



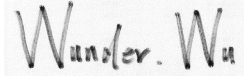
Appendix A

RF Test Data for 2.4G WIFI (Conducted Measurement)

Product Name: Video Doorbell Pro

Test Model: V8P1AX11

Environmental Conditions

Temperature:	23.5°C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	 Wunder Wu
Supervised by:	 Li Huan



A.1 DTS Bandwidth

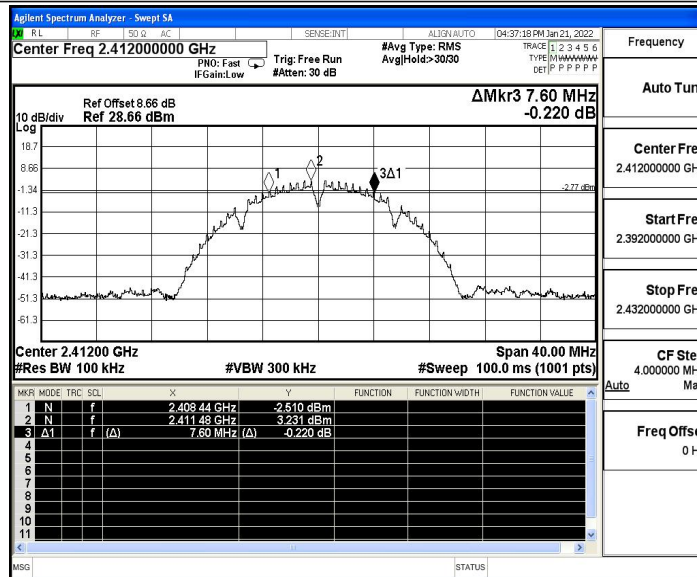
Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	7.600	2408.440	2416.040	0.5	PASS
		2437	8.000	2433.000	2441.000	0.5	PASS
		2462	8.040	2457.960	2466.000	0.5	PASS
11G	Ant1	2412	15.440	2404.440	2419.880	0.5	PASS
		2437	15.440	2429.440	2444.880	0.5	PASS
		2462	15.080	2454.440	2469.520	0.5	PASS
11N20SISO	Ant1	2412	15.280	2404.440	2419.720	0.5	PASS
		2437	15.320	2429.440	2444.760	0.5	PASS
		2462	15.120	2454.440	2469.560	0.5	PASS
11N40SISO	Ant1	2422	33.840	2405.680	2439.520	0.5	PASS
		2437	35.040	2419.480	2454.520	0.5	PASS
		2452	35.040	2434.480	2469.520	0.5	PASS

