

FCC PART 15.247

TEST REPORT

For

Pointguard AB

Ekeby Bruk 2N, SE-75263 Uppsala, Sweden

Tested Model: EP-BTM-ITOP-6
FCC ID: 2BG9Q-SBTDBT6

Report Type: Original Report		Product Name: Smartrig BT Dual Bluetooth Transceiver	
Report Number:		RSC240618001-0C	
Date of Report Issue:		2024-07-17	
Reviewed By:		Sula Huang	
Test Laboratory:		Bay Area Compliance Laboratories Corp. (Chengdu) No.5040, Huilongwan Plaza, No. 1, Shawan Road, Jinniu District, Chengdu, Sichuan, China Tel: +86-28-65525123 Fax: +86-28-65525125 www.baclcorp.com	

Note: BACL is not responsible for the authenticity of any test data or information provided by the applicant. Test data or information included from the applicant that may affect test results are marked with an asterisk "*". Do not include customer model name, addresses, names and trademarks.

This report cannot be reproduced except in full, without prior written approval of the company.

This report may contain data that are not covered by the NVLAP accreditation scope and shall be marked with an asterisk " * "

The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government.

TABLE OF CONTENTS

GENERAL INFORMATION	3
PRODUCT DESCRIPTION FOR EQUIPMENT UNDER TEST (EUT)	3
OBJECTIVE	3
RELATED SUBMITTAL(S)/GRANT(S).....	3
MEASUREMENT UNCERTAINTY	4
TEST METHODOLOGY	4
TEST FACILITY	4
SYSTEM TEST CONFIGURATION	5
DESCRIPTION OF TEST CONFIGURATION*	5
EQUIPMENT MODIFICATIONS	5
EUT EXERCISE SOFTWARE*	5
SUPPORT EQUIPMENT LIST AND DETAILS	7
EXTERNAL I/O CABLE	7
BLOCK DIAGRAM OF TEST SETUP	7
SUMMARY OF TEST RESULTS	9
TEST EQUIPMENTS LIST	10
FCC §15.203 - ANTENNA REQUIREMENT	13
APPLICABLE STANDARD	13
ANTENNA INFORMATION*	13
FCC §15.209, §15.205 & §15.247(d) - RADIATED SPURIOUS EMISSIONS	14
APPLICABLE STANDARD	14
EUT SETUP	14
EMI TEST RECEIVER & SPECTRUM ANALYZER SETUP	15
TEST PROCEDURE	16
CORRECTED AMPLITUDE & MARGIN CALCULATION	16
CONDUCTED SPURIOUS EMISSION AT ANTENNA PORT:	16
TEST SETUP BLOCK	17
TEST DATA	17
FCC §15.247(a) (2) – 6 dB EMISSION BANDWIDTH	41
APPLICABLE STANDARD	41
TEST PROCEDURE	41
TEST SETUP BLOCK	41
TEST DATA	42
FCC §15.247(b) (3) - MAXIMUM CONDUCTED OUTPUT POWER	44
APPLICABLE STANDARD	44
TEST PROCEDURE	44
TEST SETUP BLOCK	44
TEST DATA	45
FCC §15.247(d) – 100 kHz BANDWIDTH OF FREQUENCY BAND EDGE	47
APPLICABLE STANDARD	47
TEST PROCEDURE	47
TEST SETUP BLOCK	47
TEST DATA	47
FCC §15.247(e) - POWER SPECTRAL DENSITY	49
APPLICABLE STANDARD	49
TEST PROCEDURE	49
TEST SETUP BLOCK	49
TEST DATA	50

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Applicant	Pointguard AB
Address	Ekeby Bruk 2N, SE-75263 Uppsala, Sweden
Email	info@pointguard.se
Product	Smarttrig BT Dual Bluetooth Transceiver
Tested Model	EP-BTM-ITOP-6
FCC ID	2BG9Q-SBTDBT6
Frequency*	Bluetooth LE (1M): 2402-2480MHz
Modulation Type*	Bluetooth LE (1M): GFSK
RF output power	-1.58 dBm
Voltage Range	DC 5-24V(Typical:12V)
Measure approximately	99 mm (L) x 55 mm (W) x 18 mm (H)
Sample serial number	240618002/01 (RF Radiated Test) 240618002/02 (RF Conducted Test) (assigned by the BACL, Chengdu)
Sample/EUT Status	The test sample was in good condition and received: 2024-06-18

Note: Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Objective

This report is prepared on behalf of **Pointguard AB** in accordance with Part 2, Subpart J, Part 15, Subparts A and C of the Federal Communications Commission's rules.

The tests were performed in order to determine the compliance of the EUT with FCC Part 15 Subpart C, section 15.203, 15.205, 15.209 and 15.247 rules.

Related Submittal(s)/Grant(s)

FCC Part 15C DSS submissions with FCC ID: 2BG9Q-SBTDBT6

Measurement Uncertainty

Item		Measurement Uncertainty	U_{cispr}
Radiated Emission	9kHz-30MHz	4.48dB	-
	30MHz-200MHz	H	4.34dB
	30MHz-200MHz	V	4.59dB
	200MHz-1GHz	H	4.69dB
	200MHz-1GHz	V	5.79dB
	1GHz-6GHz	4.58dB	5.2dB
	6GHz-18GHz	4.58dB	5.5dB
	18GHz-40GHz	5.50dB	-

Item	Measurement Uncertainty
RF output power, conducted	$\pm 0.61\text{dB}$
Occupied Bandwidth	$\pm 1.69\%$
Power Spectrum Density, conducted	$\pm 2.52\text{dB}$
Humidity	$\pm 5\%$
Temperature	$\pm 1^\circ\text{C}$
Voltage(DC)	$\pm 0.4\%$
Time	1%

Note: The extended uncertainty given in this report is obtained by combining the standard uncertainty times the corresponding inclusion factor K when the inclusion probability is about 95%.

Test Methodology

All measurements contained in this report were conducted with:

1. ANSI C63.10-2020 American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices.
2. KDB558074 D01 15.247 Meas Guidance v05r02.

Test Facility

The test site used by Bay Area Compliance Laboratories Corp. (Chengdu) to collect test data is located No.5040, Huilongwan Plaza, No. 1, Shawan Road, Jinniu District, Chengdu, Sichuan, China.

Bay Area Compliance Laboratories Corp. (Chengdu) lab is accredited to ISO/IEC 17025 by NVLAP (Lab code: 600346-0) and the FCC designation No.: CN5056. The facility also complies with the radiated and AC line conducted test site criteria set forth in ANSI C63.4-2014.

SYSTEM TEST CONFIGURATION

Description of Test Configuration*

The system was configured in testing mode, which was provided by manufacturer.

For Bluetooth LE mode, 40 channels are provided for testing:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
0	2402	20	2442
1	2404	...	...
...	...	...	...
...	...	...	...
..	...	38	2478
19	2440	39	2480

EUT was tested with channel 0, 19 and 39.

Equipment Modifications

No modification was made to the EUT tested.

EUT Exercise Software*

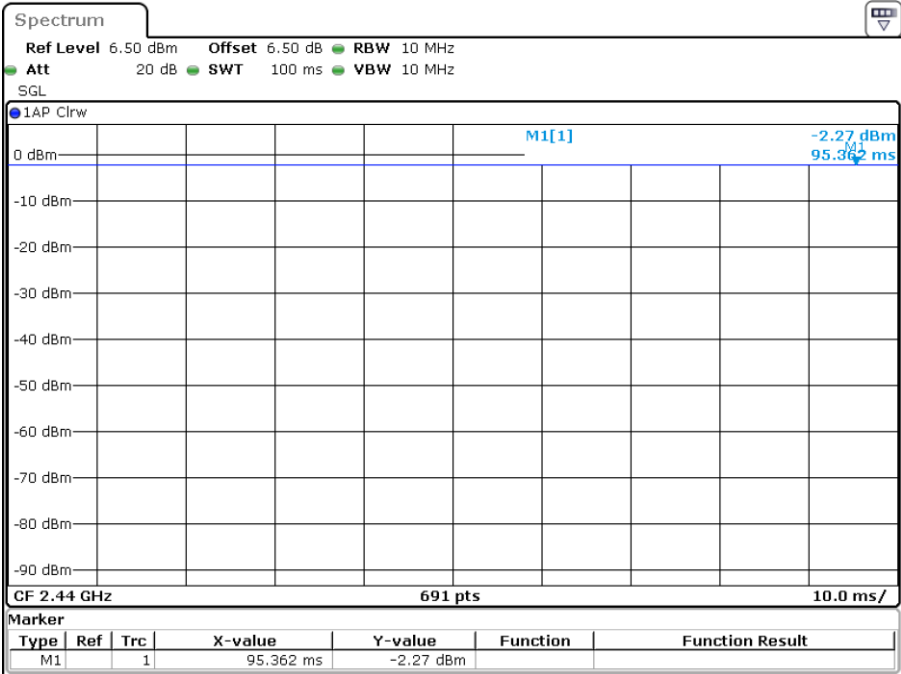
The setting by the software is as following table:

Test Mode	Test Software Version	BR BlueletSuite		
BLE (1M)	Test Frequency	2402MHz	2440MHz	2480MHz
	Data Rate	1Mbps	1Mbps	1Mbps
	Power Level	Default	Default	Default

Duty Cycle information is below:

Mode	T _{on}	T _p	1/T	Duty Cycle
	(ms)	(ms)	(kHz)	(%)
BLE (1M)	100	100	Any	100

Duty Cycle



Project:RSC240618001-0C Tester:Colin Jiang
Date: 26.JUN.2024 10:19:32

Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
Daihatsu	Active Power	SG-1000	CO-900042664
DELL	Laptop	E5430	BTXWLX1
Unknown	USB to TTL	No	No

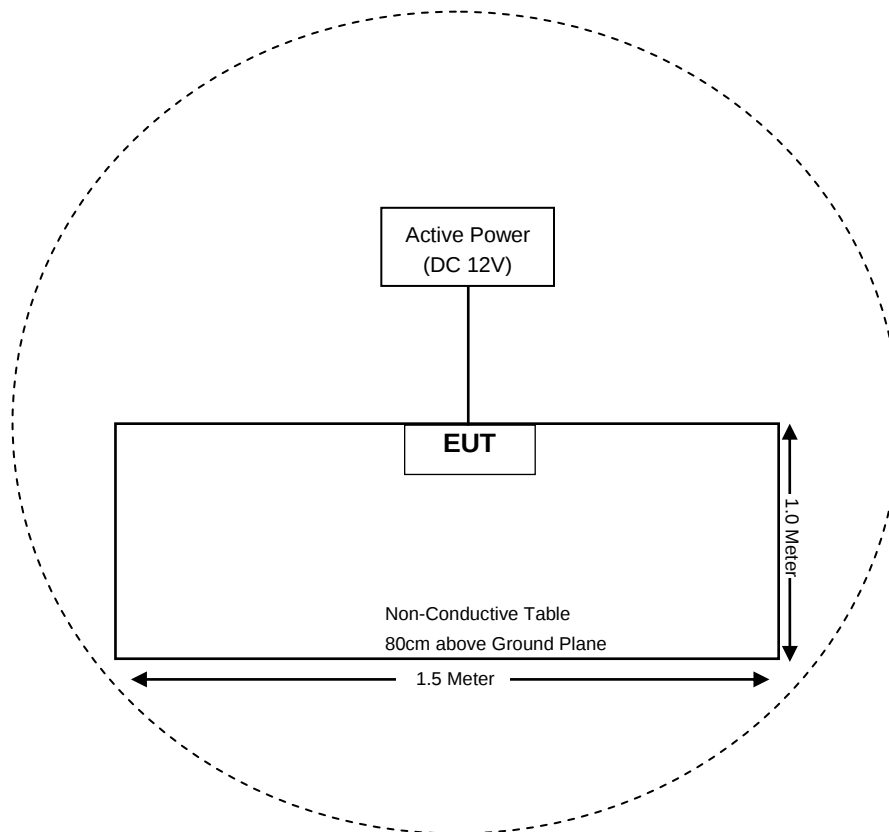
External I/O Cable

Cable Description	Length (m)	From	To
Unshielded DC Power Cable	1.8	Active Power	EUT

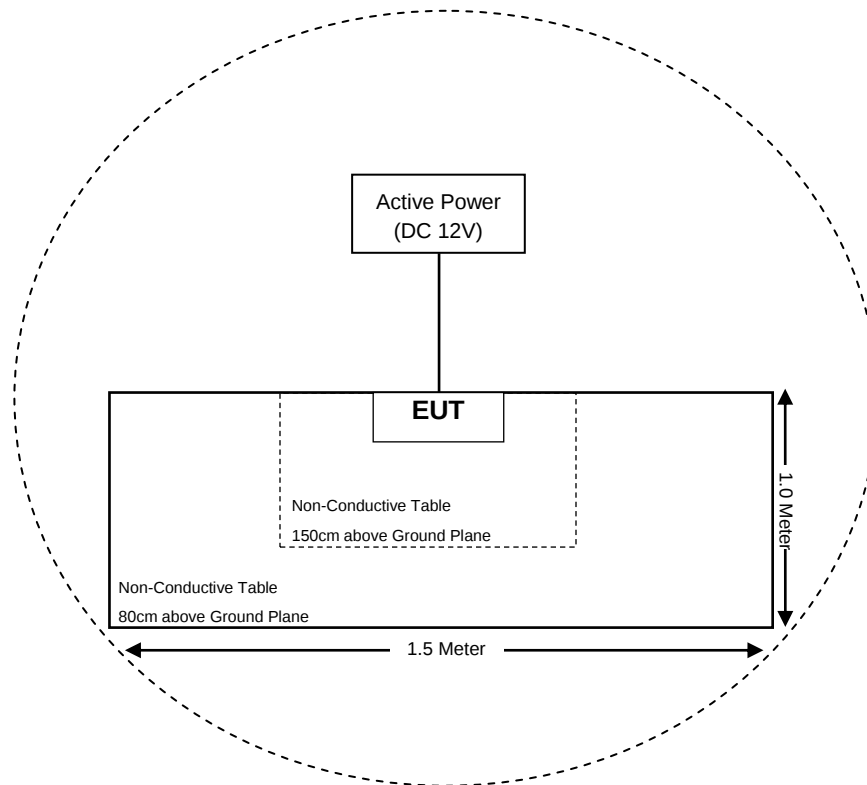
Block Diagram of Test Setup

Spurious Emissions

Below 1GHz:



Above 1GHz:



Note: When it was setup ok. The device can continuously transmitting after remove the fixture and the laptop.

SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Result
§15.247 & §1.1310 & §2.1091	Maximum Permissible Exposure	Compliance
§15.203	Antenna Requirement	Compliance
§15.207 (a)	AC Line Conducted Emissions	Not Applicable
§15.205, §15.209, §15.247(d)	Raidated Spurious Emissions	Compliance
§15.247(d)	Conducted Spurious Emissions at Antenna Terminal	Compliance
§15.247 (a)(2)	6 dB Emission Bandwidth	Compliance
§15.247(b)(3)	Maximum conducted output power	Compliance
§15.247(d)	100 kHz Bandwidth of Frequency Band Edge	Compliance
§15.247(e)	Power Spectral Density	Compliance

Not Applicable: The device is vehicle use.

Note: Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.

