

Prüfbericht-Nr.: <i>Test report no.:</i>	CN22WMZD 002	Auftrags-Nr.: <i>Order no.:</i>	168389903	Seite 1 von 22 <i>Page 1 of 22</i>
Kunden-Referenz-Nr.: <i>Client reference no.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	2022-09-19	
Auftraggeber: <i>Client:</i>	SZ DJI TECHNOLOGY CO., LTD. 14th Floor, West Wing, Skyworth Semiconductor Design Building No.18 Gaoxin South 4th Ave Nanshan District, Shenzhen, P.R. China			
Prüfgegenstand: <i>Test item:</i>	DJI Mini 2 SE			
Bezeichnung / Typ-Nr.: <i>Identification / Type no.:</i>	MT2SD (Trademark: DJI)			
Auftrags-Inhalt: <i>Order content:</i>	Test Report			
Prüfgrundlage: <i>Test specification:</i>	CFR47 FCC Part 15: Subpart C Section 15.247			
Wareneingangsdatum: <i>Date of sample receipt:</i>	2022-09-20	Please refer to photo documents		
Prüfmuster-Nr.: <i>Test sample no.:</i>	A003336027-006~007, 009~011			
Prüfzeitraum: <i>Testing period:</i>	2022-09-21 to 2022-10-17			
Ort der Prüfung: <i>Place of testing:</i>	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüflaboratorium: <i>Testing laboratory:</i>	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüfergebnis*: <i>Test result*:</i>	Pass			
geprüft von: <i>tested by:</i>	genehmigt von: <i>authorized by:</i>			
Datum: <i>Date:</i> 2022-10-31	Ausstellungsdatum: <i>Issue date:</i> 2022-10-31			
Stellung / Position:	Project Manager	Stellung / Position:	Reviewer	
Sonstiges / Other:	FCC ID: SS3-MT2SD22 This report is for 2.4GHz SDR.			
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i>	Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i>			
* Legende:	1 = sehr gut P(ass) = entspricht o.g. Prüfgrundlage(n)	2 = gut F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	3 = befriedigend N/A = nicht anwendbar	4 = ausreichend N/T = nicht getestet
* Legend:	1 = very good P(ass) = passed a.m. test specification(s)	2 = good F(ail) = failed a.m. test specification(s)	3 = satisfactory N/A = not applicable	4 = sufficient N/T = not tested
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>				

V05

Test Summary

5.1.1 ANTENNA REQUIREMENT

RESULT: Pass

5.1.2 MAXIMUM PEAK CONDUCTED OUTPUT POWER

RESULT: Pass

5.1.3 CONDUCTED POWER SPECTRAL DENSITY

RESULT: Pass

5.1.4 6dB BANDWIDTH

RESULT: Pass

5.1.5 99% BANDWIDTH

RESULT: Pass

5.1.6 CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100 KHz BANDWIDTH

RESULT: Pass

5.1.7 RADIATED SPURIOUS EMISSION

RESULT: Pass

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1 General Remarks

1.1 Complementary Materials

All attachments are integral parts of this test report. This applies especially to the following appendix:

Appendix A: Test Results of 2.4GHz SDR

Appendix B: Photographs of the Test Set-up

2 Test Sites

2.1 Test Facilities

TÜV Rheinland (Shenzhen) Co., Ltd.

362 Huanguan Road Middle Longhua District, Shenzhen 518110 People's Republic of China

FCC Registration No.: 694916

ISED wireless device testing laboratory: 25069

A2LA Certificate Number: 5162.01

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Radio Spectrum Testing (SRD-Tonscend)				
Equipment	Manufacturer	Model	Serial No.	Cal. until
EXA Signal Analyzer, Multi-touch	Keysight	N9010B	MY60241175	2023-10-10
MXG X-Series RF Vector Signal Generator	Keysight	N5182B	MY61250137	2023-10-10
EXG X-Series Microwave Analog Signal Generator	Keysight	N5173B	MY61250141	2023-10-10
DC power supply	Keysight	E3642A	MY61276100	2023-10-10
Power Control Unit	Tonscend	JS0806-4ADC	N/A	2023-10-10
Automation Control Unit	Tonscend	JS0806-2	21C8060396	2023-10-10
Test Software	Tonscend	JS1120-3	N/A	N/A
Control PC	Lenovo	TianYi510S-071MB	YLX23JMF	N/A
Shielding Room 8#	Albatross	SR8	APC17151-SR8	2024-06-22
Unwanted Emission Testing (TS9975)				
Equipment	Manufacturer	Model	Serial No.	Cal. until
EMI Test Receiver	R&S	ESR 7	102021	2023-08-02
Signal Analyzer	R&S	FSV 40	101439	2023-08-01
System Controller Interface	R&S	SCI-100	S10010038	N/A
Filterbank	R&S	Wlan	100759	2023-08-01
OSP	R&S	OSP 120	102040	N/A
Pre-amplifier	R&S	SCU08F1	08320031	2023-08-02
Amplifier	R&S	SCU-18F	180070	2023-08-02
Amplifier	R&S	SCU40A	100475	2023-08-02
Trilog Broadband Antenna (30 MHz - 7 GHz)	Schwarzbeck	VULB 9162	193	2023-08-06
Double-Ridged Antenna (1 -18 GHz)	ETS-LINDGREN	3117	00218717	2023-08-06
Wideband Ridged Horn Antenna (18-40 GHz)	Steatite	QMS-00880	19067	2023-08-08
Active Loop Antenna	Schwarzbeck	FMZB 1513	302	2023-08-06
Test software	R&S	EMC32 (V10.60.10)	N/A	N/A
Control PC	Dell	OptiPlex 7050	36NV9P2	N/A
3m Semi-Anechoic Chamber	Albatross	SAC-3m	APC17151-SAC	2024-06-22

2.3 Traceability

All measurement equipment calibrations are traceable to NIM (National Institute of Metrology) or where calibration is performed in other countries, to equivalent nationally recognized standards organizations.

2.4 Calibration

Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basis using in house standards or comparisons.

2.5 Measurement Uncertainty

The estimated combined standard uncertainty for radiated emissions and conducted emissions measurements as below table.

Table 2: Measurement Uncertainty

Parameter	Uncertainty (k=2)
Occupied Channel Bandwidth	$\pm 2.08 \%$
RF output power, conducted	$\pm 0.99 \text{ dB}$
RF power density, conducted	$\pm 0.99 \text{ dB}$
Unwanted Emissions, conducted	$\pm 0.89 \text{ dB}$
All emissions, radiated	$\pm 4.17 \text{ dB}$

2.6 Location of Original Data

The original copies of all test data taken during actual testing were attached at A & B of this report and delivered to the applicant. A copy has been retained in the TÜV Rheinland (Shenzhen) Co., Ltd. file for certification follow-up purposes.

2.7 Status of Facility Used for Testing

The TÜV Rheinland (Shenzhen) Co., Ltd. Test facility located at 362 Huanguan Road Middle Longhua District, Shenzhen 518110 People's Republic of China is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

3 General Product Information

3.1 Product Function and Intended Use

The EUT (Equipment Under Test) is a DJI Mini 2 SE. It supports 2.4GHz SDR, 5.8GHz SDR and GNSS functions.

*remark: SDR means specific defined radio, and cannot changes radio specification via software/firmware by end-users.

Note: When the EUT is charged, other functions cannot be used.

For details refer to the User Manual, Technical Description and Circuit Diagram.

3.2 Ratings and System Details

Table 3: Technical Specification of EUT

General Information of EUT	Value
Kind of Equipment	DJI Mini 2 SE
Type Designation	MT2SD
Operating Voltage	AC 100-240V, 50/60Hz input via AC/DC adapter or Battery operated (Max 7.7V)
Testing Voltage	Full battery
Extreme Temperature Range	0°C ~ 40 °C
Radiofrequency operating mode	1) 2.4GHz SDR: operating within 2400-2483.5MHz, supports 1.4MHz/3MHz/10MHz/20MHz Bandwidth 2) 5.8GHz SDR: operating within 5725-5850MHz, supports 1.4MHz/3MHz/10MHz/20MHz Bandwidth 3) GNSS (receiver): 1559-1610MHz
Adapter	Model: QC18-US Input: 100-240V, 50/60Hz, 0.5A Output: DC 5.0V/3A or 9.0V/2A or 12.0V/1.5A
Technical Specification of 2.4GHz SDR	
Operating Frequency	2407.5-2465.5MHz for 1.4MHz Bandwidth 2409.12-2467.12MHz for 1.4MHz Bandwidth (CA mode) 2417.5-2456.5MHz for 3MHz Bandwidth 2405.5-2476.5MHz for 10MHz Bandwidth 2410.5-2472.5MHz for 20MHz Bandwidth
Type of Modulation	OFDM (QPSK, 16QAM, 64QAM)
Channel Number	30 channels for 1.4MHz Bandwidth 30 channels for 1.4MHz Bandwidth (CA mode) 14 channels for 3MHz Bandwidth 72 channels for 10MHz Bandwidth 63 channels for 20MHz Bandwidth
Channel Separation	2MHz for 1.4MHz Bandwidth 2MHz for 1.4MHz Bandwidth (CA mode) 3MHz for 3MHz Bandwidth 1MHz for 10MHz Bandwidth 1MHz for 20MHz Bandwidth
Antenna Number	2 Integral Antennas, only 1TX2RX mode supported.

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Antenna Gain	2.5 dBi Max
The type of wideband data transmission equipment	DTS

Table 4: RF Channel and Frequency of 2.4GHz SDR

2.4GHz 1.4MHz Bandwidth (2407.5MHz-2465.5MHz)			
RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
1	2407.5	16	2437.5
2	2409.5	17	2439.5
3	2411.5	18	2441.5
4	2413.5	19	2443.5
5	2415.5	20	2445.5
6	2417.5	21	2447.5
7	2419.5	22	2449.5
8	2421.5	23	2451.5
9	2423.5	24	2453.5
10	2425.5	25	2455.5
11	2427.5	26	2457.5
12	2429.5	27	2459.5
13	2431.5	28	2461.5
14	2433.5	29	2463.5
15	2435.5	30	2465.5

2.4GHz 1.4MHz Bandwidth (CA Mode) (2409.12MHz-2467.12MHz)			
RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
1	2409.12	16	2439.12
2	2411.12	17	2441.12
3	2413.12	18	2443.12
4	2415.12	19	2445.12
5	2417.12	20	2447.12
6	2419.12	21	2449.12
7	2421.12	22	2451.12
8	2423.12	23	2453.12
9	2425.12	24	2455.12
10	2427.12	25	2457.12
11	2429.12	26	2459.12
12	2431.12	27	2461.12
13	2433.12	28	2463.12
14	2435.12	29	2465.12
15	2437.12	30	2467.12

2.4GHz 3MHz Bandwidth (2417.5MHz-2456.5MHz)			
RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
1	2417.5	8	2438.5
2	2420.5	9	2441.5
3	2423.5	10	2444.5
4	2426.5	11	2447.5
5	2429.5	12	2450.5
6	2432.5	13	2453.5
7	2435.5	14	2456.5

2.4GHz 10MHz Bandwidth (2405.5MHz-2476.5MHz)							
RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
1	2405.5	19	2423.5	37	2441.5	55	2459.5
2	2406.5	20	2424.5	38	2442.5	56	2460.5
3	2407.5	21	2425.5	39	2443.5	57	2461.5
4	2408.5	22	2426.5	40	2444.5	58	2462.5
5	2409.5	23	2427.5	41	2445.5	59	2463.5
6	2410.5	24	2428.5	42	2446.5	60	2464.5
7	2411.5	25	2429.5	43	2447.5	61	2465.5
8	2412.5	26	2430.5	44	2448.5	62	2466.5
9	2413.5	27	2431.5	45	2449.5	63	2467.5
10	2414.5	28	2432.5	46	2450.5	64	2468.5
11	2415.5	29	2433.5	47	2451.5	65	2469.5
12	2416.5	30	2434.5	48	2452.5	66	2470.5
13	2417.5	31	2435.5	49	2453.5	67	2471.5
14	2418.5	32	2436.5	50	2454.5	68	2472.5
15	2419.5	33	2437.5	51	2455.5	69	2473.5
16	2420.5	34	2438.5	52	2456.5	70	2474.5
17	2421.5	35	2439.5	53	2457.5	71	2475.5
18	2422.5	36	2440.5	54	2458.5	72	2476.5

2.4GHz 20MHz Bandwidth (2410.5MHz-2472.5MHz)					
RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
1	2410.5	22	2431.5	43	2452.5
2	2411.5	23	2432.5	44	2453.5
3	2412.5	24	2433.5	45	2454.5
4	2413.5	25	2434.5	46	2455.5
5	2414.5	26	2435.5	47	2456.5
6	2415.5	27	2436.5	48	2457.5
7	2416.5	28	2437.5	49	2458.5
8	2417.5	29	2438.5	50	2459.5
9	2418.5	30	2439.5	51	2460.5
10	2419.5	31	2440.5	52	2461.5
11	2420.5	32	2441.5	53	2462.5
12	2421.5	33	2442.5	54	2463.5
13	2422.5	34	2443.5	55	2464.5
14	2423.5	35	2444.5	56	2465.5
15	2424.5	36	2445.5	57	2466.5
16	2425.5	37	2446.5	58	2467.5
17	2426.5	38	2447.5	59	2468.5
18	2427.5	39	2448.5	60	2469.5
19	2428.5	40	2449.5	61	2470.5
20	2429.5	41	2450.5	62	2471.5
21	2430.5	42	2451.5	63	2472.5

3.3 Independent Operation Modes

The basic operation modes are:

- A. On, 2.4GHz SDR wireless transmitting mode
 - 1) Low Channel
 - 2) Middle Channel
 - 3) High Channel
- B. On, Normal Operation
- C. Off

3.4 Noise Generating and Noise Suppressing Parts

Refer to Circuit Diagram for further details.

3.5 Submitted Documents

- | | |
|--------------------|------------------------------|
| - Application Form | - User Manual |
| - Block Diagram | - ID Label and Location Info |

4 Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

Radio Spectrum: The equipment under test (EUT) was configured at its highest power output in order to measure its highest possible radiation and conducted level. The test modes were adapted accordingly in reference to the instructions for use.

Emission: The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the instructions for use.

4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5. All tests were performed according to the procedures in ANSI C63.10: 2013.

According to clause 3.1, all tests were performed on model MT2SD in this report.

4.3 Special Accessories and Auxiliary Equipment

Table 5: Auxiliary Equipment Used during Test

Description	Manufacturer	Model	S/N
Laptop	Lenovo	T480	PF-16A6N8

4.4 Countermeasures to Achieve EMC Compliance

The test sample which has been tested contained the noise suppression parts as described in the Technical Construction File (TCF).

No additional measures were employed to achieve compliance.

4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test (Below 1GHz)

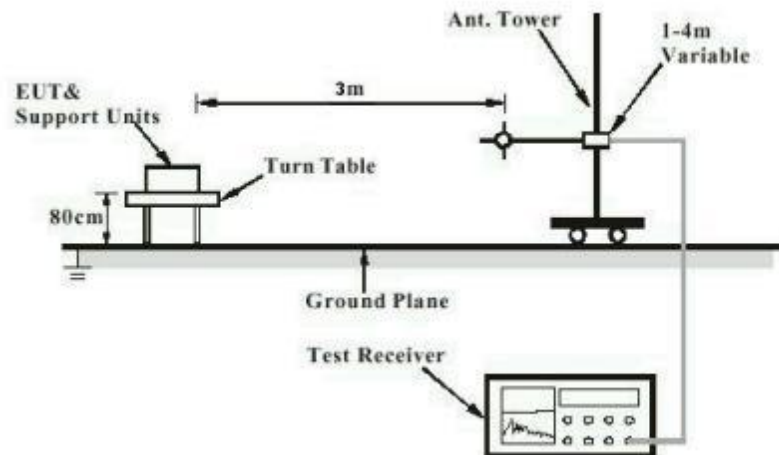


Diagram of Measurement Configuration for Radiation Test (Above 1GHz)

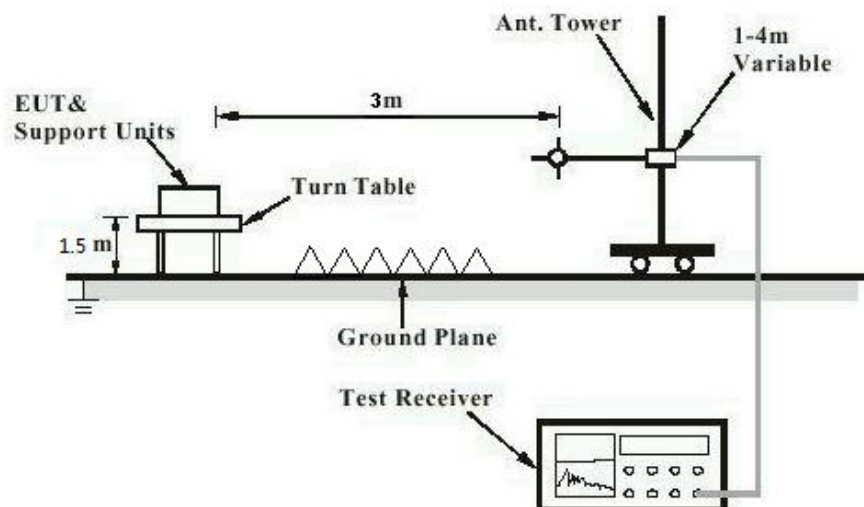
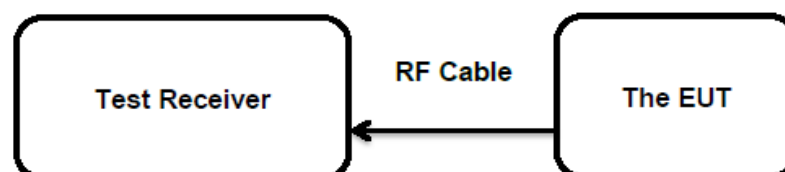


Diagram of Measurement Configuration for Conducted Transmitter Measurement



5 Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT:

Pass

Test Specification

Test standard : FCC Part 15.247(b)(4) and Part 15.203

According to the manufacturer declared, the EUT has Integral Antennas, permanent attached and no consideration of replacement. Details as listed on section 3.2 table 2.

Therefore the EUT is considered sufficient to comply with the provision.

Refer to EUT Photo for further details.

5.1.2 Maximum Peak Conducted Output Power

RESULT:
Pass
Test Specification

Test standard : FCC Part 15.247(b)(3)
 Basic standard : ANSI C63.10: 2013
 Limits : 1.0 Watts
 Kind of test site : Shielded Room

Test Setup

Date of testing : 2022-10-07 to 2022-10-11
 Input voltage : Fully charged battery
 Operation mode : A
 Test channel : Low / Middle / High
 Ambient temperature : 25.6 °C
 Relative humidity : 55 %
 Atmospheric pressure : 101 kPa

Table 6: Test Result of Maximum Conducted Output Power, 2.4GHz SDR
Both the Ant 0 and Ant 1 ports tested, only the worst-case reported.

Test Mode	Test Channel (MHz)	Measured Average Power		Limit (W)
		(dBm)	(W)	
1.4MHz BW	2407.5	13.96	0.0249	< 1.0
	2435.5	13.80	0.0240	
	2465.5	13.87	0.0244	
1.4MHz BW CA	2409.12	13.89	0.0245	
	2437.12	13.56	0.0227	
	2467.12	14.19	0.0262	
3MHz BW	2417.5	13.92	0.0247	
	2435.5	13.77	0.0238	
	2456.5	14.00	0.0251	
10MHz BW	2405.5	14.98	0.0315	
	2440.5	21.15	0.1303	
	2476.5	4.63	0.0029	
20MHz BW	2410.5	9.13	0.0082	
	2441.5	20.68	0.1169	
	2472.5	-3.85	0.0004	
Max. e.i.r.p.=21.15dBm+2.5dBi=23.65dBm.				

