

Appendix B: Test Results of FCC Part 15C

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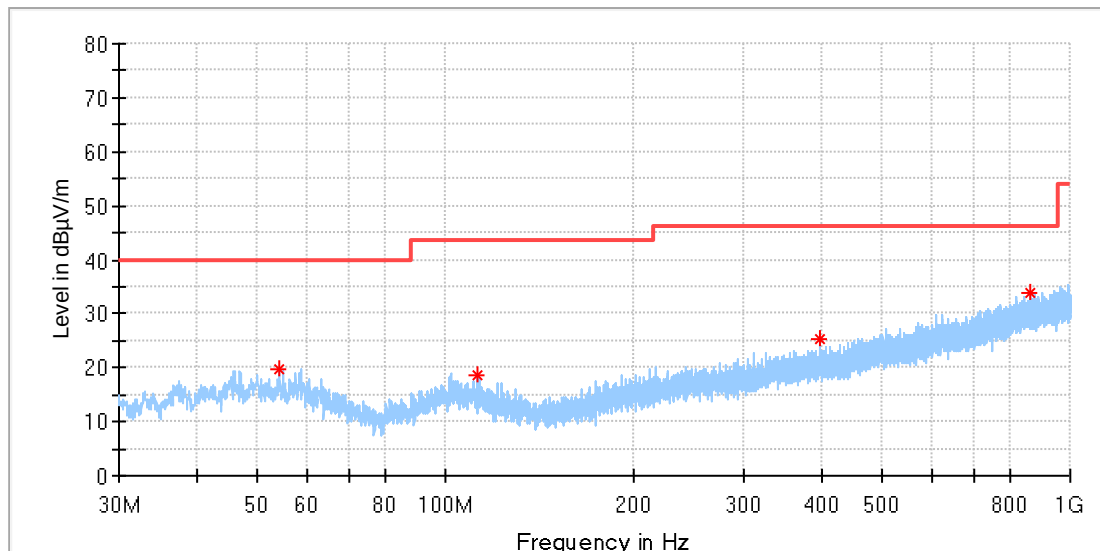
Note: The testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz to 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

Appendix B.1: Test Results of Field strength of fundamental & harmonics

30MHz - 1GHz

EUT Information

EUT Name:	Intelligent Toilet
Model:	V7216
Test Mode:	2477MHz
Order No/Sample No:	168347854/A003184336-008
Test Voltage::	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.249
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

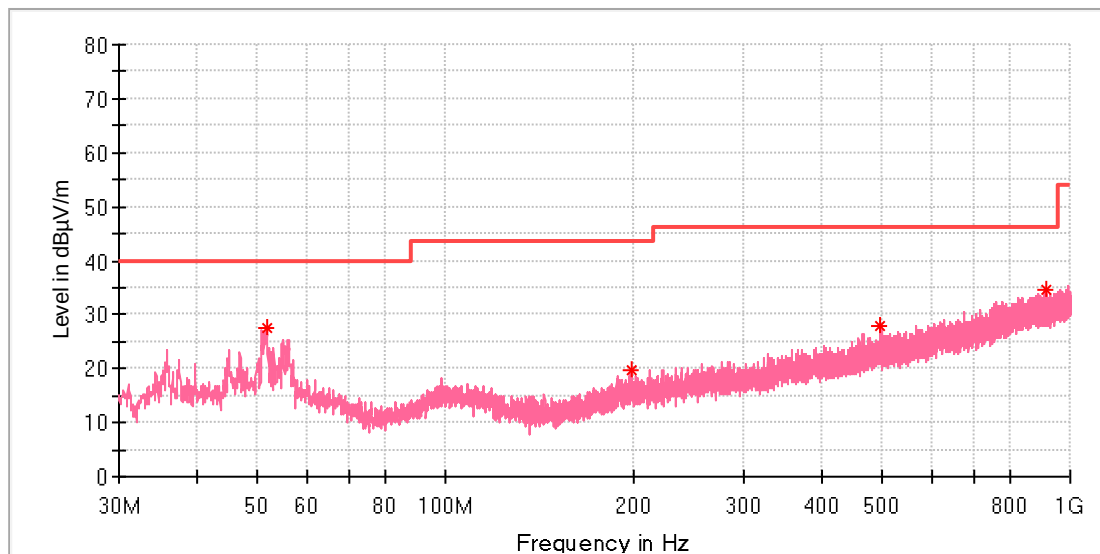
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
54.250000	19.89	40.00	20.11	100.0	H	328.0	-18.4
112.741000	18.75	43.50	24.75	100.0	H	233.0	-19.4
398.309000	25.15	46.00	20.85	100.0	H	60.0	-13.6
862.648000	33.97	46.00	12.03	100.0	H	112.0	-5.3

