

TEST REPORT

Product : MDVR
Trade mark :  VISIONTRACK
Model/Type reference : VT5500-G-LTE
Serial Number : N/A
Report Number : EED32M00128508
FCC ID : 2AWHE-VT5500-G-LTE
Date of Issue : Jul. 06, 2020
Test Standards : 47 CFR Part 2
47 CFR Part 27
Test result : PASS

Prepared for:

MSG AUTOMOTIVE SOLUTIONS LIMITED
2 Chapman Way, High Brooms Industrial Estate,
Tunbridge Wells, Kent, United Kingdom

Prepared by:

Centre Testing International Group Co., Ltd.
Hongwei Industrial Zone, Bao'an 70 District,
Shenzhen, Guangdong, China
TEL: +86-755-3368 3668
FAX: +86-755-3368 3385

Compiled by:

Sunlight Sun

Reviewed by:

Ware Xin

Approved by:

Sam Chuang
Sam Chuang

Date:

Jul. 06, 2020



Check No.: 3336860701

2 Version

Version No.	Date	Description
00	Jul. 06, 2020	Original

3 Test Summary

LTE band 71			
Test Item	Test Requirement	Test method	Result
Conducted output power	Part 2.1046(a) /Part 24.232(c)	TIA-603-E-2016&KDB 971168 D01v03r01	PASS
Field strength of spurious radiation	Part 2.1053 /Part 2.1057 / Part 24.238(a)(b)	TIA-603-E-2016&KDB 971168 D01v03r01	PASS

Remark:

The tested samples and the sample information are provided by the client.

Tx: In this whole report Tx (or tx) means Transmitter.

Rx: In this whole report Rx (or rx) means Receiver.

RF: In this whole report RF means Radiated Frequency.

CH: In this whole report CH means channel.

Volt: In this whole report Volt means Voltage.

Temp: In this whole report Temp means Temperature.

Humid: In this whole report Humid means humidity.

Press: In this whole report Press means Pressure.

N/A: In this whole report not application

The certified module ID is FCC ID: XMR201808EC25AF, and report numbers of this certified module are R1806A0301-R1V1/ R1806A0301-R2V1/ R1806A0301-R3V1/ R1806A0301-R4V1/ R1806A0301-M1V3.

This certified module will be integrated into this host that is installed in a car to apply for a new FCC ID.

Therefore, it is the same mobile condition as the original filling.

In this report, this certified module is same as the original filling. We have verified the power and test for new radiated emission/exposure evaluation to demonstrate full compliance.

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5 Test Requirement

5.1 Test setup

5.1.1 For Radiated Emissions test setup

Radiated Emissions setup:

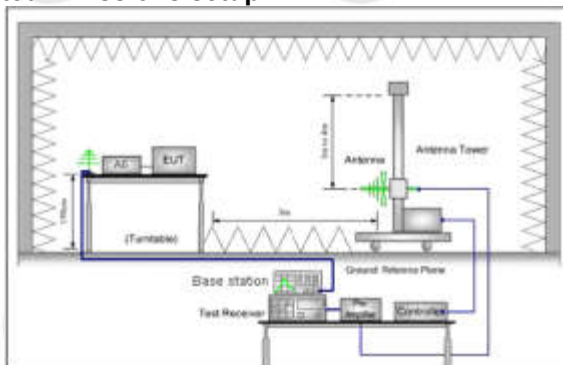


Figure 1.30MHz to 1GHz

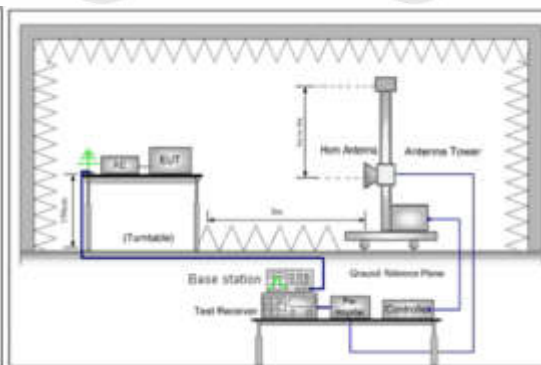


Figure 2. above 1GHz

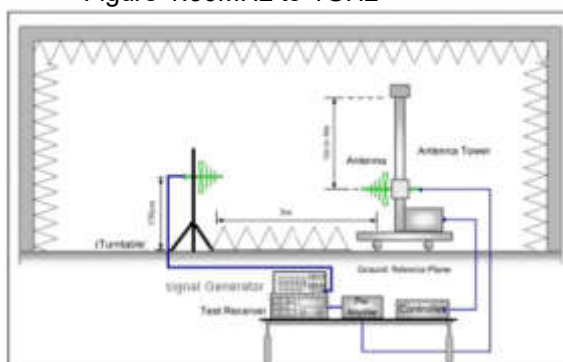


Figure 1. 30MHz to 1GHz

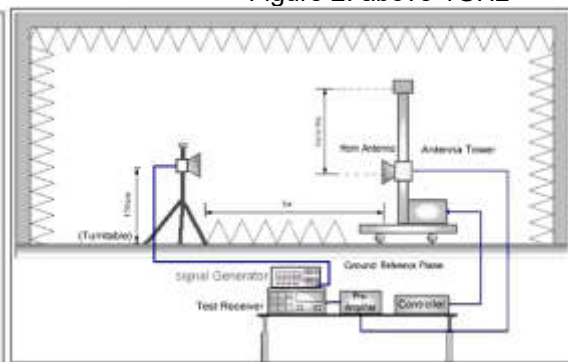


Figure 2. above 1GHz

5.2 Test Environment

Operating Environment:

Temperature:	25°C
Humidity:	53.6 % RH
Atmospheric Pressure:	1010mbar

5.3 Test Condition

Test channel:

Test Mode	Test Frequency ID	Bandwidth (MHz)	Number [UL]	Frequency of Uplink(MHz)	Number [DL]	Frequency of Downlink(MHz)
LTE band 66 TX:663-698MHz RX:617-652MHz	Low Range	5	133147	665.5	68611	619.5
		10	133172	668	68636	622
		15	133197	670.5	68661	624.5
		20	133222	673	68686	627
	Mid Range	5/10/15/20	133297	680.5	68761	634.5
	High Range	5	133447	695.5	68911	649.5
		10	133422	693	68886	647
		15	133397	690.5	68861	644.5
		20	133372	688	68836	642

6 General Information

6.1 Client Information

Applicant:	MSG AUTOMOTIVE SOLUTIONS LIMITED
Address of Applicant:	2 Chapman Way, High Brooms Industrial Estate, Tunbridge Wells, Kent, United Kingdom
Manufacturer:	Streamax Technology Co., Ltd
Address of Manufacturer:	21-23/F, Building B1, Zhiyuan, No.1001, Xueyuan Avenue, Nanshan District, Shenzhen, Guangdong, P.R.China
Factory:	Streamax Electronics Co., Ltd
Address of Factory:	5th-6thFloor, West, Chuangxiang 2nd Building, Yanxiang Technology Park, 11# High-tech West Road, Guangming District, Shenzhen, Guangdong Province, P.R. China

6.2 General Description of EUT

Product Name:	MDVR
Model No.(EUT):	VT5500-G-LTE
Trade mark:	
EUT Supports Radios application:	LTE Band 2: Tx: 1850-1910MHz, Rx: 1930-1990MHz LTE Band 4: Tx: 1710-1755 MHz, Rx: 2110-2155 MHz LTE Band 5: Tx: 824-849 MHz, Rx: 869-894MHz LTE Band 12: Tx: 699-716 MHz, Rx: 729-746 MHz LTE Band 13: Tx: 777-787 MHz, Rx: 746-756 MHz LTE Band 14:Tx: 788-798 MHz, Rx: 758-768 MHz LTE Band 66:Tx: 1710-1780 MHz, Rx: 2110-2180 MHz LTE Band 71:Tx: 663-698 MHz, Rx: 617-652 MHz
Test Power Grade:	Default
Test Software of EUT:	Default
Power Supply:	DC9-36V
Firmware version:	N/A
Hardware version:	N/A
Sample Received Date:	May 15, 2020
Sample tested Date:	May 15, 2020 to Jun. 11, 2020

6.3 Product Specification subjective to this standard

Frequency Band:	LTE Band 71:Tx: 663-698 MHz, Rx: 617-652 MHz
Modulation Type:	QPSK, 16QAM
Antenna Type	Passive antenna
Antenna Gain:	3 dBi
Test Voltage:	DC 18V

6.4 Description of Support Units

The EUT has been tested independently

6.5 Test Location

Shenzhen STS Test Services Co.,Ltd.

A 1/F, Building B, Zhuoke Science Park, No.190 Chongqing Road, HepingShequ,
Fuyong Sub-District, Bao'an District, Shenzhen, Guang Dong, China

FCC Designation No.: CN1164

6.6 Deviation from Standards

None.

6.7 Abnormalities from Standard Conditions

None.

6.8 Other Information Requested by the Customer

None.

6.9 Measurement Uncertainty (95% confidence levels, k=2)

No.	Item	Measurement Uncertainty
1	Radio Frequency	7.9×10^{-8}
2	RF power, conducted	0.46dB (30MHz-1GHz)
		0.55dB (1GHz-18GHz)
3	Radiated Spurious emission test	4.3dB (30MHz-1GHz)
		4.5dB (1GHz-12.75GHz)
4	Conduction emission	3.5dB (9kHz to 150kHz)
		3.1dB (150kHz to 30MHz)
5	Temperature test	0.64°C
6	Humidity test	3.8%
7	DC power voltages	0.026%

7 Equipment List

Radiation Test equipment					
Equipment	Manufacturer	Model No.	Serial Number	Cal. Date (mm-dd-yyyy)	Cal. Due date (mm-dd-yyyy)
Signal Analyzer	Agilent	N9020A	MY51110105	2020.03.05	2021.03.04
Wireless Communications Test Set	R&S	CMW 500	133884	2020.03.05	2021.03.04
Bilog Antenna	TESEQ	CBL6111D	34678	2017.11.02	2020.11.1
Horn Antenna	SCHWARZBE CK	BBHA 9120D(1201)	9120D-1343	2018.10.19	2021.10.18
SHF-EHF Horn Antenna (18G- 40GHz)	A-INFO	LB-180400-KF	J211020657	2018.03.11	2021.03.10
Pre- Amplifier(0.1M- 3GHz)	EM	EM330	060665	2019.10.09	2020.10.08
Pre-Amplifier (1G-18GHz)	SKET	LNPA-01018G- 45	SK2018080901	2019.10.12	2020.10.11
Pre-Amplifier (18G-40GHz)	SKET	LNPA-1840-50	SK2018101801	2019.10.12	2020.10.11
turn table	EM	SC100_1	60531	N/A	N/A
Antenna mast	EM	SC100	N/A	N/A	N/A
Temperature & Humidity	HH660	Mieo	N/A	2019.10.17	2020.10.16

