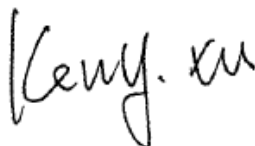


TEST REPORT

Application No.: SZCR2106021416AT
Applicant: Shenzhen Zero Zero Infinity Technology Co., Ltd.
Address of Applicant: Room A503, F5, Shanshui Building, No.4093, Liuxian Avenue, Nanshan District, Shenzhen, Guangdong, China
Manufacturer: Shenzhen Zero Zero Infinity Technology Co., Ltd.
Address of Manufacturer: Room A503, F5, Shanshui Building, No.4093, Liuxian Avenue, Nanshan District, Shenzhen, Guangdong, China
Factory: SHENZHEN CENCOM TECHNOLOGY CO., LTD
Address of Factory: No.1 Yuanlingzai Park, Henggang Town, Longgang District, Shenzhen, Guangdong, China
Equipment Under Test (EUT):
EUT Name: V-Coptr Falcon
Model No.: ZV101
Trade Mark: Zerozero Robotics
FCC ID: 2AIDW-ZV101
Standard(s) : 47 CFR Part 15, Subpart C 15.247
Date of Receipt: 2021-06-07
Date of Test: 2021-06-10 to 2021-06-25
Date of Issue: 2021-06-29

Test Result:	Pass*
---------------------	--------------

* In the configuration tested, the EUT complied with the standards specified above.



Keny Xu
EMC Laboratory Manager



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Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2021-06-29		Original

Authorized for issue by:				
		Harry Wu		
		Harry Wu/Project Engineer		
		Eric Fu		
		Eric Fu/Reviewer		

2 Test Summary

Radio Spectrum Technical Requirement				
Item	Standard	Method	Requirement	Result
Antenna Requirement	47 CFR Part 15, Subpart C 15.247	N/A	47 CFR Part 15, Subpart C 15.203 & 15.247(b)(4)	Pass

Radio Spectrum Matter Part				
Item	Standard	Method	Requirement	Result
Conducted Peak Output Power	47 CFR Part 15, Subpart C 15.247	ANSI C63.10 (2013) Section 11.9.1	47 CFR Part 15, Subpart C 15.247(b)(3)	Pass
Radiated Emissions which fall in the restricted bands		ANSI C63.10 (2013) Section 6.10.5	47 CFR Part 15, Subpart C 15.205 & 15.209	Pass
Radiated Spurious Emissions Below 1GHz		ANSI C63.10 (2013) Section 6.4,6.5	47 CFR Part 15, Subpart C 15.205 & 15.209	Pass
Radiated Spurious Emissions Above 1GHz		ANSI C63.10 (2013) Section 6.6	47 CFR Part 15, Subpart C 15.205 & 15.209	Pass

Remark:

Model No.: ZV101

This test report (Ref. No.: SZCR210602141601) is only valid with the original test report (Ref. No.: SZEM191202089701).

Review this report and original report, this report just changed product name.

According to the declaration from the applicant, the model in this report and model in original report were identical, only difference with being changed the Non-RF Circuit.

Considering to the difference, pre-scan were performed on the sample in this report to find the items which can be influential to the result in the original test report for fully retest.

Therefore in this report Conducted Peak Output Power, Radiated Emissions which fall in the restricted bands, Radiated Spurious Emissions Below 1GHz, Radiated Spurious Emissions Above 1GHz were fully retested on model ZV101 and shown the data in this report, other tests please refer to original report SZEM191202089701.



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4 General Information

4.1 Details of E.U.T.

Power supply:	DC15.4V Rechargeable Lipo Battery
Operation Frequency:	2406MHz to 2466MHz
Modulation Type:	BPSK, QPSK, 16QAM, 64QAM
Number of Channels:	7
Channel Spacing:	10MHz
Antenna Type:	Antenna 1 & 2: Dipole antenna
Antenna Gain:	Antenna 1 & 2: 2.86dBi
Remark:	1. Two Antennas can't transmit synchronously.

4.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
--	--	--	--

The EUT has been tested as an independent unit.

4.3 Measurement Uncertainty

Test Item	Measurement Uncertainty
Conducted Peak Output Power	$\pm 0.75\text{dB}$
Radiated Emissions which fall in the restricted bands	$\pm 4.5\text{dB}$ (Below 1GHz); $\pm 4.8\text{dB}$ (Above 1GHz)
Radiated Spurious Emissions Below 1GHz	$\pm 4.5\text{dB}$
Radiated Spurious Emissions Above 1GHz	$\pm 4.8\text{dB}$

Remark:
The U_{lab} (lab Uncertainty) is less than U_{CISPR} (CISPR Uncertainty), so the test results
– compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit;
– non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit.



4.4 Test Location

All tests were performed at:

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No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, Guangdong, China. 518057.

Tel: +86 755 2601 2053 Fax: +86 755 2671 0594

No tests were sub-contracted.

4.5 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

- **A2LA (Certificate No. 3816.01)**

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 3816.01.

- **VCCI (Member No. 1937)**

The 3m Fully-anechoic chamber for above 1GHz, 10m Semi-anechoic chamber for below 1GHz, Shielded Room for Mains Port Conducted Interference Measurement and Telecommunication Port Conducted Interference Measurement of SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen EMC laboratory have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: G-20026, R-14188, C-12383 and T-11153 respectively.

- **FCC –Designation Number: CN1178**

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized as an accredited testing laboratory.

Designation Number: CN1178. Test Firm Registration Number: 406779.

- **Innovation, Science and Economic Development Canada**

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized by ISED as an accredited testing laboratory.

CAB identifier: CN0006.

IC#: 4620C.

4.6 Deviation from Standards

None

4.7 Abnormalities from Standard Conditions

None



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5 Equipment List

Conducted Peak Output Power					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
Shielding Room	SAEMC	MSR733	SEM001-09	2019-06-13	2022-06-12
DC Power Supply	Rohde & Schwarz	NGSM 32/10	SEM011-04	2021-03-23	2022-03-22
MXA Signal Analyzer	KEYSIGHT	N9020A	SEM004-17	2021-04-08	2022-04-07
Measurement Software	TST	TST PASS V1.0.5	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM031-01	2020-07-10	2021-07-09
Attenuator	Huber+Suhner	6620_SMA-50- 1	SEM021-09	2021-04-08	2022-04-07

Radiated Emissions which fall in the restricted bands					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
3m Semi-Anechoic Chamber	AUDIX	N/A	SEM001-02	2021-03-26	2024-03-25
EXA Signal Analyzer	Agilent Technologies Inc	N9010A	SEM004-12	2021-02-01	2022-01-31
Horn Antenna	Rohde&Schwarz	HF906	SHEM009-2	2020-07-27	2022-07-26
Pre-Amplifier	Compliance Directions Systems Inc.	PAP-0126	SEM004-11	2020-09-23	2021-09-22
Measurement Software	AUDIX	e3 V8.2014-6- 27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM026-01	2020-07-10	2021-07-09
Pre-Amplifier	Compliance Directions Systems Inc.	PAP-2640-50	SEM005-08	2021-03-24	2022-03-23

Radiated Spurious Emissions Below 1GHz					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
3m Semi-Anechoic Chamber	ETS-LINDGREN	N/A	SEM001-01	2020-07-19	2023-07-18
MXE EMI Receiver	Agilent Technologies	N9038A	SEM004-15	2020-11-02	2021-11-01
BiConiLog Antenna	ETS-LINDGREN	3142C	SEM003-02	2019-05-24	2022-05-23
Pre-Amplifier	Agilent Technologies	8447D	SEM005-01	2021-03-24	2022-03-23
Measurement Software	AUDIX	e3 V8.2014-6- 27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM025-01	2020-07-10	2021-07-09



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Radiated Spurious Emissions Above 1GHz					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
3m Semi-Anechoic Chamber	AUDIX	N/A	SEM001-02	2021-03-26	2024-03-25
EXA Signal Analyzer	Agilent Technologies Inc	N9010A	SEM004-12	2021-02-01	2022-01-31
Horn Antenna	Rohde&Schwarz	HF906	SHEM009-2	2020-07-27	2022-07-26
Horn Antenna	Schwarzbeck	BBHA 9170	SEM003-15	2020-11-14	2023-11-13
Pre-Amplifier	Compliance Directions Systems Inc.	PAP-0126	SEM004-11	2020-09-23	2021-09-22
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM026-01	2020-07-10	2021-07-09

General used equipment					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
Humidity/ Temperature Indicator	Shanghai Meteorological Industry Factory	ZJ1-2B	SEM002-04	2020-09-15	2021-09-14
Humidity/ Temperature Indicator	Mingle	N/A	SEM002-08	2020-09-15	2021-09-14
Barometer	Changchun Meteorological Industry Factory	DYM3	SEM002-01	2021-03-30	2022-03-29



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6 Radio Spectrum Technical Requirement

6.1 Antenna Requirement

6.1.1 Test Requirement:

47 CFR Part 15, Subpart C 15.203 & 15.247(b)(4)

6.1.2 Conclusion

Standard Requirement:

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, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

15.247(b) (4) requirement:

The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

EUT Antenna:

The antenna is integrated on the main PCB and no consideration of replacement. The best case gain of the antenna is Antenna 1 & 2: 2.86dBi.

Antenna location: Refer to internal photo.



7 Radio Spectrum Matter Test Results

7.1 Conducted Peak Output Power

Test Requirement 47 CFR Part 15, Subpart C 15.247(b)(3)
Test Method: ANSI C63.10 (2013) Section 11.9.1

Limit:

Frequency range(MHz)	Output power of the intentional radiator(watt)
902-928	1 for ≥ 50 hopping channels
	0.25 for $25 \leq$ hopping channels < 50
	1 for digital modulation
2400-2483.5	1 for ≥ 75 non-overlapping hopping channels
	0.125 for all other frequency hopping systems
	1 for digital modulation
5725-5850	1 for frequency hopping systems and digital modulation

7.1.1 E.U.T. Operation

Operating Environment:

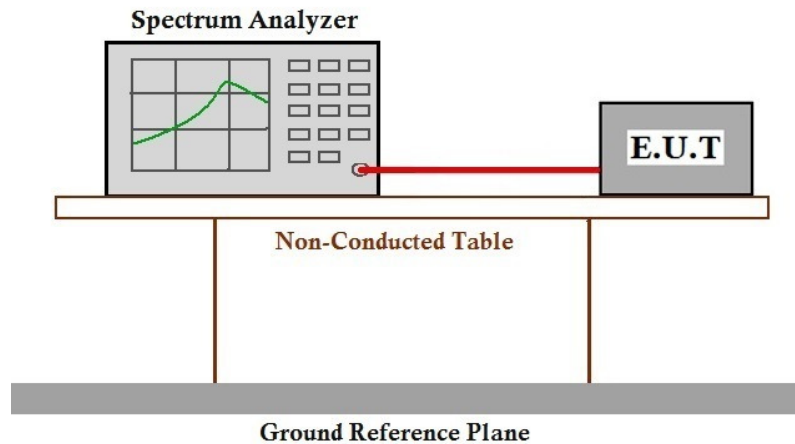
Temperature: 24.8 °C Humidity: 50.2 % RH Atmospheric Pressure: 1010 mbar

7.1.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	00	TX mode(Antenna 1)_Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report.
Final test	01	TX mode(Antenna 2)_Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report.



7.1.3 Test Setup Diagram



7.1.4 Measurement Procedure and Data

Please Refer to Appendix for Details



7.2 Radiated Emissions which fall in the restricted bands

Test Requirement 47 CFR Part 15, Subpart C 15.205 & 15.209

Test Method: ANSI C63.10 (2013) Section 6.10.5

Measurement Distance: 3m

Limit:

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

7.2.1 E.U.T. Operation

Operating Environment:

Temperature: 21.1 °C

Humidity: 54.2 % RH

Atmospheric Pressure: 1010 mbar

7.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	00	TX mode(Antenna 1)_Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report.
Final test	01	TX mode(Antenna 2)_Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report.

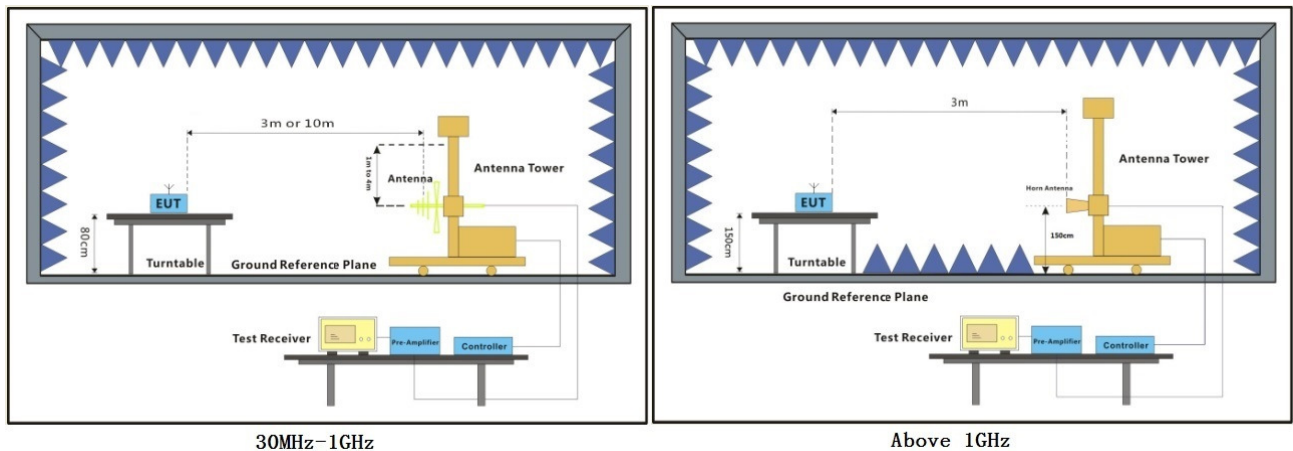


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7.2.3 Test Setup Diagram



7.2.4 Measurement Procedure and Data

- For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
- Test the EUT in the lowest channel, the middle channel, the Highest channel.
- The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- Repeat above procedures until all frequencies measured was complete.

Remark 1: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

Remark 2: For frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.