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: Intelligent Toilet
Model: V7216
Test Mode: 2477MHz
Order No/Sample No: 168347854/A003184336-008
Test Voltage:: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.249
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Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
51.679500	27.39	40.00	12.61	100.0	V	36.0	-18.4
198.198000	19.75	43.50	23.75	100.0	V	99.0	-19.0
496.327500	27.74	46.00	18.26	100.0	V	211.0	-11.9
913.185000	34.67	46.00	11.33	100.0	V	19.0	-4.9

Final_Result

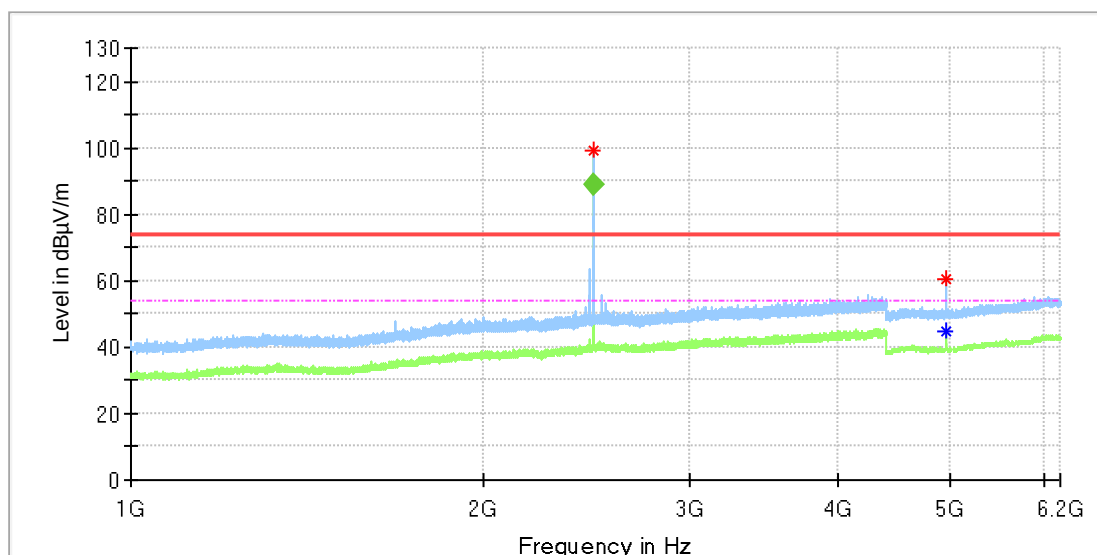
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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1GHz - 18GHz

Note: The highest waveform in the figure is 2.4GHz Fundamental.

