

Appendix B: Test Results of Bluetooth Low Energy

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Appendix B.1: Test Results of Conducted Power Spectral Density

TestMode	Antenna	Channel	Result[dBm/3-100 kHz]	Limit[dBm/3 kHz]	Verdict
BLE_1M	Ant1	2402	-5.56	≤8.00	PASS
		2440	-5.10	≤8.00	PASS
		2480	-5.86	≤8.00	PASS
BLE_2M	Ant1	2402	-11.45	≤8.00	PASS
		2440	-11.48	≤8.00	PASS
		2480	-11.66	≤8.00	PASS

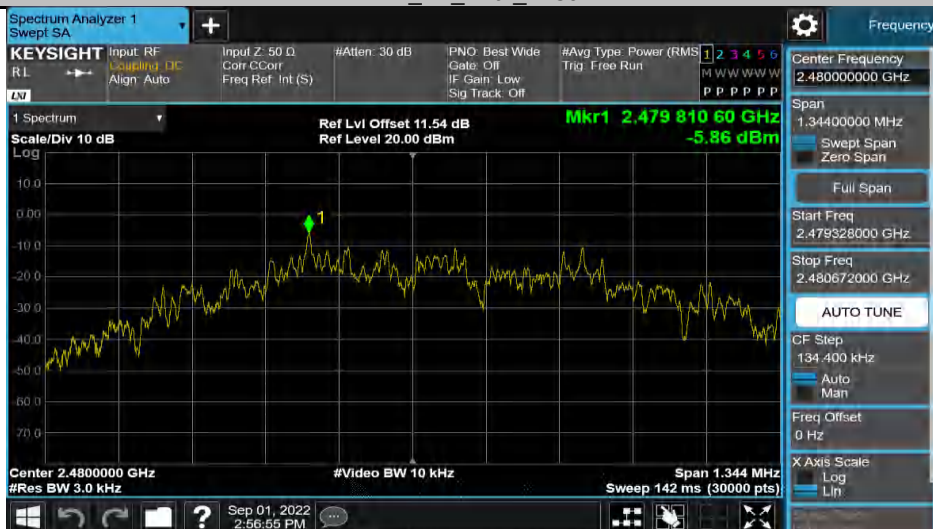
BLE_1M_Ant1_2402



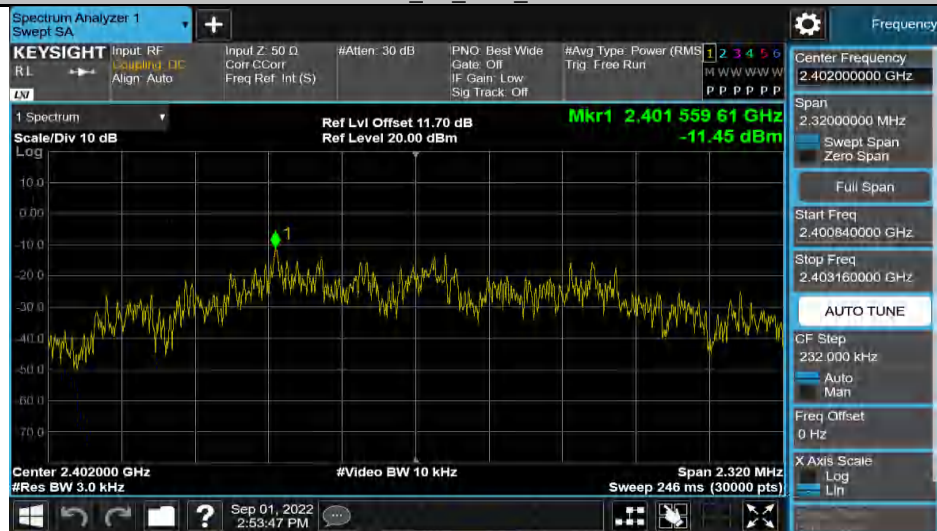
BLE_1M_Ant1_2440



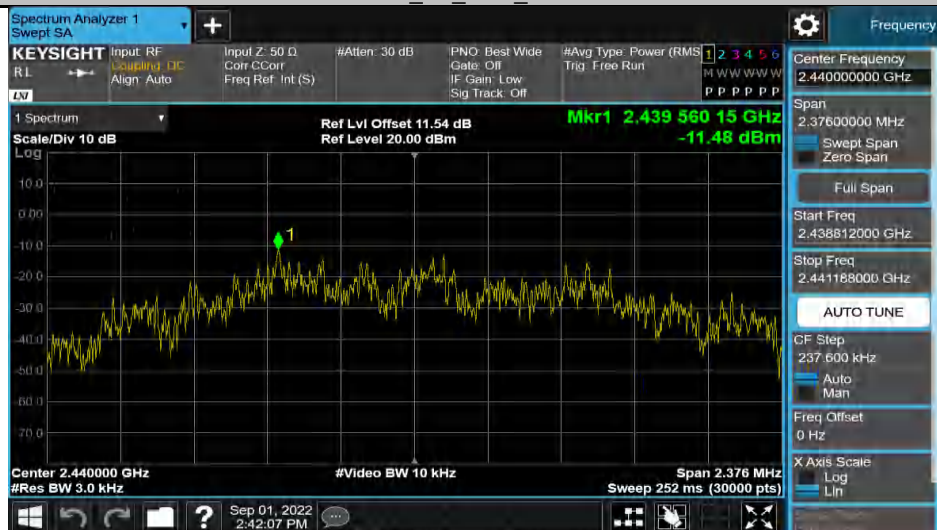
BLE_1M_Ant1_2480



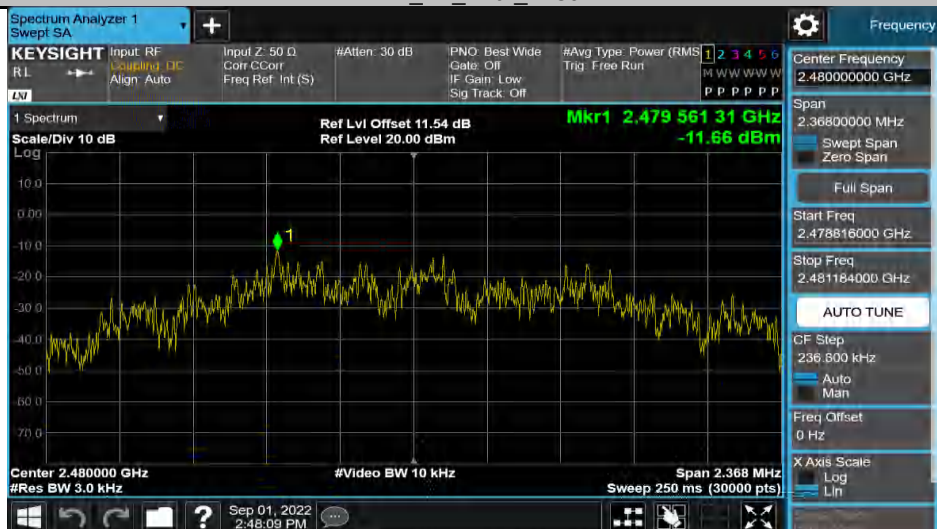
BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



Appendix B.2: Test Results of 6dB Bandwidth

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.620	2401.728	2402.348	0.5	PASS
		2440	0.664	2439.732	2440.396	0.5	PASS
		2480	0.672	2479.720	2480.392	0.5	PASS
BLE_2M	Ant1	2402	1.160	2401.476	2402.636	0.5	PASS
		2440	1.188	2439.440	2440.628	0.5	PASS
		2480	1.184	2479.452	2480.636	0.5	PASS



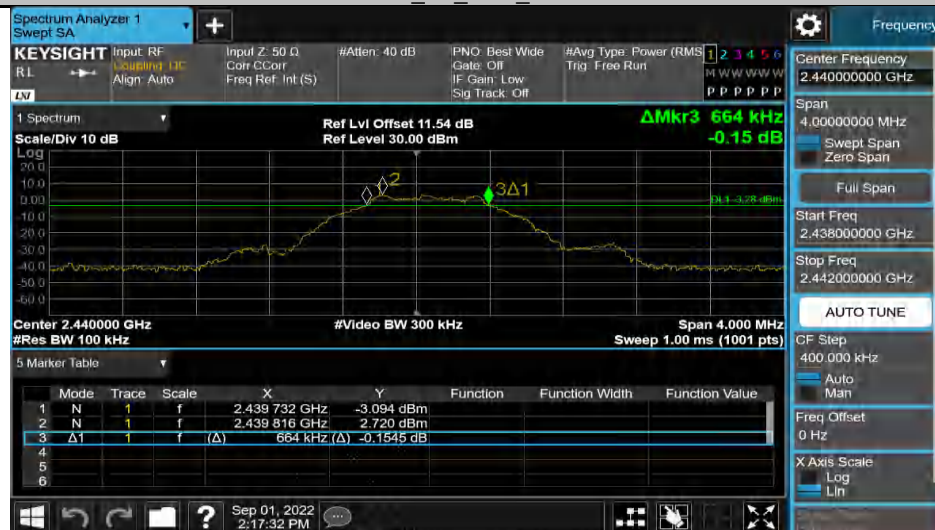
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BLE_1M_Ant1_2402



BLE_1M_Ant1_2440



BLE_1M_Ant1_2480





BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



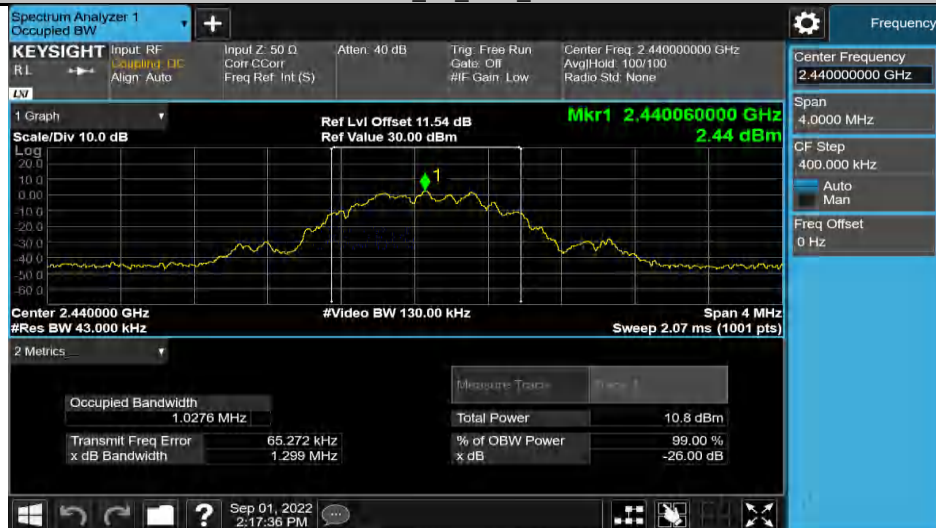
Appendix B.3: Test Results of 99% Bandwidth

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0238	2401.5508	2402.5746	---	PASS
		2440	1.0276	2439.5515	2440.5791	---	PASS
		2480	1.0316	2479.5496	2480.5812	---	PASS
BLE_2M	Ant1	2402	2.0335	2401.0519	2403.0854	---	PASS
		2440	2.0242	2439.0540	2441.0782	---	PASS
		2480	2.0365	2479.0516	2481.0881	---	PASS

