

Appendix A

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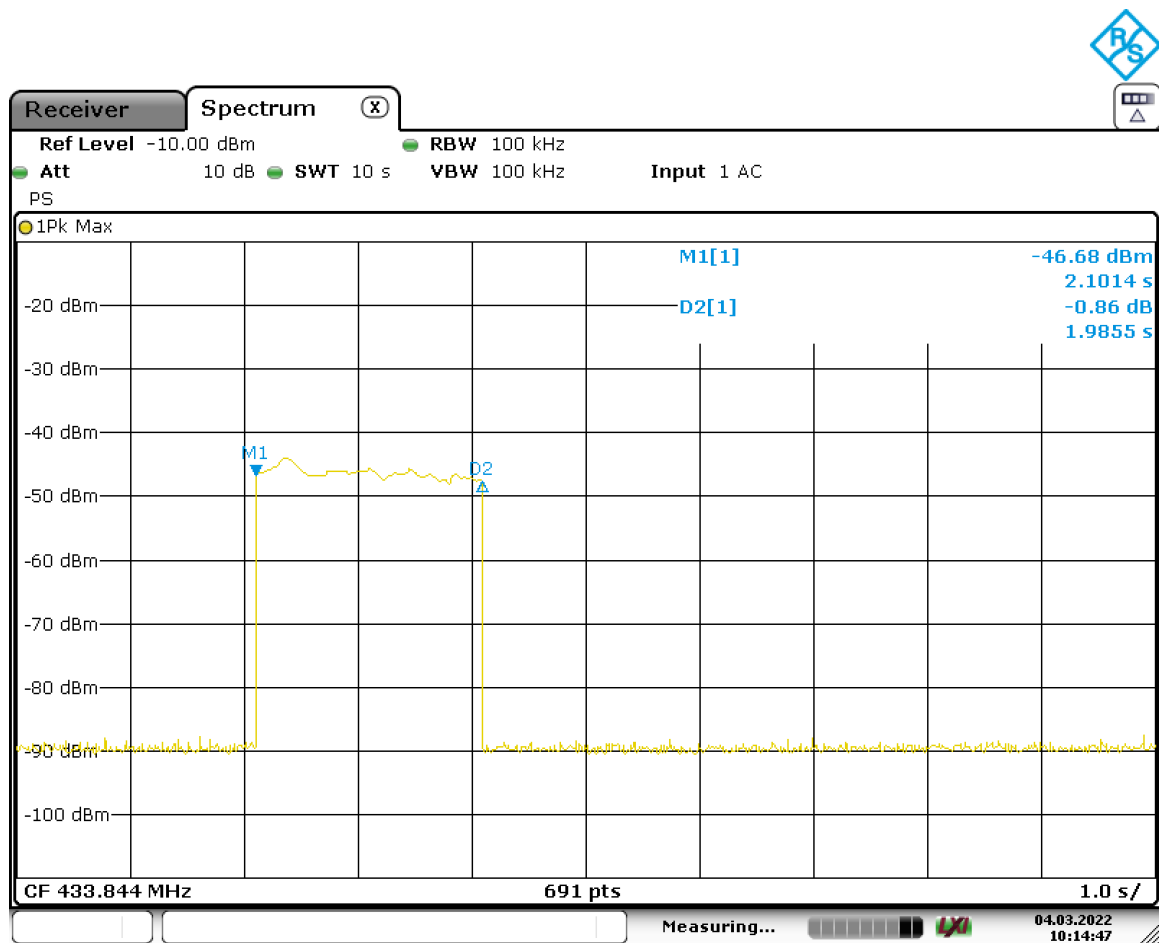
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APPENDIX A.1: TEST RESULTS OF DEACTIVATION OF THE TRANSMISSION

