

Prüfbericht-Nr.: Test report no.:	CN25WPRG 003	Auftrags-Nr.: Order no.:	168557586	Seite 1 von 14 Page 1 of 14
Kunden-Referenz-Nr.: Client reference no.:	N/A	Auftragsdatum: Order date:	2025-06-05	
Auftraggeber: Client:	Changzhou Lymow Technology Co., Ltd. Huakong Mansion, Building 3, No.1 Shangdi East Road, Haidian District, 100085 Beijing, P.R. China			
Prüfgegenstand: Test item:	Lymow One			
Bezeichnung / Typ-Nr.: Identification / Type no.:	Lymow One			
Auftrags-Inhalt: Order content:	Test Report			
Prüfgrundlage: Test specification:	CFR47 FCC Part 22 CFR47 FCC Part 24 CFR47 FCC Part 27 CFR47 FCC Part 90			
Wareneingangsdatum: Date of sample receipt:	2025-06-07	Please refer to Photo Document		
Prüfmuster-Nr.: Test sample no.:	A004000487-002			
Prüfzeitraum: Testing period:	2025-06-07 - 2025-06-18			
Ort der Prüfung: Place of testing:	Refer to section 2.1			
Prüflaboratorium: Testing laboratory:	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüfergebnis*: Test result*:	Pass			
geprüft von: tested by:	<u>X Bell Hu</u>	genehmigt von: authorized by:	<u>X Jonathan Li</u>	
Datum: Date: 2025-07-16	Signed by: Bell Hu	Ausstellungsdatum: Issue date: 2025-07-16	Signed by: Jonathan Li	
Stellung / Position:	Sachverständige(r)/Expert		Stellung / Position:	Sachverständige(r)/Expert
Sonstiges / Other:	*This product contains certificated single module (XMR202008EC25AFXD), details listed as clause 3.1. **Assessment performed in this report is for this certificated module accomodated into the host device (Product: Lymow One, Model: Lymow One, Manufacturer: Changzhou Lymow Technology Co., Ltd.).			
Zustand des Prüfgegenstandes bei Anlieferung: Condition of the test item at delivery:	Prüfmuster vollständig und unbeschädigt Test item complete and undamaged			
* Legende:	P(ass) = entspricht o.g. Prüfgrundlage(n)	F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	N/A = nicht anwendbar	N/T = nicht getestet
* Legend:	P(ass) = passed a.m. test specification(s)	F(ail) = failed a.m. test specification(s)	N/A = not applicable	N/T = not tested
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report only relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>				

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Anmerkungen
Remarks

1	Alle eingesetzten Prüfmittel waren zum angegebenen Prüfzeitraum gemäß eines festgelegten Kalibrierungsprogramms unseres Prüfhauses kalibriert. Sie entsprechen den in den Prüfprogrammen hinterlegten Anforderungen. Die Rückverfolgbarkeit der eingesetzten Prüfmittel ist durch die Einhaltung der Regelungen unseres Managementsystems gegeben. Detaillierte Informationen bezüglich Prüfkonditionen, Prüfequipment und Messunsicherheiten sind im Prüflabor vorhanden und können auf Wunsch bereitgestellt werden. <i>The equipment used during the specified testing period was calibrated according to our test laboratory calibration program. The equipment fulfils the requirements included in the relevant standards. The traceability of the test equipment used is ensured by compliance with the regulations of our management system. Detailed information regarding test conditions, equipment and measurement uncertainty is available in the test laboratory and could be provided on request.</i>
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3	Prüfklausel mit der Note * wurden an qualifizierte Unterauftragnehmer vergeben und sind unter der jeweiligen Prüfklausel des Berichts beschrieben. Abweichungen von Prüfspezifikation(en) oder Kundenanforderungen sind in der jeweiligen Prüfklausel im Bericht aufgeführt. <i>Test clauses with remark of * are subcontracted to qualified subcontractors and described under the respective test clause in the report.</i> <i>Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report.</i>
4	Die Entscheidungsregel für Konformitätserklärungen basierend auf numerischen Messergebnissen in diesem Prüfbericht basiert auf der "Null-Grenzwert-Regel" und der "Einfachen Akzeptanz" gemäß ILAC G8:2019 und IEC Guide 115:2023, es sei denn, in der auf Seite 1 dieses Berichts genannten angewandten Norm ist etwas anderes festgelegt oder vom Kunden gewünscht. Dies bedeutet, dass die Messunsicherheit nicht berücksichtigt wird und daher auch nicht im Prüfbericht angegeben wird. Zu weiteren Informationen bezüglich des Risikos durch diese Entscheidungsregel siehe ILAC G8:2019. <i>The decision rule for statements of conformity, based on numerical measurement results, in this test report is based on the "Zero Guard Band Rule" and "Simple Acceptance" in accordance with ILAC G8:2019 and IEC Guide 115:2023, unless otherwise specified in the applied standard mentioned on Page 1 of this report or requested by the customer. This means that measurement uncertainty is not taken in account and hence also not declared in the test report. For additional information to the resulting risk based of this decision rule please refer to ILAC G8:2019.</i>

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1 General Remarks

1.1 Complementary Materials

All attachments are integral parts of this test report. This applies especially to the following appendix:

Appendix A test results.

Appendix B test Setup.

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2 Test Sites

2.1 Test Facilities

TÜV Rheinland (Shenzhen) Co., Ltd.

2-3F, 101 & 102, No.2, Nuclear Power Industrial Park, Fuming Community, Fucheng Street, Longhua District, Shenzhen 518000, People's Republic of China

A2LA Cert. No.: 5162.01

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

☒ Unwanted Emission Testing (TS8996)						
Equip. No.	Description	Manufacturer	Model	Serial No.	Calibrated Date (DD.MM.YYYY)	Calibrated until (DD.MM.YYYY)
G1825844	Signal Generator	R&S	SMB100A	180840	29.09.2024	28.09.2025
G1825845	Wideband Radio Communication Tester	R&S	CMW500	165339	29.09.2024	28.09.2025
G1825846	Signal Analyzer	R&S	FSV 40	101440	29.09.2024	28.09.2025
G1825847	System Controller Interface	R&S	SCI-100	S10010036	N/A	N/A
G1825849	Filterbank	R&S	GSM	100811	29.09.2024	28.09.2025
G1825850	OSP	R&S	OSP 120	102041	N/A	N/A
G1825851	OSP	R&S	OSP 150	101385	29.10.2024	28.10.2025
G1825852	Pre-amplifier	R&S	SCU08F1	08320030	29.09.2024	28.09.2025
G1825853	Amplifier	R&S	SCU-18F	180079	29.09.2024	28.09.2025
G1825854	Amplifier	R&S	SCU40A	100450	29.09.2024	28.09.2025
G1825855	Trilog Broadband Antenna (30 MHz - 7 GHz)	Schwarzbeck	VULB 9162	192	07.10.2024	06.10.2026
G1825856	Double-Ridged Antenna (1 -18 GHz)	ETS-LINDGREN	3117	00218719	07.10.2024	06.10.2026
G1825857	Wideband Ridged Horn Antenna (12-18 GHz)	Steatite	QMS-00208	18312	07.10.2024	06.10.2026
G1825858	Wideband Ridged Horn Antenna (18-40 GHz)	Steatite	QMS-00880	19066	07.10.2024	06.10.2026
G1825859	Biconical Broadband Antenna (30 MHz - 1 GHz)	Schwarzbeck	VUBA 9117	357	07.10.2024	06.10.2026
G1825860	Double Ridged Broadband Horn Antenna (1 – 18 GHz)	Schwarzbeck	BBHA 9120 D	01760	07.10.2024	06.10.2026
G1825861	Broadband Horn Antenna (15 – 40	Schwarzbeck	BBHA 9170	00862	07.10.2024	06.10.2026

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	GHz)					
G1825862	Test Software	R&S	EMC32 (V10.50.40)	N/A	N/A	N/A
G1825863	Control PC	Dell	OptiPlex 7050	36NW9P 2	N/A	N/A
G1826432	3m Fully Anechoic Chamber	Albatross	FAC-3m	APC1715 1-FAC	14.09.2024	13.09.2027

2.3 Traceability

All measurement equipment calibrations are traceable to NIM (National Institute of Metrology) or where calibration is performed in other countries, to equivalent nationally recognized standards organizations.

2.4 Calibration

Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basis using in house standards or comparisons.

2.5 Measurement Uncertainty

The estimated combined standard uncertainty for radiated emissions and conducted emissions measurements as below table

Parameter	Uncertainty (k=2)
All emissions, radiated	± 4.17 dB

2.6 Location of Original Data

The original copies of all test data taken during actual testing were at this report and delivered to the applicant. A copy has been retained in the TÜV Rheinland (Shenzhen) file for certification follow-up purposes.

2.7 Status of Facility Used for Testing

The TÜV Rheinland (Shenzhen) Co., Ltd. Test facility located at 2-3F, 101 & 102, No.2, Nuclear Power Industrial Park, Fuming Community, Fucheng Street, Longhua District, Shenzhen 518000, People's Republic of China is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

3 General Product Information

3.1 Product Function and Intended Use

The product is Robot Lawn Mower, which supports Wi-Fi, BLE, LTE and Lora(Only Rx) wireless functions.

Note: The Bluetooth, Wi-Fi and LTE are covered by the certificated single modules below. And this report is only for LTE bands.

Modules	FCC ID	Remarks
LTE Module* (Single module)	FCC ID: XMR202008EC25AFXD	Except for the antenna, there is no other changes on the module when integrated into the host (Robot Lawn Mower). And adherence to the grant conditions for RF exposure compliance and applicable maximum ERP/EIRP rules were observed, no authorization request is needed.
Wi-Fi&Bluetooth Module (Single module)	FCC ID: TLZ-NM372SM	The C2PC application is performed for the module integration into the Host (Robot Lawn Mower) as the antennas changed.
Note: As per KDB 996369 D01 section 7 and KDB 996369 D02 (Question 12), the EMC testing of the Module in simultaneous transmission operations were performed while integrated into the host. It is unnecessary to file the result of these simultaneous transmission test data since there is no emissions with increased amplitude and/or on different frequencies are detected compared to what is reported in the modular grant (that refers to single-transmitter operations testing).		

For details refer to the User Manual, Technical Description and Circuit Diagram.

3.2 Ratings and System Details

Table 2: Technical Specification of EUT

General Description of EUT	
Kind of Equipment	Lymow One
Type Designation	Lymow One
Operating Voltage	DC 35.2V by battery
Testing Voltage	DC 35.2V by battery
Type of Radio	
LTE bands	Bands 2, 4, 5, 12, 13, 14, 66, 71
WCDMA Bands	Bands 2, 4, 5
Antenna info:	Integral antenna, 5dBi Max

3.3 Independent Operation Modes

The basic operation modes are:

A, On, LTE/WCDMA link

3.4 Noise Generating and Noise Suppressing Parts

Refer to Circuit Diagram for further details.

3.5 Submitted Documents

- | | |
|-----------------|------------------|
| - Block Diagram | - Photo Document |
| - Schematics | - User Manual |

4 Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

Radio Spectrum: The equipment under test (EUT) was configured at its highest power output in order to measure its highest possible radiation and conducted level. The test modes were adapted accordingly in reference to the instructions for use.

Emission: The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the instructions for use.

4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5. All tests were performed according to the procedures in ANSI C63.10 and ANSI C63.26.

According to clause 3.1, all tests were performed on model Lymow One in this report.

4.3 Special Accessories and Auxiliary Equipment

N/A

4.4 Countermeasures to Achieve EMC Compliance

The test sample which has been tested contained the noise suppression parts as described in the Technical Construction File (TCF).

No additional measures were employed to achieve compliance.

4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test (Below 1GHz)

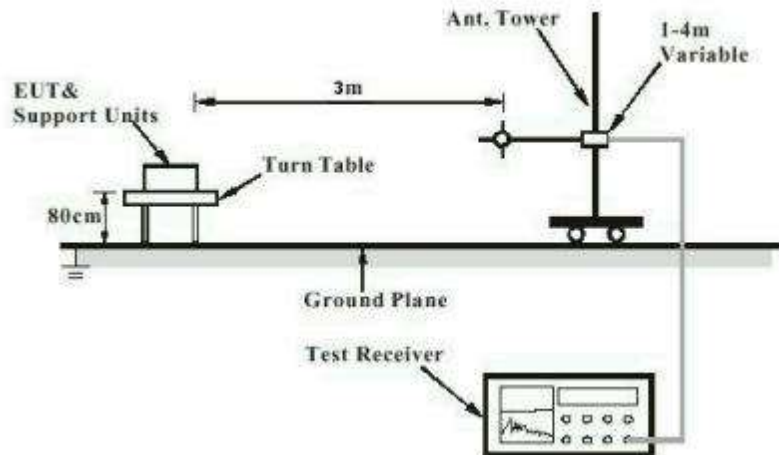
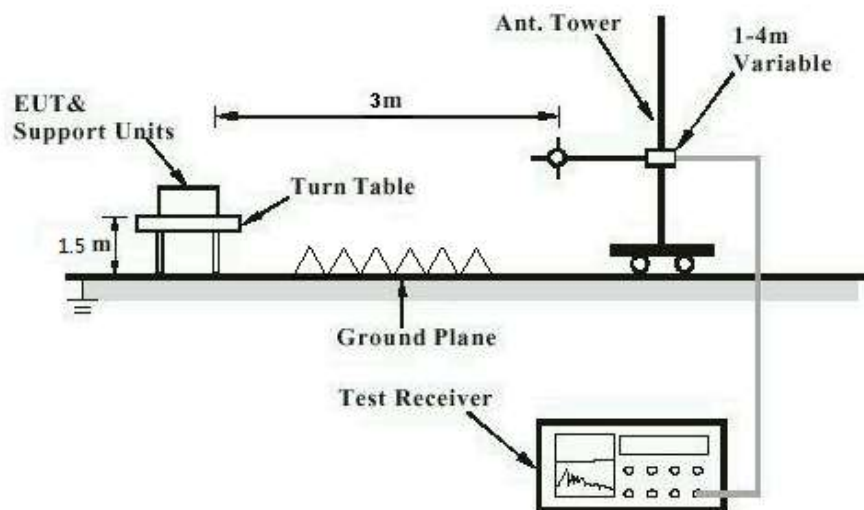


Diagram of Measurement Configuration for Radiation Test (Above 1GHz)



5 Test Results

5.1 Radiated Spurious Emissions

RESULT:

Pass

Test Specification

	CFR47 FCC Part 22
Test standard	: CFR47 FCC Part 24
	CFR47 FCC Part 27
	CFR47 FCC Part 90
Basic standard	: ANSI C63.26
Limit	: KDB 996369 D04
	The emissions not exceed the highest limit.
Kind of test site	: 3m Semi-anechoic Chamber

Test Setup

Date of testing	: 2025-06-07 - 2025-06-18
Input voltage	: Battery operated (35.2V DC)
Operation mode	: A
Earthing	: Not Connected
Ambient temperature	: 22 °C
Relative humidity	: 55 %
Atmospheric pressure	: 101 kPa

Note: The emissions beyond the limit are the fundamental radio frequency of modules.
For the measurement records, refer to the following plots, only the worst case mode is shown in this report.

Refer to appendix A for test results.

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6 Photographs of the Test Set-Up

Refer to appendix B for setup.

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-----End-----

Appendix A: Test Results of Radiation Spurious Emission

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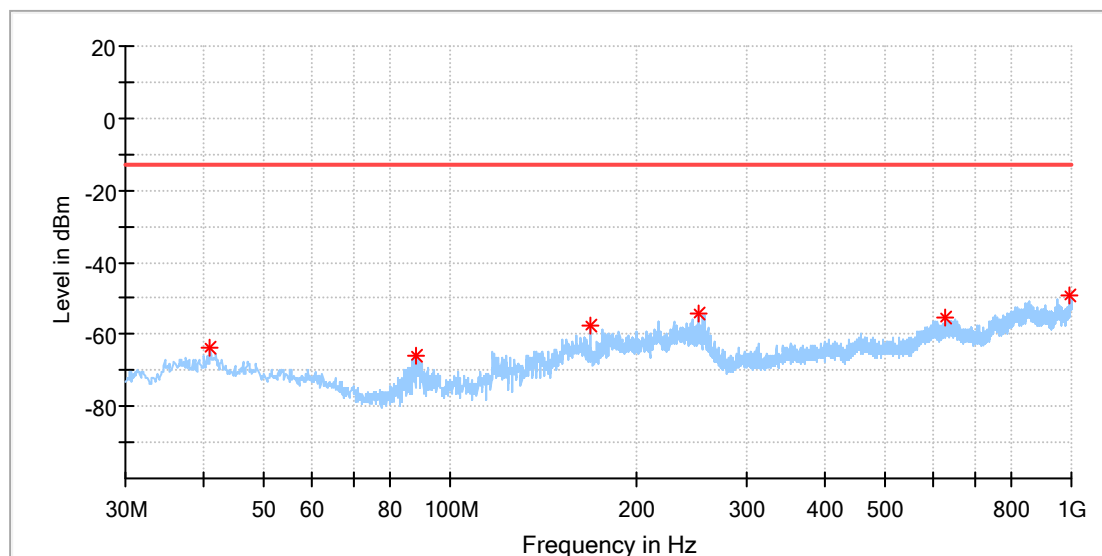
Appendix A.1: Radiated Spurious Emissions - LTE

The highest emissions are the fundamental signals for LTE

Below 1GHz

EUT Information

EUT Name:	Lymow One
Model:	Lymow One
Test Mode:	LTE Band 2_1.4M_QPSK_Mid channel
Order No/Sample No:	168557586/A004000487-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

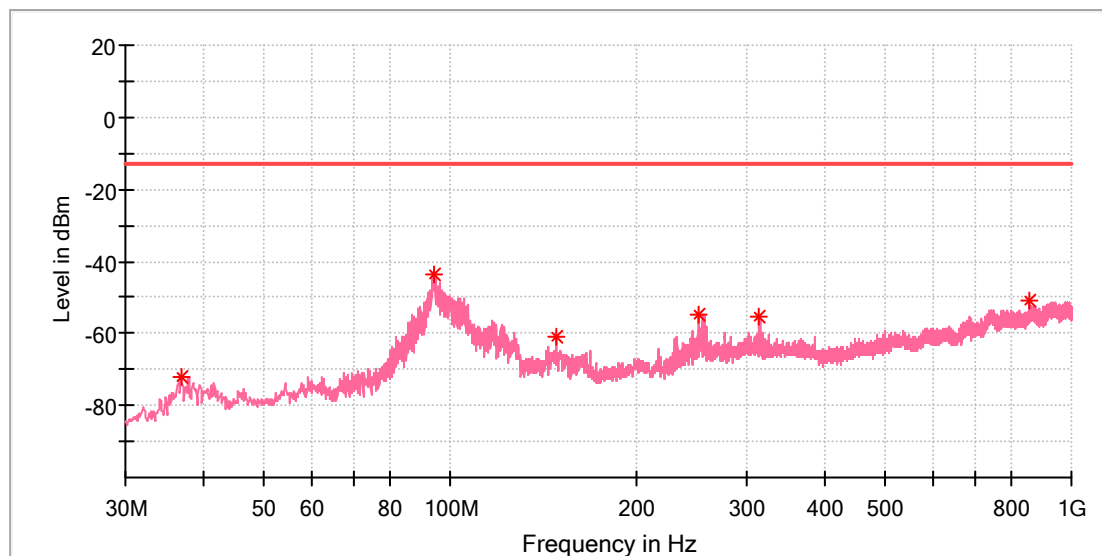


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
41.033750	-63.65	-13.00	50.65	100.0	H	38.0	-112.5
88.078750	-65.91	-13.00	52.91	100.0	H	258.0	-123.0
167.982500	-57.37	-13.00	44.37	100.0	H	87.0	-121.8
251.281250	-54.39	-13.00	41.39	100.0	H	242.0	-110.3
626.186250	-55.59	-13.00	42.59	100.0	H	128.0	-105.1
995.271250	-49.35	-13.00	36.35	100.0	H	111.0	-99.0

EUT Information

EUT Name: Lymow One
Model: Lymow One
Test Mode: LTE Band 2_1.4M_QPSK_Mid channel
Order No/Sample No: 168557586/A004000487-001
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 24
Tested By: Kei Zhang
Reviewed By: Terry Yin

