

RADIO TEST REPORT

FCC ID: 2ABYN149

Product : TTL Li-ion Round Head Camera Flash

Trade Mark : 

Model Name : V1 mid C

Family Model : V1 mid N, V1 mid S, V1 mid F, V1 mid O

Report No. : N25110701004E

Prepared for

GODOX PHOTO EQUIPMENT CO.,LTD

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TEST RESULT CERTIFICATION

Applicant's name: GODOX PHOTO EQUIPMENT CO.,LTD
Address: 1st to 4th Floor, Building 2/1st to 4th Floor, Building 4 ,Yaochuan Industrial Zone, Tangwei Community, Fuhai Street, Baoan District, Shenzhen, 518103 China
Manufacturer's Name.....: GODOX Photo Equipment Co.,Ltd.
Address: 4th Floor of Building 1, 1st to 4 th Floor of Building 2, 4th Floor of Building 3,1st to 4th Floor of Building 4, Yaochuan Industrial Zone, Tangwei Community, Fuhai Street, Bao'an District, Shenzhen 518103, China

Product description

Product name.....: TTL Li-ion Round Head Camera Flash
Model and/or type reference : V1 mid C
Family Model.....: V1 mid N, V1 mid S, V1 mid F, V1 mid O
Rating(s).....: DC 7.2V from Battery

Standards: FCC Part15.249

Test procedure ANSI C63.10-2020

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

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Test Sample Number: S2511070102-1#

Date of Test:

Date (s) of performance of tests.....: Nov. 07. 2025 ~ Dec. 09. 2025

Date of Issue.....: Dec. 09. 2025

Test Result.....: **Pass**

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 (Project Engineer)

Reviewed By: Aaron Cheng
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1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

FCC Part15, Subpart C (15.249)			
Standard Section	Test Item	Judgment	Remark
15.207	Conducted Emission	N/A	
15.203	Antenna Requirement	Pass	
15.249 15.209	Radiated Spurious Emission	Pass	
15.249(2)	Frequency Tolerance	N/A	
15.249(a)	Fundamental Measurement	Pass	
15.205	Band Edge Emission	Pass	
15.249	Occupied Bandwidth	Pass	

Note:

(1)When the product battery is charging, the product stops working

(2) The Type-C port of the product can only be used for data transmission and does not support charging

1.1 TEST FACILITY

Shenzhen NTEK Testing Technology Co., Ltd
 Add. : No. 24 Xinfu East Road, Xiangshan Community, Xinqiao Street, Baoan District, Shenzhen, Guangdong, People's Republic of China
 FCC FRN Registration No.:463705; IC Registration No.:9270A-1
 CNAS Registration No.:L5516

1.2 MEASUREMENT UNCERTAINTY

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

No.	Item	Uncertainty
1	Conducted Emission Test	$\pm 1.38\text{dB}$
2	RF power,conducted	$\pm 0.16\text{dB}$
3	Spurious emissions,conducted	$\pm 0.21\text{dB}$
4	All emissions,radiated(<1G)	$\pm 4.68\text{dB}$
5	All emissions,radiated(>1G)	$\pm 4.89\text{dB}$
6	Temperature	$\pm 0.5^{\circ}\text{C}$
7	Humidity	$\pm 2\%$

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	TTL Li-ion Round Head Camera Flash	
Trade Mark		
Model Name	V1 mid C	
Family Model	V1 mid N, V1 mid S, V1 mid F, V1 mid O	
Model Difference	All models have the same circuit, structure and material, except for the bottom hot shoe is different.	
Product Description	The EUT is a TTL Li-ion Round Head Camera Flash	
	Operation Frequency:	2412.999-2464.499MHz
	Modulation Type:	MSK
	Antenna Designation:	PCB Antenna
	Antenna Gain(Peak)	-0.69dBi
	Based on the application, features, or specification exhibited in User's Manual. More details of EUT technical specification, please refer to the User's Manual.	
Channel List	Please refer to the Note 2.	
Adapter	Model: KA12C-0502000US Input: 100-240V~ 50/60Hz 0.35A Output: 5.0V---2.0A 10.0W	
Rating	DC 7.2V from battery	
Battery	DC 7.2V, 2200mAh, 15.84Wh	
Hardware version:	20240907E01	
Firmware version:	N/A	
Software version:	V1.0	

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.

2.

RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
1	2412.999	9	2425.999	17	2439.499	25	2452.999
2	2414.499	10	2427.999	18	2440.999	26	2454.499
3	2415.999	11	2429.499	19	2442.999	27	2455.999
4	2418.000	12	2431.000	20	2444.499	28	2457.999
5	2419.499	13	2432.999	21	2445.999	29	2459.499
6	2420.999	14	2434.499	22	2447.999	30	2460.999
7	2422.999	15	2435.999	23	2449.499	31	2462.999
8	2424.500	16	2437.999	24	2450.999	32	2464.499

Note: 1. Channels 1-40 are all frequencies supported by the product, with the same modulation method and bandwidth. Channels 41-80 and 81-99 repeat channels 1-40.
The channel allocation of this product is manually selected for better anti-interference performance when multiple machines are used together .

2. Three channels were tested, namely channel 1, channel 18, and channel 40.

3.

Table for Filed Antenna

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	NOTE
1	N/A	N/A	PCB Antenna	N/A	-0.69	Antenna

2.2 DESCRIPTION OF TEST MODES

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

Pretest Mode	Description
Mode 1	TX 2412.999MHz
Mode 2	TX 2439.499MHz
Mode 3	TX 2464.499MHz

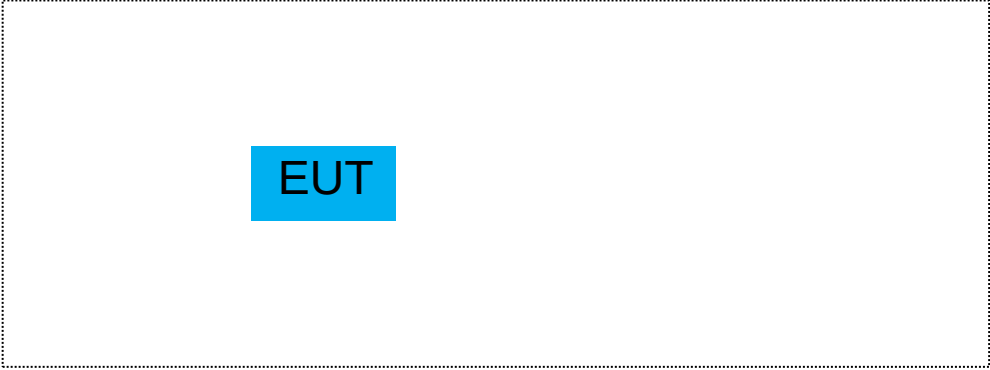
For Radiated Spurious Emission	
Pretest Mode	Description
Mode 1	TX 2412.999MHz
Mode 2	TX 2439.499MHz
Mode 3	TX 2464.499MHz

Note:

- (1) The measurements are performed at the highest, middle, lowest available channels.
- (2) All models have been tested and evaluated, but only the worst mode will be reflected in the report

2.3 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

Radiated Spurious Emission Test



EUT

2.4 DESCRIPTION OF SUPPORT UNITS(CONDUCTED MODE)

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

Item	Equipment	Model/Type No.	Series No.	Note
EUT	TTL Li-ion Round Head Camera Flash	V1 mid C	N/A	N/A

Item	Cable Type	Shielded Type	Ferrite Core	Length	Note

Note:

- (1) The support equipment was authorized by Declaration of Confirmation.
- (2) For detachable type I/O cable should be specified the length in cm in 『Length』 column.

