

FCC Test Report

FCC ID: 2A954-C600C

Product: 4G LTE Broadband Router

Trade Mark: FIRSTNUM, Stoneoim

Model Number: C600C

JC25, C600, FIRSTNUM C2,
FIRSTNUM C6, FIRSTNUM C8,
FIRSTNUM C800, FIRSTNUM

Family Model: C1000, FIRSTNUM C1200, FIRSTNUM
C1800, FIRSTNUM C2400, FIRSTNUM
C3000, FIRSTNUM C6000, FIRSTNUM
C6600

Report No.: STR230103001005E

Prepared for

Shenzhen Firstnum E-commerce Co., Ltd
10E, Building B, XianDaiZhiChuang, 1078 HuaQiang north road,
HuaQiangBei street, Futian, ShenZhen, GuangDong, China

Prepared by

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TEST RESULT CERTIFICATION

Applicant's name.....: Shenzhen Firstnum E-commerce Co.,Ltd
Address.....: 10E, Building B, XianDaiZhiChuang, 1078 HuaQiang north road,
HuaQiangBei street, Futian, ShenZhen, GuangDong, China
Manufacturer's Name.....: Shenzhen Firstnum E-commerce Co.,Ltd
Address.....: 10E, Building B, XianDaiZhiChuang, 1078 HuaQiang north road,
HuaQiangBei street, Futian, ShenZhen, GuangDong, China
Product description
Product name.....: 4G LTE Broadband Router
Model and/or type reference : C600C
Family Model.....: JC25, C600, FIRSTNUM C2, FIRSTNUM C6, FIRSTNUM C8,
FIRSTNUM C800, FIRSTNUM C1000, FIRSTNUM
C1200, FIRSTNUM C1800, FIRSTNUM C2400, FIRSTNUM
C3000, FIRSTNUM C6000, FIRSTNUM C6600
Standards.....: FCC Part15B
ANSI C63.4:2014

This device described above has been tested by NTEK, and the test results show that the equipment under test (EUT) is in compliance with Part 15 of FCC Rules. And it is applicable only to the tested sample identified in the report.

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Test Sample Number.....: T230103001R003
Date of Test:
Date (s) of performance of tests.....: Jan 03, 2023 ~ Feb 09, 2023
Date of Issue: Feb 09, 2023
Test Result: **Pass**

Testing Engineer :



(Allen Liu)

Authorized Signatory :



(Alex Li)

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1. TEST SUMMARY

Test procedures according to the technical standards:

EMC Emission				
Standard	Test Item	Limit	Judgment	Remark
FCC Part15B ANSI C63.4: 2014	Conducted Emission	Class B	PASS	
	Radiated Emission	Class B	PASS	

NOTE:

- (1) 'N/A' denotes test is not applicable in this Test Report
- (2) For client's request and manual description, the test will not be executed.

1.1 TEST FACILITY

Shenzhen NTEK Testing Technology Co., Ltd

Add. : 1/F, Building E, Fenda Science Park, Sanwei Community, Xixiang Street, Bao'an District, Shenzhen 518126 P.R. China.

IC-Registration The Certificate Registration Number is 9270A.

CAB identifier:CN0074

FCC- Accredited Test Firm Registration Number: 463705.

Designation Number: CN1184

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately **95** %.

A. Conducted Measurement :

Test Site	Method	Measurement Frequency Range	U, (dB)	NOTE
NTEKC01	ANSI	150 KHz ~ 30MHz	$\pm 2.80\text{dB}$	

B. Radiated Measurement :

Test Site	Method	Measurement Frequency Range	U, (dB)	NOTE
NTEKA01	ANSI	30MHz~1000MHz	$\pm 2.64\text{dB}$	
		1GHz~6GHz	$\pm 2.40\text{dB}$	
		6GHz~26.5GHz	$\pm 2.52\text{dB}$	

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	4G LTE Broadband Router	
Trade Mark	FIRSTNUM, Stoneoim	
Model Name	C600C	
Family Model	JC25, C600, FIRSTNUM C2, FIRSTNUM C6, FIRSTNUM C8, FIRSTNUM C800, FIRSTNUM C1000, FIRSTNUM C1200, FIRSTNUM C1800, FIRSTNUM C2400, FIRSTNUM C3000, FIRSTNUM C6000, FIRSTNUM C6600	
Model Difference	All models are the same circuit and RF module, except the model name.	
Product Description	Connecting I/O port:	LAN
	Operation Frequency:	5.825GHz
	Based on the application, features, or specification exhibited in User's Manual, the EUT is considered as an ITE/Computing Device. More details of EUT technical specification, please refer to the User's Manual.	
Adapter	Model: HJ-1201000 Input: 100-240V~50/60Hz 0.6A Output: 12.0V $\overline{\text{---}}$ 1.0A 12.0W	
Battery	DC 7.4V, 2000mAh	
Power supply	DC 12V from Adapter or DC 7.4V from battery.	
HW Version	OTX72_MB_V3.0	
SW Version	1.00ME/FN	

2.1.1.1 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generated from EUT, the test system was pre-scanning tested based on the consideration of following EUT operation mode or test configuration mode which possibly have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Mode	Description
Model 1	wlan

For Conducted Test	
Final Test Mode	Description
Model 1	wlan

For Radiated Test	
Final Test Mode	Description
Model 1	wlan

Note: Final Test Mode: Through Pre-scan, find the model 1 is the worst case.
Only the worst case mode is recorded in the report.

2.2 DESCRIPTION OF TEST SETUP

CE:



RE:



2.3 DESCRIPTION TEST PERIPHERAL AND EUT PERIPHERAL

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Model/Type No.	Series No.	Note
AE-1	Adapter	HJ-1201000	Peripherals	Peripherals
AE-2	notebook	N/A	N/A	Peripherals

Item	Cable Type	Shielded Type	Ferrite Core	Length	Note
C-1	Power Cable	NO	NO	1.0m	
C-2	RJ45 cable	NO	NO	1.2m	

Note:

- (1) The support equipment was authorized by Declaration of Confirmation.
- (2) For detachable type I/O cable should be specified the length in cm in 『Length』 column.
- (3) “YES” means “shielded” “with core”; “NO” means “unshielded” “without core”.

