Prüfbericht-Nr.: *Test report no.:*	**CN24PE8O 002**	**Auftrags-Nr.:** *Order no.:*	168495333	Seite 1 von 24 *Page 1 of 24*
Kunden-Referenz-Nr.: *Client reference no.:*	N/A	**Auftragsdatum:** *Order date:*	2024-07-19	
Auftraggeber: *Client:*	SZ DJI TECHNOLOGY CO., LTD. Lobby of T2, DJI Sky City, No. 53 Xianyuan Road, Xili Community, Xili Street, Nanshan District, Shenzhen, China			
Prüfgegenstand: *Test item:*	DJI Power Dongle			
Bezeichnung / Typ-Nr.: *Identification / Type no.:*	DYS_WL2G4 (Trademark: DJI)			
Auftrags-Inhalt: *Order content:*	Test Report			
Prüfgrundlage: *Test specification:*	CFR47 FCC Part 15: Subpart C Section 15.247 RSS-247 Issue 3 August 2023 RSS-Gen Issue 5 February 2021			
Wareneingangsdatum: *Date of sample receipt:*	2024-07-20	Please refer to Photo Document		
Prüfmuster-Nr.: *Test sample no:*	A003775473-003~004			
Prüfzeitraum: *Testing period:*	2024-07-21 - 2024-08-09			
Ort der Prüfung: *Place of testing:*	Refer to section 2.1			
Prüflaboratorium: *Testing laboratory:*	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüfergebnis*: *Test result*:*	Pass			

geprüft von: tested by:	X Hardy Suo	**genehmigt von:** *authorized by:*	X Lin Lin
Datum: *Date:* 2024-08-12		**Ausstellungsdatum:** *Issue date:* 2024-08-12	
Stellung / Position:	Sachverständige(r)/Expert	**Stellung** / Position:	Sachverständige(r)/Expert

Sonstiges / *Other:* FCC ID: SS3-WL2G42408, IC: 11805A-WL2G42408, HVIN: DYS_WL2G4

Zustand des Prüfgegenstandes bei Anlieferung: *Condition of the test item at delivery:* Prüfmuster vollständig und unbeschädigt *Test item complete and undamaged*

* Legende:	P(ass) = entspricht o.g. Prüfgrundlage(n)	F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	N/A = nicht anwendbar	N/T = nicht getestet
** Legend:*	*P(ass) = passed a.m. test specification(s)*	*F(ail) = failed a.m. test specification(s)*	*N/A = not applicable*	*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.
This test report only relates to the above mentioned 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.

Anmerkungen
Remarks

1	Alle eingesetzten Prüfmittel waren zum angegebenen Prüfzeitraum gemäß eines festgelegten Kalibrierungsprogramms unseres Prüfhauses kalibriert. Sie entsprechen den in den Prüfprogrammen hinterlegten Anforderungen. Die Rückverfolgbarkeit der eingesetzten Prüfmittel ist durch die Einhaltung der Regelungen unseres Managementsystems gegeben. Detaillierte Informationen bezüglich Prüfkonditionen, Prüfequipment und Messunsicherheiten sind im Prüflabor vorhanden und können auf Wunsch bereitgestellt werden. *The equipment used during the specified testing period was calibrated according to our test laboratory calibration program. The equipment fulfils the requirements included in the relevant standards. The traceability of the test equipment used is ensured by compliance with the regulations of our management system.* *Detailed information regarding test conditions, equipment and measurement uncertainty is available in the test laboratory and could be provided on request.*
2	Wie vertraglich vereinbart, wurde dieses Dokument nur digital unterzeichnet. Der TÜV Rheinland hat nicht überprüft, welche rechtlichen oder sonstigen diesbezüglichen Anforderungen für dieses Dokument gelten. Diese Überprüfung liegt in der Verantwortung des Benutzers dieses Dokuments. Auf Verlangen des Kunden kann der TÜV Rheinland die Gültigkeit der digitalen Signatur durch ein gesondertes Dokument bestätigen. Diese Anfrage ist an unseren Vertrieb zu richten. Eine Umweltgebühr für einen solchen zusätzlichen Service wird erhoben. Informationen zur Verifizierung der Authentizität unserer Dokumente erhalten Sie auf folgender Webseite: go.tuv.com/digital-signature *As contractually agreed, this document has been signed digitally only. TUV Rheinland has not verified and unable to verify which legal or other pertaining requirements are applicable for this document. Such verification is within the responsibility of the user of this document. Upon request by its client, TUV Rheinland can confirm the validity of the digital signature by a separate document. Such request shall be addressed to our Sales department. An environmental fee for such additional service will be charged. For information on verifying the authenticity of our documents, please visit the following website: go.tuv.com/digital-signature*
3	Prüfklausel mit der Note * wurden an qualifizierte Unterauftragnehmer vergeben und sind unter der jeweiligen Prüfklausel des Berichts beschrieben. Abweichungen von Prüfspezifikation(en) oder Kundenanforderungen sind in der jeweiligen Prüfklausel im Bericht aufgeführt. *Test clauses with remark of * are subcontracted to qualified subcontractors and descripted under the respective test clause in the report.* *Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report.*
4	Die Entscheidungsregel für Konformitätserklärungen basierend auf numerischen Messergebnisen in diesem Prüfbericht basiert auf der "Null-Grenzwert-Regel" und der "Einfachen Akzeptanz" gemäß ILAC G8:2019 und IEC Guide 115:2021, es sei denn, in der auf Seite 1 dieses Berichts genannten angewandten Norm ist etwas anderes festgelegt oder vom Kunden gewünscht. Dies bedeutet, dass die Messunsicherheit nicht berücksichtigt wird und daher auch nicht im Prüfbericht angegeben wird. Zu weiteren Informationen bezueglich des Risikos durch diese Entscheidungsregel siehe ILAC G8:2019. *The decision rule for statements of conformity, based on numerical measurement results, in this test report is based on the “Zero Guard Band Rule” and “Simple Acceptance” in accordance with ILAC G8:2019 and IEC Guide 115:2021, unless otherwise specified in the applied standard mentioned on Page 1 of this report or requested by the customer. This means that measurement uncertainty is not taken in account and hence also not declared in the test report. For additional information to the resulting risk based of this decision rule please refer to ILAC G8:2019.*

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

5.1.8 CONDUCTED EMISSION ON AC MAINS
RESULT: Pass

Contents

1 GENERAL REMARKS 5
1.1 COMPLEMENTARY MATERIALS 5
2 TEST SITES 6
2.1 TEST FACILITIES 6
2.2 LIST OF TEST AND MEASUREMENT INSTRUMENTS 6
2.3 TRACEABILITY 7
2.4 CALIBRATION 7
2.5 MEASUREMENT UNCERTAINTY 7
2.6 LOCATION OF ORIGINAL DATA 8
2.7 STATUS OF FACILITY USED FOR TESTING 8
3 GENERAL PRODUCT INFORMATION 9
3.1 PRODUCT FUNCTION AND INTENDED USE 9
3.2 RATINGS AND SYSTEM DETAILS 9
3.3 INDEPENDENT OPERATION MODES 11
3.4 NOISE GENERATING AND NOISE SUPPRESSING PARTS 11
3.5 SUBMITTED DOCUMENTS 11
4 TEST SET-UP AND OPERATION MODES 12
4.1 PRINCIPLE OF CONFIGURATION SELECTION 12
4.2 TEST OPERATION AND TEST SOFTWARE 12
4.3 SPECIAL ACCESSORIES AND AUXILIARY EQUIPMENT 12
4.4 COUNTERMEASURES TO ACHIEVE EMC COMPLIANCE 12
4.5 TEST SETUP DIAGRAM 13
5 TEST RESULTS 15
5.1 TRANSMITTER REQUIREMENT & TEST SUITES 15
5.1.1 Antenna Requirement 15
5.1.2 Maximum Peak Conducted Output Power 16
5.1.3 Conducted Power Spectral Density 18
5.1.4 6dB Bandwidth 19
5.1.5 99% Bandwidth 20
5.1.6 Conducted Spurious Emissions Measured in 100 kHz Bandwidth 21
5.1.7 Radiated Spurious Emission 22
5.1.8 Conducted Emission on AC Mains 23
6 PHOTOGRAPHS OF THE TEST SET-UP 24
7 LIST OF TABLES 24

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 Bluetooth LE

Appendix B: Test Results of 2.4GHz Wi-Fi

Appendix C: Photographs of the Test Set-up

2 Test Sites

2.1 Test Facilities

Shenzhen UnionTrust Quality and Technology Co., Ltd.
Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China
A2LA-Lab Certificate No.: 4312.01

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Conducted RF test Equipment List						
Used	**Equipment**	**Manufacturer**	**Model No.**	**Serial Number**	**Cal. date**	**Cal. Due date**
☒	EXA Spectrum Analyzer	KEYSIGHT	N9020A	MY51286807	27-Oct-2023	26-Oct-2024
☒	USB Wideband Power Sensor	KEYSIGHT	U2021XA	MY55430035	27-Oct-2023	26-Oct-2024
☐	MXG X-Series RF Vector Signal Generator	KEYSIGHT	N5182B	MY51350267	27-Oct-2023	26-Oct-2024

Radiated Emission Test Equipment List						
Used	**Equipment**	**Manufacturer**	**Model No.**	**Serial Number**	**Cal. date**	**Cal. Due date**
☒	3m SAC	ETS-LINDGREN	3m	Euroshiedpn-CT001270-1317	11-Nov-2023	10-Nov-2026
☒	Receiver	R&S	ESIB26	100114	27-Oct-2023	26-Oct-2024
☒	Broadband Antenna	ETS-LINDGREN	3142E	00201566	30-Oct-2023	29-Oct-2024
☒	6dB Attenuator	Talent	RA6A5-N-18	18103001	30-Oct-2023	29-Oct-2024
☒	Preamplifier	HP	8447F	2805A02960	31-Oct-2023	30-Oct-2024
☒	Double-Ridged Waveguide Horn Antenna (Pre-amplifier)	ETS-LINDGREN	3117-PA	00201541	01-Apr-2024	31-Mar-2025
☒	Pre-amplifier	ETS-Lindgren	00118385	00201874	31-Oct-2023	30-Oct-2024
☒	Double-Ridged Waveguide Horn Antenna (Pre-amplifier)	ETS-LINDGREN	3116C-PA	00202652	30-Oct-2023	29-Oct-2024
☒	Pre-amplifier	ETS-Lindgren	00118384	00202652	30-Oct-2023	29-Oct-2024
☒	Multi device Controller	ETS-LINDGREN	7006-001	00160105	N/A	N/A
☒	Test Software	Audix	e3	Software Version: 9.160323		

Conducted Emission Test Equipment List						
Used	**Equipment**	**Manufacturer**	**Model No.**	**Serial Number**	**Cal. date**	**Cal. Due date**
☒	Receiver	R&S	ESR7	101181	27-Oct-2023	26-Oct-2024
☒	Pulse Limiter	R&S	ESH3-Z2	0357.8810.54	27-Oct-2023	26-Oct-2024
☒	LISN	R&S	ESH2-Z5	860014/024	27-Oct-2023	26-Oct-2024
☒	LISN	ETS-Lindgren	3816/2SH	00201088	27-Oct-2023	26-Oct-2024
☒	Test Software	EZ-EMC	EZ-CON	Software Version: EMC-CON 3A1.1		

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 basics 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

No.	Item	Measurement Uncertainty
1	Conducted emission 9kHz-150kHz	±3.2 dB
2	Conducted emission 150kHz-30MHz	±2.7 dB
3	Radiated emission 9kHz-30MHz	± 4.7 dB
4	Radiated emission 30MHz-1GHz	± 4.6 dB
5	Radiated emission 1GHz-18GHz	± 4.4 dB
6	Radiated emission 18GHz-26GHz	± 4.6 dB
7	Radiated emission 26GHz-40GHz	± 4.6 dB
8	Conducted spurious emissions	± 2.7 dB
9	RF Power, Conducted	± 0.68 dB
10	Occupied Bandwidth	± 1.86 %
11	Radio Frequency	2.4 GHz: ± 6.5 x 10^{-8}
12	Transmission Time	± 0.19 %

2.6 Location of Original Data

The original copies of all test data taken during actual testing were attached at Appendix A & B & C 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 Shenzhen UnionTrust Quality and Technology Co., Ltd. Test facility located at Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

The TÜV Rheinland (Shenzhen) Co., Ltd. Test facility located at No. 362 Huanguan Road Middle, Longhua District, 518110, Shenzhen, P. R. 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 Product is a DJI Power Dongle which supports Bluetooth LE and 2.4GHz Wi-Fi functions.

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 Power Dongle
Type Designation:	DYS_WL2G4
Trademark:	DJI
FCC ID:	SS3-WL2G42408
IC:	11805A-WL2G42408
HVIN:	DYS_WL2G4
Operating Voltage:	DC 5V
Testing Voltage:	DC 5V powered by PC
Technical Specification of Bluetooth LE	
Operating Frequency:	2402 MHz to 2480 MHz
Type of Modulation:	GFSK
Channel Number:	40 channels
Channel Separation:	2MHz
Data Rate:	1Mbps, 2Mbps
Antenna Type:	Integral Antenna
Antenna Gain:	1 dBi (Provided by the Client)
Technical Specification of 2.4GHz Wi-Fi	
Operating Frequency	2412 - 2472MHz for 802.11b/g/n(HT20) 2422 - 2462MHz for 802.11n(HT40)
Type of Modulation:	DSSS(DBPSK/DQPSK/CCK) OFDM(BPSK/QPSK/16QAM/64QAM)
Data Rate:	1/2/5.5/11 Mbps for 802.11b 6/9/12/18/24/36/48/54 Mbps for 802.11g MCS0 ~ MCS7 for 802.11n
Channel Number:	11 channels for 802.11b/g/n(HT20) 7 channels for 802.11n(HT40)
Channel Separation:	5 MHz
Antenna Type:	Integral Antenna
Antenna Gain:	1 dBi (Provided by the Client)

Table 4: RF Channel and Frequency of Bluetooth LE

RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
0	**2402**	10	2422	20	2442	30	2462
1	2404	11	2424	21	2444	31	2464
2	2406	12	2426	22	2446	32	2466
3	2408	13	2428	23	2448	33	2468
4	2410	14	2430	24	2450	34	2470
5	2412	15	2432	25	2452	35	2472
6	2414	16	2434	26	2454	36	2474
7	2416	17	2436	27	2456	37	2476
8	2418	18	2438	28	2458	38	2478
9	2420	**19**	**2440**	29	2460	**39**	**2480**

Test frequencies are lowest channel: 2402 MHz, middle channel: 2440 MHz and highest channel: 2480 MHz for Bluetooth LE

Table 5: RF Channel and Frequency of 2.4GHz Wi-Fi

RF Channel	802.11 b/g/n(HT20)	802.11 n(HT40)
	Frequency (MHz)	Frequency (MHz)
01	**2412**	**/**
02	2417	/
03	2422	**2422**
04	2427	2427
05	2432	2432
06	**2437**	**2437**
07	2442	2442
08	2447	2447
09	2452	**2452**
10	2457	/
11	**2462**	**/**

Test frequencies are lowest channel: 2412 MHz, middle channel: 2437 MHz and highest channel: 2462 MHz for 802.11b/g/n(HT20)

Test frequencies are lowest channel: 2422 MHz, middle channel: 2437 MHz and highest channel: 2452 MHz for 802.11n(HT40)

3.3 Independent Operation Modes

The basic operation modes are:

A. On, Bluetooth transmitting mode (BLE)

1) Low Channel
2) Middle Channel
3) High Channel

B. On, 2.4GHz Wi-Fi transmitting mode

1) Low Channel
2) Middle Channel
3) High Channel

C. Off

3.4 Noise Generating and Noise Suppressing Parts

Refer to Circuit Diagram for further details.