2.5 EQUIPMENTS LIST FOR ALL TEST ITEMS

Radiation Test equipment

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibration period
1	Spectrum Analyzer	Agilent	E4440A	MY41000130	2025.04.24	2026.04.23	1 year
2	Spectrum Analyzer	Agilent	N9020A	MY49100060	2025.04.17	2026.04.16	1 year
3	Spectrum Analyzer	R&S	FSV40	101417	2025.04.17	2026.04.16	1 year
4	Test Receiver	R&S	ESPI7	101318	2025.04.17	2026.04.16	1 year
5	Bilog Antenna	TESEQ	CBL6111D	31216	2025.04.17	2026.04.16	1 year
6	50Ω Coaxial Switch	Anritsu	MP59B	6200983705	2023.05.06	2026.05.05	3 year
7	Horn Antenna	SCHWARZBECK	BBHA 9120 D	2816	2024.05.18	2027.05.17	3 year
8	Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	803	2024.05.12	2027.05.11	3 year
9	Amplifier	EMC	EMC051835 SE	980246	2025.04.17	2026.04.16	1 year
10	Active Loop Antenna	SCHWARZBECK	FMZB 1519 B	055	2024.05.17	2027.05.16	3 year
11	Power Meter	DARE	RPR3006W	15I00041SN O84	2025.04.17	2026.04.16	1 year
12	Test Cable (9KHz-30MHz)	N/A	R-01	N/A	2023.06.17	2026.06.16	3 year
13	Test Cable (30MHz-1GHz)	N/A	R-02	N/A	2023.06.17	2026.06.16	3 year
14	High Test Cable(1G-40GHz)	N/A	R-03	N/A	2023.06.17	2026.06.16	3 year
15	Filter	TRILTHIC	2400MHz	29	2024.04.26	2027.04.25	3 year
16	temporary antenna connector (Note)	NTS	R001	N/A	N/A	N/A	N/A

Note:

We will use the temporary antenna connector (soldered on the PCB board) When conducted test
And this temporary antenna connector is listed within the instrument list

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

Measurement Software

Item	Manufacturer	Software Name	Software Version	Description
1	MWRFtest	MTS 8310 2.4GHz/5GHz	2.0	RF Conducted Test
2	Farad	EZ-EMC_RE	AIT-03A	RadiatedTest
3	raditeq	RadiMation	2023.1.3	RadiatedTest
4	Farad	EZ-EMC_CE	AIT-03A	AC Conducted Test

3. ANTENNA REQUIREMENT

3.1 STANDARD REQUIREMENT

15.203 requirement: For intentional device, according to 15.203: an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

3.2 EUT ANTENNA

The EUT antenna is permanent attached PCB antenna(Gain:-0.69 dBi). It comply with the standard requirement.

3.3 CONDUCTED EMISSION MEASUREMENT

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

Frequency(MHz)	Conducted Emission Limit	
	Quasi-peak	Average
0.15-0.5	66-56*	56-46*
0.5-5.0	56	46
5.0-30.0	60	50

Note: 1. *Decreases with the logarithm of the frequency
 2. The lower limit shall apply at the transition frequencies
 3. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

The following table is the setting of the receiver

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

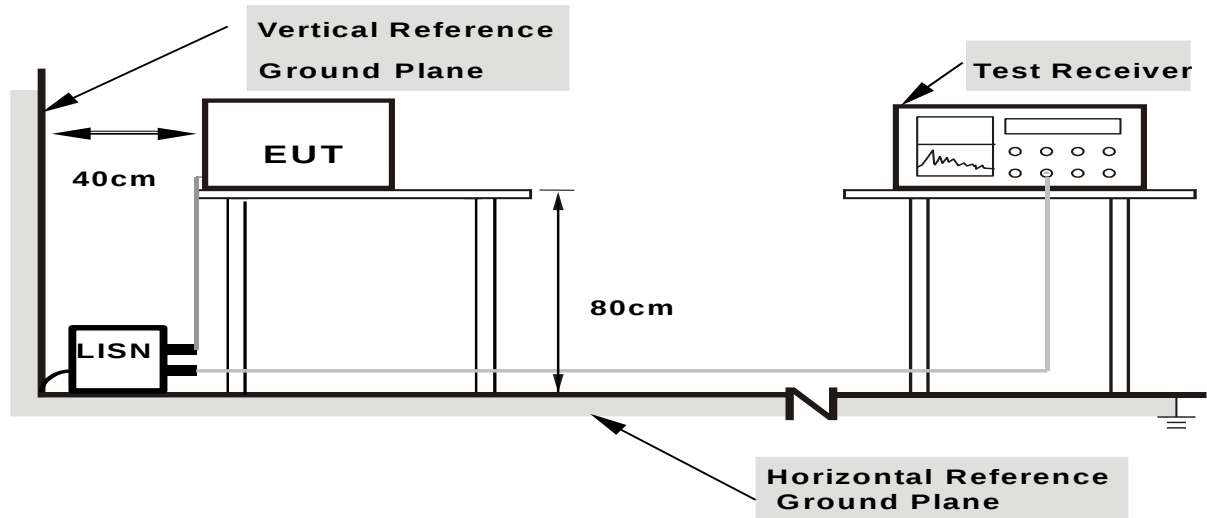
3.3.2 TEST PROCEDURE

- The EUT was placed 0.4 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- LISN at least 80 cm from nearest part of EUT chassis.
- For the actual test configuration, please refer to the related Item –EUT Test Photos.
 Margin=Measure-ment-Limits, Measure-ment=Reading level+Correct Factor

3.3.3 DEVIATION FROM TEST STANDARD

No deviation

3.3.4 TEST SETUP



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

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

3.2.5 TEST RESULT

EUT :	TTL Li-ion Round Head Camera Flash	Model Name :	V1 mid C
Temperature :	20.5 °C	Relative Humidity :	52.4%
Pressure :	1010hPa	Phase :	N/A
Test Voltage :	N/A	Test Mode :	N/A

Note: Not Applicable.

3.4 RADIATED EMISSION MEASUREMENT

3.4.1 Radiated Emission Limits (FCC 15.209)

Frequencies (MHz)	Field Strength (micorvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
Frequency (MHz)	Limit (dBuV)	
30~88	40	3
88~216	43.5	3
216~960	46	3
960 -10000	54.00	3
*902 - 928	94.00	3

Note:

- (1) The tighter limit applies at the band edges.
- (2) Emission level (dBuV/m)=20log Emission level (uV/m).
- (3) *Note: This is the limit for the fundamental frequency.

LIMITS OF RADIATED EMISSION MEASUREMENT (FCC 15.249)

Frequency of Emission (MHz)	Field Strength of fundamental ((millivolts /meter)	Field Strength of Harmonics (microvolts/meter)
2400-2483.5	50	500

Notes:

- (1) Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in Section 15.209, whichever is the lesser attenuation.

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RB / VB (emission in restricted band)	1MHz / 1MHz for Peak

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~150kHz / RB 200Hz for QP
Start ~ Stop Frequency	150kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP

3.4.2 TEST PROCEDURE

- a. The measuring distance of at 3 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
- b. The EUT was placed on the top of a rotating table 0.8 m for below 1GHz and 1.5m for above 1GHz the ground at a 3 meter. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The height of the equipment or of the substitution antenna shall be 0.8 m for below 1GHz and 1.5m for above 1GHz; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
- f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

Note:

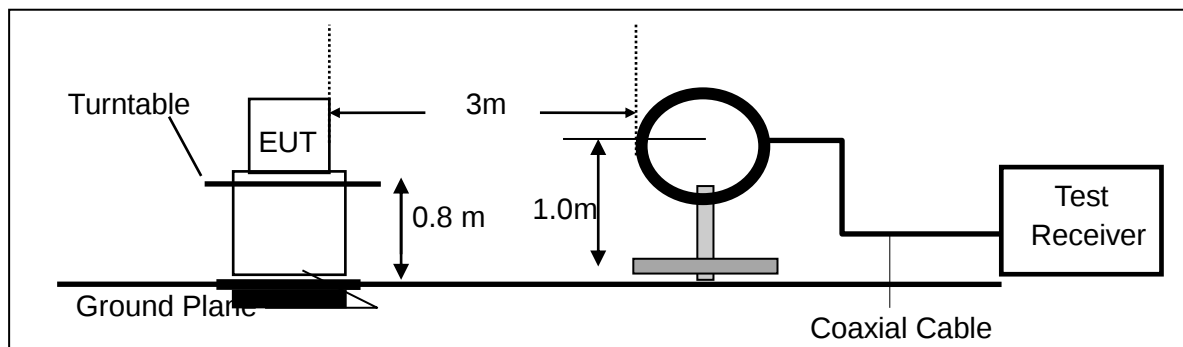
Both horizontal and vertical antenna polarities were tested
and performed pretest to three orthogonal axis. The worst case emissions were reported