2.4 MEASUREMENT INSTRUMENTS LIST

Radiation Test equipment

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibration period
1	Spectrum Analyzer	Agilent	E4407B	MY45108040	2022.04.06	2023.04.05	1 year
2	Test Receiver	R&S	ESPI	101318	2022.04.06	2023.04.05	1 year
3	Bilog Antenna	TESEQ	CBL6111D	31216	2022.03.30	2023.03.29	1 year
4	50Ω Coaxial Switch	Anritsu	MP59B	6200264416	2020.05.11	2023.05.10	3 year
5	Spectrum Analyzer	ADVANTEST	R3132	150900201	2022.04.06	2023.04.05	1 year
6	Horn Antenna	EM	EM-AH-10180	2011071402	2022.03.31	2023.03.30	1 year
7	Horn Ant	Schwarzbeck	BBHA 9170	9170-181	2022.11.08	2023.11.07	1 year
8	Amplifier	EMC	EMC051835SE	980246	2022.06.17	2023.06.16	1 year
9	Loop Antenna	ARA	PLA-1030/B	1029	2022.04.06	2023.04.05	1 year
10	Power Meter	DARE	RPR3006W	15I00041SNO84	2022.06.16	2023.06.15	1 year
11	Power Sensor	R&S	URV4-Z4	0395.1619.05	2022.06.16	2023.06.15	1 year
12	Test Cable (30MHz-1GHz)	N/A	R-02	N/A	2022.06.17	2025.06.16	3 year
13	High Test Cable(1G-40 GHz)	N/A	R-03	N/A	2022.06.17	2025.06.16	3 year
14	High Test Cable(1G-40 GHz)	N/A	R-04	N/A	2022.06.17	2025.06.16	3 year
15	Test Receiver	R&S	ESCI	101160	2022.04.06	2023.04.05	1 year

AC Conduction Test equipment

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibration period
1	Test Receiver	R&S	ESCI	101160	2022.04.06	2023.04.05	1 year
2	LISN	R&S	ENV216	101313	2022.04.06	2023.04.05	1 year
3	LISN	SCHWARZBECK	NNLK 8129	8129245	2022.04.06	2023.04.05	1 year
4	50Ω Coaxial Switch	ANRITSU CORP	MP59B	6200983704	2020.05.11	2023.05.10	3 year
5	Test Cable (9KHz-30MHz)	N/A	C01	N/A	2020.05.11	2023.05.10	3 year
6	Test Cable (9KHz-30MHz)	N/A	C02	N/A	2020.05.11	2023.05.10	3 year
7	Test Cable (9KHz-30MHz)	N/A	C03	N/A	2020.05.11	2023.05.10	3 year

Note: Each piece of equipment is scheduled for calibration once a year except the Test Cable which is scheduled for calibration every 3 years.

3. EMC EMISSION TEST

3.1 CONDUCTED EMISSION MEASUREMENT

3.1.1 POWER LINE CONDUCTED EMISSION (Frequency Range 150KHz-30MHz)

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *
0.50 -5.0	73.00	60.00	56.00	46.00
5.0 -30.0	73.00	60.00	60.00	50.00

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

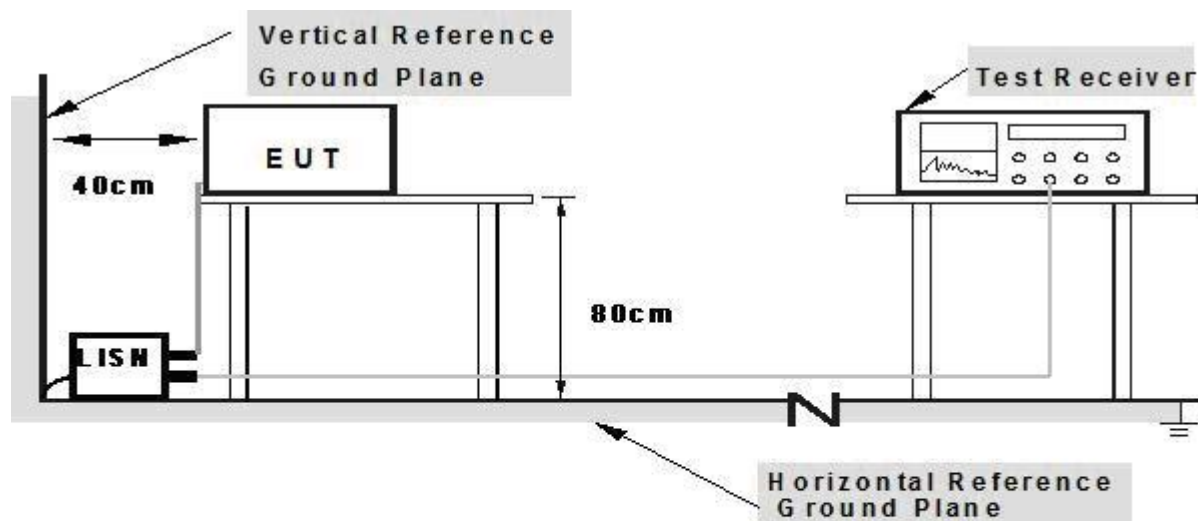
The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

3.1.2 TEST PROCEDURE

- The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- LISN at least 80 cm from nearest part of EUT chassis.
- For the actual test configuration, please refer to the related Item –EUT Test Photos.

3.1.3 TEST SETUP



Note: 1.Support units were connected to second LISN.

2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 cm from other units and other metal planes

3.1.4 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of **2.3** Unless otherwise a special operating condition is specified in the follows during the testing.

