

Appendix A: Test Results of 2.4GHz SDR

APPENDIX A: TEST RESULTS OF 2.4GHZ SDR	1
APPENDIX A.1: TEST RESULTS OF CONDUCTED POWER SPECTRAL DENSITY	2
2.4GHz SDR, 1.4MHz BW	2
2.4GHz SDR, 1.4MHz BW CA mode.....	5
2.4GHz SDR, 3MHz BW	8
2.4GHz SDR, 3MHz BW CA mode.....	11
2.4GHz SDR, 10MHz BW	14
2.4GHz SDR, 20MHz BW	17
2.4GHz SDR, 40MHz BW	20
APPENDIX A.2: TEST RESULTS OF 6dB BANDWIDTH	23
2.4GHz SDR, 1.4MHz BW	23
2.4GHz SDR, 1.4MHz BW CA mode.....	25
2.4GHz SDR, 3MHz BW	27
2.4GHz SDR, 3MHz BW CA mode.....	29
2.4GHz SDR, 10MHz BW	31
2.4GHz SDR, 20MHz BW	33
2.4GHz SDR, 40MHz BW	35
APPENDIX A.3: TEST RESULTS OF 99% BANDWIDTH	37
2.4GHz SDR, 1.4MHz BW	37
2.4GHz SDR, 1.4MHz BW CA mode.....	39
2.4GHz SDR, 3MHz BW	41
2.4GHz SDR, 3MHz BW CA mode.....	43
2.4GHz SDR, 10MHz BW	45
2.4GHz SDR, 20MHz BW	47
2.4GHz SDR, 40MHz BW	49
APPENDIX A.4: TEST RESULTS OF CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100 KHz BANDWIDTH	51
Bandedge.....	51
Conducted Spurious Emission.....	58
APPENDIX A.5: TEST RESULTS OF RADIATED SPURIOUS EMISSIONS	86
30MHz - 1GHz	86
1GHz - 18GHz	88
APPENDIX A.6: TEST RESULTS OF RADIATED EMISSIONS IN RESTRICTED BANDS	108
2.4GHz SDR, 1.4MHz BW	108
2.4GHz SDR, 3MHz BW	112
2.4GHz SDR, 10MHz BW	116
2.4GHz SDR, 20MHz BW	122
2.4GHz SDR, 40MHz BW	128
APPENDIX A.7: TEST RESULTS OF CONDUCTED EMISSION ON AC MAINS	132

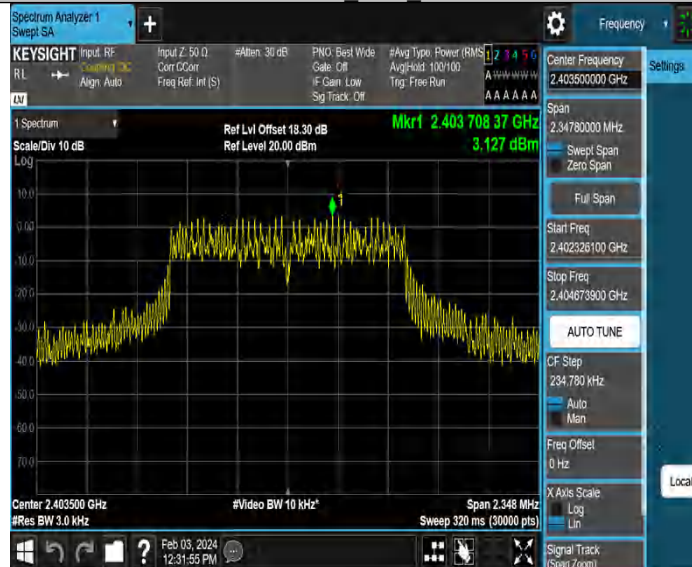
Appendix A.1: Test Results of Conducted Power Spectral Density

Note: Only the worst case (MIMO mode ANT0+3) was presented in this report.

2.4GHz SDR, 1.4MHz BW

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
1.4M MIMO	Ant0	2403.5	3.13	≤8.00	PASS
	Ant3	2403.5	5.13	≤8.00	PASS
	total	2403.5	7.25	≤8.00	PASS
	Ant0	2435.5	3.96	≤8.00	PASS
	Ant3	2435.5	5.32	≤8.00	PASS
	total	2435.5	7.7	≤8.00	PASS
	Ant0	2469.5	3.99	≤8.00	PASS
	Ant3	2469.5	4.91	≤8.00	PASS
	total	2469.5	7.48	≤8.00	PASS

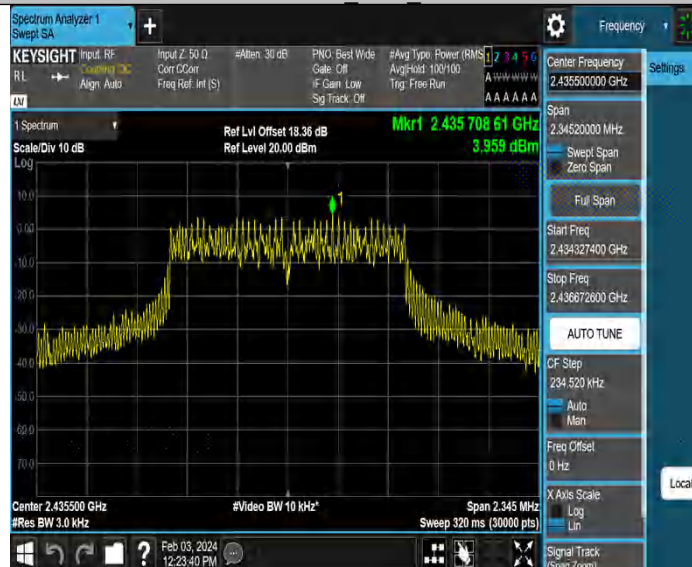
1.4M MIMO Ant0 2403.5



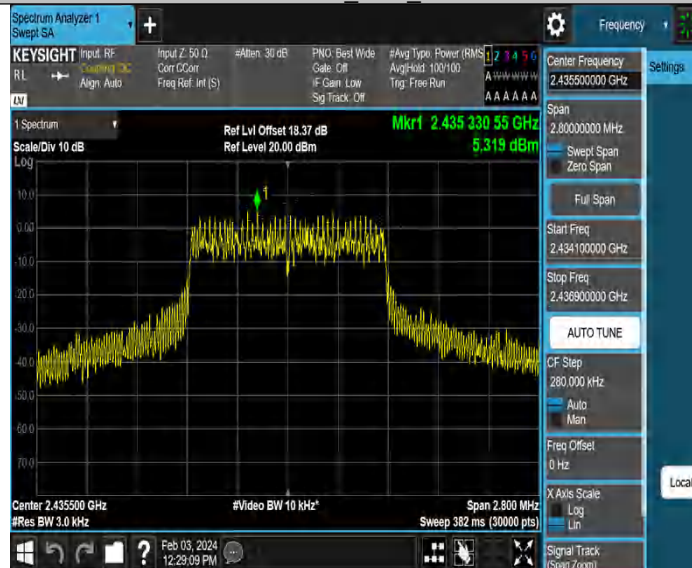
1.4M MIMO Ant3 2403.5



1.4M MIMO Ant0 2435.5



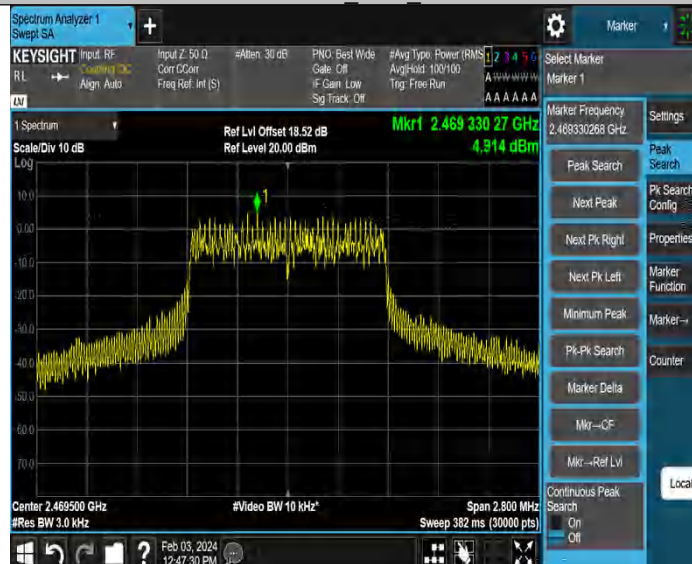
1.4M MIMO Ant3 2435.5



1.4M MIMO Ant0 2469.5



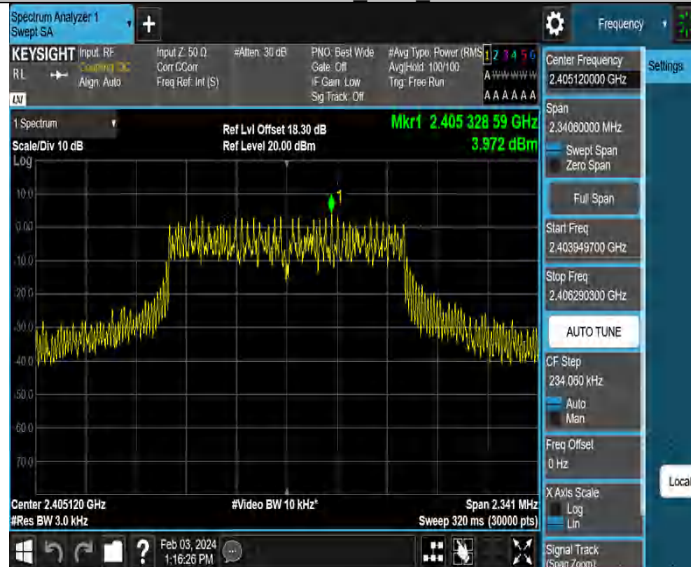
1.4M MIMO Ant3 2469.5



2.4GHz SDR, 1.4MHz BW CA mode

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
1.4MCA MIMO	Ant0	2405.12	3.97	≤8.00	PASS
	Ant3	2405.12	5.32	≤8.00	PASS
	total	2405.12	7.71	≤8.00	PASS
	Ant0	2437.12	4.24	≤8.00	PASS
	Ant3	2437.12	5.22	≤8.00	PASS
	total	2437.12	7.78	≤8.00	PASS
	Ant0	2471.12	3.32	≤8.00	PASS
	Ant3	2471.12	5.51	≤8.00	PASS
	total	2471.12	7.56	≤8.00	PASS

1.4MCA MIMO Ant0 2405.12



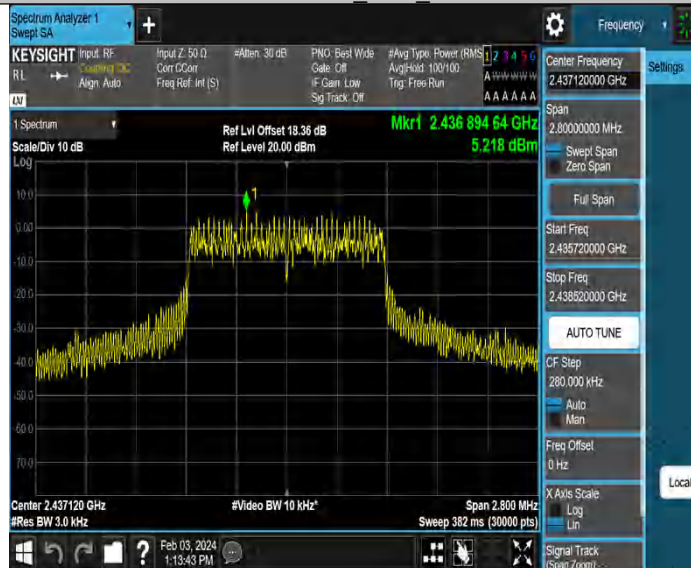
1.4MCA MIMO Ant3 2405.12



1.4MCA MIMO Ant0 2437.12



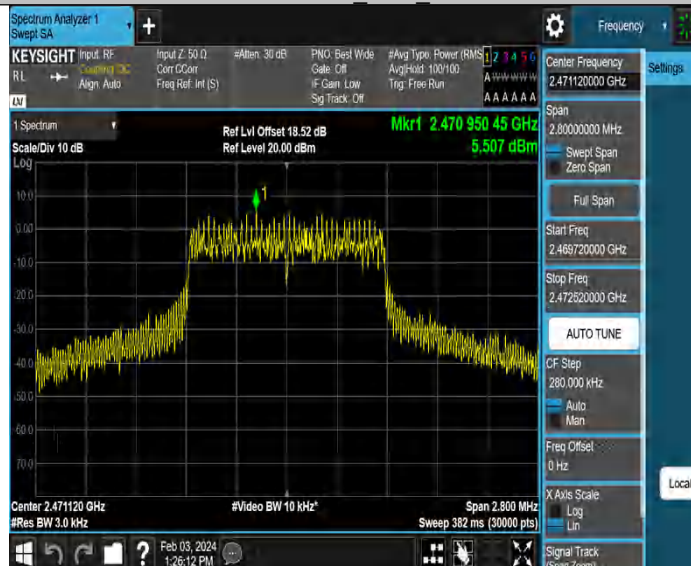
1.4MCA MIMO Ant3 2437.12



1.4MCA MIMO Ant0 2471.12



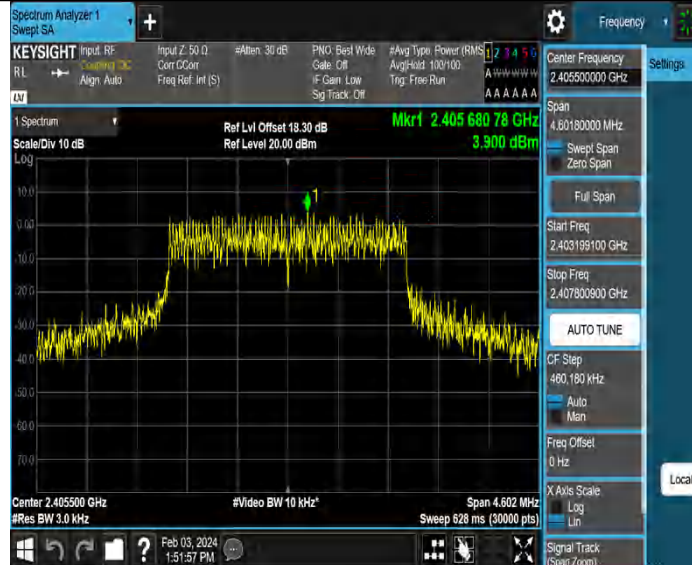
1.4MCA MIMO Ant3 2471.12



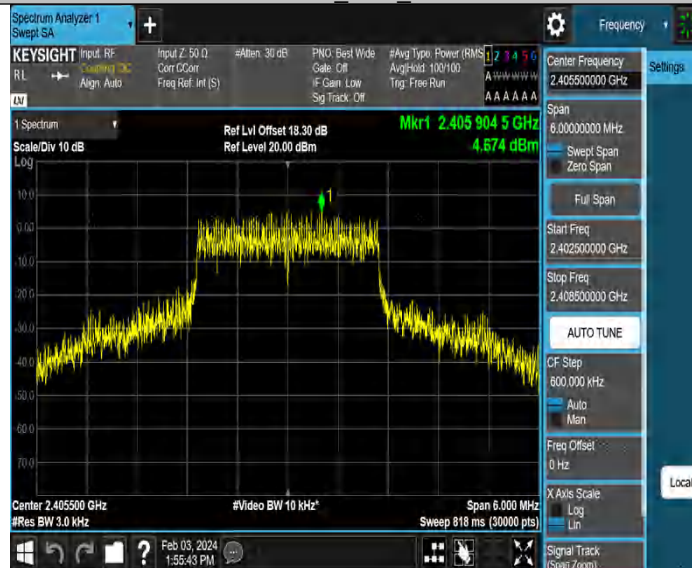
2.4GHz SDR, 3MHz BW

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
3M MIMO	Ant0	2405.5	3.90	≤8.00	PASS
	Ant3	2405.5	4.67	≤8.00	PASS
	total	2405.5	7.31	≤8.00	PASS
	Ant0	2435.5	4.62	≤8.00	PASS
	Ant3	2435.5	4.90	≤8.00	PASS
	total	2435.5	7.77	≤8.00	PASS
	Ant0	2468.5	4.17	≤8.00	PASS
	Ant3	2468.5	5.10	≤8.00	PASS
	total	2468.5	7.67	≤8.00	PASS

3M MIMO_Ant0_2405.5



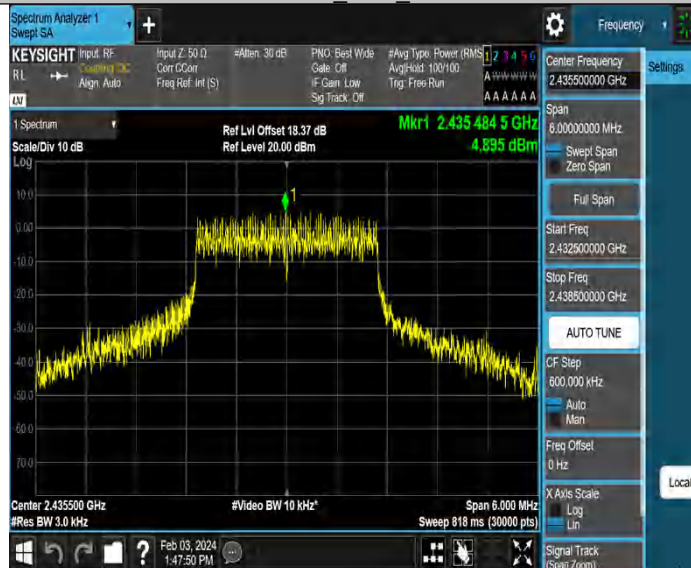
3M MIMO_Ant3_2405.5



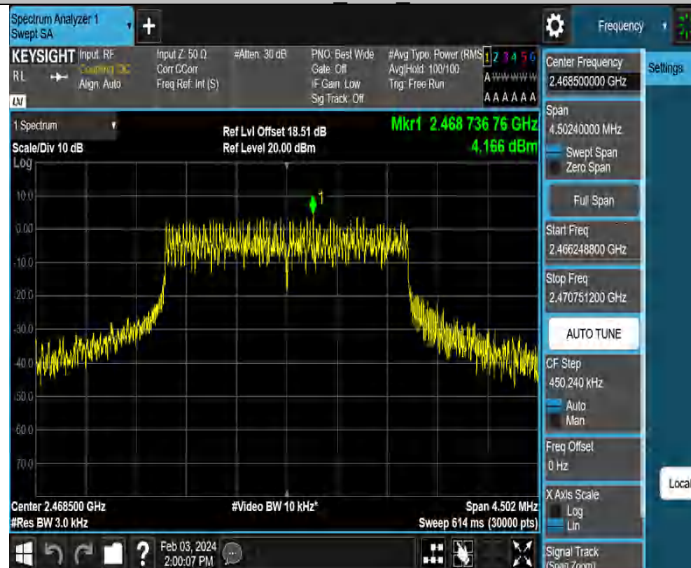
3M MIMO_Ant0_2435.5



3M MIMO_Ant3_2435.5



3M MIMO_Ant0_2468.5



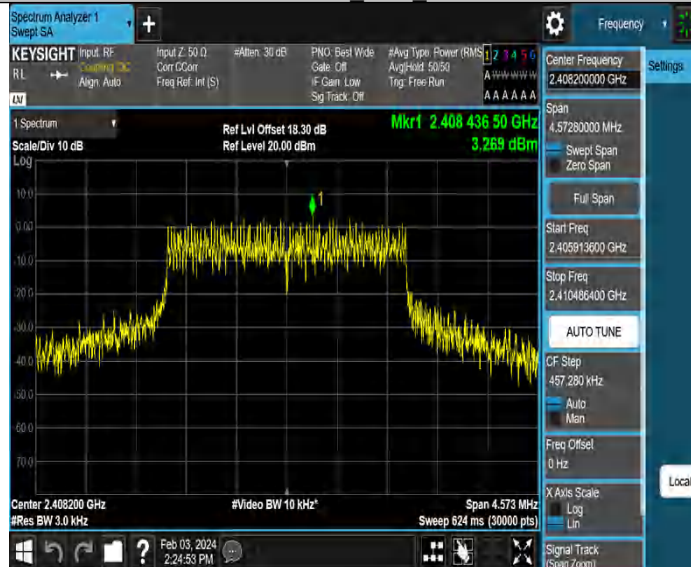
3M MIMO_Ant3_2468.5



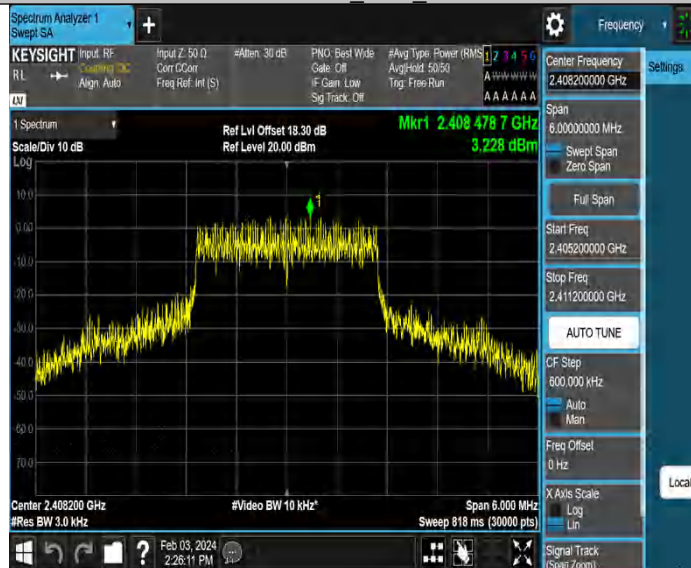
2.4GHz SDR, 3MHz BW CA mode

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
3MCA MIMO	Ant0	2408.2	3.27	≤8.00	PASS
	Ant3	2408.2	3.23	≤8.00	PASS
	total	2408.2	6.26	≤8.00	PASS
	Ant0	2438.2	5.03	≤8.00	PASS
	Ant3	2438.2	4.59	≤8.00	PASS
	total	2438.2	7.83	≤8.00	PASS
	Ant0	2471.2	2.11	≤8.00	PASS
	Ant3	2471.2	1.46	≤8.00	PASS
	total	2471.2	4.81	≤8.00	PASS

3MCA MIMO_Ant0_2408.2



3MCA MIMO_Ant3_2408.2



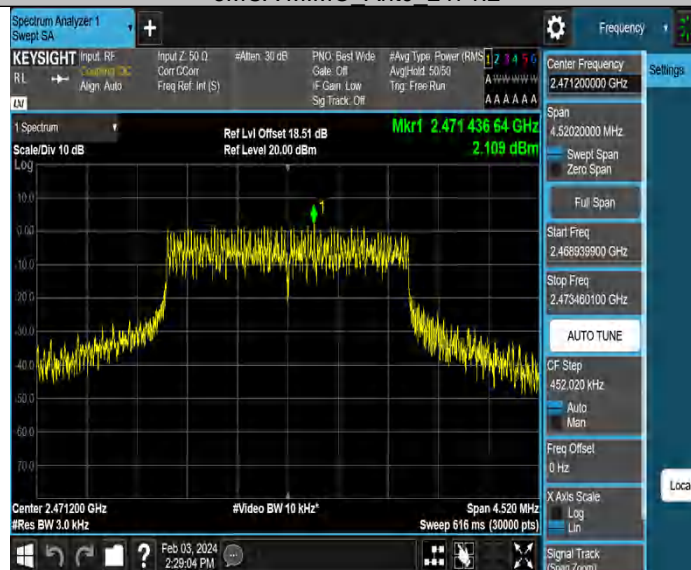
3MCA MIMO_Ant0_2438.2



3MCA MIMO_Ant3_2438.2



3MCA MIMO_Ant0_2471.2



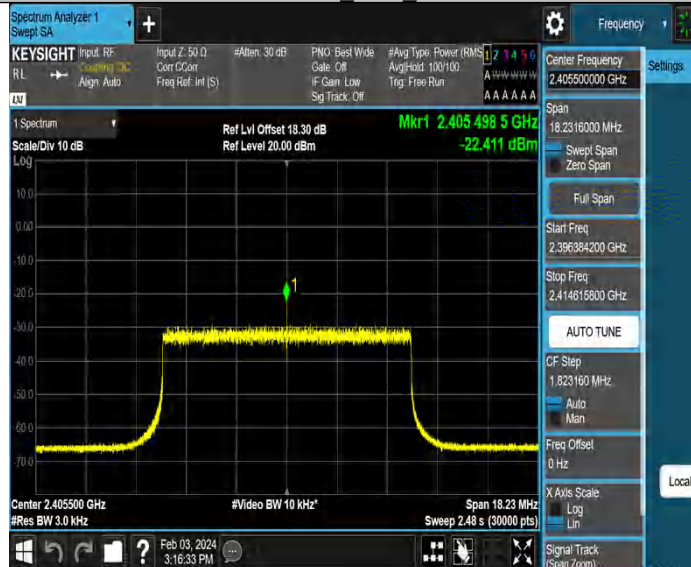
3MCA MIMO_Ant3_2471.2



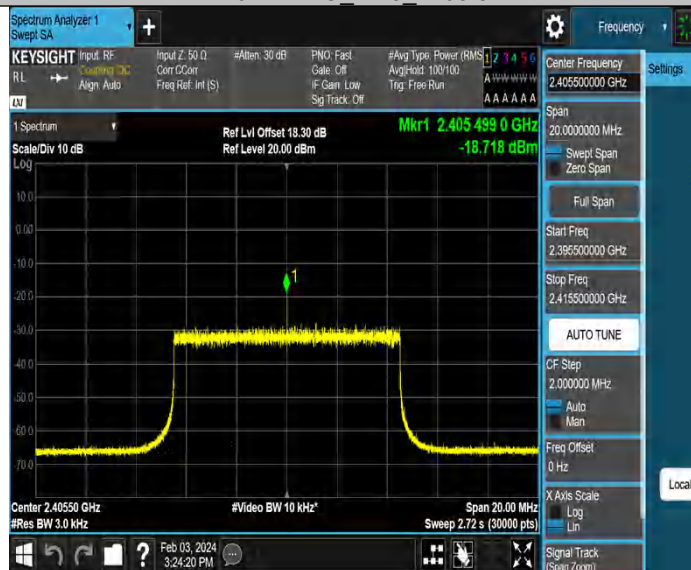
2.4GHz SDR, 10MHz BW

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
10M MIMO	Ant0	2405.5	-22.41	≤8.00	PASS
	Ant3	2405.5	-18.72	≤8.00	PASS
	total	2405.5	-17.17	≤8.00	PASS
	Ant0	2441.5	-17.98	≤8.00	PASS
	Ant3	2441.5	-16.43	≤8.00	PASS
	total	2441.5	-14.13	≤8.00	PASS
	Ant0	2477.5	-30.01	≤8.00	PASS
	Ant3	2477.5	-28.68	≤8.00	PASS
	total	2477.5	-26.28	≤8.00	PASS