TEST EQUIPMENTS LIST

Manufacturer	Description	Model Number	Serial Number	Calibration Date	Calibration Due Date
Radiated Emissions (9kHz-30MHz)					
EMCT	Semi-Anechoic Chamber	966	001	2023-04-15	2028-04-14
Rohde & Schwarz	EMI Test Receiver	ESR3	102456	2024-04-11	2025-04-10
BACL CORP	Active Loop Antenna	1313-1A	4031411	2024-05-20	2025-05-19
Xin Hang Xun Wei Bo	RF Cable (Below 1GHz)	XH500A-N/J-N/J-2M-A	T-E271	2023-11-30	2024-11-29
Xin Hang Xun Wei Bo	RF Cable (Below 1GHz)	XH500A-N/J-N/J-7M-A	T-E268	2023-11-30	2024-11-29
Rohde & Schwarz	EMC32	EMC32	V9.10.00	NCR	NCR
Radiated Emissions (30MHz-1GHz)					
EMCT	Semi-Anechoic Chamber	966	001	2023-04-15	2028-04-14
SONOMA INSTRUMENT	Pre-Amplifier	310 N	186684	2023-08-08	2024-08-07
SUNOL SCIENCES	Broadband Antenna	JB3	A121808	2024-01-24	2025-01-23
INMET	Attenuator	18N-6dB	64671	2024-01-24	2025-01-23
Rohde & Schwarz	EMI Test Receiver	ESR3	102456	2024-04-11	2025-04-10
HUBER+SUHENER	RF Cable (Below 1GHz)	L-E-015	MY4345/EA	2023-11-30	2024-11-29
Xin Hang Xun Wei Bo	RF Cable (Below 1GHz)	XH500A-N/J-N/J-2M-A	T-E271	2023-11-30	2024-11-29
Xin Hang Xun Wei Bo	RF Cable (Below 1GHz)	XH500A-N/J-N/J-7M-A	T-E268	2023-11-30	2024-11-29
Rohde & Schwarz	EMC32	EMC32	V9.10.00	NCR	NCR
Radiated Emissions (1GHz-18GHz)					
EMCT	Semi-Anechoic Chamber	966	001	2023-04-15	2028-04-14
Rohde & Schwarz	Spectrum Analyzer	FSU26	200835	2024-04-11	2025-04-10
ETS	Horn Antenna	3115	003-6076	2023-08-16	2024-08-15
A.H. Systems, inc.	Pre-Amplifier	PAM-0118P	509	2023-11-11	2024-11-10
MICRO-TRONICS	2.4GHz Notch Filter	BRM50702	G396	2024-05-18	2025-05-17
Xin Hang Xun Wei Bo	RF Cable (Above 1GHz)	XH500A-SMA/J-N/J-2M-A	L-E-016	2024-01-05	2025-01-04
Xin Hang Xun Wei Bo	RF Cable (Above 1GHz)	XH500A-SMA/J-N/J-5M-A	L-E-017	2024-01-05	2025-01-04
Rohde & Schwarz	EMC32	EMC32	V9.10.00	NCR	NCR

Manufacturer	Description	Model Number	Serial Number	Calibration Date	Calibration Due Date
Radiated Emissions (18GHz-25GHz)					
EMCT	Semi-Anechoic Chamber	966	001	2023-04-15	2028-04-14
Rohde & Schwarz	Signal Analyzer	FSV40	101943	2024-04-10	2025-04-09
A.H.Systems,inc	Horn Antenna	SAS-574	505	2023-08-14	2024-08-13
EM Electronics Corporation	Pre-Amplifier	EM18G40	060725	2024-04-10	2025-04-09
HUBER+SUHNER	RF Cable (Above 18GHz)	T-E222	25551/2	2023-10-16	2024-10-15
Rohde & Schwarz	EMC32	EMC32	V9.10.00	NCR	NCR
RF Conducted Test					
Rohde & Schwarz	Signal Analyzer	FSV40	101943	2023-05-12	2024-05-11
MIDWEST	6dB Attenuator	219	AA4305	2024-03-01	2025-03-01
Astrolab	RF Coaxial Cable	MINIREND-5	1206	2023-10-18	2024-10-17
FLUKE	Multimeter	FLUKE 1587	27870099	2023-04-12	2024-04-11

Statement of Traceability: Bay Area Compliance Laboratories Corp. (Chengdu) attests that all calibrations have been performed in accordance to requirements that traceable to National Primary Standards and International System of Units (SI).

FCC §15.247 & §1.1310 & §2.1091 - MAXIMUM PERMISSIBLE EXPOSURE

Applicable Standard

According to subpart 15.247 and subpart §1.1310, systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

Limits for Maximum Permissible Exposure (MPE) (§1.1310, §2.1091)

(B) Limits for General Population/Uncontrolled Exposure				
Frequency Range (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Power Density (mW/cm ²)	Averaging Time (minutes)
0.3–1.34	614	1.63	*(100)	30
1.34–30	824/f	2.19/f	*(180/f ²)	30
30–300	27.5	0.073	0.2	30
300–1500	/	/	f/1500	30
1500–100,000	/	/	1.0	30

f = frequency in MHz; * = Plane-wave equivalent power density;

According to §1.1310 and §2.1091 RF exposure is calculated.

Per 447498 D01 General RF Exposure Guidance v06, simultaneous transmission MPE test exclusion applies when the sum of the MPE for all simultaneous transmitting antennas incorporated in a host device, based on the calculated/estimated, numerically modeled or measured field strengths or power density, is ≤ 1.0 .

Calculated Formulary:

Predication of MPE limit at a given distance

$$S = PG/4\pi R^2$$

Where:

S = power density (in appropriate units, e.g. mW/cm²);

P = power input to the antenna (in appropriate units, e.g., mW);

G = power gain of the antenna in the direction of interest relative to an isotropic radiator, the power gain factor, is normally numeric gain;

R = distance to the center of radiation of the antenna (appropriate units, e.g., cm);

Mode	Frequency Range (MHz)	Antenna Gain		Tune-up Conducted Power		Evaluation Distance (cm)	Power Density (mW/cm ²)	MPE Limit (mW/cm ²)
		(dBi)	(numeric)	(dBm)	(mW)			
BLE (1M)	2402-2480	1.32	1.36	-1.0	0.79	20	0.0002	1.0

Note: Bluetooth and BLE can't support transmission simultaneously.

Result: The device meets RF exposure evaluation at ≥ 20 cm distance.

FCC §15.203 - ANTENNA REQUIREMENT

Applicable Standard

According to § 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the user of a standard antenna jack or electrical connector is prohibited. The structure and application of the EUT were analyzed to determine compliance with section §15.203 of the rules. §15.203 state that the subject device must meet the following criteria:

- a. Antenna must be permanently attached to the unit.
 - b. Antenna must use a unique type of connector to attach to the EUT.
- Unit must be professionally installed, and installer shall be responsible for verifying that the correct antenna is employed with the unit.

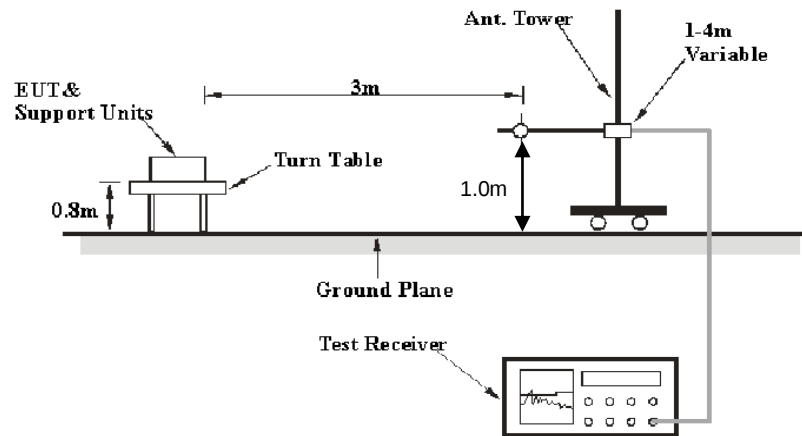
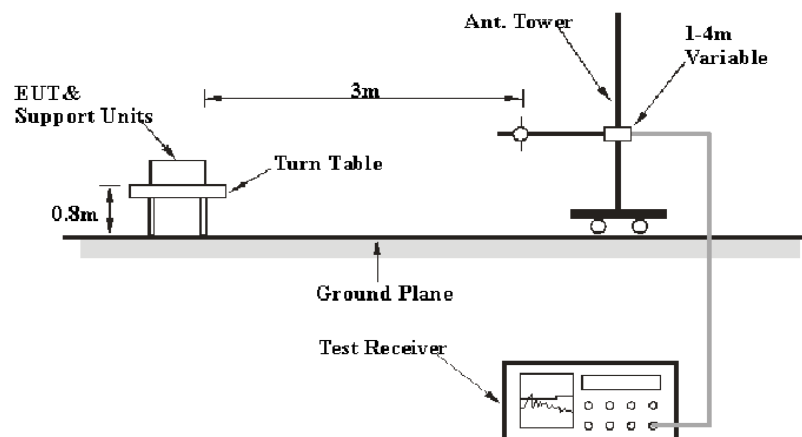
Antenna Information*

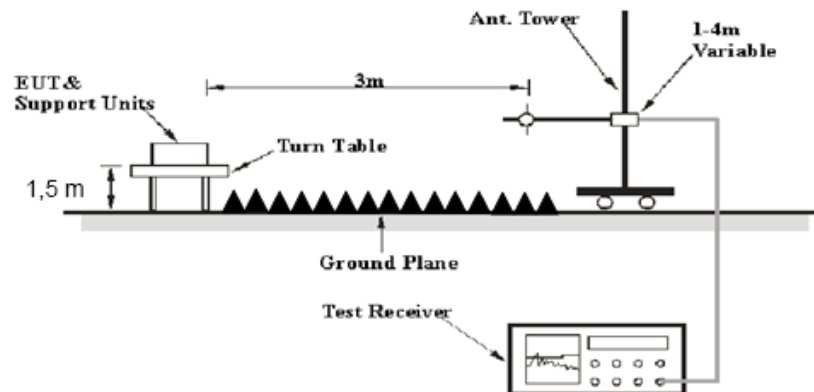
The EUT has one integrated antenna and the maximum antenna gain is 1.32dBi, which fulfill the requirement of this section. Please refer to the EUT photos.

Result: Compliance

FCC §15.209, §15.205 & §15.247(d) - RADIATED SPURIOUS EMISSIONS**Applicable Standard**

FCC §15.247 (d); §15.209; §15.205;

EUT Setup**9kHz - 30MHz:****30MHz - 1GHz:**

Above 1GHz:

The radiated emission tests were performed in the 3 meters chamber test site, using the setup accordance with the ANSI C63.10-2020. The specification used was the FCC 15.209, and FCC 15.247 limits.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

The spacing between the peripherals was 10 cm.

EMI Test Receiver & Spectrum Analyzer Setup

The system was investigated from 9 kHz to 25 GHz.

During the radiated emission test, the EMI test receiver Setup or Spectrum Analyzer was set with the following configurations:

Frequency Range	RBW	Video B/W	Duty Cycle	Measurement
9 kHz – 90 kHz	200 Hz	1 kHz	/	AV
90 kHz – 110 kHz	200 Hz	1 kHz	/	QP
110 kHz – 150 kHz	200 Hz	1 kHz	/	AV
150 kHz – 490 kHz	9 kHz	30 kHz	/	AV
490 kHz – 30 MHz	9 kHz	30 kHz	/	QP
30 MHz – 1000 MHz	120 kHz	300 kHz	/	QP
Above 1 GHz	1 MHz	3 MHz	Any	PK
	1 MHz	10 Hz	>98%	AV
	1 MHz	1/T	<98%	AV

Note: T is minimum transmission duration.

The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.

If the maximized peak measured value complies with under the QP/Average limit more than 6dB, then it is unnecessary to perform an QP/Average measurement.

The test software EMC 32 setting is as below:

Frequency Range	RBW	Video B/W	Measurement
9 kHz – 150 kHz	200 Hz	1 kHz	PK
150 kHz – 30 MHz	9 kHz	30 kHz	PK
30 MHz – 1000 MHz	120 kHz	300 kHz	QP
Above 1 GHz	1 MHz	3 MHz	PK
	1 MHz	3 MHz	AV

Test Procedure

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

Data was recorded in Quasi-peak detection mode for frequency range of 30 MHz-1 GHz, peak and Average detection modes for frequencies above 1 GHz.

Corrected Amplitude & Margin Calculation

The Corrected Amplitude is calculated by adding the Antenna Loss and Cable Loss, and subtracting the Amplifier Gain from the Meter Reading. The basic equation is as follows:

$$\text{Corrected Amplitude (MaxPeak or QuasiPeak)} = \text{Meter Reading} + \text{Antenna Loss} + \text{Cable Loss} - \text{Amplifier Gain}$$

The “**Margin**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of 7dB means the emission is 7dB below the limit. The equation for margin calculation is as follows:

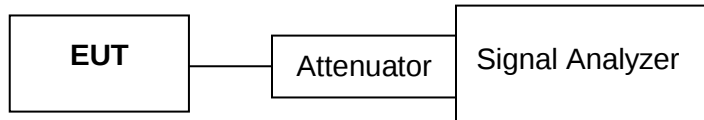
$$\text{Margin} = \text{Limit} - \text{Corrected Amplitude}$$

Conducted Spurious Emission At Antenna Port:

Connect the antenna port through an attenuator to the spectrum analyzer input; in the results, account for all losses between the unlicensed wireless device output and the spectrum analyzer. The instrument shall span 30 MHz to 10 times the operating frequency in GHz, with a resolution bandwidth of 100 kHz, video bandwidth of 300 kHz, and a coupled sweep time with a peak detector.

- Set the center frequency and span to encompass frequency range to be measured.
- Set the RBW = 100 kHz.
- Set the VBW $\geq [3 \times \text{RBW}]$.
- Detector = peak.
- Sweep time = No faster than coupled (auto) time.
- Trace mode = max-hold.
- Allow trace to fully stabilize.
- Use the peak marker function to determine the maximum unwanted emissions amplitude level.