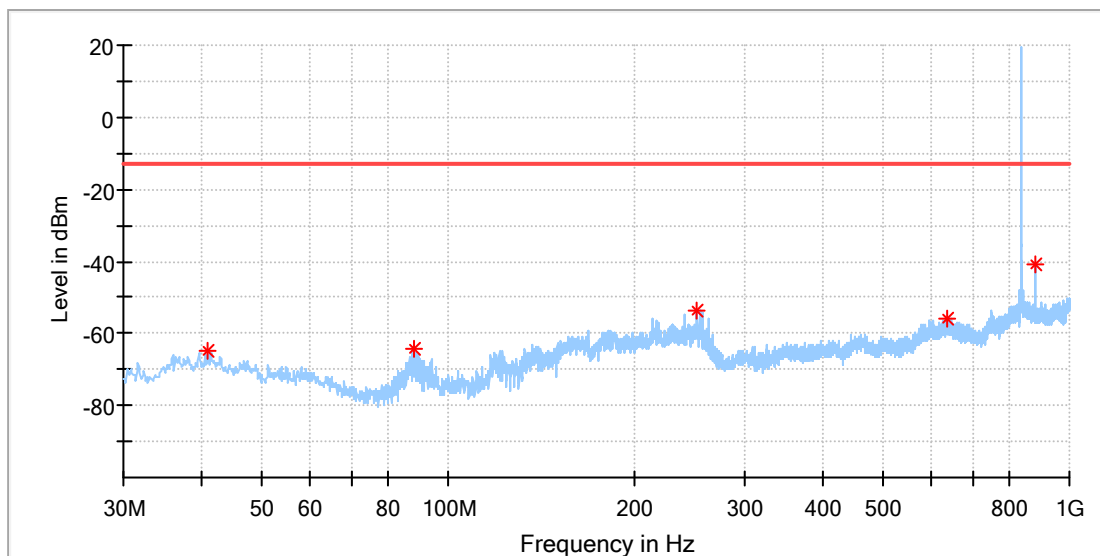


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.911250	-72.19	-13.00	59.19	100.0	V	203.0	-125.6
93.898750	-43.82	-13.00	30.82	100.0	V	331.0	-100.3
148.461250	-60.83	-13.00	47.83	100.0	V	279.0	-120.4
251.281250	-54.98	-13.00	41.98	100.0	V	174.0	-114.5
314.937500	-55.23	-13.00	42.23	100.0	V	203.0	-111.3
858.137500	-51.10	-13.00	38.10	100.0	V	46.0	-100.8

EUT Information

EUT Name: Lymow One
Model: Lymow One
Test Mode: LTE Band 5_1.4M_QPSK_Mid channel
Order No/Sample No: 168557586/A004000487-001
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 22
Tested By: Kei Zhang
Reviewed By: Terry Yin

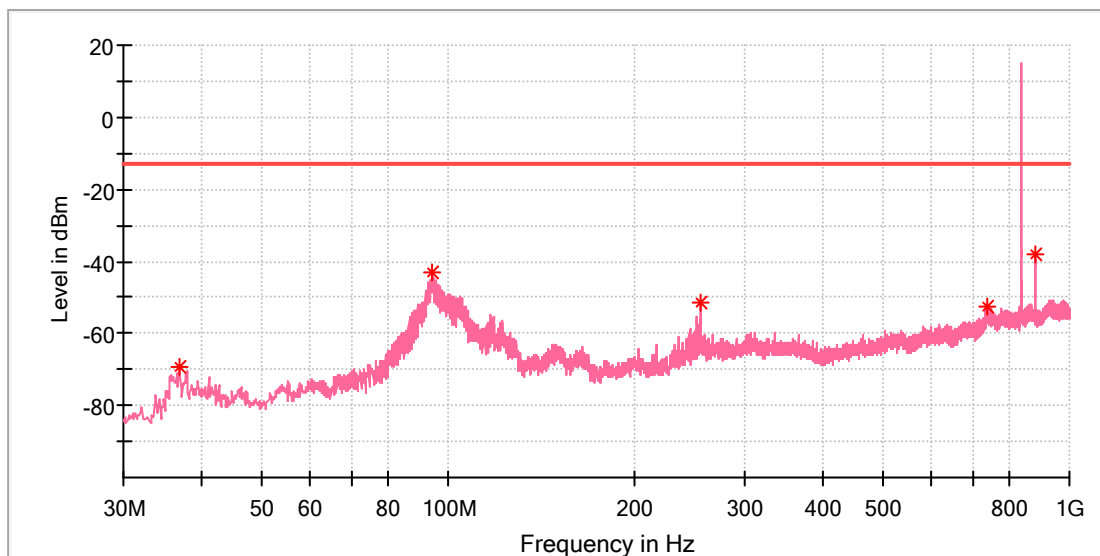


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
41.033750	-64.90	-13.00	51.90	100.0	H	301.0	-112.5
88.078750	-64.19	-13.00	51.19	100.0	H	225.0	-123.0
251.160000	-53.63	-13.00	40.63	100.0	H	134.0	-110.3
633.703750	-55.77	-13.00	42.77	100.0	H	57.0	-104.7
881.053750	-40.72	-13.00	27.72	100.0	H	326.0	-102.0

EUT Information

EUT Name: Lymow One
Model: Lymow One
Test Mode: LTE Band 5_1.4M_QPSK_Mid channel
Order No/Sample No: 168557586/A004000487-001
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 22
Tested By: Kei Zhang
Reviewed By: Terry Yin

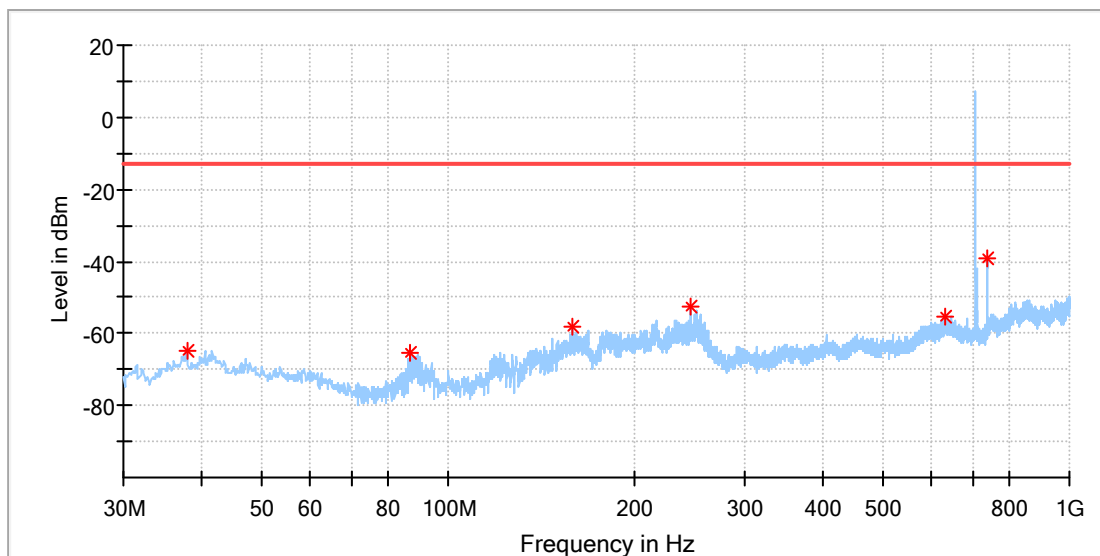


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.911250	-69.52	-13.00	56.52	100.0	V	10.0	-125.6
94.505000	-43.31	-13.00	30.31	100.0	V	10.0	-99.7
255.525000	-51.56	-13.00	38.56	100.0	V	154.0	-114.2
737.008750	-52.79	-13.00	39.79	100.0	V	169.0	-101.9
881.053750	-37.99	-13.00	24.99	100.0	V	252.0	-102.3

EUT Information

EUT Name: Lymow One
Model: Lymow One
Test Mode: LTE Band 12_1.4M_QPSK_Mid channel
Order No/Sample No: 168557586/A004000487-001
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 27
Tested By: Kei Zhang
Reviewed By: Terry Yin

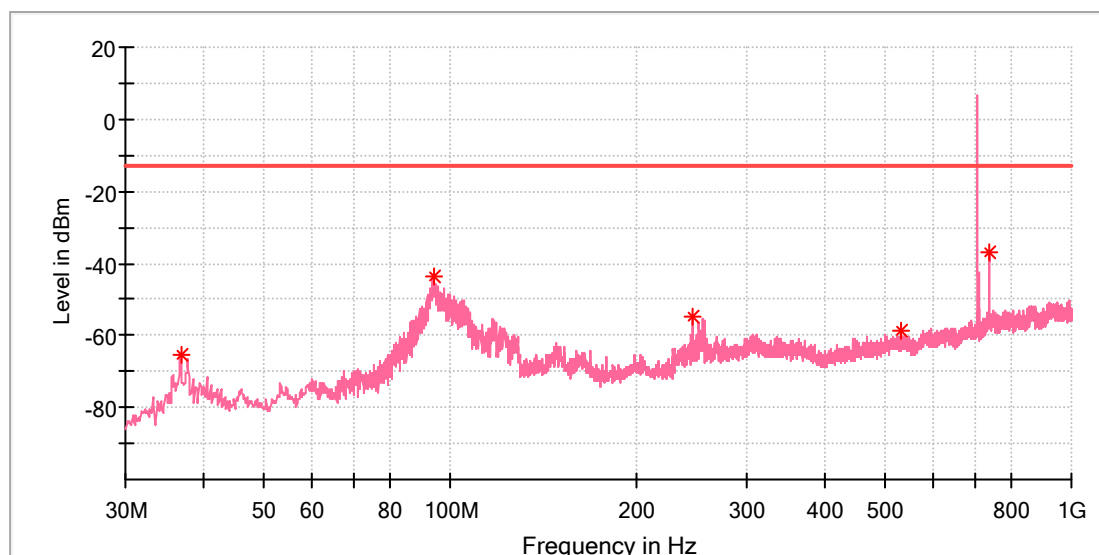


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
38.002500	-64.66	-13.00	51.66	100.0	H	170.0	-114.3
87.108750	-65.49	-13.00	52.49	100.0	H	242.0	-123.4
158.282500	-58.29	-13.00	45.29	100.0	H	97.0	-123.0
244.976250	-52.43	-13.00	39.43	100.0	H	85.0	-110.0
630.915000	-55.29	-13.00	42.29	100.0	H	179.0	-104.8
737.251250	-39.23	-13.00	26.23	100.0	H	253.0	-105.1

EUT Information

EUT Name:	Lymow One
Model:	Lymow One
Test Mode:	LTE Band 12_1.4M_QPSK_Mid channel
Order No/Sample No:	168557586/A004000487-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

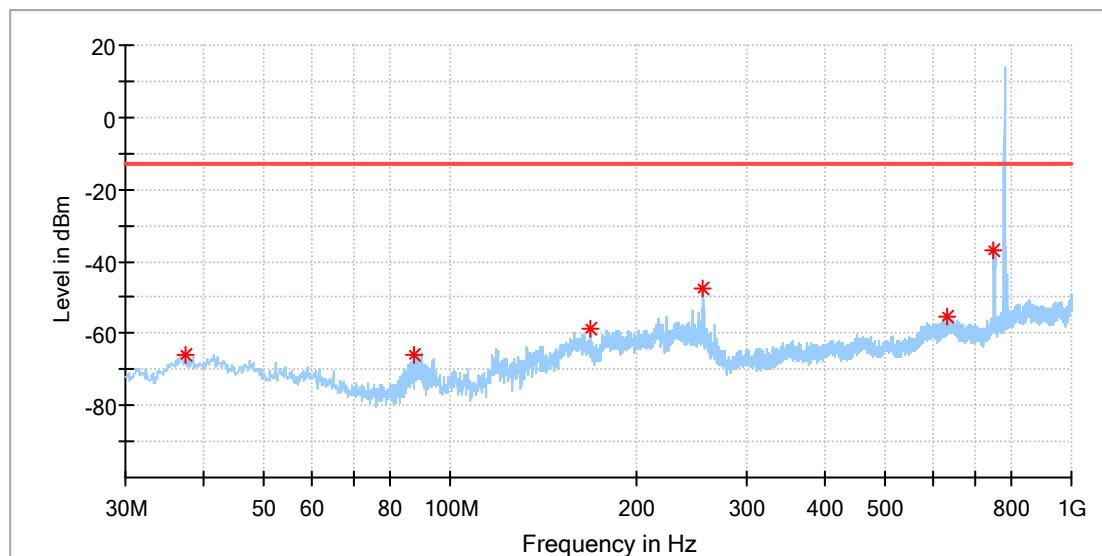


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.911250	-65.27	-13.00	52.27	100.0	V	29.0	-125.6
93.898750	-43.83	-13.00	30.83	100.0	V	313.0	-100.3
246.067500	-54.88	-13.00	41.88	100.0	V	171.0	-115.4
530.762500	-58.86	-13.00	45.86	100.0	V	303.0	-107.7
737.251250	-36.98	-13.00	23.98	100.0	V	253.0	-101.9

EUT Information

EUT Name: Lymow One
Model: Lymow One
Test Mode: LTE Band 13_5M_QPSK_Mid channel
Order No/Sample No: 168557586/A004000487-001
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 27
Tested By: Kei Zhang
Reviewed By: Terry Yin

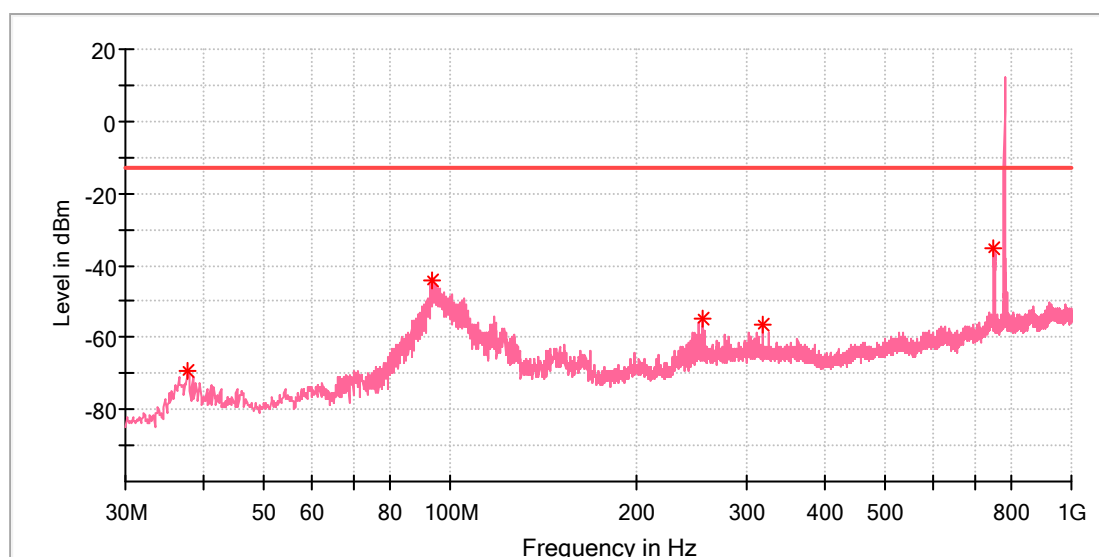


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
37.396250	-66.11	-13.00	53.11	100.0	H	0.0	-113.8
87.472500	-65.77	-13.00	52.77	100.0	H	271.0	-123.2
167.982500	-58.54	-13.00	45.54	100.0	H	315.0	-121.8
255.767500	-47.56	-13.00	34.56	100.0	H	242.0	-111.2
630.915000	-55.50	-13.00	42.50	100.0	H	97.0	-104.8
749.982500	-36.93	-13.00	23.93	100.0	H	261.0	-103.4

EUT Information

EUT Name:	Lymow One
Model:	Lymow One
Test Mode:	LTE Band 13_5M_QPSK_Mid channel
Order No/Sample No:	168557586/A004000487-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

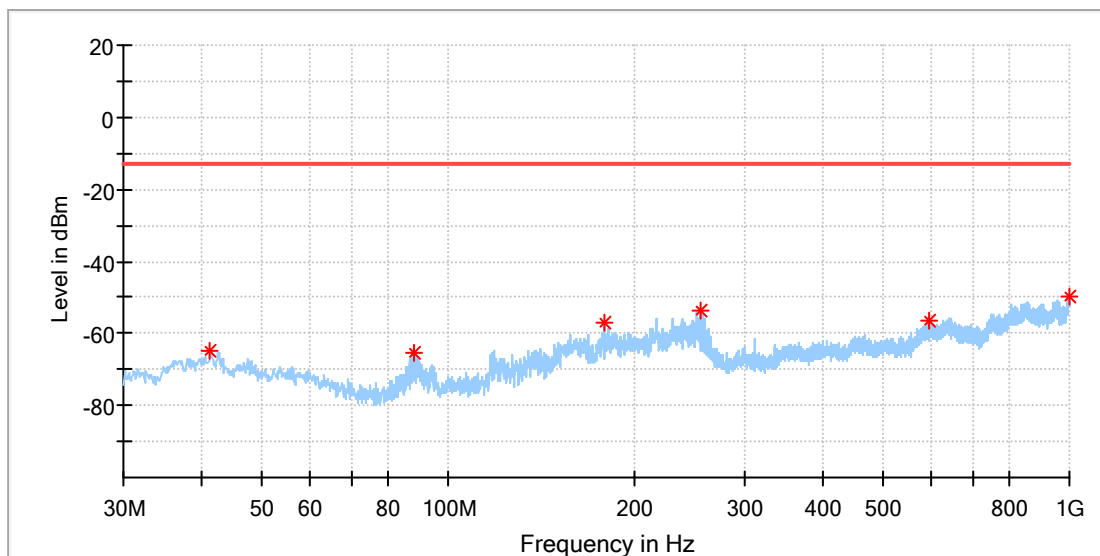


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
37.881250	-69.29	-13.00	56.29	100.0	V	290.0	-126.3
93.777500	-44.02	-13.00	31.02	100.0	V	0.0	-100.5
254.555000	-54.91	-13.00	41.91	100.0	V	188.0	-114.2
318.332500	-56.61	-13.00	43.61	100.0	V	150.0	-111.5
750.225000	-35.36	-13.00	22.36	100.0	V	281.0	-102.2

EUT Information

EUT Name:	Lymow One
Model:	Lymow One
Test Mode:	LTE Band 66_1.4M_QPSK_Mid channel
Order No/Sample No:	168557586/A004000487-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

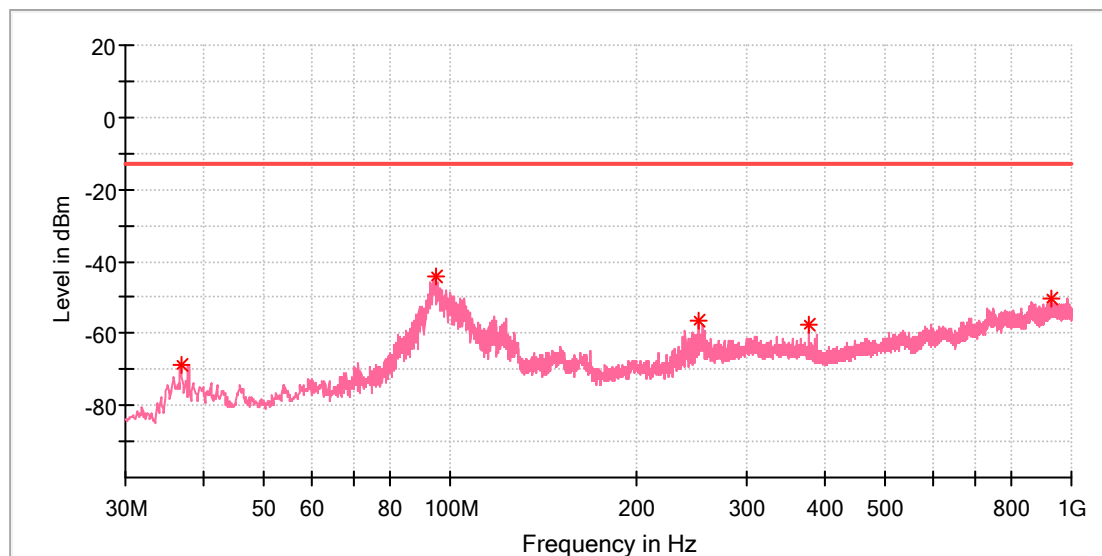


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
41.397500	-64.61	-13.00	51.61	100.0	H	218.0	-112.4
87.957500	-65.64	-13.00	52.64	100.0	H	90.0	-123.0
178.531250	-57.25	-13.00	44.25	100.0	H	228.0	-118.5
254.433750	-53.53	-13.00	40.53	100.0	H	232.0	-110.9
592.842500	-56.40	-13.00	43.40	100.0	H	213.0	-105.6
999.030000	-49.60	-13.00	36.60	100.0	H	331.0	-97.9

EUT Information

EUT Name:	Lymow One
Model:	Lymow One
Test Mode:	LTE Band 66_1.4M_QPSK_Mid channel
Order No/Sample No:	168557586/A004000487-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