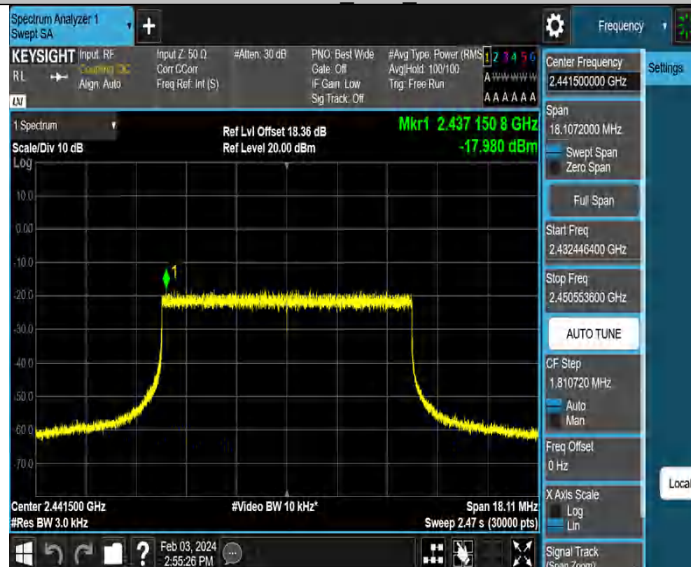
10M MIMO Ant0 2405.5



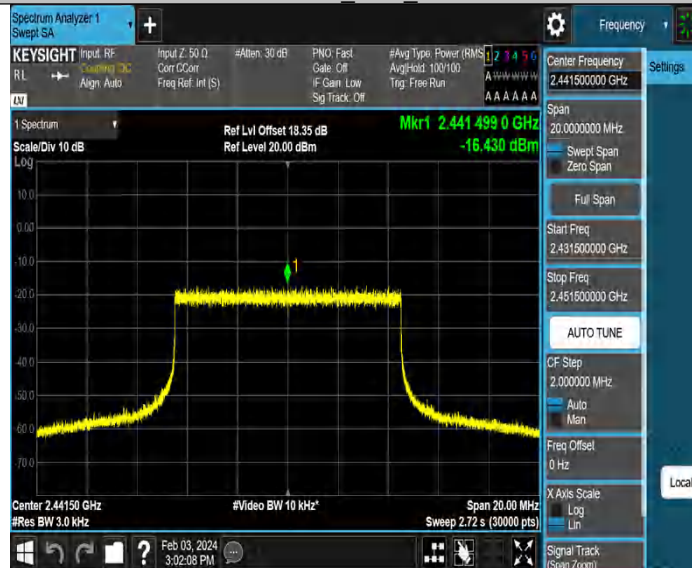
10M MIMO Ant3 2405.5



10M MIMO Ant0 2441.5



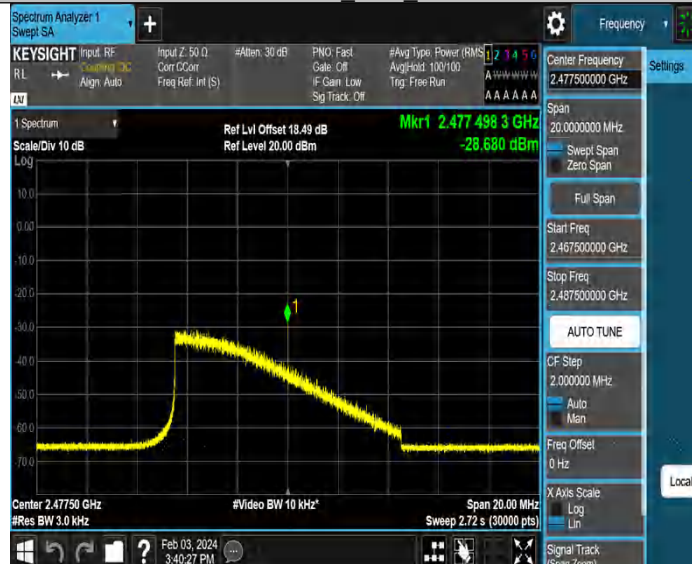
10M MIMO Ant3 2441.5



10M MIMO Ant0 2477.5



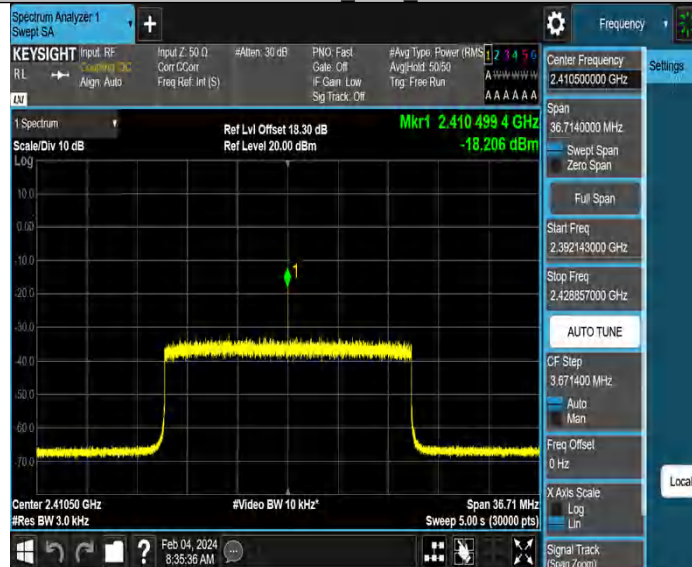
10M MIMO Ant3 2477.5



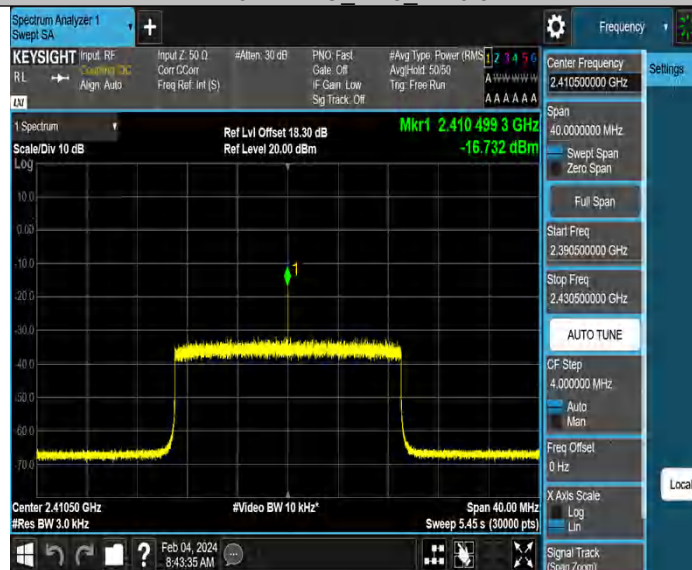
2.4GHz SDR, 20MHz BW

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
20M MIMO	Ant0	2410.5	-18.21	≤8.00	PASS
	Ant3	2410.5	-16.73	≤8.00	PASS
	total	2410.5	-14.4	≤8.00	PASS
	Ant0	2441.5	-19.11	≤8.00	PASS
	Ant3	2441.5	-19.40	≤8.00	PASS
	total	2441.5	-16.24	≤8.00	PASS
	Ant0	2472.5	-21.12	≤8.00	PASS
	Ant3	2472.5	-19.52	≤8.00	PASS
	total	2472.5	-17.24	≤8.00	PASS

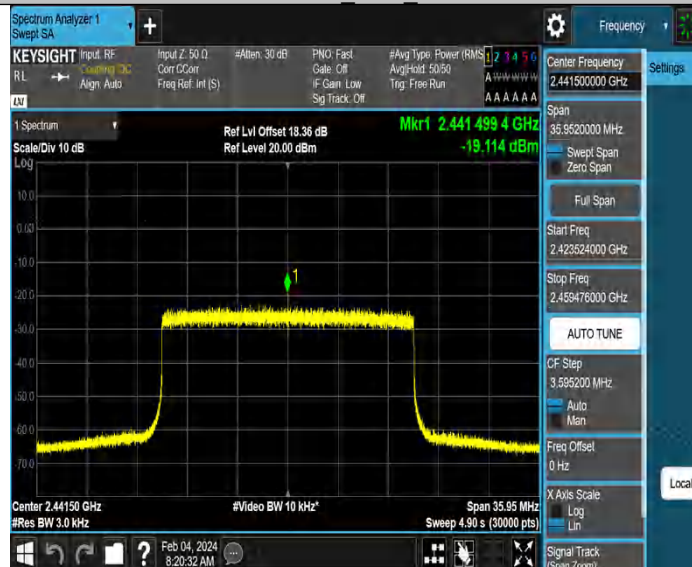
20M MIMO Ant0 2410.5

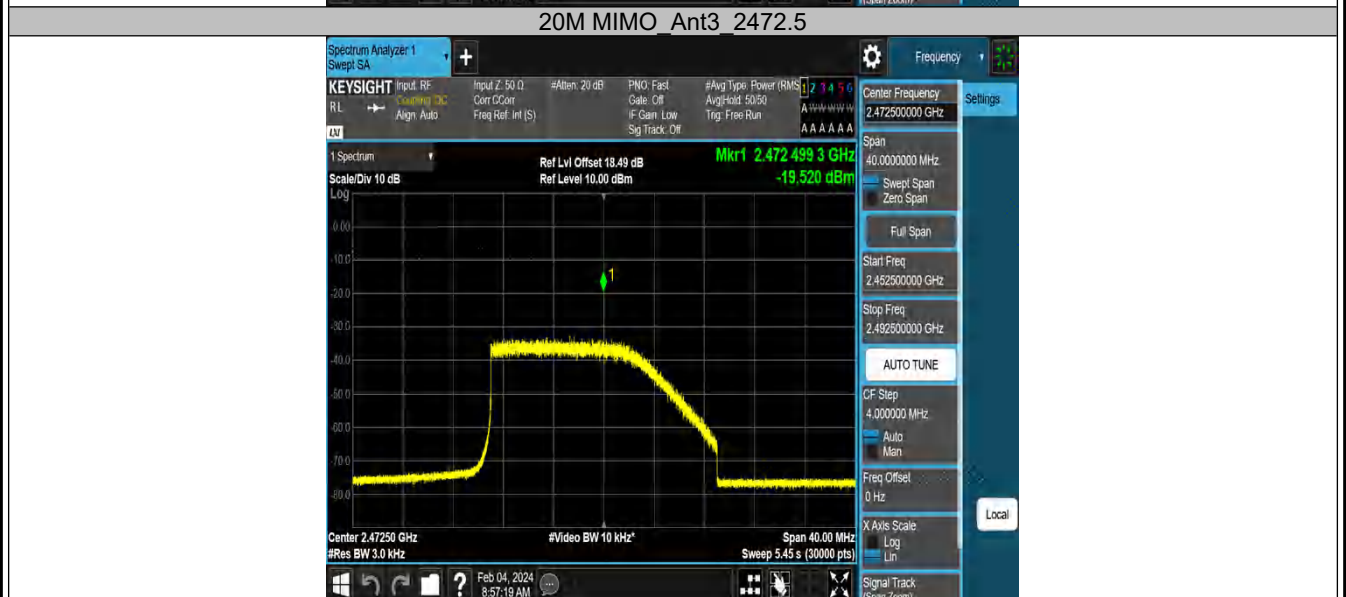
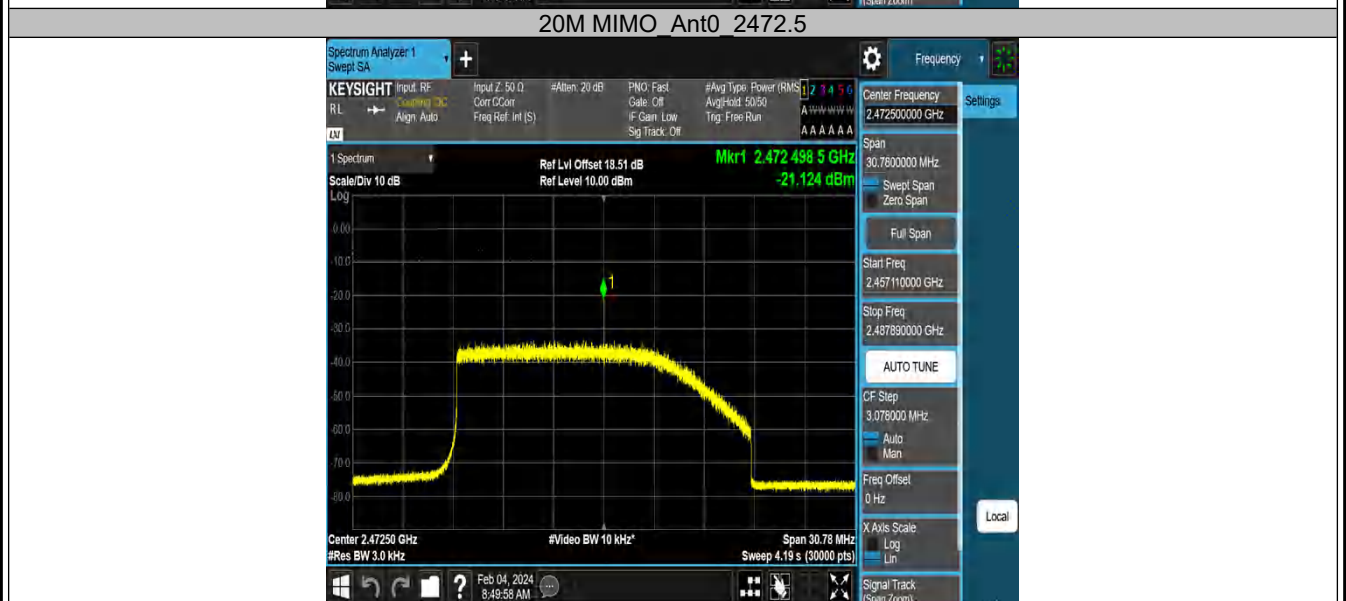
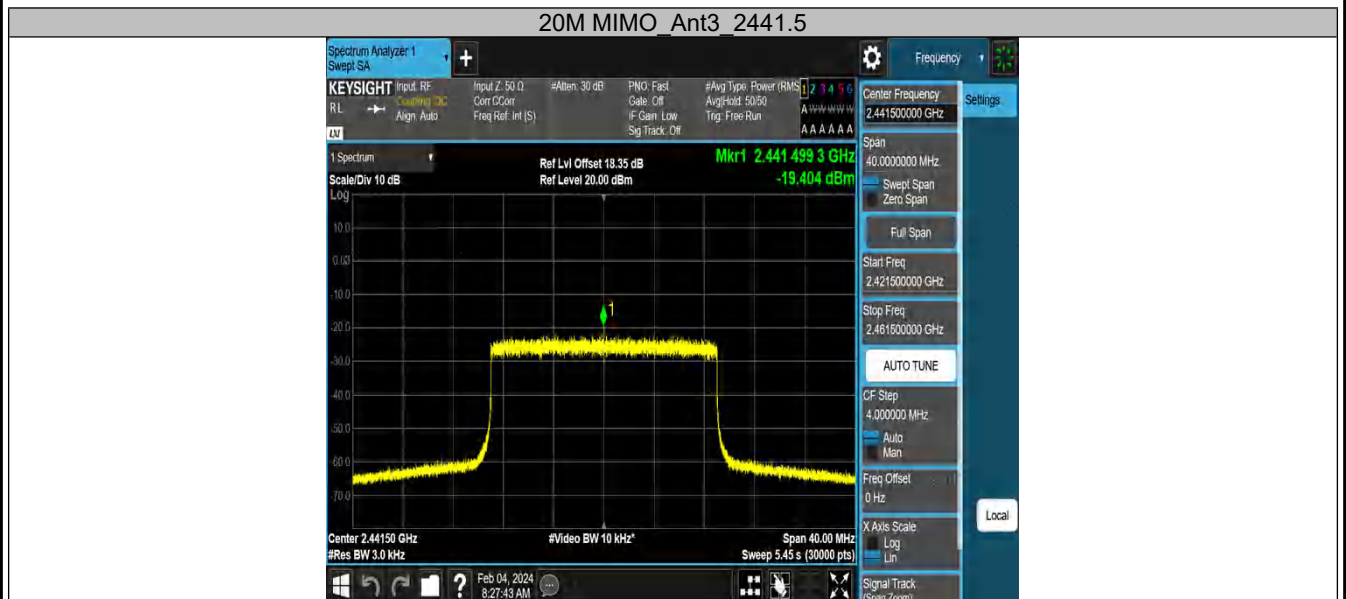


20M MIMO Ant3 2410.5



20M MIMO Ant0 2441.5

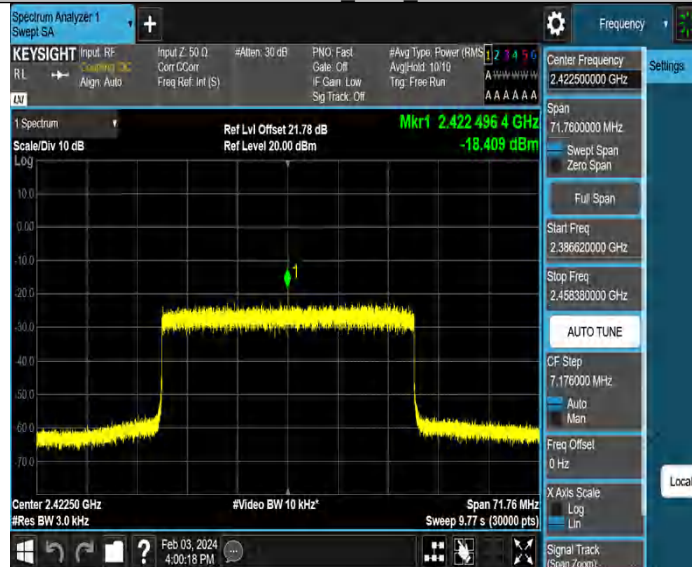




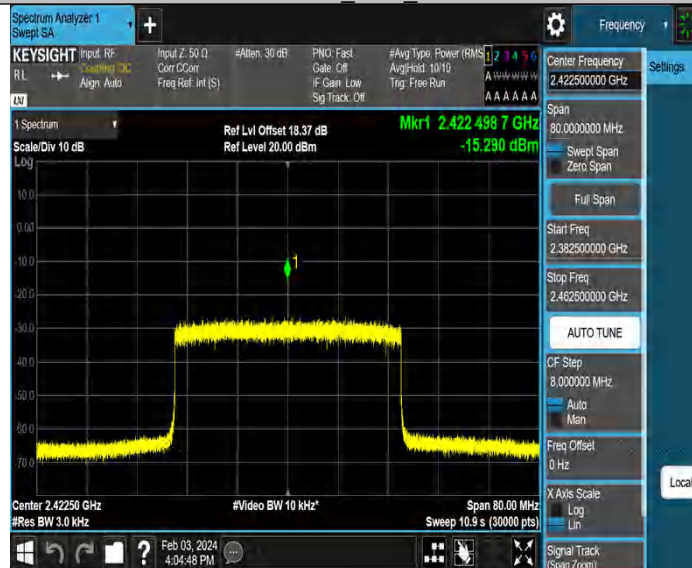
2.4GHz SDR, 40MHz BW

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
40M MIMO	Ant0	2422.5	-18.41	≤8.00	PASS
	Ant3	2422.5	-15.29	≤8.00	PASS
	total	2422.5	-13.57	≤8.00	PASS
	Ant0	2437.5	-22.73	≤8.00	PASS
	Ant3	2437.5	-16.77	≤8.00	PASS
	total	2437.5	-15.79	≤8.00	PASS
	Ant0	2452.5	-17.92	≤8.00	PASS
	Ant3	2452.5	-14.22	≤8.00	PASS
	total	2452.5	-12.68	≤8.00	PASS

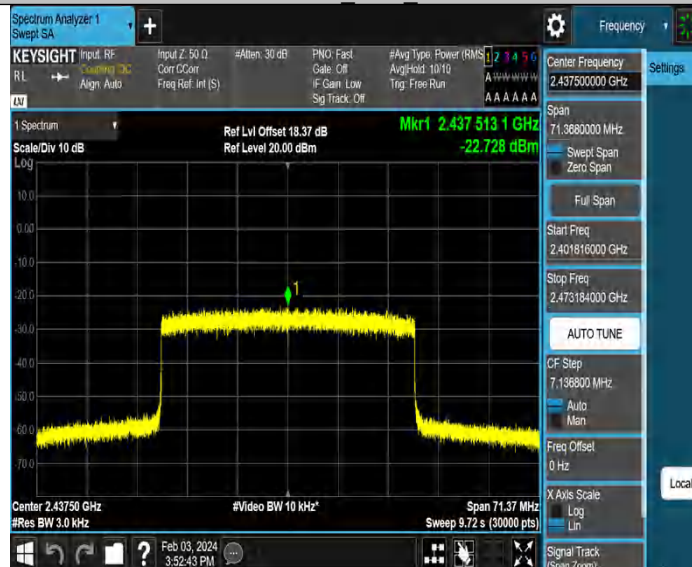
40M MIMO Ant0 2422.5



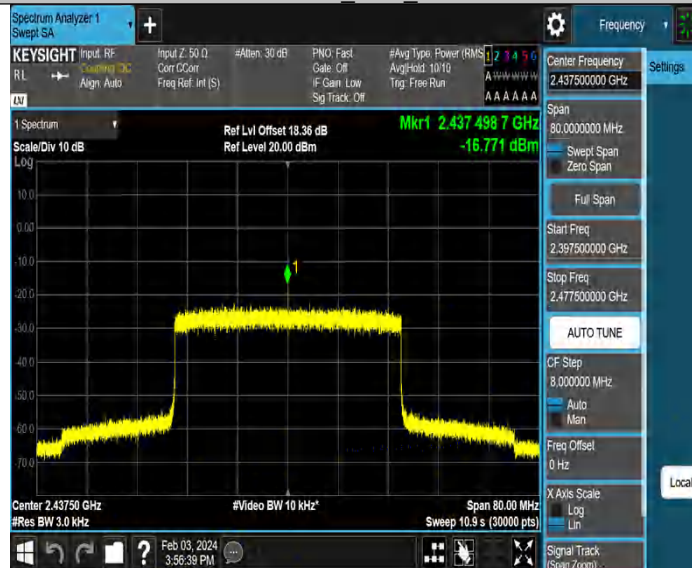
40M MIMO Ant3 2422.5



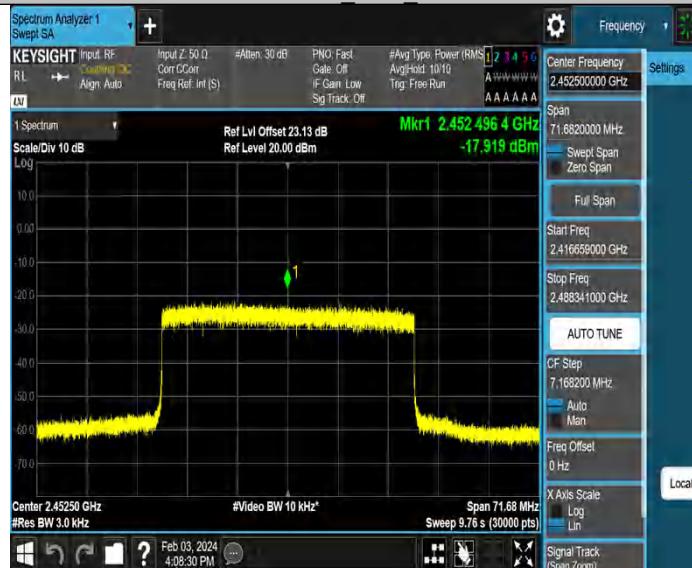
40M MIMO Ant0 2437.5



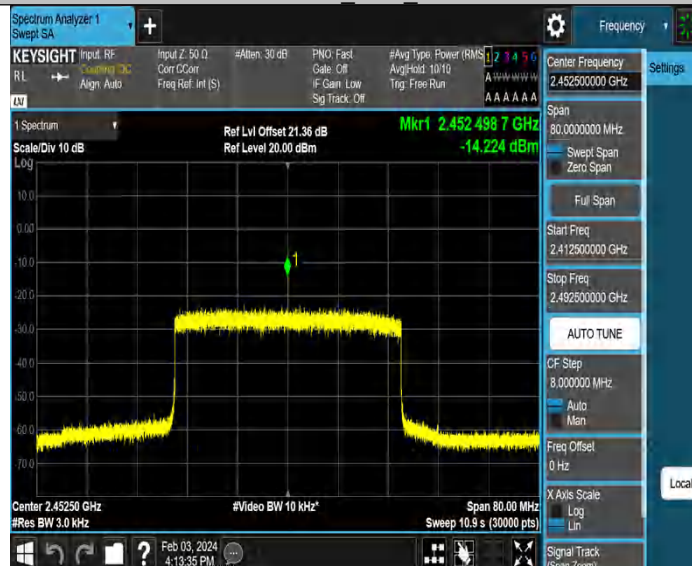
40M MIMO Ant3 2437.5



40M MIMO Ant0 2452.5



40M MIMO Ant3 2452.5



Appendix A.2: Test Results of 6dB Bandwidth

Note: Only the worst case (MIMO mode ANT0+3) was presented in this report.

2.4GHz SDR, 1.4MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
1.4M	Ant0	2403.5	1.114	2402.951	2404.066	0.5	PASS
		2435.5	1.117	2434.940	2436.057	0.5	PASS
		2469.5	1.092	2468.968	2470.060	0.5	PASS

1.4M_Ant0_2403.5



1.4M_Ant0_2435.5



1.4M_Ant0_2469.5



2.4GHz SDR, 1.4MHz BW CA mode

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
1.4MCA	Ant0	2405.12	1.120	2404.557	2405.677	0.5	PASS
		2437.12	1.100	2436.568	2437.669	0.5	PASS
		2471.12	1.109	2470.574	2471.683	0.5	PASS

1.4MCA_Ant0_2405.12



1.4MCA_Ant0_2437.12



1.4MCA_Ant0_2471.12



2.4GHz SDR, 3MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
3M	Ant0	2405.5	2.166	2404.414	2406.580	0.5	PASS
		2435.5	2.172	2434.414	2436.586	0.5	PASS
		2468.5	2.118	2467.414	2469.532	0.5	PASS

3M_Ant0_2405.5



3M_Ant0_2435.5



3M_Ant0_2468.5



2.4GHz SDR, 3MHz BW CA mode

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
3MCA	Ant0	2408.2	2.190	2407.102	2409.292	0.5	PASS
		2438.2	2.190	2437.102	2439.292	0.5	PASS
		2471.2	1.872	2470.078	2471.950	0.5	PASS

3MCA_Ant0_2408.2



3MCA_Ant0_2438.2



3MCA_Ant0_2471.2



2.4GHz SDR, 10MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
10M	Ant0	2405.5	8.980	2401.040	2410.020	0.5	PASS
		2441.5	8.880	2437.080	2445.960	0.5	PASS
		2477.5	1.960	2473.020	2474.980	0.5	PASS

10M_Ant0_2405.5



10M_Ant0_2441.5



10M_Ant0_2477.5



2.4GHz SDR, 20MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
20M	Ant0	2410.5	17.760	2401.580	2419.340	0.5	PASS
		2441.5	17.400	2432.660	2450.060	0.5	PASS
		2472.5	11.600	2463.580	2475.180	0.5	PASS

20M_Ant0_2410.5



20M_Ant0_2441.5



20M_Ant0_2472.5



2.4GHz SDR, 40MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
40M	Ant0	2422.5	35.680	2404.740	2440.420	0.5	PASS
		2437.5	35.600	2419.660	2455.260	0.5	PASS
		2452.5	21.680	2440.980	2462.660	0.5	PASS

40M_Ant0_2422.5



40M_Ant0_2437.5



40M_Ant0_2452.5



Appendix A.3: Test Results of 99% Bandwidth

Note: Only the worst case (MIMO mode ANT0+3) was presented in this report.

