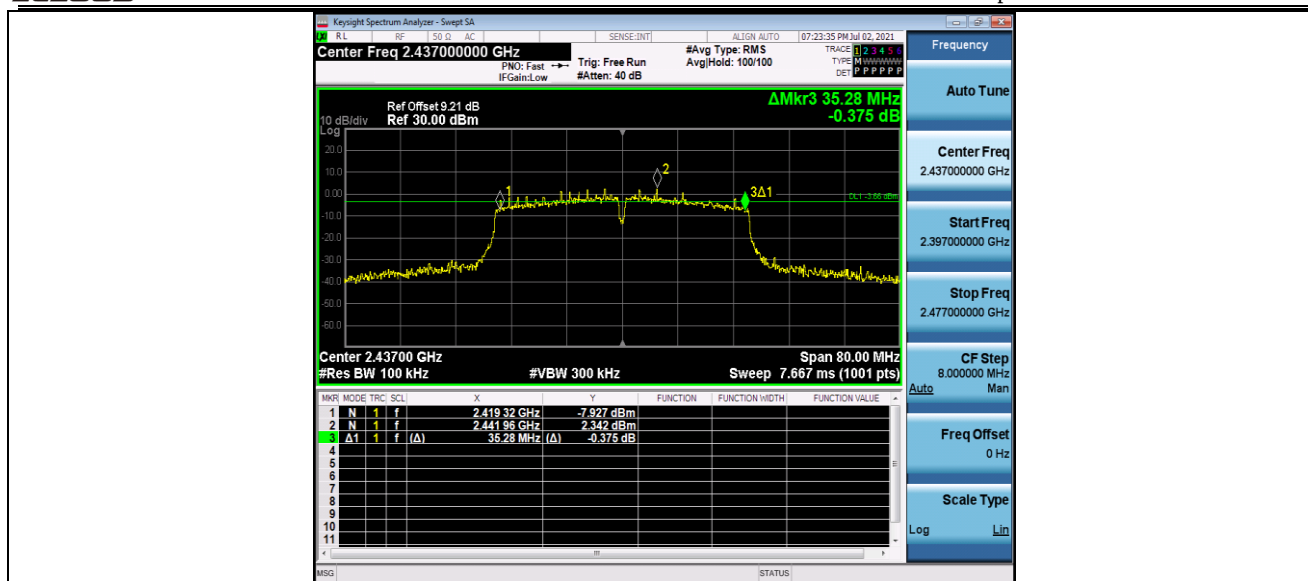
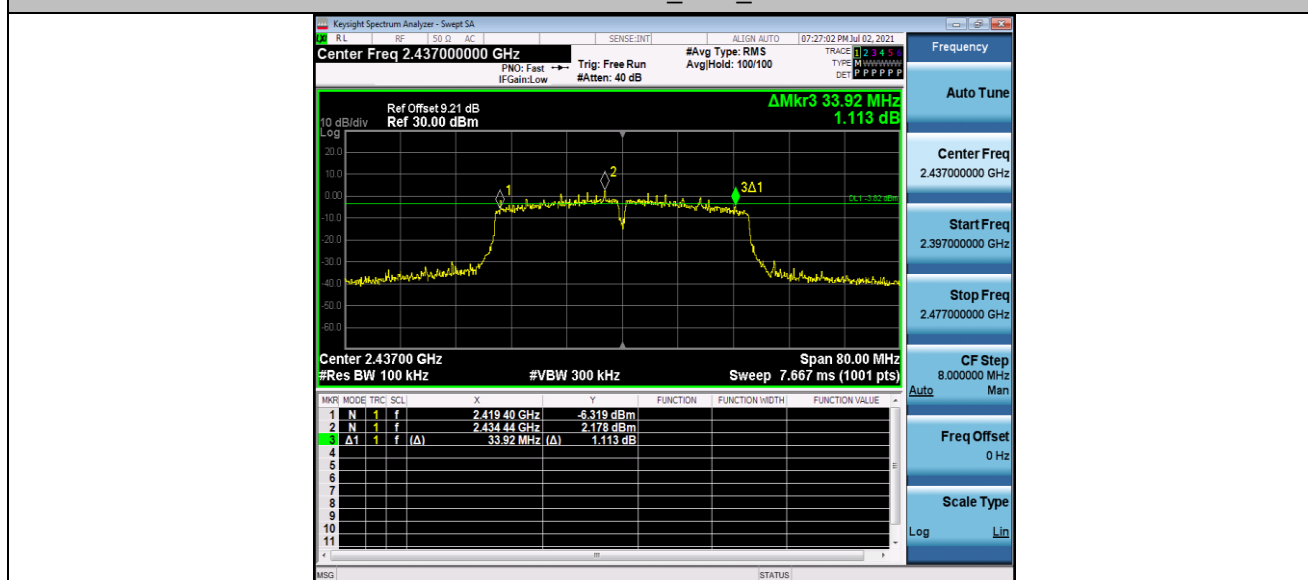
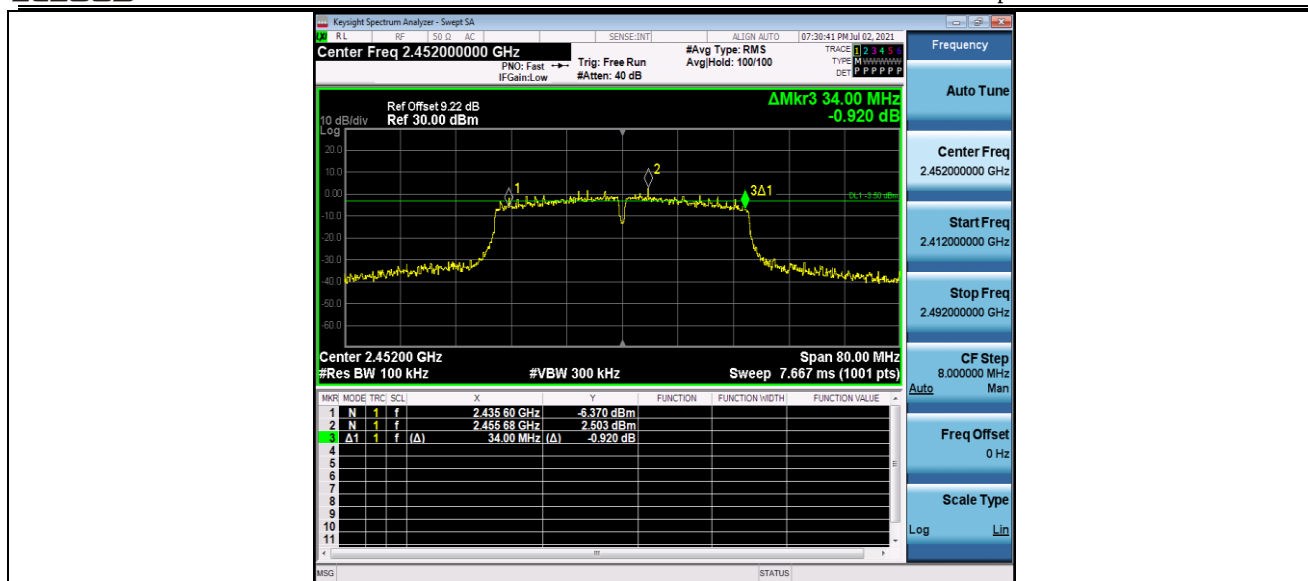