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Critical Freqs

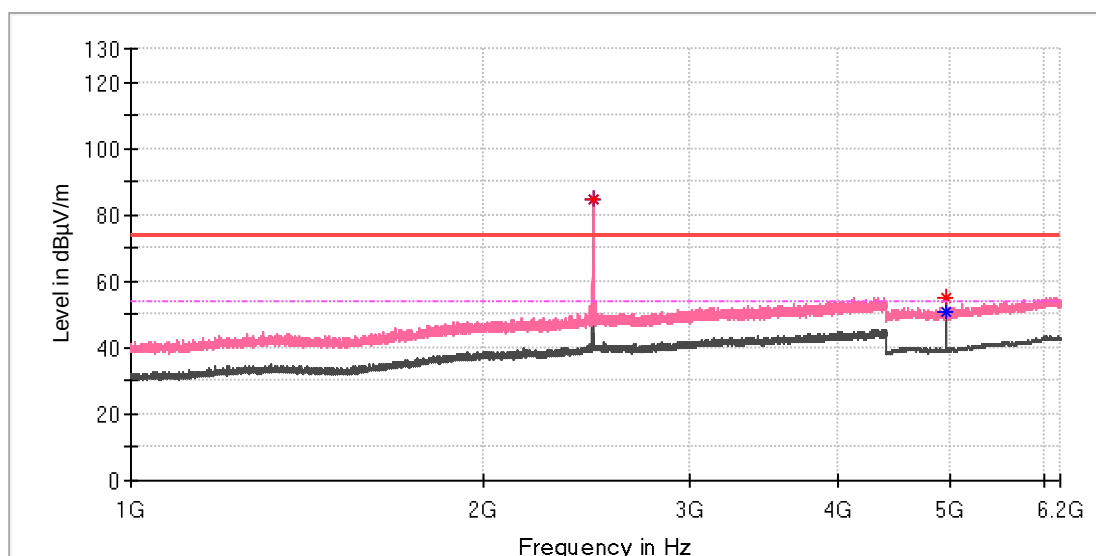
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2476.790000	99.06	---	114.00	14.94	100.0	H	52.0	7.4
4955.000000	60.55	---	74.00	13.45	100.0	H	334.0	11.8
4955.000000	---	44.58	54.00	9.42	100.0	H	334.0	11.8

Final Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2477.871000	89.02	94.00	4.98	105.0	H	51.0	7.4

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Test Standard: FCC 15.249
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Critical_Freqs

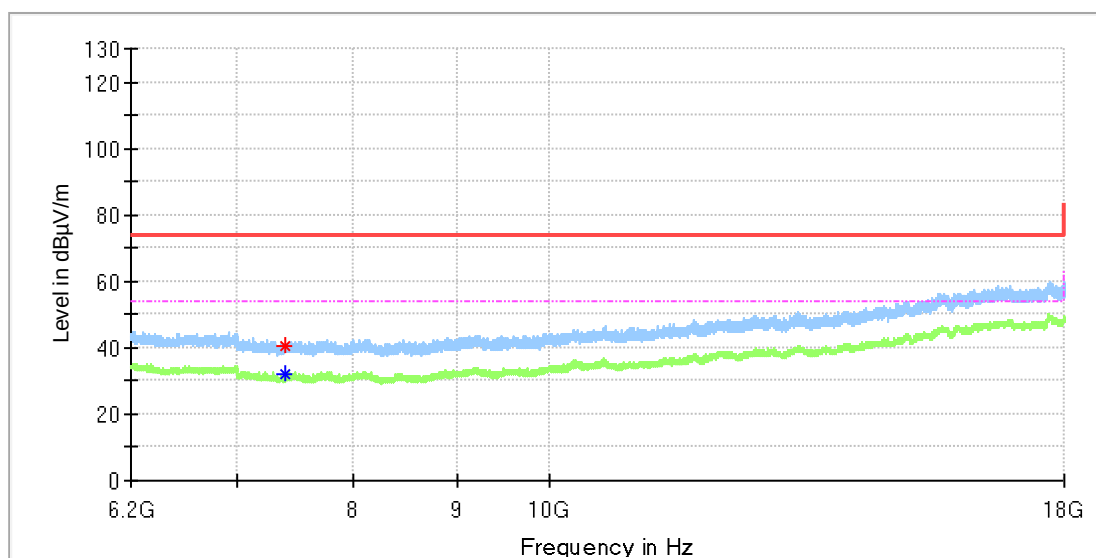
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2476.790000	84.62	---	114.00	29.38	100.0	V	148.0	7.4
2476.790000	---	84.50	94.00	9.50	100.0	V	148.0	7.4
4953.500000	---	50.55	54.00	3.45	100.0	V	275.0	11.8
4954.000000	55.05	---	74.00	18.95	100.0	V	275.0	11.8