BLE_1M_Ant1_2402



BLE_1M_Ant1_2440



BLE_1M_Ant1_2480



BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



Appendix B.4: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

Conducted Spurious Emission

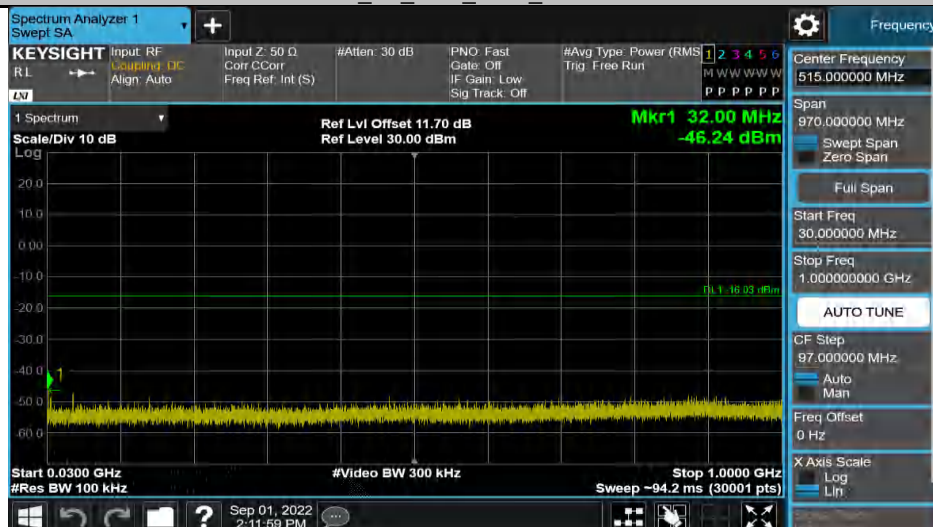
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	3.97	3.97	---	PASS
			30~1000	3.97	-46.24	≤-16.03	PASS
			1000~26500	3.97	-39.05	≤-16.03	PASS
		2440	Reference	2.25	2.25	---	PASS
			30~1000	2.25	-46.7	≤-17.75	PASS
			1000~26500	2.25	-39.22	≤-17.75	PASS
		2480	Reference	3.60	3.60	---	PASS
			30~1000	3.60	-46.24	≤-16.4	PASS
			1000~26500	3.60	-39.21	≤-16.4	PASS
BLE_2M	Ant1	2402	Reference	0.51	0.51	---	PASS
			30~1000	0.51	-46.21	≤-19.49	PASS
			1000~26500	0.51	-38.6	≤-19.49	PASS
		2440	Reference	1.24	1.24	---	PASS
			30~1000	1.24	-46.43	≤-18.76	PASS
			1000~26500	1.24	-39.63	≤-18.76	PASS
		2480	Reference	1.72	1.72	---	PASS
			30~1000	1.72	-46.41	≤-18.28	PASS
			1000~26500	1.72	-39.47	≤-18.28	PASS



