



REPORT No.: SZ25120020W06

TEST REPORT

APPLICANT : Acer India Private Limited

PRODUCT NAME : Smartphone

MODEL NAME : Acerone Liquid S262F5

BRAND NAME : acerpure

FCC ID : 2AMY3-S262F5

STANDARD(S) : 47 CFR Part 2
47 CFR Part 22, Subpart H
47 CFR Part 27, Subpart D&M

RECEIPT DATE : 2025-12-01

TEST DATE : 2025-12-01 to 2026-01-12

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Change History		
Version	Date	Reason for change
1.0	2026-01-12	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	Acer India Private Limited
Applicant Address:	Embassy Heights, 6th Floor, No.13, Magrath Road, Bangalore560025. INDIA
Manufacturer:	BHAGWATI PRODUCTS LIMITED
Manufacturer Address:	SP1 1 INDUSTRIAL AREA KAROLI, KHUSHKHERA, ALWAR , 301707,INDIA
Factory:	BHAGWATI PRODUCTS LIMITED
Factory Address:	SP1 1 INDUSTRIAL AREA KAROLI, KHUSHKHERA, ALWAR , 301707,INDIA

1.2. Equipment Under Test (EUT) Description

Product Name:	Smartphone	
Sample No.:	3#	
Hardware Version:	M155-MUB-V2	
Software Version:	20251015_V03	
Modulation Type:	QPSK, 16QAM	
Operation Band:	Band 5, Band 40, Band 41	
Frequency Range:	LTE Band 5	Tx: 814MHz~824MHz
		Rx: 869 MHz ~ 894 MHz
	LTE Band 40	Tx: 2300 MHz ~ 2400 MHz
		Rx: 2300 MHz ~ 2400 MHz
	LTE Band 41	Tx: 2496 MHz ~ 2690 MHz
		Rx: 2496 MHz ~ 2690 MHz
Channel Bandwidth	LTE Band 5	1.4MHz, 3MHz, 5MHz, 10MHz
	LTE Band 40	5MHz, 10MHz
	LTE Band 41	5MHz, 10MHz, 15MHz, 20MHz
Antenna Type:	FPC Antenna	
Antenna Gain:	LTE Band 5	-3.6dBi
	LTE Band 40	0.3dBi
	LTE Band 41	1.2dBi



Accessory Information:	Battery	
	Capacity:	5000mAh
	Rated Voltage:	3.85V
Accessory Information:	AC Adapter	
	Rated Output:	5V2A;9V2A
	Rated Input:	100-240V~50/60Hz

Note 1: SIM 1 and SIM 2 is a chipset unit and tested as a single chipset. The SIM 1 is chosen for test.

Note 2: The EUT description presented in the report are provided by applicant and/or manufacturer, and the test laboratory is not responsible for the accuracy of the information. For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.

Note 3: The LTE Band 40 is transmitting in the 2305-2320 MHz(Band 40A) and the 2345-2360 MHz(Band 40B).

1.3. Maximum E.R.P./E.I.R.P. and Emission Designator

LTE Band 5	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW(MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
10	23.22	22.31	/	/	9M03G7D	9M05W7D	/	/
5	23.20	22.30	/	/	4M51G7D	4M52W7D	/	/
3	23.23	22.16	/	/	2M72G7D	2M72W7D	/	/
1.4	23.26	22.34	/	/	1M12G7D	1M09W7D	/	/

LTE Band 40A	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW(MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
10	22.73	21.91	/	/	8M91G7D	8M98W7D	/	/
5	22.95	22.14	/	/	4M50G7D	4M53W7D	/	/

LTE Band 40B	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW(MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
10	22.92	21.99	/	/	9M02G7D	9M01W7D	/	/
5	22.91	22.25	/	/	4M52G7D	4M51W7D	/	/



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LTE Band 41	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW(MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20	23.07	22.49	/	/	18M0G7D	18M0W7D	/	/
15	23.00	22.35	/	/	13M5G7D	13M5W7D	/	/
10	23.15	22.57	/	/	9M02G7D	9M02W7D	/	/
5	23.26	22.60	/	/	4M51G7D	4M52W7D	/	/



1.4. Test Standards and Results

The objective of the report is to perform testing according to Part 2, Part 22 and Part 27 for the EUT FCC ID Certification:

No	Identity	Document Title
1	47 CFR Part 2	Frequency Allocations and Radio Treaty Matters; General Rules and Regulations
2	47 CFR Part 22	Public Mobile Services
	47 CFR Part 27	Miscellaneous Wireless Communications Services

Test detailed items/section required by FCC rules and results are as below:

Section	Description	Test Date	Test Engineer	Result	Remark
2.1046, 90.635(b)	Transmitter Conducted Output Power and E.R.P./E.I.R.P.	Dec. 24, 2025	Xie Yiyun Liu Huiyan	PASS	/
2.1049, 90.209	Occupied Bandwidth	Dec. 24, 2025	Liu Huiyan	PASS	/
2.1055, 90.213	Frequency Stability	Dec. 24, 2025	Liu Huiyan	PASS	/
2.1051, 90.691	Conducted Spurious Emissions	Dec. 24, 2025	Liu Huiyan	PASS	/
2.1051, 90.691	Band Edge	Dec. 24, 2025	Liu Huiyan	PASS	/
2.1053, 90.691	Radiated Spurious Emissions	Dec. 16, 2025 to Jan. 12, 2026	Li Hanbin	PASS	/

Note 1: The tests were performed according to the method of measurements prescribed in KDB 971168 D01 v03 and ANSI/TIA-603-E-2016.

Note 2: Any additions, deviation, or exclusions from the method shall be noted in the "Remark".

Note 3: The antenna gain presented in the report are provided by applicant and/or manufacturer, and the test laboratory is not responsible for the accuracy of the information.



1.5. Environmental Conditions

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

Temperature (°C):	15-35
Relative Humidity (%):	30-60
Atmospheric Pressure (kPa):	86-106

2.47 CFR Part 2, Part 22, Part27 Requirements

2.1. Transmitter Conducted Output Power and E.R.P./E.I.R.P.

2.1.1. Requirement

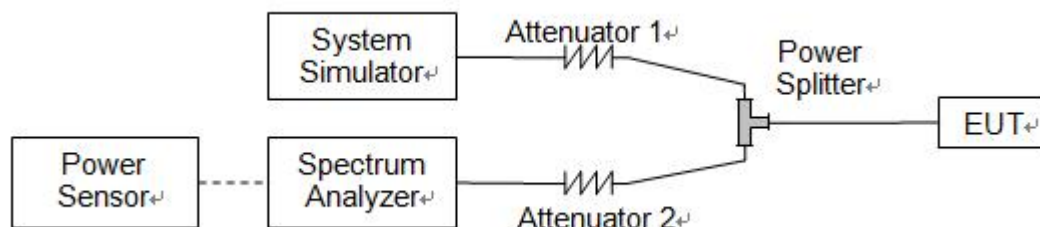
According to FCC section 2.1046(a), for transmitters other than single sideband, independent sideband and controlled carrier radiotelephone, power output shall be measured at the RF output terminals when the transmitter is adjusted in accordance with the tune-up procedure to give the values of current and voltage on the circuit elements specified in FCC section 2.1033(c)(8).

According to FCC section 22.913(a)(5) for LTE Band 5, The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

According to FCC section 27.50(a)(3)(i) for LTE Band 40, for mobile and portable stations transmitting in the 2305-2315 MHz band or the 2350-2360 MHz band, the average EIRP must not exceed 50 milliwatts within any 1 megahertz of authorized bandwidth, except that for mobile and portable stations compliant with 3GPP LTE standards or another advanced mobile broadband protocol that avoids concentrating energy at the edge of the operating band the average EIRP must not exceed 250 milliwatts within any 5 megahertz of authorized bandwidth but may exceed 50 milliwatts within any 1 megahertz of authorized bandwidth.

According to FCC section 27.50(h)(2) for LTE Band 41, Mobile and other user stations. Mobile stations are limited to 2.0 watts EIRP. All user stations are limited to 2.0 watts transmitter output power.

2.1.2. Test Description



The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by



the SS to operate at the maximum output power. A call is established between the EUT and the SS.

2.1.3. Test procedure

KDB 971168 D01v03 Section 5.2 and ANSI/TIA-603-E-2016.

$\text{EIRP (dBm)} = \text{Conducted Output Power (dBm)} + \text{Antenna Gain (dBi)}$

$\text{ERP (dBm)} = \text{EIPR (dBm)} - 2.15$

2.1.4. Result

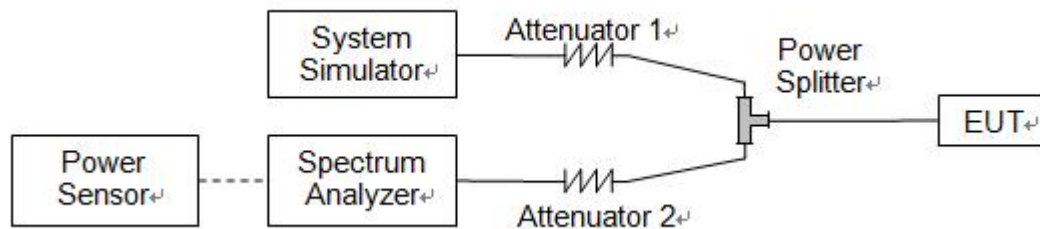
Refer to SZ25090484W06 Appendix.

2.2. Occupied Bandwidth

2.2.1. Requirement

According to FCC section 2.1049, the occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission. Occupied bandwidth is also known as the 99% emission bandwidth.

2.2.2. Test Description



The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power. A call is established between the EUT and the SS.