RF Connected Test					
Equipment	Manufacturer	Model No.	Serial Number	Cal. date (mm-dd-yyyy)	Cal. Due date (mm-dd-yyyy)
Universal Radio communication tester	R&S	CMU200	119907	2020.10.11	2021.10.10
Wireless Communications Test Set	R&S	CMW 500	133884	2020.03.05	2021.03.04
Signal Analyzer	Agilent	N9020A	MY49100060	2019.10.09	2020.10.08
Temperature & Humidity	HH660	Mieo	N/A	2019.10.17	2020.10.16

8 Radio Technical Requirements Specification

Reference documents for testing:

No.	Identity	Document Title
1	PART 22	PART 22 – PUBLIC MOBILE SERVICES Subpart H – Cellular Radiotelephone Service
2	PART 24	PART 24 – PERSONAL COMMUNICATIONS SERVICES Subpart E – Broadband PCS
3	PART 27	PART 27 – MISCELLANEOUS WIRELESS COMMUNICATIONS SERVICES
3	PART 2	Frequency allocations and radio treaty matters; general rules and regulations
4	TIA-603-E-2016	Land Mobile FM or PM -Communications Equipment -Measurement and Performance Standards
5	KDB971168 D01	KDB971168 D01 Power Meas License Digital Systems v03r01

Test Results List:

Test Requirement	Test method	Test item	Verdict	Note
Part 2.1046(a)/ Part 27.50(c)	TIA-603-D&KDB 971168 D01v02r02	Conducted output power	PASS	Appendix A)
Part 2.1053/ Part 2.1057/ Part 27.53(h)	TIA-603-D &KDB 971168 D01v02r02	Field strength of spurious radiation	PASS	Appendix B)

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

$$E.i.r.p = P_T + G_T - L_C \quad L_C = 0.5\text{dB} \quad ERP = E.i.r.p - 2.15$$

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	ERP [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.78	23.83	PASS
		1	12	23.51	23.56	PASS
		1	24	23.3	23.35	PASS
		12	0	23.06	23.11	PASS
		12	6	22.8	22.85	PASS
		12	13	22.51	22.56	PASS
		25	0	22.23	22.28	PASS
	MCH	1	0	23.6	23.65	PASS
		1	12	23.32	23.37	PASS
		1	24	23.03	23.08	PASS
		12	0	22.8	22.85	PASS
		12	6	22.52	22.57	PASS
		12	13	22.31	22.36	PASS
		25	0	22.02	22.07	PASS
	HCH	1	0	23.36	23.41	PASS
		1	12	23.12	23.17	PASS
		1	24	22.86	22.91	PASS
		12	0	22.63	22.68	PASS
		12	6	22.4	22.45	PASS
		12	13	22.14	22.19	PASS
		25	0	21.92	21.97	PASS

16QAM	LCH	1	0	23.15	23.20	PASS
		1	12	22.86	22.91	PASS
		1	24	22.58	22.63	PASS
		12	0	22.29	22.34	PASS
		12	6	22.04	22.09	PASS
		12	13	21.8	21.85	PASS
		25	0	21.56	21.61	PASS
	MCH	1	0	22.92	22.97	PASS
		1	12	22.62	22.67	PASS
		1	24	22.42	22.47	PASS
		12	0	22.18	22.23	PASS
		12	6	21.95	22.00	PASS
		12	13	21.75	21.80	PASS
		25	0	21.5	21.55	PASS
	HCH	1	0	22.68	22.73	PASS
		1	12	22.39	22.44	PASS
		1	24	22.17	22.22	PASS
		12	0	21.91	21.96	PASS
		12	6	21.63	21.68	PASS
		12	13	21.39	21.44	PASS
		25	0	21.16	21.21	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	ERP [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.62	23.67	PASS
		1	24	23.36	23.41	PASS
		1	49	23.12	23.17	PASS
		25	0	22.82	22.87	PASS
		25	12	22.58	22.63	PASS
		25	25	22.34	22.39	PASS
		50	0	22.07	22.12	PASS
	MCH	1	0	23.76	23.81	PASS
		1	24	23.47	23.52	PASS
		1	49	23.21	23.26	PASS
		25	0	22.95	23.00	PASS
		25	12	22.67	22.72	PASS
		25	25	22.45	22.50	PASS
		50	0	22.17	22.22	PASS
	HCH	1	0	23.81	23.86	PASS
		1	24	23.59	23.64	PASS
		1	49	23.33	23.38	PASS
		25	0	23.1	23.15	PASS
		25	12	22.85	22.90	PASS
		25	25	22.57	22.62	PASS
		50	0	22.34	22.39	PASS

