

Appendix A

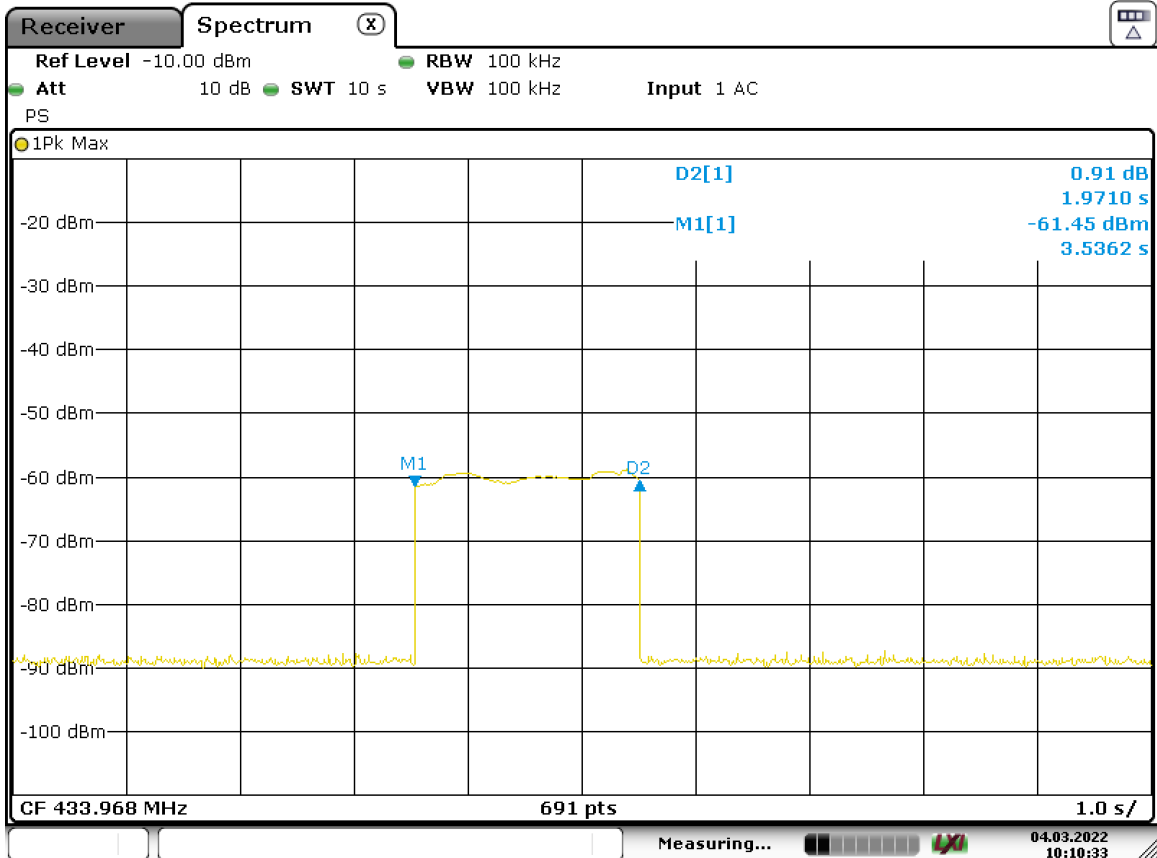
Test Results

APPENDIX A.1: TEST RESULTS OF DEACTIVATION OF THE TRANSMISSION.....	2
APPENDIX A.2: TEST RESULTS OF 20DB EMISSION BANDWIDTH.....	3
APPENDIX A.3: TEST RESULTS OF FIELD STRENGTH OF FUNDAMENTAL AND UNWANTED EMISSIONS IN THE SPURIOUS DOMAIN	4
A.3.1 BELOW 1GHZ	4
A.3.2 ABOVE 1GHZ.....	6