Test Setup Block



Test Data

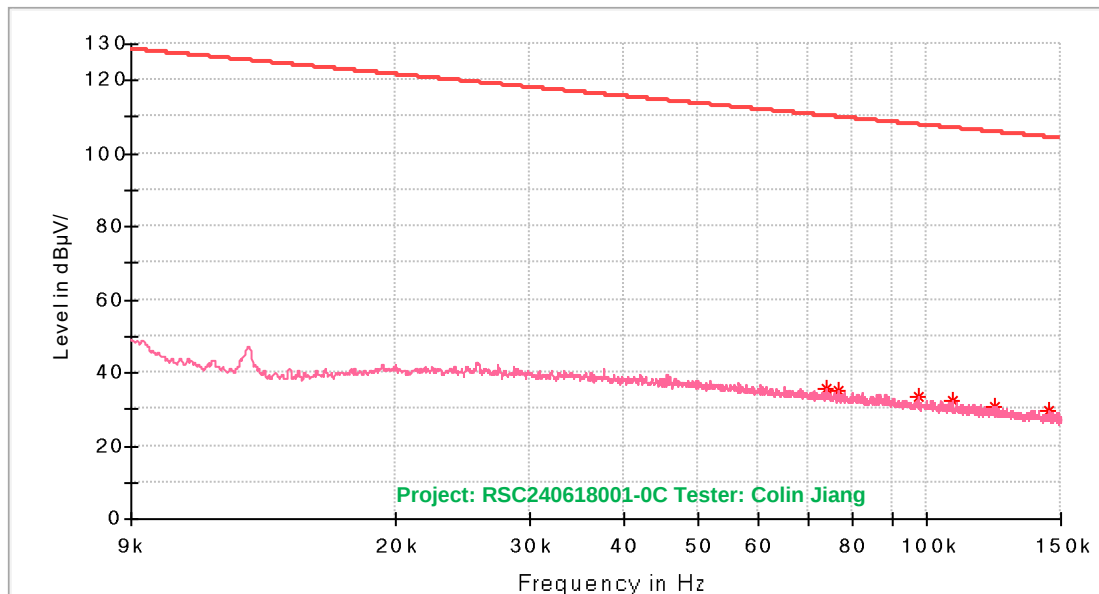
Test Environment Conditions

Test Measurement:	Radiated	Conducted
Test Date:	2024-06-20	2024-06-26
Temperature:	22 °C	22 °C
Relative Humidity:	64 %	59 %
ATM Pressure:	96.3 kPa	96.3 kPa

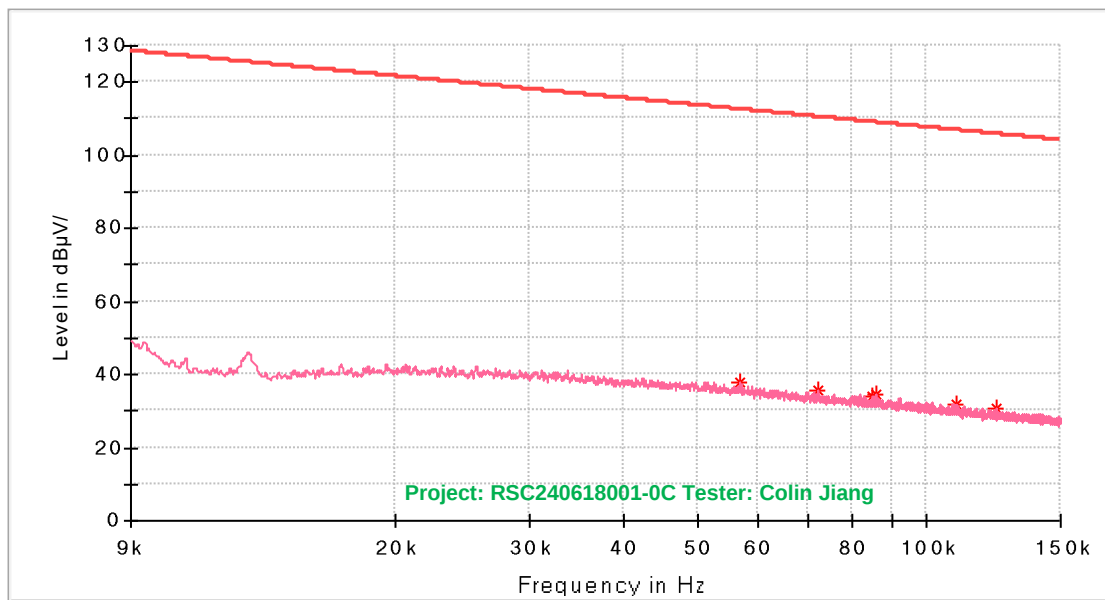
The testing was performed by Colin Jiang.

Test Mode: Transmitting

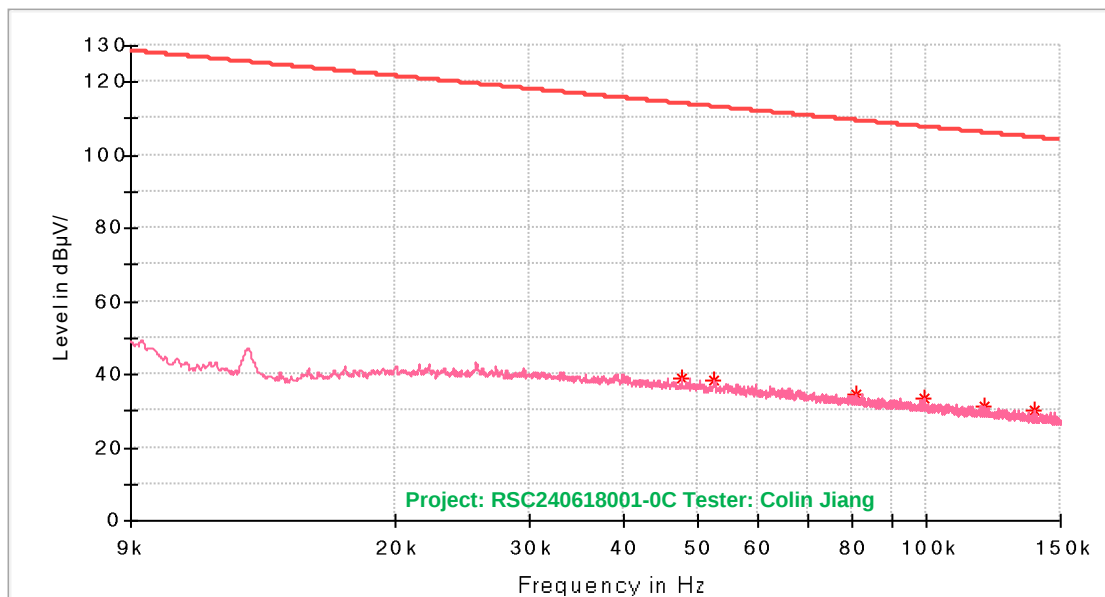
Note: Pre-scan and configuration EUT with X, Y, Z-axis, the Y-axis is the worst case.

Radiated Spurious Emissions:**1) 9 kHz to 150 kHz_low channel_worst case****Parallel**

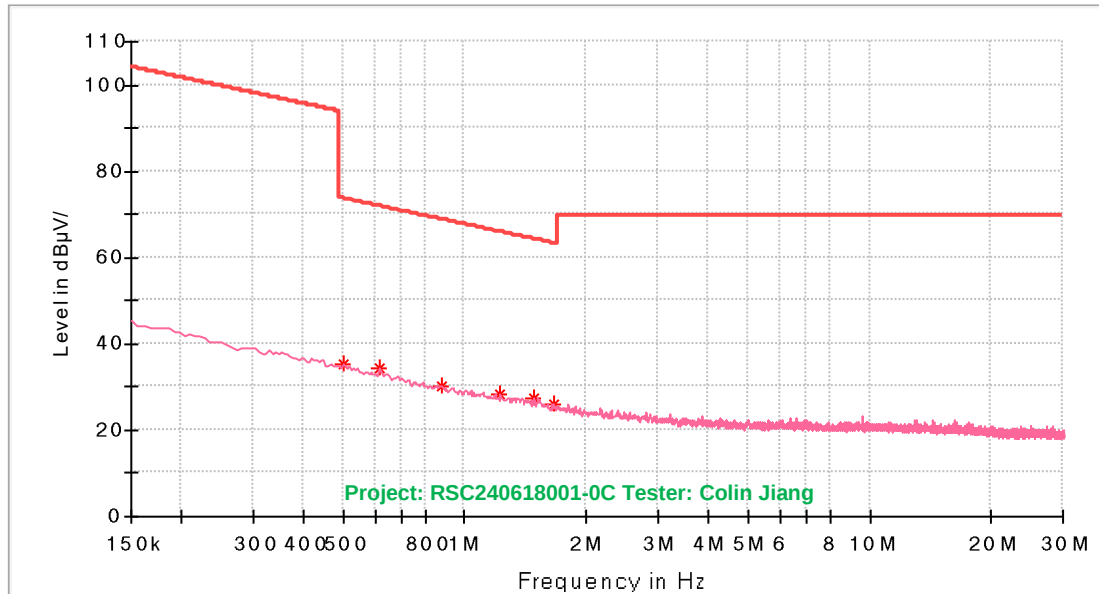
Frequency (MHz)	MaxPeak (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Height (cm)	Azimuth (deg)	Corr. (dB)
0.073860	35.87	110.23	74.36	100.0	342.0	16.4
0.076398	35.33	109.93	74.60	100.0	50.0	16.1
0.097301	33.19	107.83	74.65	100.0	123.0	14.3
0.107947	32.17	106.93	74.76	100.0	245.0	13.4
0.122716	30.98	105.82	74.84	100.0	168.0	12.3
0.145047	29.62	104.37	74.74	100.0	138.0	10.9

Perpendicular

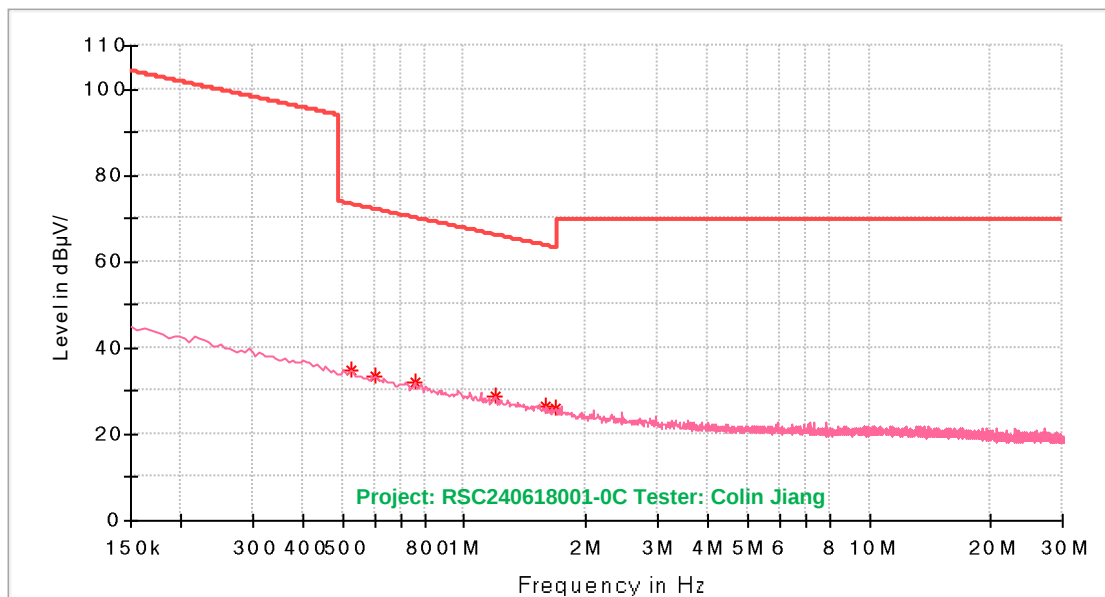
Frequency (MHz)	MaxPeak (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Azimuth (deg)	Corr. (dB)
0.056993	37.58	112.48	74.90	100.0	201.0	18.4
0.072080	35.39	110.44	75.05	100.0	231.0	16.6
0.085087	34.09	109.00	74.91	100.0	239.0	15.3
0.086056	34.78	108.90	74.12	100.0	163.0	15.2
0.109744	31.96	106.79	74.82	100.0	128.0	13.3
0.123298	30.99	105.78	74.79	100.0	228.0	12.3

Ground Parallel

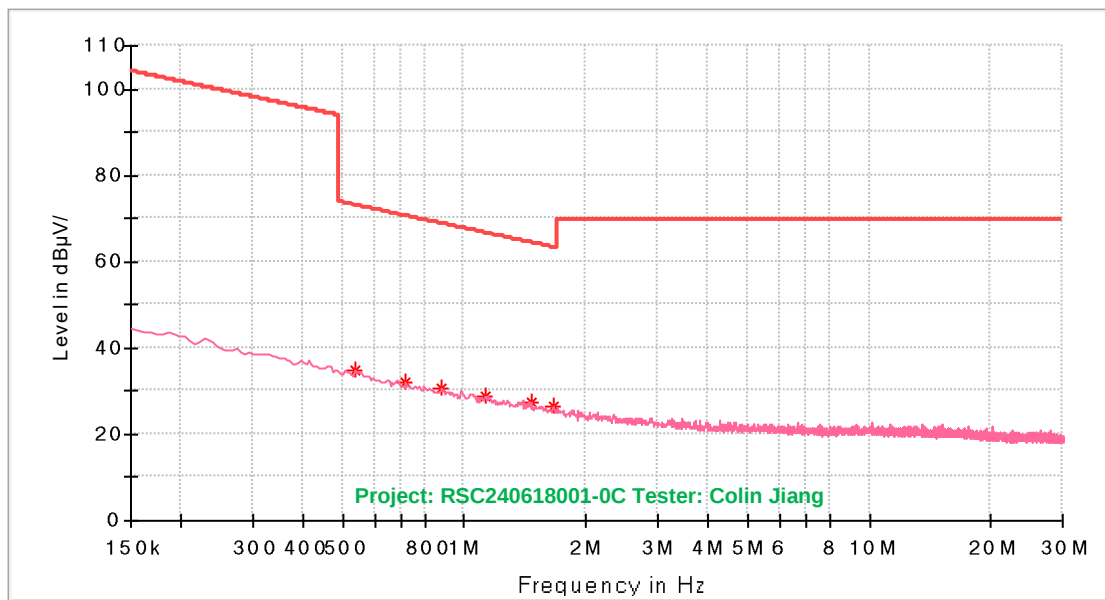
Frequency (MHz)	MaxPeak (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Azimuth (deg)	Corr. (dB)
0.047652	39.18	114.03	74.85	100.0	221.0	19.7
0.052498	38.41	113.19	74.78	100.0	118.0	19.0
0.080804	34.72	109.45	74.73	100.0	309.0	15.7
0.099240	33.34	107.66	74.32	100.0	229.0	14.1
0.119174	31.35	106.07	74.72	100.0	255.0	12.5
0.138896	30.10	104.74	74.64	100.0	0.0	11.2

2) 150 kHz to 30 MHz_low channel_worst case**Parallel**

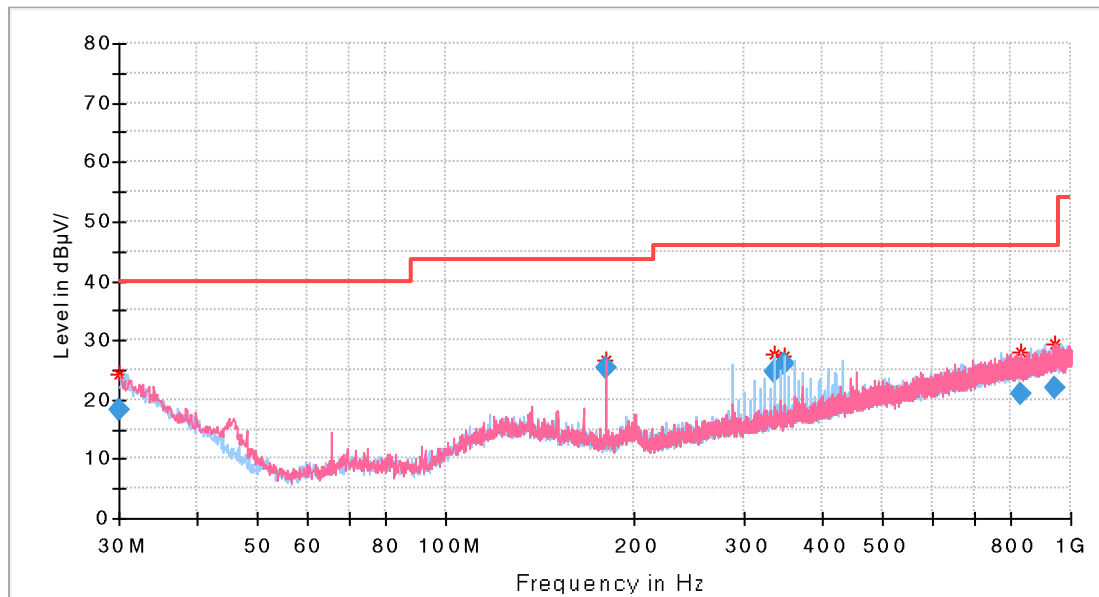
Frequency (MHz)	MaxPeak (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Azimuth (deg)	Corr. (dB)
0.502230	35.29	73.59	38.30	100.0	0.0	0.6
0.615660	34.22	71.82	37.60	100.0	4.0	-0.9
0.878340	30.39	68.74	38.36	100.0	102.0	-3.4
1.224600	28.45	65.87	37.42	100.0	218.0	-5.1
1.487280	27.40	64.18	36.79	100.0	177.0	-6.0
1.654440	26.03	63.26	37.23	100.0	265.0	-6.5