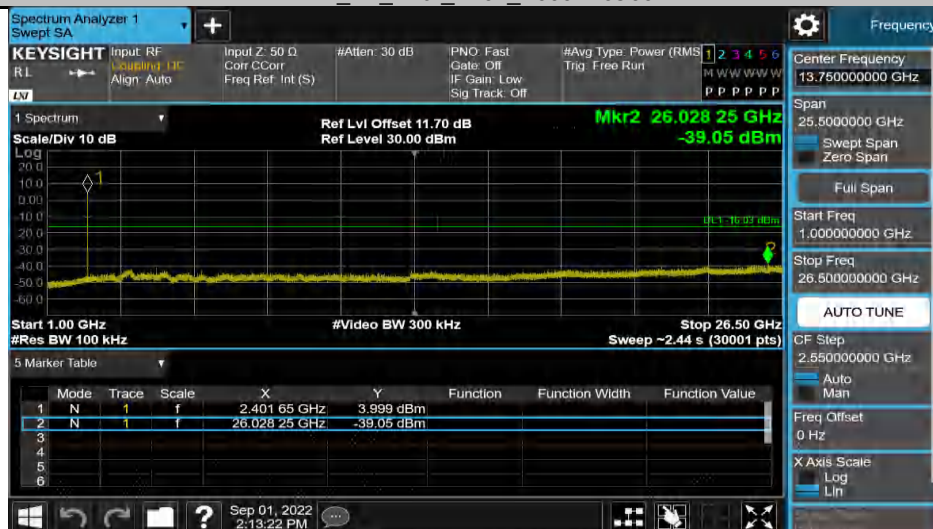
BLE_1M_Ant1_2402_0-Reference



BLE_1M_Ant1_2402_30-1000



BLE_1M_Ant1_2402_1000-26500

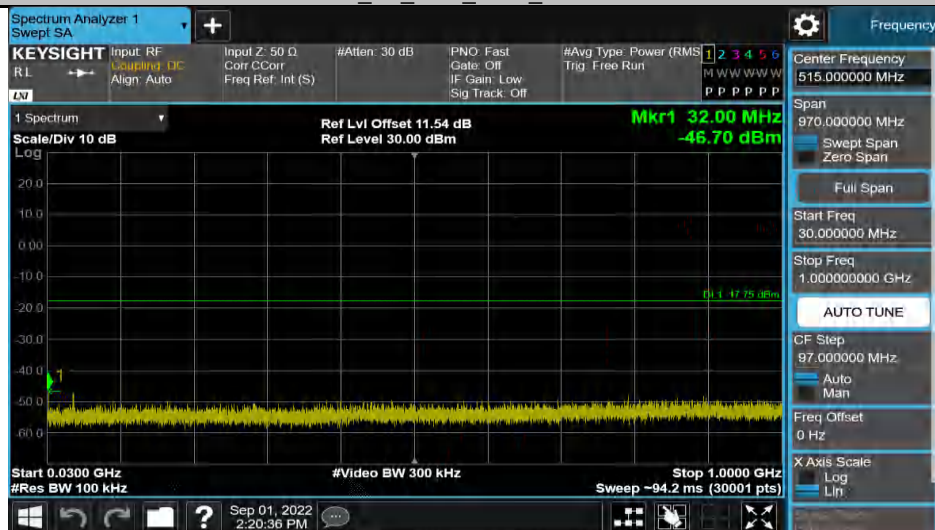




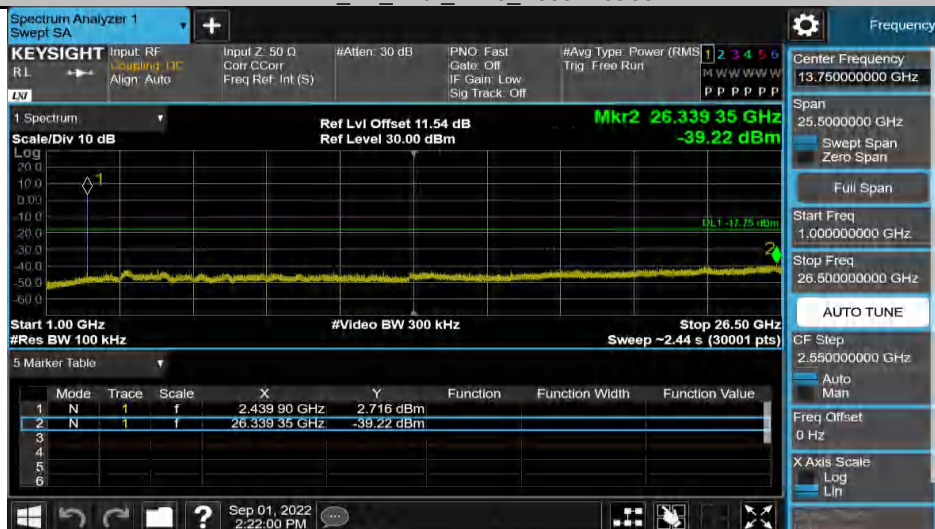
BLE_1M_Ant1_2440_0-Reference



BLE_1M_Ant1_2440_30-1000



BLE_1M_Ant1_2440_1000-26500

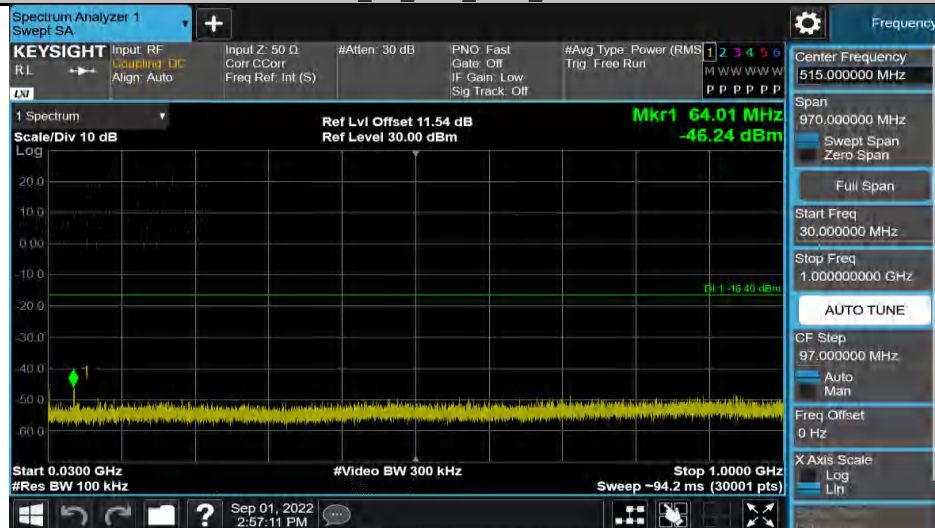




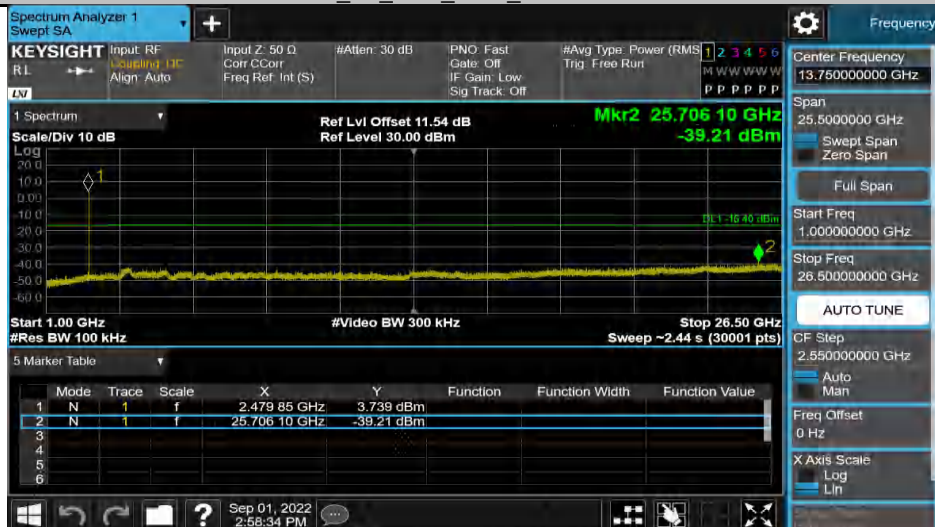
BLE_1M_Ant1_2480_0-Reference



BLE_1M_Ant1_2480_30-1000



BLE_1M_Ant1_2480_1000-26500

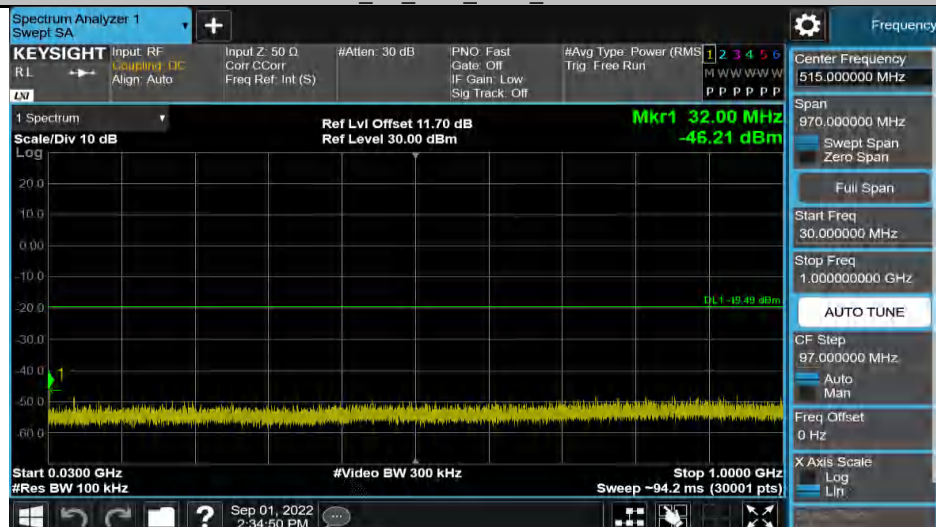




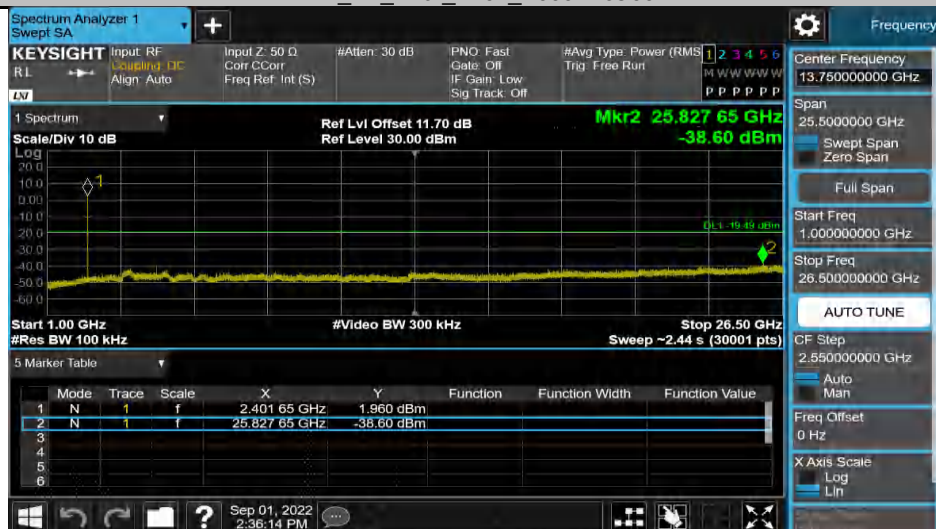
BLE_2M_Ant1_2402_0-Reference



BLE_2M_Ant1_2402_30-1000



BLE_2M_Ant1_2402_1000-26500

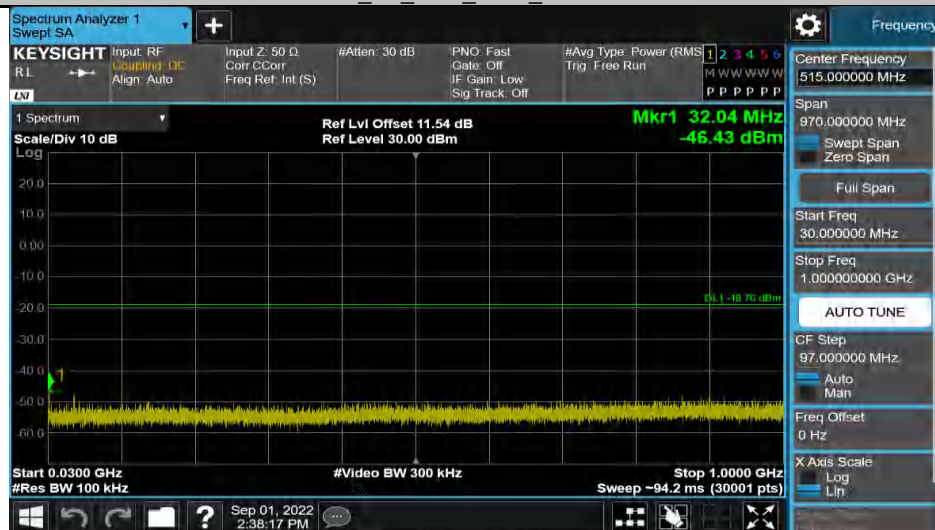




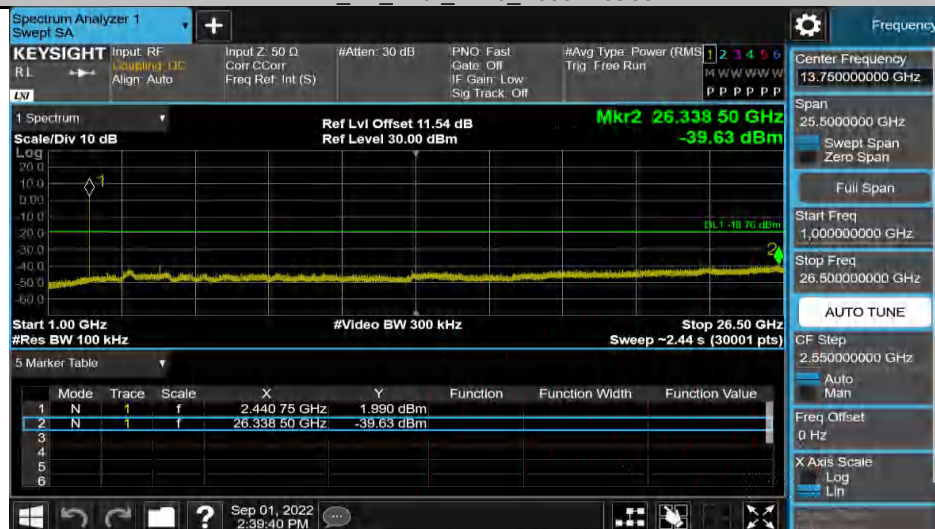
BLE_2M_Ant1_2440_0-Reference



BLE_2M_Ant1_2440_30-1000



BLE_2M_Ant1_2440_1000-26500





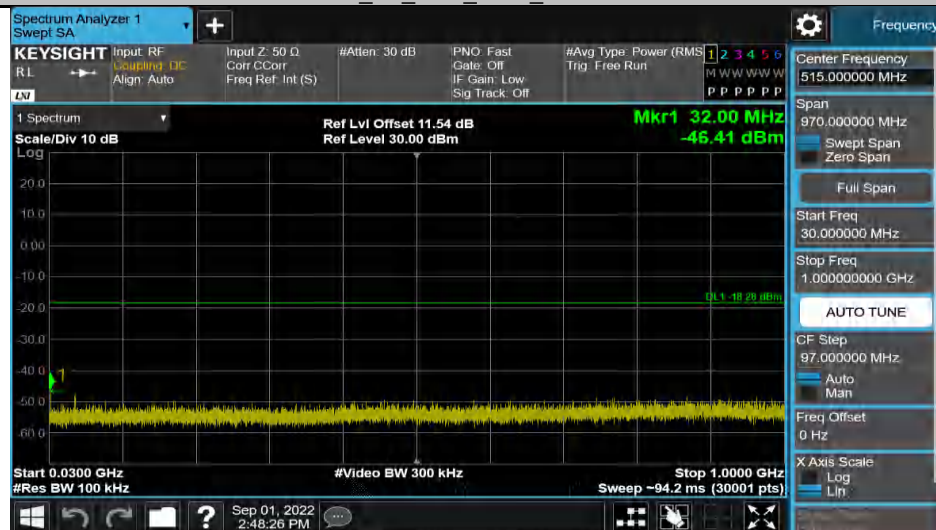
Prüfbericht - Produkte

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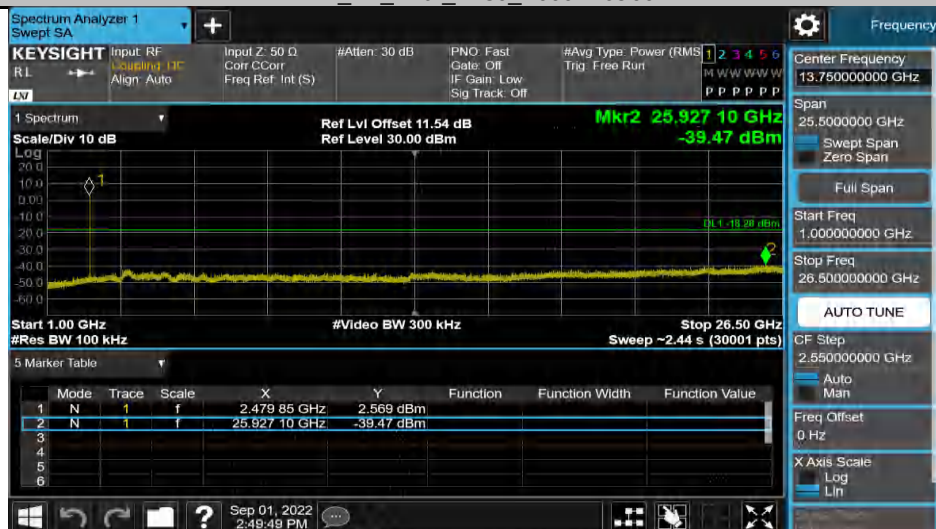
BLE_2M_Ant1_2480_0-Reference