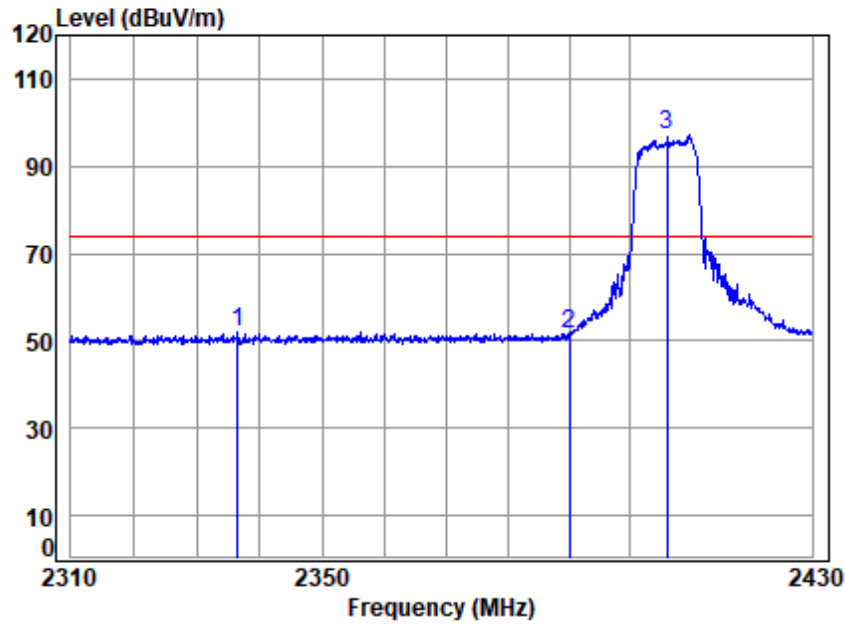


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Test Mode: 00; Polarity: Horizontal; Modulation: BPSK; Channel: Low

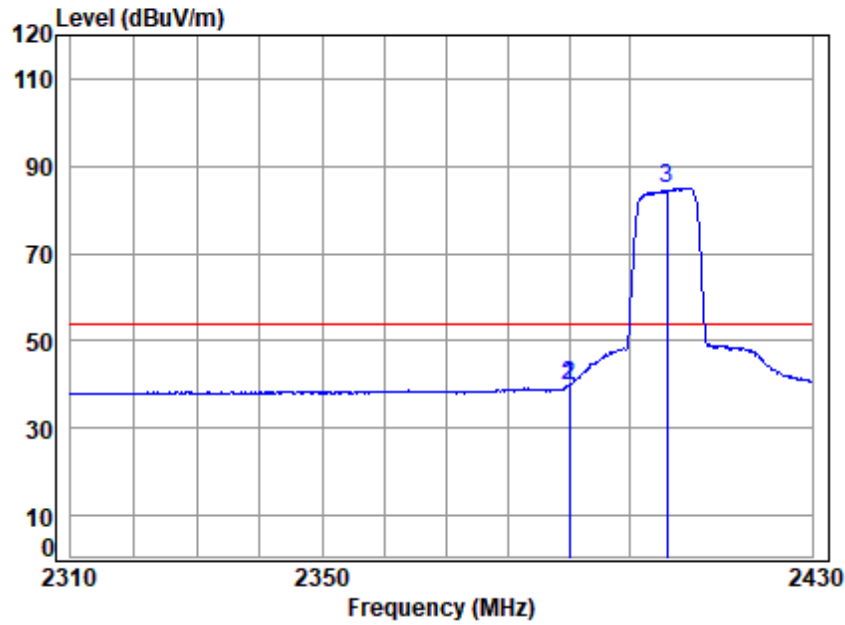


Site : chamber
Condition: 3m HORIZONTAL
Job No : 21416AT
Mode : 2406 Band edge

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dB	
1	2336.473	4.26	28.77	40.39	59.22	51.86	74.00	-22.14 peak
2	2390.000	4.34	28.88	40.42	58.58	51.38	74.00	-22.62 peak
3	2406.000	4.37	28.91	40.43	104.38	97.23	74.00	23.23 peak



Test Mode: 00; Polarity: Horizontal; Modulation: BPSK; Channel: Low

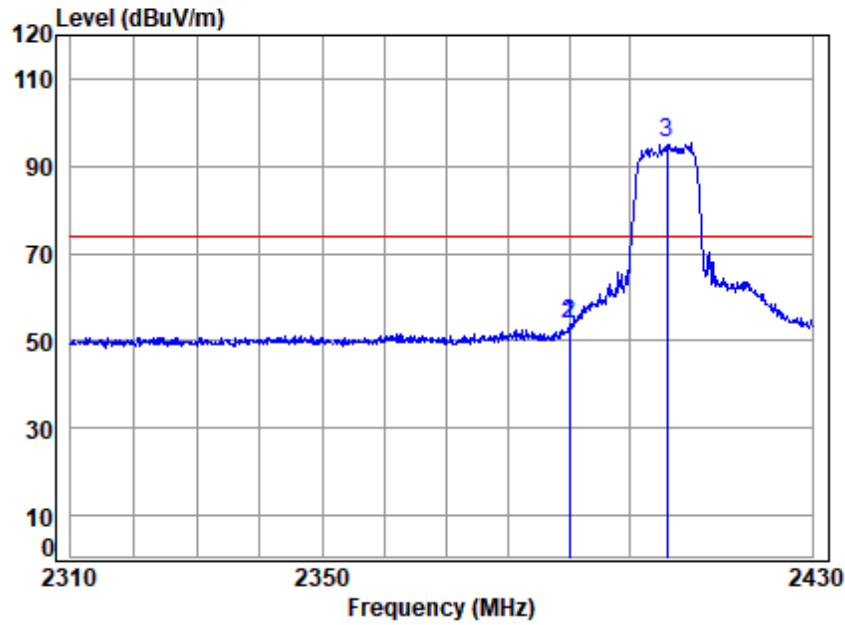


Site : chamber
Condition: 3m HORIZONTAL
Job No : 21416AT
Mode : 2406 Band edge

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dB	
1	2389.968	4.34	28.88	40.42	47.12	39.92	54.00	-14.08 Average
2	2390.000	4.34	28.88	40.42	47.12	39.92	54.00	-14.08 Average
3	2406.000	4.37	28.91	40.43	92.21	85.06	54.00	31.06 Average



Test Mode: 00; Polarity: Vertical; Modulation: BPSK; Channel: Low



Site : chamber

Condition: 3m VERTICAL

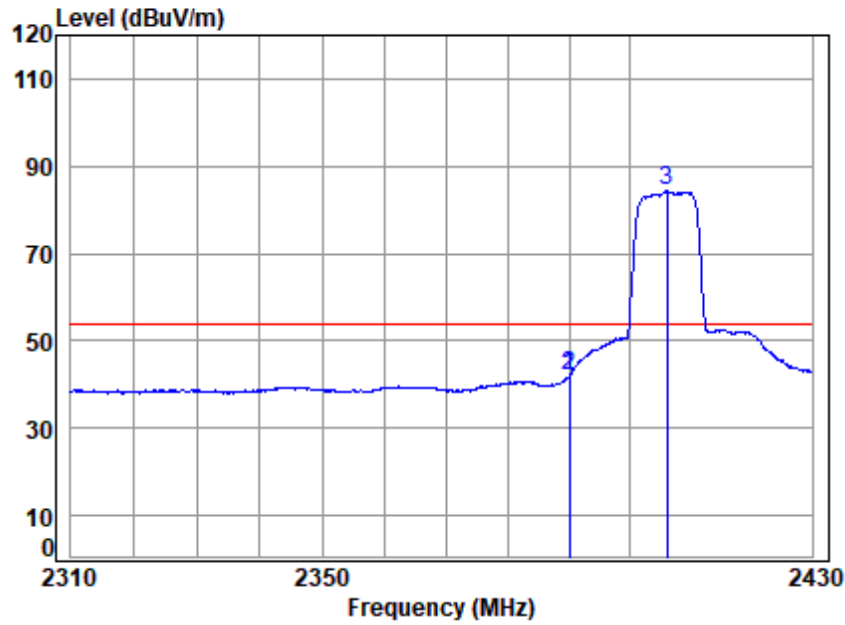
Job No : 21416AT

Mode : 2406 Band edge

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dB	
1	2389.968	4.34	28.88	40.42	60.91	53.71	74.00	-20.29 Peak
2	2390.000	4.34	28.88	40.42	60.91	53.71	74.00	-20.29 Peak
3	2406.000	4.37	28.91	40.43	102.28	95.13	74.00	21.13 Peak



Test Mode: 00; Polarity: Vertical; Modulation: BPSK; Channel: Low



Site : chamber

Condition: 3m VERTICAL

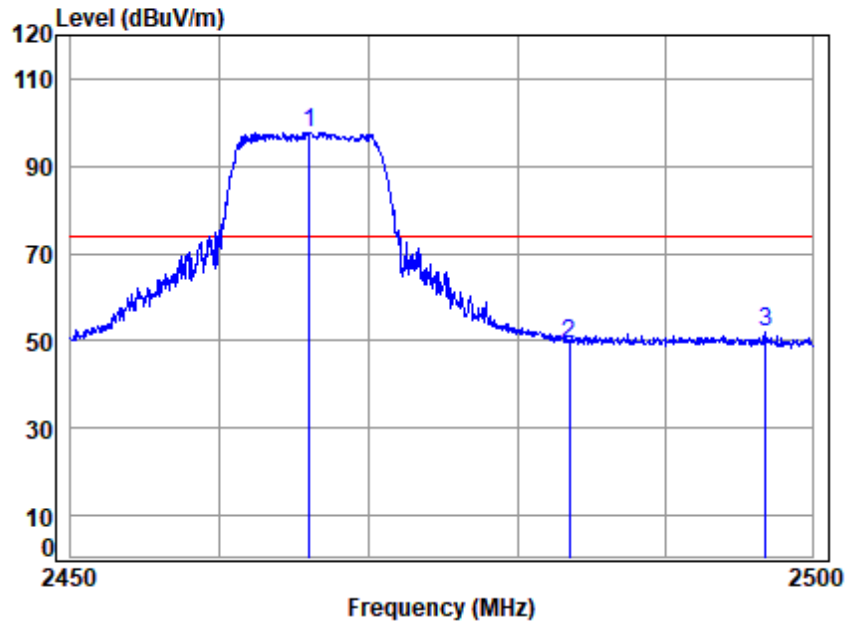
Job No : 21416AT

Mode : 2406 Band edge

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dB	
1	2389.968	4.34	28.88	40.42	49.10	41.90	54.00	-12.10 Average
2	2390.000	4.34	28.88	40.42	49.10	41.90	54.00	-12.10 Average
3	2406.000	4.37	28.91	40.43	91.67	84.52	54.00	30.52 Average



Test Mode: 00; Polarity: Horizontal; Modulation: BPSK; Channel: High



Site : chamber

Condition: 3m HORIZONTAL

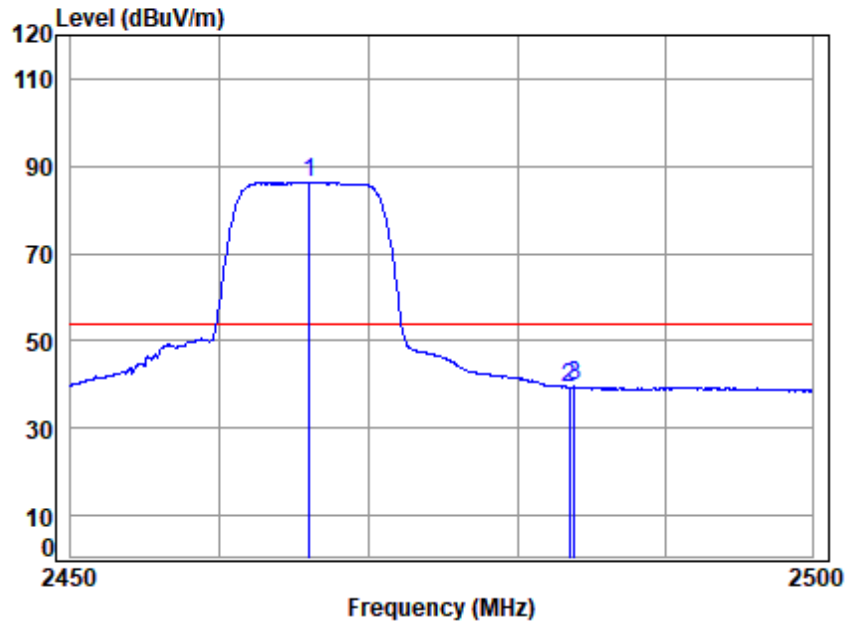
Job No : 21416AT

Mode : 2466 Band edge

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 . 2466.000		4.46	29.02	40.46	104.69	97.71	74.00	23.71 peak
2 2483.500		4.49	29.07	40.47	56.37	49.46	74.00	-24.54 peak
3 2496.820		4.52	29.09	40.47	58.81	51.95	74.00	-22.05 peak



Test Mode: 00; Polarity: Horizontal; Modulation: BPSK; Channel: High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 21416AT
Mode : 2466 Band edge

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dB	
1 . 2466.000		4.46	29.02	40.46	93.26	86.28	54.00	32.28 Average
2 2483.500		4.49	29.07	40.47	46.26	39.35	54.00	-14.65 Average
3 2483.840		4.49	29.07	40.47	46.39	39.48	54.00	-14.52 Average

