PASS
11AC40SISO	Ant1	2452	0~Reference	-0.19	-0.19	---	PASS
11AC40SISO	Ant1	2452	30~1000	-0.19	-51.47	≤-30.19	PASS
11AC40SISO	Ant1	2452	1000~26500	-0.19	-51.82	≤-30.19	PASS
11AX20SISO	Ant1	2412	0~Reference	1.57	1.57	---	PASS
11AX20SISO	Ant1	2412	30~1000	1.57	-53.82	≤-28.43	PASS
11AX20SISO	Ant1	2412	1000~26500	1.57	-51.4	≤-28.43	PASS
11AX20SISO	Ant1	2437	0~Reference	2.57	2.57	---	PASS
11AX20SISO	Ant1	2437	30~1000	2.57	-51.97	≤-27.43	PASS
11AX20SISO	Ant1	2437	1000~26500	2.57	-51.65	≤-27.43	PASS
11AX20SISO	Ant1	2462	0~Reference	1.73	1.73	---	PASS
11AX20SISO	Ant1	2462	30~1000	1.73	-52.72	≤-28.27	PASS
11AX20SISO	Ant1	2462	1000~26500	1.73	-52.08	≤-28.27	PASS
11AX40SISO	Ant1	2422	0~Reference	-1.62	-1.62	---	PASS
11AX40SISO	Ant1	2422	30~1000	-1.62	-52.72	≤-31.62	PASS
11AX40SISO	Ant1	2422	1000~26500	-1.62	-51.69	≤-31.62	PASS
11AX40SISO	Ant1	2437	0~Reference	-1.78	-1.78	---	PASS
11AX40SISO	Ant1	2437	30~1000	-1.78	-52.82	≤-31.78	PASS

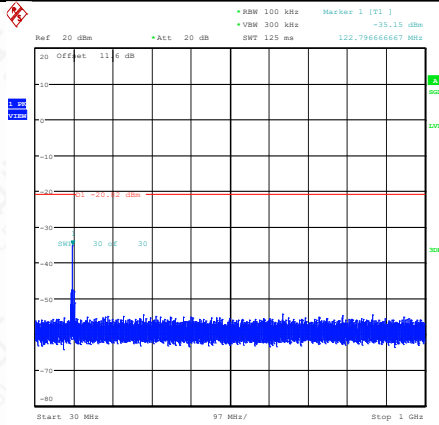
Report No: 23T04I30133-SRD03-V00

11AX40SISO	Ant1	2437	1000~26500	-1.78	-51.06	≤-31.78	PASS
11AX40SISO	Ant1	2452	0~Reference	-0.45	-0.45	---	PASS
11AX40SISO	Ant1	2452	30~1000	-0.45	-50.38	≤-30.45	PASS
11AX40SISO	Ant1	2452	1000~26500	-0.45	-52.3	≤-30.45	PASS