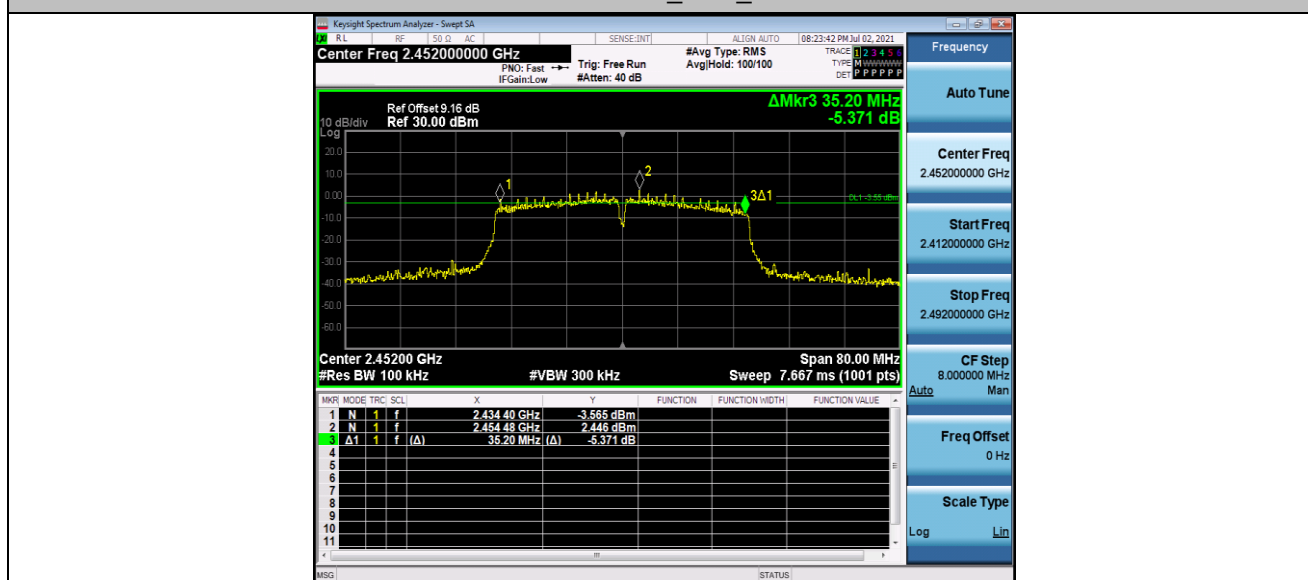
11N40MIMO_Ant1_2437



11N40MIMO_Ant2_2437



11N40MIMO_Ant1_2452



11N40MIMO_Ant2_2452

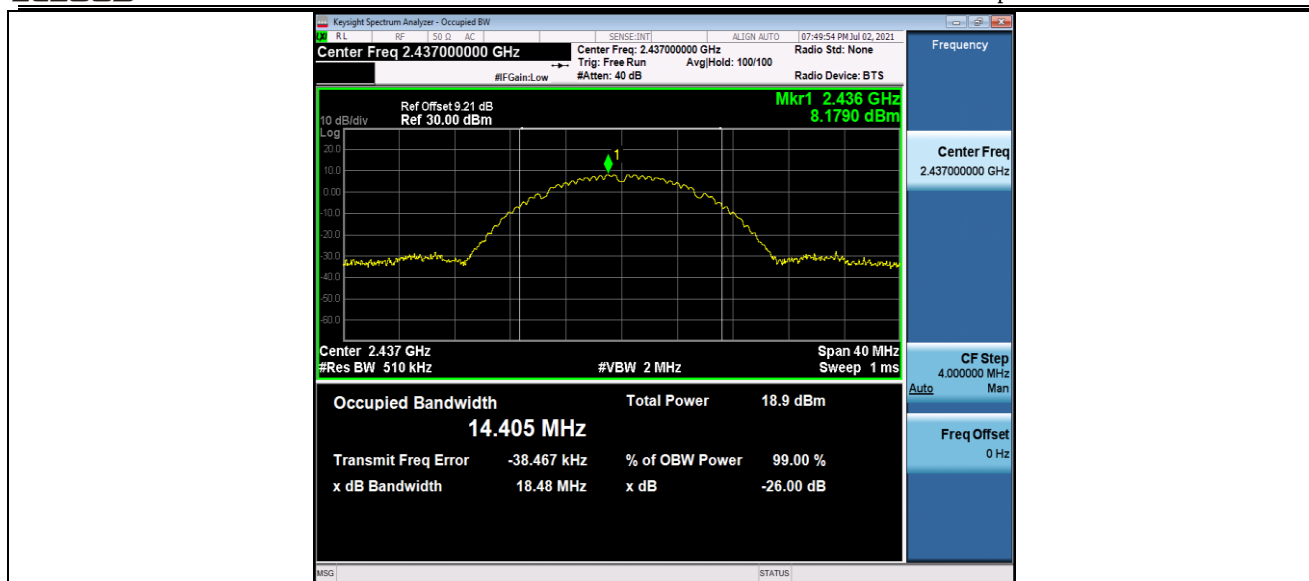
Appendix B: Occupied Channel Bandwidth

Test Result

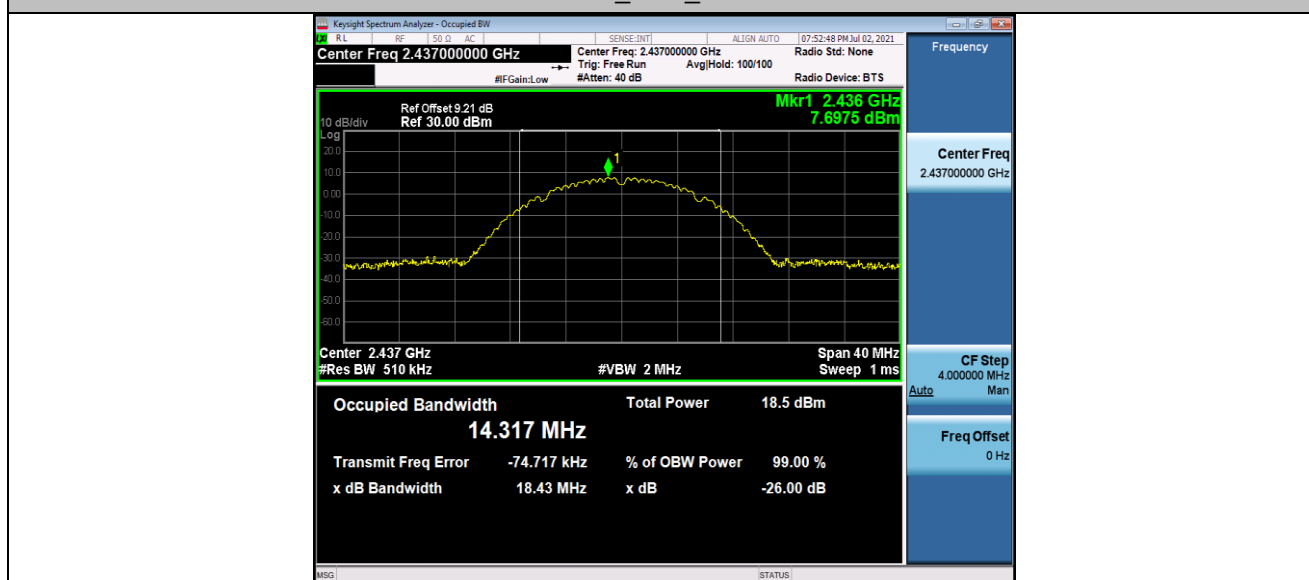
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.417	2404.759	2419.176	---	PASS
	Ant2	2412	14.288	2404.825	2419.113	---	PASS
	Ant1	2437	14.405	2429.759	2444.164	---	PASS
	Ant2	2437	14.317	2429.767	2444.084	---	PASS
	Ant1	2462	14.448	2454.684	2469.132	---	PASS
	Ant2	2462	14.288	2454.762	2469.050	---	PASS
11G	Ant1	2412	16.827	2403.511	2420.338	---	PASS
	Ant2	2412	16.710	2403.608	2420.318	---	PASS
	Ant1	2437	16.834	2428.523	2445.357	---	PASS
	Ant2	2437	16.674	2428.570	2445.244	---	PASS
	Ant1	2462	16.890	2453.487	2470.377	---	PASS
	Ant2	2462	16.710	2453.578	2470.288	---	PASS
11N20MIMO	Ant1	2412	17.867	2403.042	2420.909	---	PASS
	Ant2	2412	17.680	2403.121	2420.801	---	PASS
	Ant1	2437	17.870	2428.019	2445.889	---	PASS
	Ant2	2437	17.665	2428.115	2445.780	---	PASS
	Ant1	2462	17.895	2452.980	2470.875	---	PASS
	Ant2	2462	17.646	2453.099	2470.745	---	PASS
11N40MIMO	Ant1	2422	36.012	2403.954	2439.966	---	PASS
	Ant2	2422	35.779	2404.067	2439.846	---	PASS
	Ant1	2437	35.965	2418.990	2454.955	---	PASS
	Ant2	2437	35.819	2419.022	2454.841	---	PASS
	Ant1	2452	35.938	2433.980	2469.918	---	PASS
	Ant2	2452	35.778	2433.997	2469.775	---	PASS

