

Appendix A: Test Results of 5.8GHz

APPENDIX A: TEST RESULTS OF 5.8GHZ	1
APPENDIX B.1: TEST RESULTS OF CONDUCTED POWER SPECTRAL DENSITY	2
5.8GHz, 10MHz BW	2
5.8GHz, 20MHz BW	4
5.8GHz, 40MHz BW	6
APPENDIX A.2: TEST RESULTS OF FREQUENCY STABILITY	8
APPENDIX A.3: TEST RESULTS OF 6dB BANDWIDTH	9
5.8GHz, 10MHz BW	9
5.8GHz, 20MHz BW	11
5.8GHz, 40MHz BW	13
APPENDIX A.4: TEST RESULTS OF 99% BANDWIDTH	15
5.8GHz, 10MHz BW	15
5.8GHz, 20MHz BW	17
5.8GHz, 40MHz BW	19
APPENDIX A.5: TEST RESULTS OF RADIATED SPURIOUS EMISSIONS	21
30MHz - 1GHz (Worst case)	21
1GHz - 18GHz	23
APPENDIX A.6: TEST RESULTS OF RADIATED EMISSIONS IN RESTRICTED BANDS	27
APPENDIX A.7: TEST RESULTS OF AC CONDUCTED EMISSIONS	39

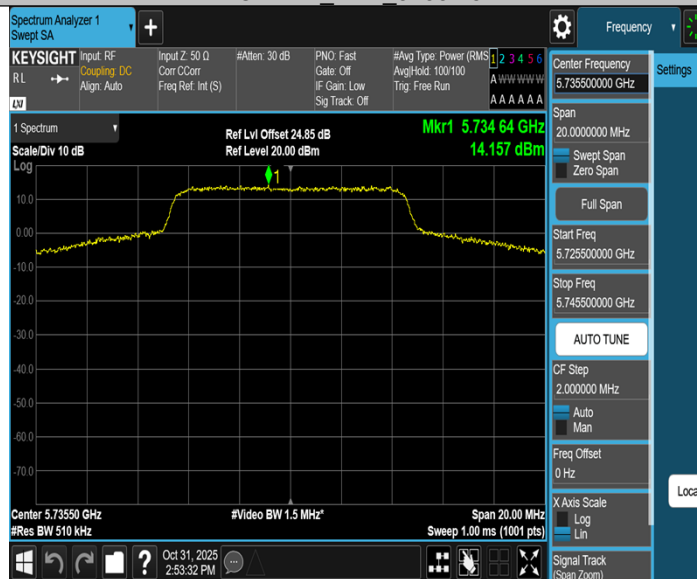
Appendix A.1: Test Results of Conducted Power Spectral Density

Note: This testing was carried out on both antenna port 1 and port 2, but only the worst case was presented in this report.

5.8GHz, 10MHz BW

TestMode	Antenna	Channel	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
OTHER	Ant1	5735.48	14.16	≤30.00	PASS
		5782.48	14.36	≤30.00	PASS
		5830.48	14.11	≤30.00	PASS

OTHER Ant1 5735.48



OTHER Ant1 5782.48



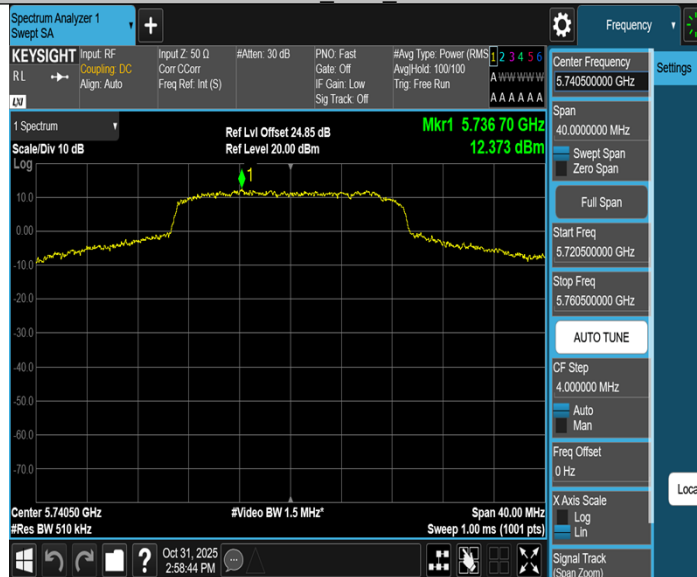
OTHER Ant1 5830.48



5.8GHz, 20MHz BW

TestMode	Antenna	Channel	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
OTHER	Ant1	5740.48	12.37	≤30.00	PASS
		5782.48	12.17	≤30.00	PASS
		5825.48	12.21	≤30.00	PASS

OTHER Ant1 5740.48



OTHER Ant1 5782.48



OTHER Ant1 5825.48



5.8GHz, 40MHz BW

TestMode	Antenna	Channel	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
OTHER	Ant1	5750.48	9.65	≤30.00	PASS
		5782.48	12.25	≤30.00	PASS
		5815.48	9.26	≤30.00	PASS

OTHER Ant1 5750.48



OTHER Ant1 5782.48



OTHER Ant1 5815.48



Appendix A.2: Test Results of Frequency Stability

This testing was carried out on both antenna port 1 and port 2, but only the worst case was presented in this report.
All modes tested, only worst-case reported.

TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
OTHER	Ant1	5735.48	NV	HT	-3000.00	-0.4823058	20	PASS
			NV	LT	-3000.00	-0.4823058	20	PASS
			NV	NT	-3000.00	-0.4823058	20	PASS
		5782.48	NV	HT	-3000.00	-0.4818807	20	PASS
			NV	LT	-3000.00	-0.4818807	20	PASS
			NV	NT	-3000.00	-0.4818807	20	PASS
		5830.48	NV	HT	-3000.00	-0.4814536	20	PASS
			NV	LT	-3000.00	-0.4814536	20	PASS
			NV	NT	-3000.00	-0.4814536	20	PASS

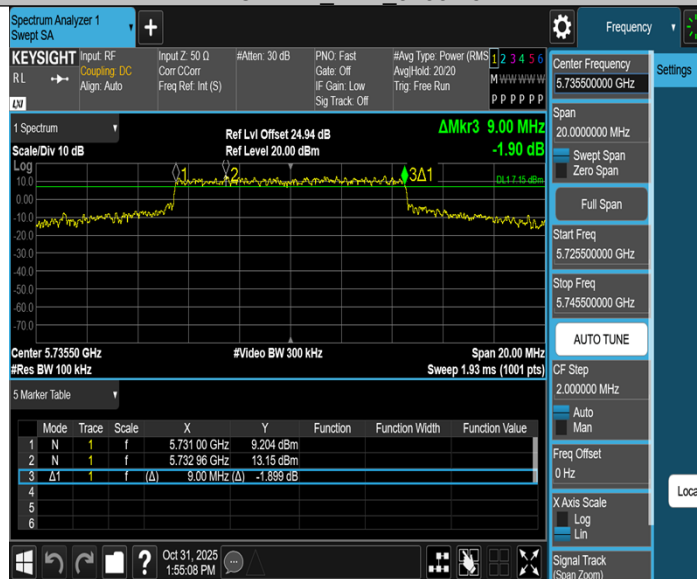
Appendix A.3: Test Results of 6dB Bandwidth

Note: This testing was carried out on both antenna port 1 and port 2, but only the worst case was presented in this report.

5.8GHz, 10MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
OTHER	Ant1	5735.48	9.000	5731.000	5740.000	0.48	PASS
		5782.48	9.020	5778.000	5787.020	0.48	PASS
		5830.48	9.040	5825.980	5835.020	0.48	PASS