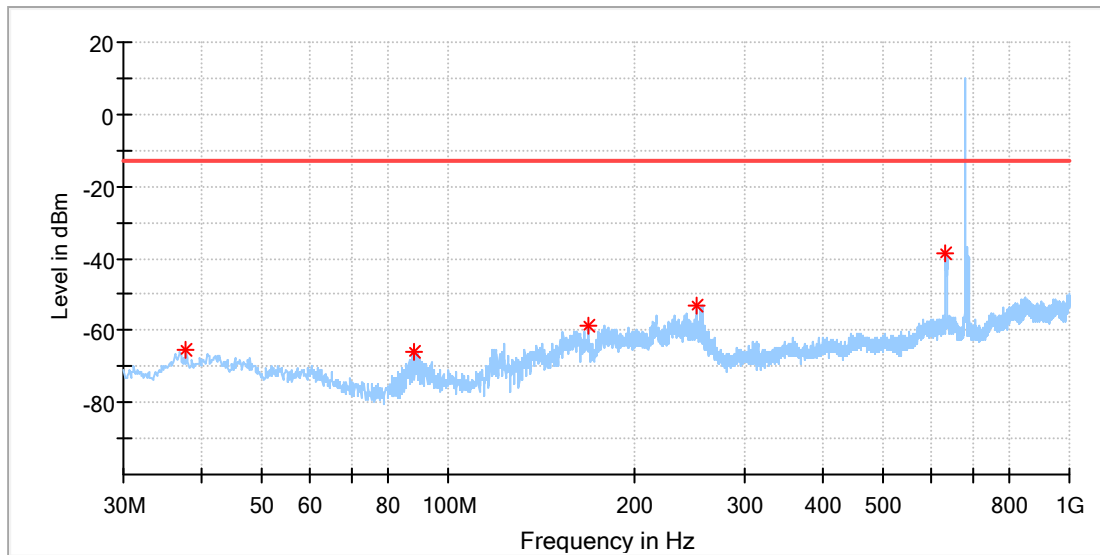


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.911250	-68.69	-13.00	55.69	100.0	V	151.0	-125.6
94.990000	-43.96	-13.00	30.96	100.0	V	138.0	-99.8
251.281250	-56.59	-13.00	43.59	100.0	V	146.0	-114.5
377.987500	-57.50	-13.00	44.50	100.0	V	237.0	-111.0
925.916250	-50.12	-13.00	37.12	100.0	V	155.0	-100.0

EUT Information

EUT Name:	Lymow One
Model:	Lymow One
Test Mode:	LTE Band 71_5M_QPSK_Mid channel
Order No/Sample No:	168557586/A004000487-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

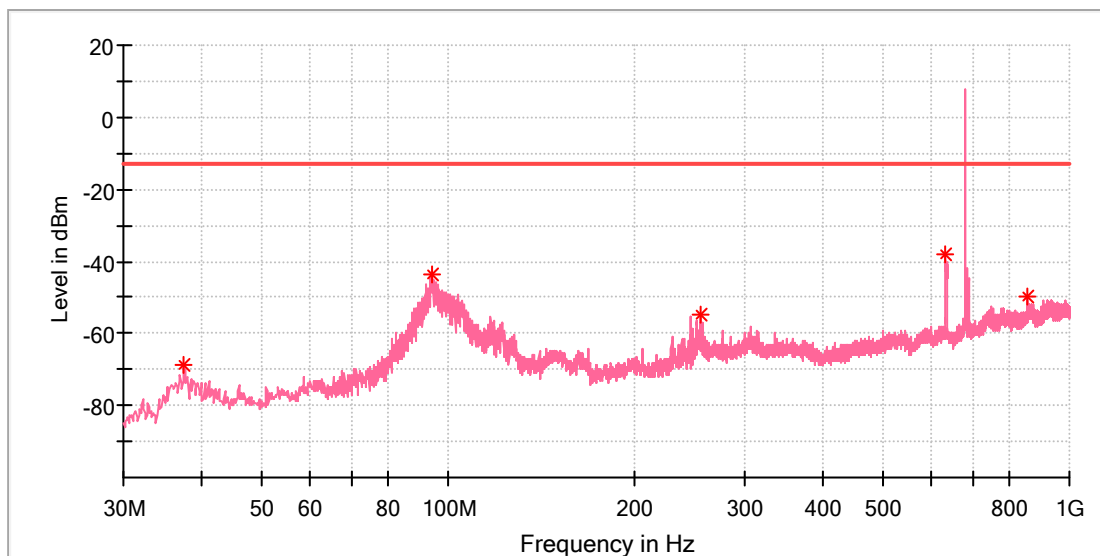


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
37.881250	-65.33	-13.00	52.33	100.0	H	299.0	-114.2
88.078750	-65.84	-13.00	52.84	100.0	H	49.0	-123.0
167.982500	-58.54	-13.00	45.54	100.0	H	299.0	-121.8
251.281250	-53.00	-13.00	40.00	100.0	H	146.0	-110.3
632.612500	-38.88	-13.00	25.88	100.0	H	267.0	-104.7

EUT Information

EUT Name:	Lymow One
Model:	Lymow One
Test Mode:	LTE Band 71_5M_QPSK_Mid channel
Order No/Sample No:	168557586/A004000487-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



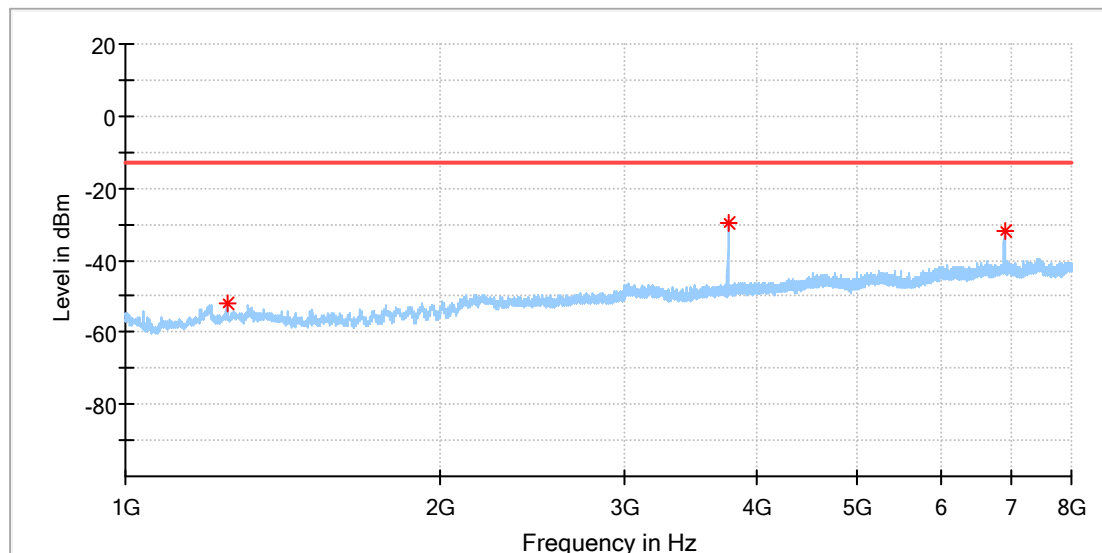
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
37.517500	-69.02	-13.00	56.02	100.0	V	13.0	-126.0
93.898750	-43.37	-13.00	30.37	100.0	V	307.0	-100.3
254.676250	-54.67	-13.00	41.67	100.0	V	165.0	-114.2
632.612500	-38.02	-13.00	25.02	100.0	V	237.0	-106.6
858.501250	-49.74	-13.00	36.74	100.0	V	257.0	-100.8

Above 1GHz

EUT Information

EUT Name:	Lymow One
Model:	Lymow One
Test Mode:	LTE Band 2_1.4M_QPSK_Mid channel
Order No/Sample No:	168557586/A004000487-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

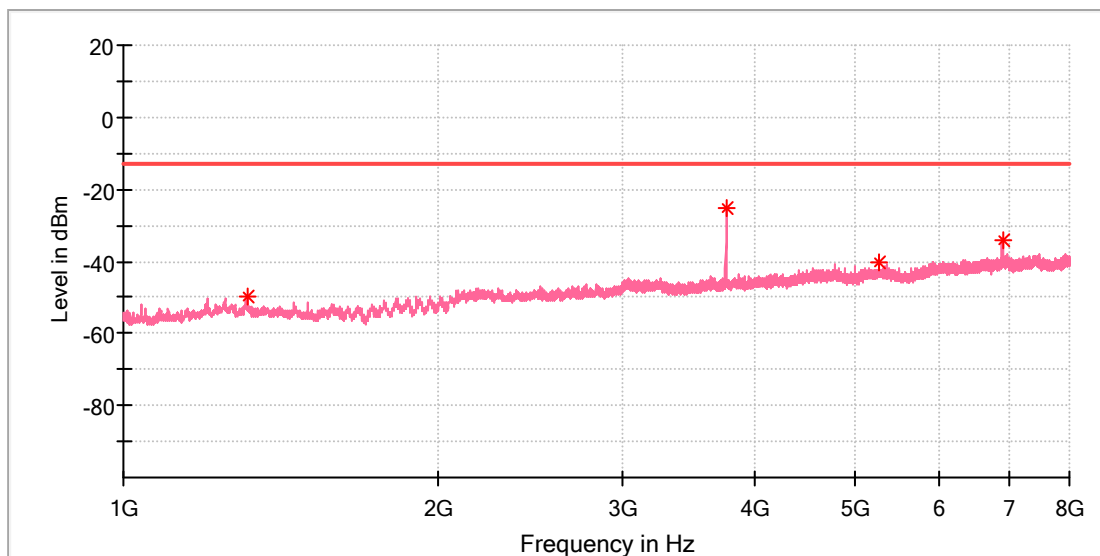


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1249.500000	-51.82	-13.00	38.82	150.0	H	312.0	-92.9
3759.500000	-29.77	-13.00	16.77	150.0	H	348.0	-85.4
6903.000000	-32.17	-13.00	19.17	150.0	H	321.0	-79.0

EUT Information

EUT Name:	Lymow One
Model:	Lymow One
Test Mode:	LTE Band 2_1.4M_QPSK_Mid channel
Order No/Sample No:	168557586/A004000487-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

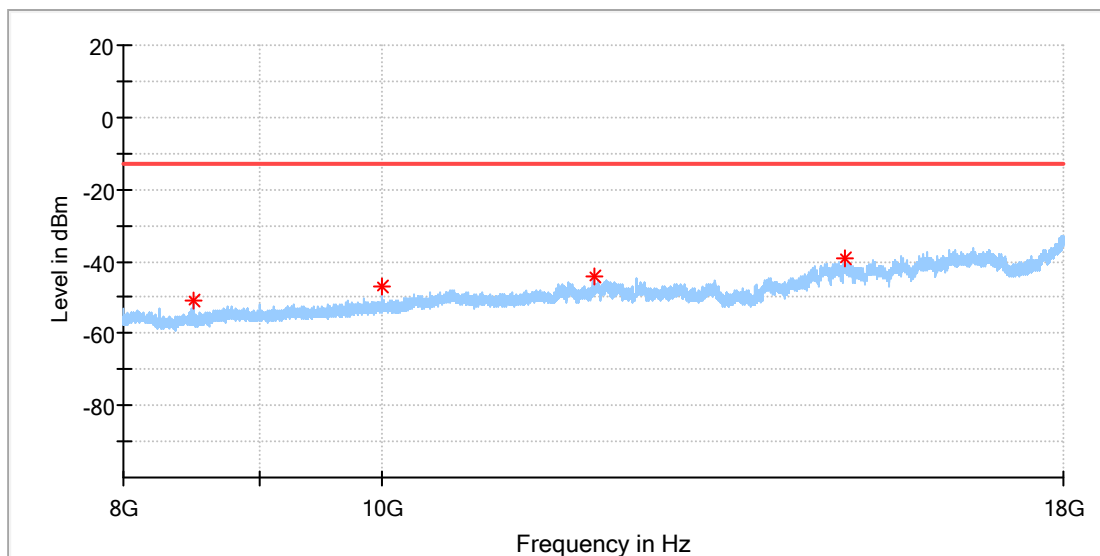


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1312.500000	-49.88	-13.00	36.88	150.0	V	280.0	-90.5
3759.000000	-25.12	-13.00	12.12	150.0	V	149.0	-83.1
5270.000000	-40.07	-13.00	27.07	150.0	V	11.0	-79.8
6902.500000	-33.87	-13.00	20.87	150.0	V	0.0	-77.1

EUT Information

EUT Name: Lymow One
Model: Lymow One
Test Mode: LTE Band 2_1.4M_QPSK_Mid channel
Order No/Sample No: 168557586/A004000487-001
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 24
Tested By: Kei Zhang
Reviewed By: Terry Yin

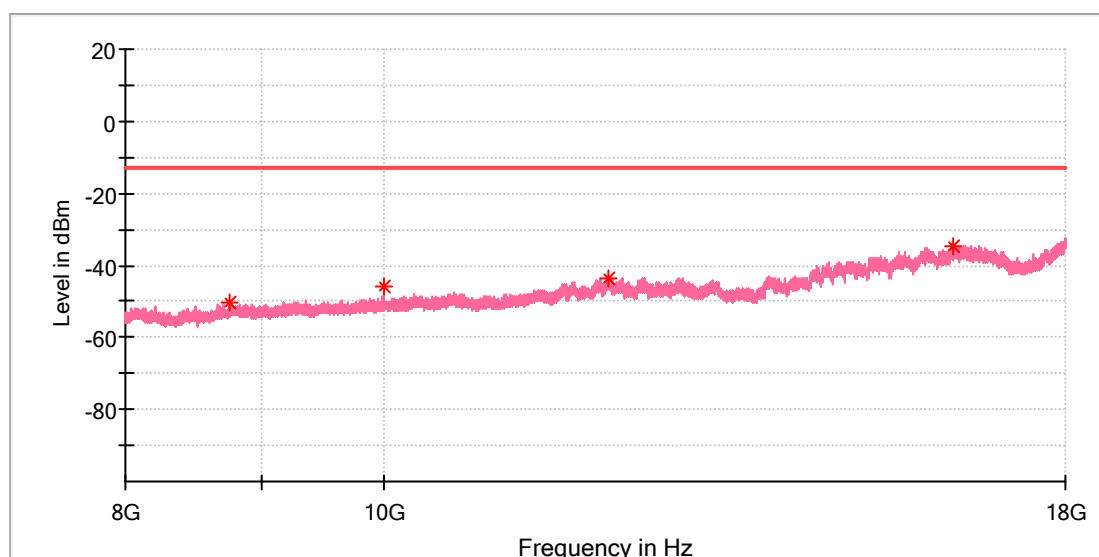


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
8499.500000	-50.99	-13.00	37.99	150.0	H	279.0	-89.1
9999.500000	-47.01	-13.00	34.01	150.0	H	262.0	-85.0
12000.000000	-43.95	-13.00	30.95	150.0	H	94.0	-80.7
14911.500000	-39.11	-13.00	26.11	150.0	H	88.0	-75.7

EUT Information

EUT Name:	Lymow One
Model:	Lymow One
Test Mode:	LTE Band 2_1.4M_QPSK_Mid channel
Order No/Sample No:	168557586/A004000487-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

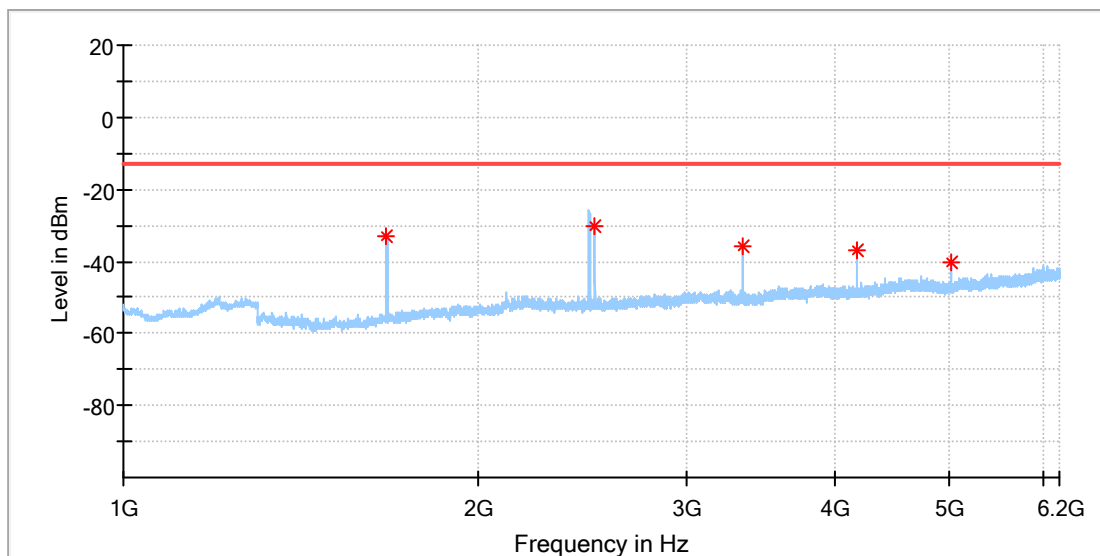


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
8752.000000	-50.09	-13.00	37.09	150.0	V	80.0	-84.9
10000.000000	-46.14	-13.00	33.14	150.0	V	294.0	-83.5
12142.000000	-43.71	-13.00	30.71	150.0	V	97.0	-77.8
16337.500000	-34.94	-13.00	21.94	150.0	V	57.0	-70.5

EUT Information

EUT Name: Lymow One
Model: Lymow One
Test Mode: LTE Band 5_1.4M_QPSK_Mid channel
Order No/Sample No: 168557586/A004000487-001
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 22
Tested By: Kei Zhang
Reviewed By: Terry Yin

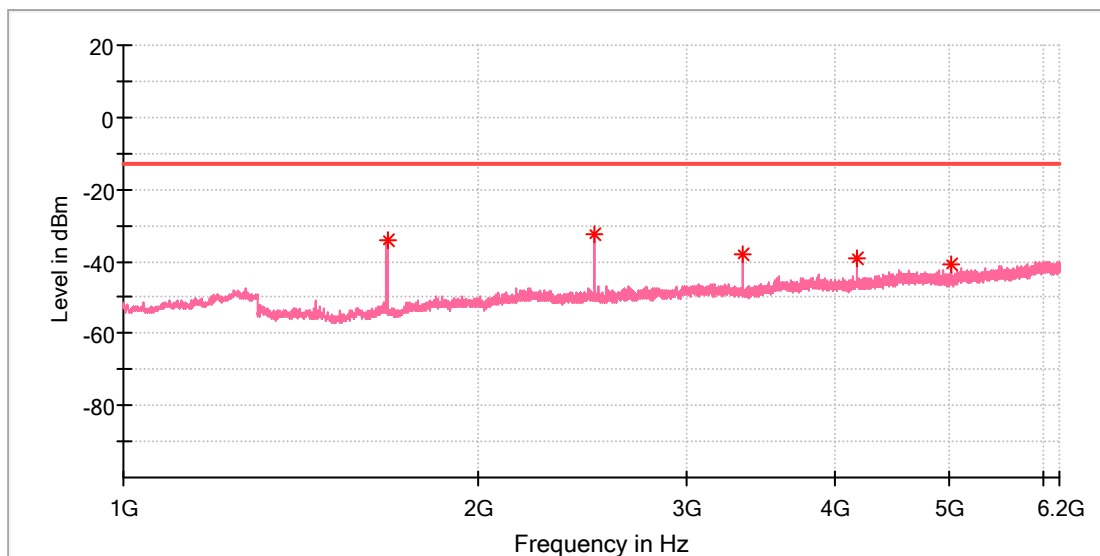


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1671.500000	-33.17	-13.00	20.17	150.0	H	97.0	-92.5
2507.500000	-29.98	-13.00	16.98	150.0	H	138.0	-88.6
3344.500000	-35.77	-13.00	22.77	150.0	H	63.0	-87.4
4180.500000	-36.87	-13.00	23.87	150.0	H	138.0	-85.7
5016.500000	-40.47	-13.00	27.47	150.0	H	121.0	-84.1

EUT Information

EUT Name: Lymow One
Model: Lymow One
Test Mode: LTE Band 5_1.4M_QPSK_Mid channel
Order No/Sample No: 168557586/A004000487-001
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 22
Tested By: Kei Zhang
Reviewed By: Terry Yin

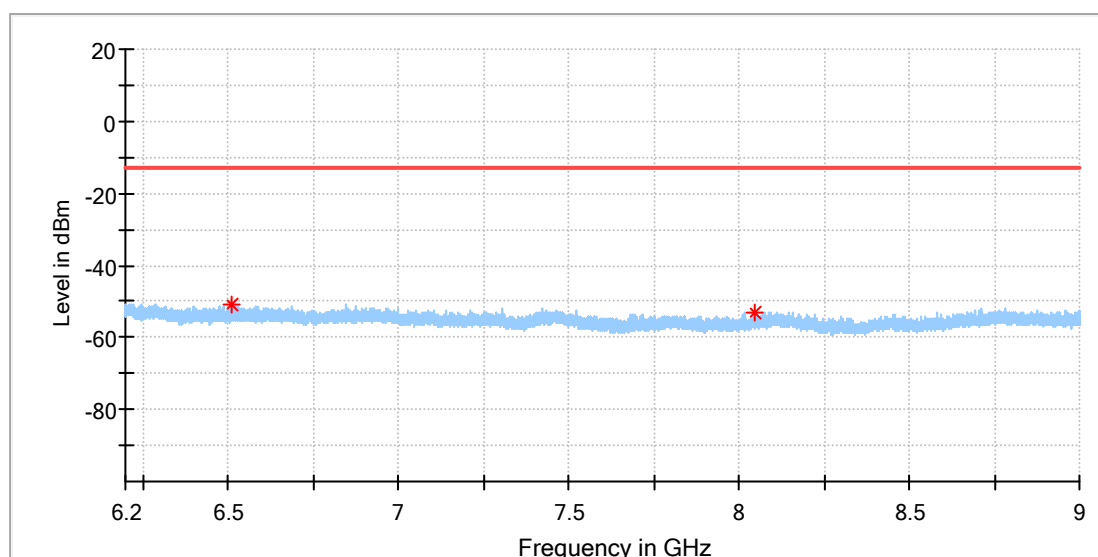


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1672.000000	-34.32	-13.00	21.32	150.0	V	183.0	-90.5
2507.500000	-32.20	-13.00	19.20	150.0	V	332.0	-86.5
3344.000000	-37.84	-13.00	24.84	150.0	V	285.0	-85.5
4180.000000	-39.06	-13.00	26.06	150.0	V	177.0	-83.4
5016.500000	-41.07	-13.00	28.07	150.0	V	285.0	-82.2