Test Graphs





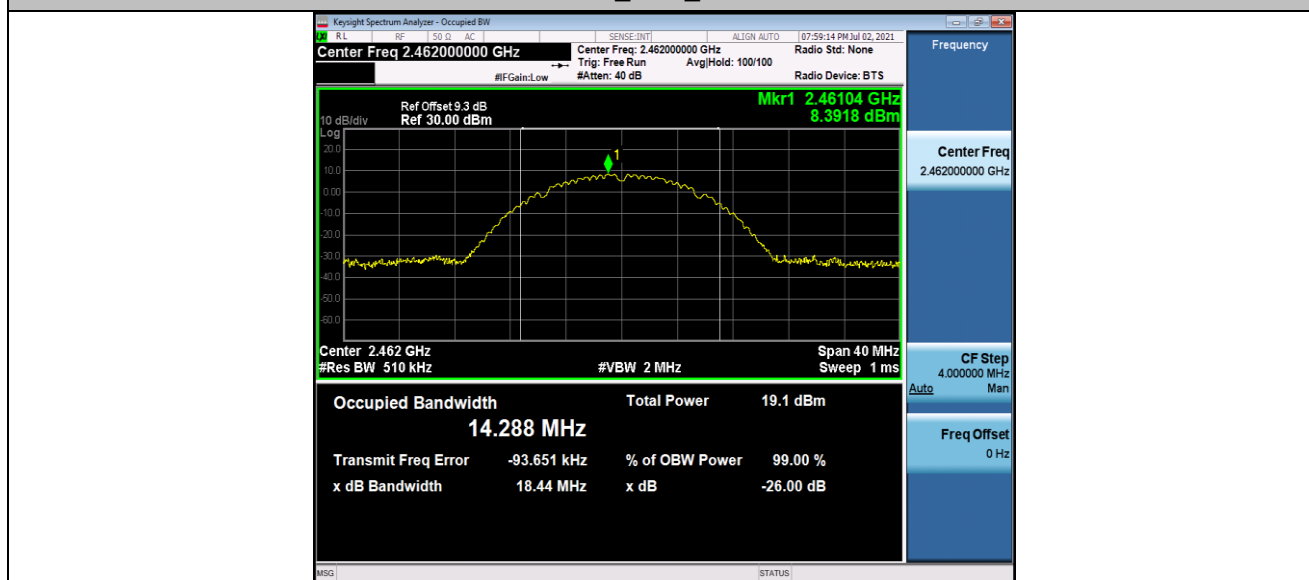
11B_Ant1_2437



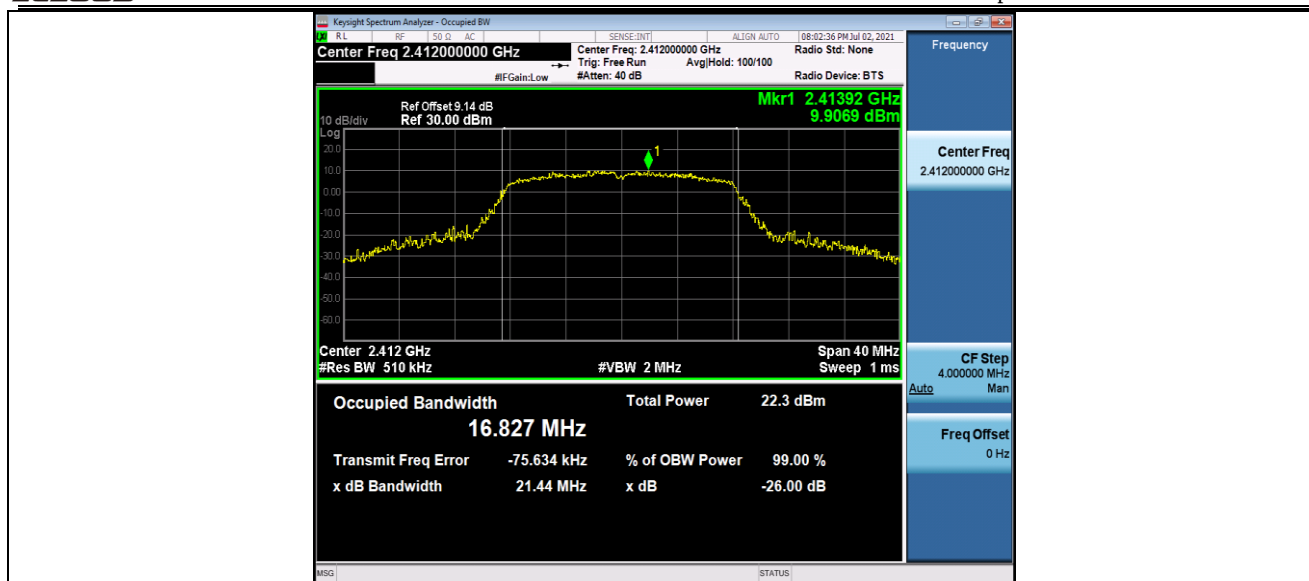
11B_Ant2_2437



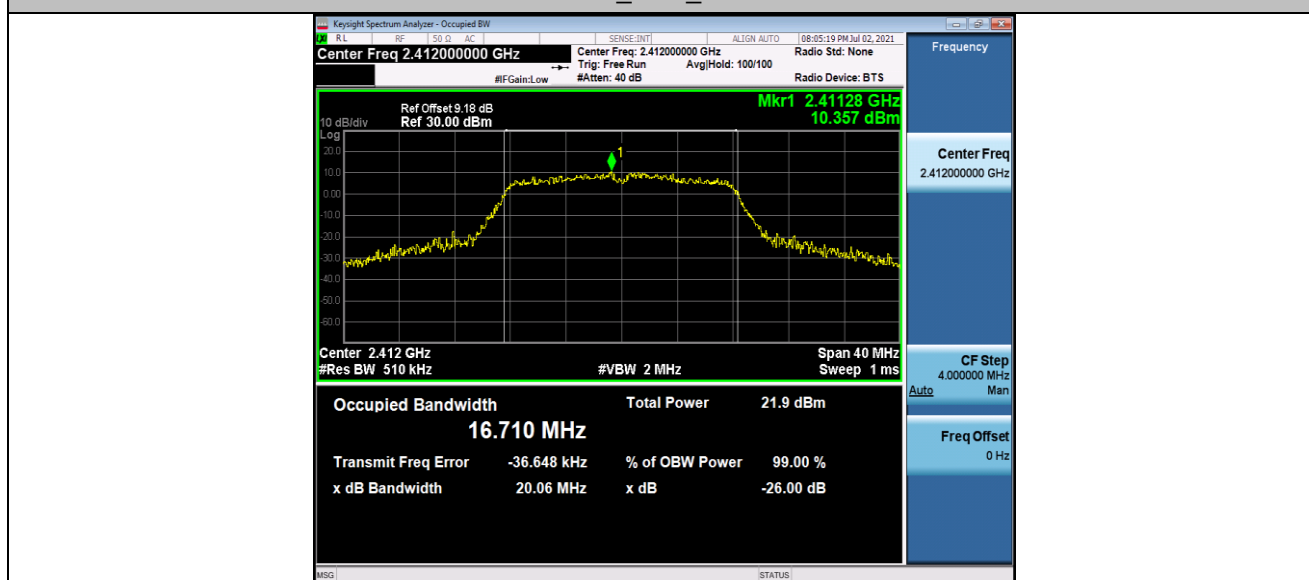
11B_Ant1_2462



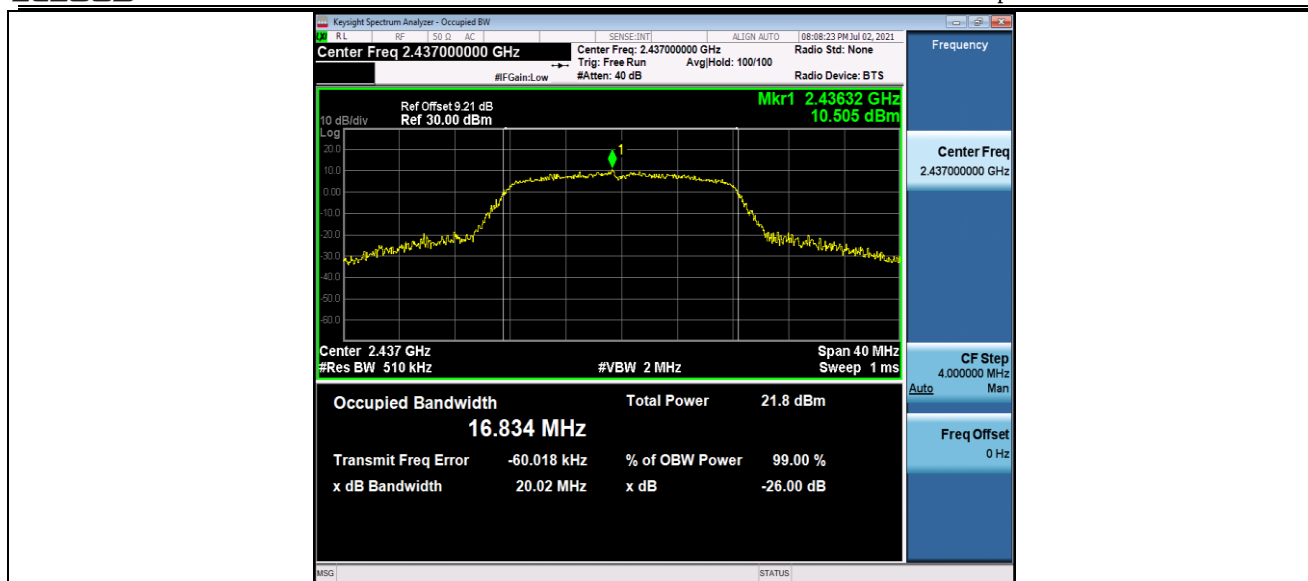
11B_Ant2_2462



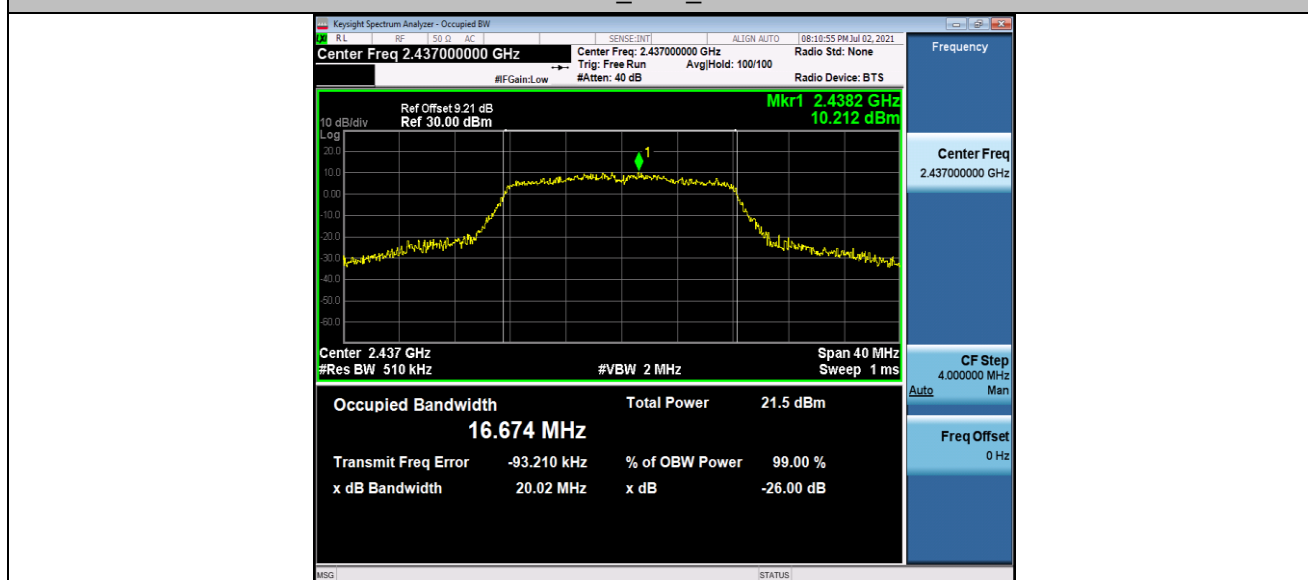
11G_Ant1_2412



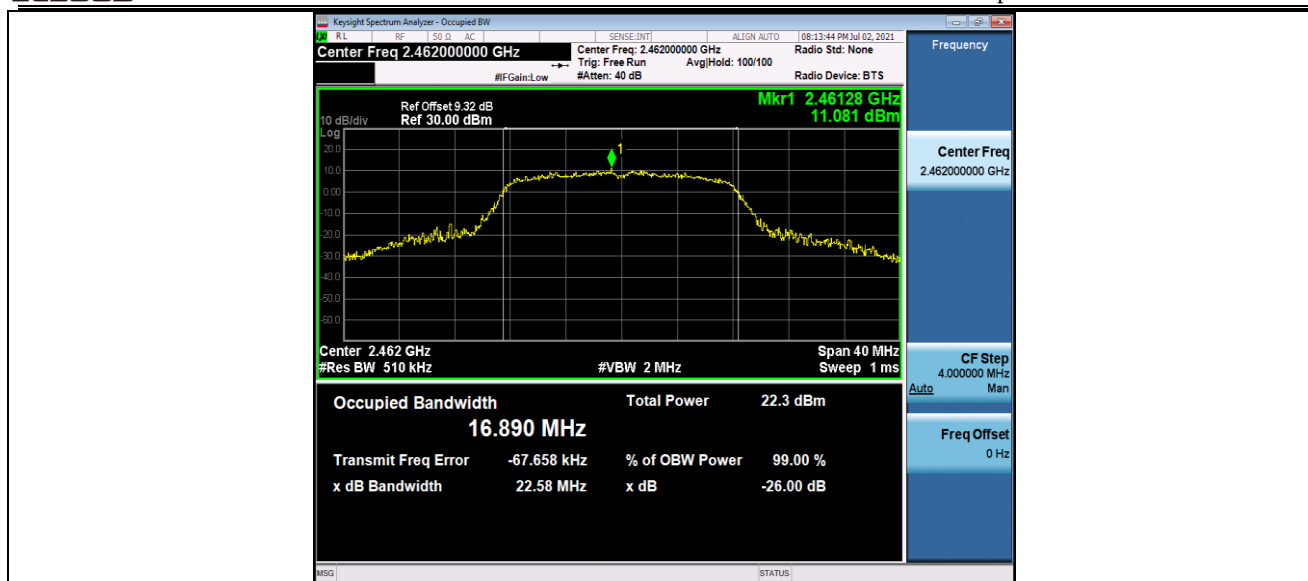
11G_Ant2_2412



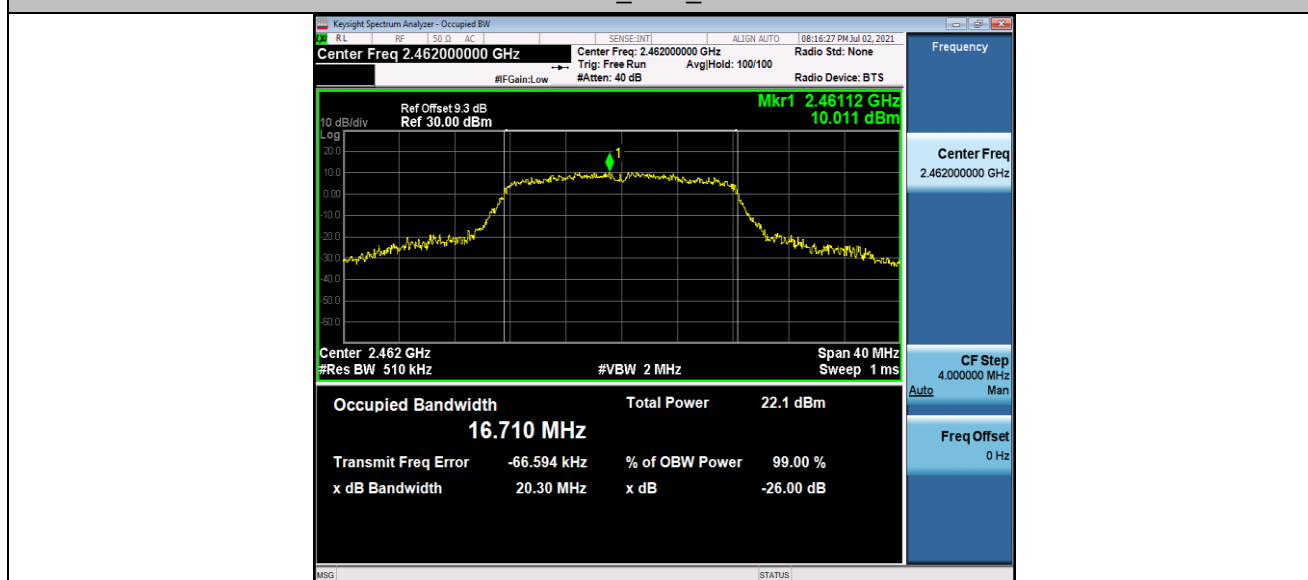
11G_Ant1_2437



11G_Ant2_2437



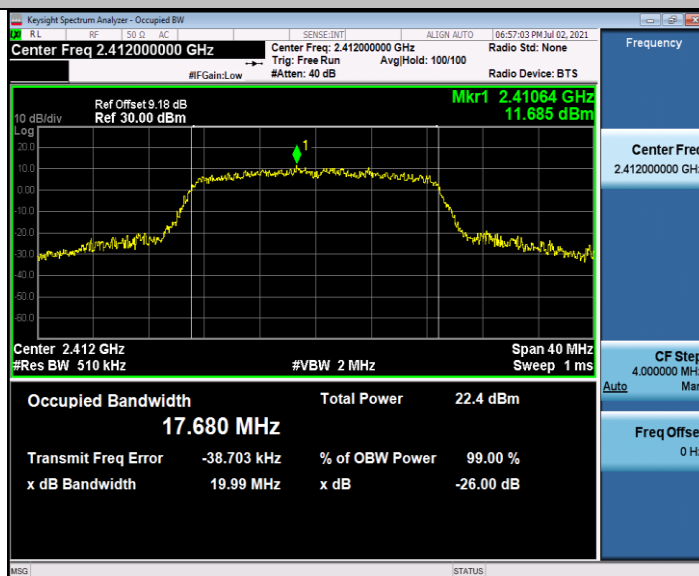
11G_Ant1_2462



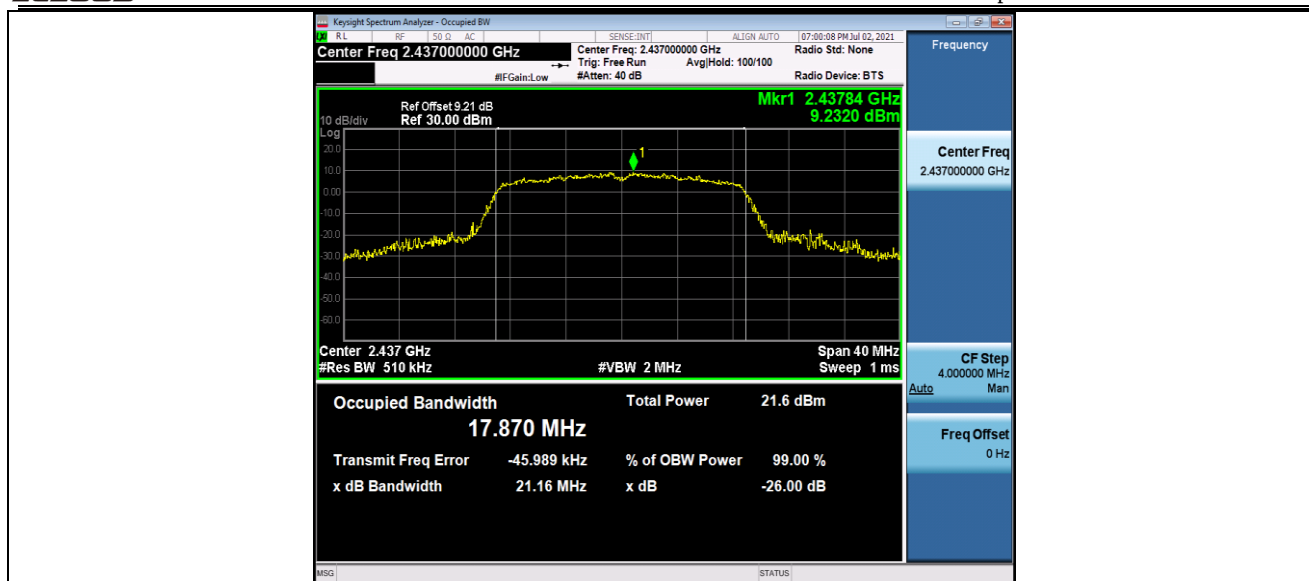
11G_Ant2_2462



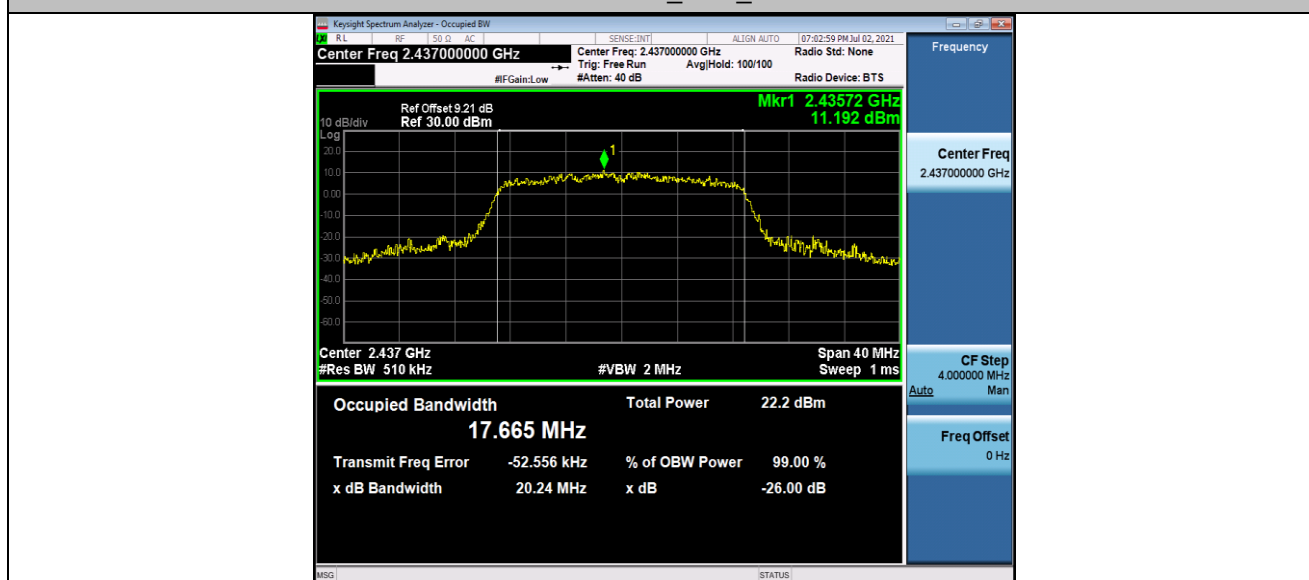