Perpendicular

Frequency (MHz)	MaxPeak (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Azimuth (deg)	Corr. (dB)
0.526110	34.74	73.18	38.44	100.0	258.0	0.2
0.603720	33.49	71.99	38.51	100.0	29.0	-0.8
0.752970	32.11	70.08	37.97	100.0	355.0	-2.4
1.194750	28.97	66.08	37.11	100.0	77.0	-4.9
1.594740	26.51	63.58	37.07	100.0	77.0	-6.3
1.684290	26.13	63.11	36.98	100.0	21.0	-6.5

Ground Parallel

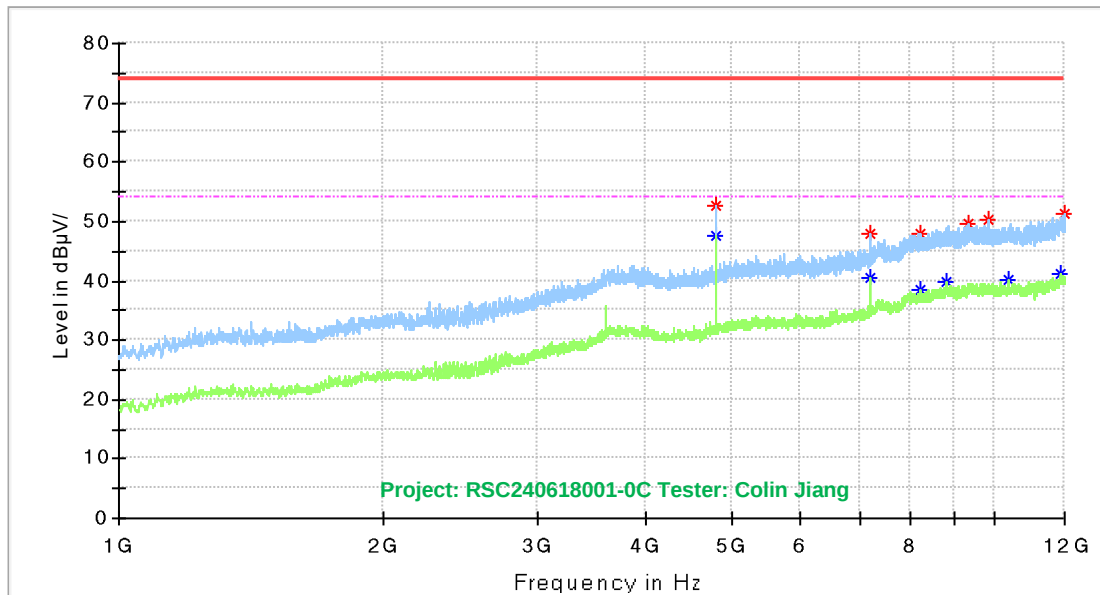
Frequency (MHz)	MaxPeak (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Azimuth (deg)	Corr. (dB)
0.538050	34.64	72.99	38.35	100.0	110.0	0.1
0.717150	32.00	70.50	38.50	100.0	161.0	-2.1
0.878340	30.52	68.74	38.22	100.0	0.0	-3.4
1.123110	28.92	66.62	37.70	100.0	302.0	-4.7
1.457430	27.33	64.36	37.03	100.0	146.0	-5.9
1.654440	26.42	63.26	36.84	100.0	11.0	-6.5

3) 30 MHz-1 GHz_ low channel_ worst case

Frequency (MHz)	QuasiPeak (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
30.068000	18.29	40.00	21.71	1000.0	120.000	104.0	V	113.0	-3.2
180.419750	25.27	43.50	18.23	1000.0	120.000	111.0	V	275.0	-13.2
336.014250	24.73	46.00	21.27	1000.0	120.000	106.0	H	307.0	-9.2
348.012500	26.03	46.00	19.97	1000.0	120.000	101.0	H	57.0	-8.9
830.064500	20.90	46.00	25.10	1000.0	120.000	109.0	H	258.0	-0.9
940.942750	22.04	46.00	23.96	1000.0	120.000	102.0	V	117.0	1.0

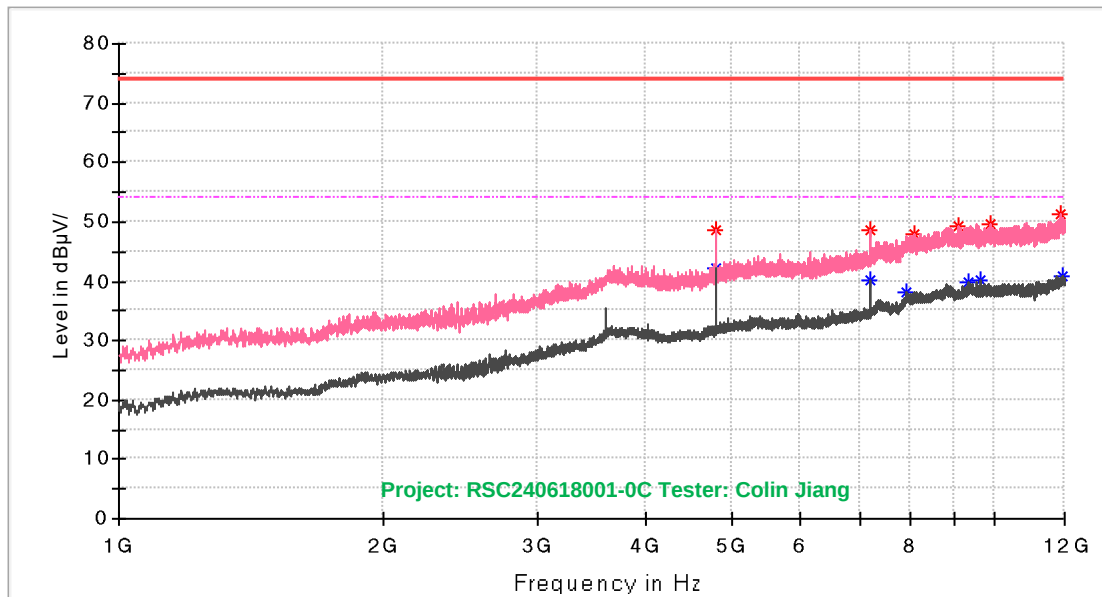
4) 1 GHz-12 GHz

Low Channel_Horizontal



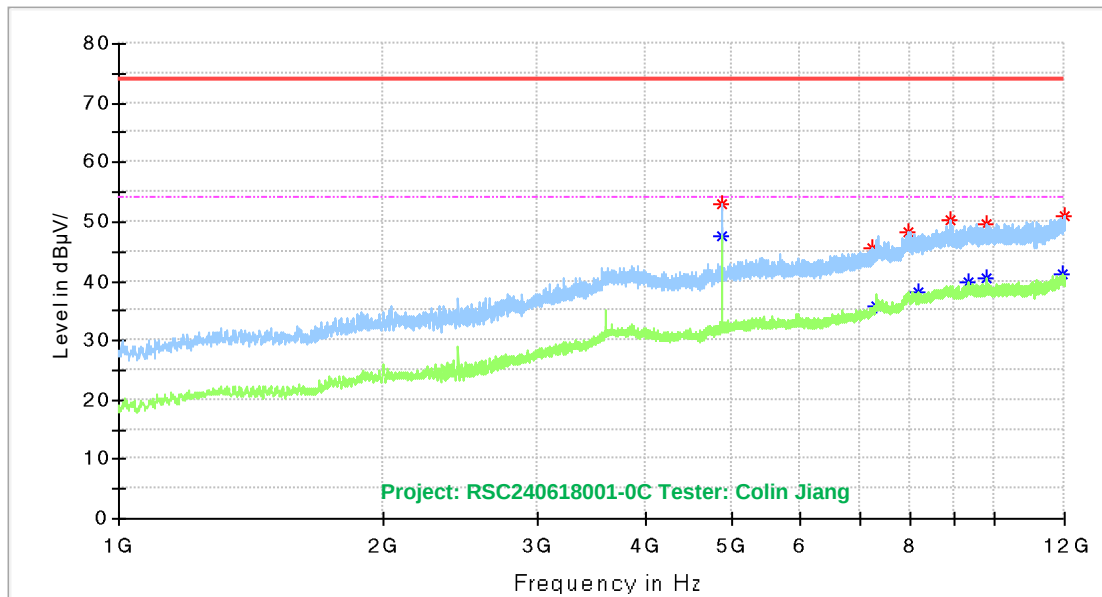
Frequency (MHz)	MaxPeak (dBµ V/m)	Average (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
4803.800000	---	47.48	54.00	6.52	200.0	H	220.0	-5.2
4804.900000	52.74	---	74.00	21.26	150.0	H	216.0	-5.2
7205.100000	47.87	---	74.00	26.13	150.0	H	119.0	-2.2
7206.200000	---	40.59	54.00	13.41	150.0	H	25.0	-2.2
8202.800000	---	38.56	54.00	15.44	150.0	H	305.0	0.4
8202.800000	47.81	---	74.00	26.19	200.0	H	165.0	0.4
8792.400000	---	39.95	54.00	14.05	200.0	H	262.0	1.7
9330.300000	49.47	---	74.00	24.53	150.0	H	305.0	1.6
9823.100000	50.33	---	74.00	23.67	150.0	H	332.0	1.5
10354.400000	---	40.20	54.00	13.80	150.0	H	305.0	2.0
11904.300000	---	41.06	54.00	12.94	150.0	H	305.0	4.1
11996.700000	51.31	---	74.00	22.69	150.0	H	105.0	4.3

Low Channel_Vertical



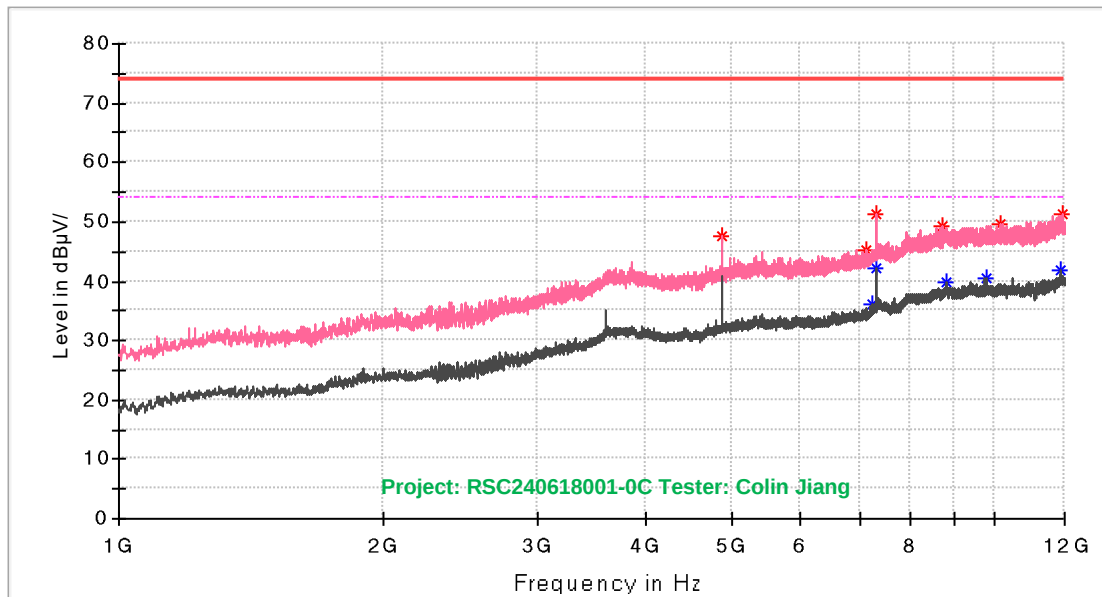
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
4803.800000	---	42.13	54.00	11.87	200.0	V	237.0	-5.2
4804.900000	48.73	---	74.00	25.27	200.0	V	280.0	-5.2
7205.100000	48.51	---	74.00	25.49	150.0	V	71.0	-2.2
7206.200000	---	40.22	54.00	13.78	150.0	V	71.0	-2.2
7934.400000	---	38.11	54.00	15.89	150.0	V	163.0	0.2
8079.600000	47.95	---	74.00	26.05	150.0	V	337.0	0.1
9083.900000	49.45	---	74.00	24.55	150.0	V	262.0	0.9
9342.400000	---	39.91	54.00	14.09	150.0	V	310.0	1.6
9608.600000	---	40.03	54.00	13.97	200.0	V	101.0	1.5
9884.700000	49.67	---	74.00	24.33	200.0	V	94.0	1.4
11858.100000	51.27	---	74.00	22.73	200.0	V	40.0	4.3
11946.100000	---	40.86	54.00	13.14	150.0	V	296.0	4.5

Middle Channel_Horizontal



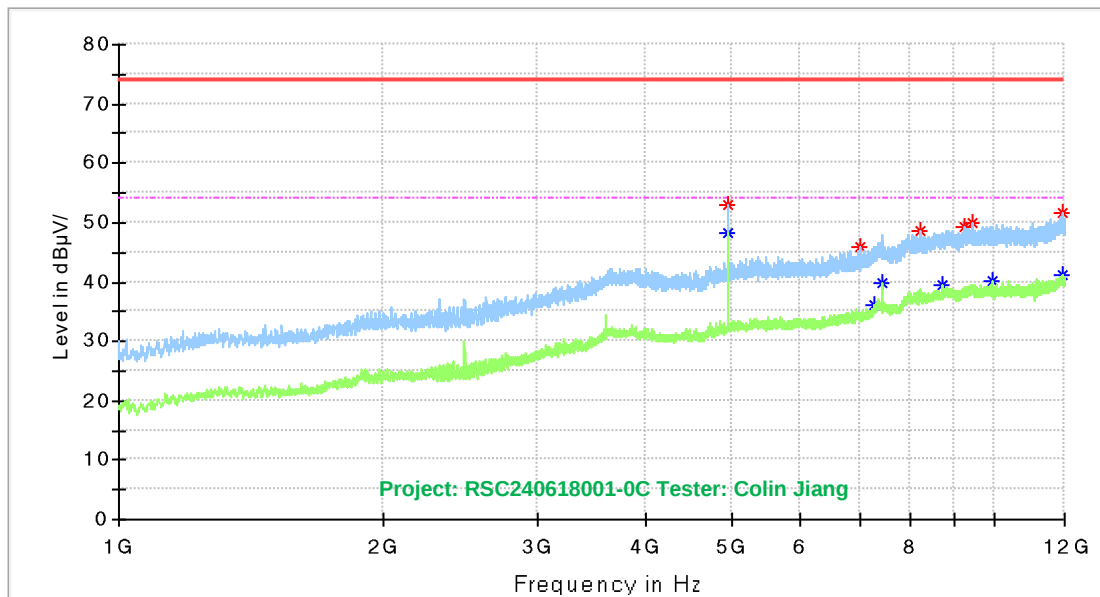
Frequency (MHz)	MaxPeak (dBμ V/m)	Average (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
4879.700000	---	47.43	54.00	6.57	150.0	H	217.0	-5.1
4879.700000	53.14	---	74.00	20.86	200.0	H	226.0	-5.1
7257.900000	45.64	---	74.00	28.36	200.0	H	212.0	-1.9
7299.700000	---	35.82	54.00	18.18	200.0	H	70.0	-1.7
7949.800000	48.35	---	74.00	25.65	150.0	H	323.0	0.3
8167.600000	---	38.27	54.00	15.73	150.0	H	356.0	0.1
8885.900000	50.32	---	74.00	23.68	200.0	H	84.0	1.6
9300.600000	---	39.99	54.00	14.01	150.0	H	323.0	1.6
9754.900000	49.78	---	74.00	24.22	200.0	H	147.0	1.5
9760.400000	---	40.51	54.00	13.49	150.0	H	251.0	1.5
11957.100000	---	41.16	54.00	12.84	200.0	H	153.0	4.5
11973.600000	50.92	---	74.00	23.08	200.0	H	327.0	4.4