2.4GHz SDR, 1.4MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
1.4M	Ant0	2403.5	1.1752	2402.8931	2404.0683	---	PASS
		2435.5	1.2073	2434.8705	2436.0778	---	PASS
		2469.5	1.1597	2468.9040	2470.0637	---	PASS

1.4M_Ant0_2403.5



1.4M_Ant0_2435.5



1.4M_Ant0_2469.5



2.4GHz SDR, 1.4MHz BW CA mode

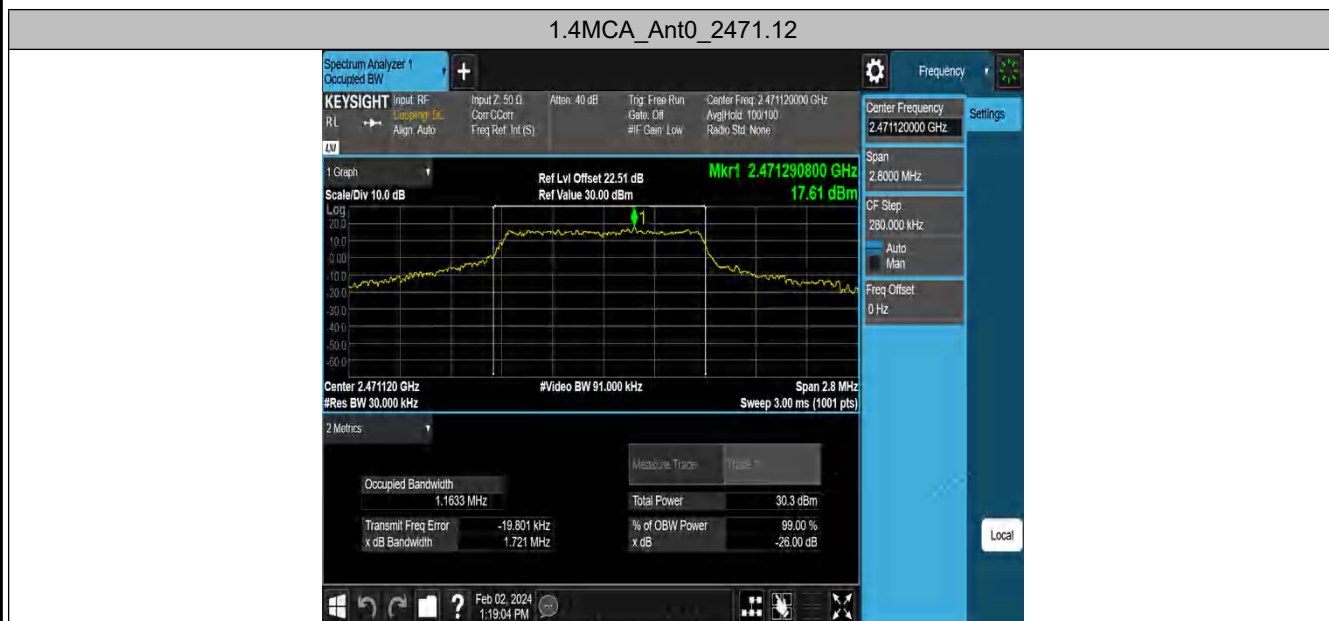
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
1.4MCA	Ant0	2405.12	1.1726	2404.5125	2405.6851	---	PASS
		2437.12	1.1514	2436.5282	2437.6796	---	PASS
		2471.12	1.1633	2470.5186	2471.6819	---	PASS

1.4MCA_Ant0_2405.12



1.4MCA_Ant0_2437.12





2.4GHz SDR, 3MHz BW

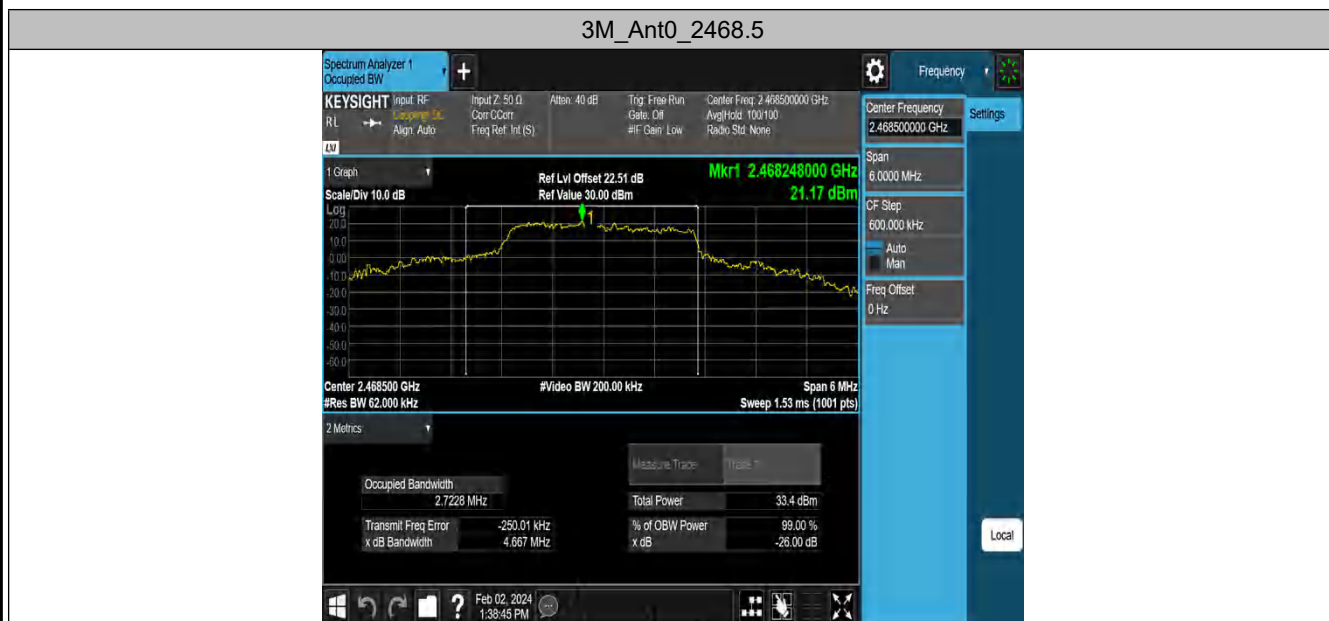
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
3M	Ant0	2405.5	3.0188	2403.9857	2407.0045	---	PASS
		2435.5	2.3155	2434.3142	2436.6297	---	PASS
		2468.5	2.7228	2466.8886	2469.6114	---	PASS

3M_Ant0_2405.5



3M_Ant0_2435.5





2.4GHz SDR, 3MHz BW CA mode

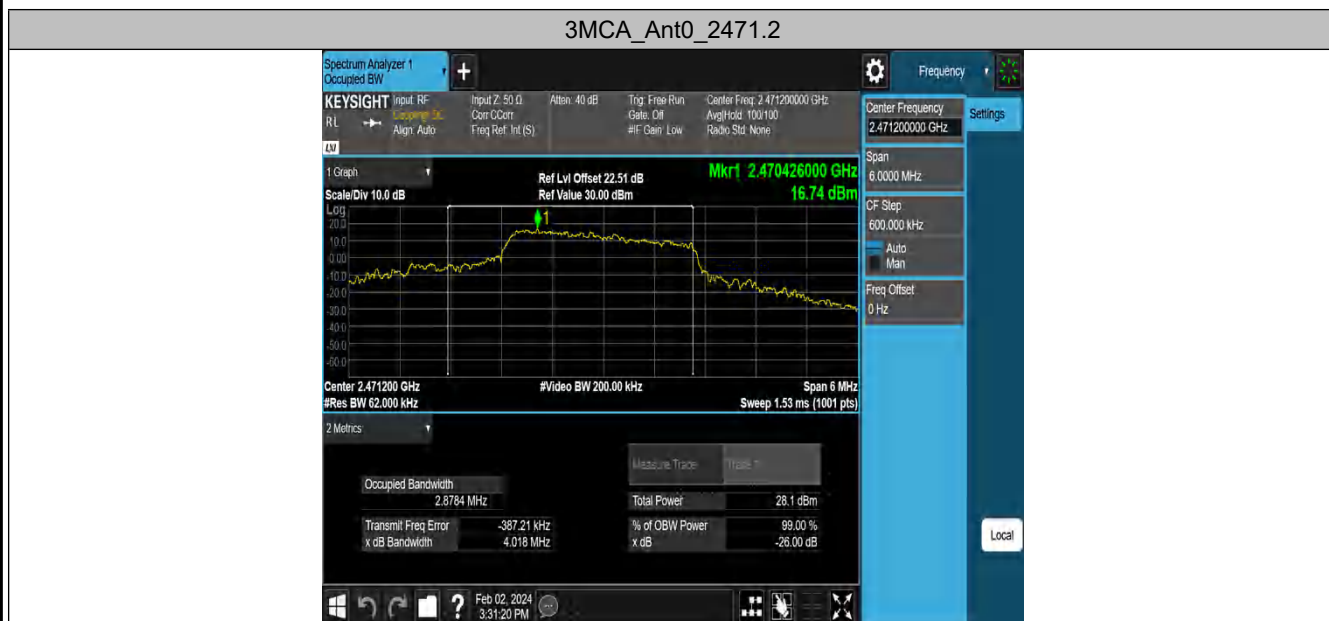
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
3MCA	Ant0	2408.2	3.0492	2406.6785	2409.7277	---	PASS
		2438.2	2.4767	2436.9488	2439.4255	---	PASS
		2471.2	2.8784	2469.3736	2472.2520	---	PASS

3MCA_Ant0_2408.2



3MCA_Ant0_2438.2





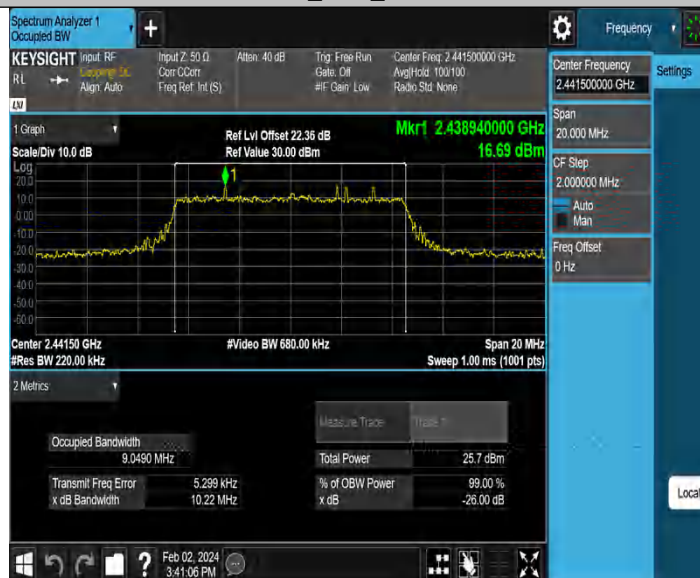
2.4GHz SDR, 10MHz BW

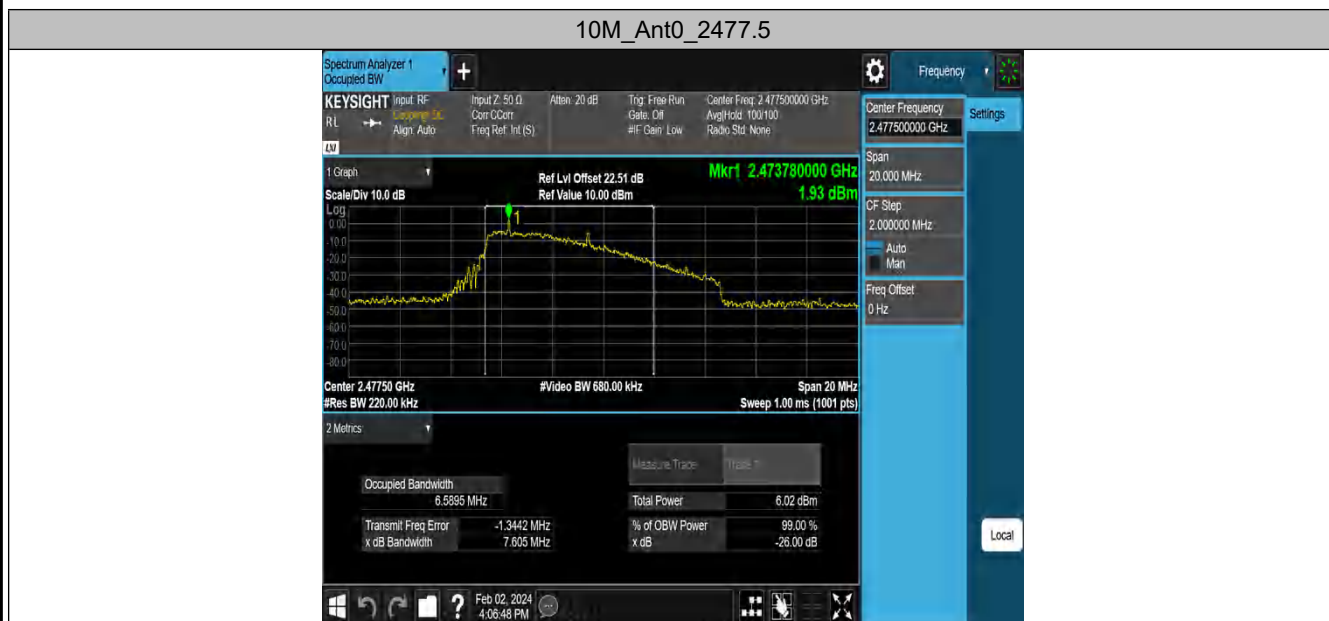
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
10M	Ant0	2405.5	9.1207	2400.9593	2410.0800	---	PASS
		2441.5	9.0490	2436.9808	2446.0298	---	PASS
		2477.5	6.5895	2472.8611	2479.4506	---	PASS

10M_Ant0_2405.5



10M_Ant0_2441.5





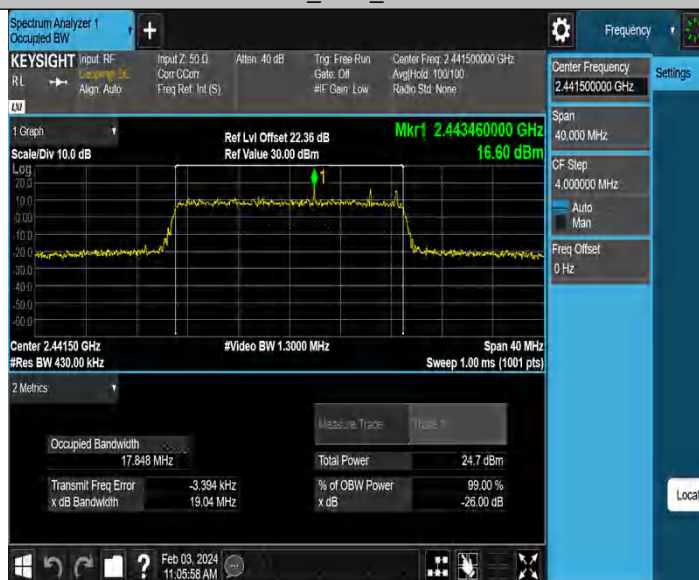
2.4GHz SDR, 20MHz BW

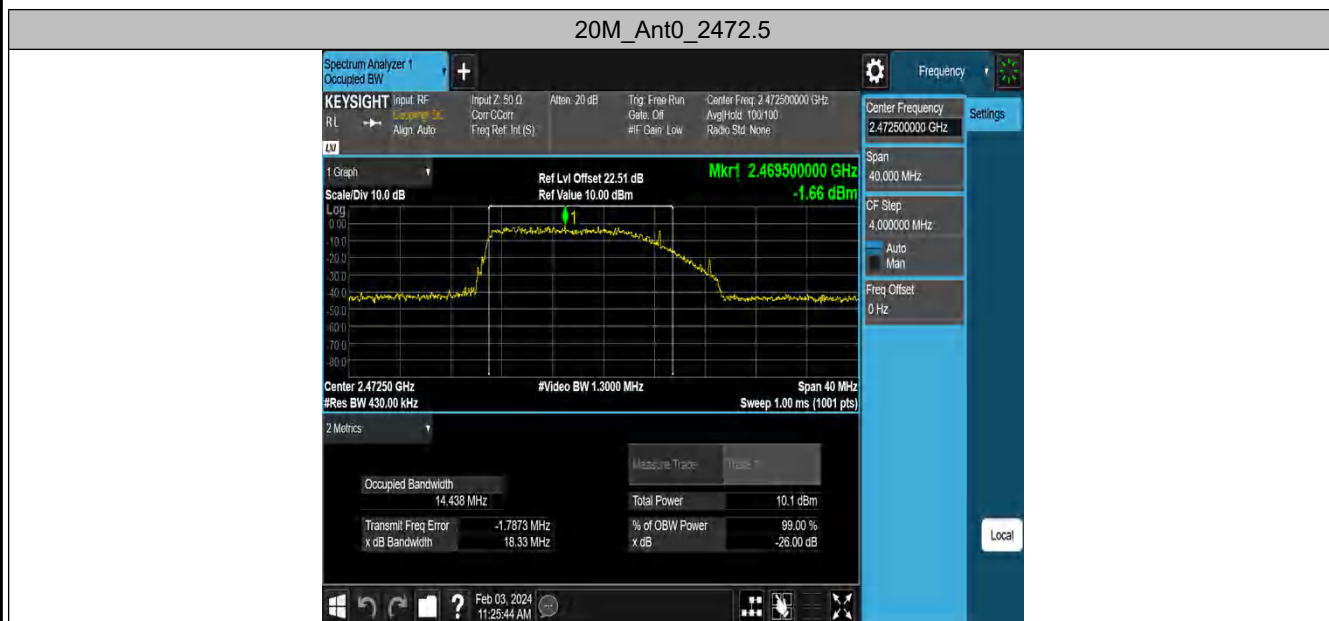
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
20M	Ant0	2410.5	18.426	2401.2892	2419.7152	---	PASS
		2441.5	17.848	2432.5726	2450.4206	---	PASS
		2472.5	14.438	2463.4937	2477.9317	---	PASS

20M_Ant0_2410.5



20M_Ant0_2441.5





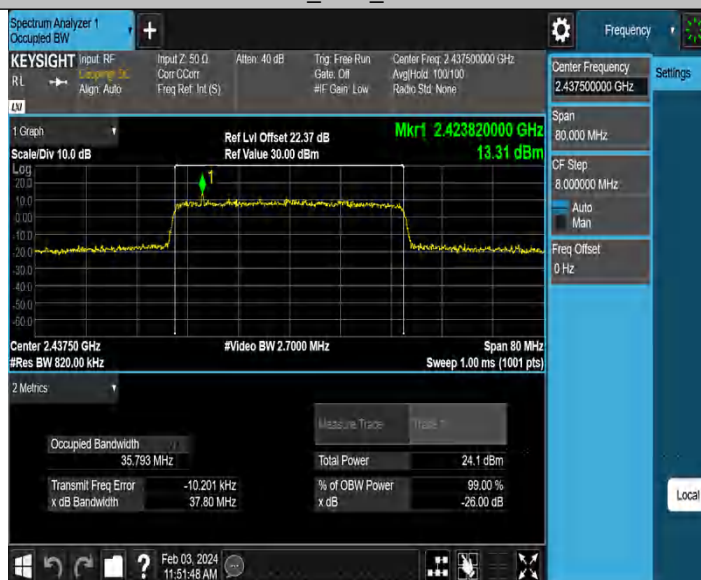
2.4GHz SDR, 40MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
40M	Ant0	2422.5	35.992	2404.4734	2440.4654	---	PASS
		2437.5	35.793	2419.5933	2455.3863	---	PASS
		2452.5	35.865	2434.5469	2470.4119	---	PASS

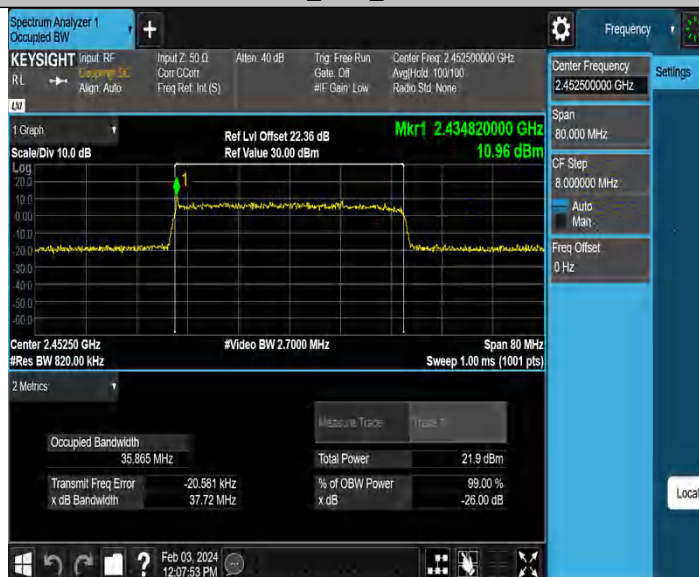
40M_Ant0_2422.5



40M_Ant0_2437.5



40M_Ant0_2452.5



Appendix A.4: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

Note: Only the worst case (MIMO mode ANT0+3) was presented in this report.

Bandedge

2.4GHz SDR, 1.4MHz BW

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
1.4M	Ant0	Low	2403.5	22.27	-29.97	≤-7.73	PASS
		High	2469.5	22.76	-28.68	≤-7.24	PASS

1.4M_Ant0_Low_2403.5



1.4M_Ant0_High_2469.5



2.4GHz SDR, 1.4MHz BW CA mode

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
1.4MCA	Ant0	Low	2405.12	23.22	-28.25	≤-6.78	PASS
		High	2471.12	22	-28.81	≤-8	PASS

1.4MCA_Ant0_Low_2405.12



1.4MCA_Ant0_High_2471.12



2.4GHz SDR, 3MHz BW

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
3M	Ant0	Low	2405.5	23.2	-25.63	≤-6.8	PASS
		High	2468.5	23.01	-29.13	≤-6.99	PASS

3M_Ant0_Low_2405.5



3M_Ant0_High_2468.5



2.4GHz SDR, 3MHz BW CA mode

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
3MCA	Ant0	Low	2408.2	23.69	-26.76	≤-6.31	PASS
		High	2471.2	18.37	-27.33	≤-11.63	PASS

3MCA_Ant0_Low_2408.2



3MCA_Ant0_High_2471.2



2.4GHz SDR, 10MHz BW

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
10M	Ant0	Low	2405.5	-2.083	-34.94	≤-32.08	PASS
		High	2477.5	-10.23	-45.93	≤-40.23	PASS

10M_Ant0_Low_2405.5



10M_Ant0_High_2477.5



2.4GHz SDR, 20MHz BW

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
20M	Ant0	Low	2410.5	-5.11	-45.81	≤-35.11	PASS
		High	2472.5	-6.462	-59.61	≤-36.46	PASS

20M_Ant0_Low_2410.5



20M_Ant0_High_2472.5



2.4GHz SDR, 40MHz BW

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
40M	Ant0	Low	2422.5	0.3491	-33.93	≤-29.65	PASS
		High	2452.5	1.44	-34.84	≤-28.56	PASS

40M_Ant0_Low_2422.5



40M_Ant0_High_2452.5

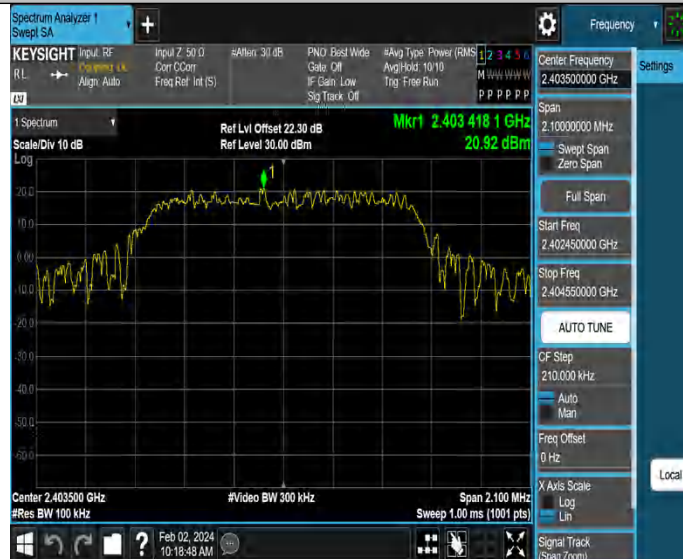


Conducted Spurious Emission

2.4GHz SDR, 1.4MHz BW

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
1.4M	Ant0	2403.5	Reference	20.92	20.92	---	PASS
			30~1000	20.92	-27.12	≤-9.08	PASS
			1000~26500	20.92	-17.89	≤-9.08	PASS
		2435.5	Reference	22.14	22.14	---	PASS
			30~1000	22.14	-27.74	≤-7.86	PASS
			1000~26500	22.14	-18.05	≤-7.86	PASS
		2469.5	Reference	21.81	21.81	---	PASS
			30~1000	21.81	-27.08	≤-8.19	PASS
			1000~26500	21.81	-18.14	≤-8.19	PASS