3.5 Submitted Documents

- Application Form
- ID Label and Location Info
- User Manual
- Operation Description

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 DYS_WL2G4 in this report.

4.3 Special Accessories and Auxiliary Equipment

Table 6: List of Accessories and Auxiliary Equipment

Description	Manufacturer	Model	S/N	Supplied by
Notebook	DELL	Latitude 3400	16238087894	UnionTrust

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)

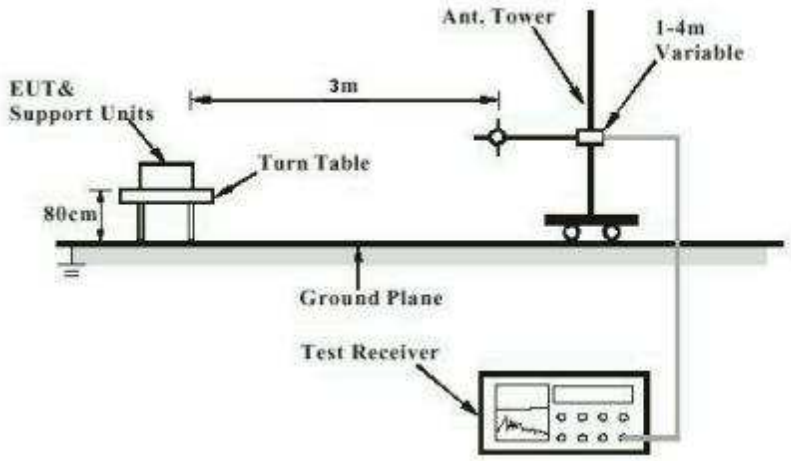


Diagram of Measurement Configuration for Radiation Test (Above 1GHz)

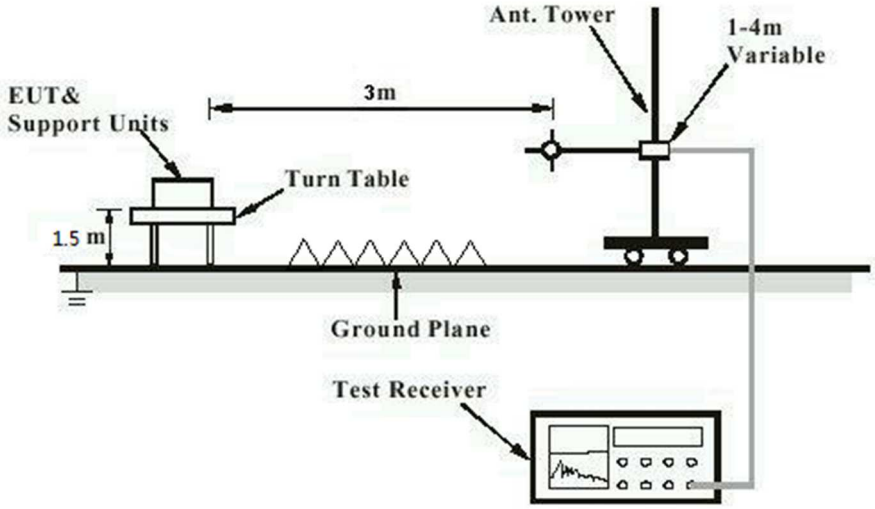


Diagram of Measurement Configuration for Mains Conduction Measurement

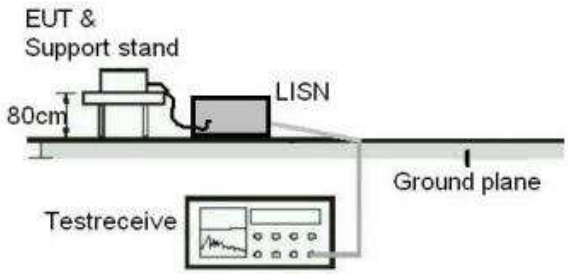
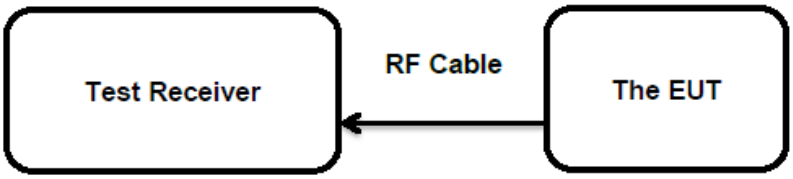


Diagram of Measurement Configuration for Conducted Transmitter Measurement



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 RSS-Gen Clause 6.8

According to the manufacturer declared, the EUT has an Integral Antenna, the directional gain of antenna is 1 dBi for Bluetooth & 2.4GHz Wi-Fi, and the antenna connector is designed with permanent attachment and no consideration of replacement.

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)(1)&(3) RSS-247 Clause 5.4(b)&(d)
Basic standard	:	ANSI C63.10: 2013
Limits	:	DSSS < 1.0 Watts e.i.r.p. <4W
Kind of test site	:	Shielded Room

Test Setup

Date of testing	:	2024-07-21 to 2024-07-31
Input voltage	:	DC 5V by PC USB port
Operation mode	:	A, B
Test channel	:	Low / Middle / High
Ambient temperature	:	25.2 ℃
Relative humidity	:	55.3 %
Atmospheric pressure	:	100.1 kPa

For details refer to following test result.

Table 7: Test Result of Maximum Peak Conducted Output Power, Bluetooth LE

Test Mode	Data Rate	Test Channel (MHz)	Measured Peak Power		Limit (W)
			(dBm)	(W)	
Bluetooth LE	1 Mbps	2402	2.36	0.0017	< 1.0
		2440	4.41	0.0028	
		2480	3.93	0.0025	
	2 Mbps	2402	2.41	0.0017	
		2440	4.26	0.0027	
		2480	3.95	0.0025	
Maximum Measured Value			**4.41**	**0.0028**	
Max. e.i.r.p.=4.41dBm+1dBi=5.41dBm, which is less than 36dBm=4W.					

Table 8: Test Result of Maximum Peak Conducted Output Power, 2.4GHz Wi-Fi

Test Mode	Data Rate	Test Channel (MHz)	Measured Peak Power		Limit (W)
			(dBm)	(W)	
802.11b	1 Mbps	2412	15.48	0.0353	< 1.0
		2437	15.01	0.0317	
		2462	15.87	0.0386	
802.11g	6 Mbps	2412	14.75	0.0299	
		2437	15.28	0.0337	
		2462	15.84	0.0384	
802.11n (HT20)	MCS0	2412	13.43	0.0220	
		2437	13.87	0.0244	
		2462	14.52	0.0283	
802.11n (HT40)	MCS0	2422	12.62	0.0183	
		2437	13.21	0.0209	
		2452	13.37	0.0217	
Maximum Measured Value			**15.87**	**0.0386**	
Max. e.i.r.p.=15.87dBm+1dBi=16.87dBm, which is less than 36dBm=4W.					

Note:
1) The cable loss is taken into account in results.
2) Antenna gain(G): 1 dBi for Bluetooth & 2.4GHz Wi-Fi

5.1.3 Conducted Power Spectral Density

RESULT: **Pass**

Test Specification

Test standard	:	FCC Part 15.247(e) RSS-247 Clause 5.2(b)
Basic standard	:	ANSI C63.10: 2013
Limits	:	< 8 dBm / 3kHz
Kind of test site	:	Shielded Room

Test Setup

Date of testing	:	2024-07-21 to 2024-07-31
Input voltage	:	DC 5V by PC USB port
Operation mode	:	A, B
Test channel	:	Low / Middle / High
Ambient temperature	:	25.2 ℃
Relative humidity	:	55.3 %
Atmospheric pressure	:	101 kPa

For the measurement records, refer to the appendix A, B.

5.1.4 6dB Bandwidth

RESULT: **Pass**

Test Specification

Test standard	:	FCC Part 15.247(a)(2) RSS-247 Clause 5.2(a)
Basic standard	:	ANSI C63.10: 2013
Limits	:	> 500 KHz
Kind of test site	:	Shielded Room

Test Setup

Date of testing	:	2024-07-21 to 2024-07-31
Input voltage	:	DC 5V by PC USB port
Operation mode	:	A, B
Test channel	:	Low / Middle / High
Ambient temperature	:	25.2 ℃
Relative humidity	:	55.3 %
Atmospheric pressure	:	101 kPa

For the measurement records, refer to the appendix A, B.

5.1.5 99% Bandwidth

RESULT: **Pass**

Test Specification

Test standard	:	FCC Part 15.247(a) RSS-Gen Clause 6.7
Basic standard	:	ANSI C63.10: 2013
Kind of test site	:	Shielded Room

Test Setup

Date of testing	:	2024-07-21 to 2024-07-31
Input voltage	:	DC 5V by PC USB port
Operation mode	:	A, B
Test channel	:	Low / Middle / High
Ambient temperature	:	25.2 ℃
Relative humidity	:	55.3 %
Atmospheric pressure	:	101 kPa

For the measurement records, refer to the appendix A, B.

5.1.6 Conducted Spurious Emissions Measured in 100 kHz Bandwidth

RESULT: **Pass**

Test Specification

Test standard	:	FCC Part 15.247(d) RSS-247 Clause 5.5
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	:	2024-07-21 to 2024-07-31
Input voltage	:	DC 5V by PC USB port
Operation mode	:	A, B
Test channel	:	Low / Middle / High
Ambient temperature	:	25.2 ℃
Relative humidity	:	55.3 %
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, B.

5.1.7 Radiated Spurious Emission

RESULT: **Pass**

Test Specification

Test standard	:	FCC Part 15.247(d) & FCC Part 15.205 RSS-247 Clause 3.3
Basic standard	:	ANSI C63.10: 2013
Limits	:	Refer to 15.209(a) of FCC part 15.247(d) RSS-Gen Section 8.9 & 8.10
Kind of test site	:	3m Semi-anechoic Chamber

Test Setup

Date of testing	:	2024-07-31 to 2024-08-01
Input voltage	:	DC 5V by PC USB port
Operation mode	:	A, B
Test channel	:	Low / Middle / High
Ambient temperature	:	Refer to test result
Relative humidity	:	Refer to test result
Atmospheric pressure	:	100.1 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, B.

5.1.8 Conducted Emission on AC Mains

RESULT: **Pass**

Test Specification

Test standard	:	FCC Part 15.207(a) RSS-Gen Section 8.8
Basic standard	:	ANSI C63.10: 2013
Frequency range	:	0.15 – 30MHz
Classification	:	Class B
Limits	:	FCC Part 15.207(a) RSS-Gen Table 4
Kind of test site	:	Shielded Room

Test Setup

Date of testing	:	2024-08-09
Input voltage	:	AC 120V, 60Hz
Operation mode	:	A, B
Earthing	:	Not connected
Ambient temperature	:	23.5 ℃
Relative humidity	:	50.5 %
Atmospheric pressure	:	100.1 kPa

For the measurement records, refer to the appendix A, B.

6 Photographs of the Test Set-Up

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

7 List of Tables

Table 1: List of Test and Measurement Equipment 6
Table 2: Measurement Uncertainty 7
Table 3: Technical Specification of EUT 9
Table 4: RF Channel and Frequency of Bluetooth LE 10
Table 5: RF Channel and Frequency of 2.4GHz Wi-Fi 10
Table 6: List of Accessories and Auxiliary Equipment 12
Table 7: Test Result of Maximum Peak Conducted Output Power, Bluetooth LE 17
Table 8: Test Result of Maximum Peak Conducted Output Power, 2.4GHz Wi-Fi 17

Appendix A: Test Results of Bluetooth LE

APPENDIX A: TEST RESULTS OF BLUETOOTH LE **1**
APPENDIX A.1: TEST RESULTS OF CONDUCTED POWER SPECTRAL DENSITY 2
APPENDIX A.2: TEST RESULTS OF 6DB BANDWIDTH 6
APPENDIX A.3: TEST RESULTS OF 99% BANDWIDTH 10
APPENDIX A.4: TEST RESULTS OF CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100 KHZ BANDWIDTH 14
Band Edge *14*
Conducted Spurious Emission *17*
APPENDIX A.5: TEST RESULTS OF RADIATED SPURIOUS EMISSIONS 27
30 MHz - 1GHz *27*
1GHz - 18GHz *31*
APPENDIX A.6: TEST RESULTS OF RADIATED EMISSIONS IN RESTRICTED BANDS 43
APPENDIX A.7: TEST RESULTS OF CONDUCTED EMISSION ON AC MAINS 51

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

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-13.53	≤8.00	PASS
BLE_1M	Ant1	2440	-11.66	≤8.00	PASS
BLE_1M	Ant1	2480	-12.36	≤8.00	PASS
BLE_2M	Ant1	2402	-18.94	≤8.00	PASS
BLE_2M	Ant1	2440	-16.87	≤8.00	PASS
BLE_2M	Ant1	2480	-17.75	≤8.00	PASS

