

FCC CERTIFICATION TEST REPORT

Report No.: DDT-B21122007-1E04

Applicant	:	Quectel Wireless Solutions Co., Ltd.
Address	:	7th Floor, Hongye Building, No.1801 Hongmei Road, Xuhui District, Shanghai 200233, China
Equipment under Test	:	LTE Module
Model No.	:	SC600Y-NA, SC600T-NA
Trade Mark	:	Quectel
FCC ID	:	XMR2019SC600NA
Manufacturer	:	Quectel Wireless Solutions Co., Ltd.
Address	:	7th Floor, Hongye Building, No.1801 Hongmei Road, Xuhui District, Shanghai 200233, China

Issued By: Tianjin Dongdian Testing Service Co., Ltd.

Address: Building D-1, No. 19, Weishi Road, Microelectronics Industrial Park Development Area, Tianjin, China

Tel: +86-22-58038033, E-mail: ddt@ddt.com, <http://www.ddttest.com>



REPORT

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Test Report Declare

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Test Standard Used:

FCC Rules and Regulations Part 15 Subpart C.

Test Procedure Used:

ANSI C63.10:2013, 558074 D01 15.247 Meas Guidance v05r02

We Declare:

The equipment described above is tested by Tianjin Dongdian Testing Service Co., Ltd. and in the configuration tested the equipment complied with the standards specified above. The test results are contained in this test report and Tianjin Dongdian Testing Service Co., Ltd. is assumed of full responsibility for the accuracy and completeness of these tests.

After test and evaluation, our opinion is that the equipment provided for test compliance with the requirement of the above FCC standards.

Report No.:	DDT-B21122007-1E04		
Date of Receipt:	Dec. 20, 2021	Date of Test:	Dec. 20, 2021 ~ Jan. 10, 2022

Prepared By:

Sunny Zhang

Sunny Zhang/Engineer

Approved By:

Aaron Zhang

Aaron Zhang/EMC Manager

Note: This report applies to above tested sample only. This report shall not be reproduced in parts without written approval of Tianjin Dongdian Testing Service Co., Ltd.

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.



Revision History

Rev.	Revisions	Issue Date	Revised By
---	Initial issue	Jan. 10, 2022	

1. Summary of Test Results

The EUT have been tested according to the applicable standards as referenced below.		
Description of Test Item	Standard	Verdict
6dB Bandwidth and 99% Bandwidth	FCC 15.247 (a) (2) ANSI C63.10:2013	Pass ¹
Maximum Conducted Output Power	FCC 15.247 (b) (3) ANSI C63.10:2013	Pass ²
Power Spectral Density	FCC 15.247 (e) ANSI C63.10:2013	Pass ¹
Band-edge and Spurious Emissions (Conducted)	FCC 15.247 (d) ANSI C63.10:2013	Pass ¹
Radiated Spurious Emissions	FCC 15.247 (d) FCC 15.209 FCC 15.205 ANSI C63.10:2013	Pass ²
Radiated Band Edge Compliance	FCC 15.247 (d) FCC 15.209 FCC 15.205 ANSI C63.10:2013	Pass ²
Power Line Conducted Emission	FCC 15.207 ANSI C63.10:2013	Pass ¹
Note1: The above "pass¹" items data are refer from the original report issued by SGS-CSTC Standards Technical Services Co., Ltd .Shenzhen Branch (Date of Test: 2019/5/30 ~ 2019/7/3), The detailed data can refer to Appendix-2.4G WLAN. Note2: The above "pass²" item is tested by Tianjin Dongdian Testing Service Co., Ltd.		

2. General Test Information

2.1. Description of EUT

EUT* Name	: LTE Module
Model Number	: SC600Y-NA, SC600T-NA
EUT Function Description	: Please reference user manual of this device
Power Supply	: DC 4.2V
Radio Specification	: IEEE 802.11b/g/n
Operation Frequency	: IEEE 802.11b: 2412MHz-2462MHz IEEE 802.11g: 2412MHz-2462MHz IEEE 802.11n HT20: 2412MHz-2462MHz IEEE 802.11n HT40: 2422MHz-2452MHz
Modulation	: IEEE 802.11b: DSSS (CCK, DQPSK, DBPSK) IEEE 802.11g: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n HT20, HT40: OFDM (64QAM, 16QAM, QPSK, BPSK)
Data Rate	: IEEE 802.11b: 1, 2, 5.5, 11 Mbps IEEE 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps IEEE 802.11n HT20, HT40: MCS8~MCS15
Antenna Type	: Integrated antenna, maximum PK gain: 5.0 dBi
Sample Type	: Module

Note: EUT is the ab. of equipment under test.

Channel information					
CH	Frequency (MHz)	CH	Frequency (MHz)	CH	Frequency (MHz)
1	2412	5	2432	9	2452
2	2417	6	2437	10	2457
3	2422	7	2442	11	2462
4	2427	8	2447	/	/

2.2. Accessories of EUT

Description of Accessories	Manufacturer	Model number	Description	SN
N/A	N/A	N/A	N/A	N/A

2.3. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	EMC Compliance	SN
N/A	N/A	N/A	N/A	N/A

2.4. Block diagram of EUT configuration for test



Test software: QRCT.EXE

The test software was used to control EUT work in Continuous Tx mode, and select test channel, wireless mode as below table.

Tested mode, channel, information			
Mode	Data rate (Mbps) (see Note)	Channel	Frequency (MHz)
IEEE 802.11b	1	CH0	2412
	1	CH6	2437
	1	CH11	2462
IEEE 802.11g	6	CH0	2412
	6	CH6	2437
	6	CH11	2462
IEEE 802.11n HT20	MCS0	CH0	2412
	MCS0	CH6	2437
	MCS0	CH11	2462
IEEE 802.11n HT40	MCS0	CH3	2422
	MCS0	CH6	2437
	MCS0	CH9	2452

Note: According exploratory test, EUT will have maximum output power in those data rate, so those data rate were used for all test.

2.5. Deviations of test standard

No deviation.

2.6. Test environment conditions

During the measurement the environmental conditions were within the listed ranges:

Temperature range:	21-25 °C
Humidity range:	25-75%
Pressure range:	86-106 kPa

2.7. Test laboratory

Tianjin Dongdian Testing Service Co., Ltd.

Address: Building D-1, No. 19, Weisi Road, Microelectronics Industrial Park Development Area, Tianjin, China.

Tel: +86-22-58038033, <http://www.ddttest.com>, Email: ddt@dgddt.com

NVLAP (National Voluntary Laboratory Accreditation Program) CODE: 500036-0

CNAS (China National Accreditation Service for Conformity Assessment) CODE: L13402

FCC Designation Number: CN5004; FCC Test Firm Registration Number: 368676

ISED (Innovation, Science and Economic Development Canada) Company Number: 27768

Conformity Assessment Body Identifier: CN0125

VCCI Facility Registration Number: C-20089, T-20093, R-20125, G-20122

2.8. Measurement uncertainty

Test Item	Uncertainty
Bandwidth	0.14%
Peak Output Power (Conducted) (Spectrum Analyzer)	0.12 dB ($10 \text{ MHz} \leq f < 3.6 \text{ GHz}$);
	0.32 dB ($3.6 \text{ GHz} \leq f < 8 \text{ GHz}$)
Peak Output Power (Conducted) (Power Sensor)	0.51 dB
Power Spectral Density	0.12 dB ($10 \text{ MHz} \leq f < 3.6 \text{ GHz}$);
	0.32 dB ($3.6 \text{ GHz} \leq f < 8 \text{ GHz}$)
Frequencies Stability	6.7×10^{-8} (Antenna couple method)
	3.4×10^{-8} (Conducted method)
Conducted Spurious Emissions	0.12 dB ($10 \text{ MHz} \leq f < 3.6 \text{ GHz}$);
	0.32 dB ($3.6 \text{ GHz} \leq f < 8 \text{ GHz}$)
	0.52 dB ($8 \text{ GHz} \leq f < 22 \text{ GHz}$)
Uncertainty for Radio Frequency (RBW < 20 kHz)	3×10^{-7}
Temperature	$\pm 2^{\circ}\text{C}$
Humidity	$\pm 1\%$
Uncertainty for Radiation Emission Test (30 MHz - 1 GHz)	2.72 dB (Antenna Polarize: V)
	2.72 dB (Antenna Polarize: H)
Uncertainty for Radiation Emission Test (1 GHz - 40 GHz)	2.74 dB (1 - 6 GHz)
	2.72 dB (6 GHz - 18 GHz)
	3.54 dB (18 GHz - 26 GHz)
	4.30 dB (26 GHz - 40 GHz)
Uncertainty for Power Line Conduction Emission Test	3.40 dB (150 kHz - 30 MHz)
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.	

3. Equipment Used During Test

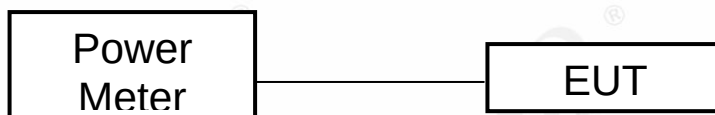
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
RF Connected Test (MWRFTest system)					
Microwave Signal Generator	R&S	SMF100A	101396	2021/05/25	1 Year
MXG Vector Signal Generator	Agilent	N5182A	MY50143288	2021/03/08	1 Year
EMI Test Receiver	R&S	ESU26	100243	2021/03/03	1 Year
Wideband Radio Communication Tester	R&S	CMW500	158800	2021/05/14	1 Year
Power Detector	MWRFTest	MW100-PS B	MW201203008	2021/03/31	1 Year
DC Power Supply	inSTEK	PSP-2010	EH131319	2021/02/27	1 Year
Test Software	MWRFTest	MTS8310	V03	N/A	N/A
Radiated Emission -10m EMI Chamber					
EXA Signal Analyzer	Keysight	N9010A	MY53281492	2021/03/31	1 Year
Active Loop Antenna	R&S	HFH2-Z2	100269	2021/05/08	1 Year
Double-Ridged Guide Horn Antenna	ETS-LINDGR EN	3115	00102808	2021/03/16	1 Year
Broad Band Horn Antenna	Schwarzbeck	BBHA 9170	790	2021/04/21	1 Year
Broadband Horn Antenna	TESEQ	BHA 9118	31754	2021/10/12	1 Year
Low noise amplifier	MITEQ	TPA0118-36	0914	2021/02/03	1 Year
EMI Test Receiver	R&S	ESCI	101024	2021/03/03	1 Year
EMI Test Receiver	R&S	ESCI	101030	2021/05/15	1 Year
Bilog Antenna	TESEQ	CBL6112D	29068	2020/10/12	2 Year
Bilog Antenna	TESEQ	CBL6112D	29069	2020/10/12	2 Year
Amplifier	Sonoma	310N	300913	2021/03/03	1 Year
Amplifier	Sonoma	310N	300914	2021/03/03	1 Year
Ant Mast	Innco	MA4000	N/A	N/A	N/A
Ant Mast	Innco	MA4000	N/A	N/A	N/A
Mast Controller	Innco	CO2000	N/A	N/A	N/A
Mast Controller	Innco	CO2000	N/A	N/A	N/A
RF Selector 4CH	TOYO	NS4904N	Selector1	N/A	N/A
RF Selector 4CH	TOYO	NS4904N	Selector2	N/A	N/A
Test software	TOYO	EP5/RSE	Ver 1.9.1	N/A	N/A
Test software	Audix	E3	V 6.11111b	N/A	N/A
Power Line Conducted Emissions Test					
Test Receiver	R&S	ESCI	101397	2021/03/03	1 Year
LISN	R&S	ENV216	101122	2021/03/31	1 Year
Test software	TOYO	EP5/CE	V 5.4.40	N/A	N/A

4. Maximum Conducted Output Power

4.1. Re-Test statement

The EUT is operating at the same power level with the original testing of SGS-CSTC Standards Technical Services, Co., Ltd. Shenzhen Branch.

4.2. Block diagram of test setup



4.3. Limits

For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt. 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 as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

4.4. Test procedure

Connect each EUT's antenna output to power sensor by RF cable and attenuator.

Measure the PK output power of each antenna port by power sensor.

4.5. Test result

Remark

	The Original Reports	Re-Test Reports
File name:	test report 2.4G WLAN	DDT-B21122007-1E04
Test location:	SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch	Tianjin Dongdian Testing Service Co., Ltd.

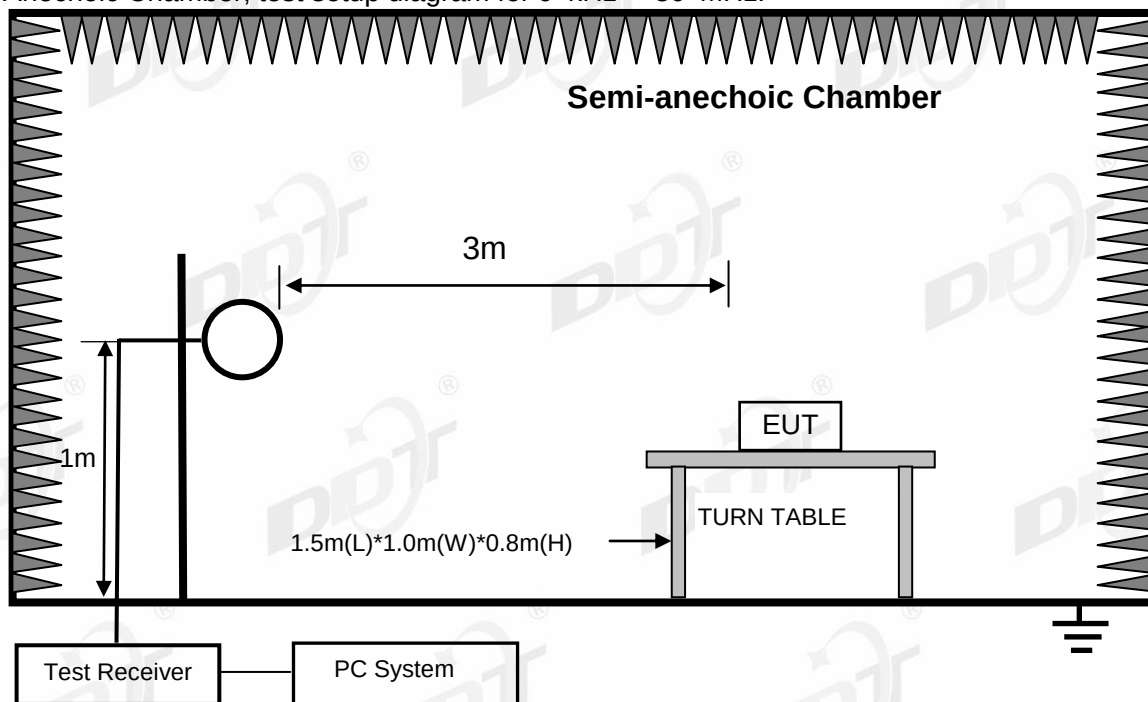
Power

Mode	Test Channel	The Original Reports Level [dBm]	Re-Test Reports Level [dBm]	Power level
802.11b	Lowest	21.34	21.15	17
	Middle	20.55	20.34	17
	Highest	21.03	21.26	17
802.11g	Lowest	22.99	22.68	16
	Middle	22.09	21.89	16
	Highest	22.98	22.63	16
802.11n20	Lowest	22.07	22.12	15
	Middle	21.23	21.17	15
	Highest	21.55	21.32	15
802.11n40	Lowest	21.25	21.05	15
	Middle	21.39	21.17	15
	Highest	20.88	20.59	15

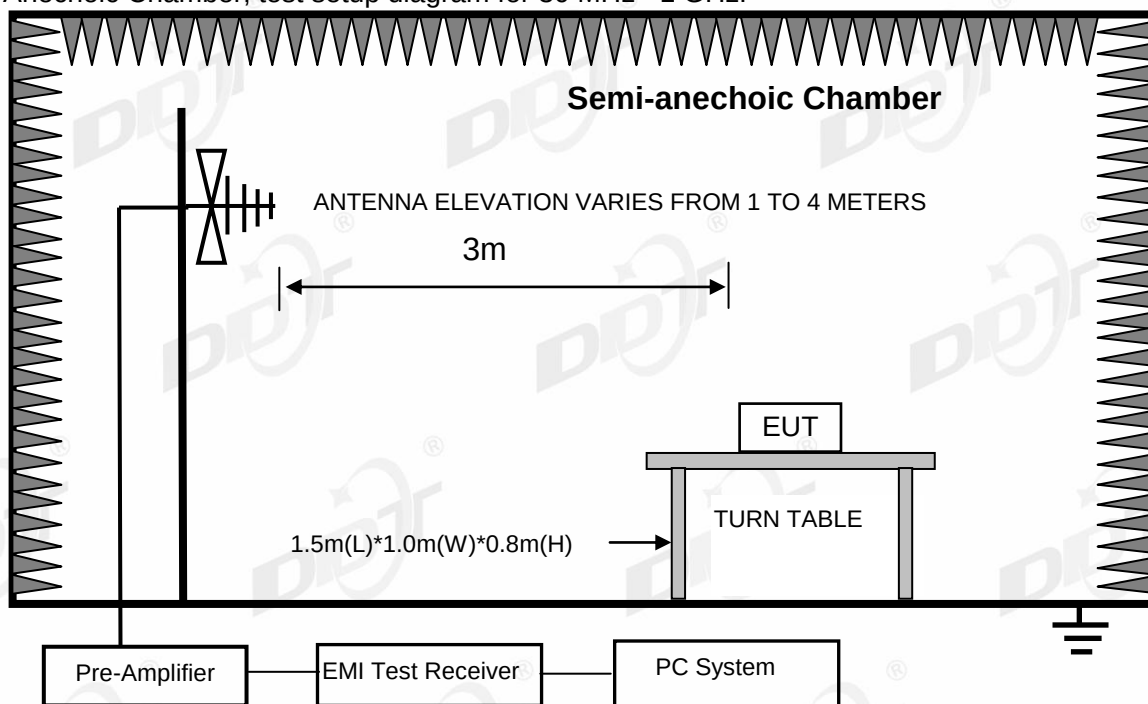
5. Radiated Emission

5.1. Block diagram of test setup

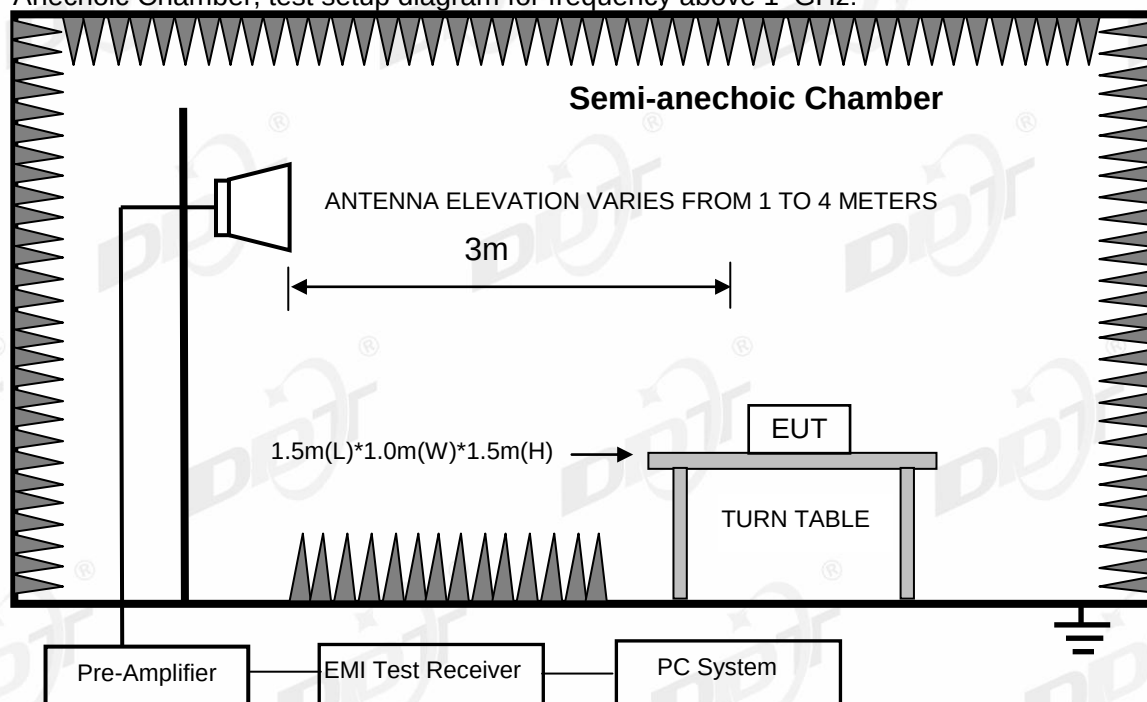
Anechoic Chamber, test setup diagram for 9 kHz - 30 MHz:



Anechoic Chamber, test setup diagram for 30 MHz - 1 GHz:



Anechoic Chamber, test setup diagram for frequency above 1 GHz:



Note: For harmonic emissions test an appropriate high pass filter was inserted in the input port of AMP.

5.2. Limit

(1) FCC 15.205 Restricted frequency band

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
¹ 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.1772&4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.2072&4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	(²)
13.36-13.41			

¹Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.

²Above 38.6

(2) FCC 15.209 Limit.

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMIT	
		$\mu\text{V/m}$	$\text{dB}(\mu\text{V})/\text{m}$
0.009 ~ 0.490	300	2400/F(kHz)	67.6-20log(F)
0.490 ~ 1.705	30	24000/F(kHz)	87.6-20log(F)
1.705 ~ 30.0	30	30	29.54
30 ~ 88	3	100	40.0
88 ~ 216	3	150	43.5
216 ~ 960	3	200	46.0
960 ~ 1000	3	500	54.0
Above 1000	3	74.0 dB(μV)/m (Peak) 54.0 dB(μV)/m (Average)	

Note: (1) The emission limits shown in the above table are based on measurements employing a CISPR QP detector except for the frequency bands 9 - 90 kHz, 110 - 490 kHz and above 1000 MHz, radiated emissions limits in these three bands are based on measurements employing an average detector.

(2) At frequencies below 30 MHz, measurement may be performed at a distance closer than that specified, and the limit at closer measurement distance can be extrapolated by below formula:

$$\text{Limit}_{3\text{m}}(\text{dB}\mu\text{V}/\text{m}) = \text{Limit}_{30\text{m}}(\text{dB}\mu\text{V}/\text{m}) + 40\text{Log}(30\text{m}/3\text{m})$$

(3) Limit for this EUT

All the emissions appearing within 15.205 restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions shall be at least 20 dB below the fundamental emissions or comply with 15.209 limits.

5.3. Test Procedure

- (1) EUT was placed on a non-metallic table, 80 cm above the ground plane inside a semi-anechoic chamber for below 1G and 150 cm above the ground plane inside a fully-anechoic chamber for above 1G.
- (2) Test antenna was located 3 m from the EUT on an adjustable mast, and the antenna used as below table.

Test frequency range	Test antenna used	Test antenna distance
9 kHz - 30 MHz	Active Loop antenna	3 m
30 MHz - 1 GHz	Trilog Broadband Antenna	3 m
1 GHz - 18 GHz	Double Ridged Horn Antenna (1 GHz - 18 GHz)	3 m
18 GHz - 40 GHz	Horn Antenna (18 GHz - 40 GHz)	3 m

According ANSI C63.10:2013 clause 6.4.4.2 and 6.5.3, for measurements below 30 MHz, the loop antenna was positioned with its plane vertical from the EUT and rotated about its vertical axis for maximum response at each azimuth position around the EUT. And the loop antenna also

is positioned with its plane horizontal at the specified distance from the EUT. The center of the loop is 1 m above the ground. For measurement above 30 MHz, the trilob Broadband Antenna or Horn Antenna was located 3 m from EUT, Measurements were made with the antenna positioned in both the horizontal and vertical planes of Polarization, and the measurement antenna was varied from 1 m to 4 m. in height above the reference ground plane to obtain the maximum signal strength.

(3) Below pre-scan procedure was first performed in order to find prominent frequency spectrum radiated emissions from 9 kHz to 25 GHz:

(a) Scanning the peak frequency spectrum with the antenna specified in step (3), and the EUT was rotated 360 degree, the antenna height was varied from 1 m to 4 m (Except loop antenna, it's fixed 1 m above ground.)

(b) Change work frequency or channel of device if practicable.

(c) Change modulation type of device if practicable.

(d) Change power supply range from 85% to 115% of the rated supply voltage

(e) Rotated EUT though three orthogonal axes to determine the attitude of EUT arrangement produces highest emissions.

Spectrum frequency from 9 kHz to 25 GHz (tenth harmonic of fundamental frequency) was investigated, and no any obvious emission were detected from 18 GHz to 25 GHz, so below final test was performed with frequency range from 9 kHz to 18 GHz.

(4) For final emissions measurements at each frequency of interest, the EUT was rotated and the antenna height was varied between 1 m and 4 m in order to maximize the emission. Measurements in both horizontal and vertical polarities were made and the data was recorded. In order to find the maximum emission, the relative positions of equipment and all of the interface cables were changed according to ANSI C63.10:2013 on Radiated Emission test.

(5) The emissions from 9 kHz to 1 GHz were measured based on CISPR QP detector except for the frequency bands 9 - 90 kHz, 110 - 490 kHz, for emissions from 9 kHz - 90 kHz, 110 kHz - 490 kHz and above 1 GHz were measured based on average detector, for emissions above 1 GHz, peak emissions also be measured and need comply with Peak limit.

(6) The emissions from 9 kHz to 1 GHz, QP or average values were measured with EMI receiver with below RBW.

Frequency band	RBW
9 kHz - 150 kHz	200 Hz
150 kHz - 30 MHz	9 kHz
30 MHz - 1 GHz	120 kHz

(7) For emissions above 1GHz, both Peak and Average level were measured with Spectrum Analyzer, and the RBW is set at 1 MHz, VBW is set at 3 MHz for Peak measure; According ANSI C63.10:2013 clause 4.1.4.2.2 procedure for average measure.

(8) X axis, Y axis, Z axis are tested, and worse setup X axis is reported.

5.4. Test result

Pass. (See below detailed test result)

All the emissions except fundamental emission from 9 kHz to 25 GHz were comply with 15.209 limits.

Note1: According exploratory test, the emission levels are 20 dB below the limit detected from 9 kHz to 30 MHz and 18 GHz to 25 GHz, so the final test was performed with frequency range from 30 MHz to 18 GHz and recorded in below.

Note2: For emissions below 1 GHz, according exploratory explorer test, when change Tx mode and channel, have no distinct influence on emissions level, so for emissions below 1 GHz, the final test was only performed with EUT working in transmitting and charging mode.

Note3: For emissions above 1 GHz. If peak results comply with AV limit, AV Result is deemed to comply with AV limit. Scan with all modes, the worst case was recorded in this report.