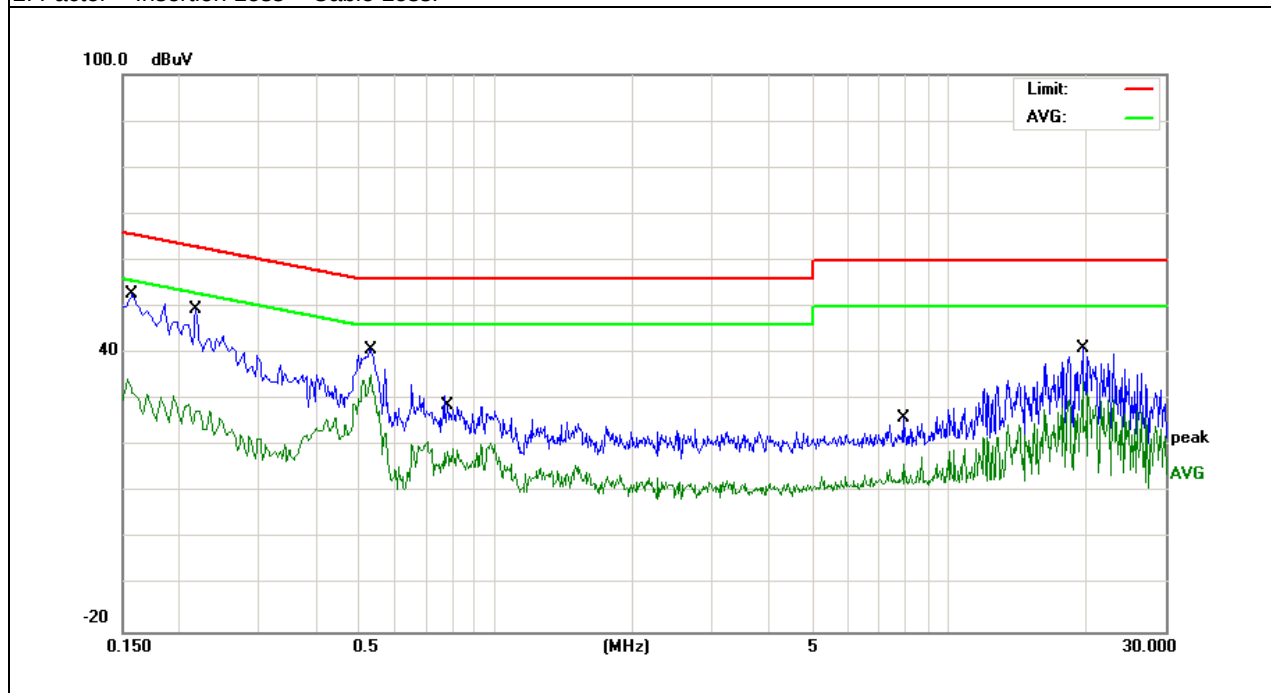
3.1.5 TEST RESULTS

EUT:	4G LTE Broadband Router	Model Name. :	C600C
Temperature:	24.5 °C	Relative Humidity:	52%
Pressure:	1010hPa	Test Date:	2023-02-07
Test Mode:	Mode 1	Phase :	L
Test Voltage:	DC 12V from Adapter AC 120V/60Hz (no battery inside)		

Frequency	Reading Level	Correct Factor	Measure-ment	Limits	Margin	Remark
(MHz)	(dBμV)	(dB)	(dBμV)	(dBμV)	(dB)	
0.1580	43.15	9.60	52.75	65.56	-12.81	QP
0.1580	21.74	9.60	31.34	55.56	-24.22	AVG
0.2180	39.86	9.62	49.48	62.89	-13.41	QP
0.2180	17.89	9.62	27.51	52.89	-25.38	AVG
0.5299	31.19	9.66	40.85	56.00	-15.15	QP
0.5299	25.71	9.66	35.37	46.00	-10.63	AVG
0.7820	18.99	9.68	28.67	56.00	-27.33	QP
0.7820	9.10	9.68	18.78	46.00	-27.22	AVG
7.9220	16.16	9.86	26.02	60.00	-33.98	QP
7.9220	2.11	9.86	11.97	50.00	-38.03	AVG
19.7099	30.79	10.17	40.96	60.00	-19.04	QP
19.7099	12.90	10.17	23.07	50.00	-26.93	AVG

Remark:

1. All readings are Quasi-Peak and Average values.
2. Factor = Insertion Loss + Cable Loss.

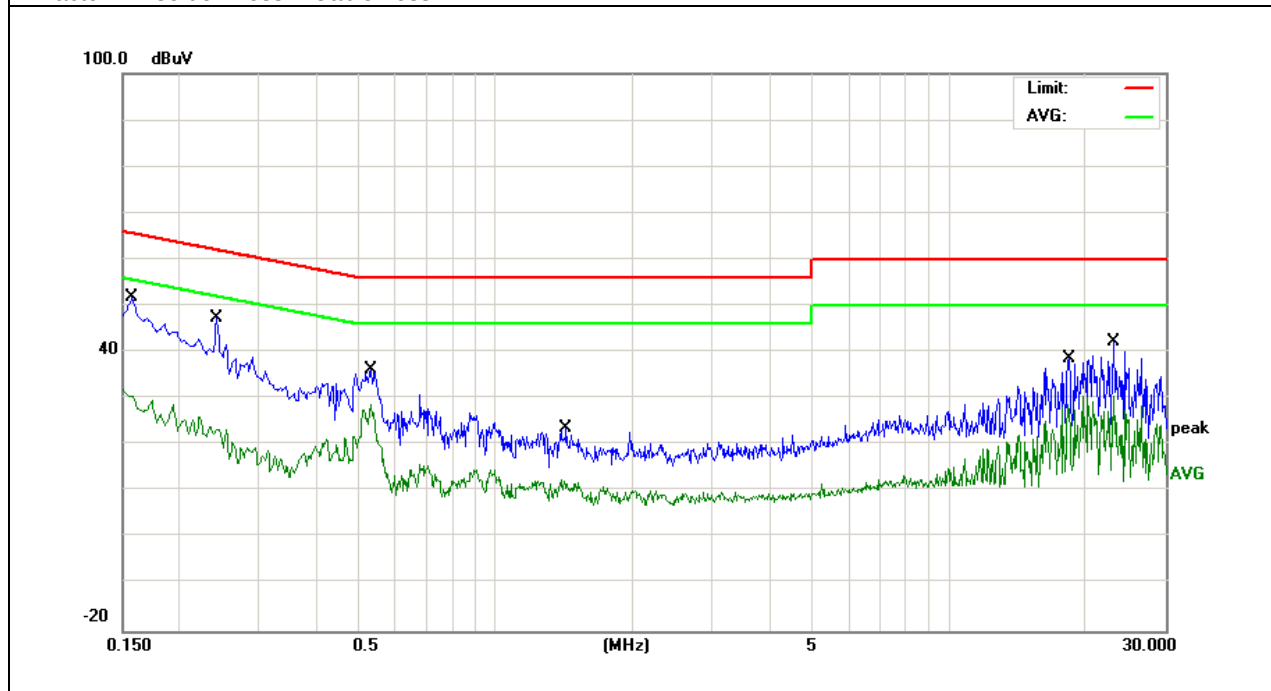


EUT:	4G LTE Broadband Router	Model Name. :	C600C
Temperature:	24.5 °C	Relative Humidity:	52%
Pressure:	1010hPa	Test Date:	2023-02-07
Test Mode:	Mode 1	Phase :	N
Test Voltage:	DC 12V from Adapter AC 120V/60Hz (no battery inside)		

Frequency	Reading Level	Correct Factor	Measure-ment	Limits	Margin	Remark
(MHz)	(dBμV)	(dB)	(dBμV)	(dBμV)	(dB)	
0.1580	42.20	9.60	51.80	65.56	-13.76	QP
0.1580	20.94	9.60	30.54	55.56	-25.02	AVG
0.2420	37.69	9.63	47.32	62.02	-14.70	QP
0.2420	13.71	9.63	23.34	52.02	-28.68	AVG
0.5299	26.51	9.66	36.17	56.00	-19.83	QP
0.5299	19.21	9.66	28.87	46.00	-17.13	AVG
1.4299	13.88	9.67	23.55	56.00	-32.45	QP
1.4299	1.92	9.67	11.59	46.00	-34.41	AVG
18.3660	28.42	10.14	38.56	60.00	-21.44	QP
18.3660	6.97	10.14	17.11	50.00	-32.89	AVG
23.1299	31.89	10.24	42.13	60.00	-17.87	QP
23.1299	20.35	10.24	30.59	50.00	-19.41	AVG

Remark:

1. All readings are Quasi-Peak and Average values.
2. Factor = Insertion Loss + Cable Loss.

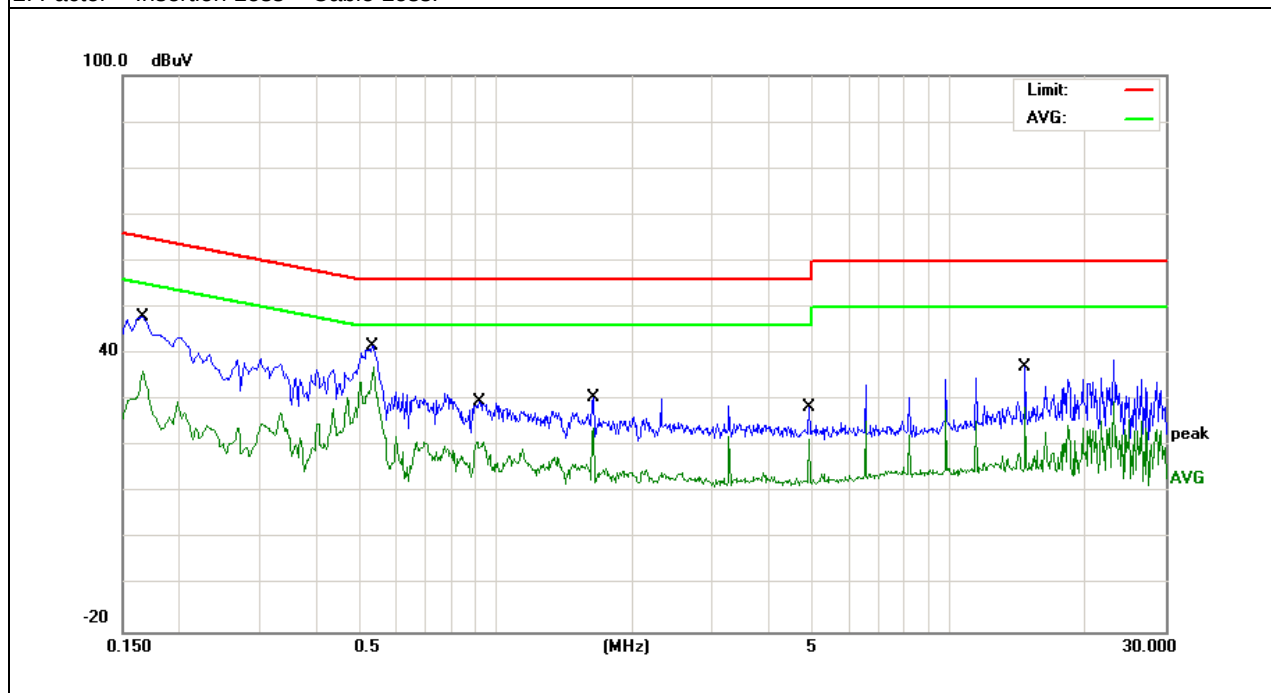


EUT:	4G LTE Broadband Router	Model Name. :	C600C
Temperature:	24.5 °C	Relative Humidity:	52%
Pressure:	1010hPa	Test Date:	2023-02-07
Test Mode:	Mode 1	Phase :	L
Test Voltage:	DC 12V from Adapter AC 120V/60Hz (Contains battery)		

Frequency (MHz)	Reading Level (dBμV)	Correct Factor (dB)	Measure-ment (dBμV)	Limits (dBμV)	Margin (dB)	Remark
0.1660	38.45	9.61	48.06	65.15	-17.09	QP
0.1660	26.62	9.61	36.23	55.15	-18.92	AVG
0.5340	32.03	9.66	41.69	56.00	-14.31	QP
0.5340	26.29	9.66	35.95	46.00	-10.05	AVG
0.9220	19.86	9.68	29.54	56.00	-26.46	QP
0.9220	10.00	9.68	19.68	46.00	-26.32	AVG
1.6380	20.90	9.67	30.57	56.00	-25.43	QP
1.6380	14.17	9.67	23.84	46.00	-22.16	AVG
4.9100	18.80	9.77	28.57	56.00	-27.43	QP
4.9100	11.85	9.77	21.62	46.00	-24.38	AVG
14.7300	27.12	10.07	37.19	60.00	-22.81	QP
14.7300	18.27	10.07	28.34	50.00	-21.66	AVG

Remark:

1. All readings are Quasi-Peak and Average values.
2. Factor = Insertion Loss + Cable Loss.

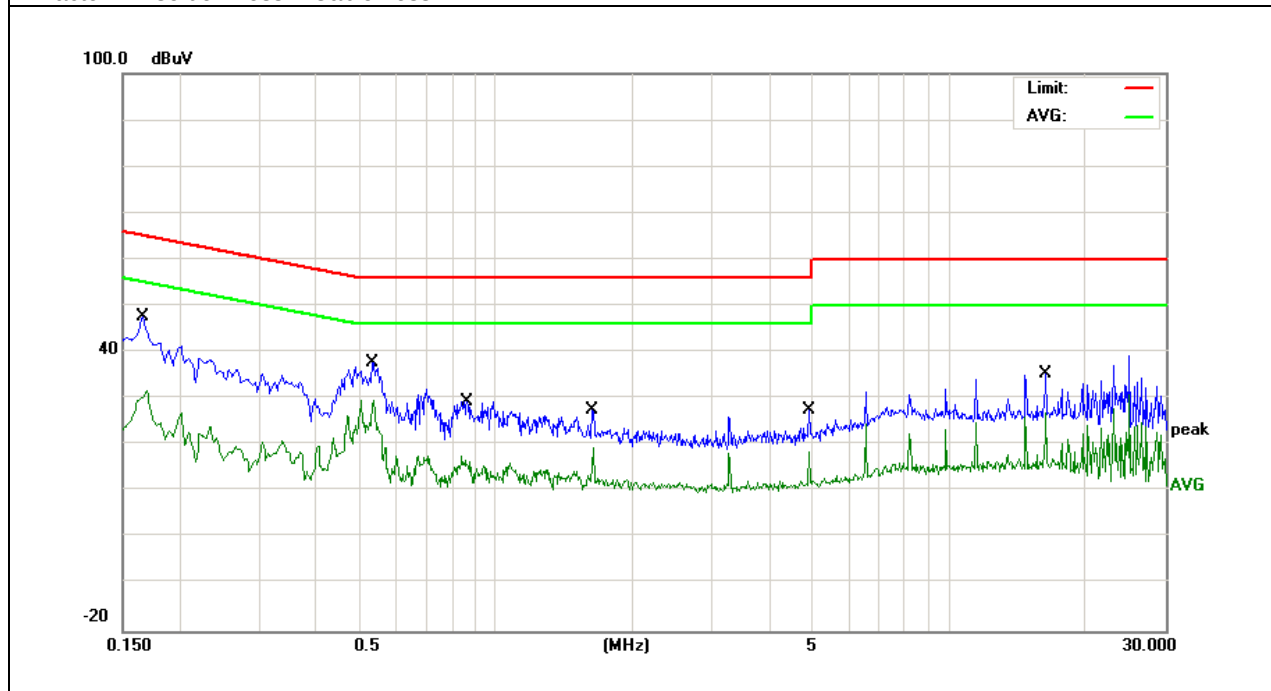


EUT:	4G LTE Broadband Router	Model Name. :	C600C
Temperature:	24.5 °C	Relative Humidity:	52%
Pressure:	1010hPa	Test Date:	2023-02-07
Test Mode:	Mode 1	Phase :	N
Test Voltage:	DC 12V from Adapter AC 120V/60Hz (Contains battery)		