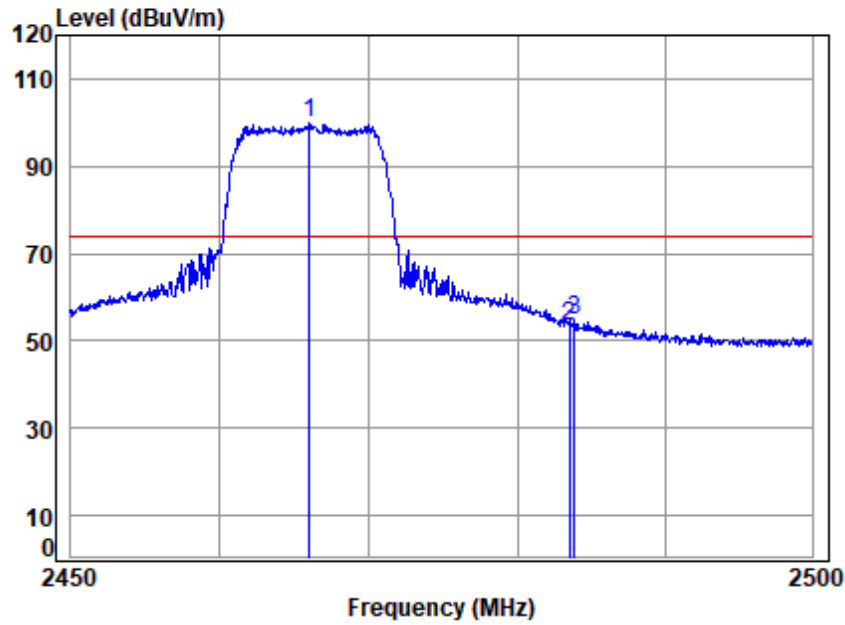


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Test Mode: 00; Polarity: Vertical; Modulation: BPSK; Channel: High



Site : chamber

Condition: 3m VERTICAL

Job No : 21416AT

Mode : 2466 Band edge

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dB	
1 . 2466.000		4.46	29.02	40.46	106.68	99.70	74.00	25.70 peak
2 2483.500		4.49	29.07	40.47	60.21	53.30	74.00	-20.70 peak
3 2483.890		4.49	29.07	40.47	61.82	54.91	74.00	-19.09 peak



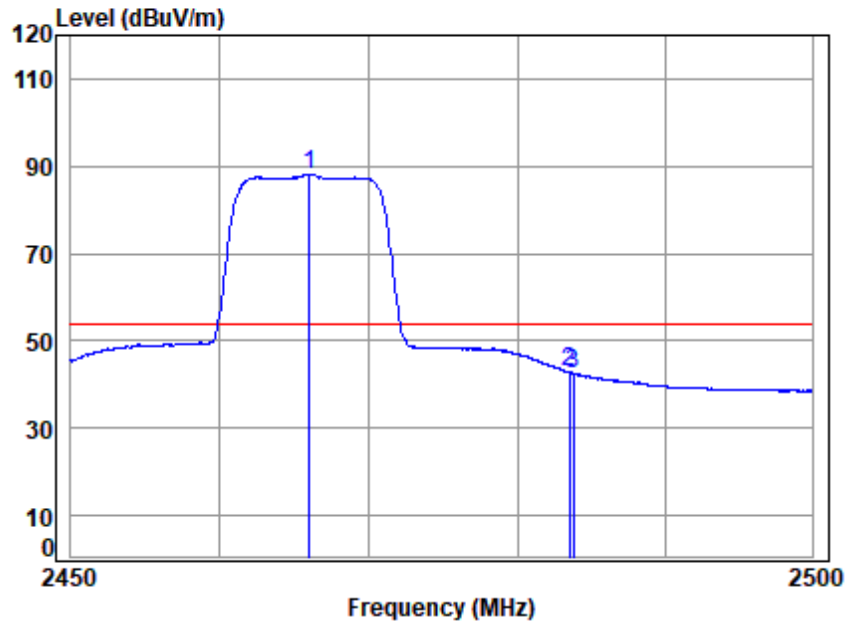
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Test Mode: 00; Polarity: Vertical; Modulation: BPSK; Channel: High



Site : chamber

Condition: 3m VERTICAL

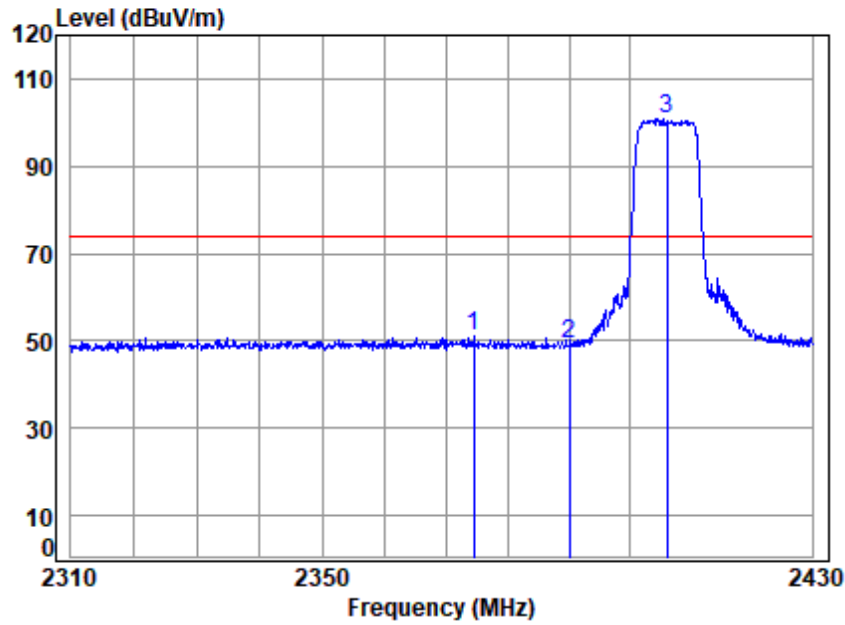
Job No : 21416AT

Mode : 2466 Band edge

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dB	
1 . 2466.000		4.46	29.02	40.46	95.20	88.22	54.00	34.22 Average
2 2483.500		4.49	29.07	40.47	49.78	42.87	54.00	-11.13 Average
3 2483.790		4.49	29.07	40.47	49.41	42.50	54.00	-11.50 Average



Test Mode: 01; Polarity: Horizontal; Modulation: BPSK; Channel: Low



Site : chamber

Condition: 3m HORIZONTAL

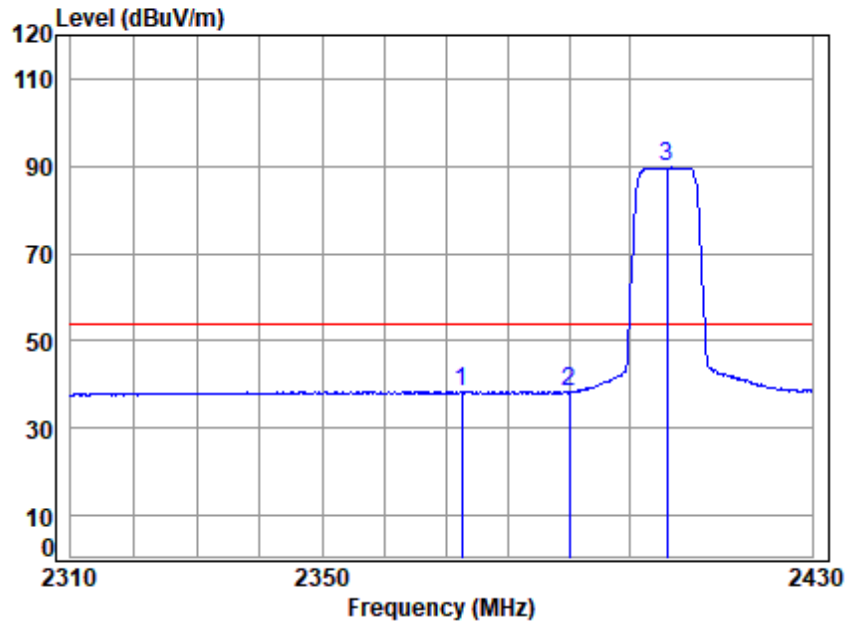
Job No : 21416AT

Mode : 2406 Band edge

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dB	
1	2374.406	4.32	28.85	40.41	58.22	50.98	74.00	-23.02 peak
2	2390.000	4.34	28.88	40.42	56.35	49.15	74.00	-24.85 peak
3	2406.000	4.38	28.92	40.43	107.91	100.78	74.00	26.78 peak



Test Mode: 01; Polarity: Horizontal; Modulation: BPSK; Channel: Low

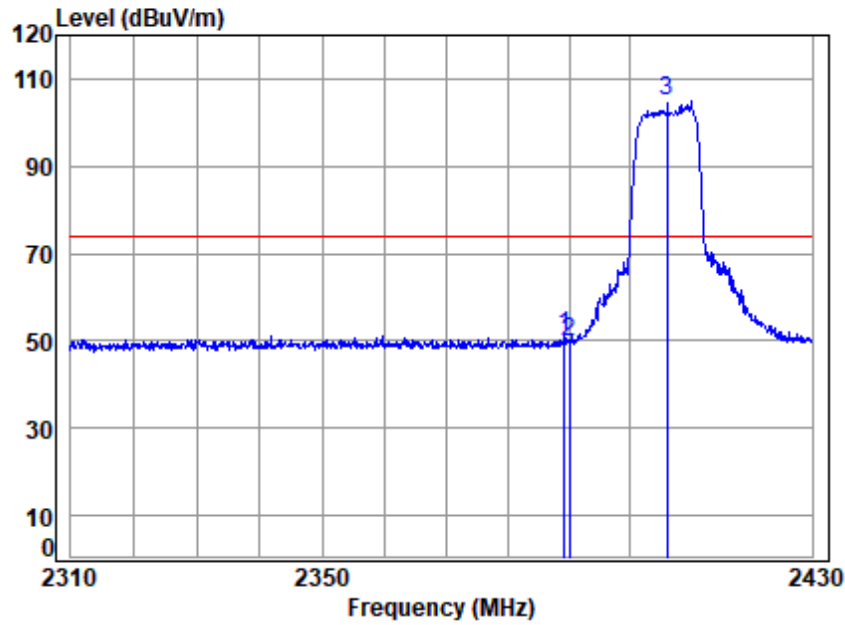


Site : chamber
Condition: 3m HORIZONTAL
Job No : 21416AT
Mode : 2406 Band edge

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dB	
1	2372.602	4.32	28.84	40.41	45.71	38.46	54.00	-15.54 Average
2	2390.000	4.34	28.88	40.42	45.57	38.37	54.00	-15.63 Average
3	2406.000	4.38	28.92	40.43	96.89	89.76	54.00	35.76 Average



Test Mode: 01; Polarity: Vertical; Modulation: BPSK; Channel: Low



Site : chamber

Condition: 3m VERTICAL

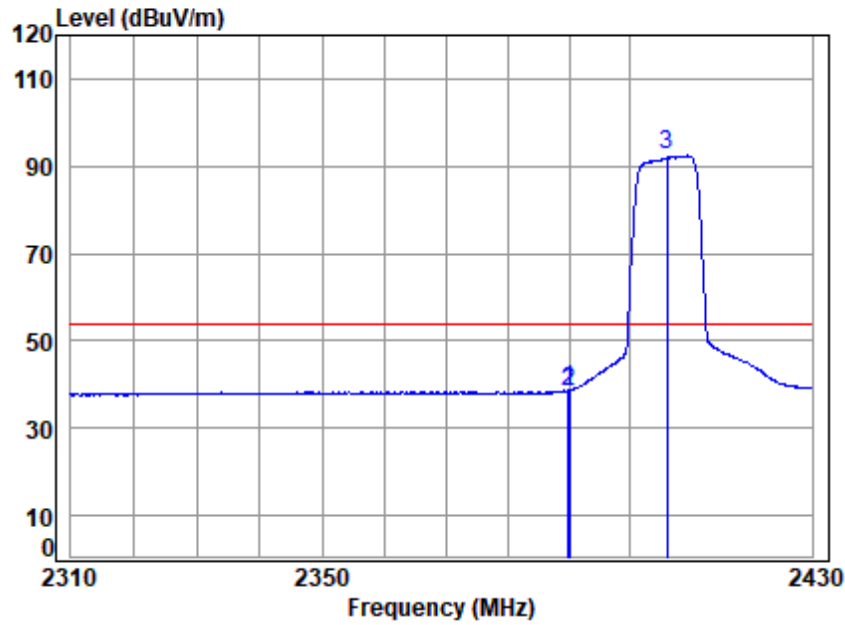
Job No : 21416AT

Mode : 2406 Band edge

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dB	
1	2389.242	4.34	28.88	40.42	58.28	74.00	-22.92	peak
2	2390.000	4.34	28.88	40.42	56.98	74.00	-24.22	peak
3	2406.000	4.38	28.92	40.43	112.26	74.00	31.13	peak



Test Mode: 01; Polarity: Vertical; Modulation: BPSK; Channel: Low



Site : chamber

Condition: 3m VERTICAL

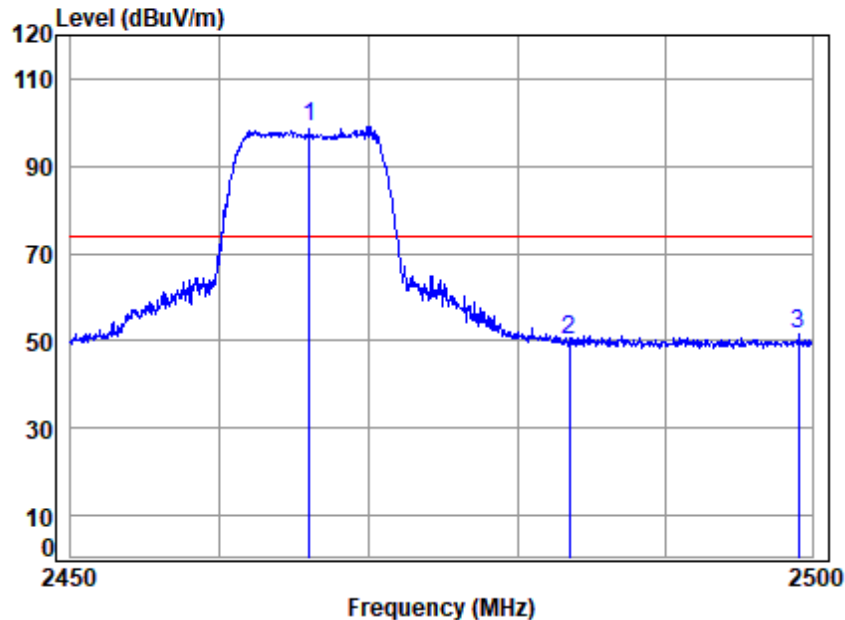
Job No : 21416AT

Mode : 2406 Band edge

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dB	
1	2389.847	4.34	28.88	40.42	45.78	38.58	54.00	-15.42 Average
2	2390.000	4.34	28.88	40.42	45.70	38.50	54.00	-15.50 Average
3	2406.000	4.38	28.92	40.43	99.53	92.40	54.00	38.40 Average



