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Appendix A: Test Results of 5.8G SDR

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

Note: Only the worst case (MIMO mode ANT2+1) was presented in this report.

5.8G SDR, 1.4MHz BW

TestMode	Antenna	Channel	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
1.4M MIMO	Ant1	5728.5	21.76	≤30.00	PASS
	Ant2	5728.5	20.48	≤30.00	PASS
	total	5728.5	21.18	≤30.00	PASS
	Ant1	5786.5	21.82	≤30.00	PASS
	Ant2	5786.5	19.94	≤30.00	PASS
	total	5786.5	23.99	≤30.00	PASS
	Ant1	5846.5	21.64	≤30.00	PASS
	Ant2	5846.5	20.79	≤30.00	PASS
	total	5846.5	25.67	≤30.00	PASS

1.4M MIMO Ant1 5728.5



1.4M MIMO Ant2 5728.5



1.4M MIMO Ant1 5786.5



1.4M MIMO Ant2 5786.5



1.4M MIMO Ant1 5846.5



1.4M MIMO Ant2 5846.5



5.8G SDR, 1.4MHz BW CA mode

TestMode	Antenna	Channel	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
1.4MCA MIMO	Ant1	5730.12	21.76	≤30.00	PASS
	Ant2	5730.12	20.69	≤30.00	PASS
	total	5730.12	24.27	≤30.00	PASS
	Ant1	5788.12	22.09	≤30.00	PASS
	Ant2	5788.12	19.87	≤30.00	PASS
	total	5788.12	24.13	≤30.00	PASS
	Ant1	5848.12	21.83	≤30.00	PASS
	Ant2	5848.12	21.01	≤30.00	PASS
	total	5848.12	24.45	≤30.00	PASS

1.4MCA MIMO Ant1 5730.12



1.4MCA MIMO Ant2 5730.12



1.4MCA MIMO Ant1 5788.12



1.4MCA MIMO Ant2 5788.12



1.4MCA MIMO Ant1 5848.12

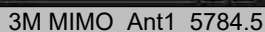
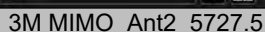


1.4MCA MIMO Ant2 5848.12

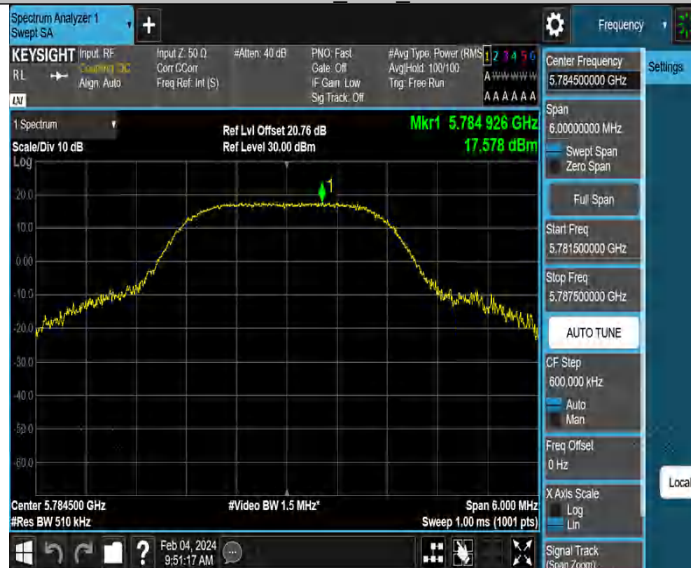


5.8G SDR, 3MHz BW

TestMode	Antenna	Channel	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
3M MIMO	Ant1	5727.5	19.62	≤30.00	PASS
	Ant2	5727.5	17.88	≤30.00	PASS
	total	5727.5	21.85	≤30.00	PASS
	Ant1	5784.5	19.05	≤30.00	PASS
	Ant2	5784.5	17.58	≤30.00	PASS
	total	5784.5	21.39	≤30.00	PASS
	Ant1	5844.5	19.78	≤30.00	PASS
	Ant2	5844.5	18.28	≤30.00	PASS
	total	5844.5	22.1	≤30.00	PASS



3M MIMO_Ant2_5784.5



3M MIMO_Ant1_5844.5



3M MIMO_Ant2_5844.5



5.8G SDR, 3MHz BW CA mode

TestMode	Antenna	Channel	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
3MCA MIMO	Ant1	5730.2	19.53	≤30.00	PASS
	Ant2	5730.2	17.84	≤30.00	PASS
	total	5730.2	21.78	≤30.00	PASS
	Ant1	5787.2	19.04	≤30.00	PASS
	Ant2	5787.2	17.81	≤30.00	PASS
	total	5787.2	21.48	≤30.00	PASS
	Ant1	5847.2	19.57	≤30.00	PASS
	Ant2	5847.2	18.29	≤30.00	PASS
	total	5847.2	21.99	≤30.00	PASS

3MCA MIMO_Ant1 5730.2



3MCA MIMO_Ant2 5730.2



3MCA MIMO_Ant1 5787.2



3MCA MIMO_Ant2_5787.2



3MCA MIMO_Ant1_5847.2



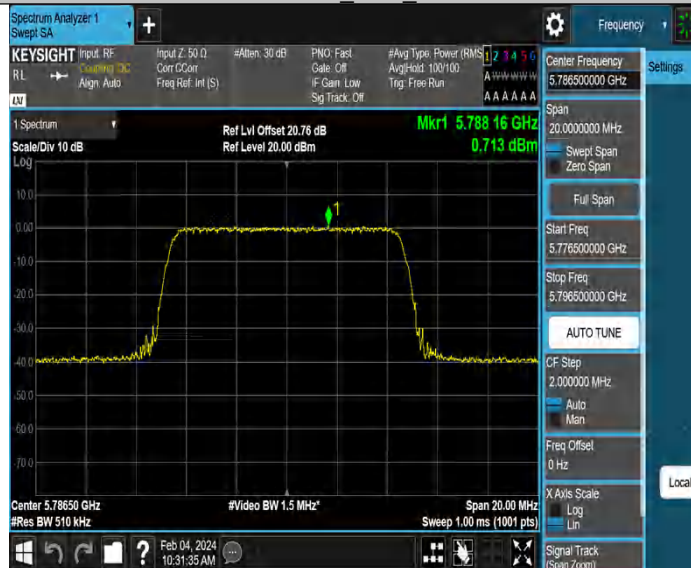
3MCA MIMO_Ant2_5847.2



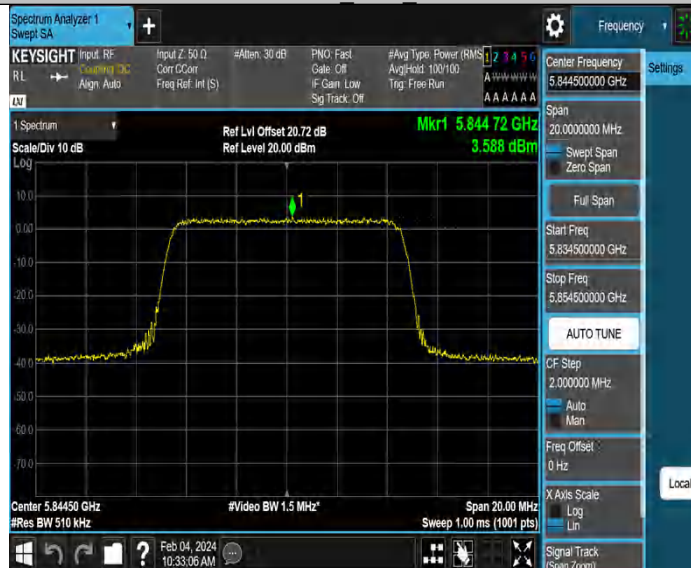
5.8G SDR, 10MHz BW

TestMode	Antenna	Channel	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
10M MIMO	Ant1	5730.5	2.62	≤30.00	PASS
	Ant2	5730.5	1.04	≤30.00	PASS
	total	5730.5	4.91	≤30.00	PASS
	Ant1	5786.5	3.00	≤30.00	PASS
	Ant2	5786.5	0.71	≤30.00	PASS
	total	5786.5	5.01	≤30.00	PASS
	Ant1	5844.5	3.59	≤30.00	PASS
	Ant2	5844.5	2.10	≤30.00	PASS
	total	5844.5	5.92	≤30.00	PASS

10M MIMO Ant2 5786.5



10M MIMO Ant1 5844.5



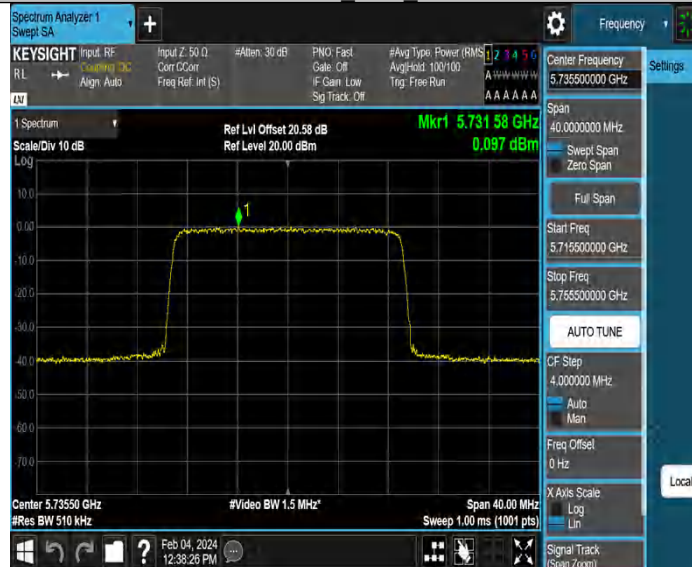
10M MIMO Ant2 5844.5



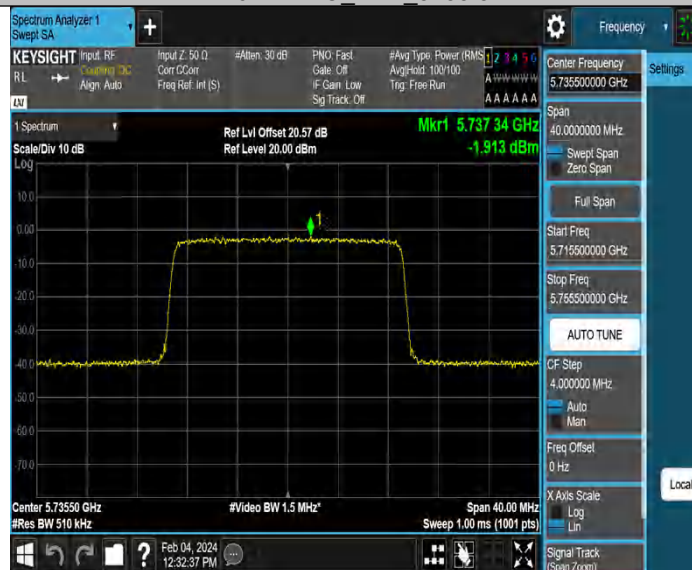
5.8G SDR, 20MHz BW

TestMode	Antenna	Channel	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
20M MIMO	Ant1	5735.5	0.10	≤30.00	PASS
	Ant2	5735.5	-1.91	≤30.00	PASS
	total	5735.5	2.22	≤30.00	PASS
	Ant1	5786.5	0.52	≤30.00	PASS
	Ant2	5786.5	-2.08	≤30.00	PASS
	total	5786.5	2.42	≤30.00	PASS
	Ant1	5839.5	1.09	≤30.00	PASS
	Ant2	5839.5	-1.19	≤30.00	PASS
	total	5839.5	3.11	≤30.00	PASS

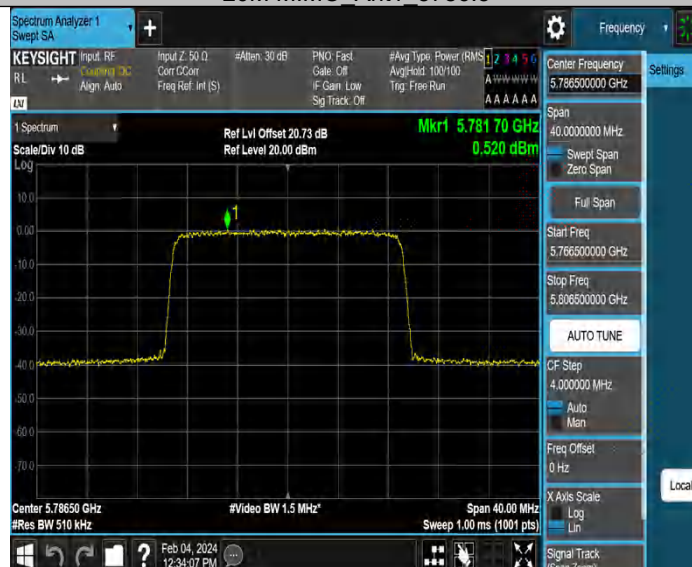
20M MIMO Ant1 5735.5



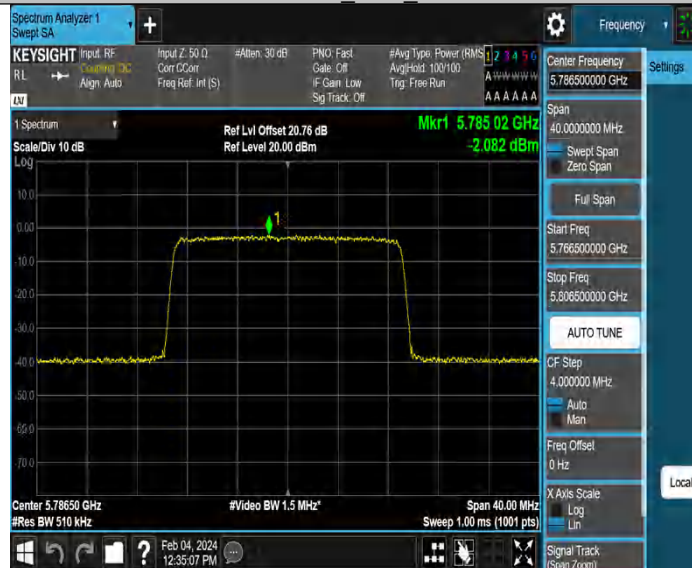
20M MIMO Ant2 5735.5



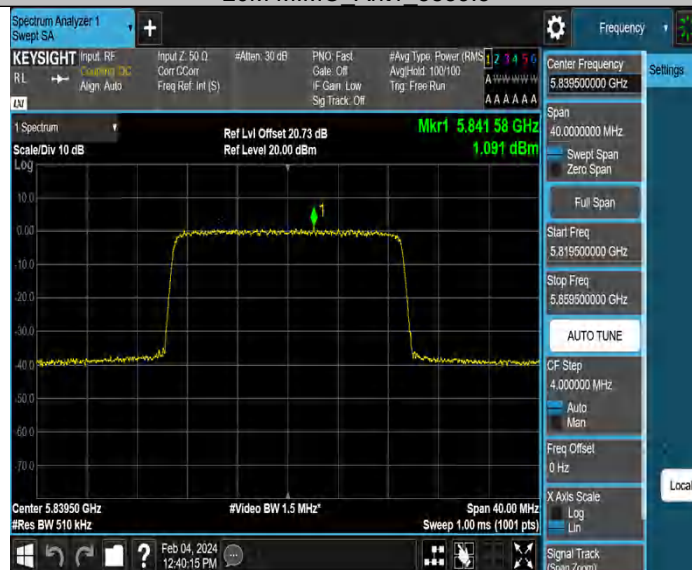
20M MIMO Ant1 5786.5



20M MIMO Ant2 5786.5



20M MIMO Ant1 5839.5



20M MIMO Ant2 5839.5



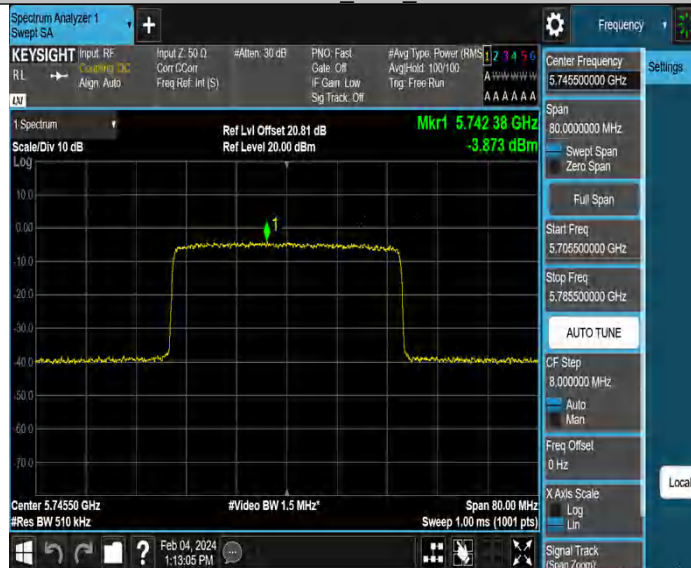
5.8G SDR, 40MHz BW

TestMode	Antenna	Channel	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
40M MIMO	Ant1	5745.5	-1.95	≤30.00	PASS
	Ant2	5745.5	-3.87	≤30.00	PASS
	total	5745.5	0.21	≤30.00	PASS
	Ant1	5786.5	-2.43	≤30.00	PASS
	Ant2	5786.5	-4.85	≤30.00	PASS
	total	5786.5	-0.46	≤30.00	PASS
	Ant1	5829.5	-1.74	≤30.00	PASS
	Ant2	5829.5	-3.88	≤30.00	PASS
	total	5829.5	0.33	≤30.00	PASS

40M MIMO Ant1 5745.5



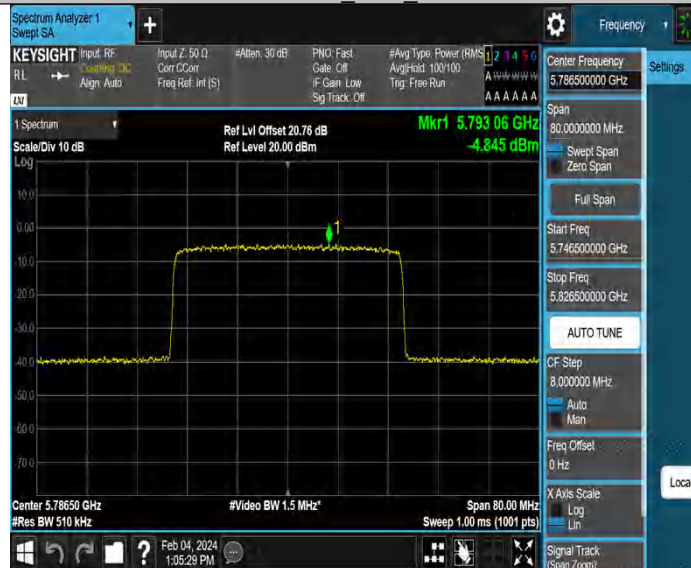
40M MIMO Ant2 5745.5



40M MIMO Ant1 5786.5



40M MIMO Ant2 5786.5



40M MIMO Ant1 5829.5



40M MIMO Ant2 5829.5



Appendix A.2: Test Results of Frequency Stability

Note: Only the worst case (MIMO mode ANT2+1) was presented in this report.