Final_Result

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

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 Order No/Sample No: 168347854/A003184336-008
 Test Voltage:: Battery
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Critical_Freqs

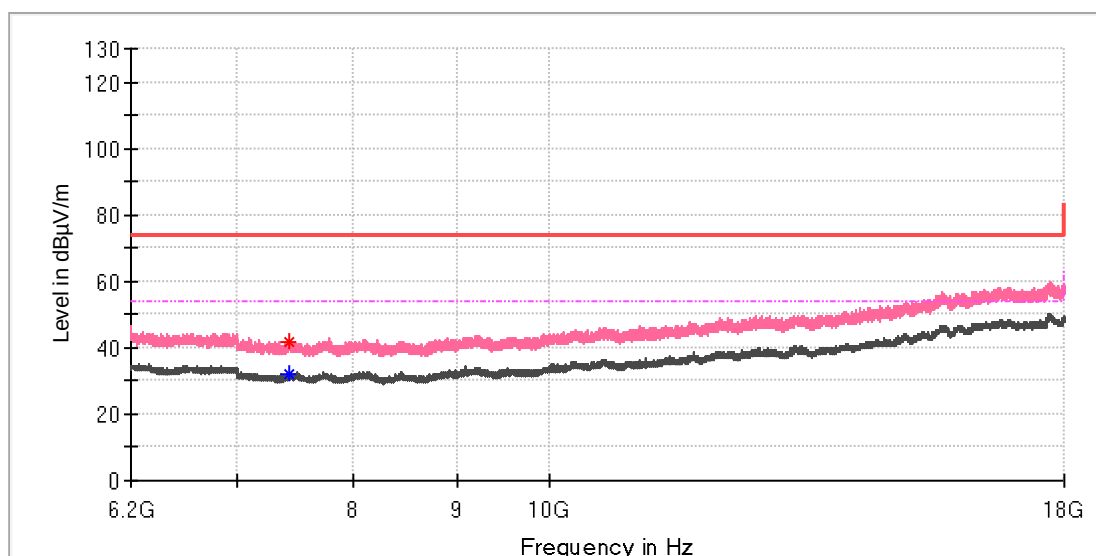
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7400.158333	40.69	---	74.00	33.31	100.0	H	68.0	8.3
7400.158333	---	31.98	54.00	22.02	100.0	H	68.0	8.3

Final Result

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

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Test Mode: 2477MHz
Order No/Sample No: 168347854/A003184336-008
Test Voltage:: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.249
Tested By: Kei Zhang
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Critical_Freqs

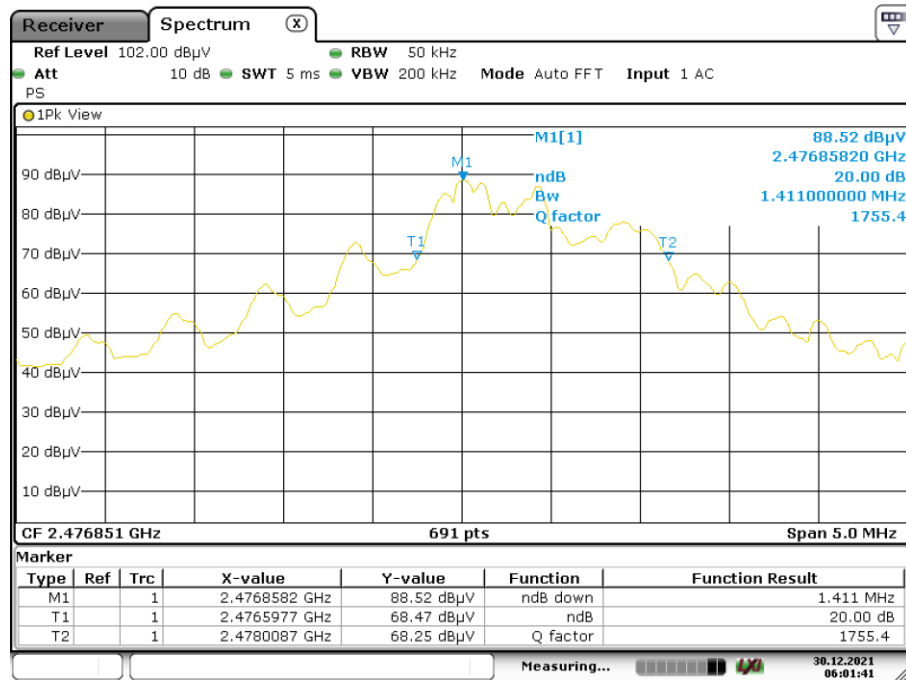
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7431.133333	---	32.14	54.00	21.86	100.0	V	0.0	8.4
7433.100000	41.48	---	74.00	32.52	100.0	V	107.0	8.4