Frequency	Reading Level	Correct Factor	Measure-ment	Limits	Margin	Remark
(MHz)	(dBμV)	(dB)	(dBμV)	(dBμV)	(dB)	
0.1660	38.12	9.65	47.77	65.15	-17.38	QP
0.1660	20.72	9.65	30.37	55.15	-24.78	AVG
0.5340	28.13	9.66	37.79	56.00	-18.21	QP
0.5340	19.27	9.66	28.93	46.00	-17.07	AVG
0.8660	19.78	9.69	29.47	56.00	-26.53	QP
0.8660	6.21	9.69	15.90	46.00	-30.10	AVG
1.6340	17.77	9.67	27.44	56.00	-28.56	QP
1.6340	5.48	9.67	15.15	46.00	-30.85	AVG
4.9140	17.81	9.75	27.56	56.00	-28.44	QP
4.9140	8.73	9.75	18.48	46.00	-27.52	AVG
16.3860	25.25	10.07	35.32	60.00	-24.68	QP
16.3860	16.91	10.07	26.98	50.00	-23.02	AVG

Remark:

1. All readings are Quasi-Peak and Average values.
2. Factor = Insertion Loss + Cable Loss.



3.2 RADIATED EMISSION MEASUREMENT

3.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT

FREQUENCY (MHz)	Class A (at 10m)	Class B (at 3m)
	dBuV/m	dBuV/m
30 ~ 88	39.0	40.0
88 ~ 216	43.5	43.5
216 ~ 960	46.5	46.0
Above 960	49.5	54.0

Notes:

- (1) The limit for radiated test was performed according to as following:
FCC PART 15B /ICES-003.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).

3.2.2 TEST PROCEDURE

Test Arrangement for Radiated Emissions up to 1 GHz

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at an accredited test facility. 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 is a broadband antenna, and its 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 and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

Note: The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for quasi-peak detection (QP) at frequency below 1GHz.

Test Arrangement for Radiated Emissions above 1 GHz.

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at an accredited chamber room. 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 height of antenna can be varied from one meter to four meters, the height of adjustment depends on the EUT height and the antenna 3dB beamwidth both, to detect 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 and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

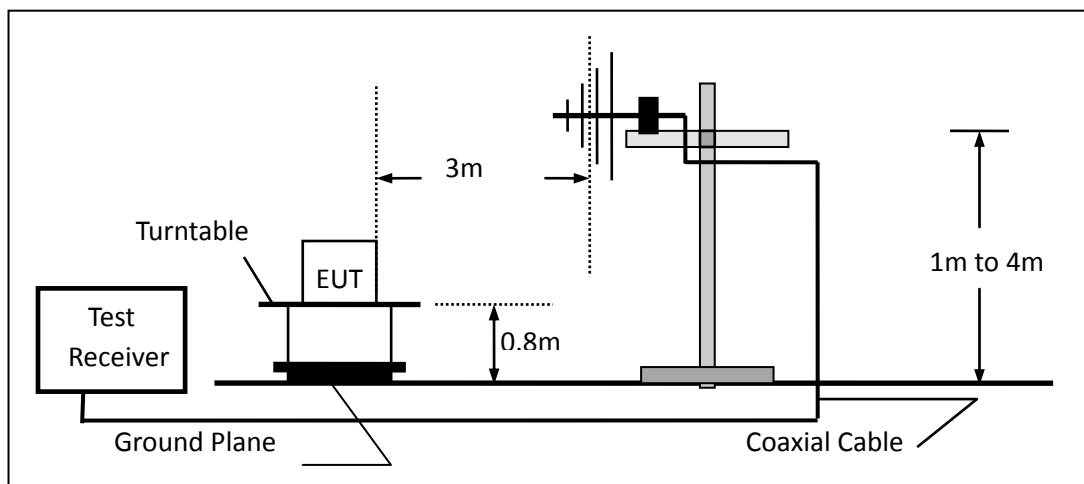
Note: For the hand-held device, the EUT should be measured for all 3 axes and only the worst case is recorded in the report

During the radiated emission test, according to ANSI C63.4-2014(4.2), the Spectrum Analyzer was set with the following configurations:

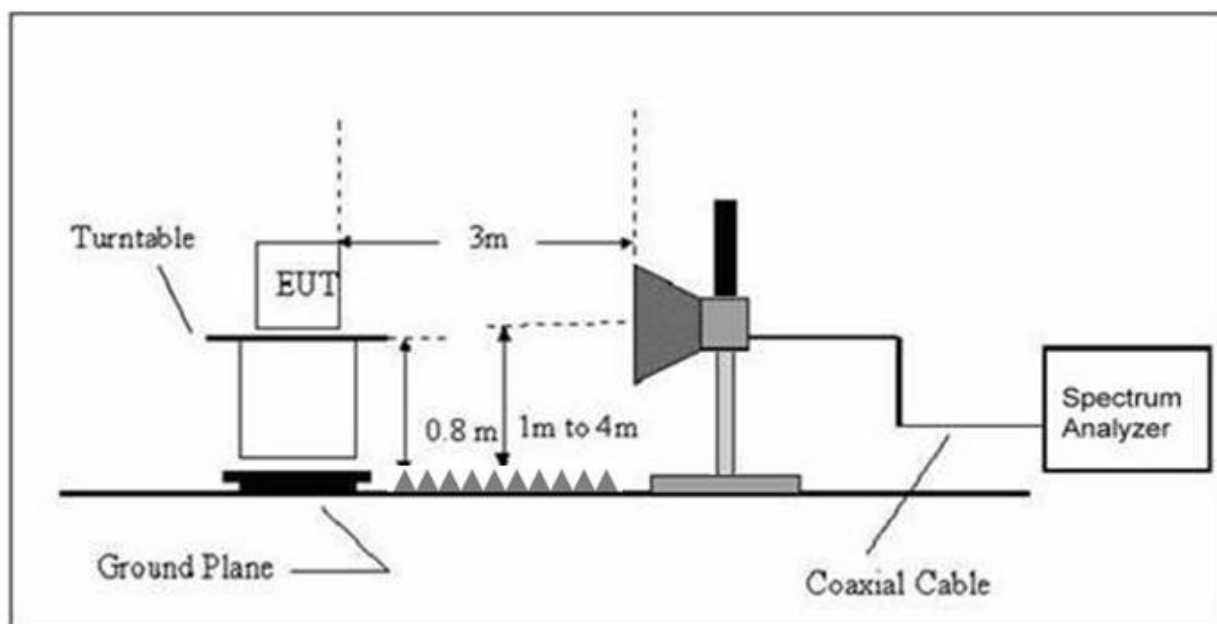
Frequency Band (MHz)	Function	Resolution bandwidth	Video Bandwidth
30 to 1000	QP	120 kHz	300 kHz
Above 1000	Peak	1 MHz	3 MHz
	Avg	1 MHz	10 Hz