Voltage							
TestMode	Antenna	Channel	Voltage [Vdc]	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
1.4M	Ant1	5728.5	na	-3000.00	-0.523697	20	PASS
		5786.5	na	-3000.00	-0.518448	20	PASS
		5846.5	na	-3000.00	-0.513128	20	PASS
1.4MCA	Ant1	5730.12	na	-3000.00	-0.523549	20	PASS
		5788.12	na	-3000.00	-0.518303	20	PASS
		5848.12	na	-3000.00	-0.512985	20	PASS
3M	Ant1	5727.5	na	-3000.00	-0.523789	20	PASS
		5784.5	na	-3000.00	-0.518627	20	PASS
		5844.5	na	-3000.00	-0.513303	20	PASS
3MCA	Ant1	5730.2	na	-3000.00	-0.523542	20	PASS
		5787.2	na	-3000.00	-0.518385	20	PASS
		5847.2	na	-3000.00	-0.513066	20	PASS
10M	Ant1	5730.5	na	-3000.00	-0.523515	20	PASS
		5786.5	na	-3000.00	-0.518448	20	PASS
		5844.5	na	-3000.00	-0.513303	20	PASS
20M	Ant1	5735.5	na	-3000.00	-0.523058	20	PASS
		5786.5	na	-3000.00	-0.518448	20	PASS
		5839.5	na	-3000.00	-0.513743	20	PASS
40M	Ant1	5745.5	na	-3000.00	-0.522148	20	PASS
		5786.5	na	-3000.00	-0.518448	20	PASS
		5829.5	na	-3000.00	-0.514624	20	PASS

Appendix A.3: Test Results of 6dB Bandwidth

Note: Only the worst case (MIMO mode ANT2+1) was presented in this report.

5.8G SDR, 1.4MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
1.4M	Ant1	5728.5	1.084	5727.946	5729.029	0.5	PASS
		5786.5	1.072	5785.957	5787.029	0.5	PASS
		5846.5	1.106	5845.951	5847.057	0.5	PASS

1.4M_Ant1_5728.5



1.4M_Ant1_5786.5



1.4M_Ant1_5846.5



5.8G SDR, 1.4MHz BW CA mode

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
1.4MCA	Ant1	5730.12	1.114	5729.557	5730.672	0.5	PASS
		5788.12	1.100	5787.566	5788.666	0.5	PASS
		5848.12	1.114	5847.560	5848.674	0.5	PASS

1.4MCA_Ant1_5730.12



1.4MCA_Ant1_5788.12



1.4MCA_Ant1_5848.12



5.8G SDR, 3MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
3M	Ant1	5727.5	2.184	5726.402	5728.586	0.5	PASS
		5784.5	2.166	5783.414	5785.580	0.5	PASS
		5844.5	2.196	5843.396	5845.592	0.5	PASS

3M_Ant1_5727.5



3M_Ant1_5784.5



3M_Ant1_5844.5



5.8G SDR, 3MHz BW CA mode

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
3MCA	Ant1	5730.2	2.142	5729.132	5731.274	0.5	PASS
		5787.2	2.190	5786.096	5788.286	0.5	PASS
		5847.2	2.190	5846.096	5848.286	0.5	PASS

3MCA_Ant1_5730.2



3MCA_Ant1_5787.2



3MCA_Ant1_5847.2



5.8G SDR, 10MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
10M	Ant1	5730.5	8.880	5726.040	5734.920	0.5	PASS
		5786.5	8.960	5782.000	5790.960	0.5	PASS
		5844.5	8.920	5840.040	5848.960	0.5	PASS

10M_Ant1_5730.5



10M_Ant1_5786.5



10M_Ant1_5844.5



5.8G SDR, 20MHz BW

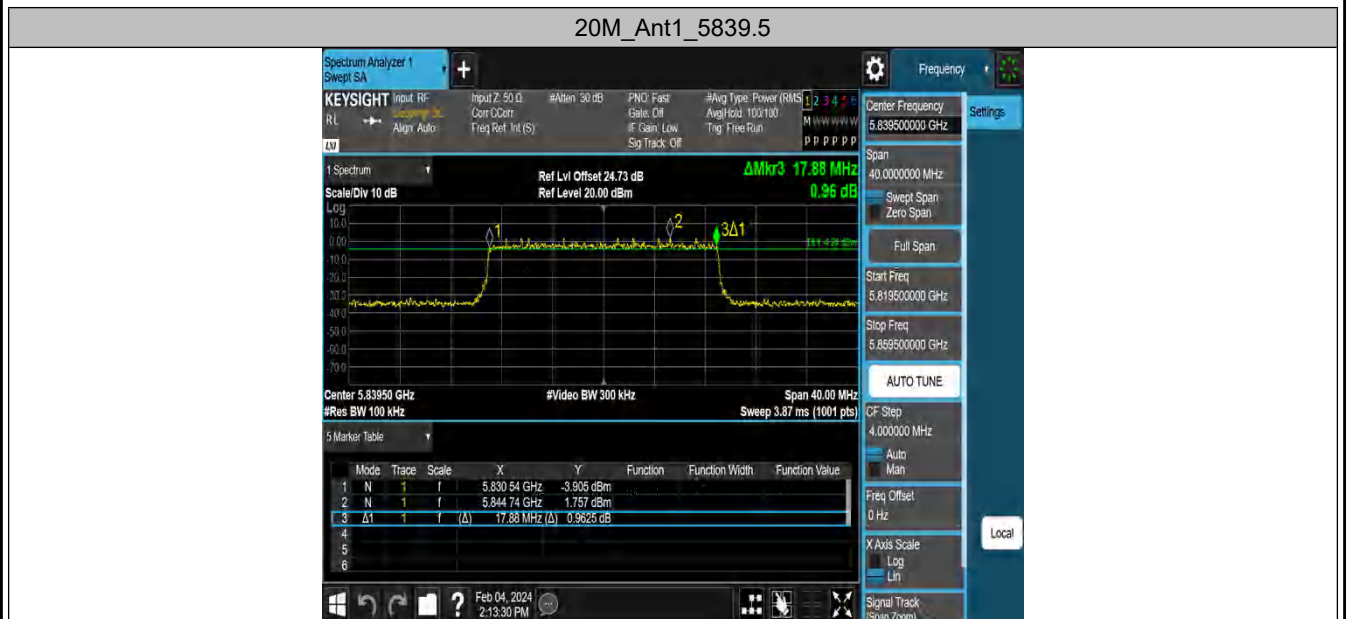
TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
20M	Ant1	5735.5	17.880	5726.580	5744.460	0.5	PASS
		5786.5	17.840	5777.620	5795.460	0.5	PASS
		5839.5	17.880	5830.540	5848.420	0.5	PASS

20M_Ant1_5735.5



20M_Ant1_5786.5





5.8G SDR, 40MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
40M	Ant1	5745.5	35.520	5727.900	5763.420	0.5	PASS
		5786.5	35.840	5768.580	5804.420	0.5	PASS
		5829.5	33.200	5811.980	5845.180	0.5	PASS

40M_Ant1_5745.5



40M_Ant1_5786.5





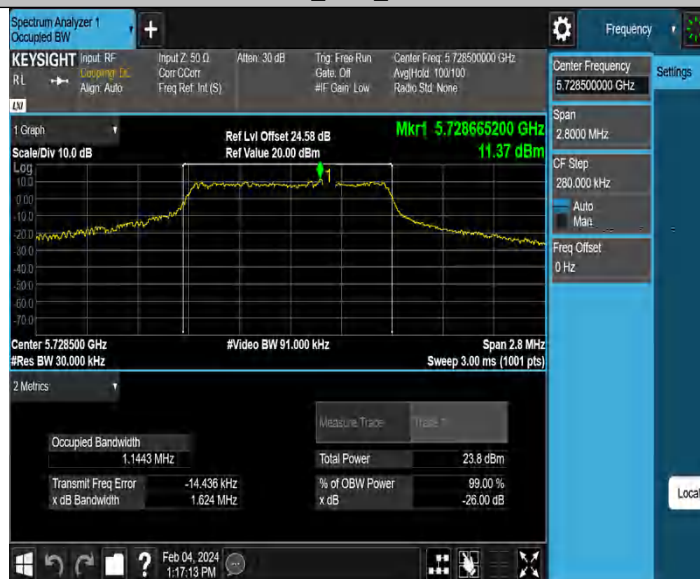
Appendix A.4: Test Results of 99% Bandwidth

Note: Only the worst case (MIMO mode ANT2+1) was presented in this report.

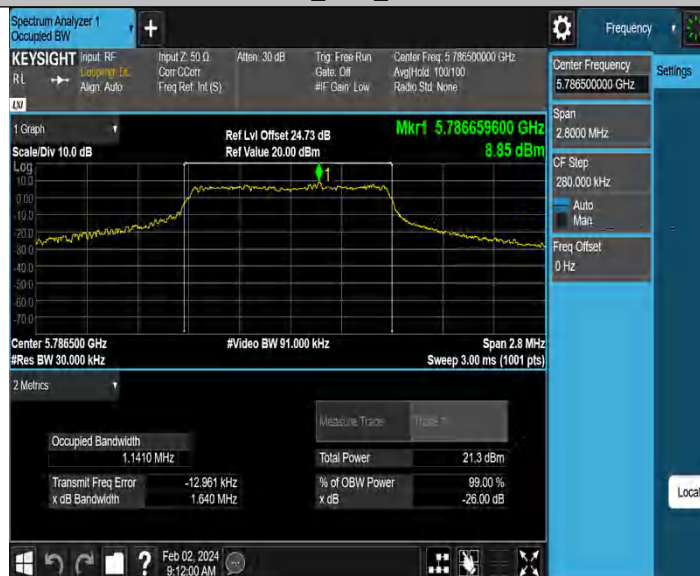
5.8G SDR, 1.4MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
1.4M	Ant1	5728.5	1.1443	5727.9134	5729.0577	---	PASS
		5786.5	1.1410	5785.9165	5787.0575	---	PASS
		5846.5	1.1415	5845.9159	5847.0574	---	PASS

1.4M_Ant1_5728.5



1.4M_Ant1_5786.5



1.4M_Ant1_5846.5



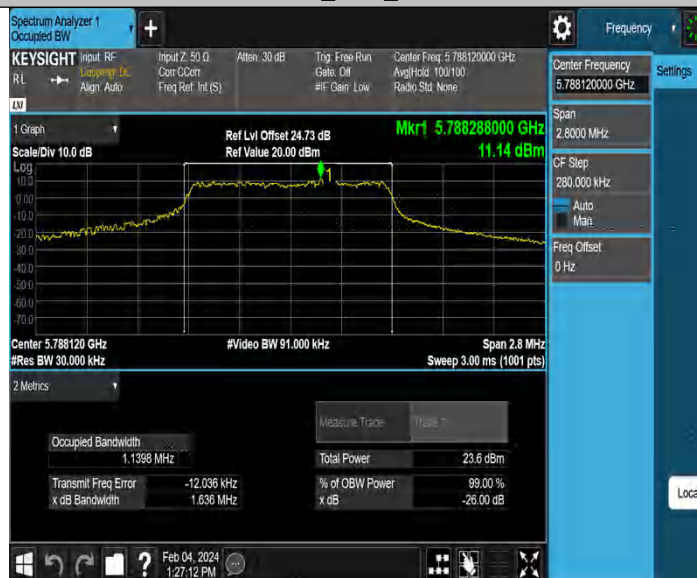
5.8G SDR, 1.4MHz BW CA mode

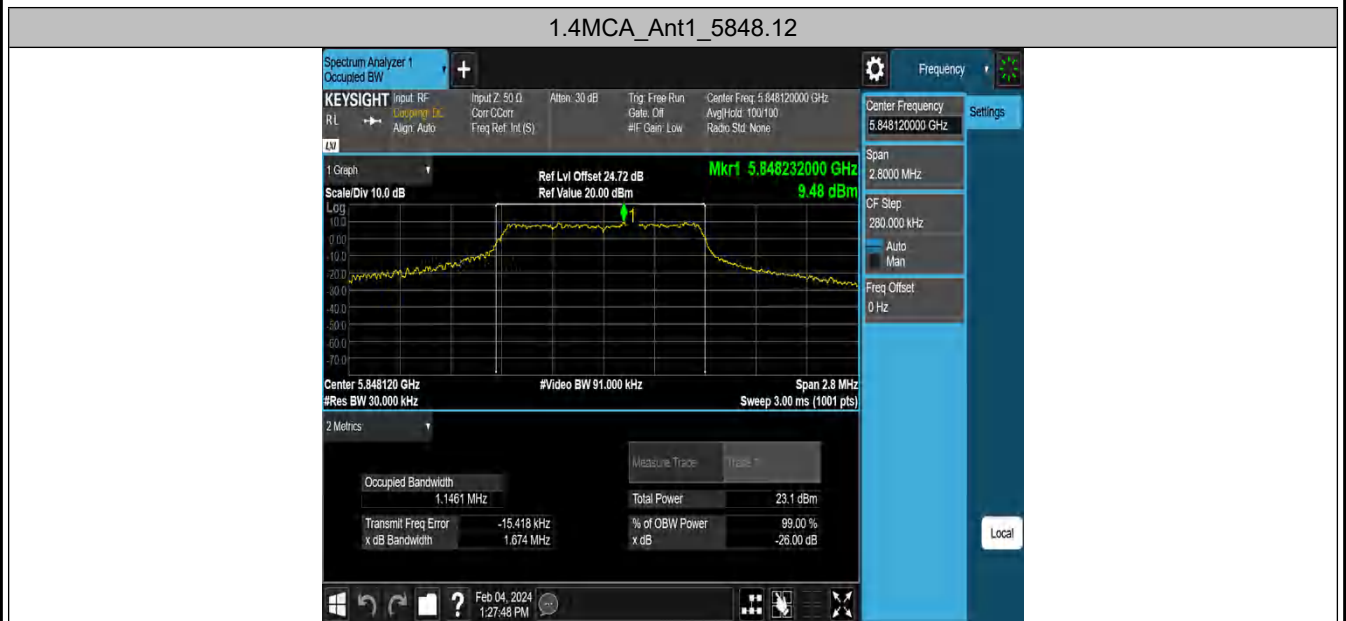
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
1.4MCA	Ant1	5730.12	1.1420	5729.5349	5730.6769	---	PASS
		5788.12	1.1398	5787.5381	5788.6779	---	PASS
		5848.12	1.1461	5847.5315	5848.6776	---	PASS

1.4MCA_Ant1_5730.12



1.4MCA_Ant1_5788.12





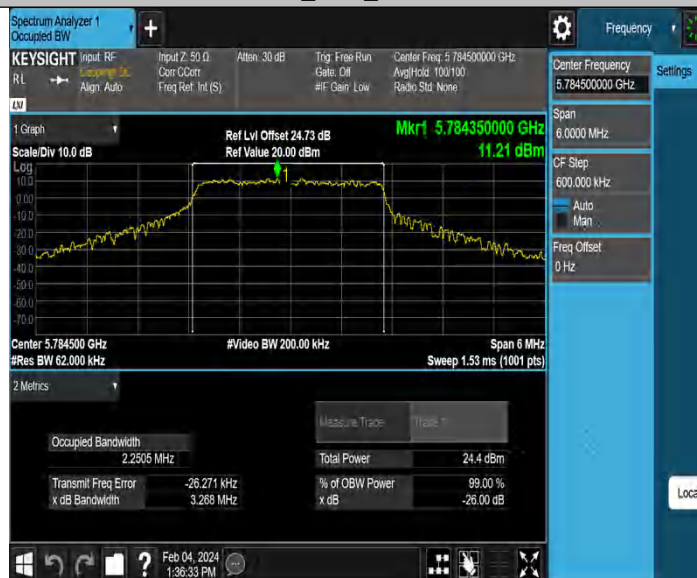
5.8G SDR, 3MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
3M	Ant1	5727.5	2.2231	5726.3707	5728.5938	---	PASS
		5784.5	2.2505	5783.3485	5785.5990	---	PASS
		5844.5	2.2379	5843.3597	5845.5976	---	PASS

3M_Ant1_5727.5



3M_Ant1_5784.5





5.8G SDR, 3MHz BW CA mode

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
3MCA	Ant1	5730.2	2.2463	5729.0533	5731.2996	---	PASS
		5787.2	2.2446	5786.0530	5788.2976	---	PASS
		5847.2	2.2341	5846.0579	5848.2920	---	PASS

3MCA_Ant1_5730.2



3MCA_Ant1_5787.2



3MCA_Ant1_5847.2



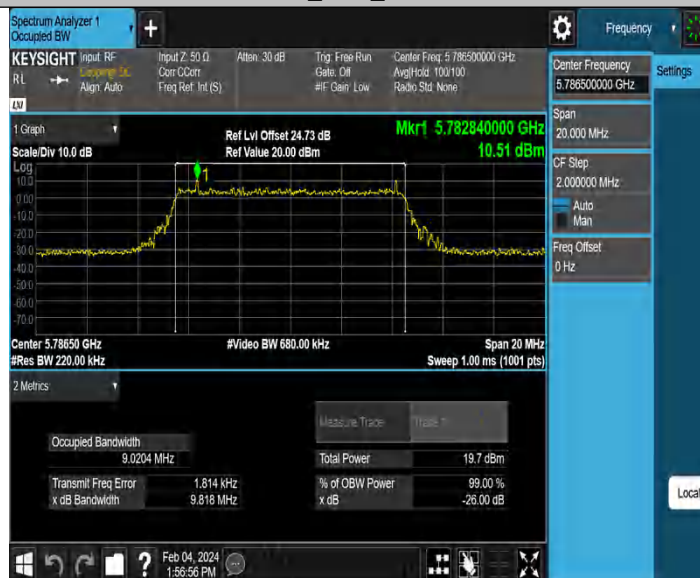
5.8G SDR, 10MHz BW

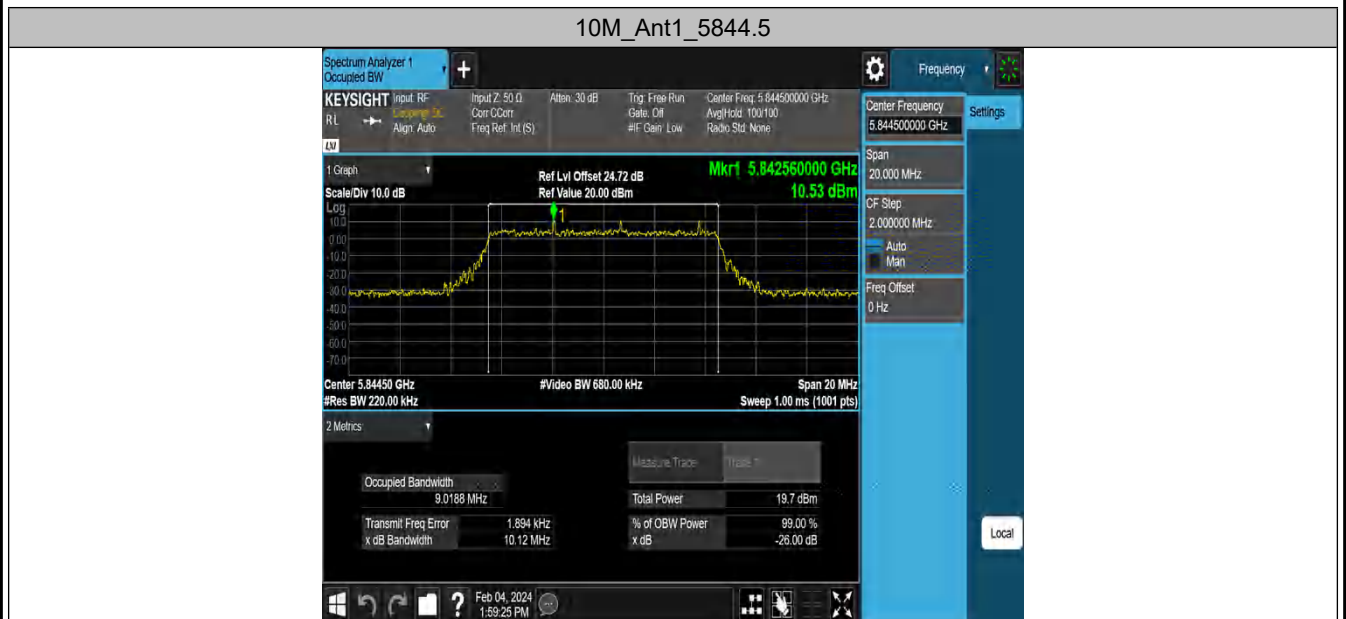
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
10M	Ant1	5730.5	9.0689	5725.9626	5735.0315	---	PASS
		5786.5	9.0204	5781.9916	5791.0120	---	PASS
		5844.5	9.0188	5839.9925	5849.0113	---	PASS