11N20MIMO_Ant1_2412



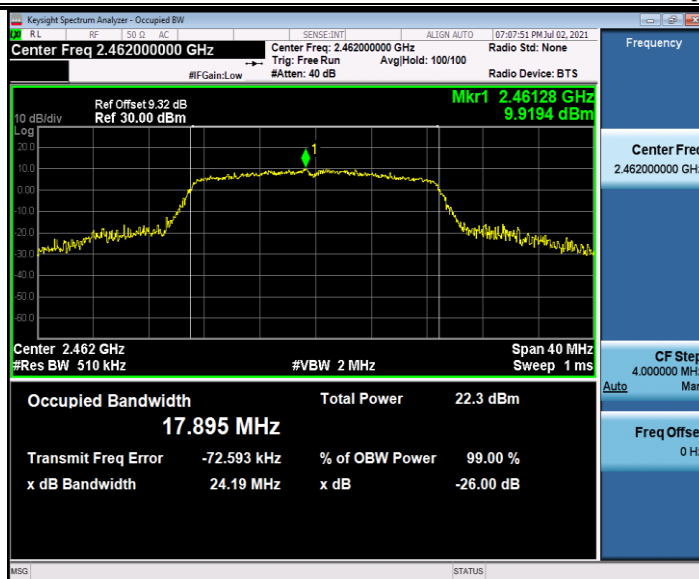
11N20MIMO_Ant2_2412



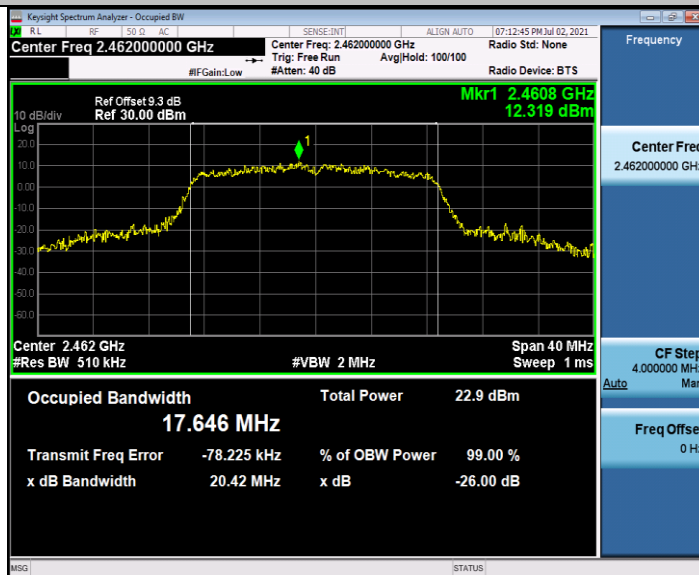
11N20MIMO_Ant1_2437



11N20MIMO_Ant2_2437



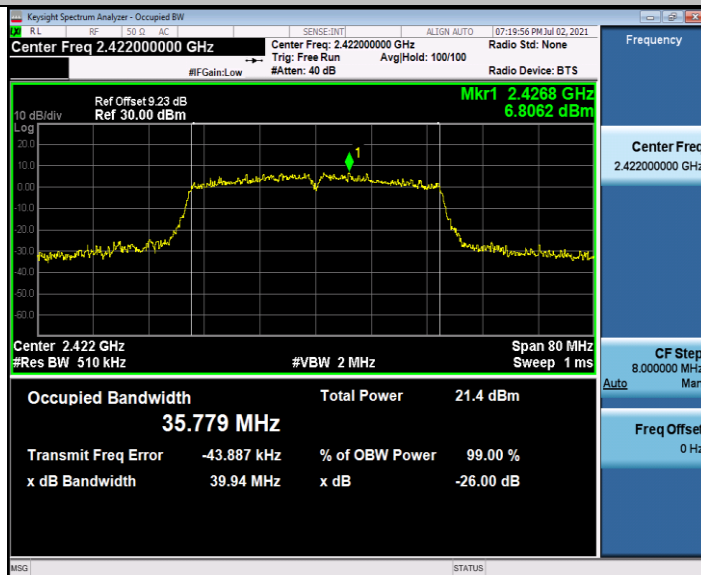
11N20MIMO_Ant1_2462



11N20MIMO_Ant2_2462



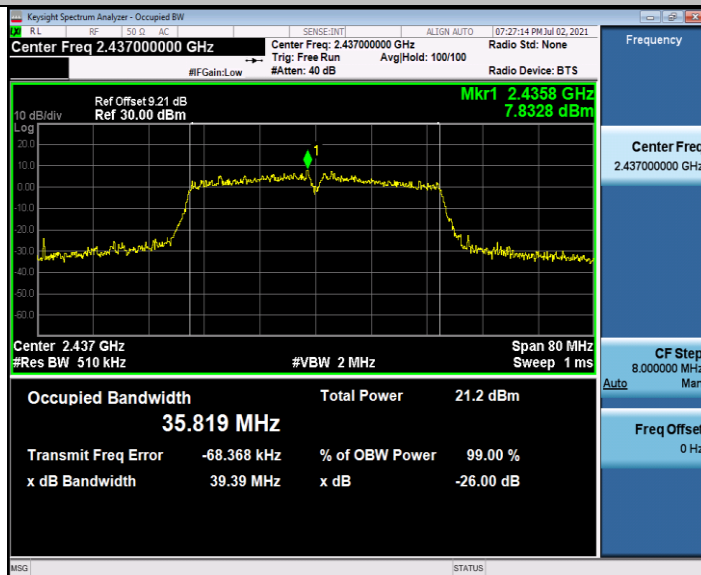
11N40MIMO_Ant1_2422



11N40MIMO_Ant2_2422



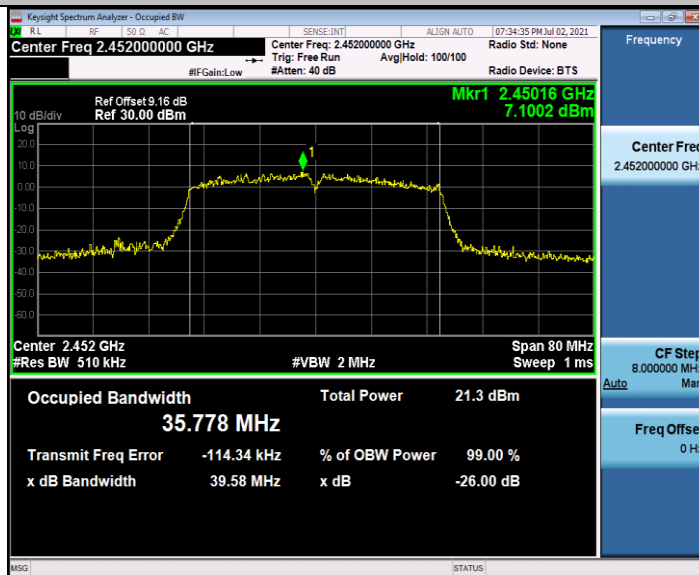
11N40MIMO_Ant1_2437



11N40MIMO_Ant2_2437



11N40MIMO_Ant1_2452



11N40MIMO_Ant2_2452

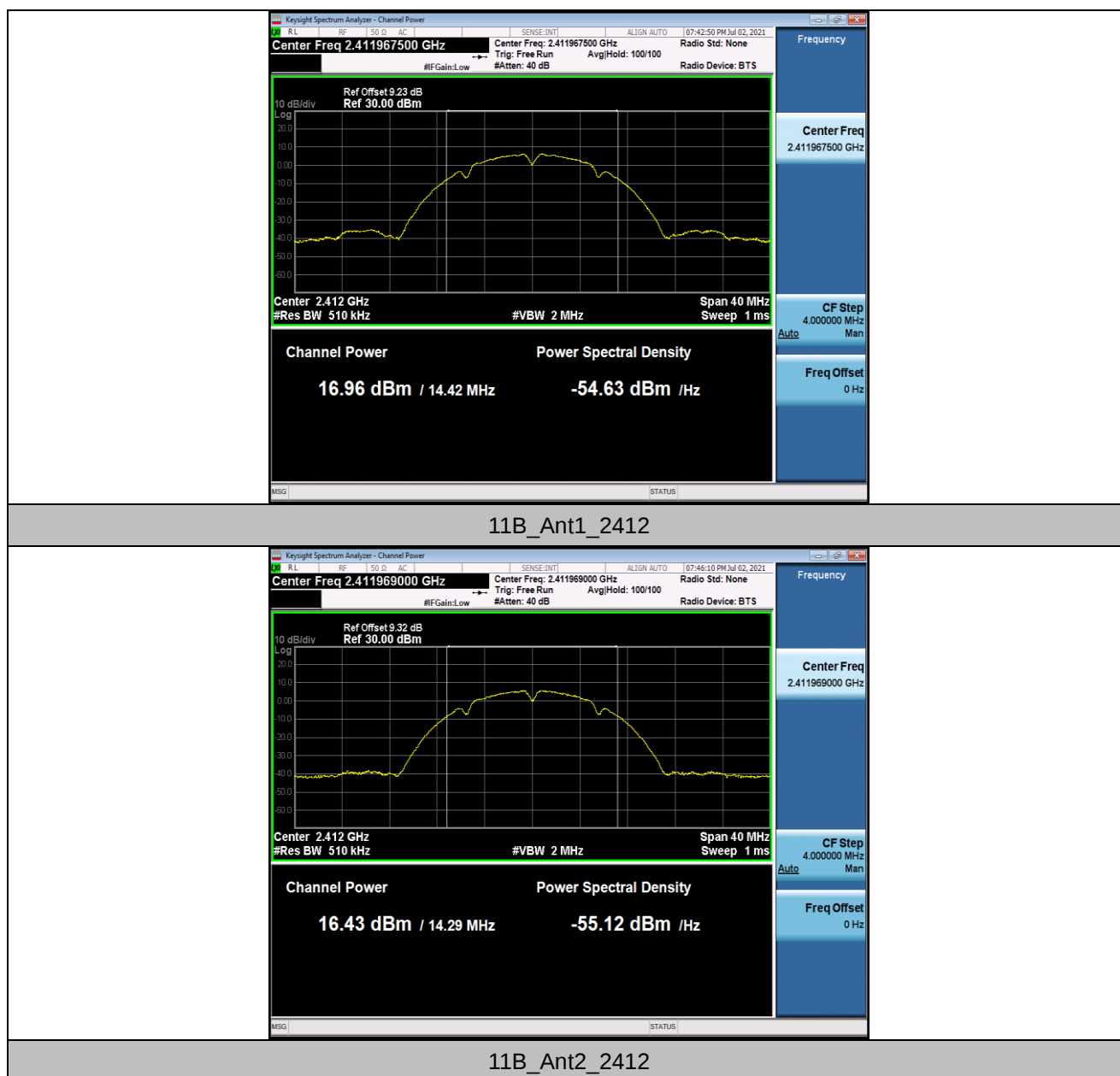
Appendix C: Maximum conducted output power & E.I.R.P.