3.2.3 TEST SETUP

For Radiated Emission 30~1000MHz



(B) Radiated Emission Test Set-Up Frequency Above 1GHz



3.2.4 TEST RESULTS

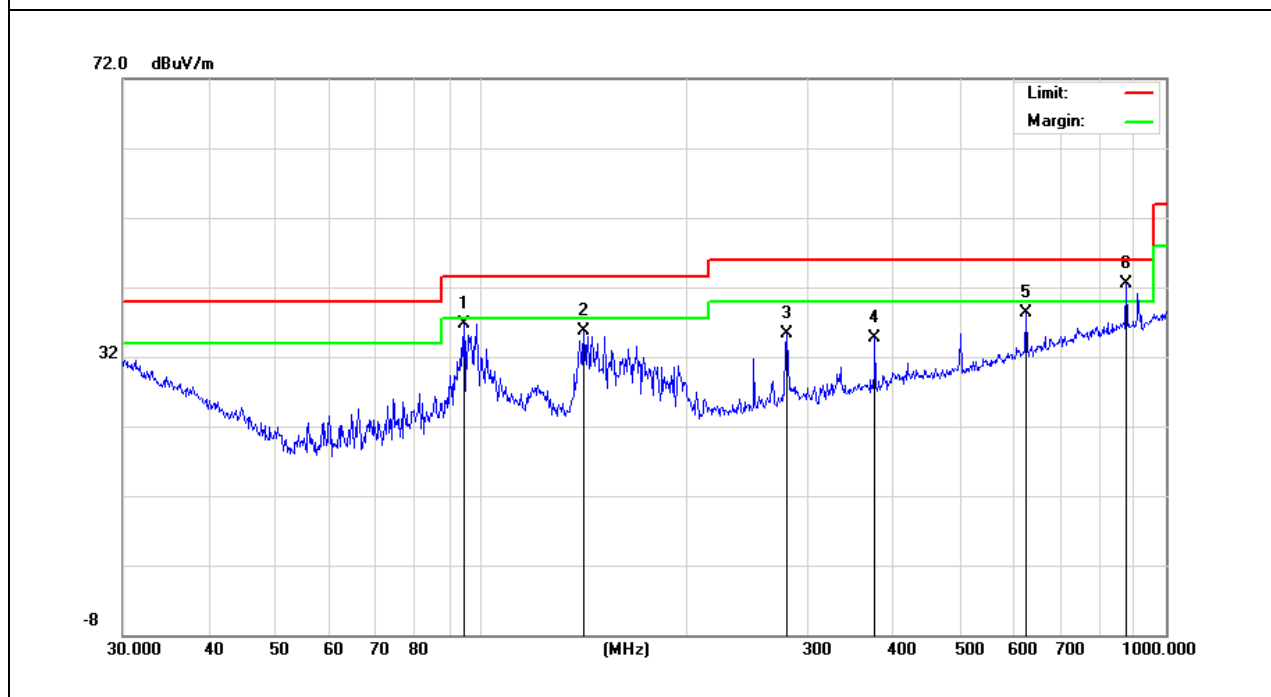
TEST RESULTS (30~1000 MHz)

EUT:	4G LTE Broadband Router	Model Name:	C600C
Temperature:	24.5 °C	Relative Humidity:	55%
Pressure:	1010 hPa	Test Date :	2023-02-07
Test Mode :	Mode 1	Polarization :	Horizontal
Test Power :	DC 12V from Adapter AC 120V/60Hz (no battery inside)		

Polar (H/V)	Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
	(MHz)	(dBuV)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
H	94.4282	19.50	17.26	36.76	43.50	-6.74	QP
H	141.3298	17.10	18.70	35.80	43.50	-7.70	QP
H	279.0436	15.27	19.96	35.23	46.00	-10.77	QP
H	375.9384	12.36	22.41	34.77	46.00	-11.23	QP
H	625.0778	11.68	26.64	38.32	46.00	-7.68	QP
H	875.2468	12.08	30.34	42.42	46.00	-3.58	QP

Remark:

Factor = Antenna Factor + Cable Loss - Amplifier.

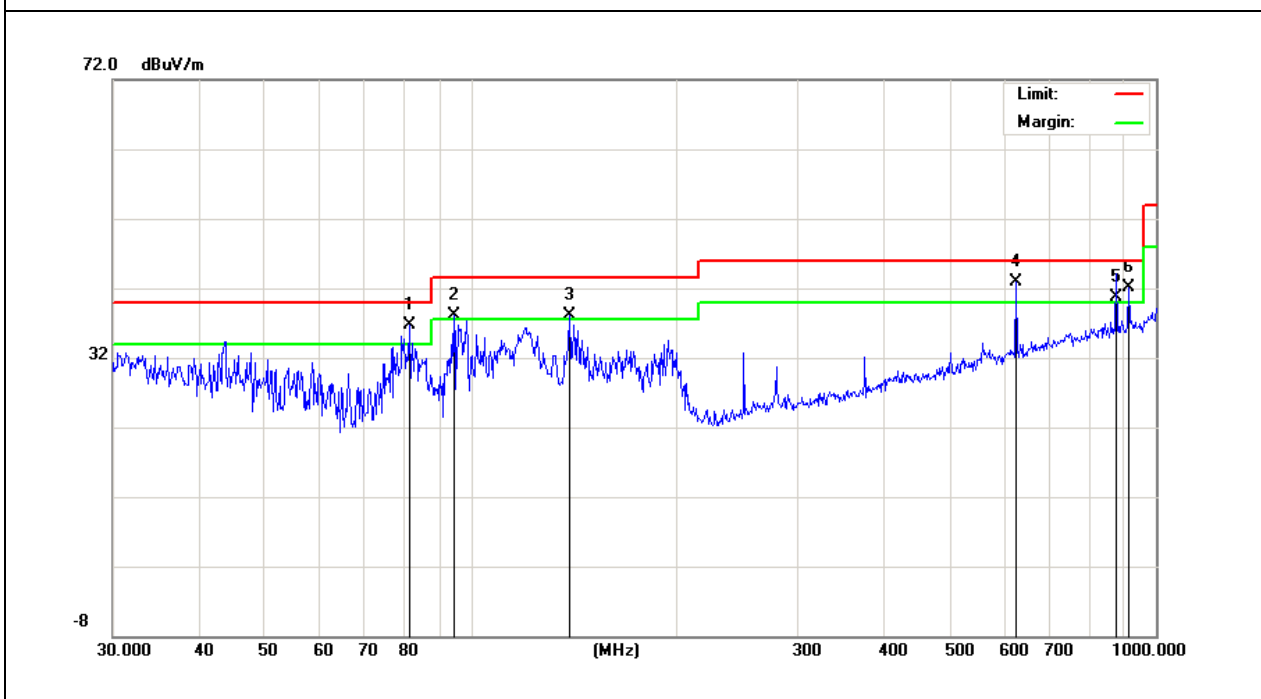


EUT:	4G LTE Broadband Router	Model Name :	C600C
Temperature:	24.5 °C	Relative Humidity:	55%
Pressure:	1010 hPa	Test Date :	2023-02-07
Test Mode :	Mode 1	Polarization :	Vertical
Test Power :	DC 12V from Adapter AC 120V/60Hz (no battery inside)		