16QAM	LCH	1	0	23.41	23.46	PASS
		1	24	23.13	23.18	PASS
		1	49	22.86	22.91	PASS
		25	0	22.66	22.71	PASS
		25	12	22.45	22.50	PASS
		25	25	22.23	22.28	PASS
		50	0	21.95	22.00	PASS
	MCH	1	0	23.56	23.61	PASS
		1	24	23.27	23.32	PASS
		1	49	23.03	23.08	PASS
		25	0	22.75	22.80	PASS
		25	12	22.49	22.54	PASS
		25	25	22.21	22.26	PASS
		50	0	21.99	22.04	PASS
	HCH	1	0	23.52	23.57	PASS
		1	24	23.22	23.27	PASS
		1	49	23.02	23.07	PASS
		25	0	22.74	22.79	PASS
		25	12	22.47	22.52	PASS
		25	25	22.19	22.24	PASS
		50	0	21.92	21.97	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	ERP [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.49	23.54	PASS
		1	37	23.25	23.30	PASS
		1	74	22.97	23.02	PASS
		37	0	22.76	22.81	PASS
		37	18	22.52	22.57	PASS
		37	38	22.27	22.32	PASS
		75	0	22.03	22.08	PASS
	MCH	1	0	23.6	23.65	PASS
		1	37	23.37	23.42	PASS
		1	74	23.1	23.15	PASS
		37	0	22.84	22.89	PASS
		37	18	22.55	22.60	PASS
		37	38	22.28	22.33	PASS
		75	0	22.02	22.07	PASS
	HCH	1	0	23.47	23.52	PASS
		1	37	23.26	23.31	PASS
		1	74	22.99	23.04	PASS
		37	0	22.71	22.76	PASS
		37	18	22.5	22.55	PASS
		37	38	22.21	22.26	PASS
		75	0	21.93	21.98	PASS

16QAM	LCH	1	0	23.27	23.32	PASS
		1	37	23.03	23.08	PASS
		1	74	22.8	22.85	PASS
		37	0	22.52	22.57	PASS
		37	18	22.26	22.31	PASS
		37	38	22.05	22.10	PASS
		75	0	21.77	21.82	PASS
	MCH	1	0	23.36	23.41	PASS
		1	37	23.09	23.14	PASS
		1	74	22.84	22.89	PASS
		37	0	22.58	22.63	PASS
		37	18	22.29	22.34	PASS
		37	38	22.04	22.09	PASS
		75	0	21.77	21.82	PASS
	HCH	1	0	23.19	23.24	PASS
		1	37	22.9	22.95	PASS
		1	74	22.64	22.69	PASS
		37	0	22.42	22.47	PASS
		37	18	22.12	22.17	PASS
		37	38	21.85	21.90	PASS
		75	0	21.57	21.62	PASS

Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	ERP [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.53	23.58	PASS
		1	49	23.26	23.31	PASS
		1	99	22.97	23.02	PASS
		50	0	22.77	22.82	PASS
		50	25	22.56	22.61	PASS
		50	50	22.33	22.38	PASS
		100	0	22.09	22.14	PASS
	MCH	1	0	23.62	23.67	PASS
		1	49	23.36	23.41	PASS
		1	99	23.13	23.18	PASS
		50	0	22.89	22.94	PASS
		50	25	22.68	22.73	PASS
		50	50	22.38	22.43	PASS
		100	0	22.14	22.19	PASS
	HCH	1	0	23.23	23.28	PASS
		1	49	23.03	23.08	PASS
		1	99	22.82	22.87	PASS
		50	0	22.54	22.59	PASS
		50	25	22.25	22.30	PASS
		50	50	22.01	22.06	PASS
		100	0	21.77	21.82	PASS

16QAM	LCH	1	0	23.3	23.35	PASS
		1	49	23.01	23.06	PASS
		1	99	22.8	22.85	PASS
		50	0	22.55	22.60	PASS
		50	25	22.32	22.37	PASS
		50	50	22.11	22.16	PASS
		100	0	21.84	21.89	PASS
	MCH	1	0	23.32	23.37	PASS
		1	49	23.09	23.14	PASS
		1	99	22.86	22.91	PASS
		50	0	22.62	22.67	PASS
		50	25	22.39	22.44	PASS
		50	50	22.12	22.17	PASS
		100	0	21.9	21.95	PASS
	HCH	1	0	23	23.05	PASS
		1	49	22.78	22.83	PASS
		1	99	22.49	22.54	PASS
		50	0	22.27	22.32	PASS
		50	25	22	22.05	PASS
		50	50	21.79	21.84	PASS
		100	0	21.59	21.64	PASS

Remark: The data of this test project is provided by Shenzhen STS Test Services Co.,Ltd.

