

Appendix A: Test Results of 5.2 / 5.8GHz Wi-Fi

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

TestMode	Antenna	Channel	Power [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	5.5	≤11	PASS
	Ant2	5180	5.90	≤11	PASS
	Ant1	5200	5.82	≤11	PASS
	Ant2	5200	4.86	≤11	PASS
	Ant1	5240	5.21	≤11	PASS
	Ant2	5240	4.60	≤11	PASS
	Ant1	5745	2.44	≤30	PASS
	Ant2	5745	2.93	≤30	PASS
	Ant1	5785	1.75	≤30	PASS
	Ant2	5785	2.83	≤30	PASS
	Ant1	5825	2.56	≤30	PASS
	Ant2	5825	4.00	≤30	PASS
11N20MIMO	Ant1	5180	2.55	≤11	PASS
	Ant2	5180	3.03	≤11	PASS
	total	5180	5.80	≤11	PASS
	Ant1	5200	3.22	≤11	PASS
	Ant2	5200	2.94	≤11	PASS
	total	5200	6.09	≤11	PASS
	Ant1	5240	2.77	≤11	PASS
	Ant2	5240	2.59	≤11	PASS
	total	5240	5.69	≤11	PASS
	Ant1	5745	2.15	≤30	PASS
	Ant2	5745	2.35	≤30	PASS
	total	5745	5.26	≤30	PASS
	Ant1	5785	1.89	≤30	PASS
	Ant2	5785	2.68	≤30	PASS
	total	5785	5.31	≤30	PASS
	Ant1	5825	2.84	≤30	PASS
	Ant2	5825	3.91	≤30	PASS
	total	5825	6.42	≤30	PASS
11N40MIMO	Ant1	5190	2.90	≤11	PASS
	Ant2	5190	2.02	≤11	PASS
	total	5190	5.49	≤11	PASS
	Ant1	5230	3.28	≤11	PASS
	Ant2	5230	1.57	≤11	PASS
	total	5230	5.52	≤11	PASS
	Ant1	5755	-1.01	≤30	PASS
	Ant2	5755	-0.24	≤30	PASS
	total	5755	2.40	≤30	PASS
	Ant1	5795	-0.73	≤30	PASS
	Ant2	5795	0.13	≤30	PASS
	total	5795	2.73	≤30	PASS
11AC20MIMO	Ant1	5180	2.98	≤11	PASS
	Ant2	5180	3.11	≤11	PASS
	total	5180	6.06	≤11	PASS
	Ant1	5200	3.28	≤11	PASS
	Ant2	5200	2.56	≤11	PASS
	total	5200	5.93	≤11	PASS
	Ant1	5240	3.14	≤11	PASS
	Ant2	5240	2.43	≤11	PASS
	total	5240	5.80	≤11	PASS
	Ant1	5745	2.04	≤30	PASS
	Ant2	5745	2.27	≤30	PASS
	total	5745	5.17	≤30	PASS
	Ant1	5785	1.63	≤30	PASS
	Ant2	5785	2.41	≤30	PASS
	total	5785	5.05	≤30	PASS
	Ant1	5825	2.29	≤30	PASS

	Ant2	5825	3.77	≤30	PASS
	total	5825	6.10	≤30	PASS
11AC40MIMO	Ant1	5190	2.52	≤11	PASS
	Ant2	5190	2.34	≤11	PASS
	total	5190	5.44	≤11	PASS
	Ant1	5230	3.12	≤11	PASS
	Ant2	5230	2.06	≤11	PASS
	total	5230	5.63	≤11	PASS
	Ant1	5755	-0.98	≤30	PASS
	Ant2	5755	-0.12	≤30	PASS
	total	5755	2.48	≤30	PASS
	Ant1	5795	-0.83	≤30	PASS
	Ant2	5795	-0.05	≤30	PASS
	total	5795	2.59	≤30	PASS
11AC80MIMO	Ant1	5210	-0.43	≤11	PASS
	Ant2	5210	-1.48	≤11	PASS
	total	5210	2.09	≤11	PASS
	Ant1	5775	-4.1	≤30	PASS
	Ant2	5775	-3.52	≤30	PASS
	total	5775	-0.79	≤30	PASS
11AX20MIMO	Ant1	5180	2.71	≤11	PASS
	Ant2	5180	3.05	≤11	PASS
	total	5180	5.89	≤11	PASS
	Ant1	5200	3.56	≤11	PASS
	Ant2	5200	2.84	≤11	PASS
	total	5200	6.21	≤11	PASS
	Ant1	5240	3.36	≤11	PASS
	Ant2	5240	2.54	≤11	PASS
	total	5240	5.96	≤11	PASS
	Ant1	5745	1.51	≤30	PASS
	Ant2	5745	2.45	≤30	PASS
	total	5745	5.02	≤30	PASS
	Ant1	5785	2.76	≤30	PASS
	Ant2	5785	2.43	≤30	PASS
	total	5785	5.61	≤30	PASS
	Ant1	5825	2.62	≤30	PASS
	Ant2	5825	3.65	≤30	PASS
	total	5825	6.18	≤30	PASS
11AX40MIMO	Ant1	5190	2.80	≤11	PASS
	Ant2	5190	1.58	≤11	PASS
	total	5190	5.24	≤11	PASS
	Ant1	5230	2.70	≤11	PASS
	Ant2	5230	1.98	≤11	PASS
	total	5230	5.37	≤11	PASS
	Ant1	5755	-1.10	≤30	PASS
	Ant2	5755	-0.63	≤30	PASS
	total	5755	2.15	≤30	PASS
	Ant1	5795	-0.33	≤30	PASS
	Ant2	5795	-0.92	≤30	PASS
	total	5795	2.40	≤30	PASS
11AX80MIMO	Ant1	5210	-0.05	≤11	PASS
	Ant2	5210	-1.52	≤11	PASS
	total	5210	2.29	≤11	PASS
	Ant1	5775	-4.50	≤30	PASS
	Ant2	5775	-3.09	≤30	PASS
	total	5775	-0.73	≤30	PASS

Appendix A.2: Test Results of Frequency Stability

Voltage, Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AX20M	Ant1	5180	NV	NT	-10000	-1.93	20	PASS
		5200	NV	NT	-10000	-1.92	20	PASS
		5240	NV	NT	-9000	-1.72	20	PASS
		5745	NV	NT	-11000	-1.91	20	PASS
		5785	NV	NT	-10000	-1.73	20	PASS
		5825	NV	NT	-11000	-1.89	20	PASS
11AX40M	Ant1	5190	NV	NT	-8000	-1.54	20	PASS
		5230	NV	NT	-9000	-1.72	20	PASS
		5755	NV	NT	-12000	-2.09	20	PASS
		5795	NV	NT	-10000	-1.73	20	PASS
11AX80MIMO	Ant1	5210	NV	NT	-13000	-2.50	20	PASS
		5775	NV	NT	-14000	-2.42	20	PASS

Appendix A.3: Test Results of 26dB Bandwidth

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	19.720	5169.880	5189.600	---	PASS
		5200	18.560	5190.800	5209.360	---	PASS
		5240	18.800	5230.680	5249.480	---	PASS
		5745	19.720	5735.080	5754.800	---	PASS
		5785	19.520	5775.080	5794.600	---	PASS
		5825	19.520	5815.040	5834.560	---	PASS
11N20MIMO	Ant1	5180	19.800	5169.920	5189.720	---	PASS
		5200	20.000	5190.320	5210.320	---	PASS
		5240	19.920	5230.000	5249.920	---	PASS
		5745	20.480	5734.560	5755.040	---	PASS
		5785	20.120	5774.840	5794.960	---	PASS
		5825	20.400	5814.600	5835.000	---	PASS
11N40MIMO	Ant1	5190	39.040	5170.560	5209.600	---	PASS
		5230	38.960	5210.320	5249.280	---	PASS
		5755	39.280	5735.320	5774.600	---	PASS
		5795	39.040	5775.240	5814.280	---	PASS
11AC20MIMO	Ant1	5180	20.040	5169.840	5189.880	---	PASS
		5200	20.080	5190.080	5210.160	---	PASS
		5240	20.000	5229.800	5249.800	---	PASS
		5745	20.280	5734.960	5755.240	---	PASS
		5785	20.120	5774.800	5794.920	---	PASS
		5825	20.400	5814.640	5835.040	---	PASS
11AC40MIMO	Ant1	5190	38.720	5170.720	5209.440	---	PASS
		5230	38.880	5210.560	5249.440	---	PASS
		5755	39.280	5735.320	5774.600	---	PASS
		5795	39.120	5775.160	5814.280	---	PASS
11AC80MIMO	Ant1	5210	80.320	5169.680	5250.000	---	PASS
		5775	80.480	5734.520	5815.000	---	PASS
11AX20MIMO	Ant1	5180	20.320	5169.840	5190.160	---	PASS
		5200	20.680	5189.800	5210.480	---	PASS
		5240	20.480	5229.840	5250.320	---	PASS
		5745	20.480	5734.760	5755.240	---	PASS
		5785	20.320	5774.960	5795.280	---	PASS
		5825	20.320	5814.840	5835.160	---	PASS
11AX40MIMO	Ant1	5190	39.680	5170.320	5210.000	---	PASS
		5230	40.160	5210.000	5250.160	---	PASS
		5755	40.080	5735.000	5775.080	---	PASS
		5795	39.680	5775.000	5814.680	---	PASS
11AX80MIMO	Ant1	5210	80.800	5169.840	5250.640	---	PASS
		5775	80.800	5734.680	5815.480	---	PASS