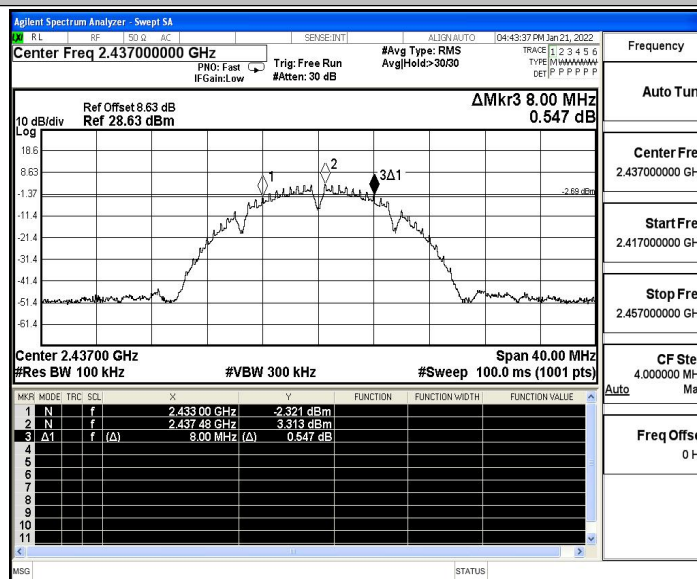


Test Graphs

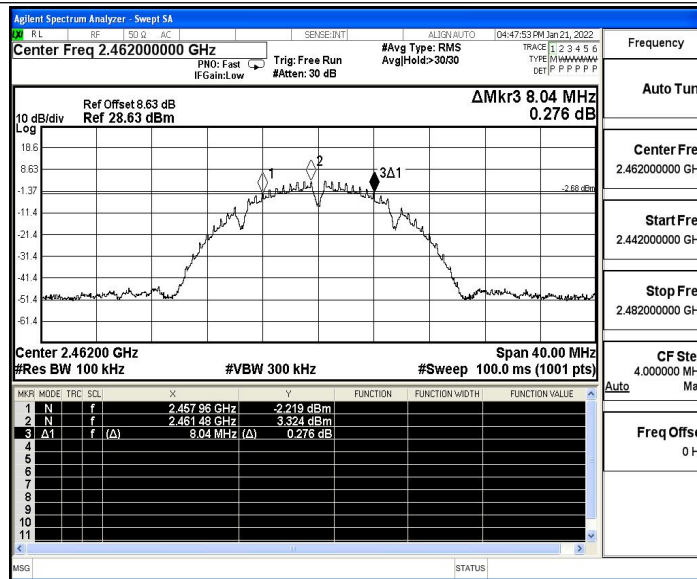
11B_Ant1_2412



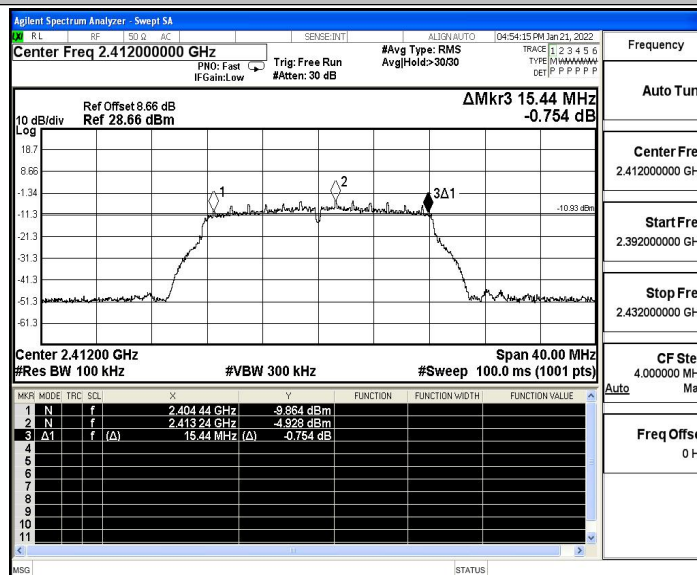
11B_Ant1_2437



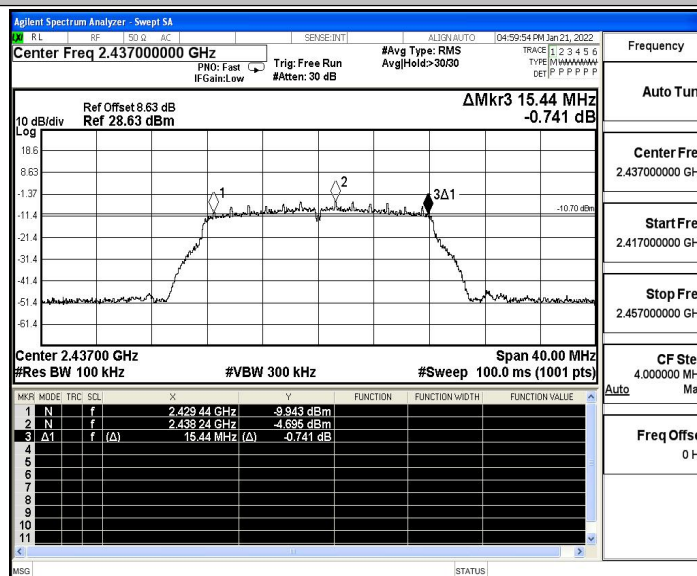
11B_Ant1_2462



11G_Ant1_2412

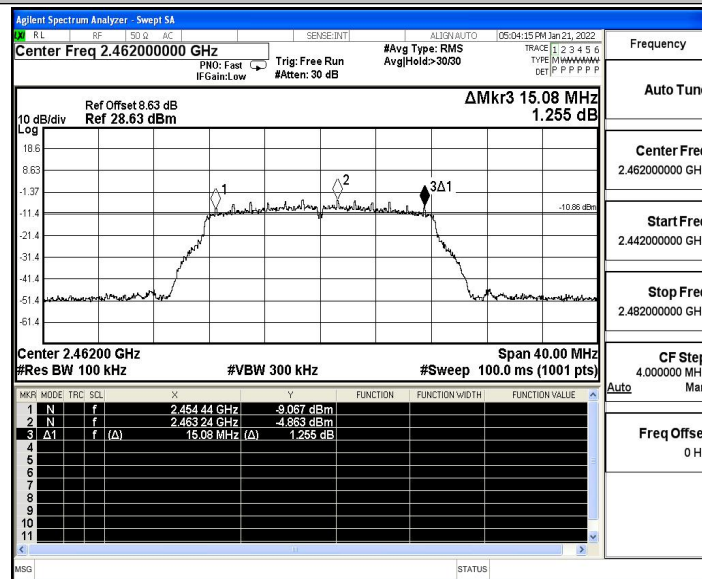


