

RF Test Data for WLAN(2.4G) (Conducted Measurement)

Product Name: 4K Set Top Box

Trade Mark: N/A

Test Model: Dongle R 4K-SN8BKAJ

FCC ID: 2AOVU-SN8BKAX

Environmental Conditions

Temperature:	25.5°C
Relative Humidity:	55%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
NOTE	N/A

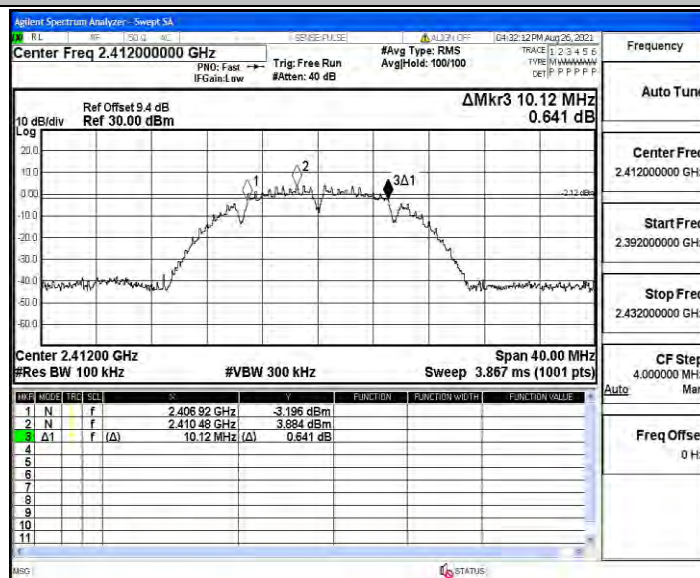
Appendix A: DTS Bandwidth

Test Result

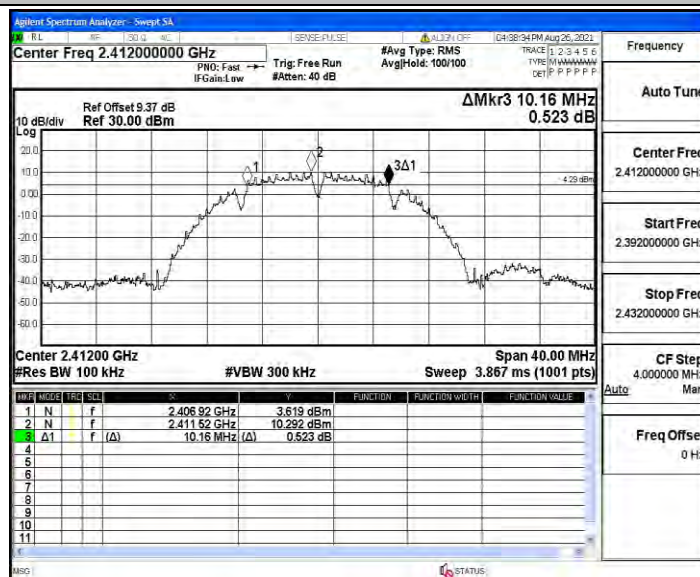
TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.120	2406.920	2417.040	0.5	PASS
	Ant2	2412	10.160	2406.920	2417.080	0.5	PASS
	Ant1	2437	10.160	2431.920	2442.080	0.5	PASS
	Ant2	2437	10.160	2431.920	2442.080	0.5	PASS
	Ant1	2462	10.160	2456.920	2467.080	0.5	PASS
	Ant2	2462	10.120	2456.960	2467.080	0.5	PASS
11G	Ant1	2412	15.360	2404.440	2419.800	0.5	PASS
	Ant2	2412	16.360	2403.840	2420.200	0.5	PASS
	Ant1	2437	16.360	2428.840	2445.200	0.5	PASS
	Ant2	2437	16.400	2428.800	2445.200	0.5	PASS
	Ant1	2462	15.720	2454.080	2469.800	0.5	PASS
	Ant2	2462	16.000	2453.800	2469.800	0.5	PASS
11N20MIMO	Ant1	2412	16.320	2404.120	2420.440	0.5	PASS
	Ant2	2412	16.960	2403.440	2420.400	0.5	PASS
	Ant1	2437	16.320	2428.480	2444.800	0.5	PASS
	Ant2	2437	17.360	2428.200	2445.560	0.5	PASS
	Ant1	2462	16.080	2454.080	2470.160	0.5	PASS
	Ant2	2462	17.600	2453.200	2470.800	0.5	PASS
11N40MIMO	Ant1	2422	35.040	2404.560	2439.600	0.5	PASS
	Ant2	2422	34.000	2404.400	2438.400	0.5	PASS
	Ant1	2437	35.280	2419.320	2454.600	0.5	PASS
	Ant2	2437	36.000	2419.000	2455.000	0.5	PASS
	Ant1	2452	35.200	2434.400	2469.600	0.5	PASS
	Ant2	2452	35.200	2434.400	2469.600	0.5	PASS