Radiated Emission test (below 1 GHz)

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-05-2022

Tested By : Sunny

EUT : LTE Module

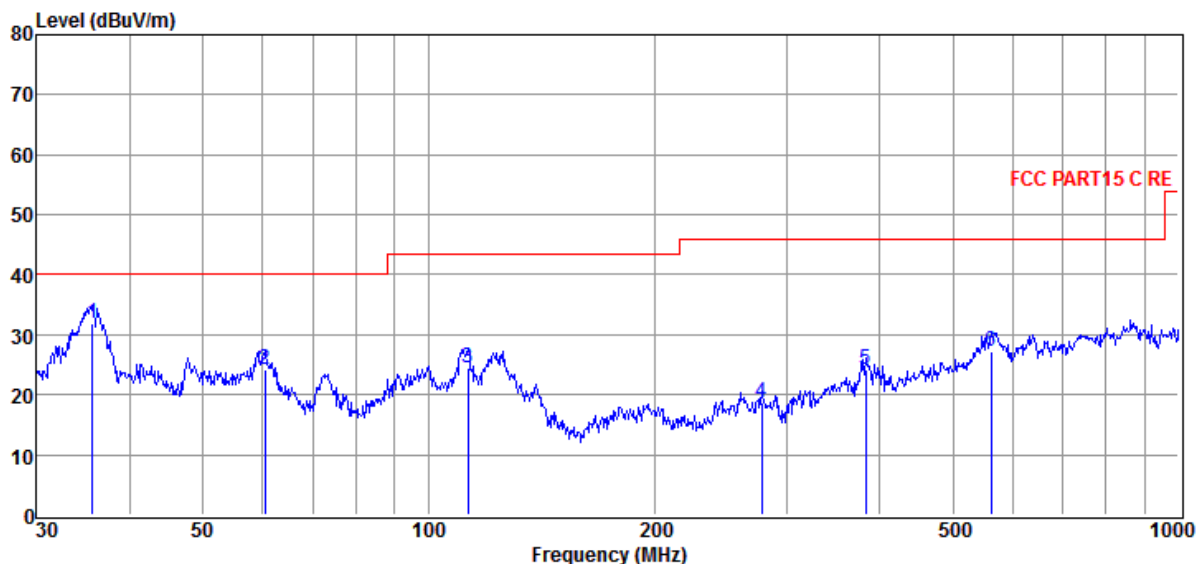
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : WIFI 2.4G

Data: 786



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	35.62	-10.21	31.89	40.00	-8.11	153	100	QP	VERTICAL
2	60.49	-19.80	24.11	40.00	-15.89	348	159	QP	VERTICAL
3	112.92	-18.08	24.47	43.50	-19.03	117	110	QP	VERTICAL
4	278.07	-16.91	18.61	46.00	-27.39	387	53	QP	VERTICAL
5	382.59	-14.18	24.11	46.00	-21.89	210	186	QP	VERTICAL
6	562.66	-10.72	27.22	46.00	-18.78	319	135	QP	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. Margin QP (Quasi-Peak) = Level QP - Limit

3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-05-2022

Tested By : Sunny

EUT : LTE Module

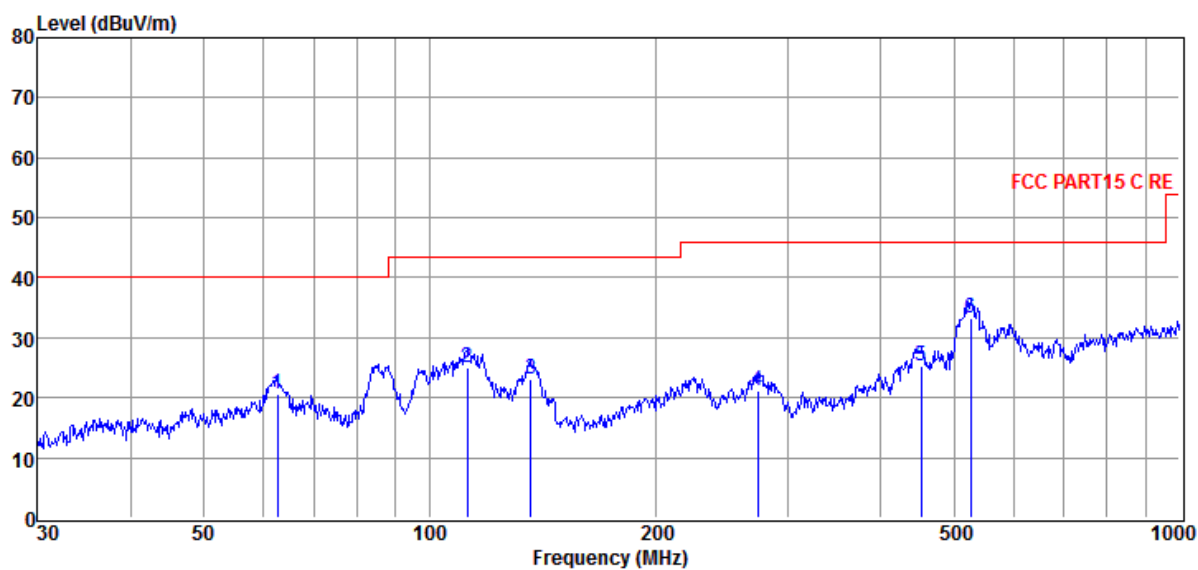
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : WIFI 2.4G

Data: 787



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	62.65	-20.04	20.52	40.00	-19.48	125	155	QP	HORIZONTAL
2	112.13	-18.07	24.91	43.50	-18.59	210	176	QP	HORIZONTAL
3	136.46	-17.47	23.03	43.50	-20.47	201	239	QP	HORIZONTAL
4	274.19	-16.86	21.03	46.00	-24.97	377	29	QP	HORIZONTAL
5	452.72	-12.73	25.29	46.00	-20.71	154	43	QP	HORIZONTAL
6	526.40	-12.18	33.31	46.00	-12.69	228	219	QP	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. Margin QP (Quasi-Peak) = Level QP - Limit

3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission test (1 GHz – 3 GHz)

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-05-2022

Tested By : Sunny

EUT : LTE Module

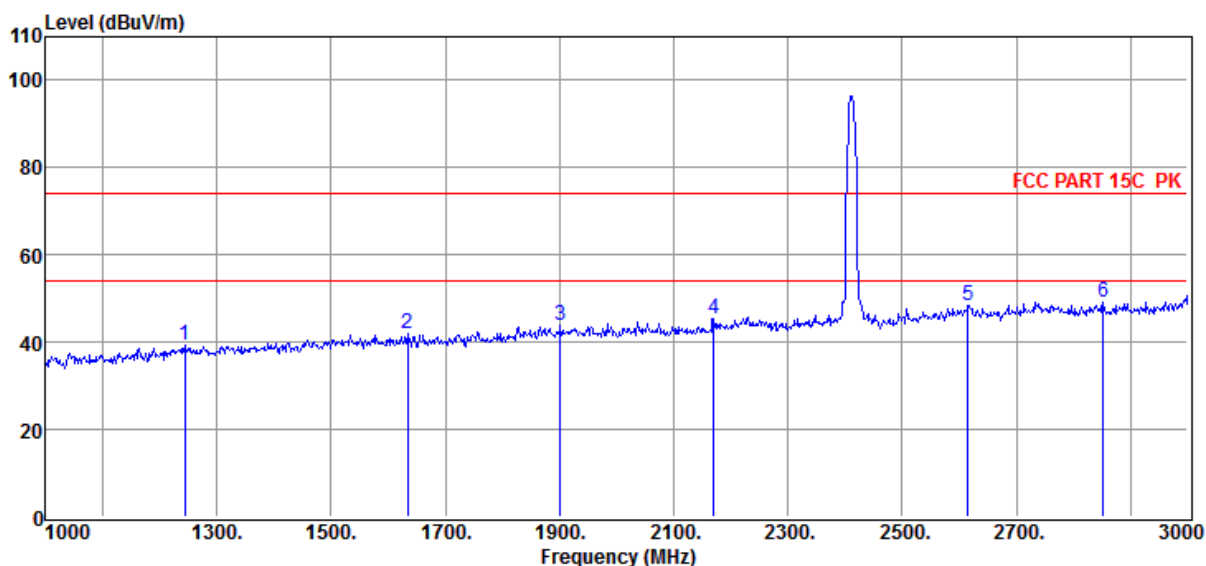
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11B 1M 2412MHz

Data: 528



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	1244.00	-4.79	39.35	74.00	-34.65	152	245	Peak	VERTICAL
2	1634.00	-2.32	42.10	74.00	-31.90	153	99	Peak	VERTICAL
3	1902.00	-0.06	43.66	74.00	-30.34	173	204	Peak	VERTICAL
4	2170.00	1.64	45.29	74.00	-28.71	169	19	Peak	VERTICAL
5	2616.00	5.71	48.41	74.00	-25.59	151	305	Peak	VERTICAL
6	2852.00	6.72	49.19	74.00	-24.81	150	297	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-05-2022

Tested By : Sunny

EUT : LTE Module

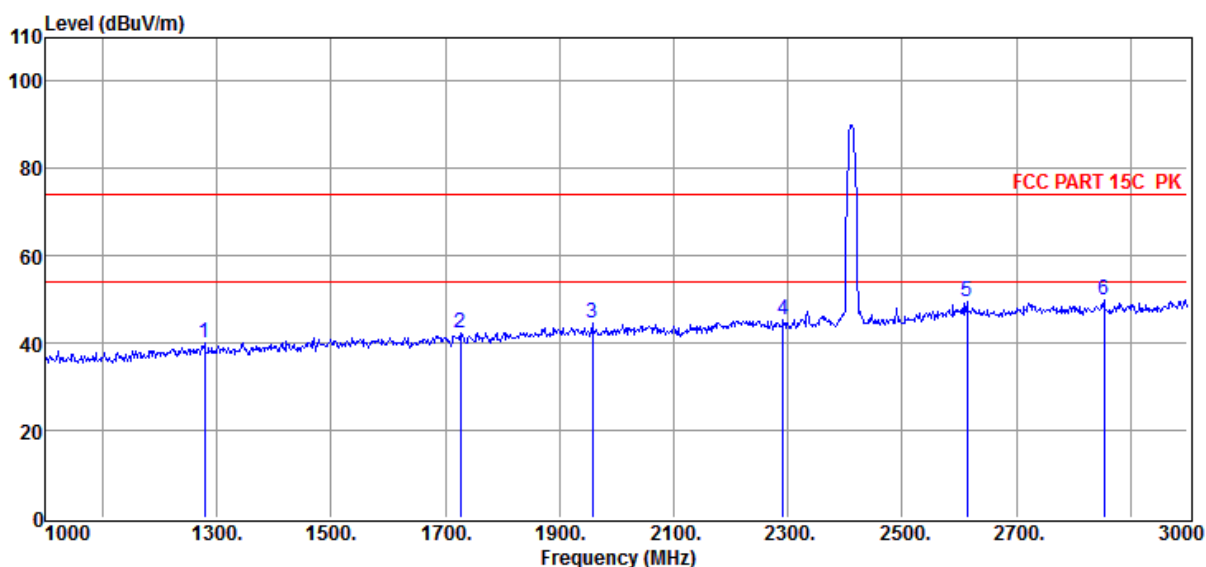
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11B 1M 2412MHz

Data: 529



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	1278.00	-4.70	39.90	74.00	-34.10	168	325	Peak	HORIZONTAL
2	1726.00	-1.70	42.20	74.00	-31.80	186	151	Peak	HORIZONTAL
3	1958.00	0.29	44.53	74.00	-29.47	181	234	Peak	HORIZONTAL
4	2292.00	1.98	45.18	74.00	-28.82	188	69	Peak	HORIZONTAL
5	2614.00	5.74	49.60	74.00	-24.40	185	115	Peak	HORIZONTAL
6	2854.00	6.73	49.97	74.00	-24.03	176	223	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-05-2022

Tested By : Sunny

EUT : LTE Module

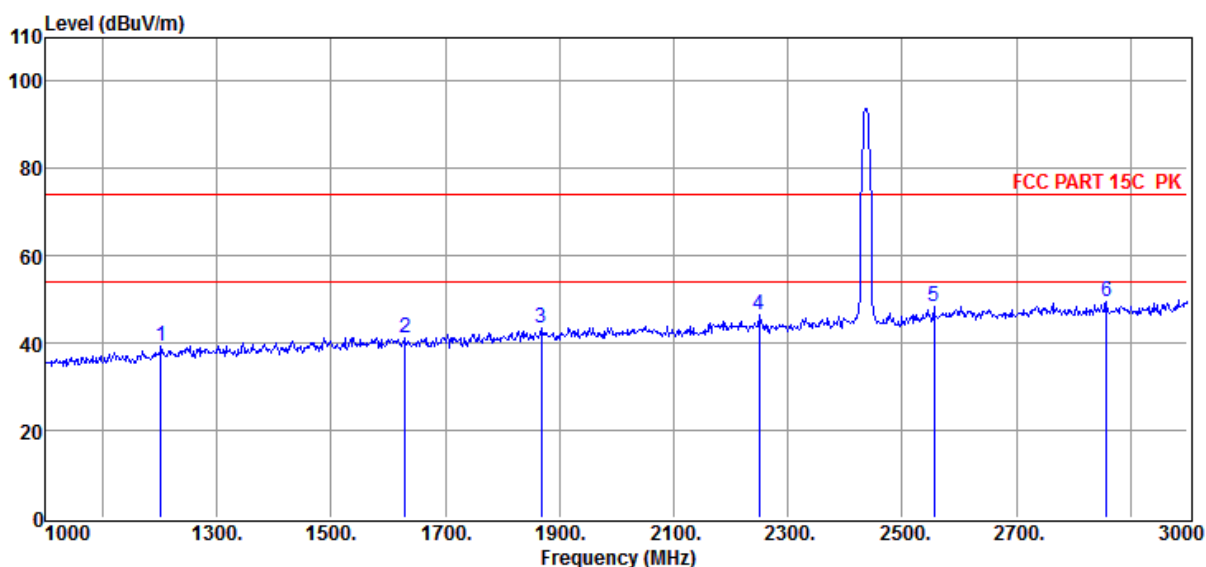
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11B 1M 2437MHz

Data: 530



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	1202.00	-5.29	39.31	74.00	-34.69	187	323	Peak	HORIZONTAL
2	1630.00	-2.32	41.34	74.00	-32.66	175	178	Peak	HORIZONTAL
3	1868.00	-0.24	43.59	74.00	-30.41	166	68	Peak	HORIZONTAL
4	2250.00	2.37	46.51	74.00	-27.49	163	49	Peak	HORIZONTAL
5	2556.00	4.92	48.52	74.00	-25.48	188	104	Peak	HORIZONTAL
6	2858.00	6.76	49.54	74.00	-24.46	156	140	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-05-2022

Tested By : Sunny

EUT : LTE Module

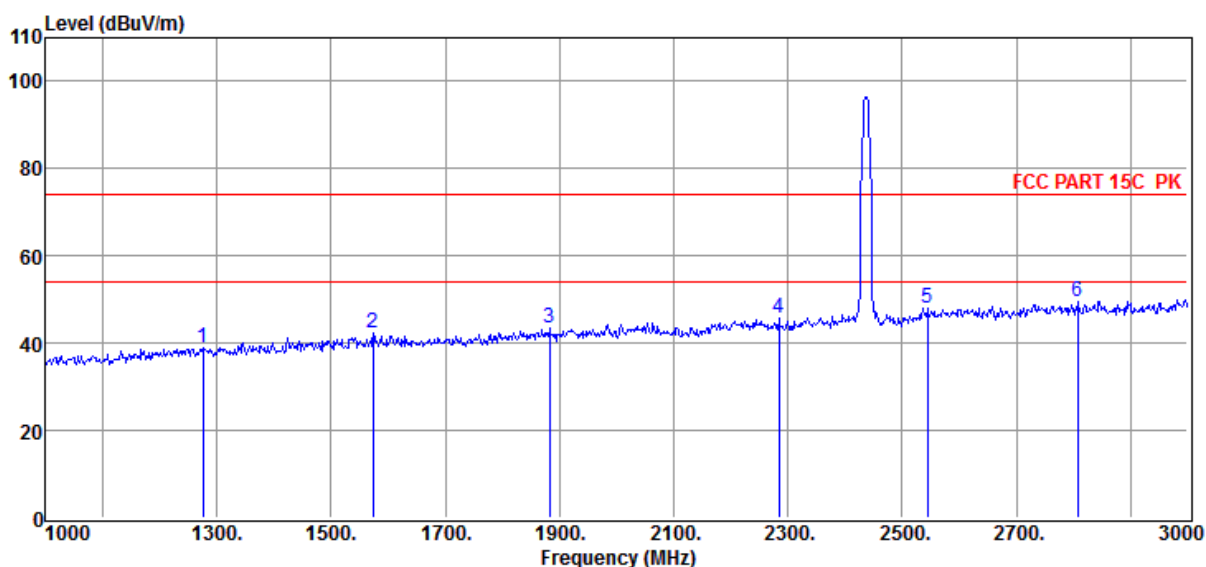
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11B 1M 2437MHz

Data: 531



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	1276.00	-4.70	39.03	74.00	-34.97	188	180	Peak	VERTICAL
2	1574.00	-2.37	42.36	74.00	-31.64	152	275	Peak	VERTICAL
3	1882.00	-0.16	43.52	74.00	-30.48	183	240	Peak	VERTICAL
4	2284.00	2.05	45.64	74.00	-28.36	160	68	Peak	VERTICAL
5	2544.00	4.65	48.16	74.00	-25.84	174	66	Peak	VERTICAL
6	2808.00	6.43	49.68	74.00	-24.32	157	208	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-05-2022

Tested By : Sunny

EUT : LTE Module

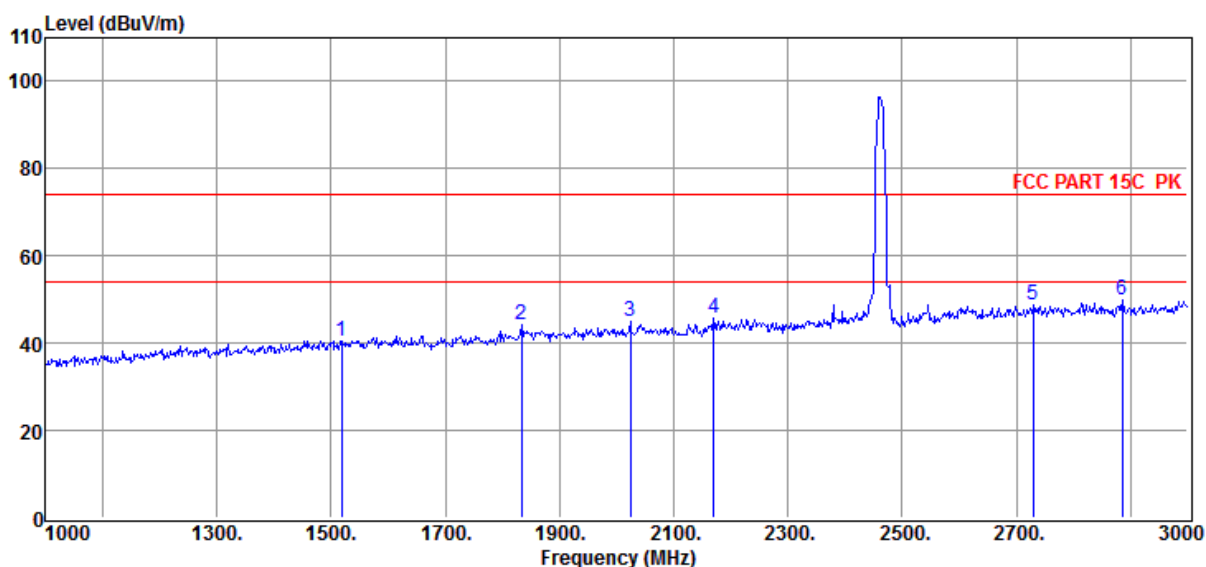
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11B 1M 2462MHz

Data: 532



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	1518.00	-2.77	40.54	74.00	-33.46	167	3	Peak	VERTICAL
2	1834.00	-0.59	44.05	74.00	-29.95	163	4	Peak	VERTICAL
3	2024.00	0.68	44.91	74.00	-29.09	187	15	Peak	VERTICAL
4	2170.00	1.64	45.82	74.00	-28.18	151	42	Peak	VERTICAL
5	2730.00	6.35	48.62	74.00	-25.38	172	310	Peak	VERTICAL
6	2886.00	6.92	50.00	74.00	-24.00	171	343	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-05-2022

Tested By : Sunny

EUT : LTE Module

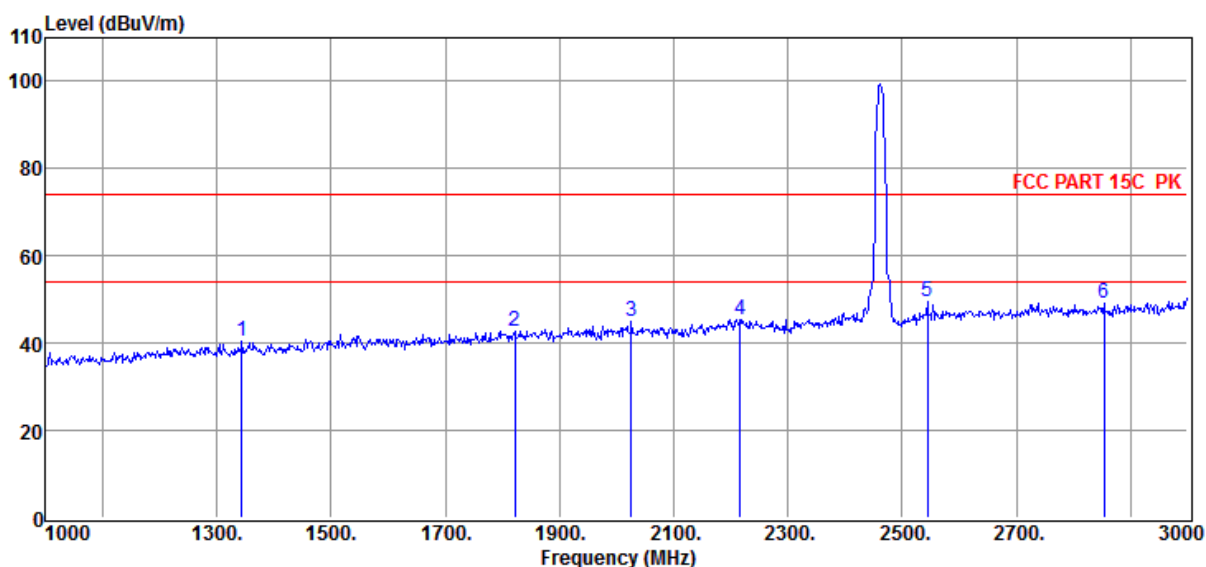
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11B 1M 2462MHz

Data: 533



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	1344.00	-4.40	40.59	74.00	-33.41	171	38	Peak	HORIZONTAL
2	1822.00	-0.78	42.81	74.00	-31.19	171	349	Peak	HORIZONTAL
3	2026.00	0.71	44.83	74.00	-29.17	163	188	Peak	HORIZONTAL
4	2216.00	2.37	45.46	74.00	-28.54	173	149	Peak	HORIZONTAL
5	2544.00	4.65	49.42	74.00	-24.58	162	80	Peak	HORIZONTAL
6	2854.00	6.73	49.06	74.00	-24.94	189	75	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-05-2022

Tested By : Sunny

EUT : LTE Module

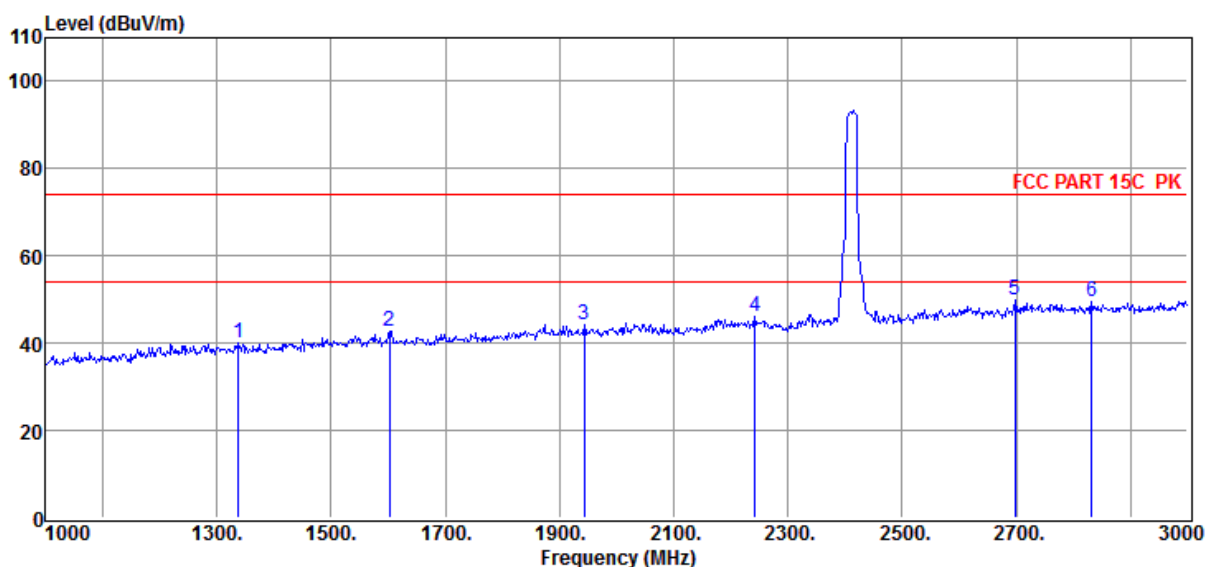
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11G 6M 2412MHz

Data: 534



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	1338.00	-4.44	39.94	74.00	-34.06	188	349	Peak	HORIZONTAL
2	1602.00	-2.28	42.64	74.00	-31.36	175	116	Peak	HORIZONTAL
3	1944.00	0.26	44.15	74.00	-29.85	188	339	Peak	HORIZONTAL
4	2242.00	2.37	46.08	74.00	-27.92	174	121	Peak	HORIZONTAL
5	2698.00	5.88	49.87	74.00	-24.13	185	209	Peak	HORIZONTAL
6	2832.00	6.60	49.69	74.00	-24.31	167	228	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-05-2022