5.1.3 Conducted Power Spectral Density

RESULT:**Pass****Test Specification**

Test standard	: FCC Part 15.247(e)
Basic standard	: ANSI C63.10: 2013
Limits	: < 8 dBm / 3kHz
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 2022-09-21 to 2022-10-11
Input voltage	: Fully charged battery
Operation mode	: A
Test channel	: Low / Middle / High
Ambient temperature	: 25.6 °C
Relative humidity	: 55 %
Atmospheric pressure	: 101 kPa

For the measurement records, refer to the appendix A

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5.1.4 6dB Bandwidth

RESULT:**Pass****Test Specification**

Test standard	: FCC Part 15.247(a)(2)
Basic standard	: ANSI C63.10: 2013
Limits	: > 500 KHz
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 2022-09-21 to 2022-10-11
Input voltage	: Fully charged battery
Operation mode	: A
Test channel	: Low / Middle / High
Ambient temperature	: 25.6 °C
Relative humidity	: 55 %
Atmospheric pressure	: 101 kPa

For the measurement records, refer to the appendix A

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5.1.5 99% Bandwidth

RESULT:

Pass

Test Specification

Test standard	: FCC Part 15.247(a)
Basic standard	: ANSI C63.10: 2013
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 2022-09-21 to 2022-10-12
Input voltage	: Fully charged battery
Operation mode	: A
Test channel	: Low / Middle / High
Ambient temperature	: 25.6 °C
Relative humidity	: 55 %
Atmospheric pressure	: 101 kPa

For the measurement records, refer to the appendix A

5.1.6 Conducted Spurious Emissions Measured in 100 kHz Bandwidth

RESULT:**Pass****Test Specification**

Test standard	: FCC Part 15.247(d)
Basic standard	: ANSI C63.10: 2013
Limits	: 20dB (below that in the 100kHz bandwidth within the band that contains the highest level of the desired power); In addition, radiated emissions which fall in the restricted bands, must also comply with the radiated emission limits specified in 15.209(a)
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 2022-09-21 to 2022-10-12
Input voltage	: Fully charged battery
Operation mode	: A
Test channel	: Low / Middle / High
Ambient temperature	: 25.6 °C
Relative humidity	: 55 %
Atmospheric pressure	: 101 kPa

Test results of 100kHz Bandwidth of Frequency Band Edge by Conducted method refer to test plots, and compliance is achieved as well.

For the measurement records, refer to the appendix A

5.1.7 Radiated Spurious Emission

RESULT:**Pass****Test Specification**

Test standard	: FCC Part 15.247(d) & FCC Part 15.205
Basic standard	: ANSI C63.10: 2013
Limits	: Refer to 15.209(a) of FCC part 15.247(d)
Kind of test site	: 3m Semi-anechoic Chamber

Test Setup

Date of testing	: 2022-10-12 to 2022-10-17
Input voltage	: Fully charged battery
Operation mode	: A
Test channel	: Low / Middle / High
Ambient temperature	: Refer to test result
Relative humidity	: Refer to test result
Atmospheric pressure	: 101 kPa

Remark:

Testing was carried out within frequency range 9kHz to the tenth harmonics. Only the worst case spurious emissions configuration of the each mode were reported.

For the measurement records, refer to the appendix A

6 Photographs of the Test Set-Up

For photographs of the test set-up, refer to the appendix D.

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Appendix A: Test Results of 2.4GHz SDR

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Appendix A.1: Test Results of Conducted Power Spectral Density

Both Ant ports tested, only the worst-case reported.

2.4GHz SDR, 1.4MHz BW

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
1.4M	Ant1	2407.5	1.51	≤8.00	PASS
		2435.5	1.57	≤8.00	PASS
		2465.5	1.61	≤8.00	PASS

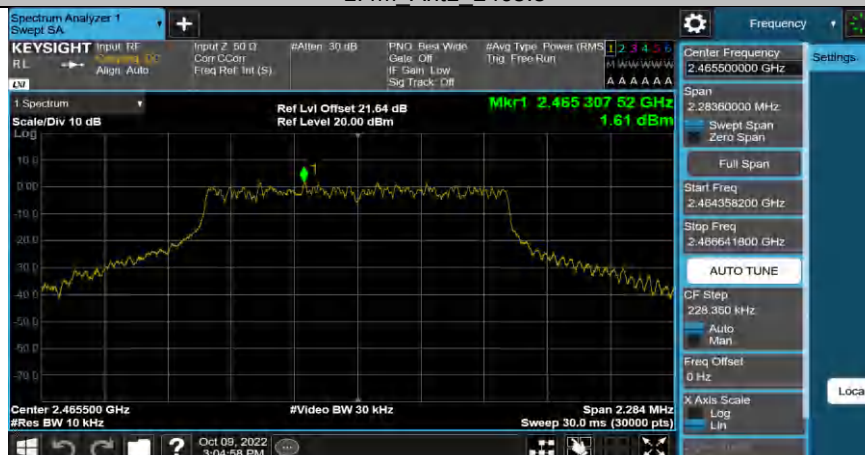
1.4M Ant1 2407.5



1.4M Ant1 2435.5



1.4M Ant1 2465.5



2.4GHz SDR, 1.4MHz BW CA mode

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
1.4M-CA	Ant1	2409.12	1.07	≤8.00	PASS
		2437.12	1.58	≤8.00	PASS
		2467.12	1.13	≤8.00	PASS

1.4MCA Ant1 2409.12**1.4MCA Ant1 2437.12****1.4MCA Ant1 2467.12**

2.4GHz SDR, 3MHz BW

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
3M	Ant1	2417.5	-3.28	≤8.00	PASS
		2435.5	-2.96	≤8.00	PASS
		2456.5	-2.98	≤8.00	PASS

3M Ant1 2417.5



3M Ant1 2435.5



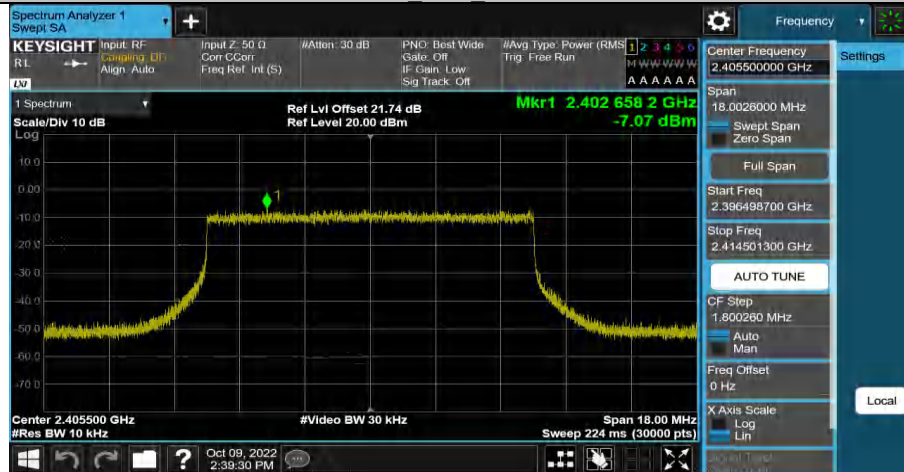
3M Ant1 2456.5



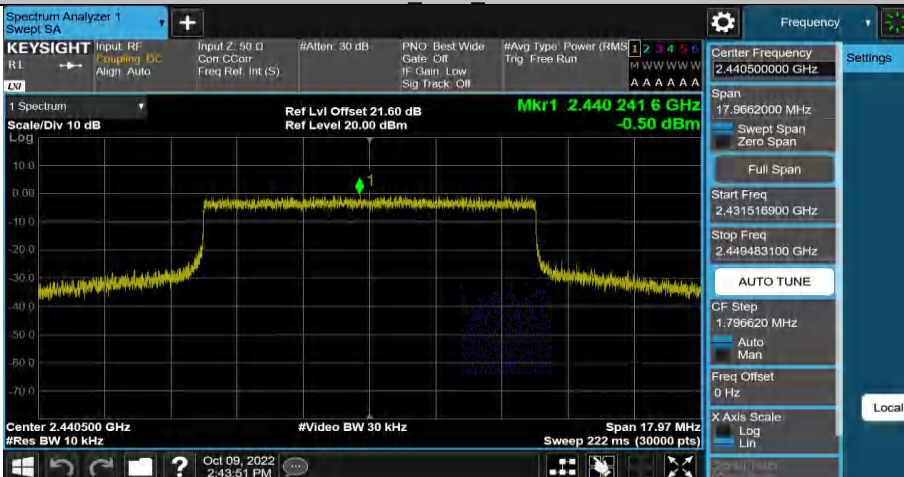
2.4GHz SDR, 10MHz BW

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
10M	Ant1	2405.5	-7.07	≤8.00	PASS
		2440.5	-0.5	≤8.00	PASS
		2476.5	-17.41	≤8.00	PASS

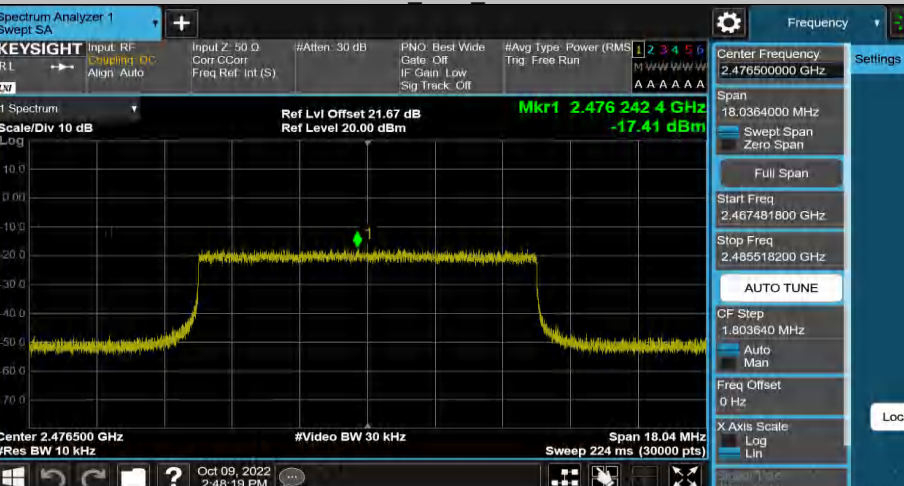
10M Ant1 2405.5



10M Ant1 2440.5



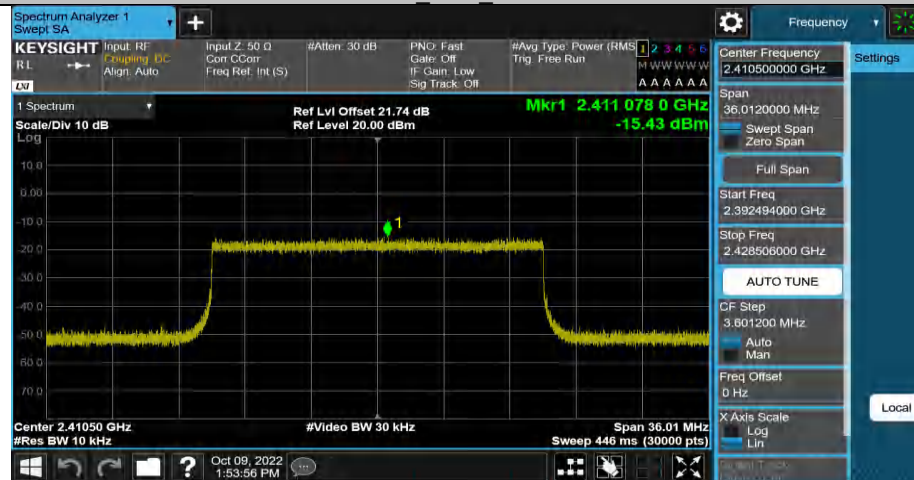
10M Ant1 2476.5



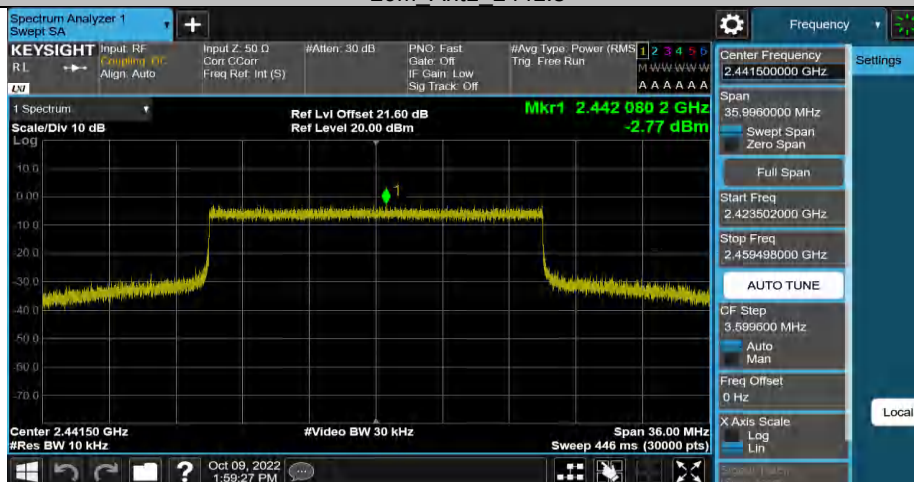
2.4GHz SDR, 20MHz BW

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
20M	Ant1	2410.5	-15.43	≤8.00	PASS
		2441.5	-2.78	≤8.00	PASS
		2472.5	-21.27	≤8.00	PASS

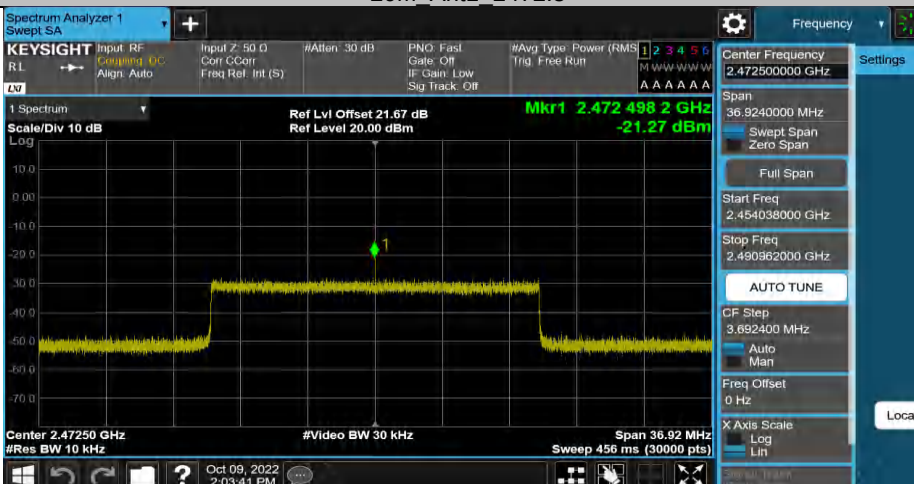
20M Ant1 2410.5



20M Ant1 2441.5



20M Ant1 2472.5



Appendix A.2: Test Results of 6dB Bandwidth

2.4GHz SDR, 1.4MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
1.4M	Ant1	2407.5	1.103	2406.946	2408.049	0.5	PASS
		2435.5	1.103	2434.946	2436.049	0.5	PASS
		2465.5	1.103	2464.946	2466.049	0.5	PASS

1.4M Ant1 2407.5



1.4M Ant1 2435.5



1.4M Ant1 2465.5



2.4GHz SDR, 1.4MHz BW CA mode

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
1.4M-CA	Ant1	2409.12	1.103	2408.568	2409.672	0.5	PASS
		2437.12	1.103	2436.568	2437.672	0.5	PASS
		2467.12	1.098	2466.574	2467.672	0.5	PASS

1.4MCA Ant1 2409.12**1.4MCA Ant1 2437.12****1.4MCA Ant1 2467.12**

2.4GHz SDR, 3MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
3M	Ant1	2417.5	2.184	2416.414	2418.598	0.5	PASS
		2435.5	2.178	2434.420	2436.598	0.5	PASS
		2456.5	2.172	2455.420	2457.592	0.5	PASS

3M Ant1 2417.5**3M Ant1 2435.5****3M Ant1 2456.5**

2.4GHz SDR, 10MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
10M	Ant1	2405.5	8.920	2401.020	2409.940	0.5	PASS
		2440.5	8.880	2436.100	2444.980	0.5	PASS
		2476.5	8.840	2472.060	2480.900	0.5	PASS

10M Ant1 2405.5**10M Ant1 2440.5****10M Ant1 2476.5**

2.4GHz SDR, 20MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
20M	Ant1	2410.5	17.960	2401.540	2419.500	0.5	PASS
		2441.5	17.920	2432.540	2450.460	0.5	PASS
		2472.5	17.920	2463.540	2481.460	0.5	PASS

20M Ant1 2410.5**20M Ant1 2441.5****20M Ant1 2472.5**

Appendix A.3: Test Results of 99% Bandwidth

2.4GHz SDR, 1.4MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
1.4M	Ant1	2407.5	1.1392	2406.9183	2408.0575	---	PASS
		2435.5	1.1428	2434.9178	2436.0606	---	PASS
		2465.5	1.1418	2464.9177	2466.0595	---	PASS

1.4M Ant1 2407.5



1.4M Ant1 2435.5

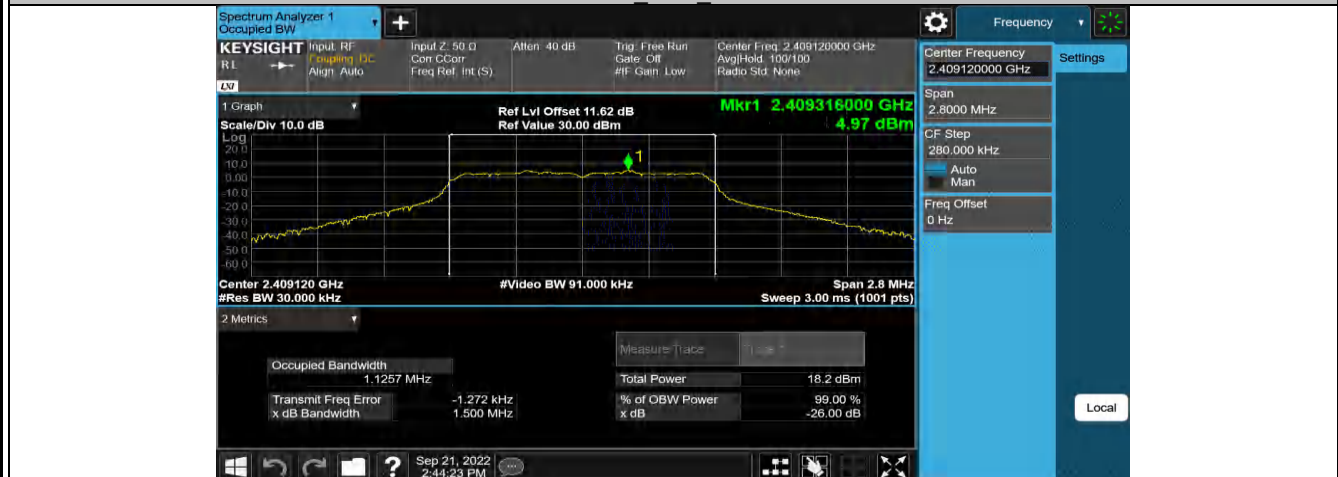
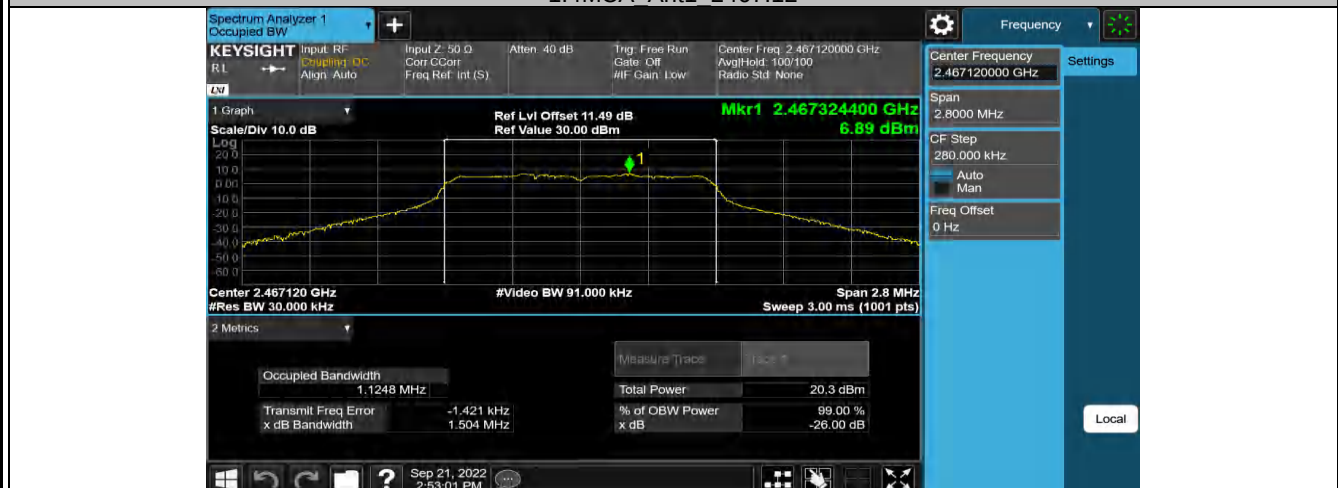


1.4M Ant1 2465.5



2.4GHz SDR, 1.4MHz BW CA mode

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
1.4M-CA	Ant1	2409.12	1.1257	2408.5559	2409.6816	---	PASS
		2437.12	1.1277	2436.5542	2437.6819	---	PASS
		2467.12	1.1248	2466.5562	2467.6810	---	PASS