Test Graphs

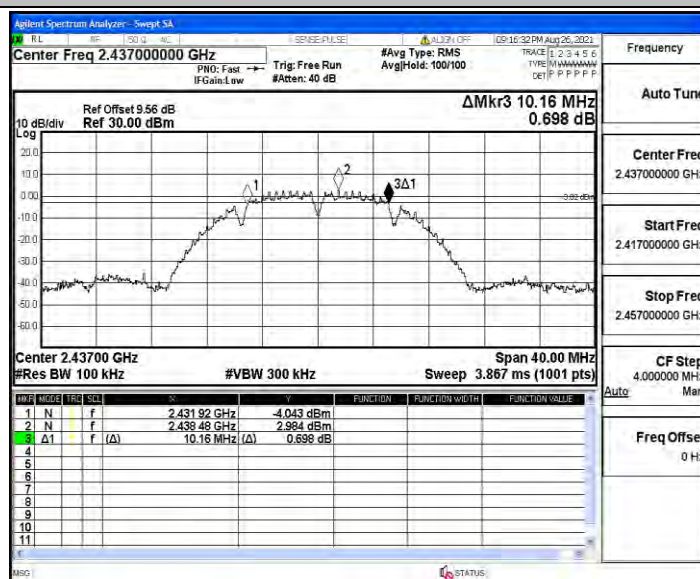
11B_Ant1_2412



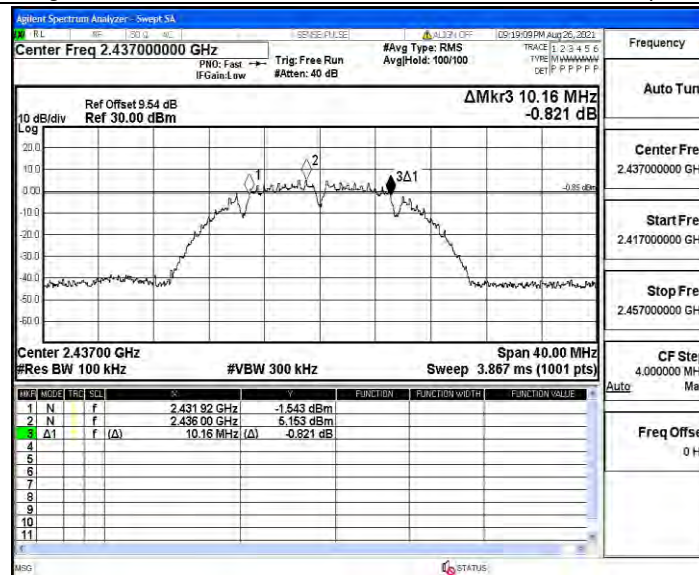
11B_Ant2_2412



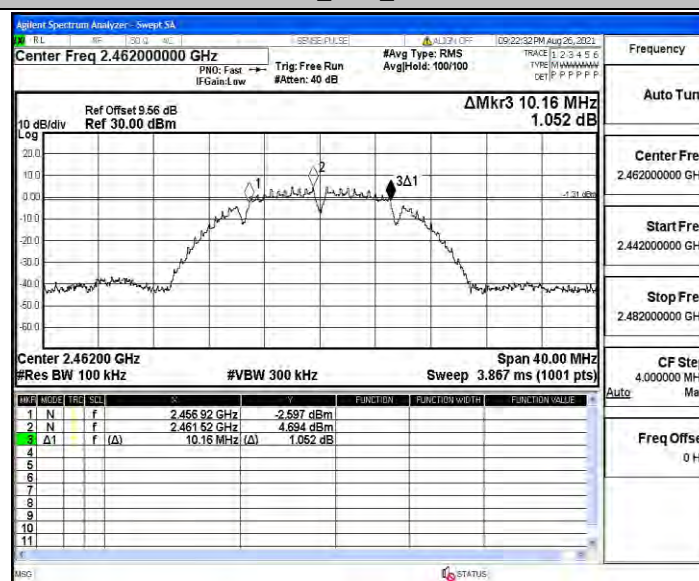