EUT Information

EUT Name:	Lymow One
Model:	Lymow One
Test Mode:	LTE Band 5_1.4M_QPSK_Mid channel
Order No/Sample No:	168557586/A004000487-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

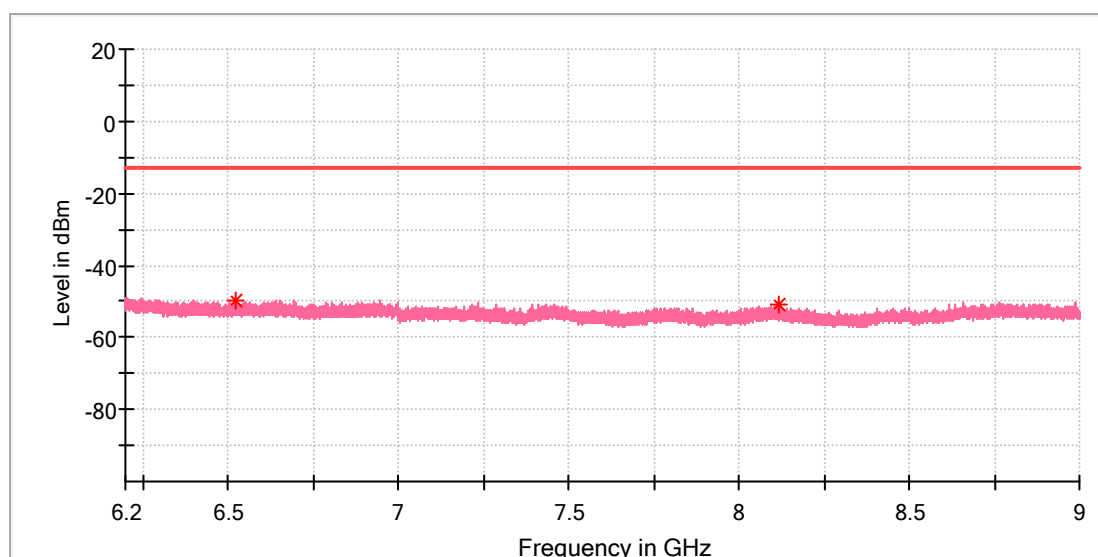


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6511.383333	-51.12	-13.00	38.12	150.0	H	166.0	-88.6
8046.483333	-53.07	-13.00	40.07	150.0	H	21.0	-88.7

EUT Information

EUT Name:	Lymow One
Model:	Lymow One
Test Mode:	LTE Band 5_1.4M_QPSK_Mid channel
Order No/Sample No:	168557586/A004000487-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

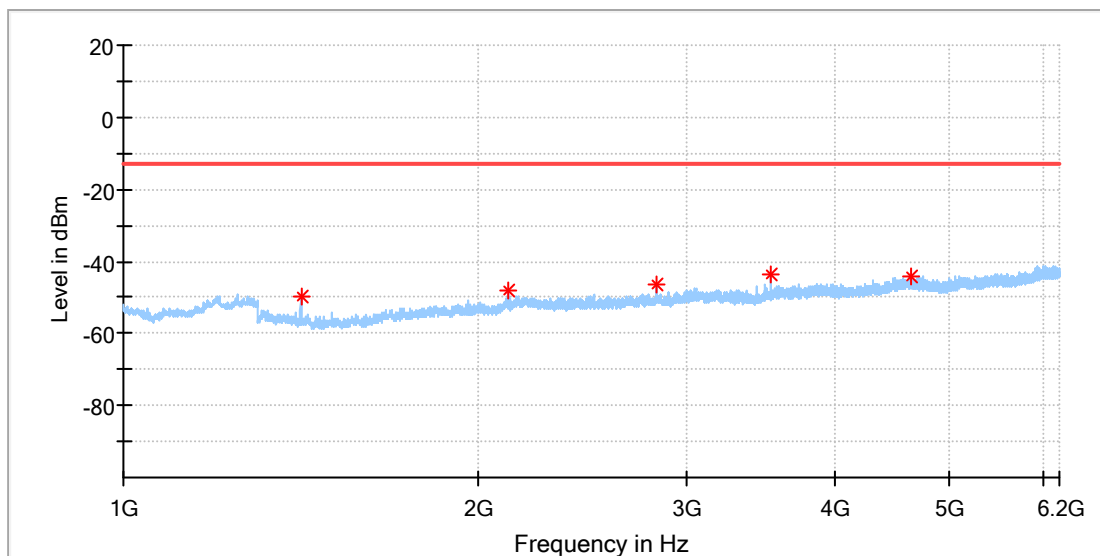


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6522.816667	-49.59	-13.00	36.59	150.0	V	185.0	-86.8
8119.633333	-51.14	-13.00	38.14	150.0	V	0.0	-86.5

EUT Information

EUT Name:	Lymow One
Model:	Lymow One
Test Mode:	LTE Band 12_1.4M_QPSK_Mid channel
Order No/Sample No:	168557586/A004000487-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

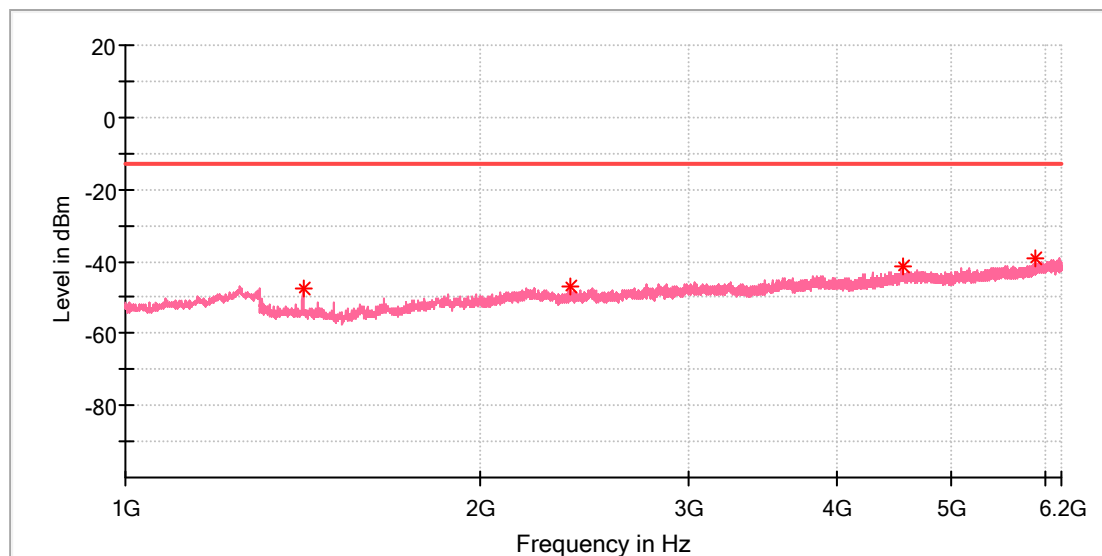


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1413.500000	-49.75	-13.00	36.75	150.0	H	227.0	-93.8
2120.500000	-47.83	-13.00	34.83	150.0	H	60.0	-88.6
2828.000000	-46.50	-13.00	33.50	150.0	H	167.0	-87.7
3535.000000	-43.50	-13.00	30.50	150.0	H	84.0	-86.9
4639.500000	-43.97	-13.00	30.97	150.0	H	1.0	-83.5

EUT Information

EUT Name: Lymow One
Model: Lymow One
Test Mode: LTE Band 12_1.4M_QPSK_Mid channel
Order No/Sample No: 168557586/A004000487-001
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 27
Tested By: Kei Zhang
Reviewed By: Terry Yin

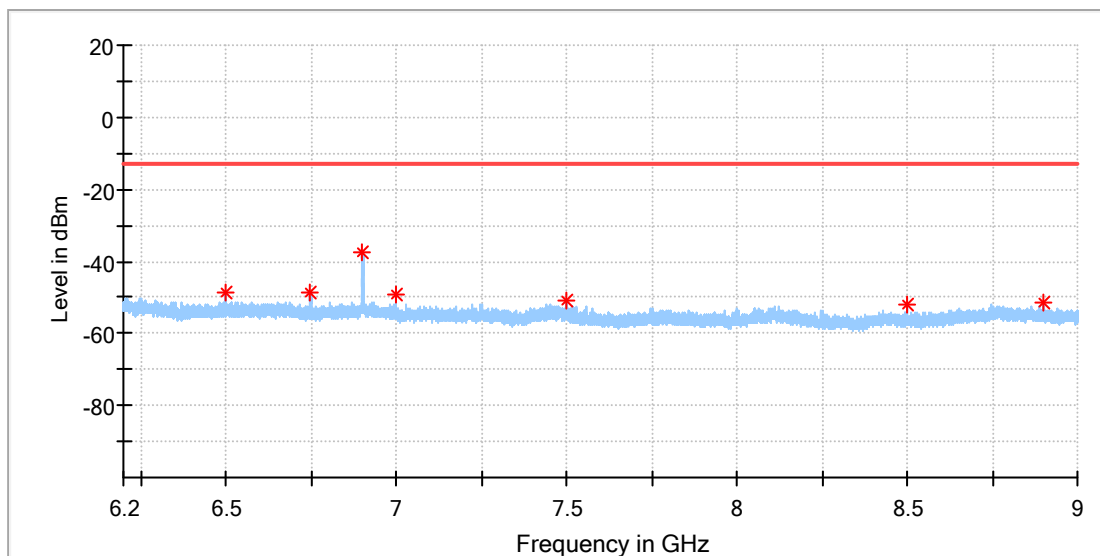


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1413.500000	-47.44	-13.00	34.44	150.0	V	277.0	-91.5
2384.500000	-46.92	-13.00	33.92	150.0	V	78.0	-86.3
4560.000000	-41.62	-13.00	28.62	150.0	V	169.0	-81.6
5894.000000	-39.33	-13.00	26.33	150.0	V	206.0	-79.6

EUT Information

EUT Name: Lymow One
Model: Lymow One
Test Mode: LTE Band 12_1.4M_QPSK_Mid channel
Order No/Sample No: 168557586/A004000487-001
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 27
Tested By: Kei Zhang
Reviewed By: Terry Yin

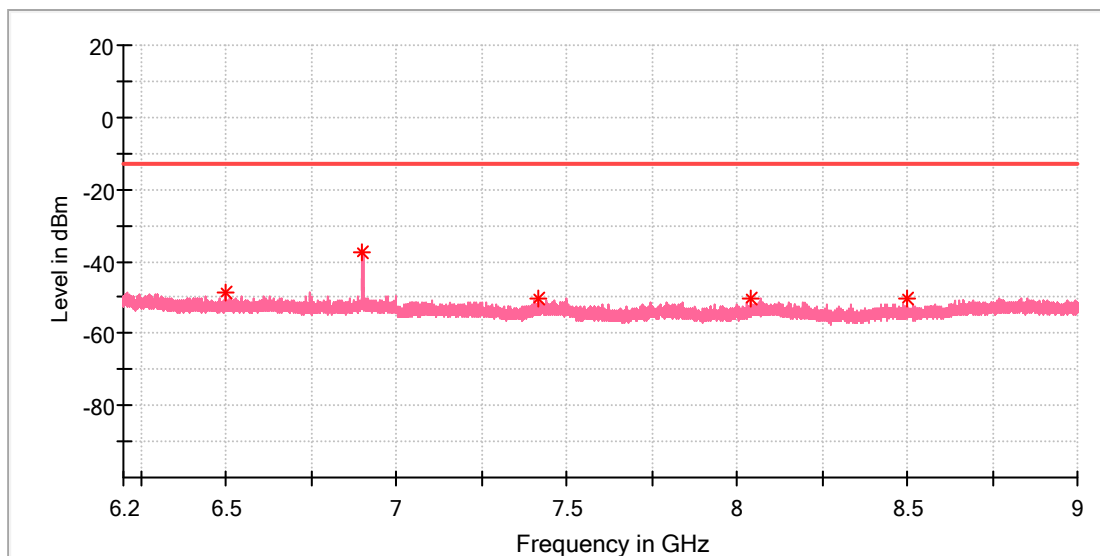


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6499.716667	-48.80	-13.00	35.80	150.0	H	94.0	-88.6
6749.733333	-48.74	-13.00	35.74	150.0	H	295.0	-89.6
6902.333333	-37.70	-13.00	24.70	150.0	H	230.0	-88.8
7000.216667	-49.16	-13.00	36.16	150.0	H	101.0	-88.8
7499.550000	-50.78	-13.00	37.78	150.0	H	94.0	-88.3
8499.966667	-51.99	-13.00	38.99	150.0	H	101.0	-89.1
8902.350000	-51.69	-13.00	38.69	150.0	H	37.0	-87.2

EUT Information

EUT Name:	Lymow One
Model:	Lymow One
Test Mode:	LTE Band 12_1.4M_QPSK_Mid channel
Order No/Sample No:	168557586/A004000487-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

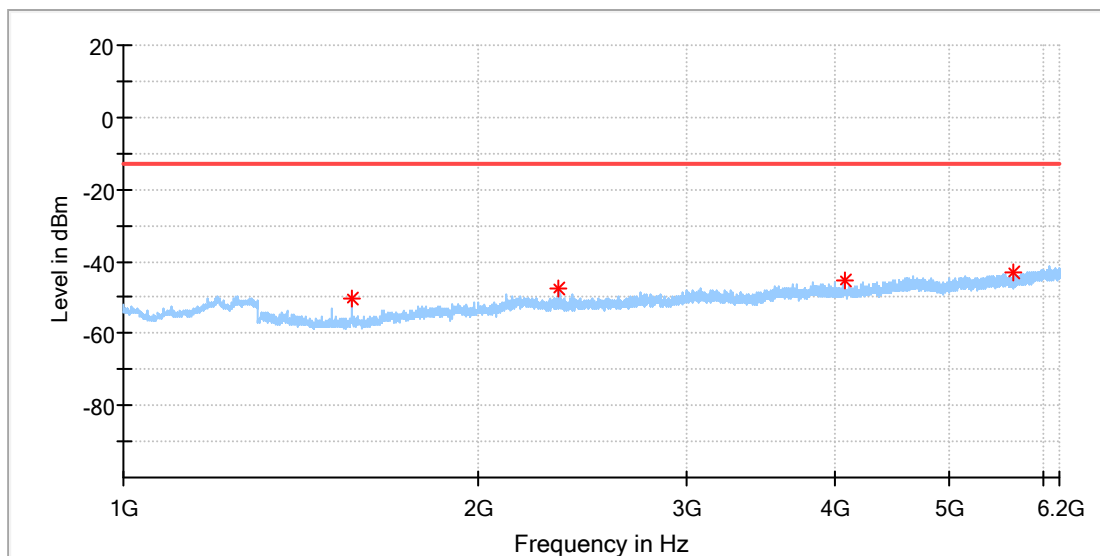


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6499.950000	-48.58	-13.00	35.58	150.0	V	289.0	-86.9
6902.100000	-37.57	-13.00	24.57	150.0	V	0.0	-87.0
7419.400000	-50.46	-13.00	37.46	150.0	V	117.0	-86.6
8041.700000	-50.49	-13.00	37.49	150.0	V	0.0	-86.7
8500.083333	-50.50	-13.00	37.50	150.0	V	0.0	-87.0

EUT Information

EUT Name:	Lymow One
Model:	Lymow One
Test Mode:	LTE Band 13_5M_QPSK_Mid channel
Order No/Sample No:	168557586/A004000487-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

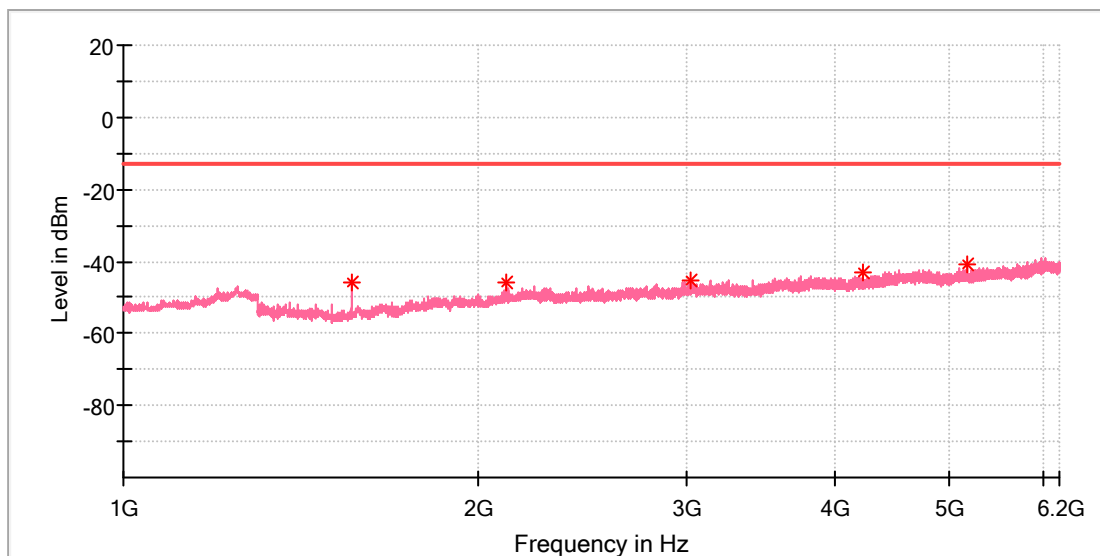


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1559.000000	-50.29	-13.00	37.29	150.0	H	137.0	-93.5
2339.000000	-47.74	-13.00	34.74	150.0	H	156.0	-88.3
4087.000000	-45.40	-13.00	32.40	150.0	H	61.0	-85.6
5665.500000	-43.04	-13.00	30.04	150.0	H	193.0	-82.5

EUT Information

EUT Name: Lymow One
Model: Lymow One
Test Mode: LTE Band 13_5M_QPSK_Mid channel
Order No/Sample No: 168557586/A004000487-001
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 27
Tested By: Kei Zhang
Reviewed By: Terry Yin

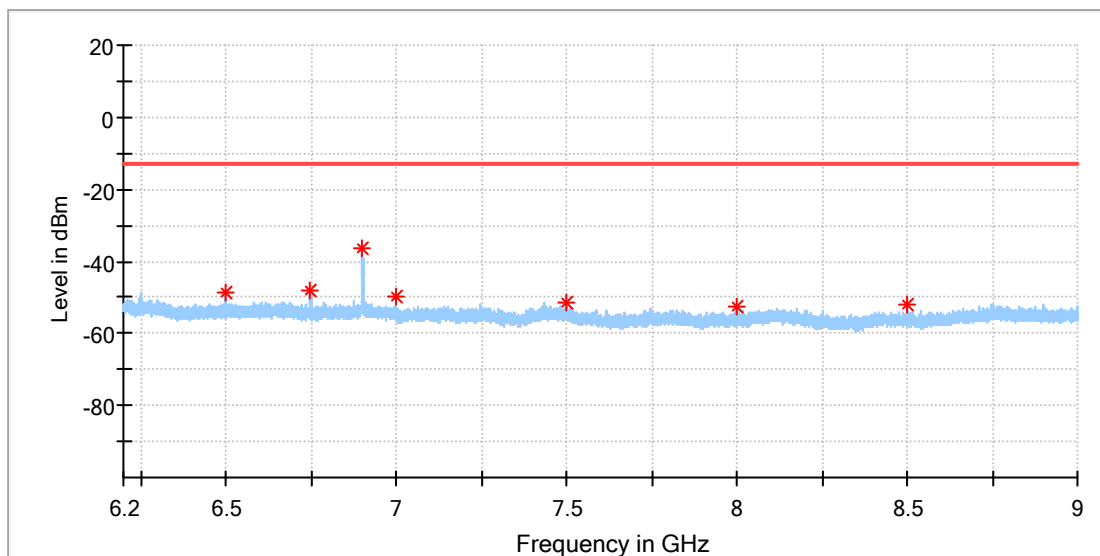


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1559.500000	-45.89	-13.00	32.89	150.0	V	168.0	-91.7
2112.000000	-45.83	-13.00	32.83	150.0	V	272.0	-86.6
3023.000000	-45.33	-13.00	32.33	150.0	V	5.0	-84.9
4224.500000	-42.90	-13.00	29.90	150.0	V	27.0	-83.5
5176.000000	-41.09	-13.00	28.09	150.0	V	90.0	-81.3

EUT Information

EUT Name:	Lymow One
Model:	Lymow One
Test Mode:	LTE Band 13_5M_QPSK_Mid channel
Order No/Sample No:	168557586/A004000487-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