Test Mode: 01; Polarity: Horizontal; Modulation: BPSK; Channel: High



Site : chamber

Condition: 3m HORIZONTAL

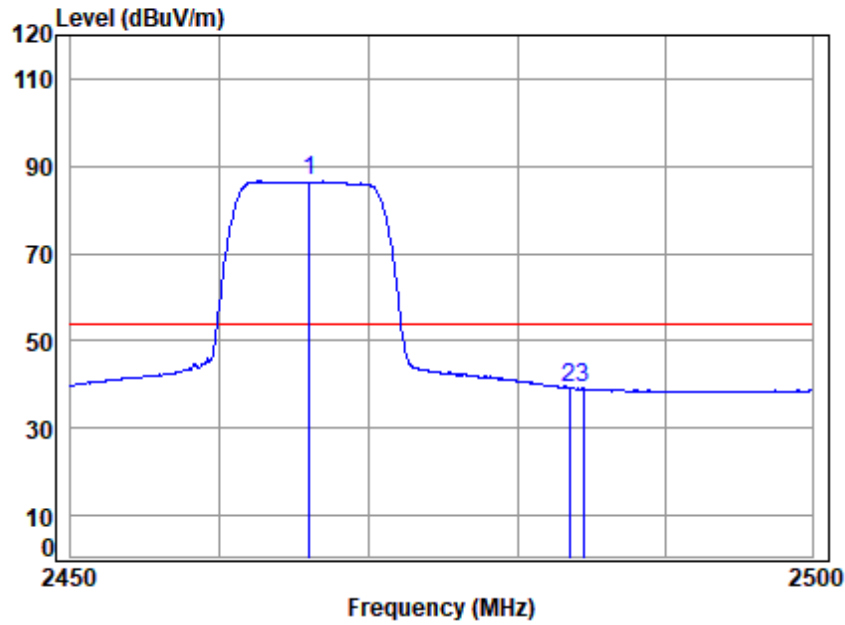
Job No : 21416AT

Mode : 2466 Band edge

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 . 2466.000		4.46	29.02	40.46	106.13	99.15	74.00	25.15 peak
2 2483.500		4.49	29.07	40.47	57.18	50.27	74.00	-23.73 peak
3 2499.091		4.52	29.10	40.47	58.56	51.71	74.00	-22.29 peak



Test Mode: 01; Polarity: Horizontal; Modulation: BPSK; Channel: High

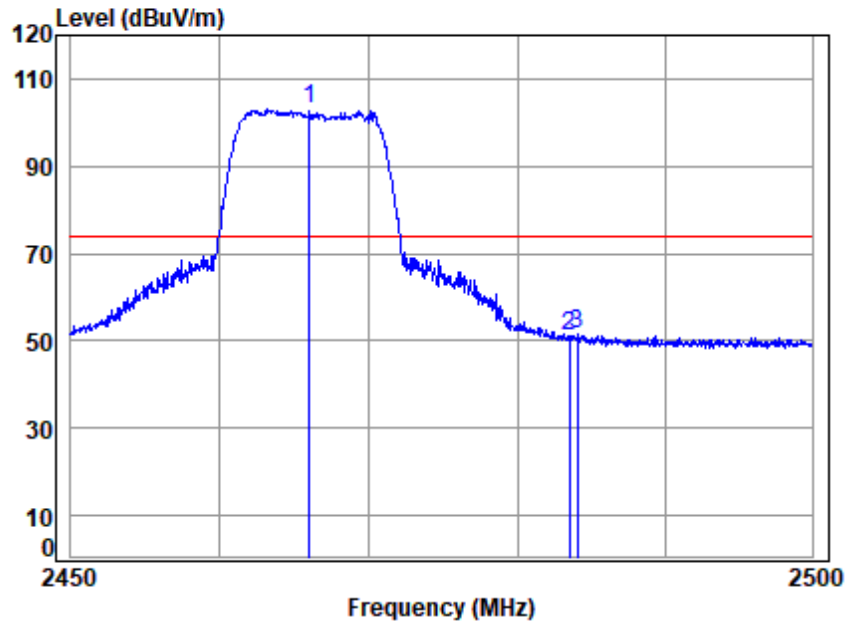


Site : chamber
Condition: 3m HORIZONTAL
Job No : 21416AT
Mode : 2466 Band edge

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 . 2466.000		4.46	29.02	40.46	93.58	86.60	54.00	32.60 Average
2 2483.500		4.49	29.07	40.47	46.11	39.20	54.00	-14.80 Average
3 2484.442		4.50	29.07	40.47	46.04	39.14	54.00	-14.86 Average



Test Mode: 01; Polarity: Vertical; Modulation: BPSK; Channel: High



Site : chamber

Condition: 3m VERTICAL

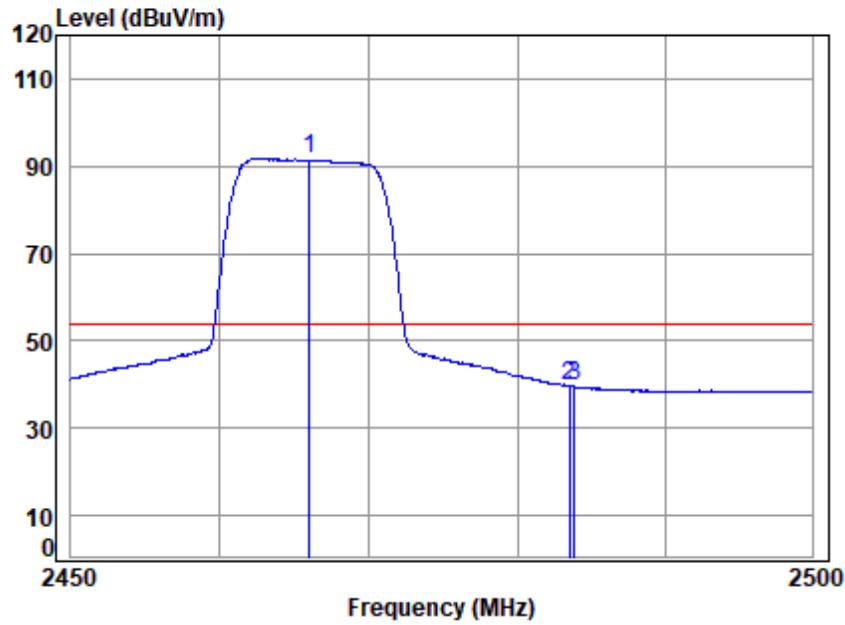
Job No : 21416AT

Mode : 2466 Band edge

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dB	
1 . 2466.000		4.46	29.02	40.46	110.12	103.14	74.00	29.14 peak
2 2483.500		4.49	29.07	40.47	58.06	51.15	74.00	-22.85 peak
3 2484.091		4.50	29.07	40.47	58.65	51.75	74.00	-22.25 peak



Test Mode: 01; Polarity: Vertical; Modulation: BPSK; Channel: High



Site : chamber

Condition: 3m VERTICAL

Job No : 21416AT

Mode : 2466 Band edge

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dB	
1 . 2466.000		4.46	29.02	40.46	98.76	91.78	54.00	37.78 Average
2 2483.500		4.49	29.07	40.47	46.51	39.60	54.00	-14.40 Average
3 2483.840		4.49	29.07	40.47	46.38	39.47	54.00	-14.53 Average



7.3 Radiated Spurious Emissions Below 1GHz

Test Requirement 47 CFR Part 15, Subpart C 15.205 & 15.209

Test Method: ANSI C63.10 (2013) Section 6.4,6.5

Measurement Distance: 3m

Limit:

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
960-1000	500	3

7.3.1 E.U.T. Operation

Operating Environment:

Temperature: 25.9 °C

Humidity: 57.4 % RH

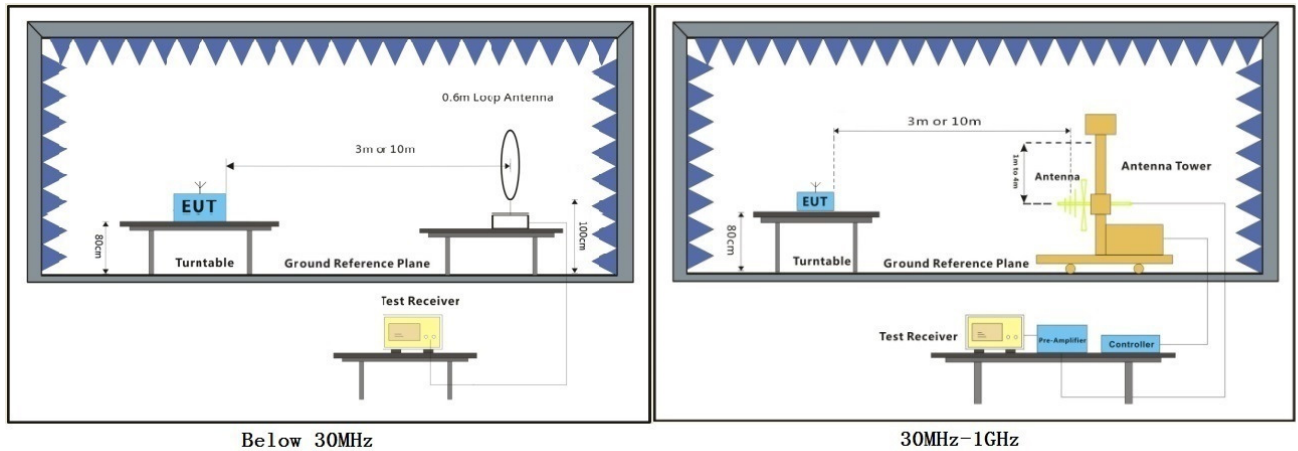
Atmospheric Pressure: 1010 mbar

7.3.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	00	TX mode(Antenna 1)_Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report.
Final test	01	TX mode(Antenna 2)_Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report.



7.3.3 Test Setup Diagram



7.3.4 Measurement Procedure and Data

- For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using quasi-peak method as specified and then reported in a data sheet.
- Test the EUT in the lowest channel, the middle channel, the Highest channel.
- The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- Repeat above procedures until all frequencies measured was complete.

Remark:

- Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
- Scan from 9kHz to 30MHz, the disturbance below 30MHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.
- The disturbance below 1GHz was very low and the harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.

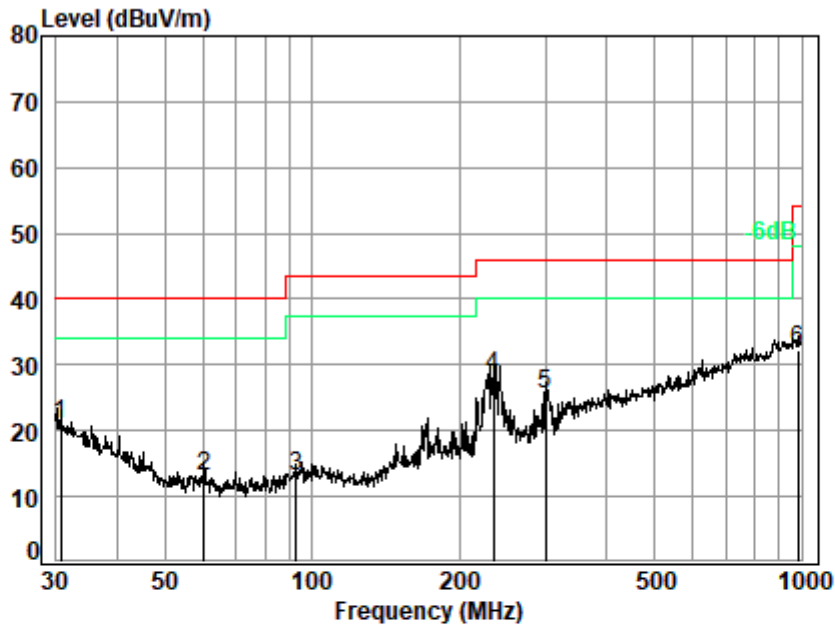


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Test Mode: 00; Polarity: Horizontal

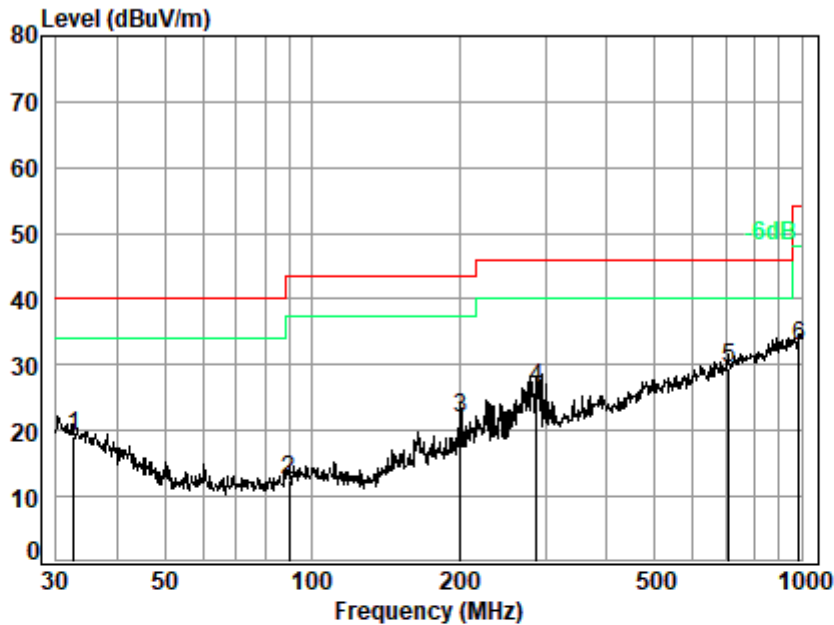


Site : chamber
Condition: 3m HORIZONTAL
Job No. : 21416AT
Test Mode: 00

	Ant	Cable	Preamp	Read	Limit	Over	
Freq	Factor	Loss	Factor	Level	Level	Line	Limit Remark
MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB
1	30.64	22.51	0.61	27.73	25.59	20.98	40.00 -19.02 QP
2	60.28	12.83	0.80	27.66	27.26	13.23	40.00 -26.77 QP
3	92.79	13.50	1.24	27.62	25.85	12.97	43.50 -30.53 QP
4 q	234.99	17.55	1.52	27.03	36.11	28.15	46.00 -17.85 QP
5	299.32	19.05	2.00	26.87	31.34	25.52	46.00 -20.48 QP
6	982.62	29.54	3.58	26.74	25.94	32.32	54.00 -21.68 QP