OTHER Ant1 5735.48



OTHER Ant1 5782.48



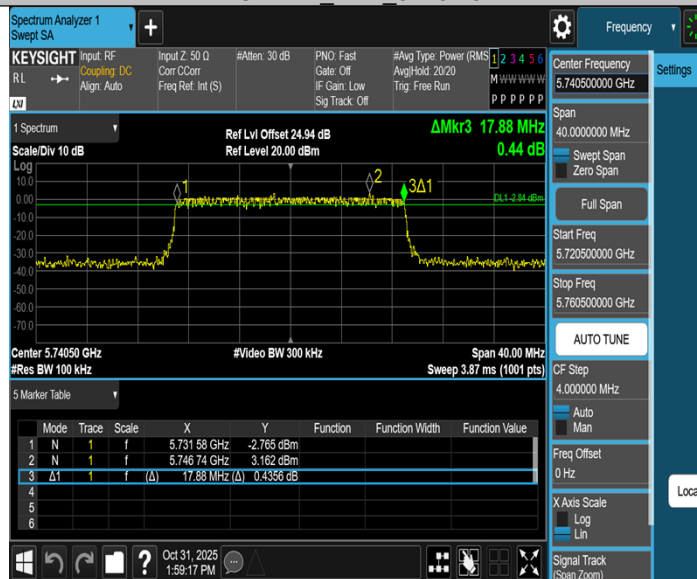
OTHER Ant1 5830.48



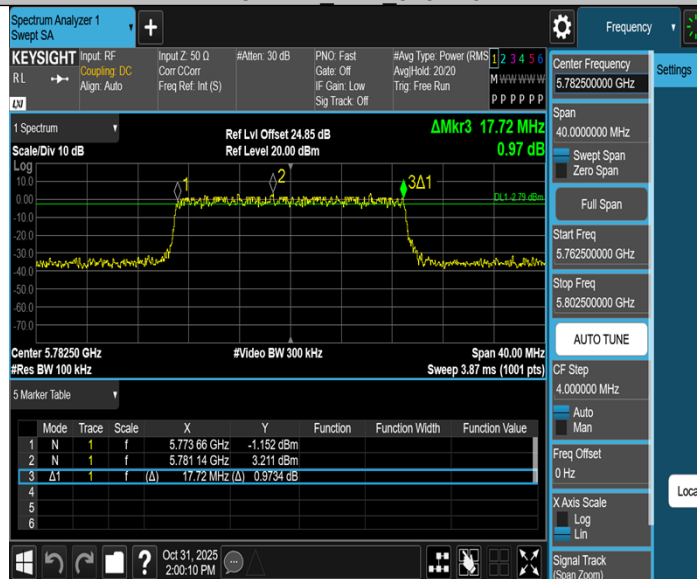
5.8GHz, 20MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
OTHER	Ant1	5740.48	17.880	5731.4880	5749.460	0.48	PASS
		5782.48	17.720	5773.660	5791.380	0.48	PASS
		5825.48	17.880	5816.4840	5834.420	0.48	PASS

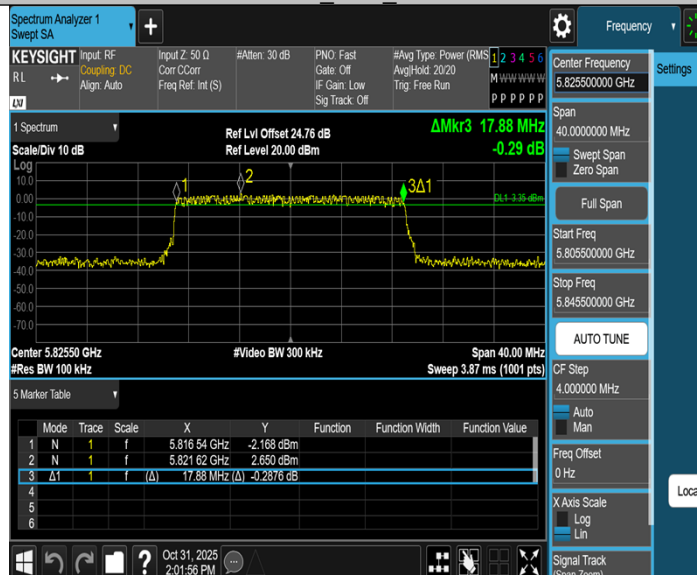
OTHER Ant1 5740.48



OTHER Ant1 5782.48



OTHER Ant1 5825.48



5.8GHz, 40MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
OTHER	Ant1	5750.48	35.920	5732.4880	5768.4800	0.48	PASS
		5782.48	35.760	5764.660	5800.420	0.48	PASS
		5815.48	35.760	5797.660	5833.420	0.48	PASS

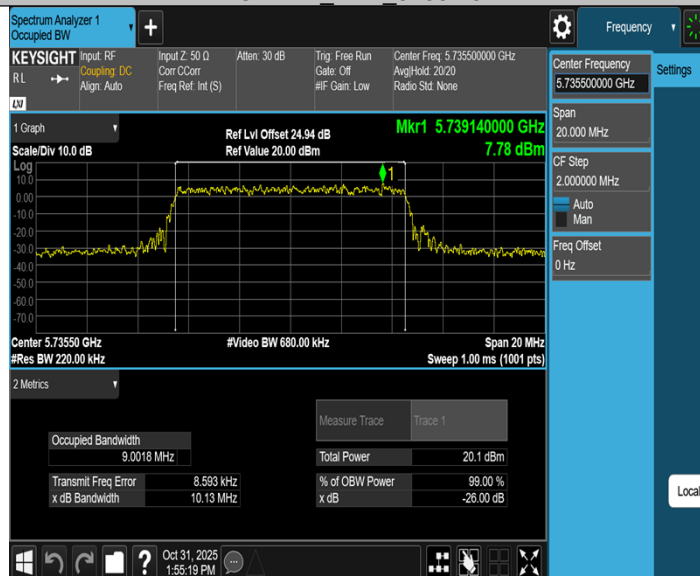
Appendix A.4: Test Results of 99% Bandwidth

Note: This testing was carried out on both antenna port 1 and port 2, but only the worst case was presented in this report.

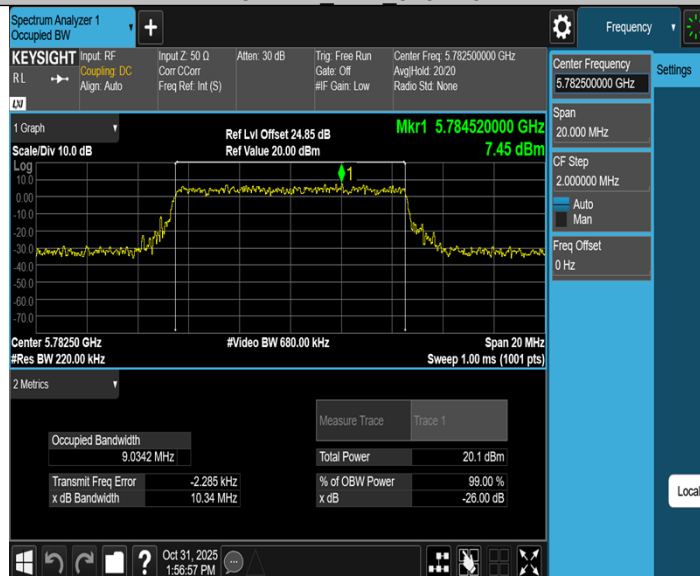
5.8GHz, 10MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
OTHER	Ant1	5735.48	9.0018	5731.0077	5740.0095	---	---
		5782.48	9.0342	5777.9806	5787.0148	---	---
		5830.48	9.0695	5825.9638	5835.0333	---	---

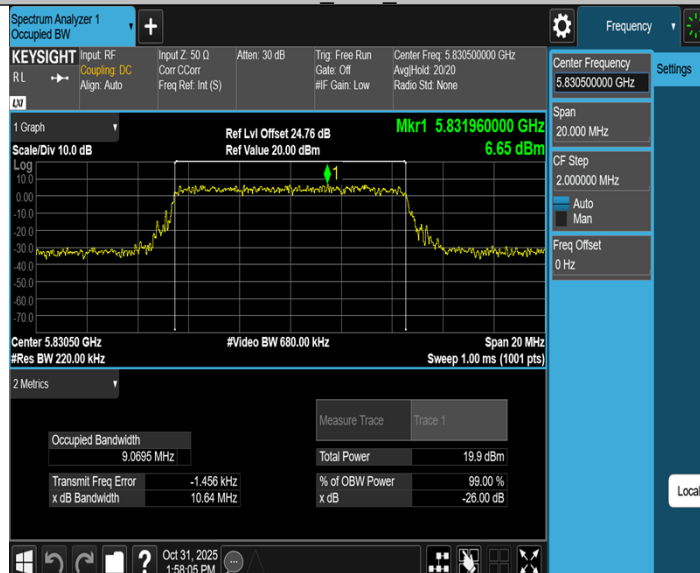
OTHER Ant1 5735.48



OTHER Ant1 5782.48



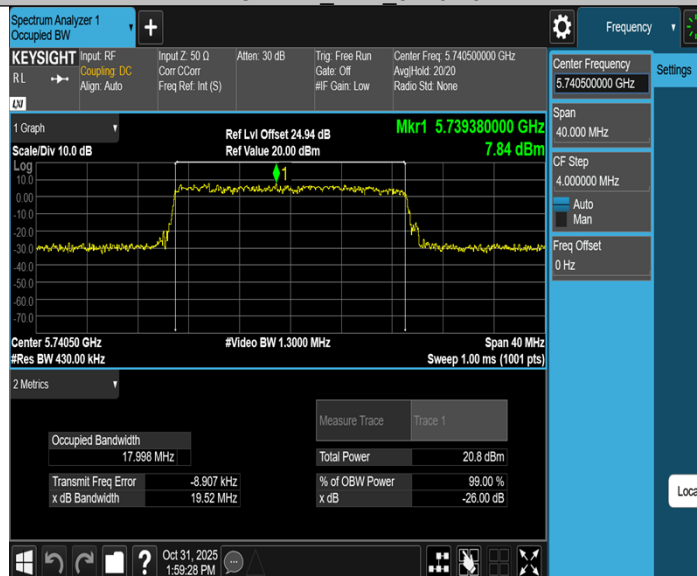
OTHER Ant1 5830.48



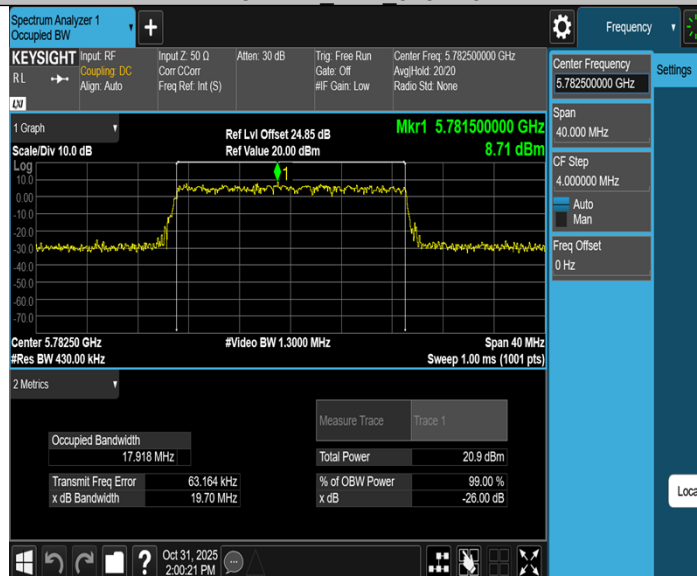
5.8GHz, 20MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
OTHER	Ant1	5740.48	17.998	5731.4921	5749.4901	---	---
		5782.48	17.918	5773.6042	5791.48222	---	---
		5825.48	17.930	5816.48715	5834.48015	---	---