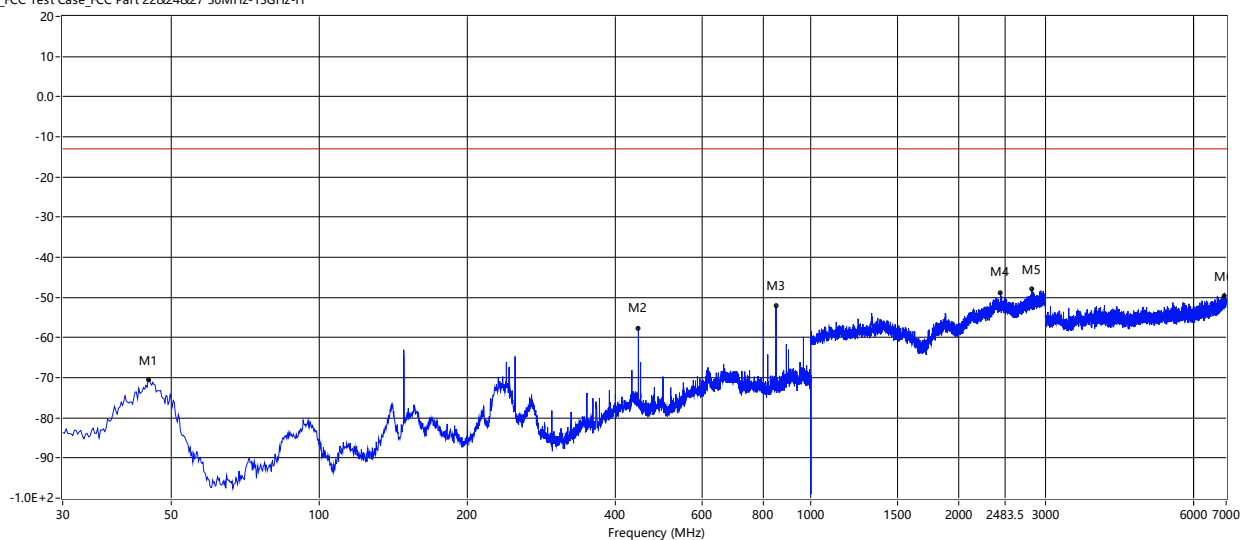
Appendix B): Field strength of spurious radiation

Receiver Setup:	<table><tr><th>Frequency</th><th>Detector</th><th>RBW</th><th>VBW</th><th>Remark</th></tr><tr><td>0.009MHz-30MHz</td><td>Peak</td><td>10kHz</td><td>30kHz</td><td>Peak</td></tr><tr><td>30MHz-1GHz</td><td>Peak</td><td>120kHz</td><td>300kHz</td><td>Peak</td></tr><tr><td>Above 1GHz</td><td>Peak</td><td>1MHz</td><td>3MHz</td><td>Peak</td></tr></table>	Frequency	Detector	RBW	VBW	Remark	0.009MHz-30MHz	Peak	10kHz	30kHz	Peak	30MHz-1GHz	Peak	120kHz	300kHz	Peak	Above 1GHz	Peak	1MHz	3MHz	Peak
Frequency	Detector	RBW	VBW	Remark																	
0.009MHz-30MHz	Peak	10kHz	30kHz	Peak																	
30MHz-1GHz	Peak	120kHz	300kHz	Peak																	
Above 1GHz	Peak	1MHz	3MHz	Peak																	
Measurement Procedure:	1. Scan up to 10th harmonic, find the maximum radiation frequency to measure. 2. The technique used to find the Spurious Emissions of the transmitter was the antenna substitution method. Substitution method was performed to determine the actual ERP/EIRP emission levels of the EUT. Test procedure as below: 1) The EUT was powered ON and placed on a 1.5m high table at a 3 meter fully Anechoic Chamber. The antenna of the transmitter was extended to its maximum length. modulation mode and the measuring receiver shall be tuned to the frequency of the transmitter under test. 2) The EUT was set 3 meters(above 18GHz the distance is 1 meter) away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. 3) The disturbance of the transmitter was maximized on the test receiver display by raising and lowering from 1m to 4m the receive antenna and by rotating through 360° the turntable. After the fundamental emission was maximized, a field strength measurement was made. 4) Steps 1) to 3) were performed with the EUT and the receive antenna in both vertical and horizontal polarization. 5) The transmitter was then removed and replaced with another antenna. The center of the antenna was approximately at the same location as the center of the transmitter. 6) A signal at the disturbance was fed to the substitution antenna by means of a non-radiating cable. With both the substitution and the receive antennas horizontally polarized, the receive antenna was raised and lowered to obtain a maximum reading at the test receiver. The level of the signal generator was adjusted until the measured field strength level in step 3) is obtained for this set of conditions. 7) The output power into the substitution antenna was then measured. 8) Steps 6) and 7) were repeated with both antennas polarized. 9) Calculate power in dBm by the following formula: $ERP(dBm) = Pg(dBm) - \text{cable loss (dB)} + \text{antenna gain (dBd)}$ $EIRP(dBm) = Pg(dBm) - \text{cable loss (dB)} + \text{antenna gain (dBi)}$ $EIRP=ERP+2.15dB$ where: Pg is the generator output power into the substitution antenna. 10) Test the EUT in the lowest channel, the middle channel the Highest channel 11) The radiation measurements are performed in X, Y, Z axis positioning for EUT operation mode, And found the X axis positioning which it is worse case. 12) Repeat above procedures until all frequencies measured was complete.																				
Limit:	Attenuated at least $43+10\log(P)$																				

Test Data:

Mode:	LTE Traffic		
Band:	71	Channel:	133222

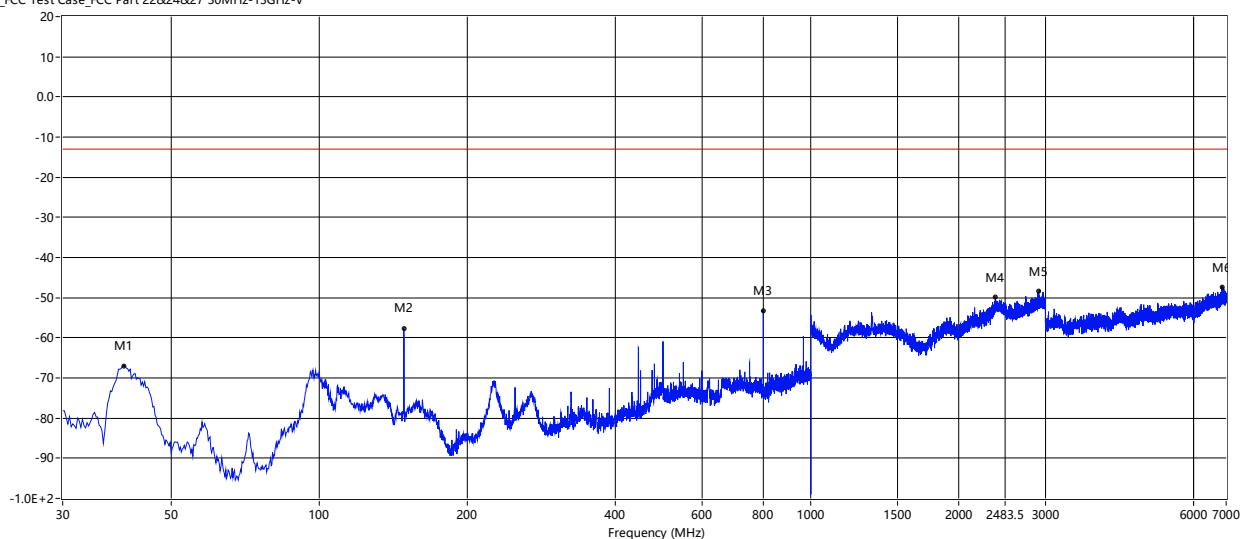
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-H



NO.	Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	Result	Polarity
1	44.792	-70.46	-7.82	-13.0	-57.46	0.00	Pass	Horizontal
2	445.402	-57.59	2.92	-13.0	-44.59	8.00	Pass	Horizontal
3	848.922	-52.07	7.28	-13.0	-39.07	5.00	Pass	Horizontal
4	2433.000	-48.76	19.51	-13.0	-35.76	4.00	Pass	Horizontal
5	2817.000	-47.88	20.50	-13.0	-34.88	3.00	Pass	Horizontal
6	6921.000	-49.57	9.87	-13.0	-36.57	10.00	Pass	Horizontal

Mode:	LTE Traffic		
Band:	71	Channel:	133222

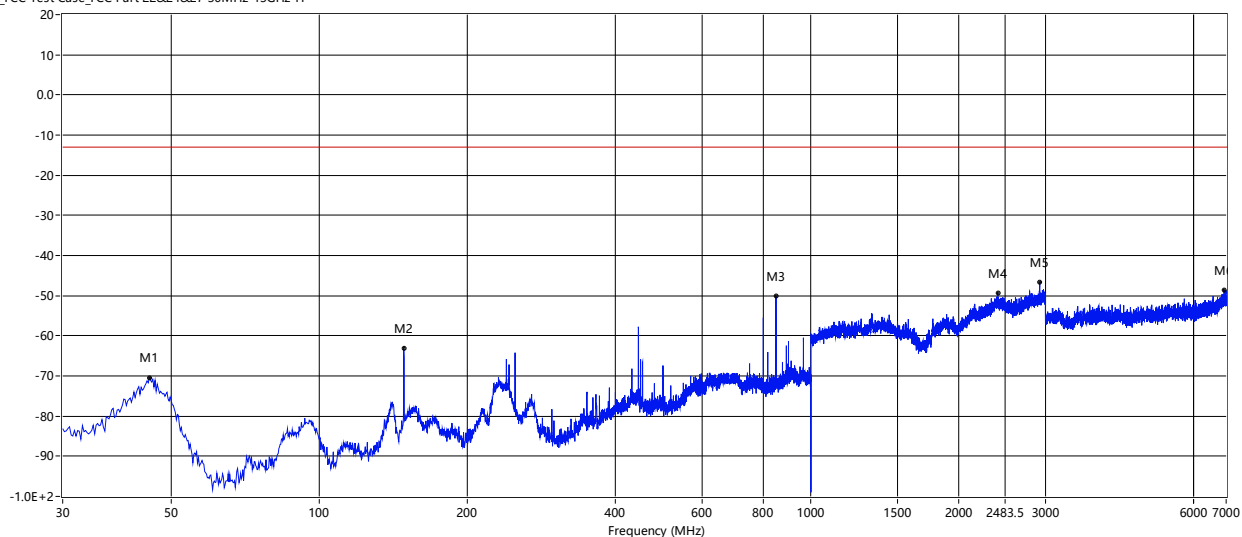
RE_FCC Test Case FCC Part 22&24&27 30MHz-13GHz-V