Middle Channel_Vertical



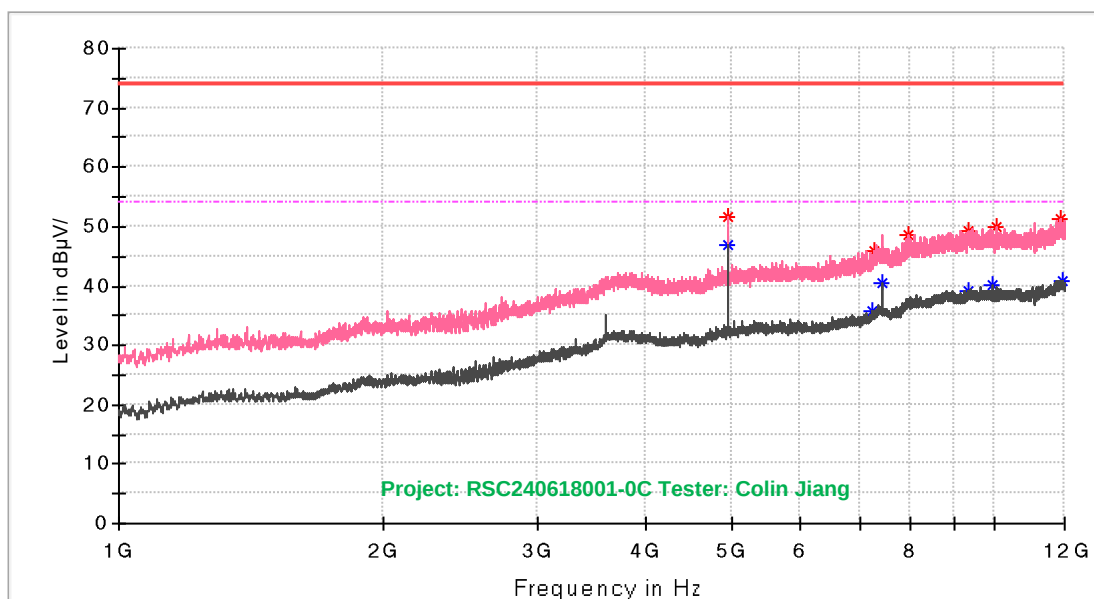
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
4879.700000	47.68	---	74.00	26.32	200.0	V	112.0	-5.1
4879.700000	---	40.90	54.00	13.10	200.0	V	112.0	-5.1
7127.000000	45.33	---	74.00	28.67	150.0	V	144.0	-2.4
7254.600000	---	35.97	54.00	18.03	200.0	V	319.0	-2.0
7320.600000	---	42.31	54.00	11.69	200.0	V	77.0	-1.5
7320.600000	51.27	---	74.00	22.73	200.0	V	77.0	-1.5
8693.400000	49.13	---	74.00	24.87	200.0	V	327.0	1.4
8811.100000	---	39.68	54.00	14.32	150.0	V	0.0	1.7
9760.400000	---	40.46	54.00	13.54	150.0	V	88.0	1.5
10163.000000	49.77	---	74.00	24.23	150.0	V	81.0	1.9
11855.900000	---	41.93	54.00	12.07	150.0	V	299.0	4.3
11923.000000	51.30	---	74.00	22.70	150.0	V	151.0	4.3

High Channel_Horizontal



Frequency (MHz)	MaxPeak (dBu V/m)	Average (dBu V/m)	Limit (dBu V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
4960.000000	53.14	---	74.00	20.86	150.0	H	243.0	-4.7
4960.000000	---	48.37	54.00	5.63	150.0	H	243.0	-4.7
7018.100000	45.97	---	74.00	28.03	200.0	H	17.0	-2.7
7272.200000	---	36.03	54.00	17.97	200.0	H	161.0	-1.8
7440.500000	---	39.80	54.00	14.20	150.0	H	339.0	-1.3
8195.100000	48.48	---	74.00	25.52	200.0	H	1.0	0.3
8711.000000	---	39.48	54.00	14.52	200.0	H	268.0	1.5
9204.900000	49.42	---	74.00	24.58	150.0	H	339.0	1.3
9417.200000	50.10	---	74.00	23.90	150.0	H	277.0	1.7
9922.100000	---	40.24	54.00	13.76	150.0	H	105.0	1.4
11924.100000	51.56	---	74.00	22.44	150.0	H	236.0	4.3
11929.600000	---	41.13	54.00	12.87	150.0	H	243.0	4.4

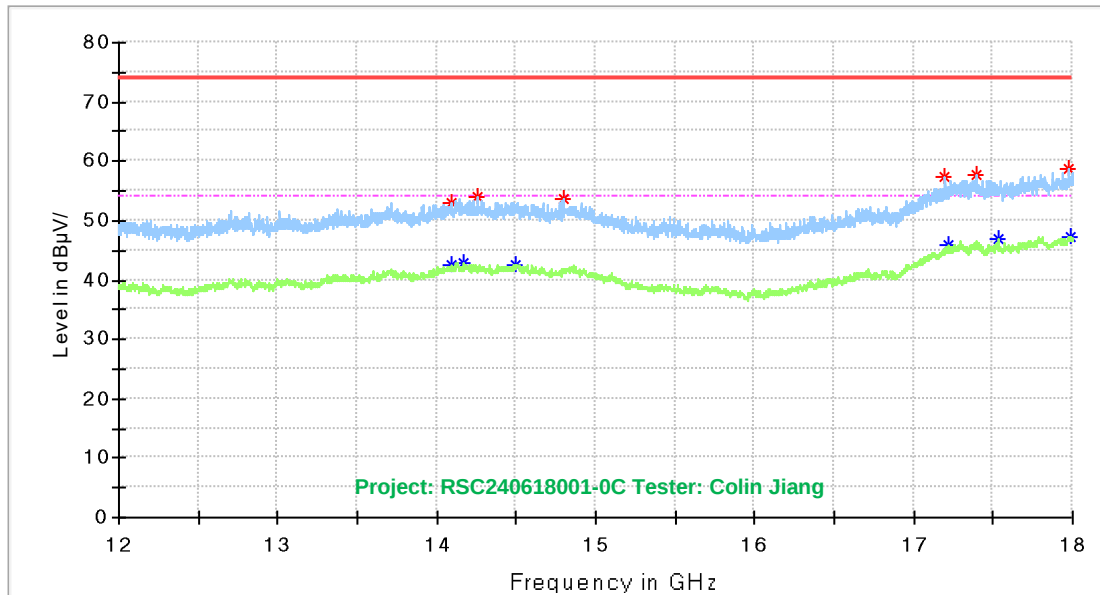
High Channel_Vertical



Frequency (MHz)	MaxPeak (dBu V/m)	Average (dBu V/m)	Limit (dBu V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
4960.000000	51.76	---	74.00	22.24	200.0	V	168.0	-4.7
4960.000000	---	46.79	54.00	7.21	200.0	V	168.0	-4.7
7255.700000	---	35.74	54.00	18.26	150.0	V	254.0	-1.9
7275.500000	46.00	---	74.00	28.00	150.0	V	261.0	-1.8
7440.500000	---	40.55	54.00	13.45	150.0	V	70.0	-1.3
7953.100000	48.68	---	74.00	25.32	200.0	V	174.0	0.3
9296.200000	49.40	---	74.00	24.60	200.0	V	181.0	1.5
9310.500000	---	39.25	54.00	14.75	150.0	V	0.0	1.6
9921.000000	---	40.15	54.00	13.85	150.0	V	77.0	1.4
10055.200000	49.89	---	74.00	24.11	200.0	V	92.0	1.6
11885.600000	51.32	---	74.00	22.68	150.0	V	189.0	4.2
11941.700000	---	40.99	54.00	13.01	150.0	V	99.0	4.5

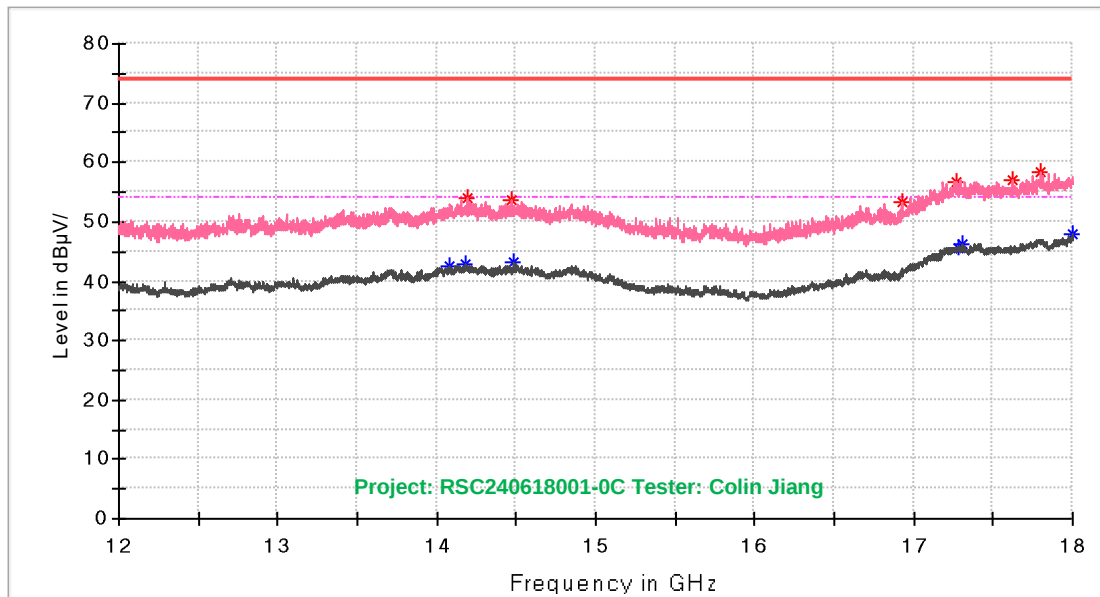
5) 12 GHz-18 GHz_low channel_worst case

Horizontal



Frequency (MHz)	MaxPeak (dBµ V/m)	Average (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
14094.000000	53.10	---	74.00	20.90	150.0	H	214.0	7.2
14097.600000	---	42.46	54.00	11.54	150.0	H	317.0	7.2
14167.200000	---	42.90	54.00	11.10	150.0	H	291.0	7.2
14257.200000	53.85	---	74.00	20.15	150.0	H	234.0	7.0
14497.200000	---	42.63	54.00	11.37	150.0	H	359.0	7.4
14798.400000	53.55	---	74.00	20.45	150.0	H	312.0	7.2
17198.400000	57.24	---	74.00	16.76	150.0	H	306.0	9.9
17223.600000	---	45.91	54.00	8.09	150.0	H	18.0	10.1
17400.000000	57.83	---	74.00	16.17	150.0	H	136.0	10.8
17536.800000	---	46.76	54.00	7.24	150.0	H	342.0	9.9
17979.600000	58.73	---	74.00	15.27	150.0	H	317.0	11.6
17984.400000	---	47.39	54.00	6.61	150.0	H	240.0	11.6

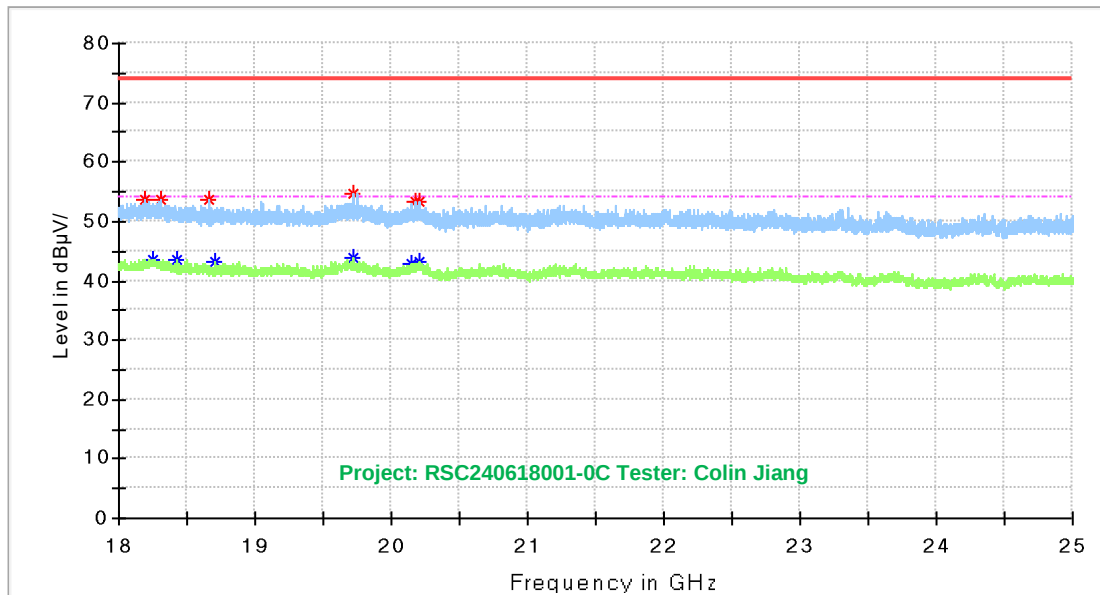
Vertical



Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
14076.000000	---	42.54	54.00	11.46	150.0	V	55.0	7.3
14180.400000	---	42.75	54.00	11.25	150.0	V	183.0	7.2
14190.000000	54.02	---	74.00	19.98	150.0	V	224.0	7.2
14467.200000	53.55	---	74.00	20.45	150.0	V	230.0	7.2
14488.800000	---	43.31	54.00	10.69	150.0	V	311.0	7.4
16922.400000	53.47	---	74.00	20.53	150.0	V	23.0	6.3
17272.800000	56.81	---	74.00	17.19	150.0	V	353.0	10.4
17282.400000	---	45.73	54.00	8.27	150.0	V	337.0	10.5
17301.600000	---	46.41	54.00	7.59	150.0	V	204.0	10.6
17618.400000	57.07	---	74.00	16.93	150.0	V	250.0	9.8
17804.400000	58.49	---	74.00	15.51	150.0	V	0.0	11.3
17998.800000	---	47.77	54.00	6.23	150.0	V	359.0	11.8