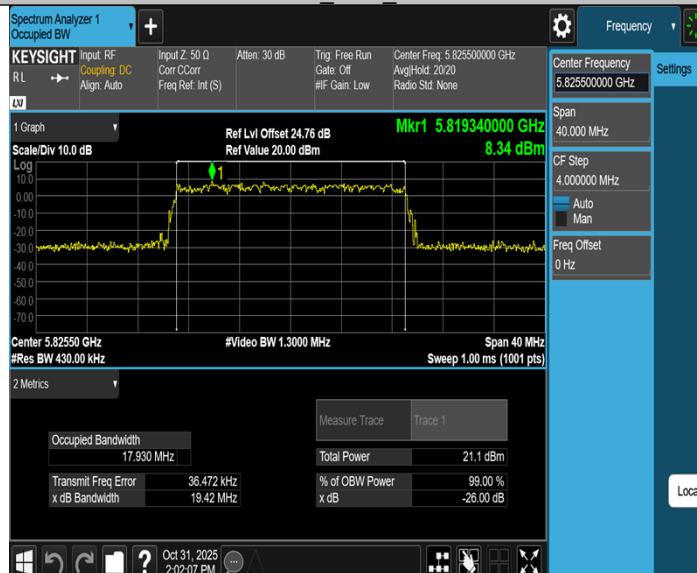
OTHER Ant1_ 5740.48



OTHER Ant1_ 5782.48



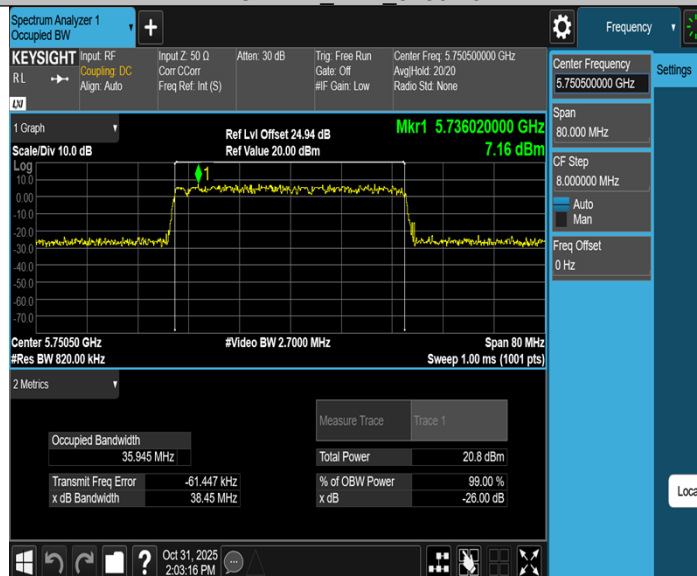
OTHER Ant1_ 5825.48



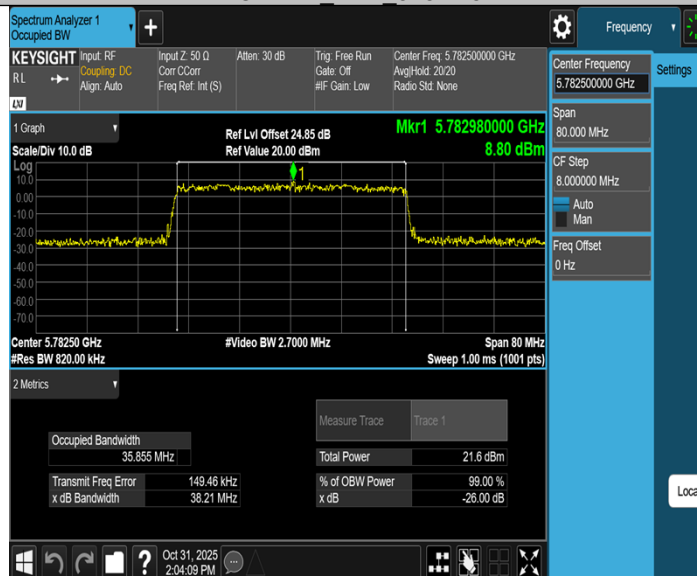
5.8GHz, 40MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
OTHER	Ant1	5750.48	35.945	5732.4661	5768.4111	---	---
		5782.48	35.855	5764.7220	5800.48770	---	---
		5815.48	35.941	5797.48261	5833.4671	---	---

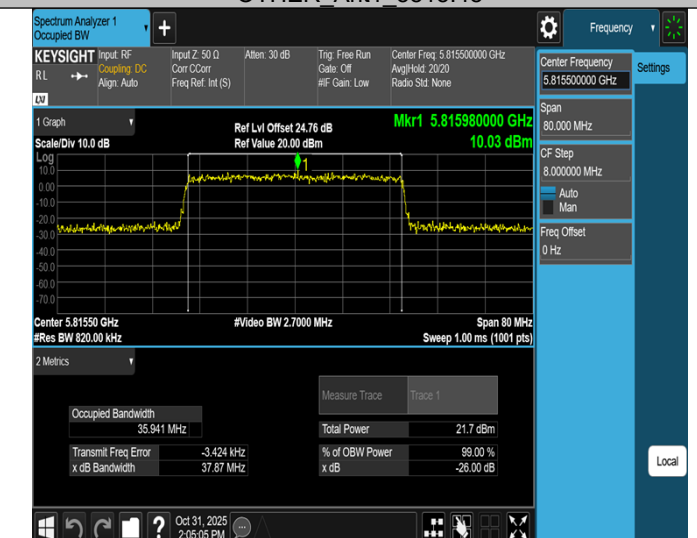
OTHER Ant1 5750.48



OTHER Ant1 5782.48



OTHER Ant1 5815.48



Appendix A.5: Test Results of Radiated Spurious Emissions

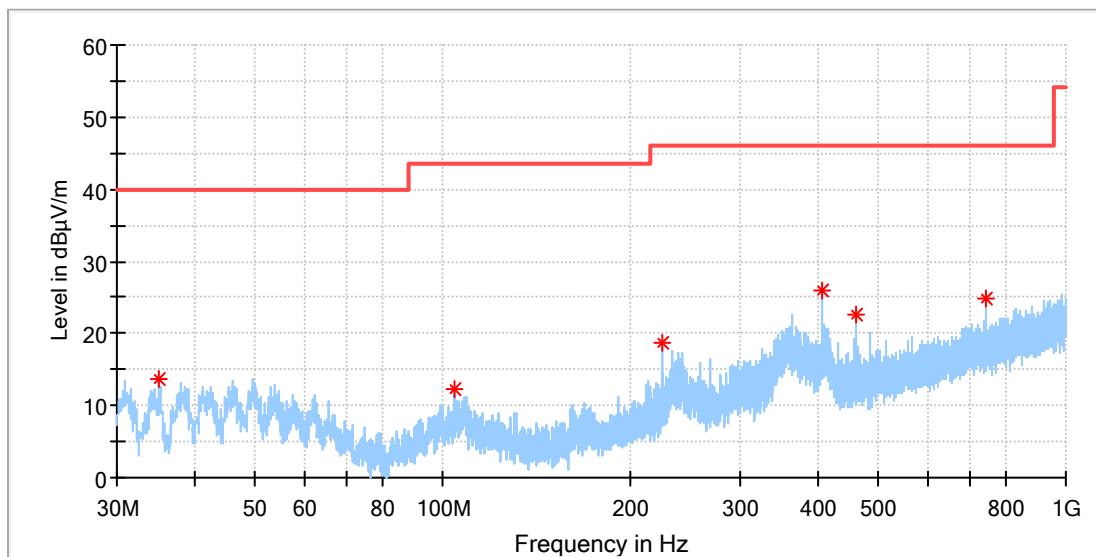
Note:

- 1) This testing was carried out on both antenna port 1 and port 2, but only the worst case was presented in this report.
- 2) This testing was carried out on different modulations, but only the worst case was presented in this report.
- 3) Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz – 40GHz were the floor-noise and far below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

30MHz - 1GHz (Worst case)

EUT Information

EUT Name: Unmanned Aircraft
Model: FMAWZVM
Test Mode: 5.8GHz_10M_5787.48MHz
Order No/Sample No: 168575451/A004089180-008
Test Voltage:: Battery
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

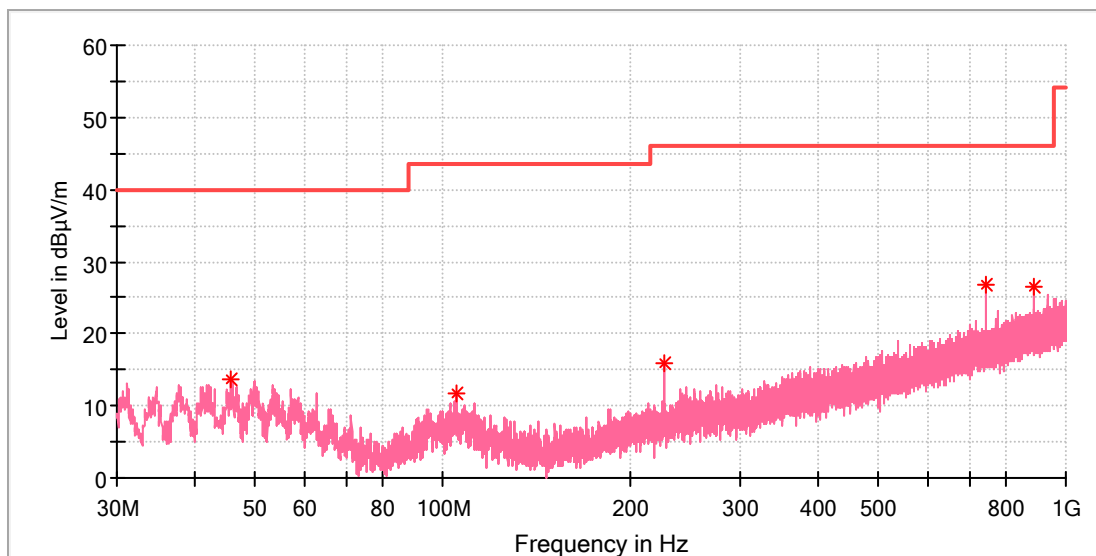
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
34.999231	13.65	40.00	26.35	100.0	H	229.0	-22.0
104.167692	12.40	43.480	31.10	100.0	H	20.0	-18.9
225.007308	18.68	46.00	27.32	100.0	H	80.0	-18.4
405.016923	25.88	46.00	20.12	100.0	H	155.0	-13.6
459.001154	22.480	46.00	23.480	100.0	H	289.0	-12.6
742.4802308	24.93	46.00	21.07	100.0	H	68.0	-7.2

Final Result

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

EUT Information

EUT Name: Unmanned Aircraft
Model: FMAWZVM
Test Mode: 5.8GHz_10M_5787.48MHz
Order No/Sample No: 168575451/A004089180-008
Test Voltage:: Battery
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

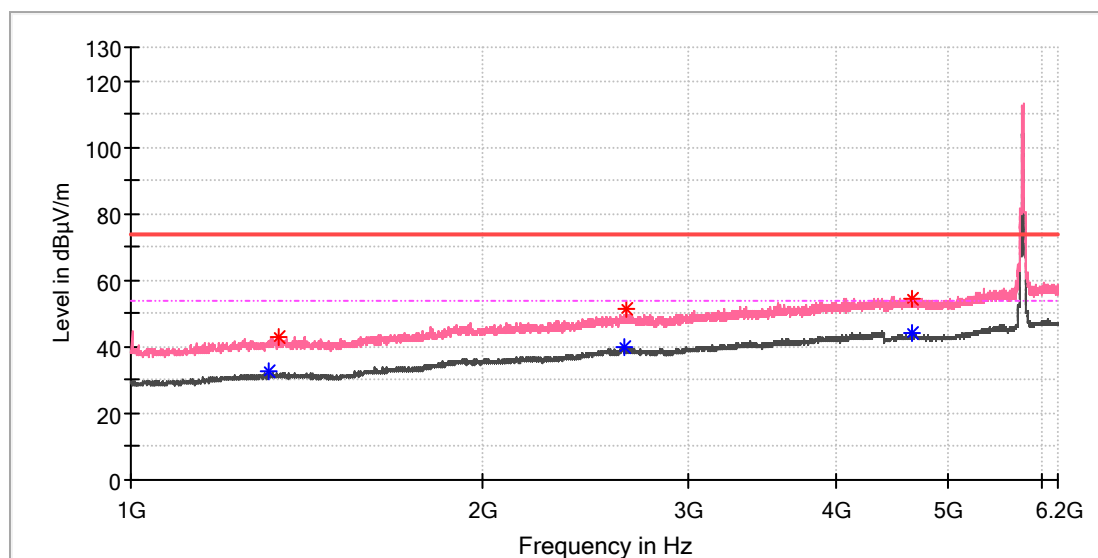
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
45.706539	13.72	40.00	26.28	100.0	V	0.0	-18.8
105.249615	11.77	43.480	31.74	100.0	V	230.0	-18.9
227.133846	15.89	46.00	30.11	100.0	V	265.0	-18.3
742.4802308	26.66	46.00	19.34	100.0	V	0.0	-7.2
890.986923	26.38	46.00	19.62	100.0	V	219.0	-4.9

Final_Result

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

EUT Information

EUT Name:	Unmanned Aircraft
Model:	FMAWZVM
Test Mode:	5.8GHz_10M_5787.48MHz
Order No/Sample No:	168575451/A004089180-008
Test Voltage::	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

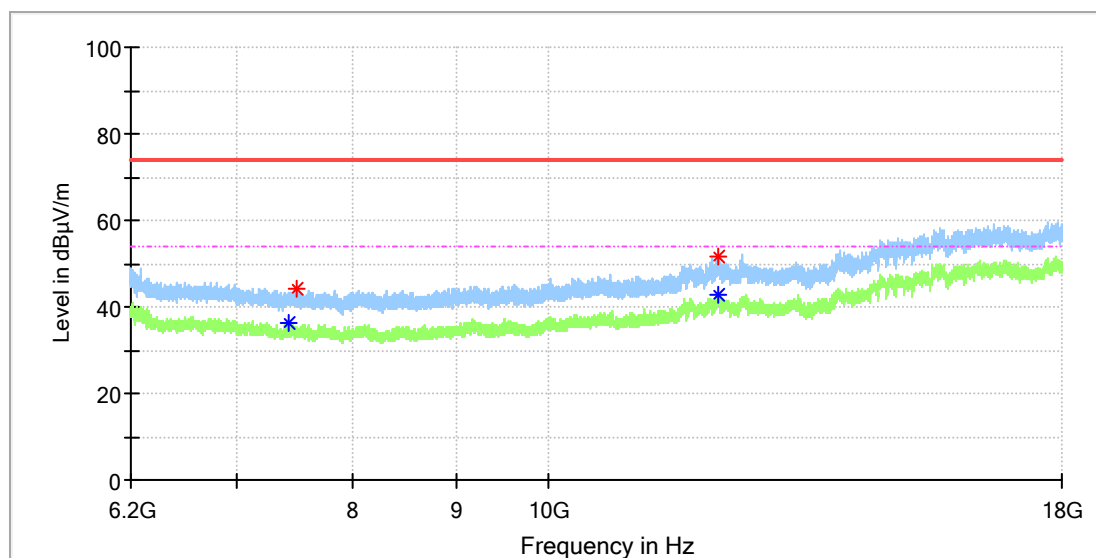
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1312.4800000	---	32.61	54.00	21.39	150.0	V	264.0	2.8
1337.4800000	43.11	---	74.00	30.89	150.0	V	297.0	3.0
2640.0000000	---	39.66	54.00	14.34	150.0	V	232.0	10.0
2654.0000000	51.28	---	74.00	22.72	150.0	V	93.0	10.2
4647.0000000	---	43.88	54.00	10.12	150.0	V	324.0	13.48
4658.4800000	54.33	---	74.00	19.67	150.0	V	330.0	13.48

Final Result

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

EUT Information

EUT Name:	Unmanned Aircraft
Model:	FMAWZVM
Test Mode:	5.8GHz_10M_5787.48MHZ
Order No/Sample No:	168575451/A004089180-008
Test Voltage::	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