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.2: Test Results of 20dB Bandwidth

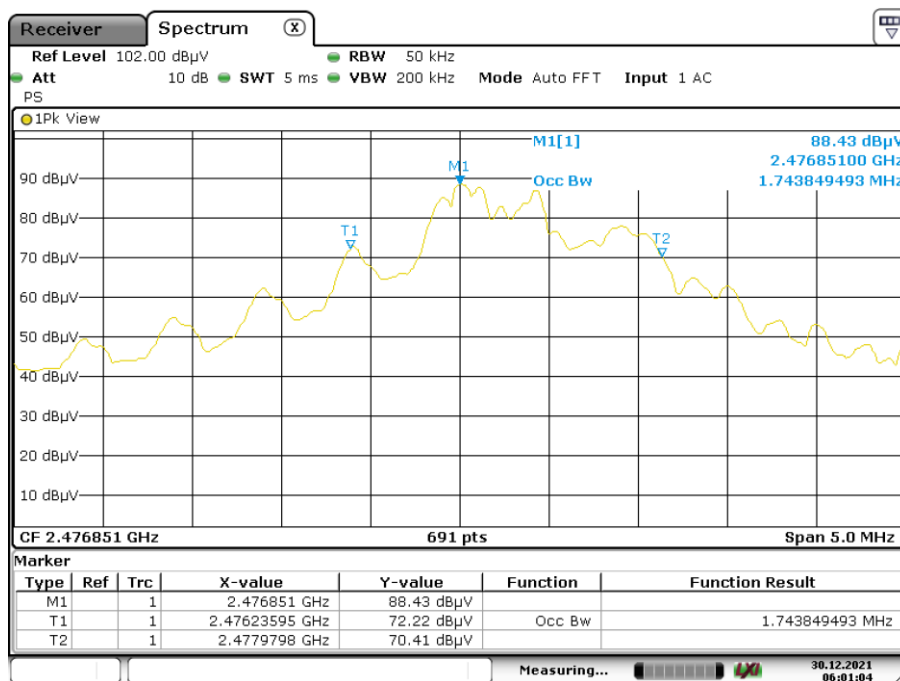
TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
GFSK	Ant1	2477	1.411	2.4766	2.4780	---	PASS



Date: 30.DEC.2021 06:01:40

Appendix B.3: Test Results of 99% Bandwidth

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
GFSK	Ant1	2477	1.744	2.4762	2.4780	---	PASS