BLE_2M_Ant1_2480_30-1000

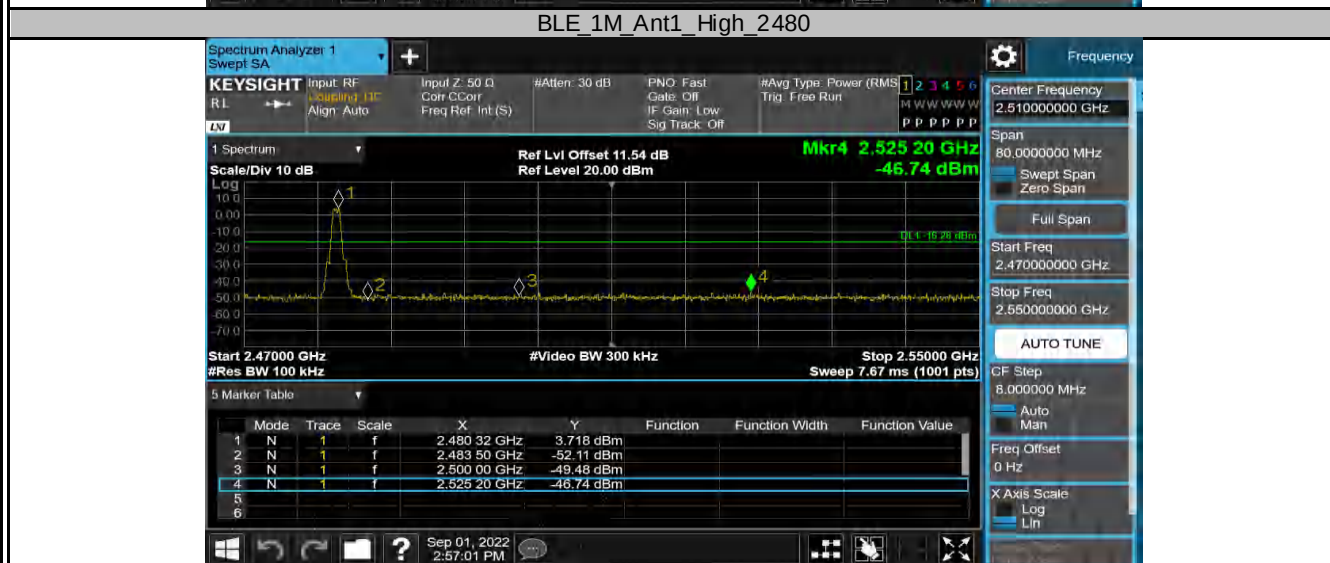
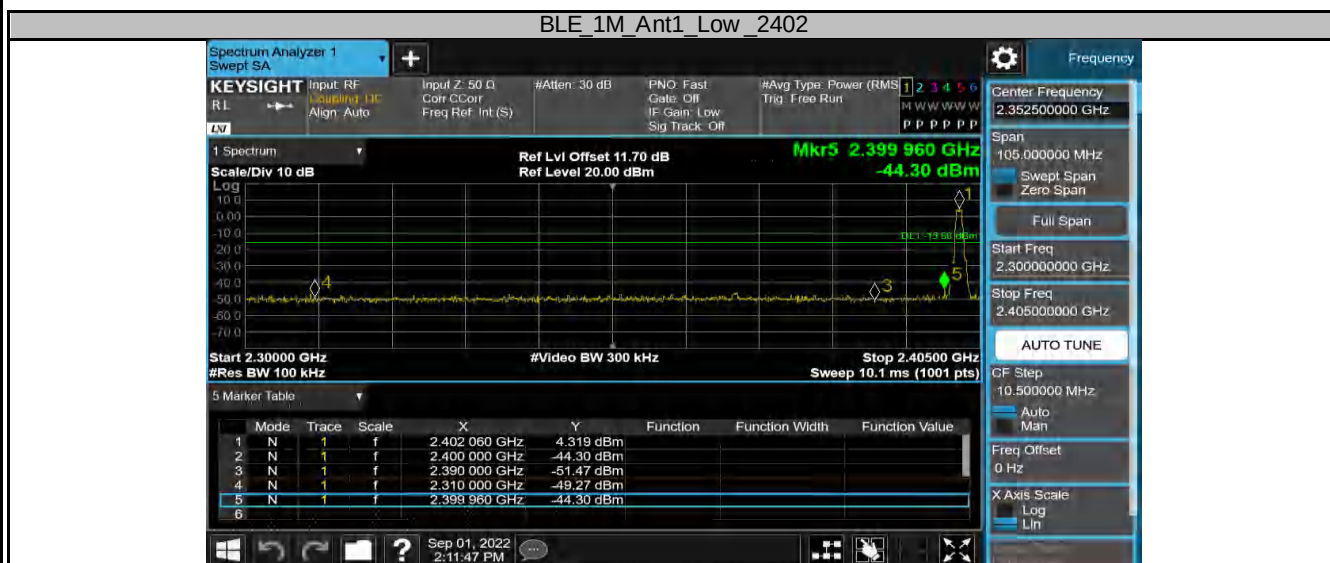


BLE_2M_Ant1_2480_1000-26500

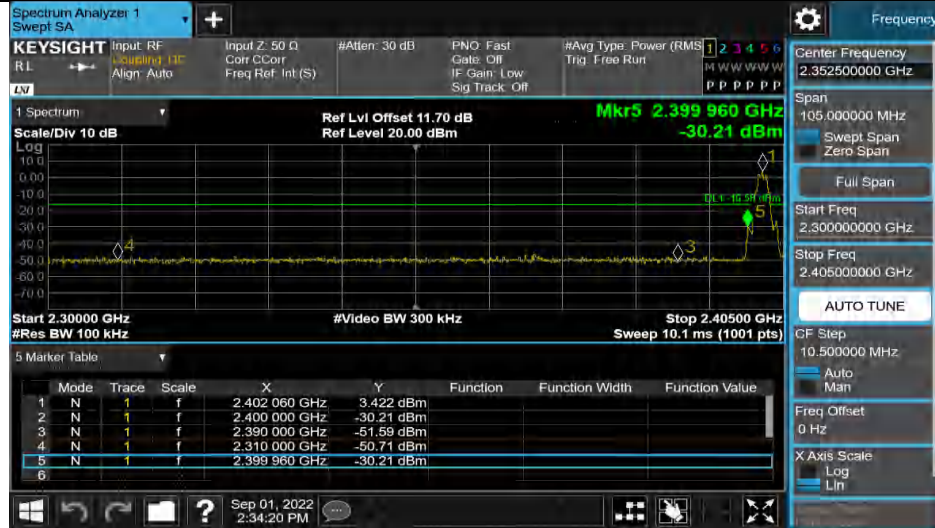


Band Edge

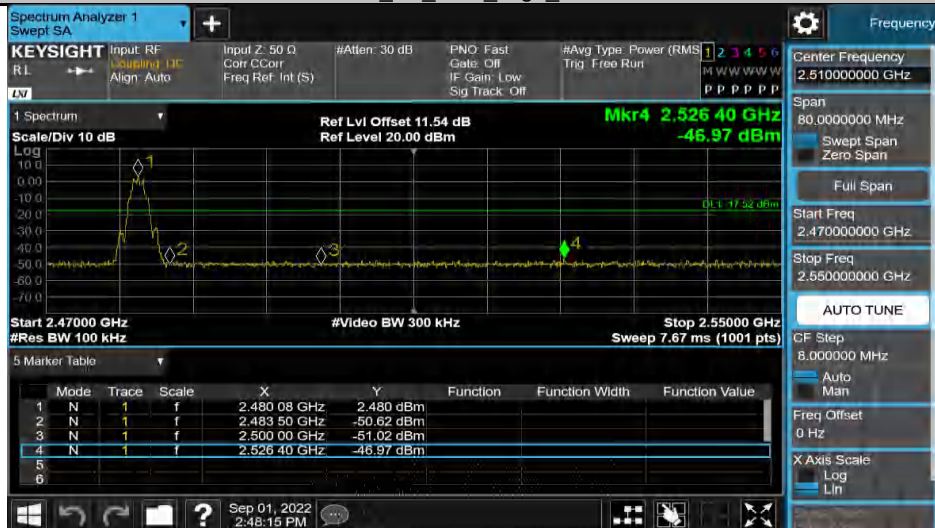
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	4.32	-44.3	≤-15.68	PASS
		High	2480	3.72	-46.74	≤-16.28	PASS
BLE_2M	Ant1	Low	2402	3.42	-30.21	≤-16.58	PASS
		High	2480	2.48	-46.97	≤-17.52	PASS



BLE_2M_Ant1_Low_2402



BLE_2M_Ant1_High_2480



Appendix B.5: Test Results of Radiated Spurious Emissions

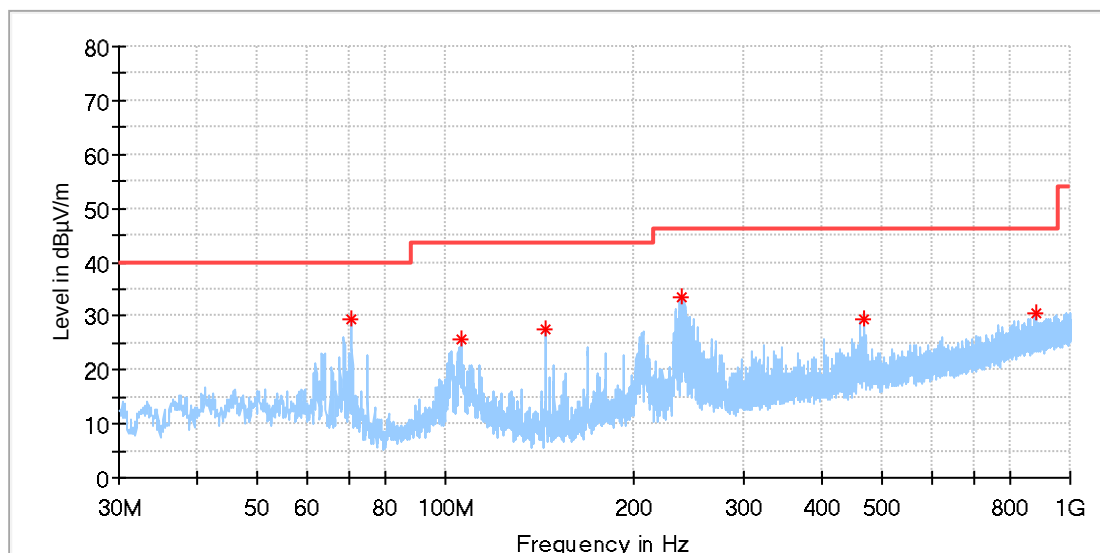
Note:

- 1) This testing was carried out on different modulations, but only the worst case was presented in this report.
- 2) Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

30 MHz - 1GHz

EUT Information

EUT Name:	Area Camp Light
Model:	GLO-A400
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	168386361/A003323193-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

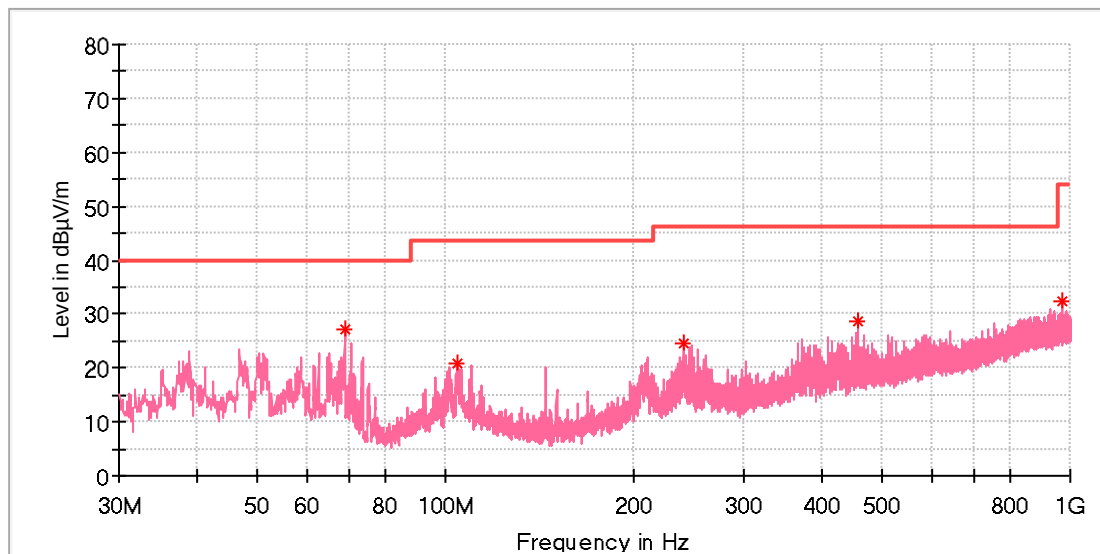
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
70.740000	29.36	40.00	10.64	100.0	H	164.0	-22.1
105.854000	25.61	43.50	17.89	100.0	H	325.0	-18.8
144.411500	27.65	43.50	15.85	100.0	H	7.0	-22.2
238.162000	33.35	46.00	12.65	100.0	H	144.0	-17.8
466.936500	29.48	46.00	16.52	100.0	H	110.0	-12.5
884.473000	30.57	46.00	15.43	100.0	H	116.0	-5.1