11A_Ant1_5180



11A_Ant1_5200



11A_Ant1_5240



11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



11N20MIMO Ant1 5180



11N20MIMO Ant1 5200



11N20MIMO Ant1 5240



11N20MIMO Ant1 5745



11N20MIMO Ant1 5785



11N20MIMO Ant1 5825





11N40MIMO_Ant1_5795



11AC20MIMO_Ant1_5180



11AC20MIMO_Ant1_5200



11AC20MIMO_Ant1_5240



11AC20MIMO_Ant1_5745



11AC20MIMO_Ant1_5785



11AC20MIMO_Ant1_5825



11AC40MIMO_Ant1_5190



11AC40MIMO_Ant1_5230



11AC40MIMO_Ant1_5755



11AC40MIMO_Ant1_5795



11AC80MIMO_Ant1_5210



11AC80MIMO_Ant1_5775



11AX20MIMO_Ant1_5180



11AX20MIMO_Ant1_5200



11AX20MIMO_Ant1_5240



11AX20MIMO_Ant1_5745



11AX20MIMO_Ant1_5785



11AX20MIMO_Ant1_5825



11AX40MIMO_Ant1_5190



11AX40MIMO_Ant1_5230



11AX40MIMO_Ant1_5755



11AX40MIMO_Ant1_5795



11AX80MIMO_Ant1_5210





Appendix A.4: Test Results of 99% Bandwidth

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.532	5171.742	5188.274	---	PASS
		5200	16.496	5191.764	5208.260	---	PASS
		5240	16.481	5231.748	5248.229	---	PASS
		5745	16.439	5736.765	5753.204	---	PASS
		5785	16.440	5776.750	5793.190	---	PASS
		5825	16.469	5816.732	5833.201	---	PASS
11N20MIMO	Ant1	5180	17.649	5171.193	5188.842	---	PASS
		5200	17.627	5191.228	5208.855	---	PASS
		5240	17.657	5231.147	5248.804	---	PASS
		5745	17.693	5736.126	5753.819	---	PASS
		5785	17.659	5776.140	5793.799	---	PASS
		5825	17.684	5816.099	5833.783	---	PASS
11N40MIMO	Ant1	5190	36.080	5172.024	5208.104	---	PASS
		5230	35.950	5212.056	5248.006	---	PASS
		5755	35.983	5736.946	5772.929	---	PASS
		5795	36.005	5776.921	5812.926	---	PASS
11AC20MIMO	Ant1	5180	17.628	5171.188	5188.816	---	PASS
		5200	17.595	5191.254	5208.849	---	PASS
		5240	17.615	5231.176	5248.791	---	PASS
		5745	17.657	5736.143	5753.800	---	PASS
		5785	17.661	5776.122	5793.783	---	PASS
		5825	17.660	5816.118	5833.778	---	PASS
11AC40MIMO	Ant1	5190	36.074	5172.058	5208.132	---	PASS
		5230	35.937	5212.050	5247.987	---	PASS
		5755	36.003	5736.950	5772.953	---	PASS
		5795	36.053	5776.876	5812.929	---	PASS
11AC80MIMO	Ant1	5210	75.464	5172.183	5247.647	---	PASS
		5775	75.314	5737.253	5812.567	---	PASS
11AX20MIMO	Ant1	5180	18.932	5170.532	5189.464	---	PASS
		5200	18.917	5190.558	5209.475	---	PASS
		5240	18.927	5230.502	5249.429	---	PASS
		5745	18.979	5735.486	5754.465	---	PASS
		5785	18.974	5775.477	5794.451	---	PASS
		5825	18.982	5815.463	5834.445	---	PASS
11AX40MIMO	Ant1	5190	37.777	5171.154	5208.931	---	PASS
		5230	37.584	5211.226	5248.810	---	PASS
		5755	37.819	5736.116	5773.935	---	PASS
		5795	37.734	5776.092	5813.826	---	PASS
11AX80MIMO	Ant1	5210	76.977	5171.440	5248.417	---	PASS
		5775	76.744	5736.554	5813.298	---	PASS

11A Ant1 5180



11A Ant1 5200



11A Ant1 5240



11A Ant1 5745



11A Ant1 5785



11A Ant1 5825



11N20MIMO Ant1 5180



11N20MIMO Ant1 5200



11N20MIMO Ant1 5240



11N20MIMO Ant1 5745



11N20MIMO Ant1 5785



11N20MIMO Ant1 5825



11N40MIMO Ant1 5190



11N40MIMO Ant1 5230



11N40MIMO Ant1 5755



11N40MIMO_Ant1_5795



11AC20MIMO_Ant1_5180



11AC20MIMO_Ant1_5200



11AC20MIMO_Ant1_5240



11AC20MIMO_Ant1_5745



11AC20MIMO_Ant1_5785



11AC20MIMO_Ant1_5825



11AC40MIMO_Ant1_5190



11AC40MIMO_Ant1_5230



11AC40MIMO_Ant1_5755



11AC40MIMO_Ant1_5795



11AC80MIMO_Ant1_5210



11AC80MIMO_Ant1_5775



11AX20MIMO_Ant1_5180



11AX20MIMO_Ant1_5200



11AX20MIMO_Ant1_5240



11AX20MIMO_Ant1_5745



11AX20MIMO_Ant1_5785



11AX20MIMO_Ant1_5825



11AX40MIMO_Ant1_5190



11AX40MIMO_Ant1_5230



11AX40MIMO_Ant1_5755



11AX40MIMO_Ant1_5795



11AX80MIMO_Ant1_5210





Appendix A.5: Test Results of 6dB Bandwidth

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	14.000	5738.360	5752.360	0.5	PASS
		5785	15.400	5777.480	5792.880	0.5	PASS
		5825	15.640	5816.840	5832.480	0.5	PASS
11N20MIMO	Ant1	5745	17.160	5736.200	5753.360	0.5	PASS
		5785	17.360	5776.200	5793.560	0.5	PASS
		5825	17.600	5816.160	5833.760	0.5	PASS
11N40MIMO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	31.680	5778.520	5810.200	0.5	PASS
11AC20MIMO	Ant1	5745	17.560	5736.200	5753.760	0.5	PASS
		5785	17.600	5776.160	5793.760	0.5	PASS
		5825	17.600	5816.160	5833.760	0.5	PASS
11AC40MIMO	Ant1	5755	36.400	5736.760	5773.160	0.5	PASS
		5795	32.960	5777.880	5810.840	0.5	PASS
11AC80MIMO	Ant1	5775	76.000	5736.760	5812.760	0.5	PASS
11AX20MIMO	Ant1	5745	19.040	5735.440	5754.480	0.5	PASS
		5785	18.280	5776.000	5794.280	0.5	PASS
		5825	18.840	5815.480	5834.320	0.5	PASS
11AX40MIMO	Ant1	5755	29.120	5742.200	5771.320	0.5	PASS
		5795	36.880	5776.440	5813.320	0.5	PASS
11AX80MIMO	Ant1	5775	65.280	5744.120	5809.400	0.5	PASS

11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



11N20MIMO Ant1 5745



11N20MIMO Ant1 5785



11N20MIMO Ant1 5825



11N40MIMO Ant1 5755



11N40MIMO Ant1 5795



11AC20MIMO Ant1 5745



11AC20MIMO_Ant1_5785



11AC20MIMO_Ant1_5825



11AC40MIMO_Ant1_5755



11AC40MIMO_Ant1_5795



11AC80MIMO_Ant1_5775



11AX20MIMO_Ant1_5745



11AX20MIMO_Ant1_5785



11AX20MIMO_Ant1_5825



11AX40MIMO_Ant1_5755



11AX40MIMO_Ant1_5795



11AX80MIMO_Ant1_5775



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

Appendix A.6: Test Results of Radiated Spurious Emissions

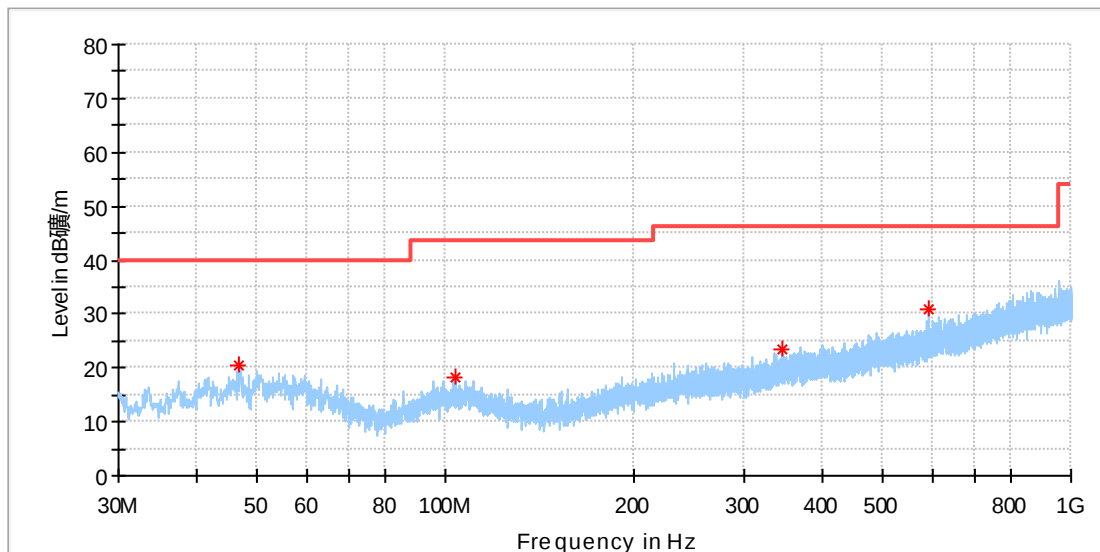
30MHz - 1GHz (Worst case)