2.2.3. Test procedure

KDB 971168 D01v03 Section 4.1 and ANSI/TIA-603-E-2016.



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2.2.4. Test Result

Refer to SZ25090484W06 Appendix.

2.3. Frequency Stability

2.3.1. Requirement

According to FCC section 22.355, the frequency stability of the carrier shall be accurate to within 2.5 ppm of the received frequency for mobile stations.

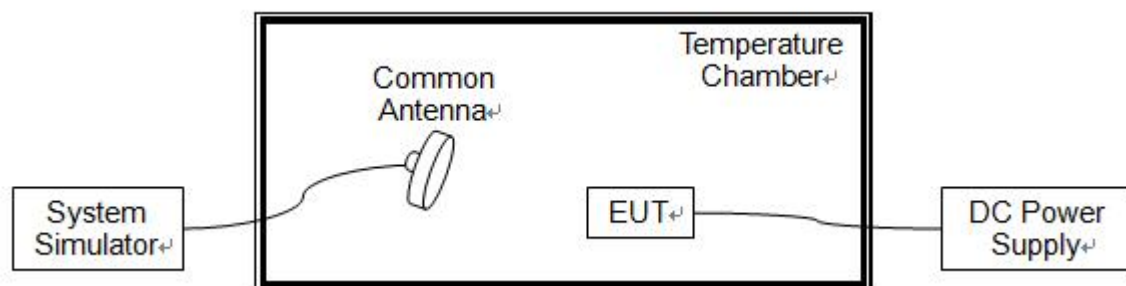
According to FCC section 27.54, the frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

According to FCC section 2.1055, the test conditions are:

- (a) The temperature is varied from -30°C to +50°C at intervals of not more than 10°C.
- (b) For hand carried battery powered equipment, the primary supply voltage is reduced to the battery operating end point which shall be specified by the manufacture. The supply voltage shall be measured at the input to the cable normally provided with the equipment, or at the power supply terminals if cables are not normally provided.

Note: The operating temperature of EUT is from 0°C to 60°C, which are specified by the applicant.

2.3.2. Test Description



The EUT which is powered by the DC Power Supply directly, is located in the Temperature Chamber. The EUT is commanded by the System Simulator (SS) to operate at the maximum output power. A call is established between the EUT and the SS via a Common Antenna.

2.3.3. Test procedure

KDB 971168 D01v03 Section 9.0 and ANSI/TIA-603-E-2016.



2.3.4. Test Result

The nominal, highest and lowest extreme voltages are separately 3.85V, 4.40V and 3.00V, which are specified by the applicant; the normal temperature here used is 20°C.

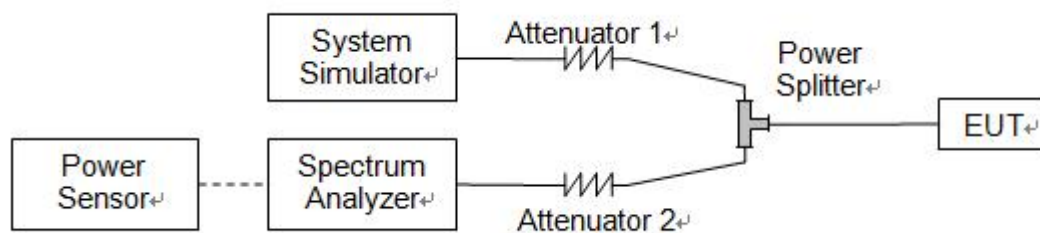
Refer to SZ25090484W06 Appendix.

2.4. Conducted Spurious Emissions

2.4.1. Requirement

According to FCC section 2.1051, the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43+10*\log(P)$ dB. This calculated to be -13dBm.

2.4.2. Test Description



The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power. A call is established between the EUT and the SS.

2.4.3. Test procedure

KDB 971168 D01v03 Section 6.0 and ANSI/TIA-603-E-2016.



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2.4.4. Test Result

Refer to SZ25090484W06 Appendix.



2.5. Band Edge

2.5.1. Requirement

Band5

According to FCC section 22.917 (a), For operations in the 824 – 849MHz bands, the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB in a 100kHz bandwidth. However, in the 1 MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

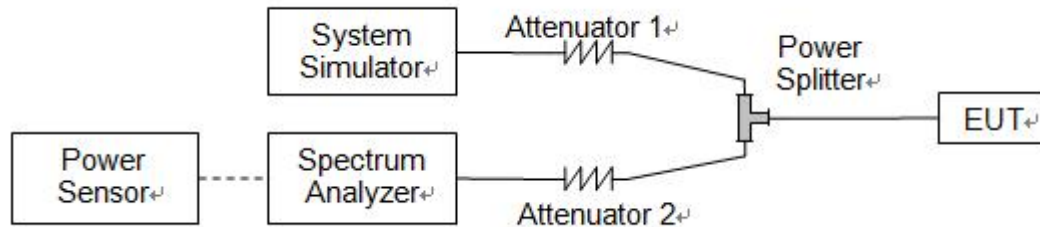
Band40

According to FCC section 27.53(i), By a factor of not less than $43 + 10 \log(P)$ dB on all frequencies between 2305 and 2320 MHz.

Band41

According to FCC section 27.53 (m)(4), For mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log(P)$ dB on all frequencies between the channel edge and 5megahertz from the channel edge, $43 + 10 \log(P)$ dB on all frequencies between 5megahertz and Xmegahertz from the channel edge, and $55 + 10 \log(P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than $43 + 10 \log(P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log(P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

2.5.2. Test Description



The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power. A call is established between the EUT and the SS.

2.5.3. Test procedure

KDB 971168 D01v03 Section 6.0 and ANSI/TIA-603-E-2016.

2.5.4. Test Result

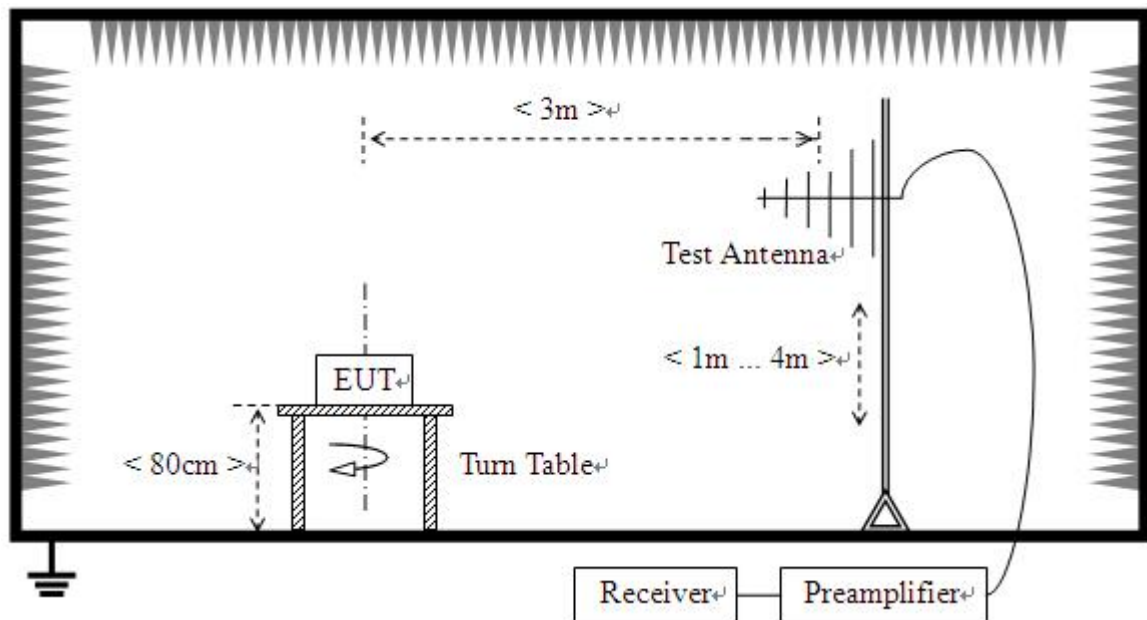
Refer to SZ25090484W06 Appendix.

2.6. Radiated Spurious Emissions

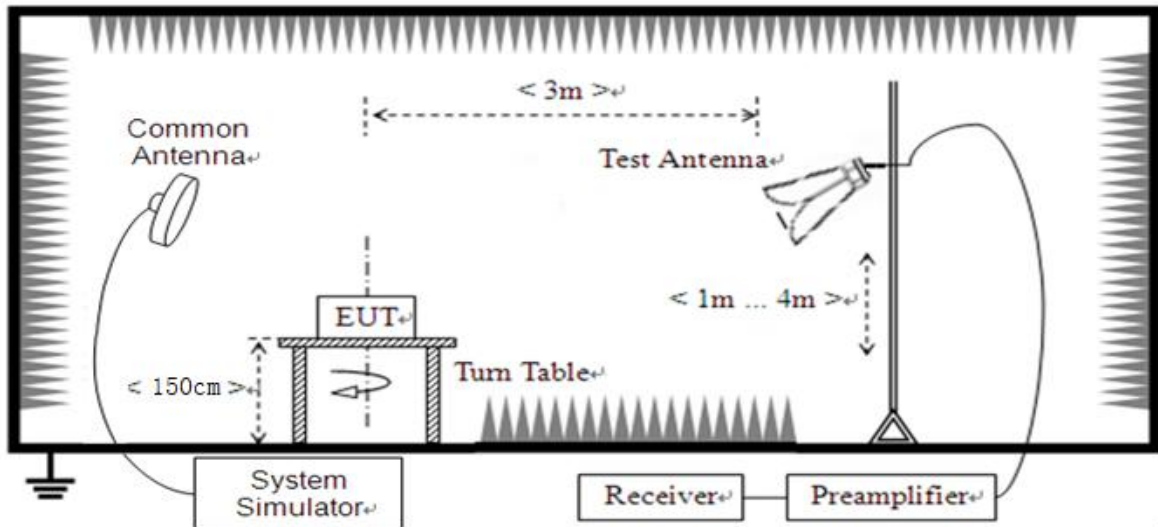
2.6.1. Requirement

According to FCC section 2.1051, the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \cdot \log(P)$ dB. This calculated to be -13dBm.