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name: Area Camp Light
Model: GLO-A400
Test Mode: BLE 1M_Mid channel
Order No/Sample No: 168386361/A003323193-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
68.945500	27.19	40.00	12.81	100.0	V	335.0	-21.5
104.496000	20.84	43.50	22.66	100.0	V	97.0	-18.8
241.266000	24.66	46.00	21.34	100.0	V	320.0	-17.7
457.430500	28.80	46.00	17.20	100.0	V	237.0	-12.7
969.542000	32.47	54.00	21.53	100.0	V	245.0	-4.1

Final Result

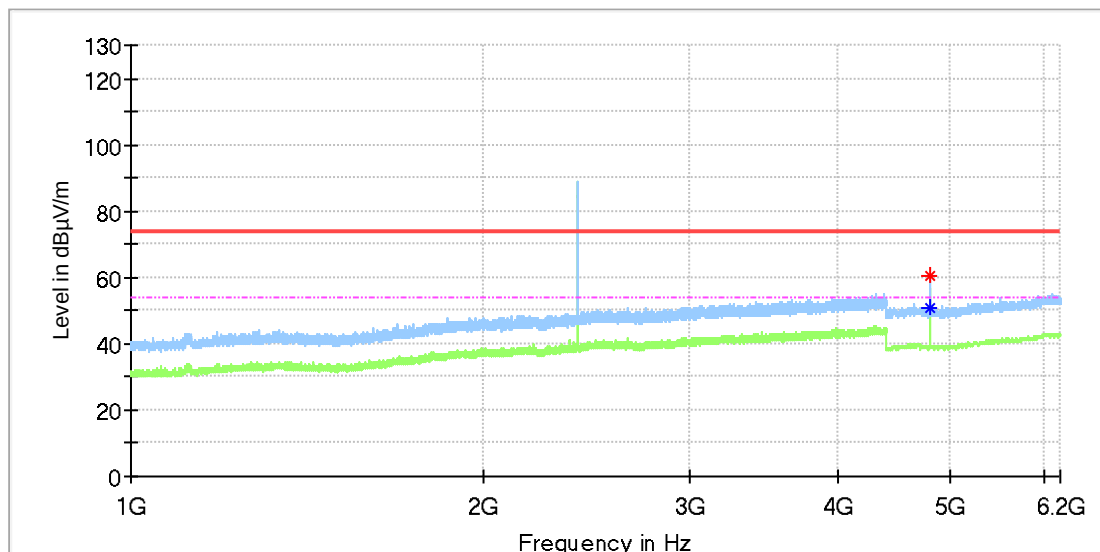
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

1GHz - 18GHz

Note: The highest waveform in the figure is Bluetooth Fundamental.

EUT Information

EUT Name:	Area Camp Light
Model:	GLO-A400
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168386361/A003323193-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

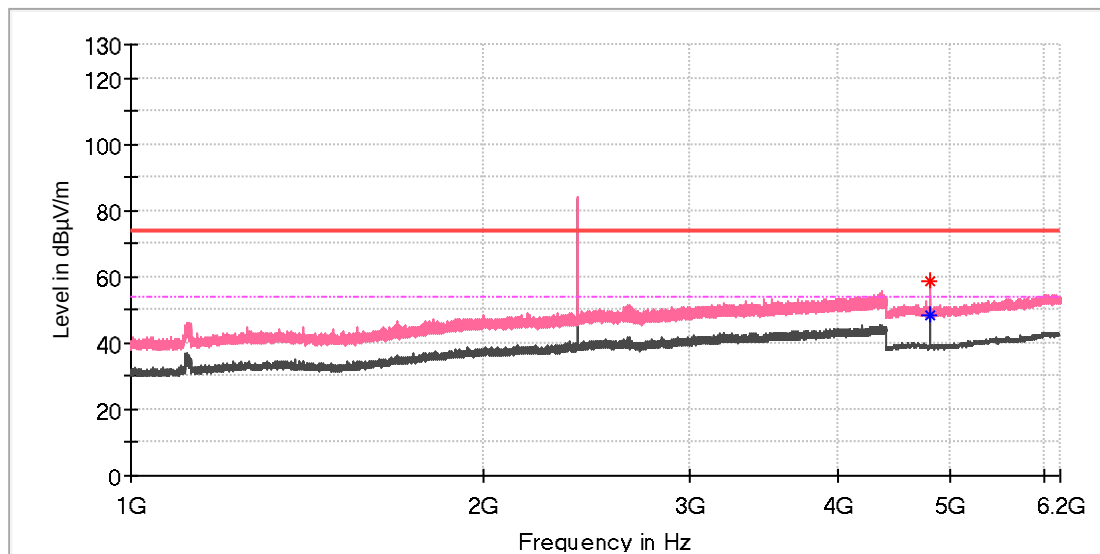
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4803.000000	---	50.97	54.00	3.03	100.0	H	1.0	11.8
4803.500000	60.32	---	74.00	13.68	100.0	H	89.0	11.8

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

EUT Information

EUT Name:	Area Camp Light
Model:	GLO-A400
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168386361/A003323193-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

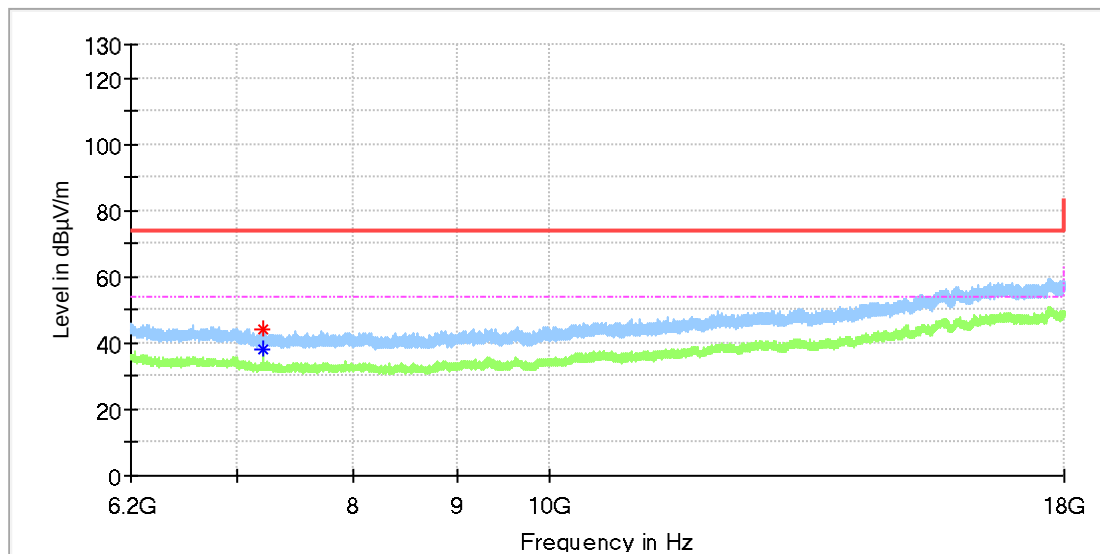
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4803.000000	---	49.86	54.00	4.14	100.0	V	260.0	11.8
4803.500000	58.47	---	74.00	15.53	100.0	V	260.0	11.8

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name:	Area Camp Light
Model:	GLO-A400
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168386361/A003323193-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

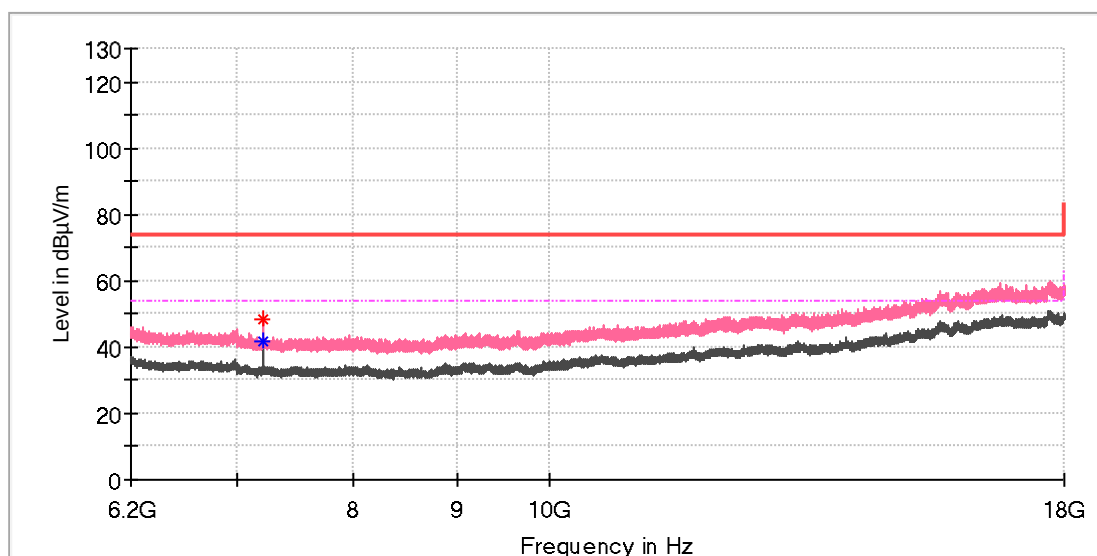
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7204.966667	44.03	---	74.00	29.97	100.0	H	274.0	8.8
7205.950000	---	38.14	54.00	15.86	100.0	H	274.0	8.8

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name:	Area Camp Light
Model:	GLO-A400
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168386361/A003323193-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