Test Mode: 00; Polarity: Vertical

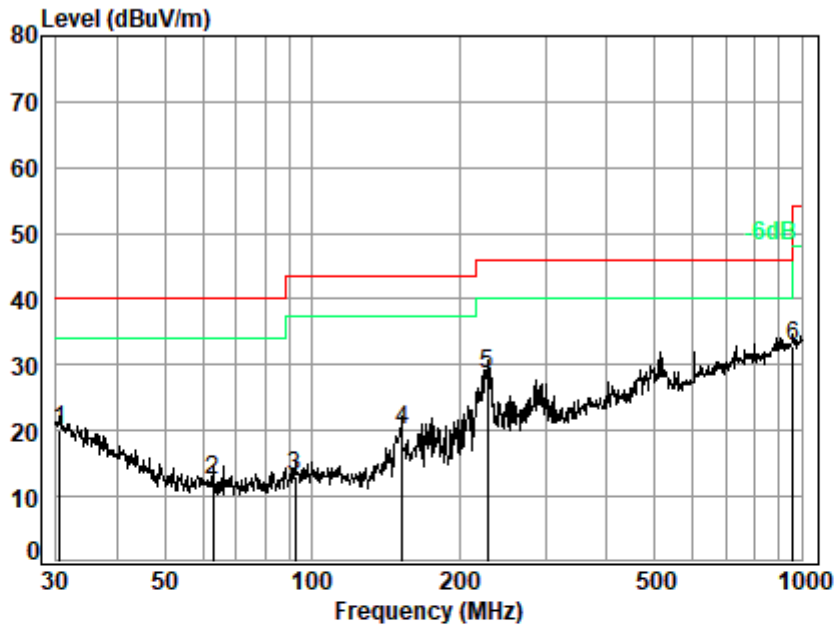


Site : chamber
Condition: 3m VERTICAL
Job No. : 21416AT
Test Mode: 00

	Ant	Cable	Preamp	Read		Limit	Over	
Freq	Factor	Loss	Factor	Level	Level	Line	Limit	Remark
MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	32.52	21.34	0.63	27.73	24.87	19.11	40.00	-20.89 QP
2	89.59	13.06	1.30	27.62	25.85	12.59	43.50	-30.91 QP
3	200.69	15.84	1.21	27.14	31.98	21.89	43.50	-21.61 QP
4	286.98	18.33	1.91	26.90	33.05	26.39	46.00	-19.61 QP
5 q	709.18	27.29	2.94	27.90	27.29	29.62	46.00	-16.38 QP
6	989.54	29.64	3.59	26.71	26.26	32.78	54.00	-21.22 QP



Test Mode: 01; Polarity: Horizontal

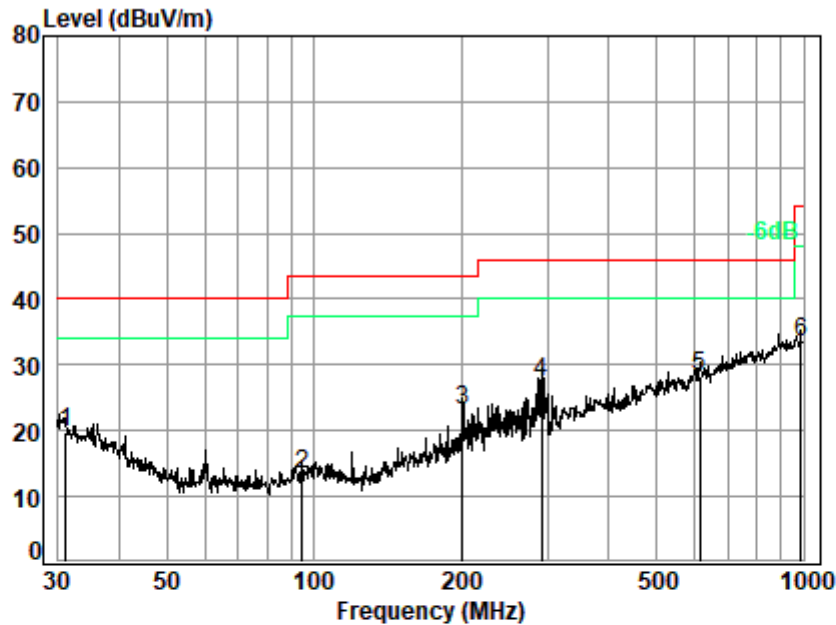


Site : chamber
Condition: 3m HORIZONTAL
Job No. : 21416AT
Test Mode: 01

	Ant	Cable	Preamp	Read		Limit	Over	
Freq	Factor	Loss	Factor	Level	Level	Line	Limit	Remark
MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	30.53	22.59	0.61	27.73	24.69	20.16	40.00	-19.84 QP
2	62.65	12.90	0.80	27.66	26.58	12.62	40.00	-27.38 QP
3	92.14	13.50	1.26	27.62	25.97	13.11	43.50	-30.39 QP
4	152.66	14.89	1.16	27.33	31.36	20.08	43.50	-23.42 QP
5 q	228.49	17.23	1.46	27.05	37.05	28.69	46.00	-17.31 QP
6	962.16	29.50	3.56	26.84	26.55	32.77	54.00	-21.23 QP



Test Mode: 01; Polarity: Vertical



Site : chamber
Condition: 3m VERTICAL
Job No. : 21416AT
Test Mode: 01

	Ant	Cable	Preamp	Read		Limit	Over	
Freq	Factor	Loss	Factor	Level	Level	Line	Limit	Remark
MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	31.07	22.19	0.61	27.73	24.80	19.87	40.00	-20.13 QP
2	94.43	13.56	1.21	27.62	26.17	13.32	43.50	-30.18 QP
3	200.69	15.84	1.21	27.14	33.16	23.07	43.50	-20.43 QP
4	291.04	18.38	1.94	26.89	34.09	27.52	46.00	-18.48 QP
5 q	614.21	26.47	2.73	28.10	27.32	28.42	46.00	-17.58 QP
6	986.07	29.59	3.59	26.73	26.93	33.38	54.00	-20.62 QP



7.4 Radiated Spurious Emissions Above 1GHz

Test Requirement 47 CFR Part 15, Subpart C 15.205 & 15.209

Test Method: ANSI C63.10 (2013) Section 6.6

Measurement Distance: 3m

Limit:

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
Above 1000	500	3

7.4.1 E.U.T. Operation

Operating Environment:

Temperature: 21.3 °C

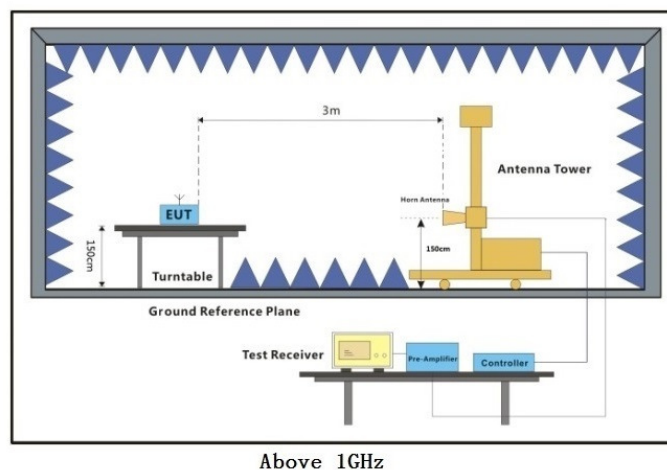
Humidity: 51.6 % RH

Atmospheric Pressure: 1010 mbar

7.4.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	00	TX mode(Antenna 1)_Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report.
Final test	01	TX mode(Antenna 2)_Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report.

7.4.3 Test Setup Diagram



7.4.4 Measurement Procedure and Data

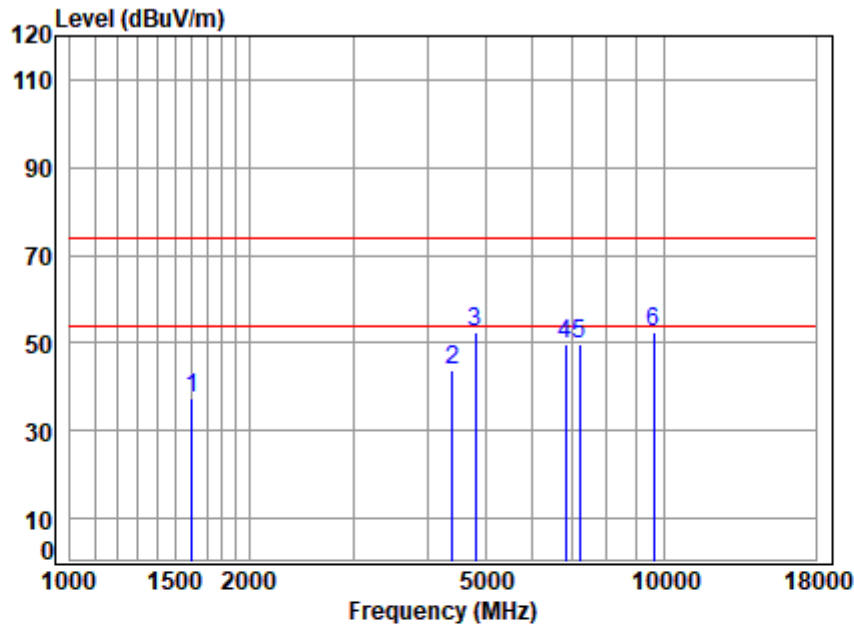
- a. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak or average method as specified and then reported in a data sheet.
- g. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- i. Repeat above procedures until all frequencies measured was complete.

Remark:

1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
2. Scan from 1GHz to 25GHz, the disturbance above 18GHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.
3. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.



Test Mode: 00; Polarity: Horizontal; Modulation: BPSK; Channel: Low

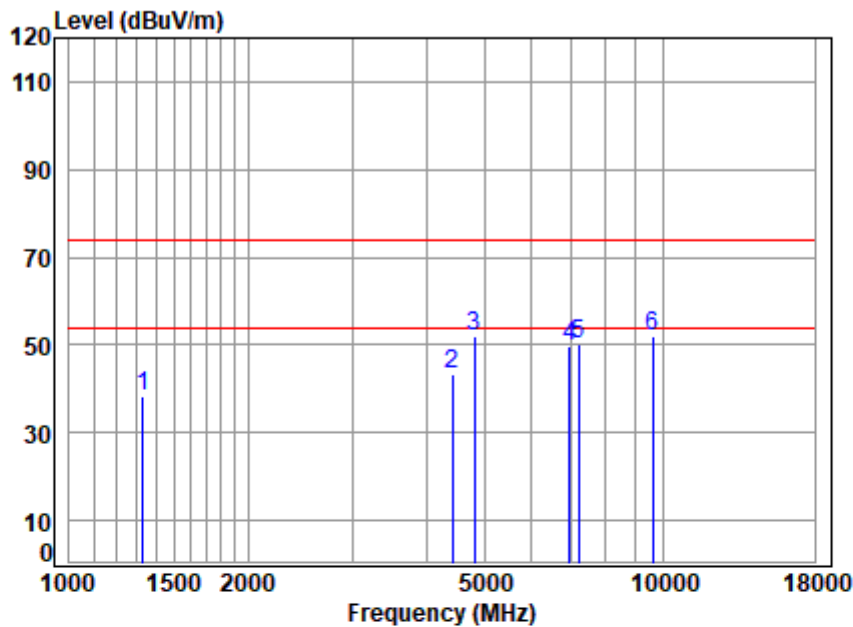


Site : chamber
Condition: 3m HORIZONTAL
Job No : 21416AT
Mode : 2406 TX SE
Note :

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1606.441	3.35	26.25	40.01	47.68	37.27	74.00	-36.73	peak
2	4405.090	6.67	32.93	41.79	46.04	43.85	74.00	-30.15	peak
3	4812.000	7.10	33.64	42.15	53.78	52.37	74.00	-21.63	peak
4	6835.278	8.46	35.21	41.81	47.81	49.67	74.00	-24.33	peak
5	7218.000	8.75	35.68	41.49	46.72	49.66	74.00	-24.34	peak
6	9624.000	10.80	37.35	37.74	41.95	52.36	74.00	-21.64	peak



Test Mode: 00; Polarity: Vertical; Modulation: BPSK; Channel: Low



Site : chamber
Condition: 3m VERTICAL
Job No : 21416AT
Mode : 2406 TX SE
Note :

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1331.288	3.00	25.38	39.85	49.70	38.23	74.00	-35.77	peak
2	4417.841	6.68	32.94	41.80	45.30	43.12	74.00	-30.88	peak
3	4812.000	7.10	33.64	42.15	53.41	52.00	74.00	-22.00	peak
4	6954.852	8.52	35.42	41.73	47.35	49.56	74.00	-24.44	peak
5	7218.000	8.75	35.68	41.49	47.47	50.41	74.00	-23.59	peak
6	9624.000	10.80	37.35	37.74	41.42	51.83	74.00	-22.17	peak