2.6.2. Test Description



(For the test frequency from 30MHz to 1GHz)



(For the test frequency above 1GHz)

The EUT is located in a 3m Full-Anechoic Chamber, the cable loss, air loss and so on of the site as factors are pre-calibrated using the "Substitution" method, and calculated to correct the reading. A call is established between the EUT and the SS via a Common Antenna. The EUT is commanded by the SS to operate at the maximum and minimum output power, and only the test result of the maximum output power was recorded.

In the frequency range above 30MHz, Bi-Log Test Antenna (30MHz to 1GHz) and Horn Test Antenna (above 1GHz) are used. Test Antenna is 3m away from the EUT. Test Antenna height is varied from 1m to 4m above the ground and the Turn Table is actuated to turn from 0° to 360° to determine the maximum value of the radiated power. The emission levels at both horizontal and vertical polarizations should be tested. The Filters consists of Notch Filters and High Pass Filter.

Note: when doing measurements above 1GHz, the EUT has been within the 3dB cone width of the horn antenna during horizontal antenna.

2.6.3. Test procedure

KDB 971168 D01v03 Section 5.8 and ANSI/TIA-603-E-2016.

For measurements below 1GHz the resolution bandwidth is set to 100kHz for peak detection measurements.

For measurements above 1GHz the resolution bandwidth is set to 1MHz, the video band width is set to 3MHz for peak measurements.



2.6.4. Test Result

The measurement frequency range is from 30MHz to the 10th harmonic of the fundamental frequency. The Turn Table is actuated to turn from 0° to 360°, and both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power. The lowest, middle and highest channels are tested to verify the out of band emissions.

The substitution corrections are obtained as described below:

$$A_{\text{SUBST}} = P_{\text{SUBST_TX}} - P_{\text{SUBST_RX}} - L_{\text{SUBST_CABLES}} + G_{\text{SUBST_TX_ANT}}$$

$$A_{\text{TOT}} = L_{\text{CABLES}} + A_{\text{SUBST}}$$

Where A_{SUBST} is the final substitution correction including receive antenna gain.

$P_{\text{SUBST_TX}}$ is signal generator level,

$P_{\text{SUBST_RX}}$ is receiver level,

$L_{\text{SUBST_CABLES}}$ is cable losses including TX cable,

$G_{\text{SUBST_TX_ANT}}$ is substitution antenna gain.

A_{TOT} is total correction factor including cable loss and substitution correction

During the test, the data of A_{TOT} was added in the test spectrum analyze, so spectrum analyze reading is the final values which contain the data of A_{TOT} .

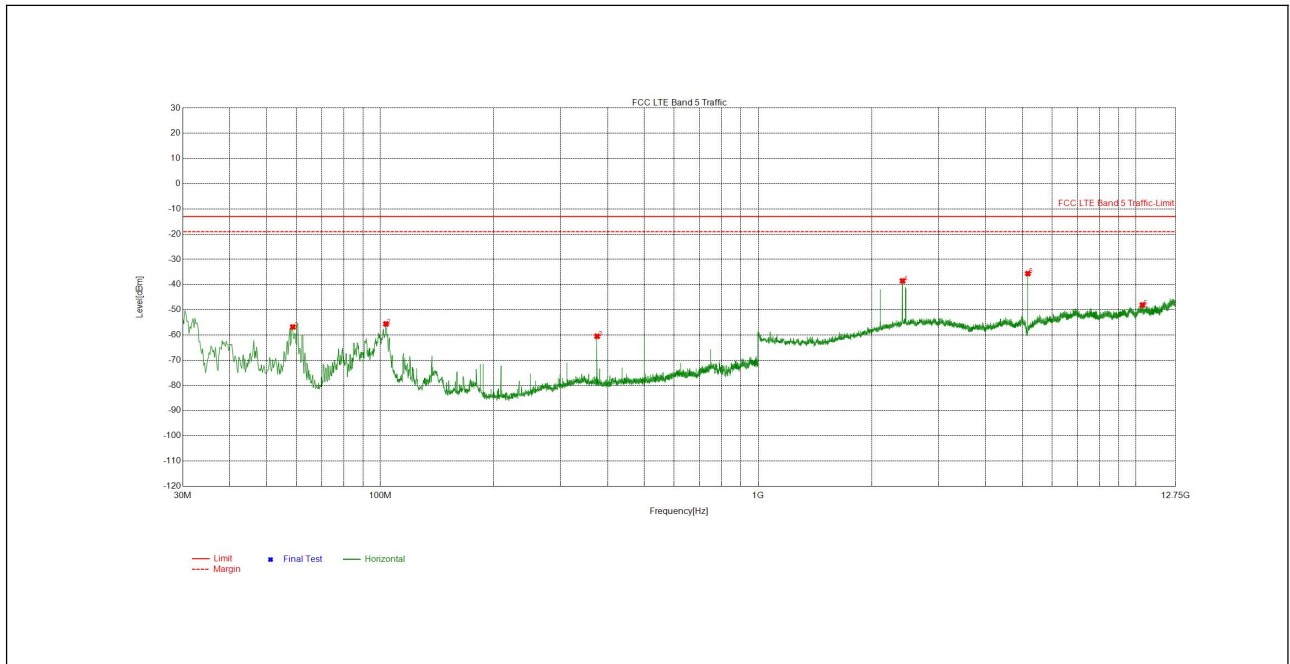
Note1: The power of the EUT transmitting frequency should be ignored.

Note2: All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

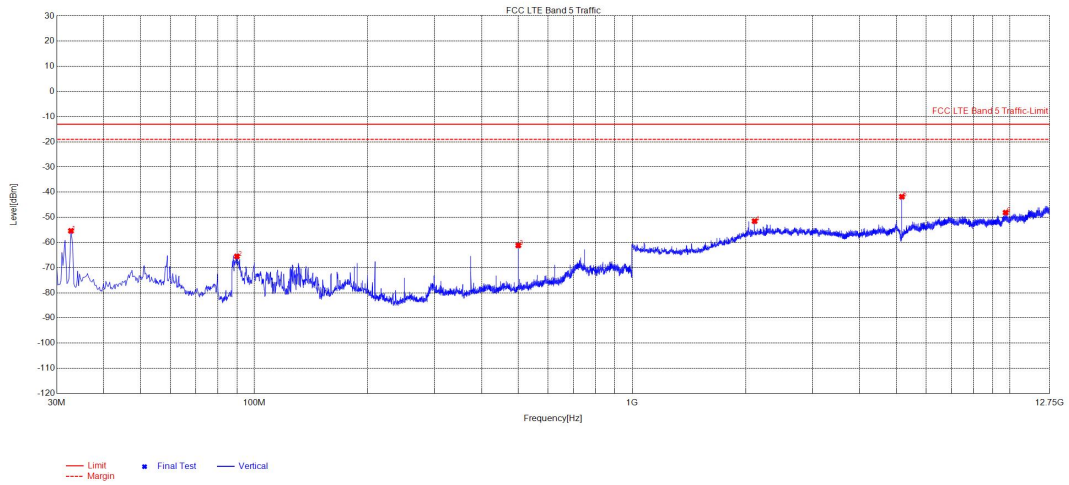
Note3: All bandwidth and modulation were considered and evaluated respectively by performing full test for each band, only the worst cases (Max Bandwidth and QPSK mode) were recorded in this test report.

Note4: N/A means the frequency is the basic frequency or the base station frequency, they are no need to verdict.

Note5: The amplitude of emissions (18GHz to 10th harmonics) which are attenuated more than 20 dB below the limit are not be reported.

**LTE Band 5****Plot for Low Channel****Suspected List**

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	58.7177	150	0	-56.82	-13.00	43.82	PASS	Horizontal
2	103.5407	150	217	-55.61	-13.00	42.61	PASS	Horizontal
3	375.001	150	264	-60.51	-13.00	47.51	PASS	Horizontal
4	2412.4912	150	217	-38.54	-13.00	25.54	PASS	Horizontal
5	5177.5428	150	10	-35.64	-13.00	22.64	PASS	Horizontal
6	10409.1659	150	164	-48.10	-13.00	35.10	PASS	Horizontal