Test Graphs

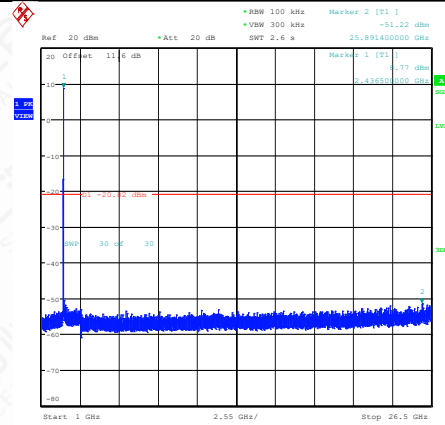


11B-Ant1-2437-30~1000-PASS



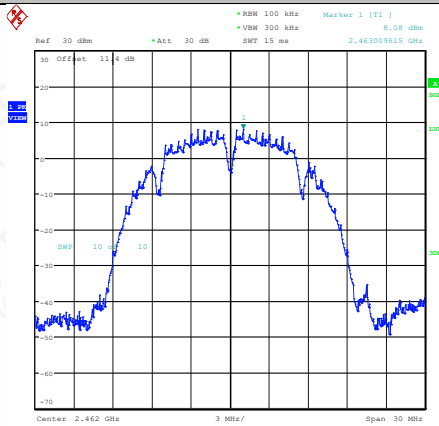
Date: 19.DEC.2023 13:49:04

11B-Ant1-2437-1000~26500-PASS



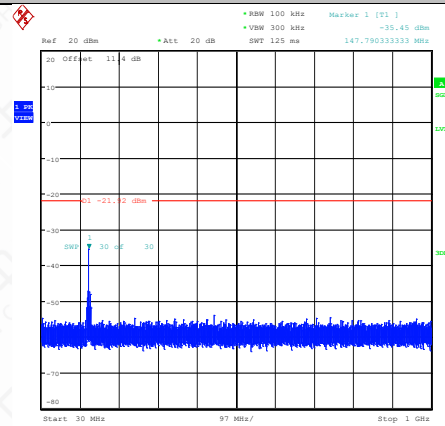
Date: 19.DEC.2023 13:50:53

11B-Ant1-2462-0~Reference-PASS



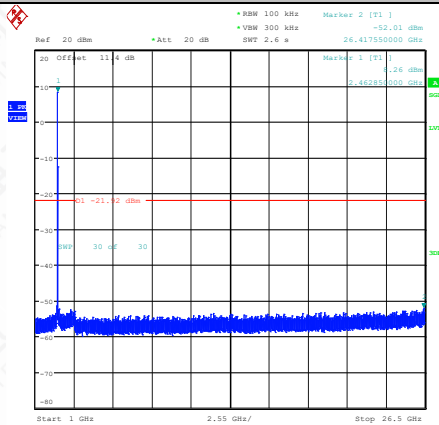
Date: 19.DEC.2023 13:53:05

11B-Ant1-2462-30~1000-PASS



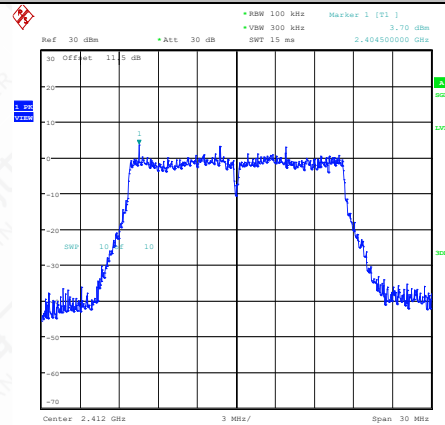
Date: 19.DEC.2023 13:53:24

11B-Ant1-2462-1000~26500-PASS



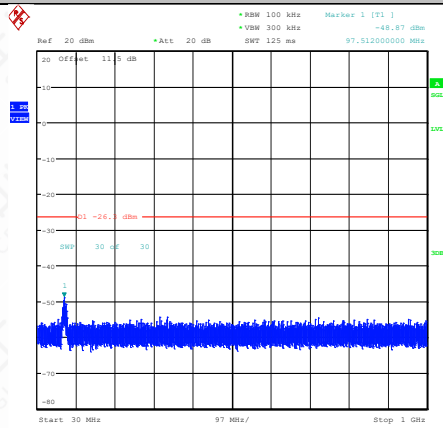
Date: 19.DEC.2023 13:55:14

11G-Ant1-2412-0~Reference-PASS



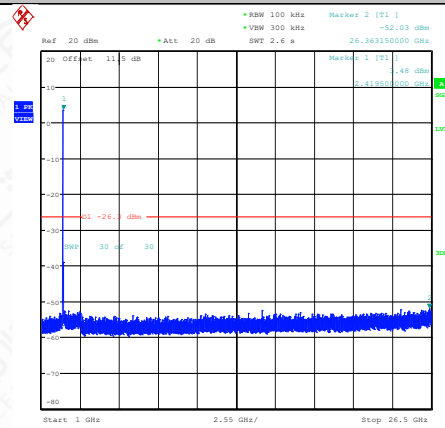