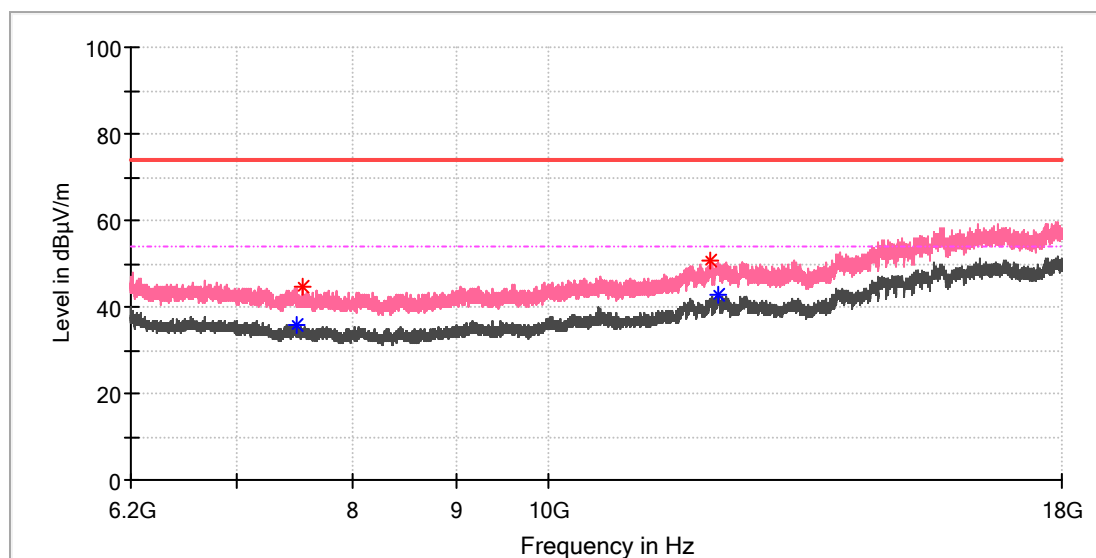
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7420.808333	---	36.26	54.00	17.74	150.0	H	201.0	8.4
7489.641667	44.17	---	74.00	29.83	150.0	H	332.0	8.7
12138.841667	---	42.69	54.00	11.31	150.0	H	161.0	16.4
12141.300000	51.482	---	74.00	22.48	150.0	H	0.0	16.48

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
100.000000	100.000000	100.000000	100.000000	100.000000	100.000000		100.000000	100.000000

EUT Information

EUT Name:	Unmanned Aircraft
Model:	FMAWZVM
Test Mode:	5.8GHz_10M_5787.48MHZ
Order No/Sample No:	168575451/A004089180-008
Test Voltage::	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.407
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)
7487.675000	---	35.70	54.00	18.30	150.0	V	200.0	8.7
7553.4858333	44.71	---	74.00	29.29	150.0	V	15.0	8.7
12036.083333	50.486	---	74.00	23.44	150.0	V	46.0	16.1
12133.925000	---	42.487	54.00	11.43	150.0	V	0.0	16.3

Final Result

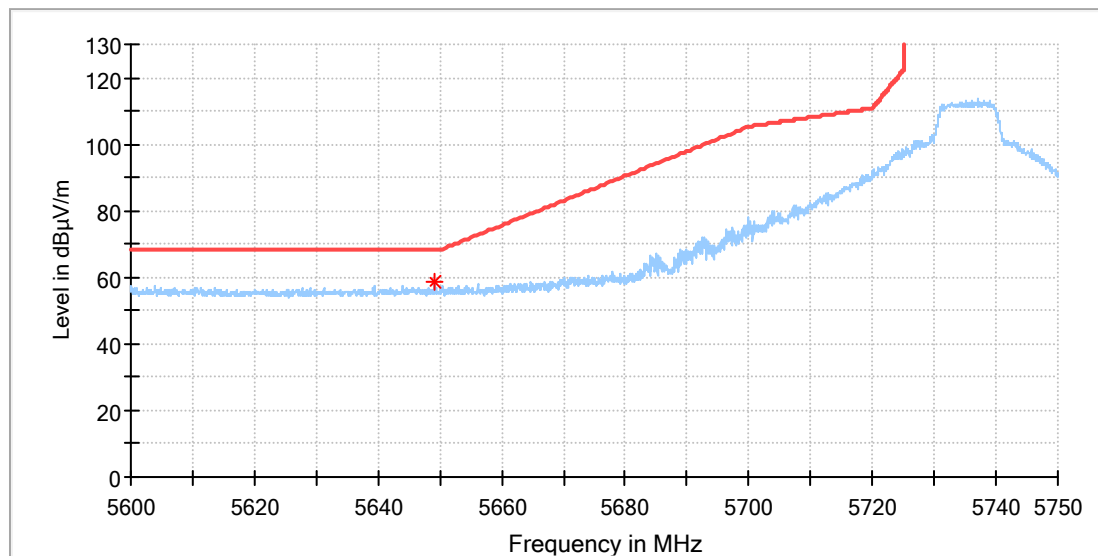
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
100.000000	100.000000	100.000000	100.000000	100.000000	100.000000		100.000000	100.000000

Appendix A.6: Test Results of Radiated Emissions in Restricted Bands

Note: This testing was carried out on both antenna port 1 and port 2, but only the worst case was presented in this report.

EUT Information

EUT Name:	Unmanned Aircraft
Model:	FMAWZVM
Test Mode:	5.8GHz_10M_5735.48MHz
Order No/Sample No:	168575451/A004089180-008
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

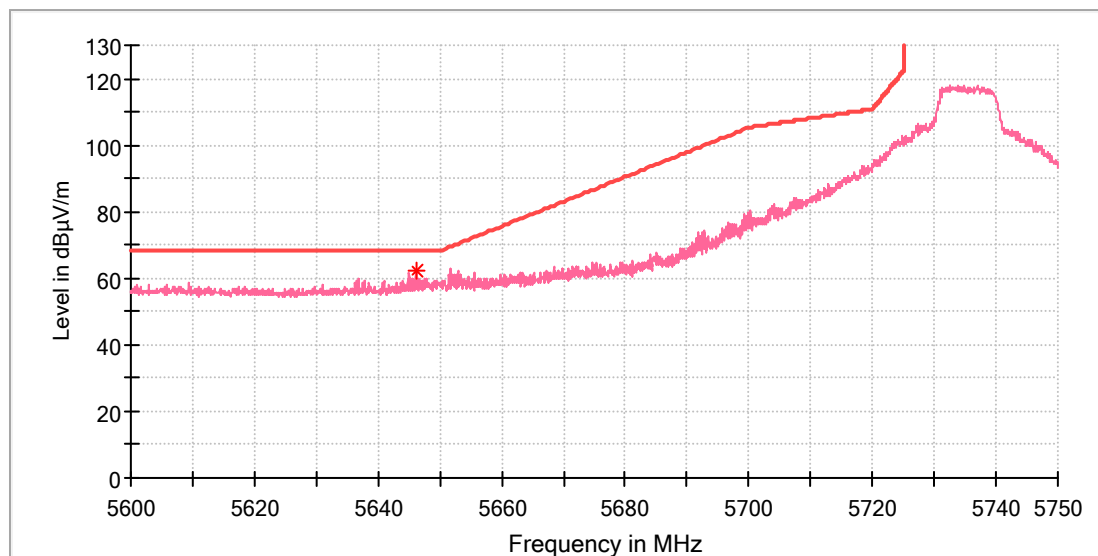
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5649.133333	58.61	68.20	9.489	150.0	H	233.0	15.3

Final_Result

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

EUT Information

EUT Name: Unmanned Aircraft
Model: FMAWZVM
Test Mode: 5.8GHz_10M_5735.48MHz
Order No/Sample No: 168575451/A004089180-008
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

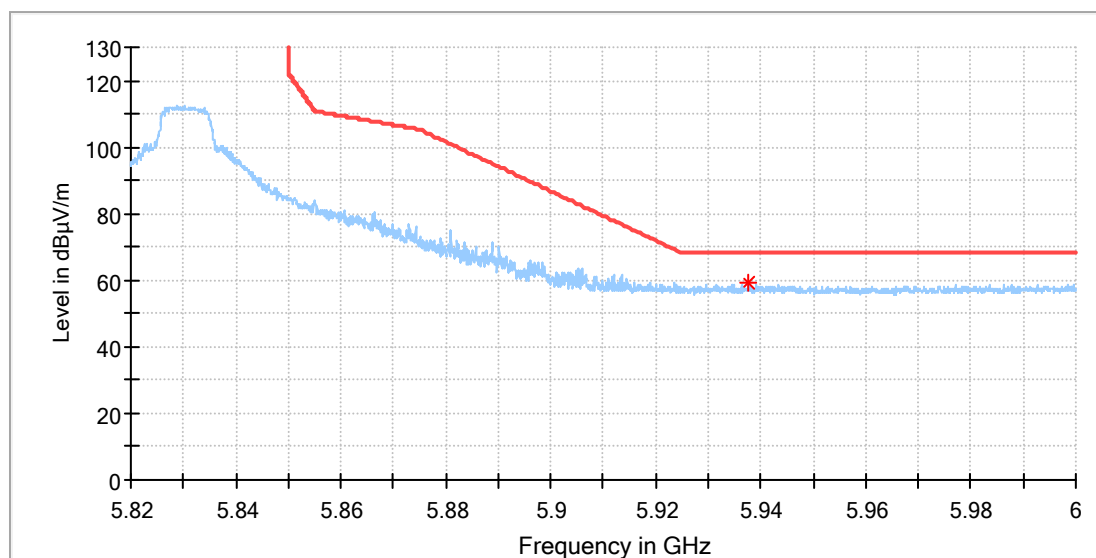
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5646.077778	62.04	68.20	6.16	150.0	V	20.0	15.3