10M_Ant1_5730.5



10M_Ant1_5786.5

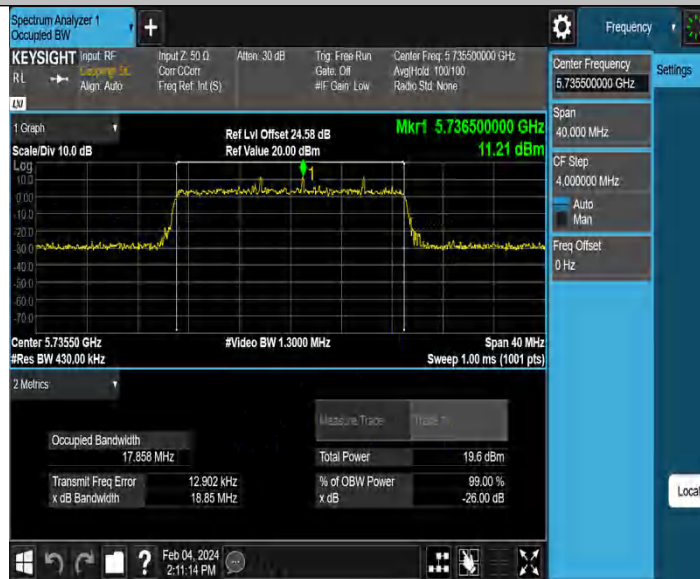




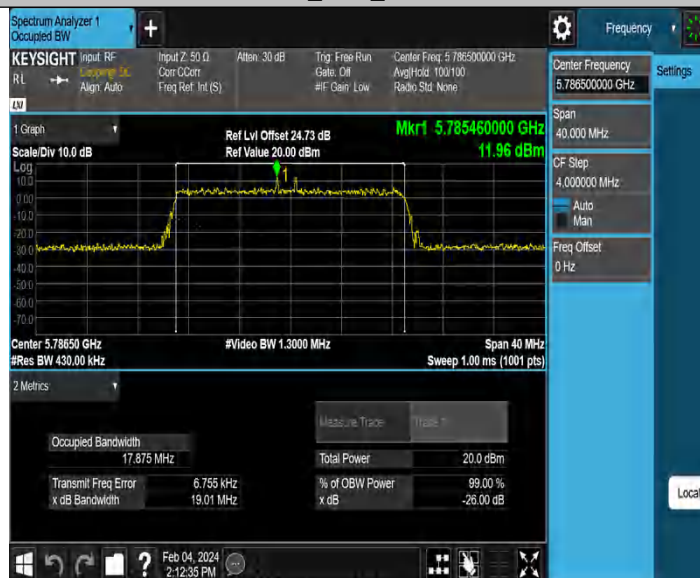
5.8G SDR, 20MHz BW

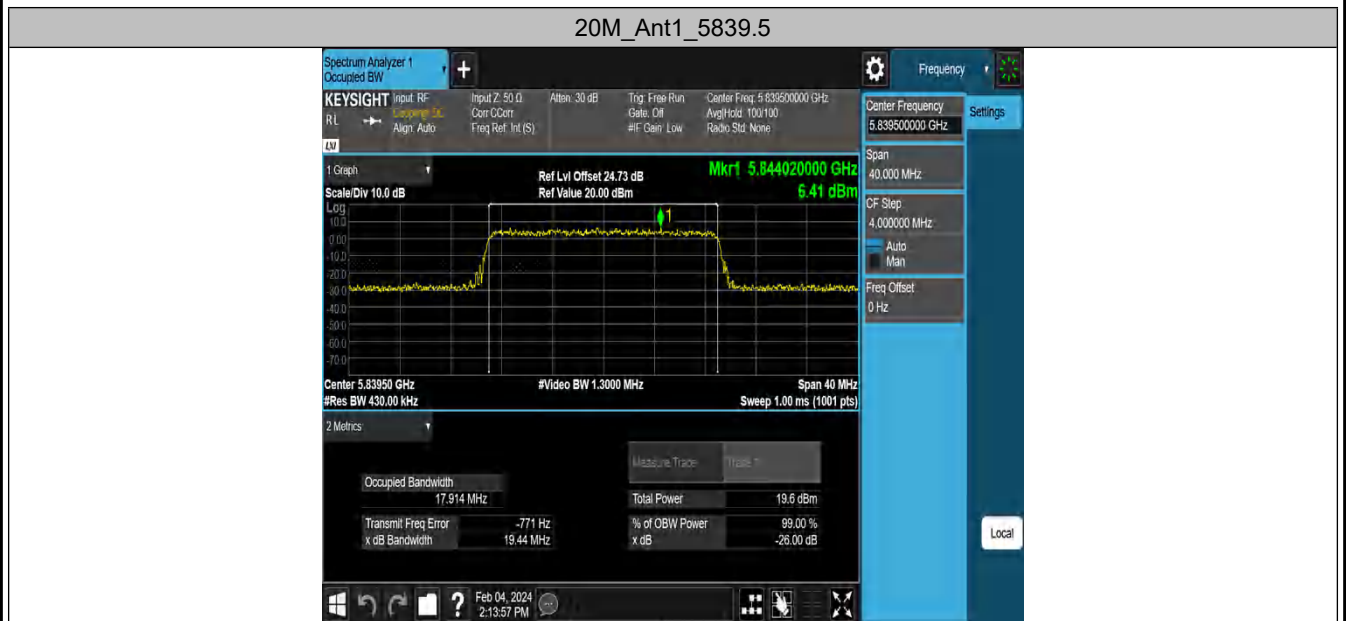
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
20M	Ant1	5735.5	17.858	5726.5839	5744.4419	---	PASS
		5786.5	17.875	5777.5693	5795.4443	---	PASS
		5839.5	17.914	5830.5422	5848.4562	---	PASS

20M_Ant1_5735.5



20M_Ant1_5786.5

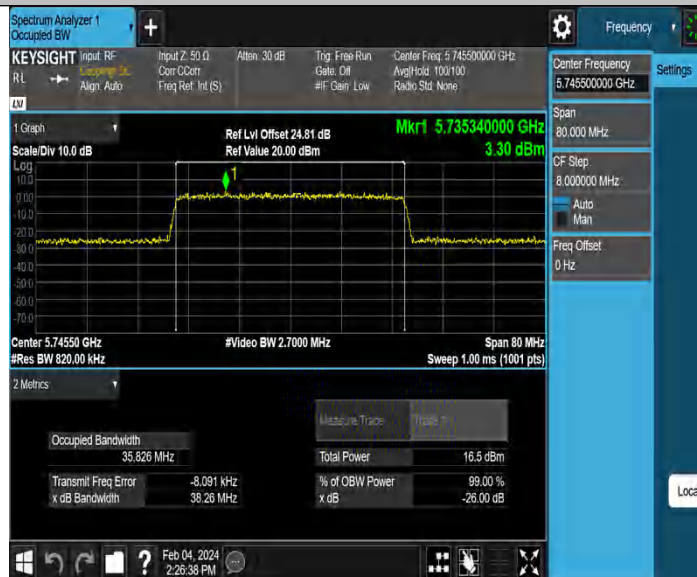




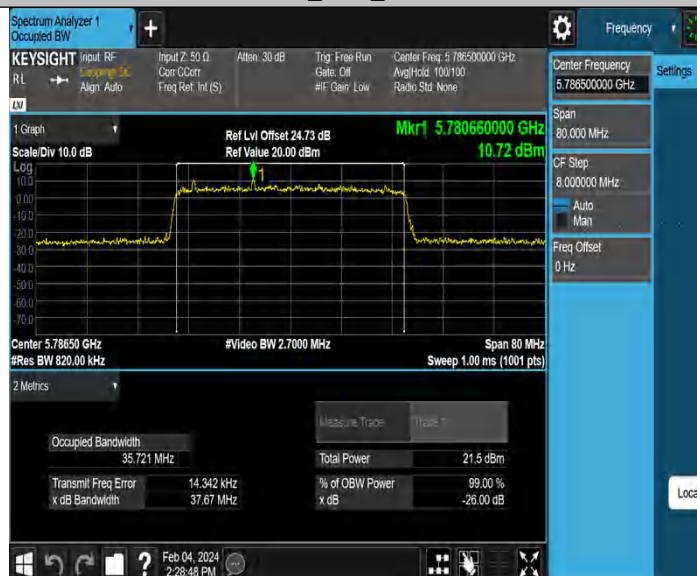
5.8G SDR, 40MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
40M	Ant1	5745.5	35.826	5727.5789	5763.4049	---	PASS
		5786.5	35.721	5768.6538	5804.3748	---	PASS
		5829.5	35.743	5811.6451	5847.3881	---	PASS

40M_Ant1_5745.5



40M_Ant1_5786.5





Appendix A.5: Test Results of Radiated Spurious Emissions

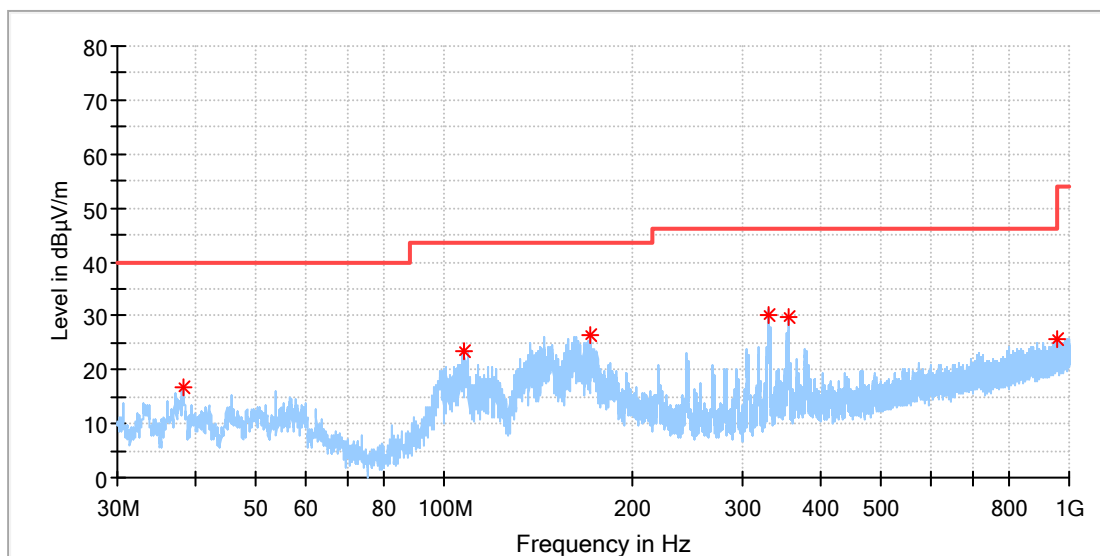
Note:

- 1) This testing was carried out on different modulations, but only the worst case was presented in this report.
- 2) Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

30MHz - 1GHz (Worst case)

EUT Information

EUT Name:	DJI SDR Transmission
Model:	RX5
Test Mode:	SDR 5.8G_1.4M_5786.5MHz
Order No/Sample No:	168449632/A003634023-002
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

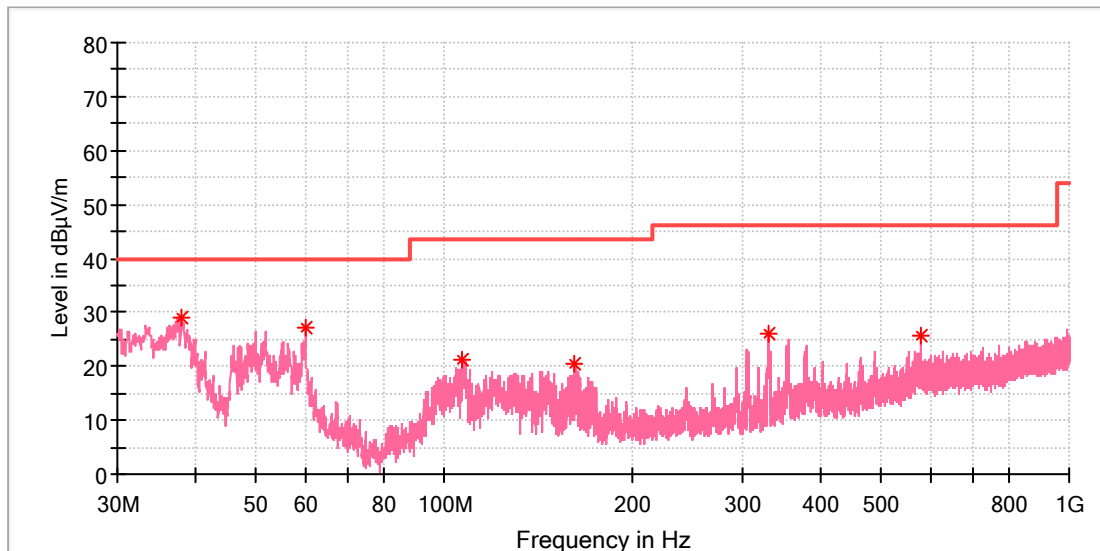
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
38.282308	16.80	40.00	23.20	100.0	H	196.0	-21.0
107.711923	23.59	43.50	19.91	100.0	H	244.0	-19.3
171.620000	26.38	43.50	17.12	100.0	H	33.0	-21.5
330.140385	30.21	46.00	15.79	100.0	H	57.0	-15.7
355.621539	29.66	46.00	16.34	100.0	H	98.0	-15.1
953.514615	25.63	46.00	20.37	100.0	H	129.0	-4.8

Final Result

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

EUT Information

EUT Name: DJI SDR Transmission
Model: RX5
Test Mode: SDR 5.8G_1.4M_5786.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
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)
37.983846	29.10	40.00	10.90	100.0	V	336.0	-21.1
59.920769	27.14	40.00	12.86	100.0	V	260.0	-19.3
106.741923	21.14	43.50	22.36	100.0	V	209.0	-19.2
162.069231	20.63	43.50	22.87	100.0	V	319.0	-21.9
330.998462	26.10	46.00	19.90	100.0	V	277.0	-15.7
578.273846	25.76	46.00	20.24	100.0	V	192.0	-10.6

Final Result

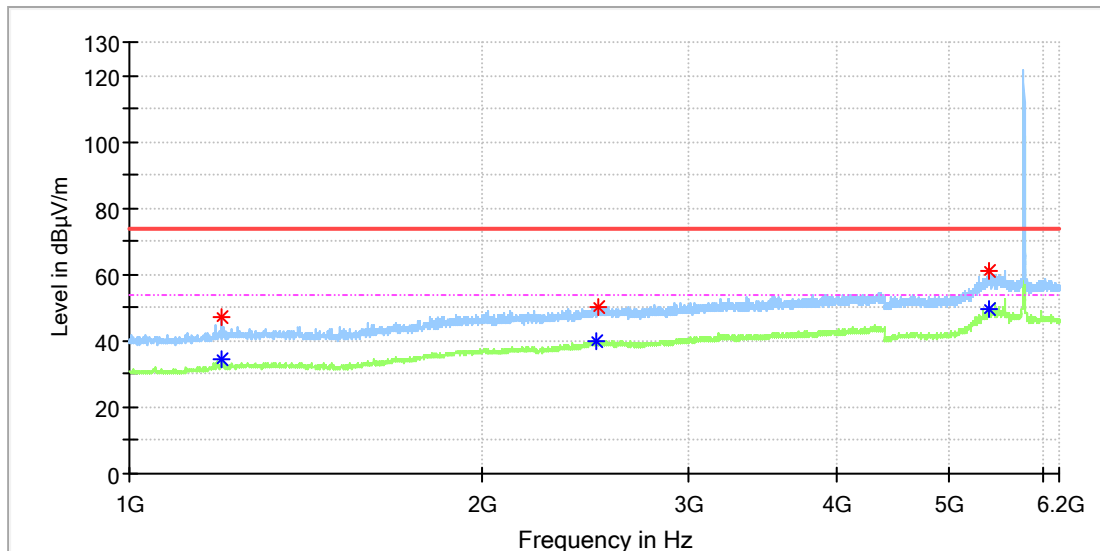
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz

Note: The highest waveform in the figure is 5.8G SDR Fundamental.