1.4MCA Ant1 2409.12**1.4MCA Ant1 2437.12****1.4MCA Ant1 2467.12**

2.4GHz SDR, 3MHz BW

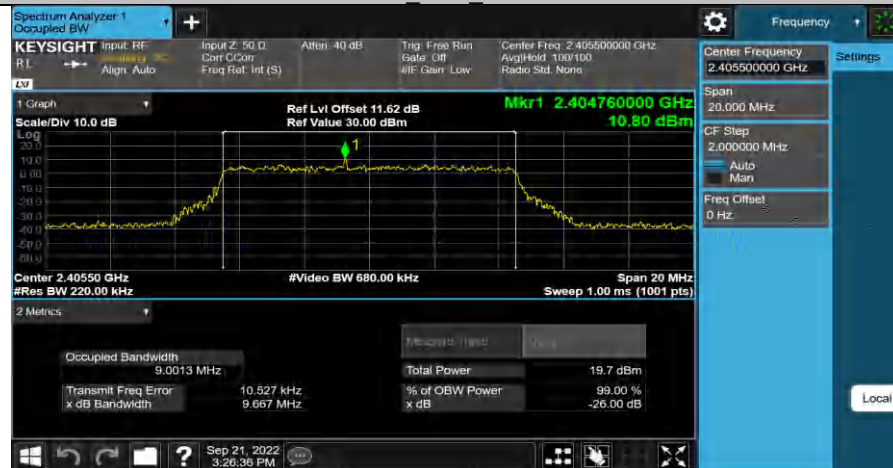
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
3M	Ant1	2417.5	2.2104	2416.3898	2418.6002	---	PASS
		2435.5	2.1957	2434.4026	2436.5983	---	PASS
		2456.5	2.2108	2455.3882	2457.5990	---	PASS

3M Ant1 2417.5**3M Ant1 2435.5****3M Ant1 2456.5**

2.4GHz SDR, 10MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
10M	Ant1	2405.5	9.0013	2401.0099	2410.0112	---	PASS
		2440.5	8.9831	2436.0188	2445.0019	---	PASS
		2476.5	9.0182	2471.9951	2481.0133	---	PASS

10M Ant1 2405.5



10M Ant1 2440.5



10M Ant1 2476.5



2.4GHz SDR, 20MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
20M	Ant1	2410.5	18.006	2401.4843	2419.4903	---	PASS
		2441.5	17.998	2432.5079	2450.5059	---	PASS
		2472.5	18.462	2463.2924	2481.7544	---	PASS

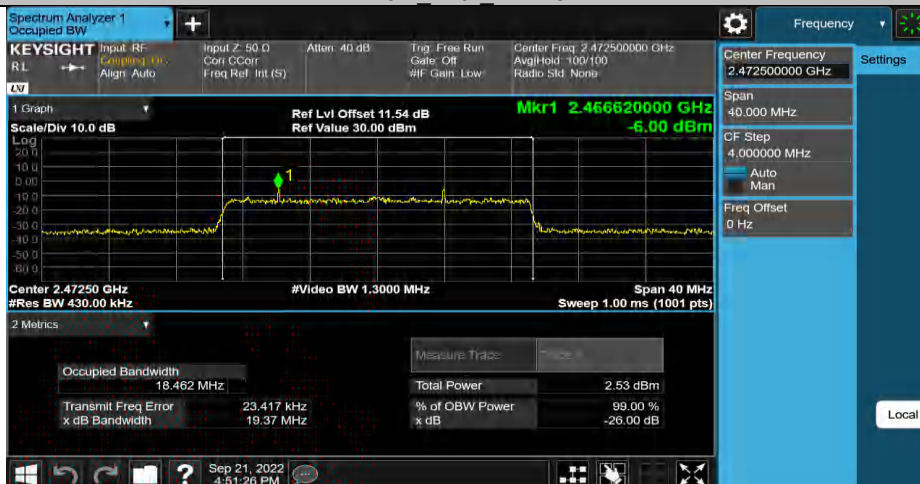
20M Ant1 2410.5



20M Ant1 2441.5



20M Ant1 2472.5



Appendix A.4: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

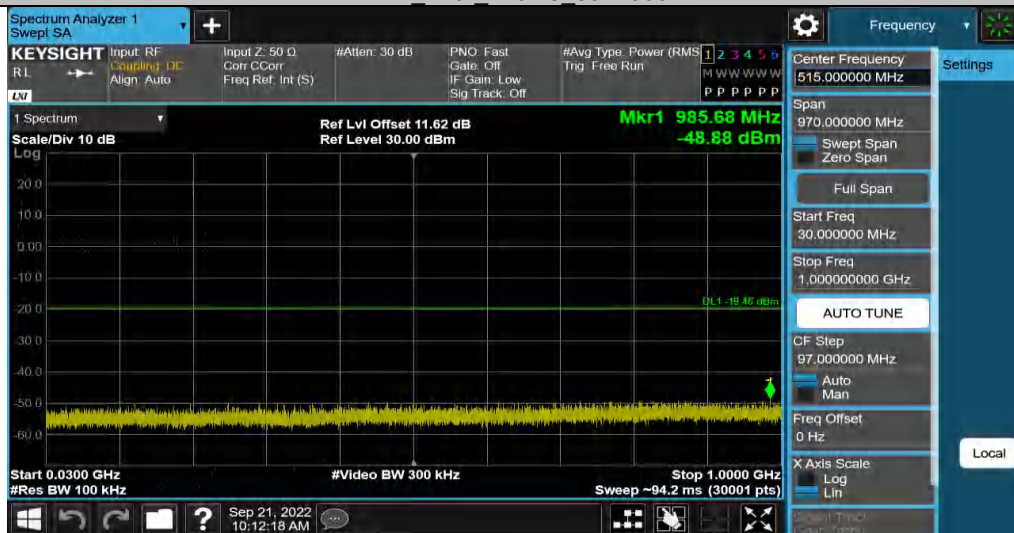
2.4GHz SDR, 1.4MHz BW

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
1.4M	Ant1	2407.5	Reference	10.54	10.54	---	PASS
			30~1000	10.54	-48.88	≤-19.46	PASS
			1000~26500	10.54	-39.19	≤-19.46	PASS
		2435.5	Reference	10.40	10.40	---	PASS
			30~1000	10.40	-48.59	≤-19.6	PASS
			1000~26500	10.40	-39.19	≤-19.6	PASS
		2465.5	Reference	10.56	10.56	---	PASS
			30~1000	10.56	-48.32	≤-19.44	PASS
			1000~26500	10.56	-39.56	≤-19.44	PASS

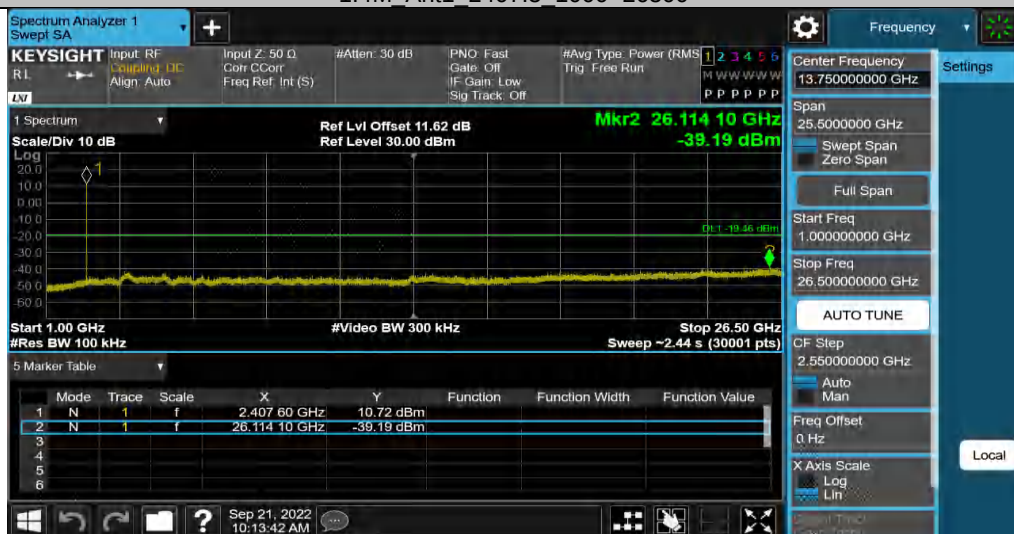
1.4M Ant1 2407.5 0-Reference



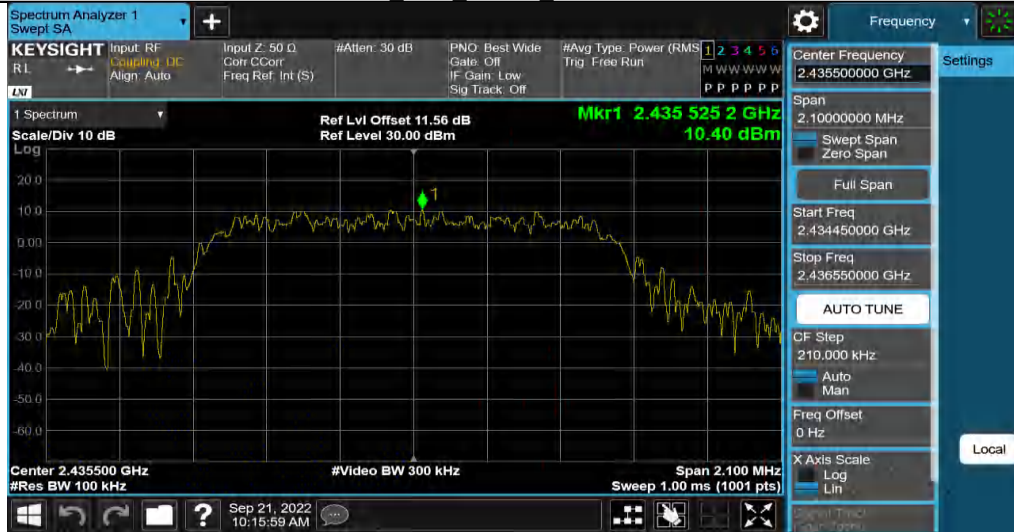
1.4M Ant1 2407.5 30-1000



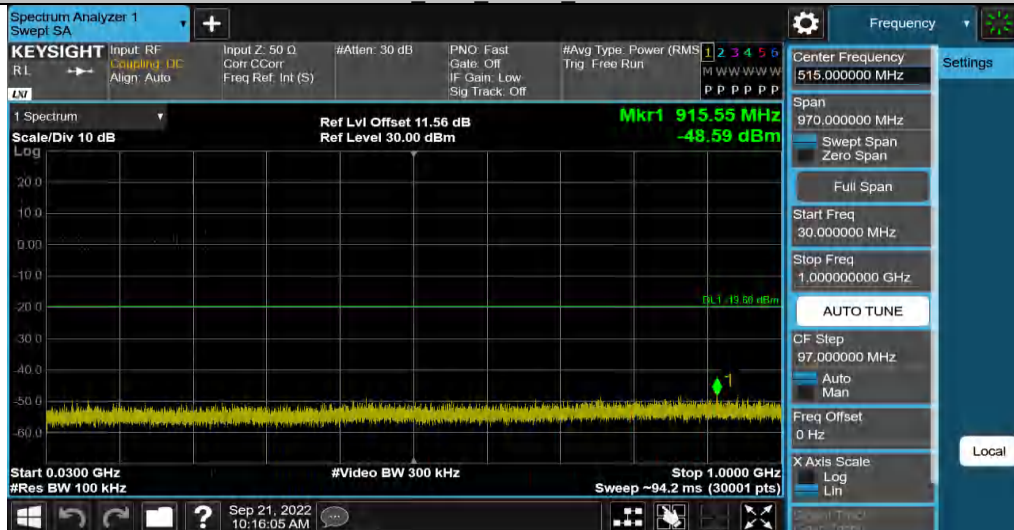
1.4M Ant1 2407.5 1000-26500



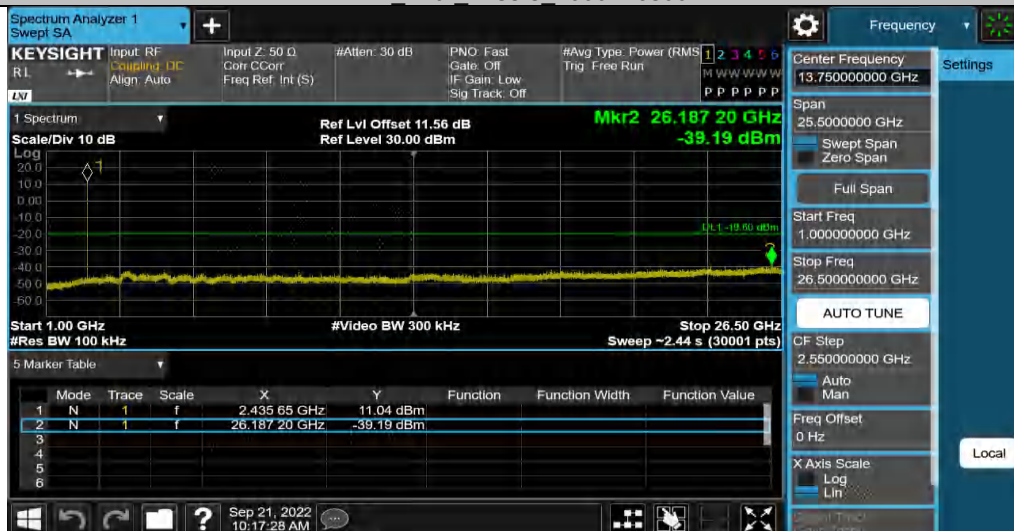
1.4M Ant1 2435.5 0-Reference



1.4M Ant1 2435.5 30-1000



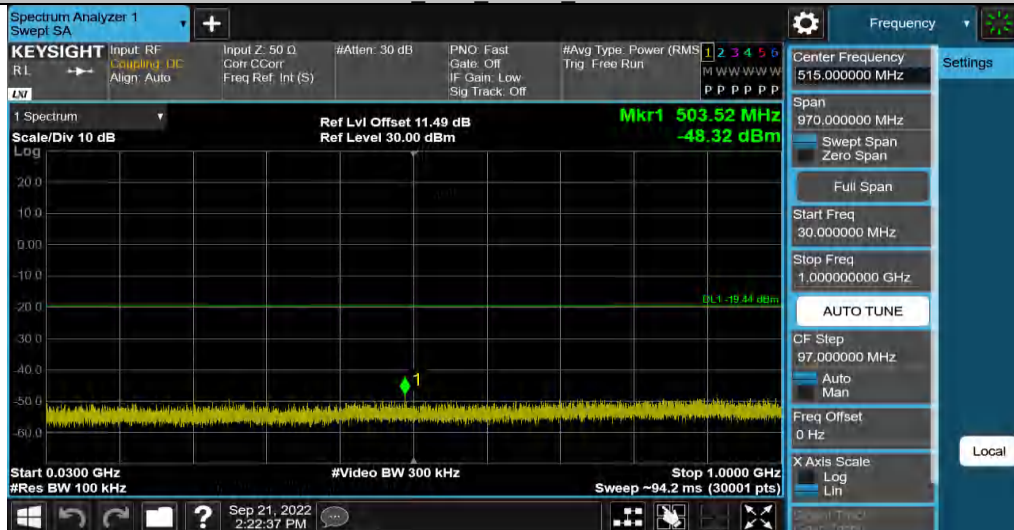
1.4M Ant1 2435.5 1000-26500



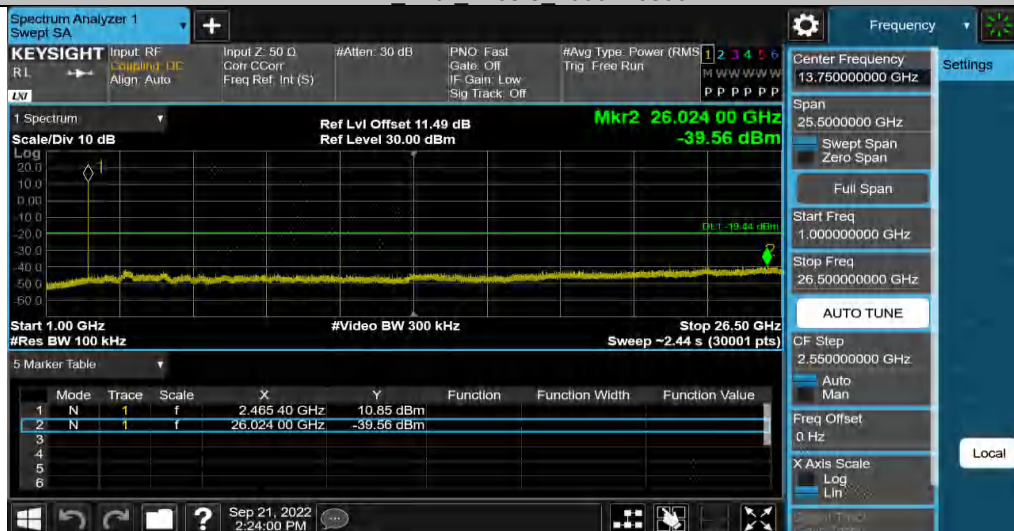
1.4M Ant1 2465.5 0-Reference



1.4M Ant1 2465.5 30-1000



1.4M Ant1 2465.5 1000-26500



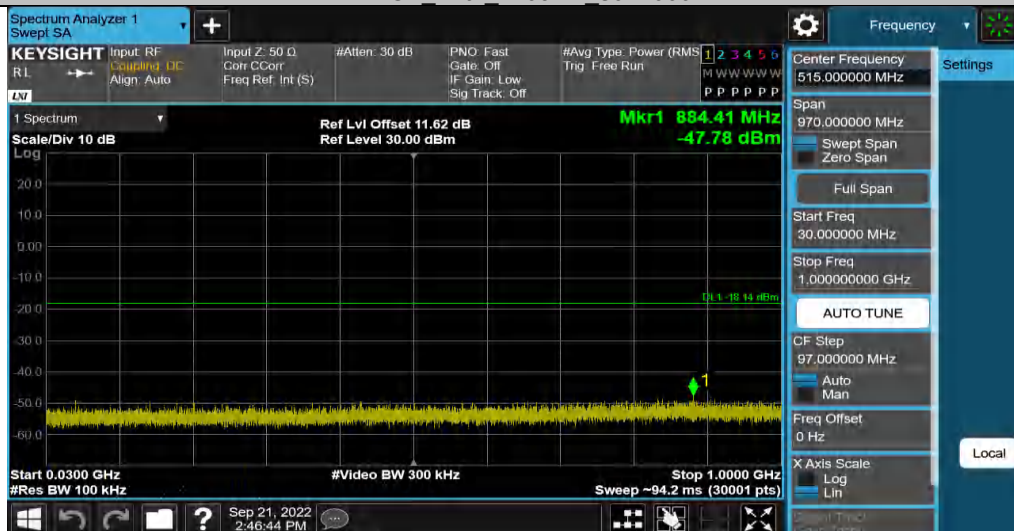
2.4GHz SDR, 1.4MHz BW CA mode

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
1.4M-CA	Ant1	2409.12	Reference	11.86	11.86	---	PASS
			30~1000	11.86	-47.78	≤-18.14	PASS
			1000~26500	11.86	-38.8	≤-18.14	PASS
		2437.12	Reference	11.82	11.82	---	PASS
			30~1000	11.82	-48.07	≤-18.18	PASS
			1000~26500	11.82	-39.69	≤-18.18	PASS
		2467.12	Reference	12.27	12.27	---	PASS
			30~1000	12.27	-48.52	≤-17.73	PASS
			1000~26500	12.27	-39.68	≤-17.73	PASS