APPENDIX A.1: TEST RESULTS OF DEACTIVATION OF THE TRANSMISSION

Test Results

Operation Mode	Duration Time (S)	Limit (S)	Result
A	1.9710	5	Pass

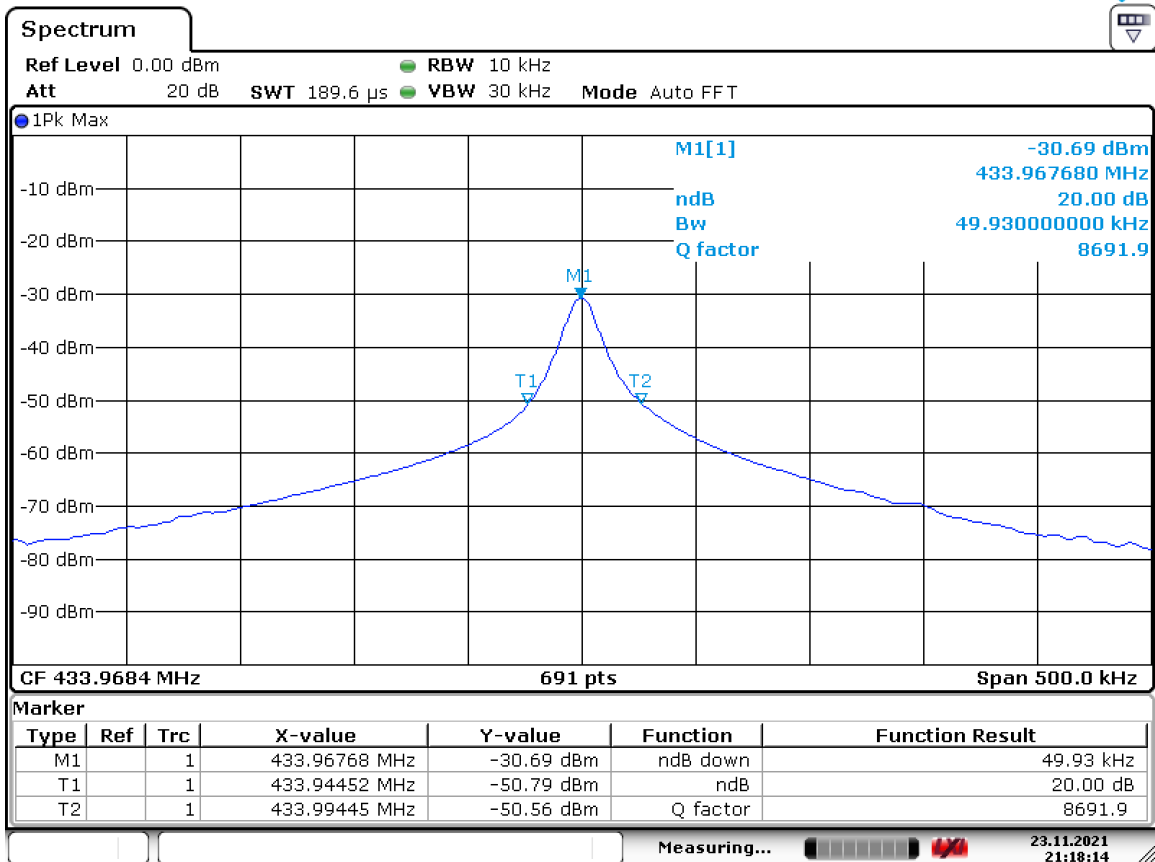


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APPENDIX A.2: TEST RESULTS OF 20DB EMISSION BANDWIDTH

Test Results

Operation Frequency (MHz)	20dB Emission Bandwidth (MHz)	Limit (MHz)	Result
433.968	0.0499	1.085	Pass