Tested By : Sunny

EUT : LTE Module

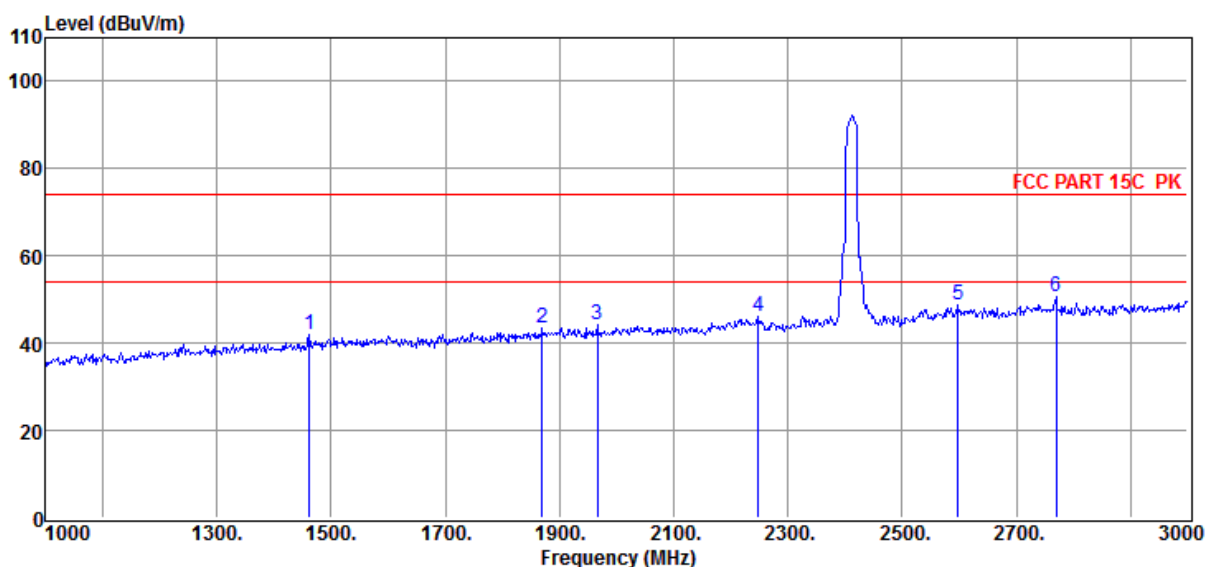
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11G 6M 2412MHz

Data: 535



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	1462.00	-3.35	41.81	74.00	-32.19	152	355	Peak	VERTICAL
2	1870.00	-0.23	43.37	74.00	-30.63	164	264	Peak	VERTICAL
3	1966.00	0.28	44.11	74.00	-29.89	152	195	Peak	VERTICAL
4	2248.00	2.37	46.23	74.00	-27.77	188	210	Peak	VERTICAL
5	2598.00	5.87	48.72	74.00	-25.28	154	213	Peak	VERTICAL
6	2770.00	6.54	50.67	74.00	-23.33	155	154	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-05-2022

Tested By : Sunny

EUT : LTE Module

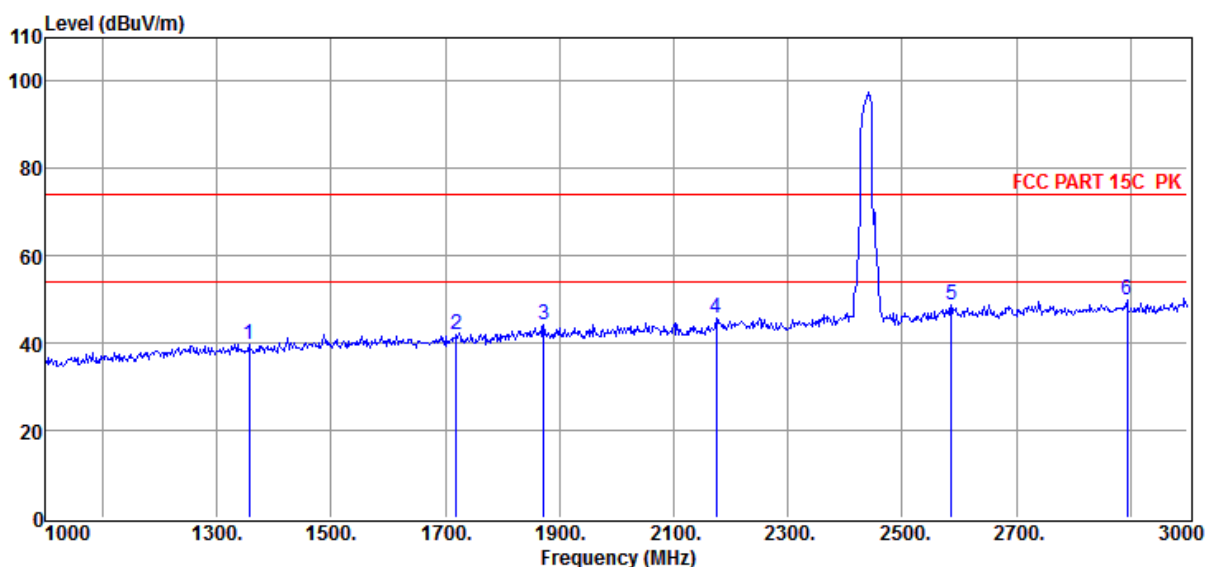
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11G 6M 2437MHz

Data: 536



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	1356.00	-4.33	39.86	74.00	-34.14	156	147	Peak	VERTICAL
2	1720.00	-1.76	41.89	74.00	-32.11	172	257	Peak	VERTICAL
3	1872.00	-0.21	44.12	74.00	-29.88	155	144	Peak	VERTICAL
4	2174.00	1.74	45.68	74.00	-28.32	184	205	Peak	VERTICAL
5	2586.00	5.60	48.74	74.00	-25.26	151	310	Peak	VERTICAL
6	2894.00	6.95	49.71	74.00	-24.29	190	140	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-05-2022

Tested By : Sunny

EUT : LTE Module

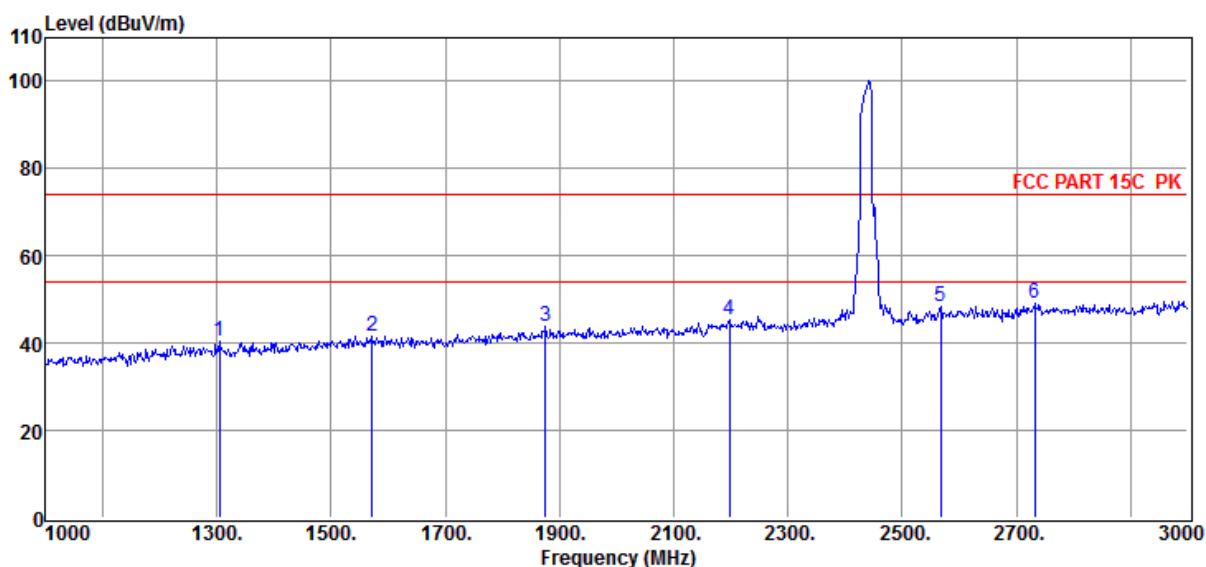
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11G 6M 2437MHz

Data: 537



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	1304.00	-4.66	40.31	74.00	-33.69	165	132	Peak	HORIZONTAL
2	1572.00	-2.38	41.59	74.00	-32.41	175	187	Peak	HORIZONTAL
3	1876.00	-0.19	43.87	74.00	-30.13	179	254	Peak	HORIZONTAL
4	2198.00	2.33	45.32	74.00	-28.68	152	143	Peak	HORIZONTAL
5	2568.00	5.19	48.26	74.00	-25.74	172	167	Peak	HORIZONTAL
6	2732.00	6.38	49.22	74.00	-24.78	180	322	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-05-2022

Tested By : Sunny

EUT : LTE Module

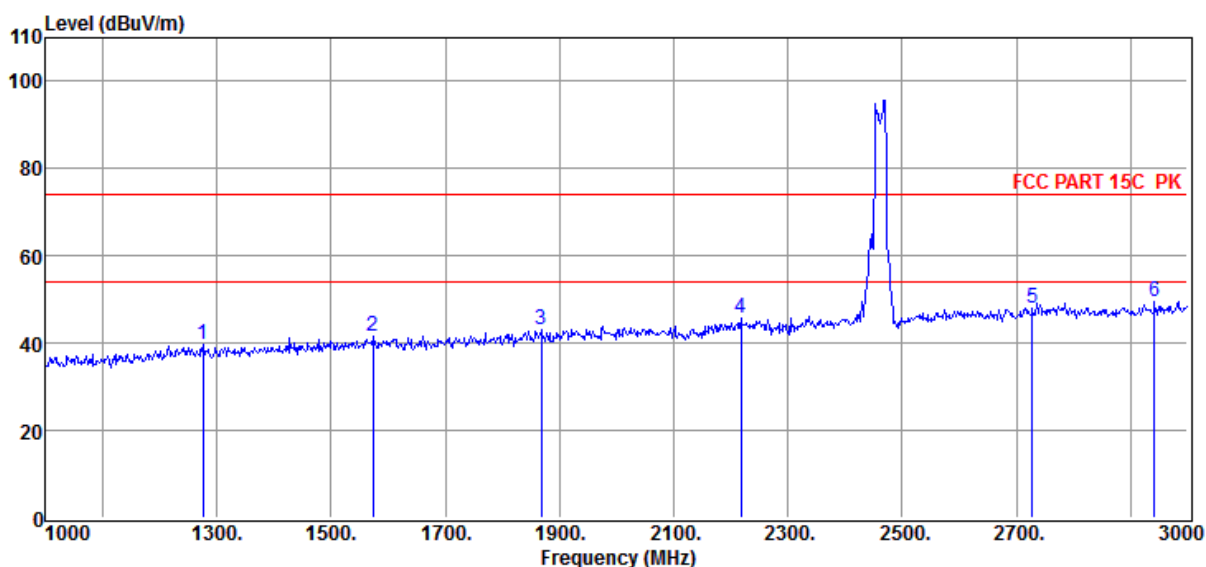
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11G 6M 2462MHz

Data: 538



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	1276.00	-4.70	39.76	74.00	-34.24	168	132	Peak	HORIZONTAL
2	1574.00	-2.37	41.50	74.00	-32.50	187	57	Peak	HORIZONTAL
3	1868.00	-0.24	43.12	74.00	-30.88	190	316	Peak	HORIZONTAL
4	2218.00	2.37	45.60	74.00	-28.40	172	353	Peak	HORIZONTAL
5	2728.00	6.33	47.84	74.00	-26.16	165	220	Peak	HORIZONTAL
6	2942.00	6.68	49.37	74.00	-24.63	176	340	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-05-2022

Tested By : Sunny

EUT : LTE Module

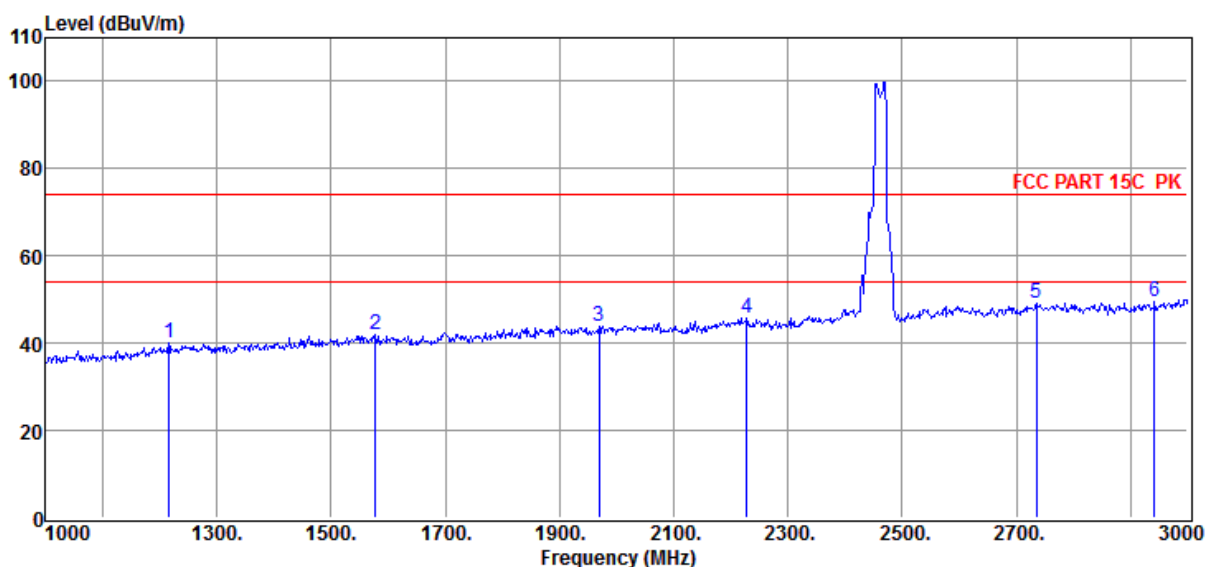
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11G 6M 2462MHz

Data: 539



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	1216.00	-5.13	39.96	74.00	-34.04	177	140	Peak	VERTICAL
2	1578.00	-2.36	41.90	74.00	-32.10	153	319	Peak	VERTICAL
3	1970.00	0.27	43.97	74.00	-30.03	161	88	Peak	VERTICAL
4	2228.00	2.37	45.86	74.00	-28.14	163	101	Peak	VERTICAL
5	2736.00	6.44	49.31	74.00	-24.69	185	253	Peak	VERTICAL
6	2942.00	6.68	49.37	74.00	-24.63	160	360	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-05-2022

Tested By : Sunny

EUT : LTE Module

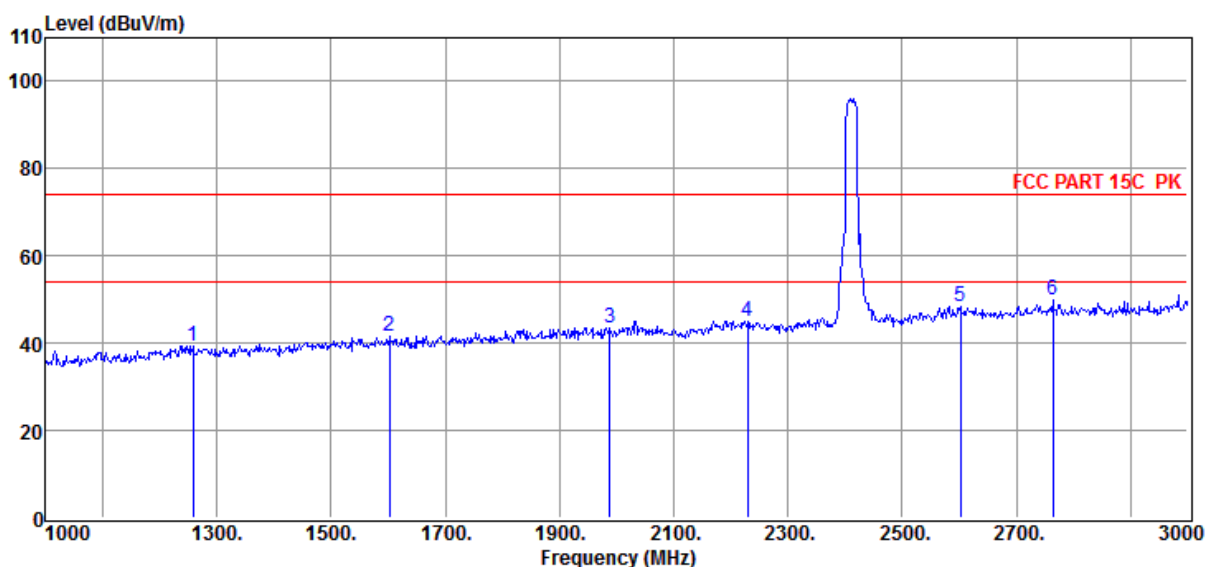
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11N20 MCS0 2412MHz

Data: 540



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	1258.00	-4.72	39.45	74.00	-34.55	166	162	Peak	VERTICAL
2	1602.00	-2.28	41.65	74.00	-32.35	160	281	Peak	VERTICAL
3	1988.00	0.25	43.59	74.00	-30.41	166	140	Peak	VERTICAL
4	2230.00	2.37	45.13	74.00	-28.87	174	213	Peak	VERTICAL
5	2602.00	5.88	48.29	74.00	-25.71	163	331	Peak	VERTICAL
6	2764.00	6.57	49.94	74.00	-24.06	171	290	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-05-2022

Tested By : Sunny

EUT : LTE Module

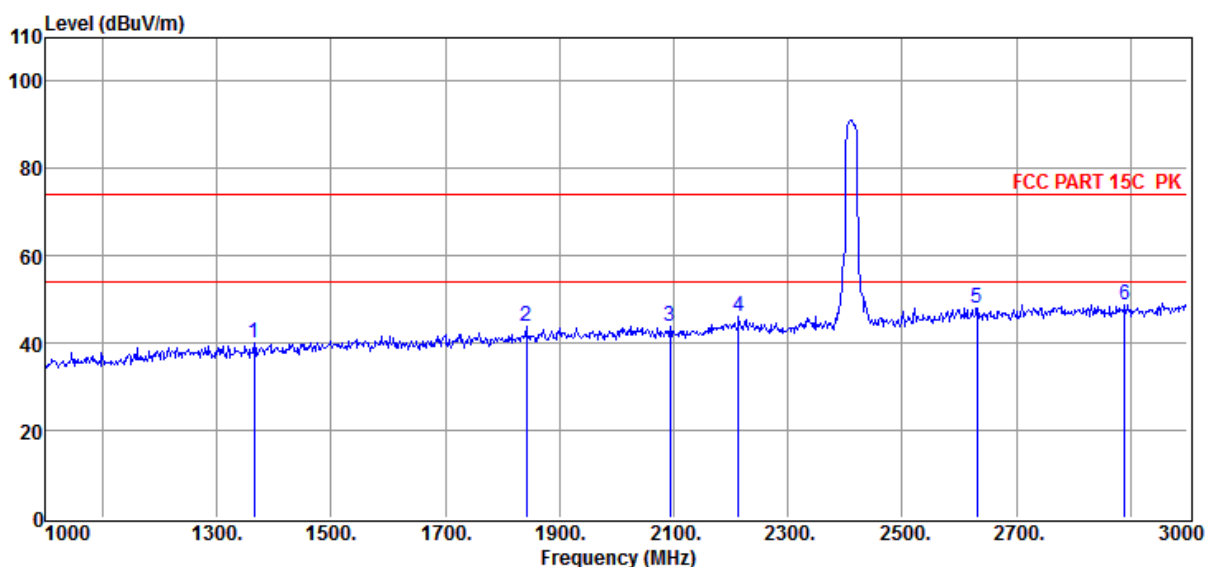
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11N20 MCS0 2412MHz

Data: 541



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	1366.00	-4.28	40.15	74.00	-33.85	183	150	Peak	HORIZONTAL
2	1842.00	-0.46	43.72	74.00	-30.28	183	85	Peak	HORIZONTAL
3	2094.00	0.57	44.01	74.00	-29.99	163	6	Peak	HORIZONTAL
4	2214.00	2.37	46.04	74.00	-27.96	180	299	Peak	HORIZONTAL
5	2632.00	5.52	48.14	74.00	-25.86	156	15	Peak	HORIZONTAL
6	2890.00	6.93	48.87	74.00	-25.13	157	66	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-05-2022

Tested By : Sunny

EUT : LTE Module

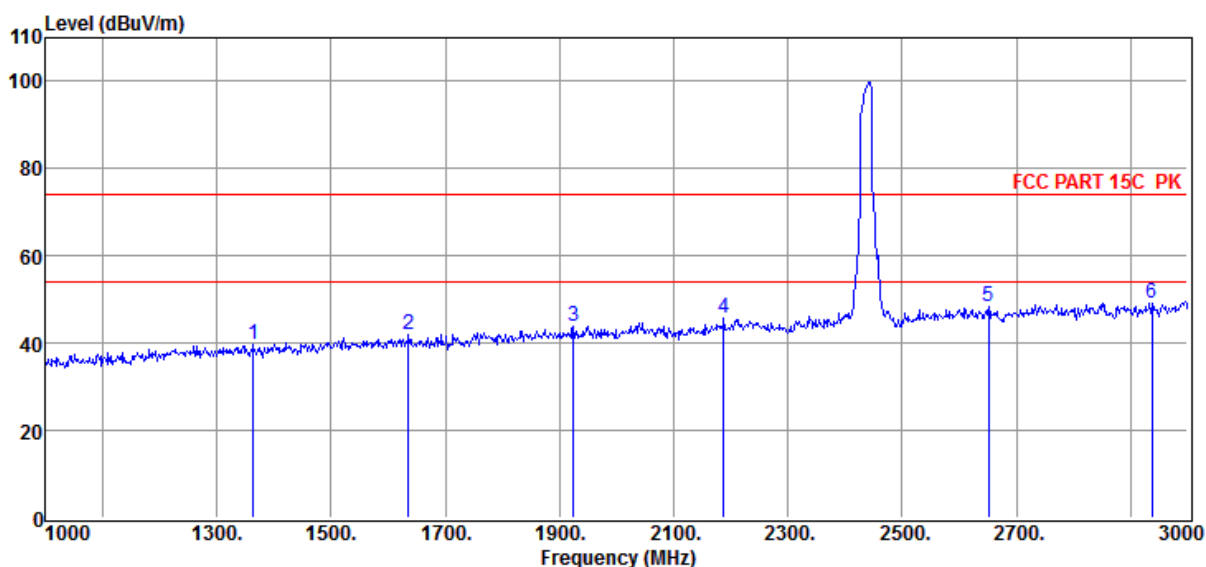
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11N20 MCS0 2437MHz

Data: 542



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	1364.00	-4.28	39.78	74.00	-34.22	162	6	Peak	HORIZONTAL
2	1636.00	-2.33	41.93	74.00	-32.07	165	44	Peak	HORIZONTAL
3	1924.00	0.11	43.86	74.00	-30.14	168	70	Peak	HORIZONTAL
4	2188.00	2.08	45.66	74.00	-28.34	152	72	Peak	HORIZONTAL
5	2652.00	5.33	48.26	74.00	-25.74	180	1	Peak	HORIZONTAL
6	2938.00	6.71	49.09	74.00	-24.91	168	352	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-05-2022

Tested By : Sunny

EUT : LTE Module

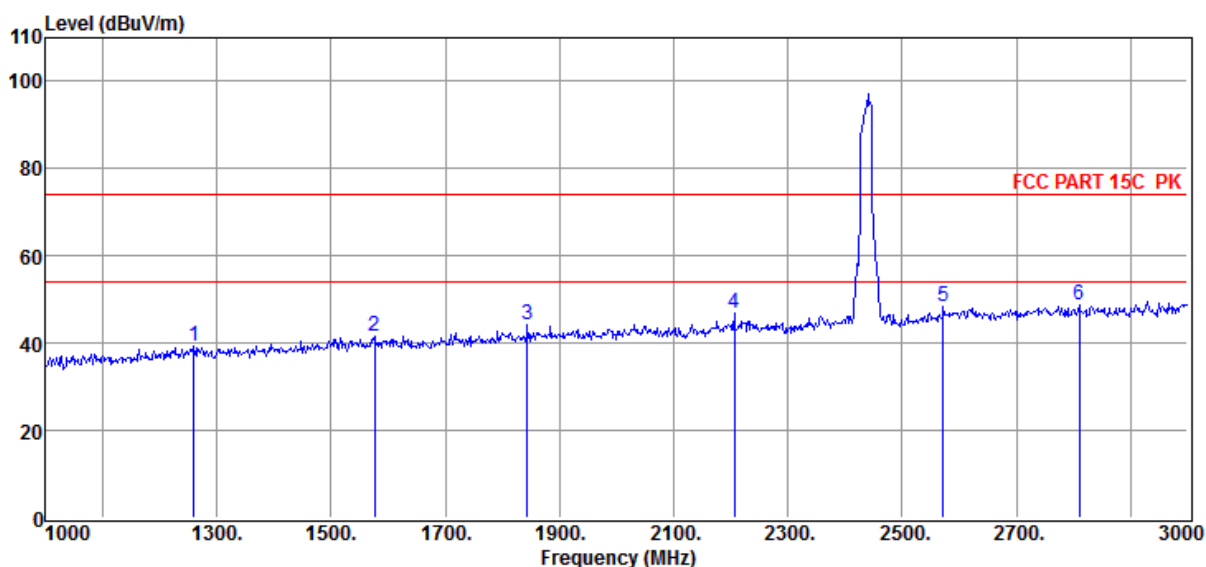
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11N20 MCS0 2437MHz

Data: 543



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	1260.00	-4.71	39.43	74.00	-34.57	167	18	Peak	VERTICAL
2	1576.00	-2.37	41.64	74.00	-32.36	158	304	Peak	VERTICAL
3	1844.00	-0.43	44.31	74.00	-29.69	175	180	Peak	VERTICAL
4	2206.00	2.37	46.74	74.00	-27.26	178	319	Peak	VERTICAL
5	2572.00	5.28	48.50	74.00	-25.50	152	332	Peak	VERTICAL
6	2810.00	6.45	48.71	74.00	-25.29	160	334	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-07-2022

Tested By : Sunny

EUT : LTE Module

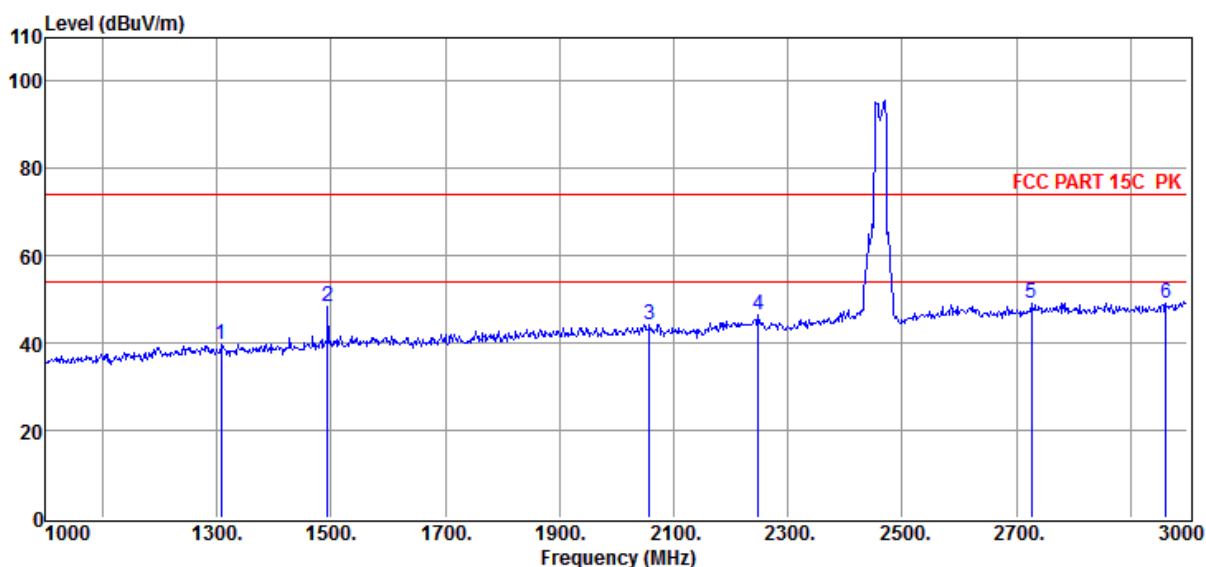
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11N20 MCS0 2462MHz