5.2GHz Wi-Fi

Test Report

EUT Information

EUT Name:	DJI RC Plus
Model:	RM700
Test Mode:	WIFI 5G_11a_Ch36
Order No/Sample No:	168339184/A003151089-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
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)
46.878000	20.60	40.00	19.40	100.0	H	305.0	-18.5
103.720000	18.19	43.50	25.31	100.0	H	181.0	-18.8
346.026000	23.53	46.00	22.47	100.0	H	354.0	-14.8
594.055000	30.91	46.00	15.09	100.0	H	139.0	-10.0

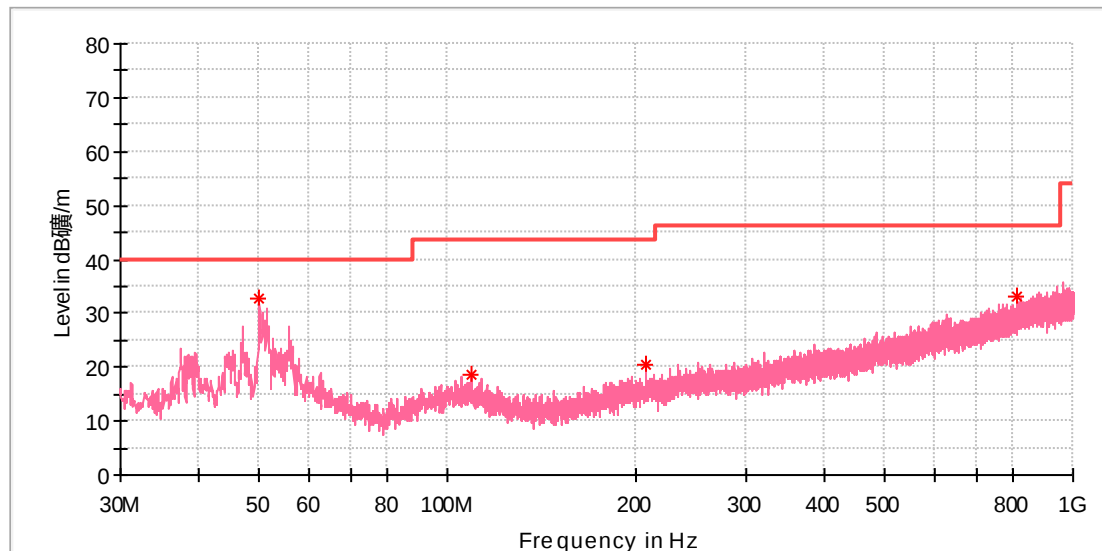
Final_Result

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

EUT Information

EUT Name: DJI RC Plus
Model: RM700
Test Mode: WIFI 5G_11a_Ch36
Order No/Sample No: 168339184/A003151089-004
Test Voltage: Battery
Remark: Temp 23 Humi:56%
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)
50.030500	32.93	40.00	7.07	100.0	V	145.0	-18.3
108.958000	18.57	43.50	24.93	100.0	V	101.0	-19.0
207.946500	20.36	43.50	23.14	100.0	V	330.0	-18.9
813.614500	32.94	46.00	13.06	100.0	V	189.0	-6.1

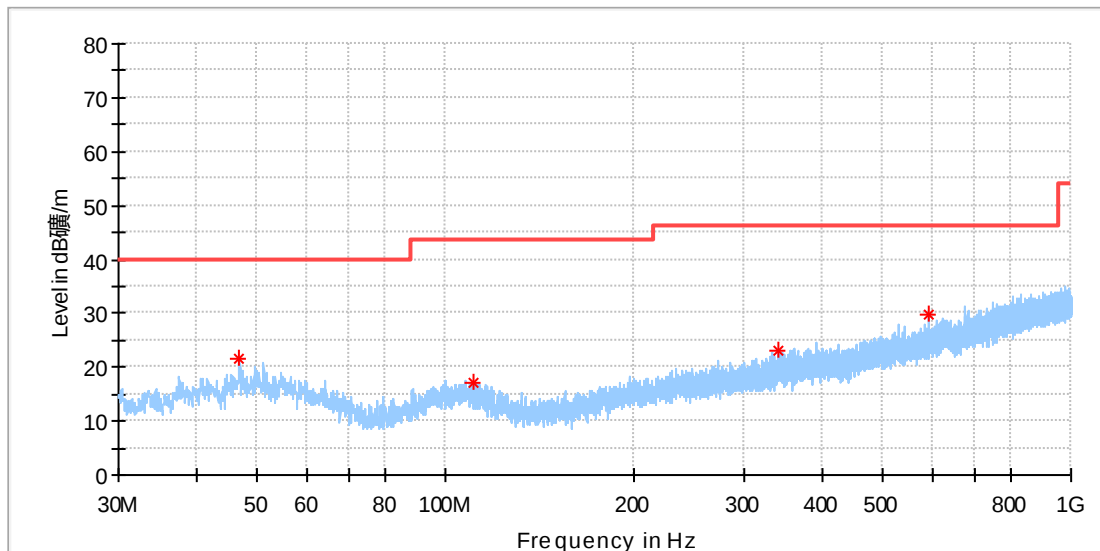
Final_Result

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

Test Report

EUT Information

EUT Name: DJI RC Plus
Model: RM700
Test Mode: WIFI 5G_11a_Ch48
Order No/Sample No: 168339184/A003151089-004
Test Voltage: Battery
Remark: Temp 23 Humi:56%
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)
46.878000	21.41	40.00	18.59	100.0	H	105.0	-18.5
111.043500	17.28	43.50	26.22	100.0	H	0.0	-19.2
339.284500	23.14	46.00	22.86	100.0	H	53.0	-15.0
594.152000	29.72	46.00	16.28	100.0	H	220.0	-10.0

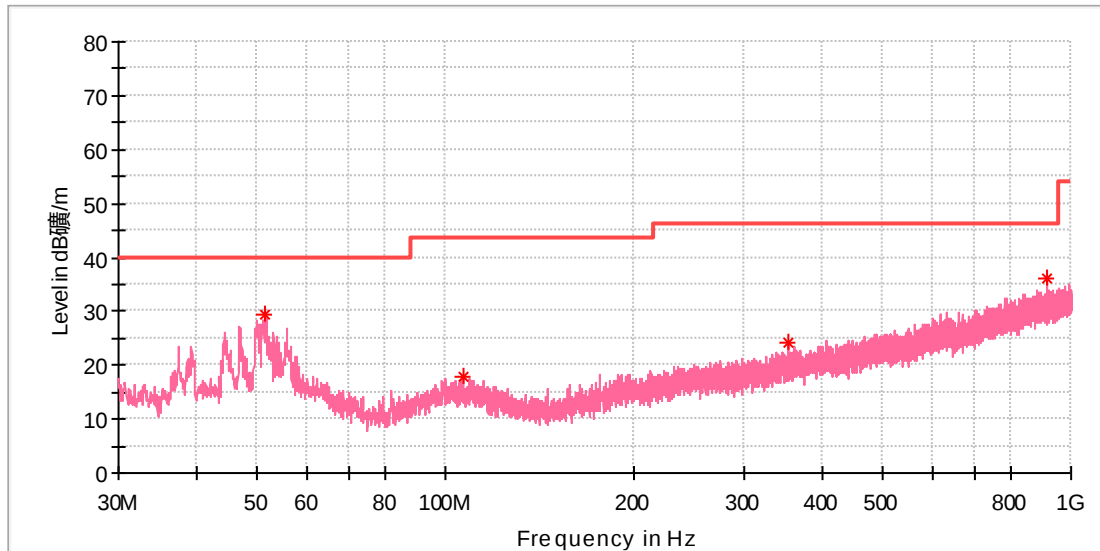
Final_Result

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

Test Report

EUT Information

EUT Name: DJI RC Plus
Model: RM700
Test Mode: WIFI 5G_11a_Ch48
Order No/Sample No: 168339184/A003151089-004
Test Voltage: Battery
Remark: Temp 23 Humi:56%
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)
51.340000	29.39	40.00	10.61	100.0	V	175.0	-18.3
106.436000	17.73	43.50	25.77	100.0	V	4.0	-18.8
352.137000	24.04	46.00	21.96	100.0	V	248.0	-14.7
915.707000	35.97	46.00	10.03	100.0	V	146.0	-4.9