BLE_1M-Ant1-2402-PASS

BLE_1M-Ant1-2440-PASS

BLE_1M-Ant1-2480-PASS

BLE_2M-Ant1-2402-PASS

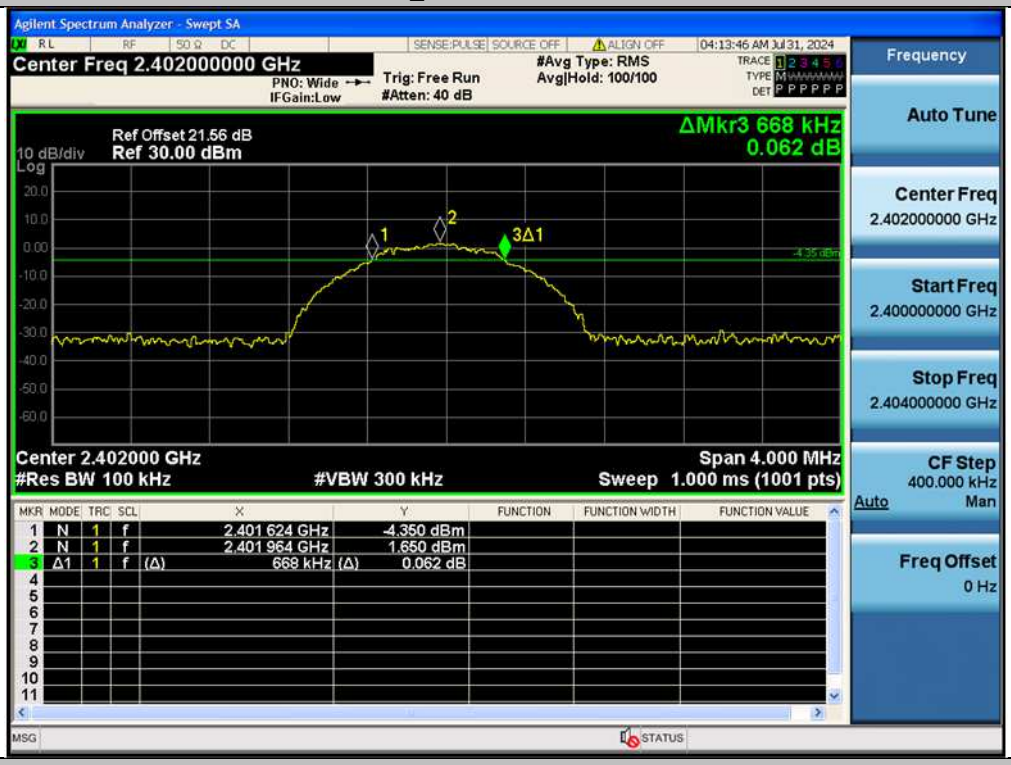
BLE_2M-Ant1-2440-PASS

BLE_2M-Ant1-2480-PASS

Appendix A.2: Test Results of 6dB Bandwidth

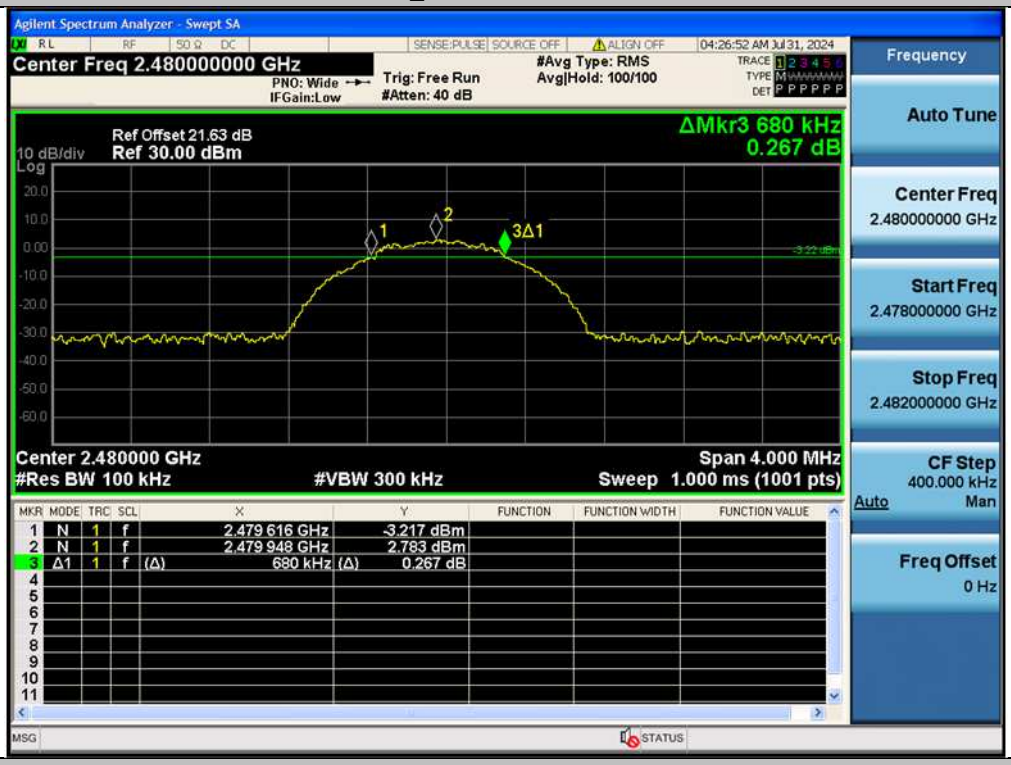
TestMode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.668	2401.624	2402.292	0.5	PASS
BLE_1M	Ant1	2440	0.668	2439.624	2440.292	0.5	PASS
BLE_1M	Ant1	2480	0.680	2479.616	2480.296	0.5	PASS
BLE_2M	Ant1	2402	1.316	2401.296	2402.612	0.5	PASS
BLE_2M	Ant1	2440	1.316	2439.292	2440.608	0.5	PASS
BLE_2M	Ant1	2480	1.328	2479.296	2480.624	0.5	PASS

BLE_1M-Ant1-2402-PASS



BLE_1M-Ant1-2440-PASS

BLE_1M-Ant1-2480-PASS



BLE_2M-Ant1-2402-PASS

BLE_2M-Ant1-2440-PASS

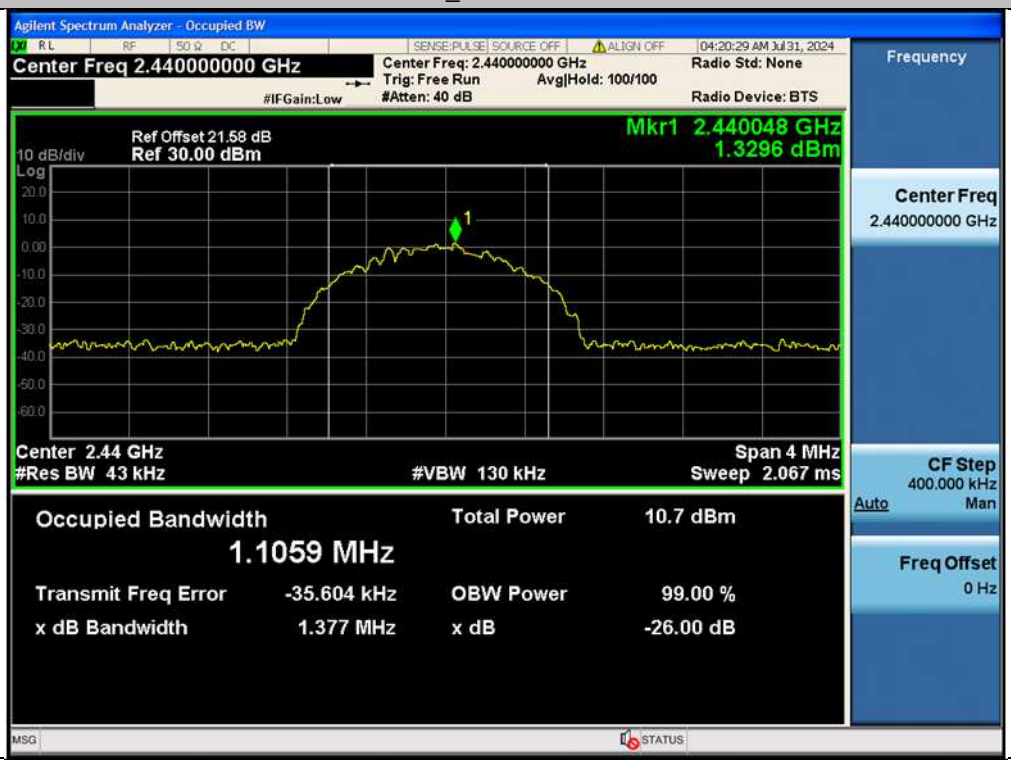
BLE_2M-Ant1-2480-PASS

Appendix A.3: Test Results of 99% Bandwidth

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.1168	2401.4039	2402.5207	---	PASS
BLE_1M	Ant1	2440	1.1059	2439.4115	2440.5174	---	PASS
BLE_1M	Ant1	2480	1.1096	2479.4071	2480.5167	---	PASS
BLE_2M	Ant1	2402	2.2052	2400.8687	2403.0739	---	PASS
BLE_2M	Ant1	2440	2.1849	2438.8818	2441.0667	---	PASS
BLE_2M	Ant1	2480	2.1975	2478.8700	2481.0675	---	PASS

BLE_1M-Ant1-2402

BLE_1M-Ant1-2440



BLE_1M-Ant1-2480

BLE_2M-Ant1-2402

BLE_2M-Ant1-2440

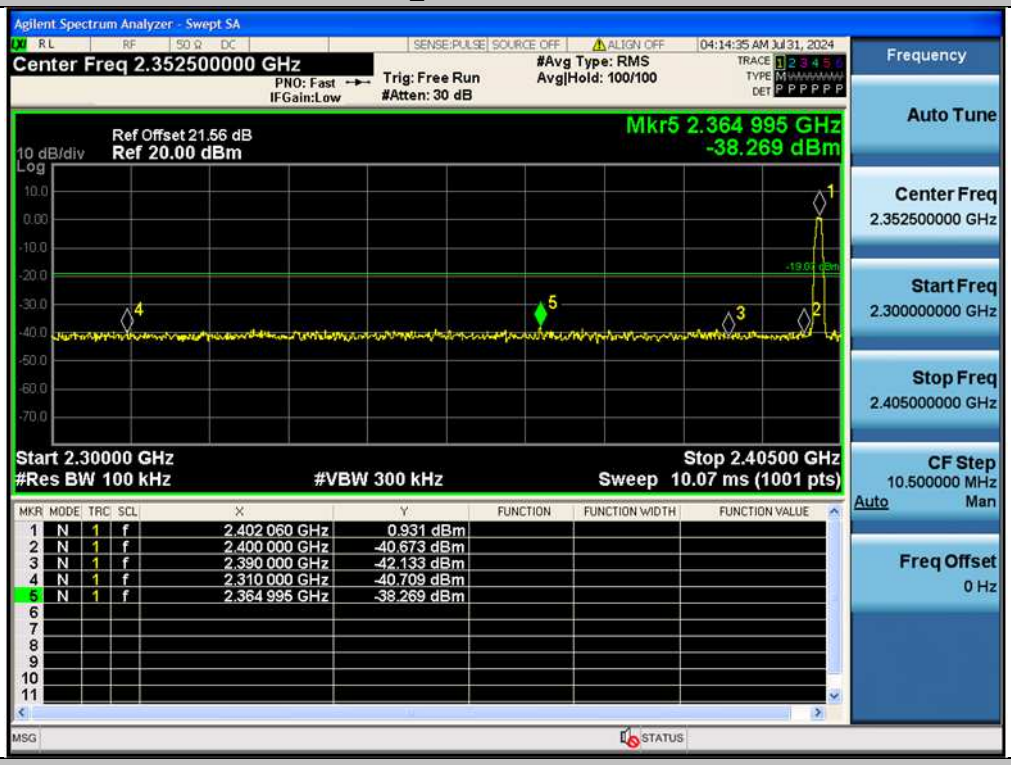
BLE_2M-Ant1-2480

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

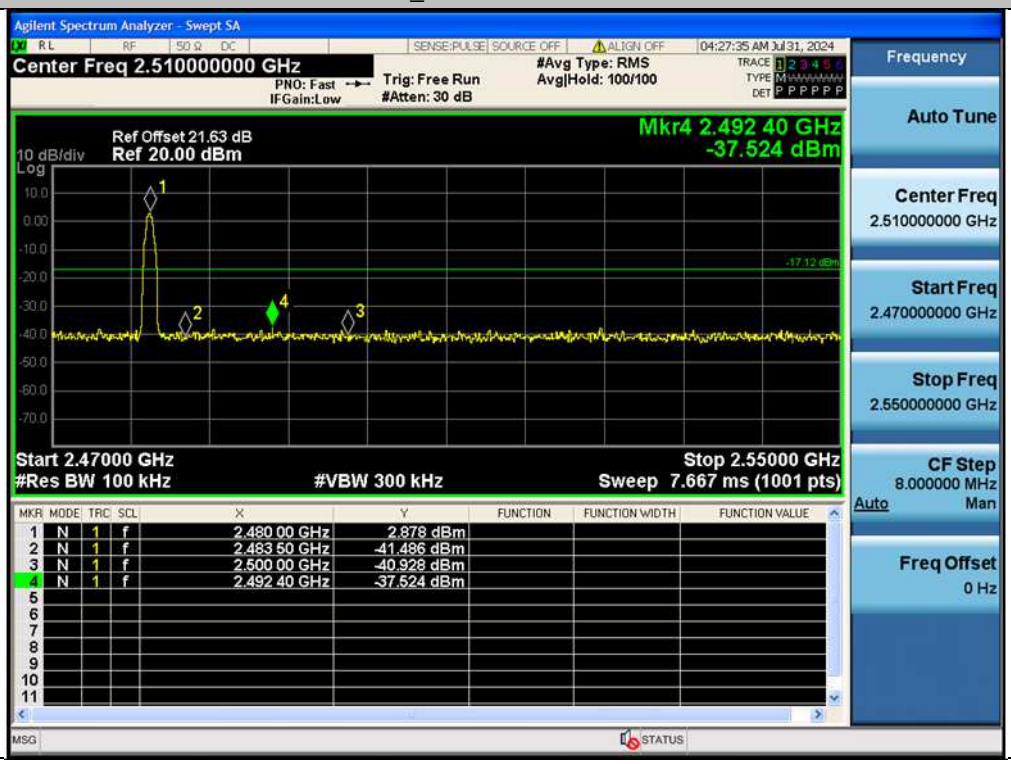
Band Edge

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	0.93	-38.27	≤-19.07	PASS
BLE_1M	Ant1	High	2480	2.88	-37.52	≤-17.12	PASS
BLE_2M	Ant1	Low	2402	0.31	-38.75	≤-19.69	PASS
BLE_2M	Ant1	High	2480	1.00	-37.09	≤-19	PASS