Date: 19.DEC.2023 13:56:00

11G-Ant1-2412-30~1000-PASS



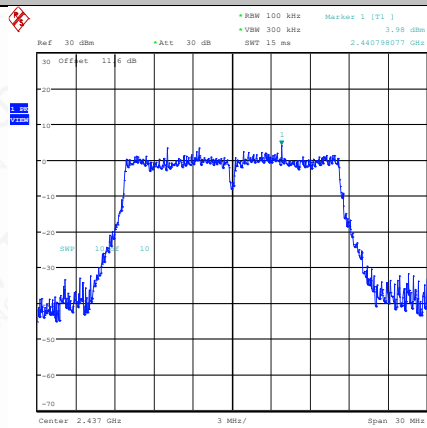
Date: 19.DEC.2023 13:56:20

11G-Ant1-2412-1000~26500-PASS



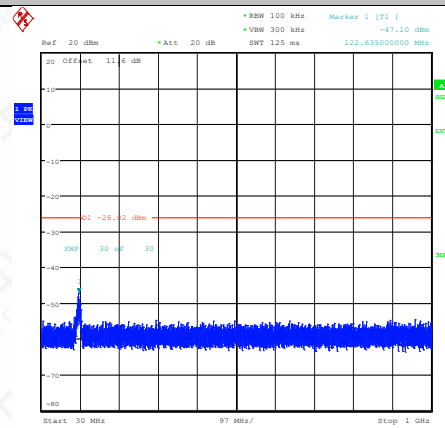
Date: 19.DEC.2023 13:58:09

11G-Ant1-2437-0~Reference-PASS



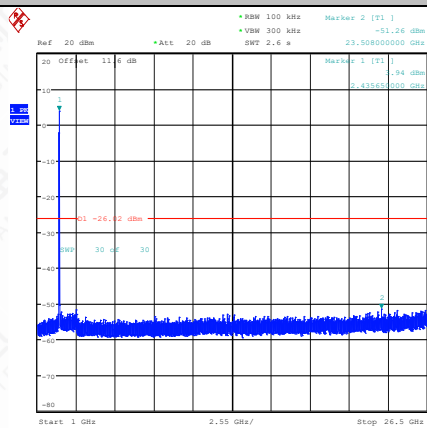
Date: 19.DEC.2023 14:00:42

11G-Ant1-2437-30~1000-PASS



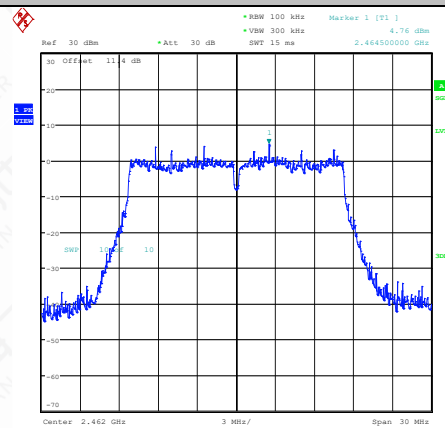
Date: 19.DEC.2023 14:01:01

11G-Ant1-2437-1000~26500-PASS



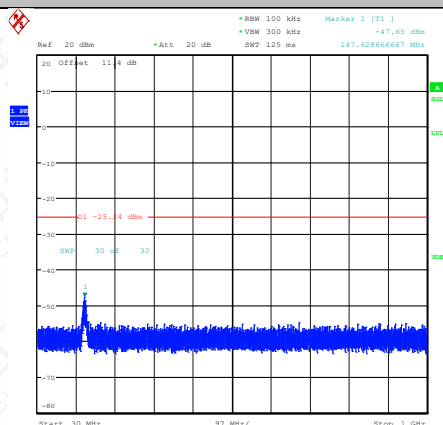
Date: 19.DEC.2023 14:02:49

11G-Ant1-2462-0~Reference-PASS



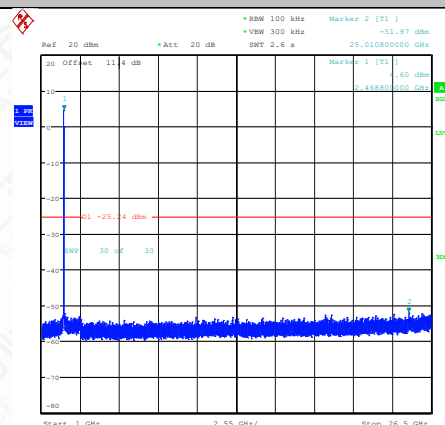