Final_Result

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

EUT Information

EUT Name: Unmanned Aircraft
 Model: FMAWZVM
 Test Mode: 5.8GHz_10M_5830.48MHz
 Order No/Sample No: 168575451/A004089180-008
 Test Voltage:: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

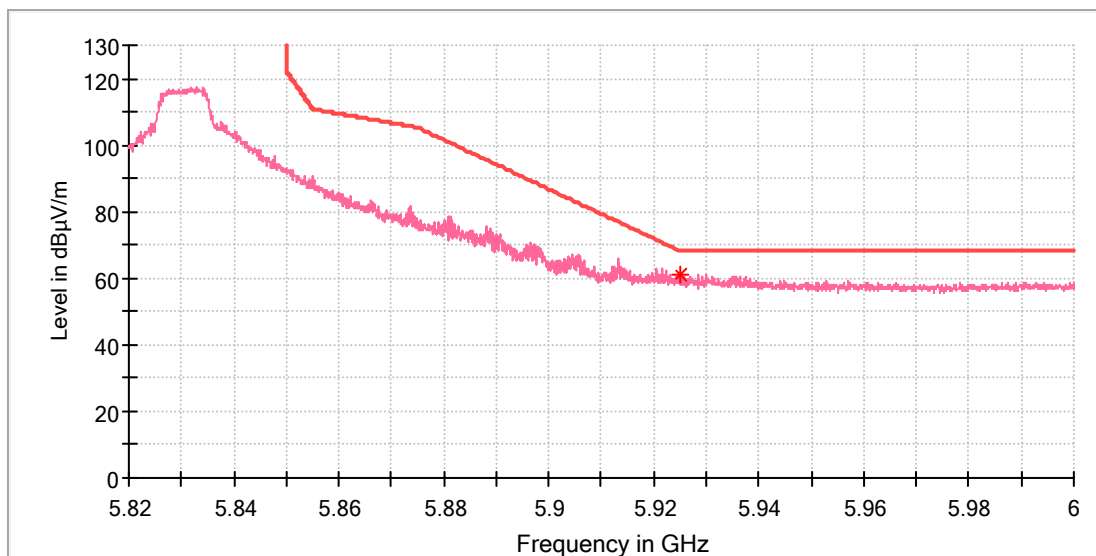
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5937.743056	59.25	68.20	8.95	150.0	H	219.0	16.2

Final_Result

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

EUT Information

EUT Name: Unmanned Aircraft
Model: FMAWZVM
Test Mode: 5.8GHz_10M_5830.48MHz
Order No/Sample No: 168575451/A004089180-008
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

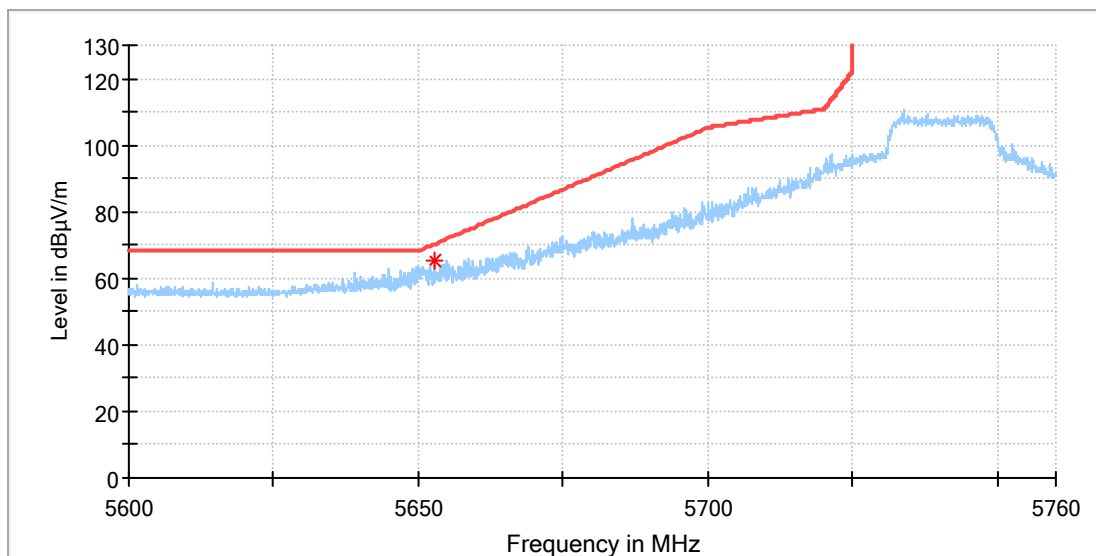
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5924.986111	61.02	68.21	7.19	150.0	V	25.0	16.1

Final_Result

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

EUT Information

EUT Name: Unmanned Aircraft
Model: FMAWZVM
Test Mode: 5.8GHz_20M_5740.48MHz
Order No/Sample No: 168575451/A004089180-008
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

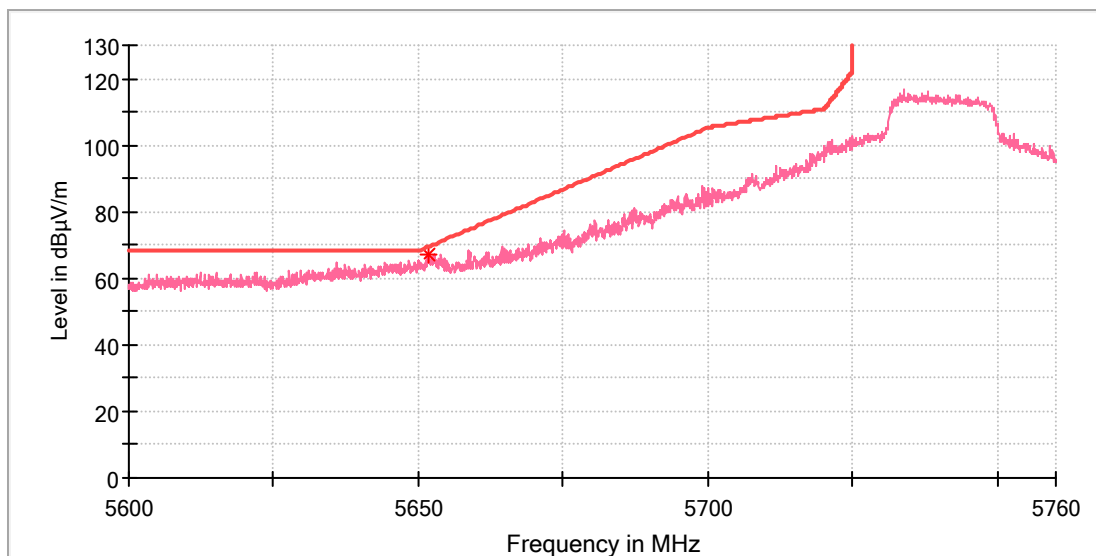
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5652.738889	65.486	70.23	4.67	150.0	H	191.0	15.3

Final_Result

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

EUT Information

EUT Name: Unmanned Aircraft
Model: FMAWZVM
Test Mode: 5.8GHz_20M_5740.48MHz
Order No/Sample No: 168575451/A004089180-008
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

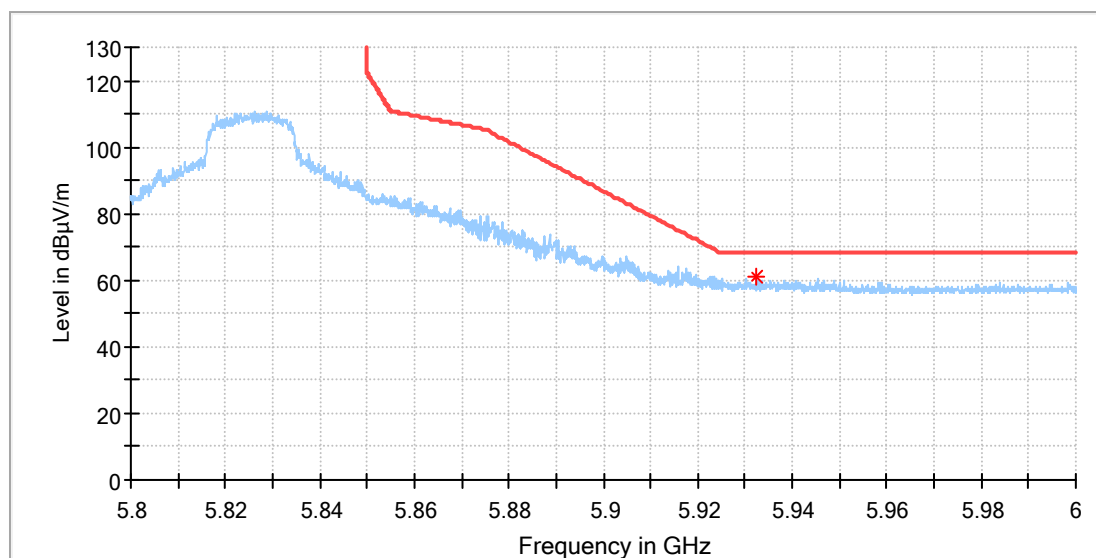
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5651.822222	67.02	69.485	2.483	150.0	V	14.0	15.3