Polar (H/V)	Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
	(MHz)	(dBuV)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
V	81.2117	20.99	15.71	36.70	40.00	-3.30	QP
V	94.4284	20.85	17.26	38.11	43.50	-5.39	QP
V	139.3613	19.27	18.74	38.01	43.50	-5.49	QP
V	625.0780	16.31	26.64	42.95	46.00	-3.05	QP
V	875.0470	10.33	30.35	40.68	46.00	-5.32	QP
V	912.8620	11.49	30.58	42.07	46.00	-3.93	QP

Remark:

Factor = Antenna Factor + Cable Loss - Amplifier.

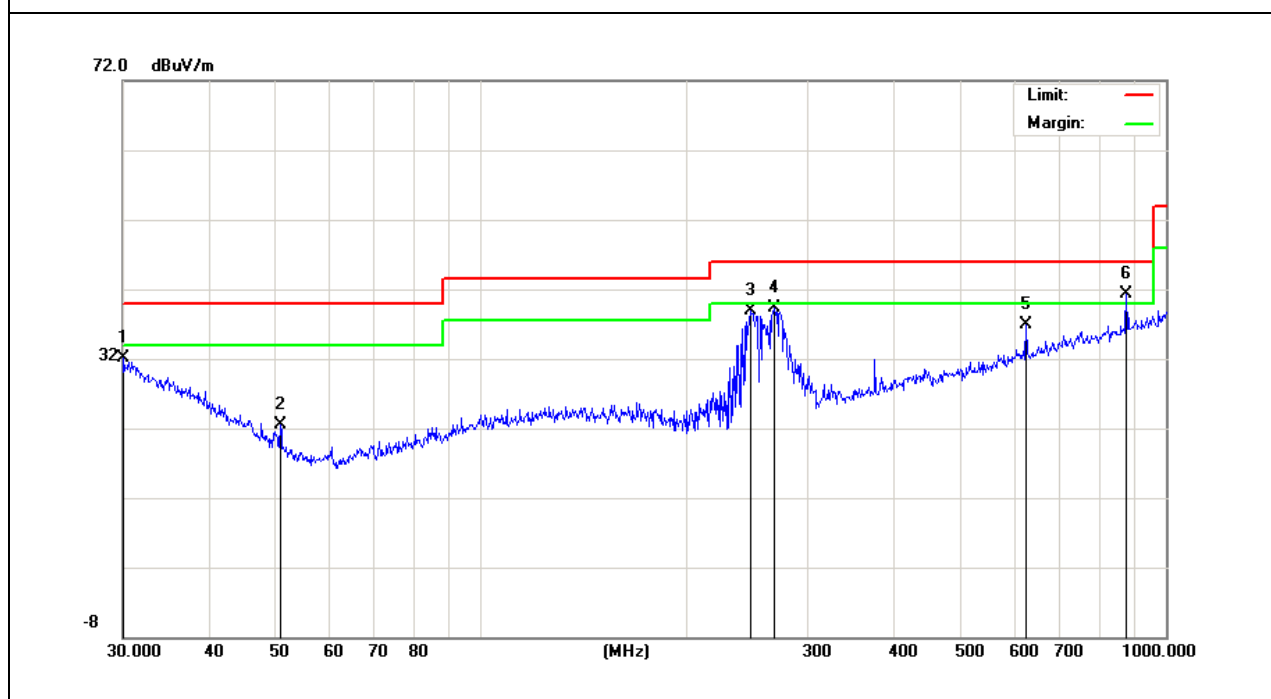


EUT:	4G LTE Broadband Router	Model Name:	C600C
Temperature:	24.5 °C	Relative Humidity:	55%
Pressure:	1010 hPa	Test Date :	2023-02-07
Test Mode :	Mode 1	Polarization :	Horizontal
Test Power :	DC 12V from Adapter AC 120V/60Hz (Contains battery)		

Polar (H/V)	Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
	(MHz)	(dBuV)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
H	30.1053	6.15	25.87	32.02	40.00	-7.98	QP
H	50.9420	7.85	14.70	22.55	40.00	-17.45	QP
H	247.6819	20.13	18.81	38.94	46.00	-7.06	QP
H	268.4852	19.88	19.46	39.34	46.00	-6.66	QP
H	625.0779	10.32	26.64	36.96	46.00	-9.04	QP
H	875.2469	11.03	30.34	41.37	46.00	-4.63	QP

Remark:

Factor = Antenna Factor + Cable Loss - Amplifier.