11G_Ant1_2437

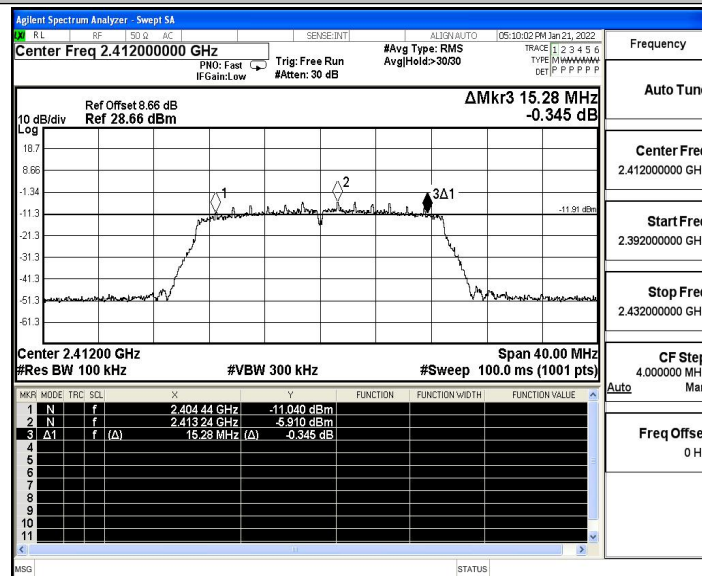




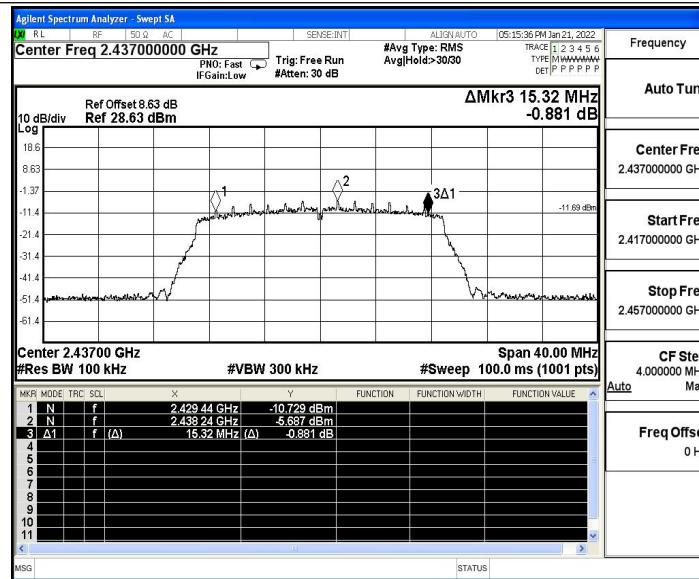
11G_Ant1_2462



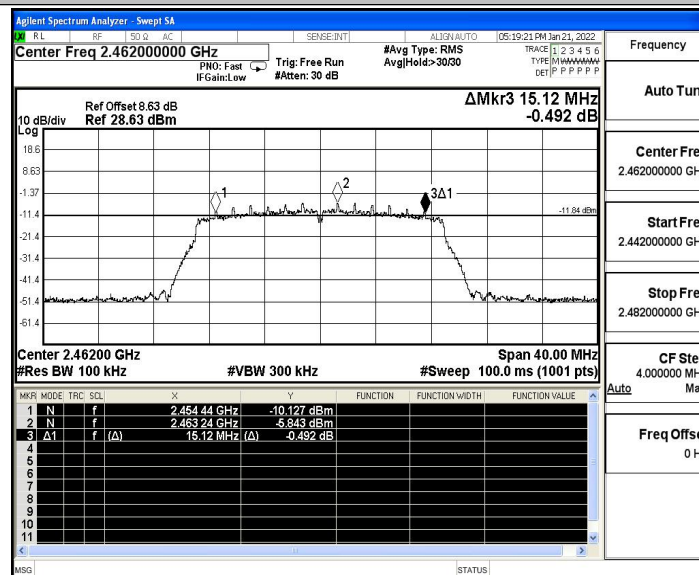
11N20SISO_Ant1_2412



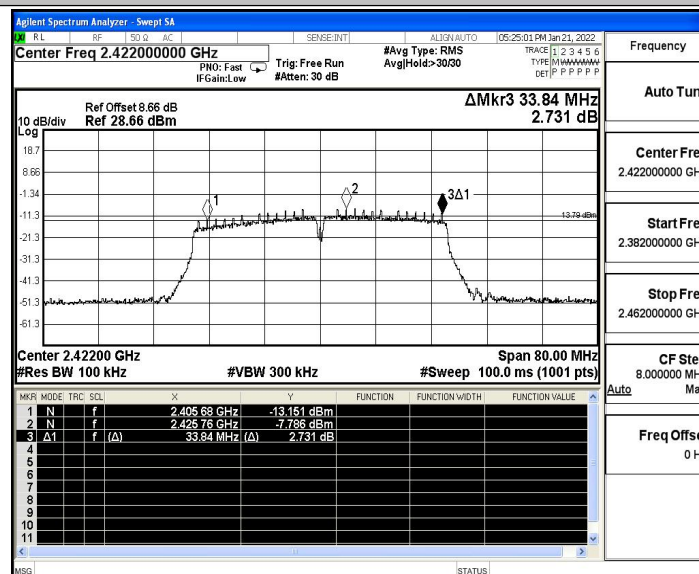
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