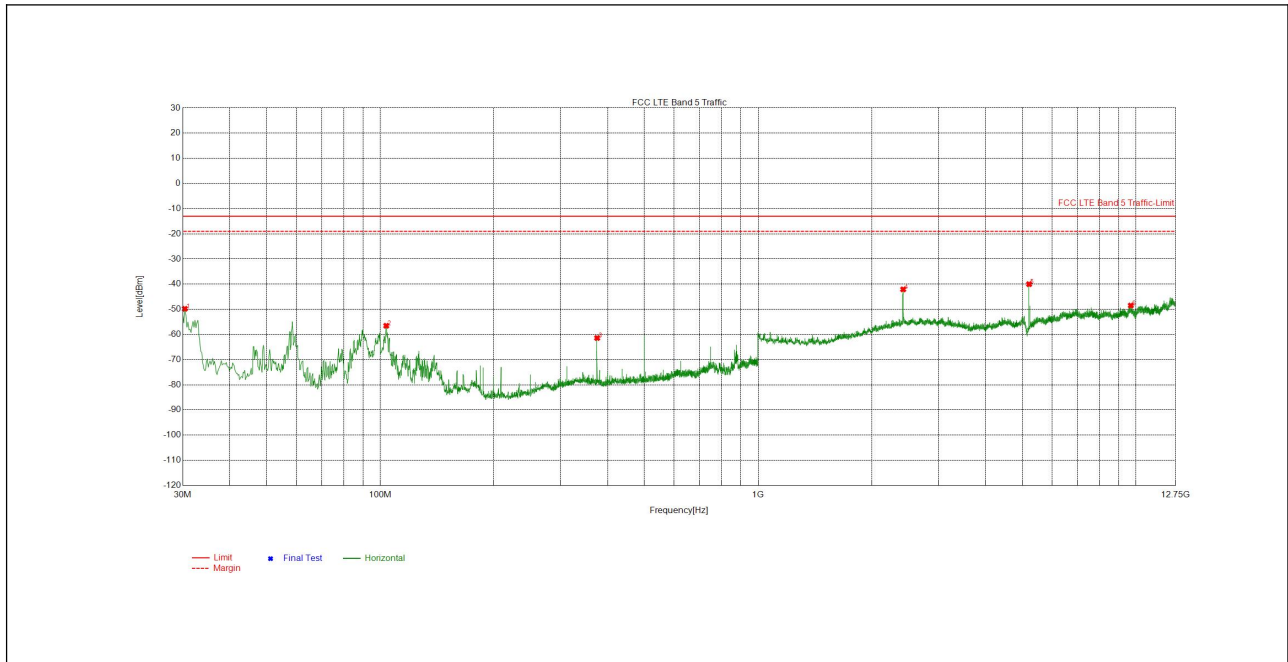


Suspected List

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	32.7165	150	182	-55.37	-13.00	42.37	PASS	Vertical
2	89.958	150	272	-65.53	-13.00	52.53	PASS	Vertical
3	499.962	150	109	-61.15	-13.00	48.15	PASS	Vertical
4	2110.486	150	272	-51.51	-13.00	38.51	PASS	Vertical
5	5178.7179	150	154	-41.79	-13.00	28.79	PASS	Vertical
6	9745.2245	150	125	-48.13	-13.00	35.13	PASS	Vertical

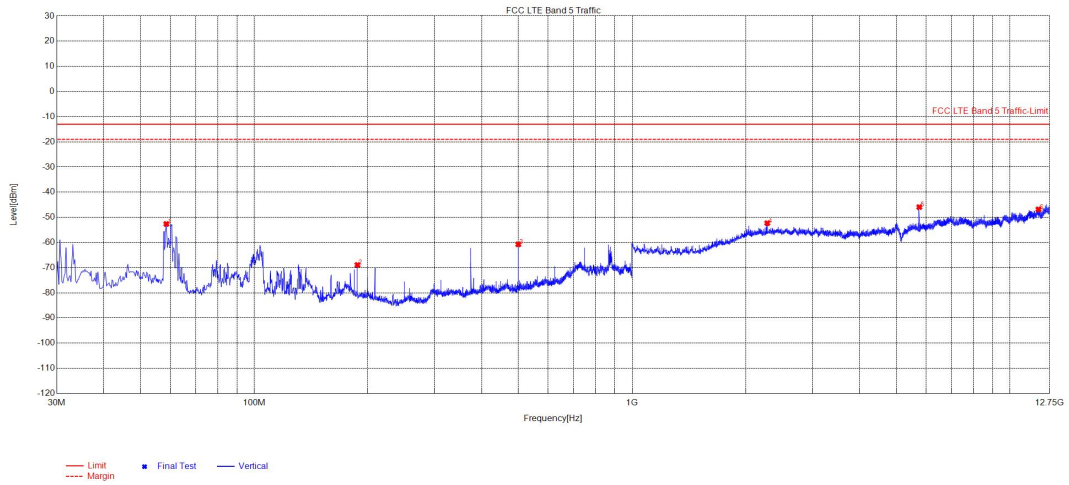


Plot for Mid Channel



Suspected List

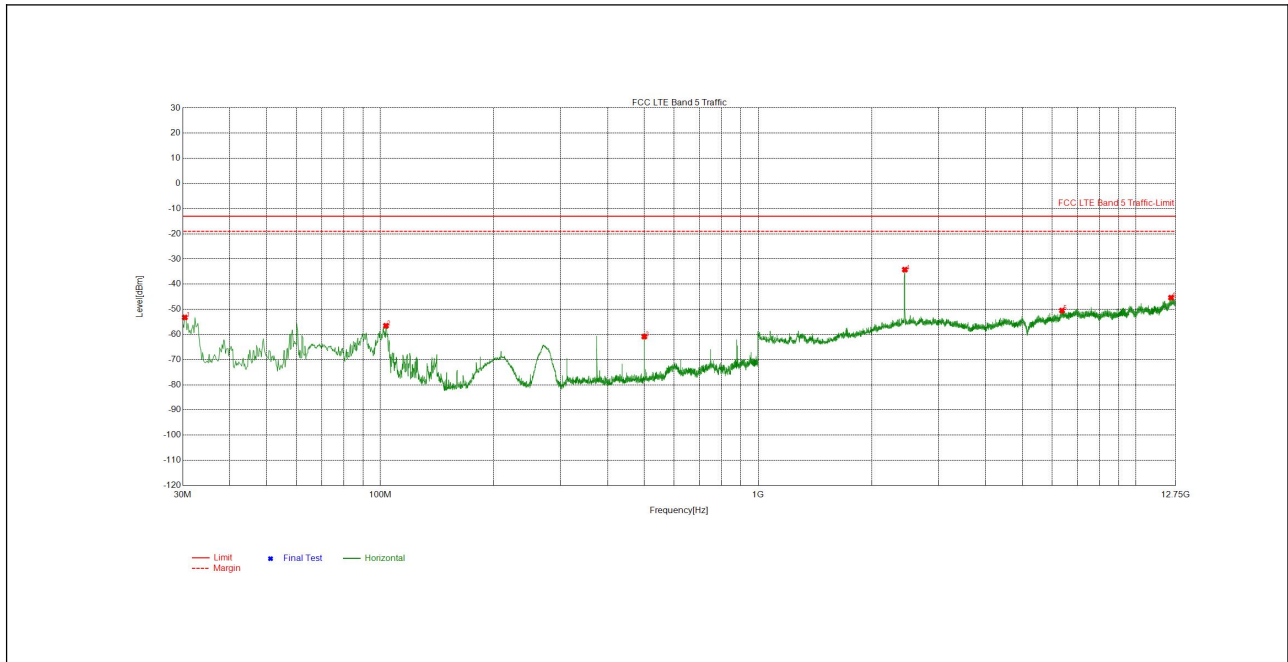
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	30.3881	150	246	-49.78	-13.00	36.78	PASS	Horizontal
2	103.7347	150	28	-56.52	-13.00	43.52	PASS	Horizontal
3	375.001	150	324	-61.38	-13.00	48.38	PASS	Horizontal
4	2421.8922	150	188	-42.06	-13.00	29.06	PASS	Horizontal
5	5216.3216	150	0	-39.99	-13.00	26.99	PASS	Horizontal
6	9697.0447	150	115	-48.48	-13.00	35.48	PASS	Horizontal



Suspected List

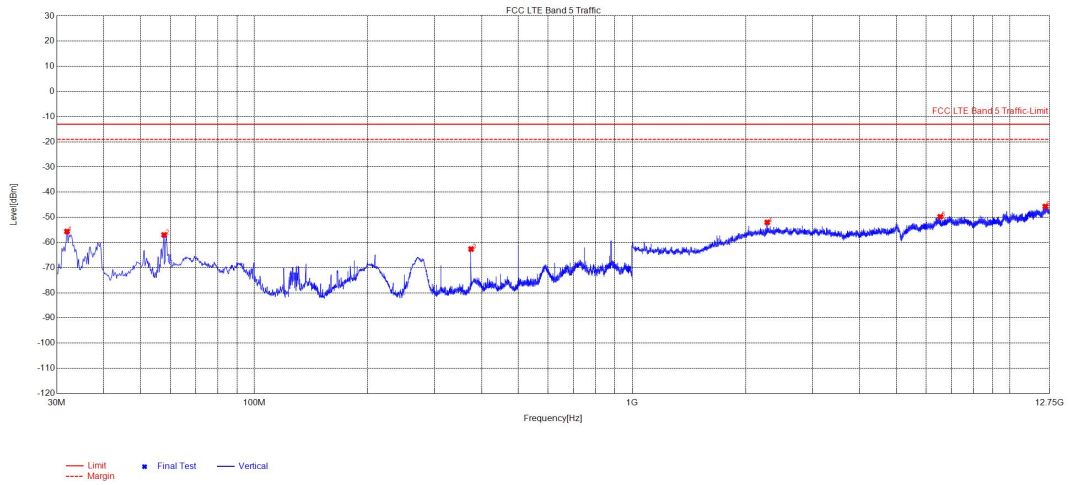
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	58.5237	150	360	-52.63	-13.00	39.63	PASS	Vertical
2	187.5595	150	292	-68.92	-13.00	55.92	PASS	Vertical
3	499.962	150	77	-60.72	-13.00	47.72	PASS	Vertical
4	2279.703	150	164	-52.32	-13.00	39.32	PASS	Vertical
5	5758.0508	150	247	-45.92	-13.00	32.92	PASS	Vertical
6	11906.2656	150	184	-46.83	-13.00	33.83	PASS	Vertical