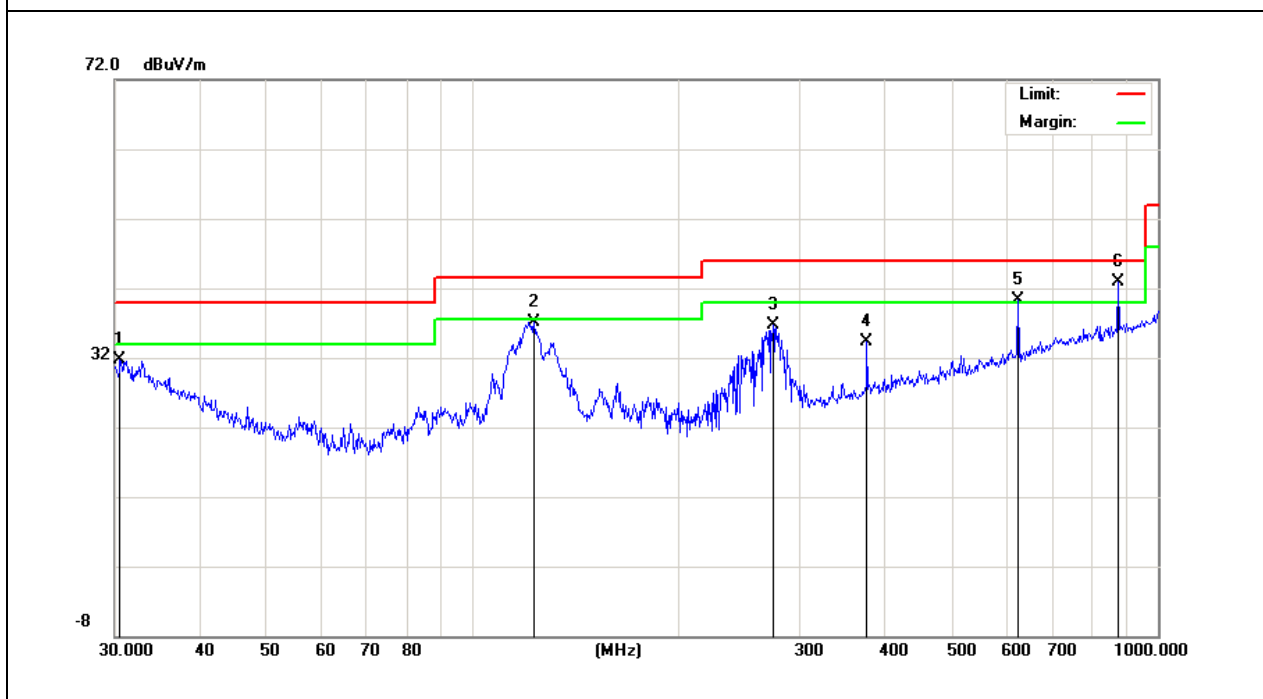


EUT:	4G LTE Broadband Router	Model Name :	C600C
Temperature:	24.5 °C	Relative Humidity:	55%
Pressure:	1010 hPa	Test Date :	2023-02-07
Test Mode :	Mode 1	Polarization :	Vertical
Test Power :	DC 12V from Adapter AC 120V/60Hz (Contains battery)		

Polar (H/V)	Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
	(MHz)	(dBuV)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
V	30.5305	5.89	25.87	31.76	40.00	-8.24	QP
V	122.8340	18.25	18.80	37.05	43.50	-6.45	QP
V	274.1938	17.22	19.45	36.67	46.00	-9.33	QP
V	375.9384	11.83	22.41	34.24	46.00	-11.76	QP
V	625.0779	13.76	26.64	40.40	46.00	-5.60	QP
V	875.2469	12.50	30.34	42.84	46.00	-3.16	QP

Remark:

Factor = Antenna Factor + Cable Loss - Amplifier.



3.2.5 TEST RESULTS(1000~18000MHz)

EUT:	4G LTE Broadband Router	Model Name :	C600C
Temperature:	24.5 °C	Relative Humidity:	55%
Pressure:	1010 hPa	Test Date :	2023-02-07
Test Mode :	Mode 1		
Test Power :	DC 12V from Adapter AC 120V/60Hz (no battery inside)		

All the modulation modes have been tested, and the worst result was report as below:

Polar (H/V)	Frequency	Reading	Correct	Result	Limit	Over Limit	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
V	1340.000	40.04	7.52	47.56	74.00	-26.44	peak
V	1340.000	27.13	7.52	34.65	54.00	-19.35	AVG
V	2105.000	37.92	11.56	49.48	74.00	-24.52	peak
V	2105.000	23.80	11.56	35.36	54.00	-18.64	AVG
V	2785.000	37.76	11.62	49.38	74.00	-24.62	peak
V	2785.000	24.63	11.62	36.25	54.00	-17.75	AVG
V	4145.000	37.79	17.83	55.62	74.00	-18.38	peak
V	4145.000	22.19	17.83	40.02	54.00	-13.98	AVG
V	5462.500	36.30	19.03	55.33	74.00	-18.67	peak
V	5462.500	16.55	19.03	35.58	54.00	-18.42	AVG
V	7162.500	35.59	22.54	58.13	74.00	-15.87	peak
V	7162.500	18.71	22.54	41.25	54.00	-12.75	AVG
H	1382.500	40.10	7.39	47.49	74.00	-26.51	peak
H	1382.500	28.63	7.39	36.02	54.00	-17.98	AVG
H	2062.500	38.56	10.74	49.30	74.00	-24.70	peak
H	2062.500	19.51	10.74	30.25	54.00	-23.75	AVG
H	2700.000	38.32	11.59	49.91	74.00	-24.09	peak
H	2700.000	19.99	11.59	31.58	54.00	-22.42	AVG
H	4145.000	37.75	17.83	55.58	74.00	-18.42	peak
H	4145.000	21.50	17.83	39.33	54.00	-14.67	AVG
H	5760.000	36.38	19.02	55.40	74.00	-18.60	peak
H	5760.000	16.67	19.02	35.69	54.00	-18.31	AVG
H	6440.000	35.92	21.25	57.17	74.00	-16.83	peak
H	6440.000	17.30	21.25	38.55	54.00	-15.45	AVG

Remark:

Result = Reading + Correct, Over Limit= Result - Limit

Note: Only the worst results data points are reported in the report.

Other emissions are attenuated 20dB below the limit that does not recorded in the report.

EUT:	4G LTE Broadband Router	Model Name :	C600C
Temperature:	24.5 °C	Relative Humidity:	55%
Pressure:	1010 hPa	Test Date :	2023-02-07
Test Mode :	Mode 1		
Test Power :	DC 12V from Adapter AC 120V/60Hz (Contains battery)		

All the modulation modes have been tested, and the worst result was report as below:

Polar (H/V)	Frequency	Reading	Correct	Result	Limit	Over Limit	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
V	1181.321	37.23	6.70	43.93	74.00	-30.07	peak
V	1181.321	26.56	6.70	33.26	54.00	-20.74	AVG
V	1332.000	36.87	7.46	44.33	74.00	-29.67	peak
V	1332.000	26.56	7.46	34.02	54.00	-19.98	AVG
V	1889.051	36.18	9.22	45.40	74.00	-28.60	peak
V	1889.051	26.14	9.22	35.36	54.00	-18.64	AVG
V	2092.177	35.37	11.41	46.78	74.00	-27.22	peak
V	2092.177	24.60	11.41	36.01	54.00	-17.99	AVG
V	4163.019	35.25	17.66	52.91	74.00	-21.09	peak
V	4163.019	23.59	17.66	41.25	54.00	-12.75	AVG
V	4856.567	34.37	19.85	54.22	74.00	-19.78	peak
V	4856.567	24.50	19.85	44.35	54.00	-9.65	AVG
H	1062.814	40.38	5.51	45.89	74.00	-28.11	peak
H	1062.814	29.51	5.51	35.02	54.00	-18.98	AVG
H	1123.517	38.42	6.49	44.91	74.00	-29.09	peak
H	1123.517	27.62	6.49	34.11	54.00	-19.89	AVG
H	2126.188	39.33	11.44	50.77	74.00	-23.23	peak
H	2126.188	28.66	11.44	40.10	54.00	-13.90	AVG
H	4133.289	35.59	17.50	53.09	74.00	-20.91	peak
H	4133.289	25.52	17.50	43.02	54.00	-10.98	AVG
H	4830.532	34.45	19.86	54.31	74.00	-19.69	peak
H	4830.532	24.29	19.86	44.15	54.00	-9.85	AVG
H	5398.092	35.82	18.86	54.68	74.00	-19.32	peak
H	5398.092	24.16	18.86	43.02	54.00	-10.98	AVG

Remark:

Result = Reading + Correct, Over Limit= Result - Limit

Note: Only the worst results data points are reported in the report.

Other emissions are attenuated 20dB below the limit that does not recorded in the report.

END OF REPORT