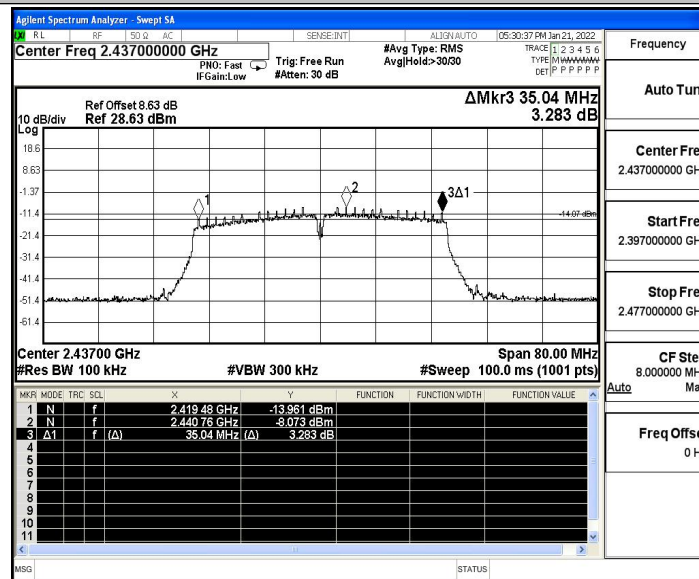


11N40SISO_Ant1_2422

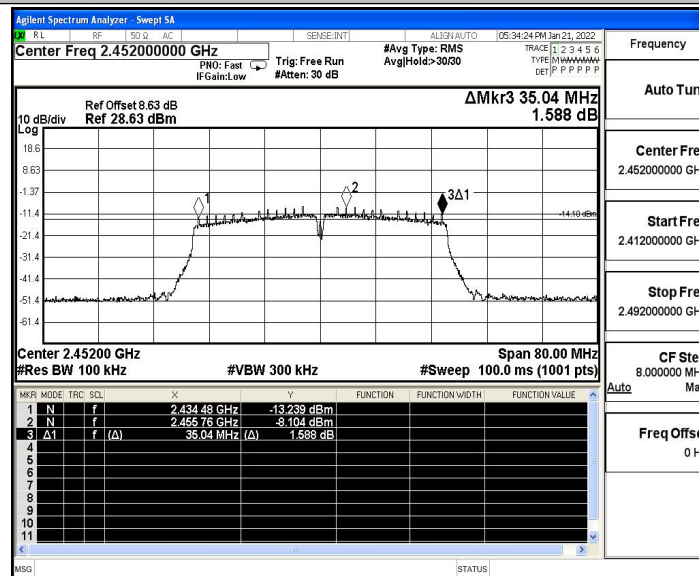




11N40SISO_Ant1_2437



11N40SISO_Ant1_2452





A.2 Occupied Channel Bandwidth

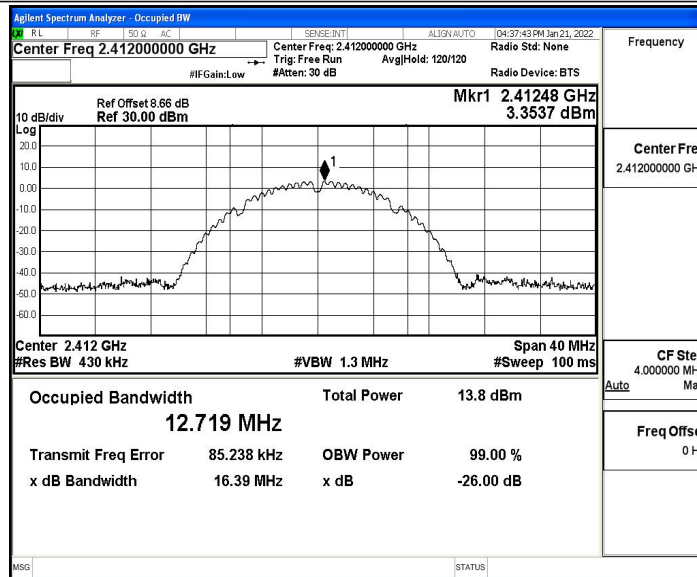
Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.719	2405.726	2418.445	---	---
		2437	12.692	2430.735	2443.427	---	---
		2462	12.711	2455.634	2468.345	---	---
11G	Ant1	2412	16.785	2403.714	2420.499	---	---
		2437	16.809	2428.631	2445.440	---	---
		2462	16.676	2453.676	2470.352	---	---
11N20SISO	Ant1	2412	17.800	2403.154	2420.954	---	---
		2437	17.690	2428.196	2445.886	---	---
		2462	17.743	2453.114	2470.857	---	---
11N40SISO	Ant1	2422	36.092	2404.127	2440.219	---	---
		2437	35.983	2419.159	2455.142	---	---
		2452	35.963	2434.115	2470.078	---	---