11B_Ant1_2437



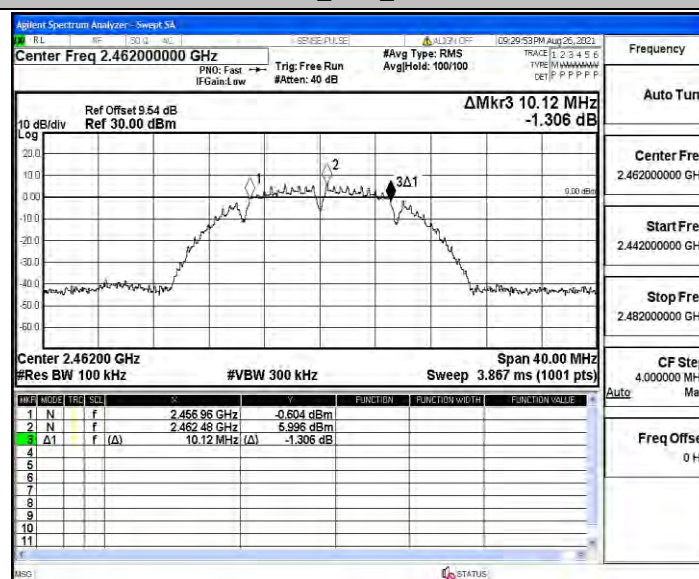
11B_Ant2_2437



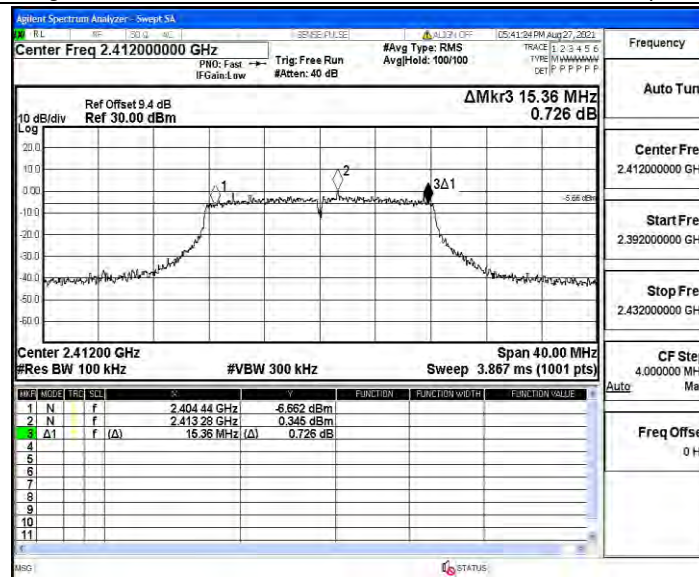
11B_Ant1_2462



