

Appendix A

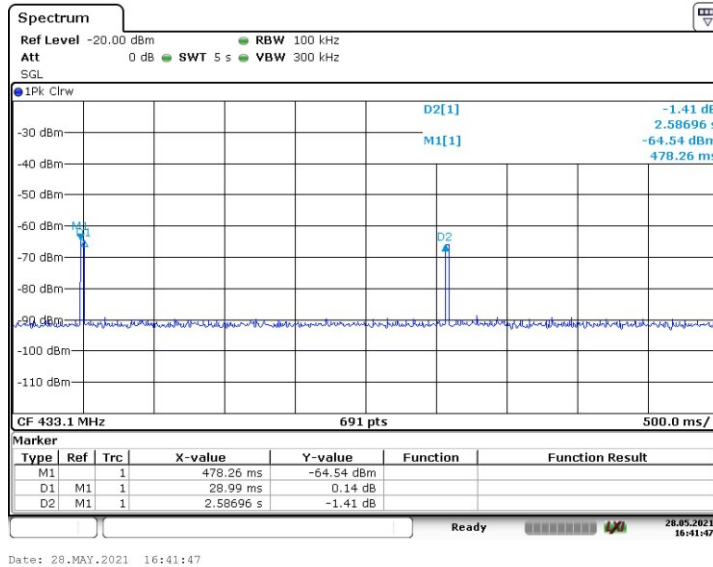
Test Results

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

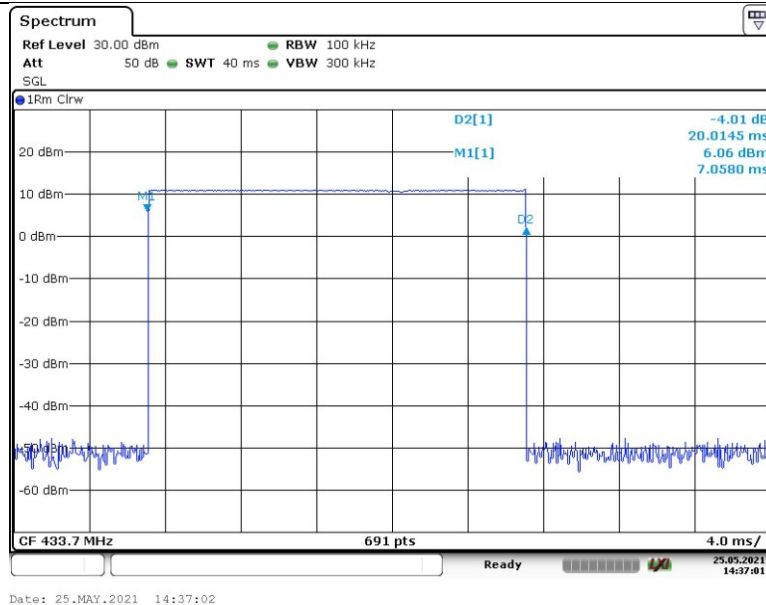
Test Results

Operation Mode	Duration Time (S)	Limit (S)	Result
A.1	Less than 5s	5	Pass



Operation Mode	Duration Time (S)	Limit (S)	Result
A.2	0.240s/1 hour	2s / 1 Hour	Pass

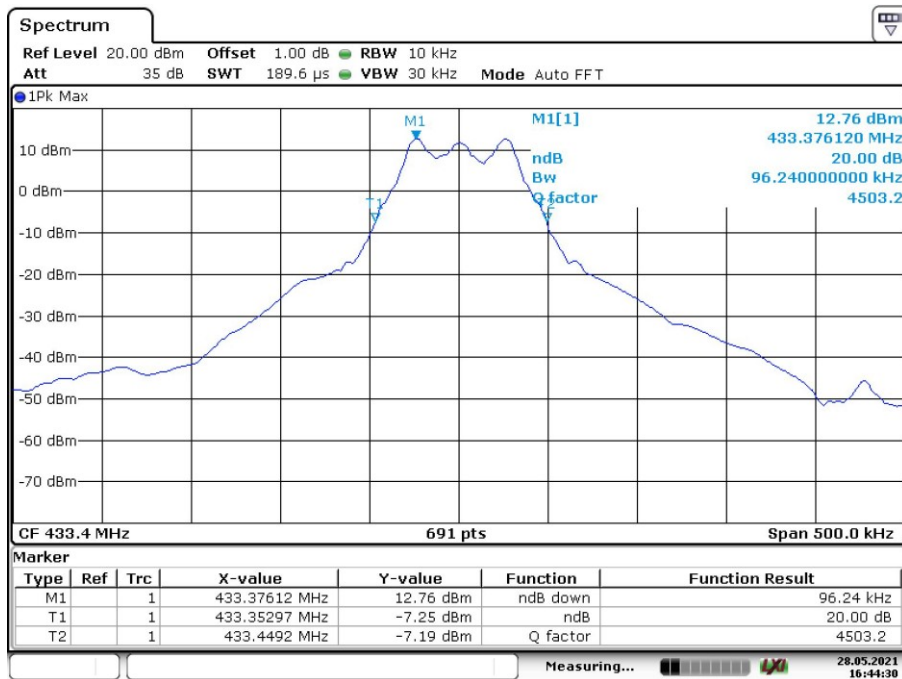
As declared by manufacturer, the EUT transmits an identical data package to the Host per 5 minutes, hence in one hour, the EUT transmits 12 data packages to the Host, and the duration time= 20.0145ms * 12 = 0.240s.