3.4.3 DEVIATION FROM TEST STANDARD

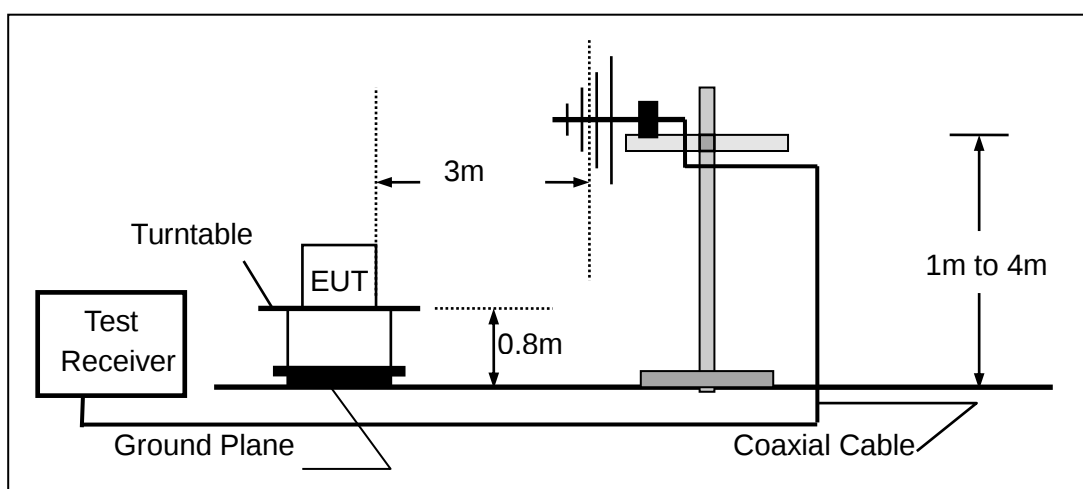
No deviation

(A) Radiated Emission Test-Up Frequency Below 30MHz

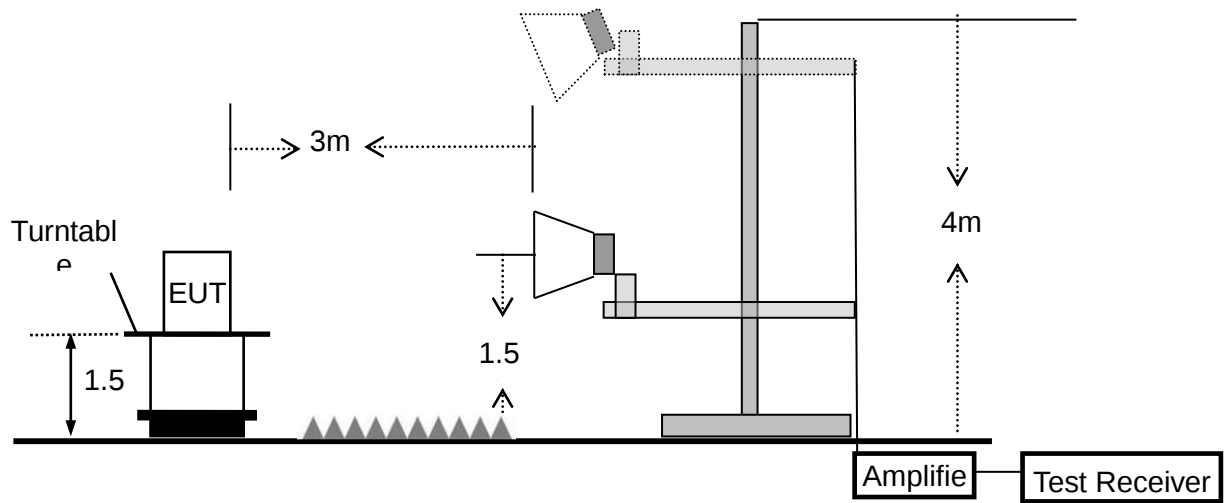
(a)



(B) Radiated Emission Test-Up Frequency 30MHz~1GHz



(C) Radiated Emission Test-Up Frequency Above 1GHz



3.4.4 TEST RESULTS (BELOW 30MHz)

EUT :	TTL Li-ion Round Head Camera Flash	Model Name. :	V1 mid C
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 7.2V
Test Mode :	TX	Polarization :	--

Freq.	Reading	Limit	Margin	State
(MHz)	(dBuV/m)	(dBuV/m)	(dB)	P/F
--	--	--	--	PASS
--	--	--	--	PASS

NOTE:

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

Remark:1. Emission level in dBuV/m=20 log (uV/m)

2. Measurement was performed at an antenna to the closed point of EUT distance of meters.

3. For Frequency 9kHz~30MHz:

Distance extrapolation factor =40log(Specific distance/ test distance)(dB);

Limit line=Specific limits(dBuV) + distance extrapolation factor.

For Frequency above 30MHz:

Distance extrapolation factor =20log(Specific distance/ test distance)(dB);

Limit line=Specific limits(dBuV) + distance extrapolation factor.

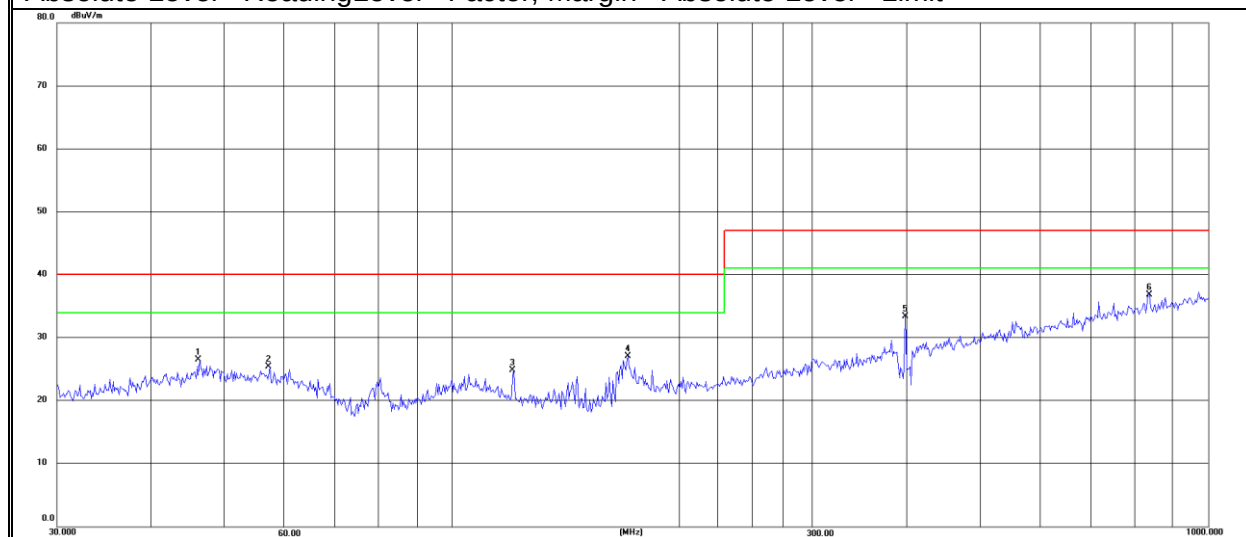
3.4.5 TEST RESULTS (BELOW 1000 MHz)

EUT :	TTL Li-ion Round Head Camera Flash	Model Name :	V1 mid C
Temperature :	23.1 °C	Relative Humidity :	53%
Pressure :	1010 hPa	Test Voltage :	DC 7.2V
Test Mode :	Mode 1	Polarization :	Vertical

Polar (H/V)	Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
	(MHz)	(dBuV)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
V	46.3400	6.62	19.89	26.51	40.00	-13.49	peak
V	57.3920	6.29	19.10	25.39	40.00	-14.61	peak
V	120.6990	8.68	16.17	24.85	40.00	-15.15	peak
V	170.7930	11.57	15.47	27.04	40.00	-12.96	peak
V	397.6334	10.90	22.56	33.46	47.00	-13.54	peak
V	836.2443	7.13	29.69	36.82	47.00	-10.18	peak

Remark:

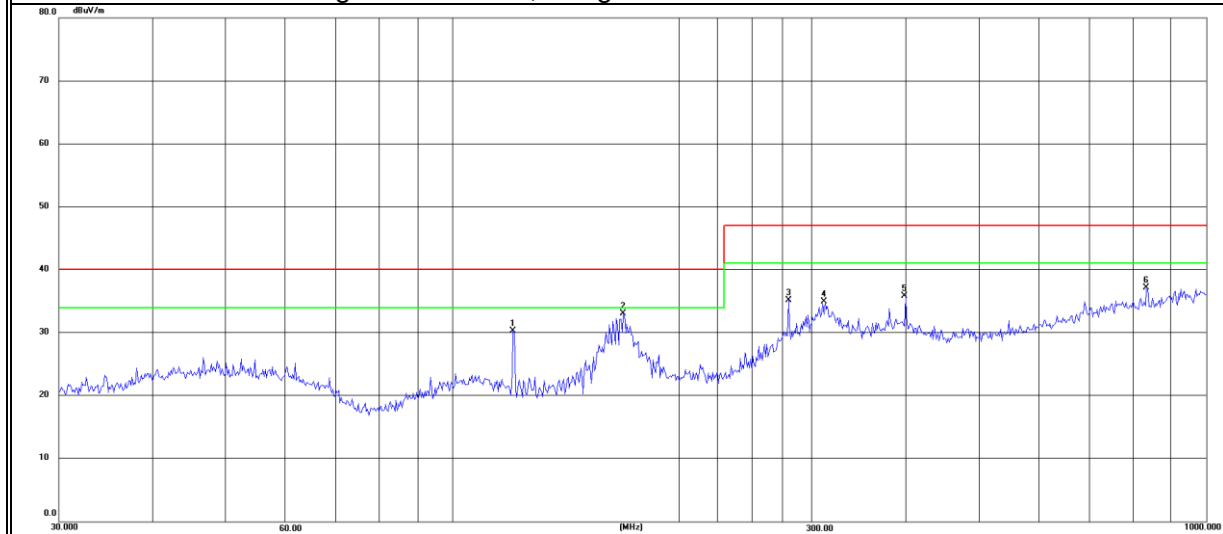
Absolute Level= ReadingLevel+ Factor, Margin= Absolute Level - Limit



Polar (H/V)	Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
	(MHz)	(dBuV)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
H	120.2770	14.16	16.20	30.36	40.00	-9.64	peak
H	168.4140	17.55	15.50	33.05	40.00	-6.95	peak
H	279.0440	15.44	19.79	35.23	47.00	-11.77	peak
H	312.1790	14.19	20.75	34.94	47.00	-12.06	peak
H	399.0300	13.16	22.68	35.84	47.00	-11.16	peak
H	836.2440	7.50	29.69	37.19	47.00	-9.81	peak

Remark:

Absolute Level= ReadingLevel+ Factor, Margin= Absolute Level - Limit



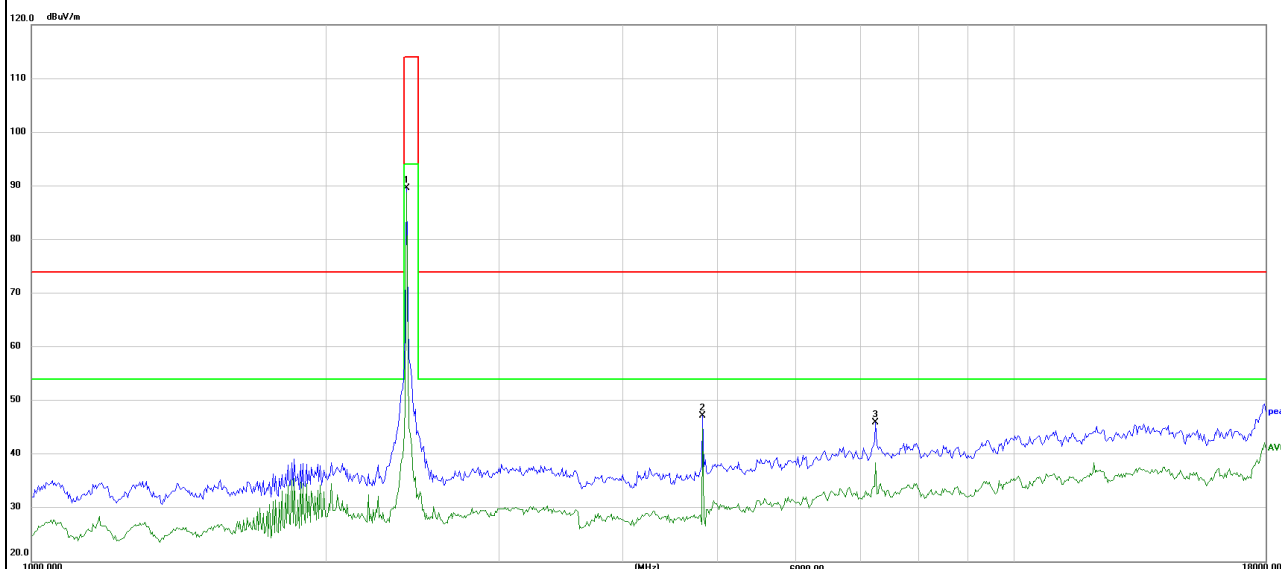
Note: Only report the worst data, mode 1 is the worst, all other modes have been tested.

3.4.6 TEST RESULTS (ABOVE 1000 MHZ)

Note: For above 18GHz, the amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

EUT :	TTL Li-ion Round Head Camera Flash	Model Name :	V1 mid C
Temperature :	26.2 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 7.2V
Test Mode :	TX 2412.999MHz	Polarization :	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
2412.999	108.78	-19.15	89.63	94	-4.37	Peak
4825.998	60.09	-12.94	47.15	54	-6.85	Peak
7238.997	54.58	-8.65	45.93	54	-8.07	Peak

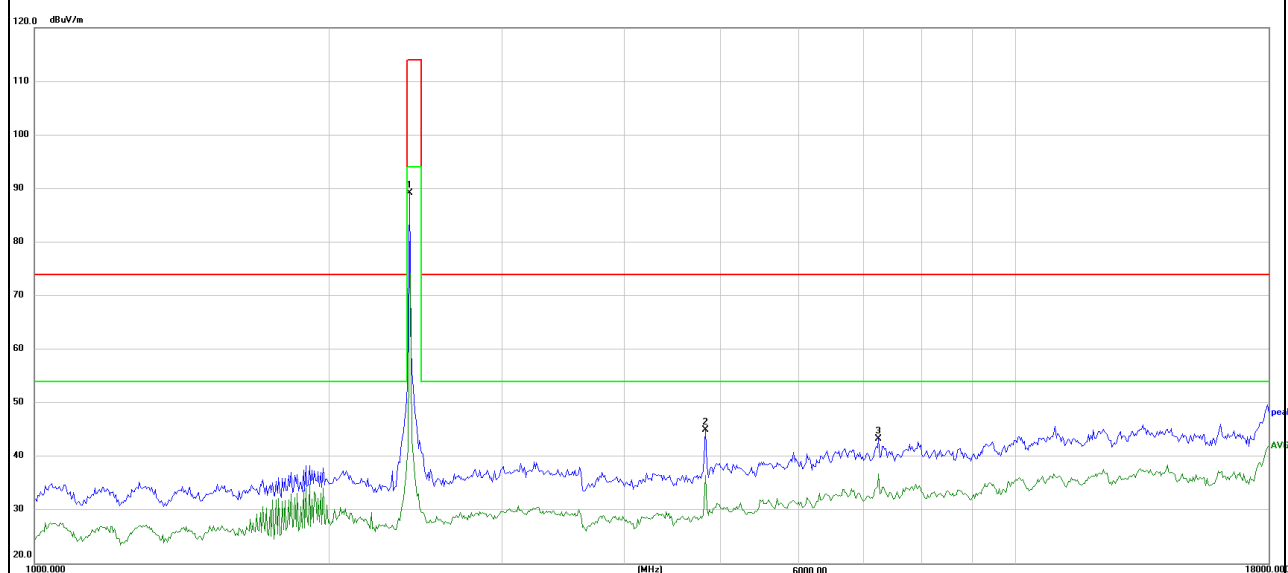


Remark:

1. Factor = Antenna Factor + Cable Loss – Pre-amplifier.
2. Since the Peak value is less than the limit of Average, the report does not need to record the Average value.