NO.	Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	Result	Polarity
1	39.943	-66.93	-12.46	-13.0	-53.93	3.00	Pass	Vertical
2	148.340	-57.63	-3.28	-13.0	-44.63	3.00	Pass	Vertical
3	800.180	-53.16	5.80	-13.0	-40.16	2.00	Pass	Vertical
4	2373.500	-49.89	19.10	-13.0	-36.89	7.00	Pass	Vertical
5	2909.000	-48.48	20.26	-13.0	-35.48	8.00	Pass	Vertical
6	6858.000	-47.34	11.10	-13.0	-34.34	10.00	Pass	Vertical

Mode:	LTE Traffic		
Band:	71	Channel:	133297

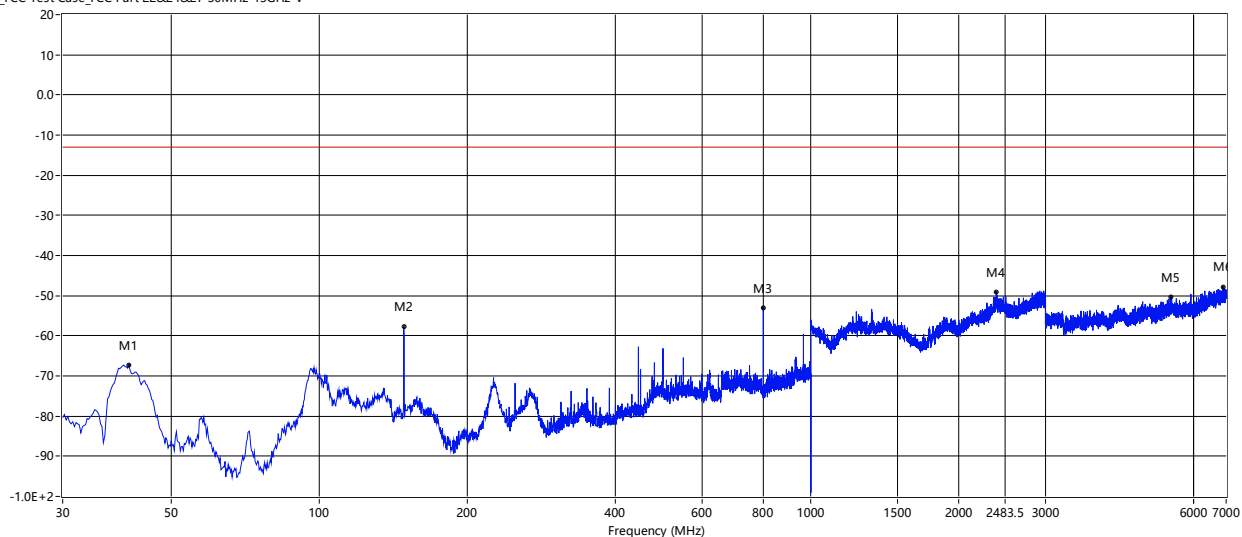
RE_FCC Test Case FCC Part 22&24&27 30MHz-13GHz-H



NO.	Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	Result	Polarity
1	45.035	-70.38	-8.01	-13.0	-57.38	3.00	Pass	Horizontal
2	148.340	-63.16	-7.77	-13.0	-50.16	5.00	Pass	Horizontal
3	848.922	-50.18	7.28	-13.0	-37.18	2.00	Pass	Horizontal
4	2401.000	-49.45	19.76	-13.0	-36.45	8.00	Pass	Horizontal
5	2922.000	-46.63	20.80	-13.0	-33.63	2.00	Pass	Horizontal
6	6933.000	-48.57	9.95	-13.0	-35.57	1.00	Pass	Horizontal

Mode:	LTE Traffic		
Band:	71	Channel:	133297

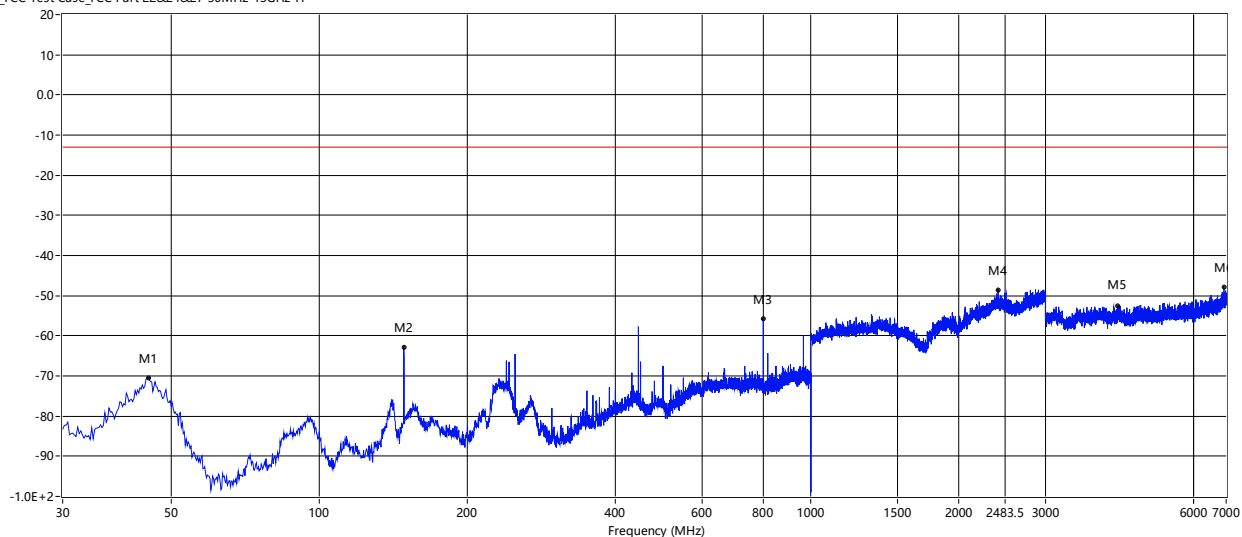
RE_FCC Test Case FCC Part 22&24&27 30MHz-13GHz-V