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

Test Results

Operation Frequency (MHz)	20dB Emission Bandwidth (MHz)	Limit (MHz)	Result
433.4	0.096	1.084	Pass



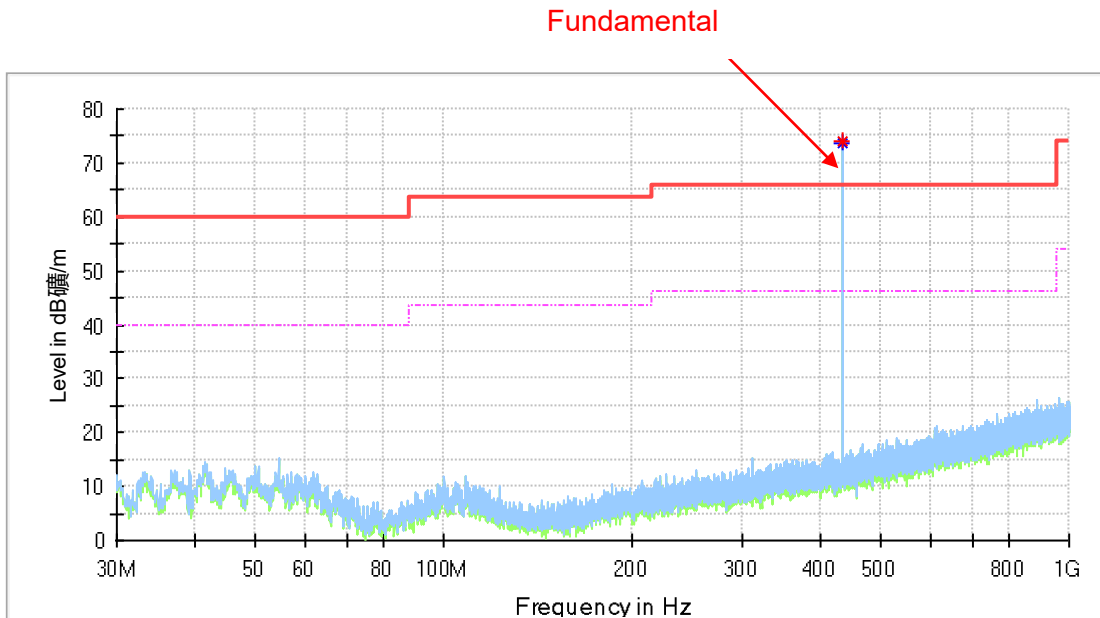
Date: 28.MAY.2021 16:44:30

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 CO Detector
Model:	DS-PDCO-E-WB
Test Mode:	433MHz
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