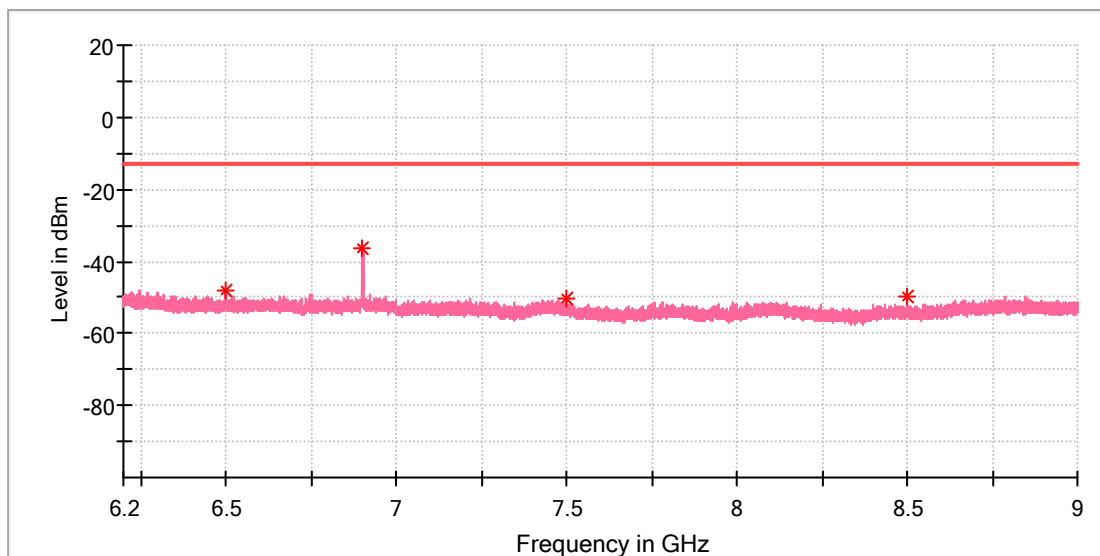


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6499.950000	-48.93	-13.00	35.93	150.0	H	29.0	-88.6
6749.733333	-47.83	-13.00	34.83	150.0	H	315.0	-89.6
6901.633333	-36.63	-13.00	23.63	150.0	H	345.0	-88.8
6999.633333	-49.83	-13.00	36.83	150.0	H	106.0	-88.8
7499.783333	-51.29	-13.00	38.29	150.0	H	337.0	-88.3
8000.050000	-52.67	-13.00	39.67	150.0	H	288.0	-89.0
8500.200000	-52.15	-13.00	39.15	150.0	H	86.0	-89.1

EUT Information

EUT Name:	Lymow One
Model:	Lymow One
Test Mode:	LTE Band 13_5M_QPSK_Mid channel
Order No/Sample No:	168557586/A004000487-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

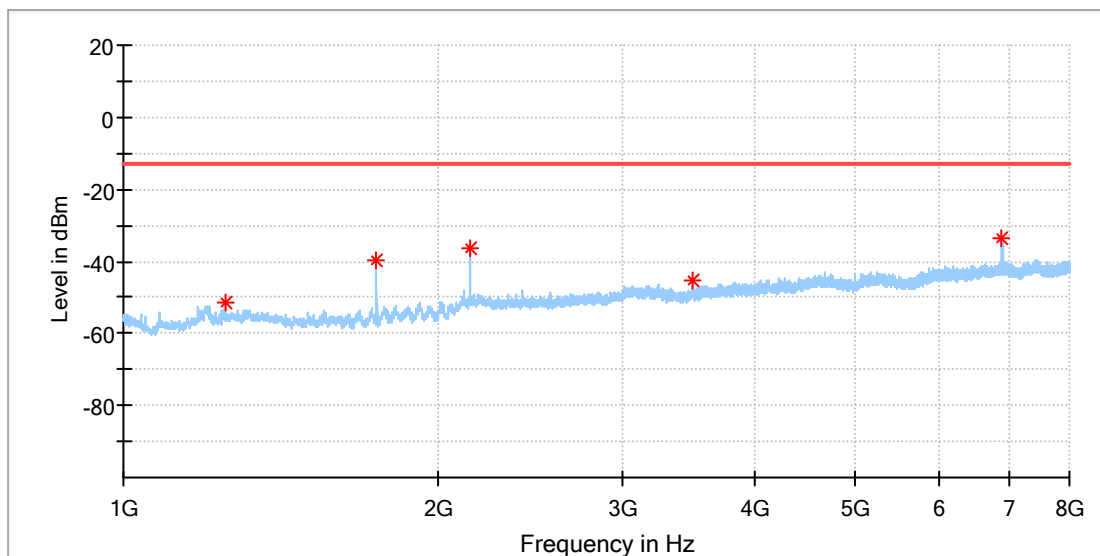


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6499.600000	-48.30	-13.00	35.30	150.0	V	339.0	-86.9
6902.100000	-36.14	-13.00	23.14	150.0	V	0.0	-87.0
7500.016667	-50.31	-13.00	37.31	150.0	V	40.0	-86.6
8499.966667	-49.91	-13.00	36.91	150.0	V	0.0	-87.0

EUT Information

EUT Name: Lymow One
Model: Lymow One
Test Mode: LTE Band 66_1.4M_QPSK_Mid channel
Order No/Sample No: 168557586/A004000487-001
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 27
Tested By: Kei Zhang
Reviewed By: Terry Yin

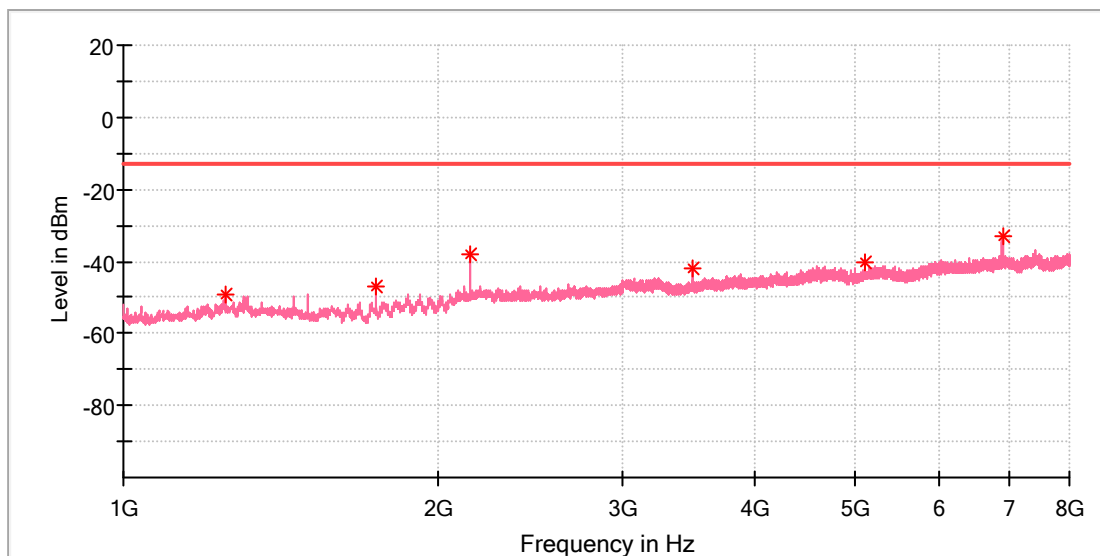


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1249.500000	-51.31	-13.00	38.31	150.0	H	323.0	-92.9
1744.500000	-39.87	-13.00	26.87	150.0	H	90.0	-91.9
2145.000000	-36.62	-13.00	23.62	150.0	H	323.0	-88.2
3489.000000	-45.05	-13.00	32.05	150.0	H	177.0	-86.3
6902.000000	-33.44	-13.00	20.44	150.0	H	319.0	-79.0

EUT Information

EUT Name: Lymow One
Model: Lymow One
Test Mode: LTE Band 66_1.4M_QPSK_Mid channel
Order No/Sample No: 168557586/A004000487-001
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 27
Tested By: Kei Zhang
Reviewed By: Terry Yin

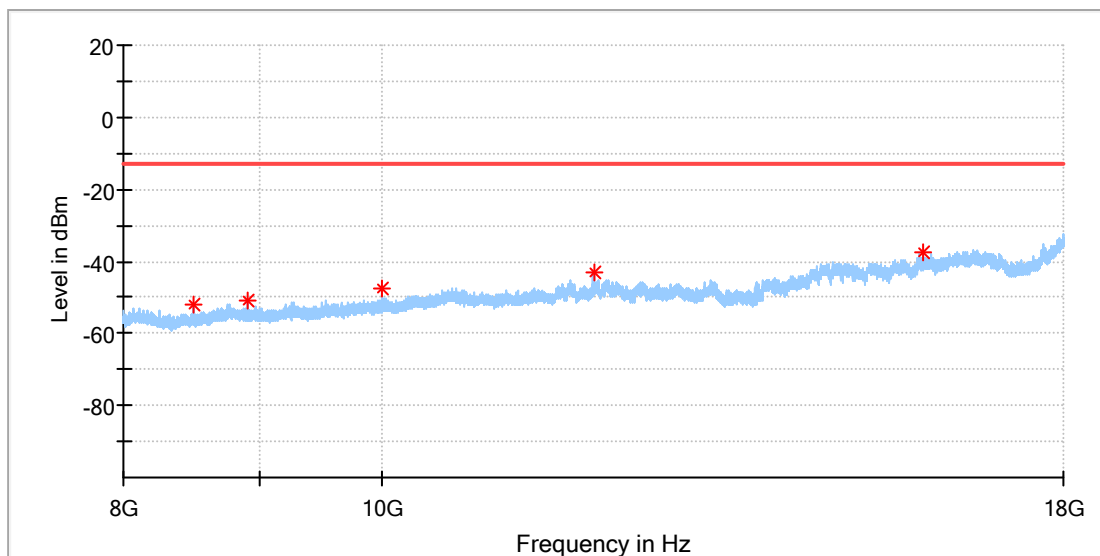


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1250.000000	-49.31	-13.00	36.31	150.0	V	67.0	-90.1
1744.500000	-46.78	-13.00	33.78	150.0	V	16.0	-89.5
2144.500000	-38.14	-13.00	25.14	150.0	V	273.0	-86.6
3488.500000	-41.76	-13.00	28.76	150.0	V	216.0	-84.4
5100.000000	-40.28	-13.00	27.28	150.0	V	262.0	-80.5
6902.500000	-32.91	-13.00	19.91	150.0	V	0.0	-77.1

EUT Information

EUT Name: Lymow One
Model: Lymow One
Test Mode: LTE Band 66_1.4M_QPSK_Mid channel
Order No/Sample No: 168557586/A004000487-001
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 27
Tested By: Kei Zhang
Reviewed By: Terry Yin

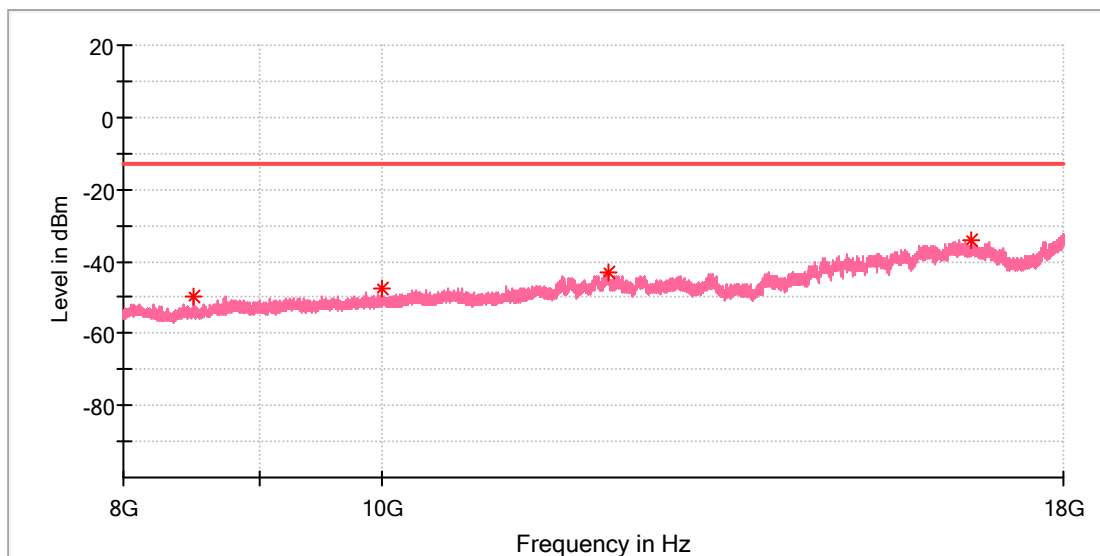


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
8500.000000	-51.90	-13.00	38.90	150.0	H	90.0	-89.1
8902.000000	-50.85	-13.00	37.85	150.0	H	41.0	-87.2
10000.000000	-47.74	-13.00	34.74	150.0	H	19.0	-85.0
12000.000000	-42.84	-13.00	29.84	150.0	H	104.0	-80.7
15957.500000	-37.75	-13.00	24.75	150.0	H	277.0	-75.1

EUT Information

EUT Name: Lymow One
Model: Lymow One
Test Mode: LTE Band 66_1.4M_QPSK_Mid channel
Order No/Sample No: 168557586/A004000487-001
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 27
Tested By: Kei Zhang
Reviewed By: Terry Yin

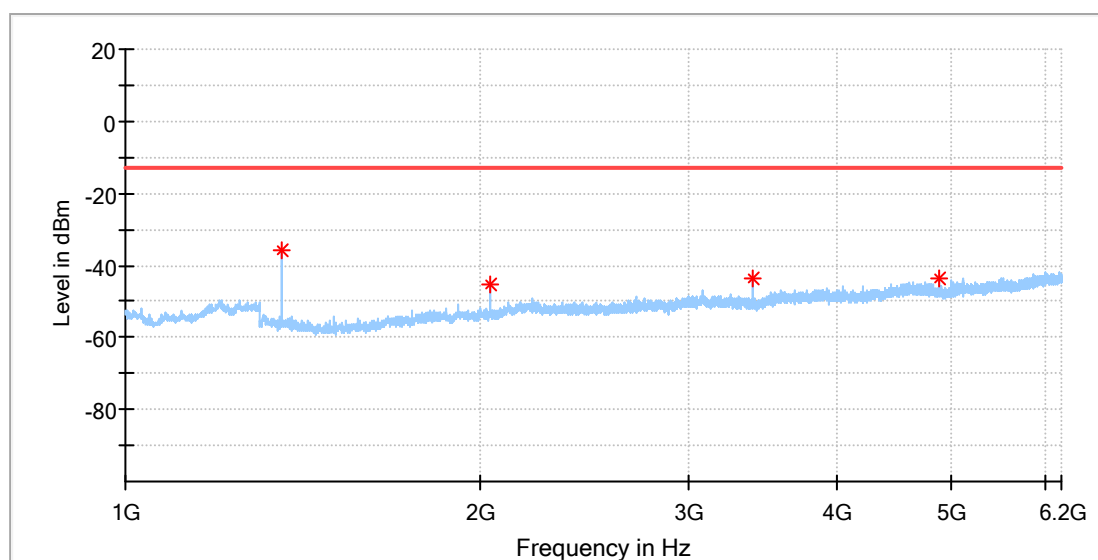


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
8500.000000	-49.78	-13.00	36.78	150.0	V	0.0	-87.0
10000.000000	-47.31	-13.00	34.31	150.0	V	331.0	-83.5
12153.000000	-43.22	-13.00	30.22	150.0	V	181.0	-77.8
16625.000000	-33.99	-13.00	20.99	150.0	V	39.0	-71.3

EUT Information

EUT Name: Lymow One
Model: Lymow One
Test Mode: LTE Band 71_5M_QPSK_Mid channel
Order No/Sample No: 168557586/A004000487-001
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 27
Tested By: Kei Zhang
Reviewed By: Terry Yin

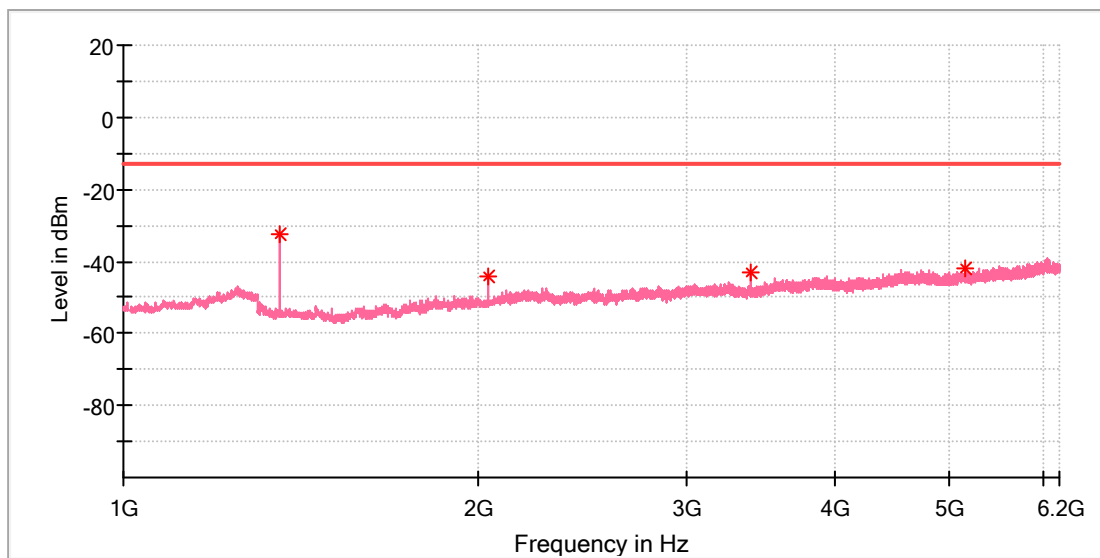


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1356.500000	-35.71	-13.00	22.71	150.0	H	163.0	-93.0
2034.500000	-45.40	-13.00	32.40	150.0	H	163.0	-89.7
3392.000000	-43.55	-13.00	30.55	150.0	H	85.0	-87.5
4882.000000	-43.70	-13.00	30.70	150.0	H	0.0	-84.2

EUT Information

EUT Name:	Lymow One
Model:	Lymow One
Test Mode:	LTE Band 71_5M_QPSK_Mid channel
Order No/Sample No:	168557586/A004000487-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

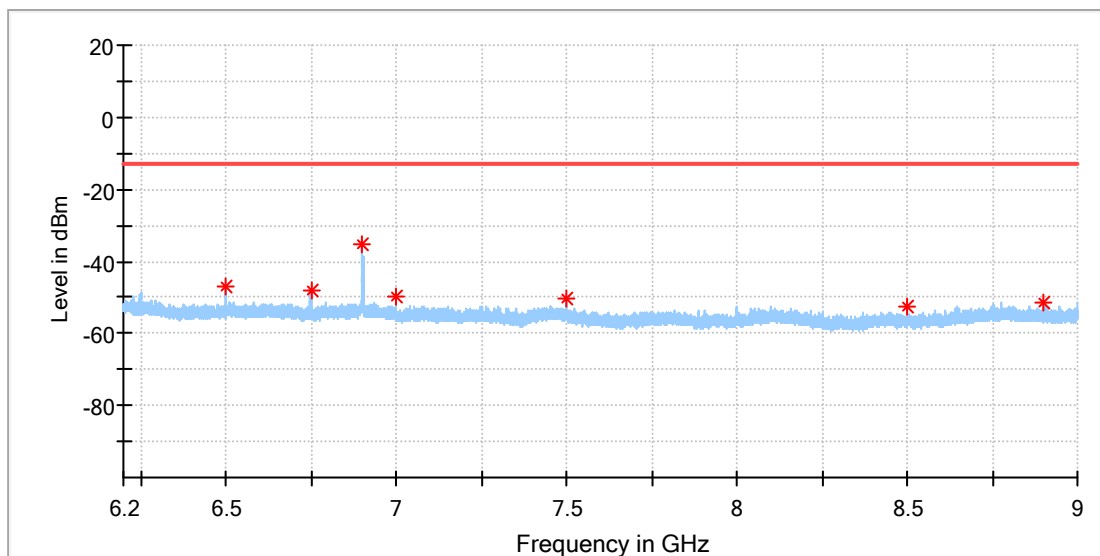


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1356.500000	-32.28	-13.00	19.28	150.0	V	162.0	-91.2
2035.000000	-44.39	-13.00	31.39	150.0	V	226.0	-87.7
3391.500000	-43.14	-13.00	30.14	150.0	V	238.0	-85.4
5163.500000	-41.72	-13.00	28.72	150.0	V	1.0	-81.2

EUT Information

EUT Name: Lymow One
Model: Lymow One
Test Mode: LTE Band 71_5M_QPSK_Mid channel
Order No/Sample No: 168557586/A004000487-001
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 27
Tested By: Kei Zhang
Reviewed By: Terry Yin