NO.	Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	Result	Polarity
1	40.913	-67.28	-13.04	-13.0	-54.28	8.00	Pass	Vertical
2	148.340	-57.77	-3.28	-13.0	-44.77	4.00	Pass	Vertical
3	800.180	-53.03	5.80	-13.0	-40.03	3.00	Pass	Vertical
4	2384.500	-49.21	19.44	-13.0	-36.21	4.00	Pass	Vertical
5	5412.000	-50.34	6.73	-13.0	-37.34	1.00	Pass	Vertical
6	6896.000	-47.79	11.19	-13.0	-34.79	7.00	Pass	Vertical

Mode:	LTE Traffic		
Band:	71	Channel:	133372

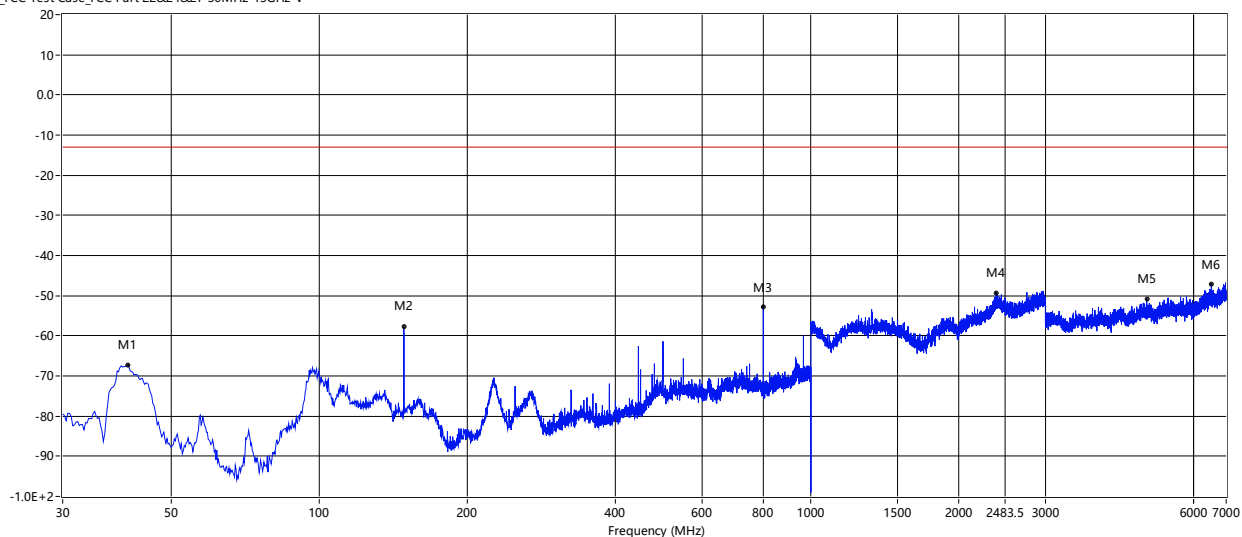
RE_FCC Test Case FCC Part 22&24&27 30MHz-13GHz-H



NO.	Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	Result	Polarity
1	44.792	-70.40	-7.82	-13.0	-57.40	1.00	Pass	Horizontal
2	148.340	-62.85	-7.77	-13.0	-49.85	1.00	Pass	Horizontal
3	800.180	-55.86	6.12	-13.0	-42.86	5.00	Pass	Horizontal
4	2404.500	-48.69	19.73	-13.0	-35.69	9.00	Pass	Horizontal
5	4208.000	-52.52	4.37	-13.0	-39.52	6.00	Pass	Horizontal
6	6928.000	-47.94	9.92	-13.0	-34.94	6.00	Pass	Horizontal

Mode:	LTE Traffic		
Band:	71	Channel:	133372

RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V



NO.	Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	Result	Polarity
1	40.670	-67.22	-12.89	-13.0	-54.22	1.00	Pass	Vertical
2	148.340	-57.63	-3.28	-13.0	-44.63	2.00	Pass	Vertical
3	800.180	-52.86	5.80	-13.0	-39.86	5.00	Pass	Vertical
4	2383.000	-49.27	19.39	-13.0	-36.27	6.00	Pass	Vertical
5	4825.000	-50.74	5.53	-13.0	-37.74	9.00	Pass	Vertical
6	6532.000	-47.19	10.31	-13.0	-34.19	8.00	Pass	Vertical

Note:

1. Scan from 9kHz to 25GHz, the disturbance above 18GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

2. The data of this test project is provided by Shenzhen STS Test Services Co.,Ltd.