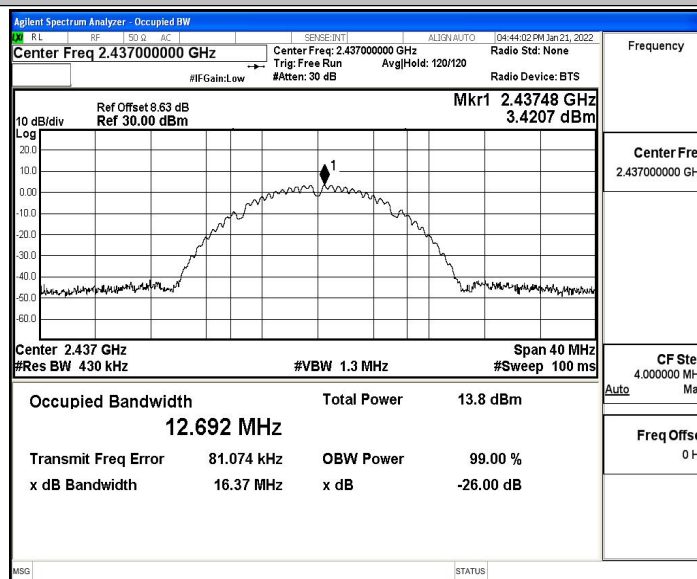


Test Graphs

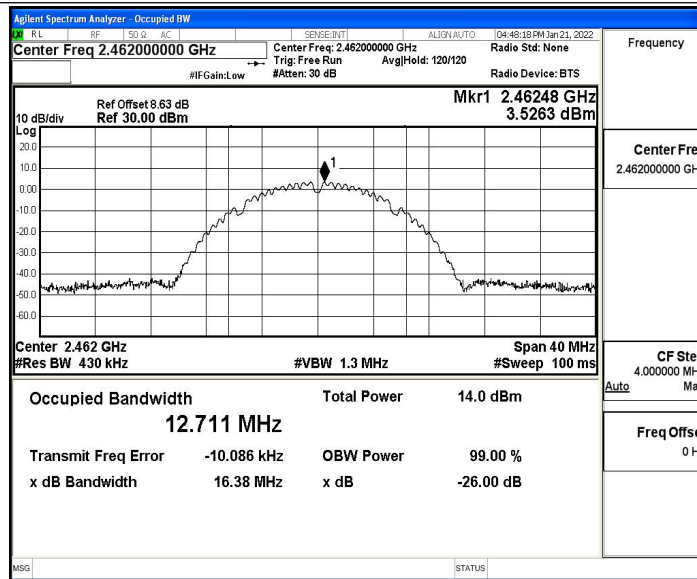
11B_Ant1_2412



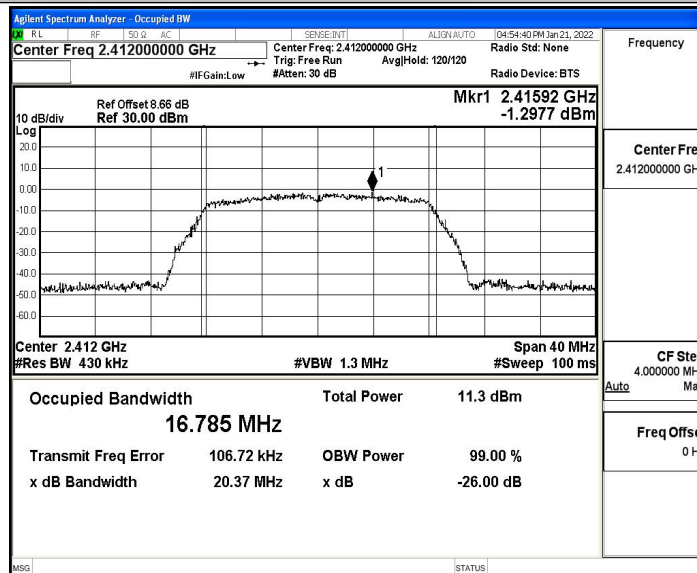
11B_Ant1_2437



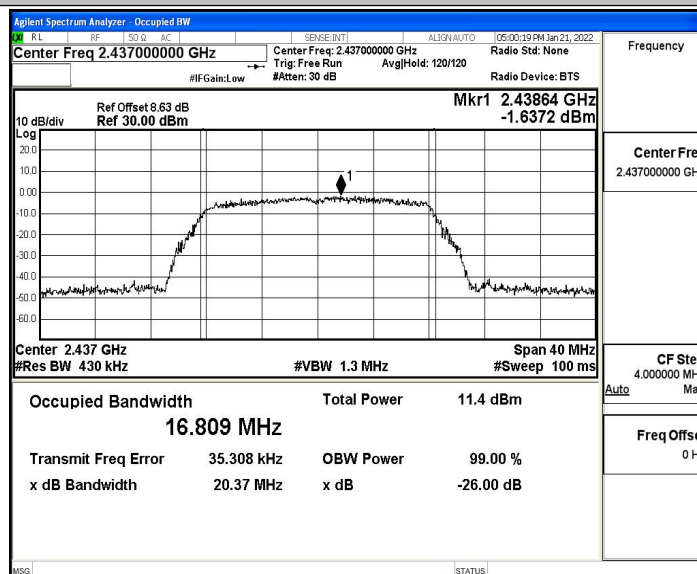
11B_Ant1_2462



11G_Ant1_2412

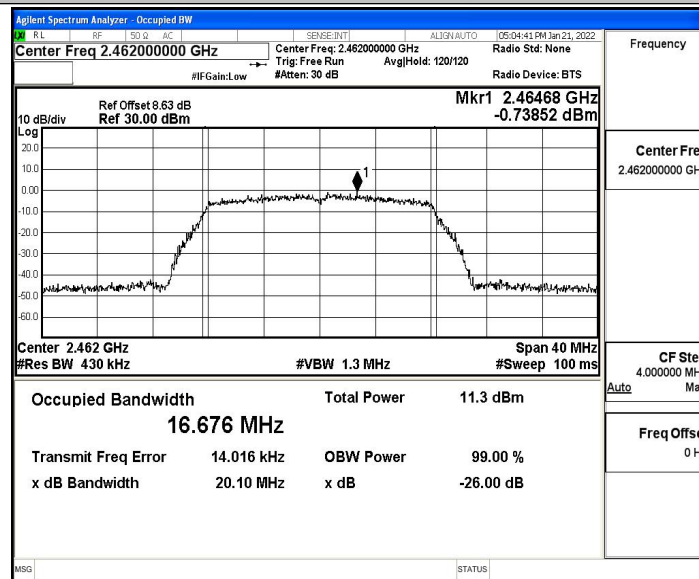


11G_Ant1_2437

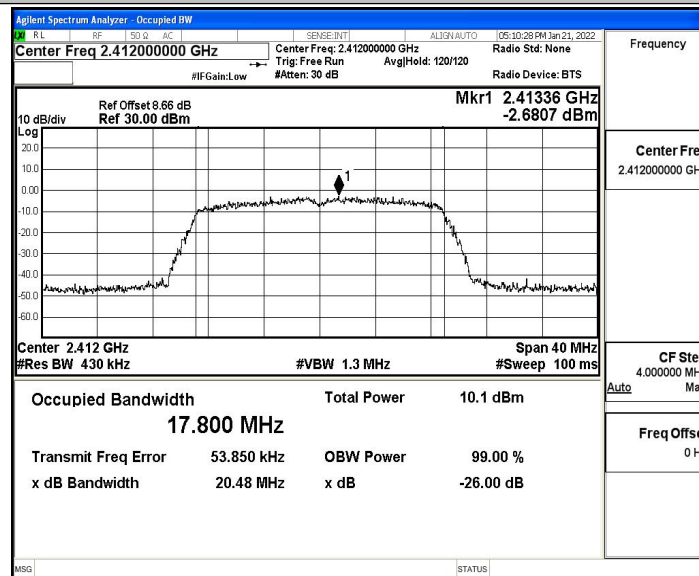




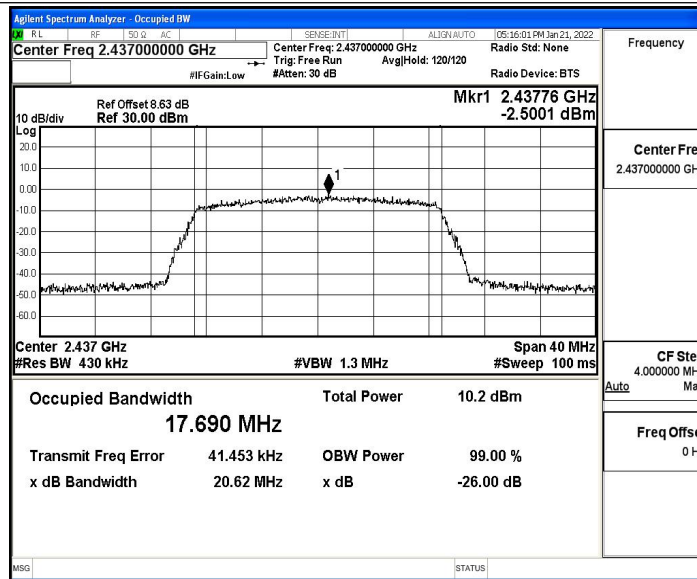
11G_Ant1_2462



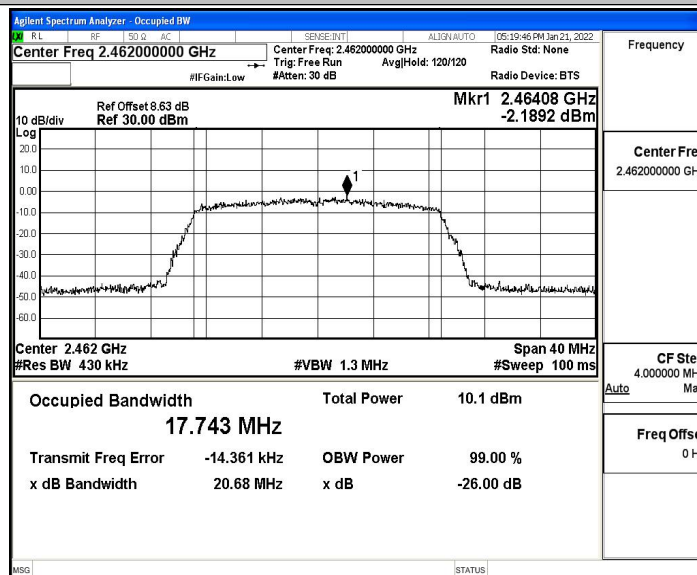
11N20SISO_Ant1_2412



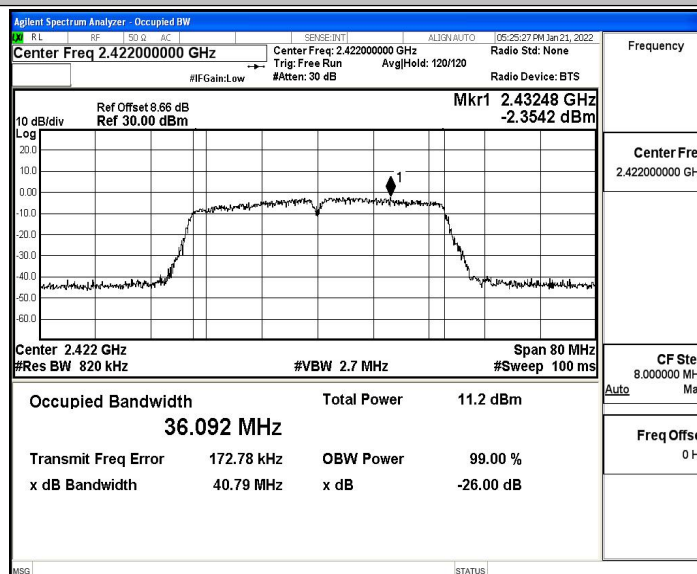
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