EUT :	TTL Li-ion Round Head Camera Flash	Model Name :	V1 mid C
Temperature :	26.2 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 7.2V
Test Mode :	TX 2412.999MHz	Polarization :	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
2412.999	108.28	-19.15	89.13	94	-4.87	Peak
4825.998	57.95	-12.94	45.01	54	-8.99	Peak
7238.997	52.05	-8.65	43.40	54	-10.6	Peak

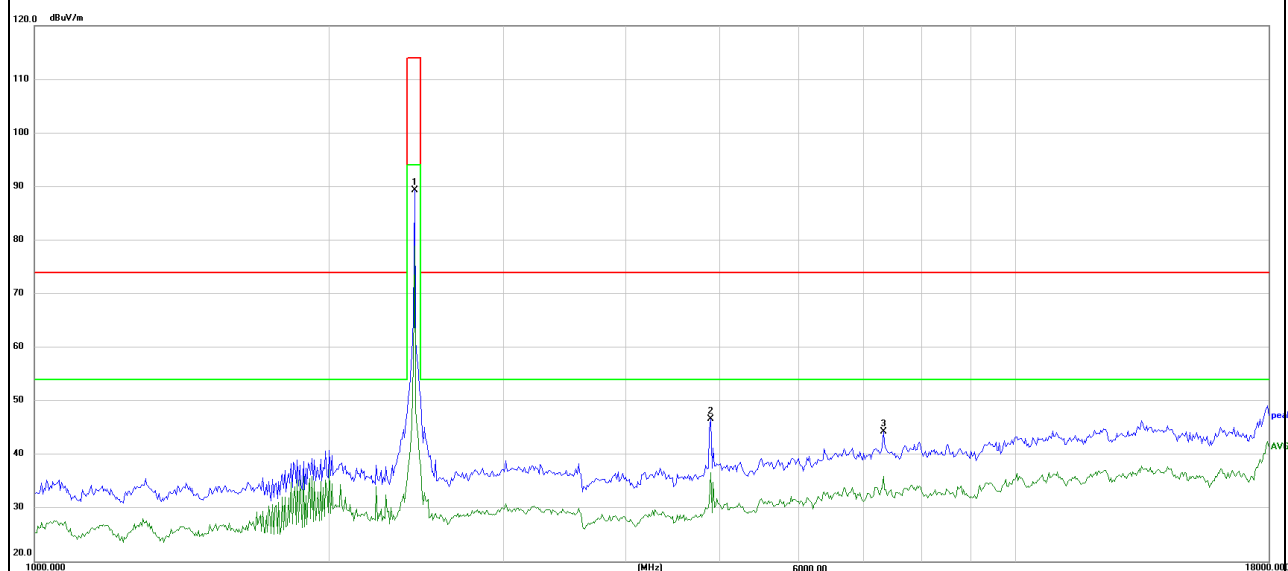


Remark:

1. Factor = Antenna Factor + Cable Loss – Pre-amplifier.
2. Since the Peak value is less than the limit of Average, the report does not need to record the Average value.

EUT :	TTL Li-ion Round Head Camera Flash	Model Name :	V1 mid C
Temperature :	26.2 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 7.2V
Test Mode :	TX 2439.499MHz	Polarization :	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
2439.499	108.37	-19.04	89.33	94	-4.67	Peak
4878.998	59.84	-13.19	46.65	54	-7.35	Peak
7318.497	52.41	-8.16	44.25	54	-9.75	Peak

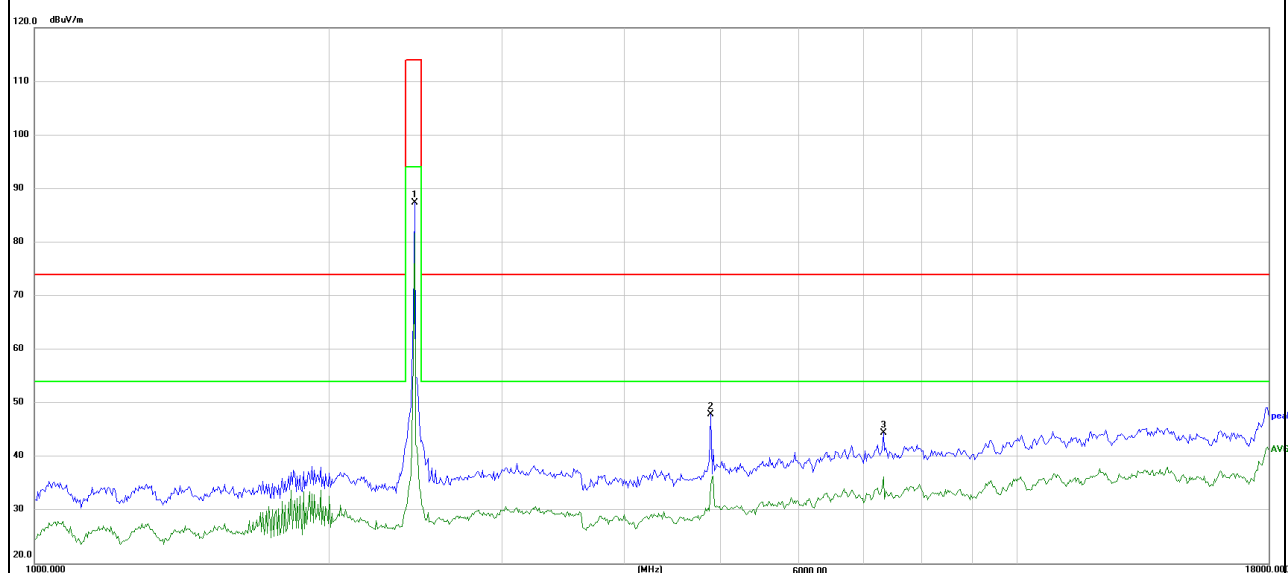


Remark:

- Factor = Antenna Factor + Cable Loss – Pre-amplifier.
- Since the Peak value is less than the limit of Average, the report does not need to record the Average value.

EUT :	TTL Li-ion Round Head Camera Flash	Model Name :	V1 mid C
Temperature :	26.2 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 7.2V
Test Mode :	TX 2439.499MHz	Polarization :	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
2439.499	106.37	-19.04	87.33	94	-6.67	Peak
4878.998	61.14	-13.19	47.95	54	-6.05	Peak
7318.497	52.59	-8.16	44.43	54	-9.57	Peak

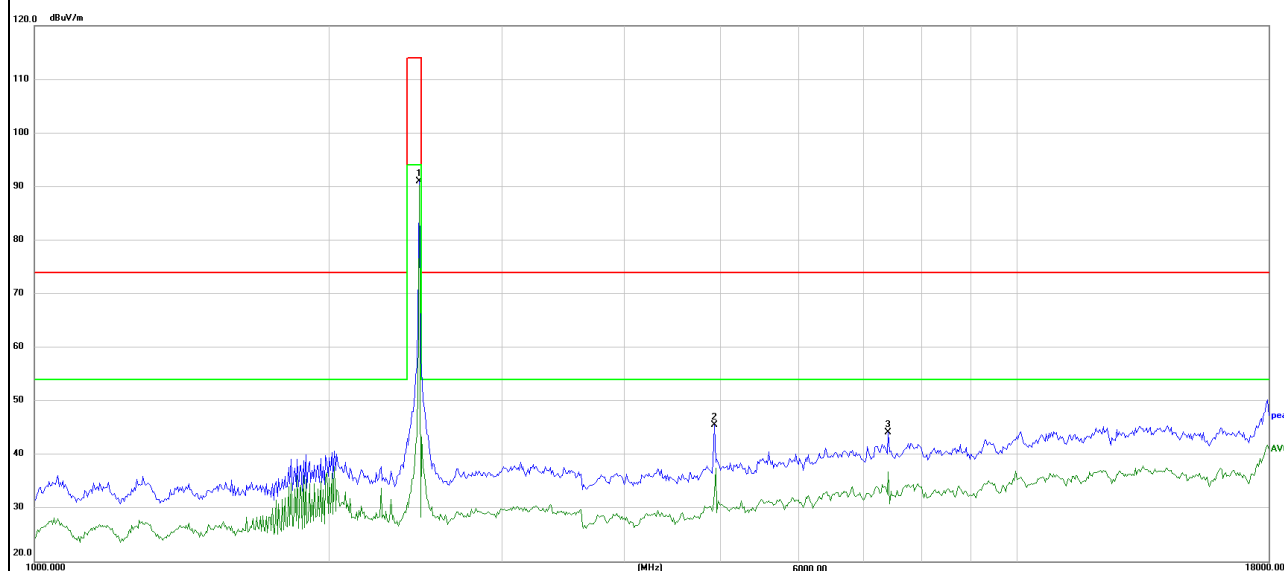


Remark:

- Factor = Antenna Factor + Cable Loss – Pre-amplifier.
- Since the Peak value is less than the limit of Average, the report does not need to record the Average value.