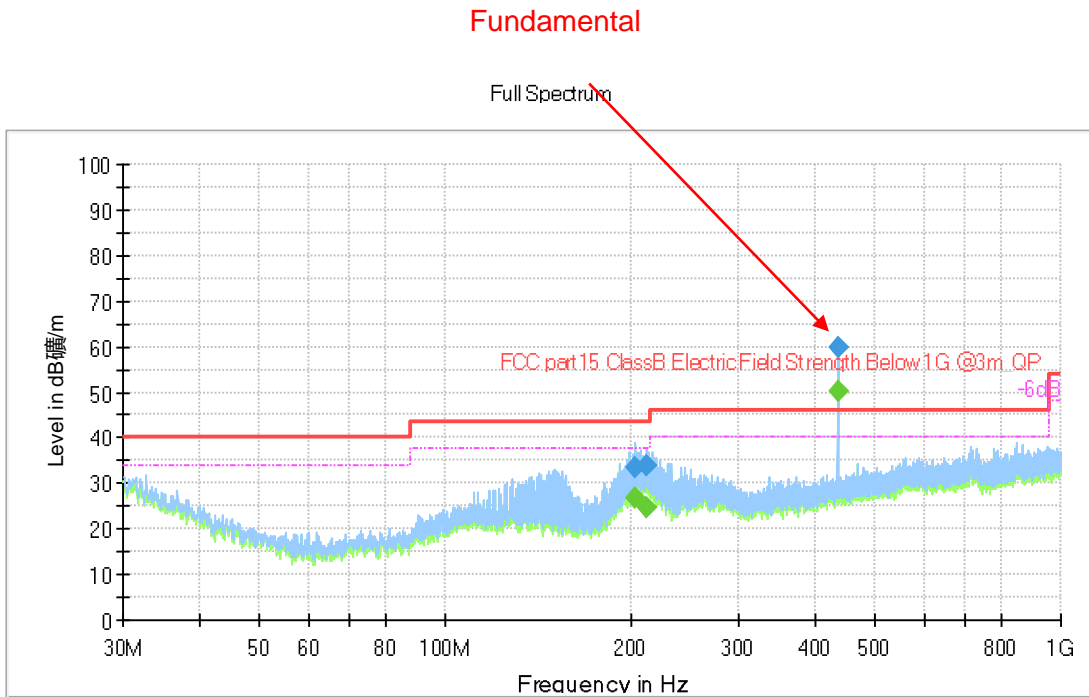


APPENDIX A.3: TEST RESULTS OF FIELD STRENGTH OF FUNDAMENTAL AND UNWANTED EMISSIONS IN THE SPURIOUS DOMAIN

A.3.1 Below 1GHz

EUT Information

EUT Name:	Add-on Wireless Motion Sensor Spotlight
Model:	SWALPH-B400G2W
Test Mode:	Mode A
Test Voltage::	Battery 6V
Remark:	Temp 21.4°C Humi:57.3%
Test Standard:	FCC Part 15C
Tested By:	Shitao Tang
Reviewed By:	Season Yang

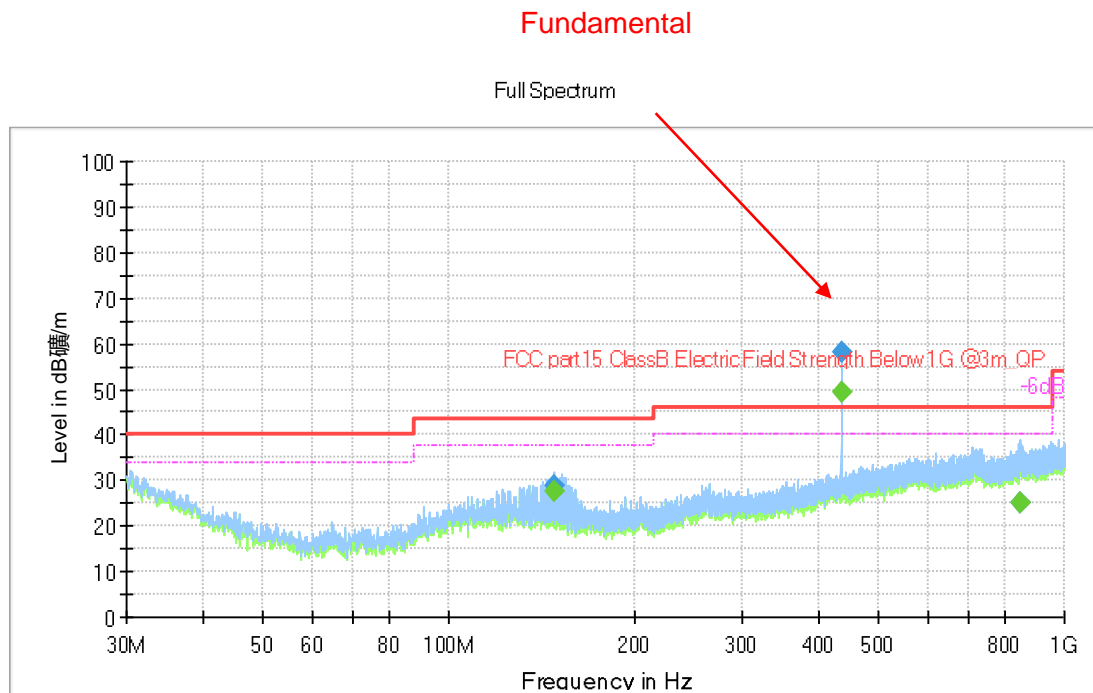


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
203.325000	33.55	-	-	43.50	9.95	124.0	H	66.0	17.0
212.513889	33.88	-	-	43.50	9.62	104.0	H	80.0	16.5
433.968333	-	60.16	-	100.8	40.64	100.0	H	293.0	24.6
433.968333	-	-	50.35	80.8	30.45	100.0	H	293.0	24.6