Date: 19.DEC.2023 14:03:26

11G-Ant1-2462-30~1000-PASS



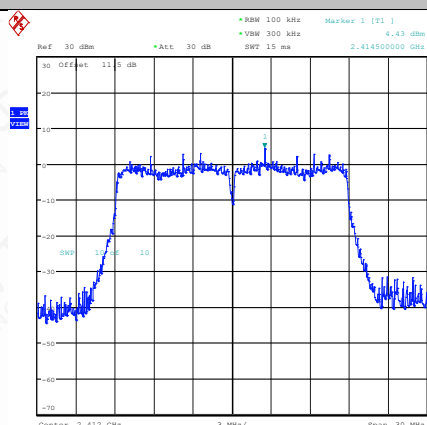
Date: 19.DEC.2023 14:03:46

11G-Ant1-2462-1000~26500-PASS



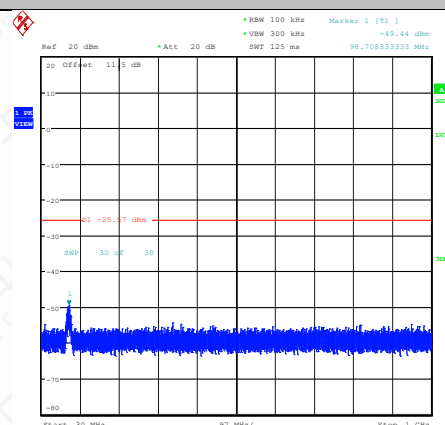
Date: 19.DEC.2023 14:05:35

11N20SISO-Ant1-2412-0~Reference-PASS



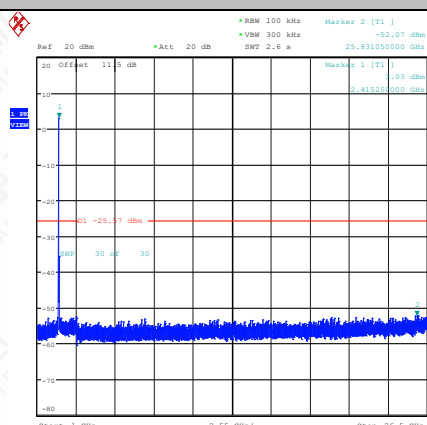
Date: 19.DEC.2023 13:31:25

11N20SISO-Ant1-2412-30~1000-PASS



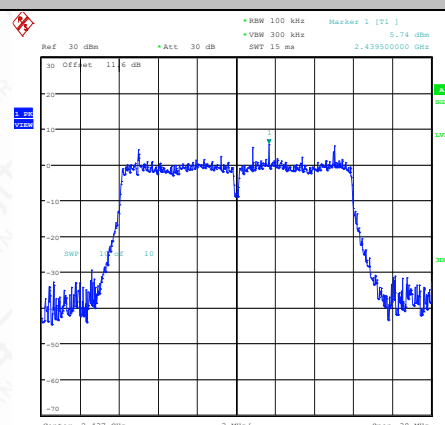
Date: 19.DEC.2023 13:31:45

11N20SISO-Ant1-2412-1000~26500-PASS



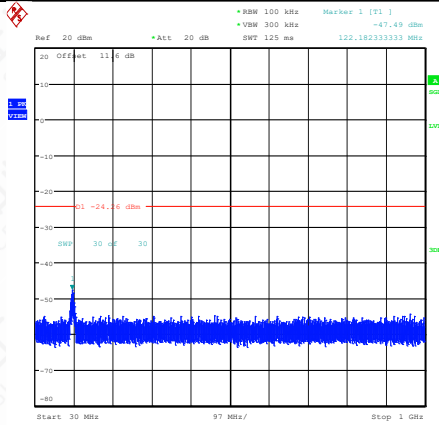
Date: 19.DEC.2023 13:33:33

11N20SISO-Ant1-2437-0~Reference-PASS



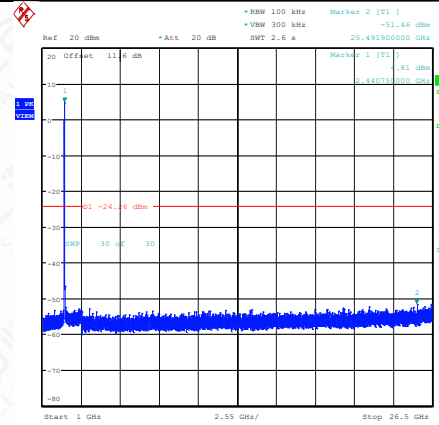