EUT :	TTL Li-ion Round Head Camera Flash	Model Name :	V1 mid C
Temperature :	26.2 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 7.2V
Test Mode :	TX 2464.499MHz	Polarization :	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
2464.499	109.70	-18.73	90.97	94	-3.03	Peak
4928.998	58.22	-12.60	45.62	54	-8.38	Peak
7393.497	53.04	-8.82	44.22	54	-9.78	Peak

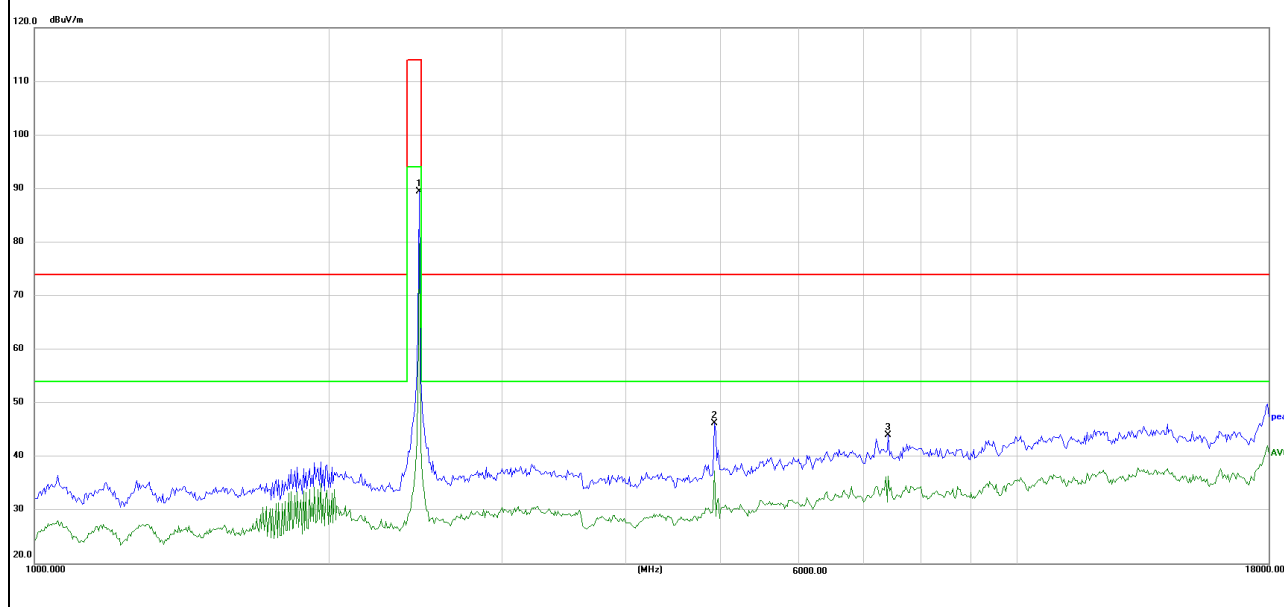


Remark:

1. Factor = Antenna Factor + Cable Loss – Pre-amplifier.
2. Since the Peak value is less than the limit of Average, the report does not need to record the Average value.

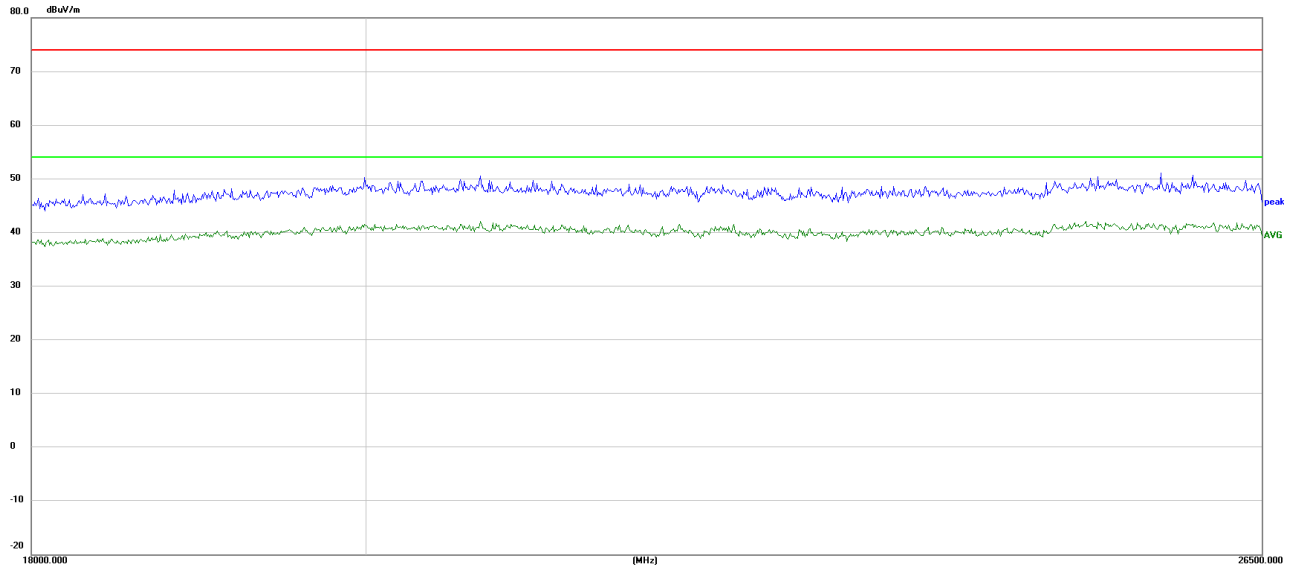
EUT :	TTL Li-ion Round Head Camera Flash	Model Name :	V1 mid C
Temperature :	26.2 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 7.2V
Test Mode :	TX 2464.499MHz	Polarization :	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
2464.499	108.20	-18.73	89.47	94	-4.53	Peak
4928.998	58.78	-12.60	46.18	54	-7.82	Peak
7393.497	52.79	-8.81	43.98	54	-10.02	Peak

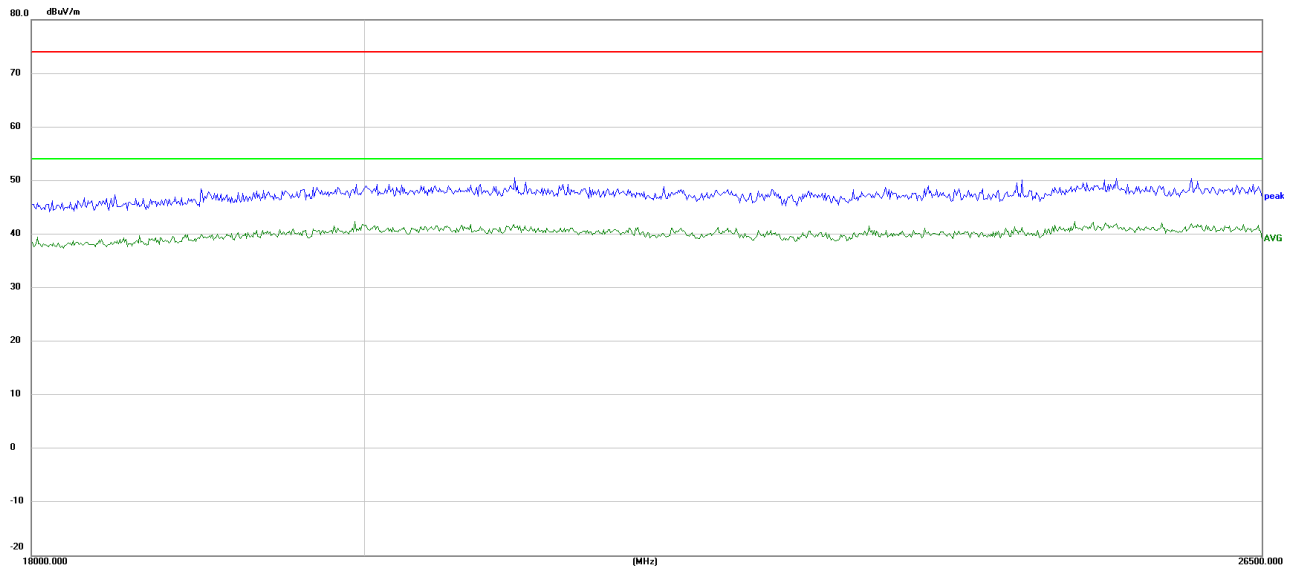


18-25G

TX 2464.499MHz- Vertical



TX 2464.499MHz- Horizontal



Remark:

1. Factor = Antenna Factor + Cable Loss – Pre-amplifier.
2. Since the Peak value is less than the limit of Average, the report does not need to record the Average value.

3.4.7 TEST RESULTS (RESTRICTED BANDS REQUIREMENTS)

EUT :	TTL Li-ion Round Head Camera Flash	Model Name :	V1 mid C
Temperature :	26.2 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 7.2V
Test Mode :	TX 2412.999MHz	Polarization :	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
2389.500	56.97	-7.31	49.66	74.00	-24.34	Pk
2389.500	42.70	-7.31	35.39	54.00	-18.61	AV
2390.000	54.70	-7.31	47.39	74.00	-26.61	Pk
2390.000	42.95	-7.31	35.64	54.00	-18.36	AV

Remark:

Factor = Antenna Factor + Cable Loss – Pre-amplifier.