EUT Information

EUT Name:	DJI SDR Transmission
Model:	RX5
Test Mode:	SDR 5.8G_1.4M_5786.5MHz
Order No/Sample No:	168449632/A003634023-002
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

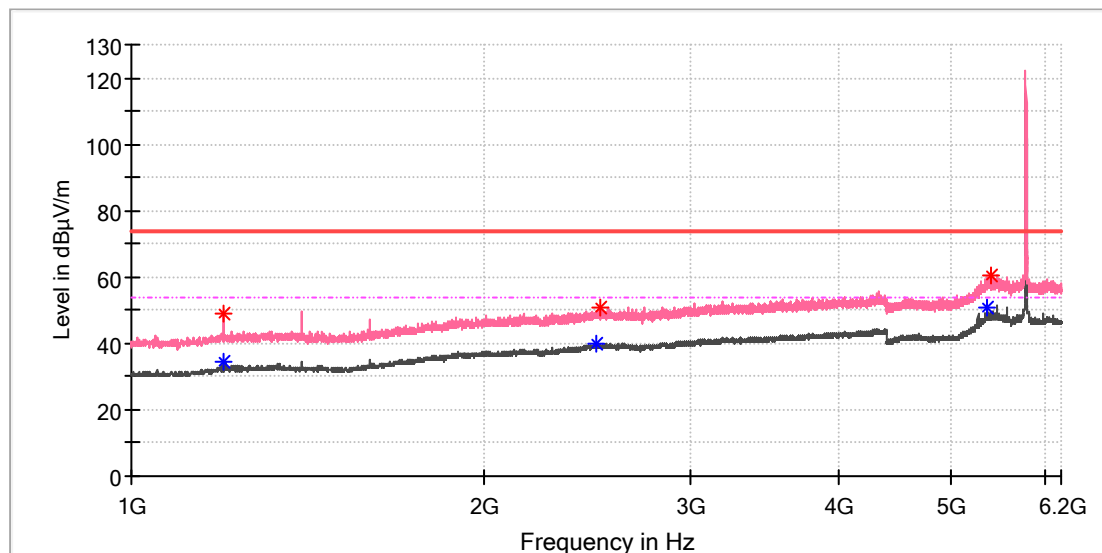
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1197.500000	---	34.75	54.00	19.25	150.0	H	249.0	1.1
1199.000000	47.13	---	74.00	26.87	150.0	H	249.0	1.1
2498.500000	---	40.12	54.00	13.88	150.0	H	0.0	7.4
2510.000000	50.25	---	74.00	23.75	150.0	H	283.0	7.4
5401.500000	60.78	---	74.00	13.22	150.0	H	347.0	13.5
5402.000000	---	49.57	54.00	4.43	150.0	H	357.0	13.5

Final_Result

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

EUT Information

EUT Name: DJI SDR Transmission
Model: RX5
Test Mode: SDR 5.8G_1.4M_5786.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

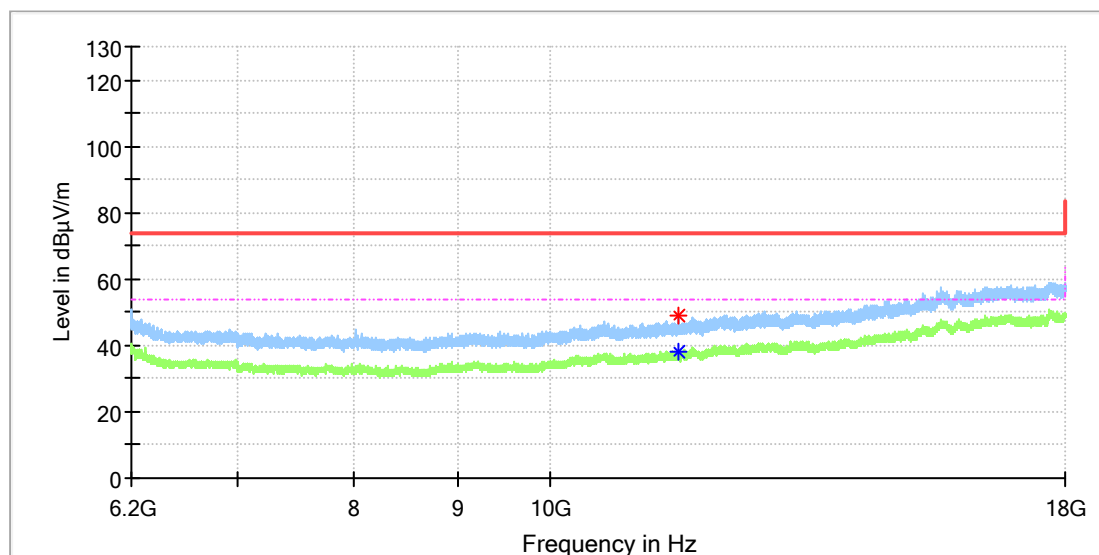
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1198.500000	49.15	---	74.00	24.85	150.0	V	243.0	1.1
1198.500000	---	34.56	54.00	19.44	150.0	V	243.0	1.1
2488.500000	---	39.69	54.00	14.31	150.0	V	86.0	7.4
2510.500000	50.83	---	74.00	23.17	150.0	V	187.0	7.4
5370.500000	---	50.97	54.00	3.03	150.0	V	178.0	13.3
5409.500000	60.28	---	74.00	13.72	150.0	V	18.0	13.5

Final Result

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

EUT Information

EUT Name:	DJI SDR Transmission
Model:	RX5
Test Mode:	SDR 5.8G_1.4M_5786.5MHz
Order No/Sample No:	168449632/A003634023-002
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

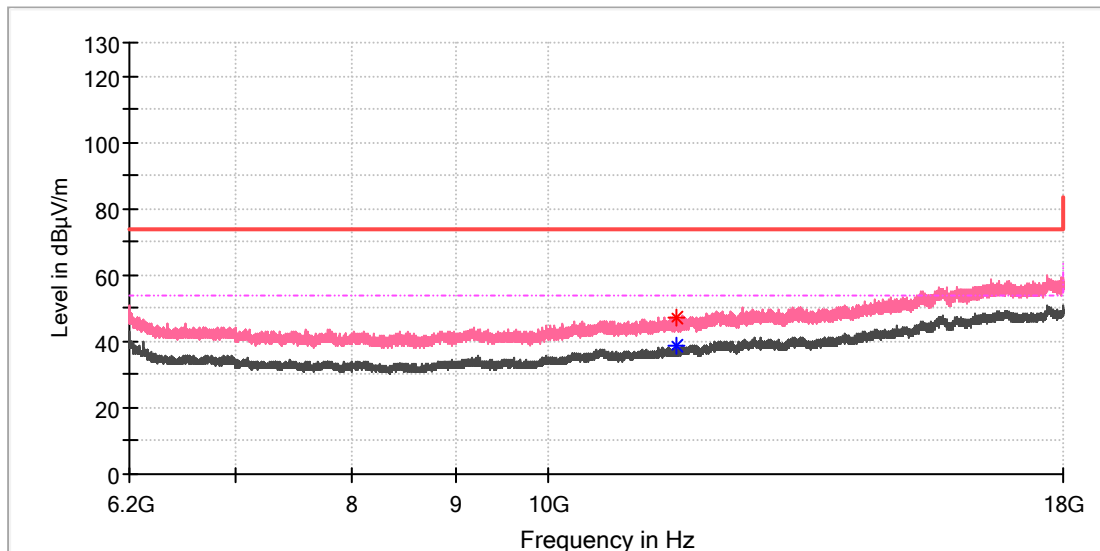
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11572.933333	48.79	---	74.00	25.21	150.0	H	53.0	13.4
11572.933333	---	38.31	54.00	15.69	150.0	H	53.0	13.4

Final Result

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

EUT Information

EUT Name:	DJI SDR Transmission
Model:	RX5
Test Mode:	SDR 5.8G_1.4M_5786.5MHz
Order No/Sample No:	168449632/A003634023-002
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

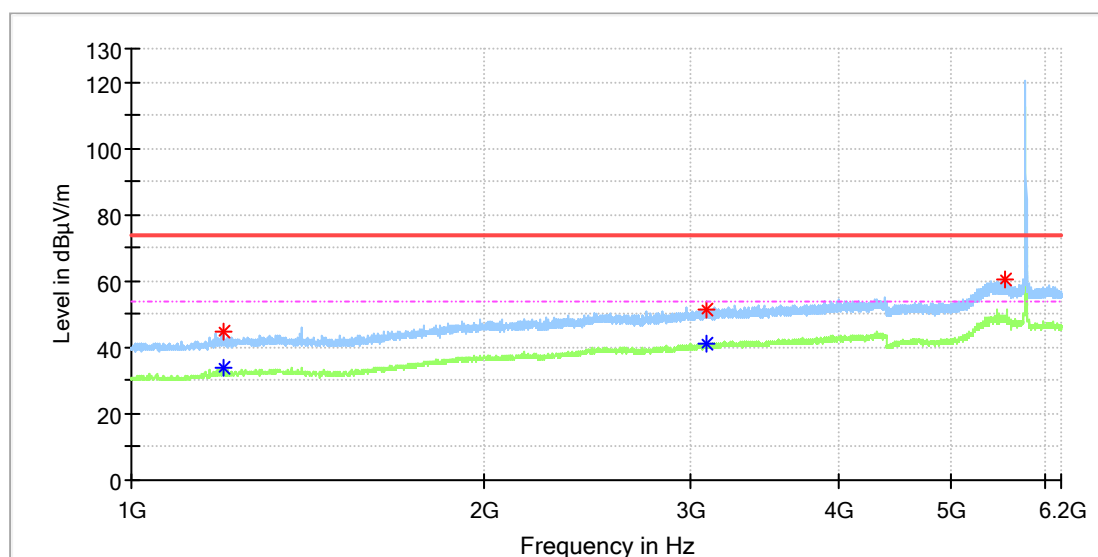
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11572.441667	---	38.80	54.00	15.20	150.0	V	340.0	13.4
11573.425000	47.10	---	74.00	26.90	150.0	V	0.0	13.4

Final Result

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

EUT Information

EUT Name: DJI SDR Transmission
Model: RX5
Test Mode: SDR 5.8G_3M_5784.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

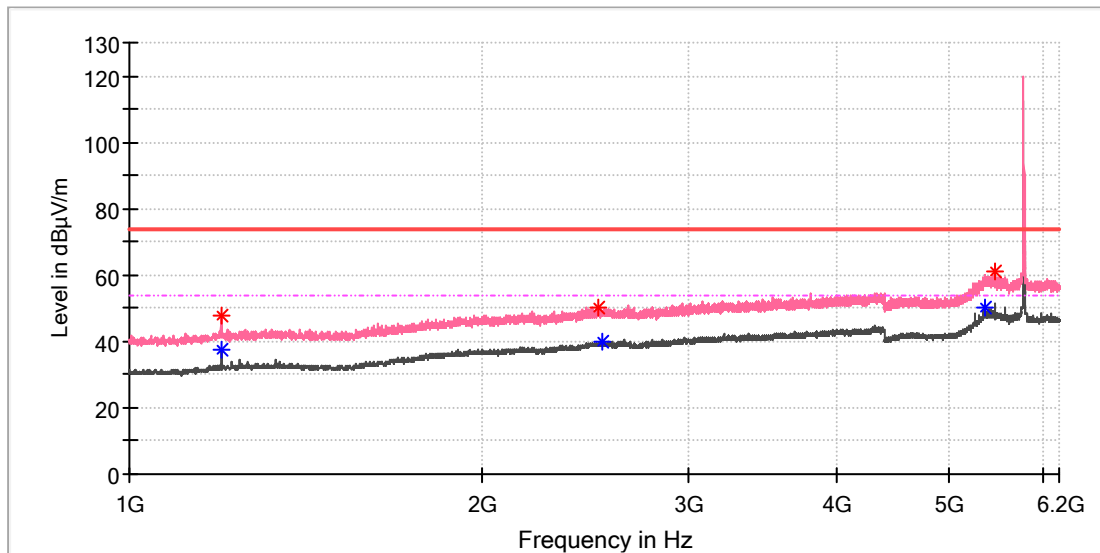
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1197.000000	44.88	---	74.00	29.12	150.0	H	155.0	1.1
1197.500000	---	33.88	54.00	20.12	150.0	H	330.0	1.1
3086.500000	51.31	---	74.00	22.69	150.0	H	12.0	8.6
3087.500000	---	41.15	54.00	12.85	150.0	H	140.0	8.6
5556.000000	60.32	---	68.20	7.88	150.0	H	191.0	13.8

Final Result

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

EUT Information

EUT Name: DJI SDR Transmission
Model: RX5
Test Mode: SDR 5.8G_3M_5784.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

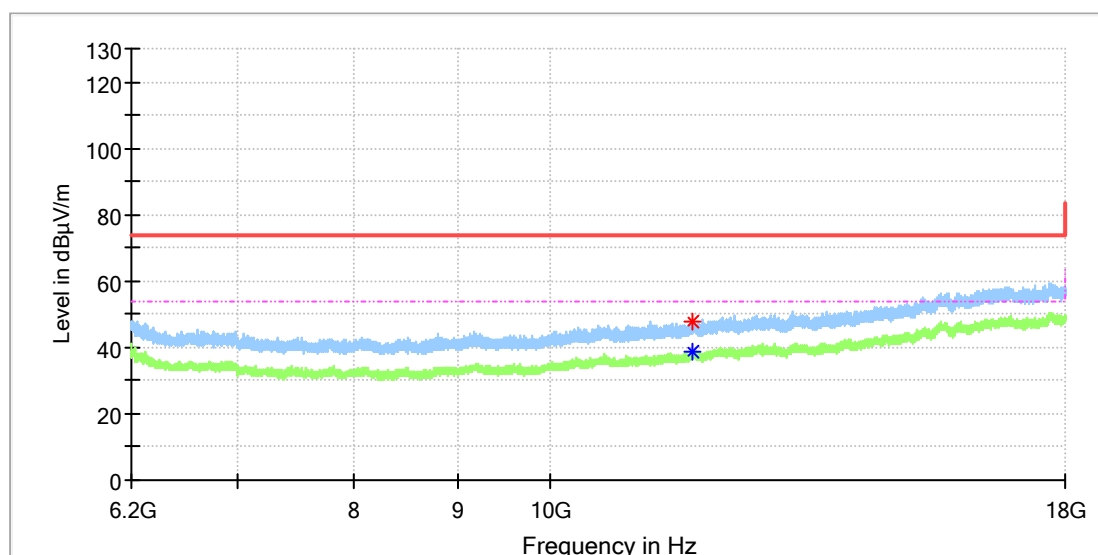
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1199.000000	47.77	---	74.00	26.23	150.0	V	97.0	1.1
1199.000000	---	37.26	54.00	16.74	150.0	V	97.0	1.1
2513.000000	50.19	---	74.00	23.81	150.0	V	1.0	7.4
2533.000000	---	39.89	54.00	14.11	150.0	V	212.0	7.5
5368.500000	---	50.40	54.00	3.60	150.0	V	353.0	13.3
5472.000000	60.87	---	68.20	7.33	150.0	V	207.0	13.6

Final Result

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

EUT Information

EUT Name:	DJI SDR Transmission
Model:	RX5
Test Mode:	SDR 5.8G_3M_5784.5MHz
Order No/Sample No:	168449632/A003634023-002
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

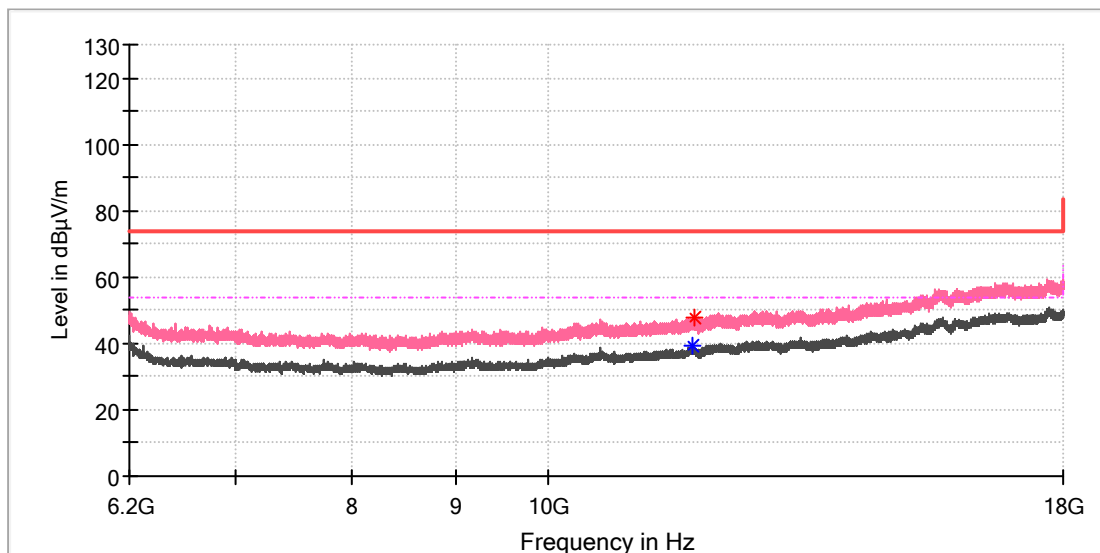
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11762.716667	---	38.84	54.00	15.16	150.0	H	208.0	13.4
11766.650000	47.65	---	74.00	26.35	150.0	H	208.0	13.4

Final Result

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

EUT Information

EUT Name: DJI SDR Transmission
Model: RX5
Test Mode: SDR 5.8G_3M_5784.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

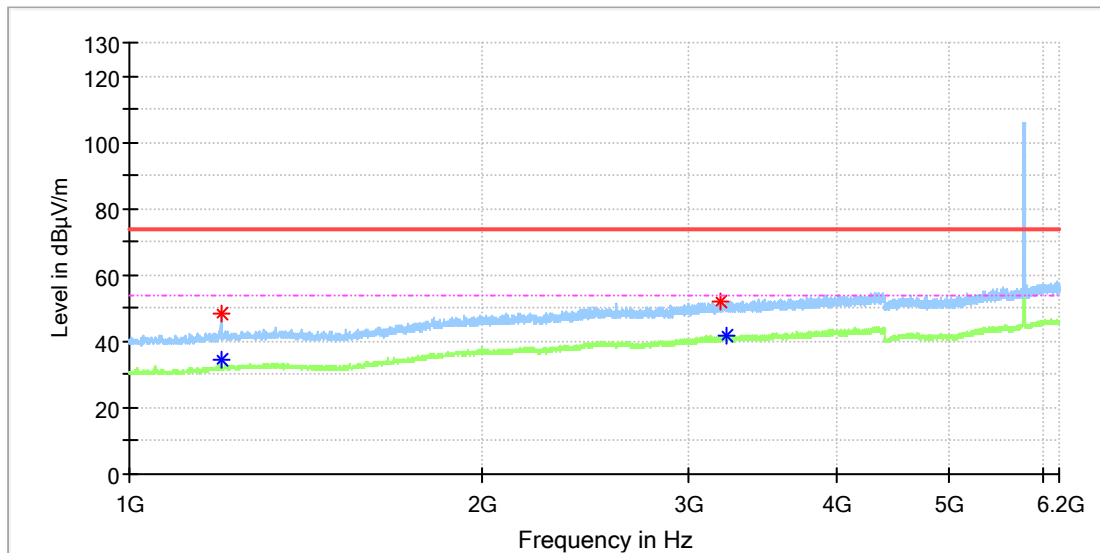
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11780.416667	---	39.13	54.00	14.87	150.0	V	3.0	13.4
11815.816667	47.88	---	74.00	26.12	150.0	V	180.0	13.5

Final Result

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

EUT Information

EUT Name: DJI SDR Transmission
Model: RX5
Test Mode: SDR 5.8G_10M_5786.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