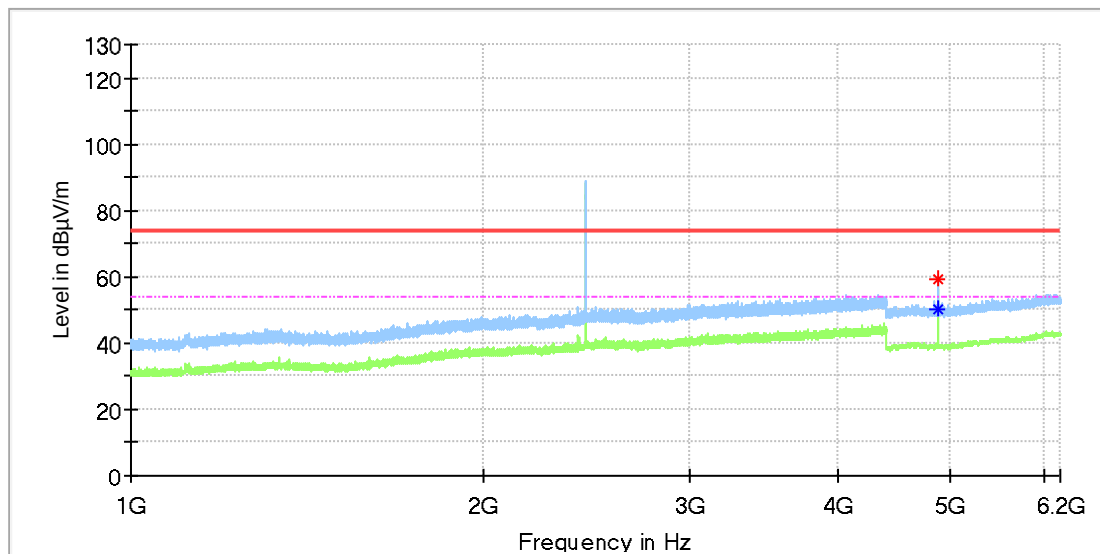
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7205.458333	---	41.86	54.00	12.14	100.0	V	233.0	8.8
7206.441667	48.50	---	74.00	25.50	100.0	V	233.0	8.8

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name:	Area Camp Light
Model:	GLO-A400
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	168386361/A003323193-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

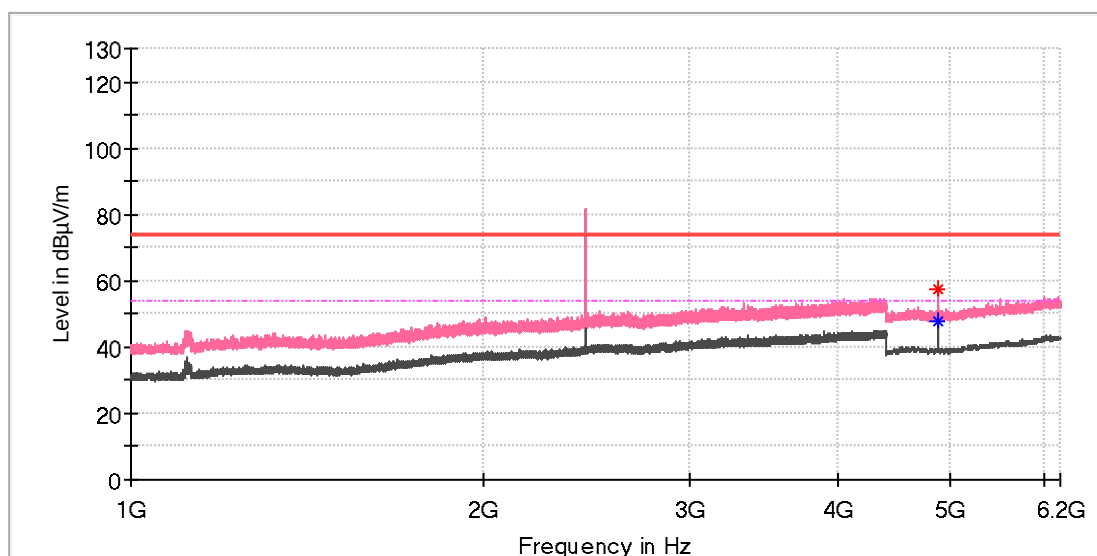
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4879.000000	---	50.60	54.00	3.40	100.0	H	81.0	11.8
4880.500000	59.55	---	74.00	14.45	100.0	H	89.0	11.8

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

EUT Information

EUT Name:	Area Camp Light
Model:	GLO-A400
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	168386361/A003323193-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

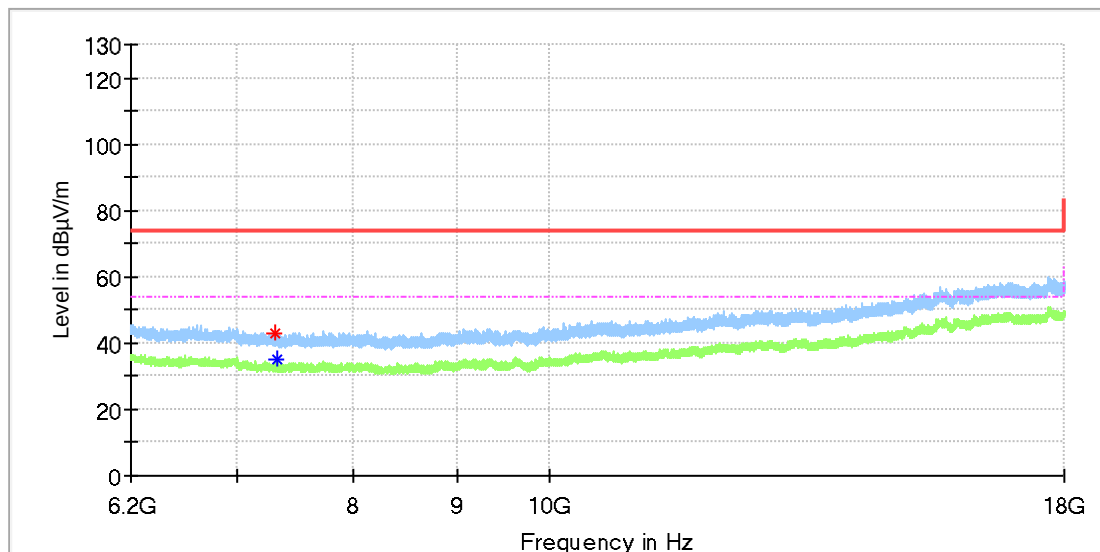
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4879.000000	---	47.65	54.00	6.35	100.0	V	241.0	11.8
4879.500000	57.54	---	74.00	16.46	100.0	V	228.0	11.8

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

EUT Information

EUT Name:	Area Camp Light
Model:	GLO-A400
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	168386361/A003323193-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

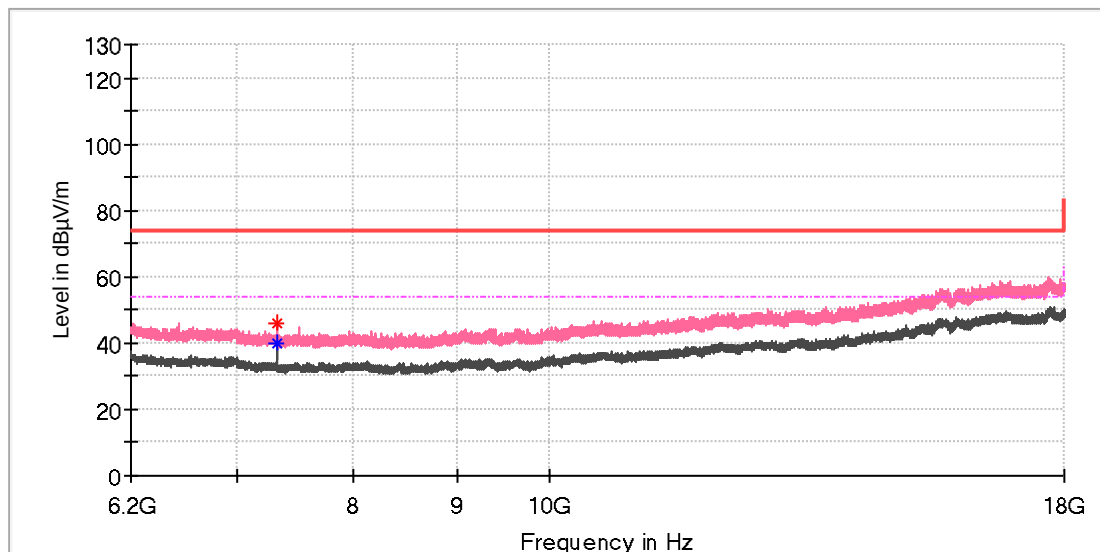
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7316.083333	42.89	---	74.00	31.11	100.0	H	30.0	8.2
7319.033333	---	34.98	54.00	19.02	100.0	H	334.0	8.2

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name:	Area Camp Light
Model:	GLO-A400
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	168386361/A003323193-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

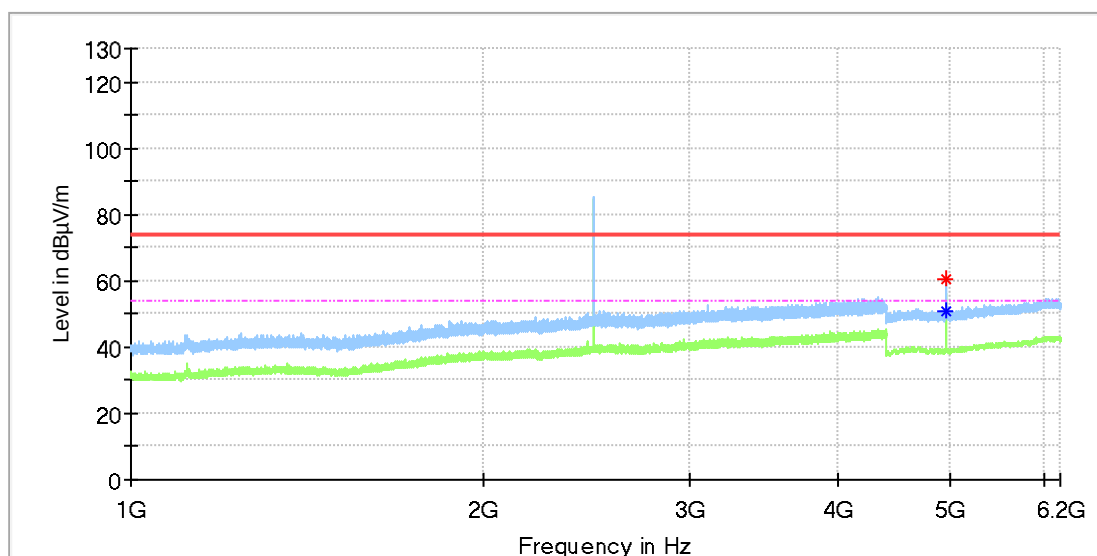
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7319.033333	46.10	---	74.00	27.90	100.0	V	83.0	8.2
7320.016667	---	39.75	54.00	14.25	100.0	V	83.0	8.2

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name:	Area Camp Light
Model:	GLO-A400
Test Mode:	BLE 1M_High channel
Order No/Sample No:	168386361/A003323193-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