Data: 544



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	1308.00	-4.64	39.71	74.00	-34.29	159	22	Peak	VERTICAL
2	1494.00	-3.01	48.46	74.00	-25.54	183	288	Peak	VERTICAL
3	2058.00	1.05	44.40	74.00	-29.60	163	155	Peak	VERTICAL
4	2248.00	2.37	46.64	74.00	-27.36	162	91	Peak	VERTICAL
5	2726.00	6.29	49.19	74.00	-24.81	171	3	Peak	VERTICAL
6	2962.00	7.06	49.32	74.00	-24.68	158	37	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-05-2022

Tested By : Sunny

EUT : LTE Module

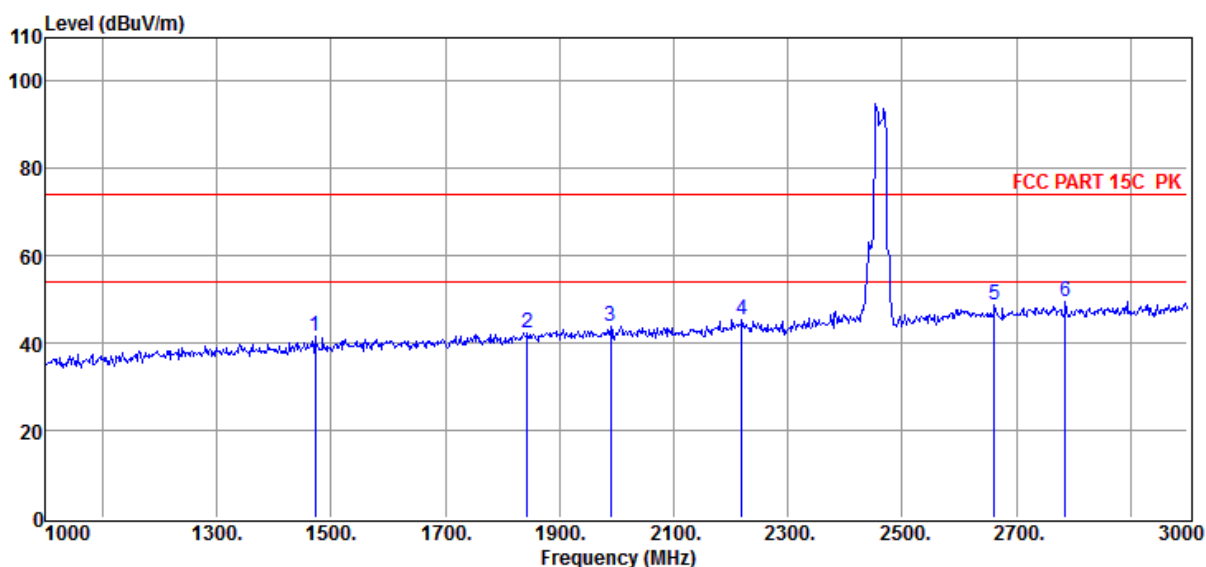
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11N20 MCS0 2462MHz

Data: 545



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	1472.00	-3.25	41.51	74.00	-32.49	158	120	Peak	HORIZONTAL
2	1844.00	-0.43	42.31	74.00	-31.69	183	359	Peak	HORIZONTAL
3	1990.00	0.24	44.03	74.00	-29.97	170	187	Peak	HORIZONTAL
4	2220.00	2.37	45.46	74.00	-28.54	165	96	Peak	HORIZONTAL
5	2662.00	5.45	48.61	74.00	-25.39	165	184	Peak	HORIZONTAL
6	2786.00	6.46	49.36	74.00	-24.64	165	357	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-05-2022

Tested By : Sunny

EUT : LTE Module

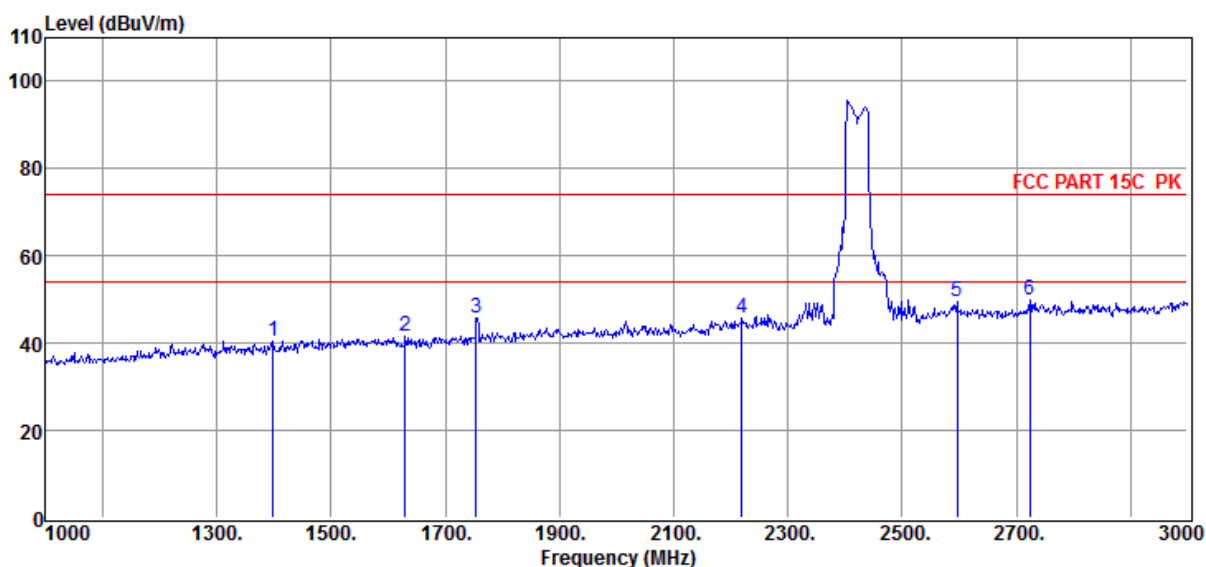
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11N40 MCS0 2422MHz

Data: 546



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	1398.00	-4.11	40.55	74.00	-33.45	169	207	Peak	HORIZONTAL
2	1630.00	-2.32	41.45	74.00	-32.55	176	124	Peak	HORIZONTAL
3	1754.00	-1.42	45.77	74.00	-28.23	190	243	Peak	HORIZONTAL
4	2220.00	2.37	45.84	74.00	-28.16	158	306	Peak	HORIZONTAL
5	2596.00	5.82	49.49	74.00	-24.51	187	107	Peak	HORIZONTAL
6	2724.00	6.27	49.76	74.00	-24.24	165	184	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-05-2022

Tested By : Sunny

EUT : LTE Module

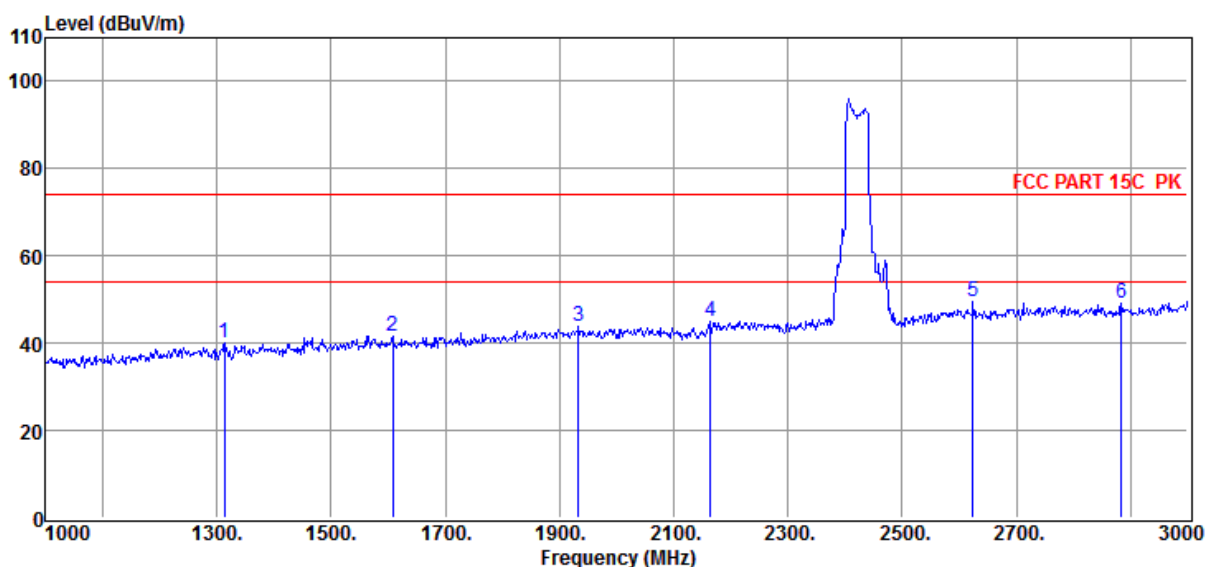
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11N40 MCS0 2422MHz

Data: 547



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	1314.00	-4.59	39.91	74.00	-34.09	177	100	Peak	VERTICAL
2	1608.00	-2.29	41.74	74.00	-32.26	165	332	Peak	VERTICAL
3	1934.00	0.18	43.91	74.00	-30.09	177	278	Peak	VERTICAL
4	2164.00	1.49	45.03	74.00	-28.97	166	359	Peak	VERTICAL
5	2624.00	5.62	49.42	74.00	-24.58	157	52	Peak	VERTICAL
6	2884.00	6.90	49.22	74.00	-24.78	177	20	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-05-2022

Tested By : Sunny

EUT : LTE Module

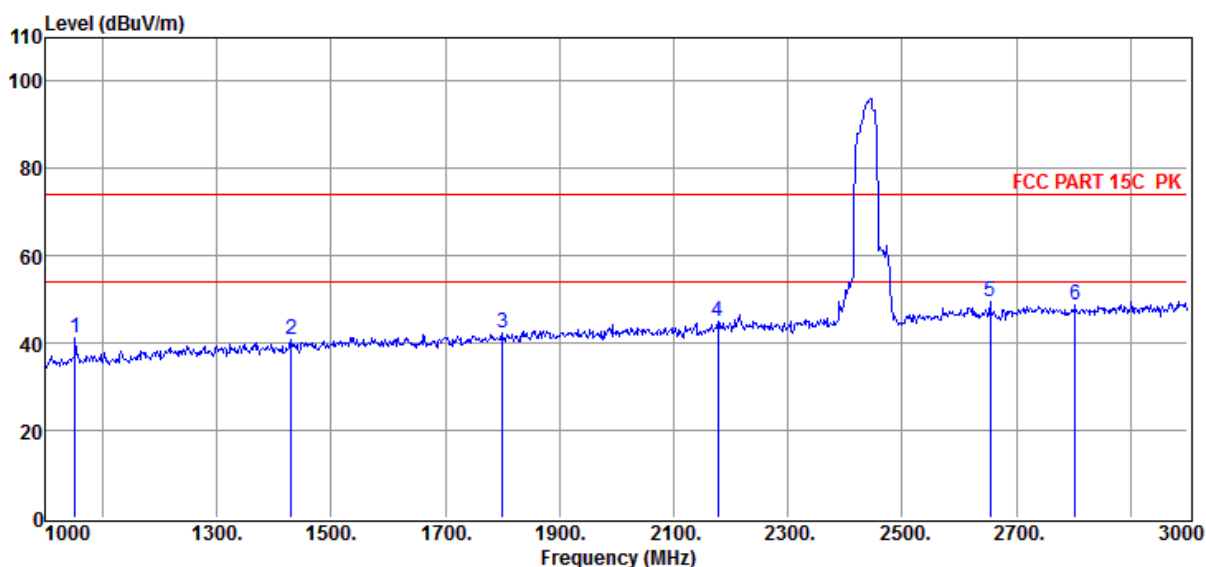
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11N40 MCS0 2437MHz

Data: 548



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	1052.00	-6.92	41.33	74.00	-32.67	187	94	Peak	VERTICAL
2	1430.00	-3.73	40.94	74.00	-33.06	170	208	Peak	VERTICAL
3	1800.00	-1.13	42.37	74.00	-31.63	159	270	Peak	VERTICAL
4	2178.00	1.84	45.13	74.00	-28.87	168	100	Peak	VERTICAL
5	2654.00	5.35	49.34	74.00	-24.66	154	287	Peak	VERTICAL
6	2804.00	6.40	48.66	74.00	-25.34	177	281	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-05-2022

Tested By : Sunny

EUT : LTE Module

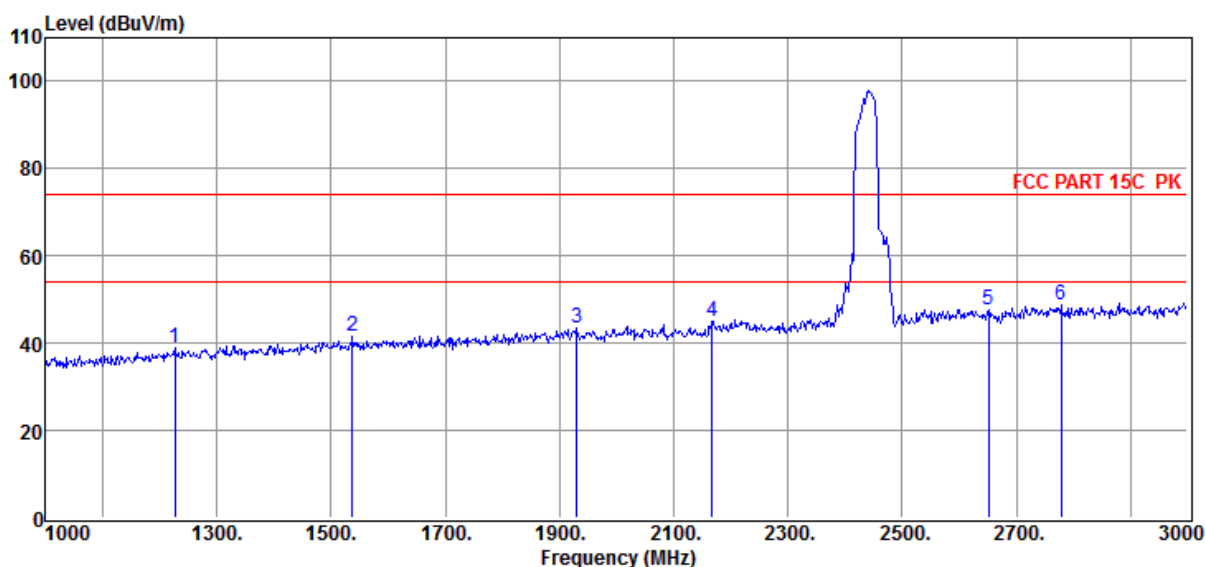
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11N40 MCS0 2437MHz

Data: 549



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	1226.00	-5.01	38.84	74.00	-35.16	167	202	Peak	HORIZONTAL
2	1538.00	-2.58	41.75	74.00	-32.25	162	188	Peak	HORIZONTAL
3	1930.00	0.15	43.60	74.00	-30.40	154	299	Peak	HORIZONTAL
4	2168.00	1.59	45.03	74.00	-28.97	170	174	Peak	HORIZONTAL
5	2652.00	5.33	47.80	74.00	-26.20	178	63	Peak	HORIZONTAL
6	2778.00	6.49	48.90	74.00	-25.10	184	203	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-05-2022

Tested By : Sunny

EUT : LTE Module

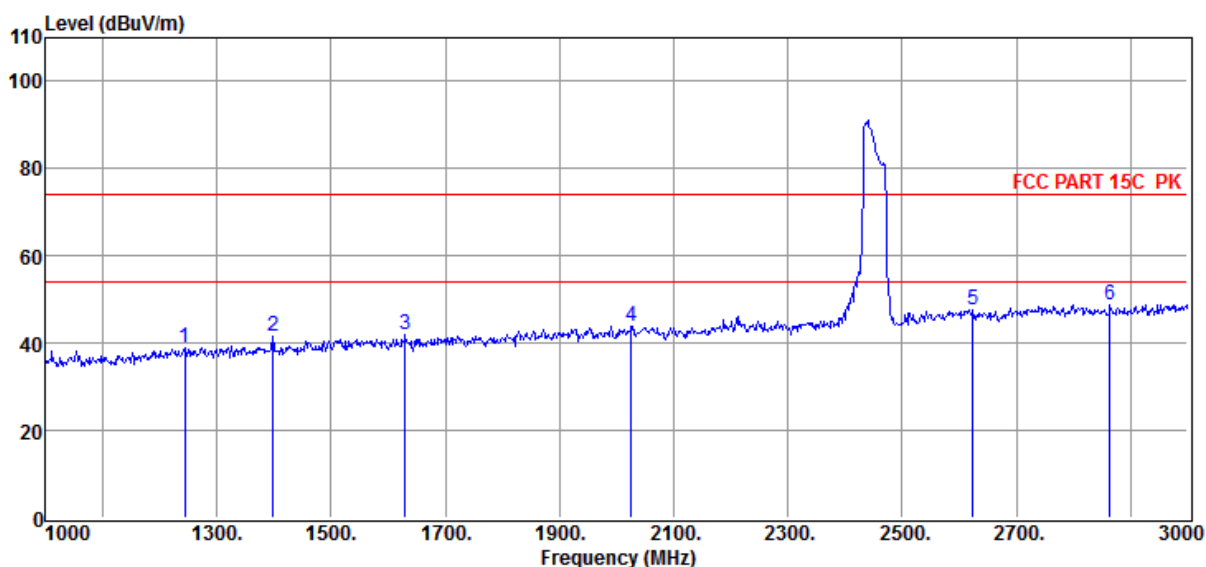
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11N40 MCS0 2452MHz

Data: 550



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	1244.00	-4.79	39.05	74.00	-34.95	184	79	Peak	HORIZONTAL
2	1398.00	-4.11	41.47	74.00	-32.53	184	205	Peak	HORIZONTAL
3	1630.00	-2.32	42.12	74.00	-31.88	165	191	Peak	HORIZONTAL
4	2026.00	0.71	43.95	74.00	-30.05	159	77	Peak	HORIZONTAL
5	2624.00	5.62	47.73	74.00	-26.27	168	258	Peak	HORIZONTAL
6	2864.00	6.78	48.65	74.00	-25.35	168	323	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-05-2022

Tested By : Sunny

EUT : LTE Module

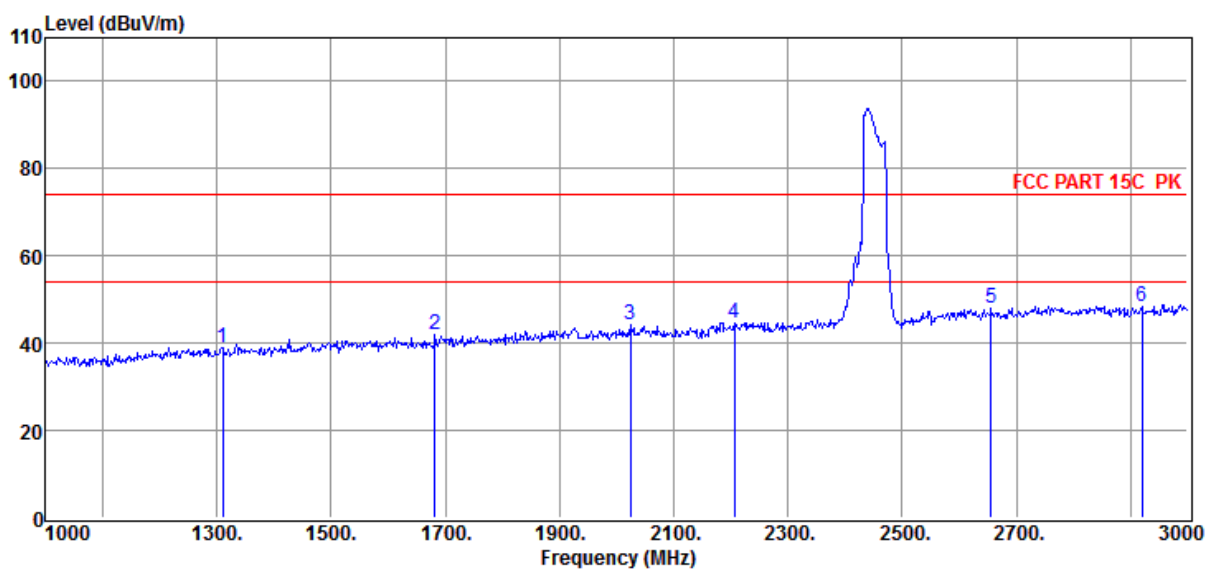
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11N40 MCS0 2452MHz

Data: 551



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	1310.00	-4.62	38.90	74.00	-35.10	178	346	Peak	VERTICAL
2	1682.00	-2.11	41.90	74.00	-32.10	188	62	Peak	VERTICAL
3	2024.00	0.68	44.36	74.00	-29.64	165	14	Peak	VERTICAL
4	2206.00	2.37	44.74	74.00	-29.26	166	223	Peak	VERTICAL
5	2656.00	5.37	48.06	74.00	-25.94	188	157	Peak	VERTICAL
6	2920.00	6.84	48.41	74.00	-25.59	183	323	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission test (3 GHz – 18GHz)

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-06-2022

Tested By : Sunny

EUT : LTE Module

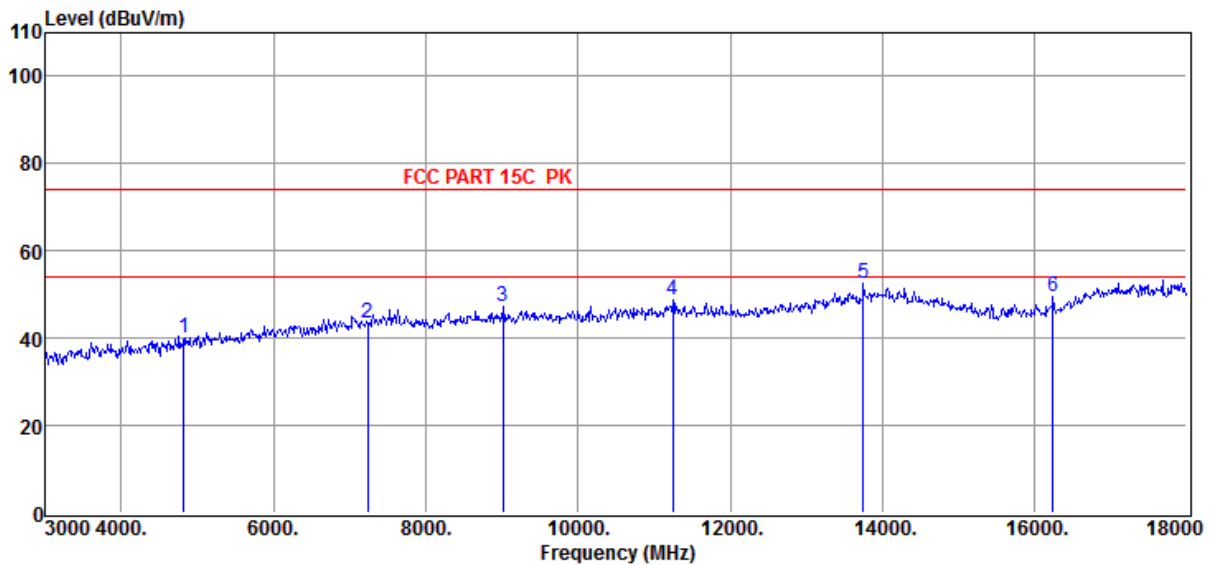
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11B 1M 2412MHz

Data: 568



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	4824.00	0.83	39.89	74.00	-34.11	174	313	Peak	VERTICAL
2	7236.00	6.19	43.62	74.00	-30.38	174	12	Peak	VERTICAL
3	9015.00	7.16	47.18	74.00	-26.82	167	156	Peak	VERTICAL
4	11250.00	10.25	48.77	74.00	-25.23	181	291	Peak	VERTICAL
5	13755.00	11.96	52.48	74.00	-21.52	169	211	Peak	VERTICAL
6	16245.00	11.65	49.64	74.00	-24.36	190	331	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-06-2022

Tested By : Sunny

EUT : LTE Module

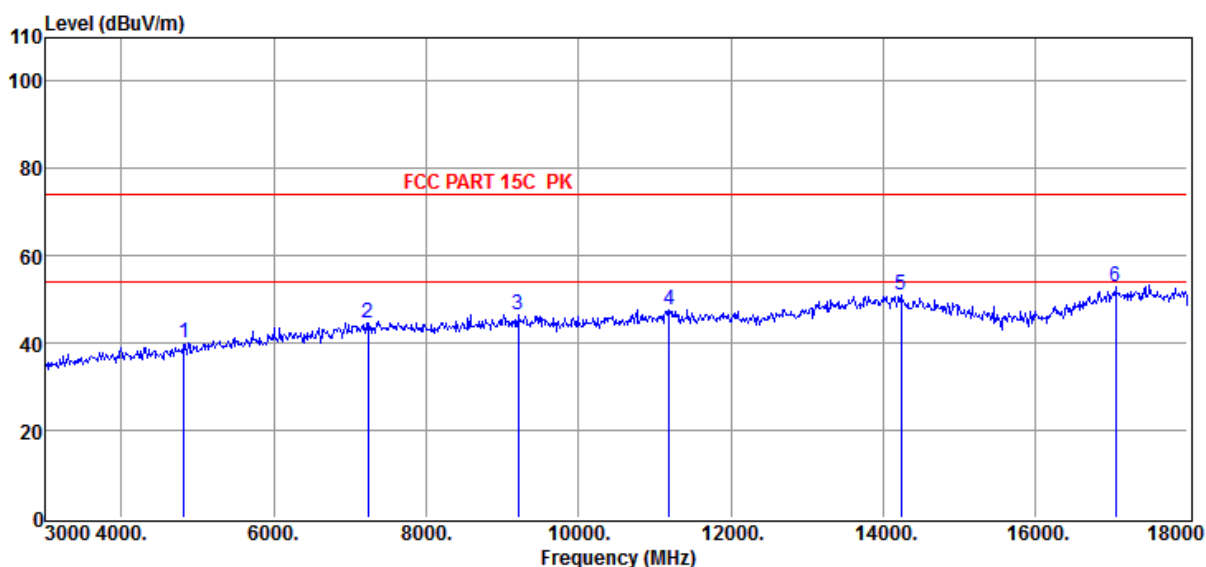
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11B 1M 2412MHz

Data: 569



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	4824.00	0.83	40.14	74.00	-33.86	172	190	Peak	HORIZONTAL
2	7236.00	6.19	44.44	74.00	-29.56	185	108	Peak	HORIZONTAL
3	9210.00	7.32	46.43	74.00	-27.57	178	4	Peak	HORIZONTAL
4	11190.00	10.36	47.72	74.00	-26.28	169	265	Peak	HORIZONTAL
5	14235.00	13.64	50.87	74.00	-23.13	184	281	Peak	HORIZONTAL
6	17055.00	15.90	52.89	74.00	-21.11	190	264	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-06-2022