1.4M_Ant0_2403.5_0~Reference



1.4M_Ant0_2403.5_30~1000



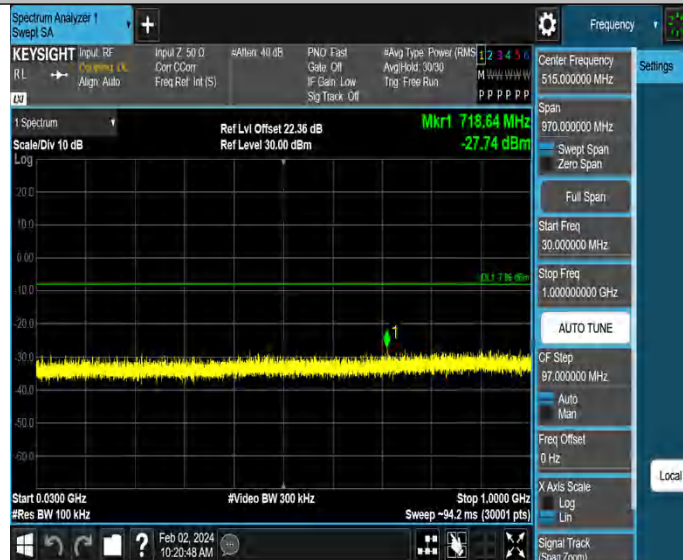
1.4M_Ant0_2403.5_1000~26500



1.4M_Ant0_2435.5_0~Reference



1.4M_Ant0_2435.5_30~1000



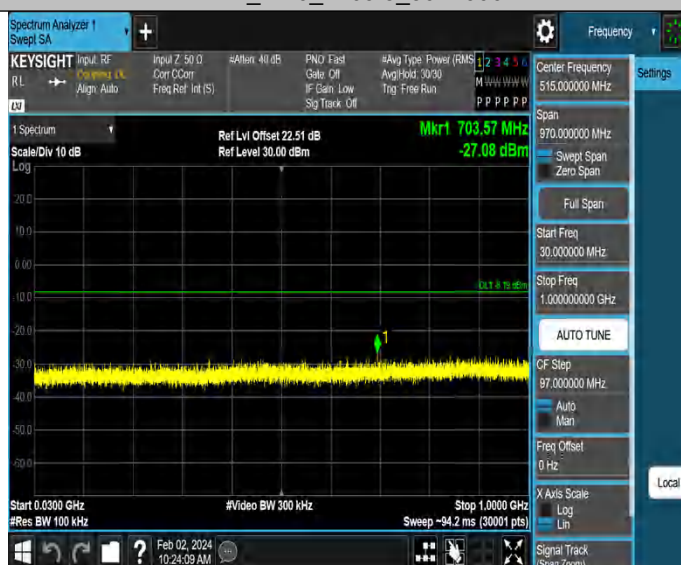
1.4M_Ant0_2435.5_1000~26500



1.4M_Ant0_2469.5_0~Reference



1.4M_Ant0_2469.5_30~1000



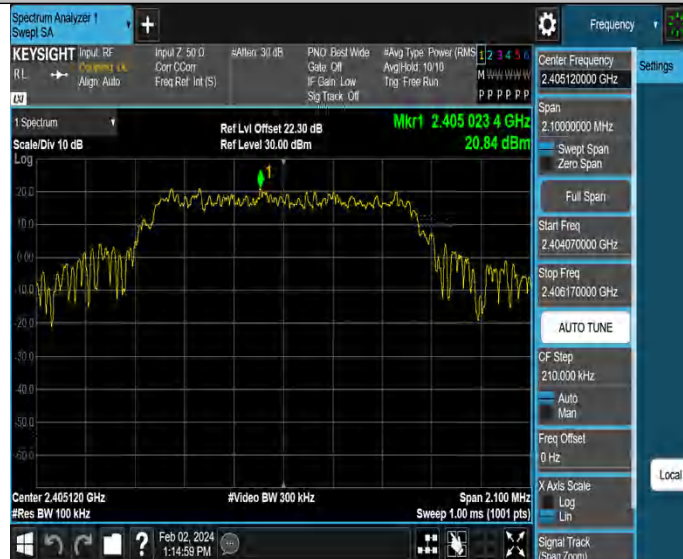
1.4M_Ant0_2469.5_1000~26500



2.4GHz SDR, 1.4MHz BW CA mode

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
1.4MCA	Ant0	2405.12	Reference	20.84	20.84	---	PASS
			30~1000	20.84	-26.08	≤-9.16	PASS
			1000~26500	20.84	-17.58	≤-9.16	PASS
		2437.12	Reference	22.38	22.38	---	PASS
			30~1000	22.38	-26.35	≤-7.62	PASS
			1000~26500	22.38	-16.35	≤-7.62	PASS
		2471.12	Reference	21.29	21.29	---	PASS
			30~1000	21.29	-26.19	≤-8.71	PASS
			1000~26500	21.29	-16.81	≤-8.71	PASS

1.4MCA_Ant0_2405.12_0~Reference



1.4MCA_Ant0_2405.12_30~1000



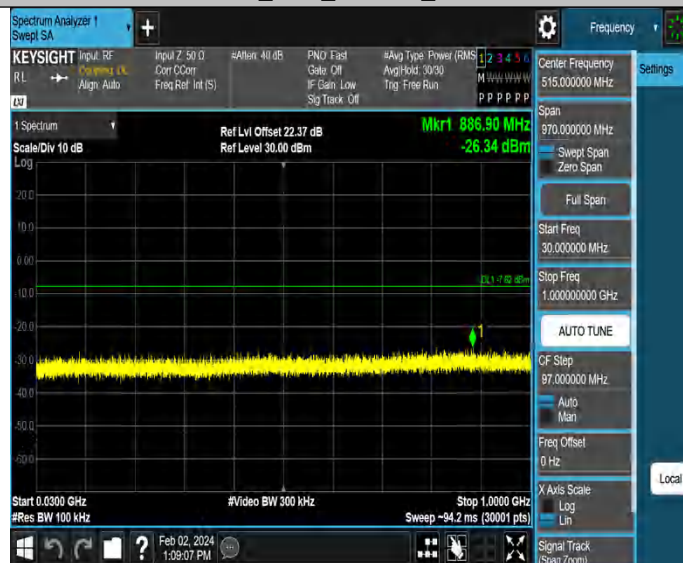
1.4MCA_Ant0_2405.12_1000~26500



1.4MCA_Ant0_2437.12_0~Reference



1.4MCA_Ant0_2437.12_30~1000



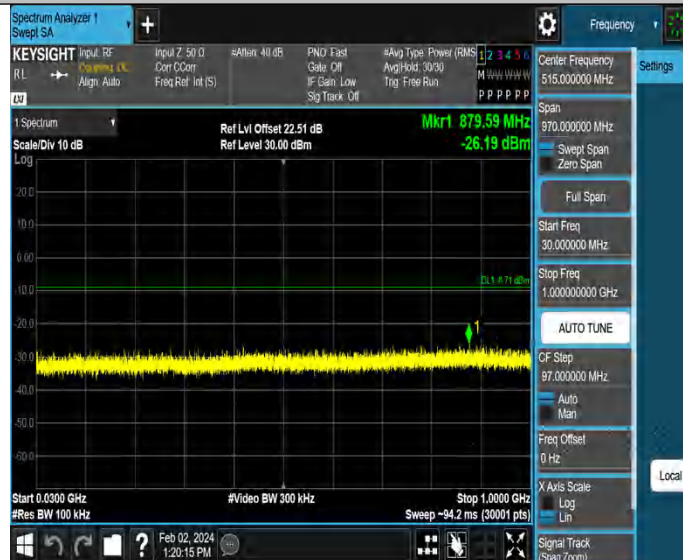
1.4MCA_Ant0_2437.12_1000~26500



1.4MCA_Ant0_2471.12_0~Reference



1.4MCA_Ant0_2471.12_30~1000



1.4MCA_Ant0_2471.12_1000~26500



2.4GHz SDR, 3MHz BW

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
3M	Ant0	2405.5	Reference	20.73	20.73	---	PASS
			30~1000	20.73	-26.15	≤-9.27	PASS
			1000~26500	20.73	-16.76	≤-9.27	PASS
		2435.5	Reference	23.29	23.29	---	PASS
			30~1000	23.29	-26.21	≤-6.71	PASS
			1000~26500	23.29	-16.67	≤-6.71	PASS
		2468.5	Reference	19.97	19.97	---	PASS
			30~1000	19.97	-26.4	≤-10.03	PASS
			1000~26500	19.97	-16.71	≤-10.03	PASS

3M_Ant0_2405.5_0~Reference

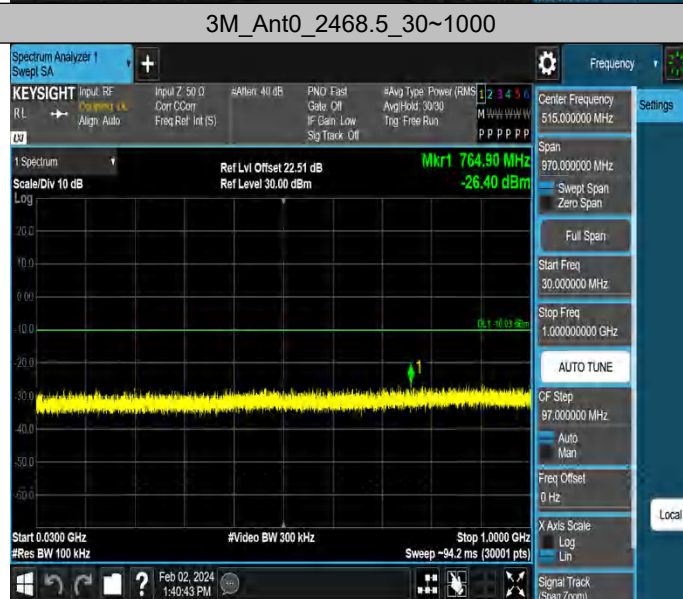


3M_Ant0_2405.5_30~1000



3M_Ant0_2405.5_1000~26500

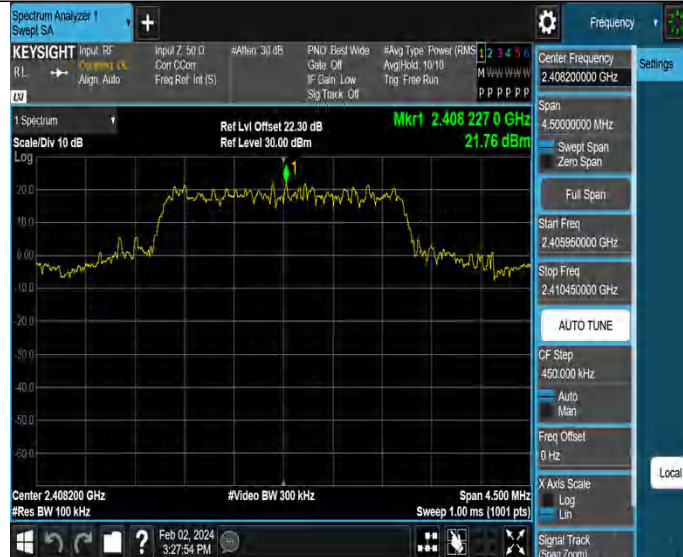




2.4GHz SDR, 3MHz BW CA mode

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
3MCA	Ant0	2408.2	Reference	21.76	21.76	---	PASS
			30~1000	21.76	-26.89	≤-8.24	PASS
			1000~26500	21.76	-16.71	≤-8.24	PASS
		2438.2	Reference	22.60	22.60	---	PASS
			30~1000	22.60	-24.99	≤-7.4	PASS
			1000~26500	22.60	-17.52	≤-7.4	PASS
		2471.2	Reference	15.89	15.89	---	PASS
			30~1000	15.89	-26.3	≤-14.11	PASS
			1000~26500	15.89	-17.21	≤-14.11	PASS

3MCA_Ant0_2408.2_0~Reference



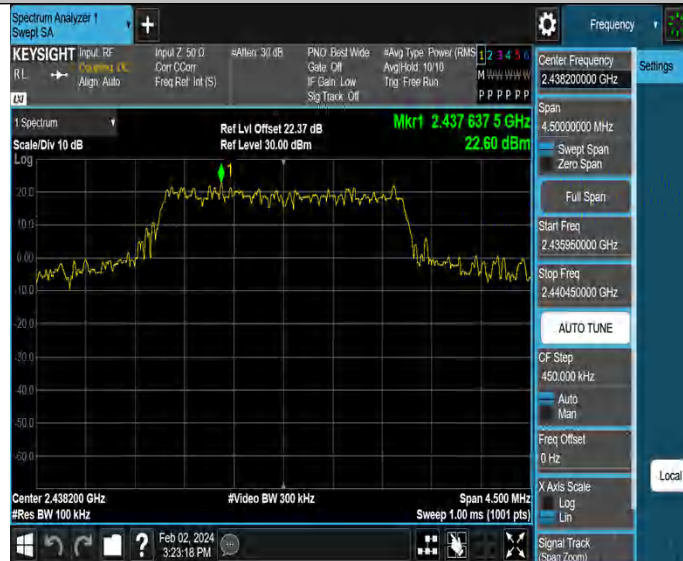
3MCA_Ant0_2408.2_30~1000



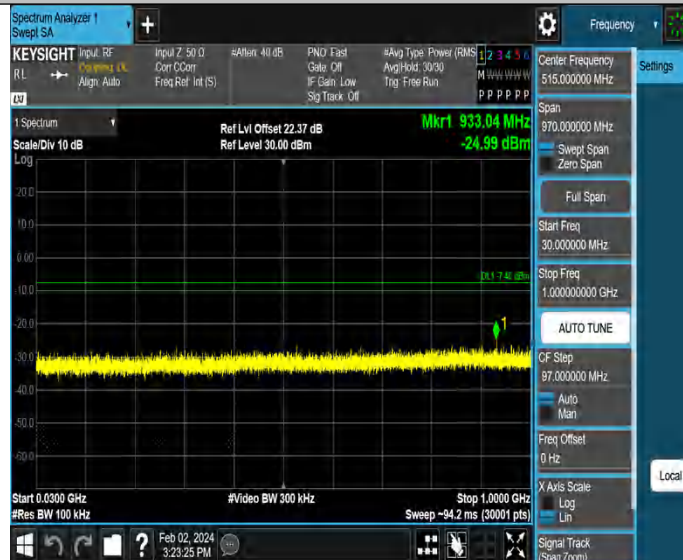
3MCA_Ant0_2408.2_1000~26500



3MCA_Ant0_2438.2_0~Reference



3MCA_Ant0_2438.2_30~1000



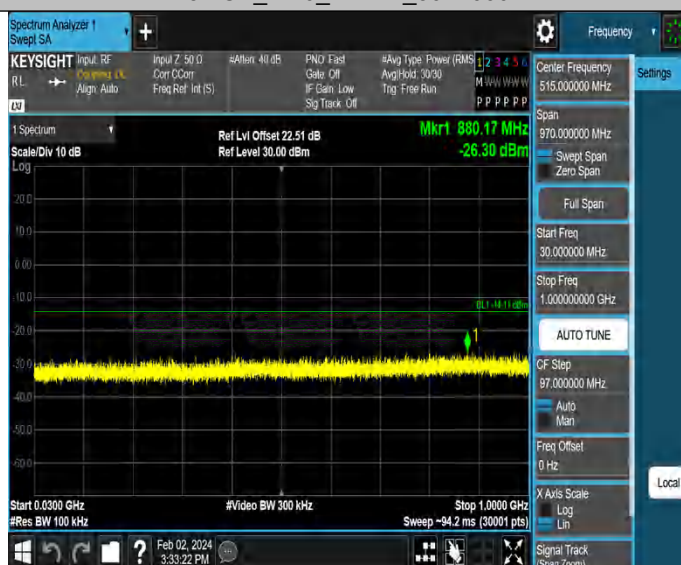
3MCA_Ant0_2438.2_1000~26500



3MCA_Ant0_2471.2_0~Reference



3MCA_Ant0_2471.2_30~1000



3MCA_Ant0_2471.2_1000~26500



2.4GHz SDR, 10MHz BW

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
10M	Ant0	2405.5	Reference	-4.98	-4.98	---	PASS
			30~1000	-4.98	-47.74	≤-34.98	PASS
			1000~26500	-4.98	-37.51	≤-34.98	PASS
		2441.5	Reference	5.98	5.98	---	PASS
			30~1000	5.98	-36.91	≤-24.02	PASS
			1000~26500	5.98	-27.88	≤-24.02	PASS
		2477.5	Reference	-7.20	-7.20	---	PASS
			30~1000	-7.20	-47.55	≤-37.2	PASS
			1000~26500	-7.20	-37.92	≤-37.2	PASS

10M_Ant0_2405.5_0~Reference



10M_Ant0_2405.5_30~1000



10M_Ant0_2405.5_1000~26500



10M_Ant0_2441.5_0~Reference



10M_Ant0_2441.5_30~1000



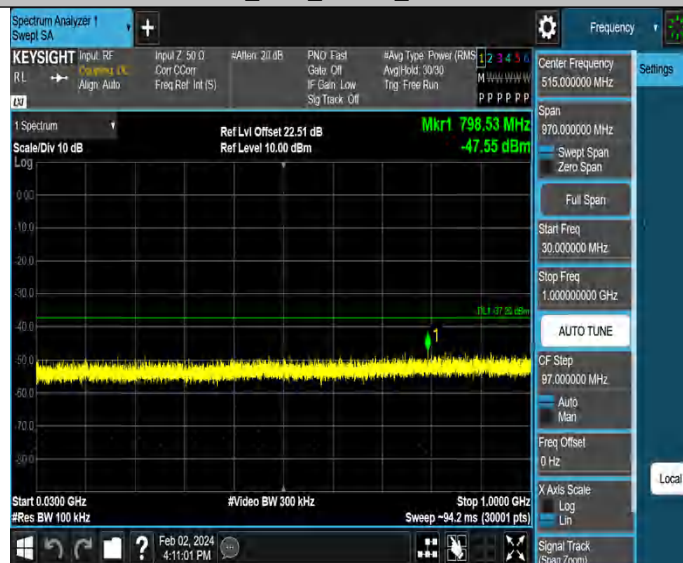
10M_Ant0_2441.5_1000~26500



10M_Ant0_2477.5_0~Reference



10M_Ant0_2477.5_30~1000



10M_Ant0_2477.5_1000~26500



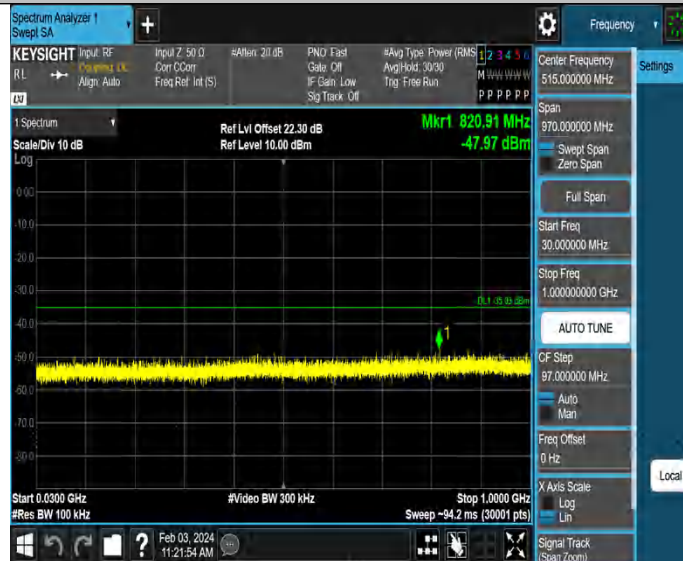
2.4GHz SDR, 20MHz BW

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
20M	Ant0	2410.5	Reference	-5.03	-5.03	---	PASS
			30~1000	-5.03	-47.97	≤-35.03	PASS
			1000~26500	-5.03	-37.78	≤-35.03	PASS
		2441.5	Reference	4.78	4.78	---	PASS
			30~1000	4.78	-47.23	≤-25.22	PASS
			1000~26500	4.78	-38.79	≤-25.22	PASS
		2472.5	Reference	-5.96	-5.96	---	PASS
			30~1000	-5.96	-57.55	≤-35.96	PASS
			1000~26500	-5.96	-47.88	≤-35.96	PASS

20M_Ant0_2410.5_0~Reference



20M_Ant0_2410.5_30~1000



20M_Ant0_2410.5_1000~26500



20M_Ant0_2441.5_0~Reference



20M_Ant0_2441.5_30~1000



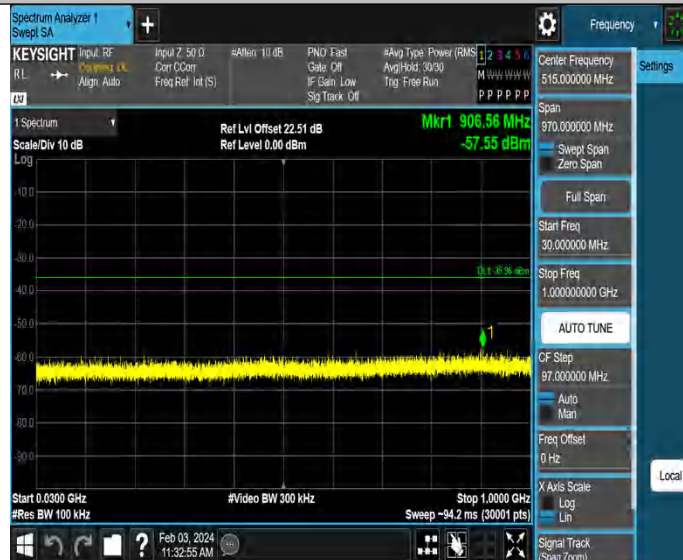
20M_Ant0_2441.5_1000~26500



20M_Ant0_2472.5_0~Reference



20M_Ant0_2472.5_30~1000



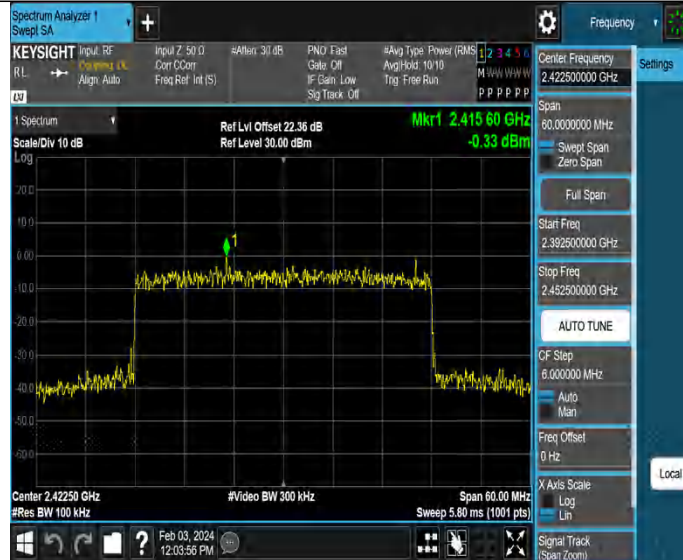
20M_Ant0_2472.5_1000~26500



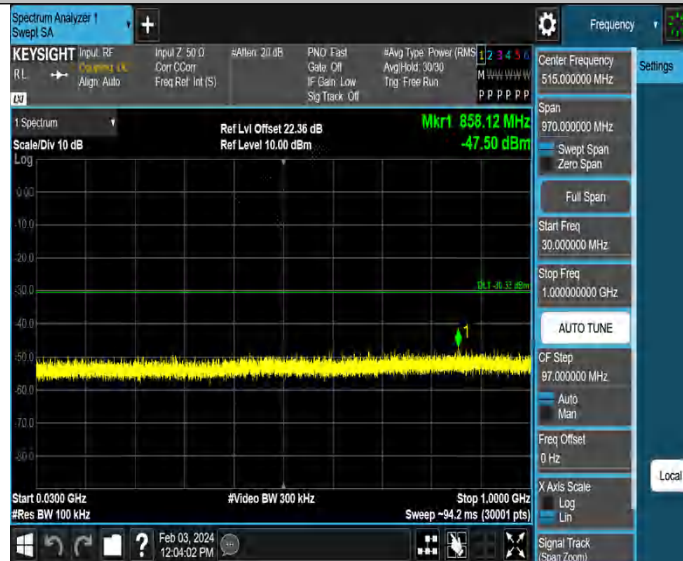
2.4GHz SDR, 40MHz BW

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
40M	Ant0	2422.5	Reference	-0.33	-0.33	---	PASS
			30~1000	-0.33	-47.5	≤-30.33	PASS
			1000~26500	-0.33	-38.67	≤-30.33	PASS
		2437.5	Reference	1.23	1.23	---	PASS
			30~1000	1.23	-47.87	≤-28.77	PASS
			1000~26500	1.23	-38.29	≤-28.77	PASS
		2452.5	Reference	0.24	0.24	---	PASS
			30~1000	0.24	-47.45	≤-29.76	PASS
			1000~26500	0.24	-38.6	≤-29.76	PASS

40M_Ant0_2422.5_0~Reference



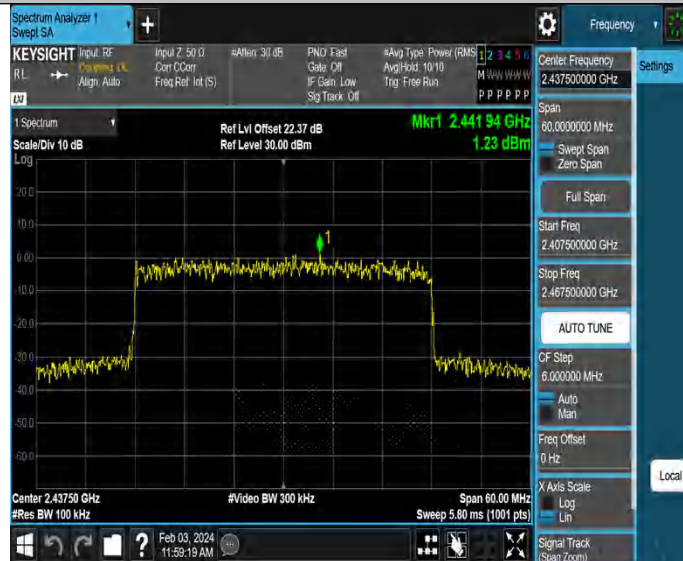
40M_Ant0_2422.5_30~1000



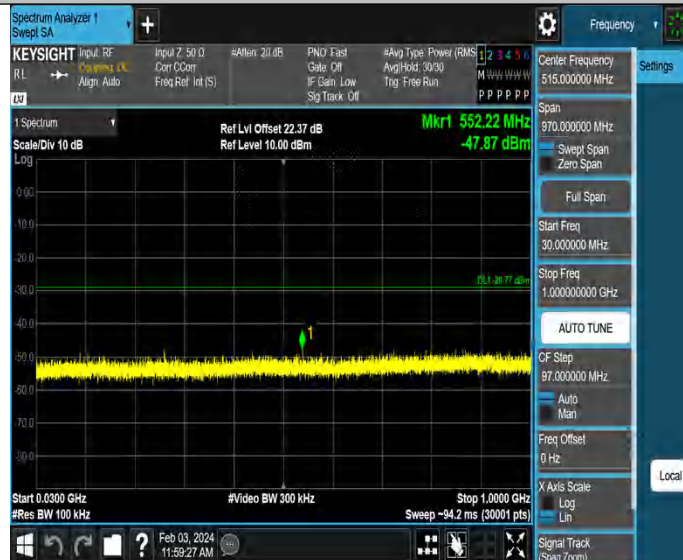
40M_Ant0_2422.5_1000~26500



40M_Ant0_2437.5_0~Reference



40M_Ant0_2437.5_30~1000



40M_Ant0_2437.5_1000~26500



40M_Ant0_2452.5_0~Reference



40M_Ant0_2452.5_30~1000



40M_Ant0_2452.5_1000~26500



Appendix A.5: Test Results of Radiated Spurious Emissions

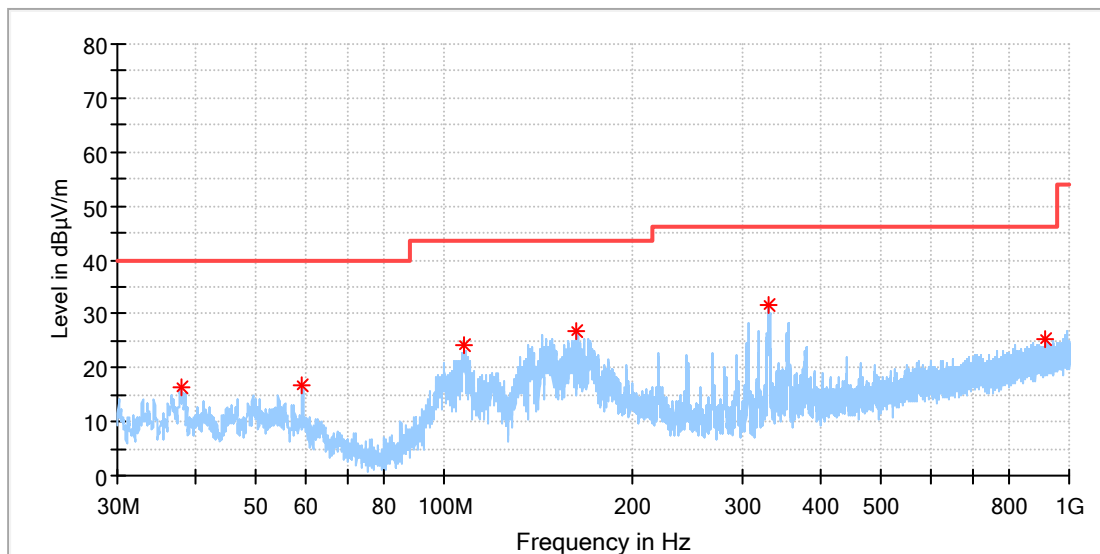
Note:

- 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

EUT Information

EUT Name: DJI SDR Transmission
Model: RX5
Test Mode: SDR 2.4G_1.4M_2435.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

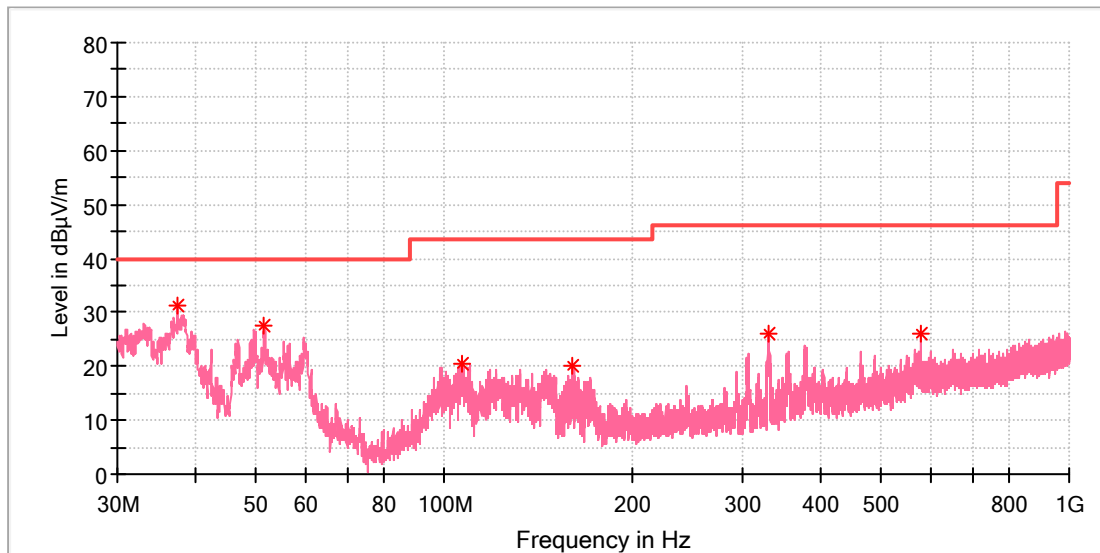
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
37.871923	16.39	40.00	23.61	100.0	H	120.0	-21.1
59.323846	16.71	40.00	23.29	100.0	H	299.0	-19.2
107.711923	24.18	43.50	19.32	100.0	H	30.0	-19.3
162.890000	26.63	43.50	16.87	100.0	H	15.0	-21.9
330.886539	31.45	46.00	14.55	100.0	H	79.0	-15.7
914.304231	25.48	46.00	20.52	100.0	H	207.0	-5.3

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 2.4G_1.4M_2435.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
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)
37.498846	31.17	40.00	8.83	100.0	V	46.0	-21.2
51.601154	27.57	40.00	12.43	100.0	V	155.0	-18.6
107.152308	20.63	43.50	22.87	100.0	V	177.0	-19.2
160.726154	19.97	43.50	23.53	100.0	V	298.0	-22.0
329.804615	26.11	46.00	19.89	100.0	V	255.0	-15.7
578.273846	26.03	46.00	19.97	100.0	V	342.0	-10.6

Final Result

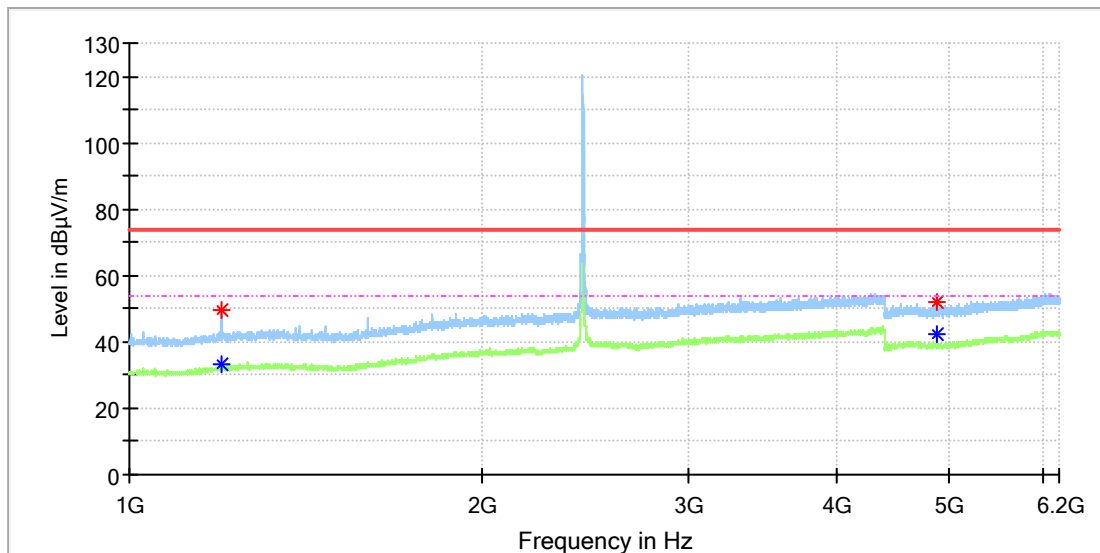
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz

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

EUT Information

EUT Name:	DJI SDR Transmission
Model:	RX5
Test Mode:	SDR 2.4G_1.4M_2435.5MHz
Order No/Sample No:	168449632/A003634023-002
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

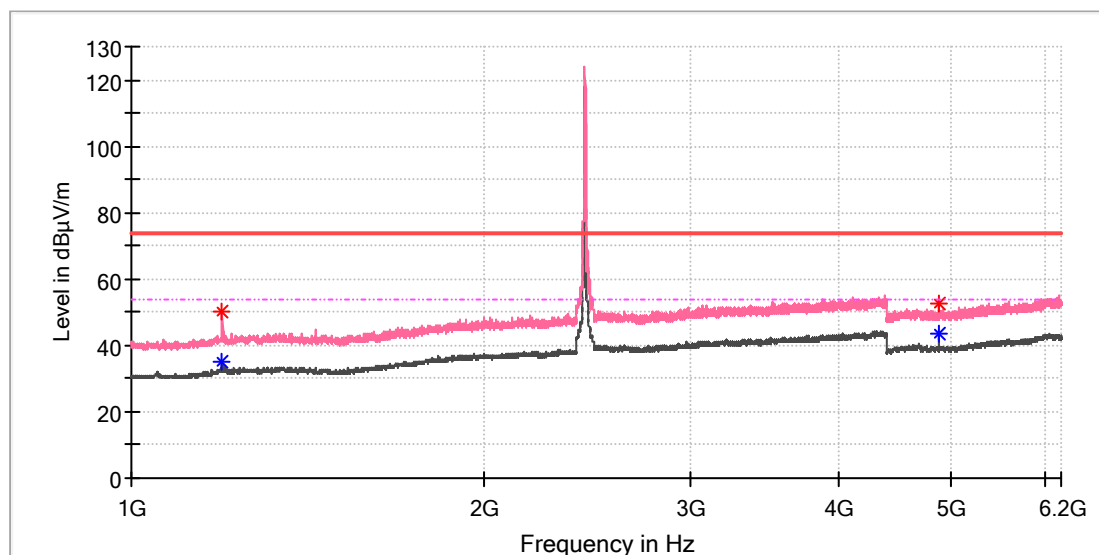
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1197.000000	---	33.27	54.00	20.73	150.0	H	237.0	1.1
1197.500000	49.78	---	74.00	24.22	150.0	H	243.0	1.1
4870.500000	51.77	---	74.00	22.23	150.0	H	163.0	11.8
4871.500000	---	42.61	54.00	11.39	150.0	H	237.0	11.8

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 2.4G_1.4M_2435.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

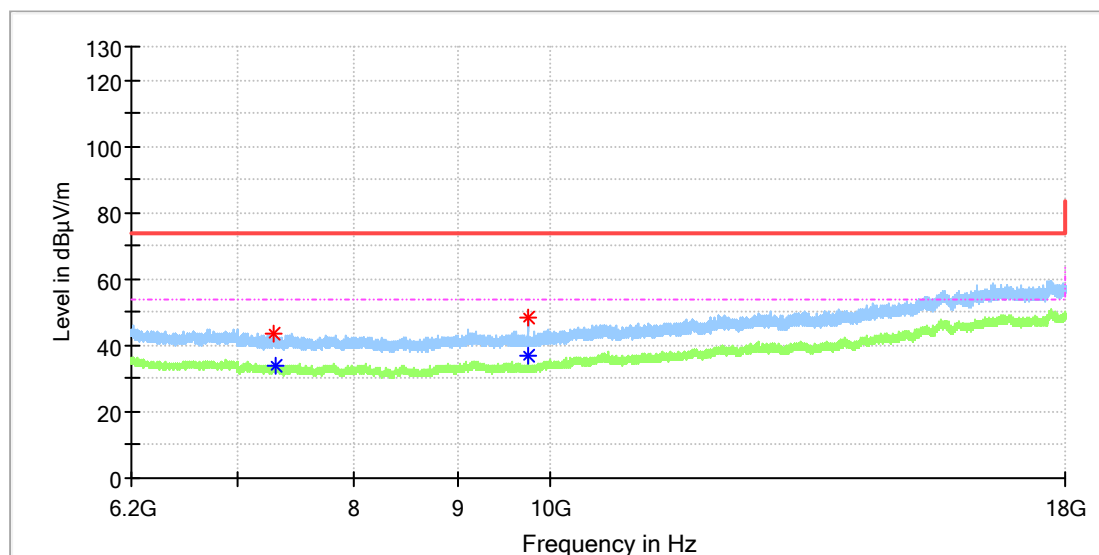
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1195.500000	50.26	---	74.00	23.74	150.0	V	165.0	1.1
1195.500000	---	34.94	54.00	19.06	150.0	V	165.0	1.1
4870.000000	52.71	---	74.00	21.29	150.0	V	144.0	11.8
4871.500000	---	43.60	54.00	10.40	150.0	V	254.0	11.8

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 2.4G_1.4M_2435.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

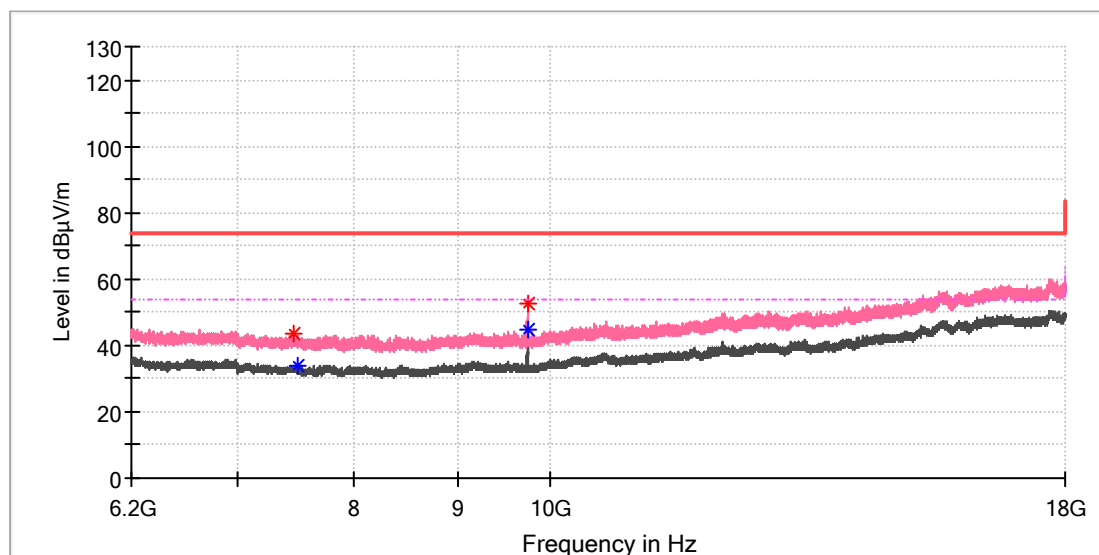
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7297.400000	43.33	---	74.00	30.67	150.0	H	161.0	8.3
7305.266667	---	34.13	54.00	19.87	150.0	H	161.0	8.3
9741.966667	---	36.88	54.00	17.12	150.0	H	355.0	10.4
9743.933333	48.20	---	74.00	25.80	150.0	H	244.0	10.4

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 2.4G_1.4M_2435.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

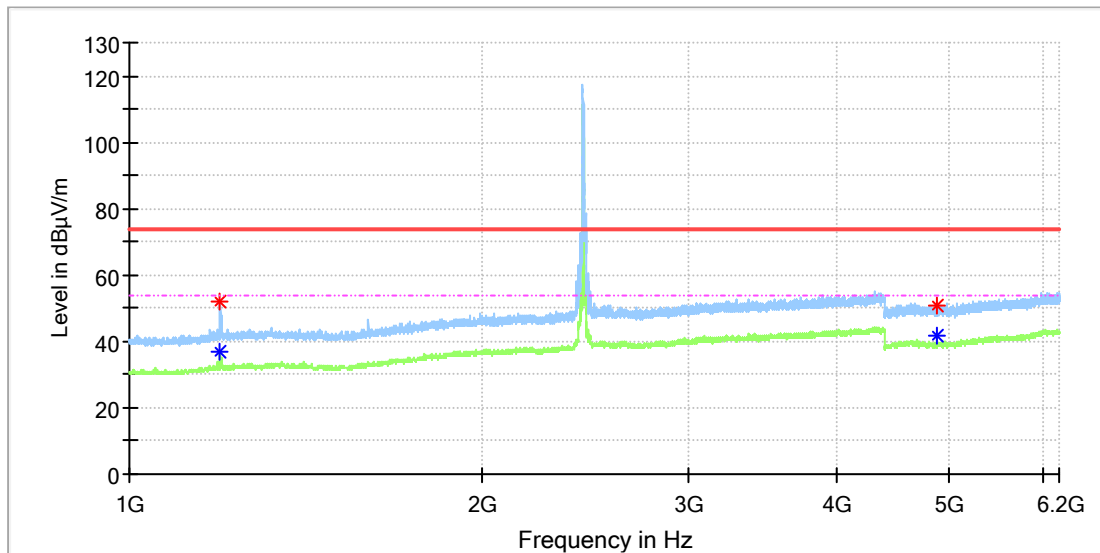
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7457.191667	43.75	---	74.00	30.25	150.0	V	281.0	8.5
7487.675000	---	34.12	54.00	19.88	150.0	V	0.0	8.7
9741.475000	52.84	---	74.00	21.16	150.0	V	217.0	10.4
9741.475000	---	44.46	54.00	9.54	150.0	V	217.0	10.4

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 2.4G_3M_2435.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

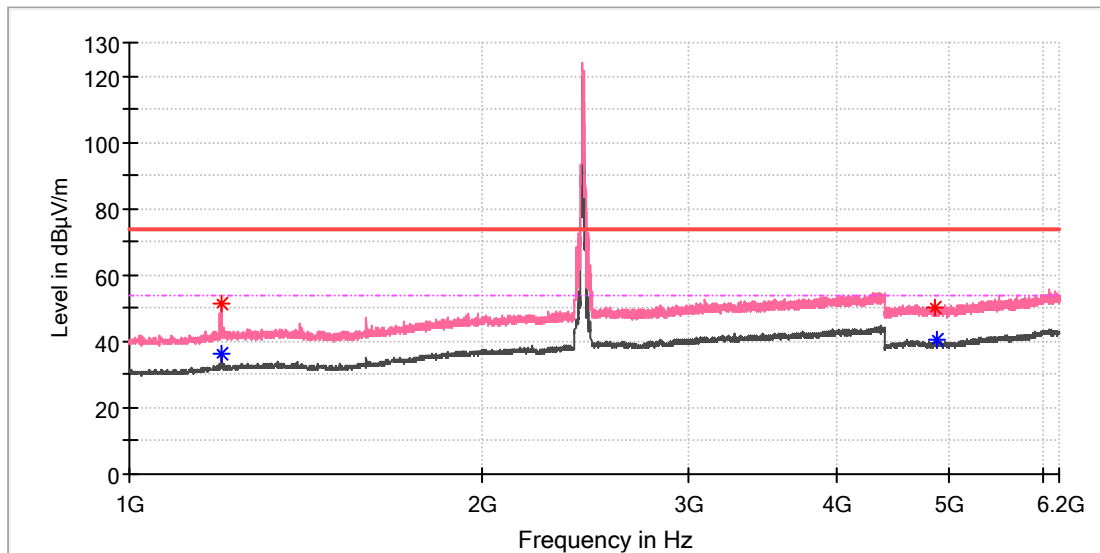
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1195.500000	52.05	---	74.00	21.95	150.0	H	250.0	1.1
1195.500000	---	36.68	54.00	17.32	150.0	H	250.0	1.1
4871.500000	---	41.94	54.00	12.06	150.0	H	223.0	11.8
4872.000000	50.70	---	74.00	23.30	150.0	H	209.0	11.8

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 2.4G_3M_2435.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

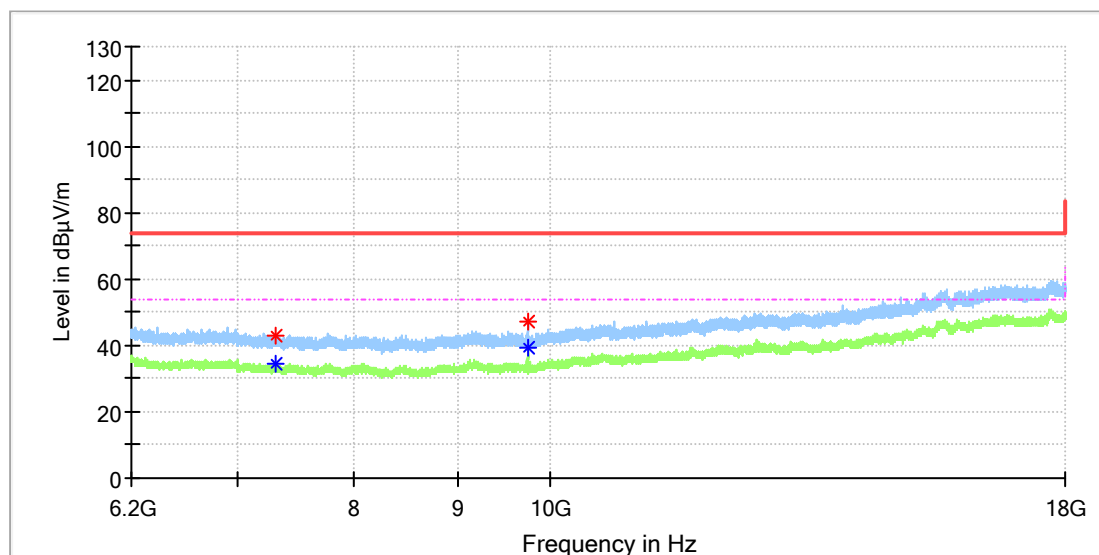
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1197.500000	51.35	---	74.00	22.65	150.0	V	307.0	1.1
1197.500000	---	36.55	54.00	17.45	150.0	V	307.0	1.1
4868.000000	50.35	---	74.00	23.65	150.0	V	105.0	11.8
4871.500000	---	40.81	54.00	13.19	150.0	V	177.0	11.8

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 2.4G_3M_2435.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

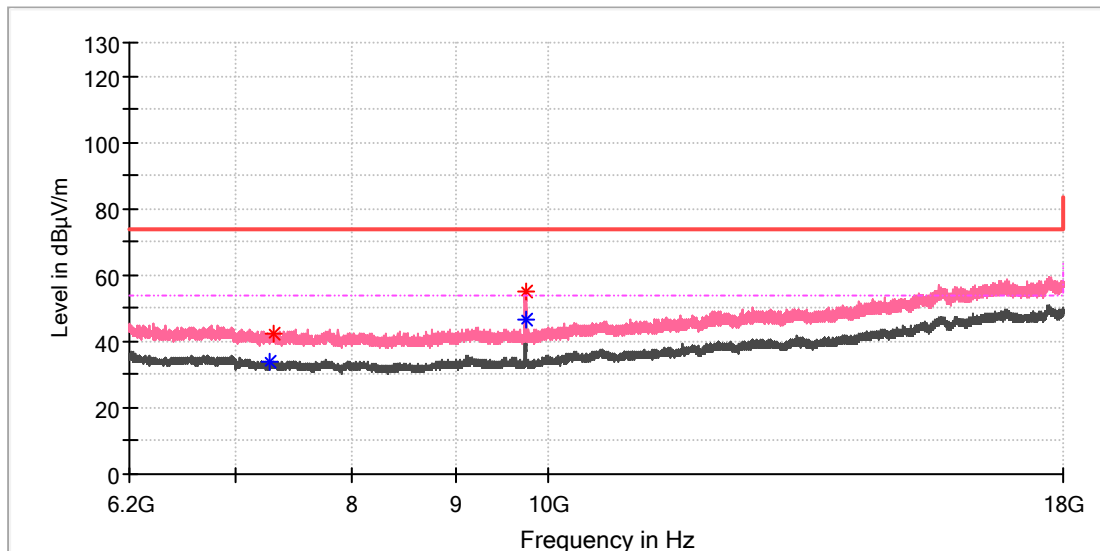
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7306.741667	43.04	---	74.00	30.96	150.0	H	188.0	8.3
7306.741667	---	34.33	54.00	19.67	150.0	H	188.0	8.3
9742.950000	---	39.18	54.00	14.82	150.0	H	165.0	10.4
9744.425000	47.45	---	74.00	26.55	150.0	H	165.0	10.4

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 2.4G_3M_2435.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

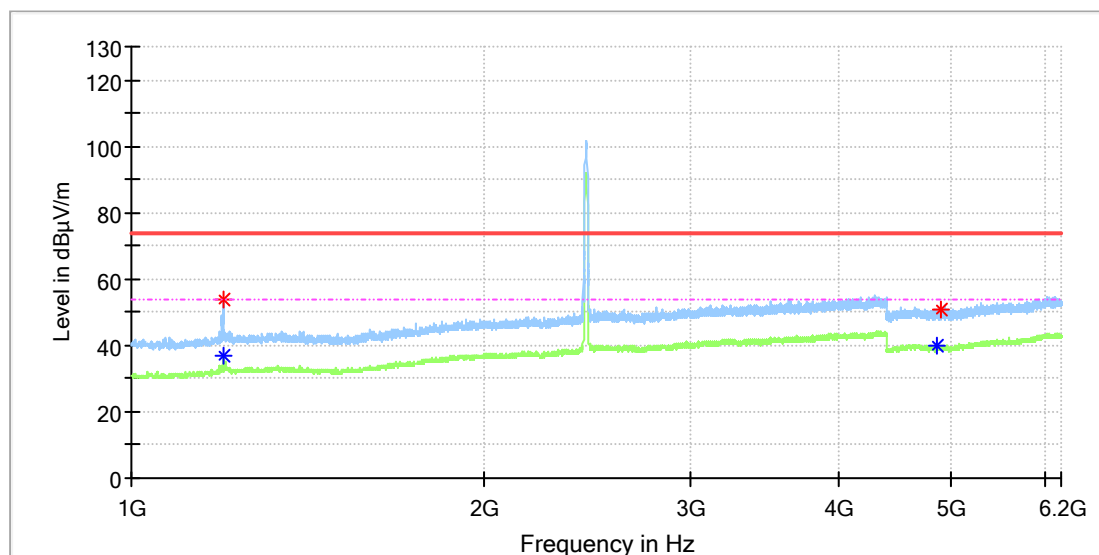
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7278.716667	---	33.98	54.00	20.02	150.0	V	195.0	8.4
7315.591667	42.41	---	74.00	31.59	150.0	V	207.0	8.2
9740.491667	54.97	---	74.00	19.03	150.0	V	32.0	10.4
9741.966667	---	46.36	54.00	7.64	150.0	V	0.0	10.4

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 2.4G_10M_2441.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

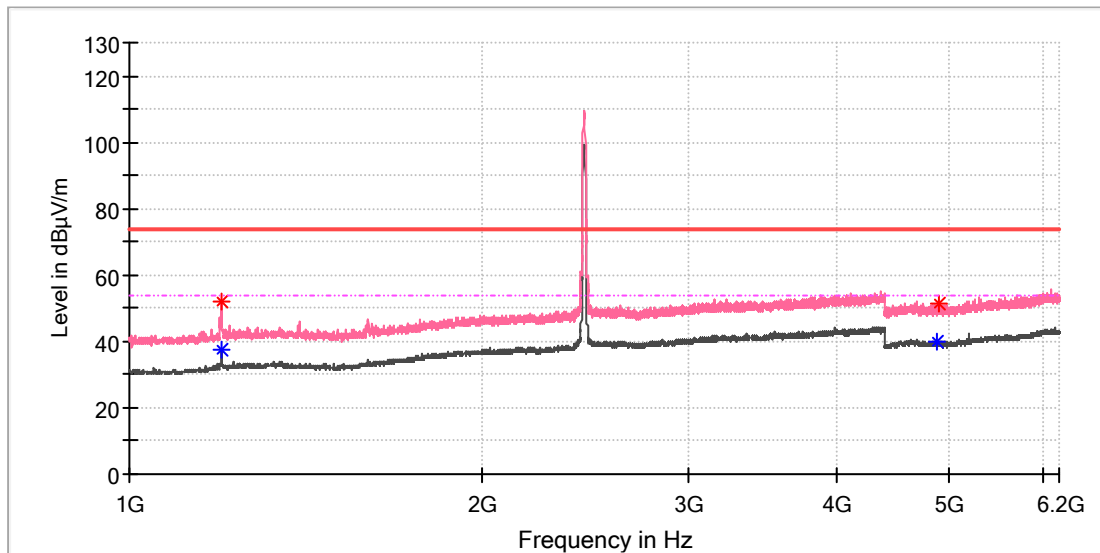
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1198.000000	53.57	---	74.00	20.43	150.0	H	316.0	1.1
1198.000000	---	36.70	54.00	17.30	150.0	H	316.0	1.1
4861.500000	---	39.87	54.00	14.13	150.0	H	356.0	11.8
4889.500000	50.83	---	74.00	23.17	150.0	H	295.0	11.8

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 2.4G_10M_2441.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