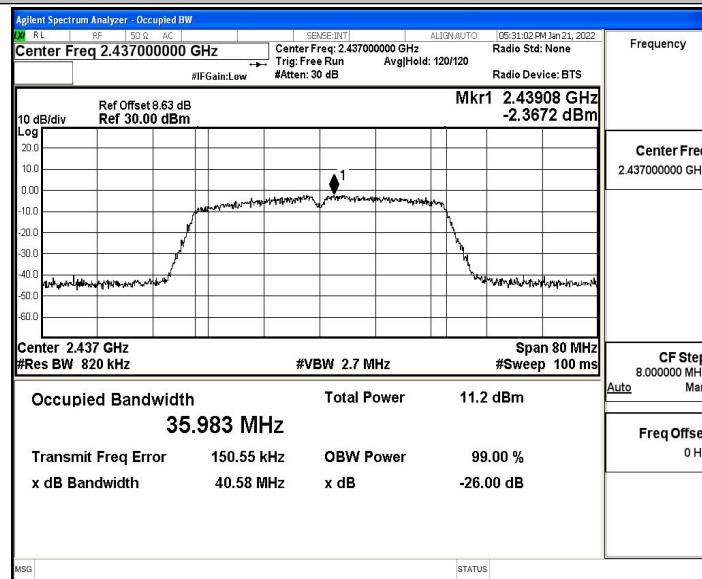


11N40SISO_Ant1_2422

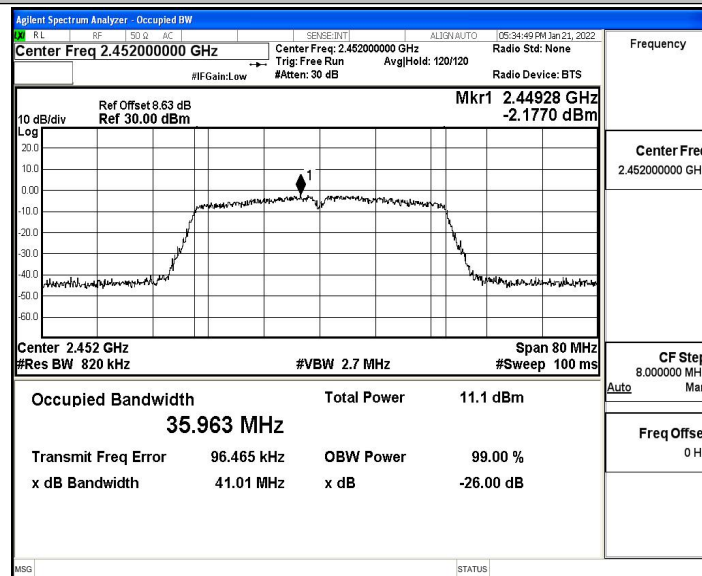




11N40SISO_Ant1_2437



11N40SISO_Ant1_2452





A.3 Maximum peak conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	14.11	≤30.00	PASS
		2437	14.12	≤30.00	PASS
		2462	14.24	≤30.00	PASS
11G	Ant1	2412	13.86	≤30.00	PASS
		2437	13.87	≤30.00	PASS
		2462	13.87	≤30.00	PASS
11N20SISO	Ant1	2412	12.67	≤30.00	PASS
		2437	12.78	≤30.00	PASS
		2462	12.68	≤30.00	PASS
11N40SISO	Ant1	2422	13.36	≤30.00	PASS
		2437	13.19	≤30.00	PASS
		2452	13.23	≤30.00	PASS