Tested By : Sunny

EUT : LTE Module

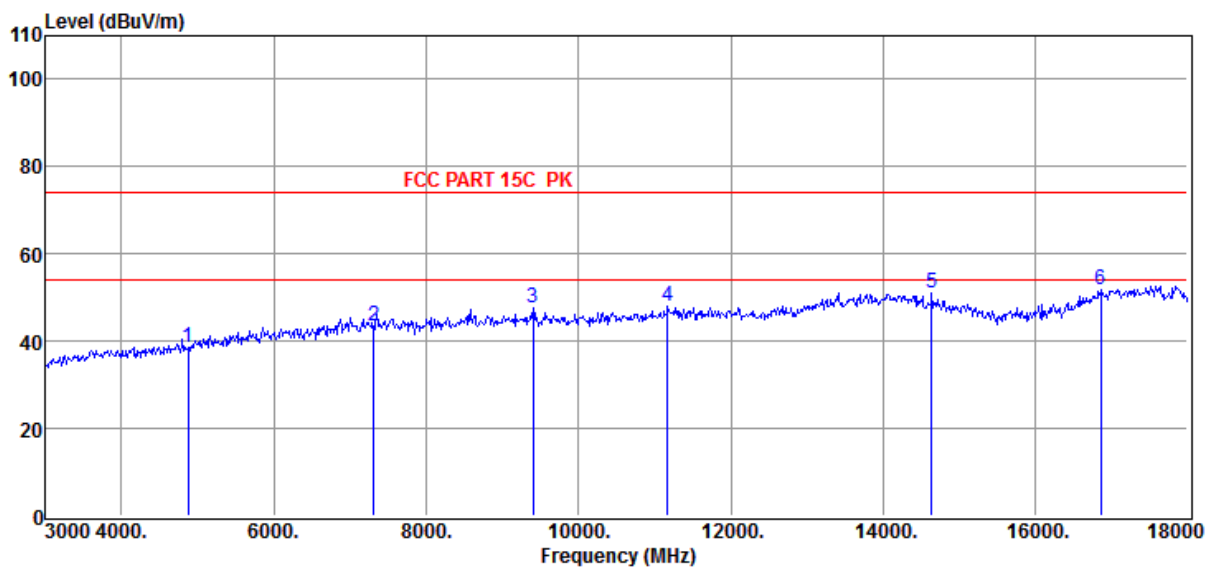
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11B 1M 2437MHz

Data: 570



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	4874.00	0.92	38.41	74.00	-35.59	152	152	Peak	HORIZONTAL
2	7311.00	6.34	43.47	74.00	-30.53	189	11	Peak	HORIZONTAL
3	9405.00	8.17	47.59	74.00	-26.41	188	171	Peak	HORIZONTAL
4	11175.00	10.30	47.99	74.00	-26.01	171	221	Peak	HORIZONTAL
5	14640.00	13.13	50.95	74.00	-23.05	164	129	Peak	HORIZONTAL
6	16860.00	15.11	51.98	74.00	-22.02	153	351	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-06-2022

Tested By : Sunny

EUT : LTE Module

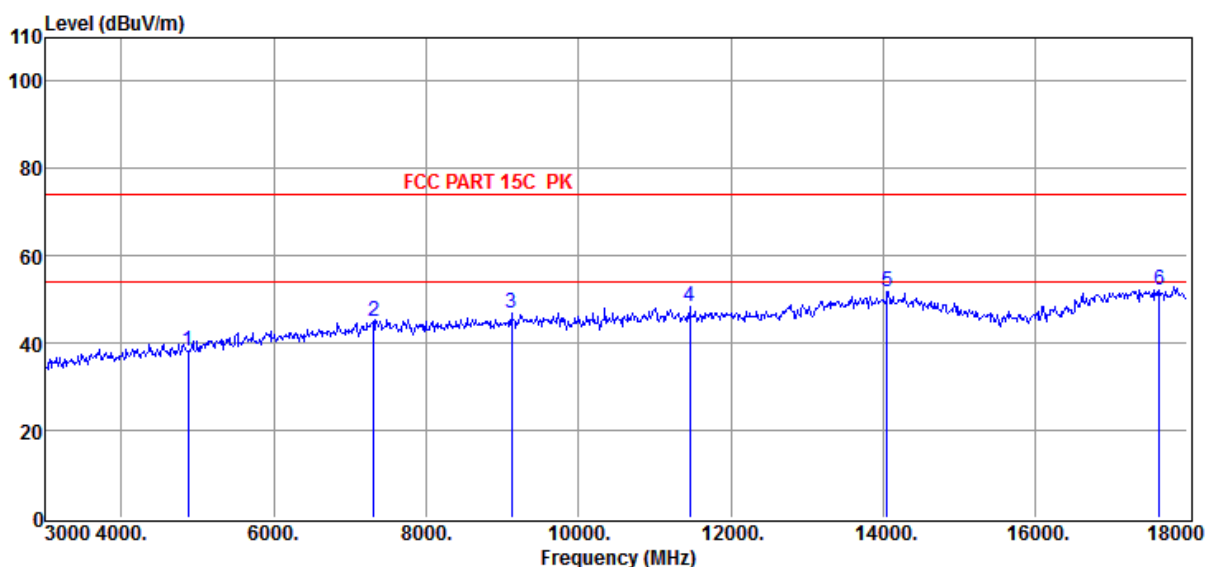
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11B 1M 2437MHz

Data: 571



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	4874.00	0.92	38.19	74.00	-35.81	168	23	Peak	VERTICAL
2	7311.00	6.34	45.11	74.00	-28.89	157	58	Peak	VERTICAL
3	9120.00	7.09	46.76	74.00	-27.24	161	328	Peak	VERTICAL
4	11460.00	10.08	48.32	74.00	-25.68	187	180	Peak	VERTICAL
5	14055.00	13.04	51.69	74.00	-22.31	171	20	Peak	VERTICAL
6	17625.00	15.28	52.30	74.00	-21.70	157	8	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-06-2022

Tested By : Sunny

EUT : LTE Module

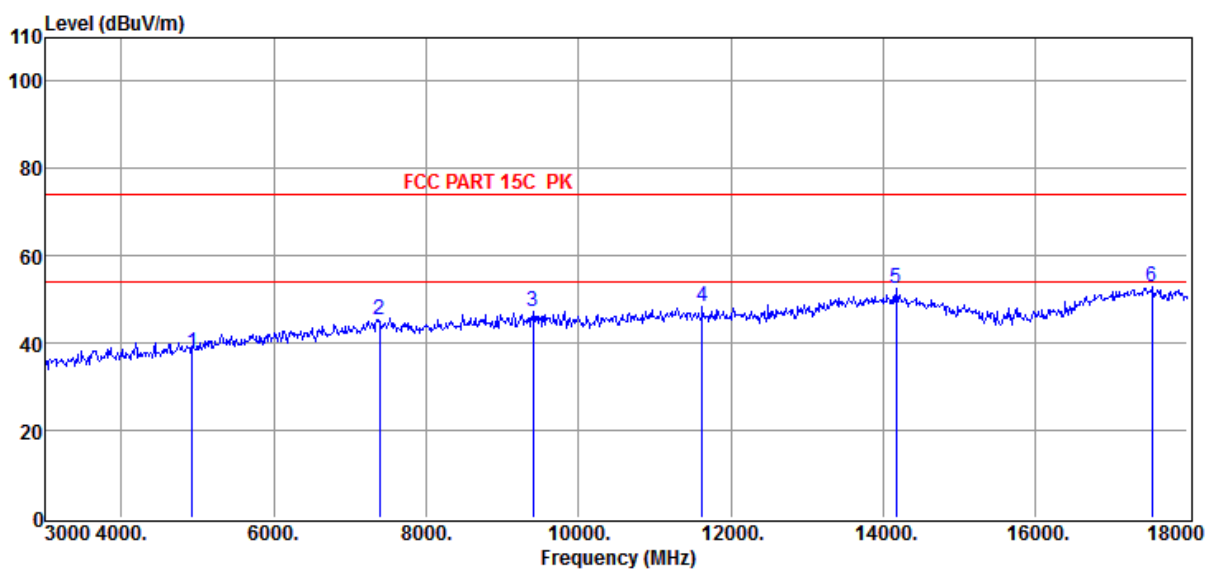
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11B 1M 2462MHz

Data: 572



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	4924.00	1.07	37.81	74.00	-36.19	189	272	Peak	VERTICAL
2	7386.00	6.24	45.20	74.00	-28.80	183	295	Peak	VERTICAL
3	9405.00	8.17	47.39	74.00	-26.61	183	127	Peak	VERTICAL
4	11625.00	10.05	48.20	74.00	-25.80	169	287	Peak	VERTICAL
5	14175.00	13.83	52.40	74.00	-21.60	162	76	Peak	VERTICAL
6	17535.00	15.54	53.00	74.00	-21.00	170	177	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-06-2022

Tested By : Sunny

EUT : LTE Module

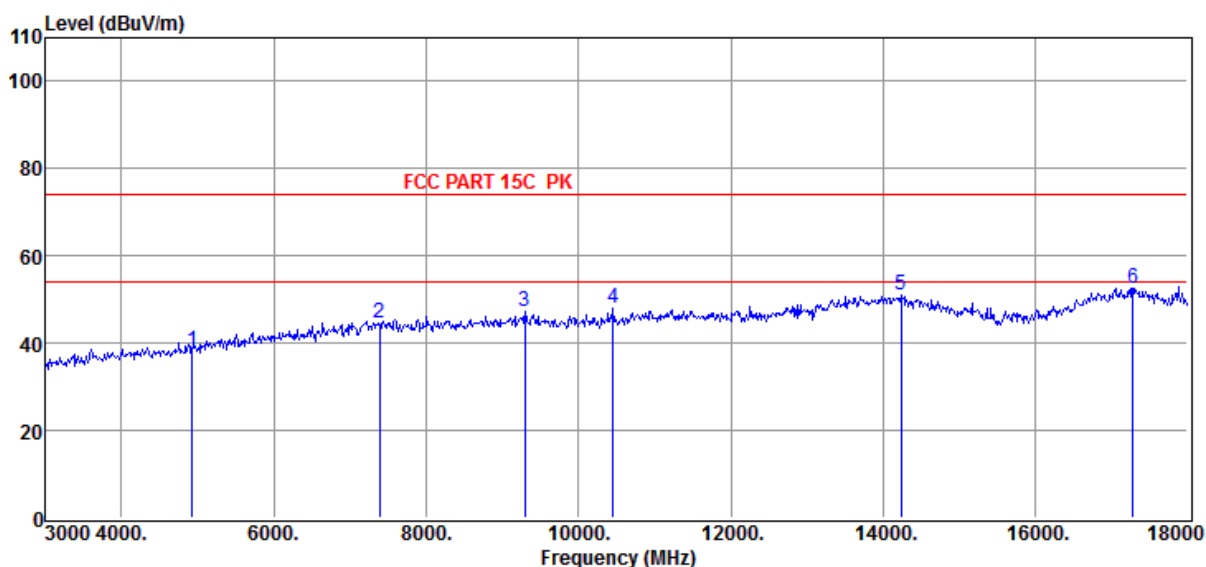
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11B 1M 2462MHz

Data: 573



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	4924.00	1.07	38.17	74.00	-35.83	179	218	Peak	HORIZONTAL
2	7386.00	6.24	44.55	74.00	-29.45	151	278	Peak	HORIZONTAL
3	9300.00	7.67	47.28	74.00	-26.72	168	340	Peak	HORIZONTAL
4	10455.00	8.89	47.90	74.00	-26.10	155	295	Peak	HORIZONTAL
5	14235.00	13.64	50.94	74.00	-23.06	176	219	Peak	HORIZONTAL
6	17280.00	15.77	52.68	74.00	-21.32	178	44	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-06-2022

Tested By : Sunny

EUT : LTE Module

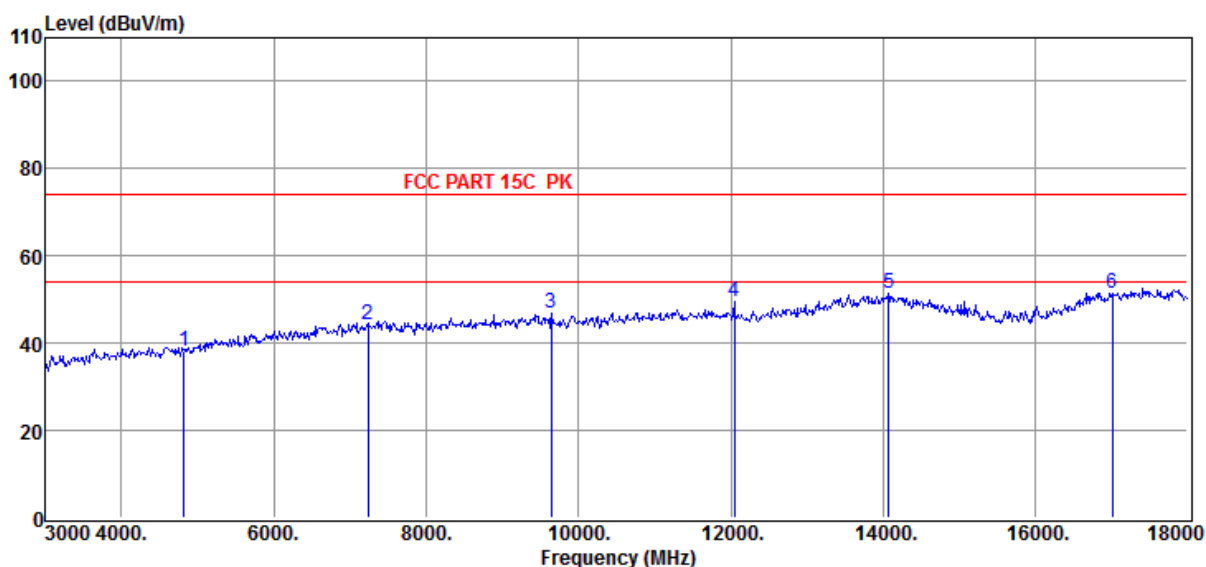
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11G 6M 2412MHz

Data: 574



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	4824.00	0.83	38.27	74.00	-35.73	166	99	Peak	HORIZONTAL
2	7236.00	6.19	44.16	74.00	-29.84	154	170	Peak	HORIZONTAL
3	9645.00	8.08	46.69	74.00	-27.31	168	256	Peak	HORIZONTAL
4	12045.00	9.84	49.52	74.00	-24.48	183	32	Peak	HORIZONTAL
5	14070.00	13.05	51.25	74.00	-22.75	160	184	Peak	HORIZONTAL
6	17010.00	16.24	51.45	74.00	-22.55	189	86	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-06-2022

Tested By : Sunny

EUT : LTE Module

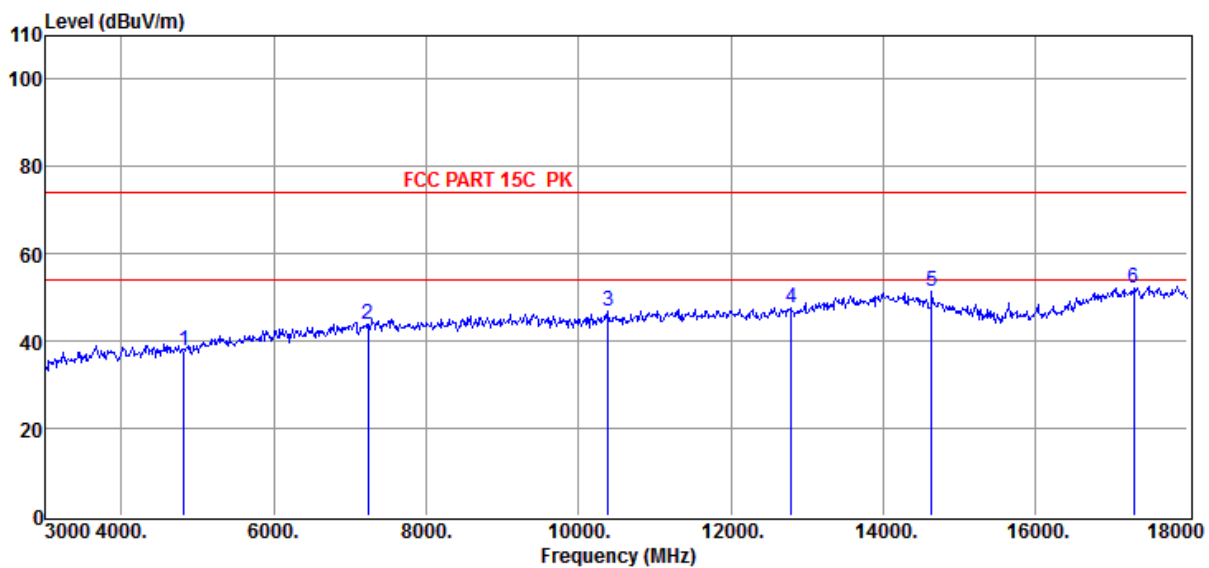
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11G 6M 2412MHz

Data: 575



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	4824.00	0.83	37.92	74.00	-36.08	171	199	Peak	VERTICAL
2	7236.00	6.19	43.69	74.00	-30.31	167	57	Peak	VERTICAL
3	10395.00	8.83	46.70	74.00	-27.30	184	291	Peak	VERTICAL
4	12795.00	9.62	47.55	74.00	-26.45	189	170	Peak	VERTICAL
5	14640.00	13.13	51.24	74.00	-22.76	152	40	Peak	VERTICAL
6	17295.00	15.81	52.26	74.00	-21.74	152	169	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-06-2022

Tested By : Sunny

EUT : LTE Module

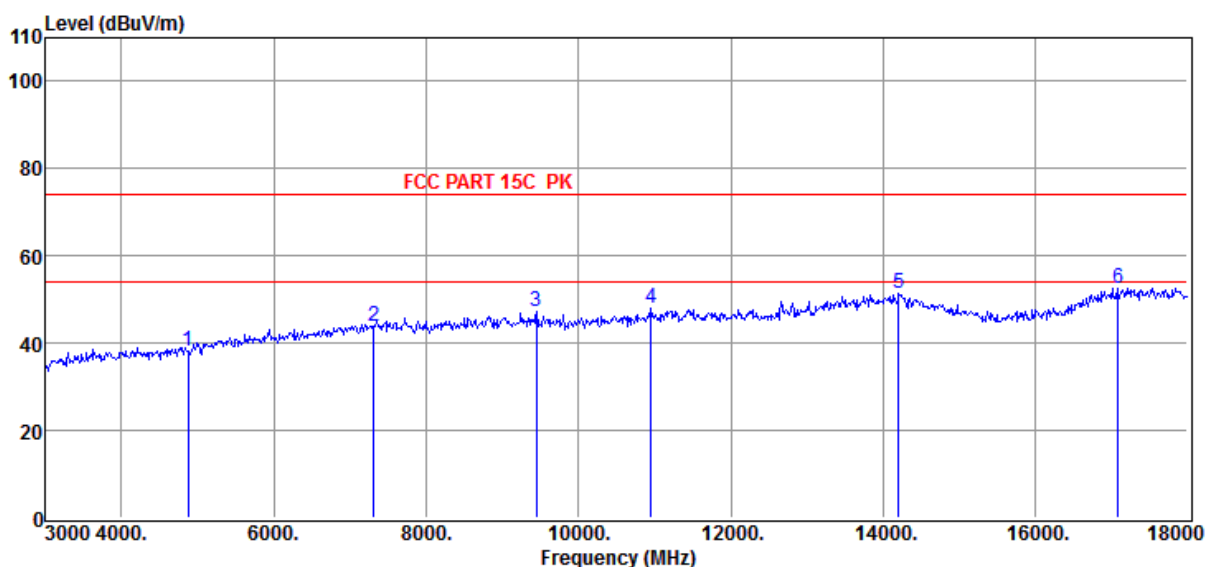
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11G 6M 2437MHz

Data: 576



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	4874.00	0.92	38.32	74.00	-35.68	150	173	Peak	VERTICAL
2	7311.00	6.34	43.97	74.00	-30.03	171	65	Peak	VERTICAL
3	9450.00	7.98	47.22	74.00	-26.78	154	327	Peak	VERTICAL
4	10950.00	9.68	48.15	74.00	-25.85	188	164	Peak	VERTICAL
5	14205.00	14.01	51.32	74.00	-22.68	173	133	Peak	VERTICAL
6	17085.00	15.67	52.59	74.00	-21.41	185	235	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-06-2022

Tested By : Sunny

EUT : LTE Module

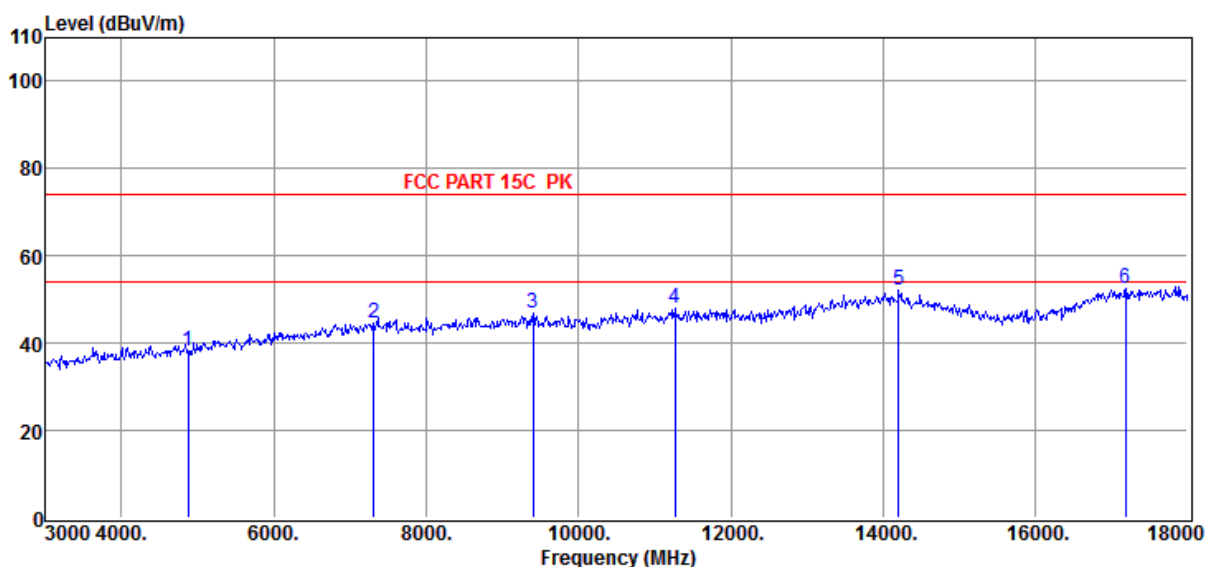
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11G 6M 2437MHz

Data: 577



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	4874.00	0.92	38.13	74.00	-35.87	161	4	Peak	HORIZONTAL
2	7311.00	6.34	44.52	74.00	-29.48	177	2	Peak	HORIZONTAL
3	9405.00	8.17	46.83	74.00	-27.17	164	213	Peak	HORIZONTAL
4	11265.00	10.20	48.07	74.00	-25.93	165	149	Peak	HORIZONTAL
5	14205.00	14.01	52.18	74.00	-21.82	183	185	Peak	HORIZONTAL
6	17190.00	15.55	52.40	74.00	-21.60	168	308	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-06-2022

Tested By : Sunny

EUT : LTE Module

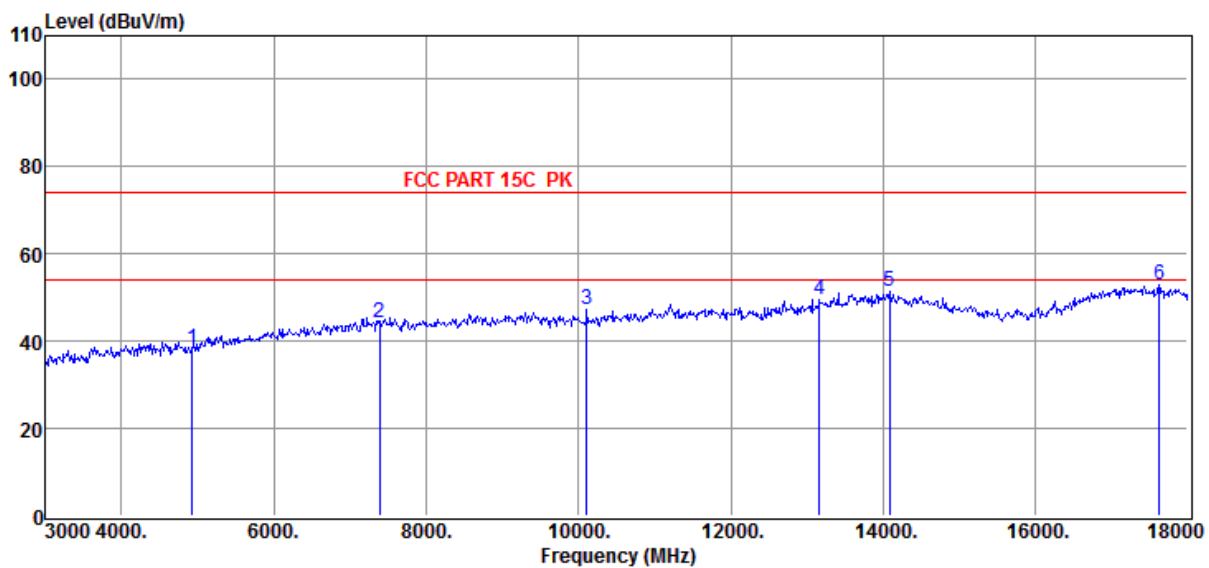
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11G 6M 2462MHz

Data: 578



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	4924.00	0.36	38.37	74.00	-35.63	166	175	Peak	HORIZONTAL
2	7386.00	5.51	44.08	74.00	-29.92	183	355	Peak	HORIZONTAL
3	10110.00	8.65	47.07	74.00	-26.93	186	34	Peak	HORIZONTAL
4	13170.00	10.37	49.41	74.00	-24.59	177	299	Peak	HORIZONTAL
5	14085.00	13.06	51.45	74.00	-22.55	150	260	Peak	HORIZONTAL
6	17625.00	15.28	52.84	74.00	-21.16	157	59	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-06-2022