Test Results

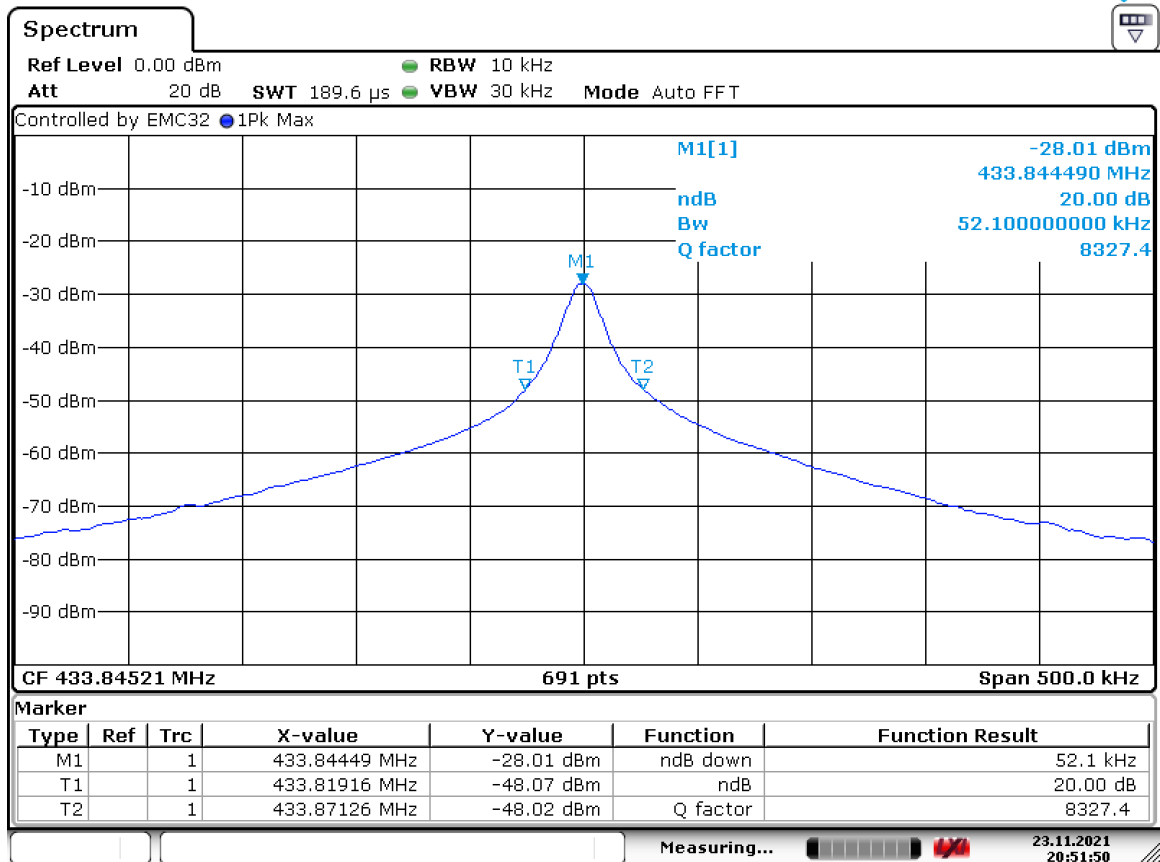
Operation Mode	Duration Time (S)	Limit (S)	Result
A	2.1014	5	Pass



Date: 4.MAR.2022 10:14:47

APPENDIX A.2: TEST RESULTS OF 20dB EMISSION BANDWIDTH
Test Results

Operation Frequency (MHz)	20dB Emission Bandwidth (MHz)	Limit (MHz)	Result
433.844	0.0521	1.085	Pass