Plot for High Channel



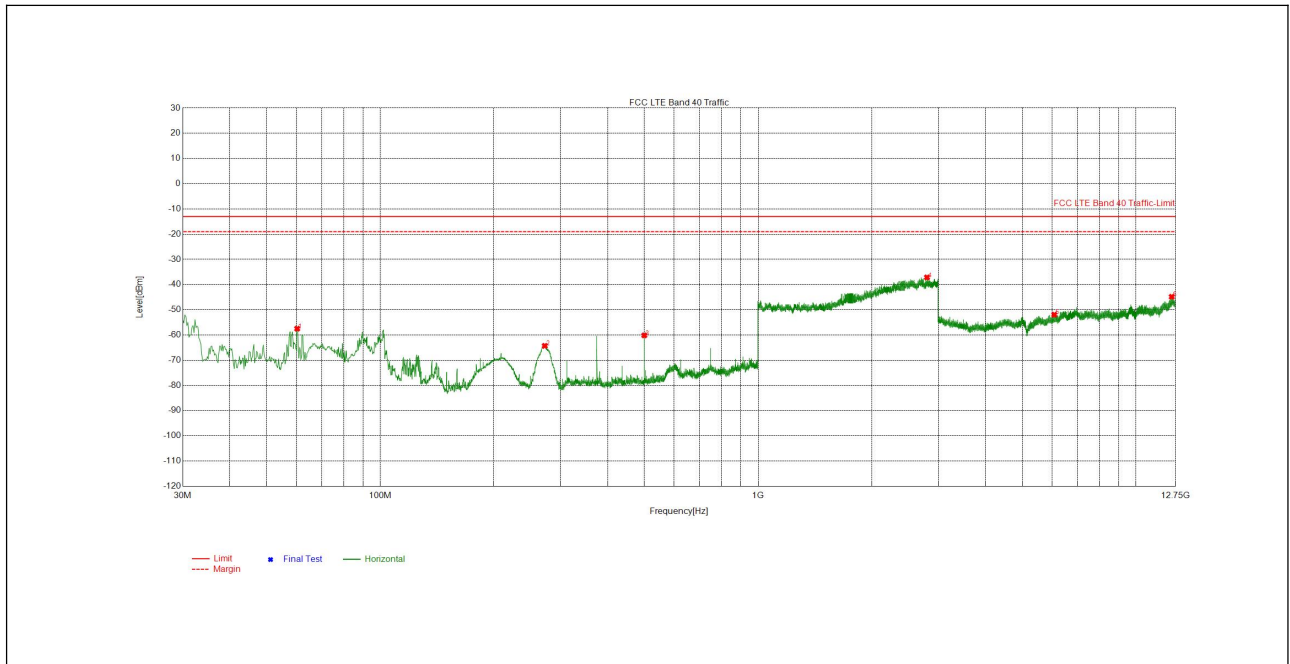
Suspected List

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	30.3881	150	83	-53.22	-13.00	40.22	PASS	Horizontal
2	103.5407	150	156	-56.52	-13.00	43.52	PASS	Horizontal
3	499.962	150	75	-60.83	-13.00	47.83	PASS	Horizontal
4	2446.5697	150	357	-34.23	-13.00	21.23	PASS	Horizontal
5	6374.9875	150	55	-50.49	-13.00	37.49	PASS	Horizontal
6	12392.7643	150	75	-45.35	-13.00	32.35	PASS	Horizontal

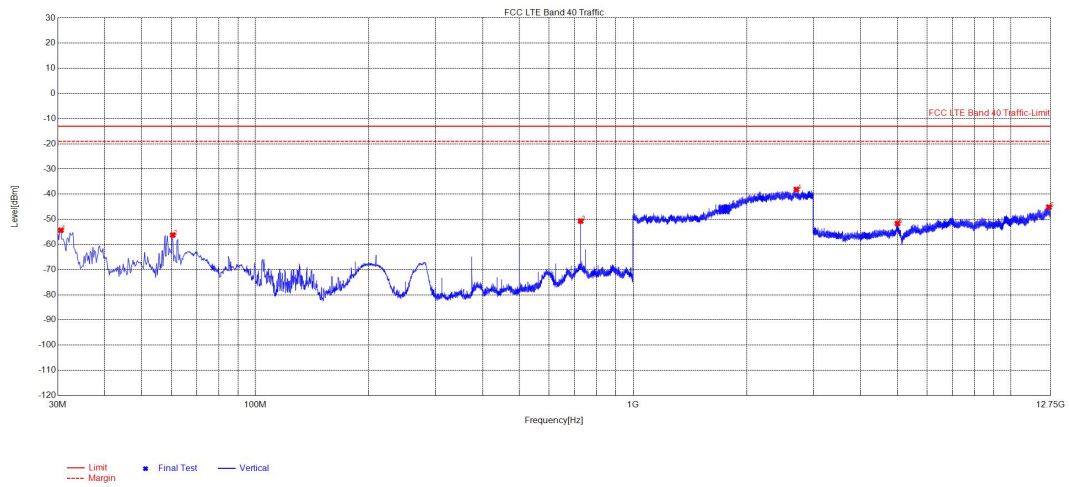


Suspected List

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	31.9404	150	150	-55.61	-13.00	42.61	PASS	Vertical
2	57.7476	150	150	-56.96	-13.00	43.96	PASS	Vertical
3	375.001	150	320	-62.60	-13.00	49.60	PASS	Vertical
4	2279.703	150	360	-52.01	-13.00	39.01	PASS	Vertical
5	6541.8542	150	150	-49.76	-13.00	36.76	PASS	Vertical
6	12417.4417	150	3	-45.68	-13.00	32.68	PASS	Vertical

**LTE Band 40****Plot for Low Channel****Suspected List**

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	60.2701	150	47	-57.49	-13.00	44.49	PASS	Horizontal
2	272.5485	150	261	-64.31	-13.00	51.31	PASS	Horizontal
3	499.962	150	357	-60.15	-13.00	47.15	PASS	Horizontal
4	2799.78	150	306	-37.15	-13.00	24.15	PASS	Horizontal
5	6082.6166	150	359	-51.94	-13.00	38.94	PASS	Horizontal
6	12444.3222	150	68	-44.84	-13.00	31.84	PASS	Horizontal

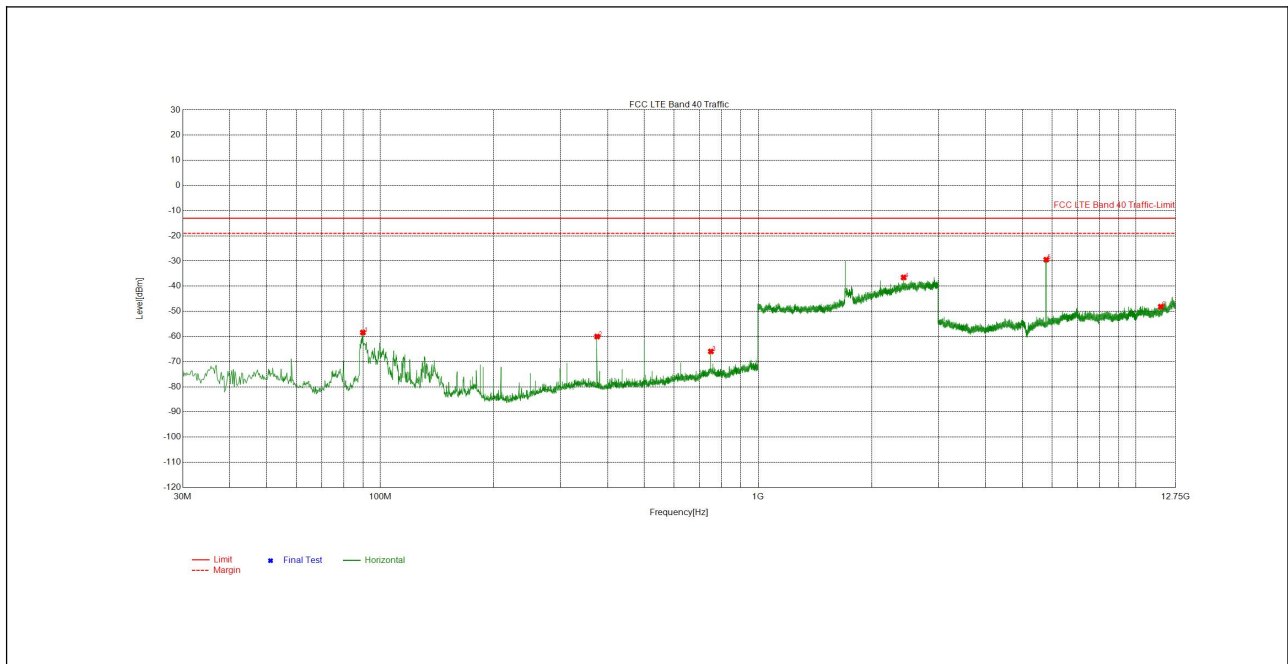


Suspected List

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	30.5821	150	322	-54.34	-13.00	41.34	PASS	Vertical
2	60.4641	150	46	-56.23	-13.00	43.23	PASS	Vertical
3	726.2112	150	357	-50.69	-13.00	37.69	PASS	Vertical
4	2705.7706	150	46	-38.13	-13.00	25.13	PASS	Vertical
5	5009.5755	150	3	-51.66	-13.00	38.66	PASS	Vertical
6	12604.7177	150	131	-45.15	-13.00	32.15	PASS	Vertical