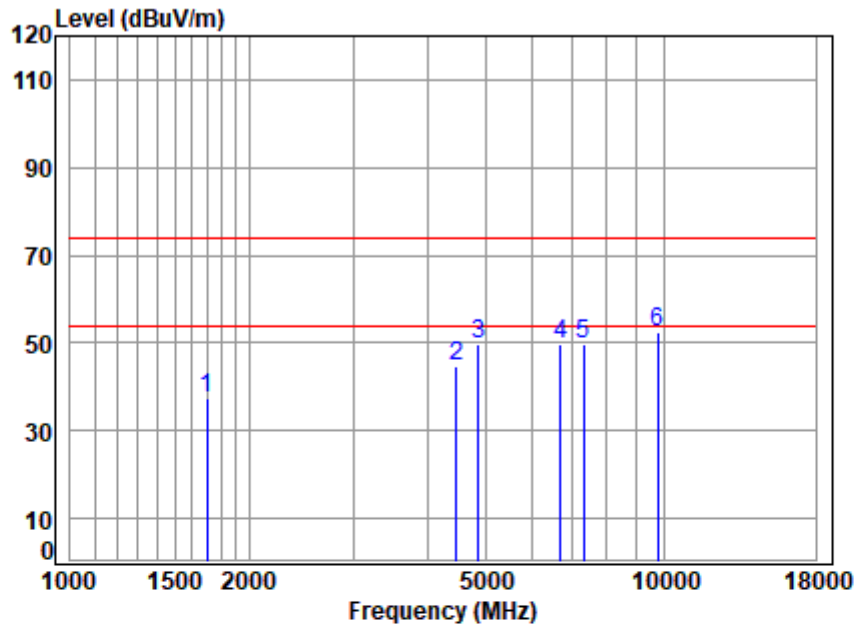
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Test Mode: 00; Polarity: Horizontal; Modulation: BPSK; Channel: middle

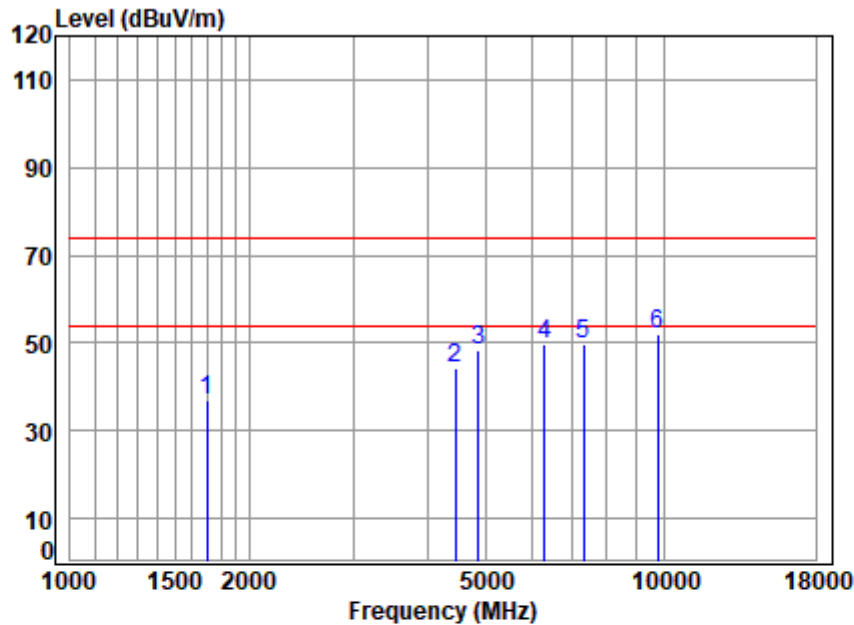


Site : chamber
Condition: 3m HORIZONTAL
Job No : 21416AT
Mode : 2436 TX SE
Note :

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1702.042	3.43	26.71	40.06	47.30	37.38	74.00	-36.62	peak
2	4469.214	6.73	32.98	41.85	46.94	44.80	74.00	-29.20	peak
3	4872.000	7.17	33.75	42.20	50.97	49.69	74.00	-24.31	peak
4	6698.373	8.39	34.97	41.90	48.15	49.61	74.00	-24.39	peak
5	7308.000	8.83	35.75	41.41	46.62	49.79	74.00	-24.21	peak
6	9744.000	10.77	37.40	37.53	41.83	52.47	74.00	-21.53	peak



Test Mode: 00; Polarity: Vertical; Modulation: BPSK; Channel: middle

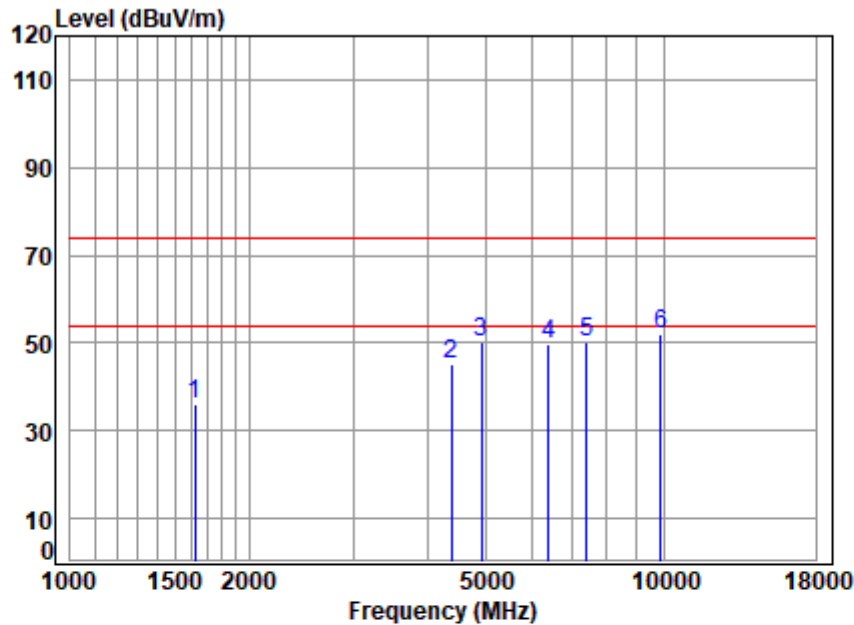


Site : chamber
Condition: 3m VERTICAL
Job No : 21416AT
Mode : 2436 TX SE
Note :

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1697.129	3.43	26.69	40.06	47.04	37.10	74.00	-36.90	peak
2	4456.315	6.72	32.97	41.84	46.58	44.43	74.00	-29.57	peak
3	4872.000	7.17	33.75	42.20	49.64	48.36	74.00	-25.64	peak
4	6303.890	8.27	34.60	42.18	48.87	49.56	74.00	-24.44	peak
5	7308.000	8.83	35.75	41.41	46.77	49.94	74.00	-24.06	peak
6	9744.000	10.77	37.40	37.53	41.40	52.04	74.00	-21.96	peak



Test Mode: 00; Polarity: Horizontal; Modulation: BPSK; Channel: High

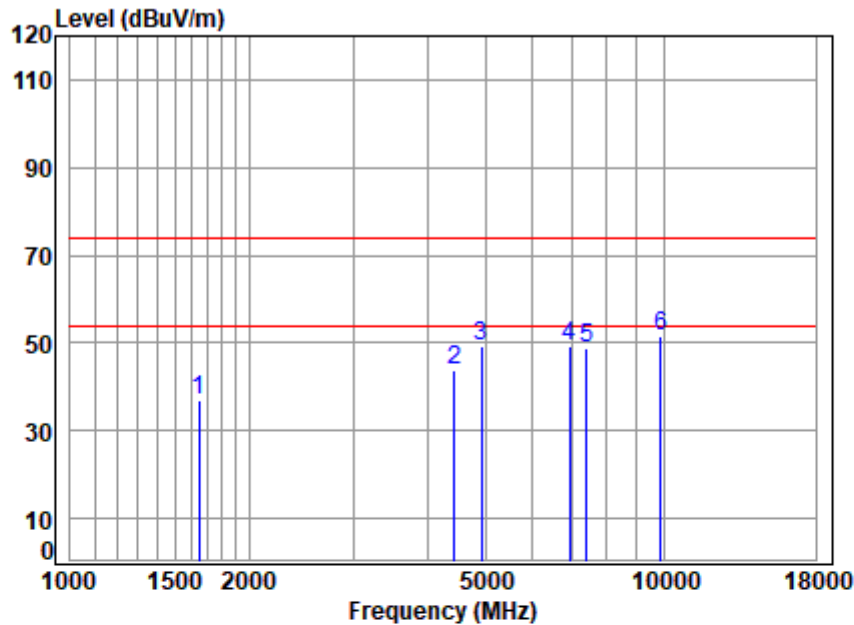


Site : chamber
Condition: 3m HORIZONTAL
Job No : 21416AT
Mode : 2466 TX SE
Note :

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1625.121	3.37	26.34	40.02	46.46	36.15	74.00	-37.85	peak
2	4392.376	6.66	32.92	41.78	47.21	45.01	74.00	-28.99	peak
3	4932.000	7.23	33.87	42.24	51.26	50.12	74.00	-23.88	peak
4	6395.654	8.28	34.60	42.11	48.84	49.61	74.00	-24.39	peak
5	7398.000	8.92	35.82	41.33	46.74	50.15	74.00	-23.85	peak
6	9864.000	10.73	37.45	37.33	41.11	51.96	74.00	-22.04	peak



Test Mode: 00; Polarity: Vertical; Modulation: BPSK; Channel: High

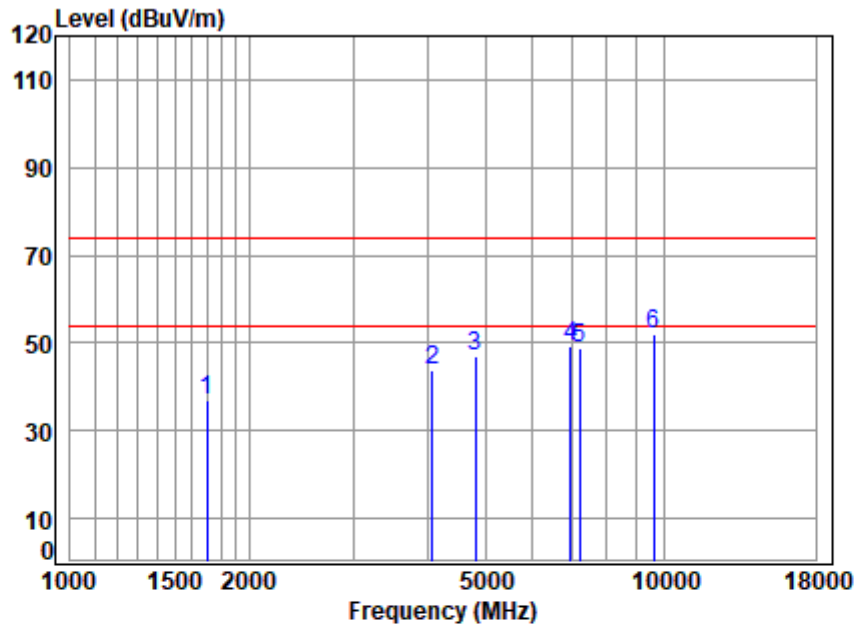


Site : chamber
Condition: 3m VERTICAL
Job No : 21416AT
Mode : 2466 TX SE
Note :

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1648.778	3.39	26.46	40.03	46.91	36.73	74.00	-37.27	peak
2	4443.453	6.71	32.96	41.82	46.14	43.99	74.00	-30.01	peak
3	4932.000	7.23	33.87	42.24	50.60	49.46	74.00	-24.54	peak
4	6934.778	8.51	35.39	41.74	47.22	49.38	74.00	-24.62	peak
5	7398.000	8.92	35.82	41.33	45.63	49.04	74.00	-24.96	peak
6	9864.000	10.73	37.45	37.33	40.72	51.57	74.00	-22.43	peak



Test Mode: 01; Polarity: Horizontal; Modulation: BPSK; Channel: Low

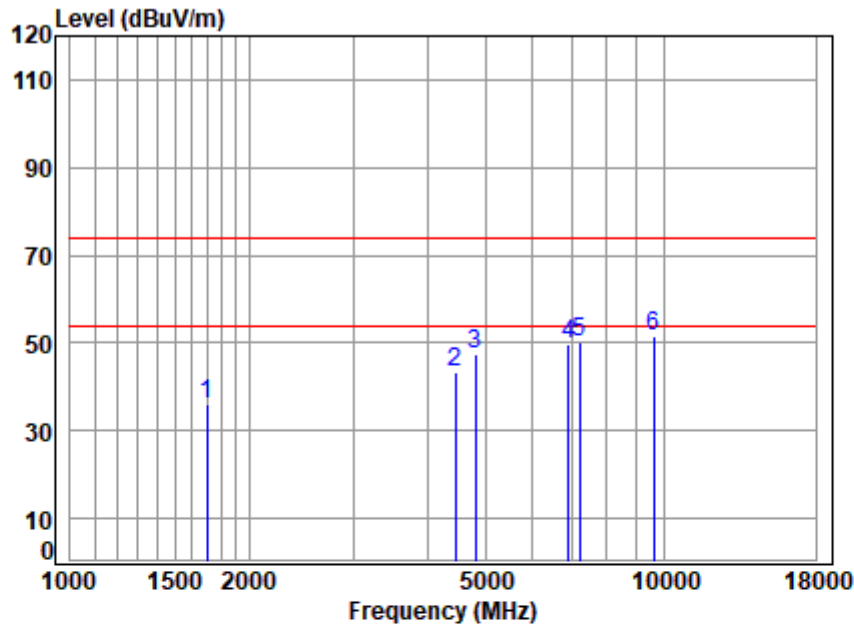


Site : chamber
Condition: 3m HORIZONTAL
Job No : 21416AT
Mode : 2406 TX SE
Note :

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1702.042	3.43	26.71	40.06	46.95	37.03	74.00	-36.97	peak
2	4074.388	6.36	32.66	41.47	46.03	43.58	74.00	-30.42	peak
3	4812.000	7.10	33.64	42.15	48.33	46.92	74.00	-27.08	peak
4	6954.852	8.52	35.42	41.73	47.13	49.34	74.00	-24.66	peak
5	7218.000	8.75	35.68	41.49	45.90	48.84	74.00	-25.16	peak
6	9624.000	10.80	37.35	37.74	41.60	52.01	74.00	-21.99	peak