Tested By : Sunny

EUT : LTE Module

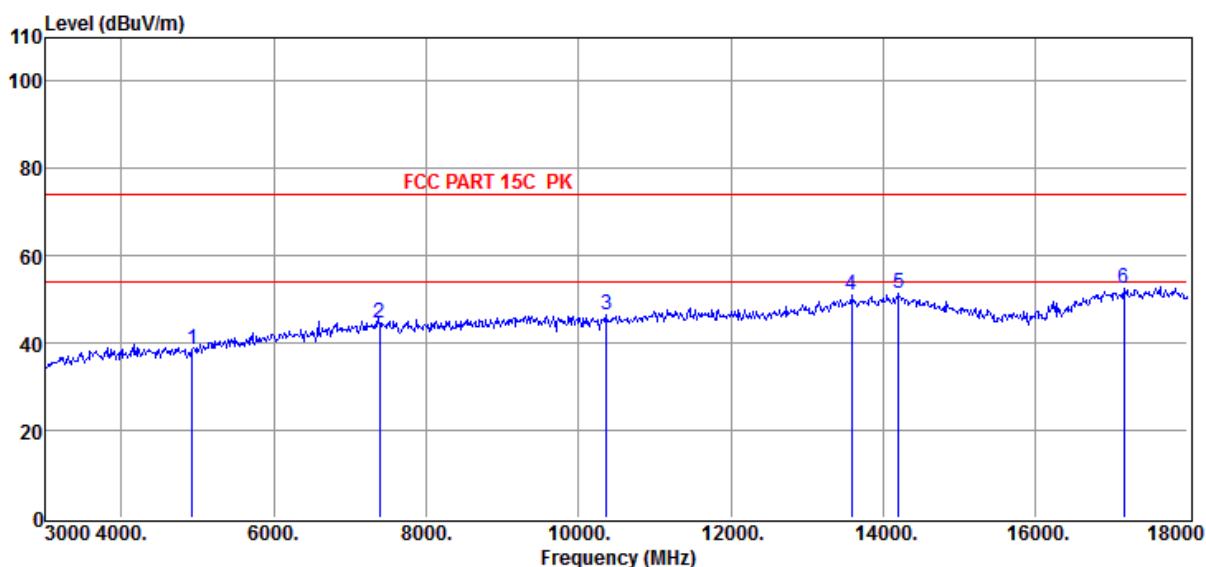
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11G 6M 2462MHz

Data: 579



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	4924.00	1.07	38.37	74.00	-35.63	175	11	Peak	VERTICAL
2	7386.00	6.24	44.65	74.00	-29.35	189	263	Peak	VERTICAL
3	10365.00	8.77	46.42	74.00	-27.58	153	231	Peak	VERTICAL
4	13590.00	11.45	50.89	74.00	-23.11	159	219	Peak	VERTICAL
5	14205.00	14.01	51.35	74.00	-22.65	182	174	Peak	VERTICAL
6	17160.00	15.55	52.38	74.00	-21.62	160	357	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-06-2022

Tested By : Sunny

EUT : LTE Module

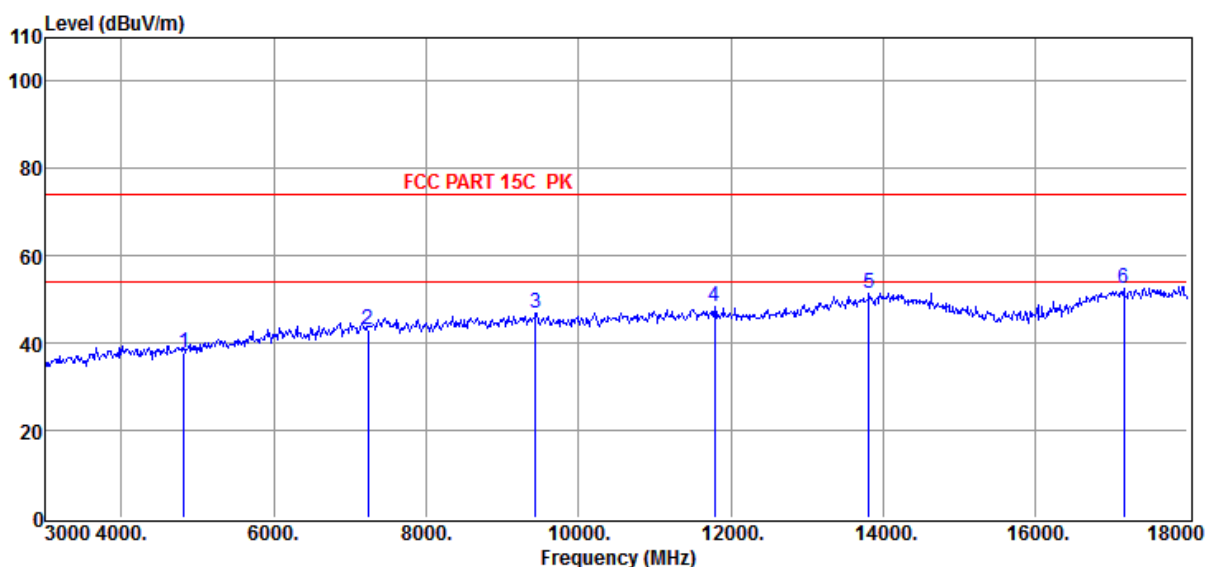
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11N20 MCS0 2412MHz

Data: 580



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	4824.00	0.83	37.97	74.00	-36.03	180	101	Peak	VERTICAL
2	7236.00	6.19	43.16	74.00	-30.84	180	163	Peak	VERTICAL
3	9435.00	8.05	46.75	74.00	-27.25	155	142	Peak	VERTICAL
4	11790.00	10.02	48.37	74.00	-25.63	157	269	Peak	VERTICAL
5	13815.00	12.10	51.55	74.00	-22.45	174	40	Peak	VERTICAL
6	17160.00	15.55	52.45	74.00	-21.55	173	147	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-06-2022

Tested By : Sunny

EUT : LTE Module

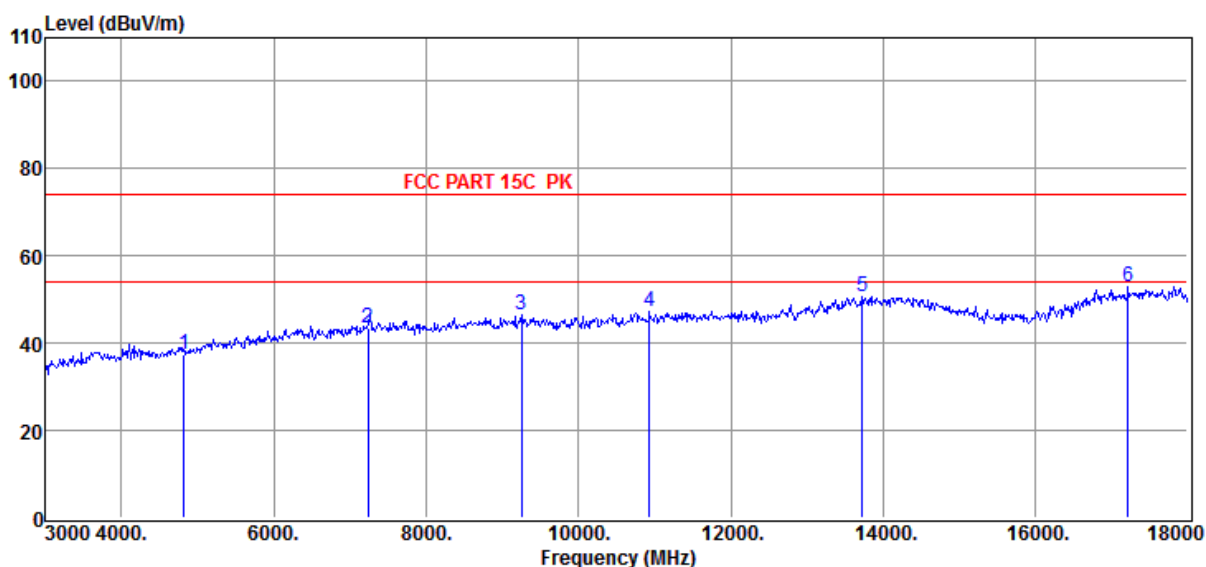
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11N20 MCS0 2412MHz

Data: 581



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	4824.00	0.83	37.48	74.00	-36.52	178	197	Peak	HORIZONTAL
2	7236.00	6.19	43.31	74.00	-30.69	160	55	Peak	HORIZONTAL
3	9255.00	7.49	46.49	74.00	-27.51	173	321	Peak	HORIZONTAL
4	10935.00	9.62	47.29	74.00	-26.71	188	315	Peak	HORIZONTAL
5	13725.00	11.93	50.74	74.00	-23.26	166	328	Peak	HORIZONTAL
6	17220.00	15.61	52.73	74.00	-21.27	156	110	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-06-2022

Tested By : Sunny

EUT : LTE Module

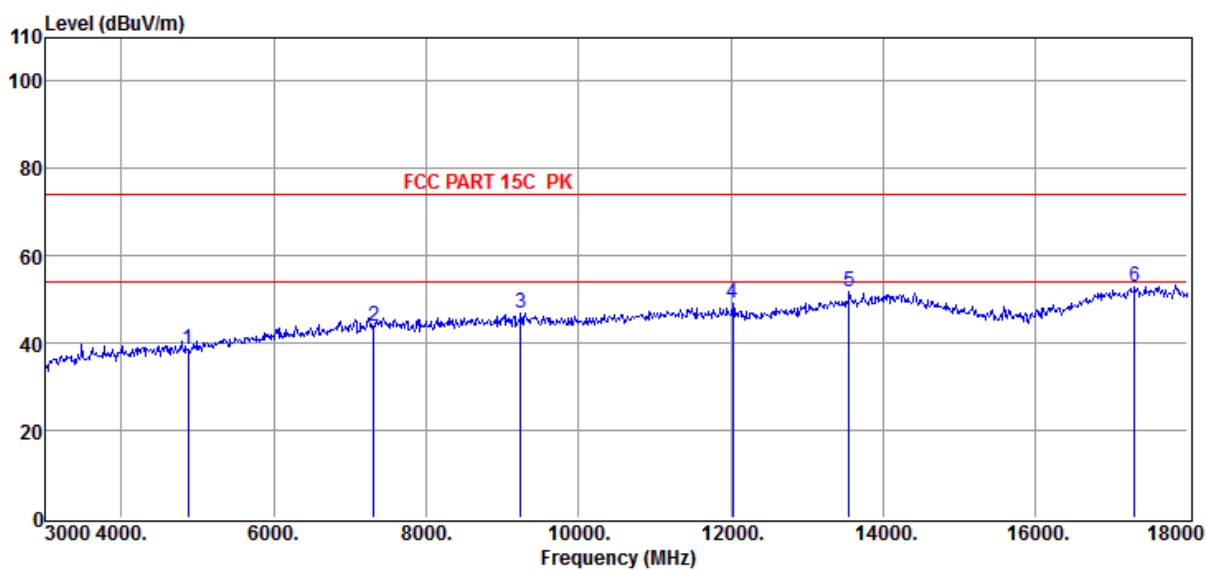
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11N20 MCS0 2437MHz

Data: 582



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	4874.00	0.92	38.40	74.00	-35.60	170	73	Peak	HORIZONTAL
2	7311.00	6.34	43.81	74.00	-30.19	166	153	Peak	HORIZONTAL
3	9240.00	7.43	47.04	74.00	-26.96	154	75	Peak	HORIZONTAL
4	12030.00	9.83	49.08	74.00	-24.92	190	138	Peak	HORIZONTAL
5	13560.00	11.41	51.62	74.00	-22.38	176	301	Peak	HORIZONTAL
6	17310.00	15.80	53.08	74.00	-20.92	182	278	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-06-2022

Tested By : Sunny

EUT : LTE Module

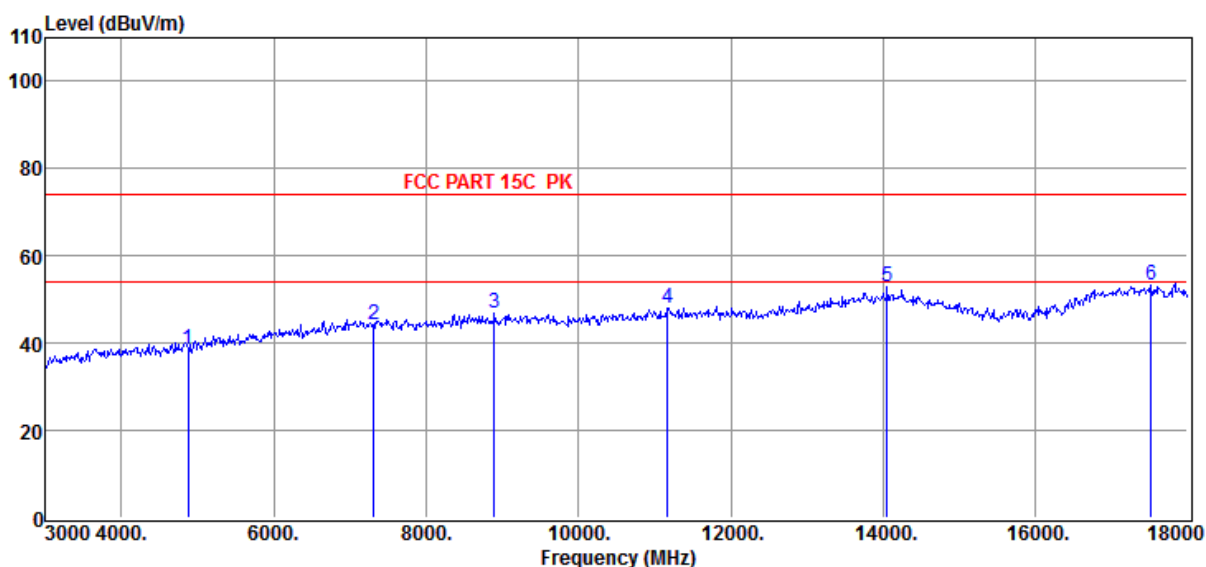
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11N20 MCS0 2437MHz

Data: 583



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	4874.00	0.92	38.49	74.00	-35.51	157	302	Peak	VERTICAL
2	7311.00	6.34	44.27	74.00	-29.73	166	140	Peak	VERTICAL
3	8895.00	6.45	46.72	74.00	-27.28	183	160	Peak	VERTICAL
4	11175.00	10.30	48.06	74.00	-25.94	154	187	Peak	VERTICAL
5	14055.00	13.04	52.83	74.00	-21.17	177	24	Peak	VERTICAL
6	17520.00	15.56	53.13	74.00	-20.87	153	295	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-06-2022

Tested By : Sunny

EUT : LTE Module

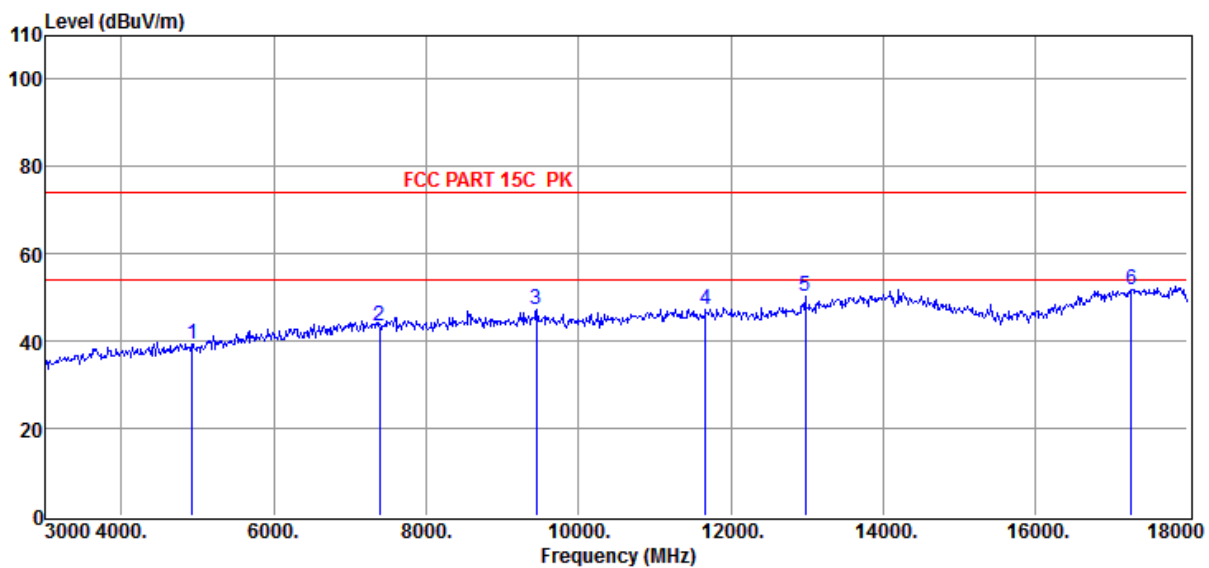
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11N20 MCS0 2462MHz

Data: 584



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	4924.00	1.07	39.13	74.00	-34.87	180	135	Peak	VERTICAL
2	7386.00	6.24	43.44	74.00	-30.56	155	268	Peak	VERTICAL
3	9450.00	7.98	47.08	74.00	-26.92	165	355	Peak	VERTICAL
4	11670.00	10.04	47.25	74.00	-26.75	177	202	Peak	VERTICAL
5	12975.00	9.88	50.41	74.00	-23.59	175	47	Peak	VERTICAL
6	17265.00	15.73	51.95	74.00	-22.05	189	129	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-07-2022

Tested By : Sunny

EUT : LTE Module

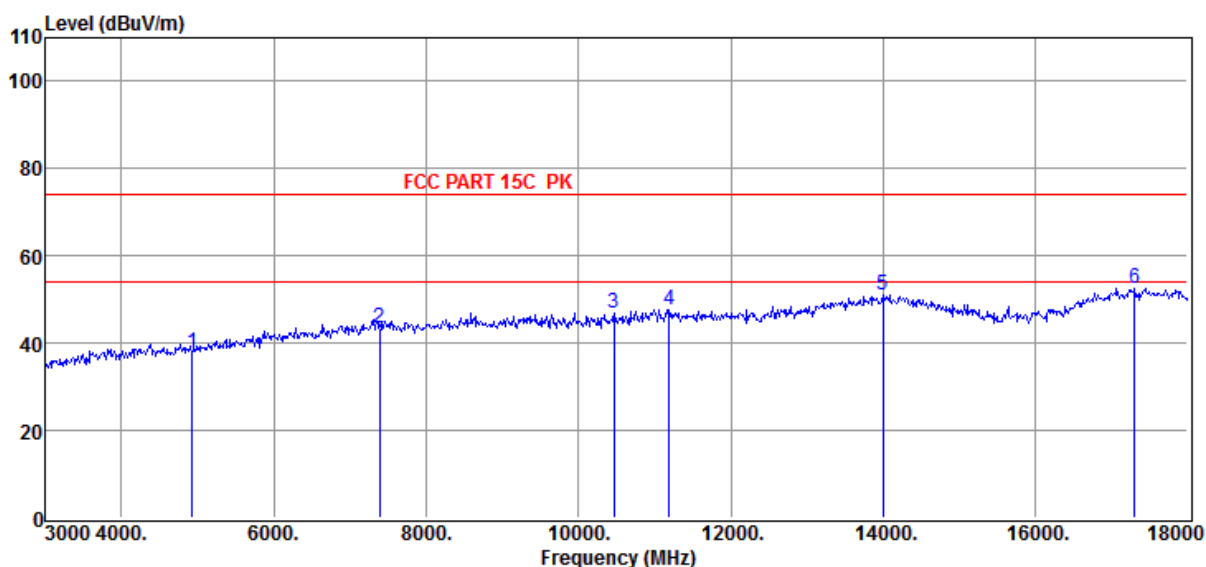
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11N20 MCS0 2462MHz

Data: 585



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	4924.00	1.07	37.92	74.00	-36.08	166	216	Peak	HORIZONTAL
2	7386.00	6.24	43.43	74.00	-30.57	153	79	Peak	HORIZONTAL
3	10470.00	8.91	46.79	74.00	-27.21	175	210	Peak	HORIZONTAL
4	11190.00	10.36	47.74	74.00	-26.26	167	117	Peak	HORIZONTAL
5	13995.00	12.98	51.12	74.00	-22.88	190	186	Peak	HORIZONTAL
6	17310.00	15.80	52.69	74.00	-21.31	166	333	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-07-2022

Tested By : Sunny

EUT : LTE Module

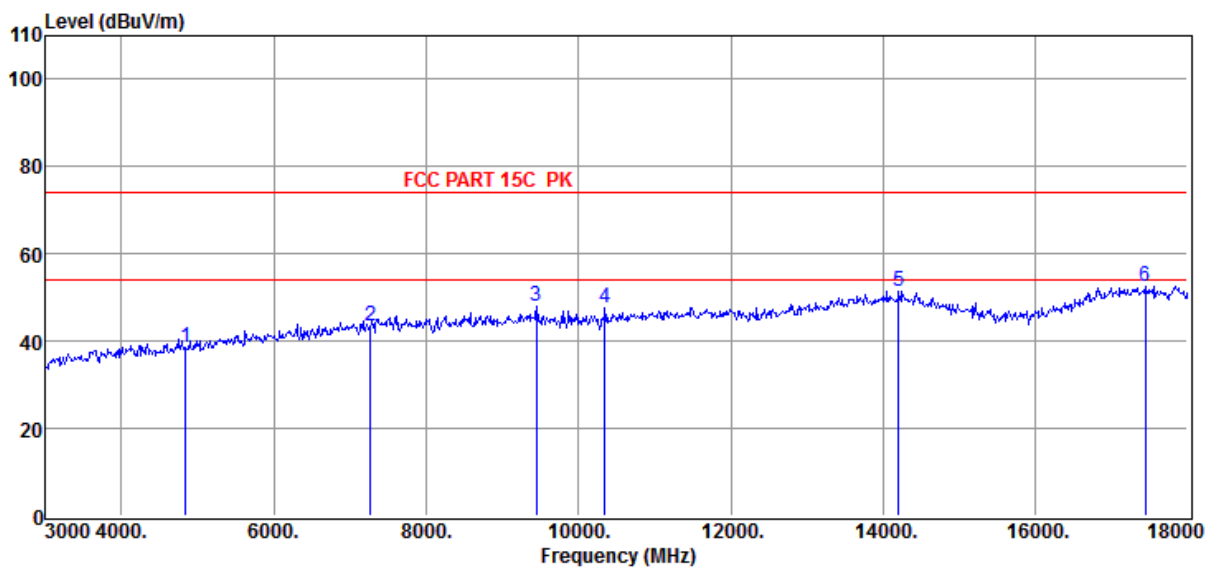
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11N40 MCS0 2422MHz

Data: 586



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	4844.00	0.88	38.67	74.00	-35.33	182	91	Peak	HORIZONTAL
2	7266.00	6.37	43.51	74.00	-30.49	180	68	Peak	HORIZONTAL
3	9450.00	7.98	47.85	74.00	-26.15	171	10	Peak	HORIZONTAL
4	10350.00	8.73	47.80	74.00	-26.20	184	147	Peak	HORIZONTAL
5	14205.00	14.01	51.51	74.00	-22.49	152	128	Peak	HORIZONTAL
6	17445.00	15.59	52.50	74.00	-21.50	150	230	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-07-2022

Tested By : Sunny

EUT : LTE Module

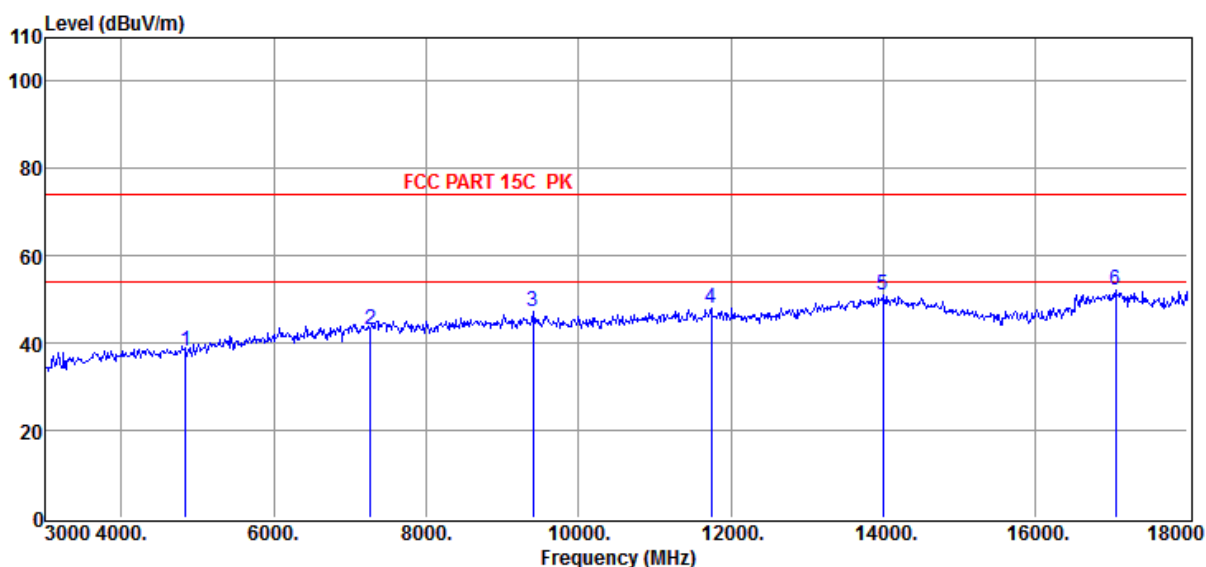
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11N40 MCS0 2422MHz

Data: 587



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	4844.00	0.88	38.17	74.00	-35.83	156	171	Peak	VERTICAL
2	7266.00	6.37	43.25	74.00	-30.75	188	227	Peak	VERTICAL
3	9405.00	8.17	47.18	74.00	-26.82	151	296	Peak	VERTICAL
4	11745.00	10.02	47.98	74.00	-26.02	189	221	Peak	VERTICAL
5	13995.00	12.98	50.95	74.00	-23.05	159	63	Peak	VERTICAL
6	17055.00	15.90	52.14	74.00	-21.86	166	198	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-07-2022

Tested By : Sunny

EUT : LTE Module

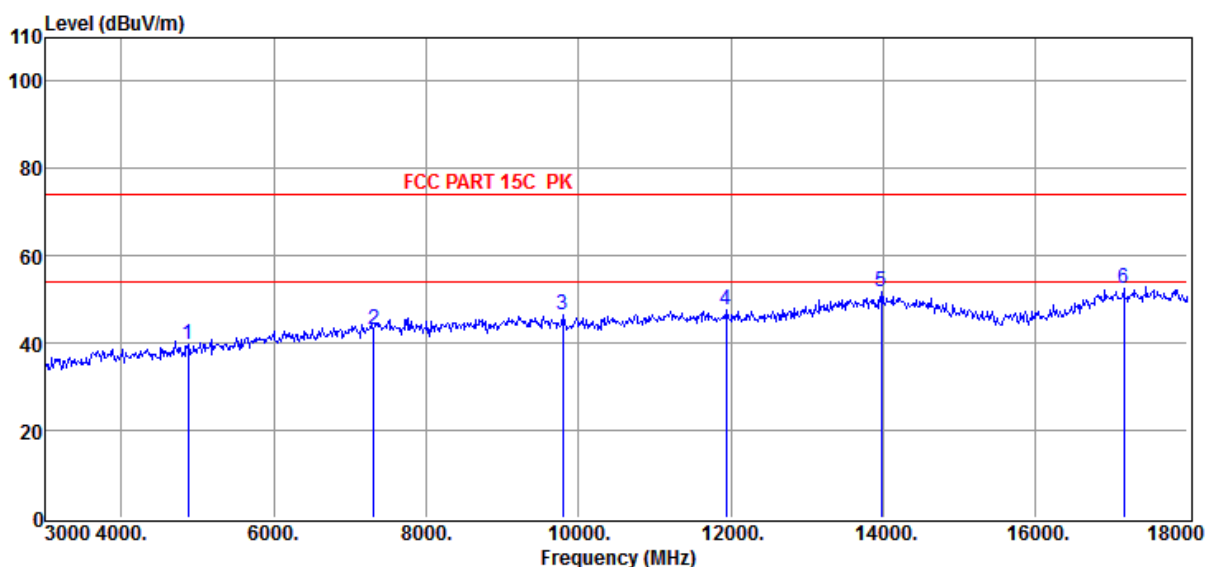
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11N40 MCS0 2437MHz