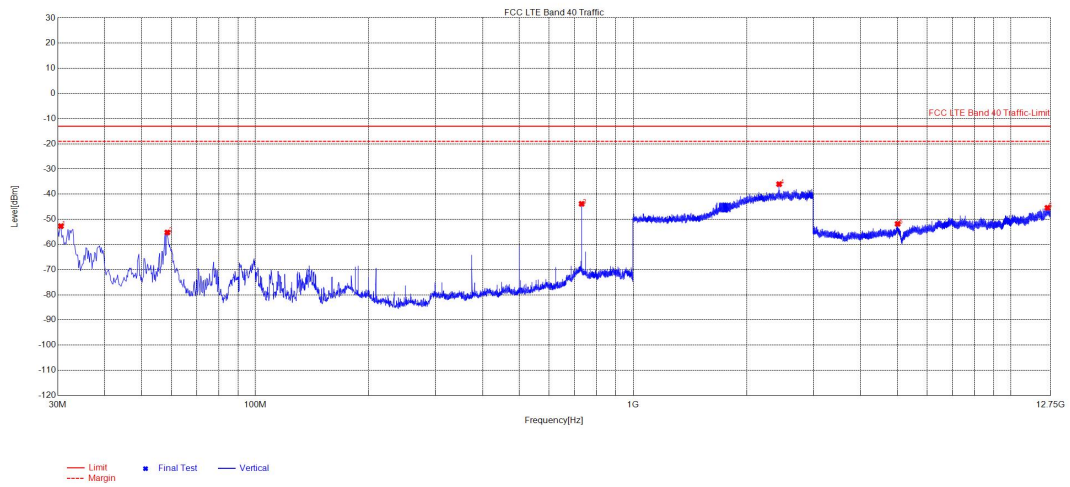


Plot for Mid Channel



Suspected List

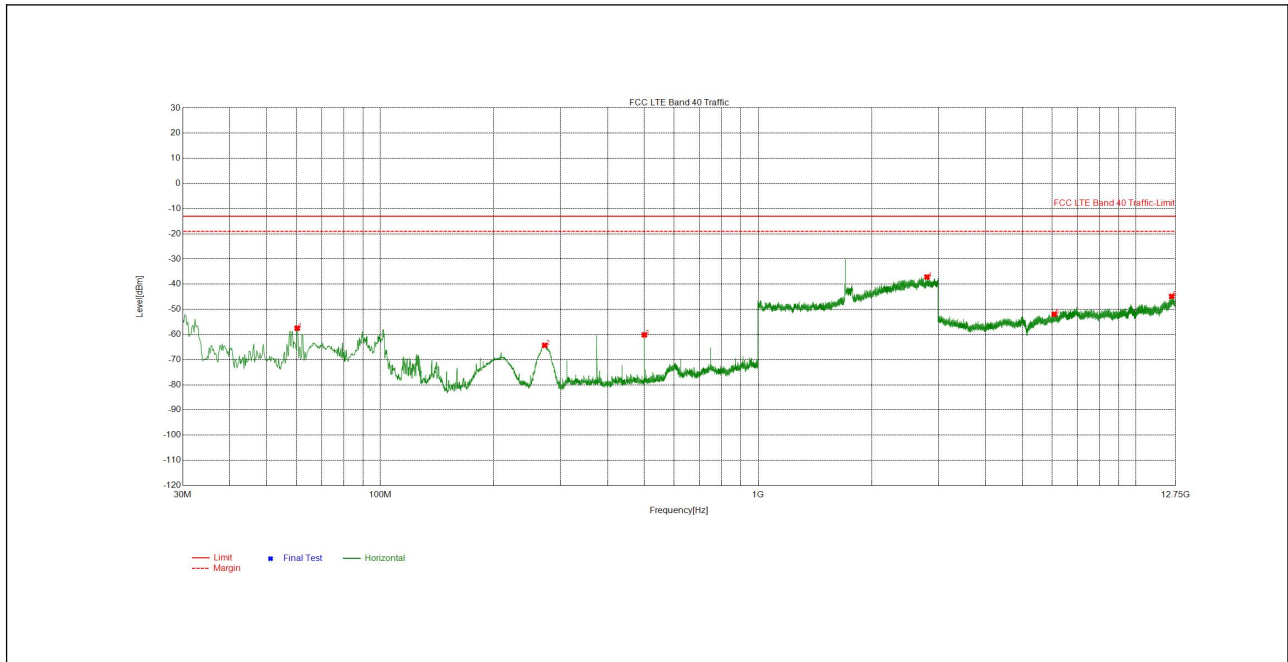
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	89.958	150	1	-58.40	-13.00	45.40	PASS	Horizontal
2	375.001	150	348	-60.02	-13.00	47.02	PASS	Horizontal
3	750.078	150	357	-65.94	-13.00	52.94	PASS	Horizontal
4	2428.5429	150	150	-36.53	-13.00	23.53	PASS	Horizontal
5	5791.5646	150	103	-29.47	-13.00	16.47	PASS	Horizontal
6	11639.4195	150	162	-48.16	-13.00	35.16	PASS	Horizontal



Suspected List

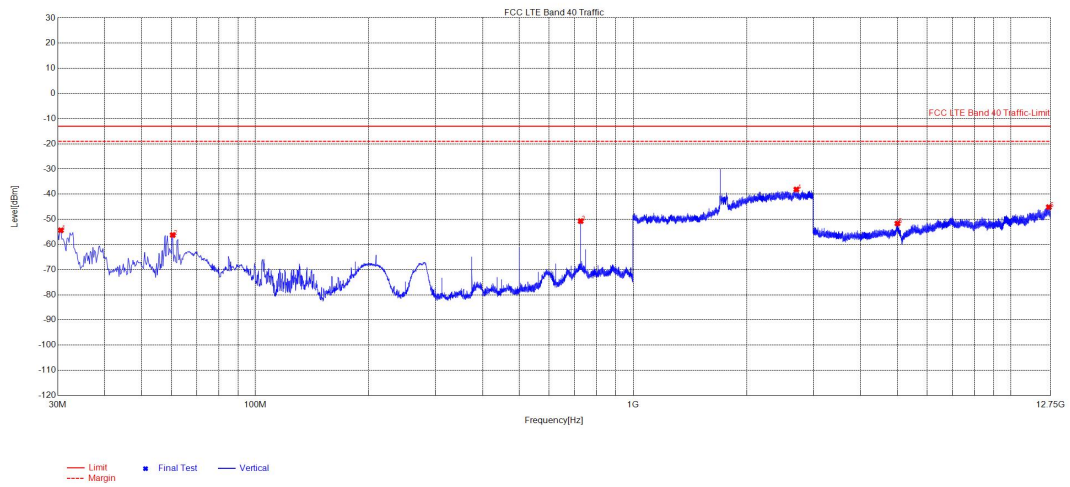
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	30.5821	150	220	-52.69	-13.00	39.69	PASS	Vertical
2	58.5237	150	238	-55.22	-13.00	42.22	PASS	Vertical
3	730.8682	150	357	-43.84	-13.00	30.84	PASS	Vertical
4	2435.7436	150	220	-36.01	-13.00	23.01	PASS	Vertical
5	5015.4258	150	3	-51.80	-13.00	38.80	PASS	Vertical
6	12500.875	150	130	-45.41	-13.00	32.41	PASS	Vertical

Plot for High Channel



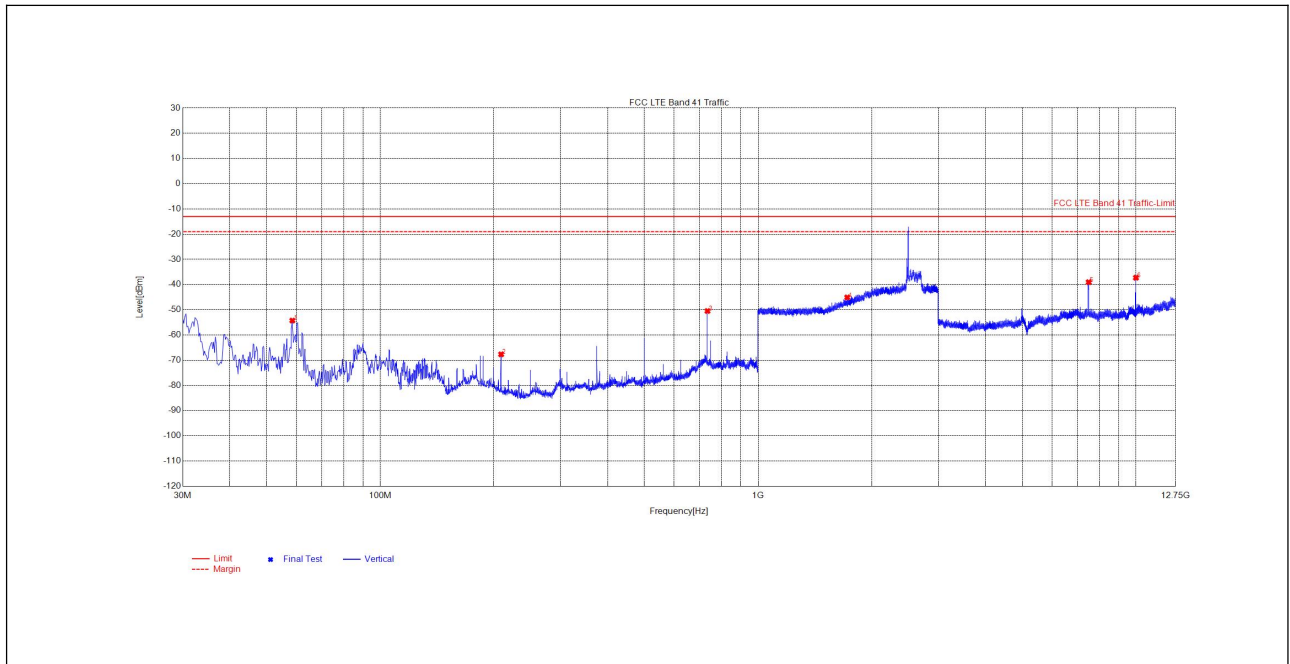
Suspected List

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	60.2701	150	47	-57.49	-13.00	44.49	PASS	Horizontal
2	272.5485	150	261	-64.31	-13.00	51.31	PASS	Horizontal
3	499.962	150	357	-60.15	-13.00	47.15	PASS	Horizontal
4	2799.78	150	306	-37.15	-13.00	24.15	PASS	Horizontal
5	6082.6166	150	359	-51.94	-13.00	38.94	PASS	Horizontal
6	12444.3222	150	68	-44.84	-13.00	31.84	PASS	Horizontal