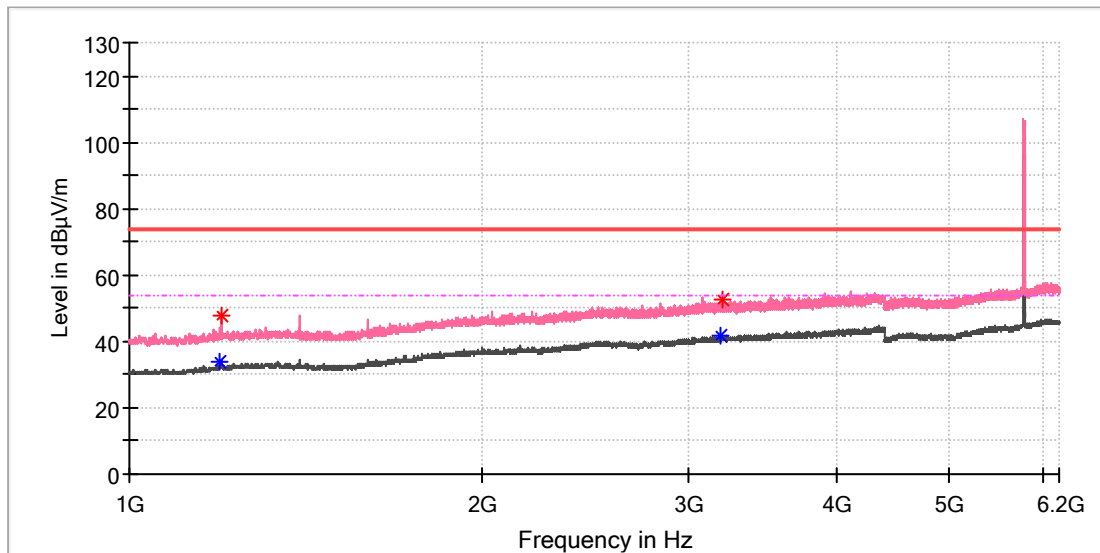
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1200.000000	48.63	---	74.00	25.37	150.0	H	225.0	1.1
1200.000000	---	34.40	54.00	19.60	150.0	H	225.0	1.1
3187.500000	52.05	---	74.00	21.95	150.0	H	158.0	8.6
3224.000000	---	41.94	54.00	12.06	150.0	H	33.0	8.6

Final Result

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

EUT Information

EUT Name: DJI SDR Transmission
Model: RX5
Test Mode: SDR 5.8G_10M_5786.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

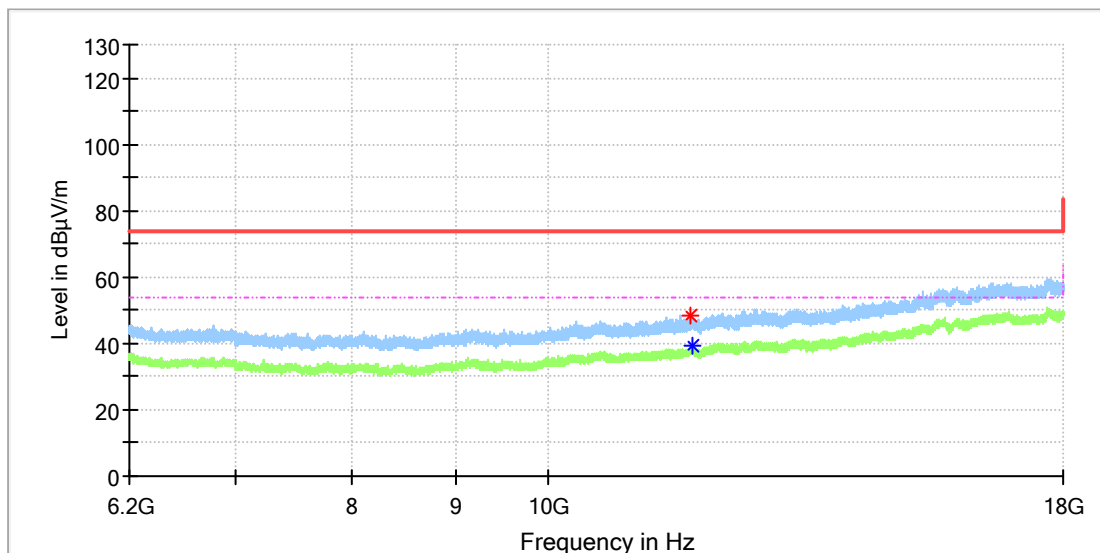
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1195.500000	---	34.01	54.00	19.99	150.0	V	72.0	1.1
1199.000000	47.73	---	74.00	26.27	150.0	V	65.0	1.1
3191.500000	---	41.59	54.00	12.41	150.0	V	148.0	8.6
3200.000000	52.34	---	74.00	21.66	150.0	V	215.0	8.6

Final Result

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

EUT Information

EUT Name:	DJI SDR Transmission
Model:	RX5
Test Mode:	SDR 5.8G_10M_5786.5MHz
Order No/Sample No:	168449632/A003634023-002
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

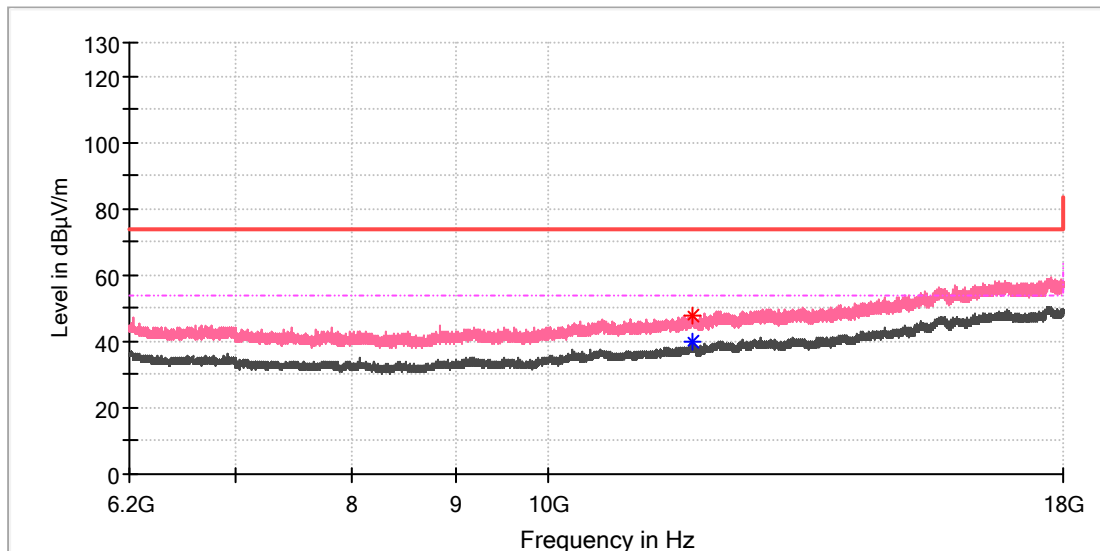
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11774.025000	48.46	---	74.00	25.54	150.0	H	95.0	13.4
11777.958333	---	39.25	54.00	14.75	150.0	H	83.0	13.4

Final Result

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

EUT Information

EUT Name: DJI SDR Transmission
Model: RX5
Test Mode: SDR 5.8G_10M_5786.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

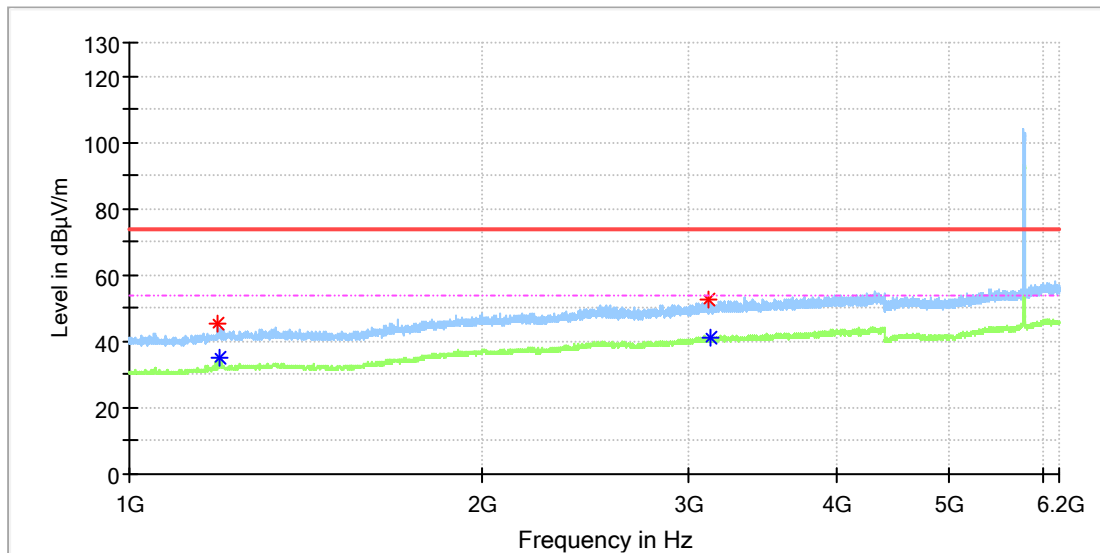
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11802.050000	---	39.99	54.00	14.01	150.0	V	340.0	13.4
11802.541667	47.61	---	74.00	26.39	150.0	V	99.0	13.4

Final Result

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

EUT Information

EUT Name: DJI SDR Transmission
Model: RX5
Test Mode: SDR 5.8G_20M_5786.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

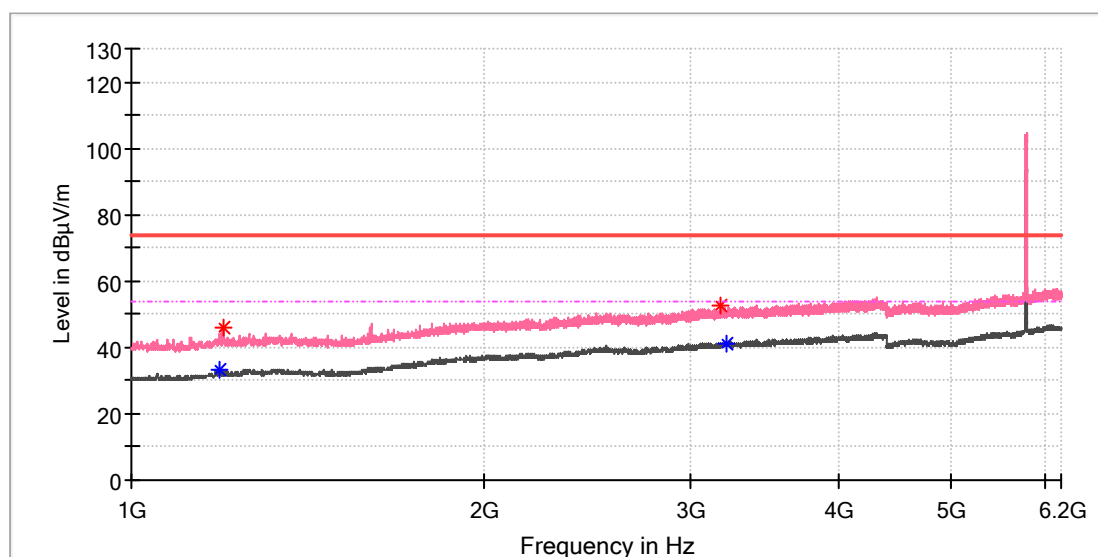
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1190.000000	45.12	---	74.00	28.88	150.0	H	315.0	1.1
1193.500000	---	35.06	54.00	18.94	150.0	H	315.0	1.1
3117.500000	52.43	---	74.00	21.57	150.0	H	55.0	8.6
3124.000000	---	41.11	54.00	12.89	150.0	H	274.0	8.6

Final Result

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

EUT Information

EUT Name: DJI SDR Transmission
Model: RX5
Test Mode: SDR 5.8G_20M_5786.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

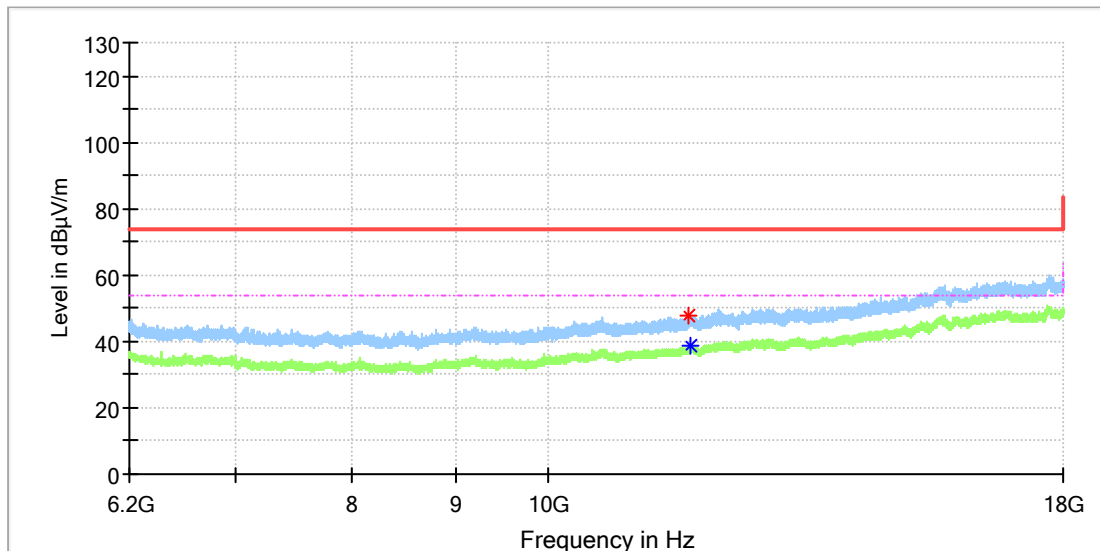
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1188.500000	---	33.47	54.00	20.53	150.0	V	202.0	1.1
1198.500000	45.74	---	74.00	28.26	150.0	V	148.0	1.1
3181.500000	52.58	---	74.00	21.42	150.0	V	269.0	8.6
3215.500000	---	41.34	54.00	12.66	150.0	V	51.0	8.6

Final Result

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

EUT Information

EUT Name:	DJI SDR Transmission
Model:	RX5
Test Mode:	SDR 5.8G_20M_5786.5MHz
Order No/Sample No:	168449632/A003634023-002
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

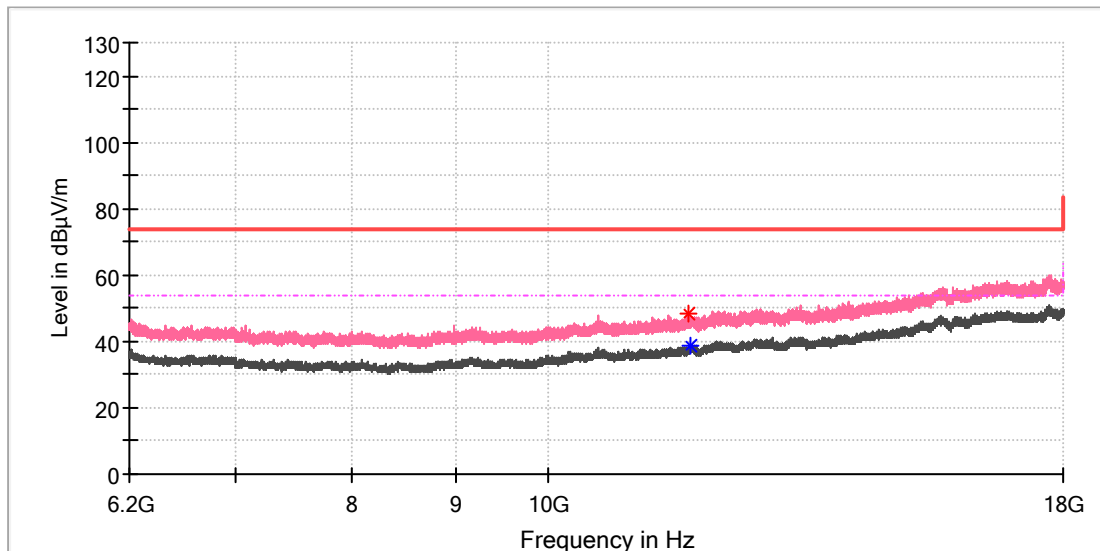
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11738.625000	47.72	---	74.00	26.28	150.0	H	32.0	13.3
11759.275000	---	38.88	54.00	15.12	150.0	H	288.0	13.4

Final Result

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

EUT Information

EUT Name: DJI SDR Transmission
Model: RX5
Test Mode: SDR 5.8G_20M_5786.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

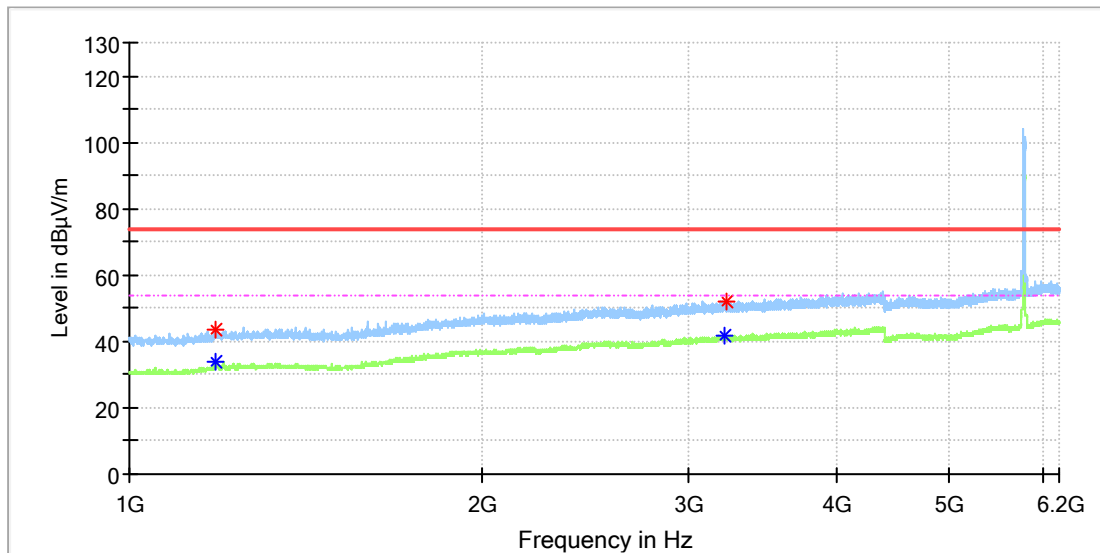
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11723.383333	48.09	---	74.00	25.91	150.0	V	214.0	13.3
11756.816667	---	38.85	54.00	15.15	150.0	V	190.0	13.4

Final Result

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

EUT Information

EUT Name: DJI SDR Transmission
Model: RX5
Test Mode: SDR 5.8G_40M_5786.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