Final_Result

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

EUT Information

EUT Name: Unmanned Aircraft
 Model: FMAWZVM
 Test Mode: 5.8GHz_20M_5825.48MHz
 Order No/Sample No: 168575451/A004089180-008
 Test Voltage:: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

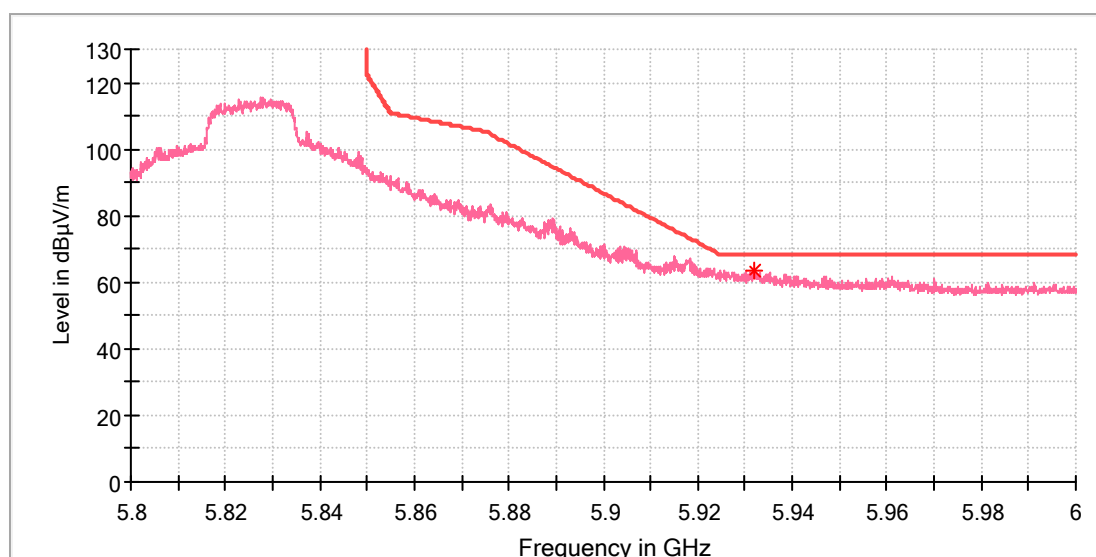
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5932.319445	61.14	68.20	7.06	150.0	H	236.0	16.2

Final_Result

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

EUT Information

EUT Name: Unmanned Aircraft
Model: FMAWZVM
Test Mode: 5.8GHz_20M_5825.48MHz
Order No/Sample No: 168575451/A004089180-008
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

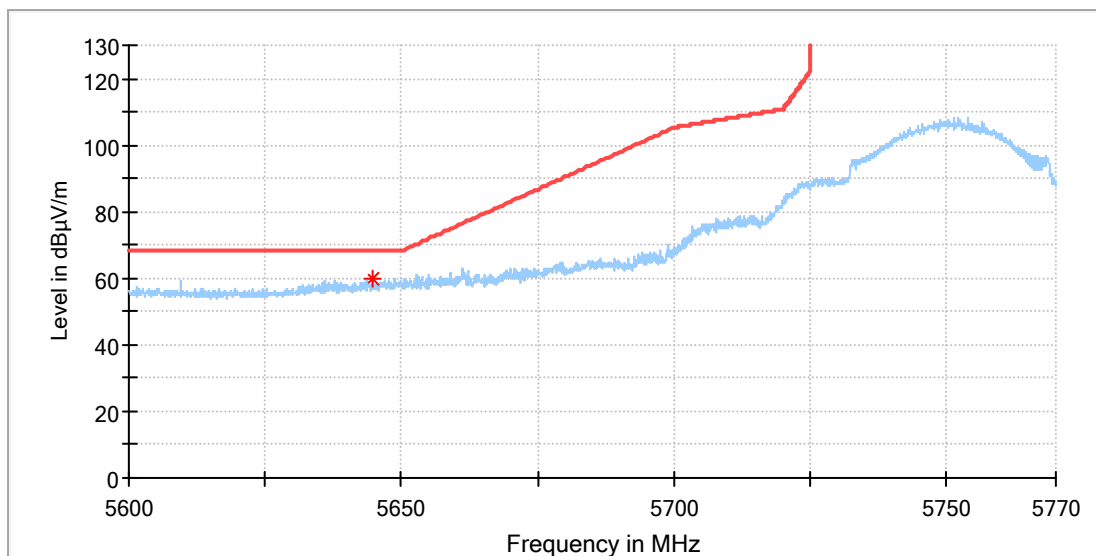
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5931.861111	63.63	68.20	4.487	150.0	V	41.0	16.2

Final_Result

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

EUT Information

EUT Name: Unmanned Aircraft
Model: FMAWZVM
Test Mode: 5.8GHz_40M_5750.48MHz
Order No/Sample No: 168575451/A004089180-008
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

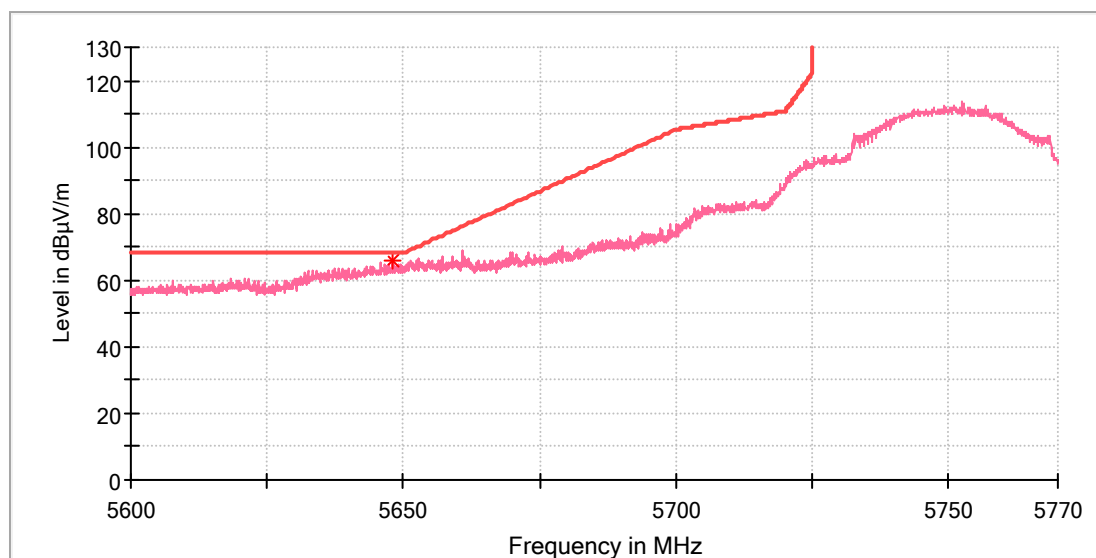
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5644.611111	60.09	68.20	8.11	150.0	H	192.0	15.3

Final_Result

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

EUT Information

EUT Name: Unmanned Aircraft
 Model: FMAWZVM
 Test Mode: 5.8GHz_40M_5750.48MHz
 Order No/Sample No: 168575451/A004089180-008
 Test Voltage:: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

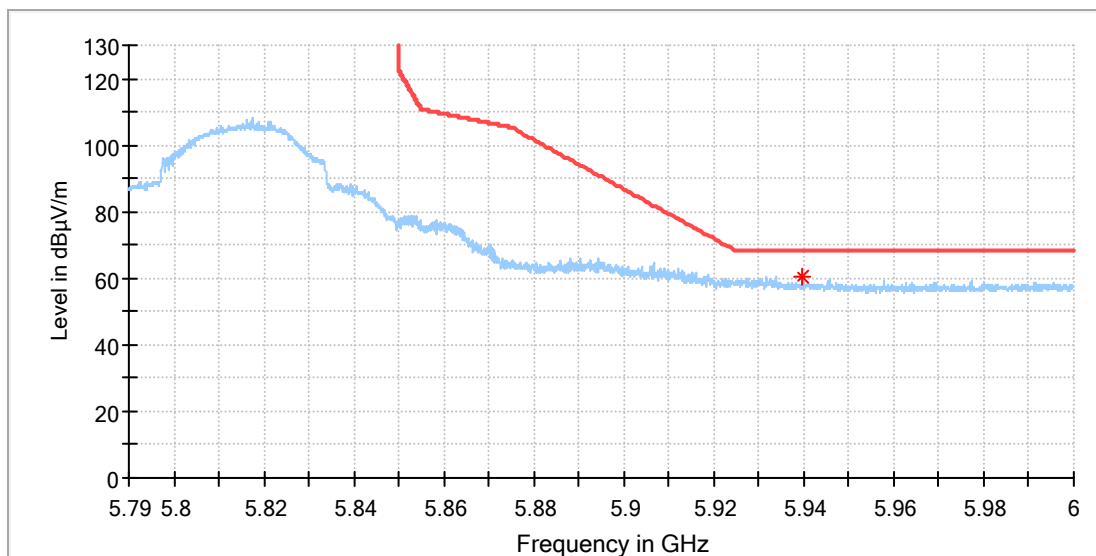
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5648.033333	65.68	68.20	2.482	150.0	V	20.0	15.3