Final_Result

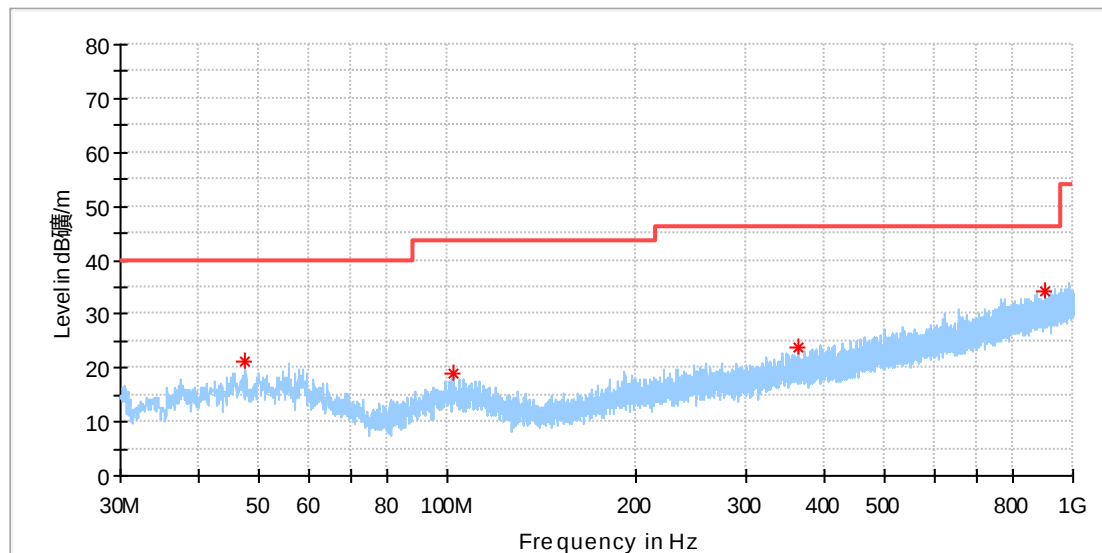
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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5.8GHz Wi-Fi

Test Report

EUT Information

EUT Name:	DJI RC Plus
Model:	RM700
Test Mode:	WIFI 5G_11a_Ch149
Order No/Sample No:	168339184/A003151089-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
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)
47.508500	21.23	40.00	18.77	100.0	H	176.0	-18.4
101.828500	19.15	43.50	24.35	100.0	H	0.0	-18.9
363.583000	24.00	46.00	22.00	100.0	H	155.0	-14.6
899.265500	34.17	46.00	11.83	100.0	H	39.0	-5.0

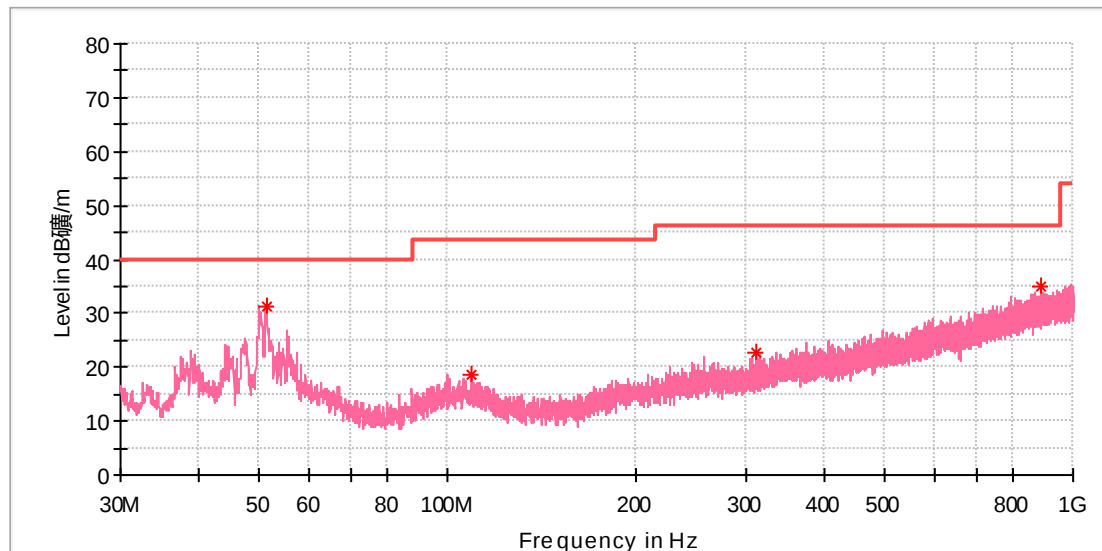
Final_Result

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

EUT Information

EUT Name: DJI RC Plus
Model: RM700
Test Mode: WIFI 5G_11a_Ch149
Order No/Sample No: 168339184/A003151089-004
Test Voltage: Battery
Remark: Temp 23 Humi:56%
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)
51.243000	31.14	40.00	8.86	100.0	V	226.0	-18.3
109.249000	18.62	43.50	24.88	100.0	V	51.0	-19.0
312.415500	22.79	46.00	23.21	100.0	V	347.0	-15.9
887.237500	35.00	46.00	11.00	100.0	V	85.0	-5.1

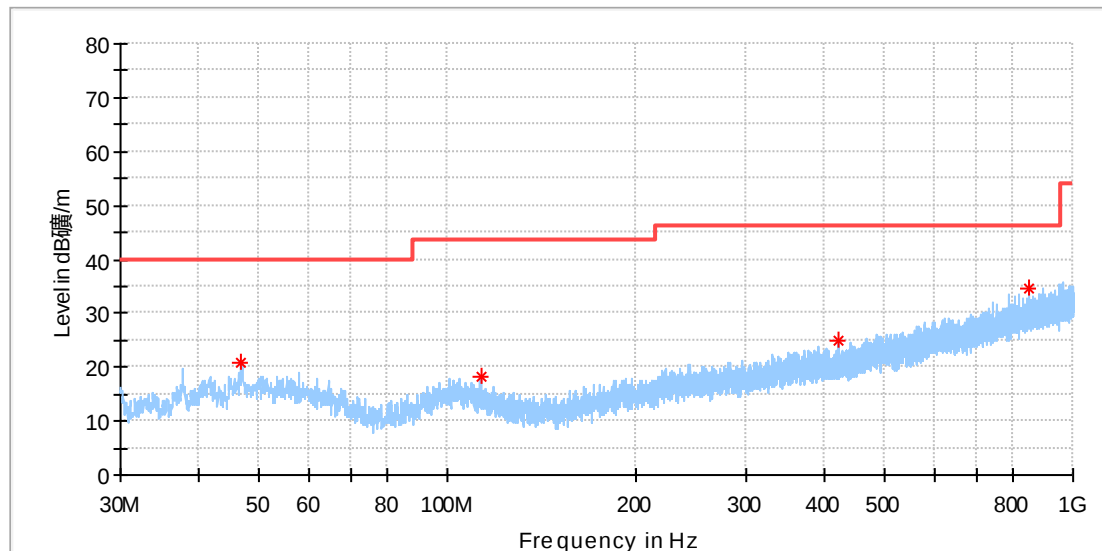
Final_Result

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

EUT Information

EUT Name: DJI RC Plus
Model: RM700
Test Mode: WIFI 5G_11a_Ch165
Order No/Sample No: 168339184/A003151089-004
Test Voltage: Battery
Remark: Temp 23 Humi:56%
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)
46.878000	20.81	40.00	19.19	100.0	H	358.0	-18.5
112.886500	18.14	43.50	25.36	100.0	H	139.0	-19.5
420.861500	24.95	46.00	21.05	100.0	H	28.0	-13.4
847.855500	34.47	46.00	11.53	100.0	H	182.0	-5.5

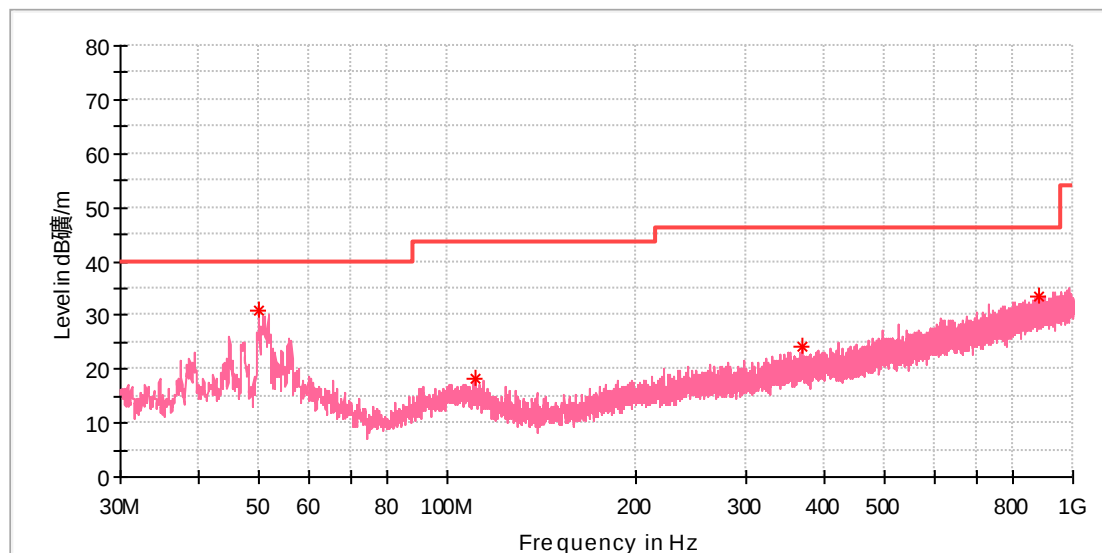
Final_Result

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

EUT Information

EUT Name: DJI RC Plus
Model: RM700
Test Mode: WIFI 5G_11a_Ch165
Order No/Sample No: 168339184/A003151089-004
Test Voltage: Battery
Remark: Temp 23 Humi:56%
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)
49.982000	30.84	40.00	9.16	100.0	V	301.0	-18.3
111.043500	18.06	43.50	25.44	100.0	V	53.0	-19.2
368.093500	24.06	46.00	21.94	100.0	V	301.0	-14.5
883.939500	33.61	46.00	12.39	100.0	V	320.0	-5.1