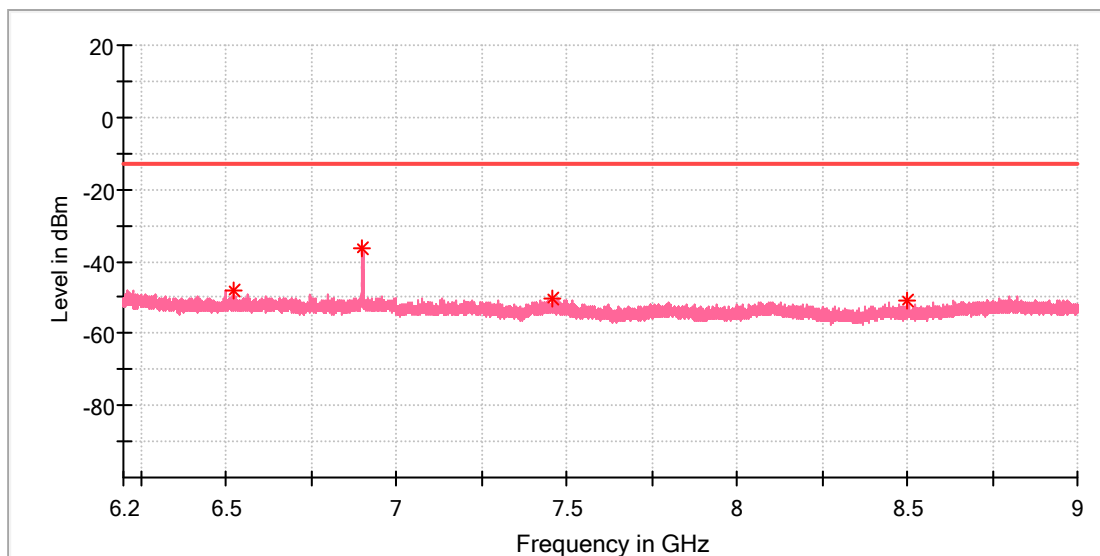


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6499.833333	-47.08	-13.00	34.08	150.0	H	320.0	-88.6
6750.083333	-47.97	-13.00	34.97	150.0	H	293.0	-89.7
6901.050000	-35.09	-13.00	22.09	150.0	H	320.0	-88.8
6999.983333	-49.91	-13.00	36.91	150.0	H	93.0	-88.8
7499.666667	-50.40	-13.00	37.40	150.0	H	106.0	-88.3
8500.083333	-52.54	-13.00	39.54	150.0	H	85.0	-89.1
8901.766667	-51.35	-13.00	38.35	150.0	H	56.0	-87.2

EUT Information

EUT Name:	Lymow One
Model:	Lymow One
Test Mode:	LTE Band 71_5M_QPSK_Mid channel
Order No/Sample No:	168557586/A004000487-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6523.983333	-48.29	-13.00	35.29	150.0	V	137.0	-86.8
6901.283333	-36.18	-13.00	23.18	150.0	V	0.0	-87.0
7461.516667	-50.30	-13.00	37.30	150.0	V	21.0	-86.3
8499.966667	-50.84	-13.00	37.84	150.0	V	14.0	-87.0

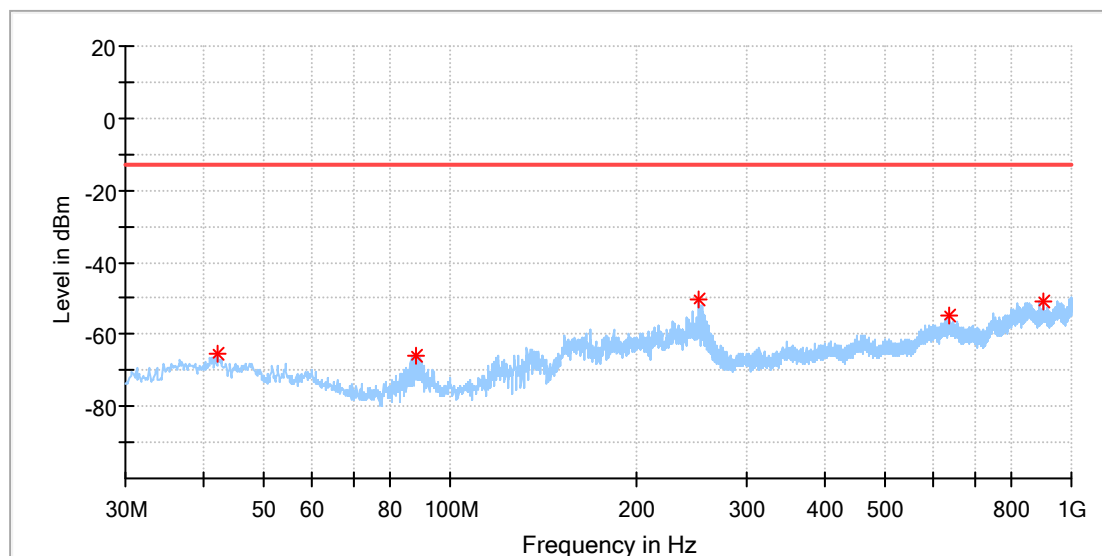
Appendix A.2: Radiated Spurious Emissions - WCDMA

The highest emissions are the fundamental signals for WCDMA

Below 1GHz

EUT Information

EUT Name:	Lymow One
Model:	Lymow One
Test Mode:	WCDMA Band II_RMC12.2K_Mid channel
Order No/Sample No:	168557586/A004000487-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

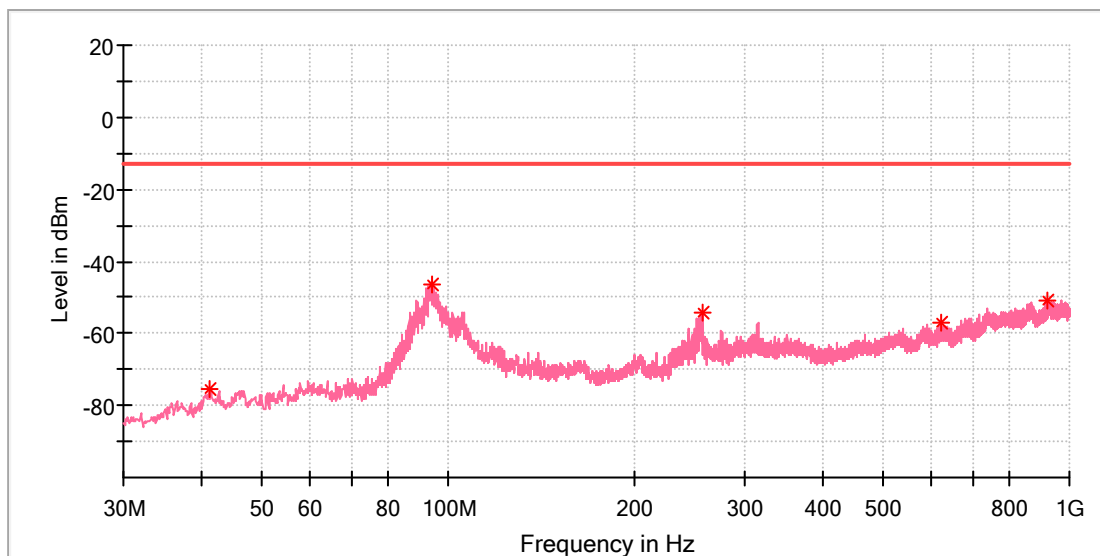


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
42.246250	-65.58	-13.00	52.58	100.0	H	0.0	-112.5
88.078750	-65.89	-13.00	52.89	100.0	H	104.0	-123.0
250.796250	-50.54	-13.00	37.54	100.0	H	221.0	-110.2
633.340000	-54.95	-13.00	41.95	100.0	H	181.0	-104.7
901.545000	-50.95	-13.00	37.95	100.0	H	132.0	-101.1

EUT Information

EUT Name:	Lymow One
Model:	Lymow One
Test Mode:	WCDMA Band II_RMC12.2K_Mid channel
Order No/Sample No:	168557586/A004000487-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

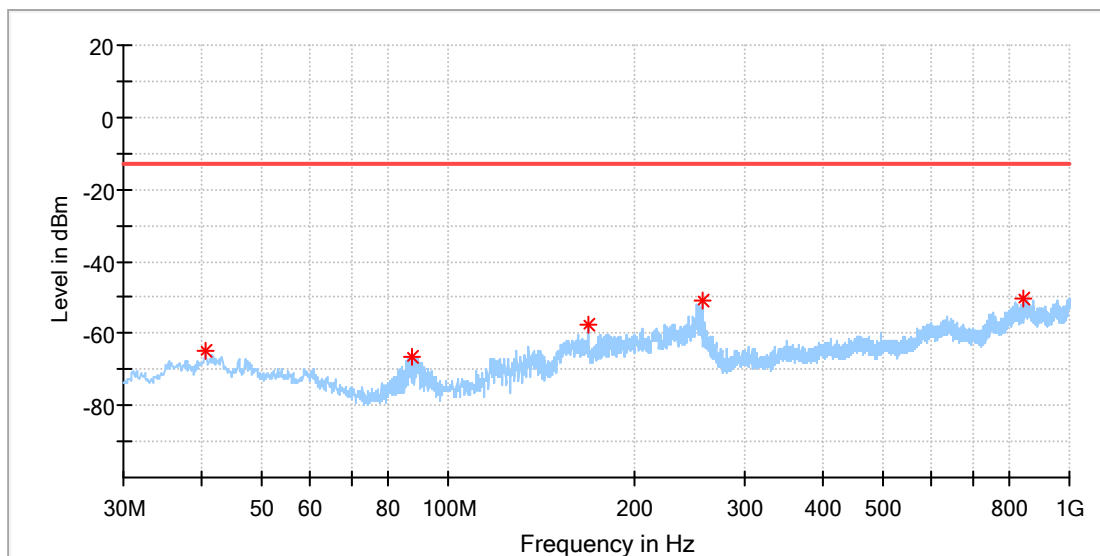


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
41.397500	-75.68	-13.00	62.68	100.0	V	15.0	-123.5
93.898750	-46.23	-13.00	33.23	100.0	V	11.0	-100.3
256.616250	-54.09	-13.00	41.09	100.0	V	191.0	-114.2
623.397500	-56.97	-13.00	43.97	100.0	V	220.0	-106.3
923.612500	-50.88	-13.00	37.88	100.0	V	259.0	-100.1

EUT Information

EUT Name:	Lymow One
Model:	Lymow One
Test Mode:	WCDMA Band IV_RMC12.2K_Mid channel
Order No/Sample No:	168557586/A004000487-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

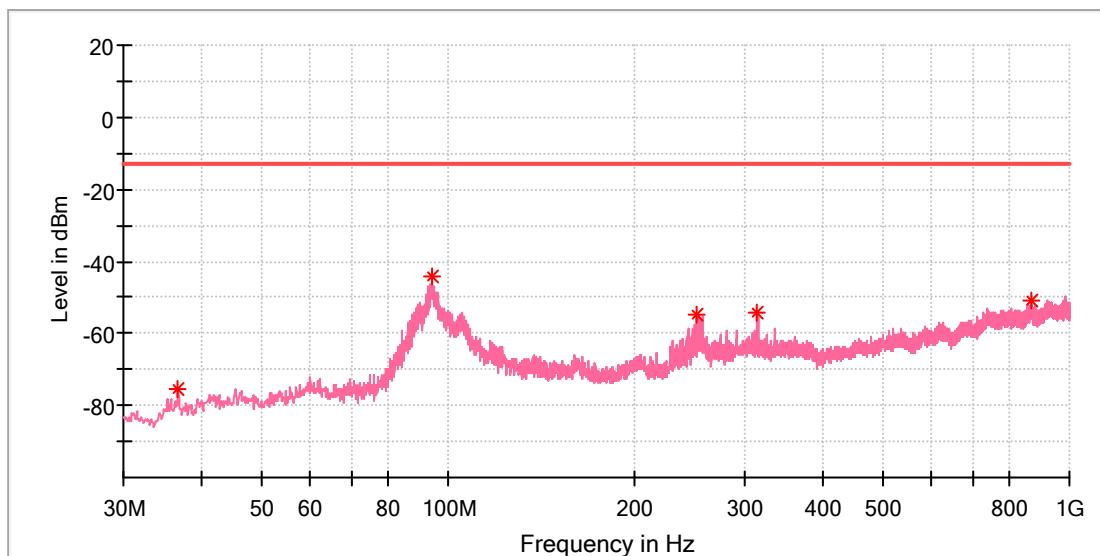


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
40.670000	-64.97	-13.00	51.97	100.0	H	160.0	-112.7
87.472500	-66.55	-13.00	53.55	100.0	H	60.0	-123.2
167.982500	-57.84	-13.00	44.84	100.0	H	102.0	-121.8
256.010000	-50.71	-13.00	37.71	100.0	H	249.0	-111.3
844.921250	-50.44	-13.00	37.44	100.0	H	356.0	-100.5

EUT Information

EUT Name:	Lymow One
Model:	Lymow One
Test Mode:	WCDMA Band IV_RMC12.2K_Mid channel
Order No/Sample No:	168557586/A004000487-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

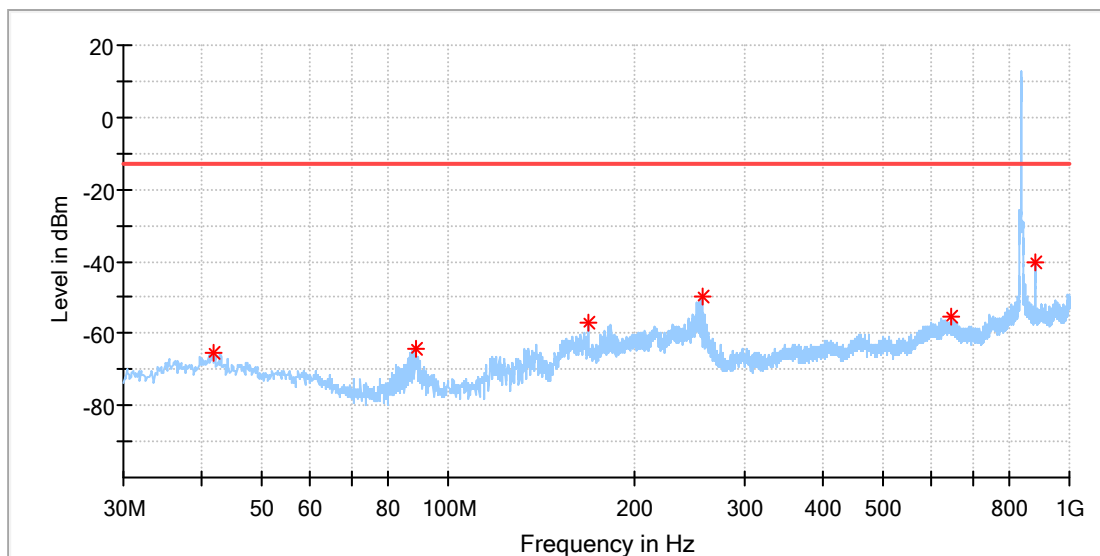


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.790000	-75.45	-13.00	62.45	100.0	V	186.0	-125.6
94.383750	-44.04	-13.00	31.04	100.0	V	328.0	-99.7
250.675000	-54.52	-13.00	41.52	100.0	V	164.0	-114.5
314.937500	-54.15	-13.00	41.15	100.0	V	186.0	-111.3
866.018750	-50.67	-13.00	37.67	100.0	V	267.0	-100.4

EUT Information

EUT Name: Lymow One
Model: Lymow One
Test Mode: WCDMA Band V_RMC12.2K_Mid channel
Order No/Sample No: 168557586/A004000487-001
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 22
Tested By: Kei Zhang
Reviewed By: Terry Yin

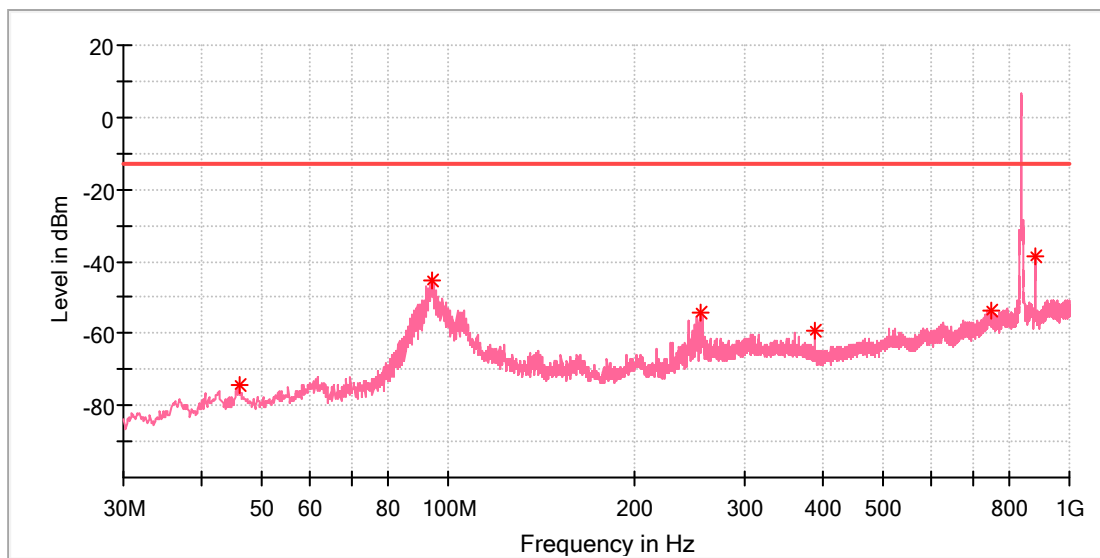


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
41.761250	-65.27	-13.00	52.27	100.0	H	70.0	-112.4
88.563750	-64.39	-13.00	51.39	100.0	H	64.0	-123.0
167.982500	-57.15	-13.00	44.15	100.0	H	105.0	-121.8
255.888750	-49.98	-13.00	36.98	100.0	H	241.0	-111.3
643.403750	-55.35	-13.00	42.35	100.0	H	70.0	-104.4
881.902500	-40.20	-13.00	27.20	100.0	H	44.0	-102.1

EUT Information

EUT Name:	Lymow One
Model:	Lymow One
Test Mode:	WCDMA Band V_RMC12.2K_Mid channel
Order No/Sample No:	168557586/A004000487-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



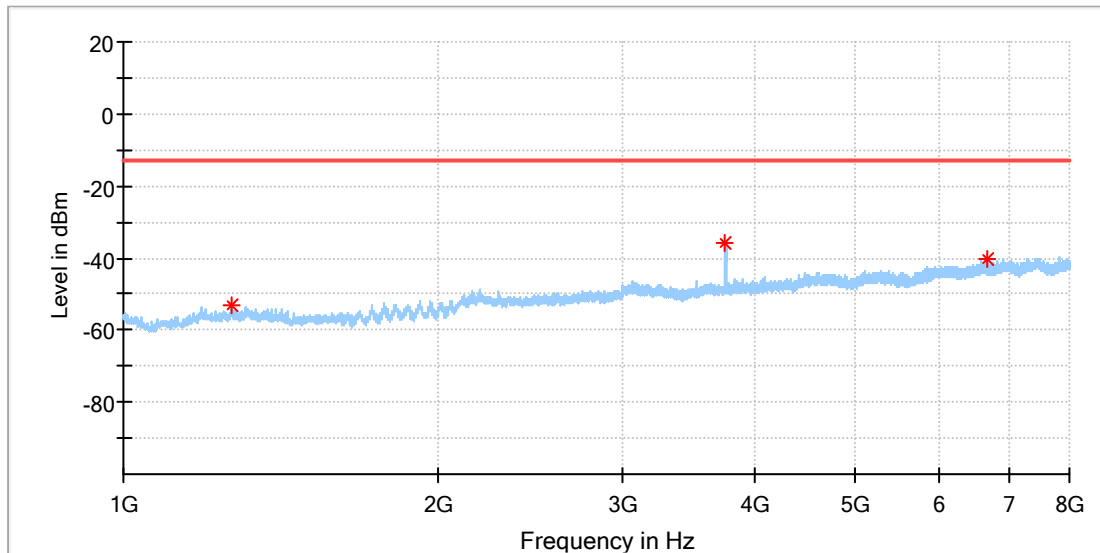
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
46.005000	-74.50	-13.00	61.50	100.0	V	5.0	-121.6
93.898750	-45.21	-13.00	32.21	100.0	V	1.0	-100.3
255.282500	-54.43	-13.00	41.43	100.0	V	17.0	-114.2
388.536250	-59.22	-13.00	46.22	100.0	V	150.0	-111.8
746.223750	-53.67	-13.00	40.67	100.0	V	106.0	-101.8
880.083750	-38.60	-13.00	25.60	100.0	V	159.0	-102.2

Above 1GHz

EUT Information

EUT Name:	Lymow One
Model:	Lymow One
Test Mode:	WCDMA Band II_RMC12.2K_Mid channel
Order No/Sample No:	168557586/A004000487-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