Data: 588



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	4874.00	0.92	39.53	74.00	-34.47	159	141	Peak	VERTICAL
2	7311.00	6.34	43.14	74.00	-30.86	152	174	Peak	VERTICAL
3	9795.00	8.11	46.36	74.00	-27.64	156	80	Peak	VERTICAL
4	11940.00	9.93	47.65	74.00	-26.35	163	256	Peak	VERTICAL
5	13980.00	12.92	51.76	74.00	-22.24	183	32	Peak	VERTICAL
6	17160.00	15.55	52.40	74.00	-21.60	172	26	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-07-2022

Tested By : Sunny

EUT : LTE Module

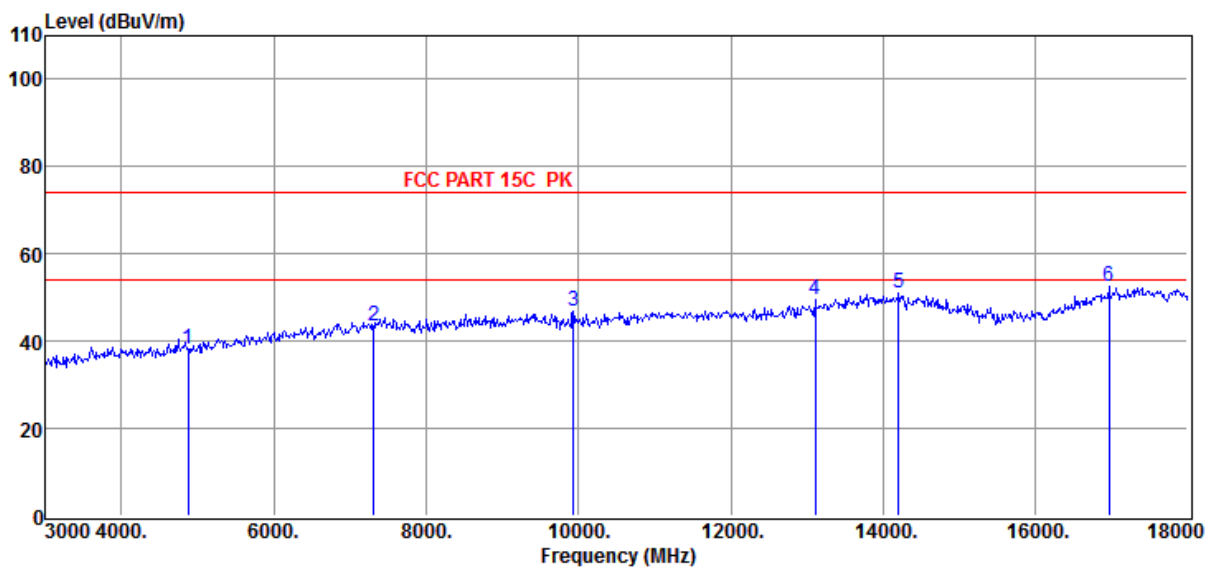
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11N40 MCS0 2437MHz

Data: 589



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	4874.00	0.92	38.29	74.00	-35.71	169	215	Peak	HORIZONTAL
2	7311.00	6.34	43.30	74.00	-30.70	178	57	Peak	HORIZONTAL
3	9930.00	8.20	46.78	74.00	-27.22	177	48	Peak	HORIZONTAL
4	13110.00	10.62	49.37	74.00	-24.63	159	261	Peak	HORIZONTAL
5	14205.00	14.01	50.90	74.00	-23.10	157	333	Peak	HORIZONTAL
6	16965.00	15.81	52.50	74.00	-21.50	186	327	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-07-2022

Tested By : Sunny

EUT : LTE Module

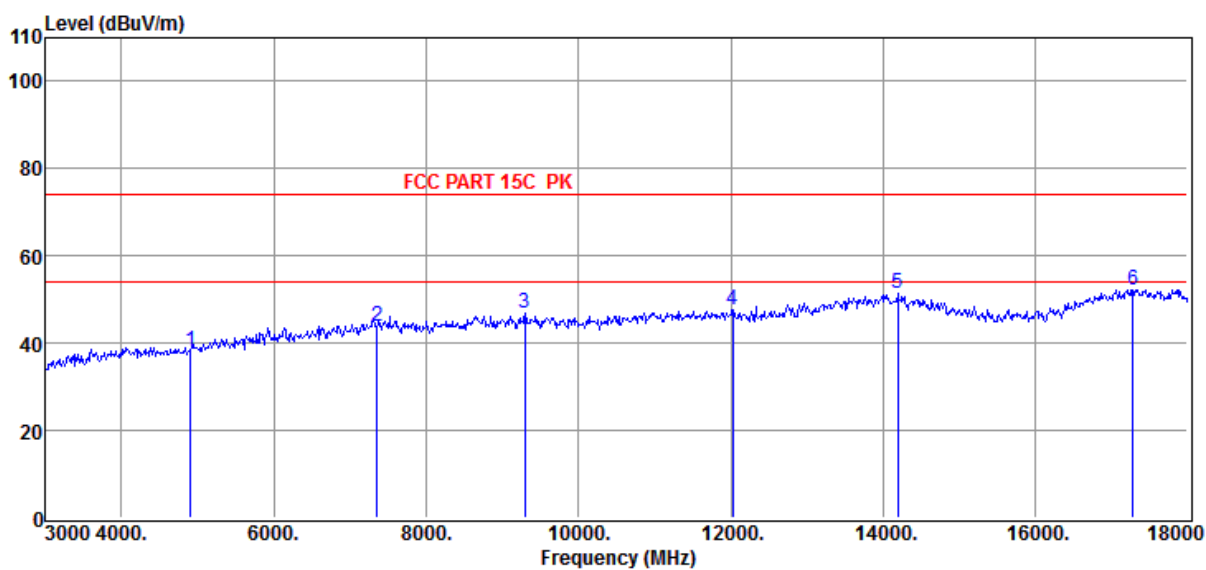
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11N40 MCS0 2452MHz

Data: 590



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	4904.00	0.96	38.28	74.00	-35.72	181	328	Peak	HORIZONTAL
2	7356.00	6.52	43.77	74.00	-30.23	190	31	Peak	HORIZONTAL
3	9300.00	7.67	46.96	74.00	-27.04	176	140	Peak	HORIZONTAL
4	12030.00	9.83	47.70	74.00	-26.30	168	265	Peak	HORIZONTAL
5	14190.00	13.97	51.56	74.00	-22.44	158	359	Peak	HORIZONTAL
6	17280.00	15.77	52.32	74.00	-21.68	181	324	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-07-2022

Tested By : Sunny

EUT : LTE Module

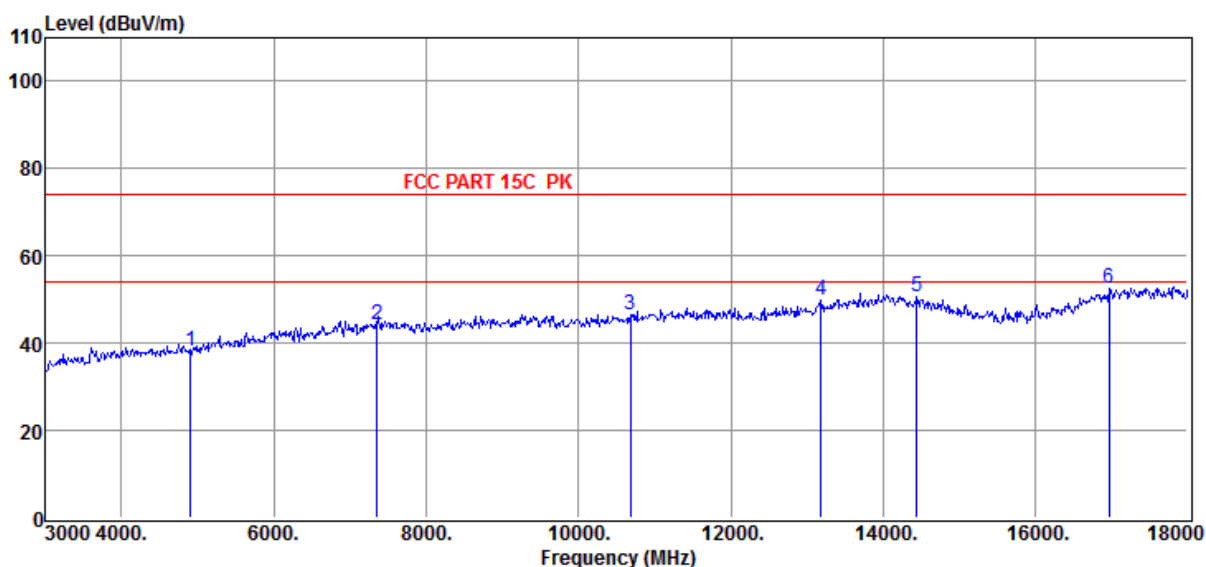
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11N40 MCS0 2452MHz

Data: 591



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	4904.00	0.96	38.04	74.00	-35.96	155	2	Peak	VERTICAL
2	7356.00	6.52	44.21	74.00	-29.79	166	279	Peak	VERTICAL
3	10680.00	9.11	46.47	74.00	-27.53	181	278	Peak	VERTICAL
4	13185.00	10.30	49.85	74.00	-24.15	172	179	Peak	VERTICAL
5	14445.00	13.39	50.68	74.00	-23.32	175	340	Peak	VERTICAL
6	16965.00	15.81	52.35	74.00	-21.65	176	5	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

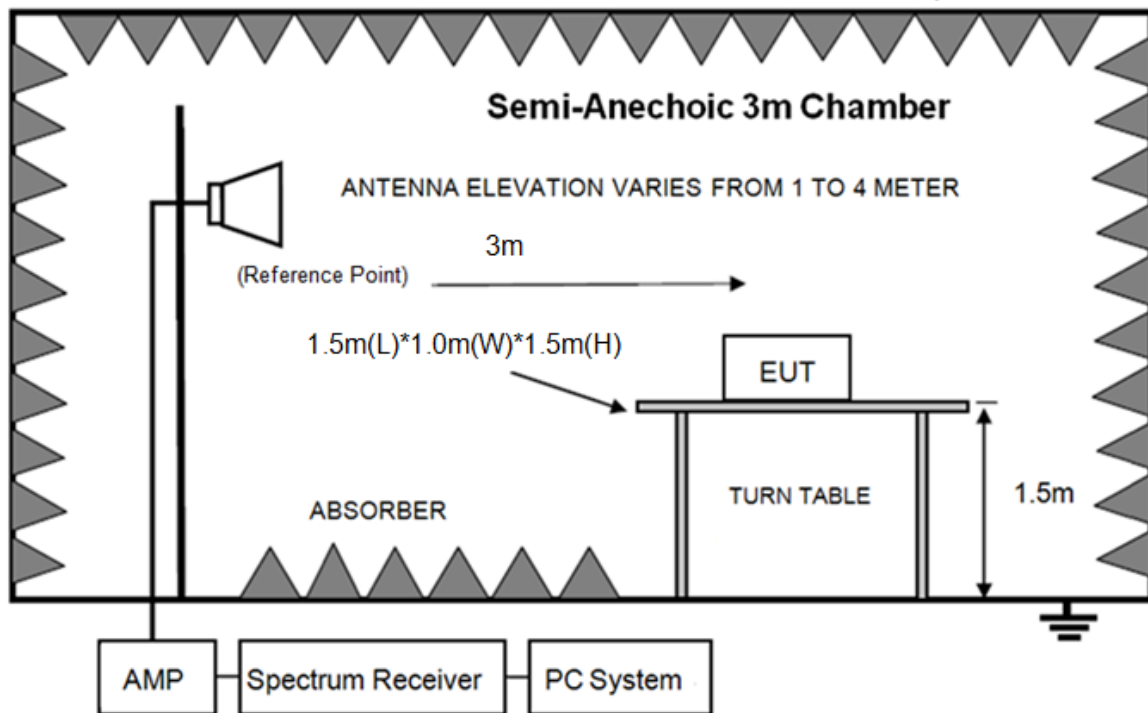
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

6. Band Edge Compliance (Radiated Method)

6.1. Block diagram of test setup



6.2. Limit

All restriction band should comply with 15.209, other emission should be at least 20 dB below the fundamental.

6.3. Test Procedure

Same with clause 10.3 except change investigated frequency range from 2310 MHz to 2430 MHz and 2445 MHz to 2550 MHz.

Remark: All restriction band have been tested, and only the worst case is shown in report.

6.4. Test result

Pass. (See below detailed test result)

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-05-2022

Tested By : Sunny

EUT : LTE Module

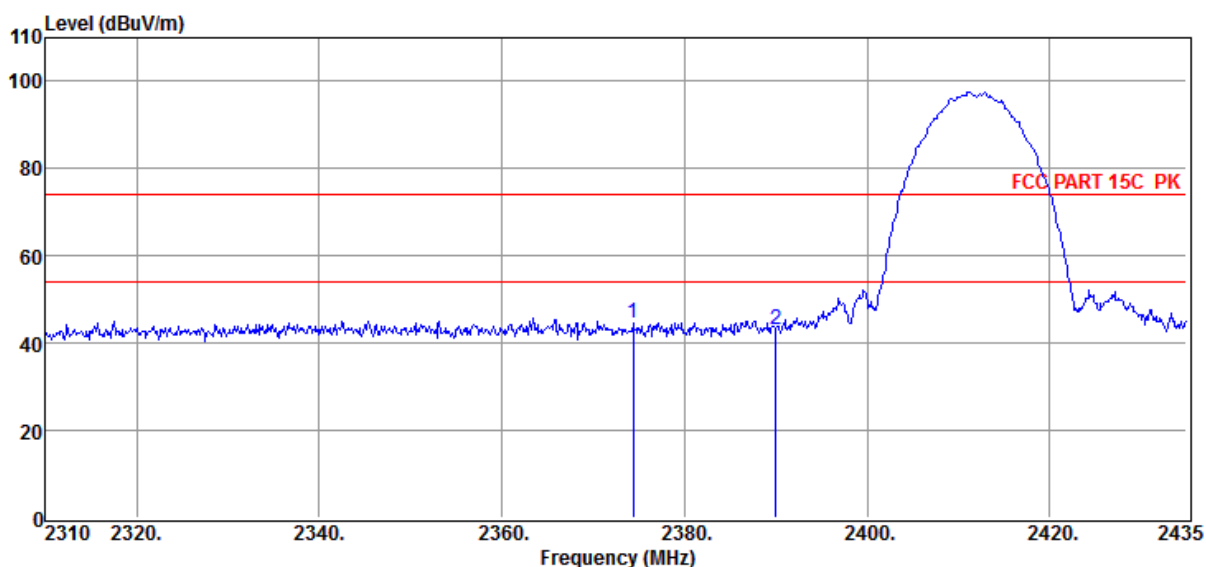
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11B 1M 2412MHz

Data: 552



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	2374.38	3.25	44.79	74.00	-29.21	179	76	Peak	VERTICAL
2	2390.00	3.30	43.20	74.00	-30.80	173	226	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-05-2022

Tested By : Sunny

EUT : LTE Module

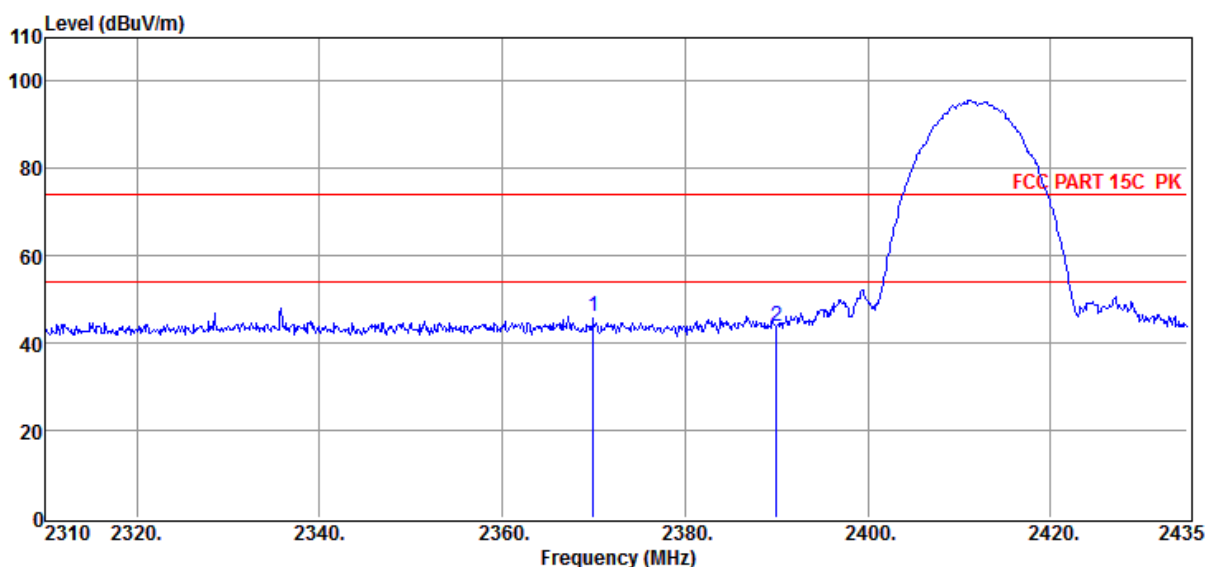
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11B 1M 2412MHz

Data: 553



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	2370.00	3.25	46.07	74.00	-27.93	159	244	Peak	HORIZONTAL
2	2390.00	3.30	43.73	74.00	-30.27	167	342	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-05-2022

Tested By : Sunny

EUT : LTE Module

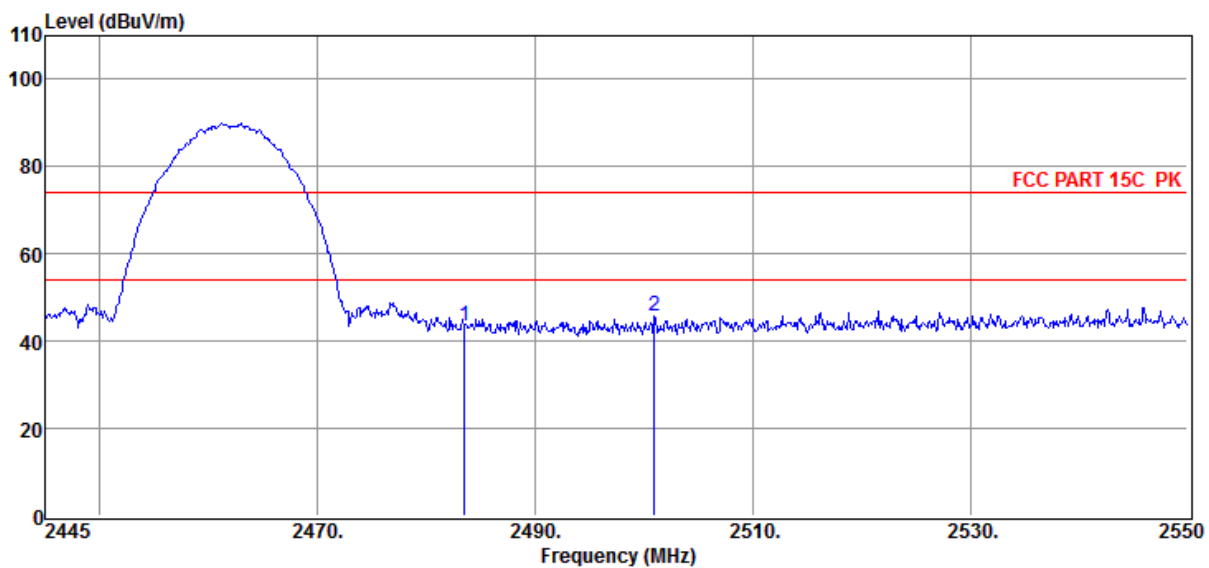
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11B 1M 2462MHz

Data: 554



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	2483.50	3.52	43.37	74.00	-30.63	177	329	Peak	HORIZONTAL
2	2500.97	3.67	45.73	74.00	-28.27	166	96	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-05-2022

Tested By : Sunny

EUT : LTE Module

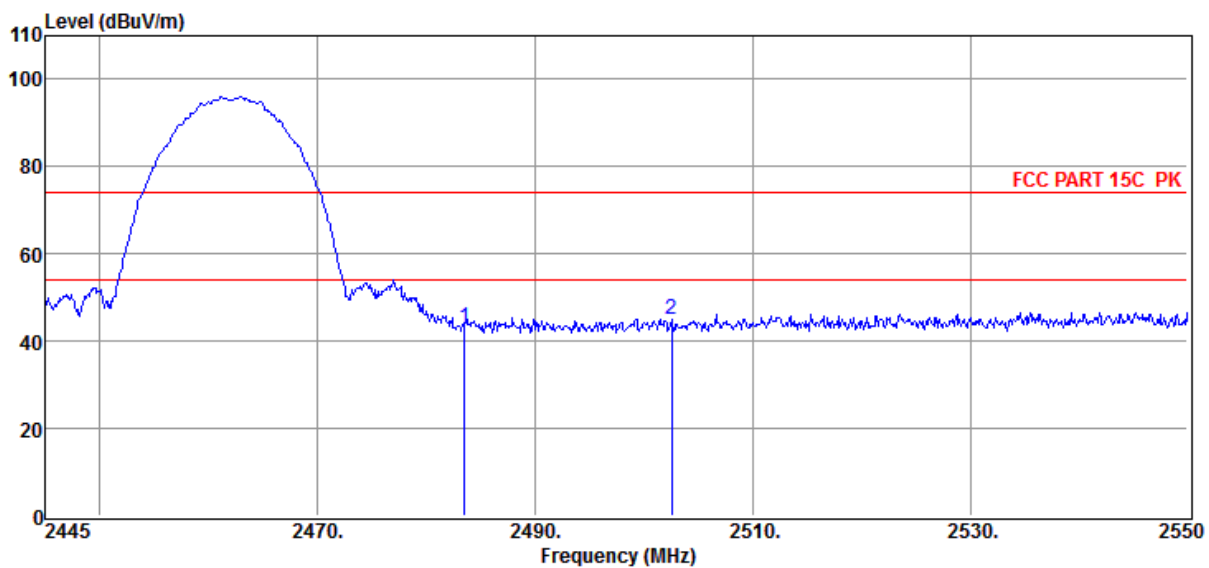
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11B 1M 2462MHz

Data: 555



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	2483.50	3.52	43.25	74.00	-30.75	167	320	Peak	VERTICAL
2	2502.54	3.70	44.94	74.00	-29.06	165	321	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-05-2022

Tested By : Sunny

EUT : LTE Module

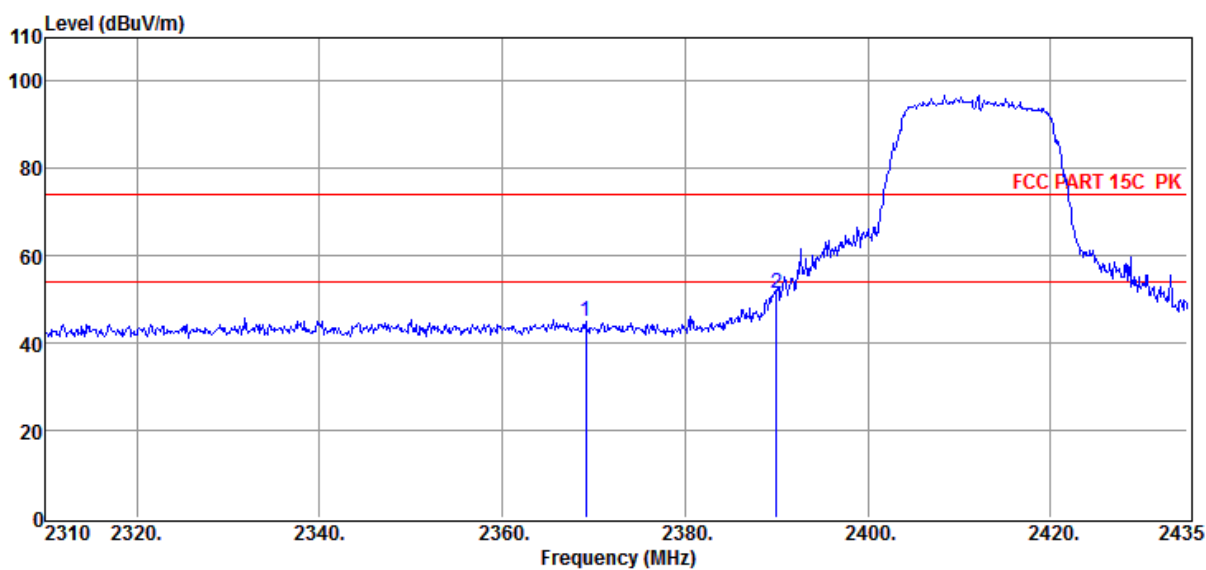
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11G 6M 2412MHz

Data: 556



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	2369.13	3.24	44.80	74.00	-29.20	165	347	Peak	HORIZONTAL
2	2390.00	3.30	51.45	74.00	-22.55	151	133	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-05-2022

Tested By : Sunny

EUT : LTE Module

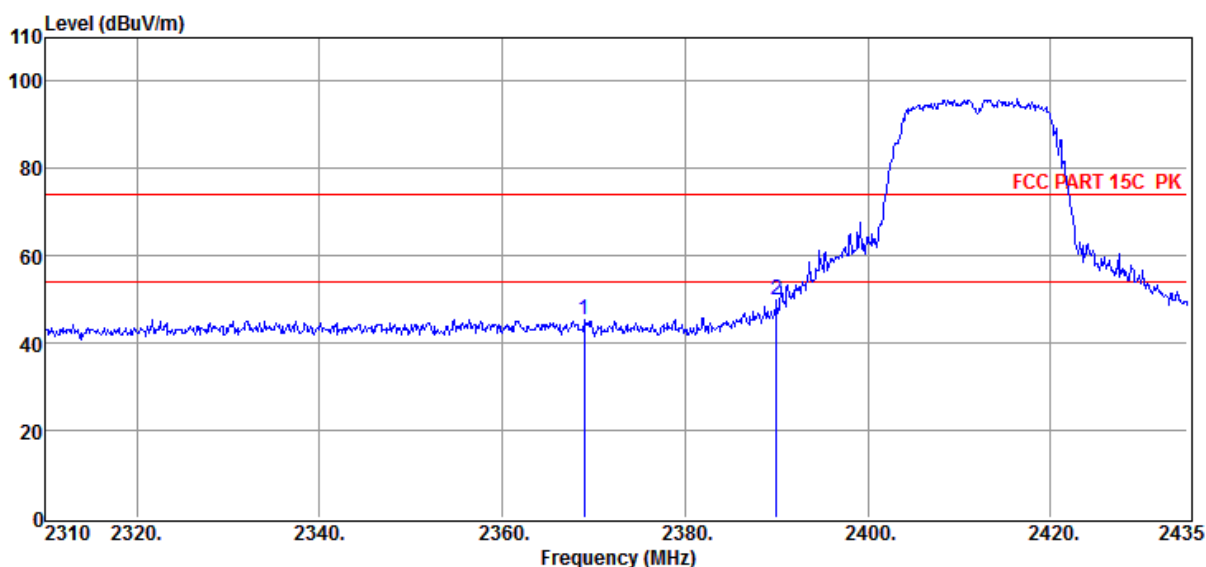
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11G 6M 2412MHz