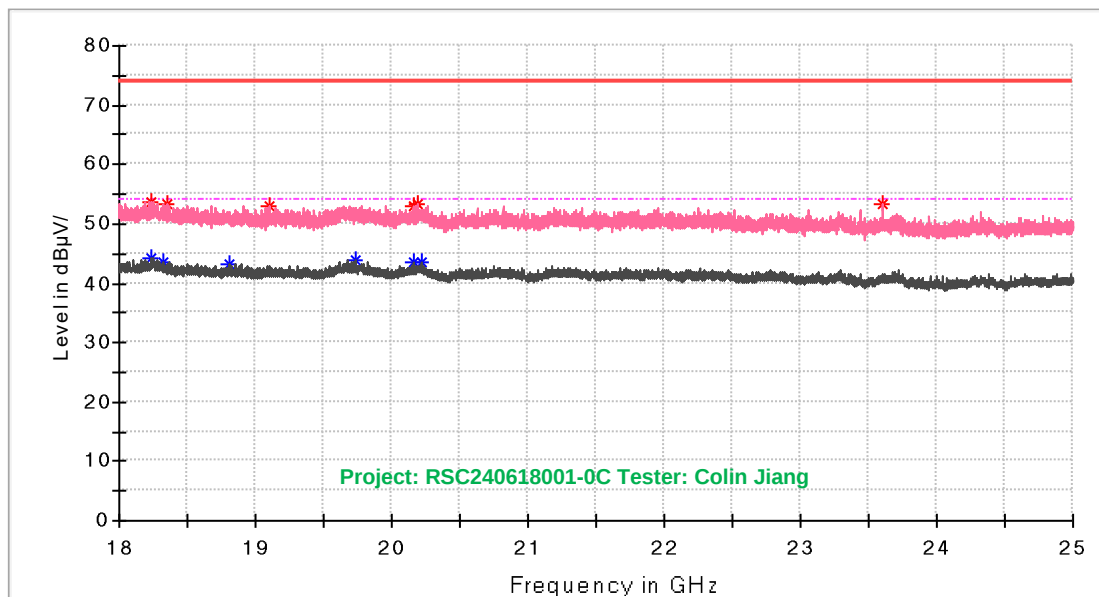
6) 18 GHz-25 GHz_low channel_worst case

Horizontal

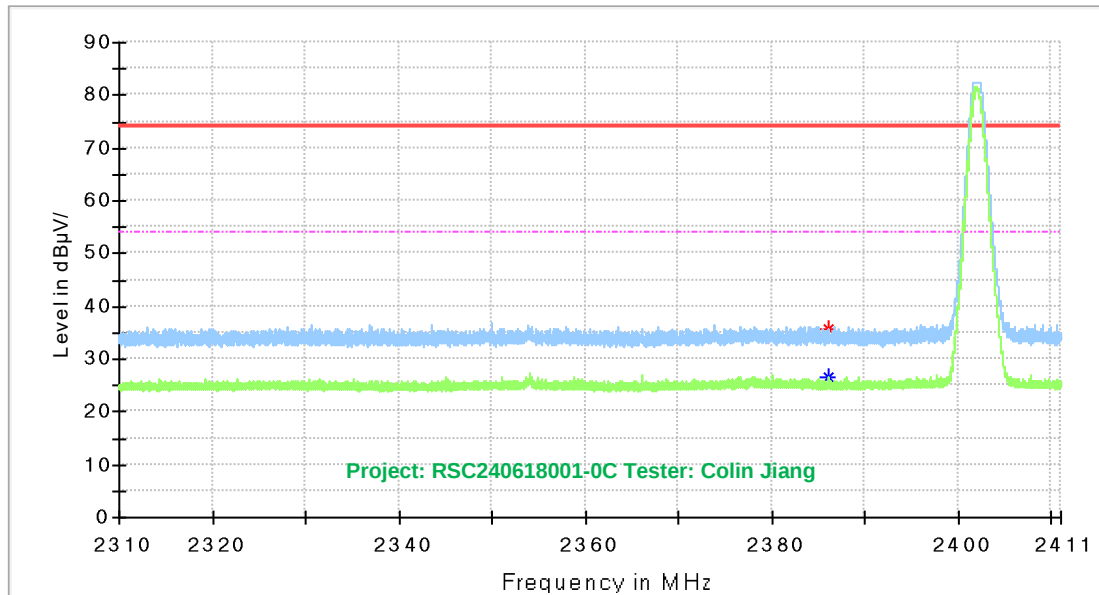


Frequency (MHz)	MaxPeak (dBµ V/m)	Average (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
18186.900000	53.57	---	74.00	20.43	100.0	H	49.0	6.4
18252.000000	---	43.69	54.00	10.31	100.0	H	185.0	6.4
18312.200000	53.55	---	74.00	20.45	100.0	H	2.0	6.3
18420.000000	---	43.68	54.00	10.32	100.0	H	14.0	6.2
18663.600000	53.75	---	74.00	20.25	100.0	H	0.0	6.1
18702.800000	---	43.10	54.00	10.90	100.0	H	119.0	5.9
19724.100000	54.64	---	74.00	19.36	100.0	H	119.0	7.1
19724.100000	---	43.93	54.00	10.07	100.0	H	119.0	7.1
20146.900000	---	42.97	54.00	11.03	100.0	H	53.0	7.1
20174.200000	53.31	---	74.00	20.69	100.0	H	110.0	7.2
20200.800000	---	43.20	54.00	10.80	100.0	H	5.0	7.3
20212.000000	53.33	---	74.00	20.67	100.0	H	318.0	7.2

Vertical

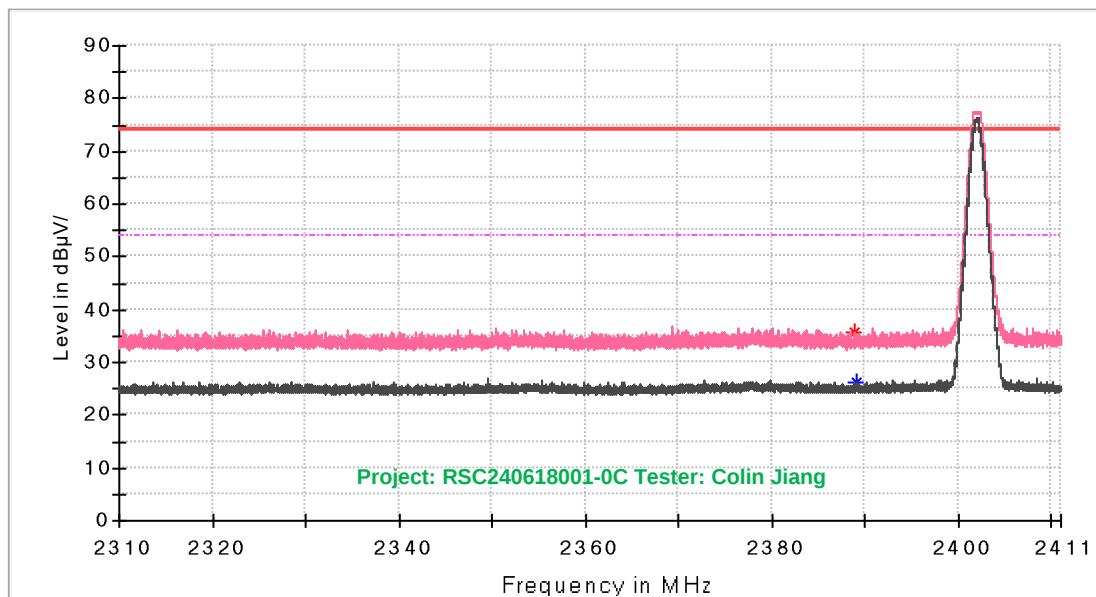


Frequency (MHz)	MaxPeak (dBμ V/m)	Average (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
18232.400000	53.66	---	74.00	20.34	100.0	V	290.0	6.4
18235.200000	---	44.15	54.00	9.85	100.0	V	33.0	6.4
18317.100000	---	43.49	54.00	10.51	100.0	V	2.0	6.3
18354.900000	53.49	---	74.00	20.51	100.0	V	33.0	6.2
18809.200000	---	43.32	54.00	10.68	100.0	V	102.0	6.1
19101.800000	53.10	---	74.00	20.90	100.0	V	201.0	6.1
19740.200000	---	43.84	54.00	10.16	100.0	V	2.0	7.2
20154.600000	---	43.41	54.00	10.59	100.0	V	124.0	7.1
20154.600000	53.12	---	74.00	20.88	100.0	V	124.0	7.1
20193.800000	53.22	---	74.00	20.78	100.0	V	144.0	7.3
20213.400000	---	43.57	54.00	10.43	100.0	V	11.0	7.2
23604.900000	53.22	---	74.00	20.78	100.0	V	20.0	6.5

Band Edge:**Left_Horizontal**

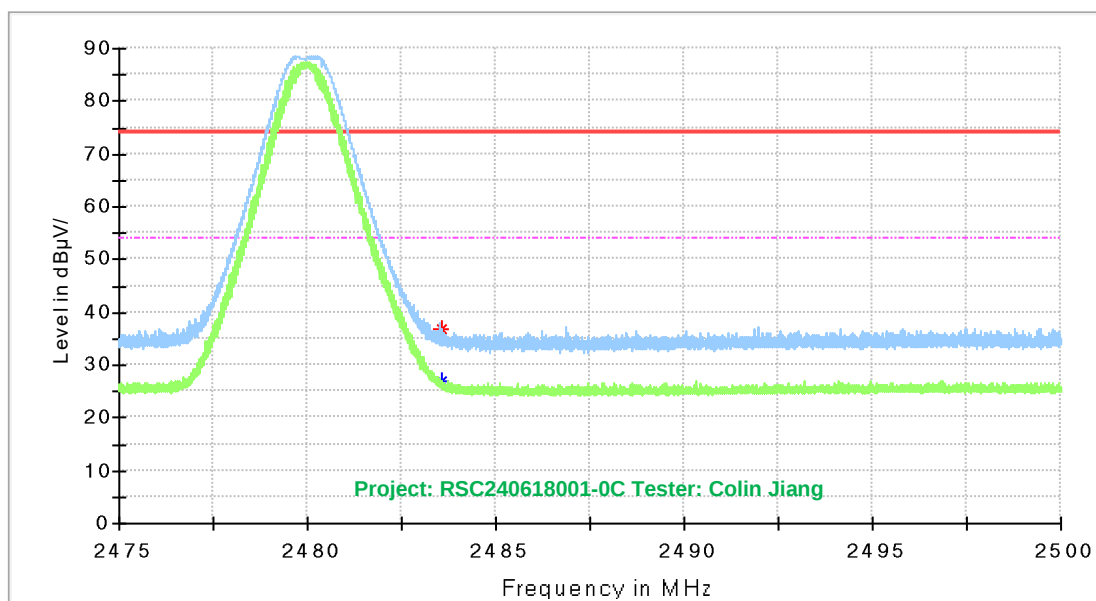
Frequency (MHz)	MaxPeak (dBµ V/m)	Average (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2386.012600	35.65	---	74.00	38.35	133.0	H	258.0	-12.4
2386.164100	---	26.75	54.00	27.25	133.0	H	176.0	-12.4

Left_Vertical



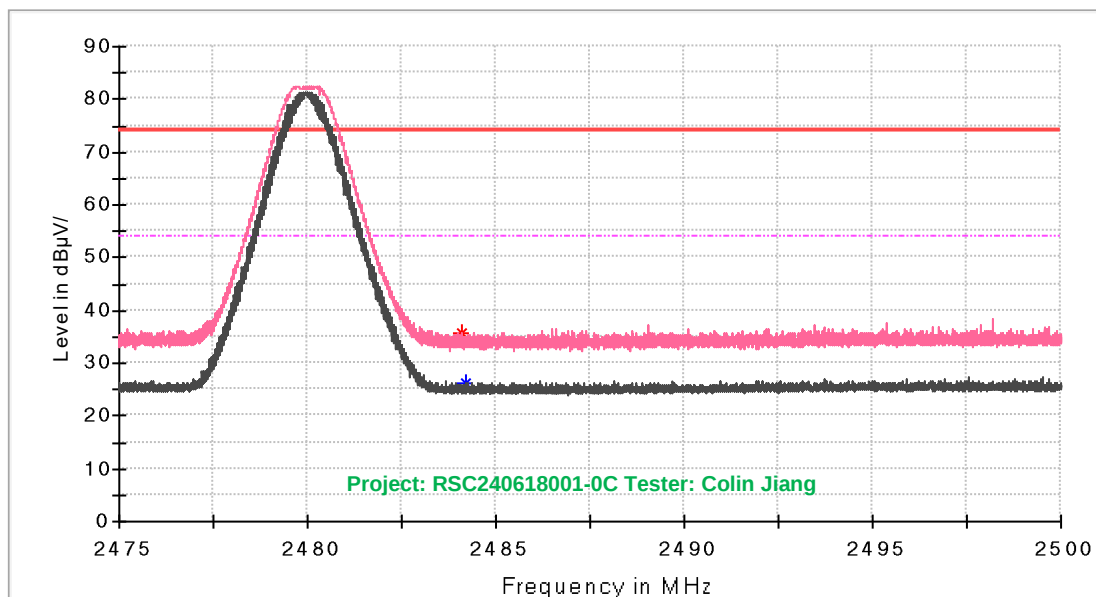
Frequency (MHz)	MaxPeak (dBµ V/m)	Average (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2388.860800	35.58	---	74.00	38.42	198.0	V	345.0	-12.4
2389.002200	---	26.34	54.00	27.66	198.0	V	235.0	-12.4

Right_Horizontal



Frequency (MHz)	MaxPeak (dBµ V/m)	Average (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2483.547500	36.94	---	74.00	37.06	142.0	H	286.0	-12.4
2483.555000	---	26.88	54.00	27.12	142.0	H	203.0	-12.4

Right_Vertical



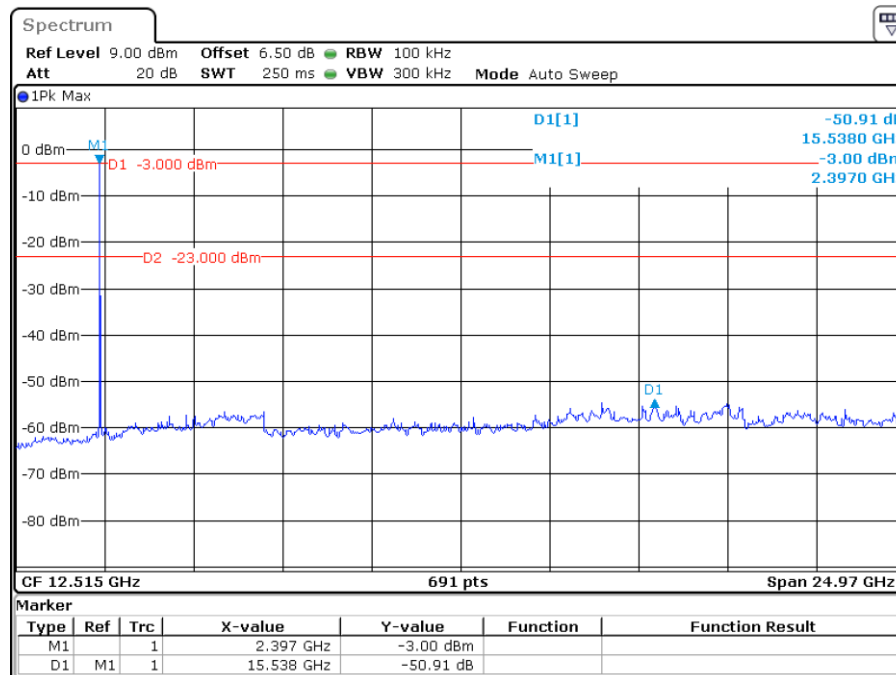
Frequency (MHz)	MaxPeak (dBµ V/m)	Average (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2484.115000	35.75	---	74.00	38.25	131.0	V	106.0	-12.4
2484.220000	---	26.19	54.00	27.81	131.0	V	63.0	-12.4

Note:

Corrected Amplitude (MaxPeak or QuasiPeak) = Corrected Factor + Reading

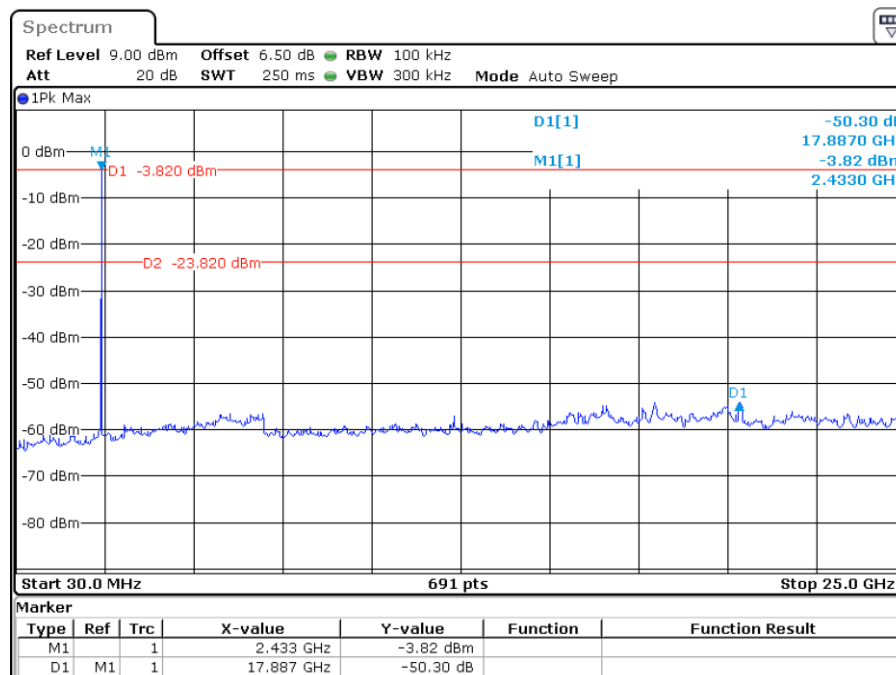
Corrected Factor=Antenna factor (RX) + Cable Loss – Amplifier Factor or Antenna factor (RX) + Cable Loss

Margin = Limit- Corr. Amplitude

Conducted Spurious Emission At Antenna Port:**Low Channel**

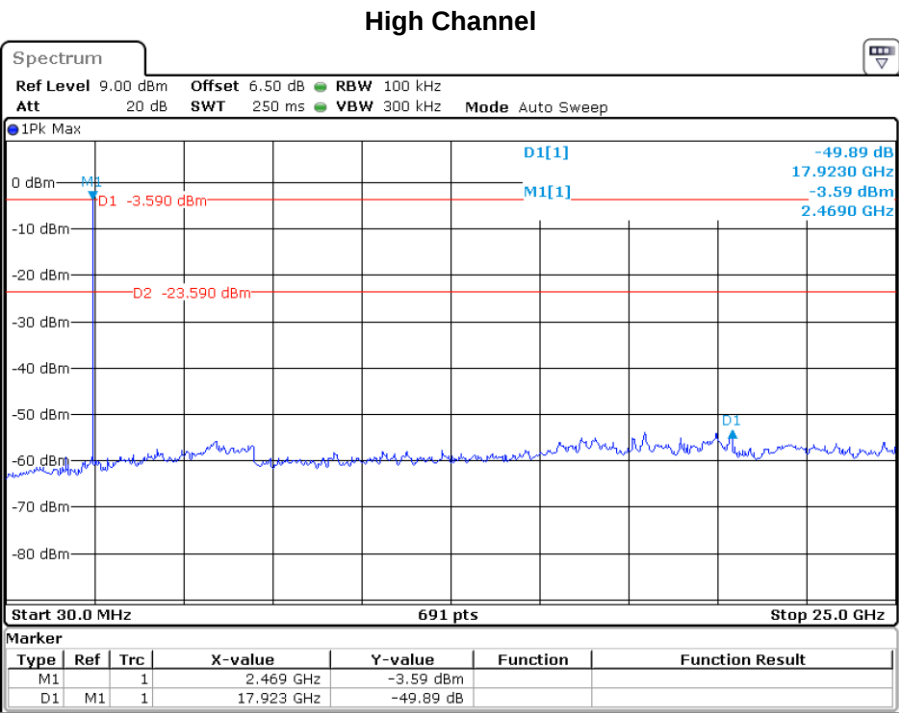
Project:RSC240618001-0C Tester:Colin Jiang

Date: 26.JUN.2024 11:41:16

Middle Channel

Project:RSC240618001-0C Tester:Colin Jiang

Date: 26.JUN.2024 11:44:41



Project:RSC240618001-0C Tester:Colin Jiang
Date: 26.JUN.2024 11:38:53

FCC §15.247(a) (2) – 6 dB EMISSION BANDWIDTH

Applicable Standard

Systems using digital modulation techniques may operate in the 902–928 MHz, 2400–2483.5 MHz, 5725–5850 MHz bands.

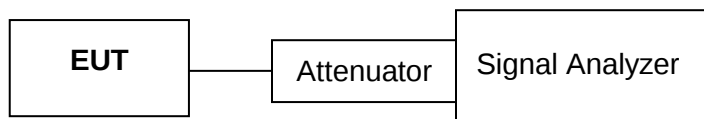
The minimum 6 dB bandwidth shall be at least 500 kHz.

Test Procedure

ANSI C63.10-2020 Clause 11.8.1 Option 1

- a) Set RBW = 100 kHz.
- b) Set the video bandwidth (VBW) $\geq 3 \times \text{RBW}$
- c) Detector = Peak.
- d) Trace mode = max hold.
- e) Sweep = auto couple.
- f) Allow the trace to stabilize.
- g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

Test Setup Block



Note: Offset (6.5dB) = 6dB Attenuator(6dB) + RF cable loss(0.5dB)

Test Data

Environmental Conditions

Temperature:	22 °C
Relative Humidity:	59 %
ATM Pressure:	96.3 kPa

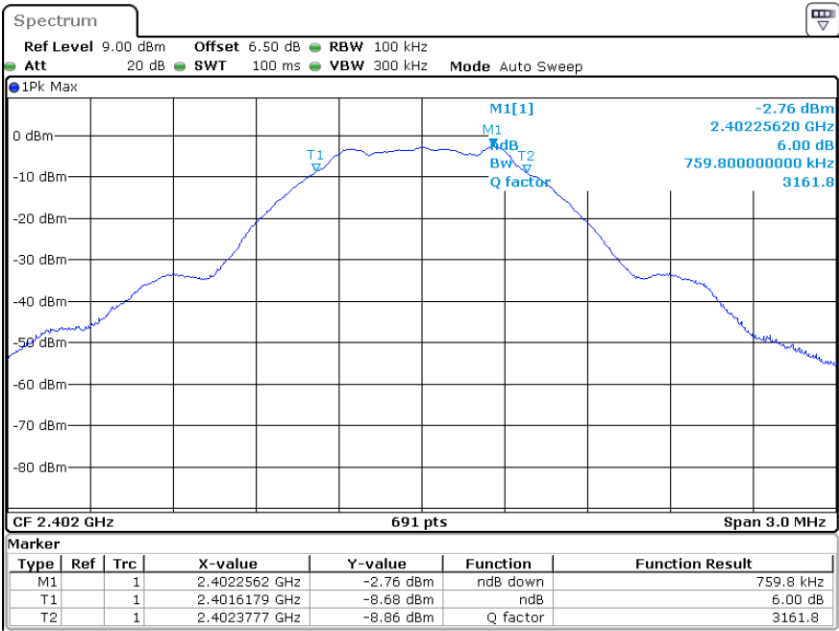
The testing was performed by Colin Jiang on 2024-06-26.

Test Mode: Transmitting

Test Result: Compliance. Please refer to the following table and plots.

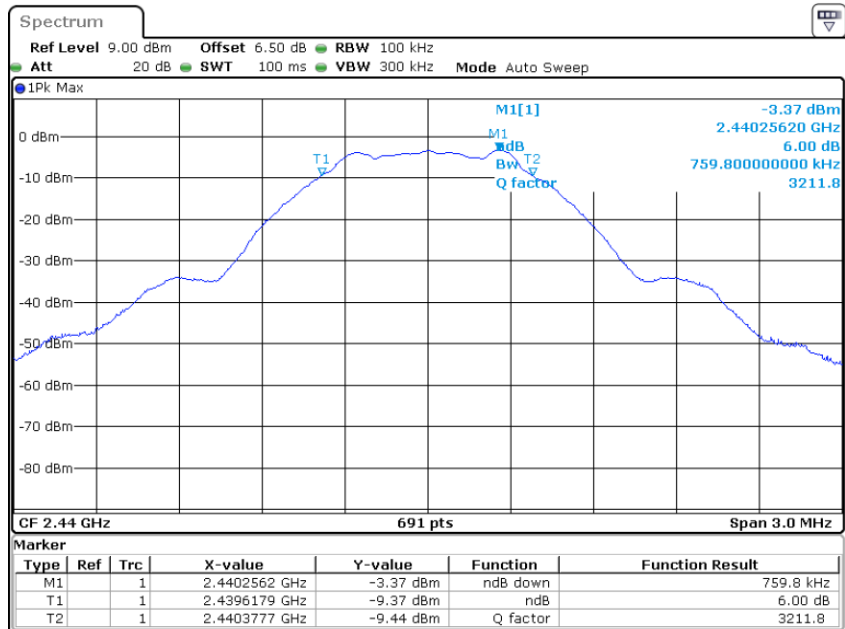
Mode	Channel	Frequency (MHz)	6dB Bandwidth (kHz)	Limit (kHz)
LE 1M	Low	2402	759.80	≥ 500
	Middle	2440	759.80	≥ 500
	High	2480	759.80	≥ 500

Low Channel



Project:RSC240618001-0C Tester:Colin Jiang
Date: 26.JUN.2024 10:26:07

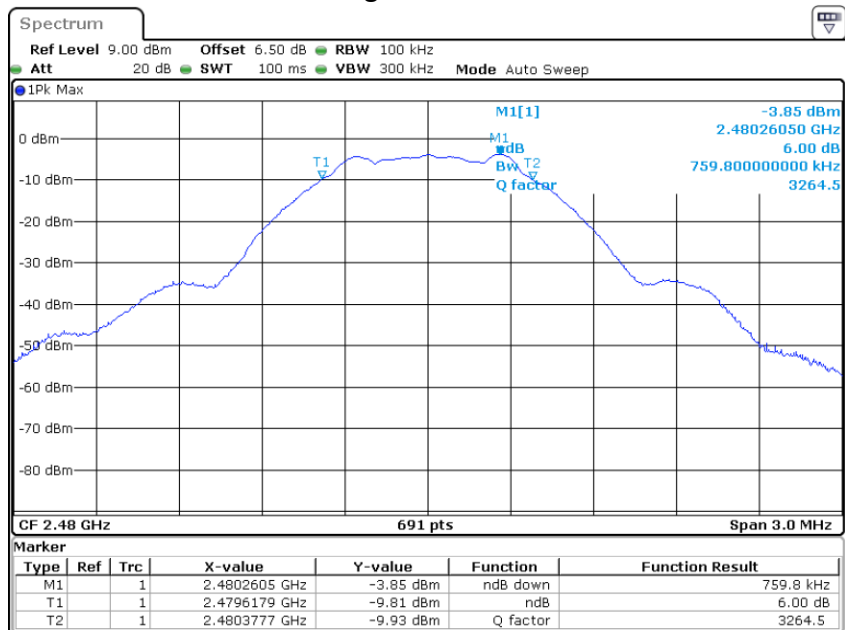
Middle Channel



Project:RSC240618001-0C Tester:Colin Jiang

Date: 26.JUN.2024 10:28:35

High Channel



Project:RSC240618001-0C Tester:Colin Jiang

Date: 26.JUN.2024 10:30:51

FCC §15.247(b) (3) - MAXIMUM CONDUCTED OUTPUT POWER

Applicable Standard

According to FCC §15.247(b) (3), for systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt. As an alternative to a peak power measurement, compliance with the one Watt limit can be based on a measurement of the maximum conducted output power. Maximum Conducted Output Power is defined as the total transmit power delivered to all antennas and antenna elements averaged across all symbols in the signaling alphabet when the transmitter is operating at its maximum power control level. Power must be summed across all antennas and antenna elements. The average must not include any time intervals during which the transmitter is off or is transmitting at a reduced power level. If multiple modes of operation are possible (e.g., alternative modulation methods), the maximum conducted output power is the highest total transmit power occurring in any mode.

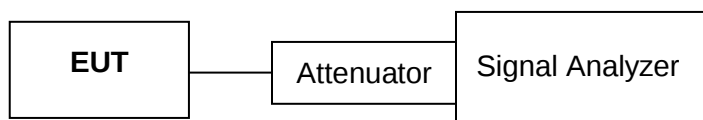
Test Procedure

ANSI C63.10-2020 Clause 11.9.1.1 $RBW \geq DTS$ bandwidth

The following procedure shall be used when an instrument with a resolution bandwidth that is greater than the DTS bandwidth is available to perform the measurement:

- a) Set the $RBW \geq DTS$ bandwidth.
- b) Set $VBW \geq [3 \times RBW]$.
- c) Set span $\geq [3 \times RBW]$.
- d) Sweep time = No faster than coupled (auto) time.
- e) Detector = peak.
- f) Trace mode = max hold.
- g) Allow trace to fully stabilize.
- h) Use peak marker function to determine the peak amplitude level.

Test Setup Block



Test Data

Environmental Conditions

Temperature:	22 °C
Relative Humidity:	59 %
ATM Pressure:	96.3 kPa

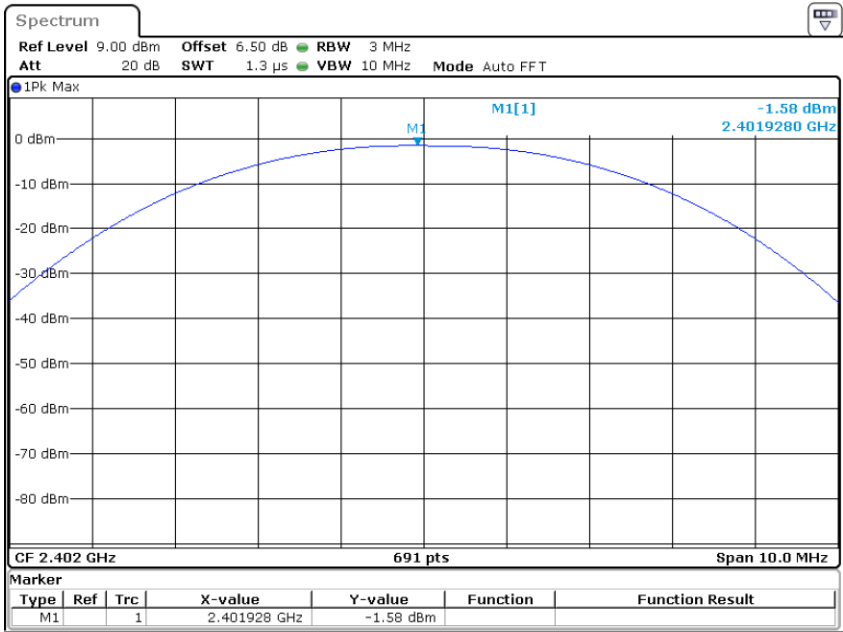
The testing was performed by Colin Jiang on 2024-06-26.

Test Mode: Transmitting

Test Result: Compliance. Please refer to the following table and plots.