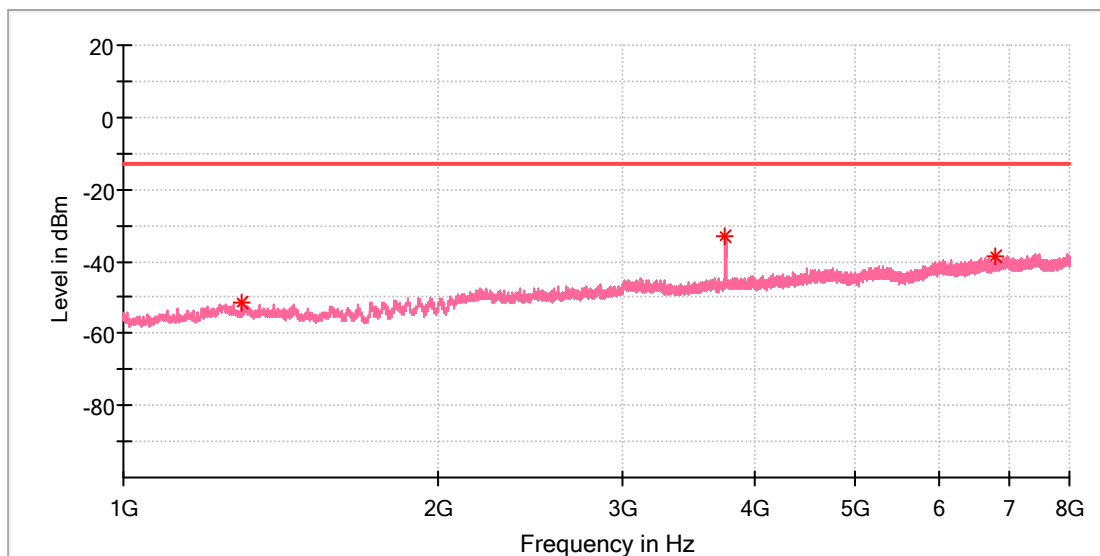


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1270.000000	-53.31	-13.00	40.31	150.0	H	28.0	-92.7
3757.500000	-35.71	-13.00	22.71	150.0	H	173.0	-85.4
6691.000000	-40.43	-13.00	27.43	150.0	H	173.0	-79.7

EUT Information

EUT Name:	Lymow One
Model:	Lymow One
Test Mode:	WCDMA Band II_RMC12.2K_Mid channel
Order No/Sample No:	168557586/A004000487-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

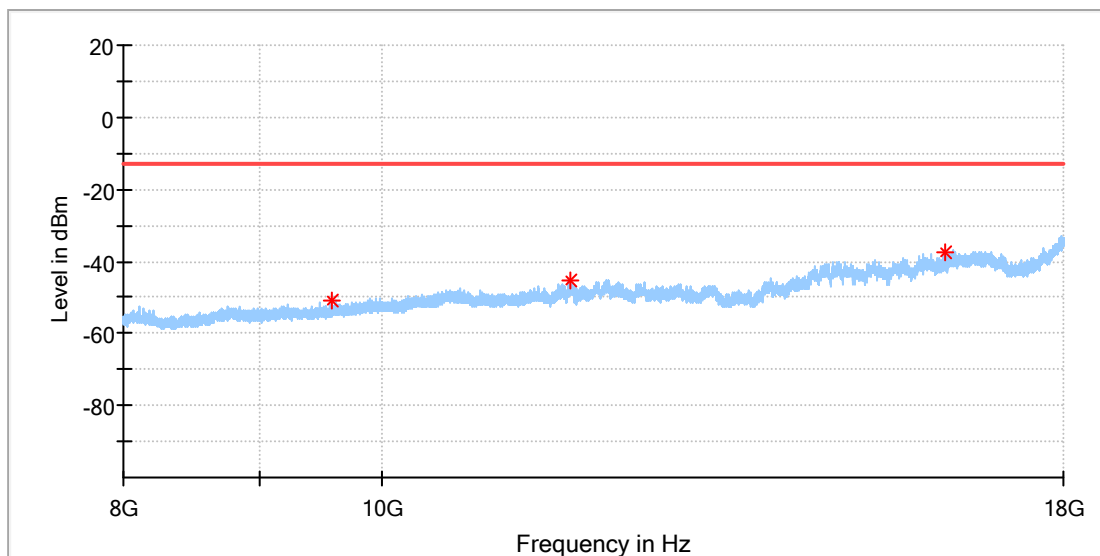


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1298.500000	-51.70	-13.00	38.70	150.0	V	152.0	-91.1
3757.500000	-33.08	-13.00	20.08	150.0	V	147.0	-83.1
6801.500000	-38.86	-13.00	25.86	150.0	V	147.0	-77.8

EUT Information

EUT Name:	Lymow One
Model:	Lymow One
Test Mode:	WCDMA Band II_RMC12.2K_Mid channel
Order No/Sample No:	168557586/A004000487-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

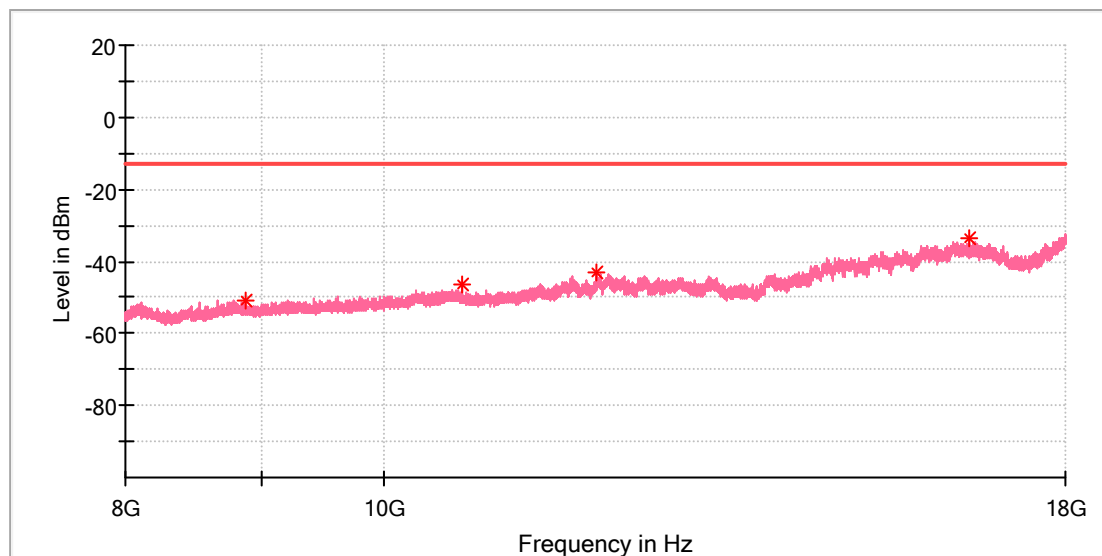


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
9578.000000	-50.85	-13.00	37.85	150.0	H	275.0	-86.0
11766.500000	-45.37	-13.00	32.37	150.0	H	82.0	-80.7
16249.000000	-37.25	-13.00	24.25	150.0	H	0.0	-74.8

EUT Information

EUT Name: Lymow One
Model: Lymow One
Test Mode: WCDMA Band II_RMC12.2K_Mid channel
Order No/Sample No: 168557586/A004000487-001
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 24
Tested By: Kei Zhang
Reviewed By: Terry Yin

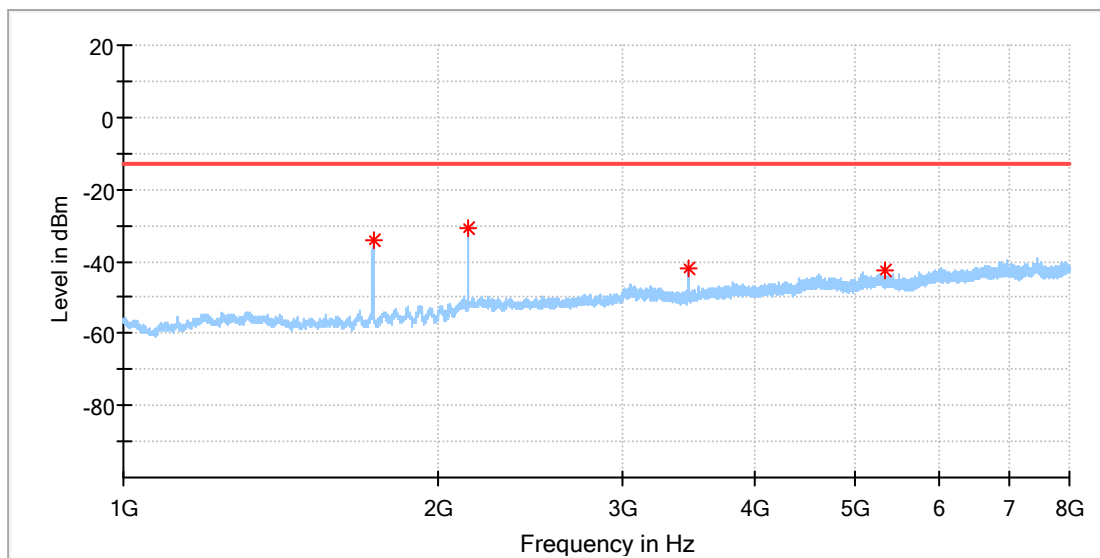


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
8874.500000	-50.68	-13.00	37.68	150.0	V	97.0	-85.0
10704.500000	-46.34	-13.00	33.34	150.0	V	212.0	-82.8
12019.500000	-43.10	-13.00	30.10	150.0	V	295.0	-78.4
16564.500000	-33.71	-13.00	20.71	150.0	V	228.0	-71.5

EUT Information

EUT Name:	Lymow One
Model:	Lymow One
Test Mode:	WCDMA Band IV_RMC12.2K_Mid channel
Order No/Sample No:	168557586/A004000487-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

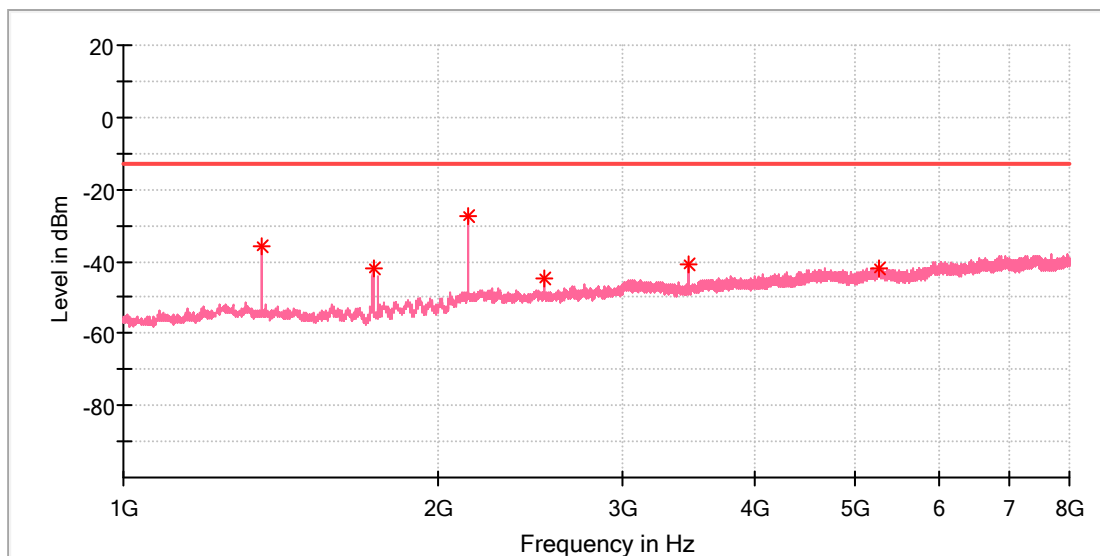


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1731.500000	-34.40	-13.00	21.40	150.0	H	81.0	-91.8
2133.500000	-31.05	-13.00	18.05	150.0	H	223.0	-88.7
3467.500000	-41.77	-13.00	28.77	150.0	H	173.0	-86.6
5343.000000	-42.72	-13.00	29.72	150.0	H	120.0	-82.4

EUT Information

EUT Name:	Lymow One
Model:	Lymow One
Test Mode:	WCDMA Band IV_RMC12.2K_Mid channel
Order No/Sample No:	168557586/A004000487-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

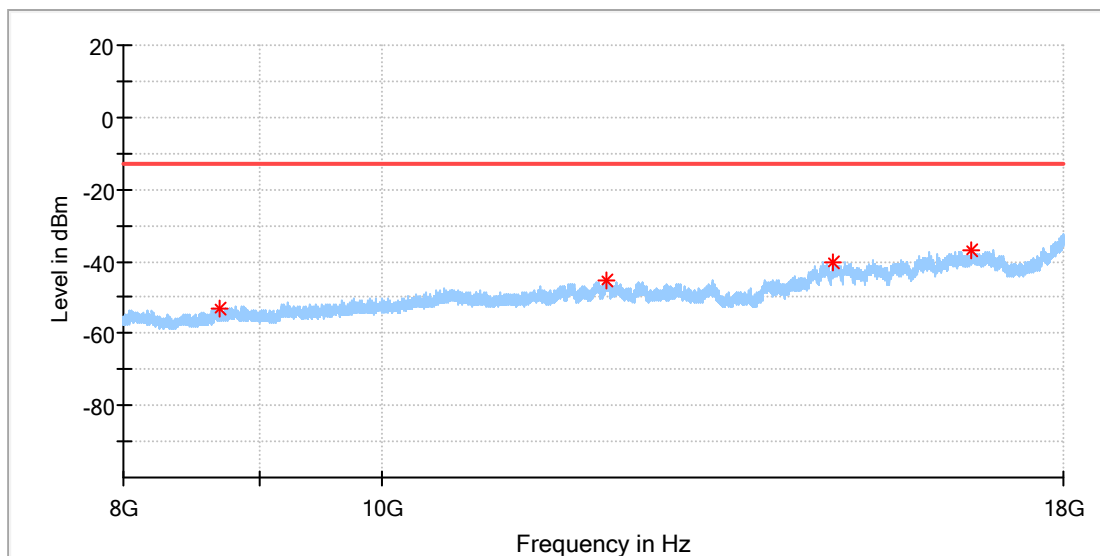


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1355.000000	-35.88	-13.00	22.88	150.0	V	0.0	-91.2
1733.500000	-41.72	-13.00	28.72	150.0	V	29.0	-89.9
2133.000000	-27.61	-13.00	14.61	150.0	V	54.0	-86.6
2518.500000	-44.66	-13.00	31.66	150.0	V	0.0	-86.5
3467.000000	-40.60	-13.00	27.60	150.0	V	216.0	-84.5
5260.000000	-41.86	-13.00	28.86	150.0	V	182.0	-79.9

EUT Information

EUT Name:	Lymow One
Model:	Lymow One
Test Mode:	WCDMA Band IV_RMC12.2K_Mid channel
Order No/Sample No:	168557586/A004000487-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

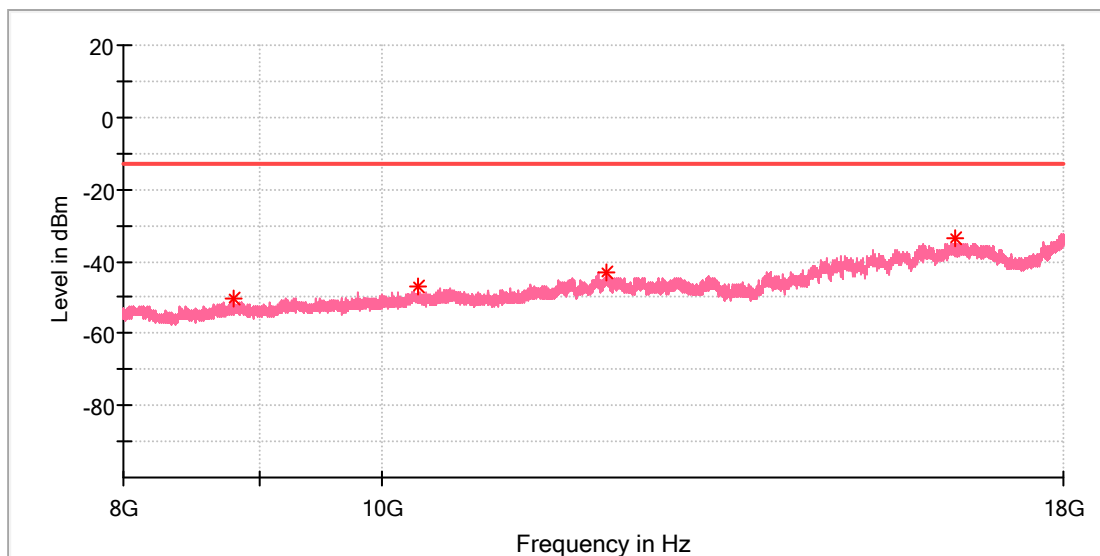


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
8698.000000	-52.88	-13.00	39.88	150.0	H	15.0	-87.3
12136.000000	-45.46	-13.00	32.46	150.0	H	199.0	-79.9
14755.500000	-40.47	-13.00	27.47	150.0	H	271.0	-75.9
16620.500000	-36.72	-13.00	23.72	150.0	H	49.0	-73.8

EUT Information

EUT Name: Lymow One
Model: Lymow One
Test Mode: WCDMA Band IV_RMC12.2K_Mid channel
Order No/Sample No: 168557586/A004000487-001
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 27
Tested By: Kei Zhang
Reviewed By: Terry Yin

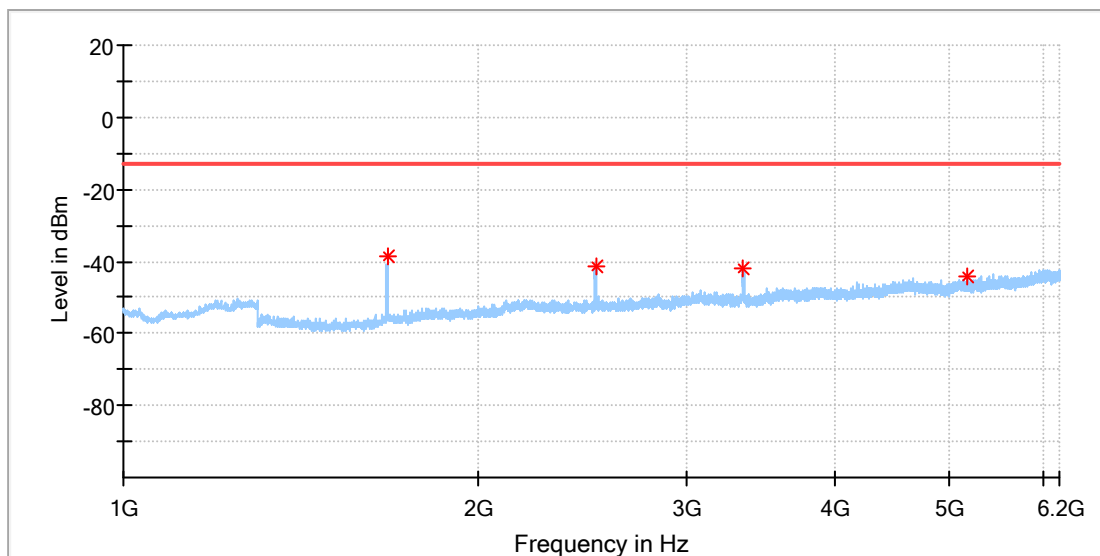


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
8795.500000	-50.06	-13.00	37.06	150.0	V	197.0	-84.7
10319.000000	-46.72	-13.00	33.72	150.0	V	66.0	-82.7
12133.000000	-43.25	-13.00	30.25	150.0	V	59.0	-78.0
16393.500000	-33.64	-13.00	20.64	150.0	V	174.0	-70.8

EUT Information

EUT Name: Lymow One
Model: Lymow One
Test Mode: WCDMA Band V_RMC12.2K_Mid channel
Order No/Sample No: 168557586/A004000487-001
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 22
Tested By: Kei Zhang
Reviewed By: Terry Yin

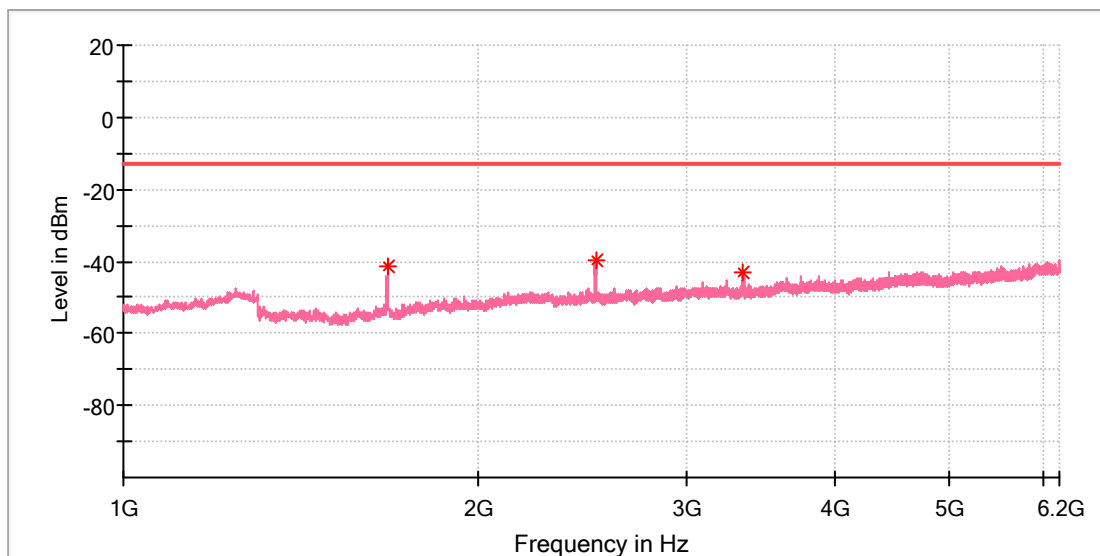


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1675.500000	-38.77	-13.00	25.77	150.0	H	90.0	-92.5
2512.000000	-41.37	-13.00	28.37	150.0	H	73.0	-88.6
3349.000000	-41.75	-13.00	28.75	150.0	H	84.0	-87.4
5180.000000	-43.97	-13.00	30.97	150.0	H	316.0	-83.2