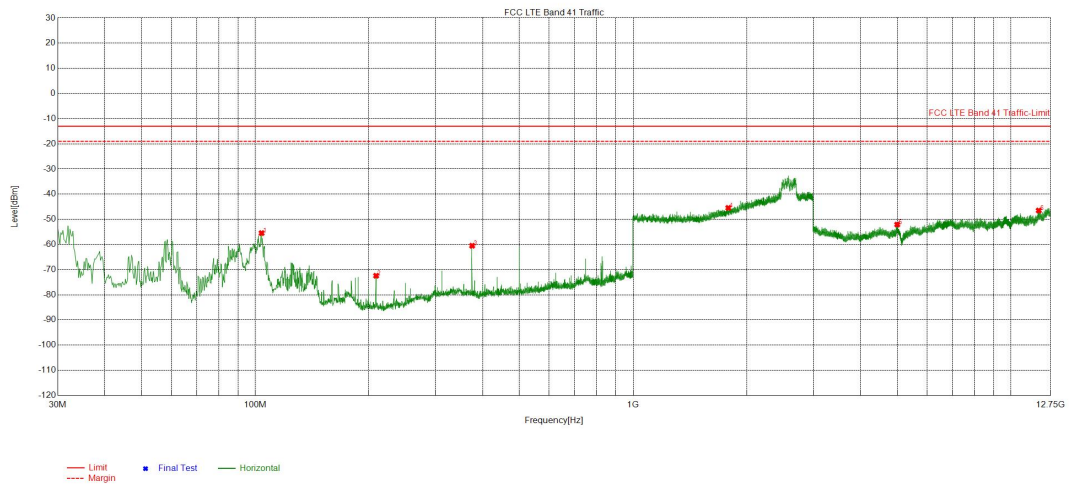


Suspected List

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	30.5821	150	322	-54.34	-13.00	41.34	PASS	Vertical
2	60.4641	150	46	-56.23	-13.00	43.23	PASS	Vertical
3	726.2112	150	357	-50.69	-13.00	37.69	PASS	Vertical
4	2705.7706	150	46	-38.13	-13.00	25.13	PASS	Vertical
5	5009.5755	150	3	-51.66	-13.00	38.66	PASS	Vertical
6	12604.7177	150	131	-45.15	-13.00	32.15	PASS	Vertical

**LTE Band 41****Plot for Low Channel****Suspected List**

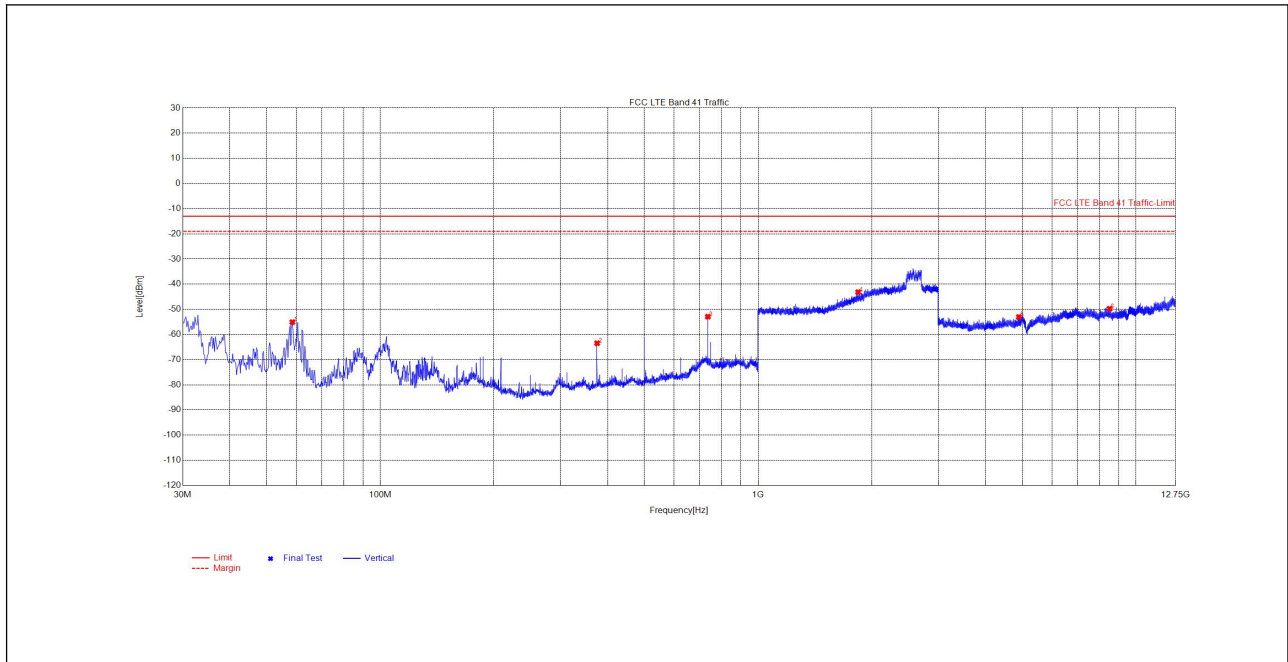
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	58.5237	150	206	-54.27	-13.00	41.27	PASS	Vertical
2	208.9038	150	318	-67.66	-13.00	54.66	PASS	Vertical
3	734.749	150	3	-50.48	-13.00	37.48	PASS	Vertical
4	1722.4722	150	224	-45.09	-13.00	32.09	PASS	Vertical
5	7502.7751	150	357	-39.04	-13.00	26.04	PASS	Vertical
6	10003.7752	150	92	-37.28	-13.00	24.28	PASS	Vertical



Suspected List

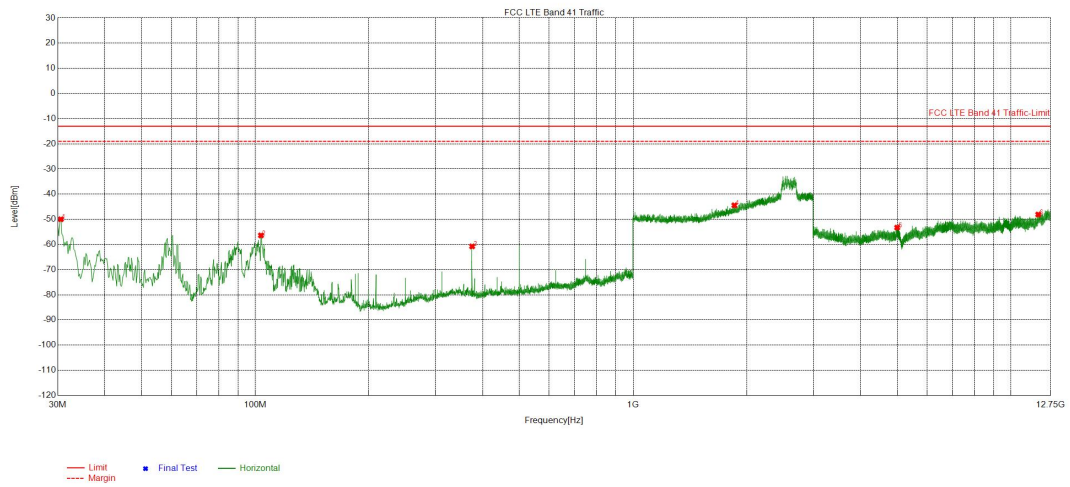
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	103.9288	150	126	-55.47	-13.00	42.47	PASS	Horizontal
2	208.9038	150	330	-72.42	-13.00	59.42	PASS	Horizontal
3	375.001	150	100	-60.49	-13.00	47.49	PASS	Horizontal
4	1787.6788	150	92	-45.45	-13.00	32.45	PASS	Horizontal
5	5002.7501	150	344	-52.08	-13.00	39.08	PASS	Horizontal
6	11853.9302	150	148	-46.49	-13.00	33.49	PASS	Horizontal