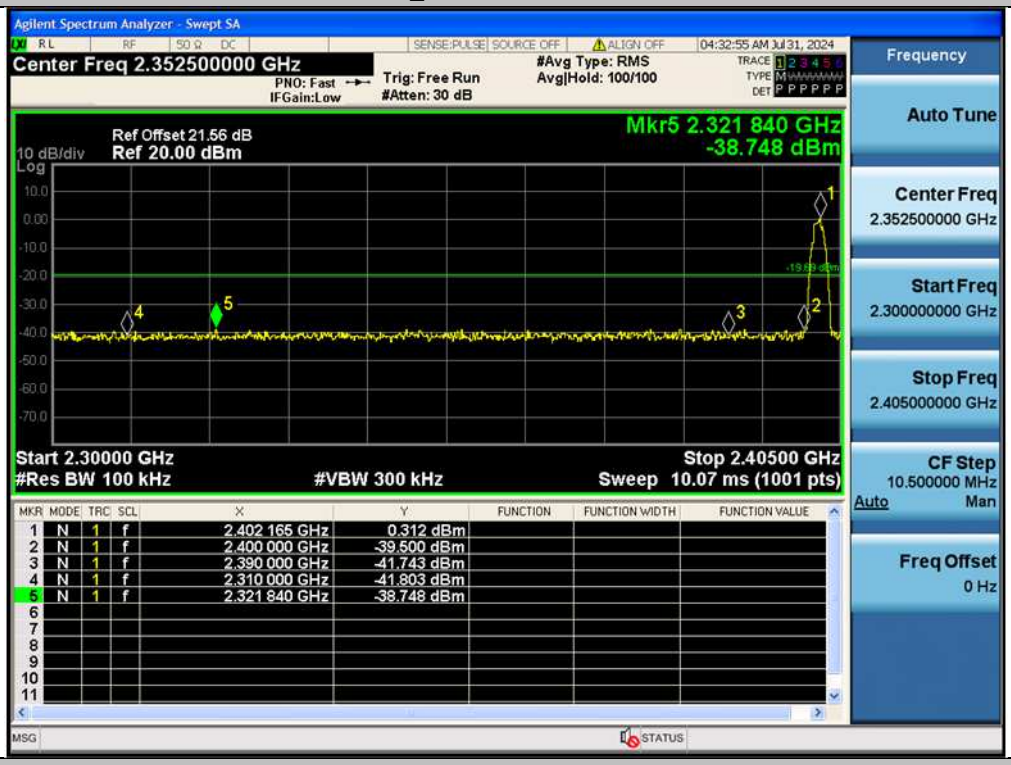
BLE_1M-Ant1-2402-PASS



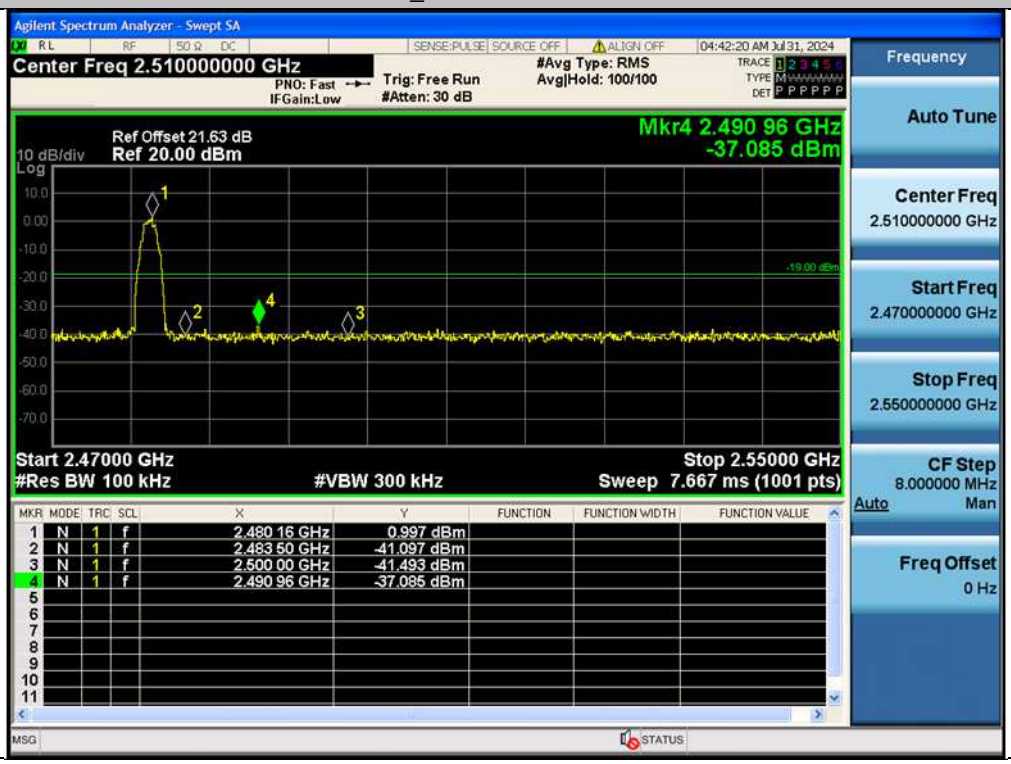
BLE_1M-Ant1-2480-PASS



BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2480-PASS

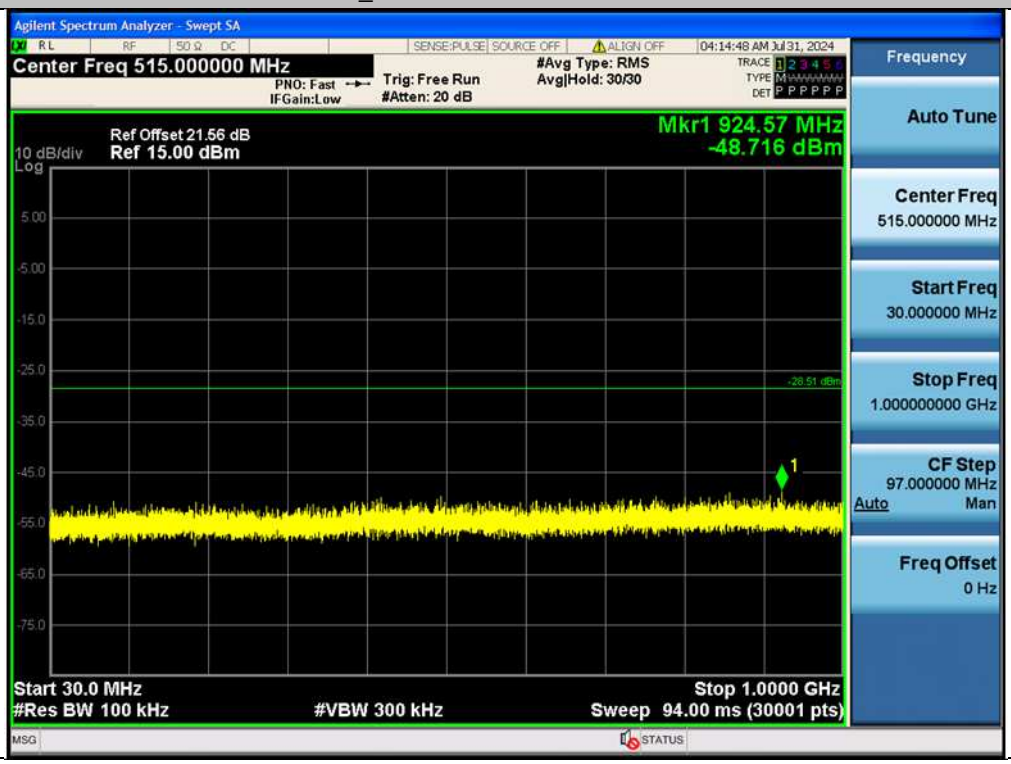


Conducted Spurious Emission

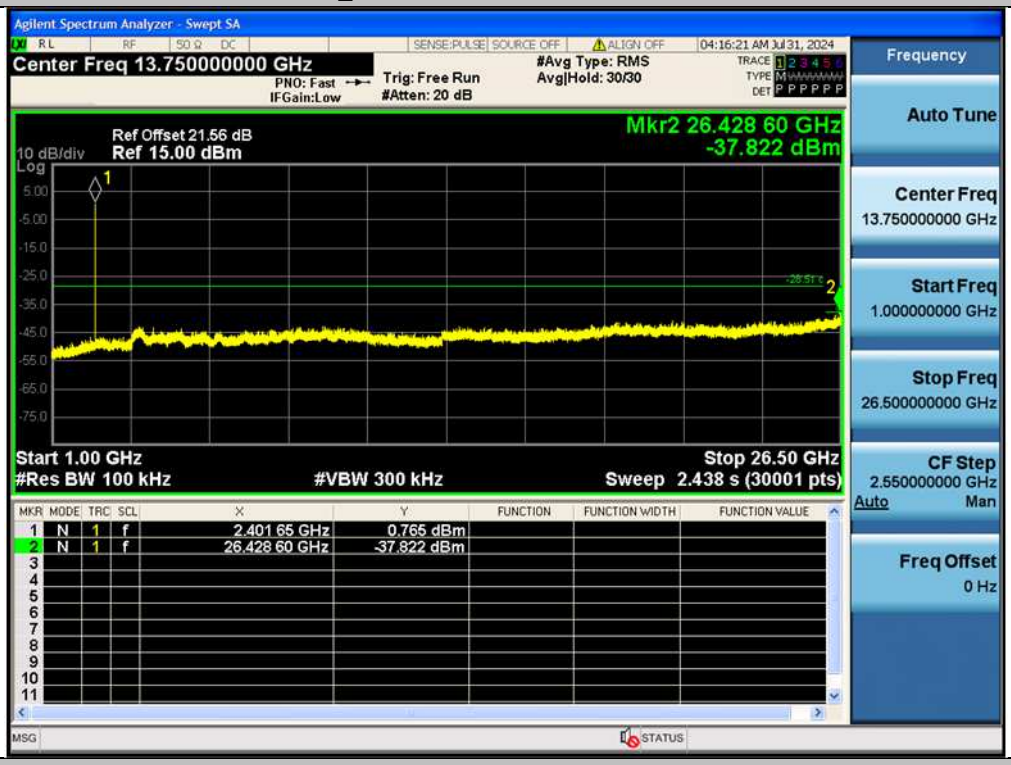
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	1.49	1.49	---	PASS
BLE_1M	Ant1	2402	30~1000	1.49	-48.72	≤-28.51	PASS
BLE_1M	Ant1	2402	1000~26500	1.49	-37.82	≤-28.51	PASS
BLE_1M	Ant1	2440	0~Reference	3.18	3.18	---	PASS
BLE_1M	Ant1	2440	30~1000	3.18	-49.67	≤-26.82	PASS
BLE_1M	Ant1	2440	1000~26500	3.18	-39.05	≤-26.82	PASS
BLE_1M	Ant1	2480	0~Reference	2.82	2.82	---	PASS
BLE_1M	Ant1	2480	30~1000	2.82	-48.97	≤-27.18	PASS
BLE_1M	Ant1	2480	1000~26500	2.82	-36.88	≤-27.18	PASS
BLE_2M	Ant1	2402	0~Reference	-0.40	-0.40	---	PASS
BLE_2M	Ant1	2402	30~1000	-0.40	-49.52	≤-30.4	PASS
BLE_2M	Ant1	2402	1000~26500	-0.40	-38.73	≤-30.4	PASS
BLE_2M	Ant1	2440	0~Reference	1.07	1.07	---	PASS
BLE_2M	Ant1	2440	30~1000	1.07	-48.88	≤-28.93	PASS
BLE_2M	Ant1	2440	1000~26500	1.07	-38.34	≤-28.93	PASS
BLE_2M	Ant1	2480	0~Reference	0.70	0.70	---	PASS
BLE_2M	Ant1	2480	30~1000	0.70	-49.37	≤-29.3	PASS
BLE_2M	Ant1	2480	1000~26500	0.70	-38.53	≤-29.3	PASS