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

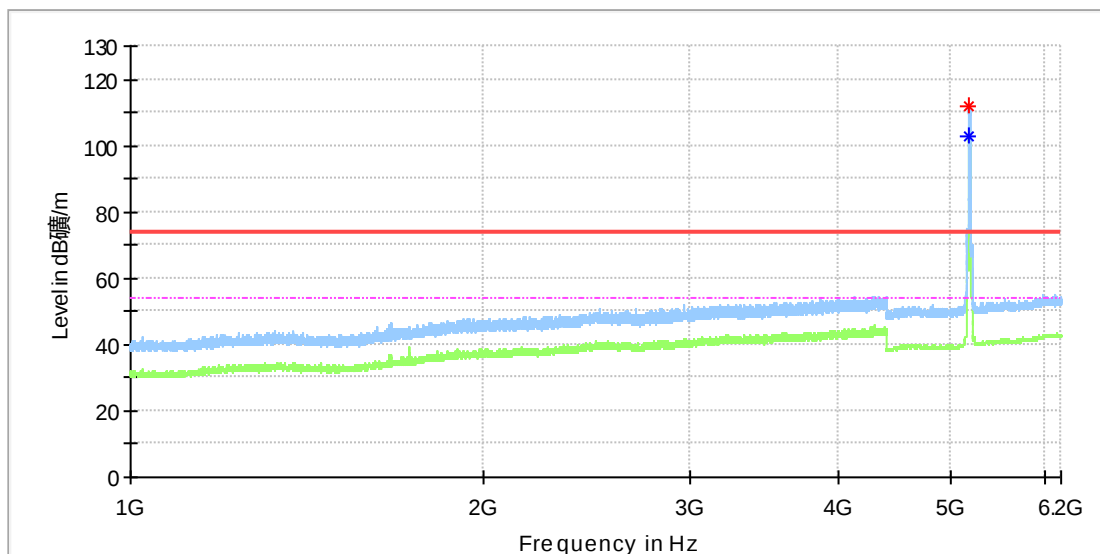
Note: The highest waveform in the figure is 5GHz Wi-Fi Fundamental.

5.2GHz Wi-Fi

Test Report

EUT Information

EUT Name:	DJI RC Plus
Model:	RM700
Test Mode:	WIFI 5G_11a_Ch36
Order No/Sample No:	168339184/A003151089-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
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)
5177.000000	111.80	---	---	---	100.0	H	70.0	12.5
5179.000000	---	102.53	---	---	100.0	H	70.0	12.6

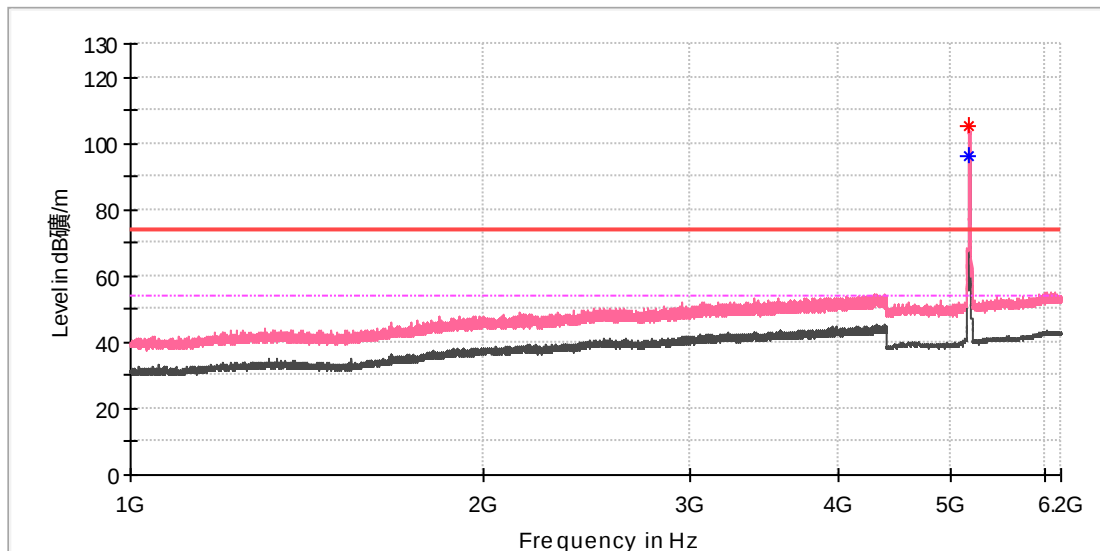
Final Result

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

EUT Information

EUT Name:	DJI RC Plus
Model:	RM700
Test Mode:	WIFI 5G_11a_Ch36
Order No/Sample No:	168339184/A003151089-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
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)
5176.000000	105.27	---	---	---	100.0	V	341.0	12.5
5179.000000	---	96.27	---	---	100.0	V	341.0	12.6

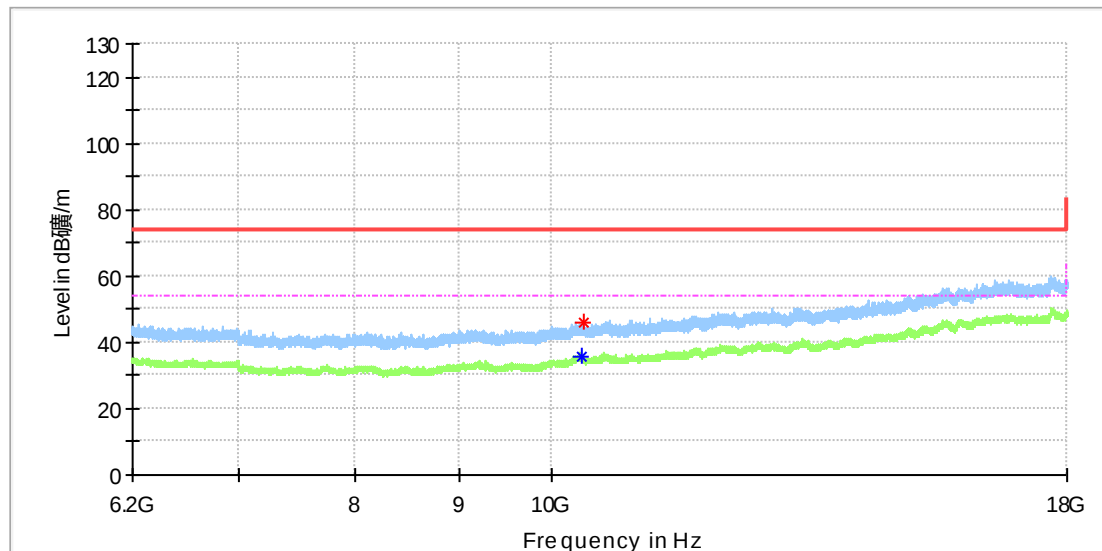
Final_Result

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

EUT Information

EUT Name:	DJI RC Plus
Model:	RM700
Test Mode:	WIFI 5G_11a_Ch36
Order No/Sample No:	168339184/A003151089-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
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)
10343.766667	---	35.97	54.00	18.03	100.0	H	354.0	11.7
10372.283333	45.93	---	74.00	28.07	100.0	H	325.0	11.8