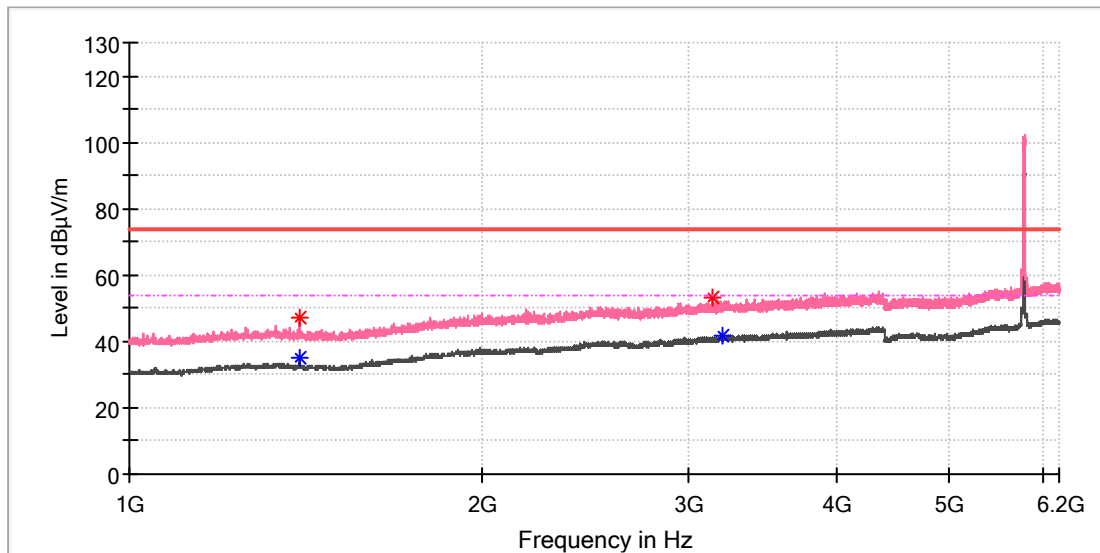
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1183.000000	43.70	---	74.00	30.30	150.0	H	194.0	1.0
1186.000000	---	33.76	54.00	20.24	150.0	H	5.0	1.0
3219.500000	---	41.76	54.00	12.24	150.0	H	140.0	8.6
3226.000000	52.14	---	74.00	21.86	150.0	H	101.0	8.5

Final Result

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

EUT Information

EUT Name: DJI SDR Transmission
Model: RX5
Test Mode: SDR 5.8G_40M_5786.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

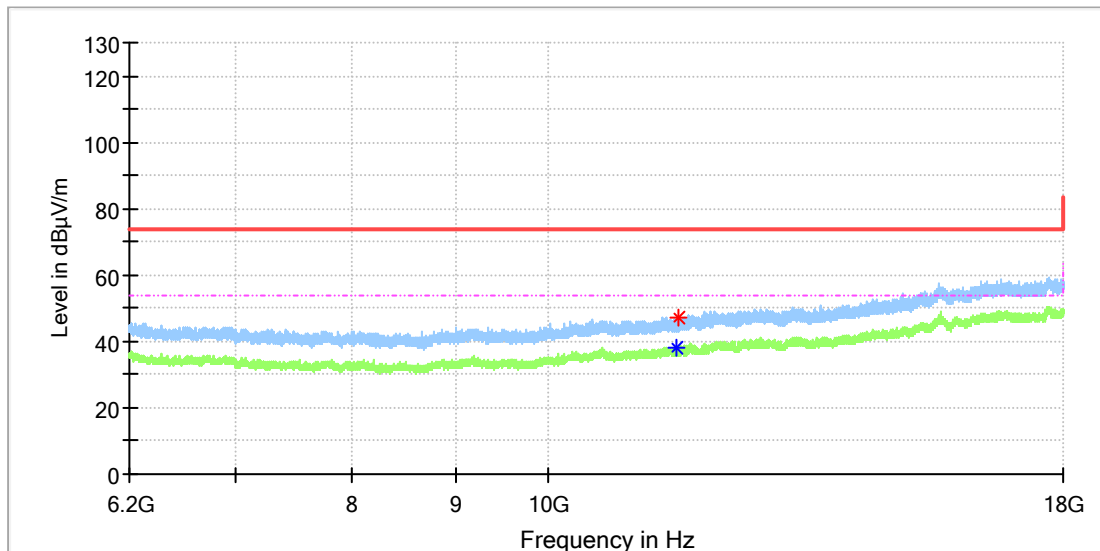
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1396.500000	47.26	---	74.00	26.74	150.0	V	64.0	1.7
1396.500000	---	35.17	54.00	18.83	150.0	V	64.0	1.7
3144.500000	52.99	---	74.00	21.01	150.0	V	98.0	8.6
3200.000000	---	41.63	54.00	12.37	150.0	V	64.0	8.6

Final Result

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

EUT Information

EUT Name: DJI SDR Transmission
Model: RX5
Test Mode: SDR 5.8G_40M_5786.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

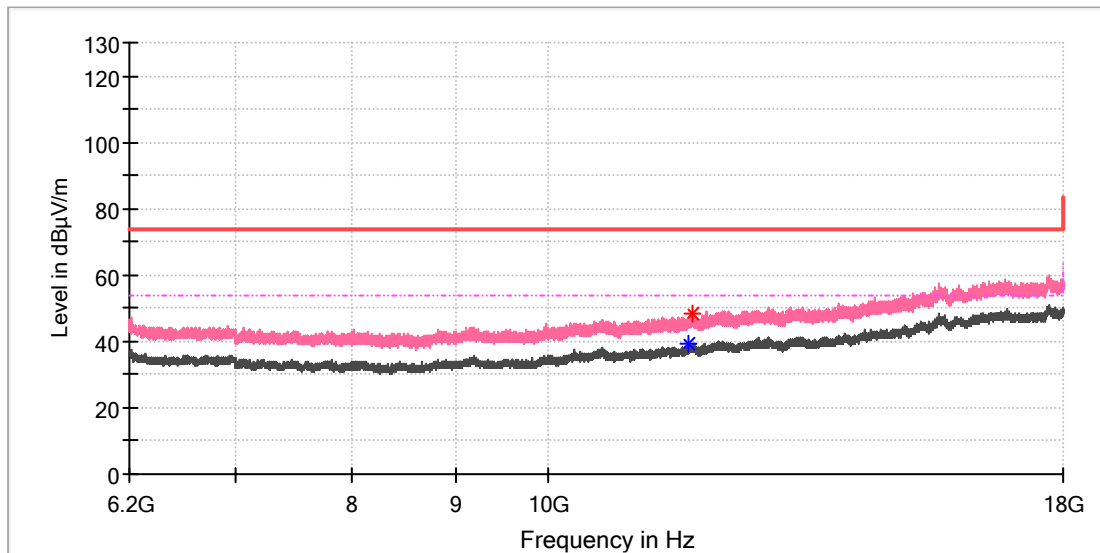
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11570.475000	---	38.36	54.00	15.64	150.0	H	143.0	13.4
11606.366667	47.18	---	74.00	26.82	150.0	H	120.0	13.3

Final Result

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

EUT Information

EUT Name: DJI SDR Transmission
Model: RX5
Test Mode: SDR 5.8G_40M_5786.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
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)
11739.116667	---	39.17	54.00	14.83	150.0	V	304.0	13.3
11786.808333	48.15	---	74.00	25.85	150.0	V	183.0	13.4

Final Result

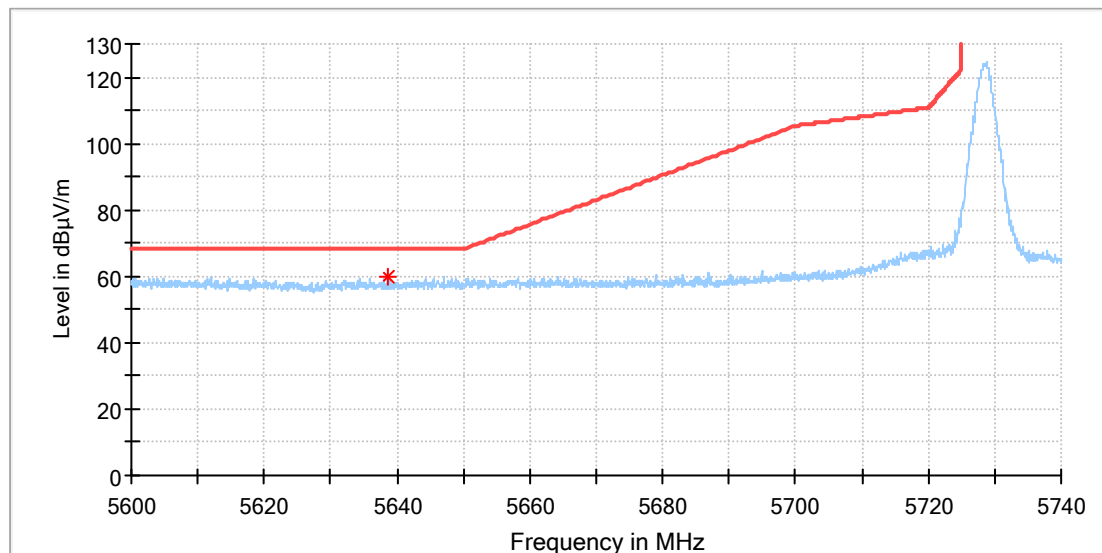
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

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

5.8G SDR, 1.4MHz BW

EUT Information

EUT Name:	DJI SDR Transmission
Model:	RX5
Test Mode:	SDR 5.8G_1.4M_5728.5MHz
Order No/Sample No:	168449632/A003634023-002
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

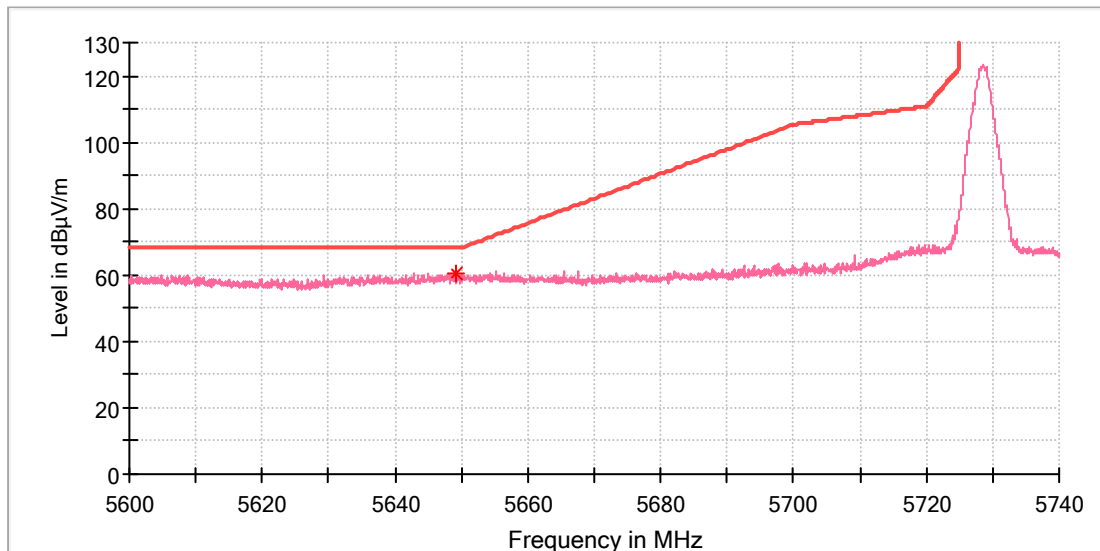
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5638.683333	59.82	68.20	8.38	150.0	H	0.0	13.8

Final_Result

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

EUT Information

EUT Name: DJI SDR Transmission
Model: RX5
Test Mode: SDR 5.8G_1.4M_5728.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

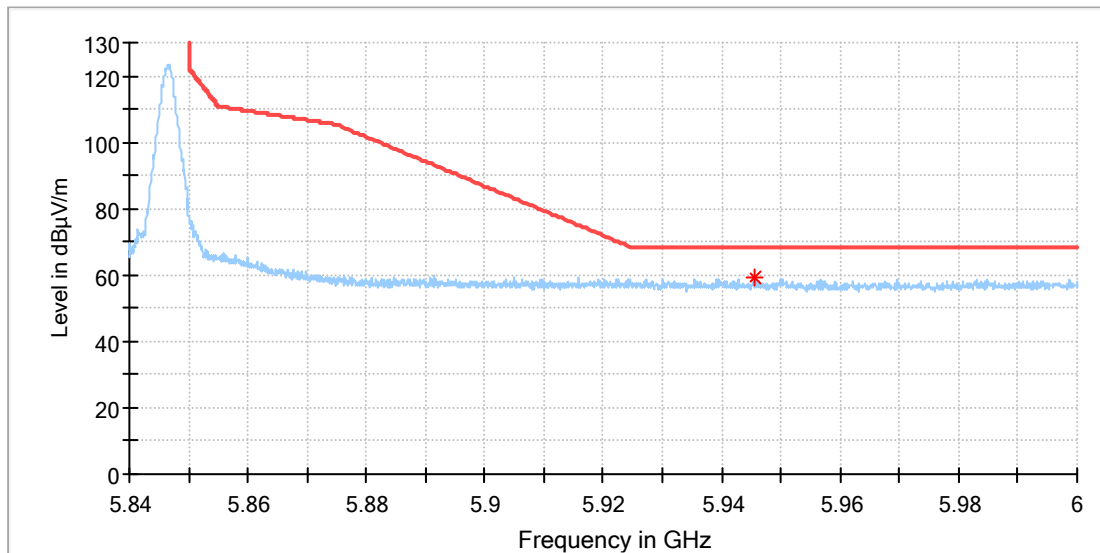
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5649.255556	60.55	68.20	7.65	150.0	V	28.0	13.8

Final Result

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

EUT Information

EUT Name: DJI SDR Transmission
Model: RX5
Test Mode: SDR 5.8G_1.4M_5846.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

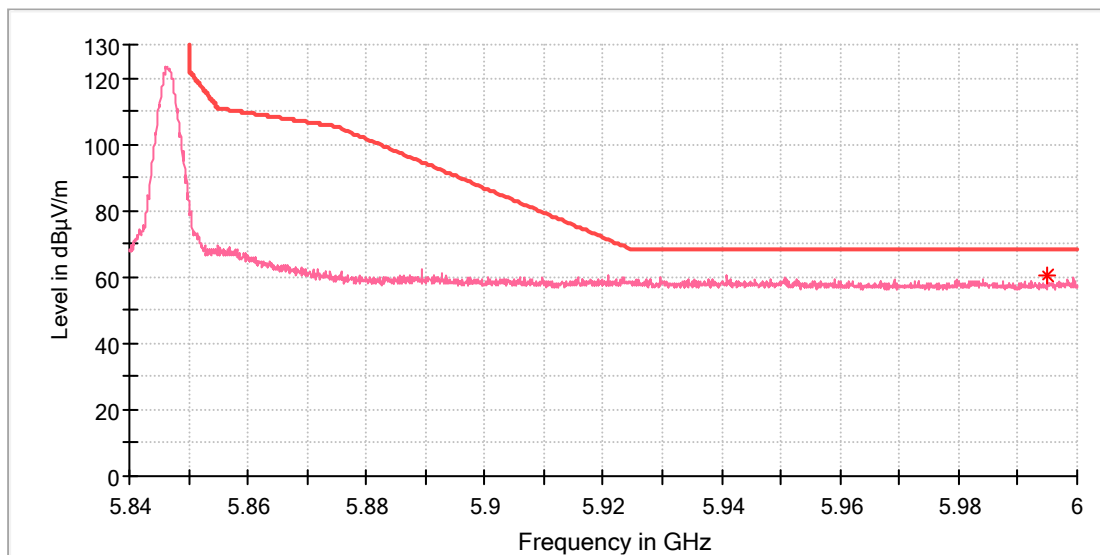
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5945.687500	58.97	68.20	9.23	150.0	H	195.0	14.7

Final Result

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

EUT Information

EUT Name:	DJI SDR Transmission
Model:	RX5
Test Mode:	SDR 5.8G_1.4M_5846.5MHz
Order No/Sample No:	168449632/A003634023-002
Test Voltage:	AC 120V, 60Hz
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)
5994.881944	60.34	68.20	7.86	150.0	V	55.0	15.0

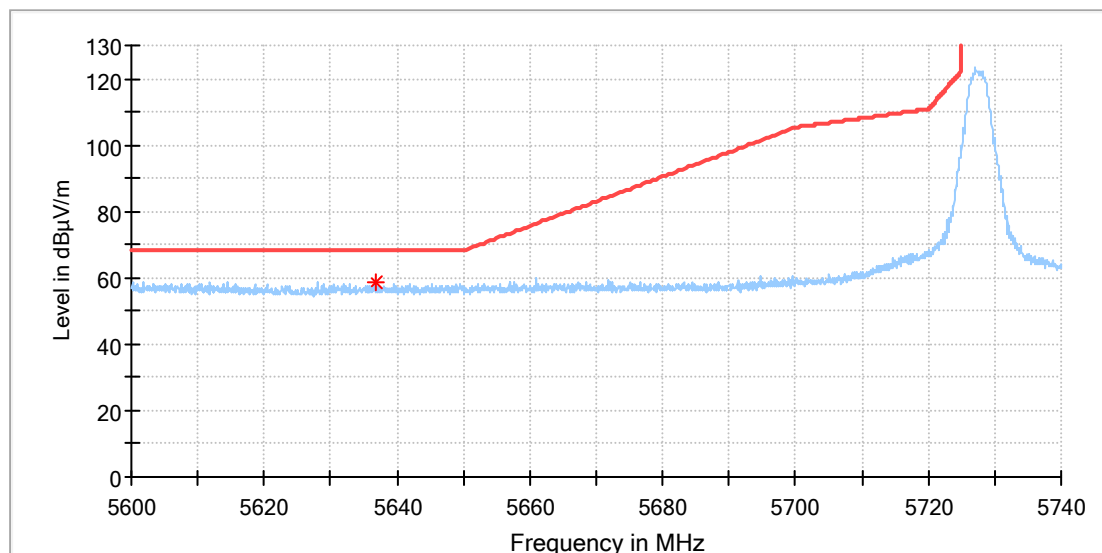
Final Result

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

5.8G SDR, 3MHz BW

EUT Information

EUT Name:	DJI SDR Transmission
Model:	RX5
Test Mode:	SDR 5.8G_3M_5727.5MHz
Order No/Sample No:	168449632/A003634023-002
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

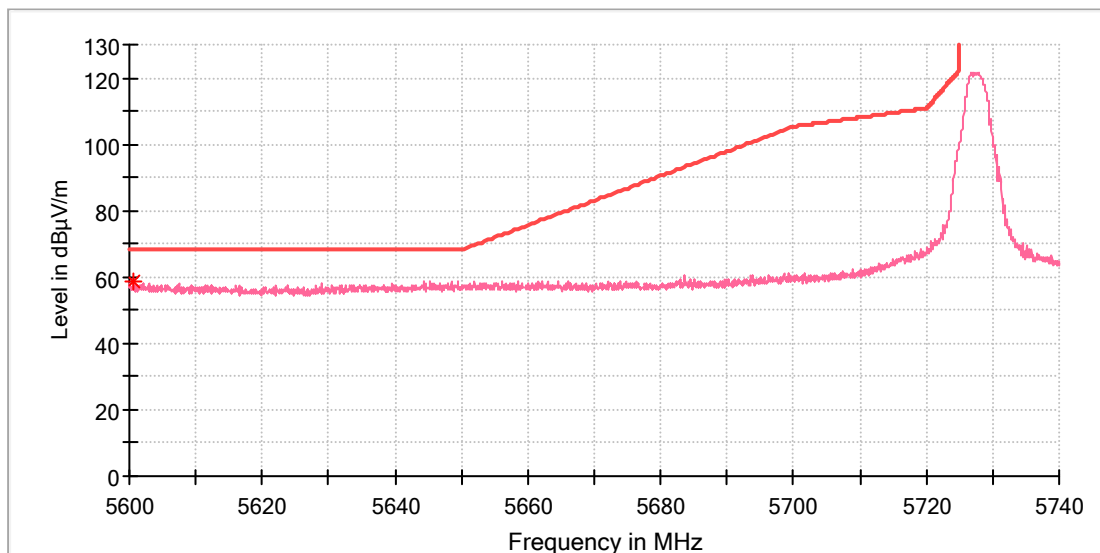
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5636.666667	58.81	68.20	9.39	150.0	H	0.0	13.8