Plot for Mid Channel



Suspected List

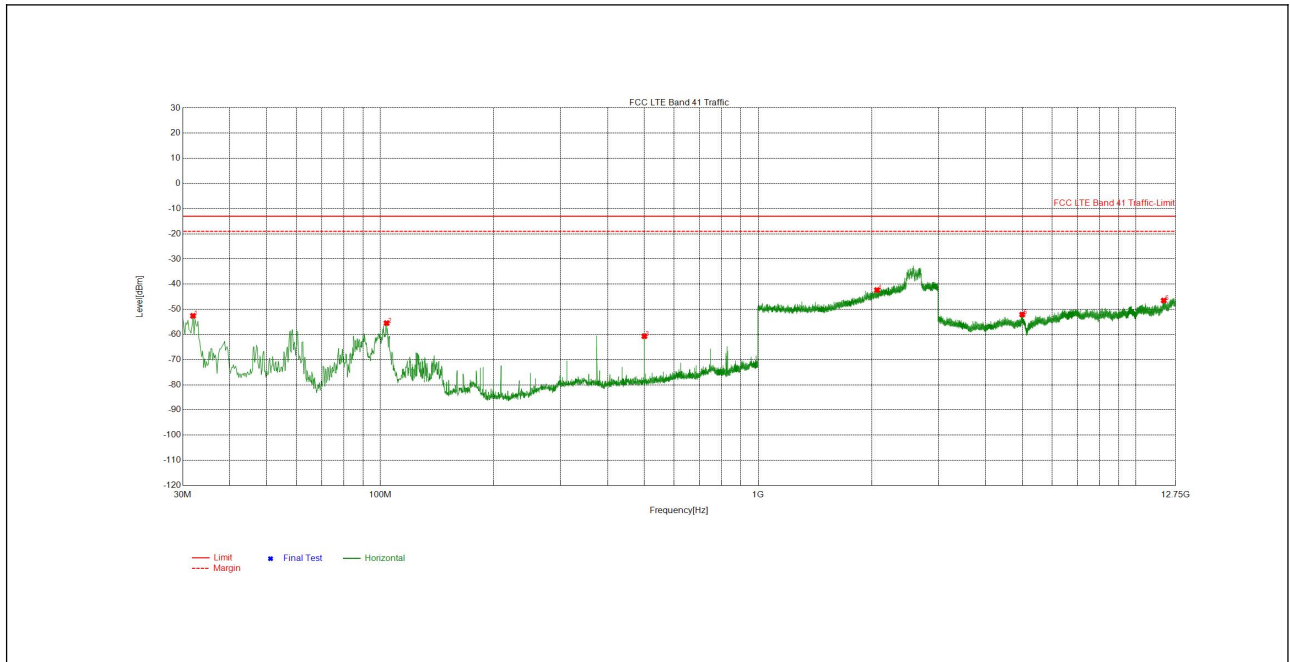
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	58.5237	150	212	-55.08	-13.00	42.08	PASS	Vertical
2	375.001	150	348	-63.46	-13.00	50.46	PASS	Vertical
3	736.3013	150	357	-52.91	-13.00	39.91	PASS	Vertical
4	1840.6841	150	170	-43.16	-13.00	30.16	PASS	Vertical
5	4902.3201	150	55	-53.02	-13.00	40.02	PASS	Vertical
6	8518.7759	150	115	-49.75	-13.00	36.75	PASS	Vertical



Suspected List

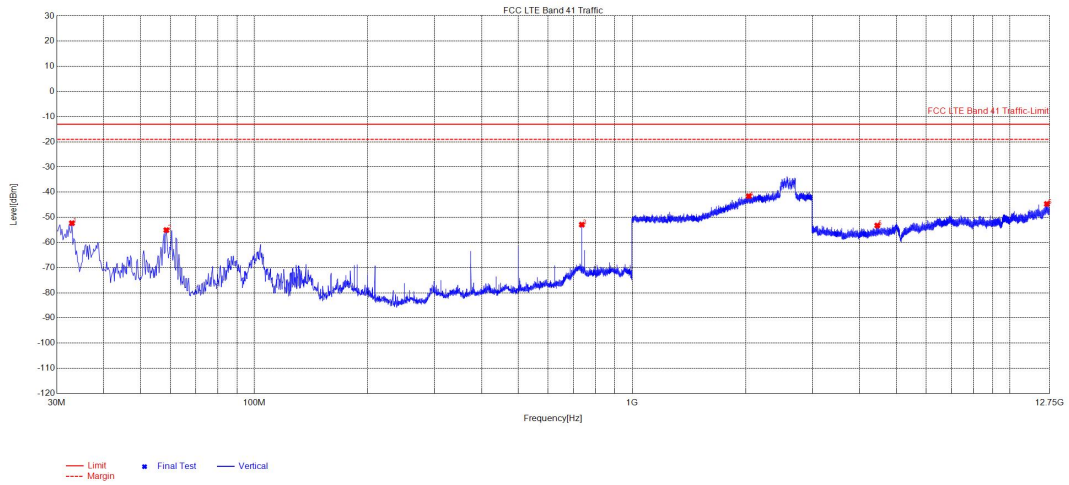
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	30.5821	150	343	-49.96	-13.00	36.96	PASS	Horizontal
2	103.5407	150	150	-56.38	-13.00	43.38	PASS	Horizontal
3	375.001	150	360	-60.74	-13.00	47.74	PASS	Horizontal
4	1854.4854	150	59	-44.44	-13.00	31.44	PASS	Horizontal
5	5001.7751	150	348	-53.27	-13.00	40.27	PASS	Horizontal
6	11816.3908	150	340	-48.08	-13.00	35.08	PASS	Horizontal

Plot for High Channel



Suspected List

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	31.9404	150	145	-52.58	-13.00	39.58	PASS	Horizontal
2	103.9288	150	126	-55.47	-13.00	42.47	PASS	Horizontal
3	500.156	150	100	-60.67	-13.00	47.67	PASS	Horizontal
4	2064.5065	150	357	-42.33	-13.00	29.33	PASS	Horizontal
5	5002.7501	150	344	-52.08	-13.00	39.08	PASS	Horizontal
6	11853.9302	150	148	-46.49	-13.00	33.49	PASS	Horizontal



Suspected List

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	32.9106	150	228	-52.31	-13.00	39.31	PASS	Vertical
2	58.5237	150	212	-55.08	-13.00	42.08	PASS	Vertical
3	736.3013	150	357	-52.91	-13.00	39.91	PASS	Vertical
4	2036.9037	150	144	-41.56	-13.00	28.56	PASS	Vertical
5	4457.6979	150	220	-53.25	-13.00	40.25	PASS	Vertical
6	12531.1016	150	123	-44.68	-13.00	31.68	PASS	Vertical



Annex A Test Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for test performed on the EUT as specified in CISPR 16-1-2:

Test items	Uncertainty
Output Power	± 2.22 dB
Bandwidth	$\pm 5\%$
Conducted Spurious Emission	± 2.77 dB
Band Edge	± 2.77 dB
Equivalent Isotropic Radiated Power	± 2.22 dB
Radiated Spurious Emissions	± 6 dB

This uncertainty represent an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.



Annex B Testing Laboratory Information

1. Identification of the Responsible Testing Laboratory

Laboratory Name:	Shenzhen Morlab Communications Technology Co., Ltd.
Laboratory Address:	FL.3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China
Telephone:	+86 755 36698555
Facsimile:	+86 755 36698525

2. Identification of the Responsible Testing Location

Name:	Shenzhen Morlab Communications Technology Co., Ltd.
Address:	FL.3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China

3. Facilities and Accreditations

All measurement facilities used to collect the measurement data are located at FL.3, Building A, FeiYang Science Park, Block 67, BaoAn District, Shenzhen, 518101 P. R. China. The test site is constructed in conformance with the requirements of ANSI C63.10-2020 and CISPR Publication 22; the FCC designation number is CN1192, the test firm registration number is 226174.

4. Test Equipment Utilized

4.1 Conducted Test Equipment



REPORT No.: SZ25120020W06

Equipment	Serial No.	Type	Manufacturer	Cal. Date	Due Date
EXA Signal Analyzer	MY51511149	N9020A	Agilent	2025.05.15	2026.05.14
Communication Test Station	6200995016	MT8820C	Anritsu	2025.09.02	2026.09.01
Temperature Chamber	S022177101 00089002	KMT-36LF 1A0	KOMEG	2025.09.02	2026.09.01

4.2 List of Software Used

Description	Manufacturer	Software Version
MOR-2023E Test System	MORLAB	V7.99
JS36-RSE	Tonscend	5.0.0

**4.3 Radiated Test Equipment**

Equipment	Serial No.	Type	Manufacturer	Cal. Date	Due Date
System Simulator	152038	CMW500	R&S	2025.09.03	2026.09.02
Receiver	MY56060145	N9020A	Agilent	2025.05.13	2026.05.12
Test Antenna - Bi-Log	9163-274	VULB 9163	Schwarzbeck	2025.06.28	2026.06.27
Test Antenna - Horn	9120D-963	BBHA 9120D	Schwarzbeck	2025.05.16	2026.05.15
RF Coaxial Cable (DC-18GHz)	MRE001	PE330	Pasternack	2025.05.13	2026.05.12
RF Coaxial Cable (DC-18GHz)	MRE002	CLU18	Pasternack	2025.05.13	2026.05.12
RF Coaxial Cable (DC-18GHz)	MRE003	CLU18	Pasternack	2025.05.13	2026.05.12
RF Coaxial Cable (DC-40GHz)	22290045	QA360-40-K K-0.5	Qualwave	2025.09.03	2026.09.02
RF Coaxial Cable (DC-40GHz)	22290046	QA360-40-K KF-2	Qualwave	2025.09.03	2026.09.02
RF Coaxial Cable (DC-18GHz)	22120181	QA500-18-N N-5	Qualwave	2025.09.03	2026.09.02
Preamplifier (10MHz-6GHz)	46732	S10M100L38 02	LUCIX CORP.	2025.05.13	2026.05.12
Preamplifier (2GHz-18GHz)	61171/61172	S020180L32 03	LUCIX CORP.	2025.05.13	2026.05.12
Preamplifier (18GHz-40GHz)	DS77209	DCLNA0118- 40C-S	Decentest	2025.05.13	2026.05.12
Notch Filter	N/A	WRCGV -LTE 26	Wainwright	N/A	N/A
Anechoic Chamber	N/A	9m*6m*6m	CRT	2025.06.21	2028.06.20
Anechoic Chamber	N/A	9m*6m*6m	CRT	2022.11.30	2025.11.29

END OF REPORT