BLE_1M-Ant1-2402-0~Reference-PASS

BLE_1M-Ant1-2402-30~1000-PASS

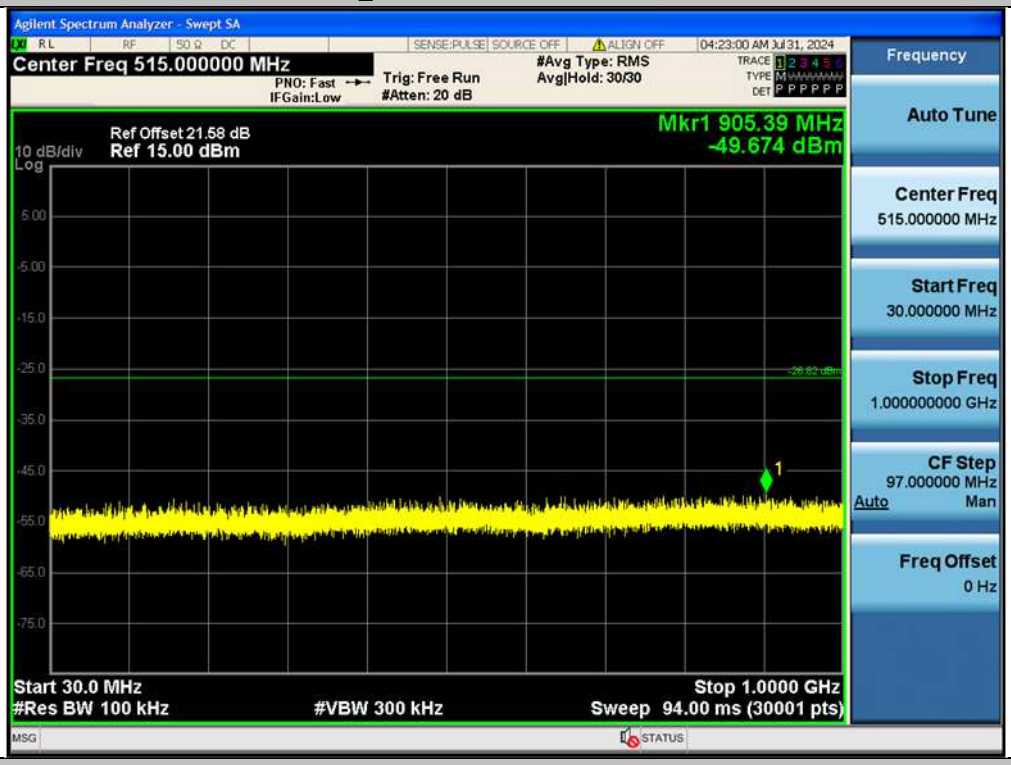


BLE_1M-Ant1-2402-1000~26500-PASS

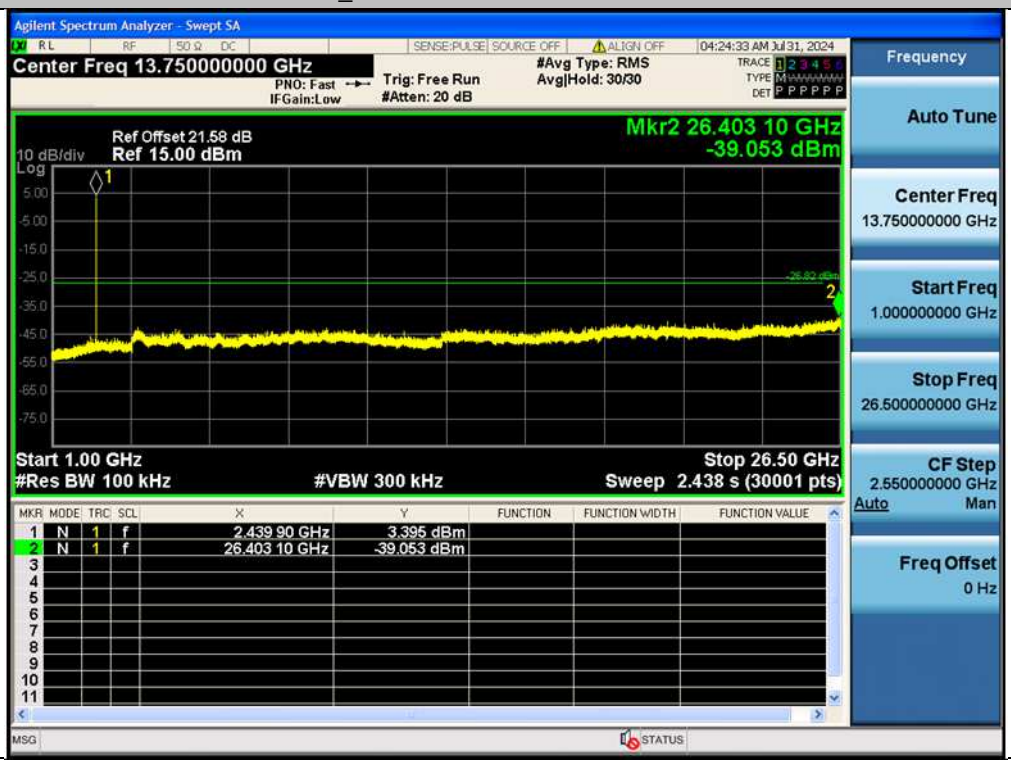


BLE_1M-Ant1-2440-0~Reference-PASS

BLE_1M-Ant1-2440-30~1000-PASS

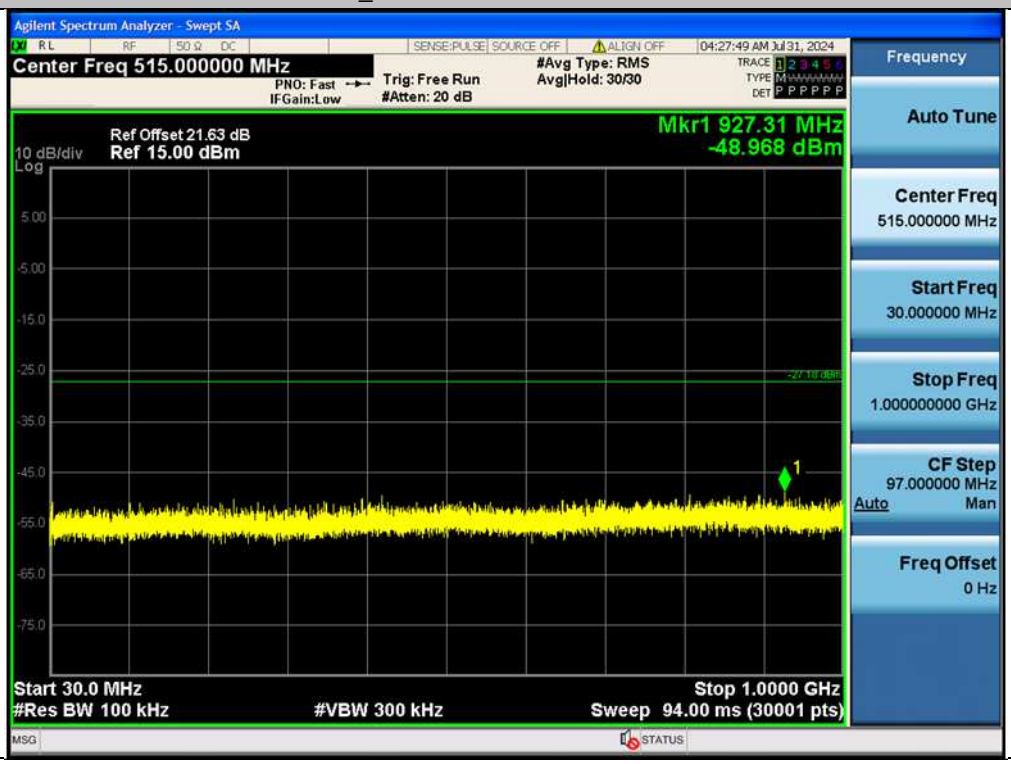


BLE_1M-Ant1-2440-1000~26500-PASS

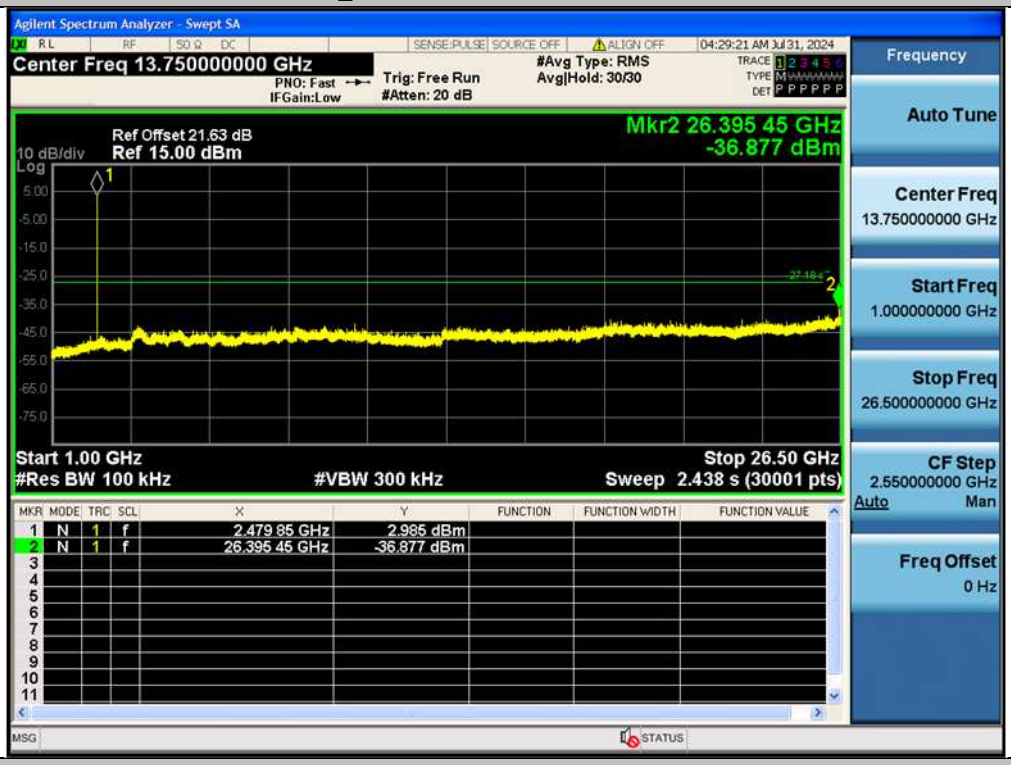


BLE_1M-Ant1-2480-0~Reference-PASS

BLE_1M-Ant1-2480-30~1000-PASS

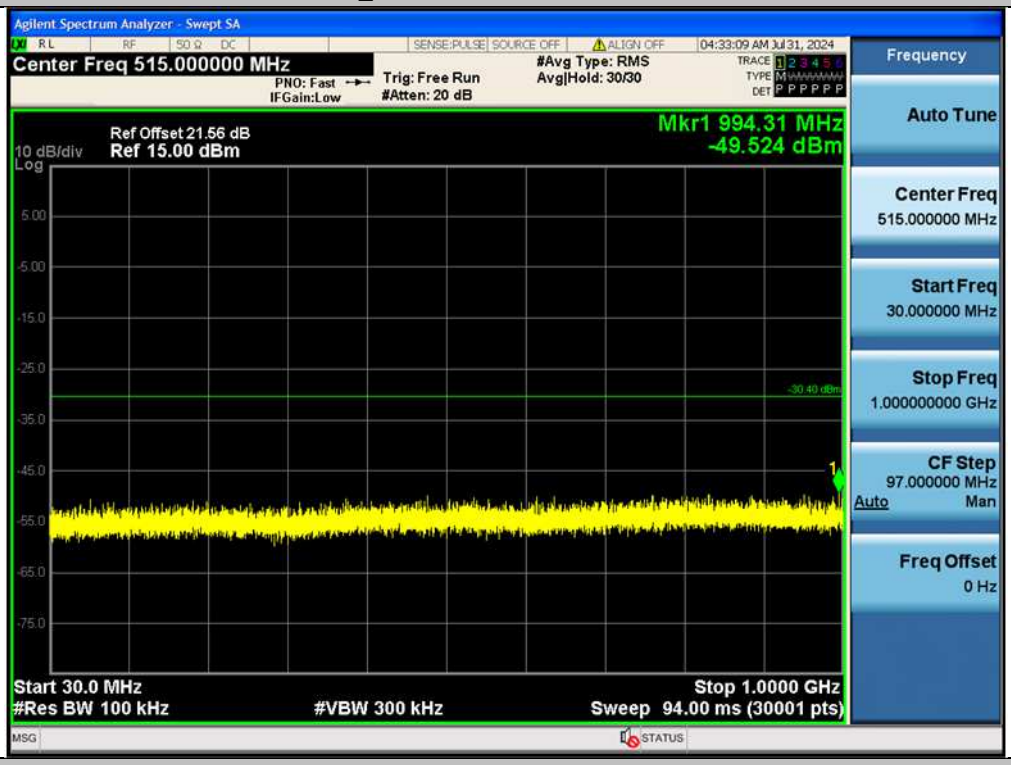


BLE_1M-Ant1-2480-1000~26500-PASS

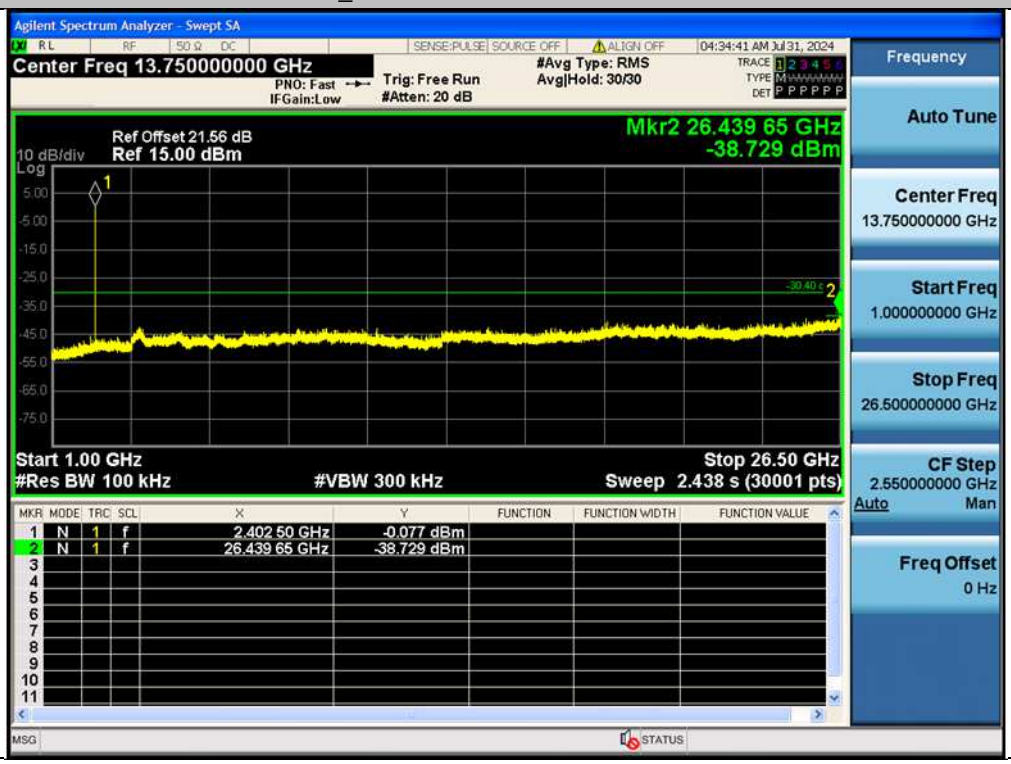


BLE_2M-Ant1-2402-0~Reference-PASS

BLE_2M-Ant1-2402-30~1000-PASS

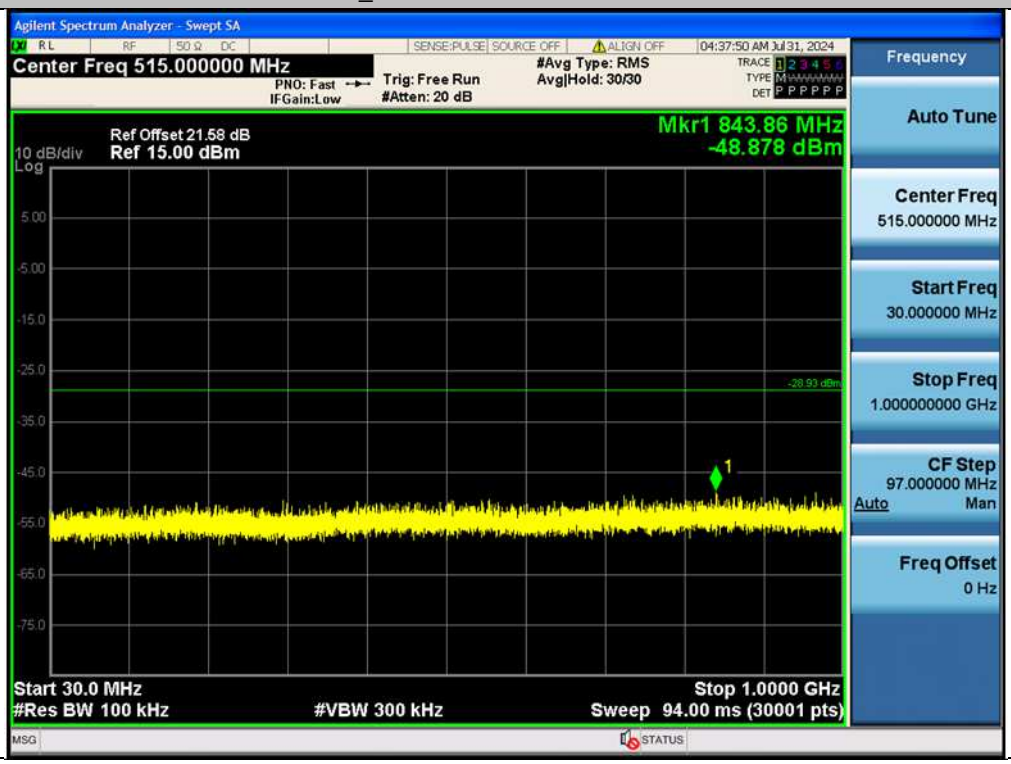


BLE_2M-Ant1-2402-1000~26500-PASS

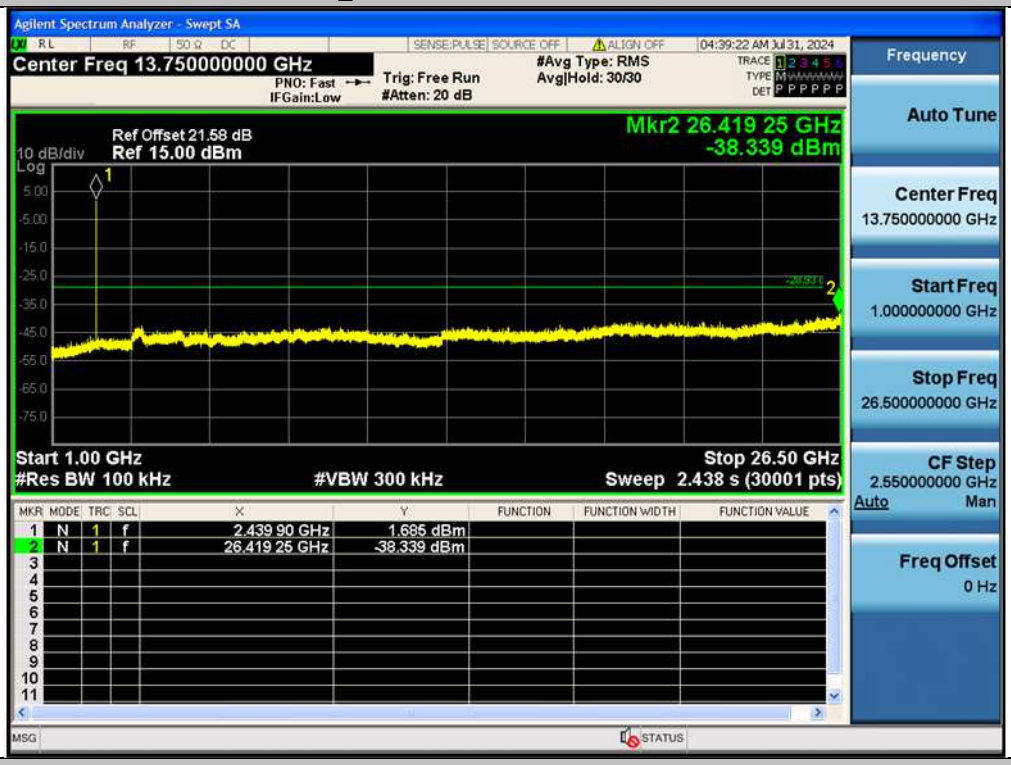


BLE_2M-Ant1-2440-0~Reference-PASS

BLE_2M-Ant1-2440-30~1000-PASS

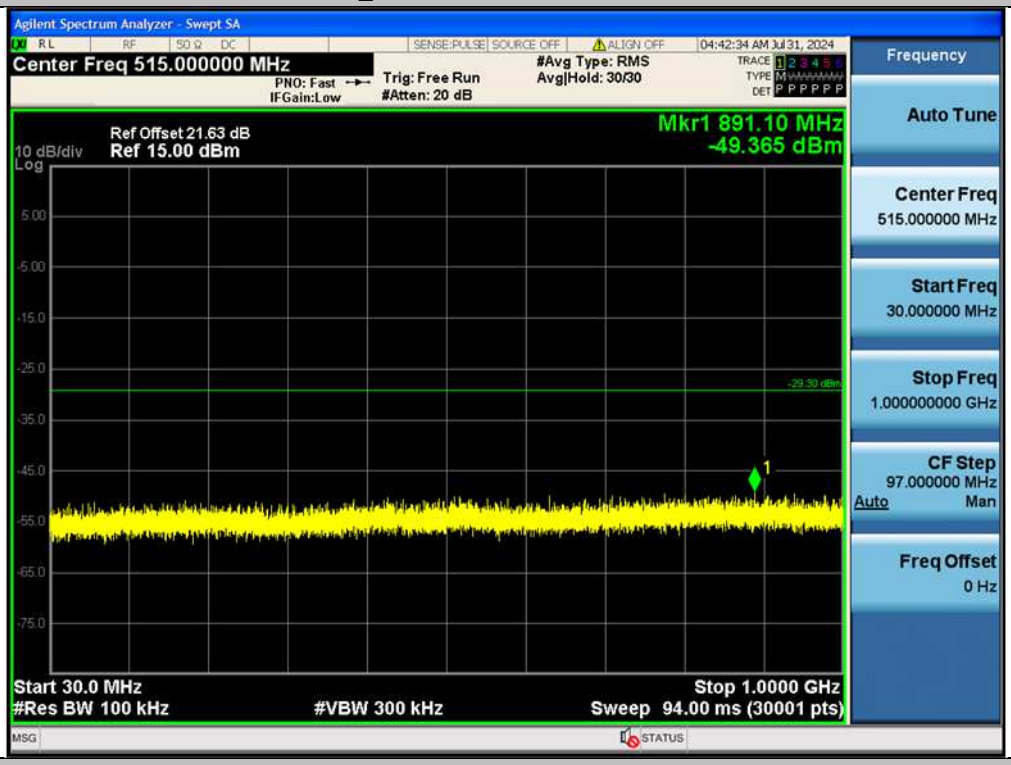


BLE_2M-Ant1-2440-1000~26500-PASS

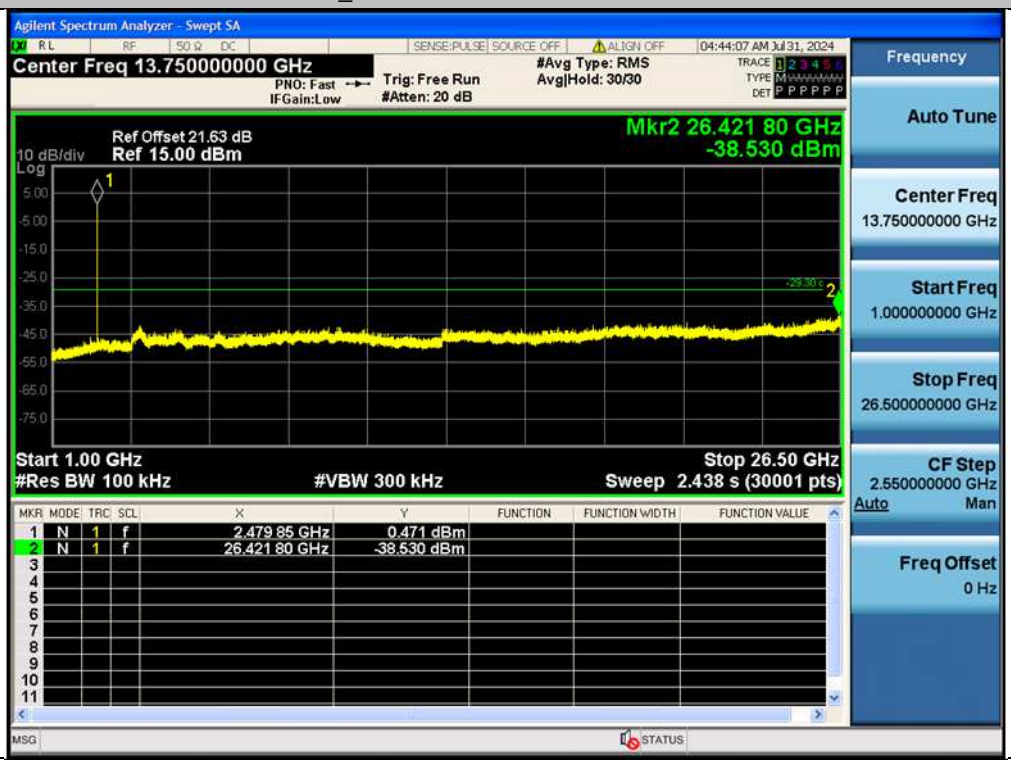


BLE_2M-Ant1-2480-0~Reference-PASS

BLE_2M-Ant1-2480-30~1000-PASS



BLE_2M-Ant1-2480-1000~26500-PASS

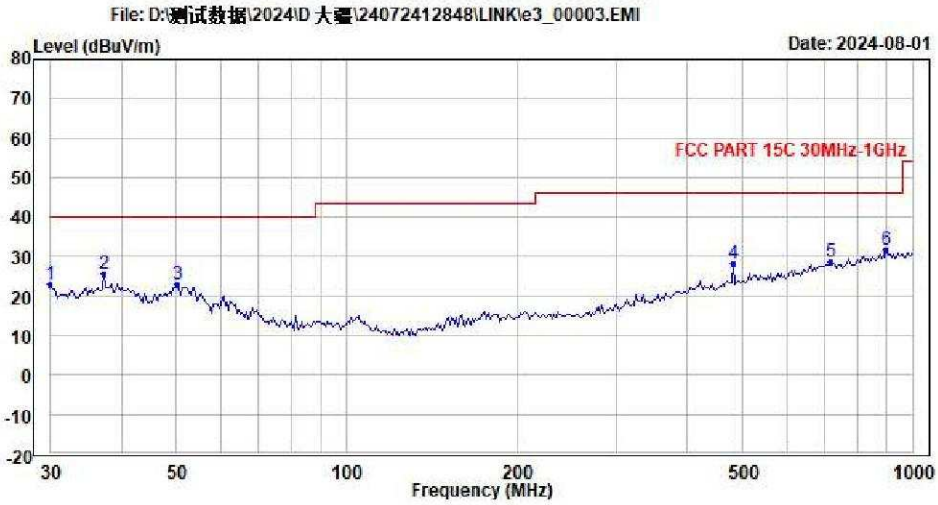