Final Result

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

EUT Information

EUT Name:	DJI SDR Transmission
Model:	RX5
Test Mode:	SDR 5.8G_3M_5727.5MHz
Order No/Sample No:	168449632/A003634023-002
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

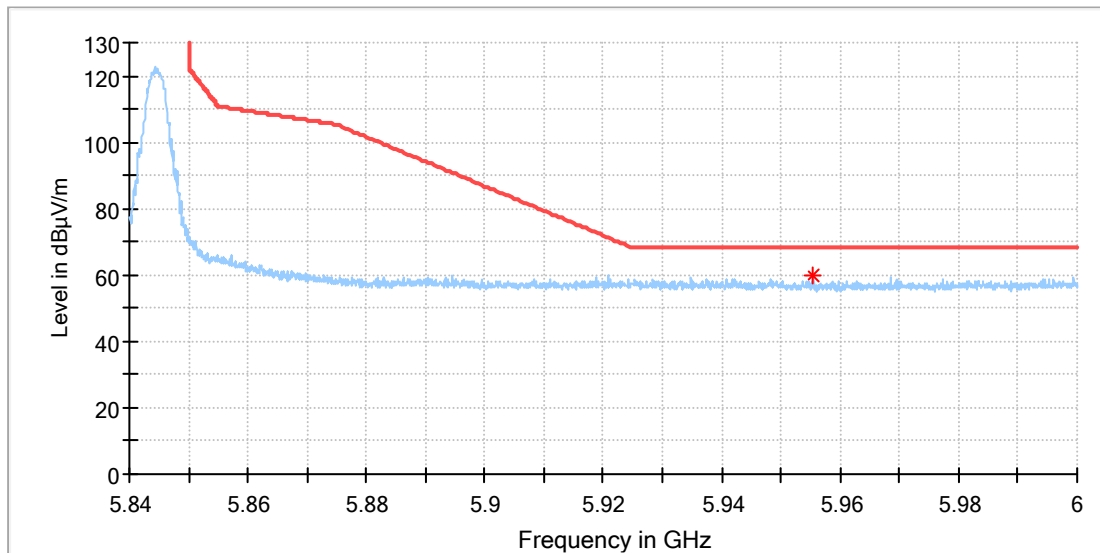
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5600.611111	58.94	68.20	9.26	150.0	V	22.0	13.8

Final Result

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

EUT Information

EUT Name: DJI SDR Transmission
Model: RX5
Test Mode: SDR 5.8G_3M_5844.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

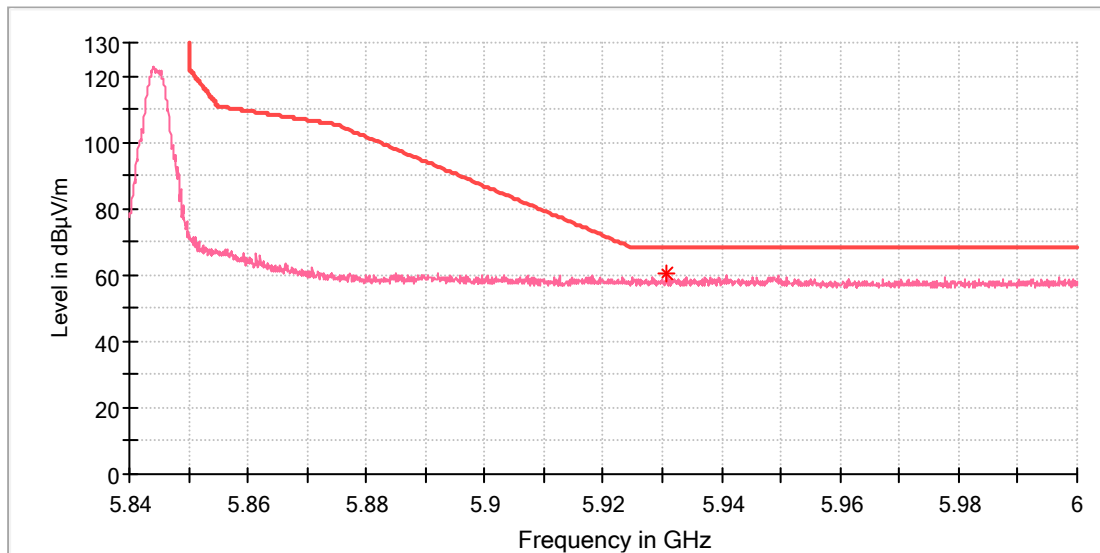
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5955.465278	59.83	68.20	8.37	150.0	H	178.0	14.8

Final Result

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

EUT Information

EUT Name:	DJI SDR Transmission
Model:	RX5
Test Mode:	SDR 5.8G_3M_5844.5MHz
Order No/Sample No:	168449632/A003634023-002
Test Voltage:	AC 120V, 60Hz
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)
5930.638889	60.25	68.20	7.95	150.0	V	0.0	14.7

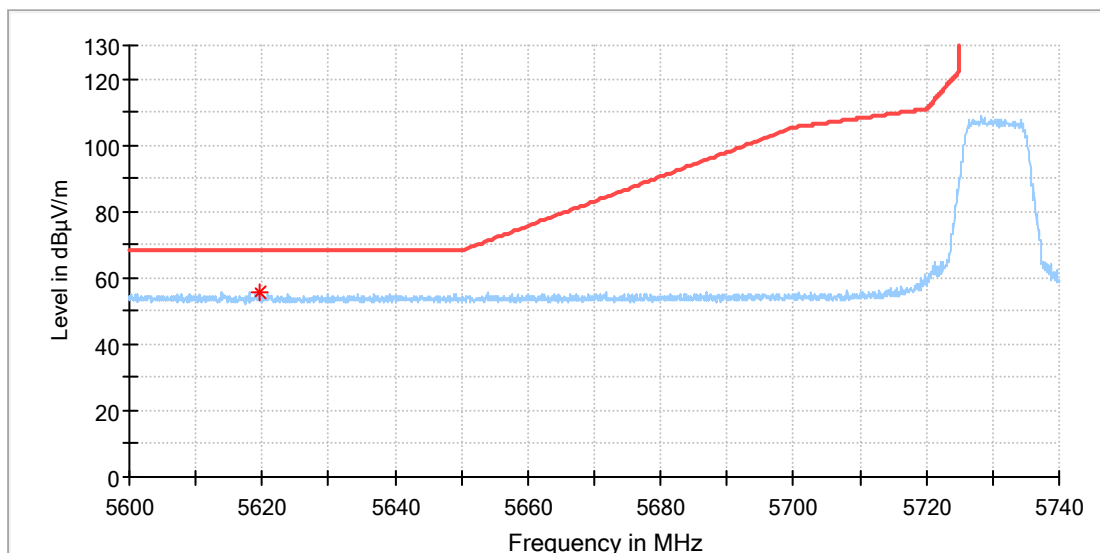
Final Result

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

5.8G SDR, 10MHz BW

EUT Information

EUT Name:	DJI SDR Transmission
Model:	RX5
Test Mode:	SDR 5.8G_10M_5730.5MHz
Order No/Sample No:	168449632/A003634023-002
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

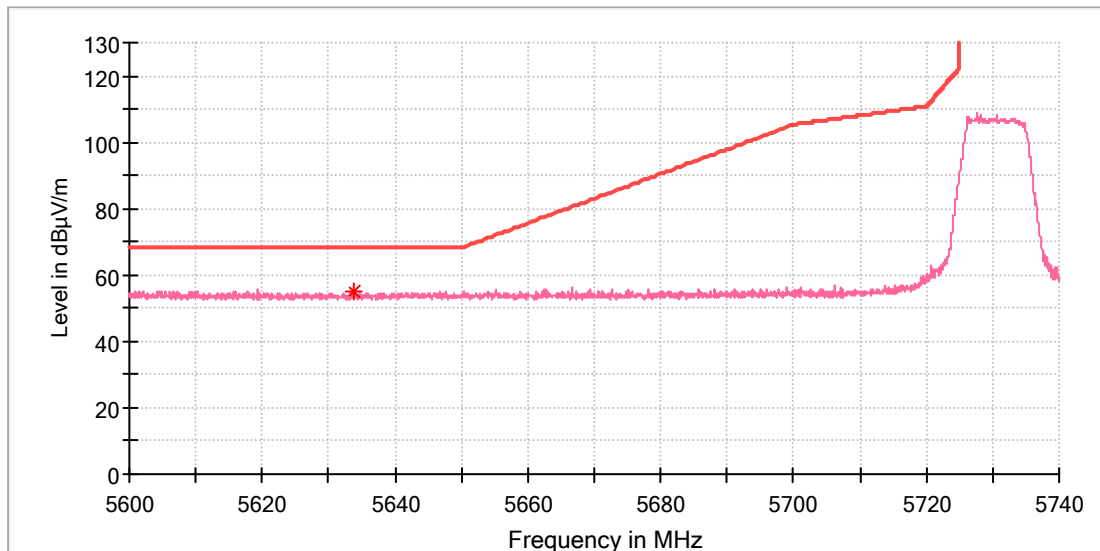
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5619.738889	55.71	68.20	12.49	150.0	H	2.0	13.8

Final Result

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

EUT Information

EUT Name: DJI SDR Transmission
Model: RX5
Test Mode: SDR 5.8G_10M_5730.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

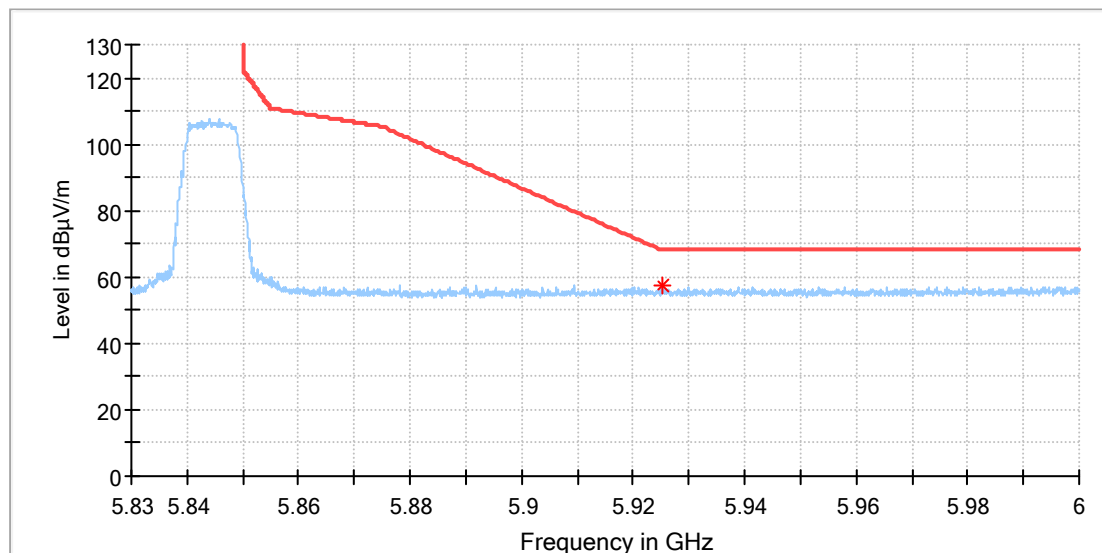
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5633.733333	55.11	68.20	13.09	150.0	V	21.0	13.8

Final Result

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

EUT Information

EUT Name:	DJI SDR Transmission
Model:	RX5
Test Mode:	SDR 5.8G_10M_5844.5MHz
Order No/Sample No:	168449632/A003634023-002
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

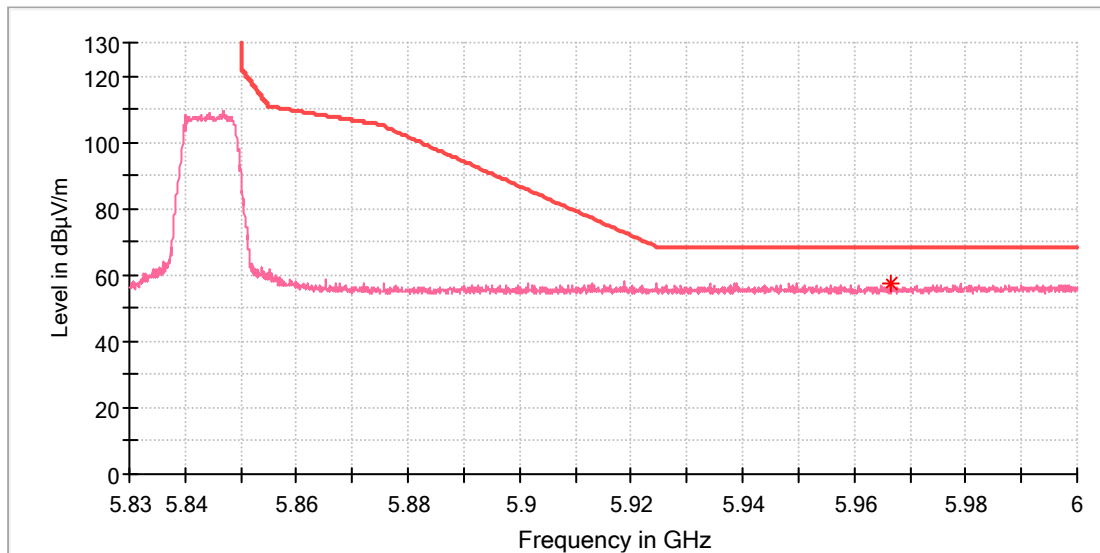
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5925.291667	57.33	68.20	10.87	150.0	H	73.0	14.6

Final Result

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

EUT Information

EUT Name: DJI SDR Transmission
Model: RX5
Test Mode: SDR 5.8G_10M_5844.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
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)
5966.465278	57.46	68.20	10.74	150.0	V	232.0	14.8

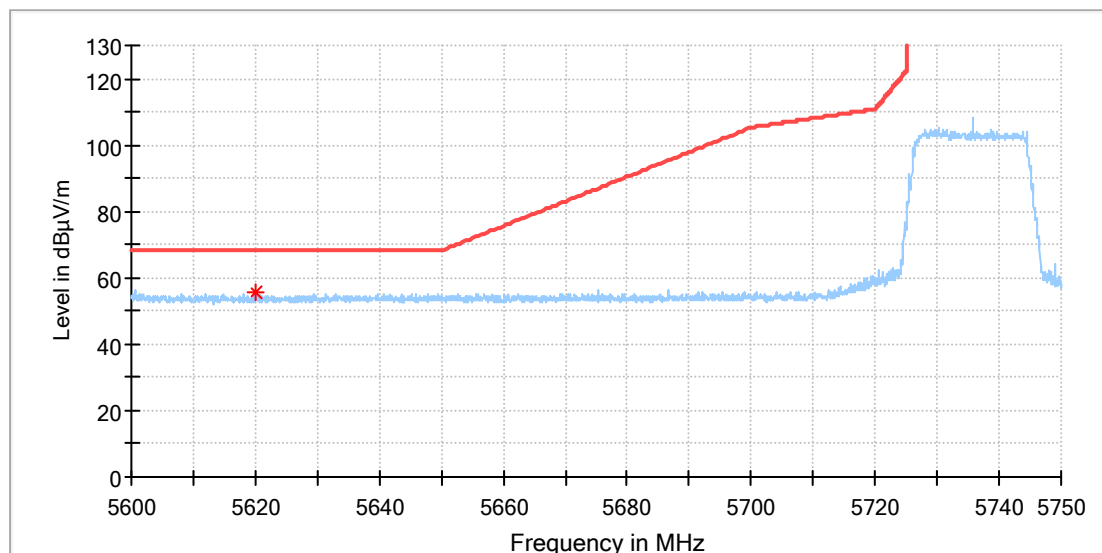
Final Result

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

5.8G SDR, 20MHz BW

EUT Information

EUT Name:	DJI SDR Transmission
Model:	RX5
Test Mode:	SDR 5.8G_20M_5735.5MHz
Order No/Sample No:	168449632/A003634023-002
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

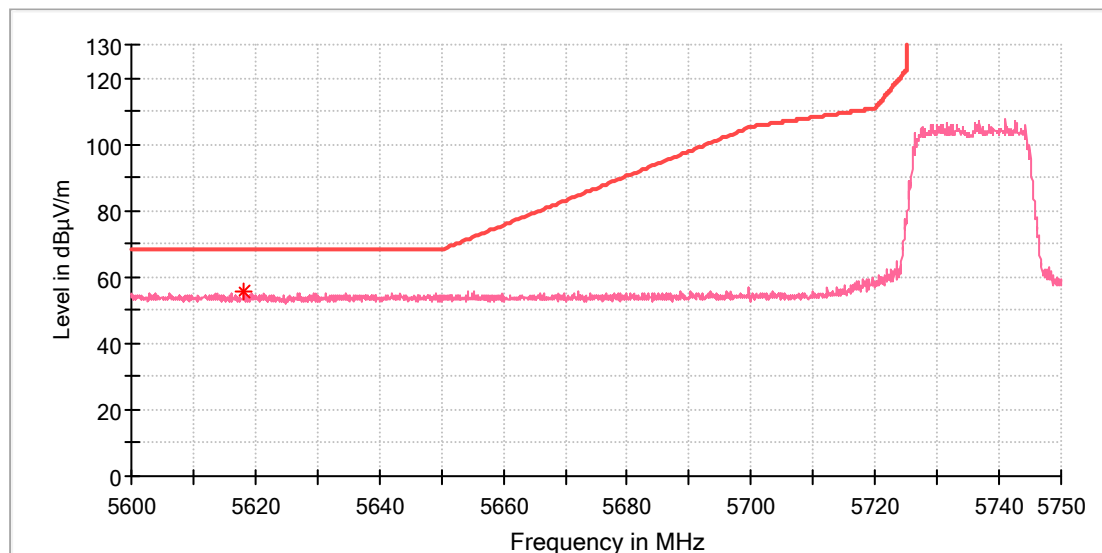
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5619.983333	55.68	68.20	12.52	150.0	H	352.0	13.8

Final Result

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

EUT Information

EUT Name:	DJI SDR Transmission
Model:	RX5
Test Mode:	SDR 5.8G_20M_5735.5MHz
Order No/Sample No:	168449632/A003634023-002
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