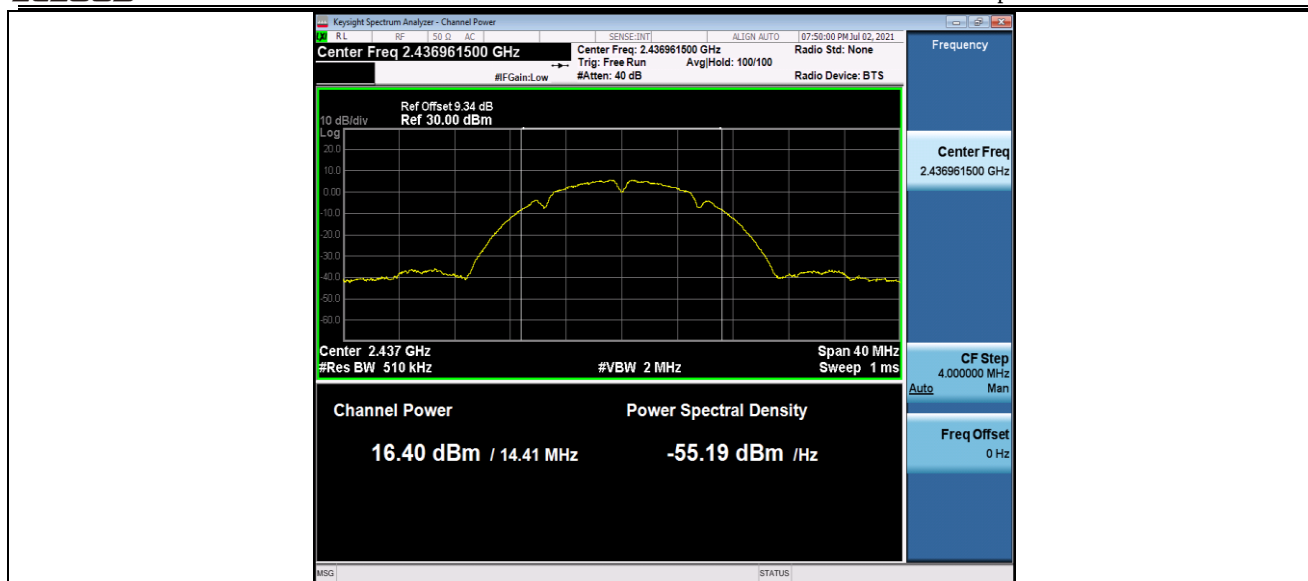
Test Result

Test Mode	Antenna	Channel	DT (%)	10 log (1/x)	Result [dBm]	Limit [dBm]	Antenna Gain (dBi)	E.I.R.P. [dBm]	E.I.R.P. Limit [dBm]	Verdict
11B	Ant1	2412	99.04	0.04	16.96	<=30	3.0	19.96	36.02	PASS
	Ant2	2412	99.04	0.04	16.43	<=30	3.0	19.43	36.02	PASS
	Ant1	2437	98.57	0.06	16.40	<=30	3.0	19.40	36.02	PASS
	Ant2	2437	98.57	0.06	15.82	<=30	3.0	18.82	36.02	PASS
	Ant1	2462	99.12	0.04	17.29	<=30	3.0	20.29	36.02	PASS
	Ant2	2462	99.12	0.04	16.65	<=30	3.0	19.65	36.02	PASS
11G	Ant1	2412	99.36	0.03	16.35	<=30	3.0	19.35	36.02	PASS
	Ant2	2412	99.36	0.03	15.59	<=30	3.0	18.59	36.02	PASS
	Ant1	2437	98.65	0.06	15.72	<=30	3.0	18.72	36.02	PASS
	Ant2	2437	98.65	0.06	15.08	<=30	3.0	18.08	36.02	PASS
	Ant1	2462	99.36	0.03	16.25	<=30	3.0	19.25	36.02	PASS
	Ant2	2462	99.36	0.03	15.61	<=30	3.0	18.61	36.02	PASS
11N20 MIMO	Ant1	2412	97.46	0.11	16.09	<=30	3.0	19.09	36.02	PASS
	Ant2	2412	97.46	0.11	15.42	<=30	3.0	18.42	36.02	PASS
	total	2412	97.46	0.11	18.78	<=30	3.0	21.78	36.02	PASS
	Ant1	2437	97.46	0.11	15.62	<=30	3.0	18.62	36.02	PASS
	Ant2	2437	97.46	0.11	15.12	<=30	3.0	18.12	36.02	PASS
	total	2437	97.46	0.11	18.39	<=30	3.0	21.39	36.02	PASS
	Ant1	2462	95.52	0.20	16.04	<=30	3.0	19.04	36.02	PASS
	Ant2	2462	95.52	0.20	15.45	<=30	3.0	18.45	36.02	PASS
	total	2462	95.52	0.20	18.77	<=30	3.0	21.77	36.02	PASS
11N40 MIMO	Ant1	2422	92.16	0.35	15.73	<=30	3.0	18.73	36.02	PASS
	Ant2	2422	92.16	0.35	14.70	<=30	3.0	17.70	36.02	PASS
	total	2422	92.16	0.35	18.26	<=30	3.0	21.26	36.02	PASS
	Ant1	2437	94.95	0.23	15.09	<=30	3.0	18.09	36.02	PASS
	Ant2	2437	94.95	0.23	14.59	<=30	3.0	17.59	36.02	PASS
	total	2437	94.95	0.23	17.86	<=30	3.0	20.86	36.02	PASS
	Ant1	2452	86.24	0.64	15.73	<=30	3.0	18.73	36.02	PASS
	Ant2	2452	86.24	0.64	14.86	<=30	3.0	17.86	36.02	PASS

	total	2452	86.24	0.64	18.33	<=30	3.0	21.33	36.02	PASS
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Test Graphs