A.4 Maximum power spectral density

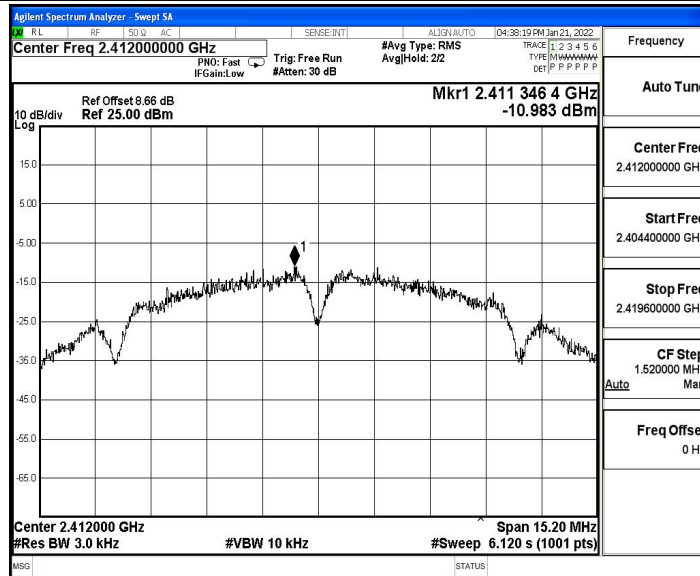
Test Result

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-10.98	≤8.00	PASS
		2437	-11.88	≤8.00	PASS
		2462	-10.79	≤8.00	PASS
11G	Ant1	2412	-18.12	≤8.00	PASS
		2437	-17.6	≤8.00	PASS
		2462	-17.26	≤8.00	PASS
11N20SISO	Ant1	2412	-20.43	≤8.00	PASS
		2437	-18.31	≤8.00	PASS
		2462	-16.97	≤8.00	PASS
11N40SISO	Ant1	2422	-22.52	≤8.00	PASS
		2437	-19.17	≤8.00	PASS
		2452	-18.28	≤8.00	PASS