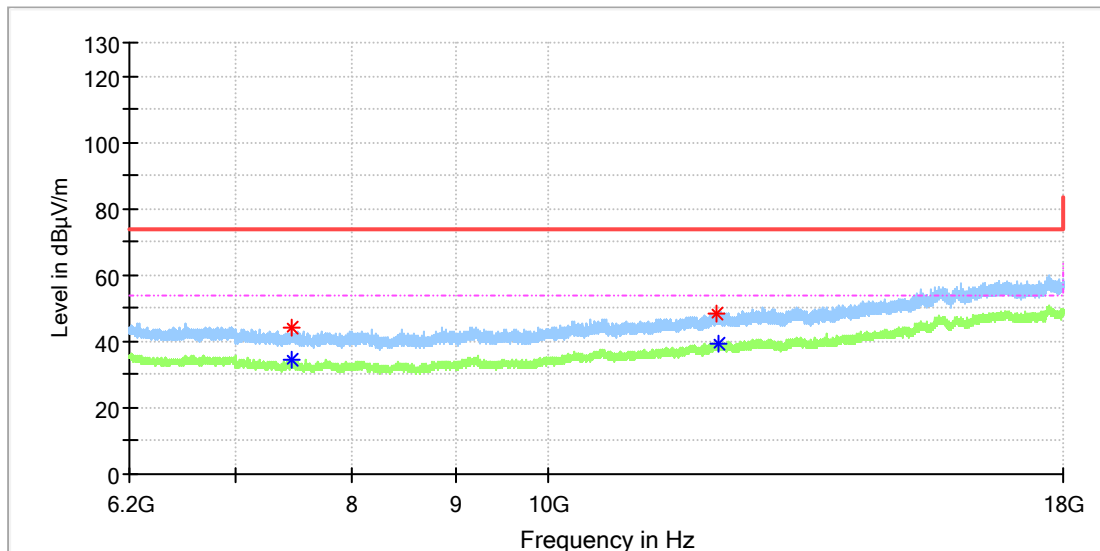
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1196.500000	52.29	---	74.00	21.71	150.0	V	148.0	1.1
1196.500000	---	37.72	54.00	16.28	150.0	V	148.0	1.1
4871.000000	---	39.61	54.00	14.39	150.0	V	311.0	11.8
4889.500000	51.63	---	74.00	22.37	150.0	V	305.0	11.8

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 2.4G_10M_2441.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

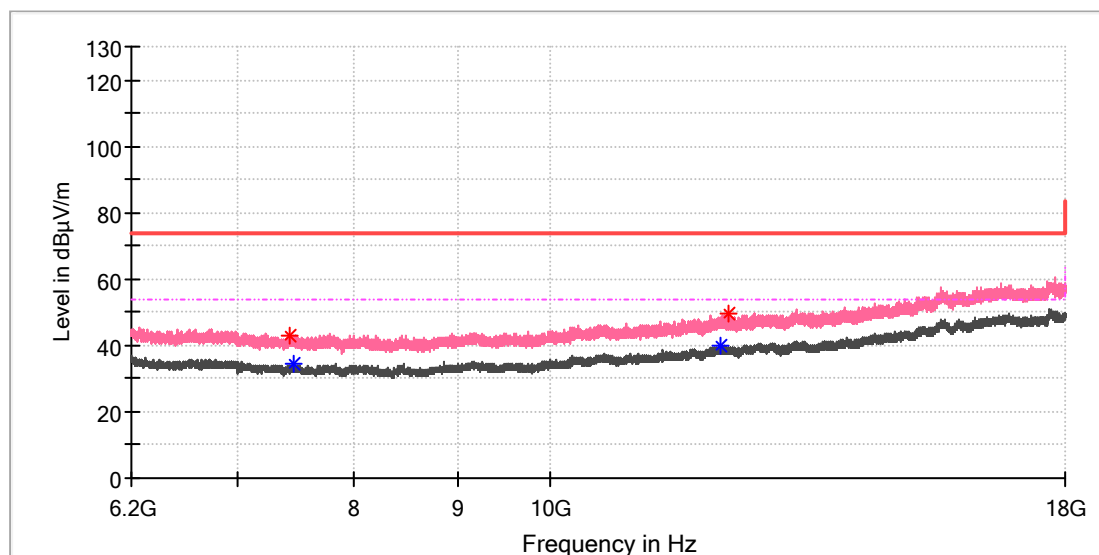
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7453.750000	---	34.30	54.00	19.70	150.0	H	341.0	8.5
7465.058333	43.90	---	74.00	30.10	150.0	H	353.0	8.6
12124.091667	48.65	---	74.00	25.35	150.0	H	97.0	14.3
12144.250000	---	39.59	54.00	14.41	150.0	H	135.0	14.4

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 2.4G_10M_2441.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

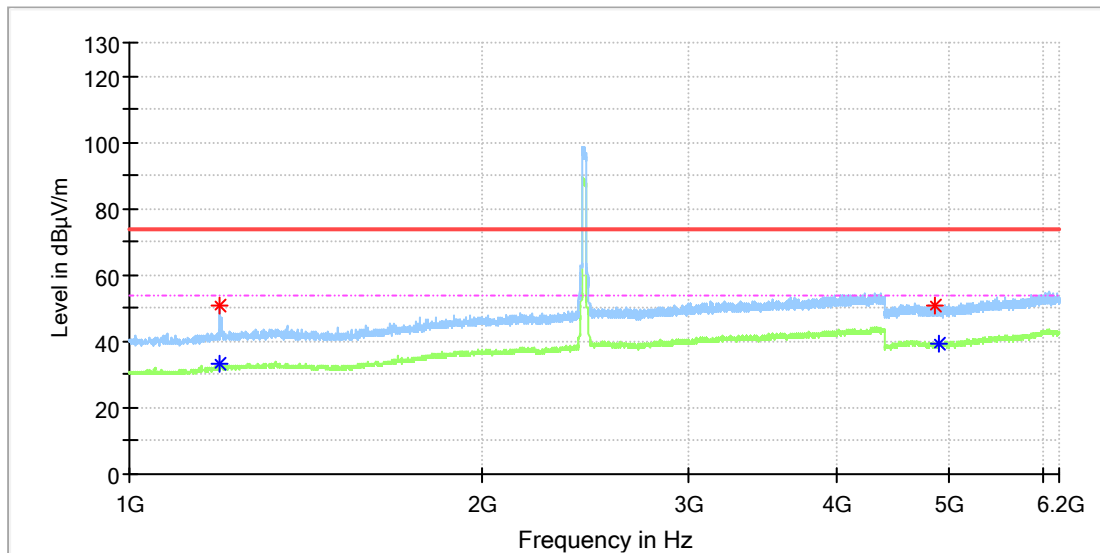
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7427.200000	42.98	---	74.00	31.02	150.0	V	139.0	8.4
7467.025000	---	34.43	54.00	19.57	150.0	V	340.0	8.6
12155.558333	---	39.70	54.00	14.30	150.0	V	340.0	14.4
12261.758333	49.50	---	74.00	24.50	150.0	V	54.0	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 2.4G_20M_2441.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

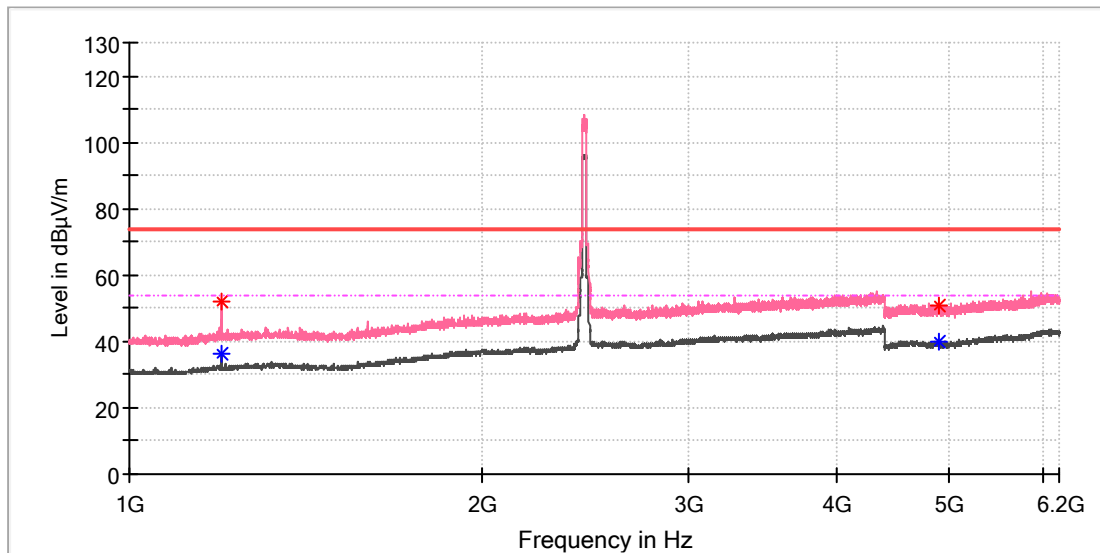
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1194.500000	51.05	---	74.00	22.95	150.0	H	315.0	1.1
1194.500000	---	33.24	54.00	20.76	150.0	H	315.0	1.1
4868.000000	50.85	---	74.00	23.15	150.0	H	347.0	11.8
4897.000000	---	39.34	54.00	14.66	150.0	H	156.0	11.8

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 2.4G_20M_2441.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

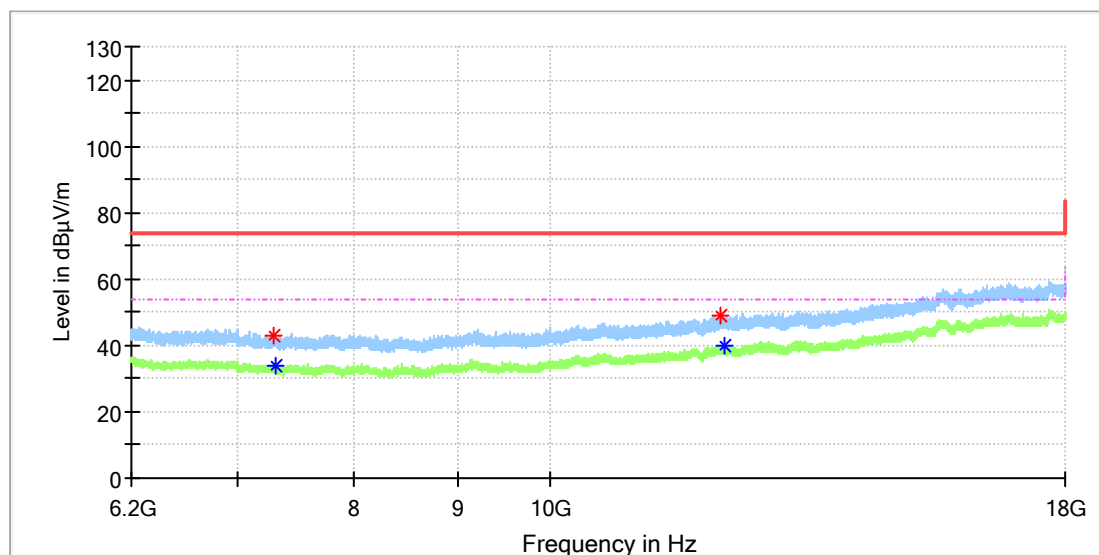
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1199.000000	51.85	---	74.00	22.15	150.0	V	52.0	1.1
1199.000000	---	36.51	54.00	17.49	150.0	V	52.0	1.1
4897.500000	50.55	---	74.00	23.45	150.0	V	288.0	11.8
4902.500000	---	39.63	54.00	14.37	150.0	V	263.0	11.8

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 2.4G_20M_2441.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

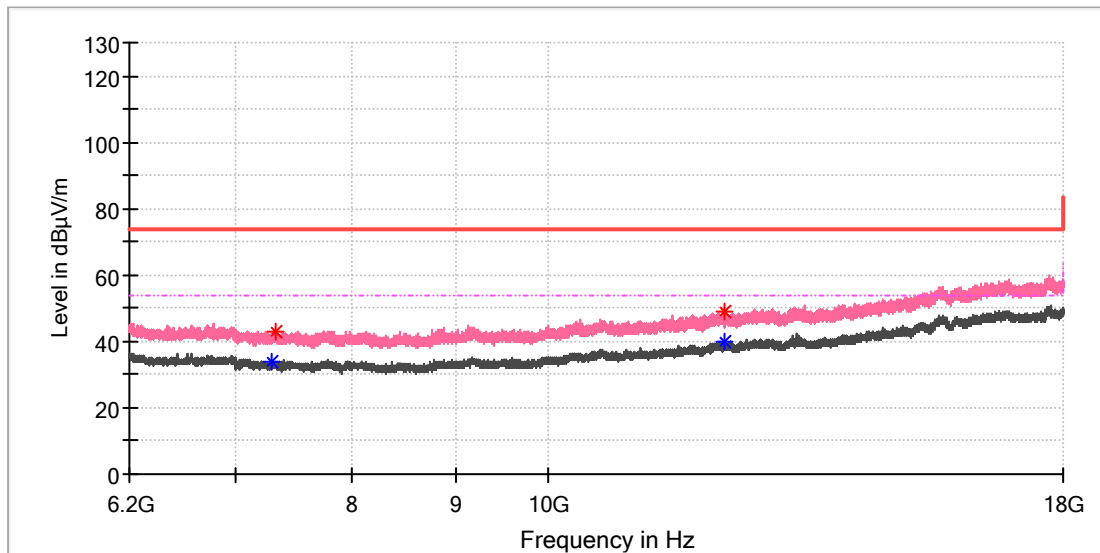
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7292.975000	42.82	---	74.00	31.18	150.0	H	108.0	8.3
7302.316667	---	34.14	54.00	19.86	150.0	H	36.0	8.3
12145.233333	49.05	---	74.00	24.95	150.0	H	60.0	14.4
12189.483333	---	39.98	54.00	14.02	150.0	H	24.0	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 2.4G_20M_2441.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

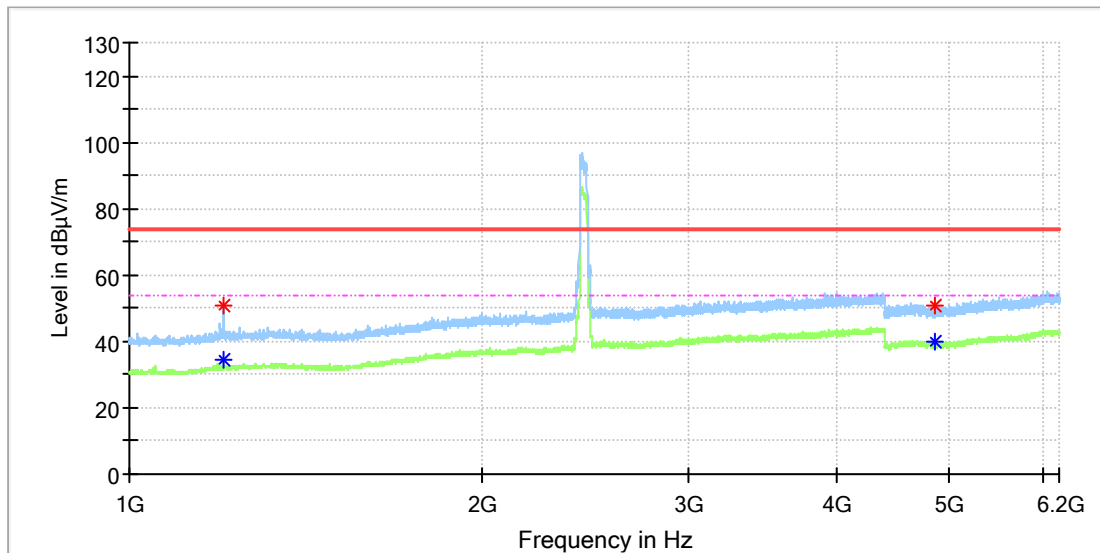
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7287.566667	---	33.91	54.00	20.09	150.0	V	20.0	8.4
7326.900000	43.18	---	74.00	30.82	150.0	V	6.0	8.1
12217.508333	48.77	---	74.00	25.23	150.0	V	170.0	14.7
12226.850000	---	40.01	54.00	13.99	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)
---	---	---	---	---		---	---

EUT Information

EUT Name: DJI SDR Transmission
Model: RX5
Test Mode: SDR 2.4G_40M_2437.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

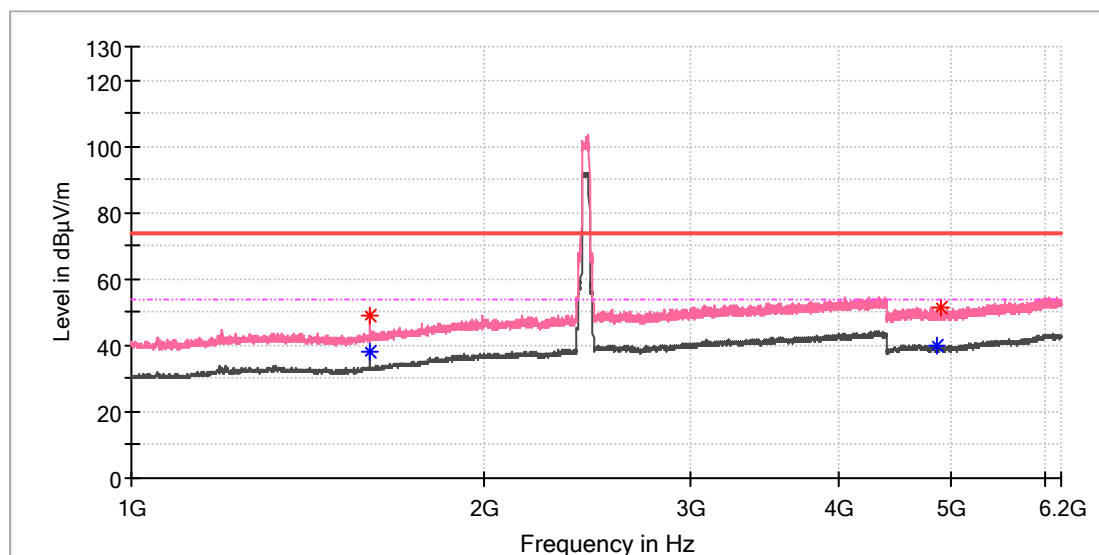
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1201.500000	50.50	---	74.00	23.50	150.0	H	316.0	1.2
1201.500000	---	34.72	54.00	19.28	150.0	H	316.0	1.2
4862.500000	---	39.62	54.00	14.38	150.0	H	203.0	11.8
4863.000000	50.53	---	74.00	23.47	150.0	H	304.0	11.8

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 2.4G_40M_2437.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

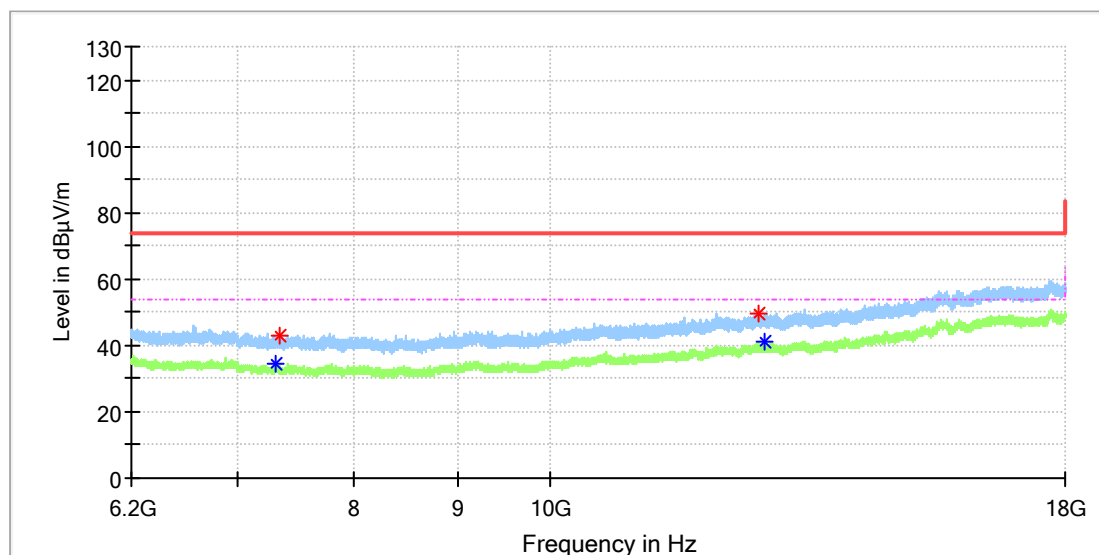
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1596.500000	49.22	---	74.00	24.78	150.0	V	133.0	2.1
1596.500000	---	37.80	54.00	16.20	150.0	V	133.0	2.1
4858.000000	---	39.65	54.00	14.35	150.0	V	310.0	11.8
4903.000000	51.28	---	74.00	22.72	150.0	V	87.0	11.8

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 2.4G_40M_2437.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

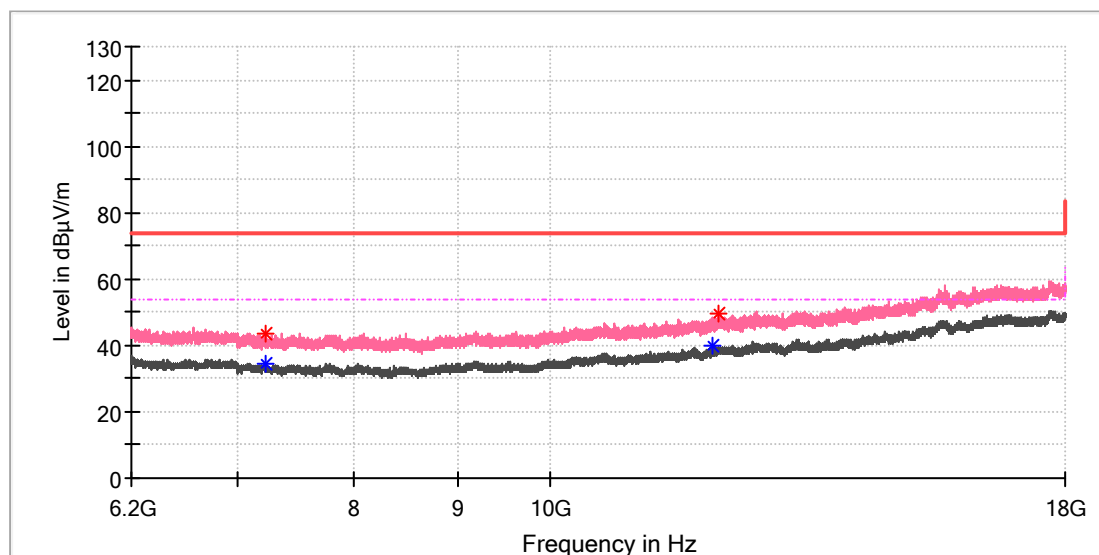
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7310.675000	---	34.38	54.00	19.62	150.0	H	44.0	8.2
7341.650000	43.03	---	74.00	30.97	150.0	H	82.0	8.1
12690.983333	49.57	---	74.00	24.43	150.0	H	348.0	15.1
12782.433333	---	40.93	54.00	13.07	150.0	H	336.0	15.2

Final Result

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

EUT Information

EUT Name: DJI SDR Transmission
Model: RX5
Test Mode: SDR 2.4G_40M_2437.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
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)
7230.533333	43.45	---	74.00	30.55	150.0	V	209.0	8.6
7231.025000	---	34.26	54.00	19.74	150.0	V	52.0	8.6
12048.375000	---	40.12	54.00	13.88	150.0	V	18.0	14.0
12129.500000	49.79	---	74.00	24.21	150.0	V	76.0	14.3

Final Result

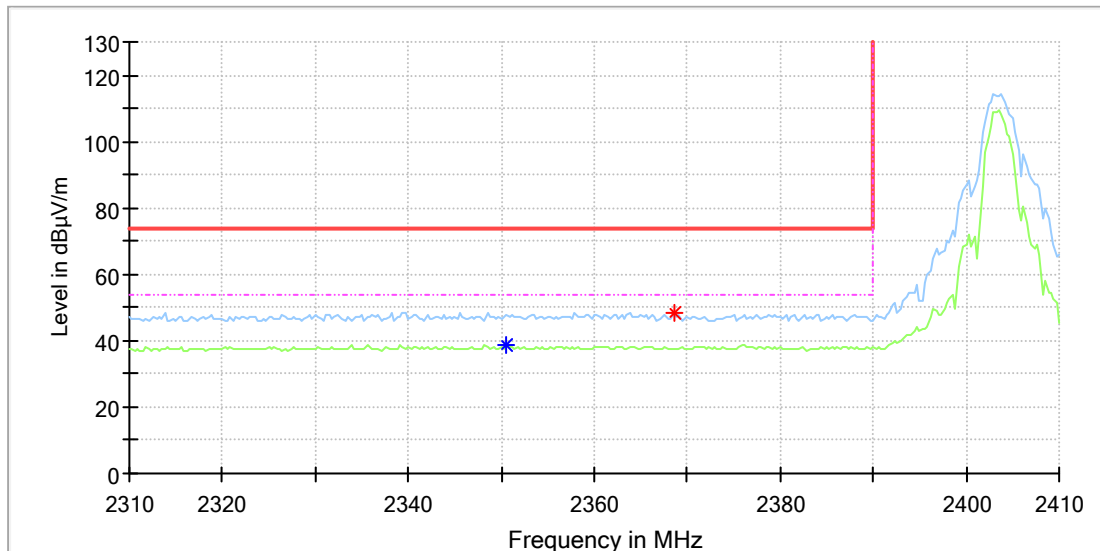
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

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

2.4GHz SDR, 1.4MHz BW

EUT Information

EUT Name:	DJI SDR Transmission
Model:	RX5
Test Mode:	SDR 2.4G_1.4M_2403.5MHz
Order No/Sample No:	168449632/A003634023-002
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

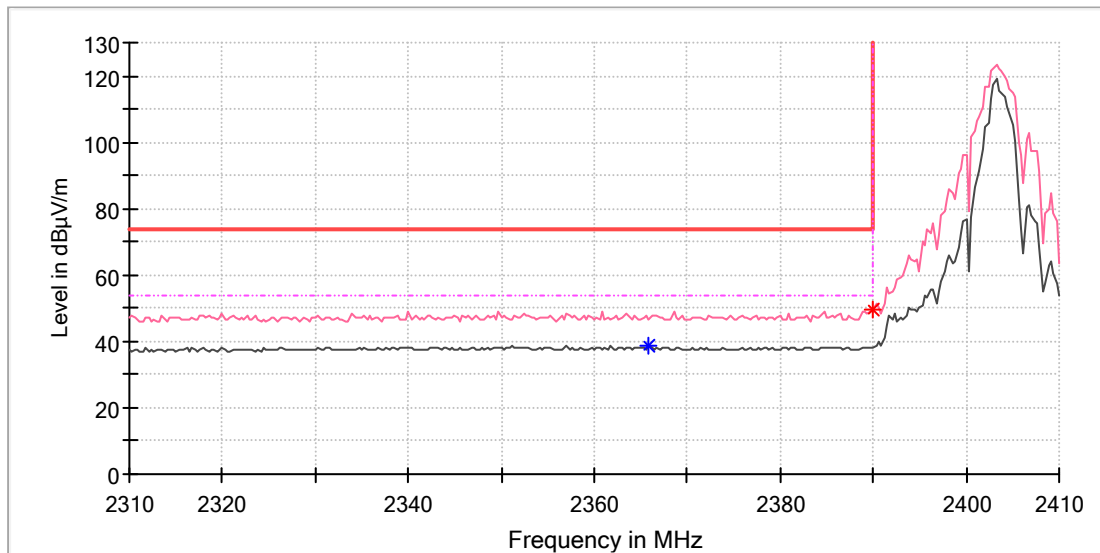
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2350.588235	---	38.76	54.00	15.24	150.0	H	285.0	6.9
2368.529412	48.56	---	74.00	25.44	150.0	H	355.0	6.9