Date: 19.DEC.2023 14:07:22

11N20SISO-Ant1-2437-30~1000-PASS



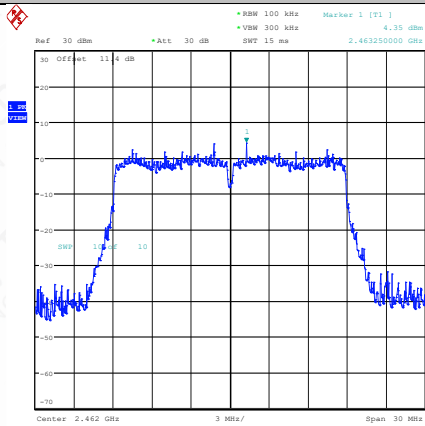
Date: 19.DEC.2023 14:07:41

11N20SISO-Ant1-2437-1000~26500-PASS



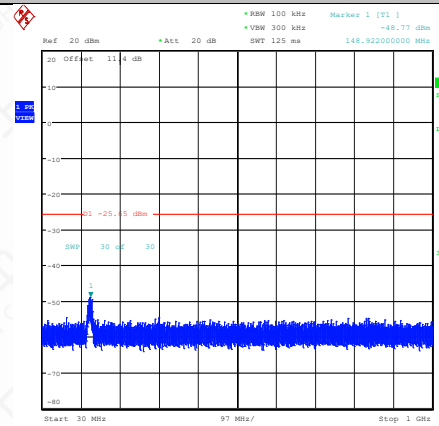
Date: 19.DEC.2023 14:09:31

11N20SISO-Ant1-2462-0~Reference-PASS



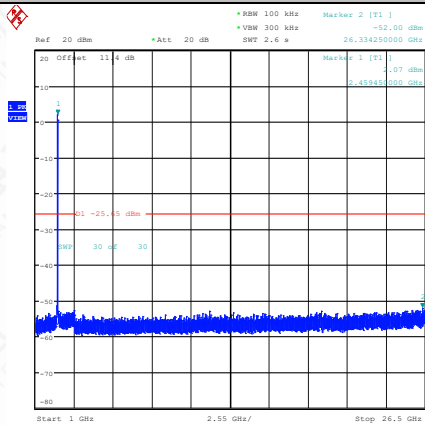
Date: 19.DEC.2023 14:10:34

11N20SISO-Ant1-2462-30~1000-PASS



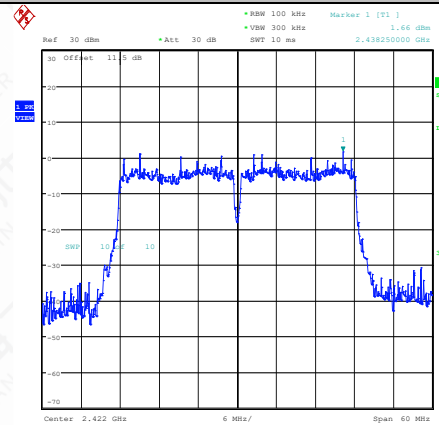
Date: 19.DEC.2023 14:10:54

11N20SISO-Ant1-2462-1000~26500-PASS



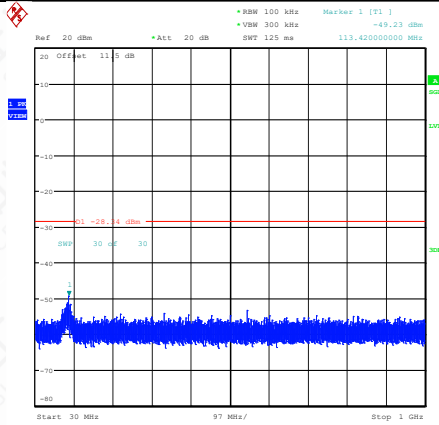
Date: 19.DEC.2023 14:12:44

11N40SISO-Ant1-2422-0~Reference-PASS



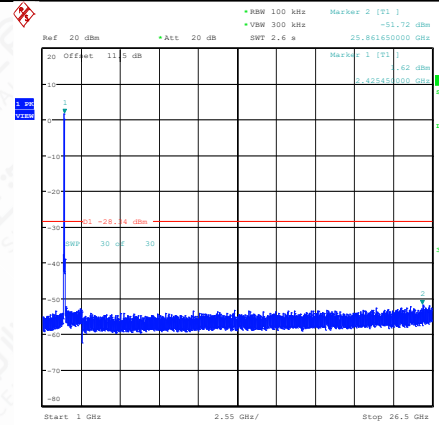