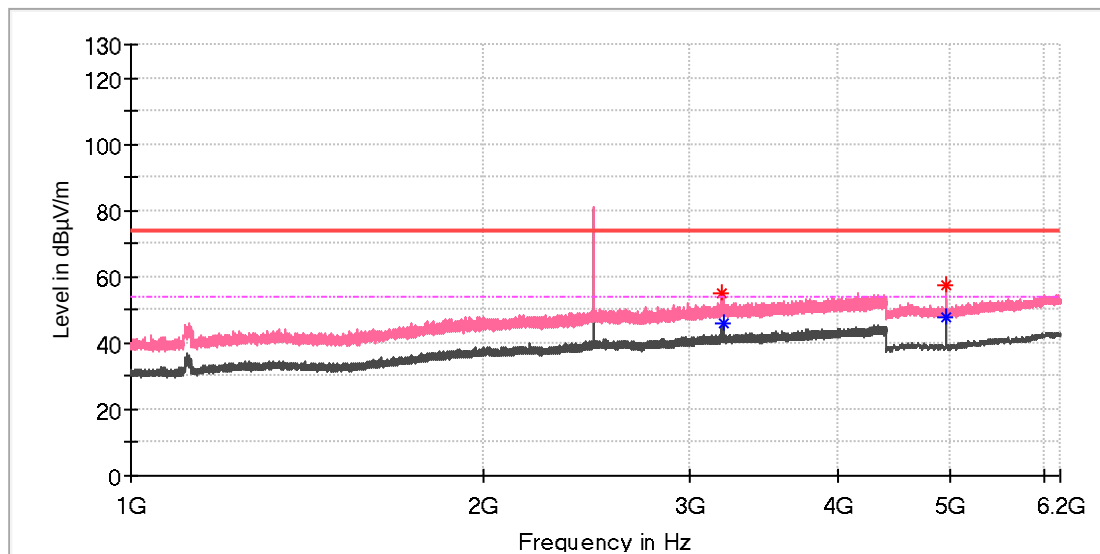
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4959.000000	---	50.88	54.00	3.12	100.0	H	90.0	11.8
4960.500000	60.18	---	74.00	13.82	100.0	H	90.0	11.8

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: Area Camp Light
Model: GLO-A400
Test Mode: BLE 1M_High channel
Order No/Sample No: 168386361/A003323193-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

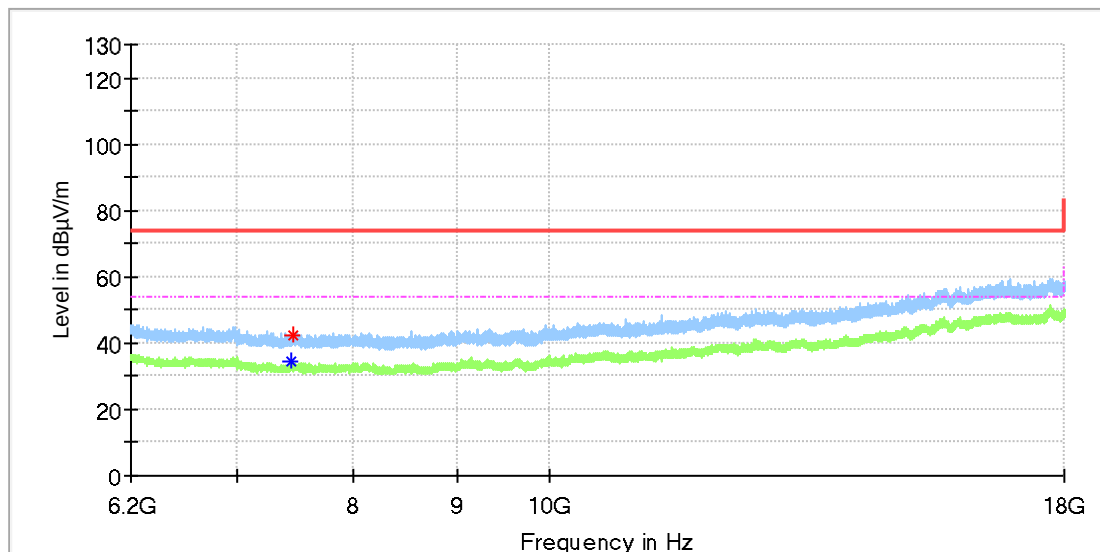
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3195.210000	55.24	---	74.00	18.76	100.0	V	260.0	8.6
3198.610000	---	45.95	54.00	8.05	100.0	V	260.0	8.6
4959.000000	---	47.62	54.00	6.38	100.0	V	224.0	11.8
4959.500000	57.16	---	74.00	16.84	100.0	V	241.0	11.8

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

EUT Information

EUT Name:	Area Camp Light
Model:	GLO-A400
Test Mode:	BLE 1M_High channel
Order No/Sample No:	168386361/A003323193-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

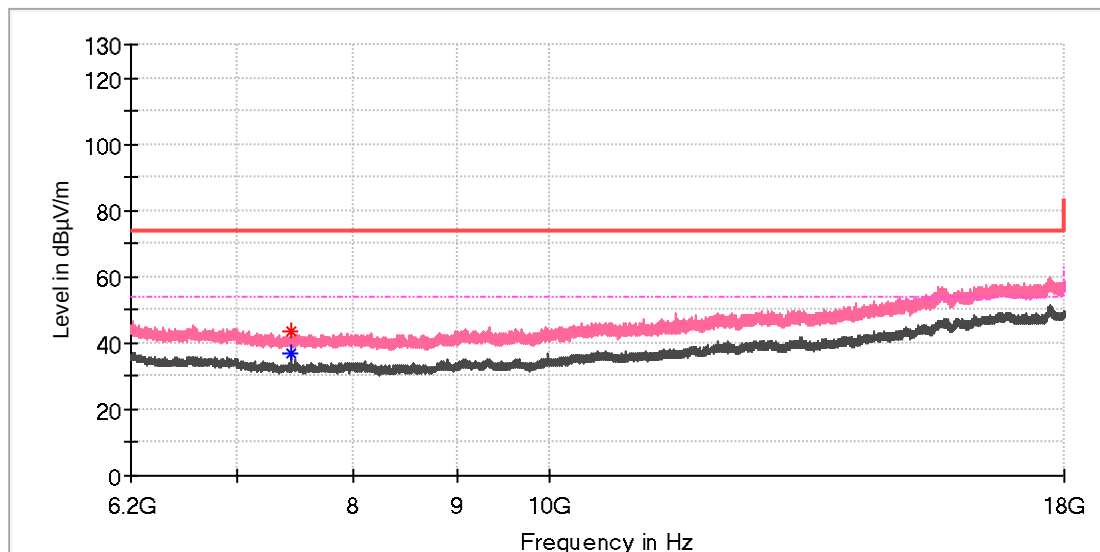
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7440.475000	---	34.70	54.00	19.30	100.0	H	334.0	8.4
7466.041667	42.52	---	74.00	31.48	100.0	H	223.0	8.6

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name:	Area Camp Light
Model:	GLO-A400
Test Mode:	BLE 1M_High channel
Order No/Sample No:	168386361/A003323193-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7439.491667	43.84	---	74.00	30.16	100.0	V	60.0	8.4
7440.475000	---	37.00	54.00	17.00	100.0	V	168.0	8.4

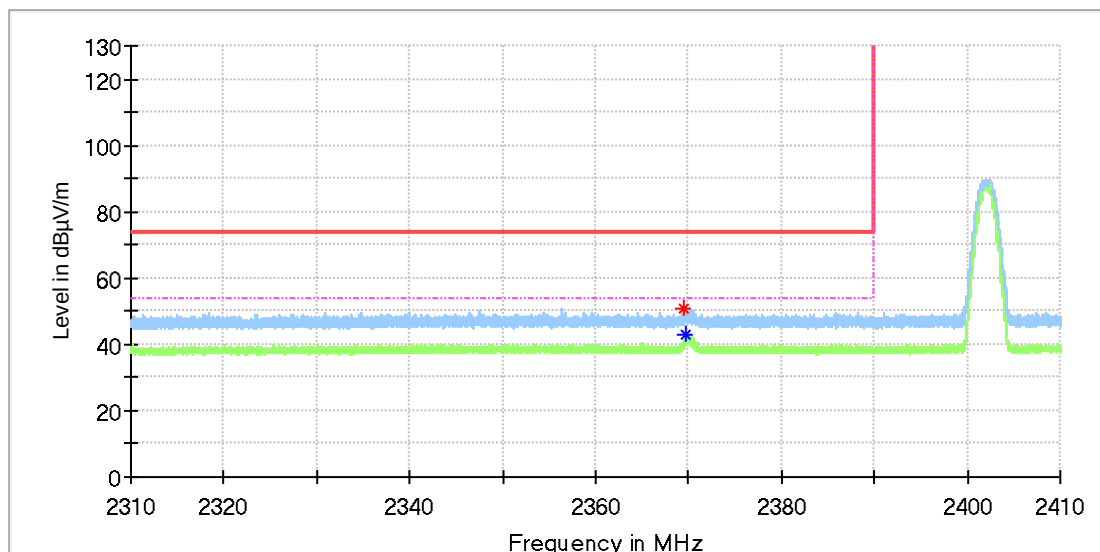
Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Appendix B.6: Test Results of Radiated Emissions in Restricted Bands

EUT Information

EUT Name:	Area Camp Light
Model:	GLO-A400
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168386361/A003323193-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

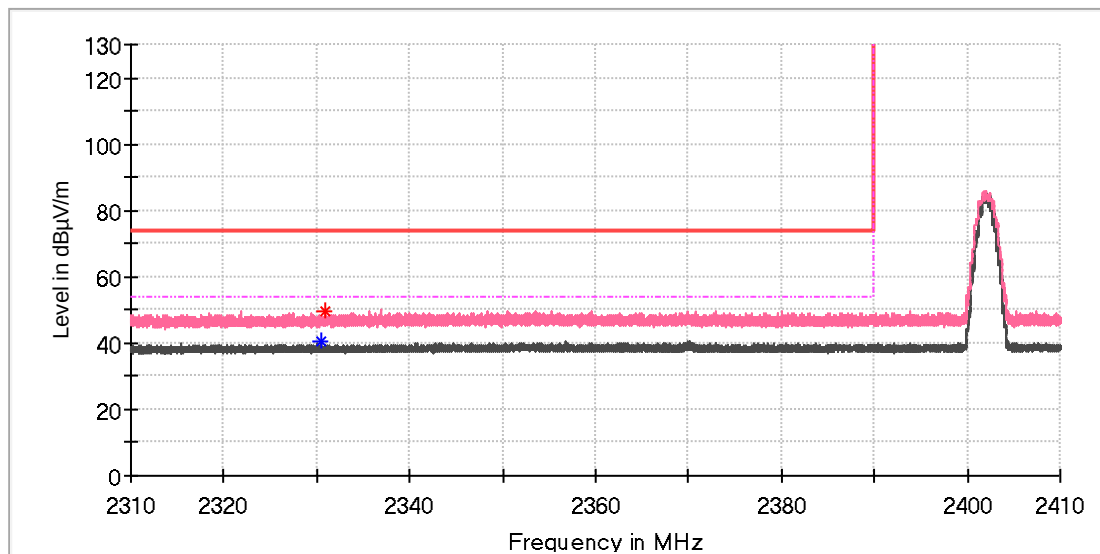
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2369.420000	50.77	---	74.00	23.23	100.0	H	191.0	6.9
2369.785000	---	43.03	54.00	10.97	100.0	H	191.0	6.9

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name:	Area Camp Light
Model:	GLO-A400
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168386361/A003323193-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