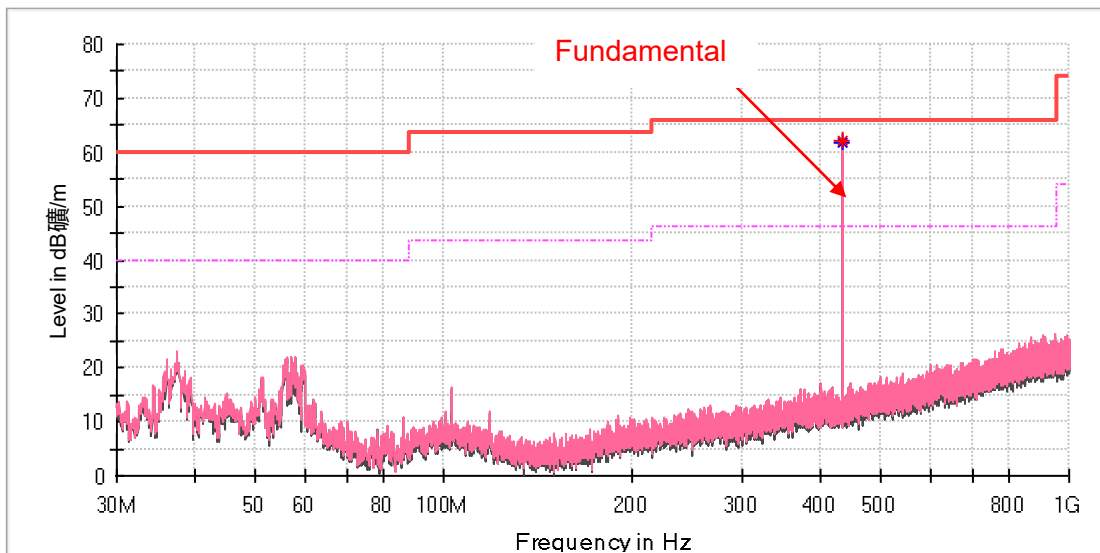
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
433.423000	---	73.55	46.00	-27.55	100.0	H	78.0	-13.3
433.423000	74.03		66.00	-8.03	100.0	H	78.0	-13.3

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: Wireless CO Detector
 Model: DS-PDCO-E-WB
 Test Mode: 433MHz
 Test Voltage:: Battery
 Remark: Temp 24 Humi:47%
 Test Standard: FCC Part 15C
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

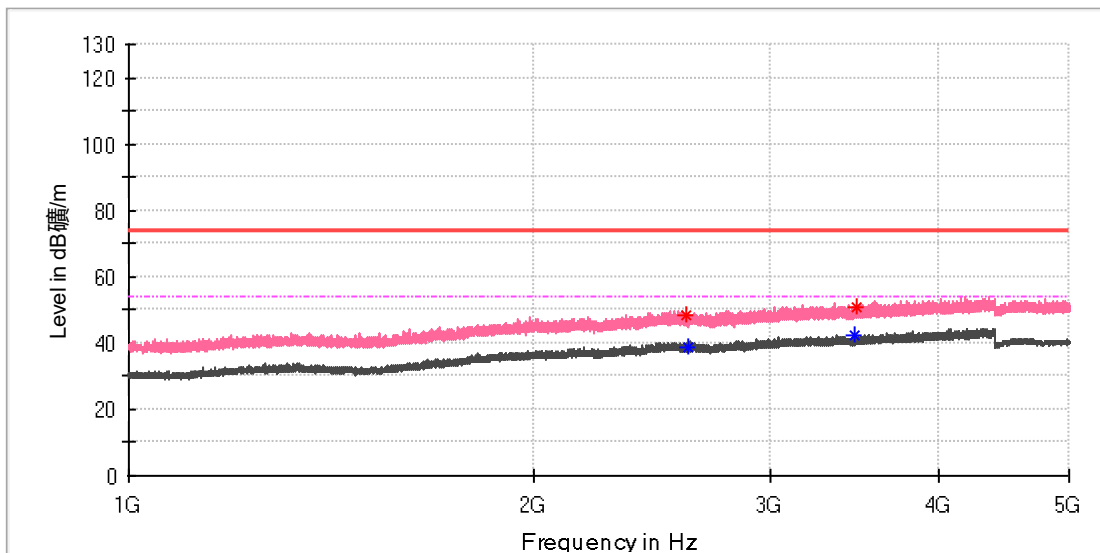
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
433.374500	---	61.70	46.00	-15.70	100.0	V	93.0	-13.3
433.374500	62.15		66.00	3.85	100.0	V	93.0	-13.3

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: Wireless CO Detector
 Model: DS-PDCO-E-WB
 Test Mode: 433MHz
 Test Voltage:: Battery
 Remark: Temp 24 Humi:47%
 Test Standard: FCC Part 15C
 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)
2599.870000	48.13	---	74.00	25.87	100.0	V	357.0	7.4
2600.550000	---	38.99	54.00	15.01	100.0	V	313.0	7.4
3467.040000	---	42.40	54.00	11.60	100.0	V	228.0	8.9
3471.290000	50.70	---	74.00	23.30	100.0	V	357.0	8.9

Final_Result

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