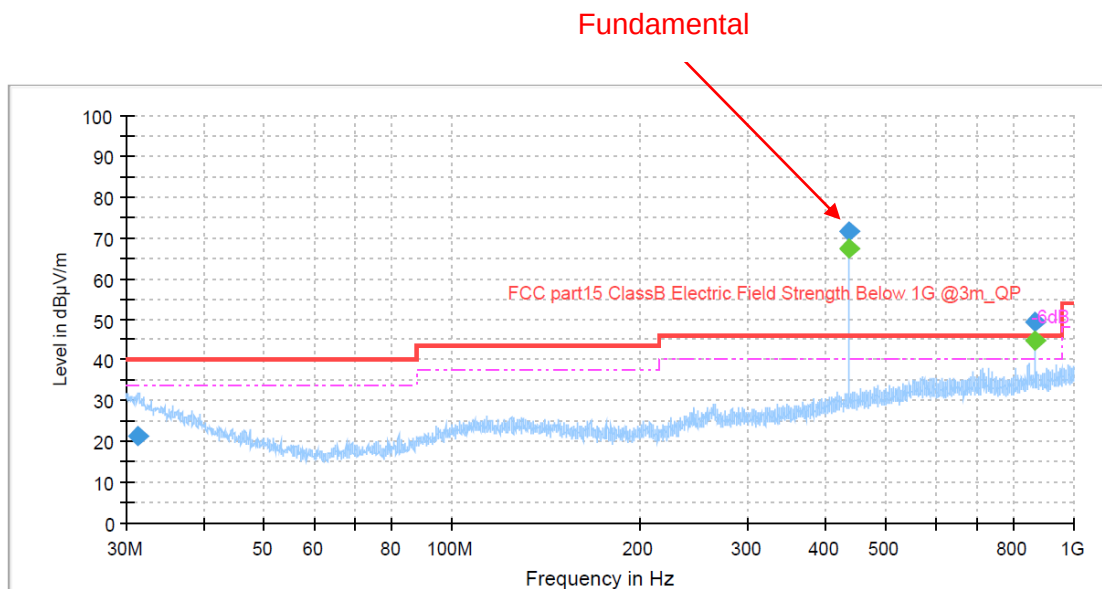
Date: 23.NOV.2021 20:51:50

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:	Wireless Motion Sensor 3-Head Spotlight
Model:	SWALPH-B12003HR
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



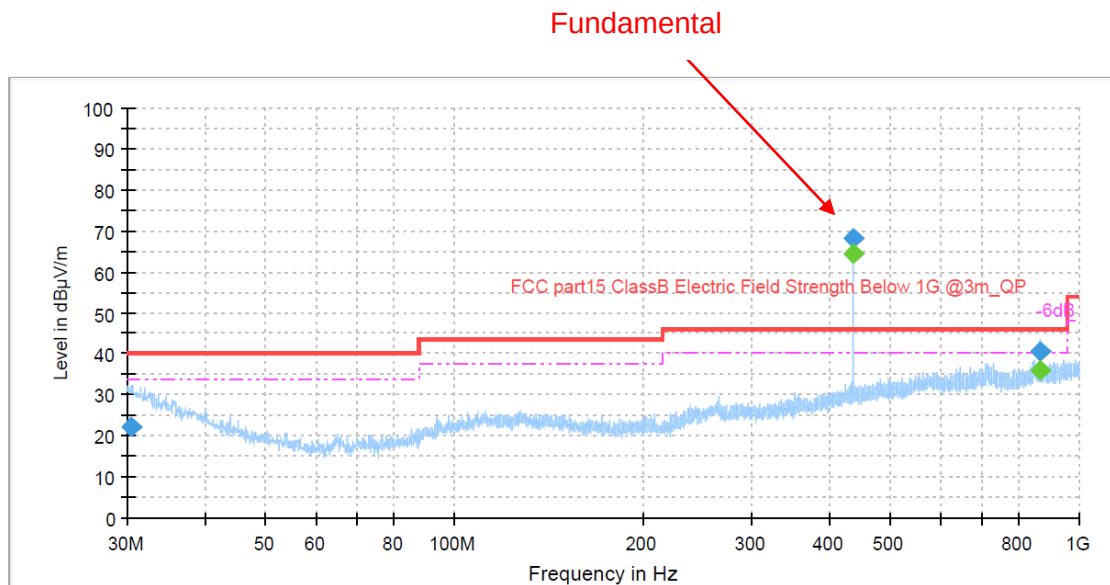
Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
31.247222	21.52	-	-	40.00	18.48	350.0	H	57.0	25.1
433.844000	-	72.22	-	100.8	28.58	210.0	H	117.0	24.6
433.844000	-	-	67.56	80.8	13.24	210.0	H	117.0	24.6
868.006111*	-	49.21	-	80.8	31.59	100.0	H	207.0	29.5
868.006111*	-	-	44.65	60.8	16.15	100.0	H	207.0	29.5

Note: Frequency 868MHz locates within the non-restricted band.