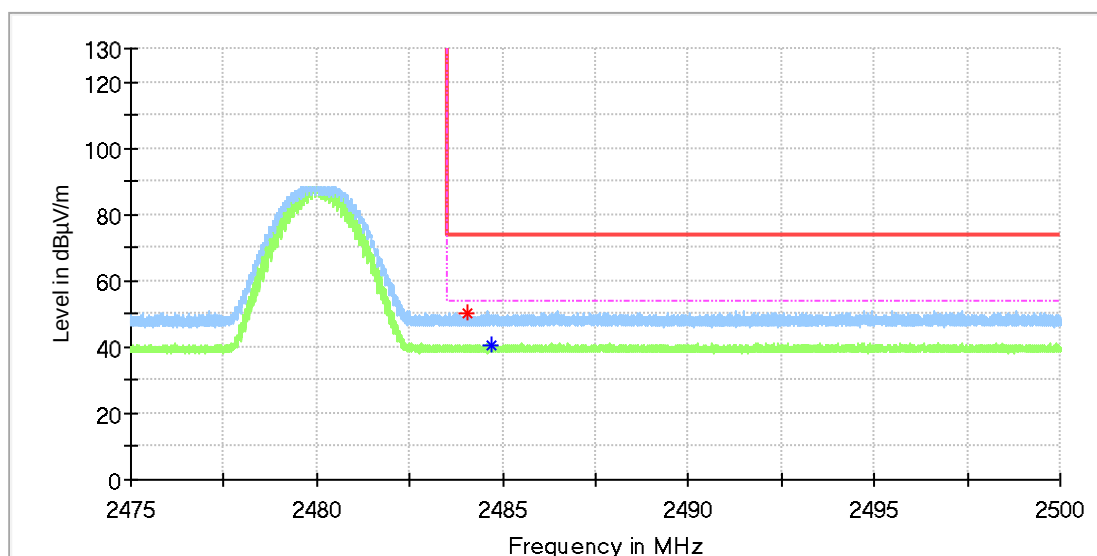
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2330.420000	---	40.51	54.00	13.49	100.0	V	47.0	6.7
2331.000000	49.51	---	74.00	24.49	100.0	V	246.0	6.7

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name:	Area Camp Light
Model:	GLO-A400
Test Mode:	BLE 1M_High channel
Order No/Sample No:	168386361/A003323193-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

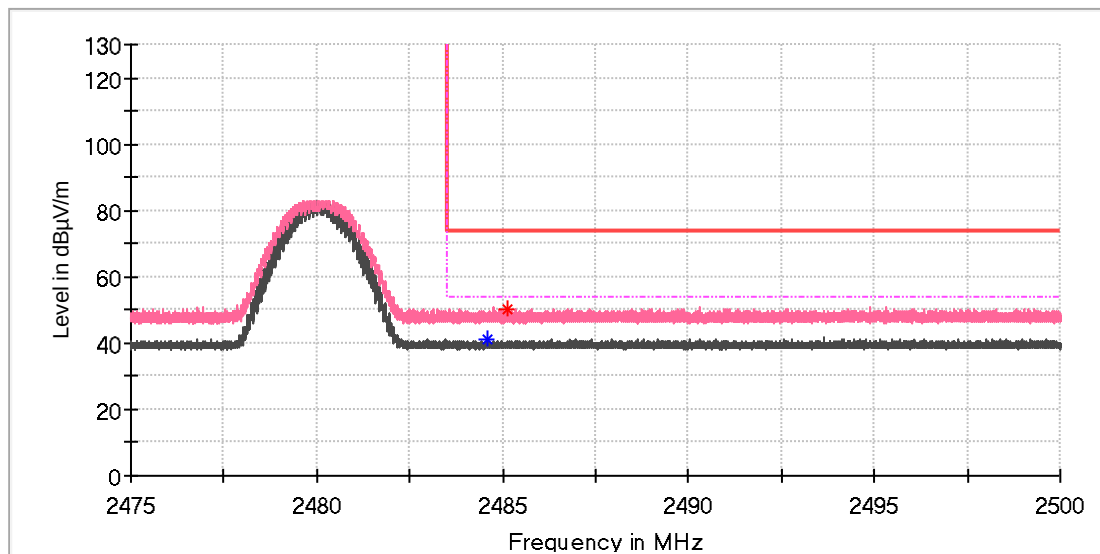
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.048750	50.40	---	74.00	23.60	100.0	H	204.0	7.4
2484.703750	---	40.65	54.00	13.35	100.0	H	260.0	7.4

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

EUT Information

EUT Name:	Area Camp Light
Model:	GLO-A400
Test Mode:	BLE 1M_High channel
Order No/Sample No:	168386361/A003323193-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.583750	---	40.95	54.00	13.05	100.0	V	236.0	7.4
2485.131250	50.36	---	74.00	23.64	100.0	V	236.0	7.4

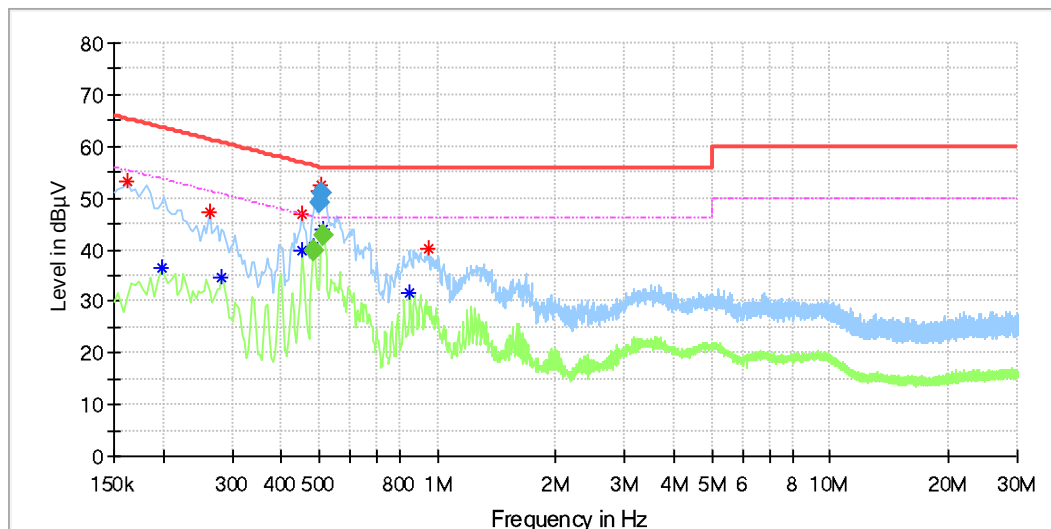
Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Appendix B.7: Test Results of Conducted Emission on AC Mains

EUT Information

EUT Name: Area Camp Light
Order No: 168386361, item 210
Model: GLO-A400
Test Mode: BT Link Normal Operation+ Charging
Test Voltage: AC 120V/60Hz
Standard: FCC Part 15
Test By/Review By: Shower Dai/Gary Chen
Tem./Hum./Pressure: 24.9°C/52.1%/101kPa
Remark: SR1



Critical_Freqs

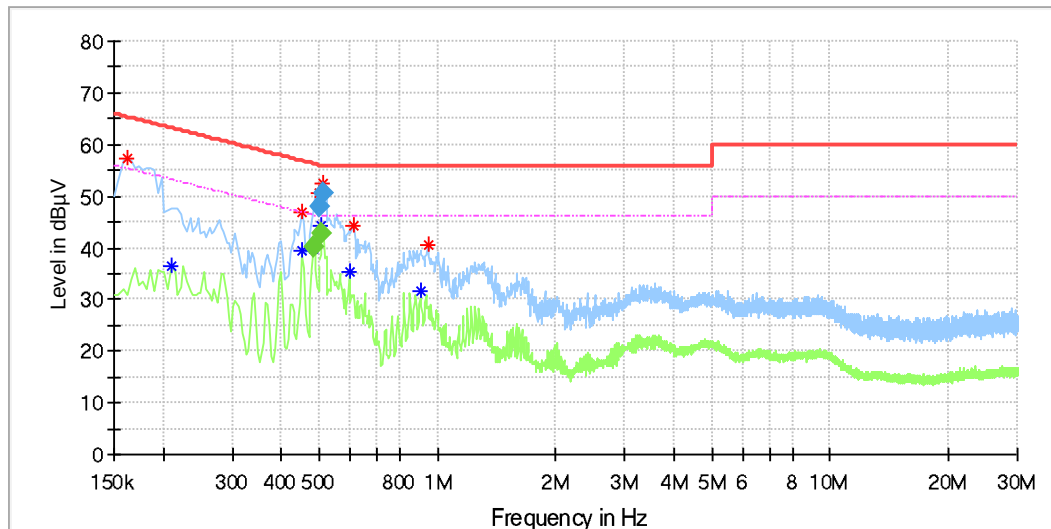
Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.162000	53.36	---	65.36	12.00	L1	9.6
0.198000	---	36.55	53.69	17.14	L1	9.6
0.262000	47.12	---	61.37	14.25	L1	9.6
0.282000	---	34.46	50.76	16.30	L1	9.6
0.450000	47.05	---	56.88	9.82	L1	9.7
0.454000	---	39.70	46.80	7.10	L1	9.7
0.484500	---	40.42	46.31	5.89	L1	9.7
0.500000	51.49	---	56.17	4.68	L1	9.7
0.508000	52.57	---	56.00	3.43	L1	9.7
0.512000	---	43.98	46.00	2.02	L1	9.7
0.848000	---	31.69	46.00	14.31	L1	9.7
0.944000	40.33	---	56.00	15.67	L1	9.7

Final_Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.484500	---	39.76	46.26	6.50	1000.0	9.000	L1	9.7
0.500000	49.28	---	56.00	6.72	1000.0	9.000	L1	9.7
0.508000	50.91	---	56.00	5.09	1000.0	9.000	L1	9.7
0.512000	---	42.92	46.00	3.08	1000.0	9.000	L1	9.7

EUT Information

EUT Name: Area Camp Light
Order No: 168386361, item 210
Model: GLO-A400
Test Mode: BT Link Normal Operation+ Charging
Test Voltage: AC 120V/60Hz
Standard: FCC Part 15
Test By/Review By: Shower Dai/Gary Chen
Tem./Hum./Pressure: 24.9°C/52.1%/101kPa
Remark: SR1



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.162000	57.21	---	65.36	8.15	N	9.6
0.210000	---	36.46	53.21	16.74	N	9.6
0.450000	---	39.33	46.88	7.55	N	9.7
0.454000	46.78	---	56.80	10.03	N	9.7
0.484500	---	39.96	46.31	6.35	N	9.7
0.500000	50.73	---	56.17	5.44	N	9.7
0.508000	---	44.30	46.00	1.70	N	9.7
0.512000	52.57	---	56.00	3.43	N	9.7
0.596000	---	35.22	46.00	10.78	N	9.7
0.612000	44.36	---	56.00	11.64	N	9.7
0.908000	---	31.74	46.00	14.26	N	9.7
0.944000	40.52	---	56.00	15.48	N	9.7

Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.484500	---	40.10	46.26	6.16	1000.0	9.000	N	9.7
0.500000	47.89	---	56.00	8.11	1000.0	9.000	N	9.7
0.508000	---	42.70	46.00	3.30	1000.0	9.000	N	9.7
0.512000	50.54	---	56.00	5.46	1000.0	9.000	N	9.7