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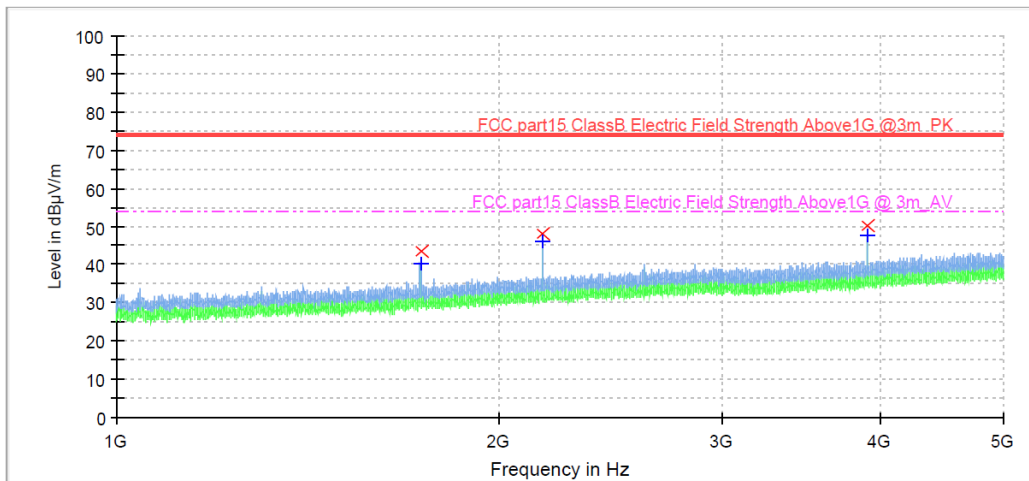
Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
148.751111	28.94	-	-	43.50	14.56	104.0	V	18.0	17.9
433.968333	-	58.22	-	100.8	42.58	150.0	V	257.0	24.6
433.968333	-	-	49.24	80.8	31.56	150.0	V	257.0	24.6
844.985000	25.00	-	-	46.00	21.00	137.0	V	332.0	29.3

A.3.2 Above 1GHz

EUT Information

EUT Name:	Add-on Wireless Motion Sensor Spotlight
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Test Voltage::	Battery 6V
Remark:	Temp 21.4°C Humi:57.3%
Test Standard:	FCC Part 15C
Tested By:	Shitao Tang
Reviewed By:	Season Yang



Limit and Margin-PK

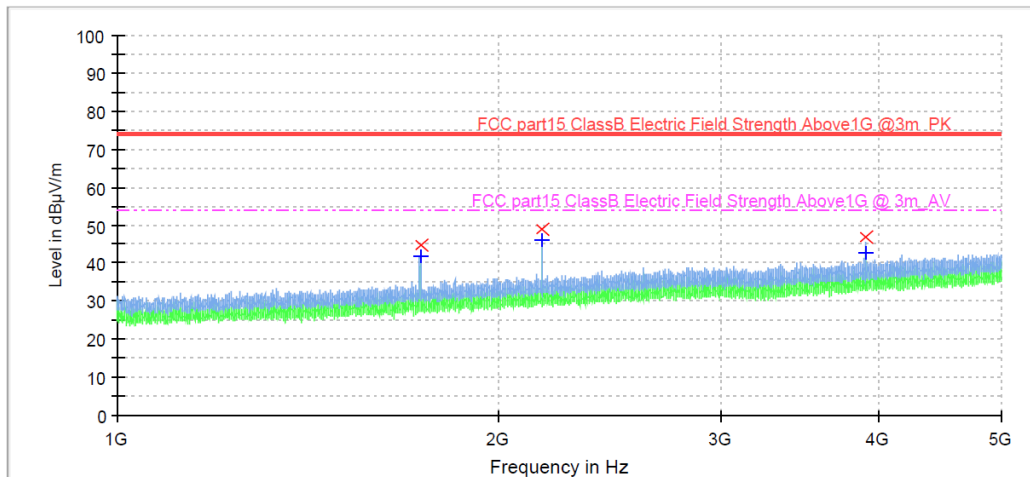
Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1735.875000	43.4	1000.0	1000.000	150.0	H	0.0	-9.2	30.6	74.0
2169.375000	48.3	1000.0	1000.000	150.0	H	0.0	-6.4	25.7	74.0
3905.250000	50.3	1000.0	1000.000	150.0	H	7.0	0.5	23.7	74.0

Limit and Margin-AV

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1735.875000	40.3	1000.0	1000.000	150.0	H	0.0	-9.2	13.7	54.0
2169.375000	46.0	1000.0	1000.000	150.0	H	0.0	-6.4	8.1	54.0
3905.250000	47.5	1000.0	1000.000	150.0	H	7.0	0.5	6.5	54.0

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Test Voltage::	Battery 6V
Remark:	Temp 21.4°C Humi:57.3%
Test Standard:	FCC Part 15C
Tested By:	Shitao Tang
Reviewed By:	Season Yang



Limit and Margin-PK

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1735.625000	44.7	1000.0	1000.000	150.0	V	0.0	-9.2	29.3	74.0
2169.750000	49.1	1000.0	1000.000	150.0	V	0.0	-6.4	25.0	74.0
3905.375000	47.0	1000.0	1000.000	150.0	V	0.0	0.5	27.0	74.0

Limit and Margin-AV

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1735.625000	41.8	1000.0	1000.000	150.0	V	0.0	-9.2	12.2	54.0
2169.750000	46.2	1000.0	1000.000	150.0	V	0.0	-6.4	7.8	54.0
3905.375000	42.7	1000.0	1000.000	150.0	V	0.0	0.5	11.3	54.0