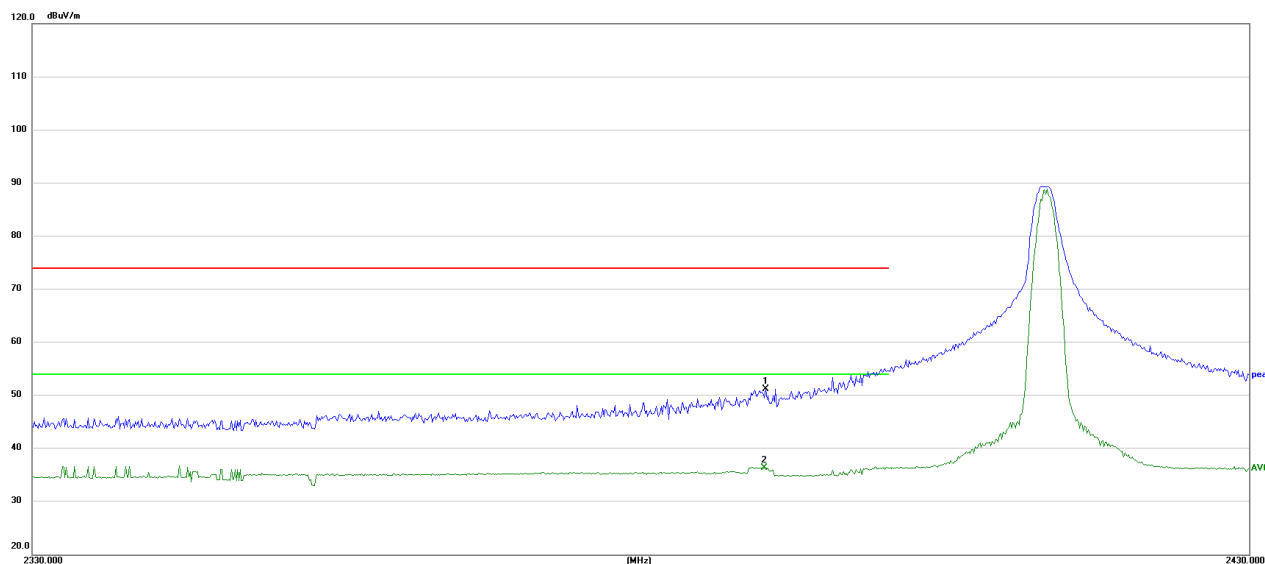


EUT :	TTL Li-ion Round Head Camera Flash	Model Name :	V1 mid C
Temperature :	26.2 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 7.2V
Test Mode :	TX 2412.999MHz	Polarization :	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
2390.000	58.61	-7.31	51.30	74.00	-22.70	Pk
2390.000	43.69	-7.31	36.38	54.00	-17.62	AV

Remark:

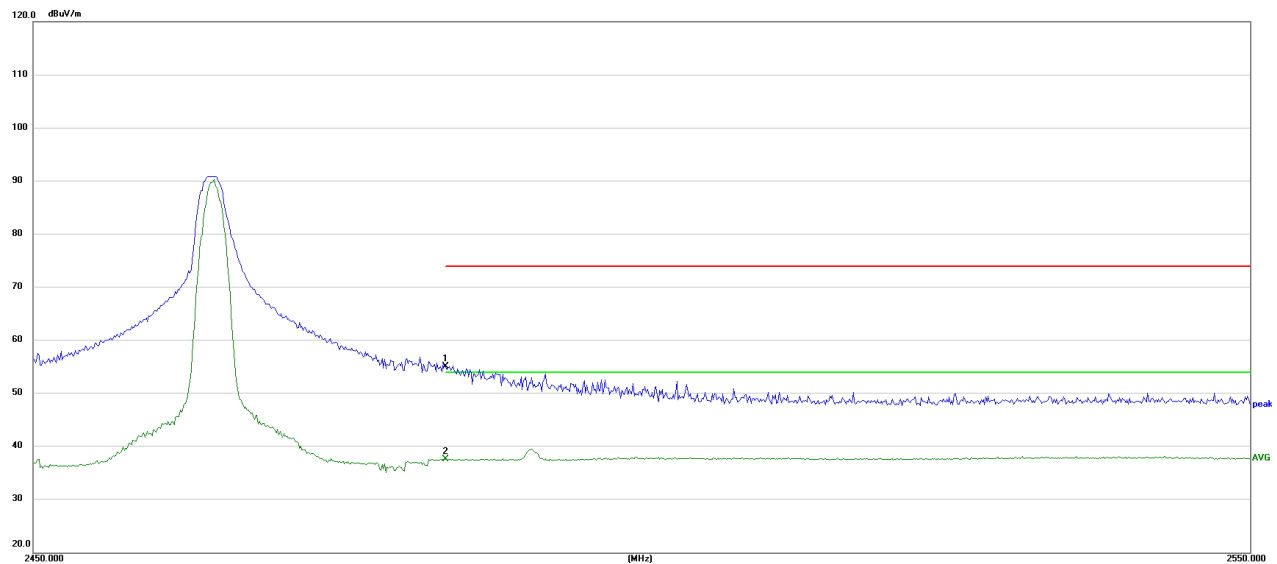
Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	TTL Li-ion Round Head Camera Flash	Model Name :	V1 mid C
Temperature :	26.2 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 7.2V
Test Mode :	TX 2464.499MHz	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
2483.50	61.54	-6.38	55.16	74.00	-18.84	Pk
2483.50	44.04	-6.38	37.66	54.00	-16.34	AV

Remark:
Factor = Antenna Factor + Cable Loss – Pre-amplifier.

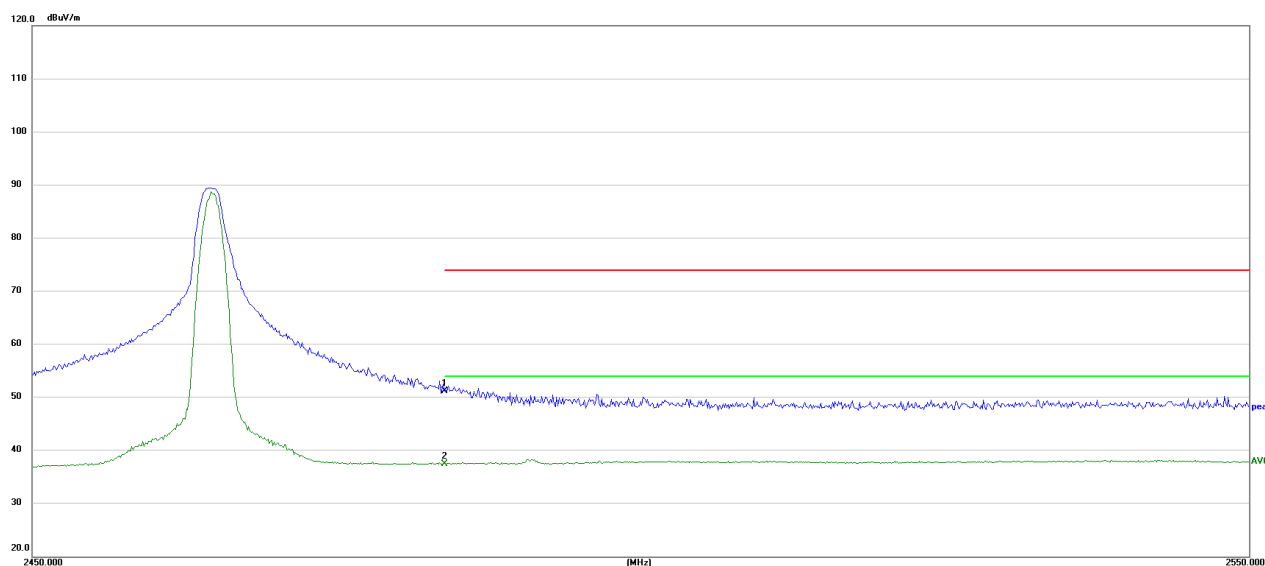


EUT :	TTL Li-ion Round Head Camera Flash	Model Name :	V1 mid C
Temperature :	26.2 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 7.2V
Test Mode :	TX 2464.499MHz	Polarization :	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
2483.50	57.68	-6.38	51.30	74.00	-22.70	Pk
2483.50	43.97	-6.38	37.59	54.00	-16.41	AV

Remark:

Factor = Antenna Factor + Cable Loss – Pre-amplifier.