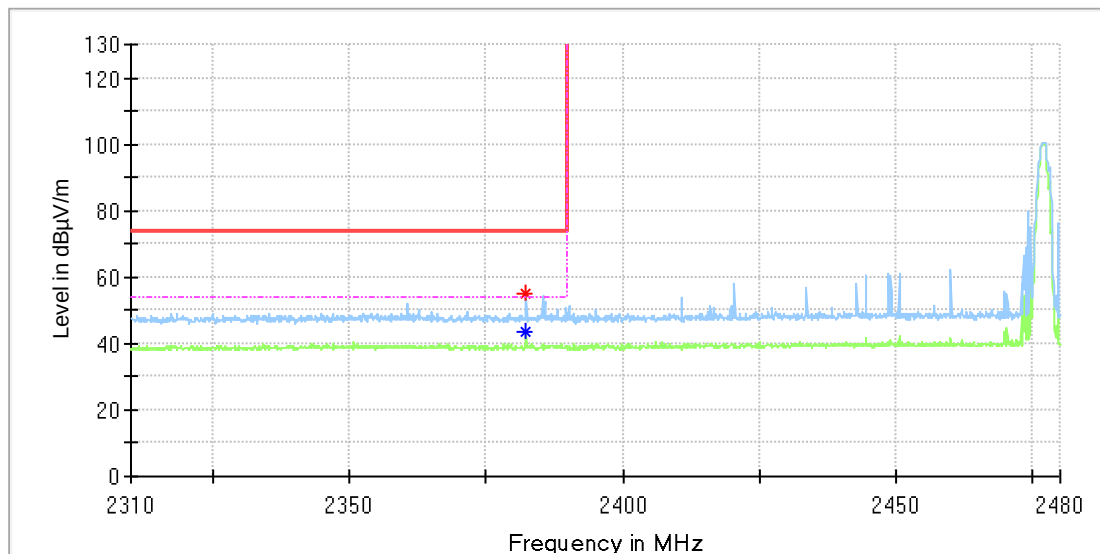


Date: 30.DEC.2021 06:01:03

Appendix B.4: Test Results of Band Edge

EUT Information

EUT Name: Intelligent Toilet
Model: V7216
Test Mode: 2477MHz
Order No/Sample No: 168347854/A003184336-008
Test Voltage:: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.249
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

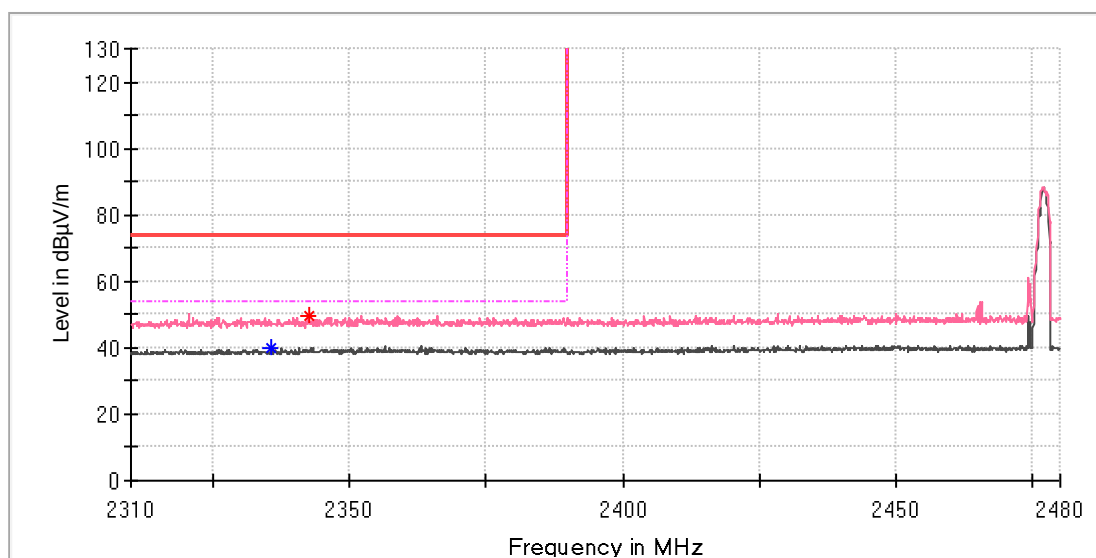
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2382.300000	---	43.49	54.00	10.51	100.0	H	327.0	7.0
2382.300000	55.20	---	74.00	18.80	100.0	H	327.0	7.0