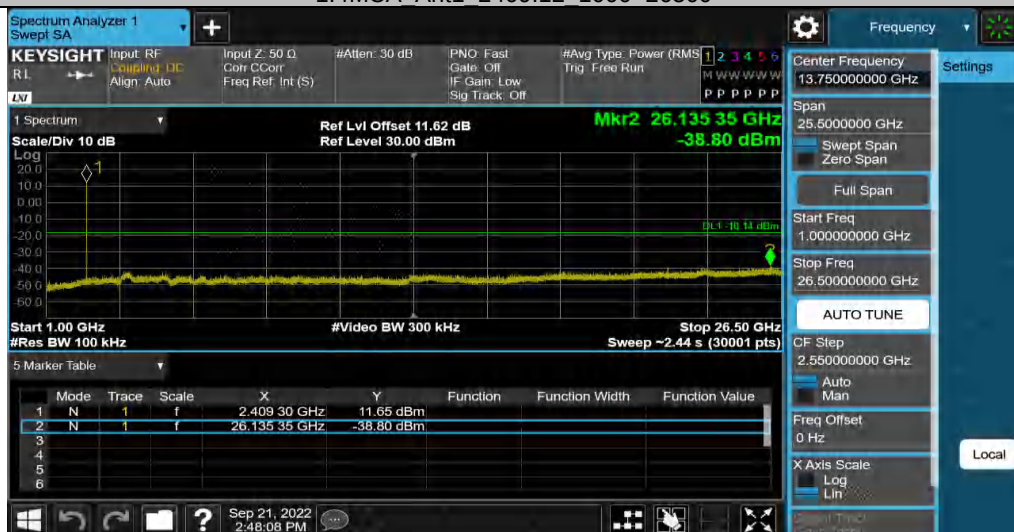
1.4MCA Ant1 2409.12 0-Reference



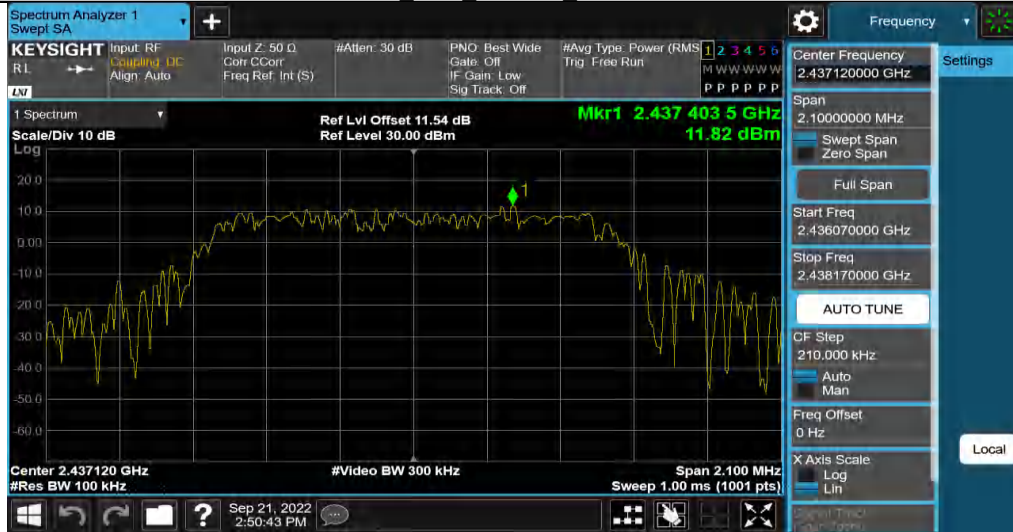
1.4MCA Ant1 2409.12 30-1000



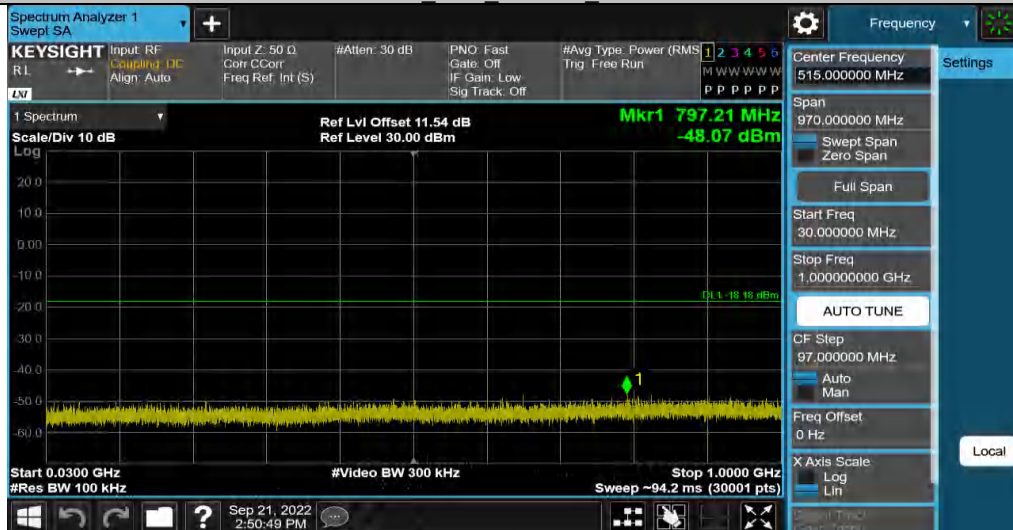
1.4MCA Ant1 2409.12 1000-26500



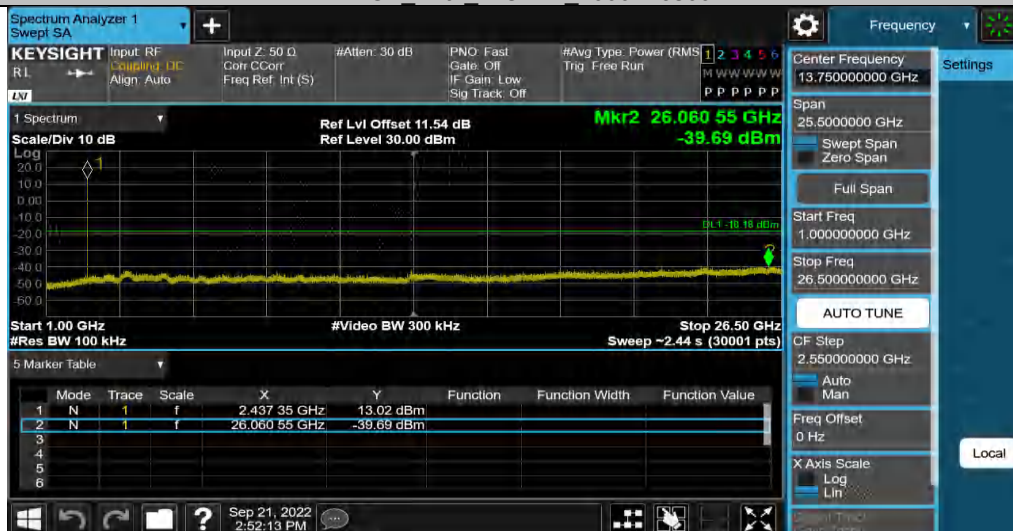
1.4MCA Ant1 2437.12 0-Reference



1.4MCA Ant1 2437.12 30-1000



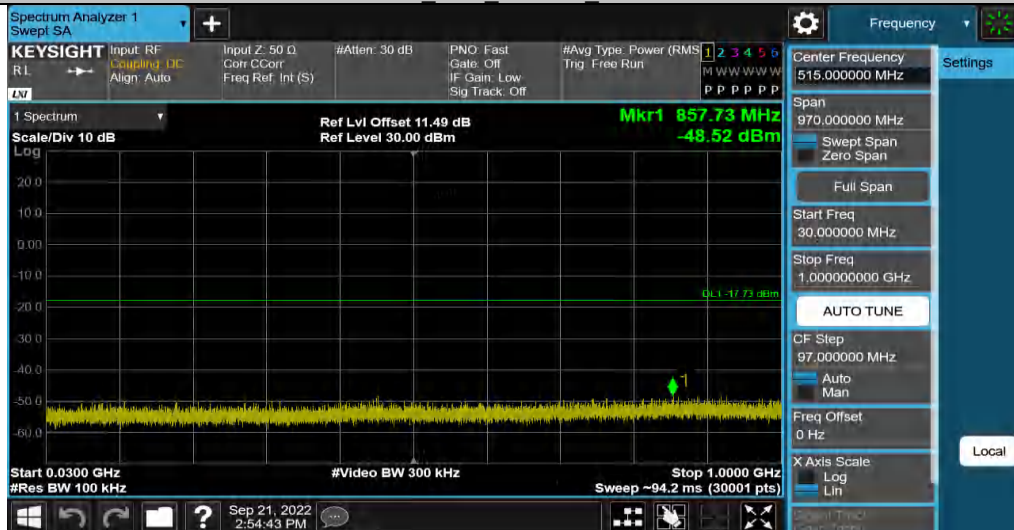
1.4MCA Ant1 2437.12 1000-26500



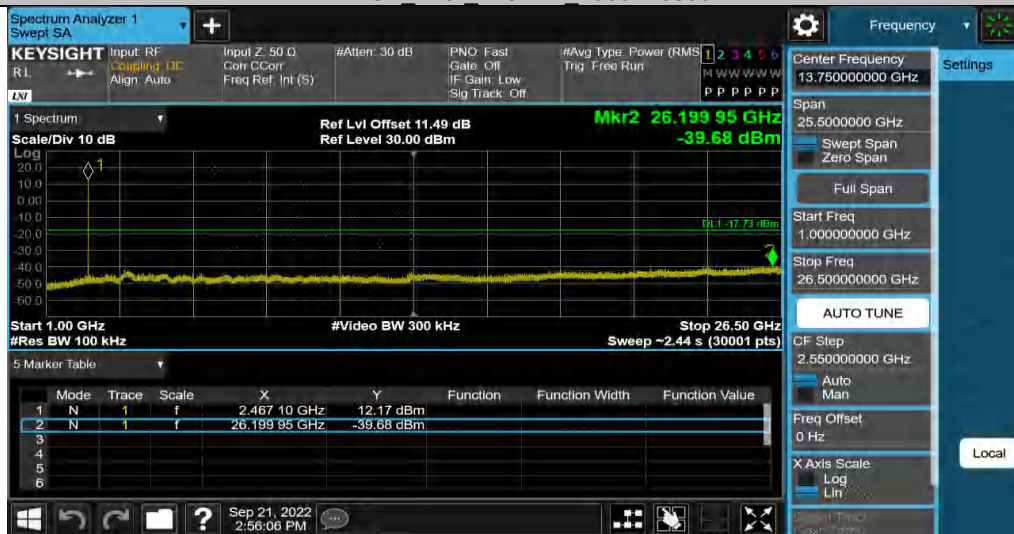
1.4MCA Ant1 2467.12 0-Reference



1.4MCA Ant1 2467.12 30-1000

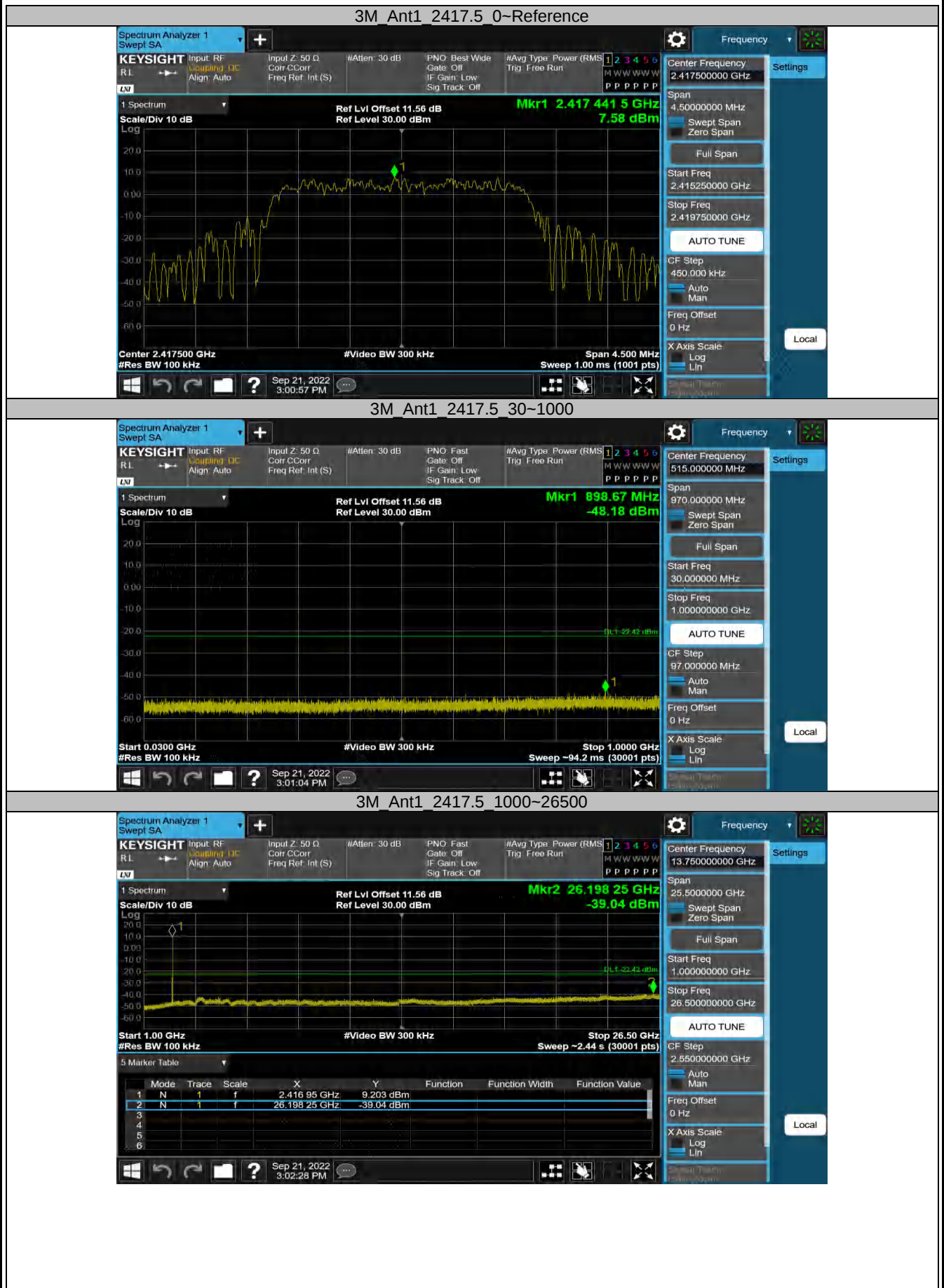


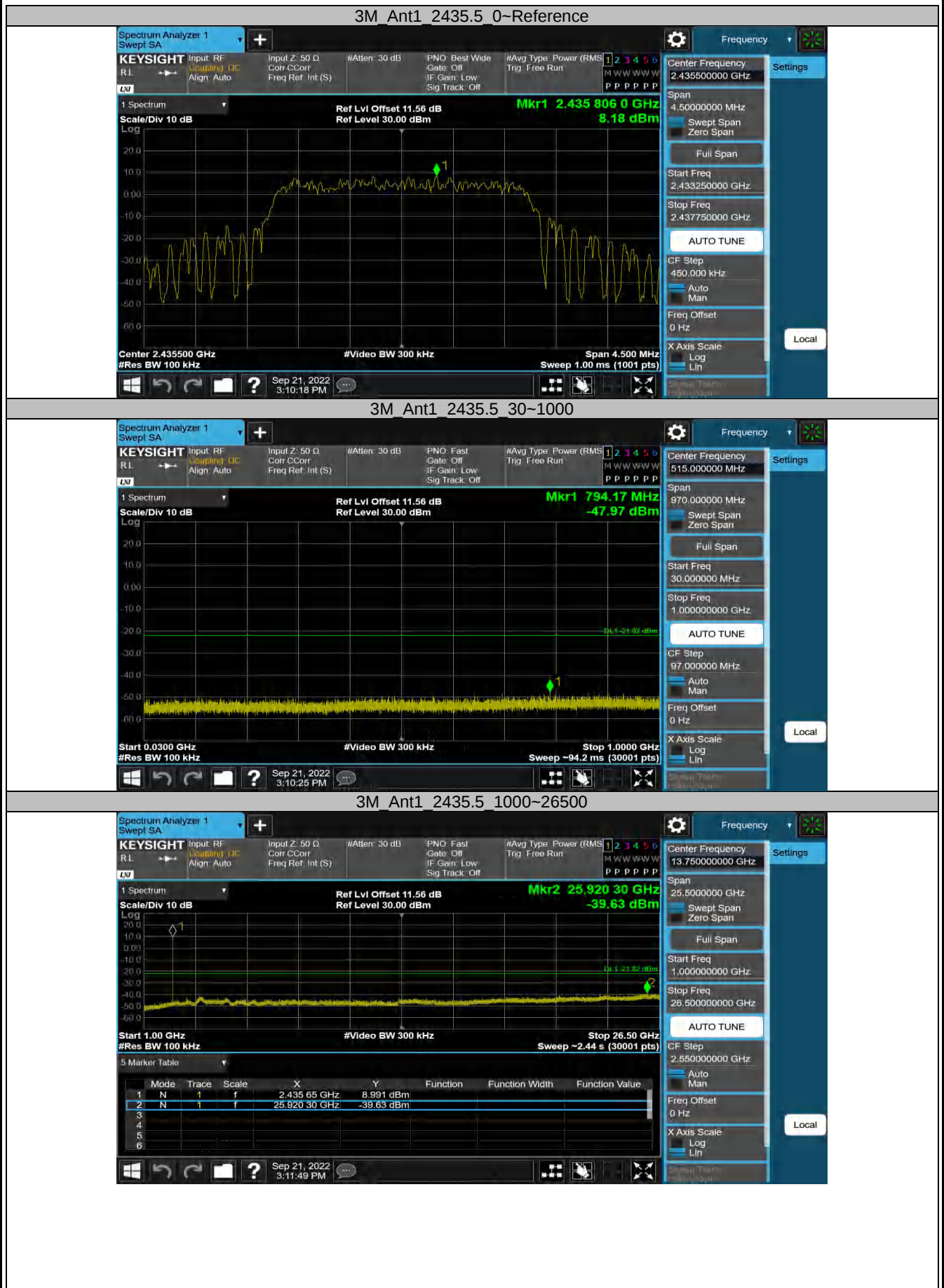
1.4MCA Ant1 2467.12 1000-26500

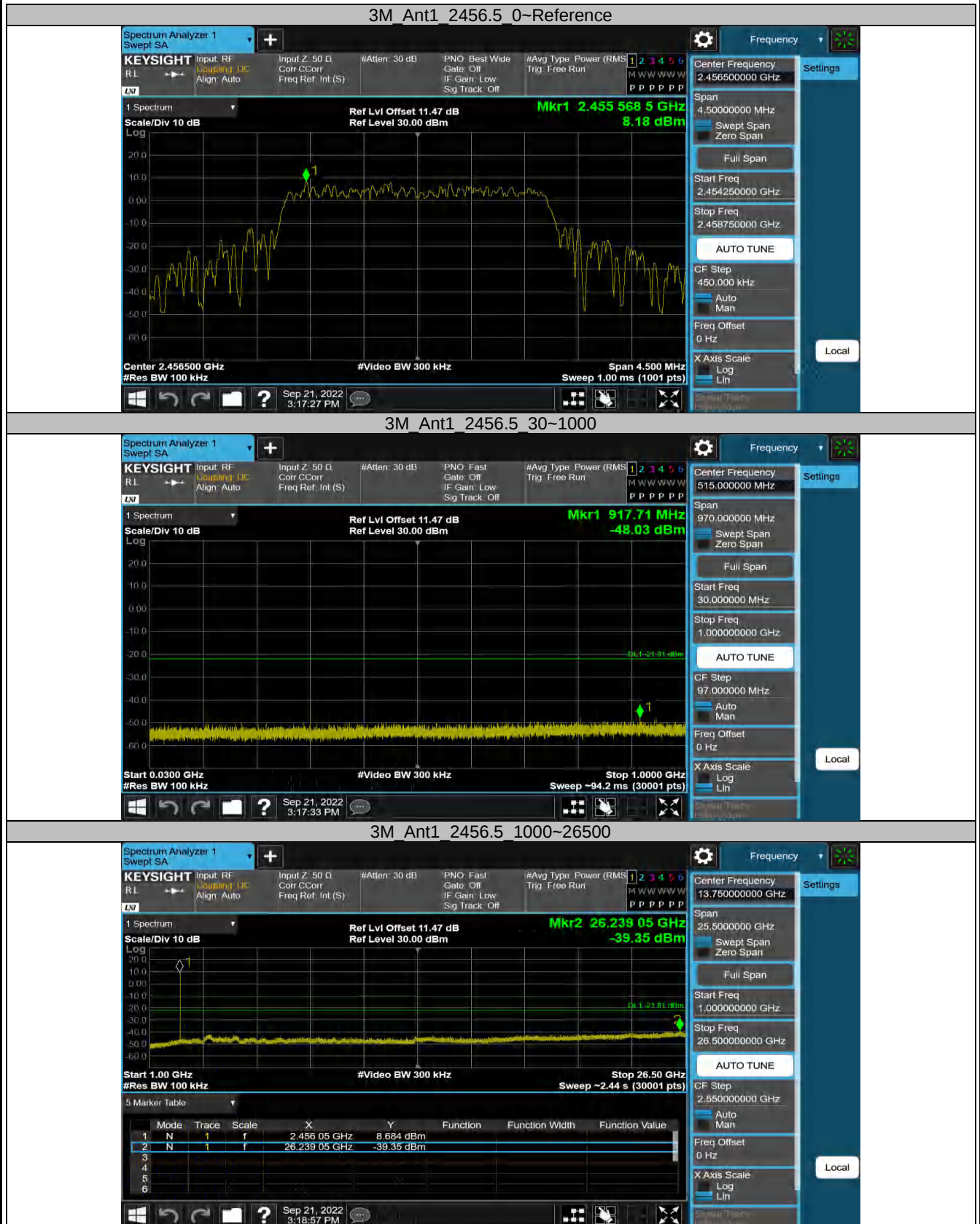


2.4GHz SDR, 3MHz BW

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
3M	Ant1	2417.5	Reference	7.58	7.58	---	PASS
			30~1000	7.58	-48.18	≤-22.42	PASS
			1000~26500	7.58	-39.04	≤-22.42	PASS
		2435.5	Reference	8.18	8.18	---	PASS
			30~1000	8.18	-47.97	≤-21.82	PASS
			1000~26500	8.18	-39.63	≤-21.82	PASS
		2456.5	Reference	8.18	8.18	---	PASS
			30~1000	8.18	-48.03	≤-21.82	PASS
			1000~26500	8.18	-39.35	≤-21.82	PASS