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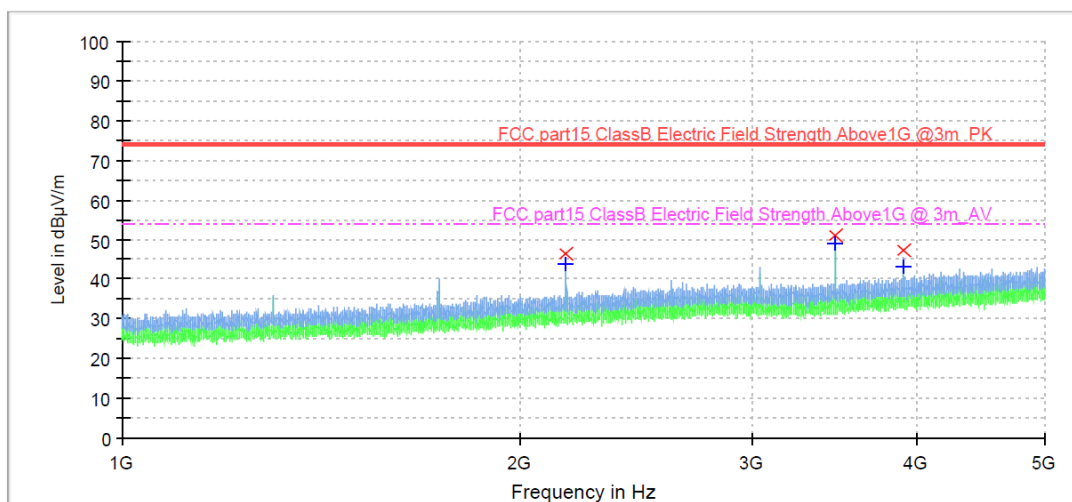
Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
30.345000	22.21	-	-	40.00	17.79	190.0	V	257.0	25.7
433.844000	-	68.23	-	100.8	32.57	100.0	V	332.0	24.6
433.844000	-	-	64.35	80.8	16.45	100.0	V	332.0	24.6
868.006111*	-	43.57	-	80.8	37.23	100.0	V	-3.0	29.5
868.006111*	-	-	35.91	60.8	24.89	100.0	V	-3.0	29.5

Note: Frequency 868MHz locates within the non-restricted band.

A.3.2 Above 1GHz**EUT Information**

EUT Name:	Wireless Motion Sensor 3-Head Spotlight
Model:	SWALPH-B12003HR
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-PK**

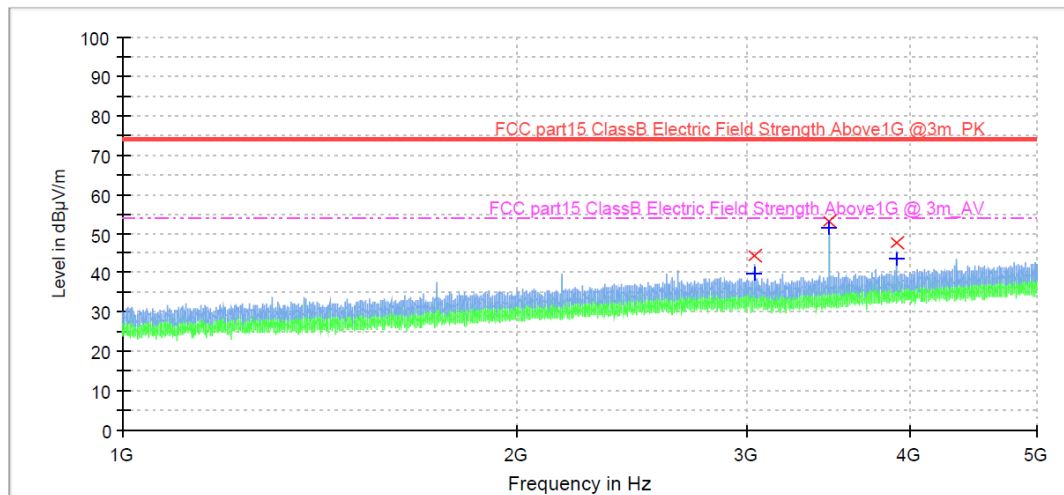
Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
2170.125000	46.4	1000.0	1000.000	150.0	H	0.0	-6.4	27.6	74.0
3472.000000	50.9	1000.0	1000.000	150.0	H	0.0	-0.5	23.1	74.0
3905.750000	47.3	1000.0	1000.000	150.0	H	0.0	0.5	26.8	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)
2170.125000	43.8	1000.0	1000.000	150.0	H	0.0	-6.4	10.2	54.0
3472.000000	48.8	1000.0	1000.000	150.0	H	0.0	-0.5	5.2	54.0
3905.750000	43.2	1000.0	1000.000	150.0	H	0.0	0.5	10.8	54.0

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Remark:	Temp 21.4°C Humi:57.3%
Test Standard:	FCC Part 15C
Tested By:	Shitao Tang
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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)
3037.625000	44.3	1000.0	1000.000	150.0	V	0.0	-1.7	29.7	74.0
3472.000000	53.0	1000.0	1000.000	150.0	V	0.0	-0.5	21.0	74.0
3906.000000	47.6	1000.0	1000.000	150.0	V	0.0	0.5	26.4	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)
3037.625000	39.9	1000.0	1000.000	150.0	V	0.0	-1.7	14.1	54.0
3472.000000	51.5	1000.0	1000.000	150.0	V	0.0	-0.5	2.5	54.0
3906.000000	43.4	1000.0	1000.000	150.0	V	0.0	0.5	10.6	54.0