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 2.4G_1.4M_2403.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

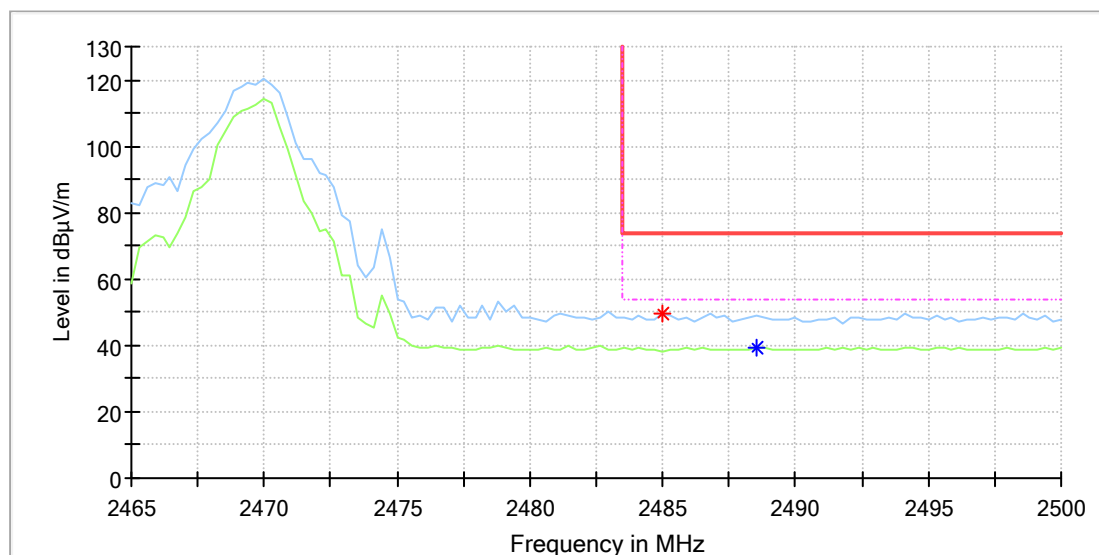
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2365.882353	---	38.47	54.00	15.53	150.0	V	49.0	6.9
2390.000000	49.51	---	74.00	24.49	150.0	V	118.0	7.0

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 2.4G_1.4M_2469.5MHz
Order No/Sample No:	168449632/A003634023-002
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

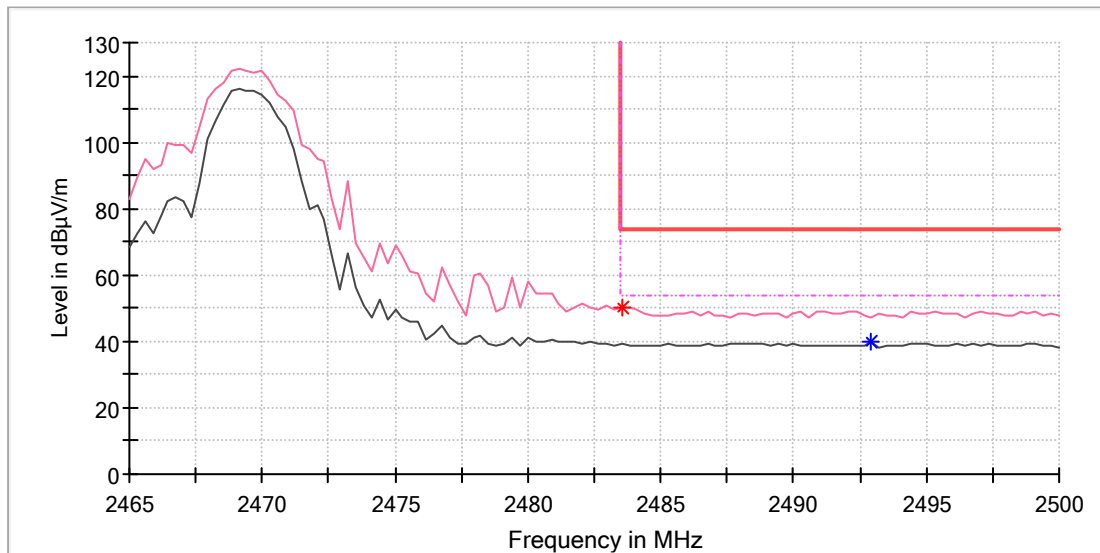
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2485.000000	49.63	---	74.00	24.37	150.0	H	57.0	7.4
2488.529412	---	39.38	54.00	14.62	150.0	H	72.0	7.4

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 2.4G_1.4M_2469.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
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)
2483.529412	50.26	---	74.00	23.74	150.0	V	203.0	7.4
2492.941177	---	39.68	54.00	14.32	150.0	V	347.0	7.4

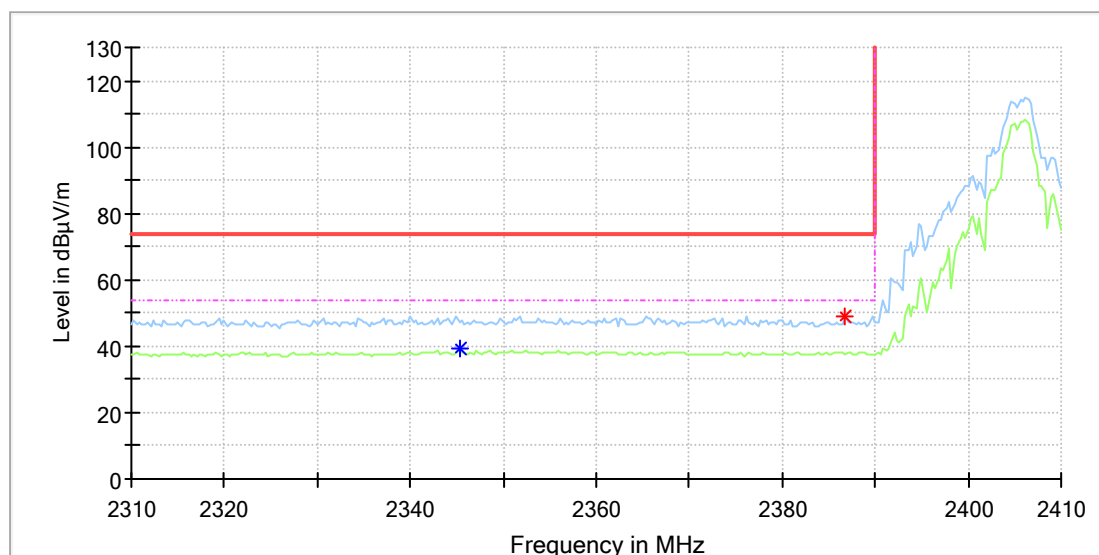
Final Result

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

2.4GHz SDR, 3MHz BW

EUT Information

EUT Name:	DJI SDR Transmission
Model:	RX5
Test Mode:	SDR 2.4G_3M_2405.5MHz
Order No/Sample No:	168449632/A003634023-002
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

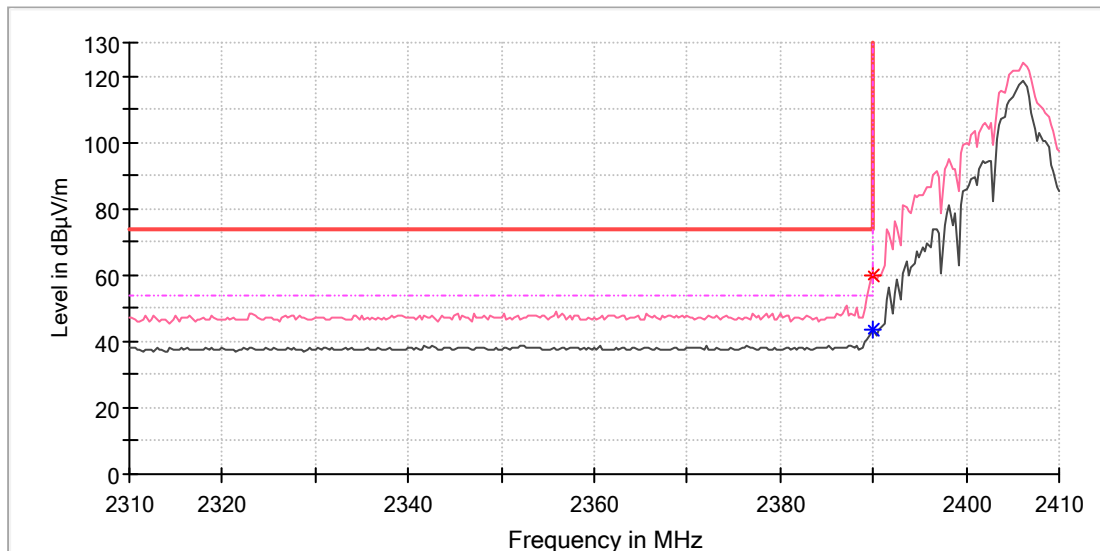
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2345.294118	---	39.39	54.00	14.61	150.0	H	159.0	6.9
2386.764706	48.96	---	74.00	25.04	150.0	H	286.0	7.0

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 2.4G_3M_2405.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

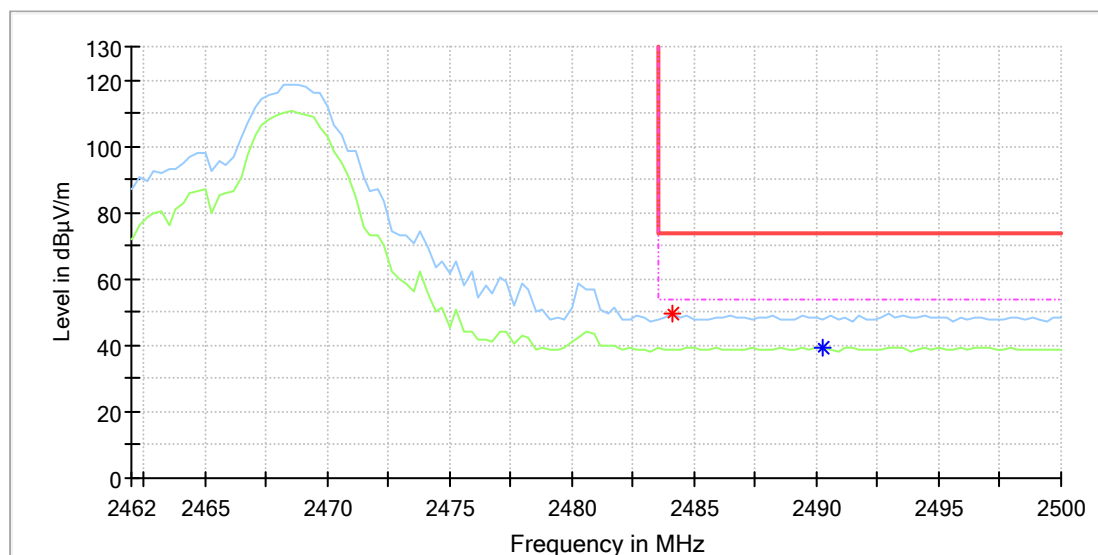
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2390.000000	---	43.72	54.00	10.28	150.0	V	183.0	7.0
2390.000000	59.59	---	74.00	14.41	150.0	V	183.0	7.0

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 2.4G_3M_2468.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

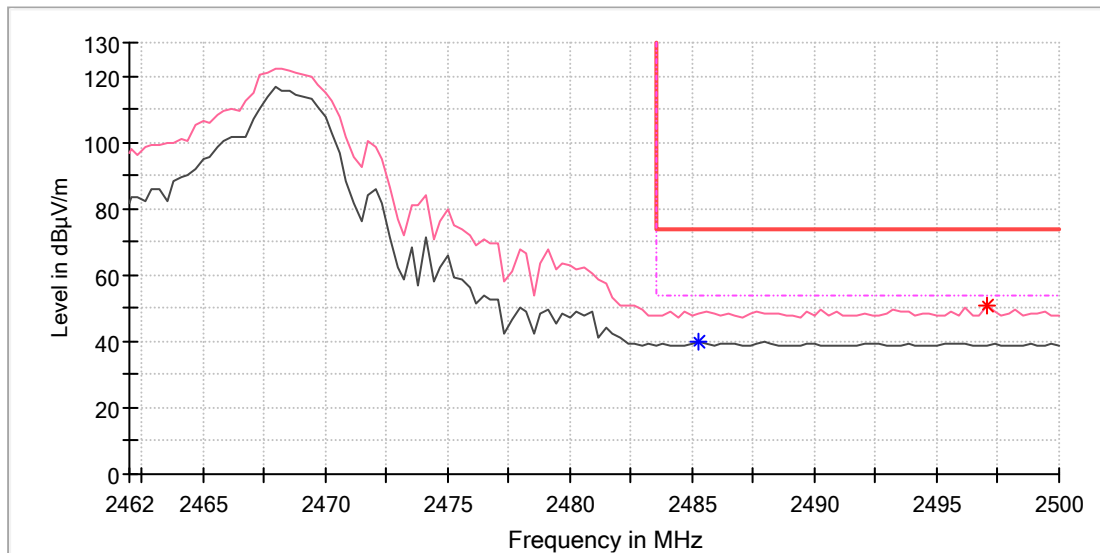
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.117647	49.31	---	74.00	24.69	150.0	H	339.0	7.4
2490.294118	---	39.57	54.00	14.43	150.0	H	226.0	7.4

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 2.4G_3M_2468.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
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)
2485.294118	---	39.78	54.00	14.22	150.0	V	234.0	7.4
2497.058824	50.56	---	74.00	23.44	150.0	V	305.0	7.4

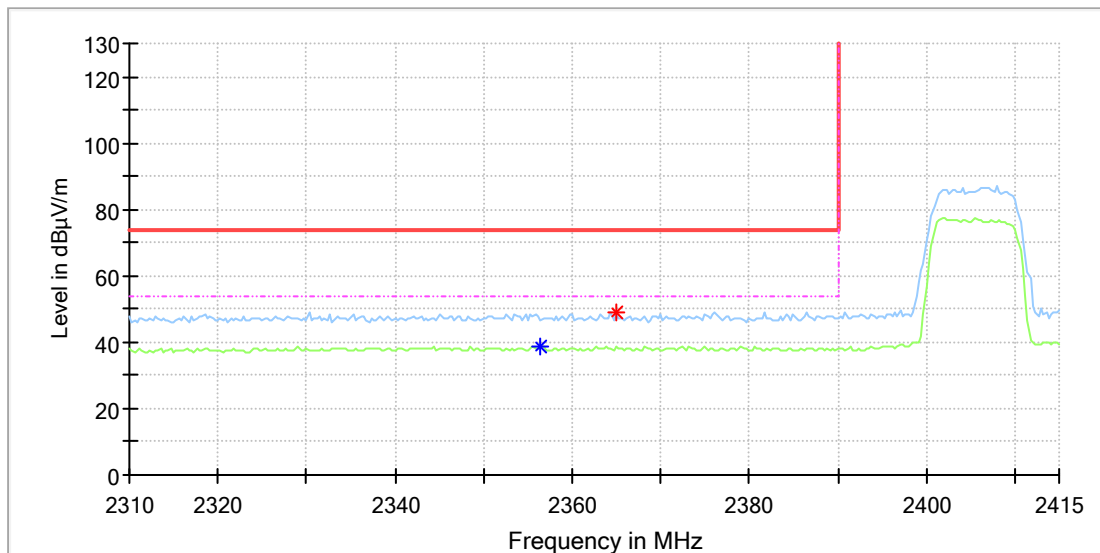
Final Result

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

2.4GHz SDR, 10MHz BW

EUT Information

EUT Name:	DJI SDR Transmission
Model:	RX5
Test Mode:	SDR 2.4G_10M_2405.5MHz
Order No/Sample No:	168449632/A003634023-002
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

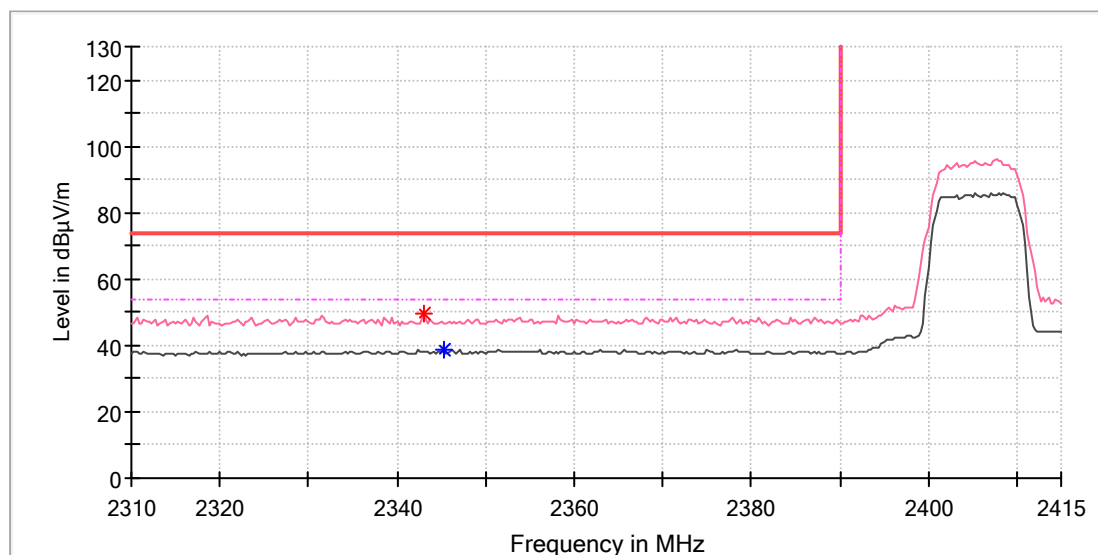
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2356.470588	---	38.70	54.00	15.30	150.0	H	184.0	6.9
2365.000000	49.14	---	74.00	24.86	150.0	H	326.0	6.9

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 2.4G_10M_2405.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

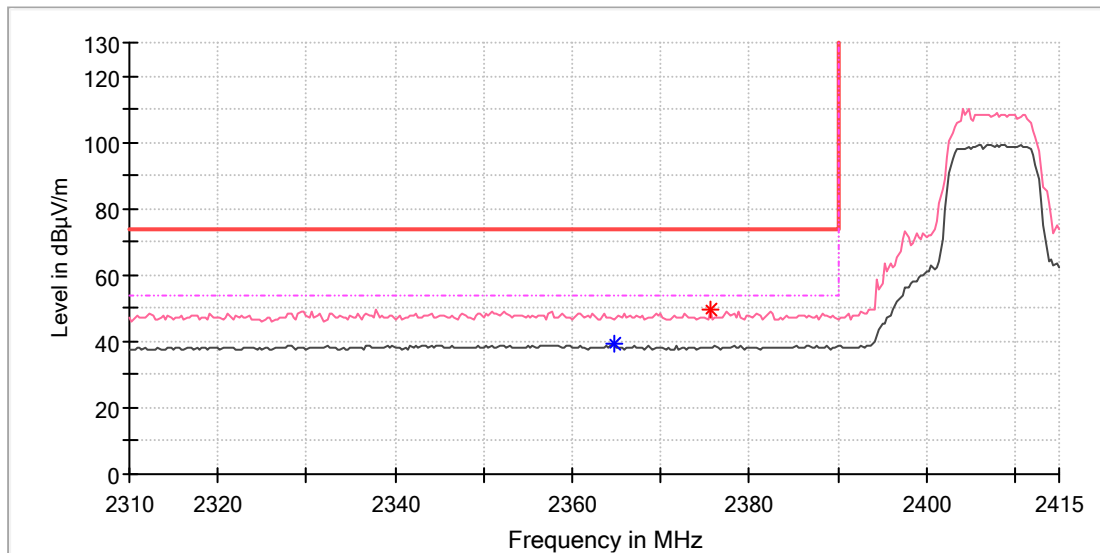
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2342.941177	49.30	---	74.00	24.70	150.0	V	312.0	6.8
2345.294118	---	38.83	54.00	15.17	150.0	V	0.0	6.9

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 2.4G_10M_2407.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

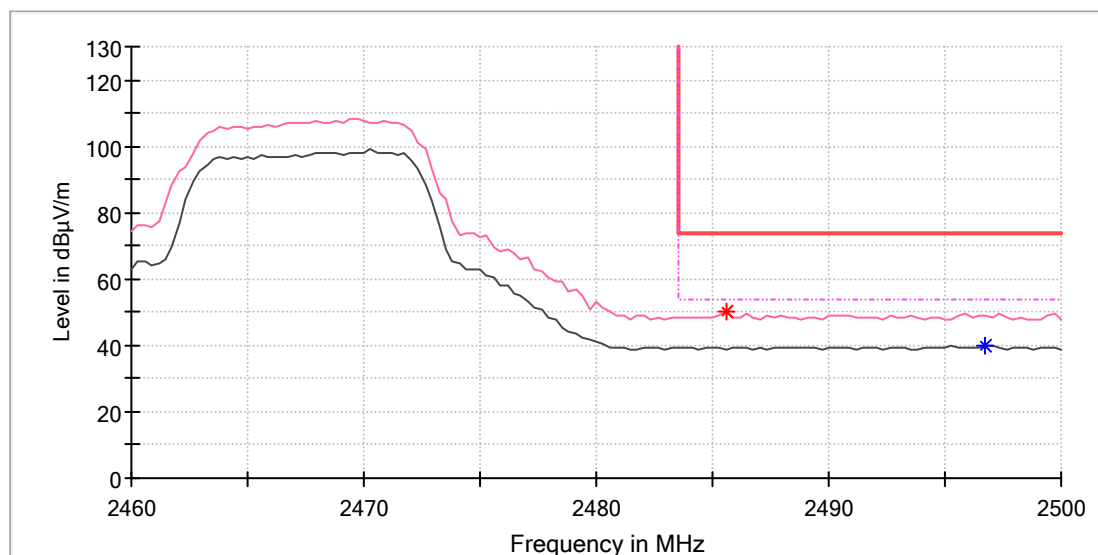
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2364.705882	---	39.21	54.00	14.79	150.0	V	117.0	6.9
2375.588235	49.44	---	74.00	24.56	150.0	V	343.0	6.9

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 2.4G_10M_2467.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

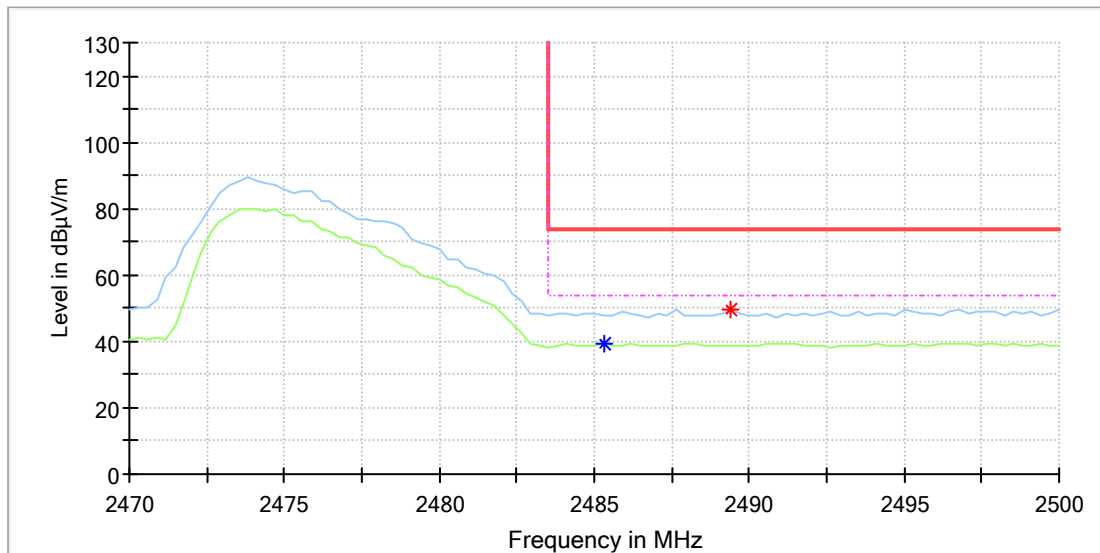
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2485.588235	50.39	---	74.00	23.61	150.0	V	299.0	7.4
2496.764706	---	40.00	54.00	14.00	150.0	V	218.0	7.4

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 2.4G_10M_2477.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

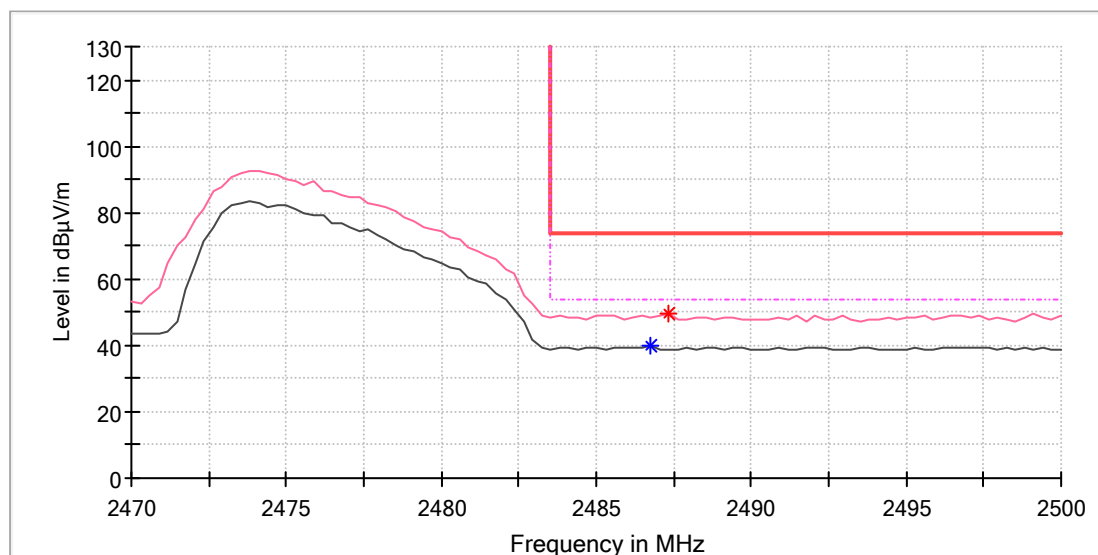
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2485.294118	---	39.56	54.00	14.44	150.0	H	247.0	7.4
2489.411765	49.75	---	74.00	24.25	150.0	H	57.0	7.4

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 2.4G_10M_2477.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
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)
2486.764706	---	39.62	54.00	14.38	150.0	V	328.0	7.4
2487.352941	49.62	---	74.00	24.38	150.0	V	328.0	7.4