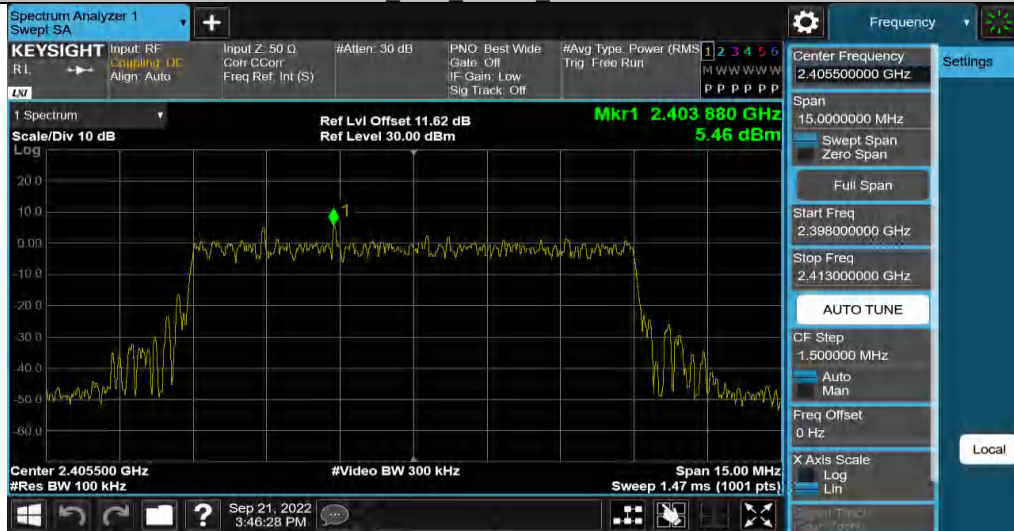




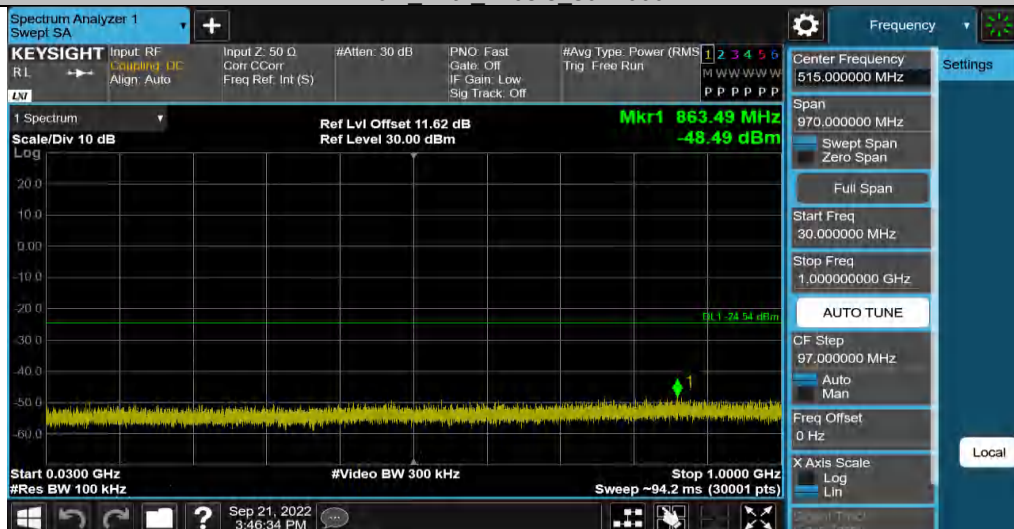
2.4GHz SDR, 10MHz BW

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
10M	Ant1	2405.5	Reference	5.46	5.46	---	PASS
			30~1000	5.46	-48.49	≤-24.54	PASS
			1000~26500	5.46	-39.64	≤-24.54	PASS
		2440.5	Reference	10.02	10.02	---	PASS
			30~1000	10.02	-48.18	≤-19.98	PASS
			1000~26500	10.02	-39.52	≤-19.98	PASS
		2476.5	Reference	-6.48	-6.48	---	PASS
			30~1000	-6.48	-48.17	≤-36.48	PASS
			1000~26500	-6.48	-39.74	≤-36.48	PASS

10M Ant1 2405.5 0~Reference



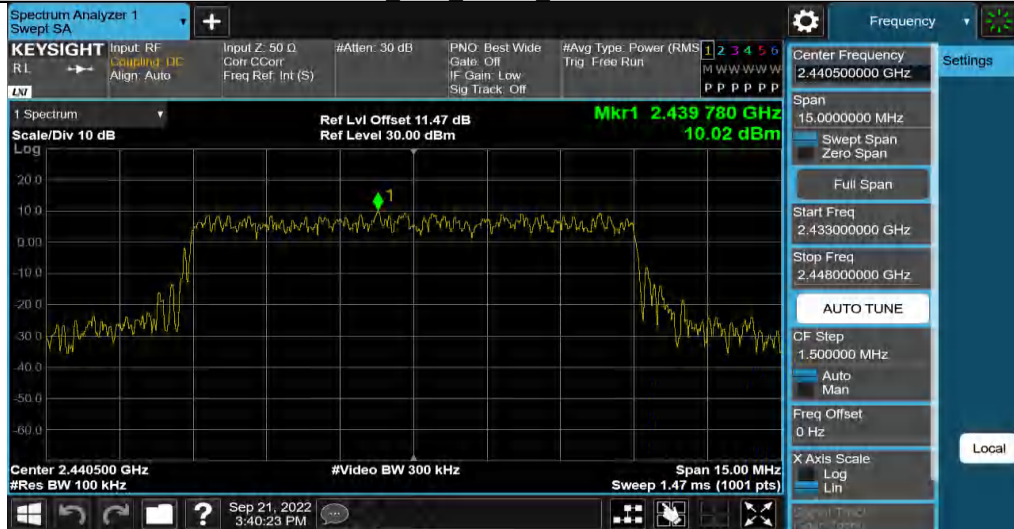
10M Ant1 2405.5 30~1000



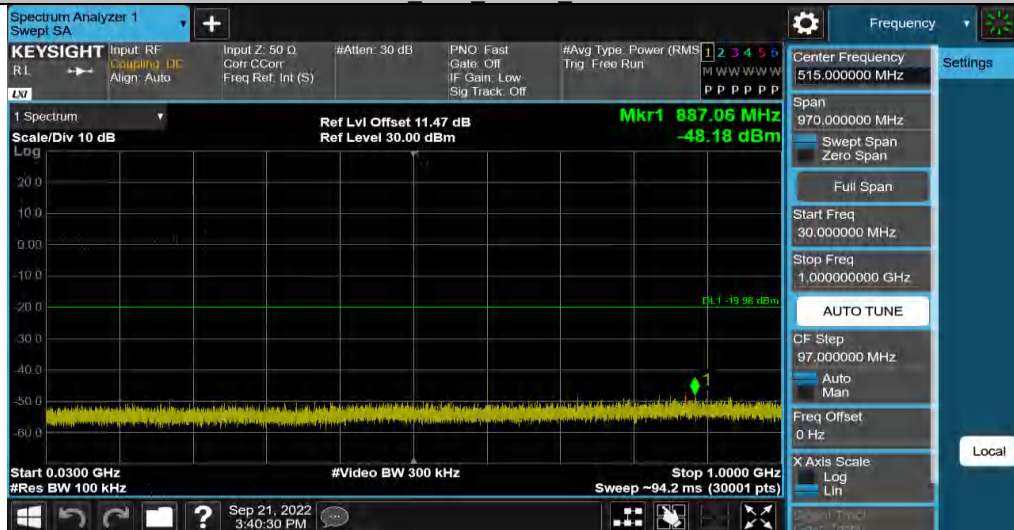
10M Ant1 2405.5 1000~26500



10M Ant1 2440.5 0~Reference



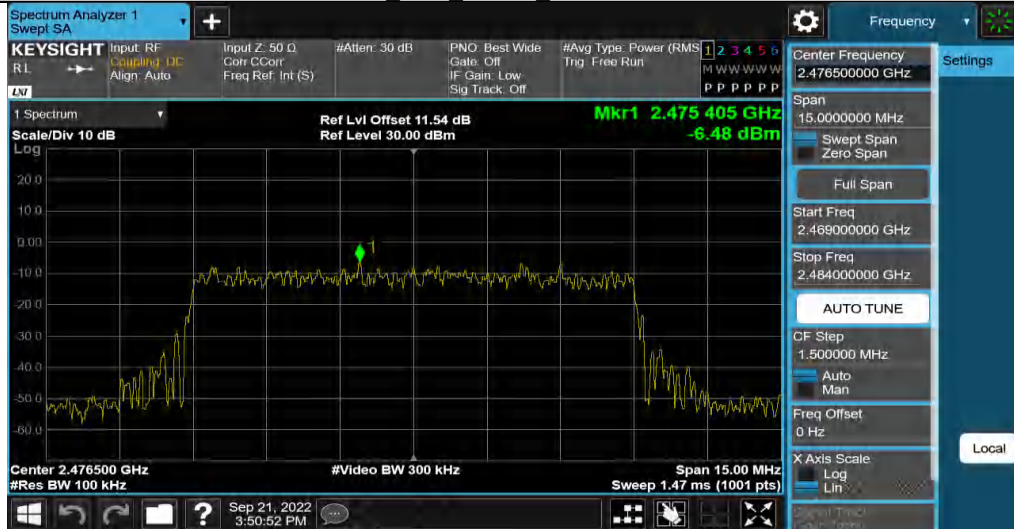
10M Ant1 2440.5 30~1000



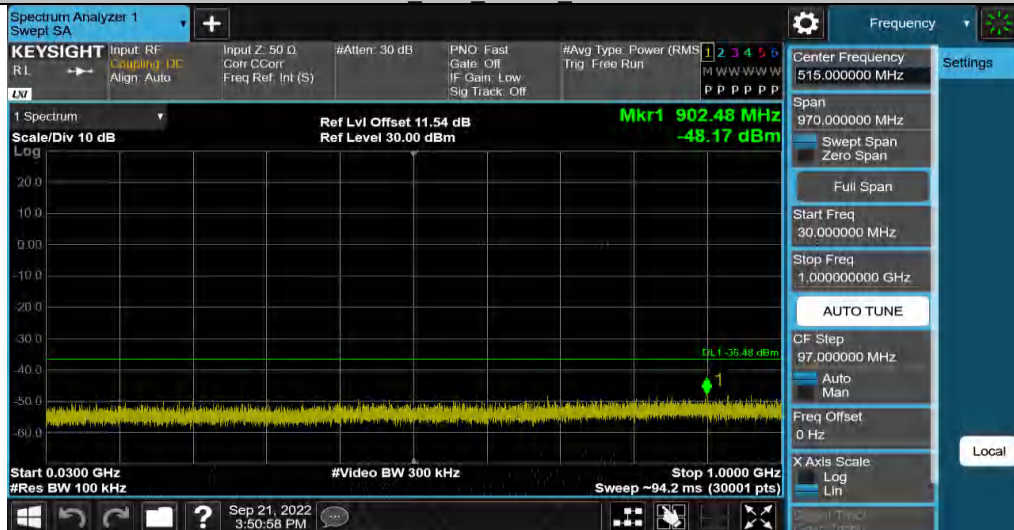
10M Ant1 2440.5 1000~26500



10M Ant1 2476.5 0~Reference



10M Ant1 2476.5 30~1000



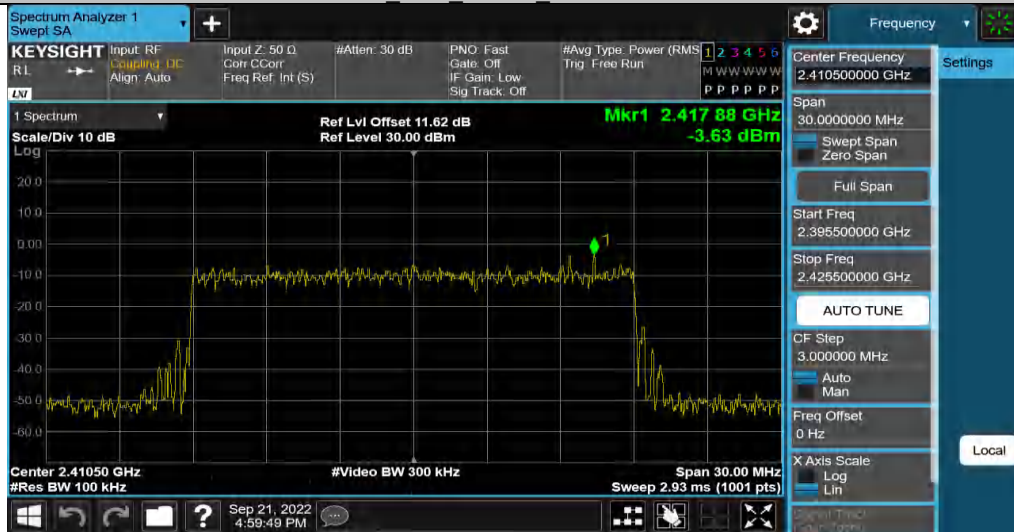
10M Ant1 2476.5 1000~26500



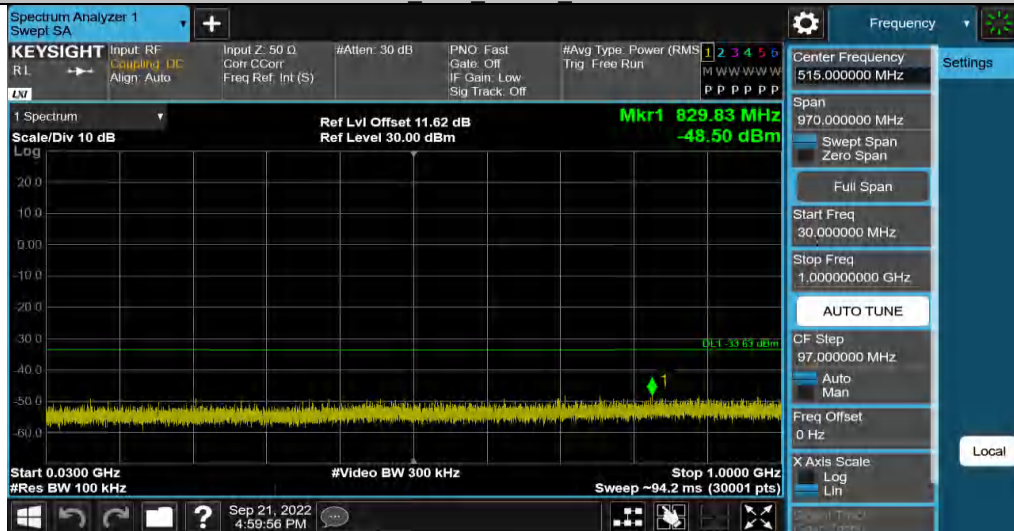
2.4GHz SDR, 20MHz BW

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
20M	Ant1	2410.5	Reference	-3.63	-3.63	---	PASS
			30~1000	-3.63	-48.5	≤-33.63	PASS
			1000~26500	-3.63	-39.22	≤-33.63	PASS
		2441.5	Reference	7.54	7.54	---	PASS
			30~1000	7.54	-48.32	≤-22.46	PASS
			1000~26500	7.54	-39.53	≤-22.46	PASS
		2472.5	Reference	-15.07	-15.07	---	PASS
			30~1000	-15.07	-58.27	≤-45.07	PASS
			1000~26500	-15.07	-48.7	≤-45.07	PASS