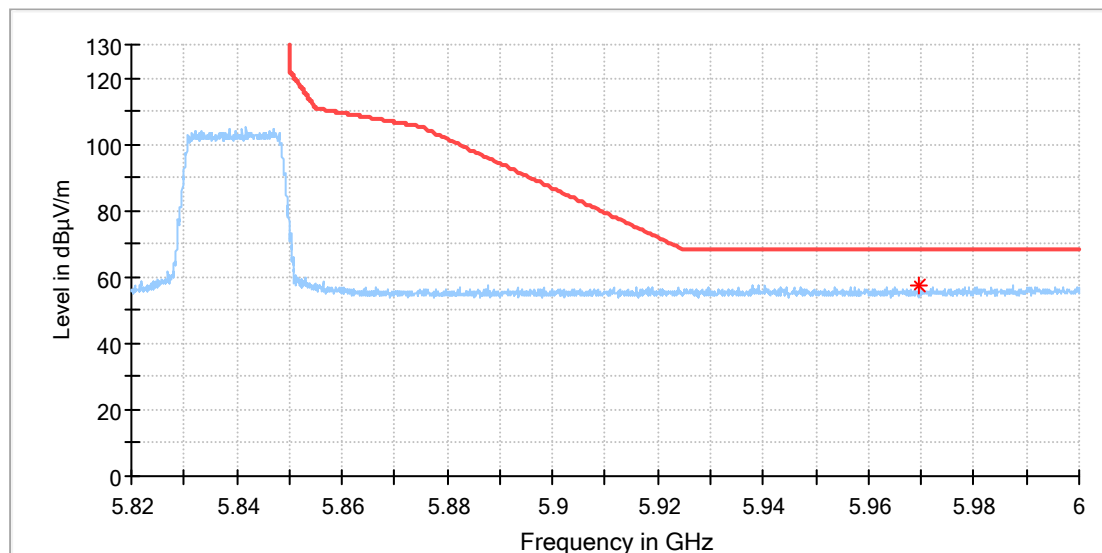
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5618.150000	55.38	68.20	12.82	150.0	V	0.0	13.8

Final Result

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

EUT Information

EUT Name: DJI SDR Transmission
Model: RX5
Test Mode: SDR 5.8G_20M_5839.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

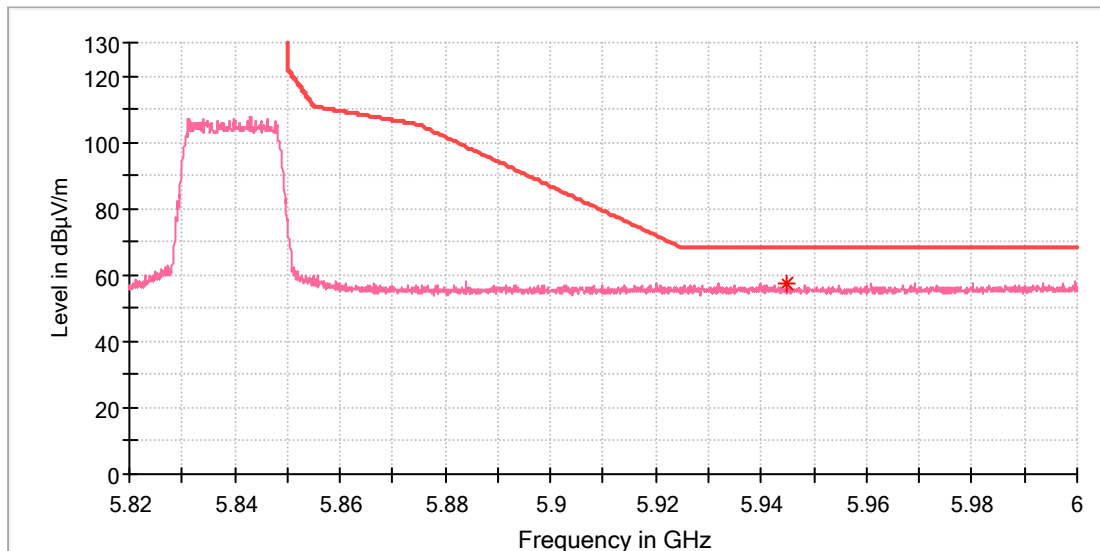
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5969.444445	57.70	68.20	10.50	150.0	H	29.0	14.9

Final Result

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

EUT Name: DJI SDR Transmission
Model: RX5
Test Mode: SDR 5.8G_20M_5839.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
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)
5945.000000	57.57	68.20	10.63	150.0	V	335.0	14.7

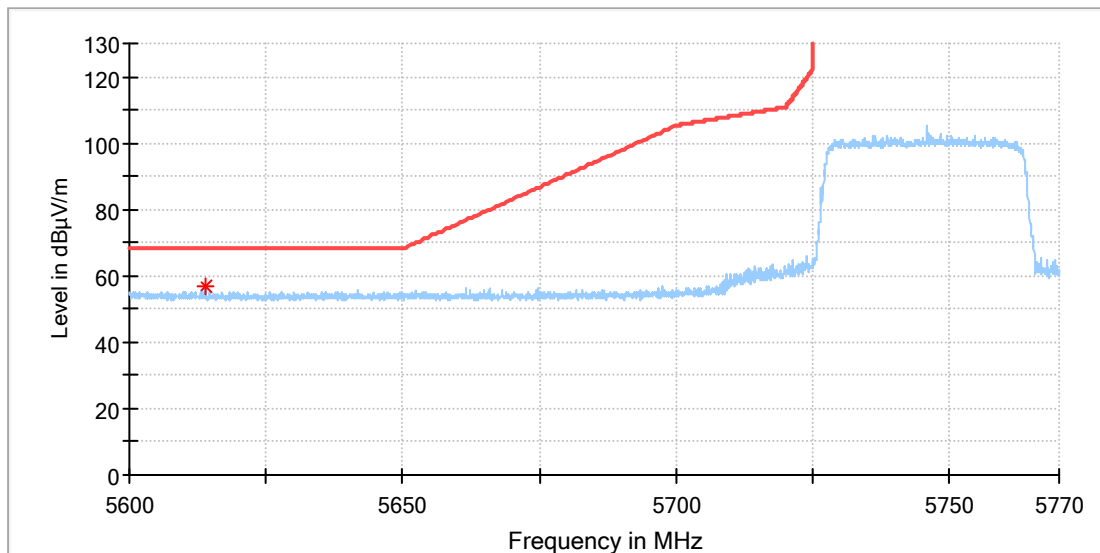
Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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5.8G SDR, 40MHz BW

EUT Information

EUT Name:	DJI SDR Transmission
Model:	RX5
Test Mode:	SDR 5.8G_40M_5745.5MHz
Order No/Sample No:	168449632/A003634023-002
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

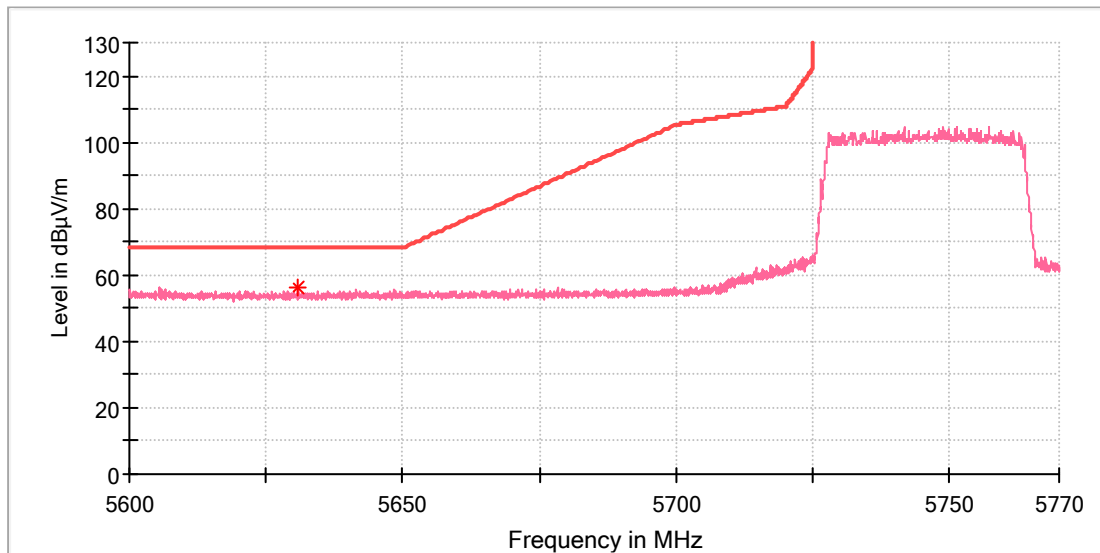
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5613.811111	56.63	68.20	11.57	150.0	H	157.0	13.8

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

EUT Name: DJI SDR Transmission
Model: RX5
Test Mode: SDR 5.8G_40M_5745.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

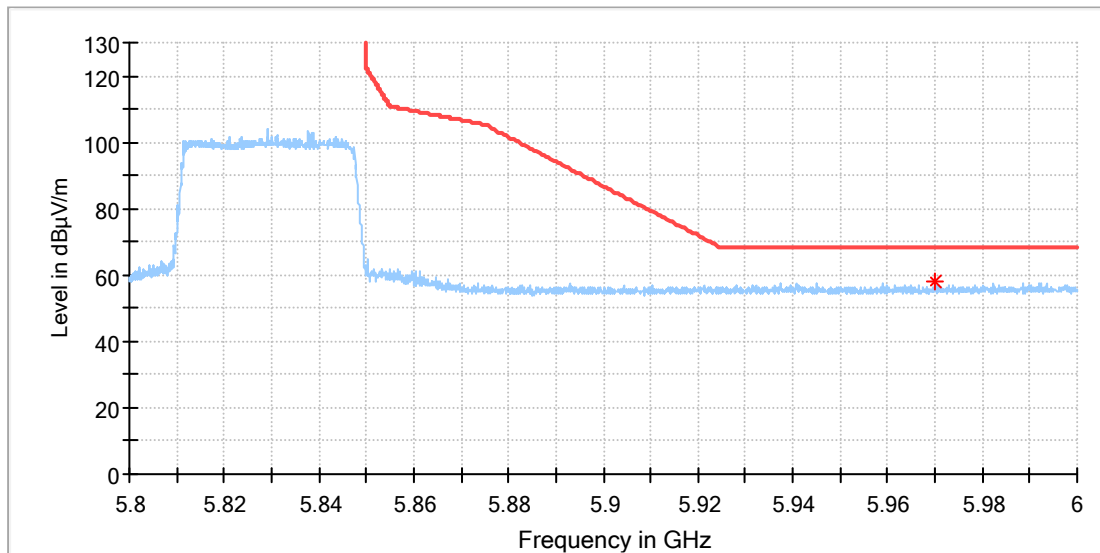
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5630.922222	55.95	68.20	12.25	150.0	V	75.0	13.8

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

EUT Name: DJI SDR Transmission
Model: RX5
Test Mode: SDR 5.8G_40M_5829.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

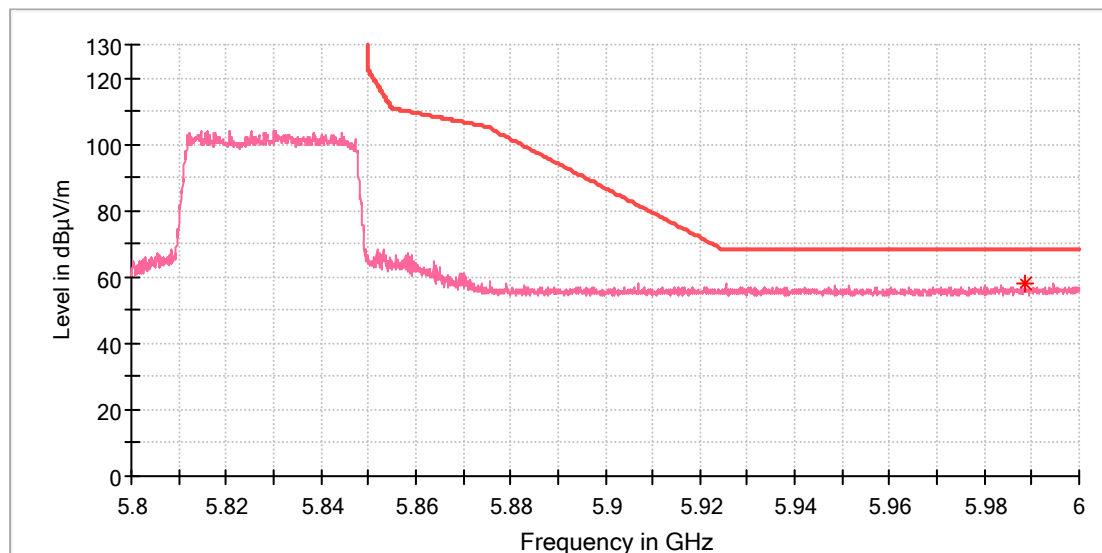
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5970.055556	57.86	68.20	10.34	150.0	H	14.0	14.9

Final Result

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

EUT Name: DJI SDR Transmission
Model: RX5
Test Mode: SDR 5.8G_40M_5829.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
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)
5988.541667	57.93	68.20	10.27	150.0	V	264.0	15.0

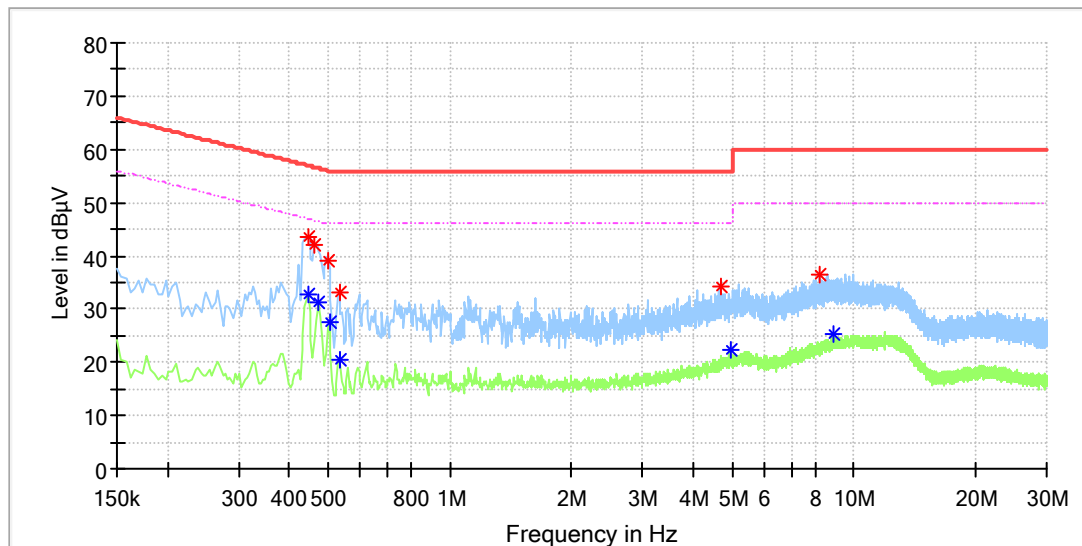
Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Appendix A.7: Test Results of Conducted Emission on AC Mains

EUT Information

EUT Name	DJI SDR Transmission
Order Number:	168449632(P01262068)
Model:	RX5
Test Mode:	Normal operating + Charging
Test Voltage:	AC 120V/60Hz
Test Standard:	FCC 15C
Test By:/Review By:	Charlie Zha / Gary Chen
Tem./Hum./Pressure:	23.3°C/50.8%/101kPa
Remark:	SR1

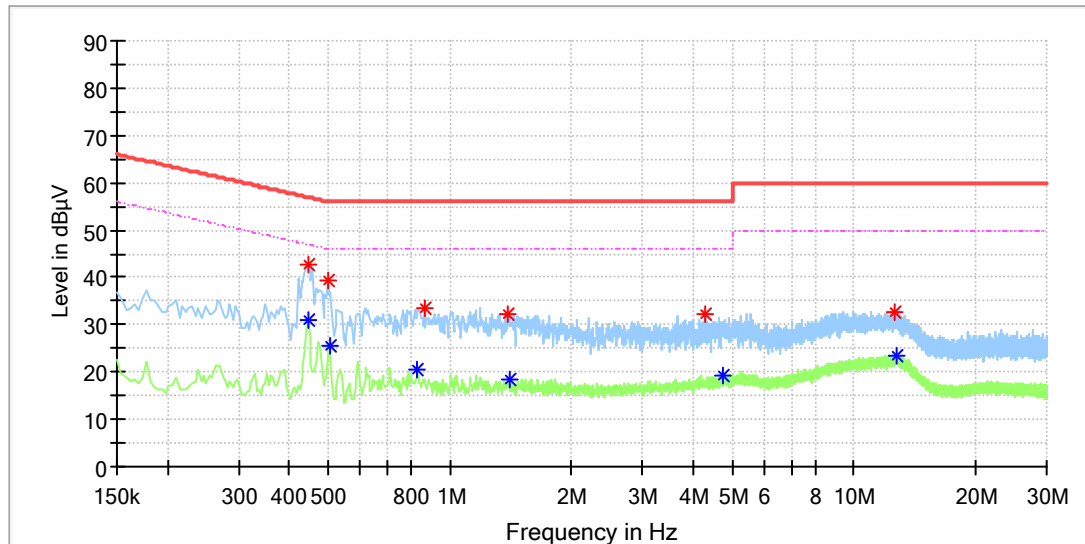


Critical Freqs

Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.446000	---	32.66	46.95	14.29	L1	9.9
0.446000	43.65	---	56.95	13.30	L1	9.9
0.462000	41.90	---	56.66	14.76	L1	9.9
0.474000	---	31.43	46.44	15.02	L1	9.9
0.500000	39.23	---	56.00	16.77	L1	9.9
0.504000	---	27.58	46.00	18.42	L1	9.9
0.532000	---	20.59	46.00	25.41	L1	9.9
0.532000	33.26	---	56.00	22.74	L1	9.9
4.684000	34.28	---	56.00	21.72	L1	10.0
4.984000	---	22.21	46.00	23.79	L1	10.0
8.228000	36.63	---	60.00	23.37	L1	9.9
8.892000	---	25.13	50.00	24.87	L1	9.9

EUT Information

EUT Name: DJI SDR Transmission
Order Number: 168449632(P01262068)
Model: RX5
Test Mode: Normal operating + Charging
Test Voltage: AC 120V/60Hz
Test Standard: FCC 15C
Test By:/Review By: Charlie Zha / Gary Chen
Tem./Hum./Pressure: 23.3°C/50.8%/101kPa
Remark: SR1



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.446000	42.50	---	56.95	14.45	N	9.7
0.446000	---	31.06	46.95	15.89	N	9.7
0.498000	39.17	---	56.03	16.87	N	9.7
0.504000	---	25.62	46.00	20.38	N	9.7
0.832000	---	20.69	46.00	25.31	N	9.7
0.868000	33.68	---	56.00	22.32	N	9.7
1.388000	32.44	---	56.00	23.56	N	9.8
1.404000	---	18.62	46.00	27.38	N	9.8
4.308000	32.25	---	56.00	23.75	N	10.0
4.740000	---	19.40	46.00	26.60	N	10.0
12.648000	32.74	---	60.00	27.26	N	10.1
12.820000	---	23.24	50.00	26.76	N	10.1