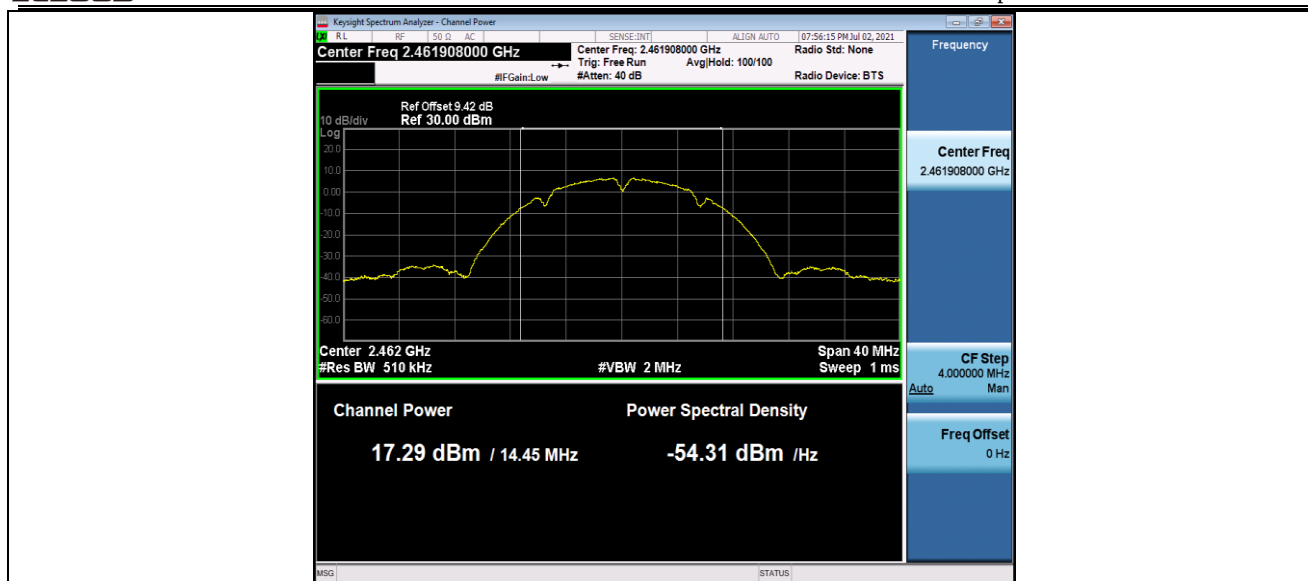




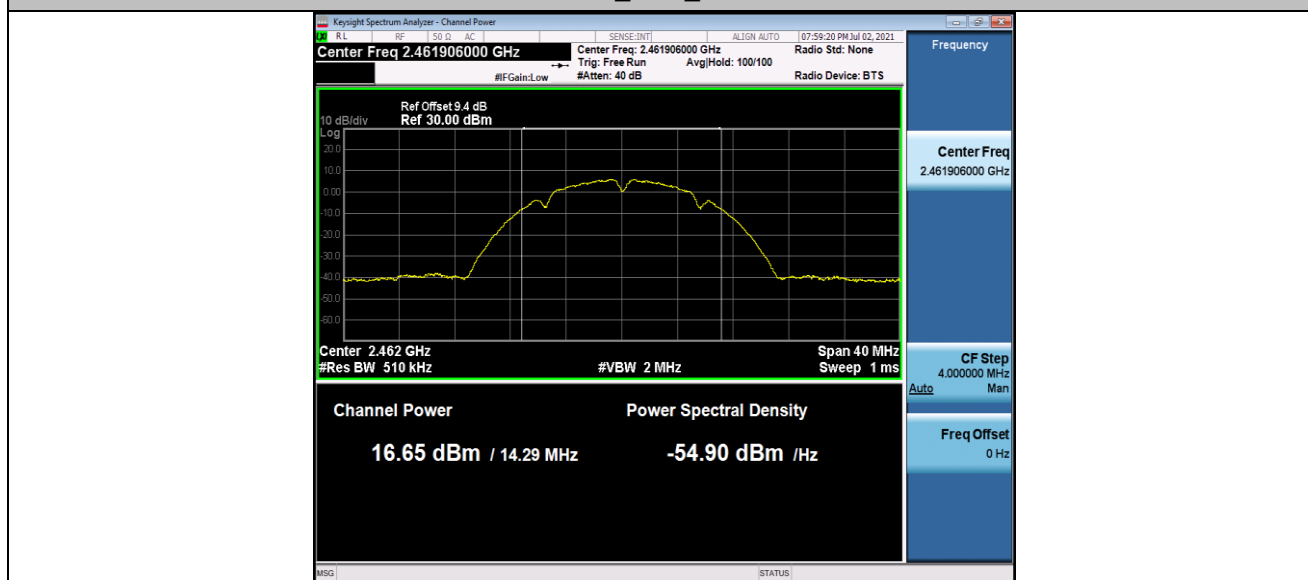
11B_Ant1_2437



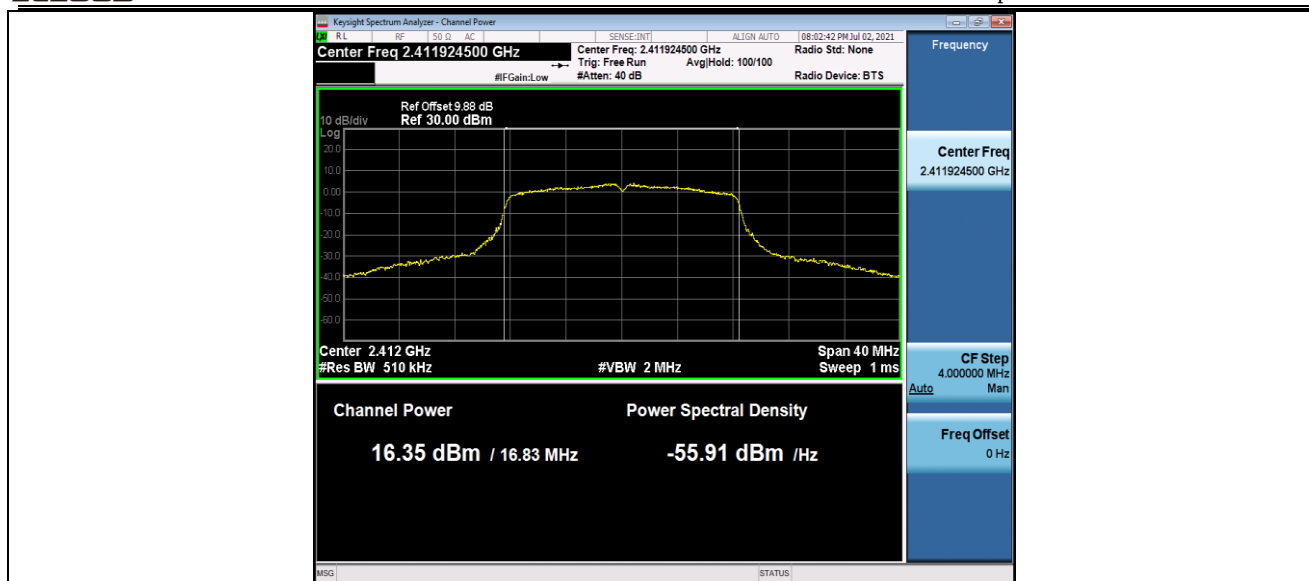
11B_Ant2_2437



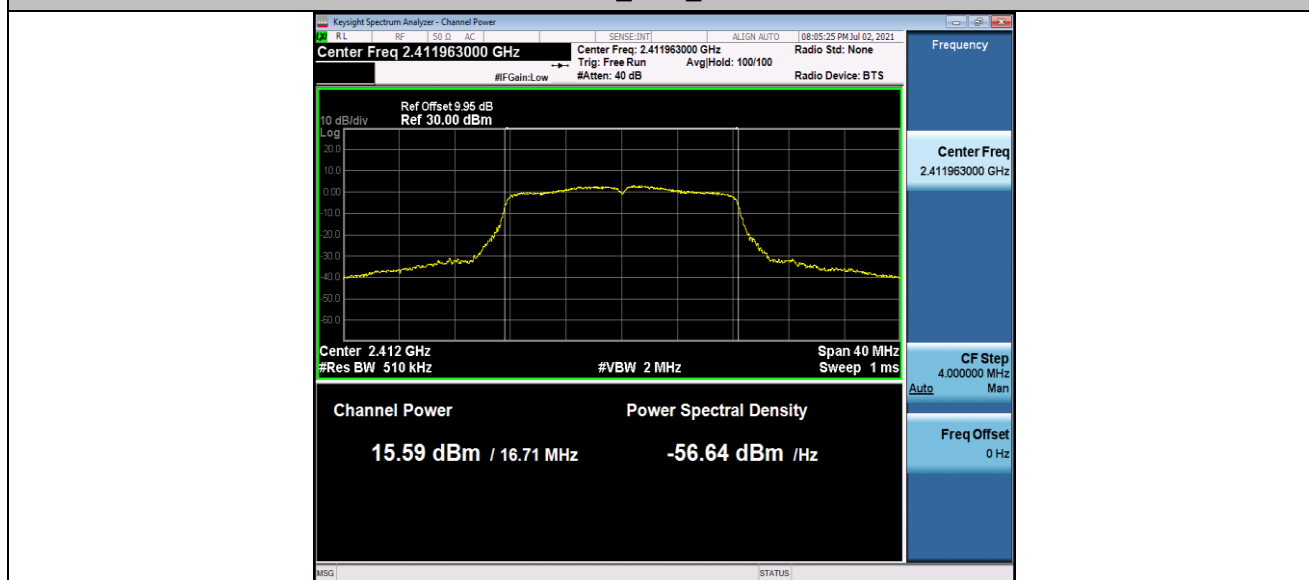
11B_Ant1_2462



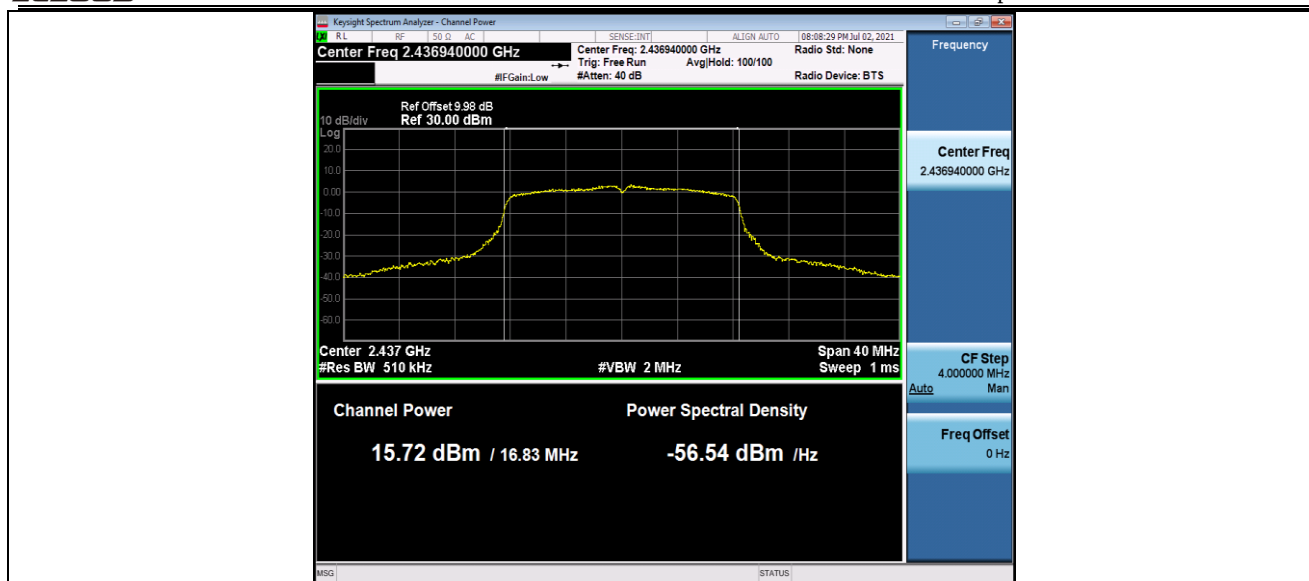
11B_Ant2_2462



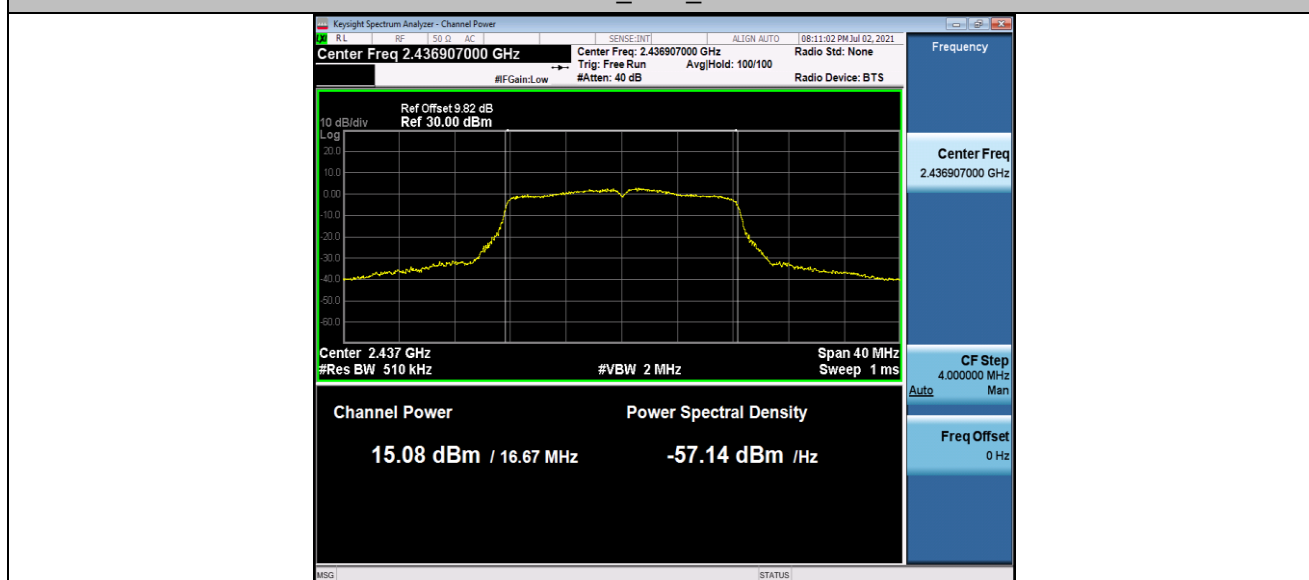
11G_Ant1_2412



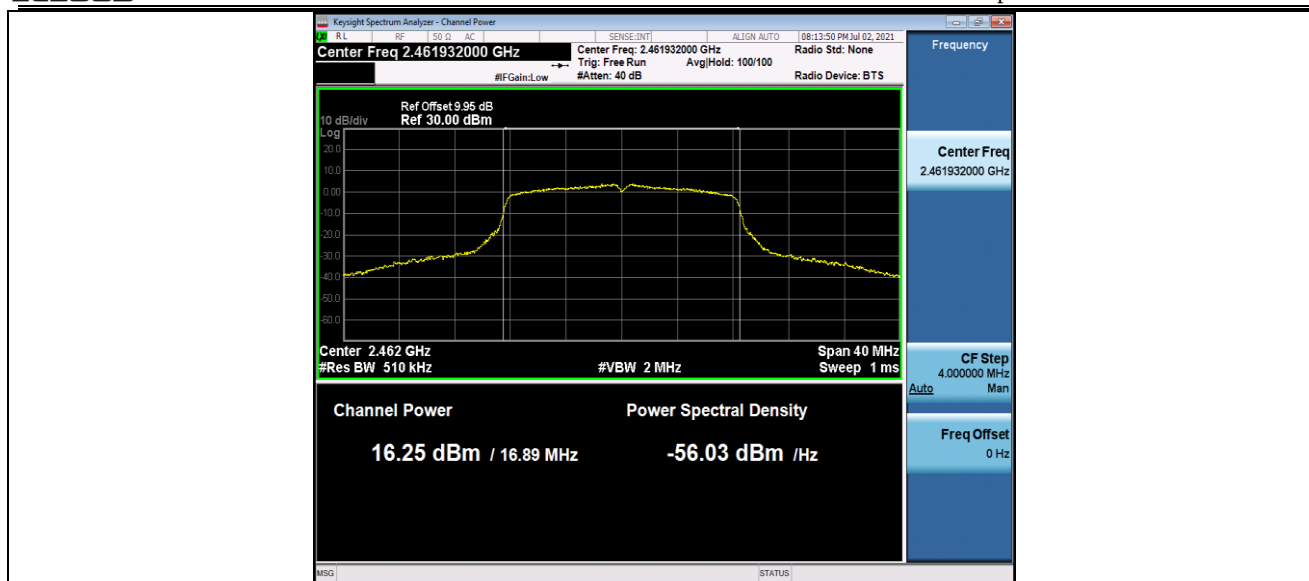
11G_Ant2_2412



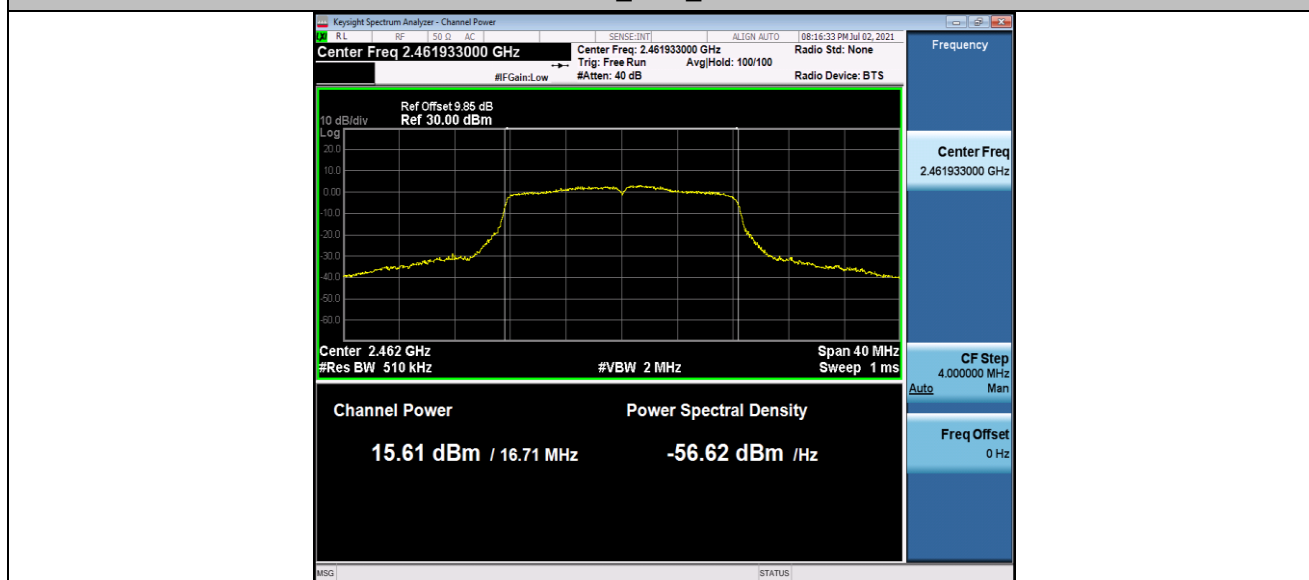
11G_Ant1_2437



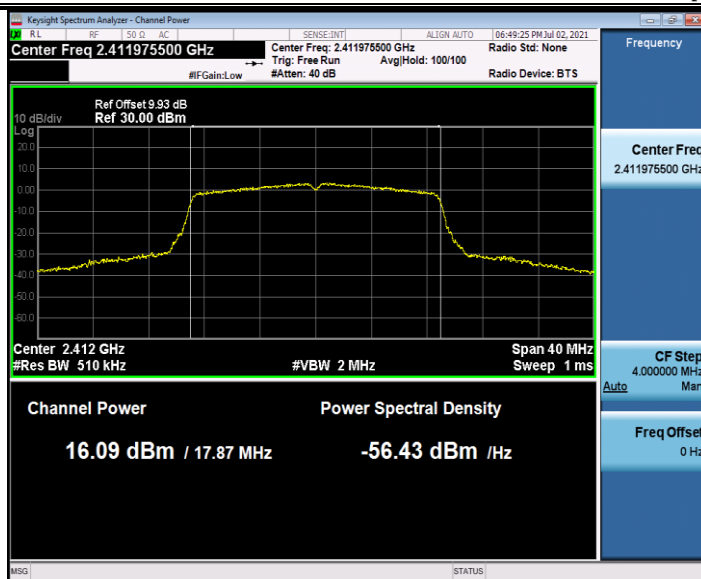
11G_Ant2_2437



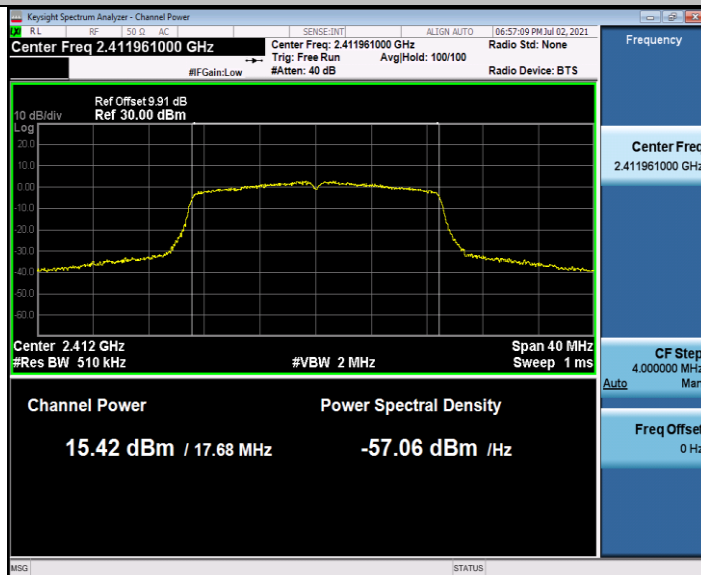
11G_Ant1_2462



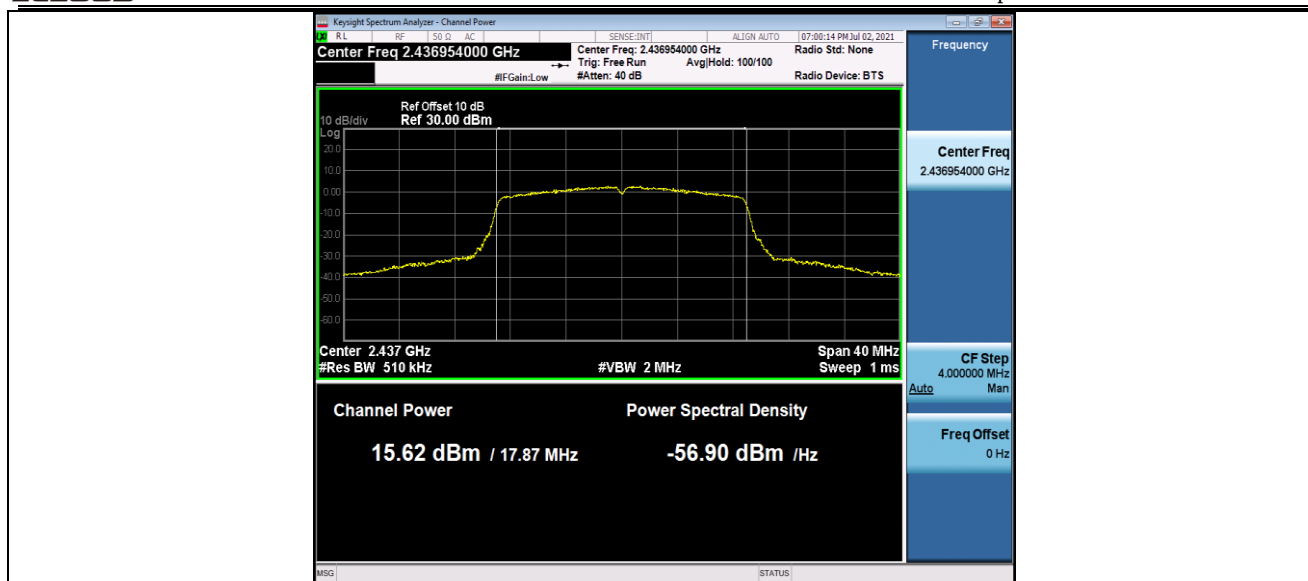
11G_Ant2_2462



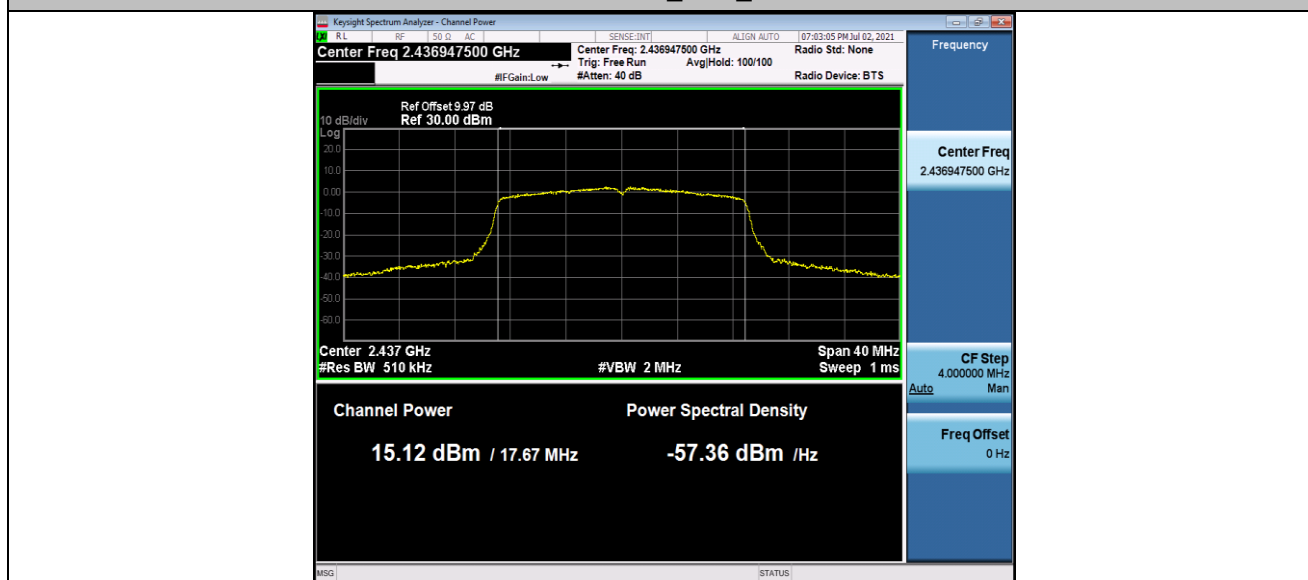
11N20MIMO_Ant1_2412



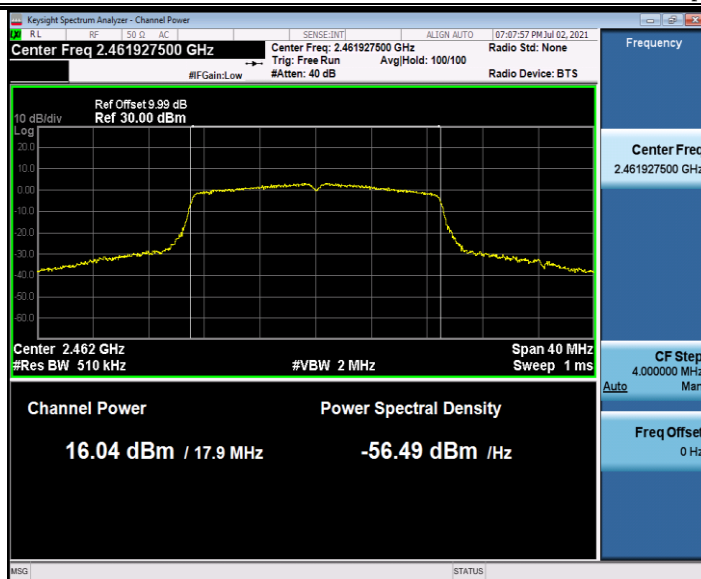