Test Mode: 01; Polarity: Vertical; Modulation: BPSK; Channel: Low

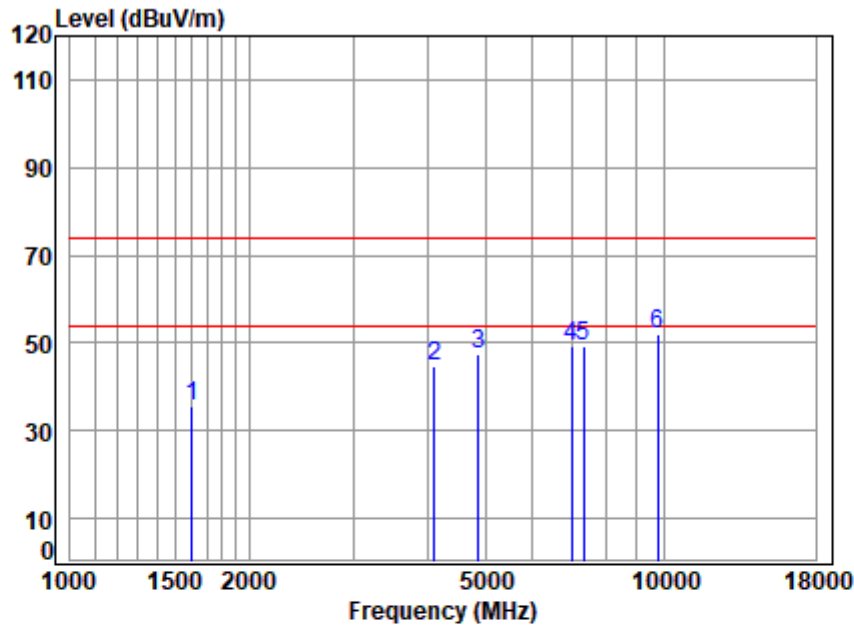


Site : chamber
Condition: 3m VERTICAL
Job No : 21416AT
Mode : 2406 TX SE
Note :

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1702.042	3.43	26.71	40.06	46.09	36.17	74.00	-37.83	peak
2	4456.315	6.72	32.97	41.84	45.33	43.18	74.00	-30.82	peak
3	4812.000	7.10	33.64	42.15	49.04	47.63	74.00	-26.37	peak
4	6894.806	8.49	35.32	41.77	47.53	49.57	74.00	-24.43	peak
5	7218.000	8.75	35.68	41.49	47.34	50.28	74.00	-23.72	peak
6	9624.000	10.80	37.35	37.74	41.14	51.55	74.00	-22.45	peak



Test Mode: 01; Polarity: Horizontal; Modulation: BPSK; Channel: middle

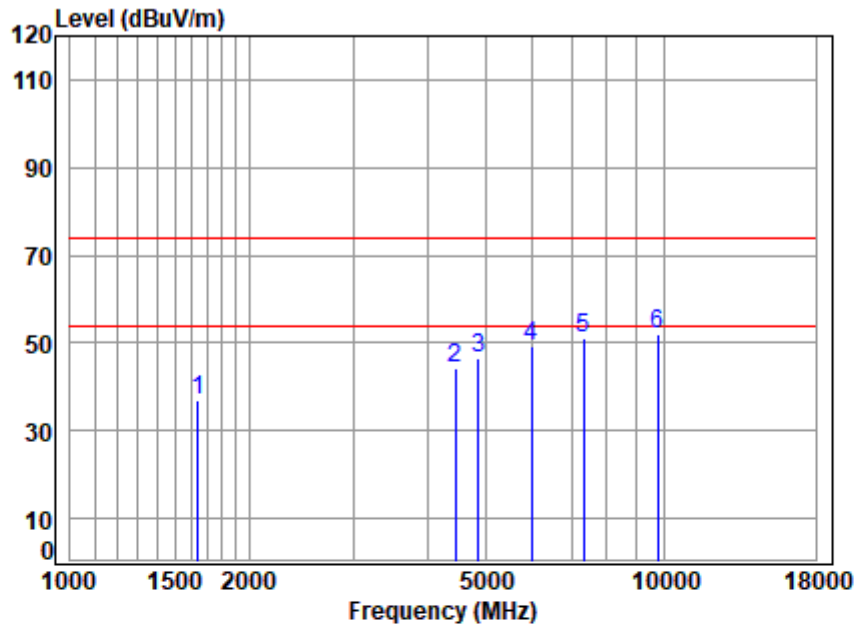


Site : chamber
Condition: 3m HORIZONTAL
Job No : 21416AT
Mode : 2436 TX SE
Note :

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1606.441	3.35	26.25	40.01	46.20	35.79	74.00	-38.21	peak
2	4109.872	6.39	32.69	41.51	47.13	44.70	74.00	-29.30	peak
3	4872.000	7.17	33.75	42.20	48.62	47.34	74.00	-26.66	peak
4	6995.172	8.54	35.49	41.70	46.85	49.18	74.00	-24.82	peak
5	7308.000	8.83	35.75	41.41	46.11	49.28	74.00	-24.72	peak
6	9744.000	10.77	37.40	37.53	41.29	51.93	74.00	-22.07	peak



Test Mode: 01; Polarity: Vertical; Modulation: BPSK; Channel: middle

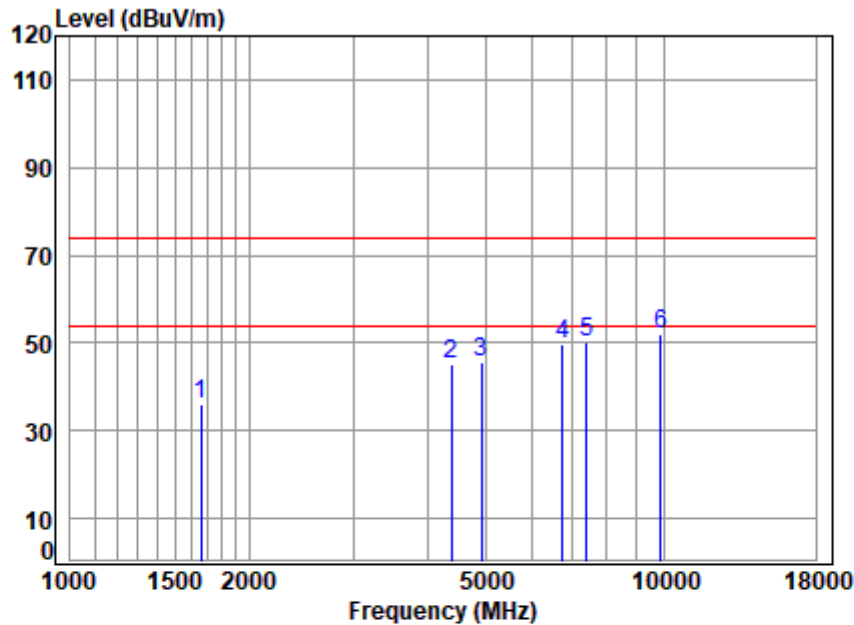


Site : chamber
Condition: 3m VERTICAL
Job No : 21416AT
Mode : 2436 TX SE
Note :

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1639.274	3.38	26.41	40.03	47.02	36.78	74.00	-37.22	peak
2	4456.315	6.72	32.97	41.84	46.50	44.35	74.00	-29.65	peak
3	4872.000	7.17	33.75	42.20	47.62	46.34	74.00	-27.66	peak
4	5984.305	8.26	34.59	42.40	49.02	49.47	74.00	-24.53	peak
5	7308.000	8.83	35.75	41.41	47.99	51.16	74.00	-22.84	peak
6	9744.000	10.77	37.40	37.53	41.25	51.89	74.00	-22.11	peak



Test Mode: 01; Polarity: Horizontal; Modulation: BPSK; Channel: High

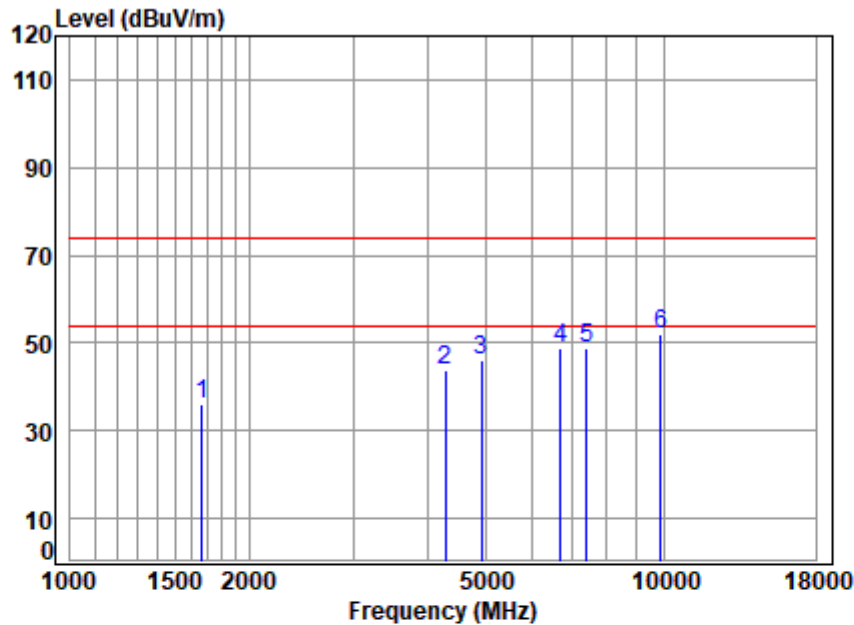


Site : chamber
Condition: 3m HORIZONTAL
Job No : 21416AT
Mode : 2466 TX SE
Note :

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1658.337	3.40	26.50	40.04	46.14	36.00	74.00	-38.00	peak
2	4392.376	6.66	32.92	41.78	47.34	45.14	74.00	-28.86	peak
3	4932.000	7.23	33.87	42.24	46.92	45.78	74.00	-28.22	peak
4	6756.708	8.42	35.07	41.86	48.29	49.92	74.00	-24.08	peak
5	7398.000	8.92	35.82	41.33	46.85	50.26	74.00	-23.74	peak
6	9864.000	10.73	37.45	37.33	41.26	52.11	74.00	-21.89	peak



Test Mode: 01; Polarity: Vertical; Modulation: BPSK; Channel: High



Site : chamber
Condition: 3m VERTICAL
Job No : 21416AT
Mode : 2466 TX SE
Note :

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1667.951	3.40	26.55	40.04	46.29	36.20	74.00	-37.80	peak
2	4279.589	6.56	32.83	41.67	46.09	43.81	74.00	-30.19	peak
3	4932.000	7.23	33.87	42.24	47.01	45.87	74.00	-28.13	peak
4	6698.373	8.39	34.97	41.90	47.52	48.98	74.00	-25.02	peak
5	7398.000	8.92	35.82	41.33	45.49	48.90	74.00	-25.10	peak
6	9864.000	10.73	37.45	37.33	41.35	52.20	74.00	-21.80	peak