Data: 557



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	2369.00	3.24	45.36	74.00	-28.64	181	256	Peak	VERTICAL
2	2390.00	3.30	49.81	74.00	-24.19	154	74	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-05-2022

Tested By : Sunny

EUT : LTE Module

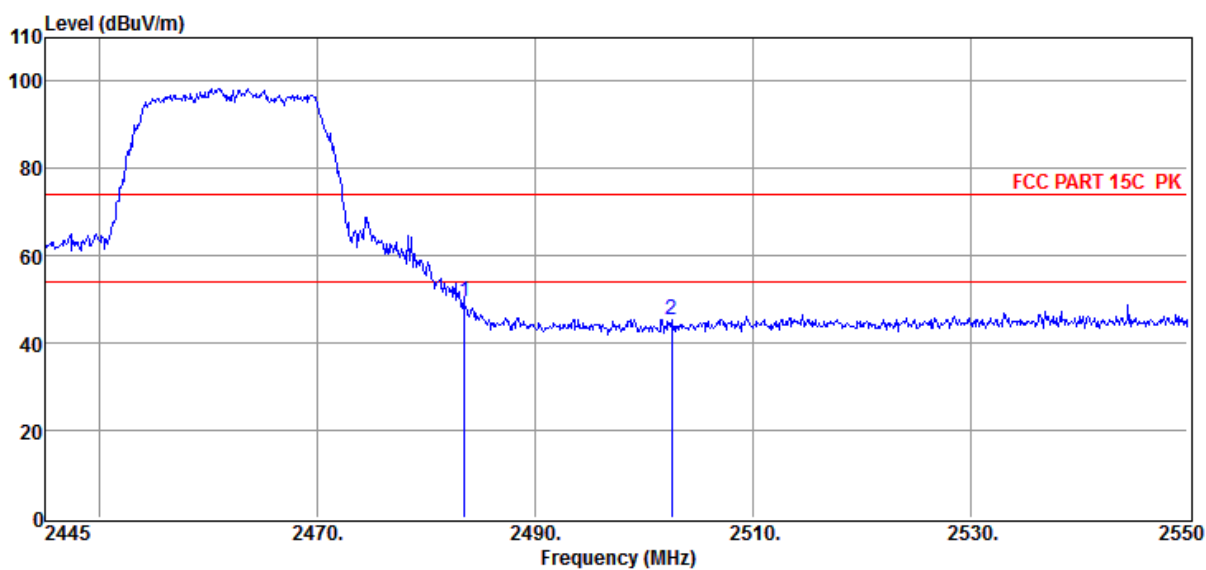
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11G 6M 2462MHz

Data: 558



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	2483.50	3.52	49.50	74.00	-24.50	150	16	Peak	VERTICAL
2	2502.54	3.70	45.50	74.00	-28.50	179	229	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-05-2022

Tested By : Sunny

EUT : LTE Module

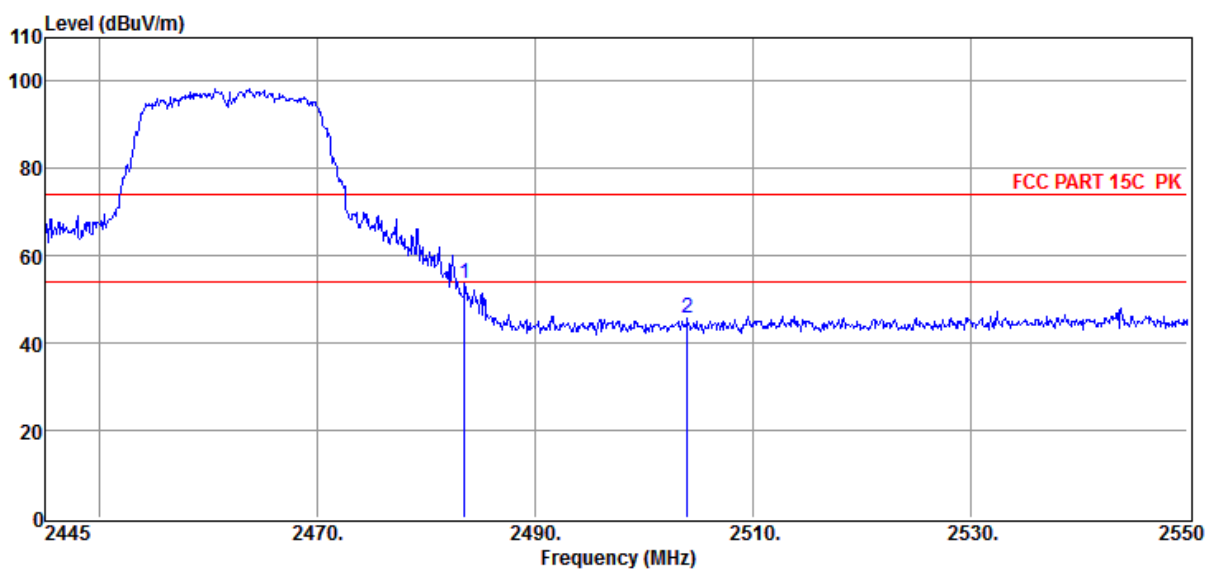
Model Number : SC600Y-NA, SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11G 6M 2462MHz

Data: 559



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	2483.50	3.52	53.82	74.00	-20.18	160	60	Peak	HORIZONTAL
2	2504.01	3.73	45.68	74.00	-28.32	190	103	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-05-2022

Tested By : Sunny

EUT : LTE Module

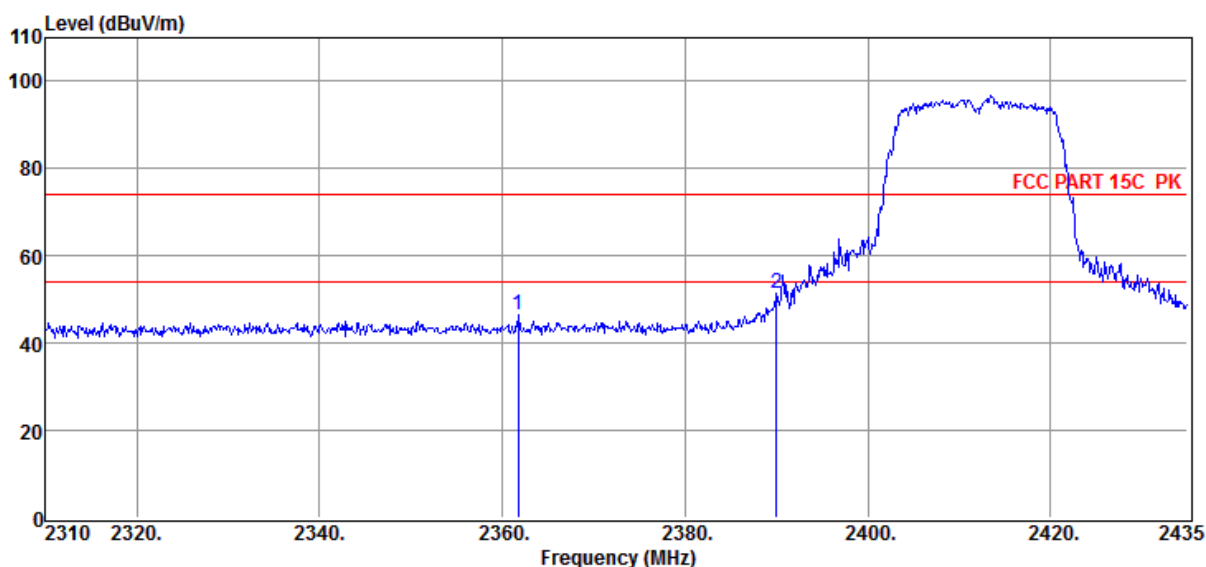
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11N20 MCS0 2412MHz

Data: 560



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	2361.75	3.23	46.47	74.00	-27.53	154	343	Peak	VERTICAL
2	2390.00	3.30	51.30	74.00	-22.70	183	316	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-05-2022

Tested By : Sunny

EUT : LTE Module

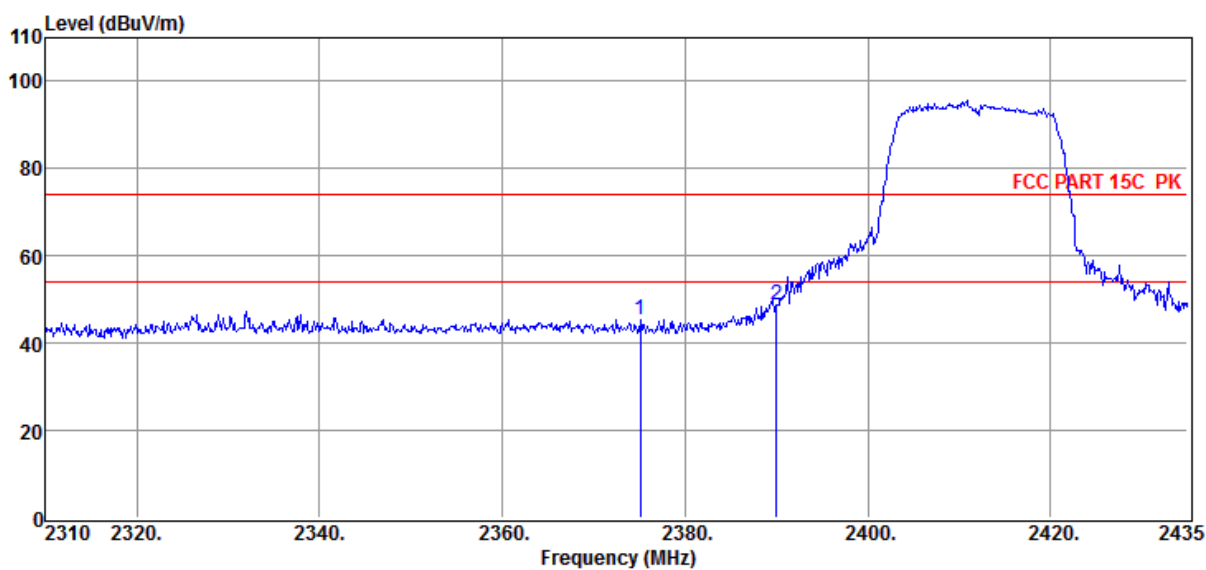
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11N20 MCS0 2412MHz

Data: 561



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	2375.13	3.26	45.47	74.00	-28.53	184	289	Peak	HORIZONTAL
2	2390.00	3.30	48.73	74.00	-25.27	152	187	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-05-2022

Tested By : Sunny

EUT : LTE Module

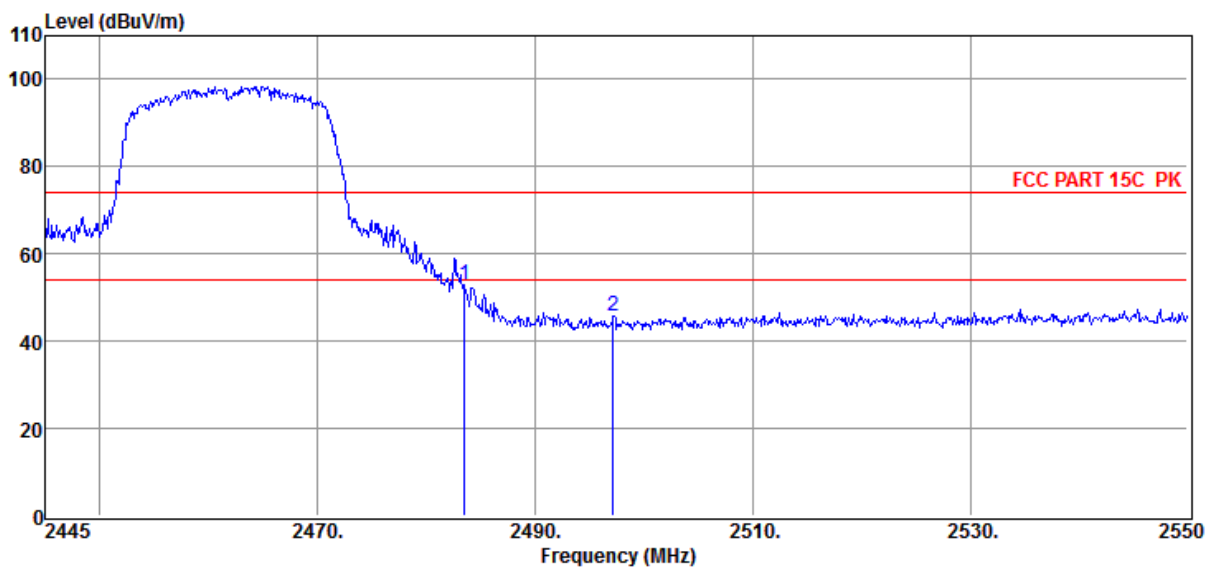
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11N20 MCS0 2462MHz

Data: 562



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	2483.50	3.52	52.83	74.00	-21.17	173	167	Peak	HORIZONTAL
2	2497.19	3.62	45.69	74.00	-28.31	184	40	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-05-2022

Tested By : Sunny

EUT : LTE Module

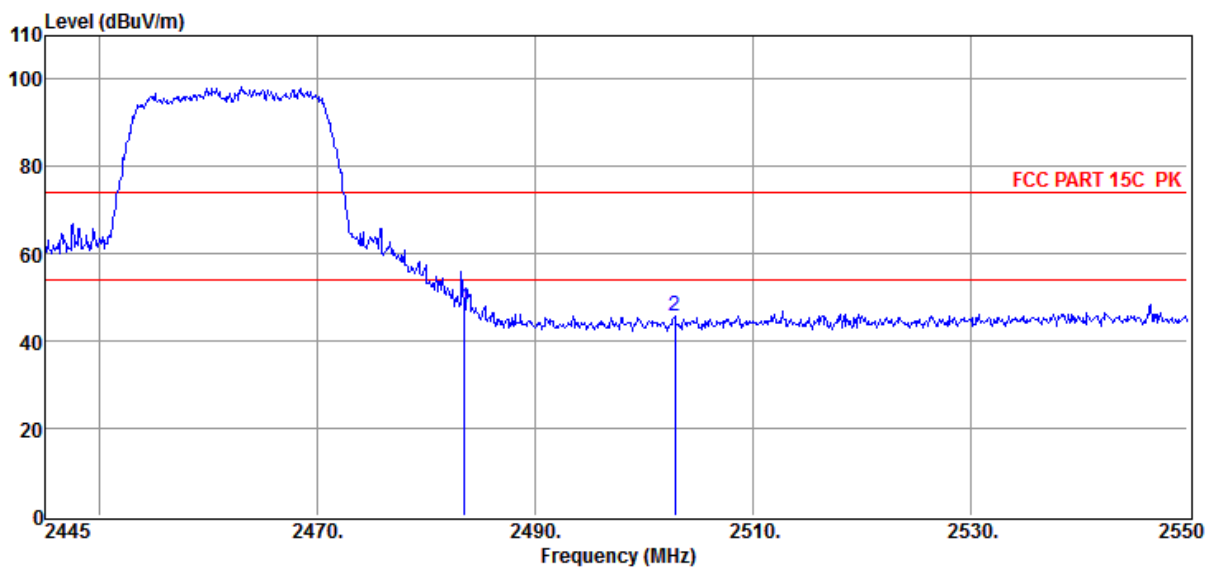
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11N20 MCS0 2462MHz

Data: 563



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	2483.50	3.52	47.49	74.00	-26.51	159	113	Peak	VERTICAL
2	2502.86	3.71	45.59	74.00	-28.41	166	180	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-05-2022

Tested By : Sunny

EUT : LTE Module

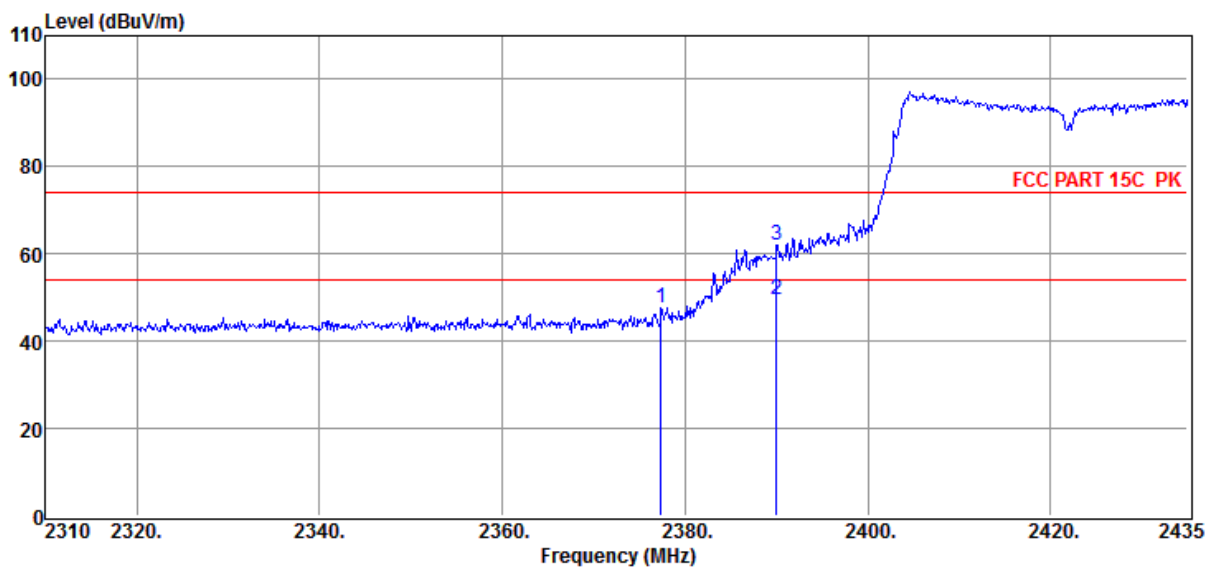
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11N40 MCS0 2422MHz

Data: 564



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	2377.38	3.26	47.76	74.00	-26.24	158	288	Peak	HORIZONTAL
2	2390.00	3.30	49.64	54.00	-4.36	187	255	Average	HORIZONTAL
3	2390.00	3.30	62.09	74.00	-11.91	152	291	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-05-2022

Tested By : Sunny

EUT : LTE Module

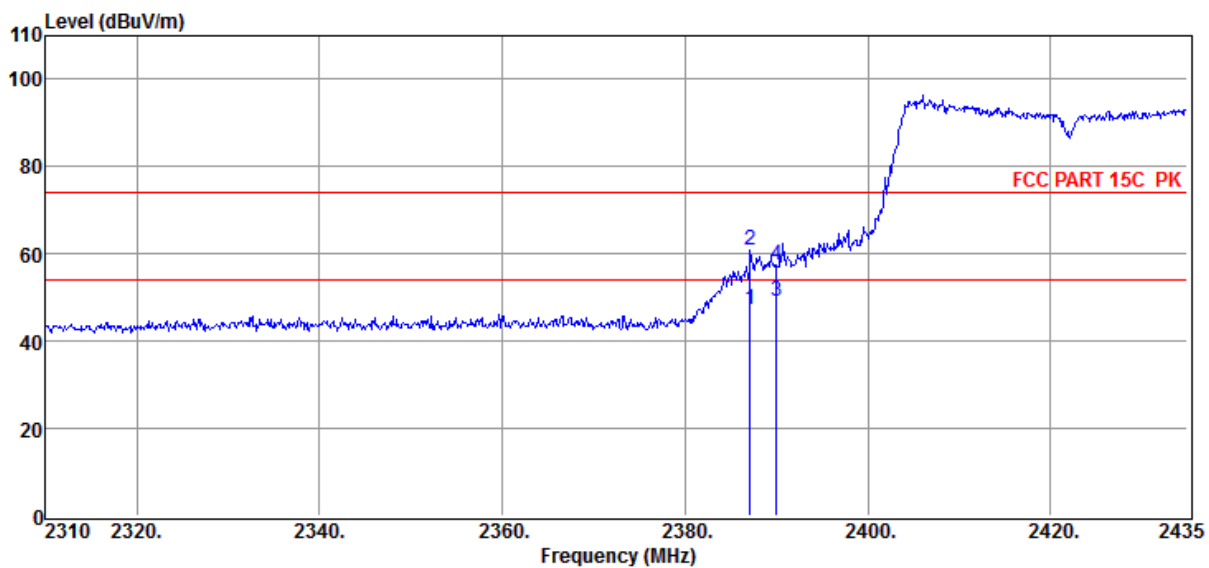
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11N40 MCS0 2422MHz

Data: 565



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	2387.13	3.29	47.14	54.00	-6.86	167	149	Average	VERTICAL
2	2387.13	3.29	60.83	74.00	-13.17	153	154	Peak	VERTICAL
3	2390.00	3.30	48.95	54.00	-5.05	178	359	Average	VERTICAL
4	2390.00	3.30	57.63	74.00	-16.37	178	218	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-05-2022

Tested By : Sunny

EUT : LTE Module

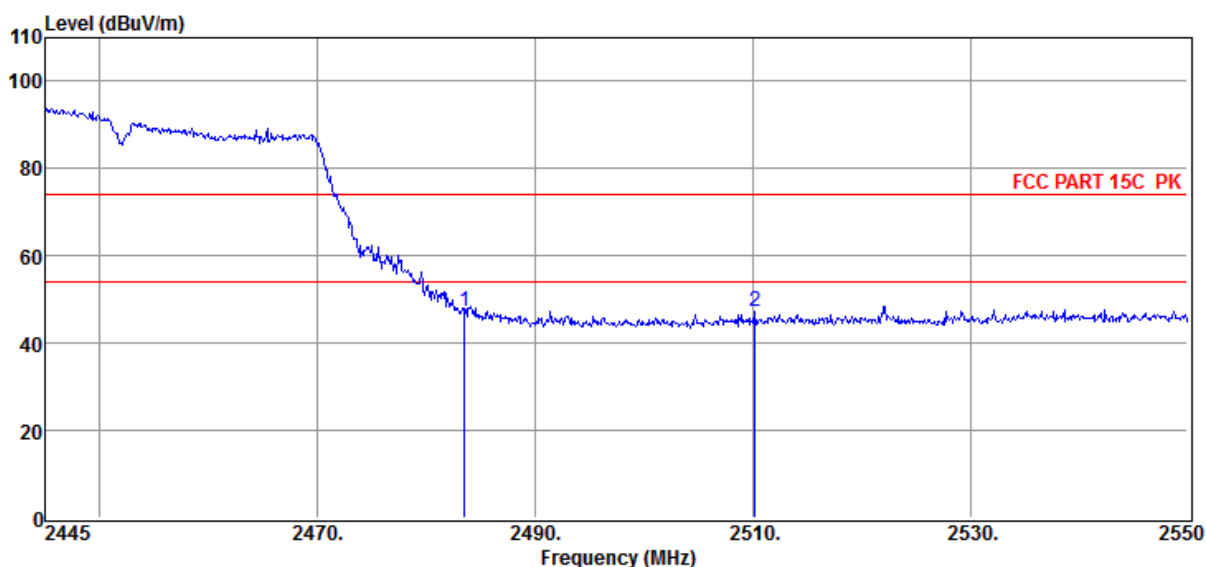
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11N40 MCS0 2452MHz

Data: 566



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	2483.50	3.52	47.32	74.00	-26.68	167	209	Peak	VERTICAL
2	2510.21	3.87	47.06	74.00	-26.94	150	292	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 01-05-2022

Tested By : Sunny

EUT : LTE Module

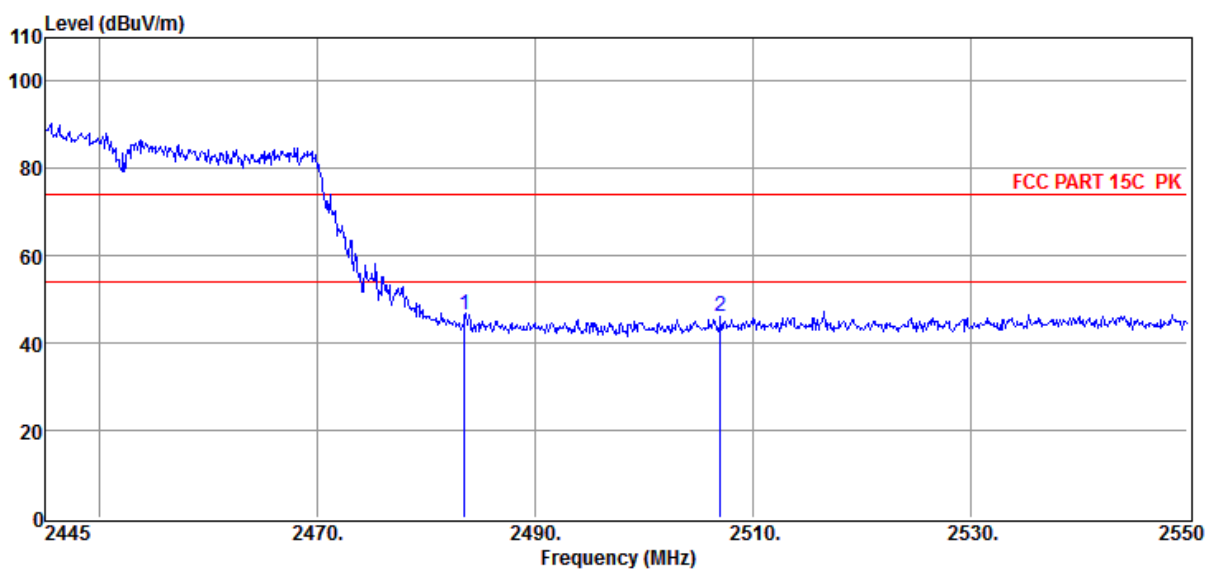
Model Number : SC600Y-NA,SC600T-NA

Power Supply : DC 4.2V

Test Mode : Tx mode

Memo : 11N40 MCS0 2452MHz

Data: 567



Item (Mark)	Freq. (MHz)	Factor (dB)	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Height (cm)	Angle (deg)	Detector	Polarization
1	2483.50	3.52	46.65	74.00	-27.35	178	172	Peak	HORIZONTAL
2	2507.06	3.80	45.99	74.00	-28.01	179	98	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level – Limit.

7. APPENDIXES

The below appendix was detail result tested by SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch (Date of Test: 2019/5/30 ~ 2019/7/3)
All appendixes were cited in this report.

Appendix	Item
Appendix	2.4G WLAN