Final_Result

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

EUT Information

EUT Name: Unmanned Aircraft
Model: FMAWZVM
Test Mode: 5.8GHz_40M_5815.48MHz
Order No/Sample No: 168575451/A004089180-008
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

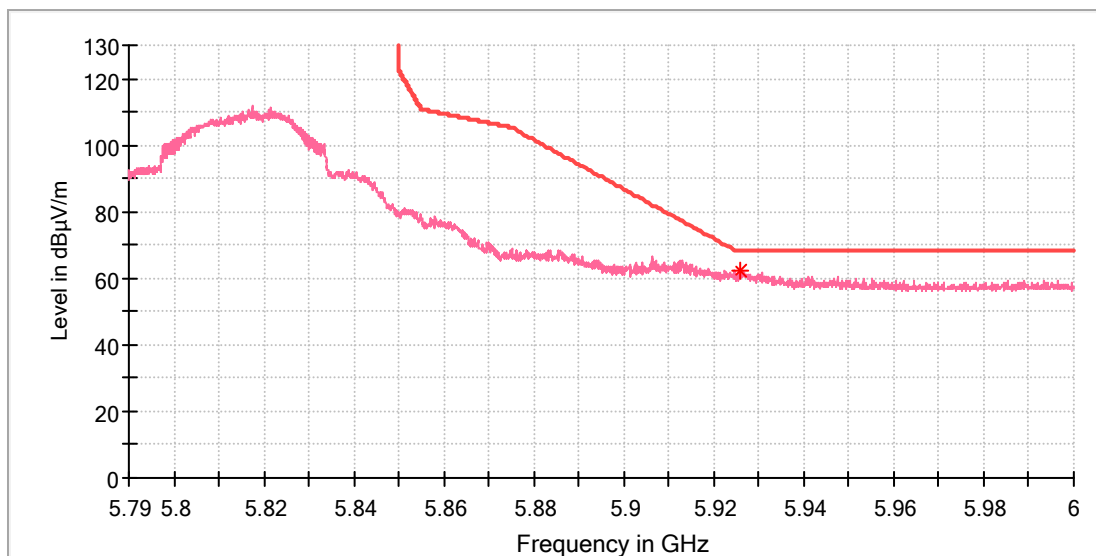
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5939.805556	60.40	68.20	7.80	150.0	H	17.0	16.2

Final_Result

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

EUT Information

EUT Name: Unmanned Aircraft
Model: FMAWZVM
Test Mode: 5.8GHz_40M_5815.48MHz
Order No/Sample No: 168575451/A004089180-008
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
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)
5926.055556	62.18	68.20	6.02	150.0	V	0.0	16.2

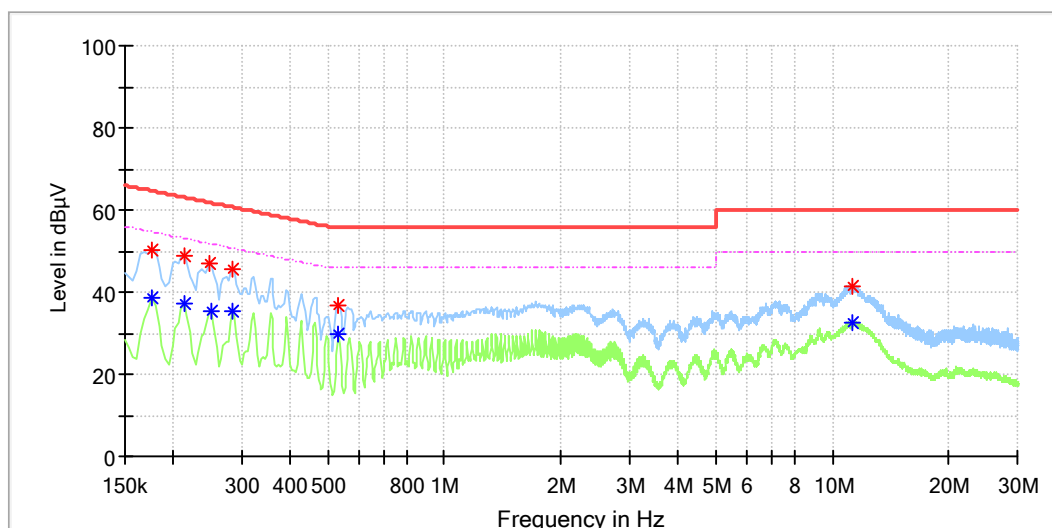
Final_Result

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

Appendix A.7: Test Results of AC conducted Emissions

EUT Information

EUT Name:	Unmanned Aircraft
Order Number:	168571276 160(P02083872)
Model:	FMAWZVM
Test Mode:	Wireless Connecting
Test Voltage:	AC 120V/60Hz
Test Standard:	FCC Part 15
Test By:/Review By:	Simon Feng / Murphy Chen
Tem./Hum./Pressure:	24.48°C/52.1%/101kPa
Remark:	SR3



Critical_Freqs

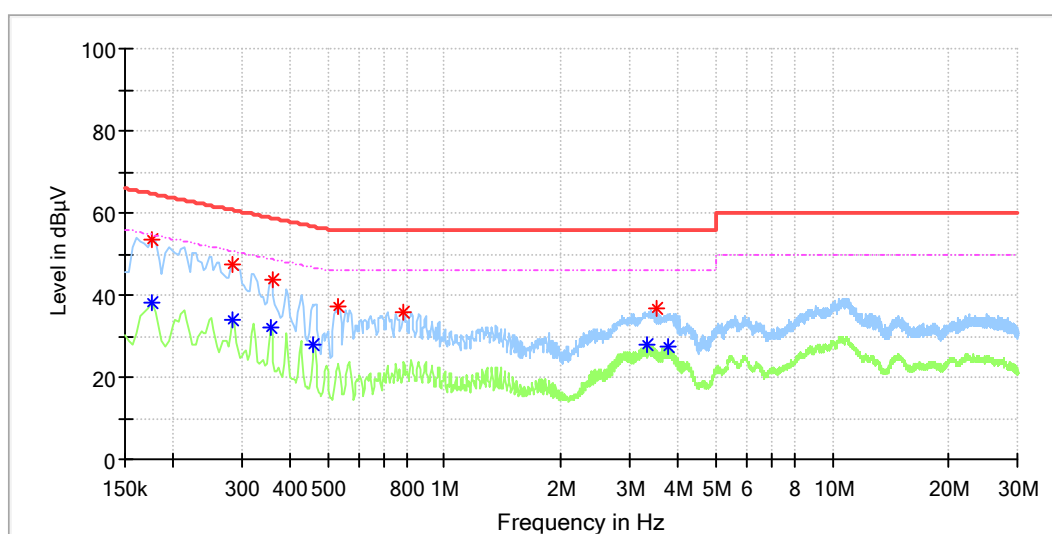
Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.176	---	38.4	54.67	16.23	N	9.8
0.176	50.3	---	64.67	14.37	N	9.8
0.213	---	37.0	53.07	16.06	N	9.9
0.213	48.8	---	63.07	14.25	N	9.9
0.247	46.9	---	61.86	14.93	N	9.9
0.251	---	35.3	51.73	16.43	N	9.9
0.284	---	35.4	50.69	15.34	N	9.9
0.284	45.7	---	60.69	14.95	N	9.9
0.4834	---	29.8	46.00	16.20	N	9.9
0.4834	36.8	---	56.00	19.23	N	9.9
11.209	---	32.6	50.00	17.43	N	9.7
11.277	41.48	---	60.00	18.48	N	9.7

Final Result

[illegible]

EUT Information

EUT Name:	Unmanned Aircraft
Order Number:	168571276 160(P02083872)
Model:	FMAWZVM
Test Mode:	Wireless Connecting
Test Voltage:	AC 120V/60Hz
Test Standard:	FCC Part 15
Test By:/Review By:	Simon Feng / Murphy Chen
Tem./Hum./Pressure:	24.48°C/52.1%/101kPa
Remark:	SR3



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.176	53.4	---	64.67	11.25	L1	9.6
0.176	---	37.9	54.67	16.73	L1	9.6
0.284	---	33.7	50.69	16.95	L1	9.6
0.284	47.7	---	60.69	13.04	L1	9.6
0.355	---	32.3	48.84	16.484	L1	9.6
0.359	43.9	---	58.75	14.89	L1	9.6
0.460	---	27.8	46.70	18.90	L1	9.48
0.4834	37.3	---	56.00	18.73	L1	9.48
0.784	35.7	---	56.00	20.34	L1	9.7
3.329	---	27.9	46.00	18.06	L1	9.6
3.4812	36.7	---	56.00	19.29	L1	9.7
3.762	---	27.4	46.00	18.486	L1	9.7

Final_Result

[illegible]