EUT Information

EUT Name: Lymow One
Model: Lymow One
Test Mode: WCDMA Band V_RMC12.2K_Mid channel
Order No/Sample No: 168557586/A004000487-001
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC Part 22
Tested By: Kei Zhang
Reviewed By: Terry Yin

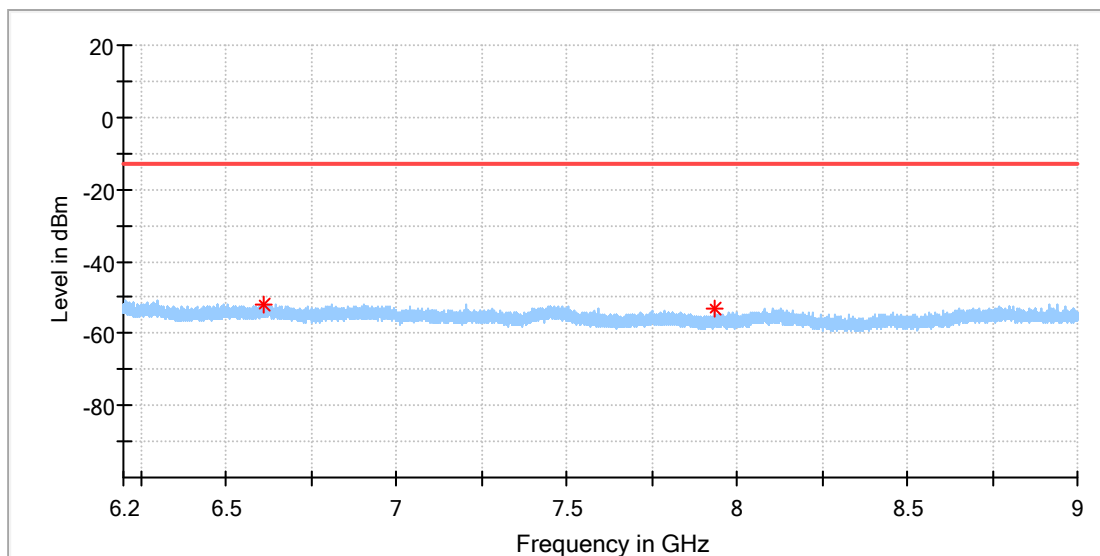


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1675.000000	-41.15	-13.00	28.15	150.0	V	179.0	-90.7
2512.000000	-39.95	-13.00	26.95	150.0	V	150.0	-86.5
3349.500000	-43.06	-13.00	30.06	150.0	V	286.0	-85.5

EUT Information

EUT Name:	Lymow One
Model:	Lymow One
Test Mode:	WCDMA Band V_RMC12.2K_Mid channel
Order No/Sample No:	168557586/A004000487-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

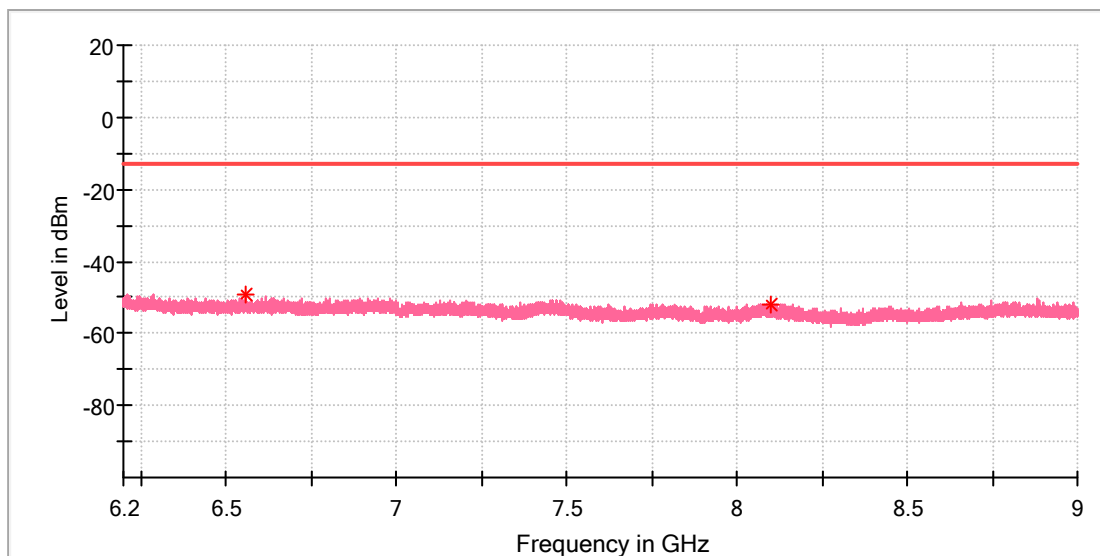


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6611.483333	-52.00	-13.00	39.00	150.0	H	71.0	-88.7
7934.133333	-53.03	-13.00	40.03	150.0	H	292.0	-89.1

EUT Information

EUT Name:	Lymow One
Model:	Lymow One
Test Mode:	WCDMA Band V_RMC12.2K_Mid channel
Order No/Sample No:	168557586/A004000487-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6558.400000	-49.13	-13.00	36.13	150.0	V	176.0	-86.9
8098.400000	-51.79	-13.00	38.79	150.0	V	183.0	-86.5

Appendix A.3: Radiated Spurious Emissions - Co-location Mode

This device also contains a certificated single modules for Wi-Fi & Bluetooth.

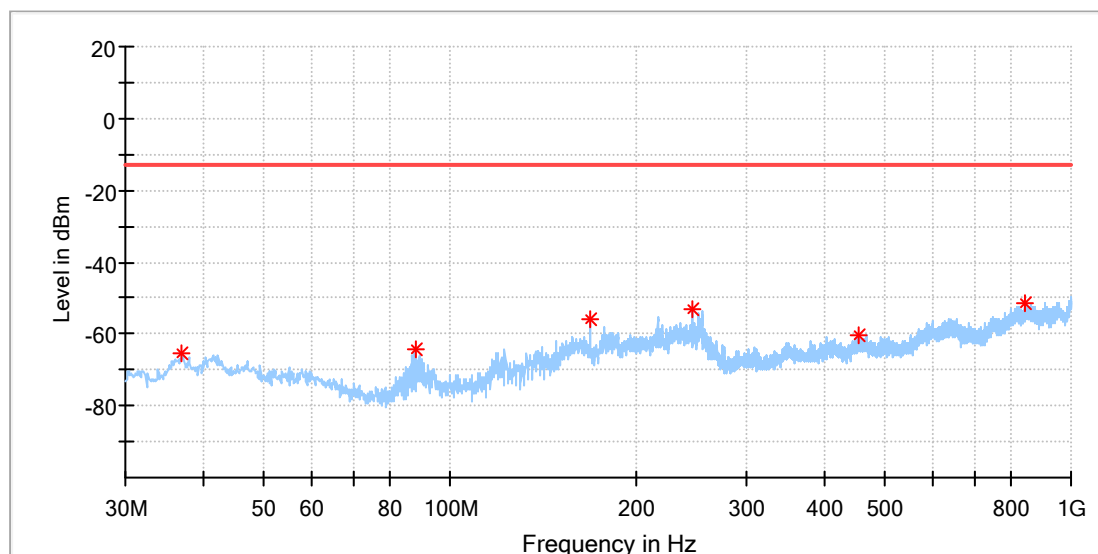
As per KDB 996369 D01 section 7 and KDB 996369 D02 (Question 12), the EMC testing of the Module in simultaneous transmission operations were performed while integrated into the host.

There is no emissions with increased amplitude and/or on different frequencies are detected in simultaneous transmissions compared to what is reported in the modular grant (that refers to single-transmitter operations testing), the test results for worst-cases listed as below:

The highest emissions are the fundamental signals for LTE B2 and/or Wi-Fi.

EUT Information

EUT Name:	Lymow One
Model:	Lymow One
Test Mode:	WIFI 2.4G+LTE Band 2
Order No/Sample No:	168557586/A004000487-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

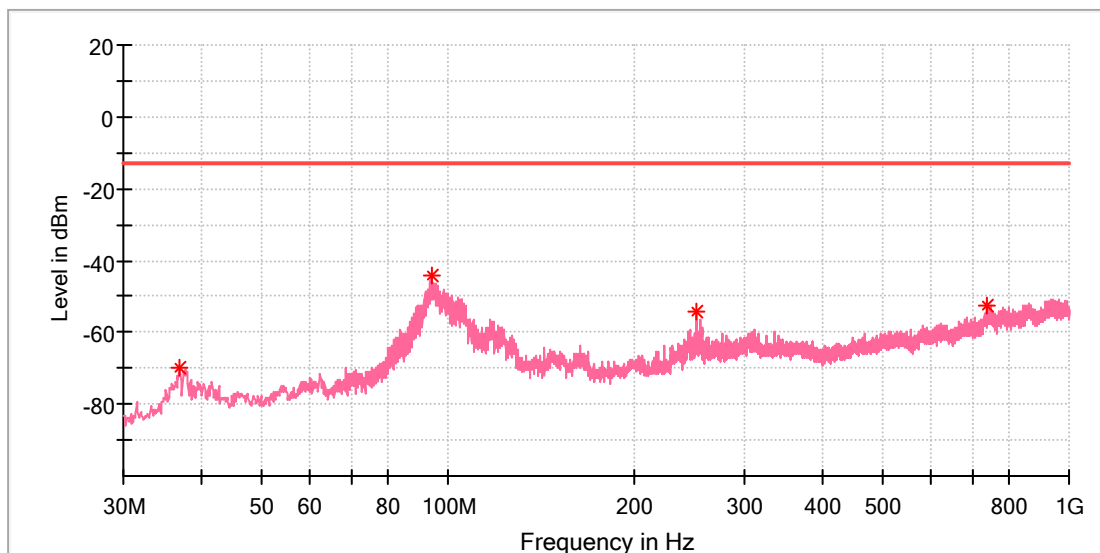


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
37.032500	-65.20	-13.00	52.20	100.0	H	85.0	-113.5
88.078750	-64.17	-13.00	51.17	100.0	H	260.0	-123.0
167.982500	-56.08	-13.00	43.08	100.0	H	232.0	-121.8
245.218750	-53.21	-13.00	40.21	100.0	H	322.0	-110.0
455.951250	-60.44	-13.00	47.44	100.0	H	76.0	-108.4
839.950000	-51.22	-13.00	38.22	100.0	H	150.0	-101.3

EUT Information

EUT Name:	Lymow One
Model:	Lymow One
Test Mode:	WIFI 2.4G+LTE Band 2
Order No/Sample No:	168557586/A004000487-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

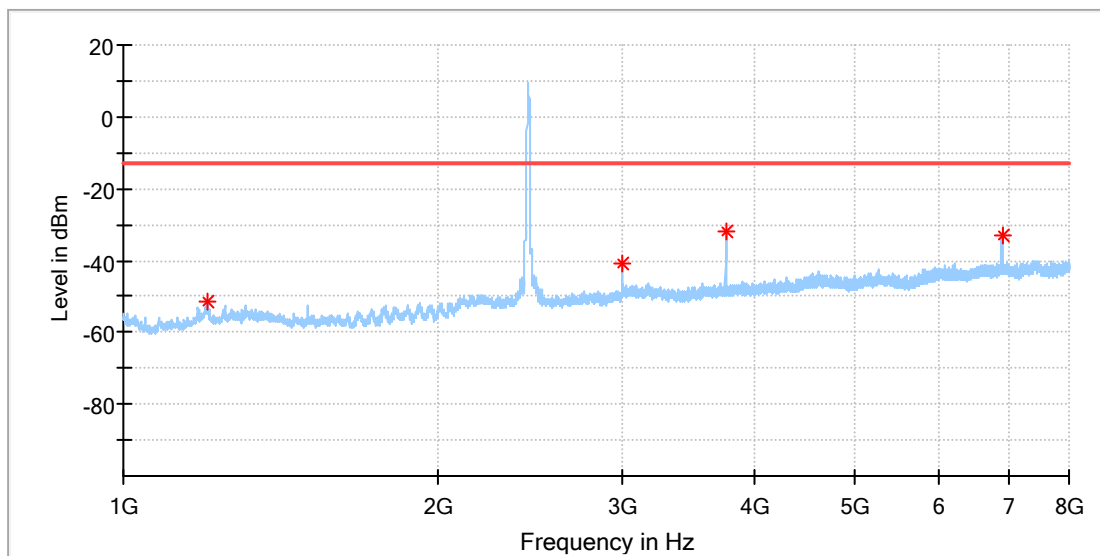


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
37.032500	-69.61	-13.00	56.61	100.0	V	69.0	-125.7
93.898750	-44.13	-13.00	31.13	100.0	V	341.0	-100.3
251.402500	-54.15	-13.00	41.15	100.0	V	156.0	-114.5
738.342500	-52.75	-13.00	39.75	100.0	V	234.0	-101.7

EUT Information

EUT Name:	Lymow One
Model:	Lymow One
Test Mode:	WIFI 2.4G+LTE Band 2
Order No/Sample No:	168557586/A004000487-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

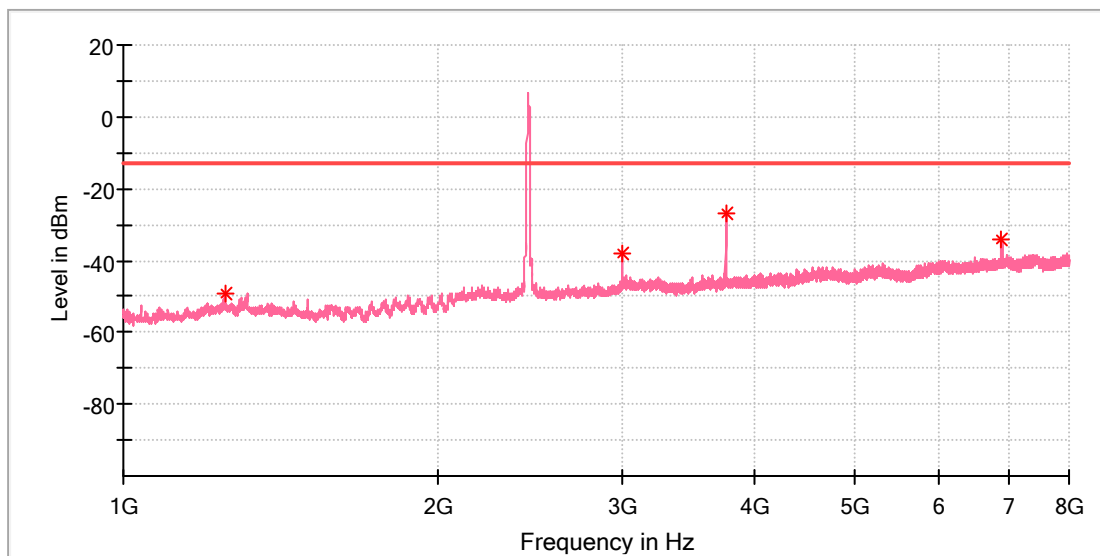


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1201.500000	-51.47	-13.00	38.47	150.0	H	233.0	-93.2
2994.500000	-40.65	-13.00	27.65	150.0	H	138.0	-87.2
3759.000000	-32.06	-13.00	19.06	150.0	H	232.0	-85.4
6902.500000	-33.21	-13.00	20.21	150.0	H	320.0	-79.0

EUT Information

EUT Name:	Lymow One
Model:	Lymow One
Test Mode:	WIFI 2.4G+LTE Band 2
Order No/Sample No:	168557586/A004000487-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

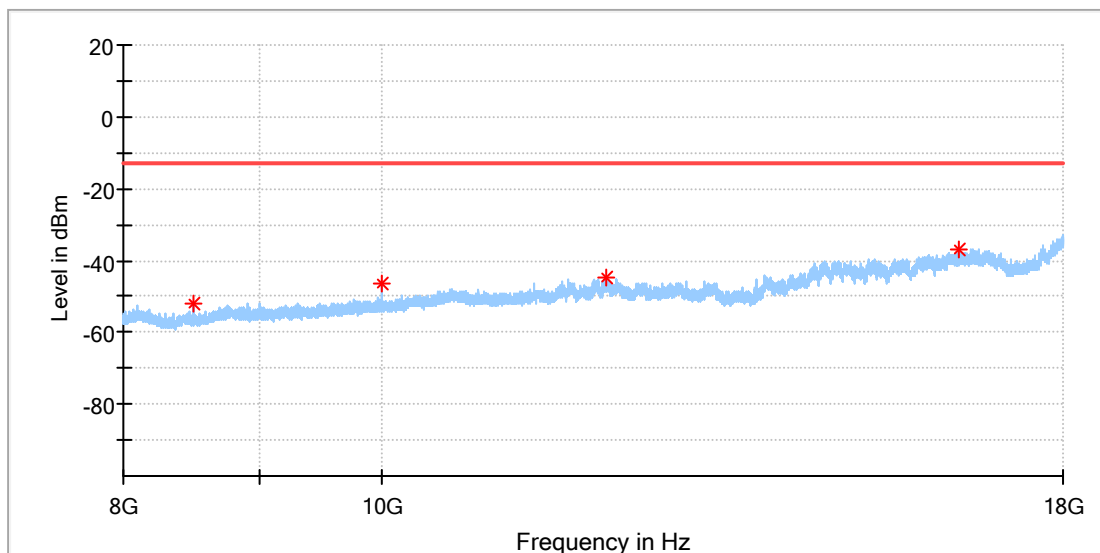


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1249.500000	-49.02	-13.00	36.02	150.0	V	71.0	-90.1
2994.500000	-38.26	-13.00	25.26	150.0	V	162.0	-85.0
3759.000000	-26.70	-13.00	13.70	150.0	V	324.0	-83.1
6902.000000	-34.04	-13.00	21.04	150.0	V	0.0	-77.1

EUT Information

EUT Name:	Lymow One
Model:	Lymow One
Test Mode:	WIFI 2.4G+LTE Band 2
Order No/Sample No:	168557586/A004000487-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

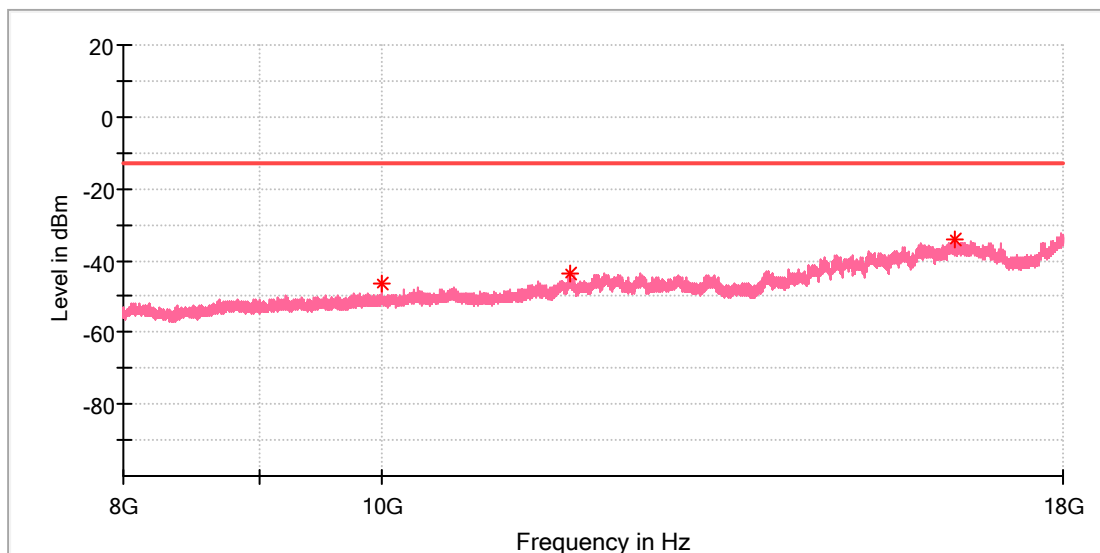


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
8500.000000	-52.04	-13.00	39.04	150.0	H	29.0	-89.1
10000.000000	-46.16	-13.00	33.16	150.0	H	316.0	-85.0
12130.500000	-44.85	-13.00	31.85	150.0	H	3.0	-80.0
16462.500000	-36.97	-13.00	23.97	150.0	H	8.0	-73.7

EUT Information

EUT Name:	Lymow One
Model:	Lymow One
Test Mode:	WIFI 2.4G+LTE Band 2
Order No/Sample No:	168557586/A004000487-001
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10000.000000	-46.47	-13.00	33.47	150.0	V	190.0	-83.5
11755.000000	-43.69	-13.00	30.69	150.0	V	327.0	-79.0
16400.500000	-34.08	-13.00	21.08	150.0	V	184.0	-70.8