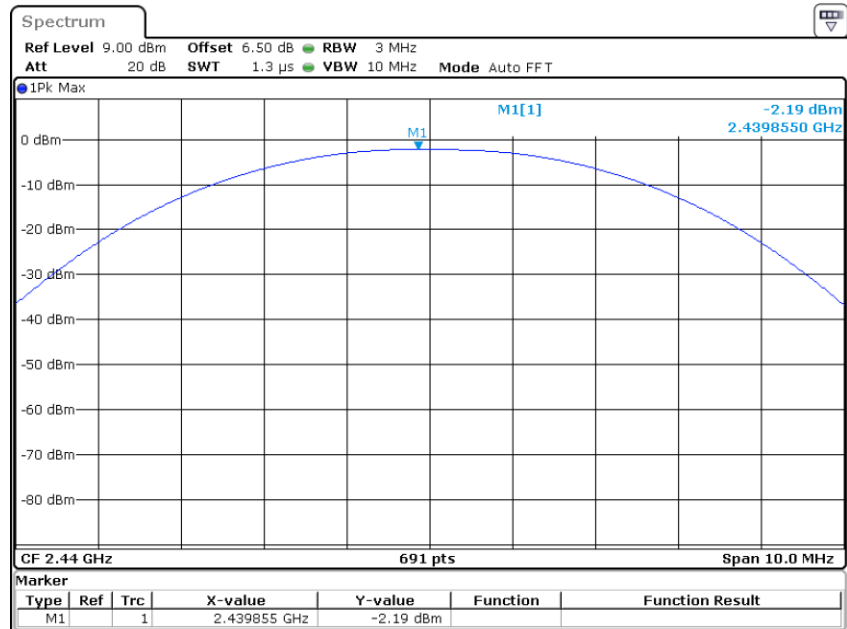
Mode	Channel	Frequency (MHz)	Conducted Output Power (dBm)	Limit (dBm)
LE 1M	Low	2402	-1.58	≤30
	Middle	2440	-2.19	≤30
	High	2480	-2.65	≤30

Low Channel



Project:RSC240618001-0C Tester:Colin Jiang
Date: 26.JUN.2024 11:08:19

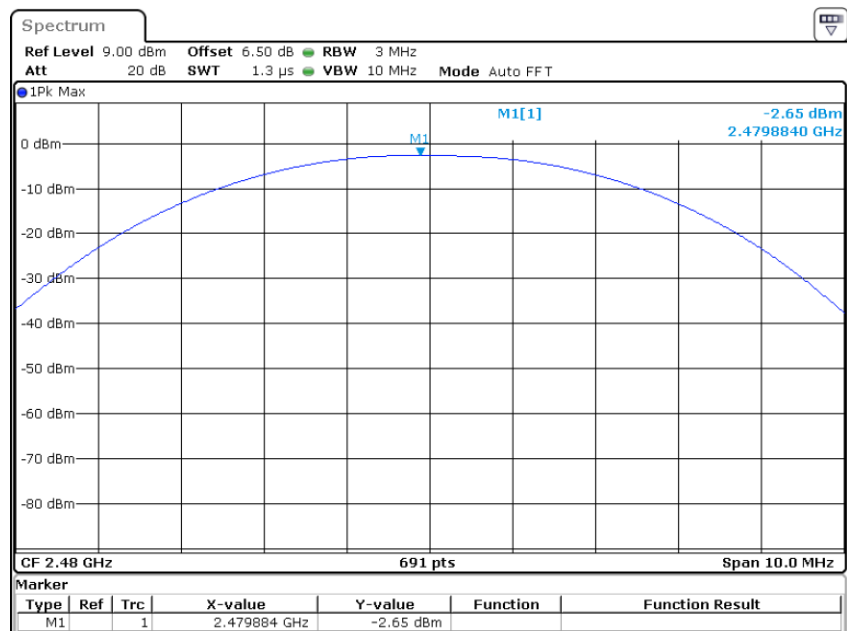
Middle Channel



Project:RSC240618001-0C Tester:Colin Jiang

Date: 26.JUN.2024 11:06:17

High Channel



Project:RSC240618001-0C Tester:Colin Jiang

Date: 26.JUN.2024 11:03:24

FCC §15.247(d) – 100 kHz BANDWIDTH OF FREQUENCY BAND EDGE

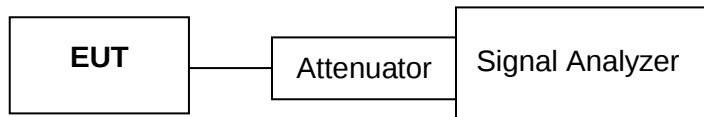
Applicable Standard

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

Test Procedure

1. Set RBW to 100 kHz and VBW of spectrum analyzer to 300 kHz with a convenient frequency span including 100 kHz bandwidth from band edge.
2. Measure the highest amplitude appearing on spectral display and set it as a reference level. Plot the graph with marking the highest point and edge frequency.
3. Repeat above procedures until all measured frequencies were complete.

Test Setup Block



Test Data

Environmental Conditions

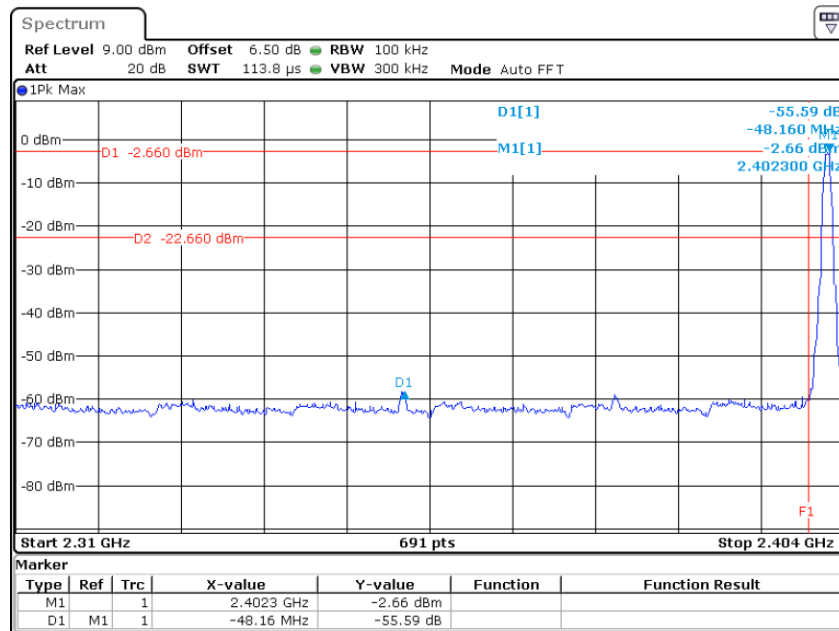
Temperature:	22 °C
Relative Humidity:	59 %
ATM Pressure:	96.3 kPa

The testing was performed by Colin Jiang on 2024-06-26.

Test mode: Transmitting

Test Result: Compliance. Please refer to following plots.

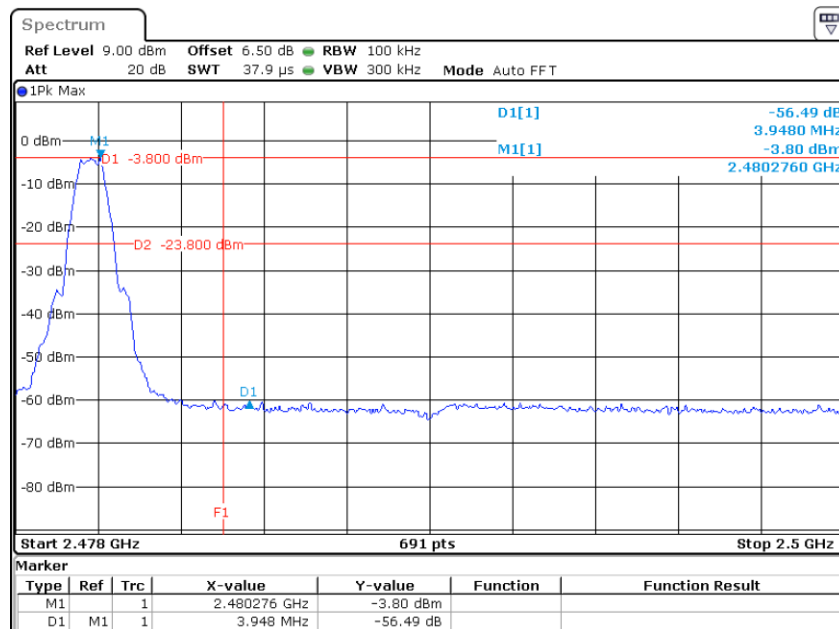
Band Edge, Left Side



Project:RSC240618001-0C Tester:Colin Jiang

Date: 26.JUN.2024 11:52:55

Band Edge, Right Side



Project:RSC240618001-0C Tester:Colin Jiang

Date: 26.JUN.2024 11:58:34

FCC §15.247(e) - POWER SPECTRAL DENSITY

Applicable Standard

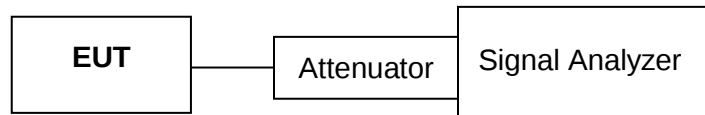
For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.

Test Procedure

ANSI C63.10-2020 Clause 11.10.2(PKPSD)

- a) Set analyzer center frequency to DTS channel center frequency.
- b) Set the span to 1.5 times the DTS bandwidth.
- c) Set the RBW to: $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$.
- d) Set the VBW $\geq 3 \times \text{RBW}$.
- e) Detector = peak.
- f) Sweep time = auto couple.
- g) Trace mode = max hold.
- h) Allow trace to fully stabilize.
- i) Use the peak marker function to determine the maximum amplitude level within the RBW.
- j) If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

Test Setup Block



Test Data

Environmental Conditions

Temperature:	22 °C
Relative Humidity:	59 %
ATM Pressure:	96.3 kPa

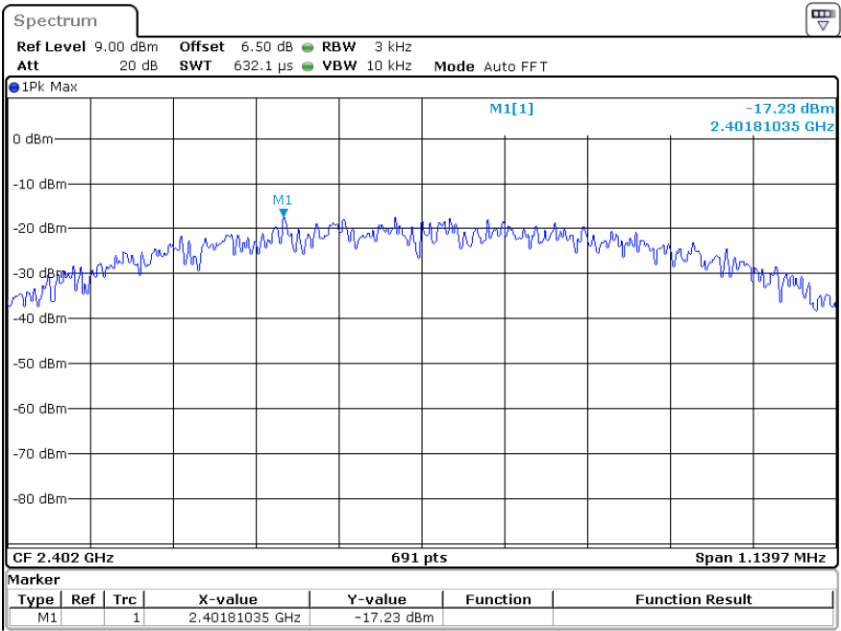
The testing was performed by Colin Jiang on 2024-06-26.

Test Mode: Transmitting

Test Result: Compliance. Please refer to the following table and plots

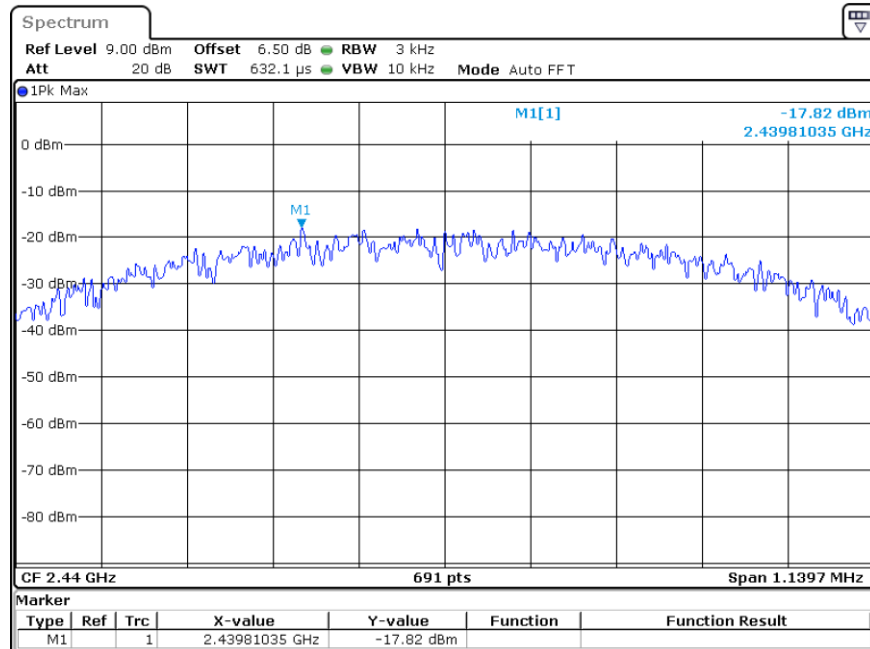
Mode	Channel	Frequency (MHz)	PKPSD (dBm/3kHz)	Limit (dBm/3kHz)
LE 1M	Low	2402	-17.23	≤8
	Middle	2440	-17.82	≤8
	High	2480	-18.27	≤8

Power Spectral Density, Low Channel



Project:RSC240618001-0C Tester:Colin Jiang
Date: 26.JUN.2024 10:48:49

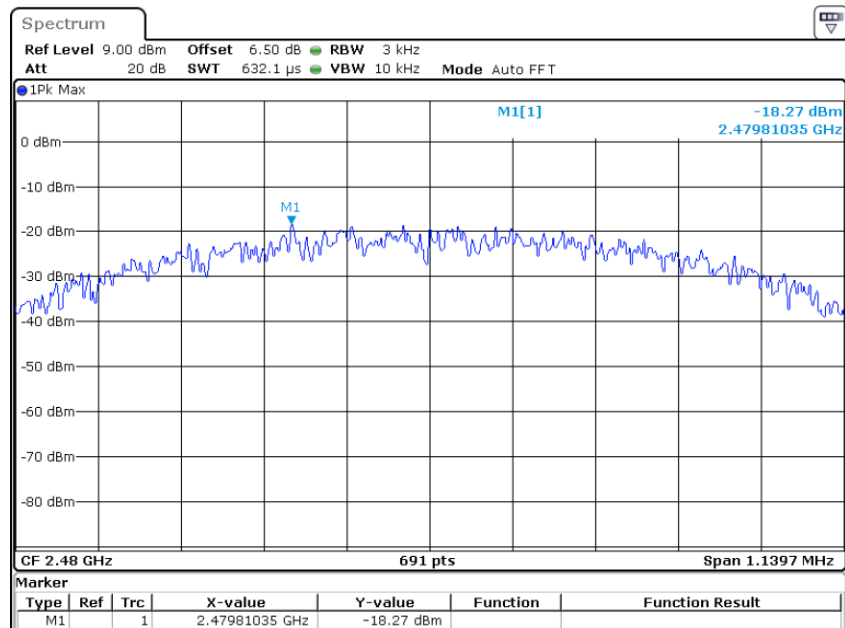
Power Spectral Density, Middle Channel



Project:RSC240618001-0C Tester:Colin Jiang

Date: 26.JUN.2024 10:52:06

Power Spectral Density, High Channel



Project:RSC240618001-0C Tester:Colin Jiang

Date: 26.JUN.2024 11:00:21

END OF REPORT