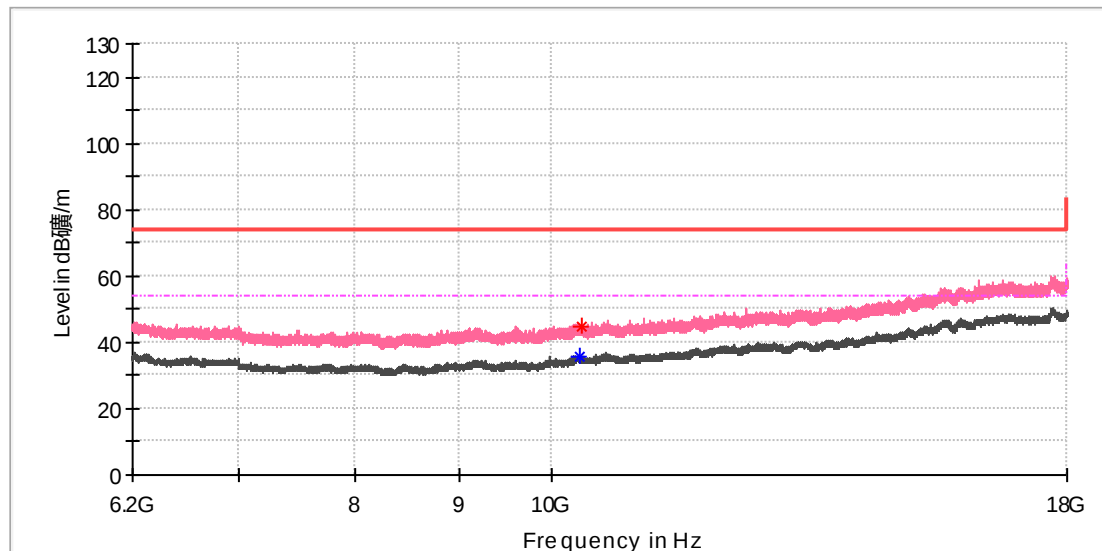
Final_Result

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

EUT Information

EUT Name: DJI RC Plus
Model: RM700
Test Mode: WIFI 5G_11a_Ch36
Order No/Sample No: 168339184/A003151089-004
Test Voltage: Battery
Remark: Temp 23 Humi:56%
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)
10325.575000	---	35.71	54.00	18.29	100.0	V	163.0	11.7
10343.766667	44.92	---	74.00	29.08	100.0	V	5.0	11.7

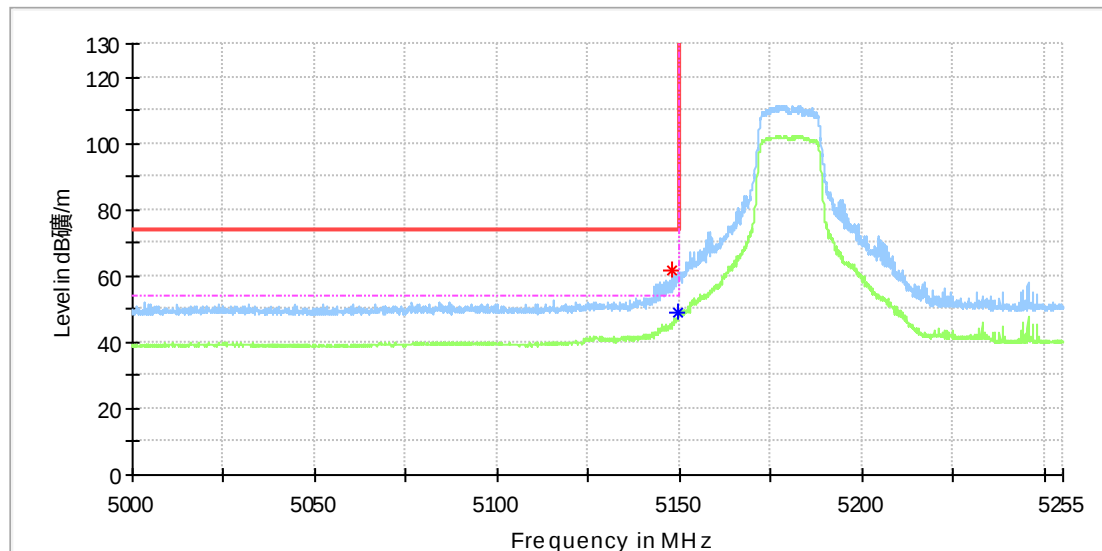
Final_Result

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

EUT Information

EUT Name:	DJI RC Plus
Model:	RM700
Test Mode:	WIFI 5G_11a_Ch36
Order No/Sample No:	168339184/A003151089-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
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)
5147.900000	61.56	---	74.00	12.44	100.0	H	81.0	12.4
5149.670833	---	48.81	54.00	5.19	100.0	H	81.0	12.4

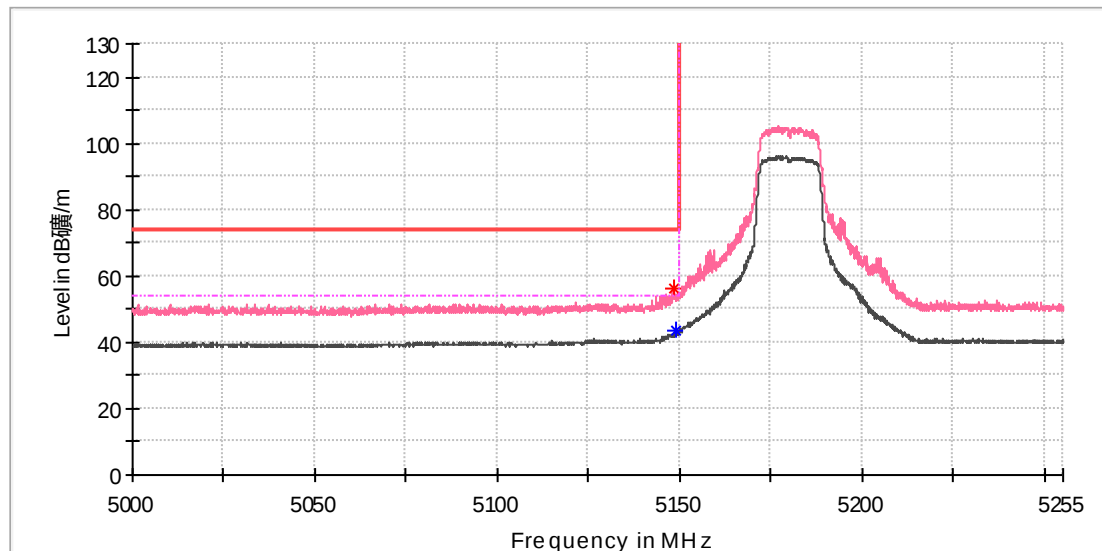
Final_Result

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

EUT Information

EUT Name:	DJI RC Plus
Model:	RM700
Test Mode:	WIFI 5G_11a_Ch36
Order No/Sample No:	168339184/A003151089-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
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)
5148.395833	56.07	---	74.00	17.93	100.0	V	358.0	12.4
5148.891667	---	43.27	54.00	10.73	100.0	V	0.0	12.4

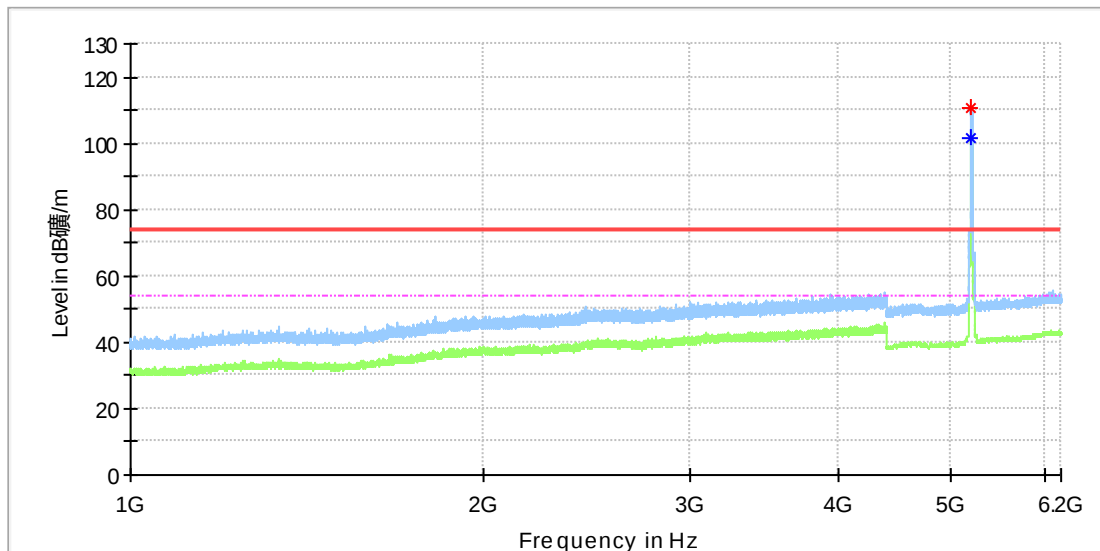
Final_Result

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

EUT Information

EUT Name: DJI RC Plus
Model: RM700
Test Mode: WIFI 5G_11a_Ch40
Order No/Sample No: 168339184/A003151089-004
Test Voltage: Battery
Remark: Temp 23 Humi:56%
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)
5197.500000	---	101.80	---	---	100.0	H	97.0	12.6
5199.000000	110.61	---	---	---	100.0	H	97.0	12.6