4. BANDWIDTH TEST

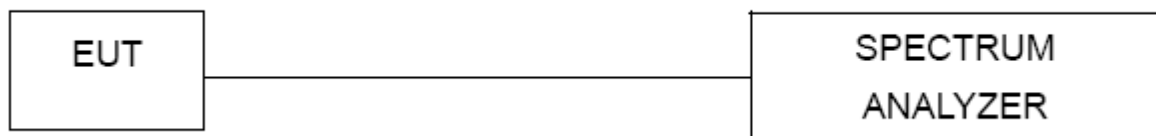
4.1 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- b. Spectrum Setting : RBW= 10KHz, VBW $\geq$ 3RBW, Sweep time = Auto.

4.2 DEVIATION FROM STANDARD

No deviation.

4.3 TEST SETUP



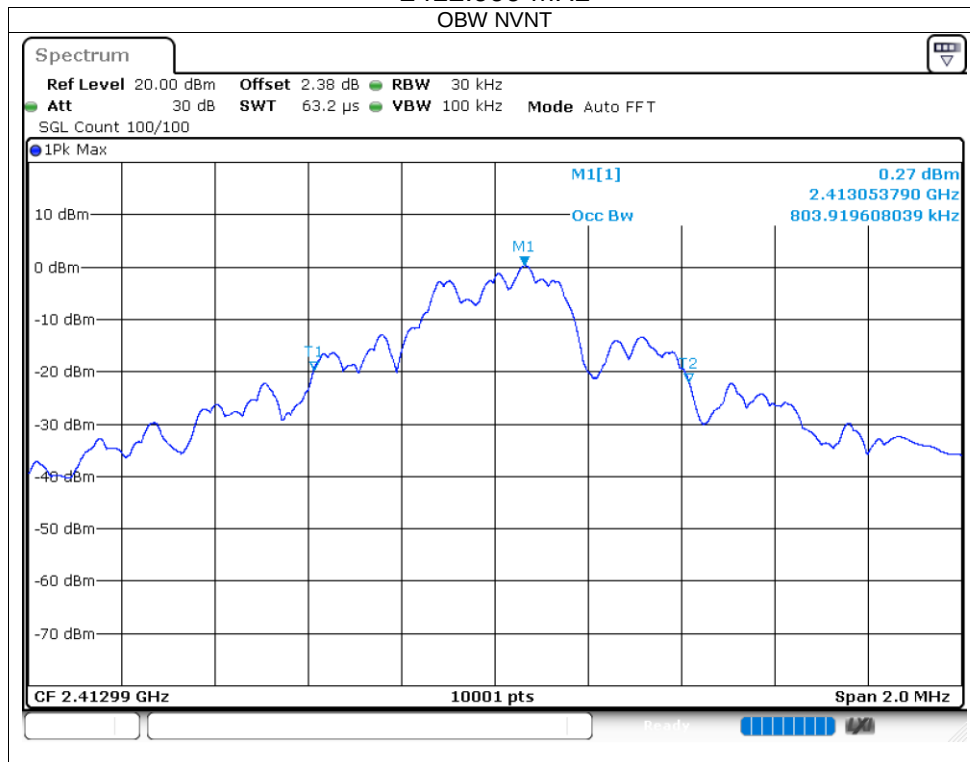
5. TEST RESULTS

EUT :	TTL Li-ion Round Head Camera Flash	Model Name :	V1 mid C
Temperature :	26 °C	Relative Humidity :	53%
Pressure :	1020 hPa	Test Power :	DC 7.2V
Test Mode :	Mode 1/2/3		

Test Frequency (MHz)	20 dBc Bandwidth (MHz)
2412.999	0.804
2439.499	0.787
2464.499	0.861

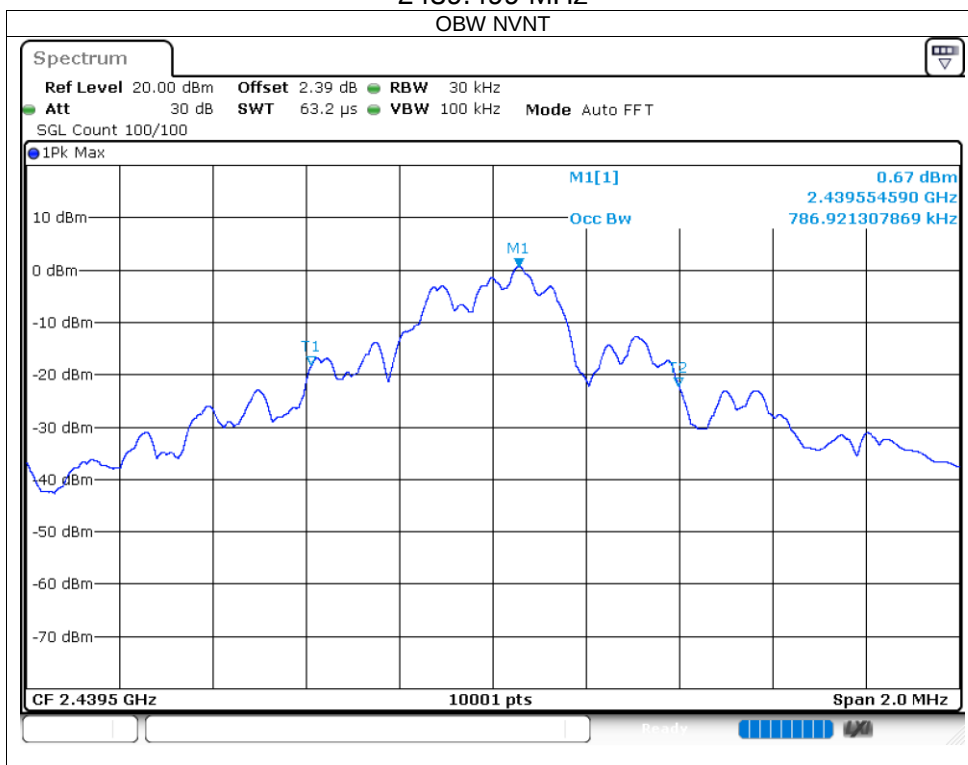
2412.999 MHz

OBW NVNT



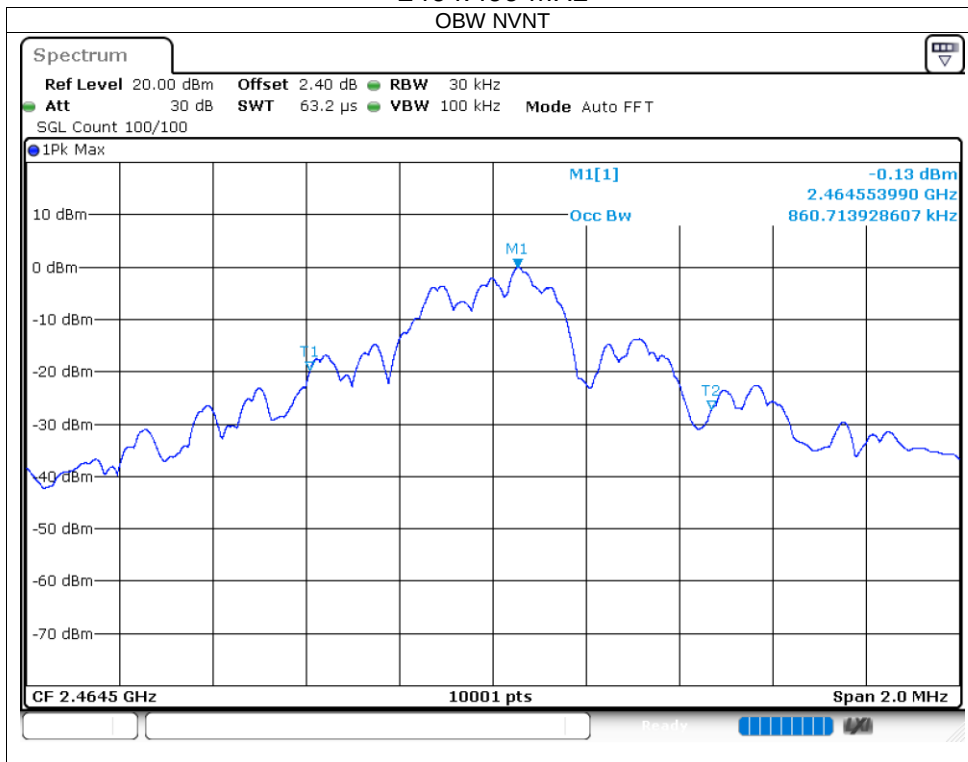
2439.499 MHz

OBW NVNT



2464.499 MHz

OBW NVNT



END OF REPORT