Appendix A.5: Test Results of Radiated Spurious Emissions

Note:
1) This testing was carried out on different modulations, but only the worst case was presented in this report.
2) 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.

30 MHz - 1GHz

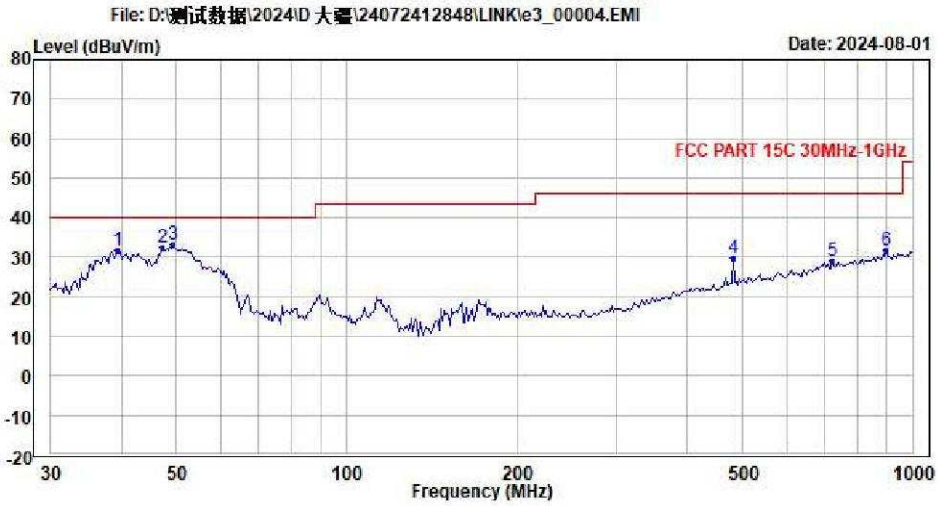
UnionTrust Shenzhen UnionTrust Quality and Technology Co., Ltd.



Condition : 3m Horizontal
Temp.(C)/Hum.(%): 25.4(C)/55.2(%)
Press : 100.2kpa
Product : DJI
Model No. : WIFI MODULE/DYS_WL2G4
Power Rating : DC
Test Engineer : Fire
Test Mode : BLE_LINK
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	30.000	22.92	27.00	24.20	0.00	0.62	28.90	40.00	-17.08	Peak
2 PP	37.302	25.58	32.66	21.01	0.00	0.81	28.90	40.00	-14.42	Peak
3	50.108	22.93	36.57	14.47	0.00	0.79	28.90	40.00	-17.07	Peak
4	481.511	28.36	31.42	24.23	0.00	2.03	29.32	46.00	-17.64	Peak
5	718.725	28.78	26.86	28.83	0.00	2.41	29.32	46.00	-17.22	Peak
6	899.958	31.56	26.83	31.00	0.00	2.78	29.05	46.00	-14.44	Peak

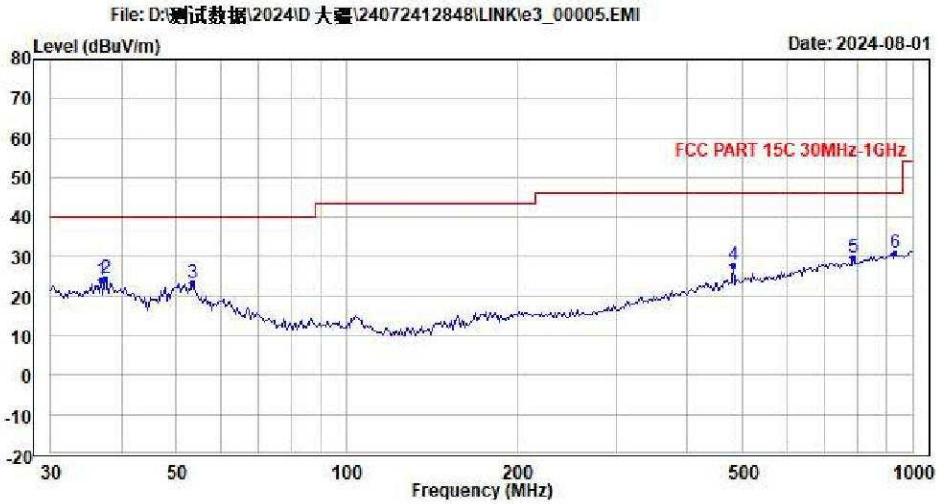
UnionTrust Shenzhen UnionTrust Quality and Technology Co., Ltd.