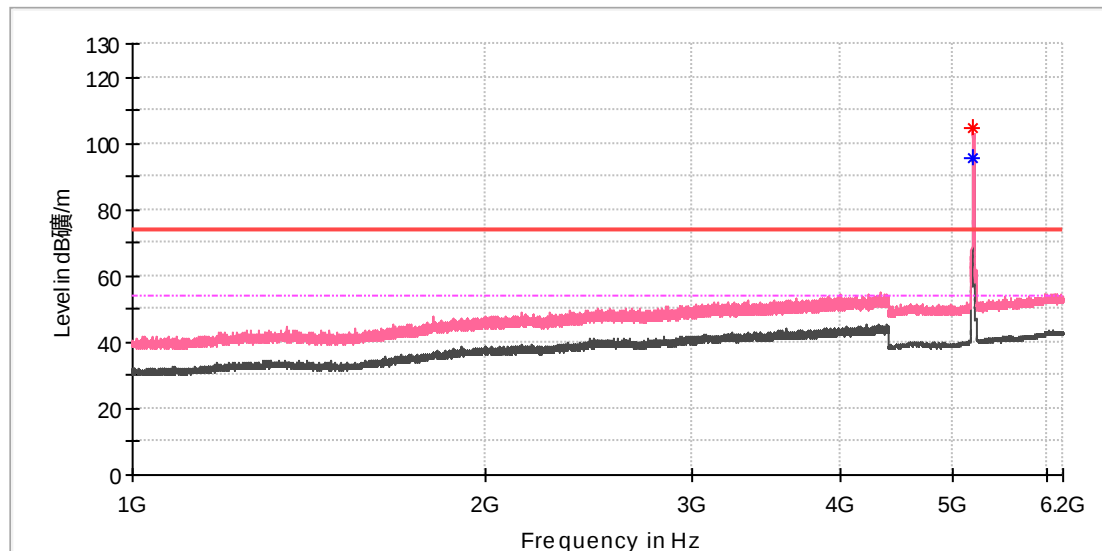
Final_Result

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

EUT Information

EUT Name: DJI RC Plus
Model: RM700
Test Mode: WIFI 5G_11a_Ch40
Order No/Sample No: 168339184/A003151089-004
Test Voltage: Battery
Remark: Temp 23 Humi:56%
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)
5197.000000	---	95.45	---	---	100.0	V	351.0	12.6
5199.000000	104.64	---	---	---	100.0	V	351.0	12.6

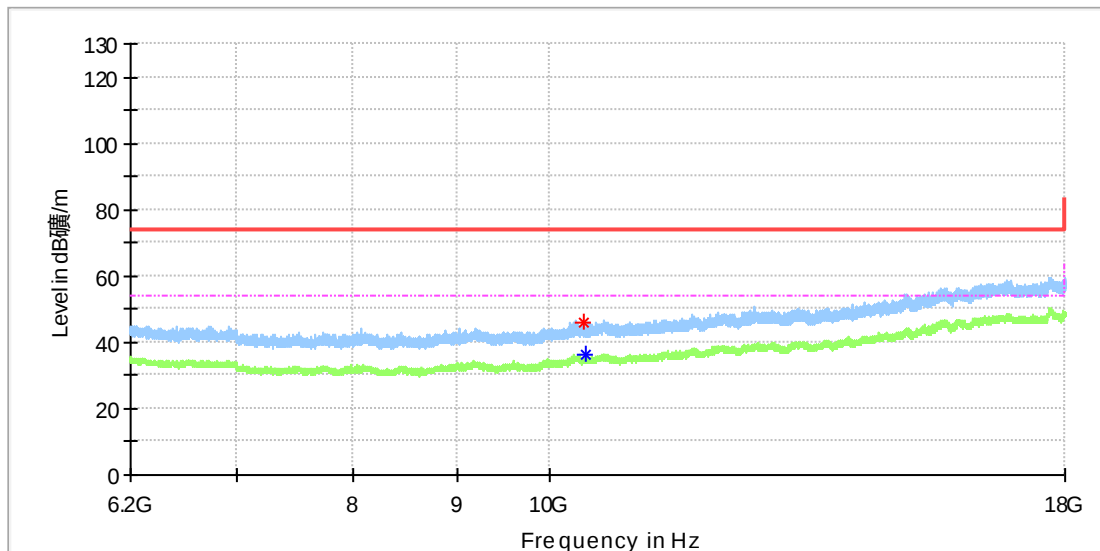
Final_Result

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

EUT Information

EUT Name:	DJI RC Plus
Model:	RM700
Test Mode:	WIFI 5G_11a_Ch40
Order No/Sample No:	168339184/A003151089-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
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)
10408.175000	45.69	---	74.00	28.31	100.0	H	77.0	11.9
10418.500000	---	35.99	54.00	18.01	100.0	H	162.0	11.9

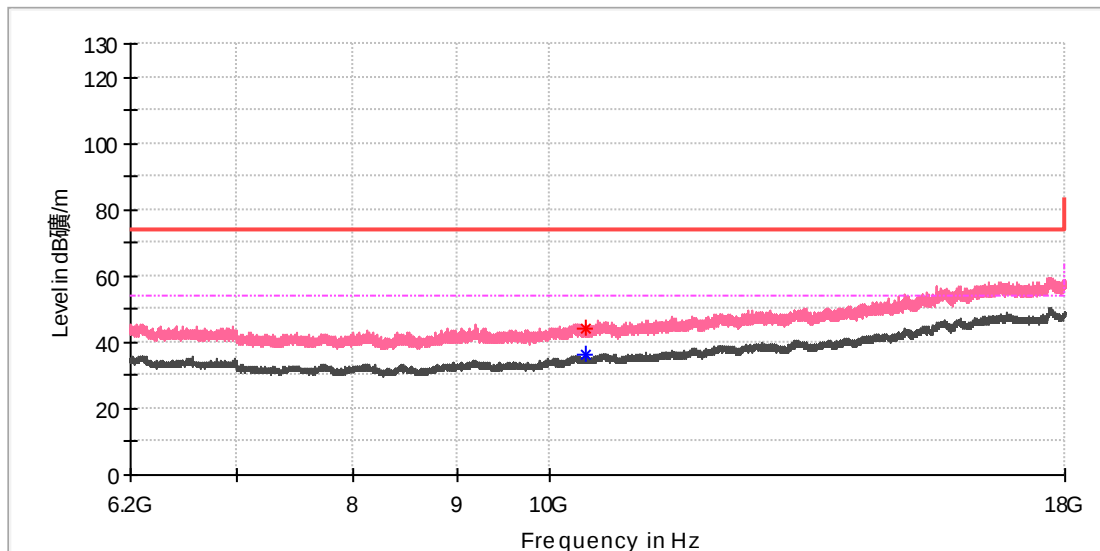
Final_Result

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

EUT Information

EUT Name:	DJI RC Plus
Model:	RM700
Test Mode:	WIFI 5G_11a_Ch40
Order No/Sample No:	168339184/A003151089-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
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)
10408.666667	---	36.17	54.00	17.83	100.0	V	194.0	11.9
10417.516667	44.27	---	74.00	29.73	100.0	V	138.0	11.9

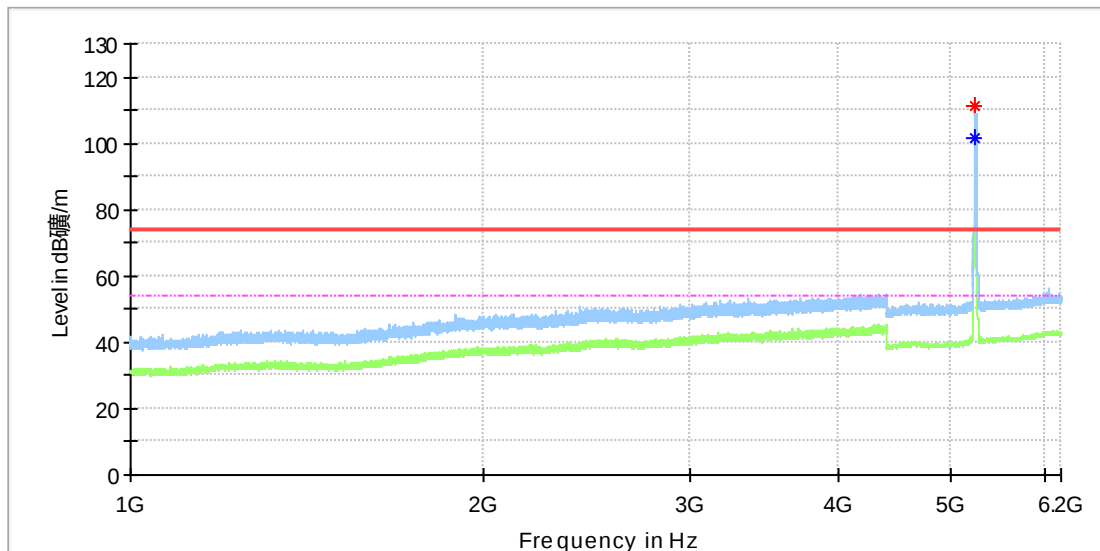
Final_Result

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

EUT Information

EUT Name: DJI RC Plus
Model: RM700
Test Mode: WIFI 5G_11a_Ch48
Order No/Sample No: 168339184/A003151089-004
Test Voltage: Battery
Remark: Temp 23 Humi:56%
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)
5238.500000	111.27	---	---	---	100.0	H	87.0	12.8
5239.000000	---	101.57	---	---	100.0	H	87.0	12.8