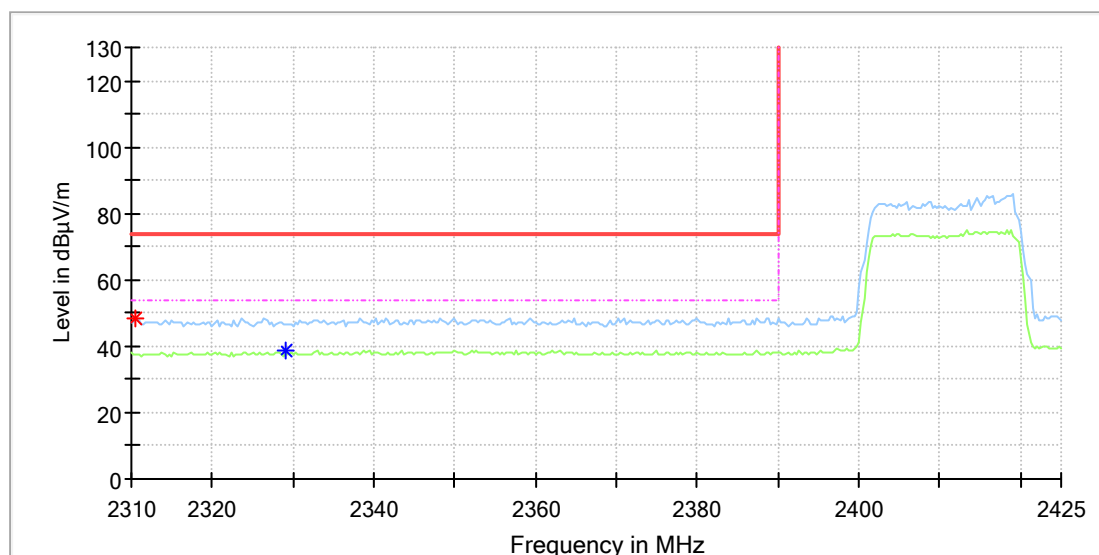
Final Result

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

2.4GHz SDR, 20MHz BW

EUT Information

EUT Name:	DJI SDR Transmission
Model:	RX5
Test Mode:	SDR 2.4G_20M_2410.5MHz
Order No/Sample No:	168449632/A003634023-002
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

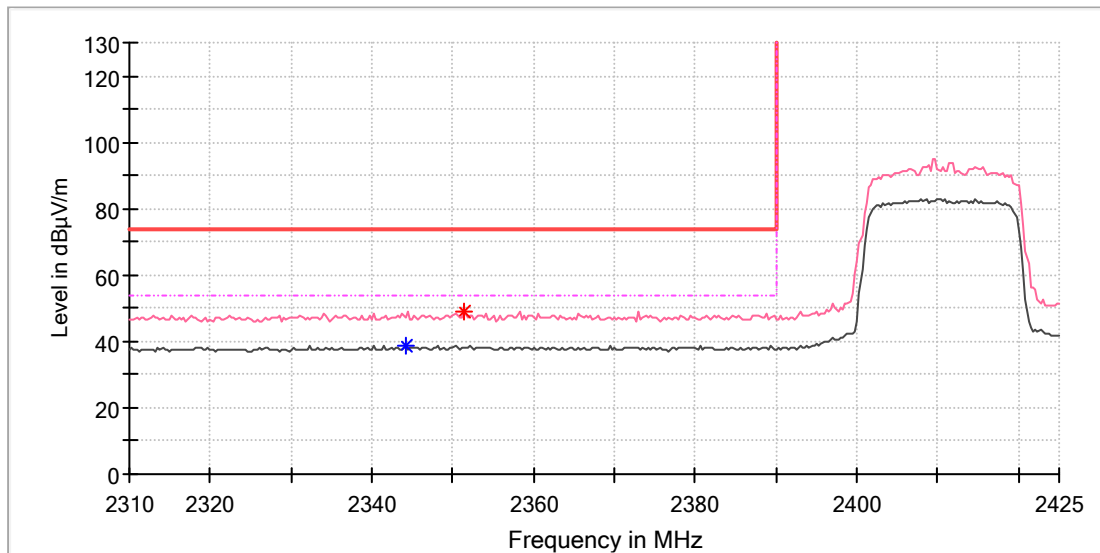
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2310.588235	48.62	---	74.00	25.38	150.0	H	86.0	6.5
2329.117647	---	38.93	54.00	15.07	150.0	H	0.0	6.7

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 2.4G_20M_2410.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

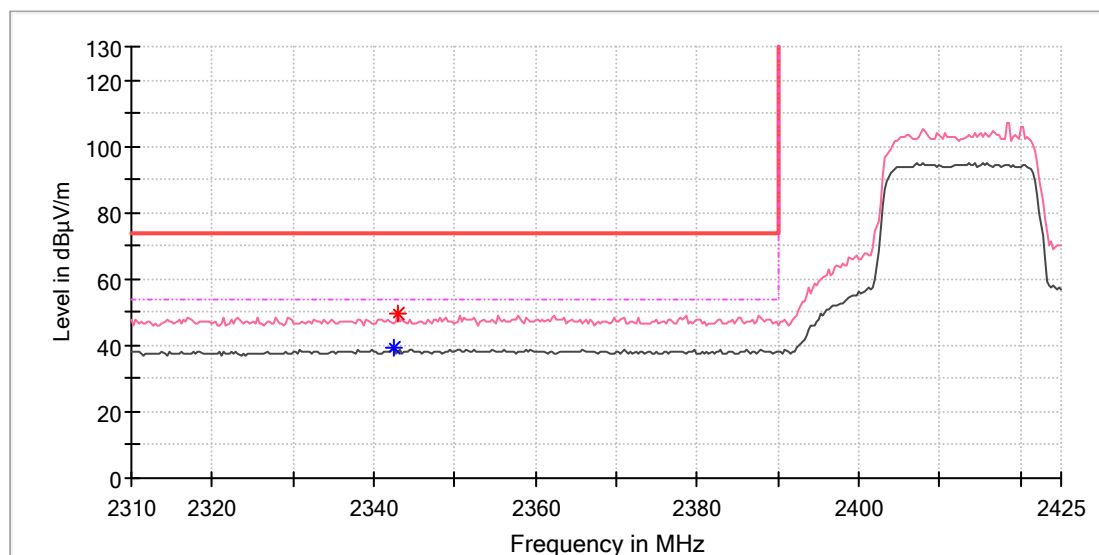
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2344.117647	---	38.71	54.00	15.29	150.0	V	249.0	6.9
2351.470588	49.27	---	74.00	24.73	150.0	V	174.0	6.9

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 2.4G_20M_2412.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

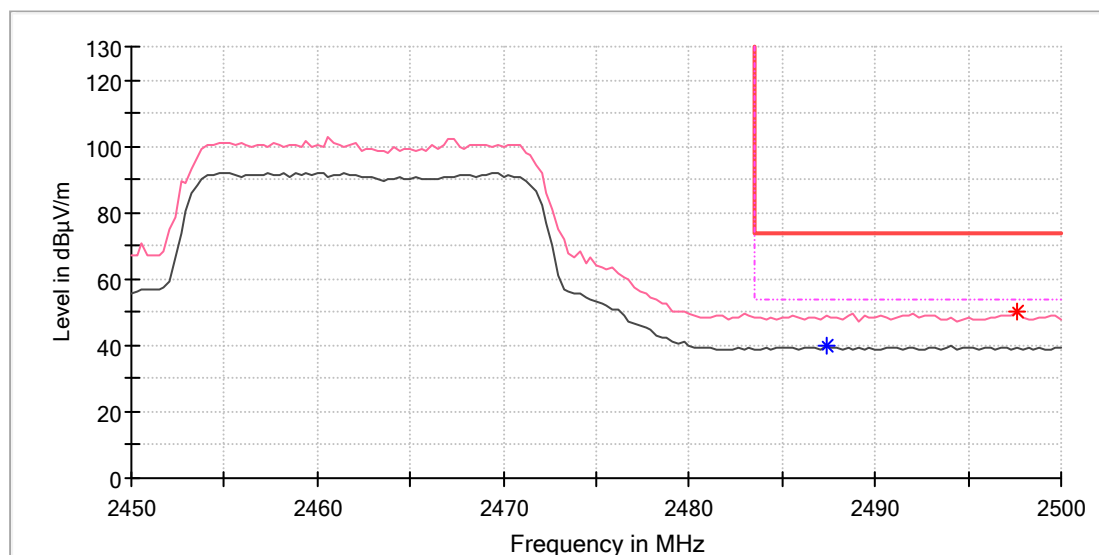
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2342.352941	---	39.06	54.00	14.94	150.0	V	330.0	6.8
2342.941177	49.63	---	74.00	24.37	150.0	V	124.0	6.8

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 2.4G_20M_2462.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

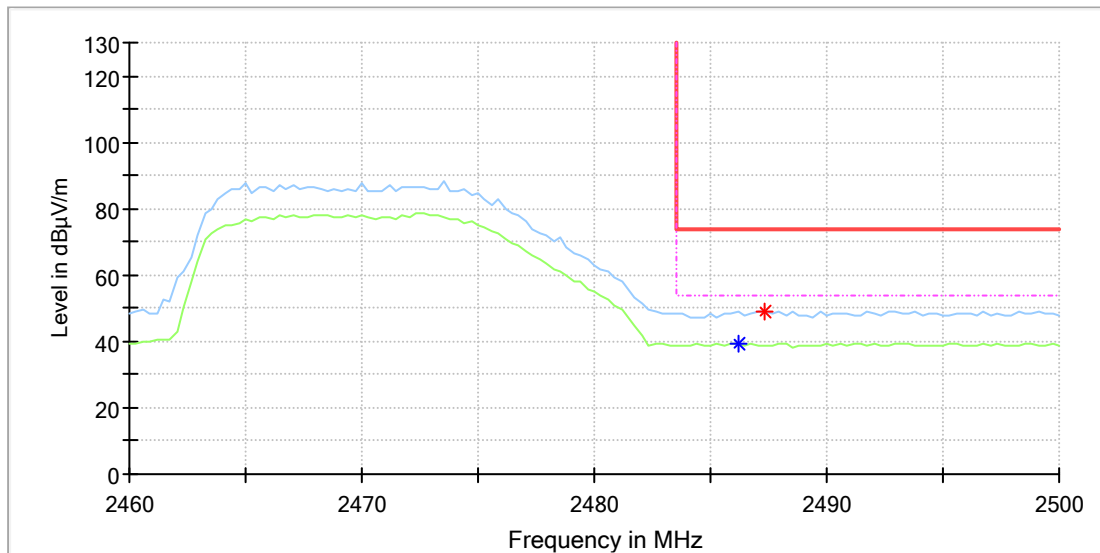
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2487.352941	---	39.76	54.00	14.24	150.0	V	19.0	7.4
2497.647059	50.03	---	74.00	23.97	150.0	V	168.0	7.4

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 2.4G_20M_2472.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

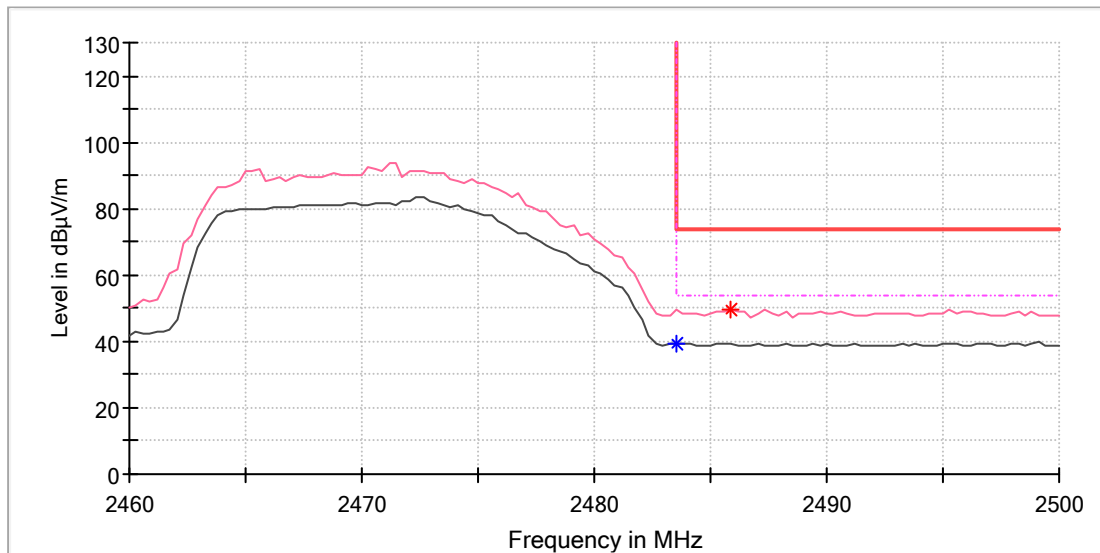
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2486.176471	---	39.33	54.00	14.67	150.0	H	318.0	7.4
2487.352941	49.16	---	74.00	24.84	150.0	H	232.0	7.4

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 2.4G_20M_2472.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
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)
2483.529412	---	39.60	54.00	14.40	150.0	V	257.0	7.4
2485.882353	49.77	---	74.00	24.23	150.0	V	229.0	7.4

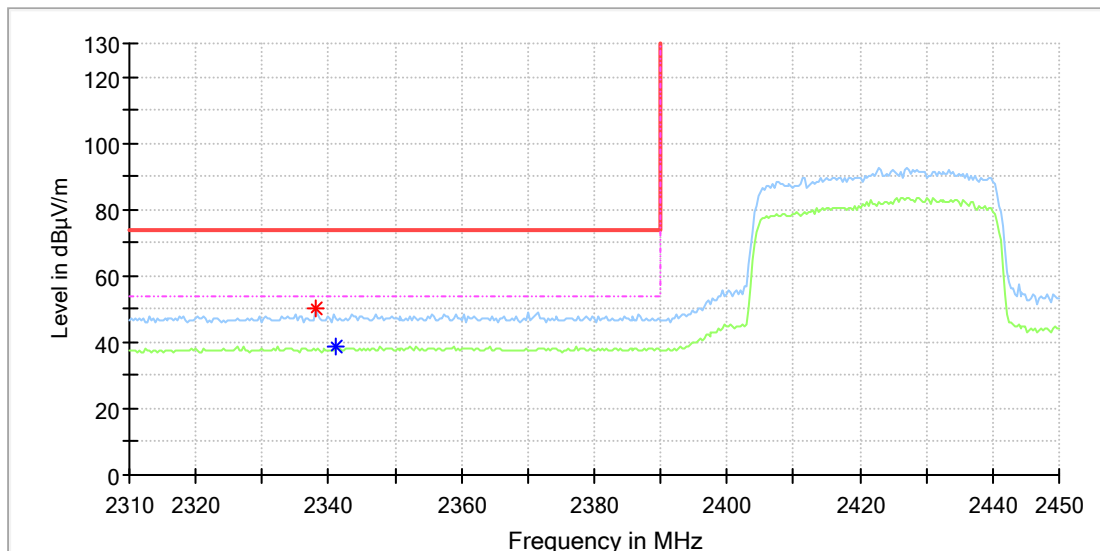
Final Result

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

2.4GHz SDR, 40MHz BW

EUT Information

EUT Name:	DJI SDR Transmission
Model:	RX5
Test Mode:	SDR 2.4G_40M_2422.5MHz
Order No/Sample No:	168449632/A003634023-002
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

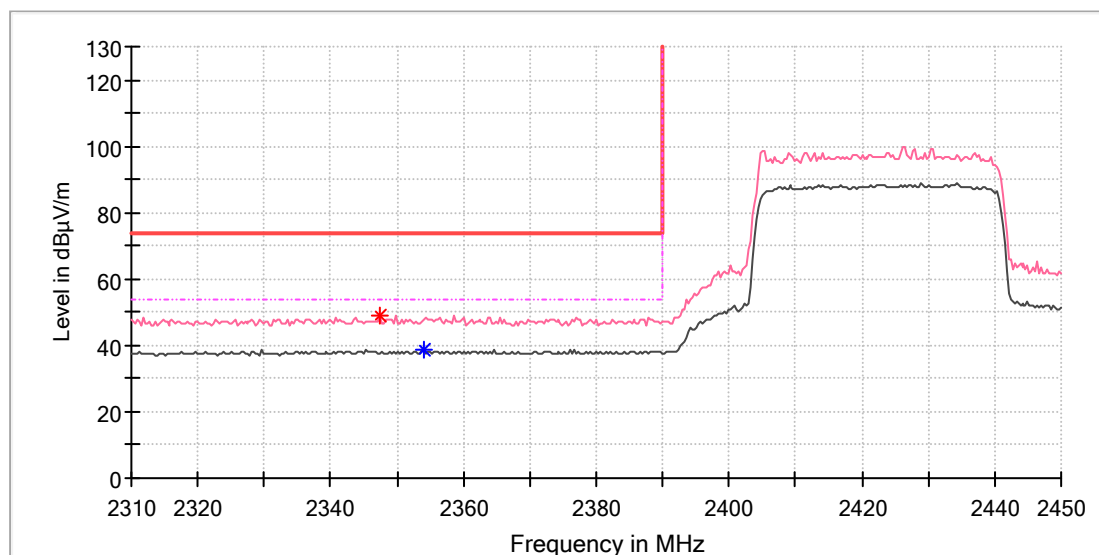
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2337.941177	50.04	---	74.00	23.96	150.0	H	312.0	6.8
2341.176471	---	38.94	54.00	15.06	150.0	H	327.0	6.8

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 2.4G_40M_2422.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

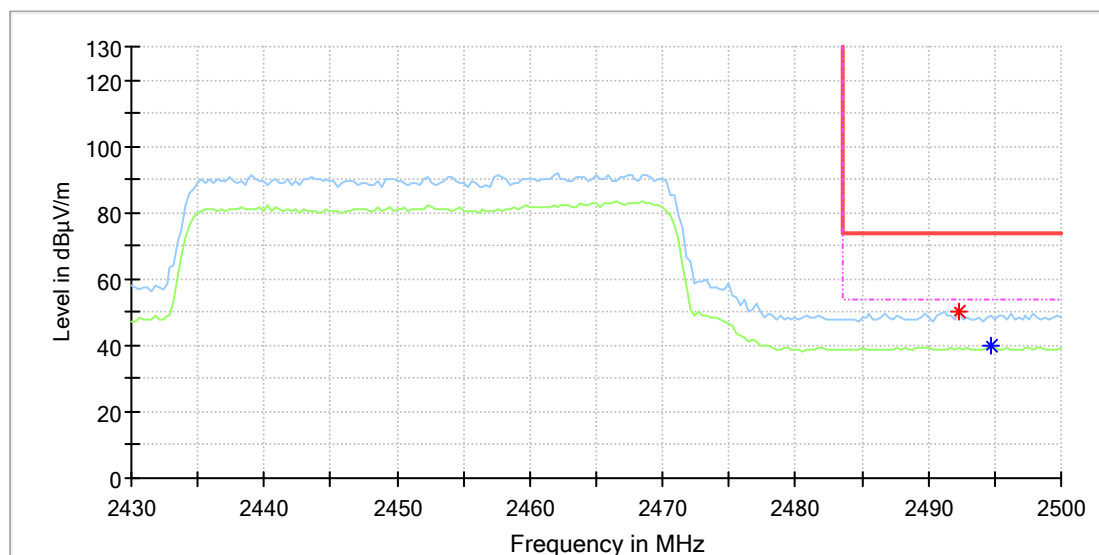
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2347.352941	48.84	---	74.00	25.16	150.0	V	1.0	6.9
2354.117647	---	38.59	54.00	15.41	150.0	V	226.0	6.9

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 2.4G_40M_2452.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

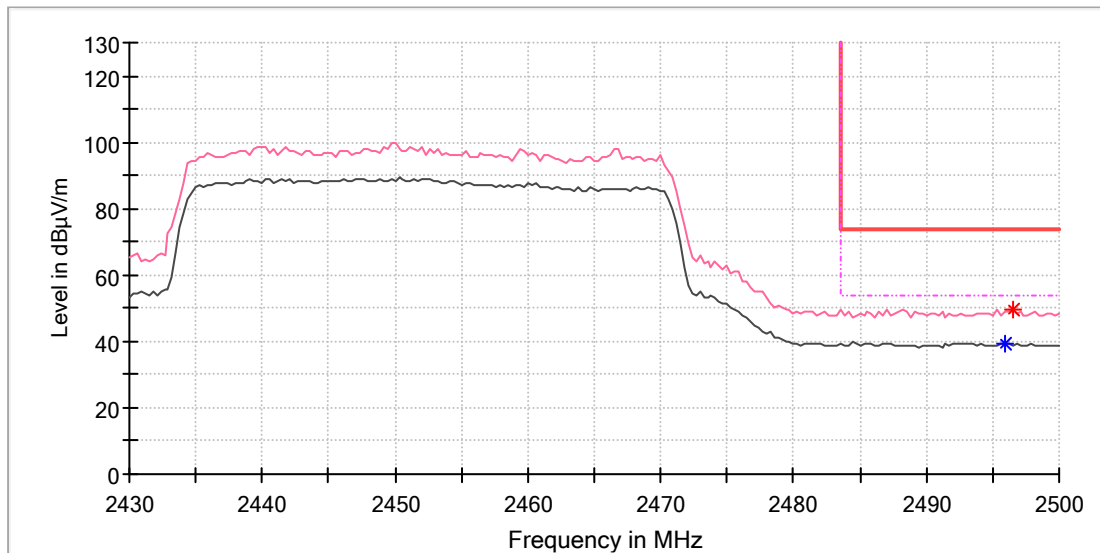
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2492.352941	50.19	---	74.00	23.81	150.0	H	96.0	7.4
2494.705882	---	39.66	54.00	14.34	150.0	H	186.0	7.4

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 2.4G_40M_2452.5MHz
Order No/Sample No: 168449632/A003634023-002
Test Voltage: AC 120V, 60Hz
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
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)
2495.882353	---	39.57	54.00	14.43	150.0	V	195.0	7.4
2496.470588	49.47	---	74.00	24.53	150.0	V	109.0	7.4

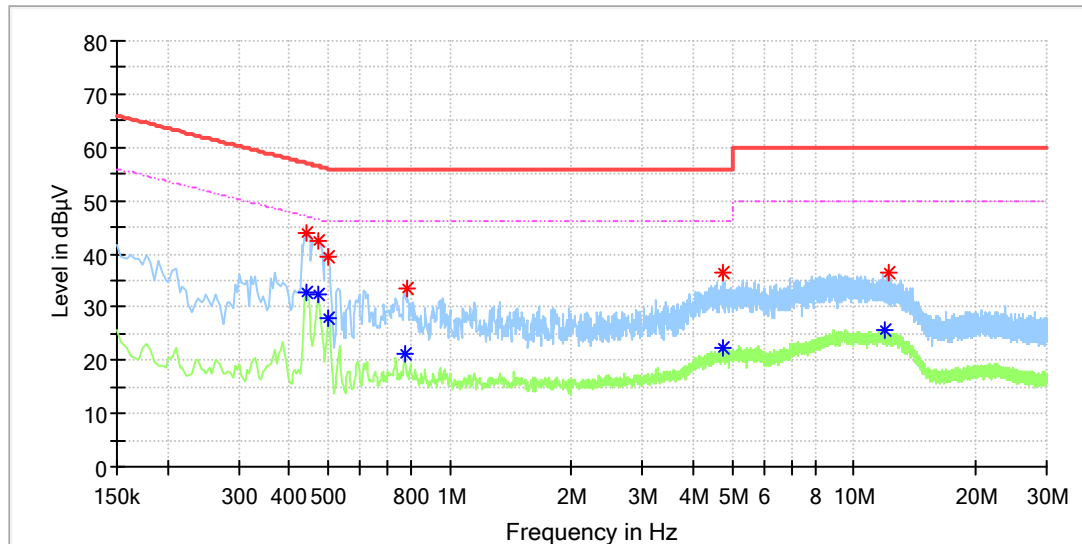
Final Result

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

Appendix A.7: Test Results of 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

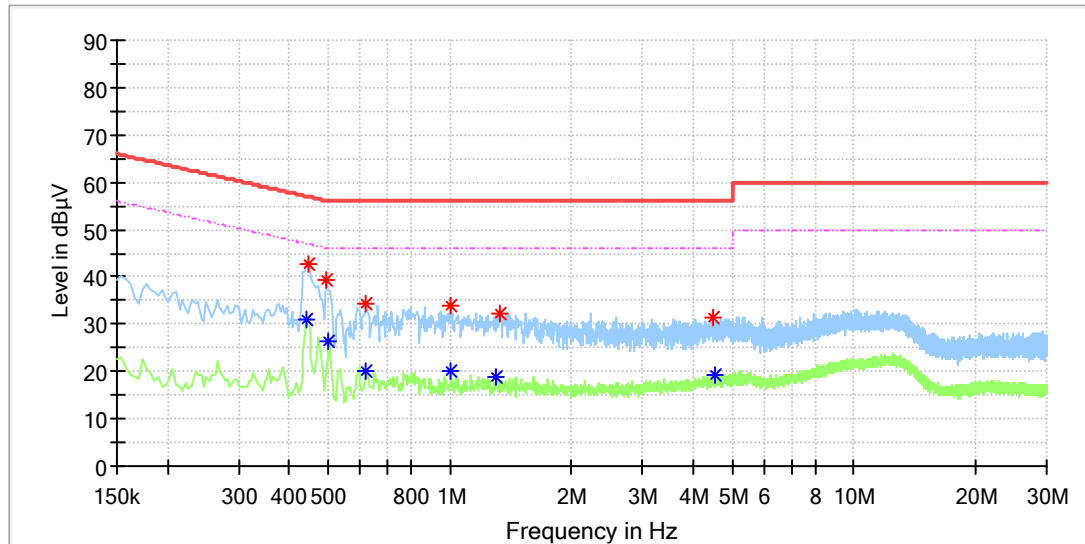


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.442000	---	32.86	47.02	14.16	L1	9.9
0.442000	44.00	---	57.02	13.03	L1	9.9
0.470000	42.42	---	56.51	14.09	L1	9.9
0.474000	---	32.39	46.44	14.05	L1	9.9
0.498000	---	28.02	46.03	18.01	L1	9.9
0.500000	39.53	---	56.00	16.47	L1	9.9
0.772000	---	21.30	46.00	24.70	L1	9.8
0.784000	33.62	---	56.00	22.38	L1	9.8
4.752000	---	22.28	46.00	23.72	L1	10.0
4.752000	36.33	---	56.00	19.67	L1	10.0
11.912000	---	25.73	50.00	24.27	L1	10.0
12.156000	36.34	---	60.00	23.66	L1	10.0

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)
0.442000	---	31.01	47.02	16.01	N	9.7
0.446000	42.58	---	56.95	14.37	N	9.7
0.494000	39.22	---	56.10	16.88	N	9.7
0.500000	---	26.23	46.00	19.77	N	9.7
0.620000	---	20.16	46.00	25.84	N	9.8
0.620000	34.37	---	56.00	21.63	N	9.8
1.008000	---	19.94	46.00	26.06	N	9.6
1.008000	33.91	---	56.00	22.09	N	9.6
1.300000	---	19.00	46.00	27.00	N	9.7
1.336000	32.38	---	56.00	23.62	N	9.7
4.484000	31.33	---	56.00	24.67	N	10.0
4.536000	---	19.31	46.00	26.69	N	10.0