8 Test Setup Photo

Refer to test setup Photos for SZCR2106021416AT

9 EUT Constructional Details (EUT Photos)

Refer to External and Internal Photos for SZCR2106021416AT



10 Appendix

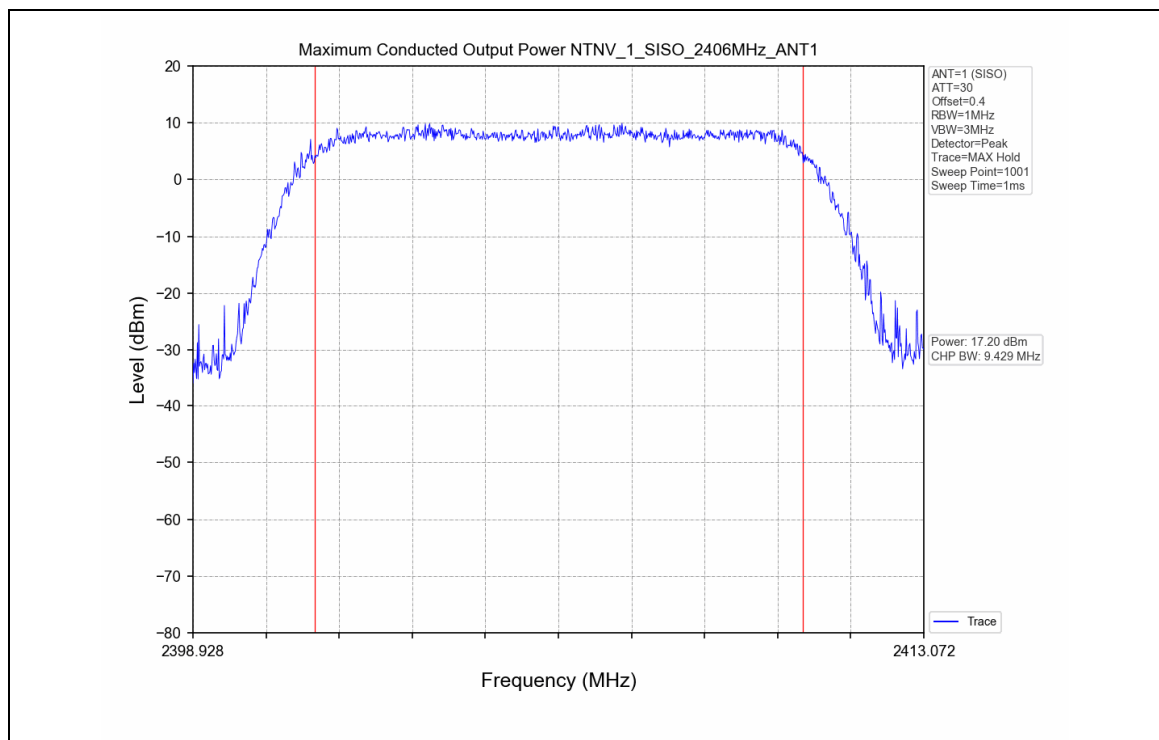
Appendix for 15.247 -- Antenna 1

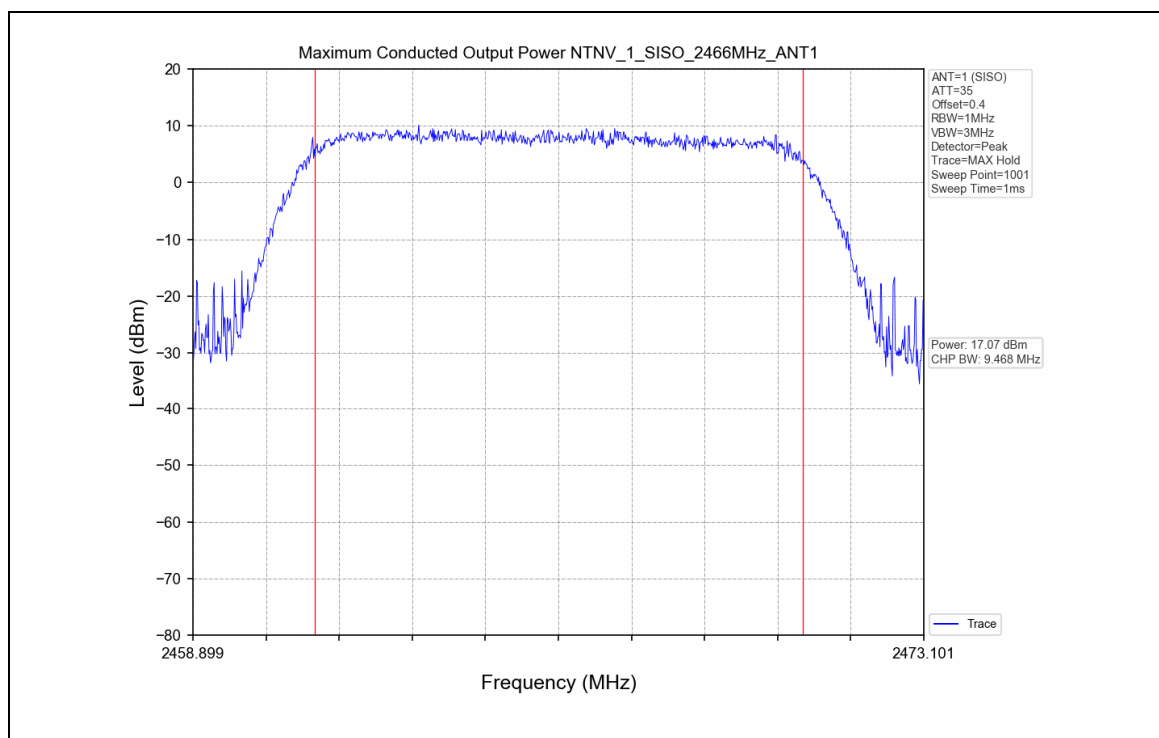
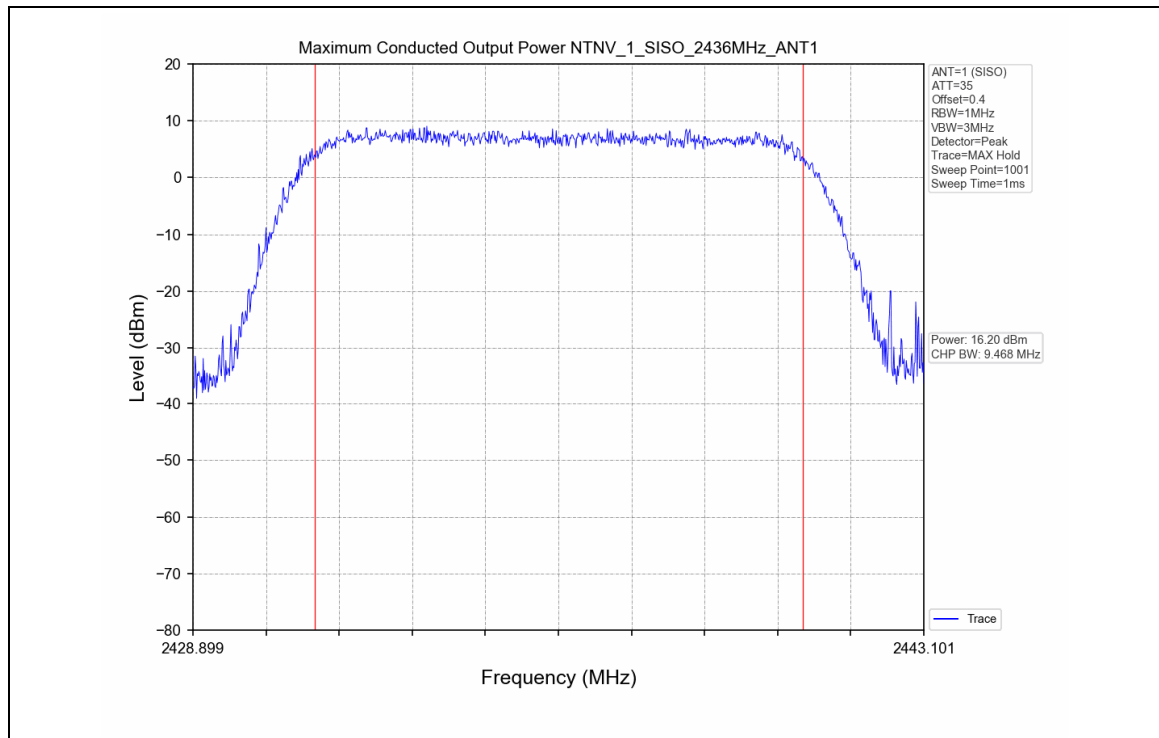
1. Maximum Conducted Output Power

1.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
Tx	2406	SISO	17.20	30	PASS
	2436	SISO	16.20	30	PASS
	2466	SISO	17.07	30	PASS

1.2 Test Graph





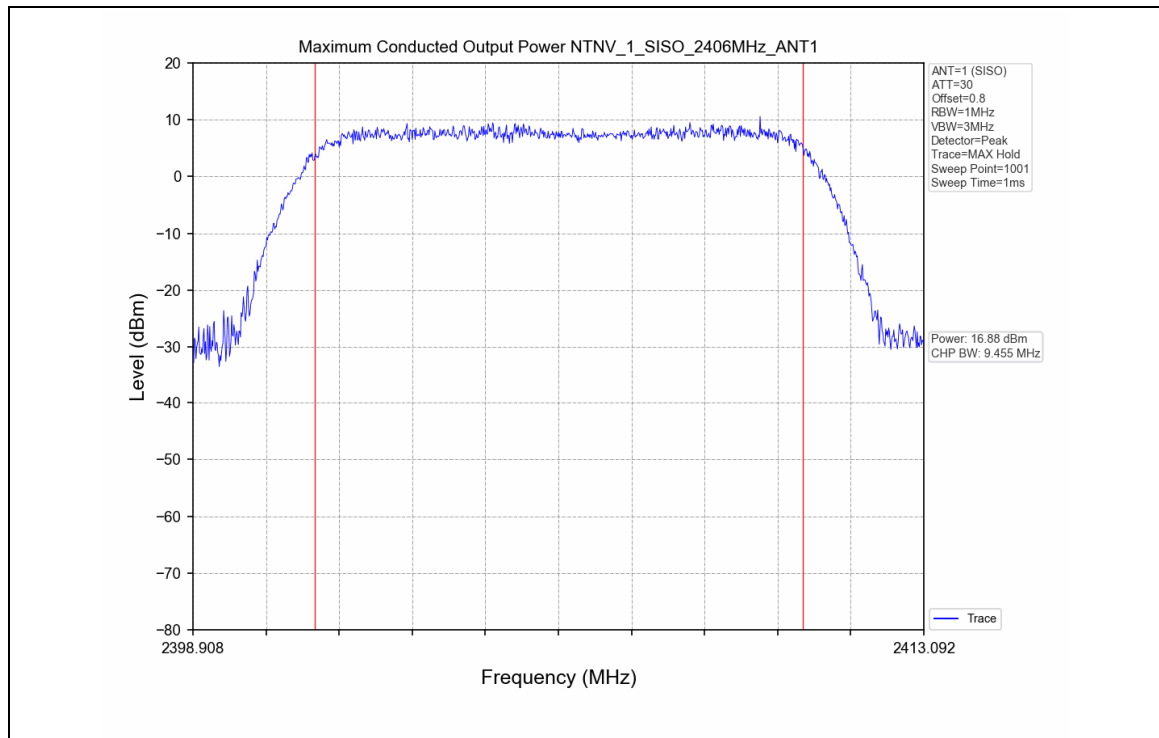
Appendix for 15.247 – Antenna 2

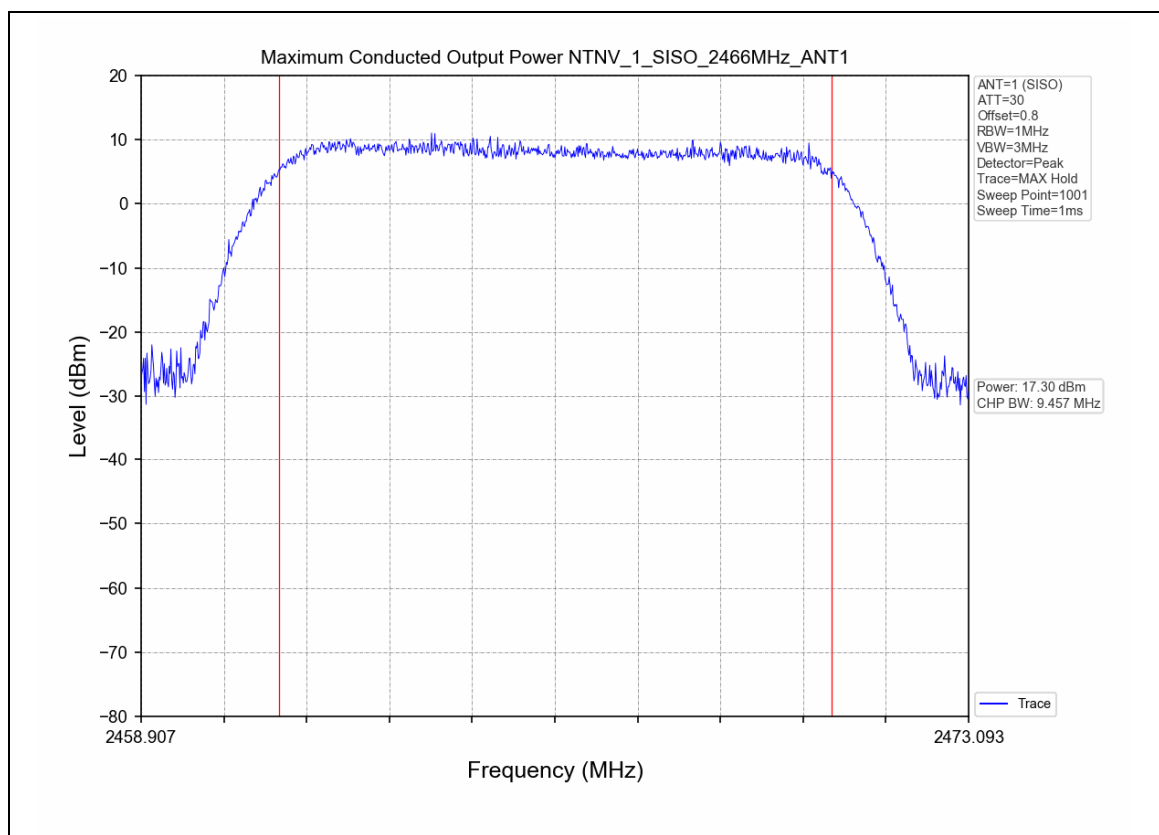
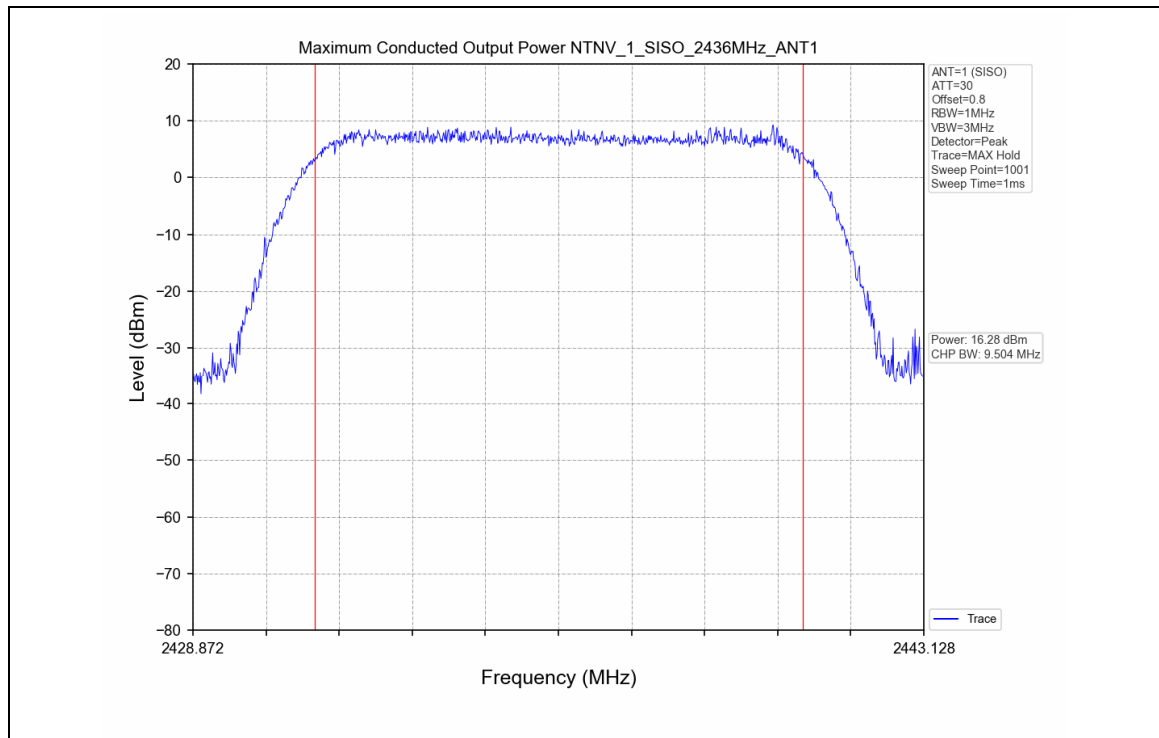
1. Maximum Conducted Output Power

1.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
Tx	2406	SISO	16.88	30	PASS
	2436	SISO	16.28	30	PASS
	2466	SISO	17.30	30	PASS

1.2 Test Graph





- End of the Report -