Final Result

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

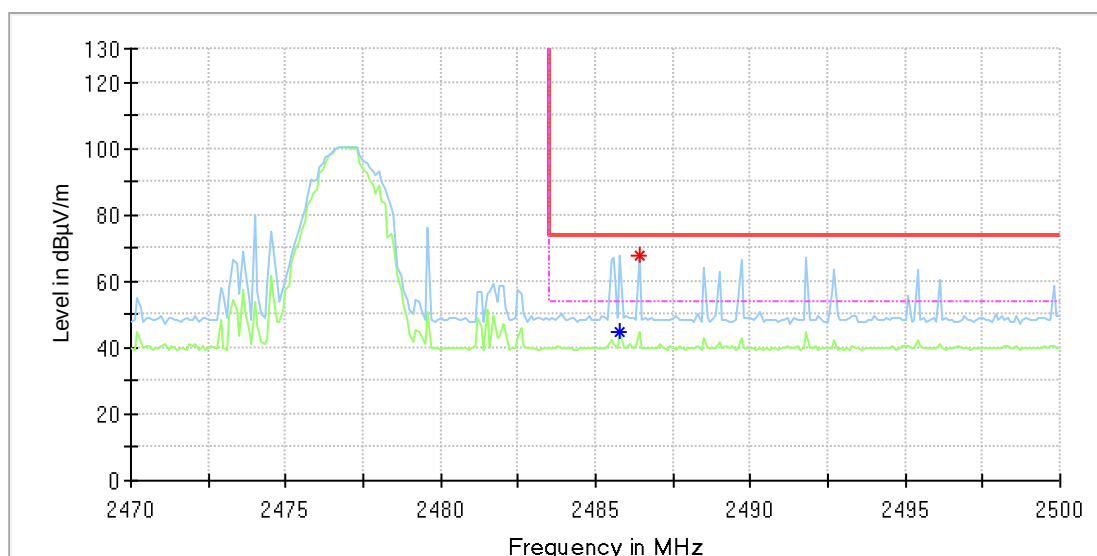
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2335.700000	---	39.93	54.00	14.07	100.0	V	347.0	6.8
2342.500000	49.42	---	74.00	24.58	100.0	V	353.0	6.8

Final_Result

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

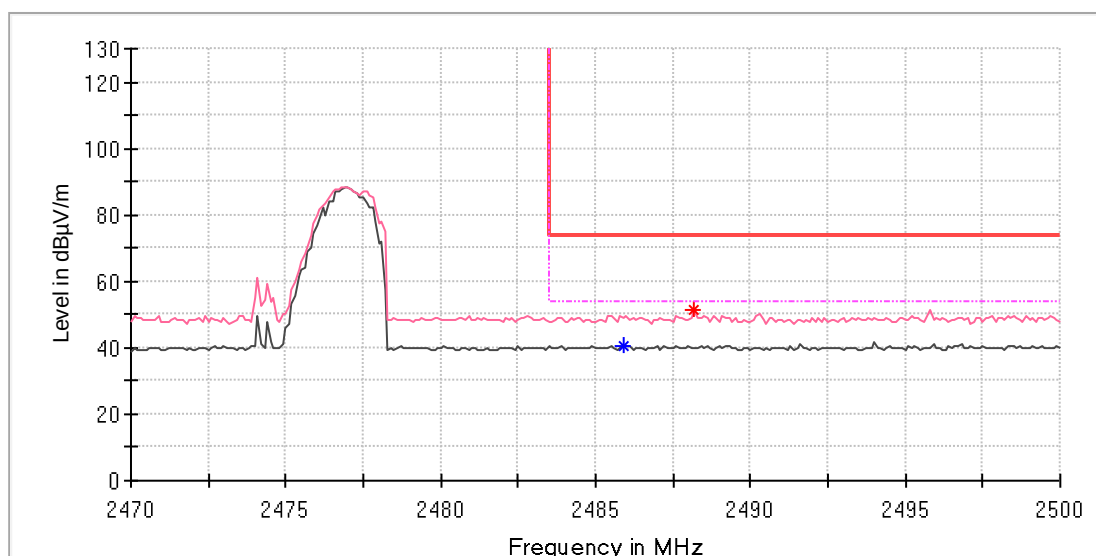
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2485.800000	---	44.88	54.00	9.12	100.0	H	244.0	7.4
2486.400000	67.91	---	74.00	6.09	100.0	H	349.0	7.4

Final Result

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

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2485.900000	---	40.28	54.00	13.72	100.0	V	214.0	7.4
2488.200000	51.17	---	74.00	22.83	100.0	V	219.0	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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