11N20MIMO_Ant2_2412



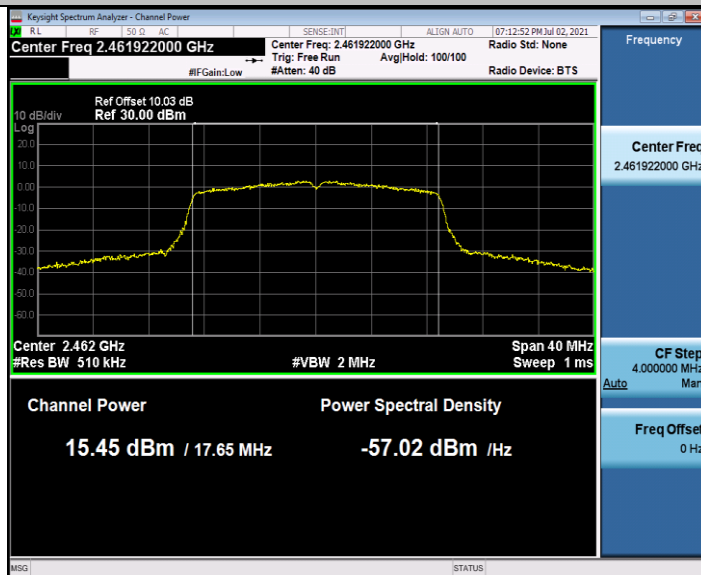
11N20MIMO_Ant1_2437



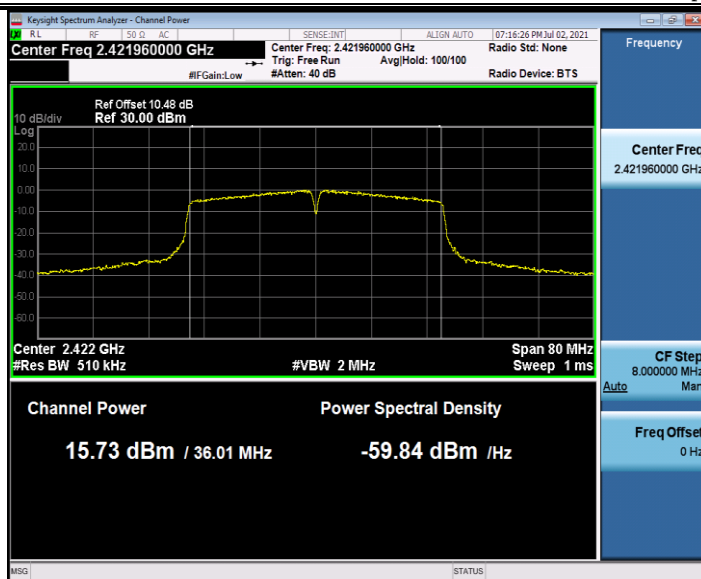
11N20MIMO_Ant2_2437



11N20MIMO_Ant1_2462



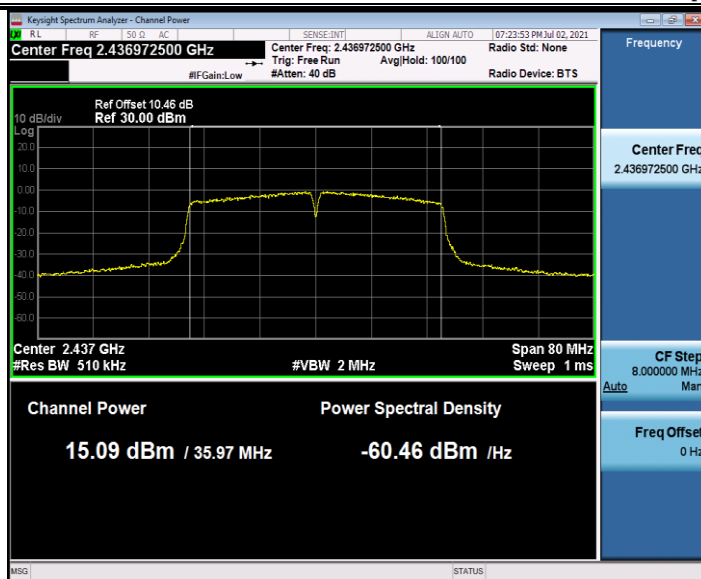
11N20MIMO_Ant2_2462



11N40MIMO_Ant1_2422



11N40MIMO_Ant2_2422



11N40MIMO_Ant1_2437



11N40MIMO_Ant2_2437



11N40MIMO_Ant1_2452



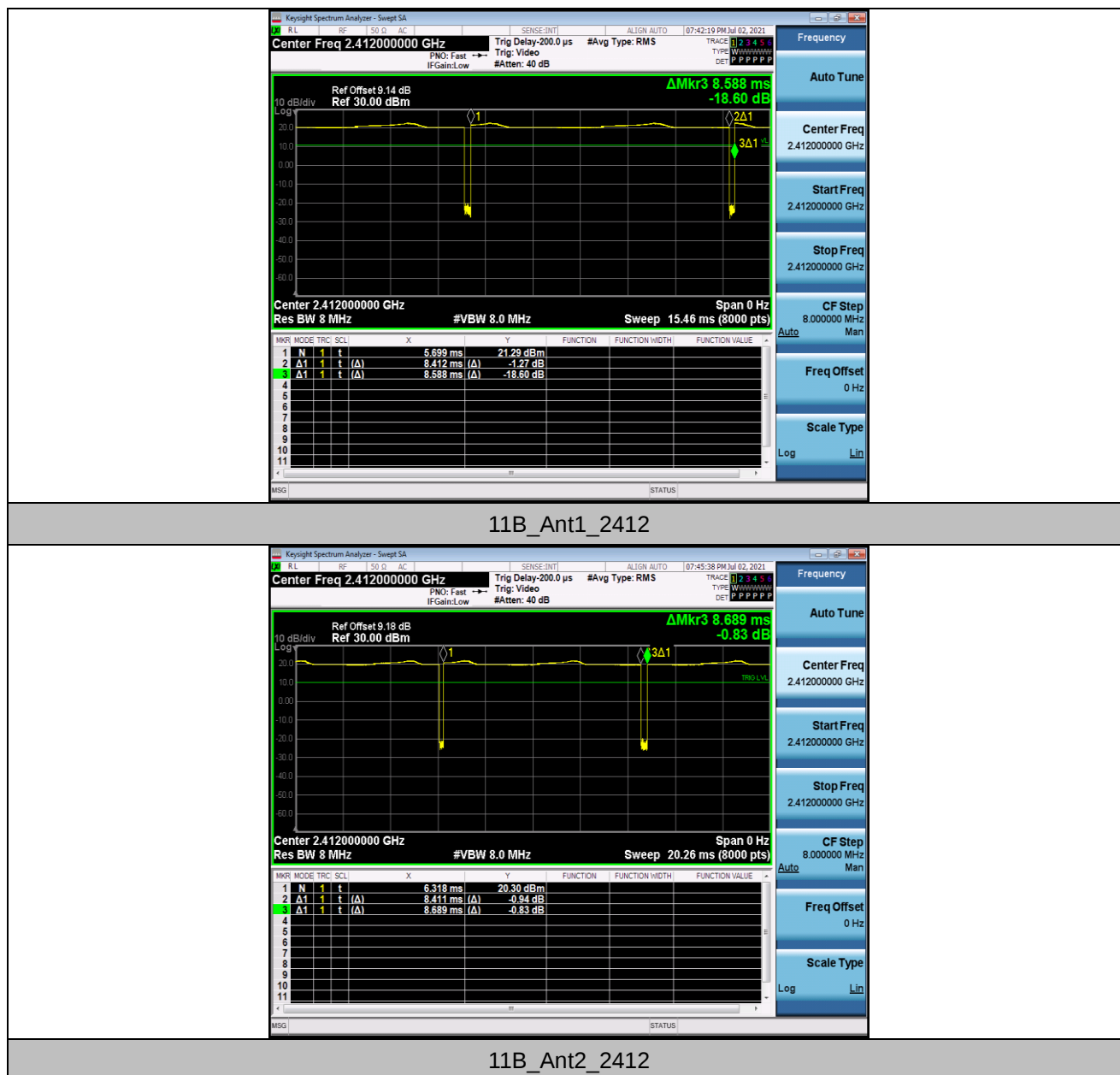
11N40MIMO_Ant2_2452

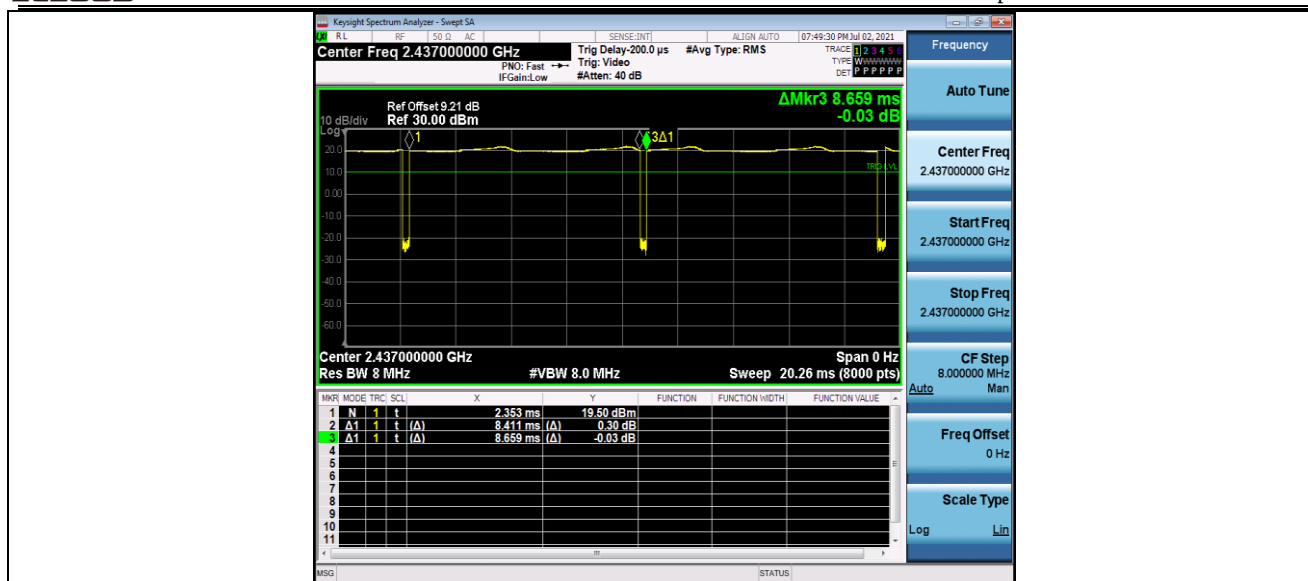
Appendix D: Duty Cycle

Test Result

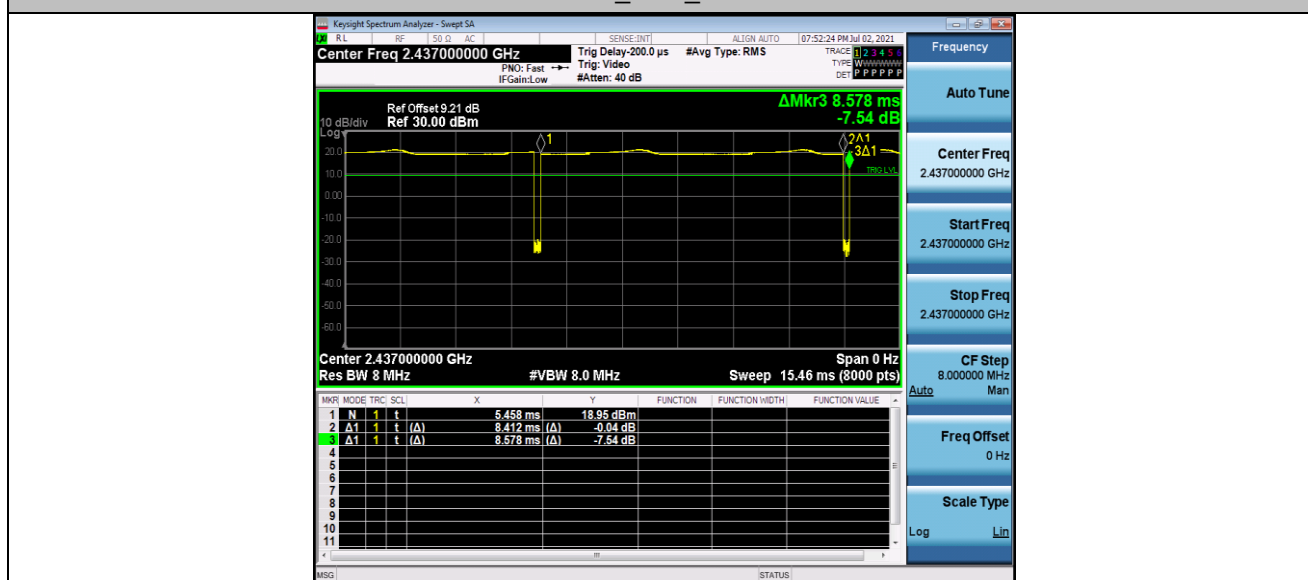
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	8.41	8.59	97.90
	Ant2	2412	8.41	8.69	96.78
	Ant1	2437	8.41	8.66	97.11
	Ant2	2437	8.41	8.58	98.02