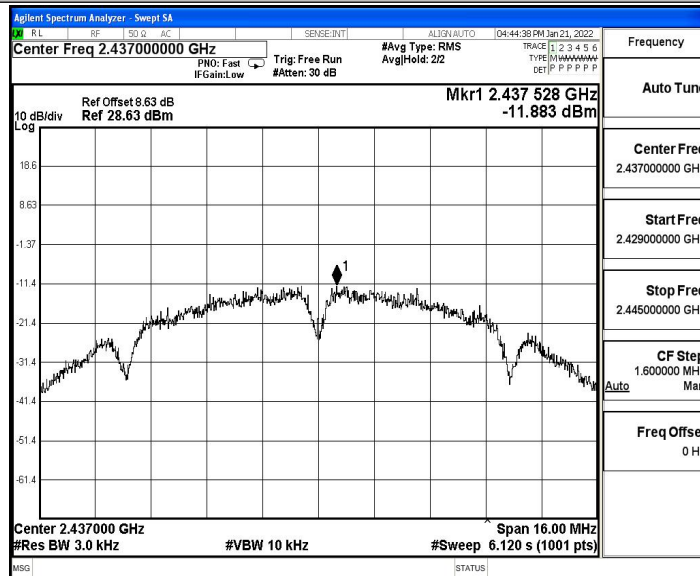


Test Graphs

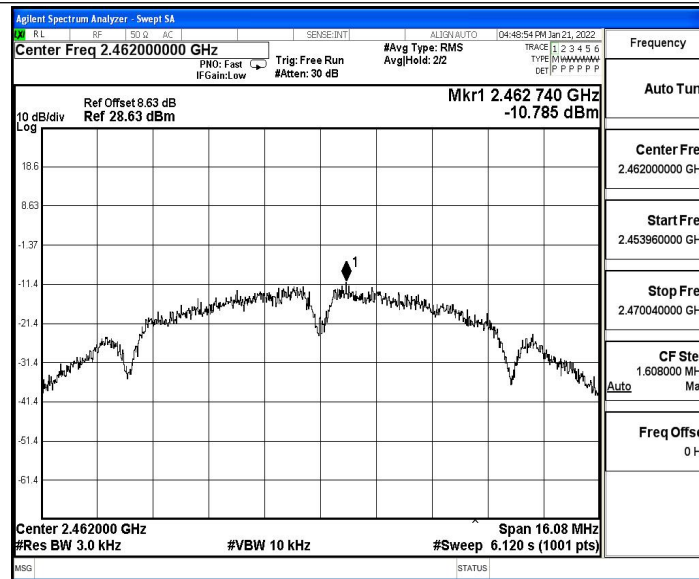
11B_Ant1_2412



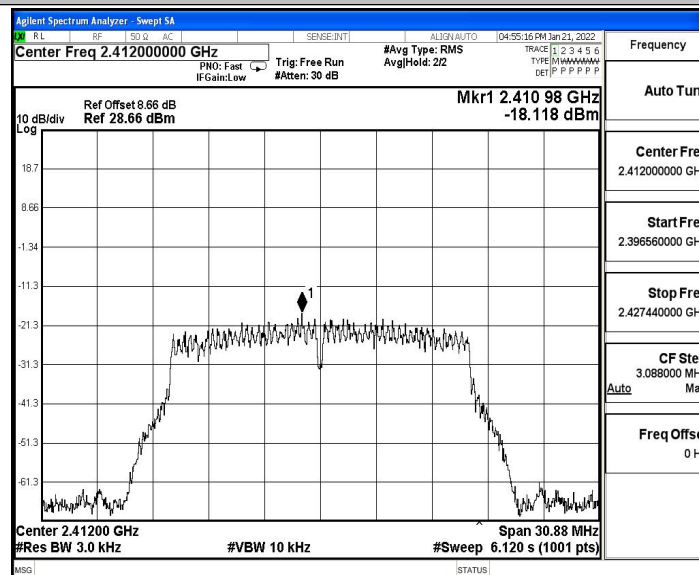
11B_Ant1_2437



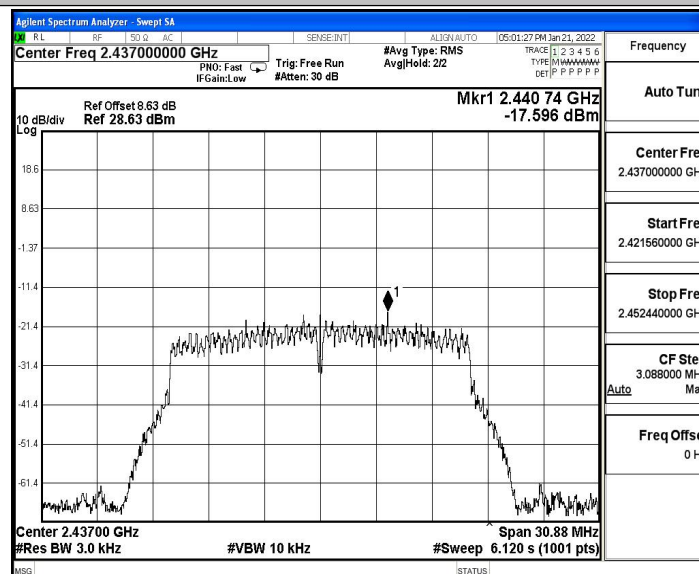
11B_Ant1_2462



11G_Ant1_2412

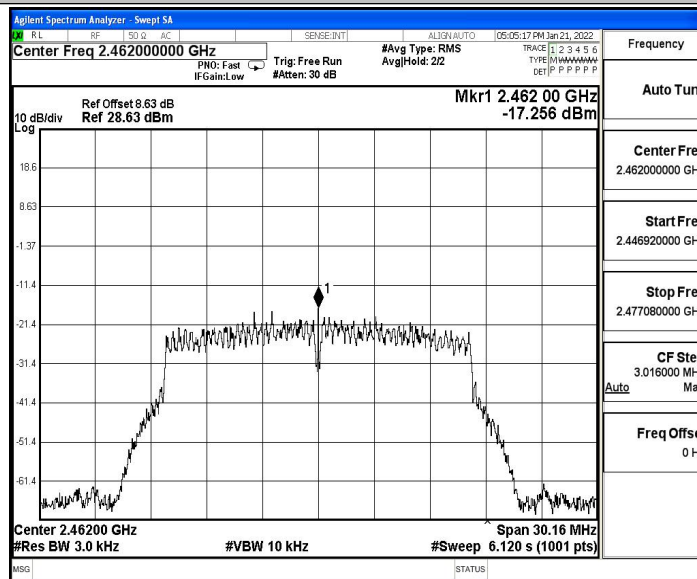


11G_Ant1_2437

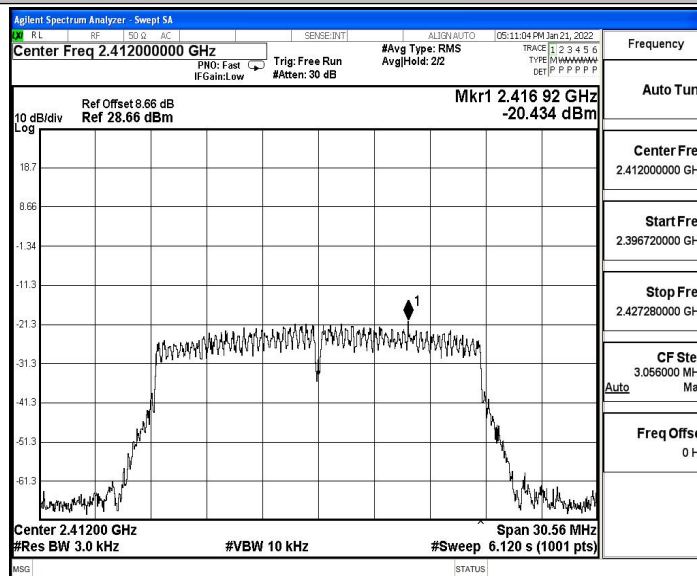




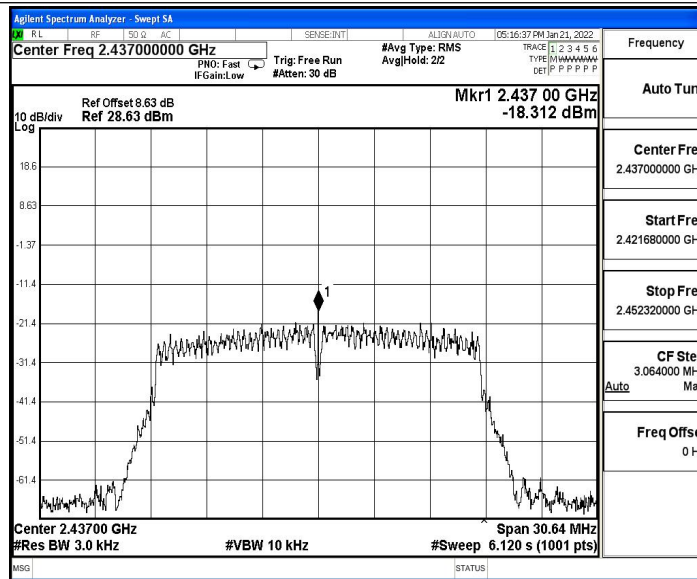
11G_Ant1_2462



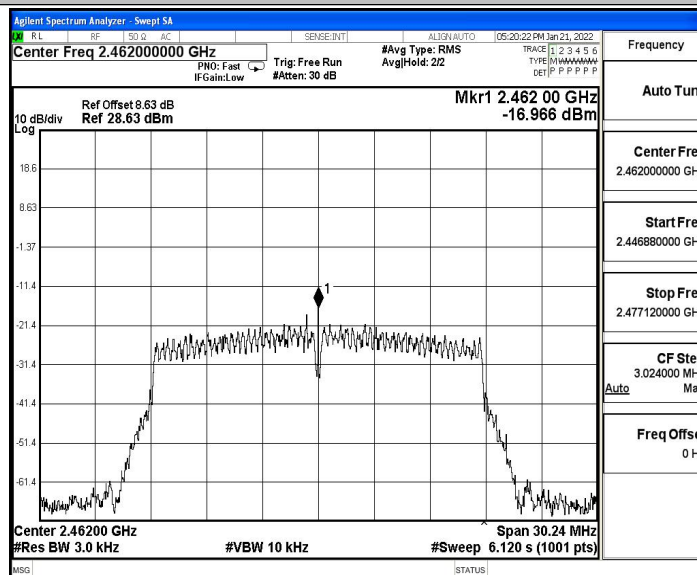
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



11N40SISO_Ant1_2422