Condition : 3m Vertical
Temp.(C)/Hum.(%): 25.4(C)/55.2(%)
Press : 100.2kpa
Product : DJI
Model No. : WIFI MODULE/DYS_WL2G4
Power Rating : DC
Test Engineer : Fire
Test Mode : BLE_LINK
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	39.459	31.57	39.96	19.64	0.00	0.87	28.90	40.00	-8.43	Peak
2	47.369	32.40	45.40	15.09	0.00	0.81	28.90	40.00	-7.60	Peak
3 PP	49.409	33.06	46.48	14.68	0.00	0.80	28.90	40.00	-6.94	Peak
4	481.511	29.70	32.76	24.23	0.00	2.03	29.32	46.00	-16.30	Peak
5	723.793	28.97	26.98	28.88	0.00	2.42	29.31	46.00	-17.03	Peak
6	899.958	31.75	27.02	31.00	0.00	2.78	29.05	46.00	-14.25	Peak

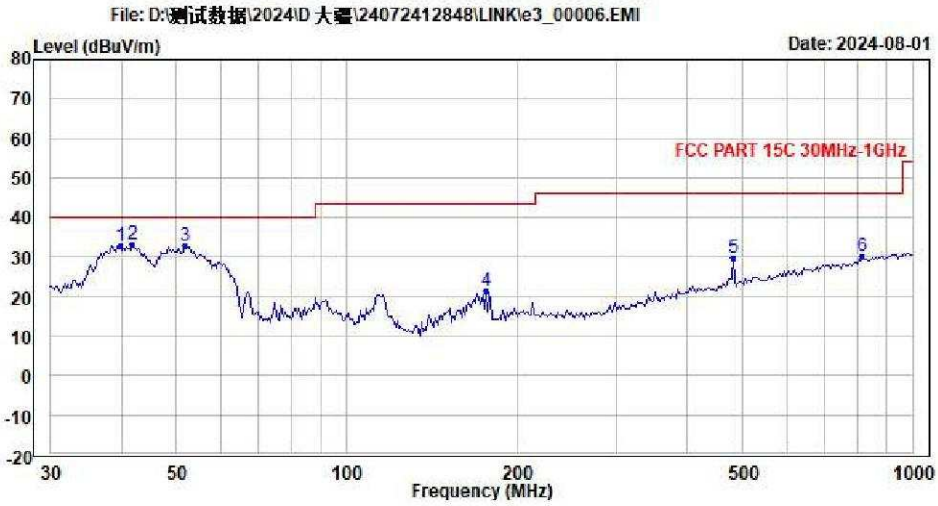
UnionTrust Shenzhen UnionTrust Quality and Technology Co., Ltd.



Condition : 3m Horizontal
Temp.(C)/Hum.(%): 25.4(C)/55.2(%)
Press : 100.2kpa
Product : DJI
Model No. : WIFI MODULE/DYS_WL2G4
Power Rating : DC
Test Engineer : Fire
Test Mode : 2M BLE_LINK
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	36.781	24.24	31.17	21.17	0.00	0.80	28.90	40.00	-15.76	Peak
2	37.565	24.34	31.49	20.93	0.00	0.82	28.90	40.00	-15.66	Peak
3	53.379	23.19	38.42	12.86	0.00	0.81	28.90	40.00	-16.81	Peak
4	481.511	27.78	30.84	24.23	0.00	2.03	29.32	46.00	-18.22	Peak
5	787.475	29.91	27.19	29.40	0.00	2.54	29.22	46.00	-16.09	Peak
6 PP	932.141	30.84	26.02	30.90	0.00	2.92	29.00	46.00	-15.16	Peak

UnionTrust Shenzhen UnionTrust Quality and Technology Co., Ltd.

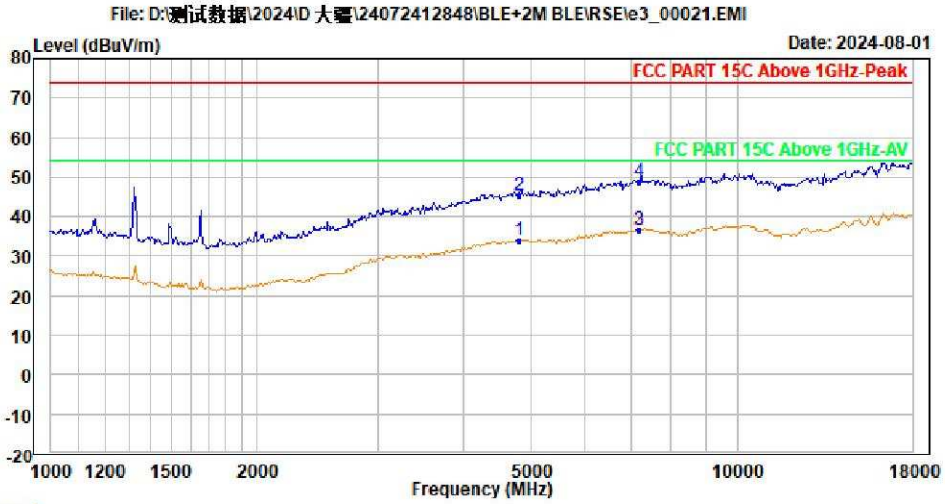


Condition : 3m Vertical
Temp.(C)/Hum.(%): 25.4(C)/55.2(%)
Press : 100.2kpa
Product : DJI
Model No. : WIFI MODULE/DYS_WL2G4
Power Rating : DC
Test Engineer : Fire
Test Mode : 2M BLE_LINK
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	39.737	32.97	41.64	19.36	0.00	0.87	28.90	40.00	-7.03	Peak
2 PP	41.741	33.04	42.43	18.65	0.00	0.86	28.90	40.00	-6.96	Peak
3	51.900	32.84	47.28	13.66	0.00	0.80	28.90	40.00	-7.16	Peak
4	176.275	21.46	33.00	16.10	0.00	1.34	28.98	43.50	-22.04	Peak
5	481.511	29.92	32.98	24.23	0.00	2.03	29.32	46.00	-16.08	Peak
6	815.635	30.20	26.75	30.03	0.00	2.60	29.18	46.00	-15.80	Peak

1GHz - 18GHz

UnionTrust Shenzhen UnionTrust Quality and Technology Co., Ltd.

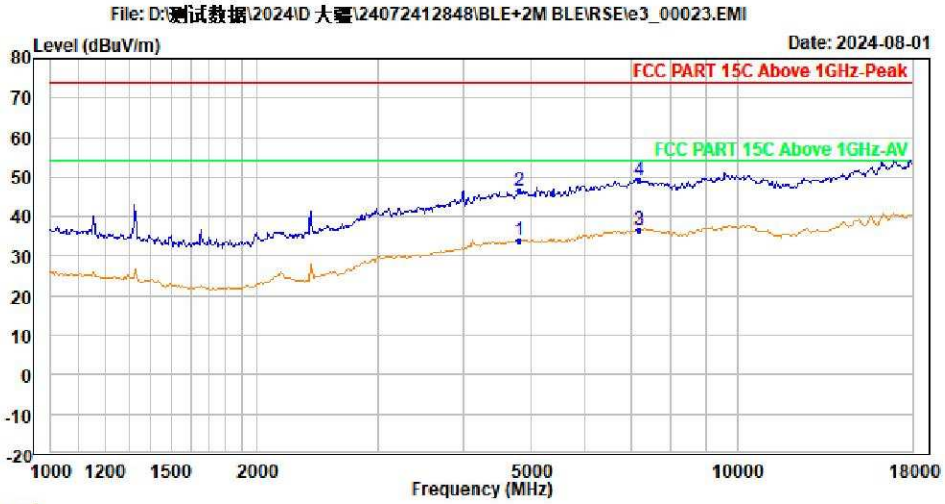


Trace: 1

Condition : 3m Horizontal
Temp.(C)/Hum.(%): 25.4(C)/55.2(%)
Press : 100.2kpa
Product : DJI
Model No. : WIFI MODULE/DYS_WL2G4
Power Rating : DC
Test Engineer : Fire
Test Mode : BLE_2402
Remark :

		Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
		MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1		4804.000	34.09	36.17	34.46	0.00	9.32	45.86	54.00	-19.91	Average
2		4804.000	45.47	47.55	34.46	0.00	9.32	45.86	74.00	-28.53	Peak
3	PP	7206.000	36.69	35.39	36.50	0.00	10.34	45.54	54.00	-17.31	Average
4	PK	7206.000	48.76	47.46	36.50	0.00	10.34	45.54	74.00	-25.24	Peak

UnionTrust Shenzhen UnionTrust Quality and Technology Co., Ltd.



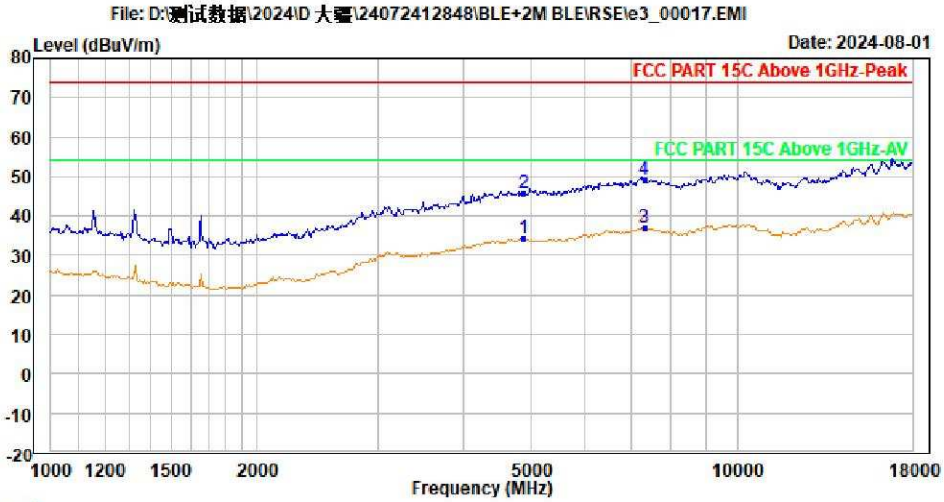
Trace: 1

Condition : 3m Vertical
Temp.(C)/Hum.(%): 25.4(C)/55.2(%)
Press : 100.2kpa
Product : DJI
Model No. : WIFI MODULE/DYS_WL2G4
Power Rating : DC
Test Engineer : Fire
Test Mode : BLE_2402
Remark :

		Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
		MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1		4804.000	34.00	36.08	34.46	0.00	9.32	45.86	54.00	-20.00	Average
2		4804.000	46.35	48.43	34.46	0.00	9.32	45.86	74.00	-27.65	Peak
3	PP	7206.000	36.76	35.46	36.50	0.00	10.34	45.54	54.00	-17.24	Average
4	PK	7206.000	49.03	47.73	36.50	0.00	10.34	45.54	74.00	-24.97	Peak

UnionTrust

Shenzhen UnionTrust Quality and Technology Co., Ltd.



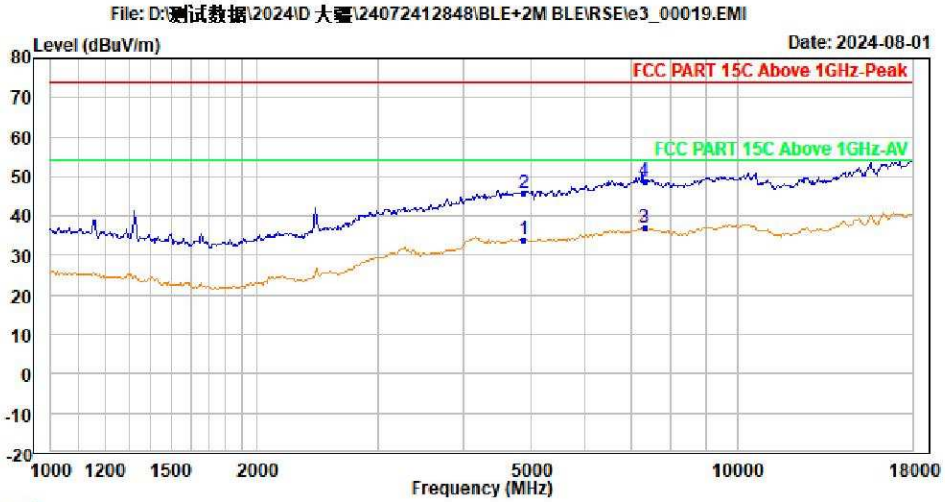
Trace: 1

```
Condition        : 3m Horizontal
Temp.(C)/Hum.(%): 25.4(C)/55.2(%)
Press            : 100.2kpa
Product          : DJI
Model No.        : WIFI MODULE/DYS_WL2G4
Power Rating     : DC
Test Engineer    : Fire
Test Mode        : BLE_2440
Remark           :
```

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	4880.000	34.30	36.35	34.48	0.00	9.35	45.88	54.00	-19.70	Average
2	4880.000	45.86	47.91	34.48	0.00	9.35	45.88	74.00	-28.14	Peak
3 PP	7320.000	36.89	35.58	36.50	0.00	10.37	45.56	54.00	-17.11	Average
4 PK	7320.000	49.35	48.04	36.50	0.00	10.37	45.56	74.00	-24.65	Peak

UnionTrust

Shenzhen UnionTrust Quality and Technology Co., Ltd.



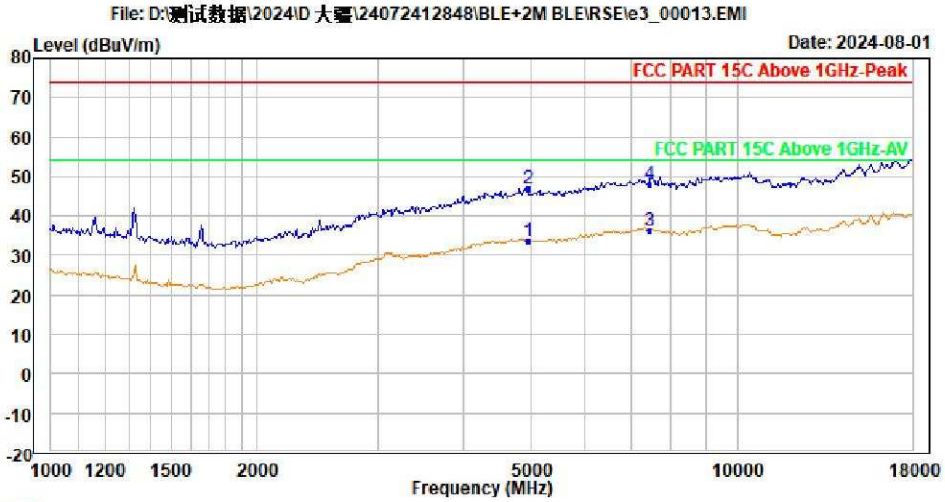
Trace: 1

Condition : 3m Vertical
Temp.(C)/Hum.(%): 25.4(C)/55.2(%)
Press : 100.2kpa
Product : DJI
Model No. : WIFI MODULE/DYS_WL2G4
Power Rating : DC
Test Engineer : Fire
Test Mode : BLE_2440
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	4880.000	33.96	36.01	34.48	0.00	9.35	45.88	54.00	-20.04	Average
2	4880.000	45.76	47.81	34.48	0.00	9.35	45.88	74.00	-28.24	Peak
3 PP	7320.000	36.89	35.58	36.50	0.00	10.37	45.56	54.00	-17.11	Average
4 PK	7320.000	48.92	47.61	36.50	0.00	10.37	45.56	74.00	-25.08	Peak

UnionTrust

Shenzhen UnionTrust Quality and Technology Co., Ltd.