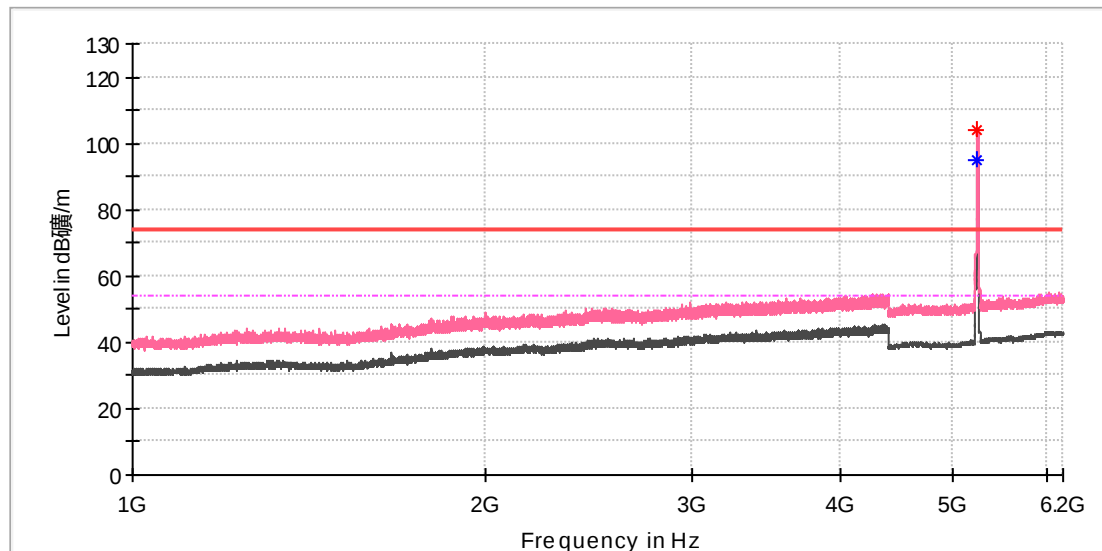
Final_Result

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

EUT Information

EUT Name:	DJI RC Plus
Model:	RM700
Test Mode:	WIFI 5G_11a_Ch48
Order No/Sample No:	168339184/A003151089-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
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)
5235.500000	---	94.83	---	---	100.0	V	352.0	12.8
5236.500000	103.77	---	---	---	100.0	V	352.0	12.8

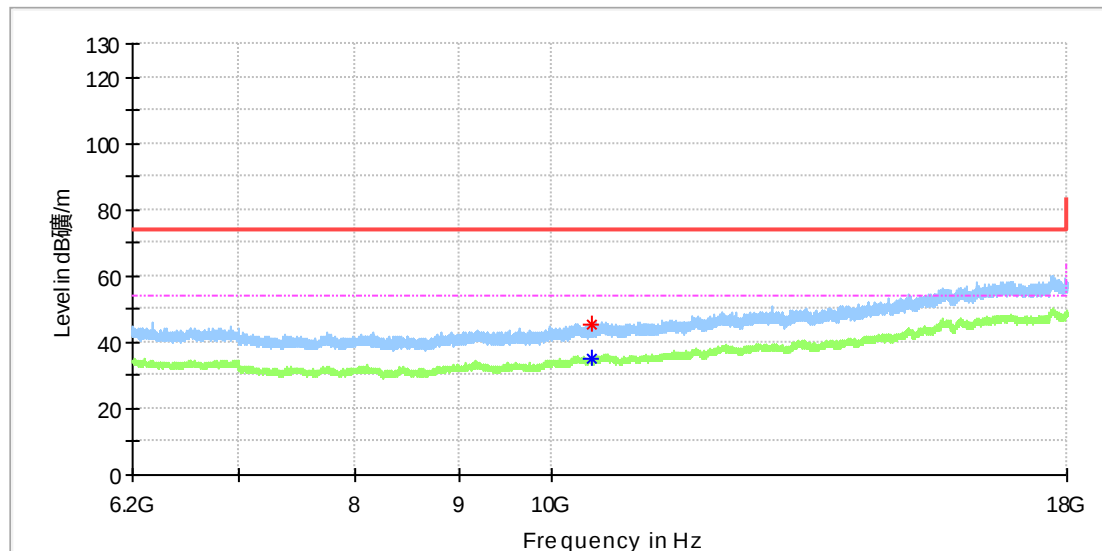
Final_Result

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

EUT Information

EUT Name:	DJI RC Plus
Model:	RM700
Test Mode:	WIFI 5G_11a_Ch48
Order No/Sample No:	168339184/A003151089-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
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)
10467.175000	45.40	---	74.00	28.60	100.0	H	245.0	12.0
10474.058333	---	35.07	54.00	18.93	100.0	H	154.0	12.0

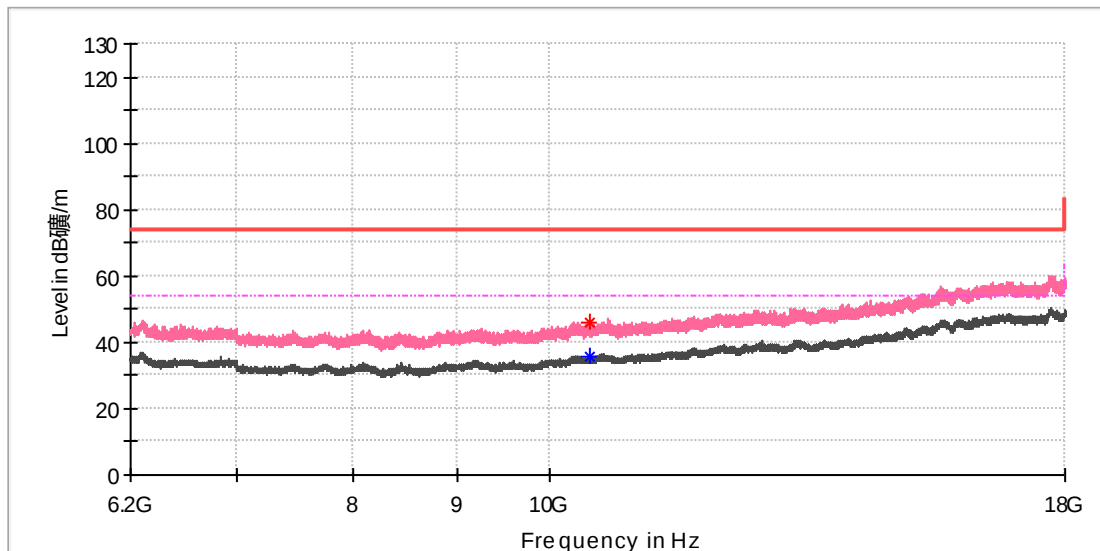
Final_Result

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

Test Report

EUT Information

EUT Name:	DJI RC Plus
Model:	RM700
Test Mode:	WIFI 5G_11a_Ch48
Order No/Sample No:	168339184/A003151089-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
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)
10456.358333	---	35.38	54.00	18.62	100.0	V	51.0	12.0
10471.108333	45.84	---	74.00	28.16	100.0	V	145.0	12.0

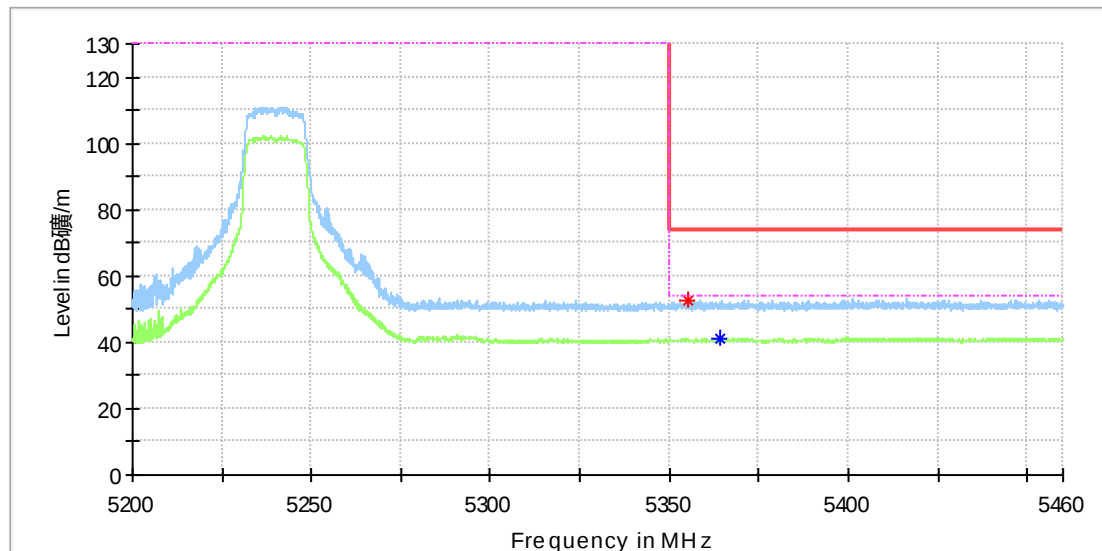
Final_Result

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

Test Report

EUT Information

EUT Name:	DJI RC Plus
Model:	RM700
Test Mode:	WIFI 5G_11a_Ch48
Order No/Sample No:	168339184/A003151089-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
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)
5355.277778	52.54	---	74.00	21.46	100.0	H	13.0	13.3
5364.450000	---	41.13	54.00	12.87	100.0	H	0.0	13.3

Final_Result

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