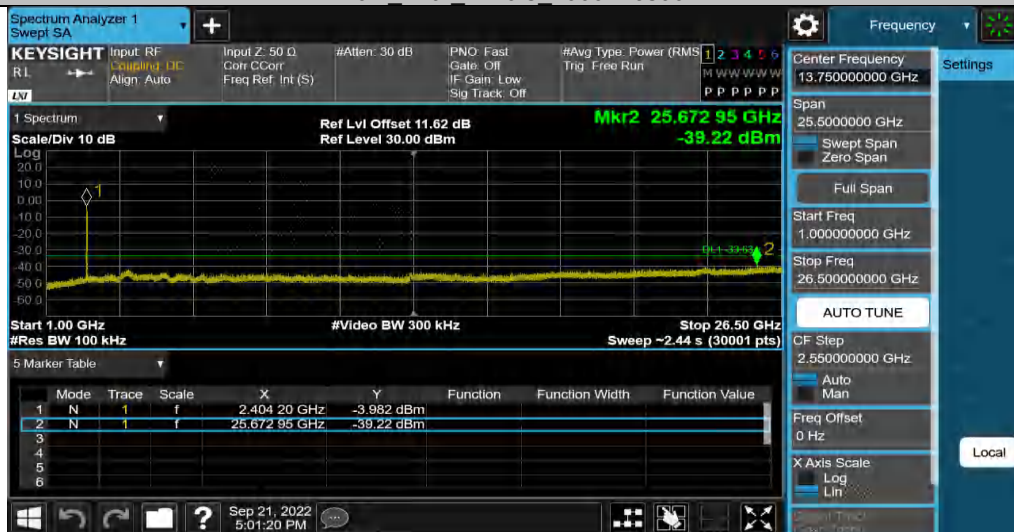
20M Ant1 2410.5 0~Reference



20M Ant1 2410.5 30~1000



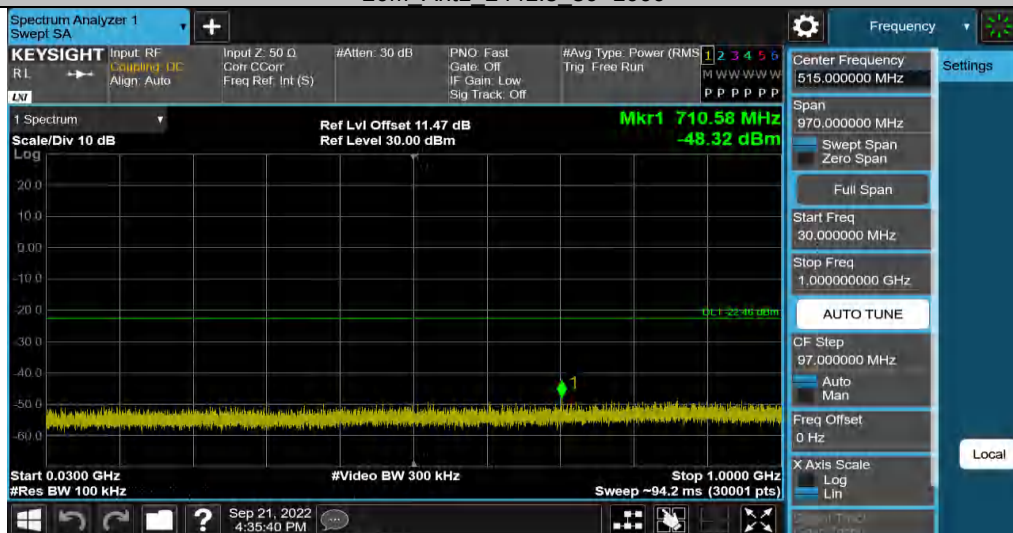
20M Ant1 2410.5 1000~26500



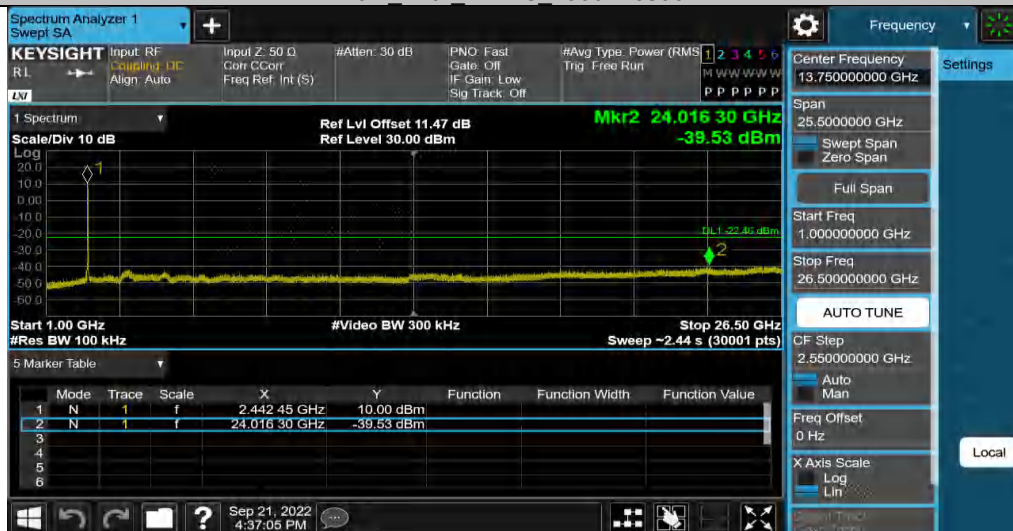
20M Ant1 2441.5 0~Reference



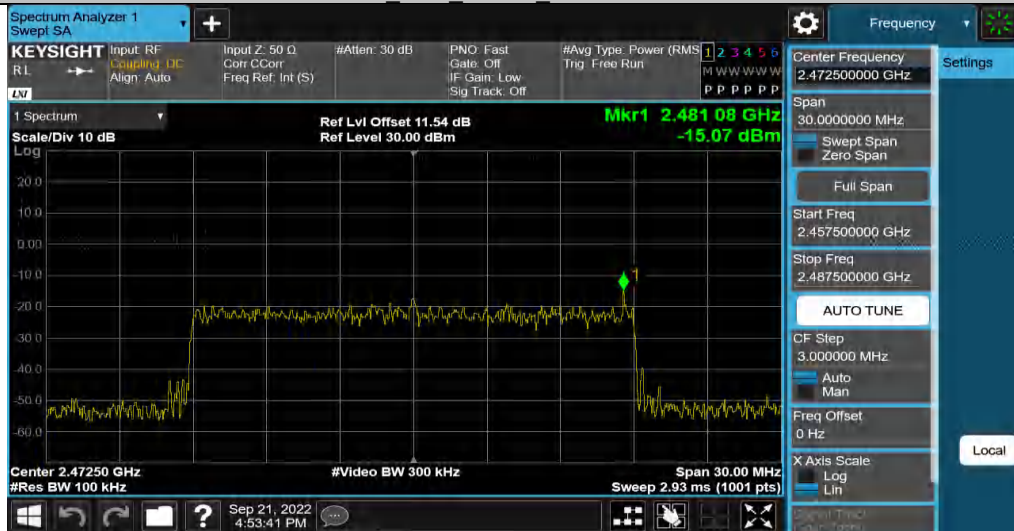
20M Ant1 2441.5 30~1000



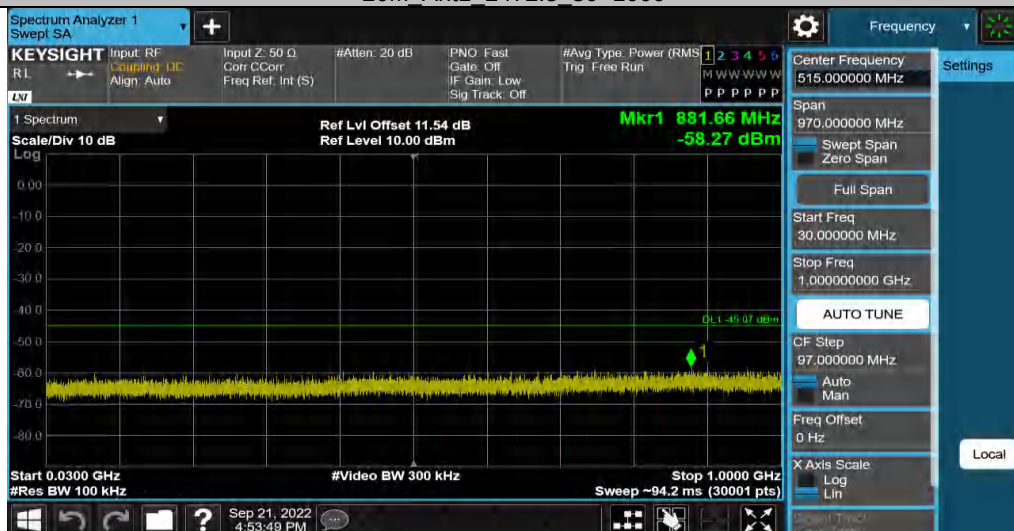
20M Ant1 2441.5 1000~26500



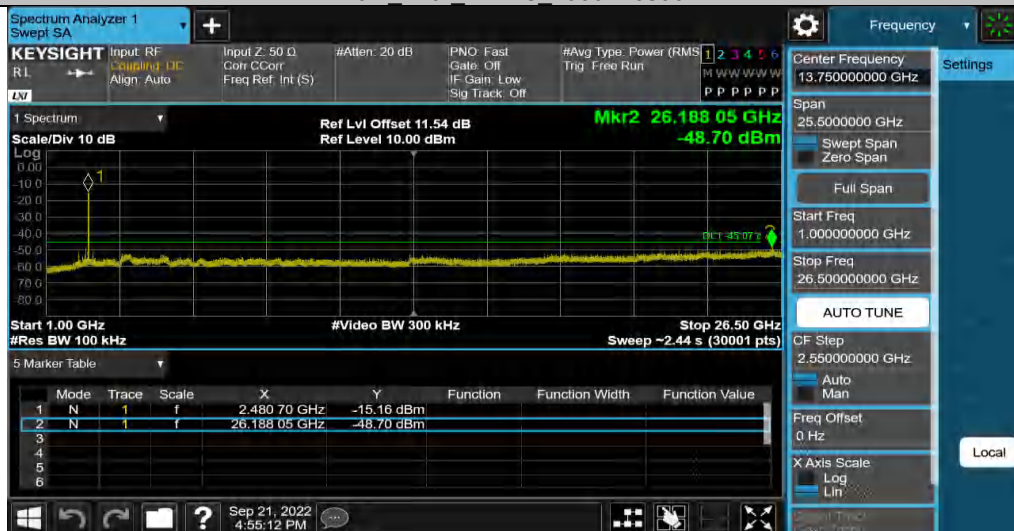
20M Ant1 2472.5 0~Reference



20M Ant1 2472.5 30~1000

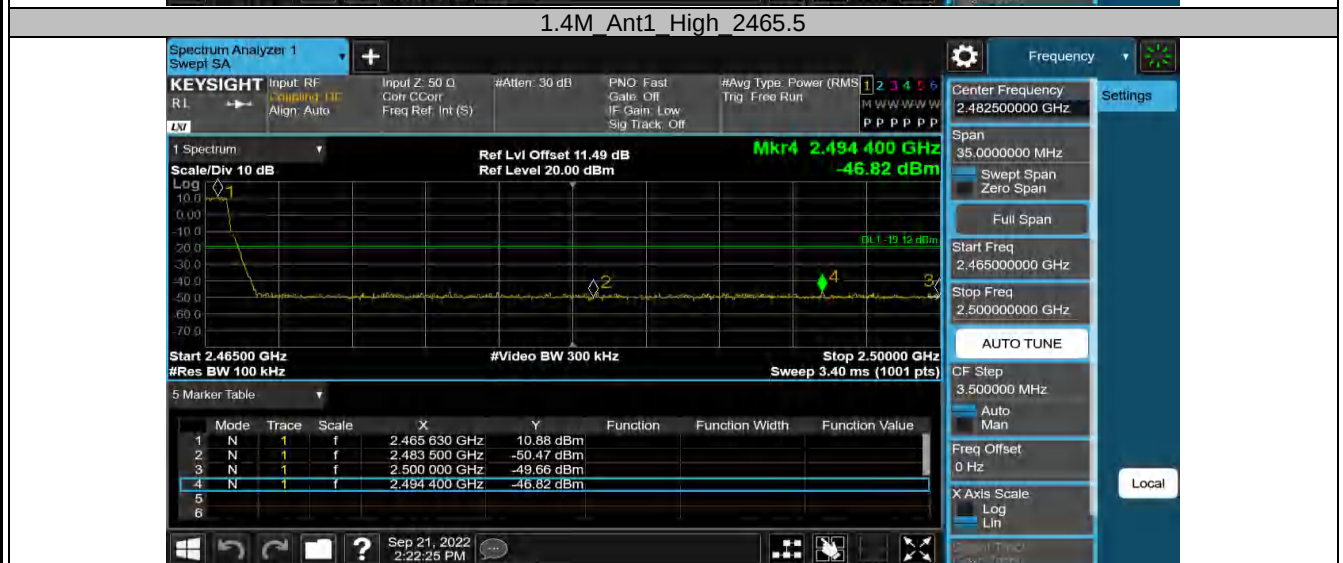
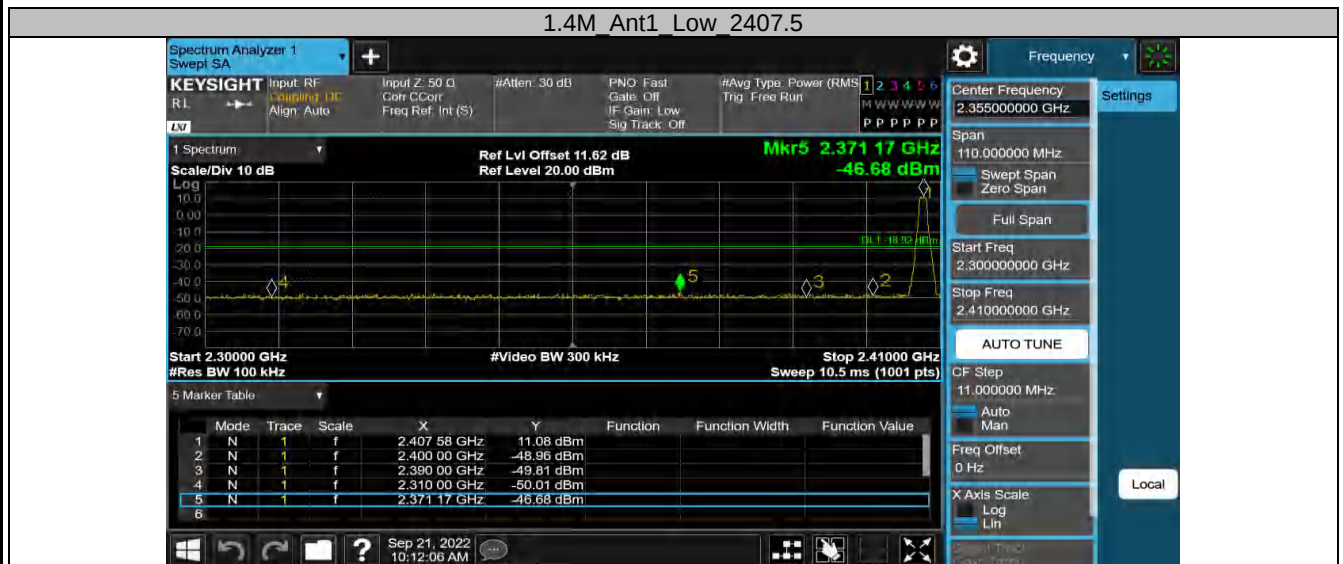


20M Ant1 2472.5 1000~26500



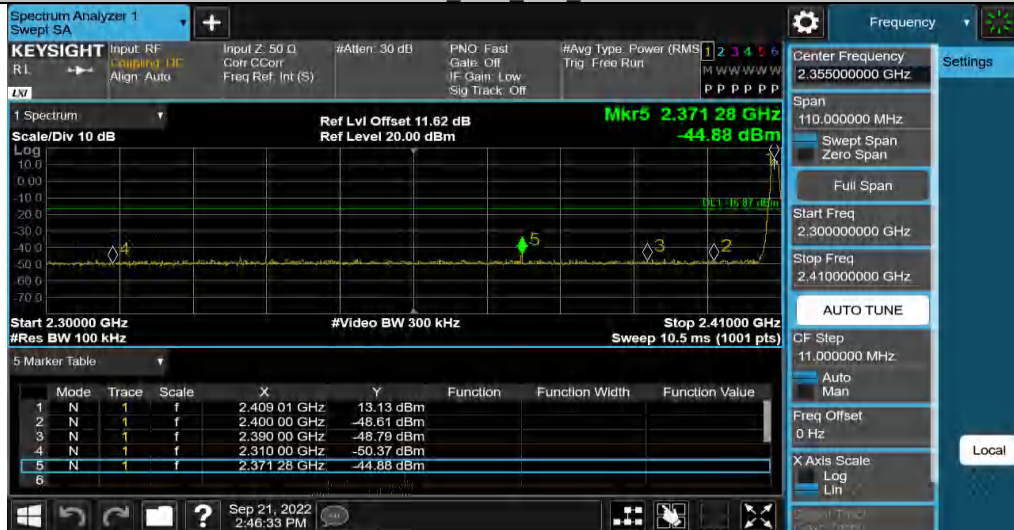
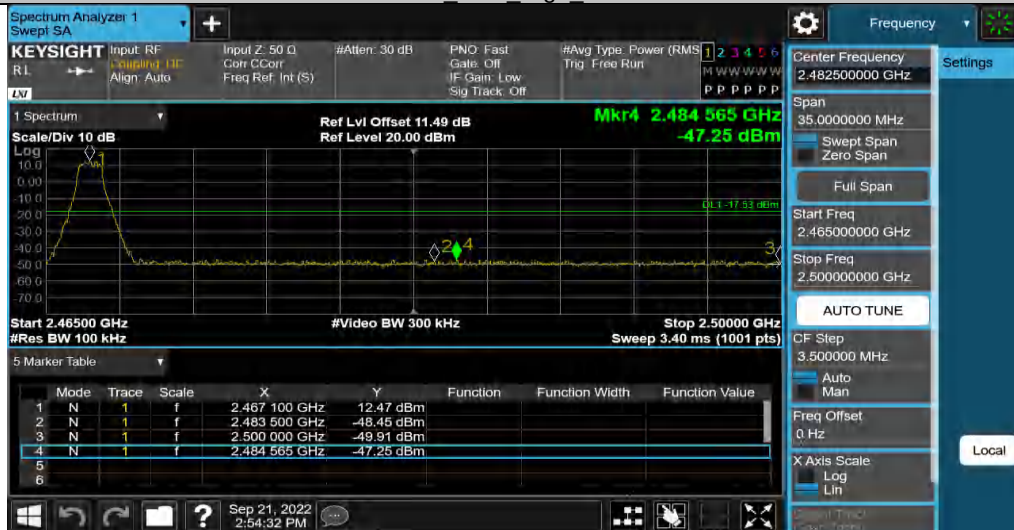
2.4GHz SDR, 1.4MHz BW Bandedge

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
1.4M	Ant1	Low	2407.5	11.08	-46.68	≤-18.92	PASS
		High	2465.5	10.88	-46.82	≤-19.12	PASS



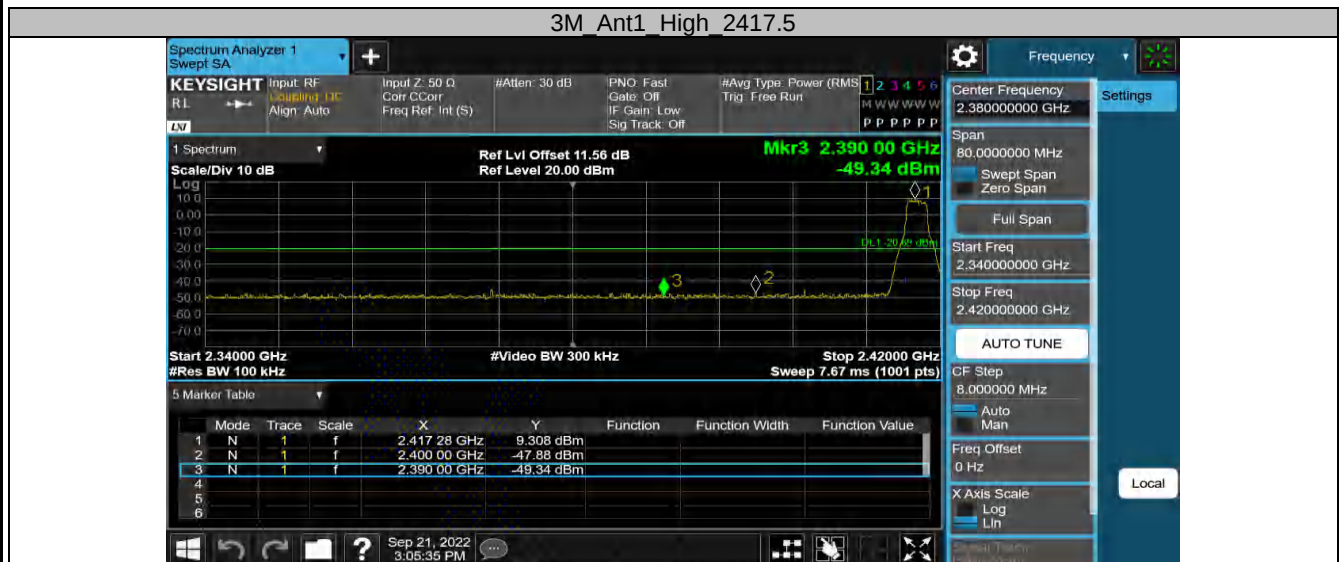
2.4GHz SDR, 1.4MHz BW CA mode Bandedge

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
1.4M-CA	Ant1	Low	2409.12	13.13	-44.88	≤-16.87	PASS
		High	2467.12	12.47	-47.25	≤-17.53	PASS

1.4MCA Ant1 Low 2409.12**1.4MCA Ant1 High 2467.12**

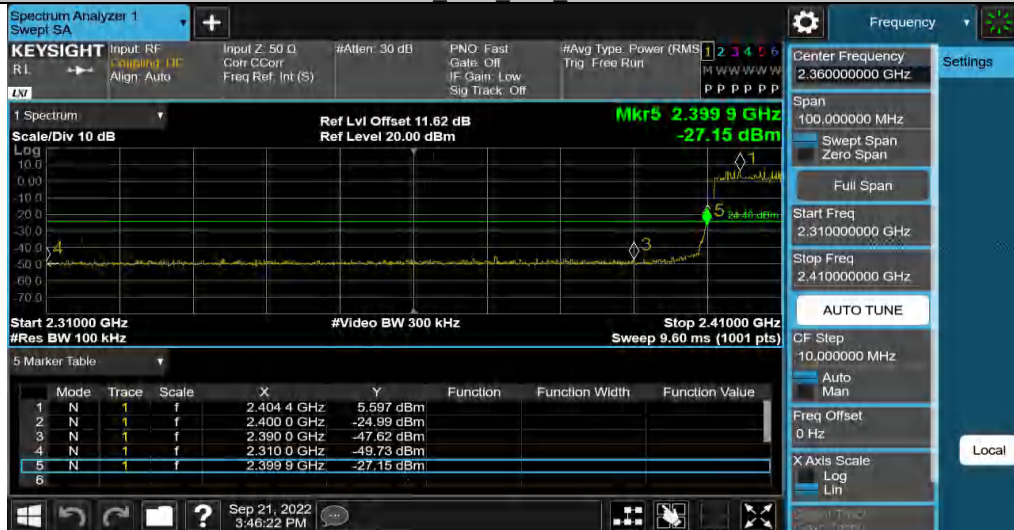
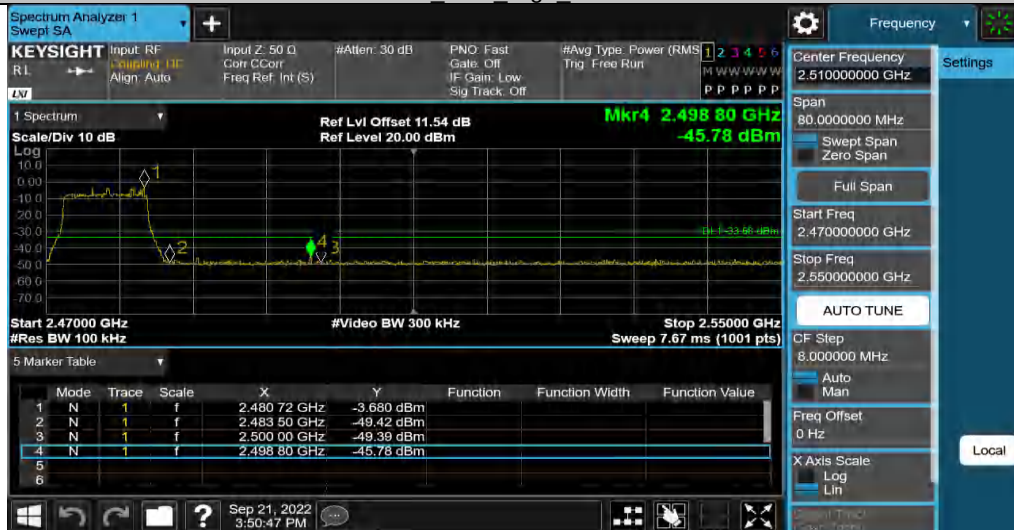
2.4GHz SDR, 3MHz BW Bandedge