	Ant1	2462	8.41	8.61	97.68
	Ant2	2462	8.41	8.61	97.68
11G	Ant1	2412	1.39	1.65	84.24
	Ant2	2412	1.39	1.66	83.73
	Ant1	2437	1.39	1.66	83.73
	Ant2	2437	1.39	1.60	86.88
	Ant1	2462	1.40	1.62	86.42
	Ant2	2462	1.40	1.59	88.05
11N20MIMO	Ant1	2412	1.31	1.57	83.44
	Ant2	2412	1.31	1.55	84.52
	Ant1	2437	1.31	1.57	83.44
	Ant2	2437	1.31	1.56	83.97
	Ant1	2462	1.31	1.53	85.62
	Ant2	2462	1.31	1.55	84.52
11N40MIMO	Ant1	2422	0.65	0.87	74.71
	Ant2	2422	0.65	0.82	79.27
	Ant1	2437	0.66	0.88	75.00
	Ant2	2437	0.65	0.85	76.47
	Ant1	2452	0.66	0.94	70.21
	Ant2	2452	0.66	0.94	70.21

Test Graphs

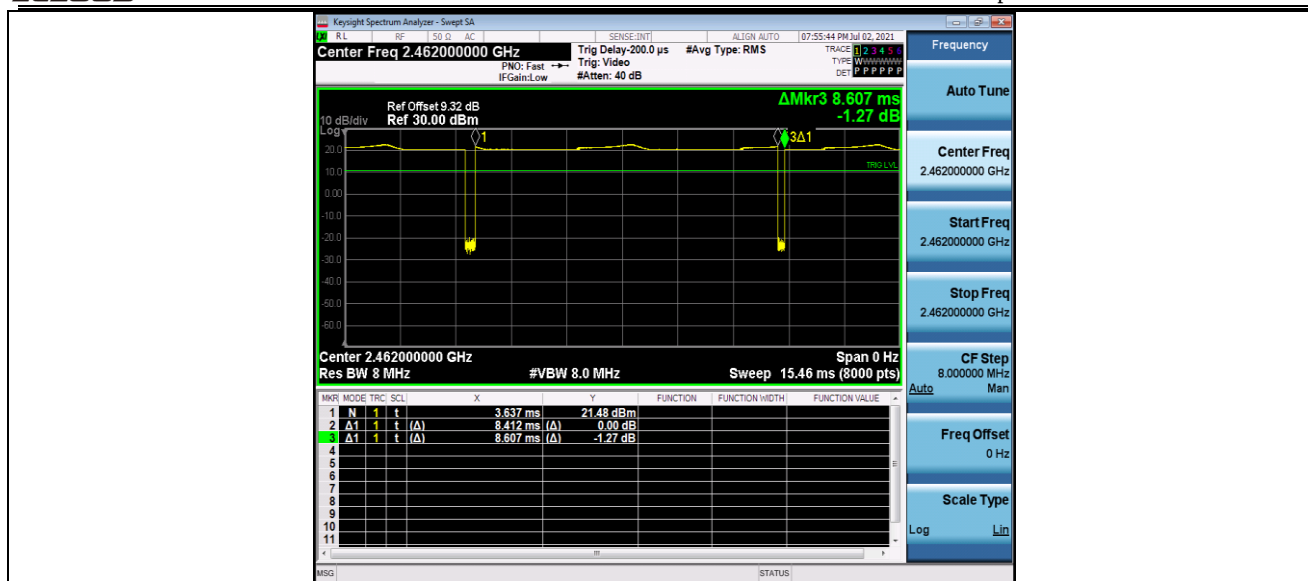




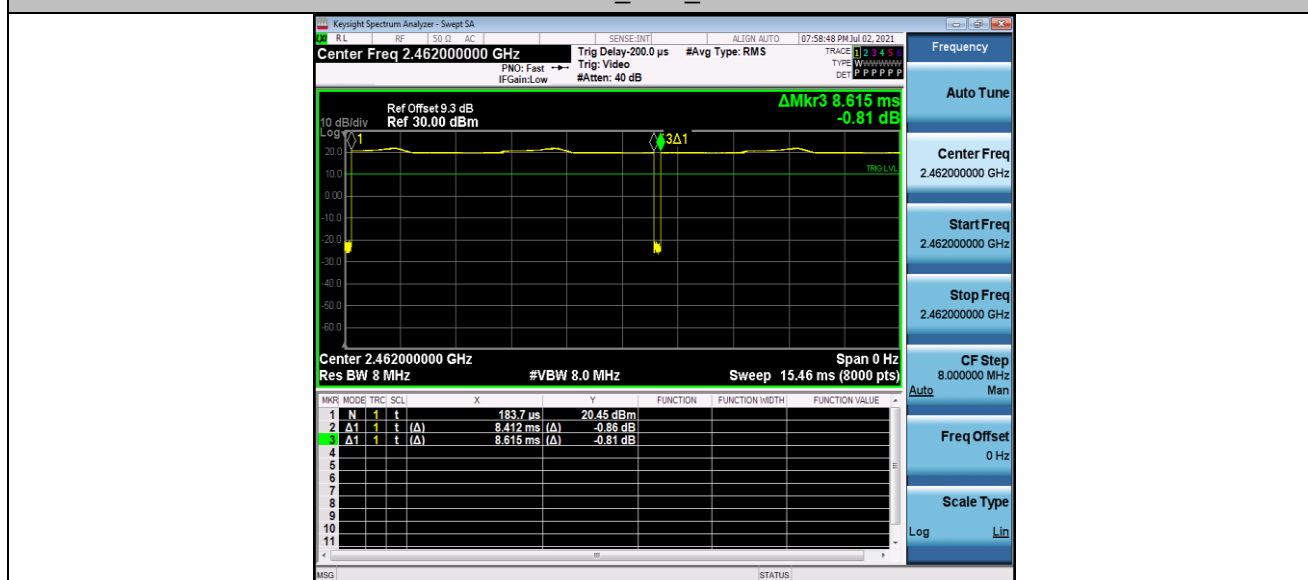
11B_Ant1_2437



11B_Ant2_2437



11B_Ant1_2462



11B_Ant2_2462