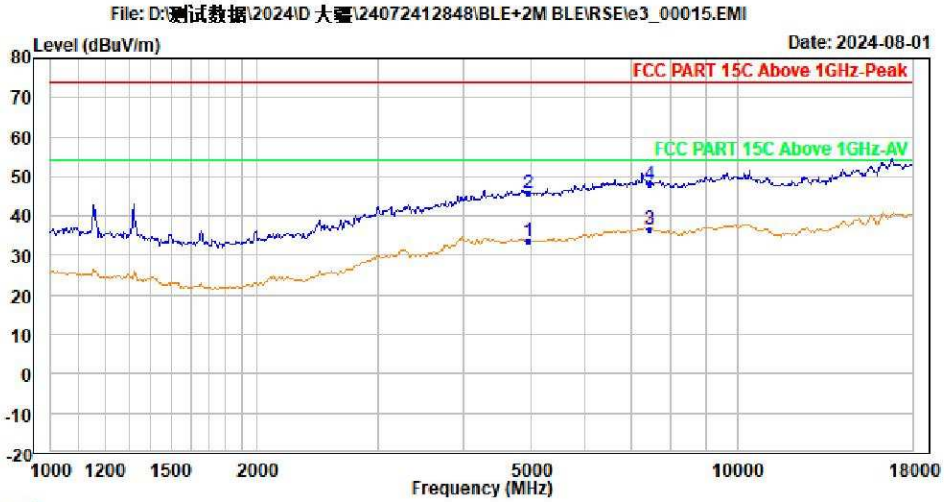
Trace: 1

Condition : 3m Horizontal
Temp.(C)/Hum.(%): 25.4(C)/55.2(%)
Press : 100.2kpa
Product : DJI
Model No. : WIFI MODULE/DYS_WL2G4
Power Rating : DC
Test Engineer : Fire
Test Mode : BLE_2480
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	4960.000	33.78	35.80	34.49	0.00	9.38	45.89	54.00	-20.22	Average
2	4960.000	46.91	48.93	34.49	0.00	9.38	45.89	74.00	-27.09	Peak
3 PP	7440.000	36.41	35.09	36.50	0.00	10.41	45.59	54.00	-17.59	Average
4 PK	7440.000	47.95	46.63	36.50	0.00	10.41	45.59	74.00	-26.05	Peak

UnionTrust

Shenzhen UnionTrust Quality and Technology Co., Ltd.



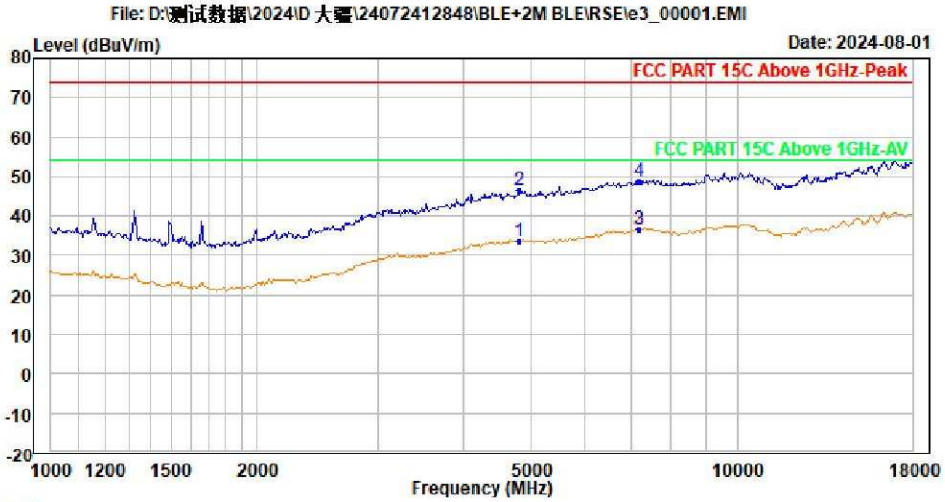
Trace: 1

Condition : 3m Vertical
Temp.(C)/Hum.(%): 25.4(C)/55.2(%)
Press : 100.2kpa
Product : DJI
Model No. : WIFI MODULE/DYS_WL2G4
Power Rating : DC
Test Engineer : Fire
Test Mode : BLE_2480
Remark :

		Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
		MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1		4960.000	33.73	35.75	34.49	0.00	9.38	45.89	54.00	-20.27	Average
2		4960.000	45.67	47.69	34.49	0.00	9.38	45.89	74.00	-28.33	Peak
3	PP	7440.000	36.54	35.22	36.50	0.00	10.41	45.59	54.00	-17.46	Average
4	PK	7440.000	48.11	46.79	36.50	0.00	10.41	45.59	74.00	-25.89	Peak

UnionTrust

Shenzhen UnionTrust Quality and Technology Co., Ltd.



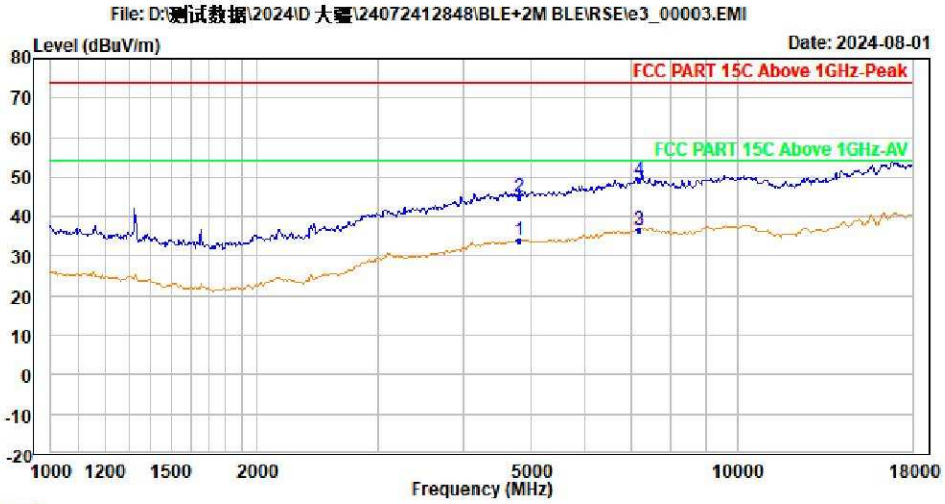
Trace: 1

```
Condition        : 3m Horizontal
Temp.(C)/Hum.(%): 25.4(C)/55.2(%)
Press            : 100.2kpa
Product          : DJI
Model No.        : WIFI MODULE/DYS_WL2G4
Power Rating     : DC
Test Engineer    : Fire
Test Mode        : 2M BLE_2402
Remark           :
```

		Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
		MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1		4804.000	33.77	35.85	34.46	0.00	9.32	45.86	54.00	-20.23	Average
2		4804.000	46.41	48.49	34.46	0.00	9.32	45.86	74.00	-27.59	Peak
3	PP	7206.000	36.66	35.36	36.50	0.00	10.34	45.54	54.00	-17.34	Average
4	PK	7206.000	48.88	47.58	36.50	0.00	10.34	45.54	74.00	-25.12	Peak

UnionTrust

Shenzhen UnionTrust Quality and Technology Co., Ltd.



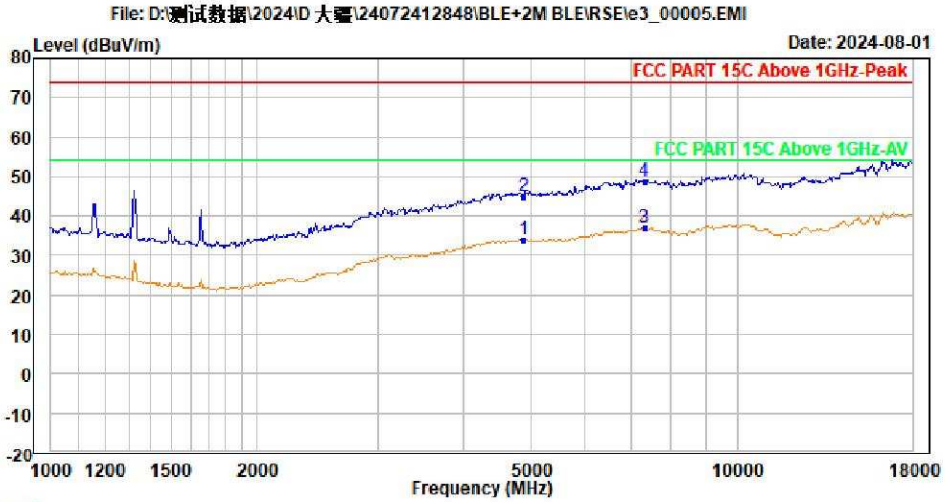
Trace: 1

Condition : 3m Vertical
Temp.(C)/Hum.(%): 25.4(C)/55.2(%)
Press : 100.2kpa
Product : DJI
Model No. : WIFI MODULE/DYS_WL2G4
Power Rating : DC
Test Engineer : Fire
Test Mode : 2M BLE_2402
Remark :

		Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
		MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1		4804.000	33.95	36.03	34.46	0.00	9.32	45.86	54.00	-20.05	Average
2		4804.000	45.07	47.15	34.46	0.00	9.32	45.86	74.00	-28.93	Peak
3	PP	7206.000	36.78	35.48	36.50	0.00	10.34	45.54	54.00	-17.22	Average
4	PK	7206.000	49.12	47.82	36.50	0.00	10.34	45.54	74.00	-24.88	Peak

UnionTrust

Shenzhen UnionTrust Quality and Technology Co., Ltd.



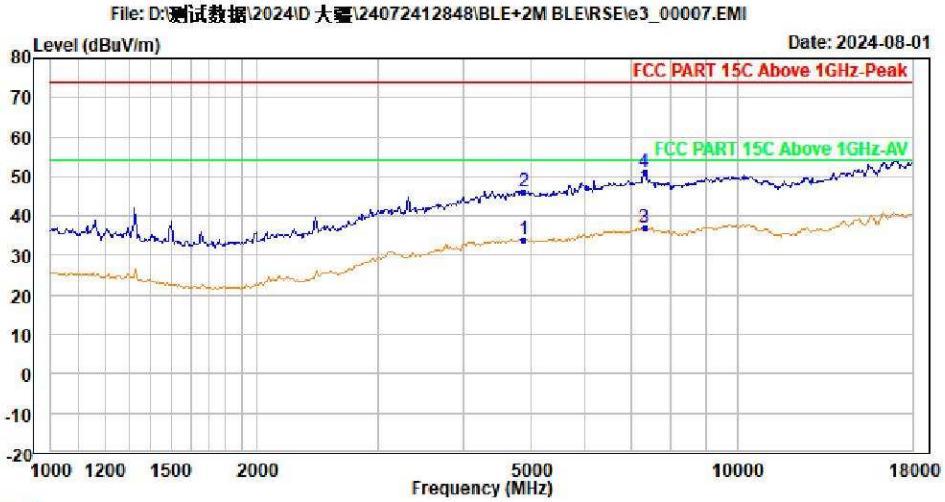
Trace: 1

```
Condition        : 3m Horizontal
Temp.(C)/Hum.(%): 25.4(C)/55.2(%)
Press            : 100.2kpa
Product          : DJI
Model No.        : WIFI MODULE/DYS_WL2G4
Power Rating     : DC
Test Engineer    : Fire
Test Mode        : 2M BLE_2440
Remark           :
```

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	4880.000	34.01	36.06	34.48	0.00	9.35	45.88	54.00	-19.99	Average
2	4880.000	45.11	47.16	34.48	0.00	9.35	45.88	74.00	-28.89	Peak
3 PP	7320.000	36.89	35.58	36.50	0.00	10.37	45.56	54.00	-17.11	Average
4 PK	7320.000	48.87	47.56	36.50	0.00	10.37	45.56	74.00	-25.13	Peak

UnionTrust

Shenzhen UnionTrust Quality and Technology Co., Ltd.



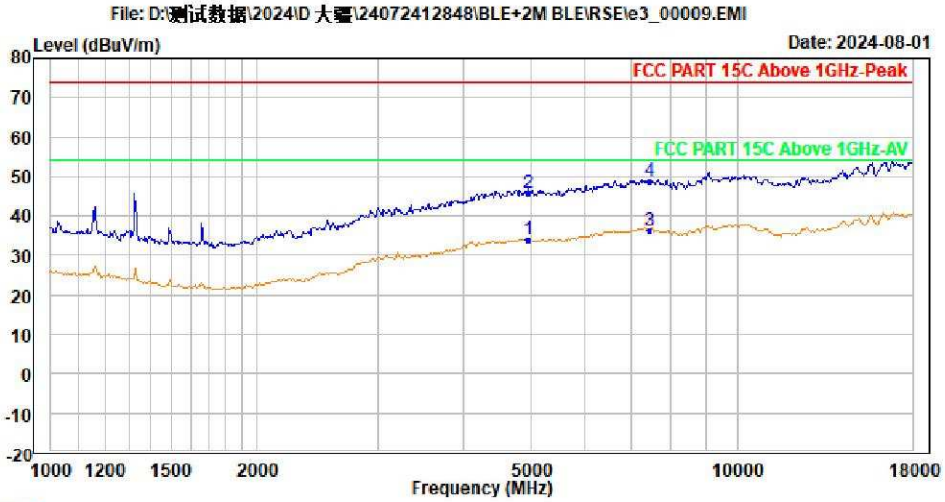
Trace: 1

Condition : 3m Vertical
Temp.(C)/Hum.(%): 25.4(C)/55.2(%)
Press : 100.2kpa
Product : DJI
Model No. : WIFI MODULE/DYS_WL2G4
Power Rating : DC
Test Engineer : Fire
Test Mode : 2M BLE_2440
Remark :

		Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
		MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1		4880.000	33.94	35.99	34.48	0.00	9.35	45.88	54.00	-20.06	Average
2		4880.000	45.99	48.04	34.48	0.00	9.35	45.88	74.00	-28.01	Peak
3	PP	7320.000	36.99	35.68	36.50	0.00	10.37	45.56	54.00	-17.01	Average
4	PK	7320.000	51.25	49.94	36.50	0.00	10.37	45.56	74.00	-22.75	Peak

UnionTrust

Shenzhen UnionTrust Quality and Technology Co., Ltd.



Trace: 1

```
Condition        : 3m Vertical
Temp.(C)/Hum.(%): 25.4(C)/55.2(%)
Press            : 100.2kpa
Product          : DJI
Model No.        : WIFI MODULE/DYS_WL2G4
Power Rating     : DC
Test Engineer    : Fire
Test Mode        : 2M BLE_2480
Remark           :
```

		Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
		MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1		4960.000	33.85	35.87	34.49	0.00	9.38	45.89	54.00	-20.15	Average
2		4960.000	45.82	47.84	34.49	0.00	9.38	45.89	74.00	-28.18	Peak
3	PP	7440.000	36.44	35.12	36.50	0.00	10.41	45.59	54.00	-17.56	Average
4	PK	7440.000	48.71	47.39	36.50	0.00	10.41	45.59	74.00	-25.29	Peak