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
3M	Ant1	Low	2417.5	9.31	-49.34	≤-20.69	PASS
		High	2456.5	8.74	-47.35	≤-21.26	PASS



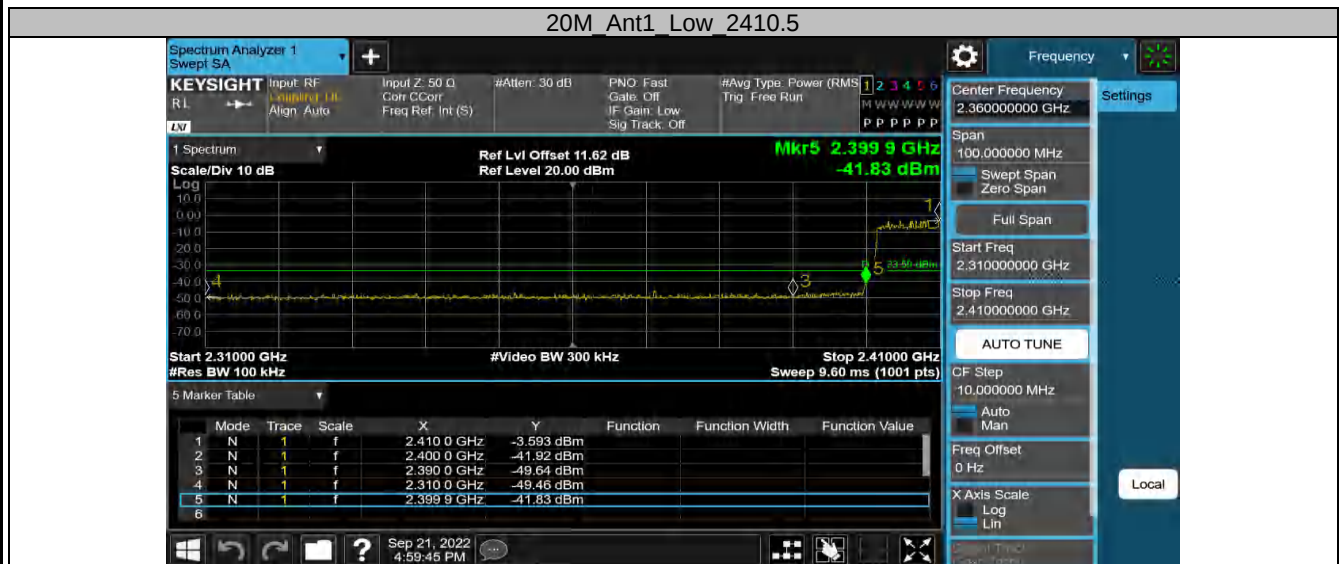
2.4GHz SDR, 10MHz BW Bandedge

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
10M	Ant1	Low	2405.5	5.60	-27.15	≤-24.4	PASS
		High	2476.5	-3.68	-45.78	≤-33.68	PASS

10M Ant1 Low 2405.5**10M Ant1 High 2476.5**

2.4GHz SDR, 20MHz BW Bandedge

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
20M	Ant1	Low	2410.5	-3.59	-41.83	≤-33.59	PASS
		High	2472.5	-14.28	-46.57	≤-44.28	PASS

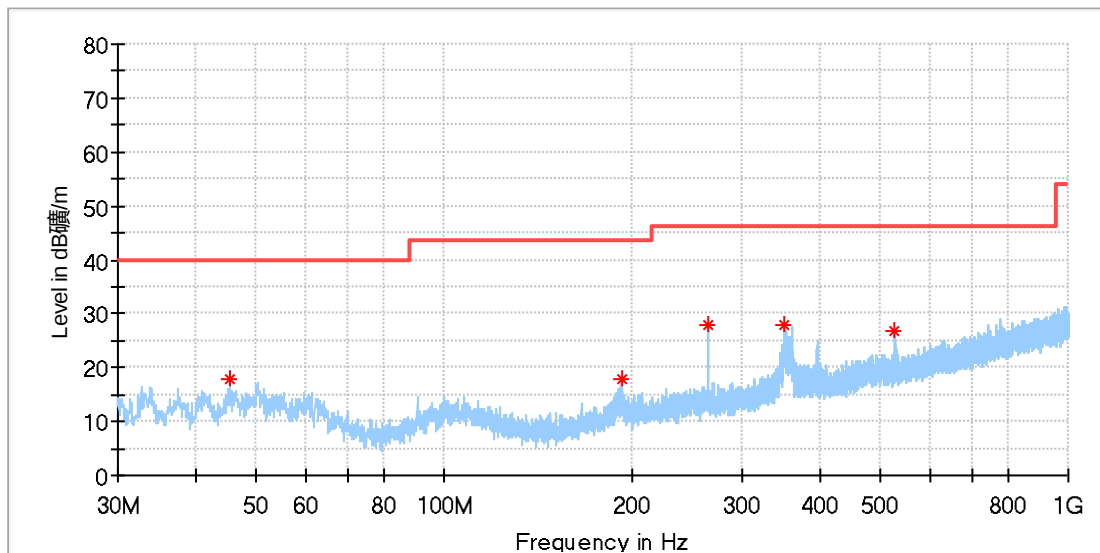


Note: Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

Appendix A.5: Test Results of Radiated Spurious Emissions 30MHz - 1GHz (Worst case)

EUT Information

EUT Name:	DJI Mini 2 SE
Model:	MT2SD
Test Mode:	SDR 2.4G_1.4M_2435.5MHz
Order No/Sample No:	168389903/A003336027-006
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

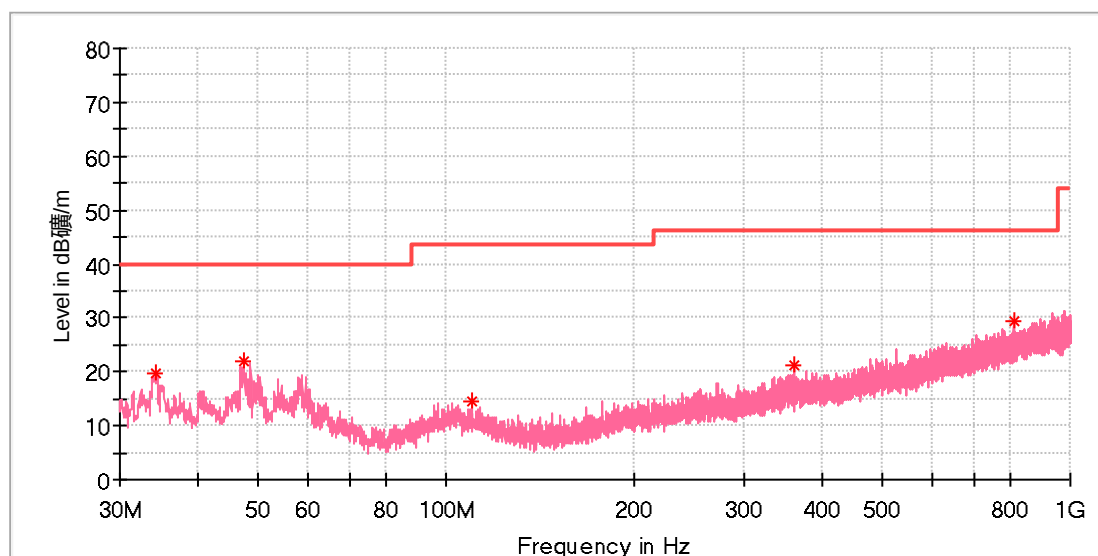
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
45.374500	17.83	40.00	22.17	100.0	H	157.0	-18.8
192.087000	17.80	43.50	25.70	100.0	H	112.0	-19.4
264.012500	28.05	46.00	17.95	100.0	H	250.0	-17.0
350.682000	28.02	46.00	17.98	100.0	H	320.0	-14.8
527.998000	26.90	46.00	19.10	100.0	H	117.0	-11.4

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

EUT Information

EUT Name: DJI Mini 2 SE
Model: MT2SD
Test Mode: SDR 2.4G_1.4M_2435.5MHz
Order No/Sample No: 168389903/A003336027-006
Test Voltage:: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
34.316500	19.85	40.00	20.15	100.0	V	131.0	-22.2
47.411500	21.98	40.00	18.02	100.0	V	303.0	-18.5
110.025000	14.47	43.50	29.03	100.0	V	206.0	-19.1
359.945500	21.03	46.00	24.97	100.0	V	34.0	-14.6
810.268000	29.25	46.00	16.75	100.0	V	268.0	-6.2

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

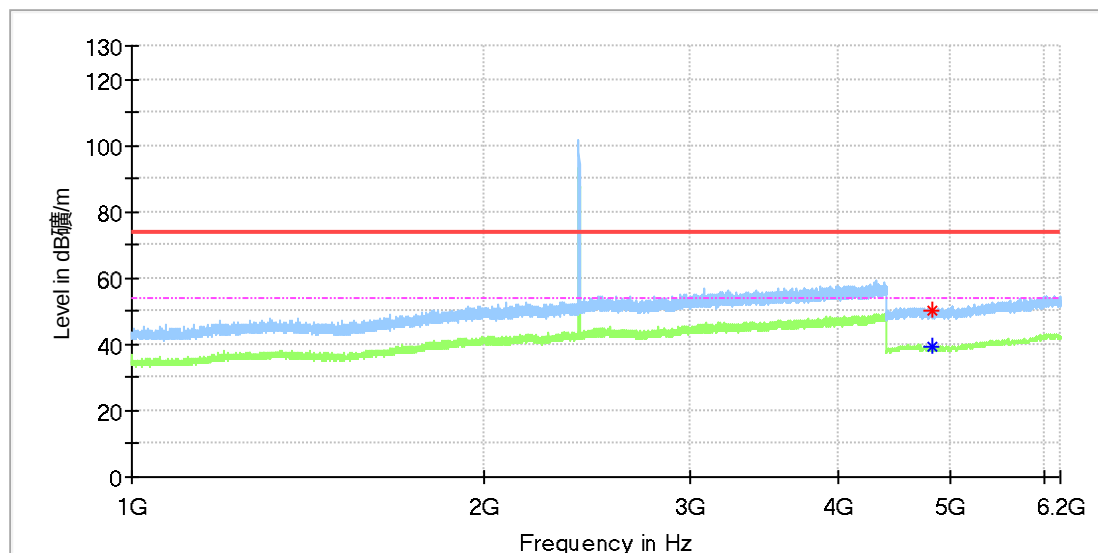
1GHz - 18GHz

Note: The highest waveform in the figure is 2.4GHz SDR Fundamental.

2.4GHz SDR, 1.4MHz BW

EUT Information

EUT Name:	DJI Mini 2 SE
Model:	MT2SD
Test Mode:	SDR 2.4G_1.4M_2407.5MHz
Order No/Sample No:	168389903/A003336027-006
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

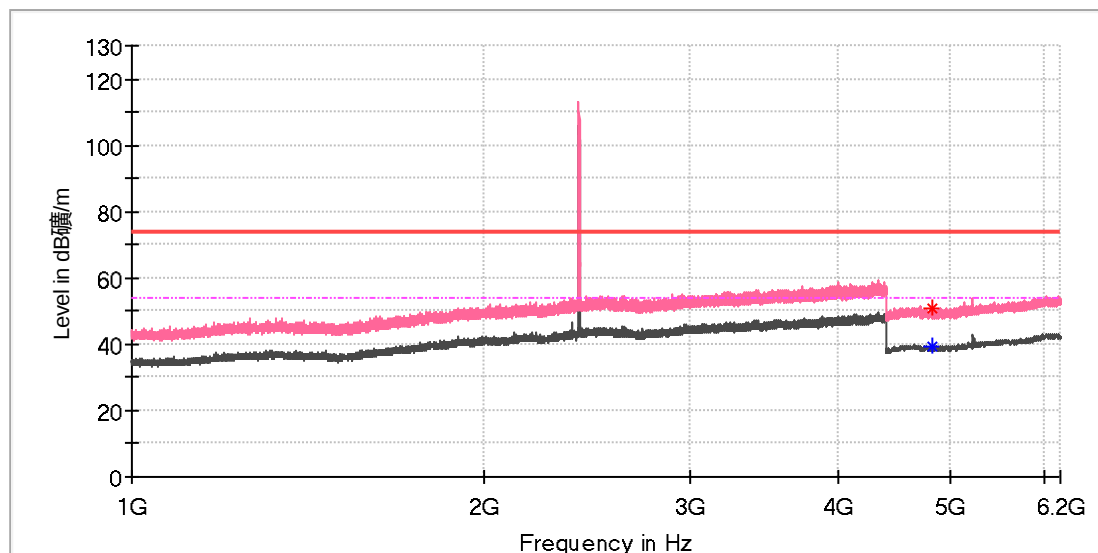
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4813.500000	50.38	---	74.00	23.62	100.0	H	0.0	11.8
4816.000000	---	39.04	54.00	14.96	100.0	H	126.0	11.8

Final_Result

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: DJI Mini 2 SE
Model: MT2SD
Test Mode: SDR 2.4G_1.4M_2407.5MHz
Order No/Sample No: 168389903/A003336027-006
Test Voltage:: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

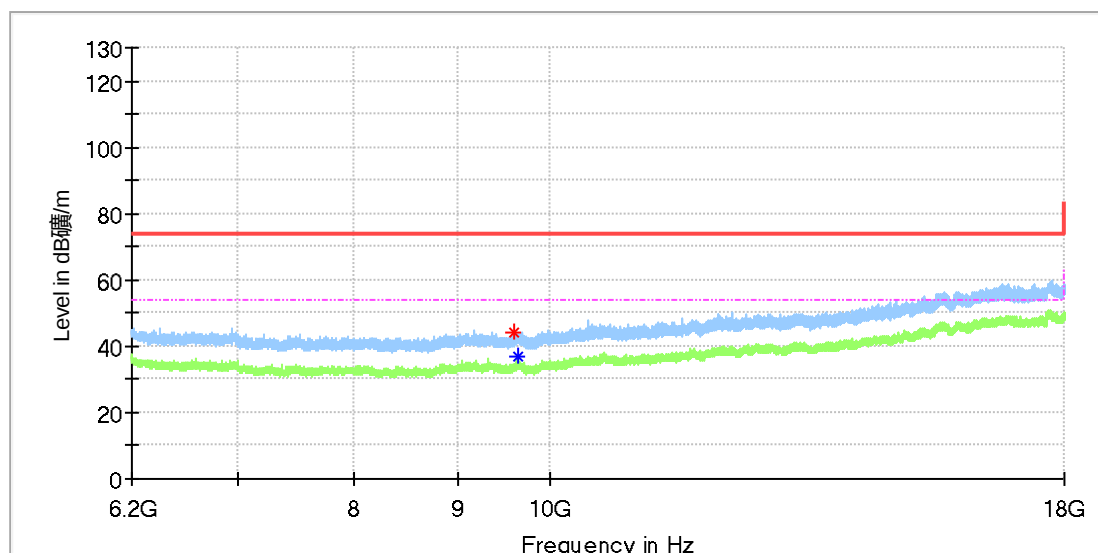
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4817.500000	50.91	---	74.00	23.09	100.0	V	265.0	11.8
4818.500000	---	39.08	54.00	14.92	100.0	V	331.0	11.8

Final_Result

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: DJI Mini 2 SE
Model: MT2SD
Test Mode: SDR 2.4G_1.4M_2407.5MHz
Order No/Sample No: 168389903/A003336027-006
Test Voltage:: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

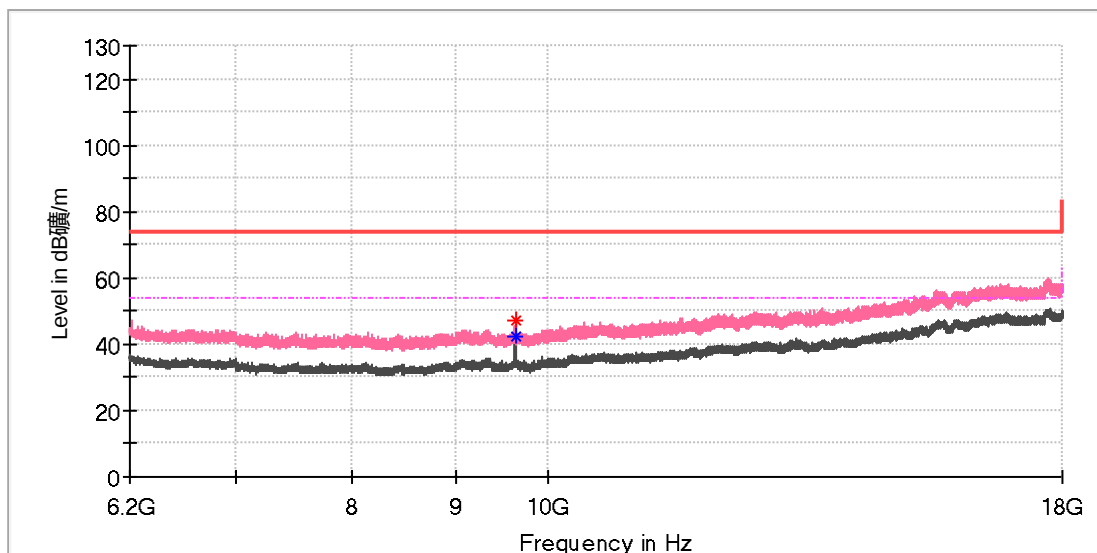
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
9607.250000	44.29	---	74.00	29.71	100.0	H	208.0	10.4
9629.866667	---	36.95	54.00	17.05	100.0	H	160.0	10.4

Final_Result

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: DJI Mini 2 SE
Model: MT2SD
Test Mode: SDR 2.4G_1.4M_2407.5MHz
Order No/Sample No: 168389903/A003336027-006
Test Voltage:: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

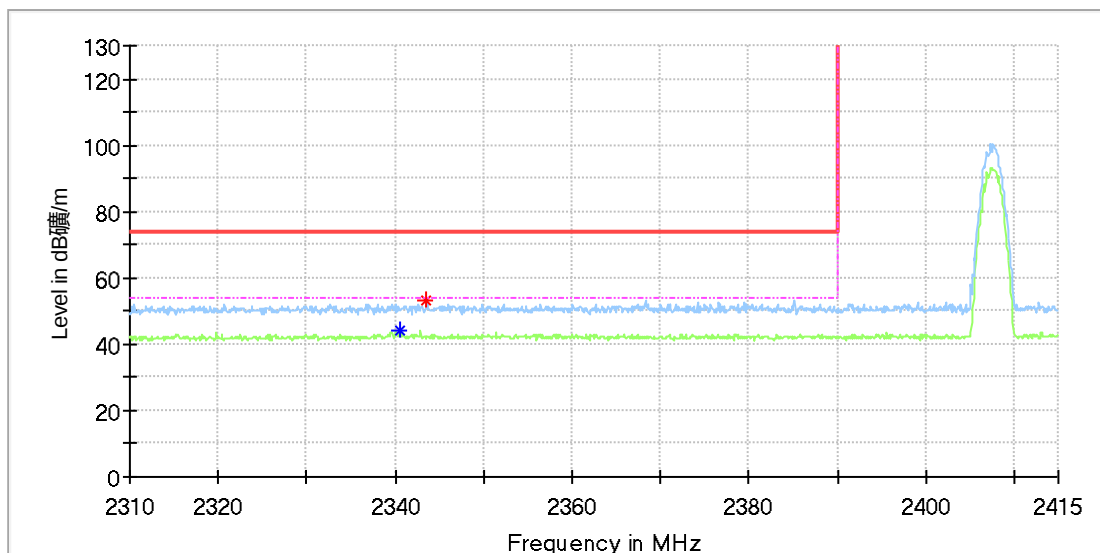
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
9629.866667	---	42.54	54.00	11.46	100.0	V	0.0	10.4
9630.358333	47.06	---	74.00	26.94	100.0	V	0.0	10.4

Final_Result

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: DJI Mini 2 SE
Model: MT2SD
Test Mode: SDR 2.4G_1.4M_2407.5MHz
Order No/Sample No: 168389903/A003336027-006
Test Voltage:: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