Date: 19.DEC.2023 14:14:42

11N40SISO-Ant1-2422-30~1000-PASS



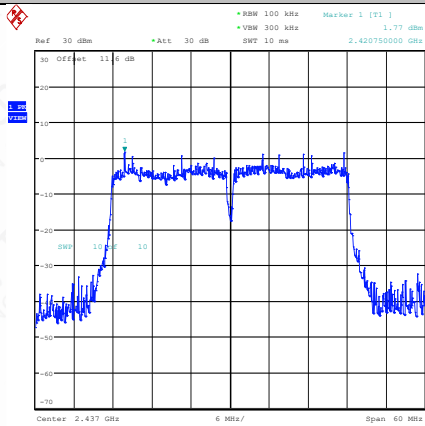
Date: 19.DEC.2023 14:15:02

11N40SISO-Ant1-2422-1000~26500-PASS



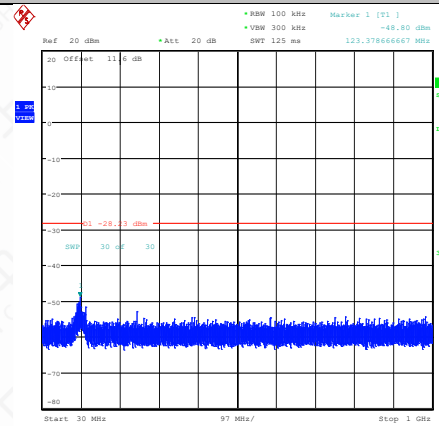
Date: 19.DEC.2023 14:16:52

11N40SISO-Ant1-2437-0~Reference-PASS



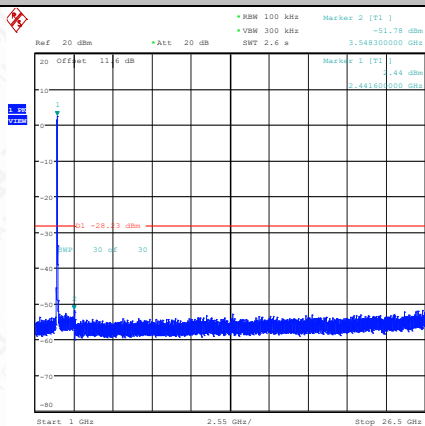
Date: 19.DEC.2023 14:20:20

11N40SISO-Ant1-2437-30~1000-PASS



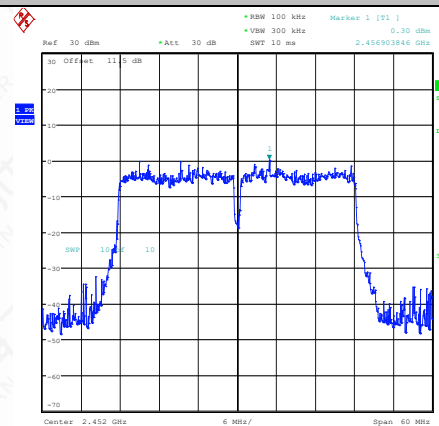
Date: 19.DEC.2023 14:20:40

11N40SISO-Ant1-2437-1000~26500-PASS



Date: 19.DEC.2023 14:22:29

11N40SISO-Ant1-2452-0~Reference-PASS



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