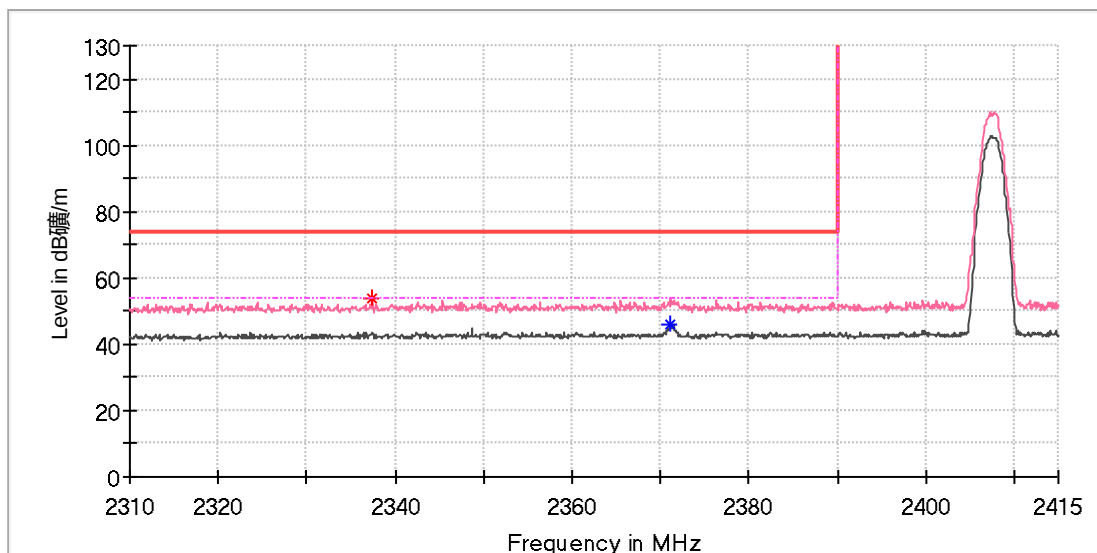
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2340.500000	---	44.12	54.00	9.88	100.0	H	212.0	6.8
2343.500000	53.35	---	74.00	20.65	100.0	H	4.0	6.9

Final_Result

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: DJI Mini 2 SE
Model: MT2SD
Test Mode: SDR 2.4G_1.4M_2407.5MHz
Order No/Sample No: 168389903/A003336027-006
Test Voltage:: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

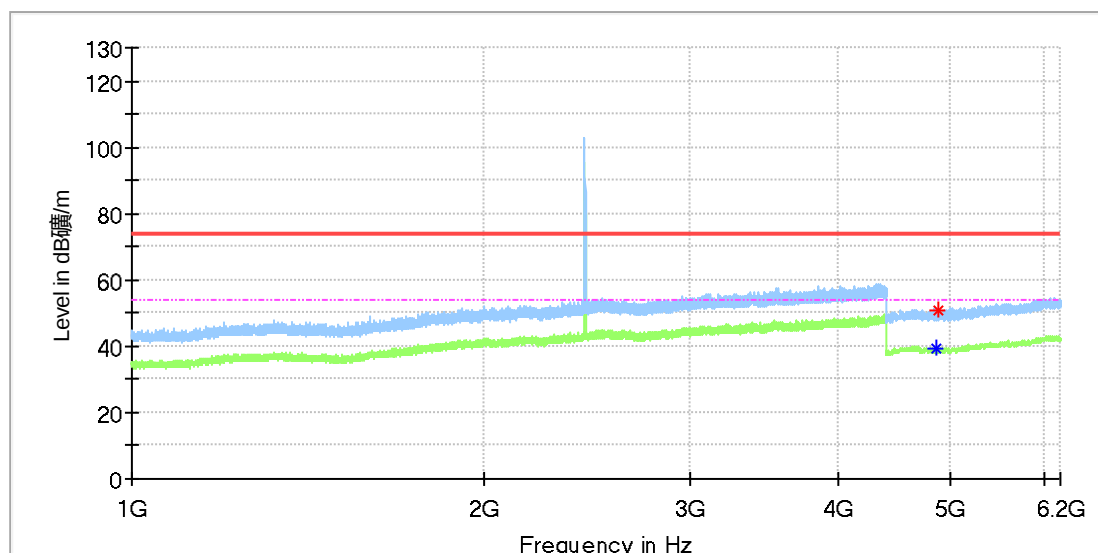
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2337.400000	53.75	---	74.00	20.25	100.0	V	67.0	6.8
2371.200000	---	45.99	54.00	8.01	100.0	V	345.0	6.9

Final_Result

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: DJI Mini 2 SE
Model: MT2SD
Test Mode: SDR 2.4G_1.4M_2435.5MHz
Order No/Sample No: 168389903/A003336027-006
Test Voltage:: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

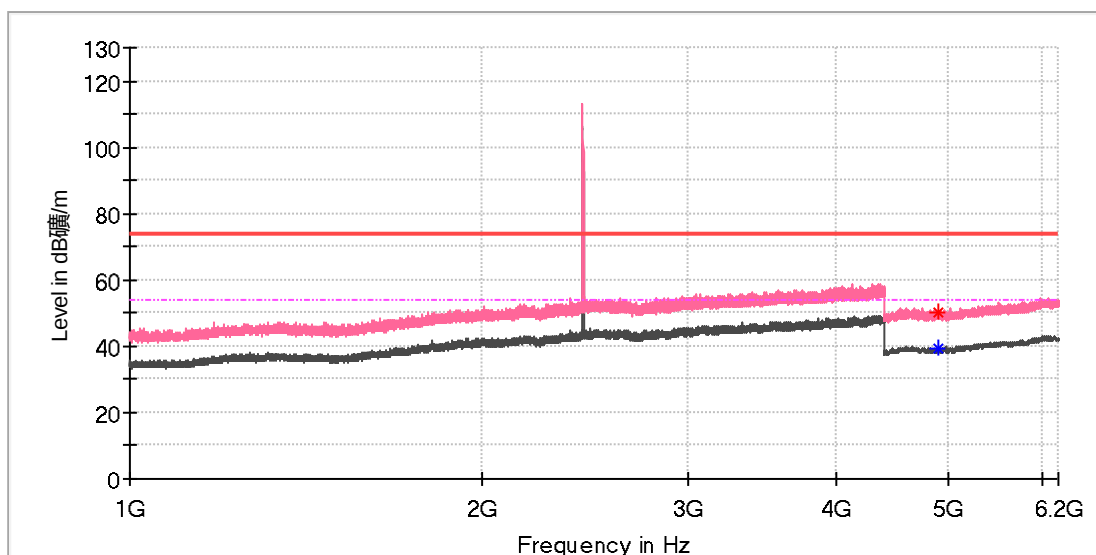
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4867.500000	---	39.02	54.00	14.98	100.0	H	61.0	11.8
4879.500000	51.09	---	74.00	22.91	100.0	H	242.0	11.8

Final_Result

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: DJI Mini 2 SE
Model: MT2SD
Test Mode: SDR 2.4G_1.4M_2435.5MHz
Order No/Sample No: 168389903/A003336027-006
Test Voltage:: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

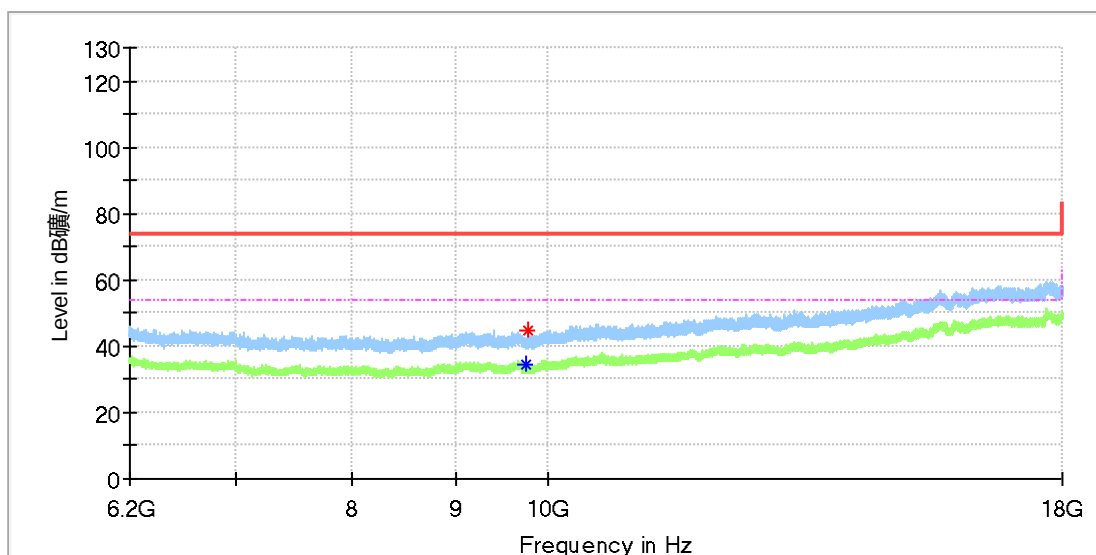
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4891.000000	50.44	---	74.00	23.56	100.0	V	133.0	11.8
4891.000000	---	39.38	54.00	14.62	100.0	V	133.0	11.8

Final_Result

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: DJI Mini 2 SE
Model: MT2SD
Test Mode: SDR 2.4G_1.4M_2435.5MHz
Order No/Sample No: 168389903/A003336027-006
Test Voltage:: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

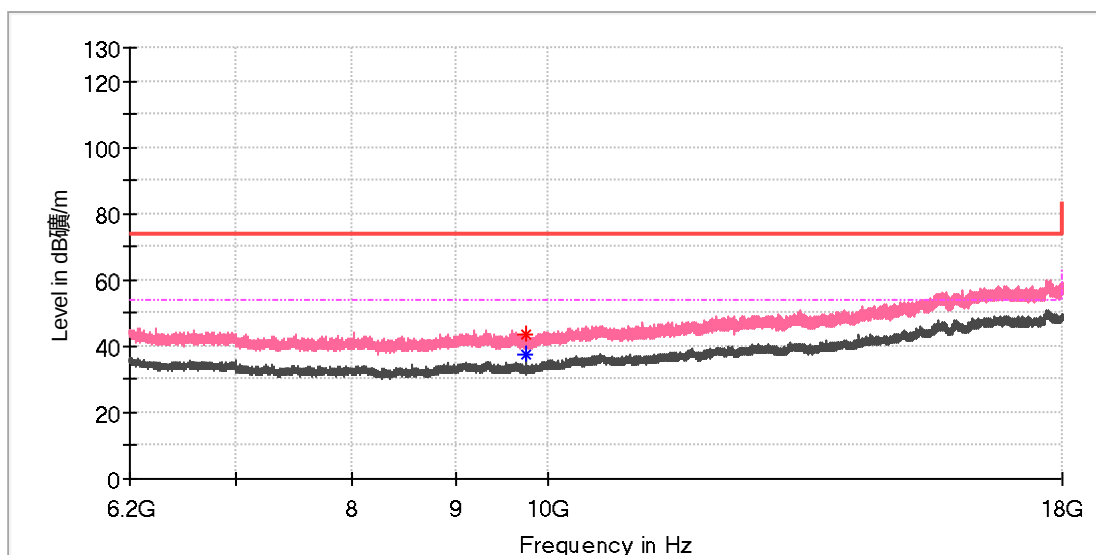
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
9741.966667	---	34.65	54.00	19.35	100.0	H	168.0	10.4
9769.991667	44.61	---	74.00	29.39	100.0	H	3.0	10.4

Final_Result

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: DJI Mini 2 SE
Model: MT2SD
Test Mode: SDR 2.4G_1.4M_2435.5MHz
Order No/Sample No: 168389903/A003336027-006
Test Voltage:: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

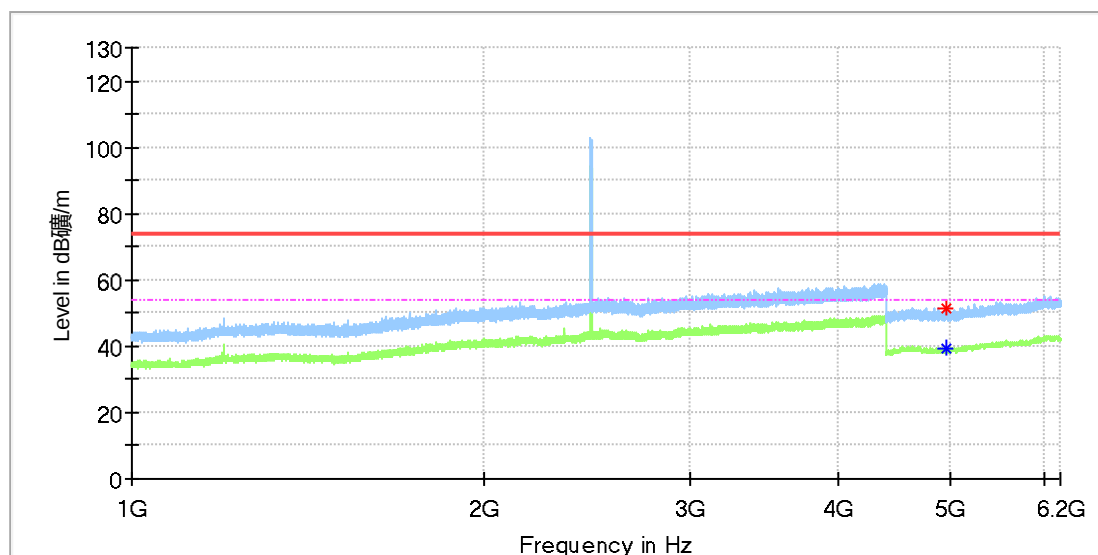
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
9741.966667	43.43	---	74.00	30.57	100.0	V	0.0	10.4
9741.966667	---	37.62	54.00	16.38	100.0	V	0.0	10.4

Final_Result

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: DJI Mini 2 SE
Model: MT2SD
Test Mode: SDR 2.4G_1.4M_2465.5MHz
Order No/Sample No: 168389903/A003336027-006
Test Voltage:: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

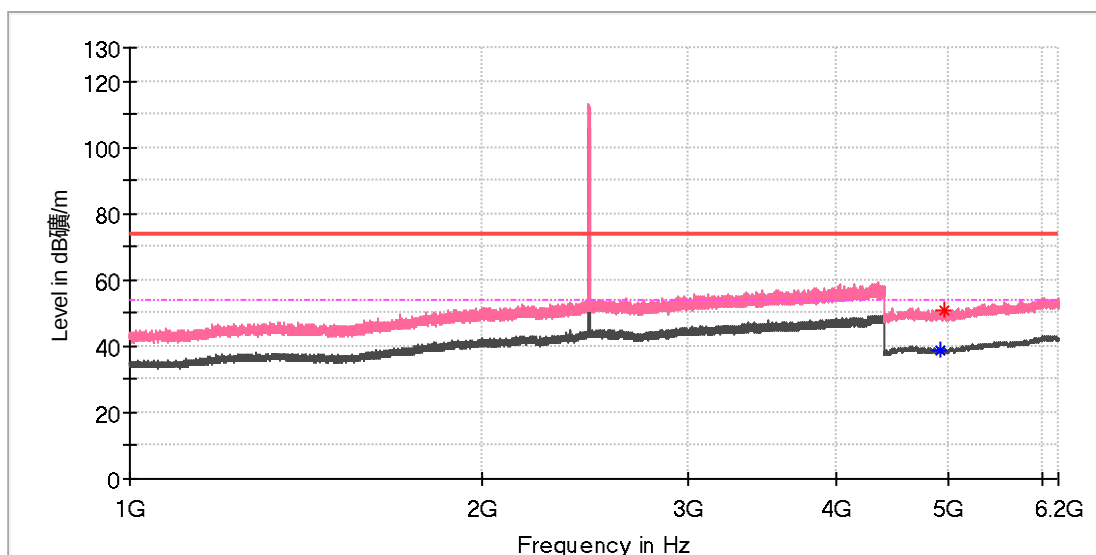
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4947.500000	---	39.43	54.00	14.57	100.0	H	202.0	11.8
4952.500000	51.09	---	74.00	22.91	100.0	H	310.0	11.8

Final_Result

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

EUT Information

EUT Name: DJI Mini 2 SE
Model: MT2SD
Test Mode: SDR 2.4G_1.4M_2465.5MHz
Order No/Sample No: 168389903/A003336027-006
Test Voltage:: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

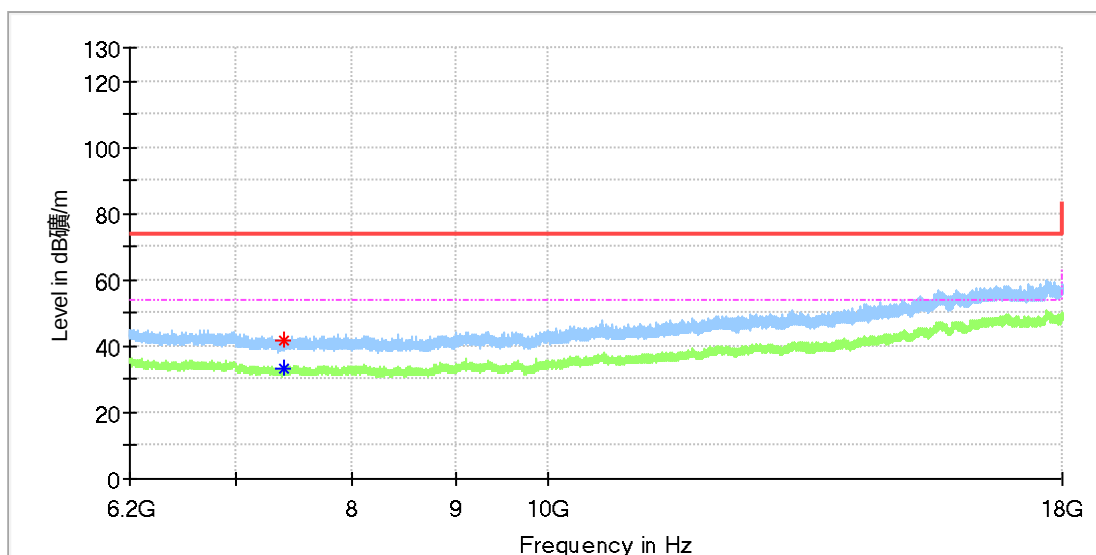
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4920.500000	---	38.98	54.00	15.02	100.0	V	218.0	11.8
4947.000000	51.01	---	74.00	22.99	100.0	V	295.0	11.8

Final_Result

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: DJI Mini 2 SE
Model: MT2SD
Test Mode: SDR 2.4G_1.4M_2465.5MHz
Order No/Sample No: 168389903/A003336027-006
Test Voltage:: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

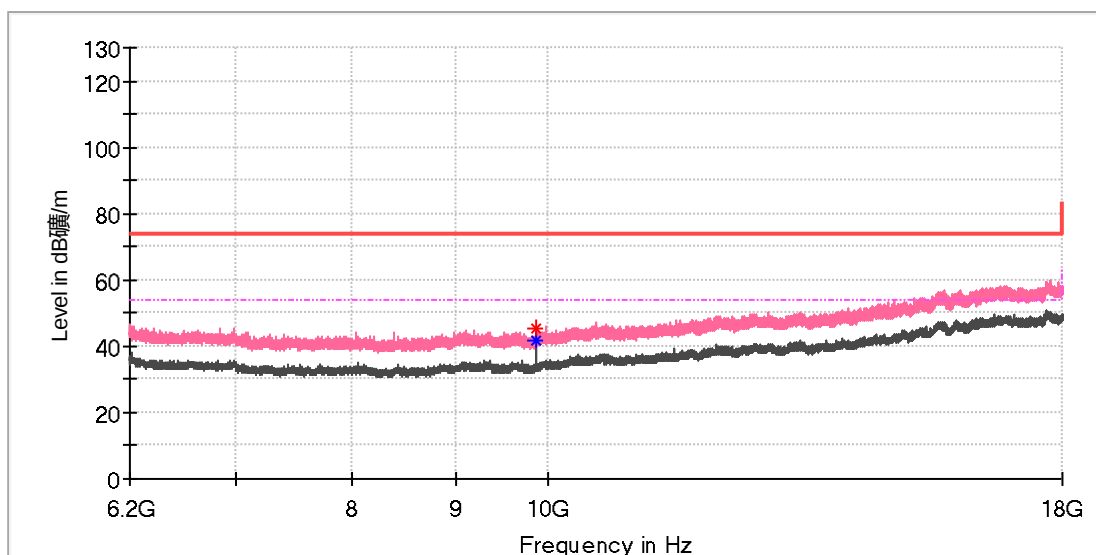
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7388.850000	41.72	---	74.00	32.28	100.0	H	129.0	8.2
7398.683333	---	33.12	54.00	20.88	100.0	H	266.0	8.3

Final_Result

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name: DJI Mini 2 SE
Model: MT2SD
Test Mode: SDR 2.4G_1.4M_2465.5MHz
Order No/Sample No: 168389903/A003336027-006
Test Voltage:: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
9861.933333	45.46	---	74.00	28.54	100.0	V	178.0	10.6
9861.933333	---	41.85	54.00	12.15	100.0	V	178.0	10.6

Final_Result

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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