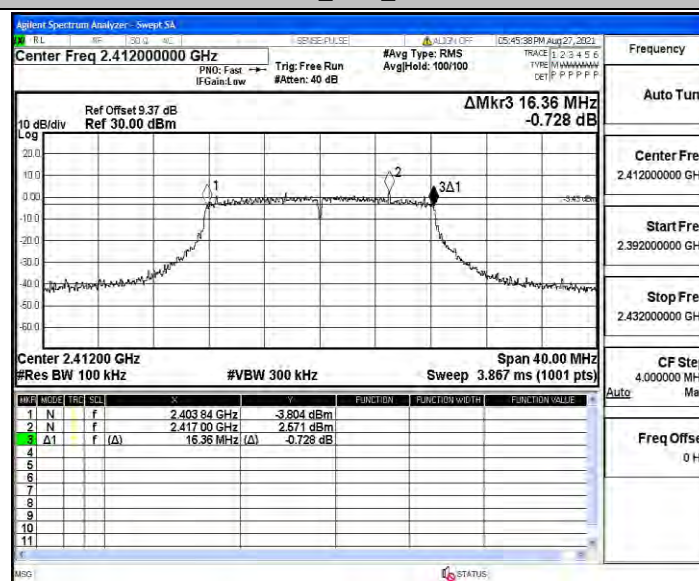
11B_Ant2_2462



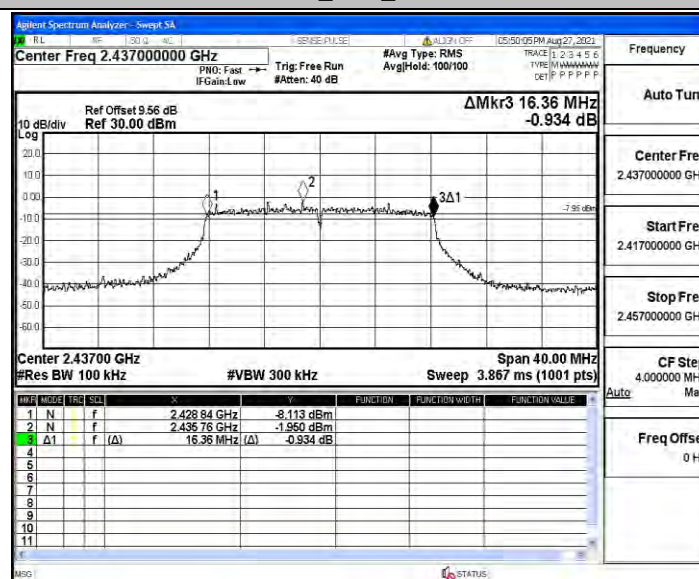
11G_Ant1_2412



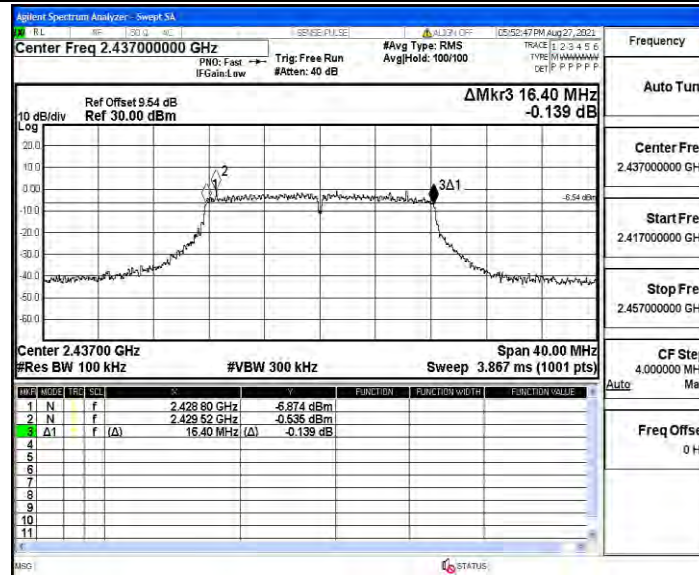
11G_Ant2_2412



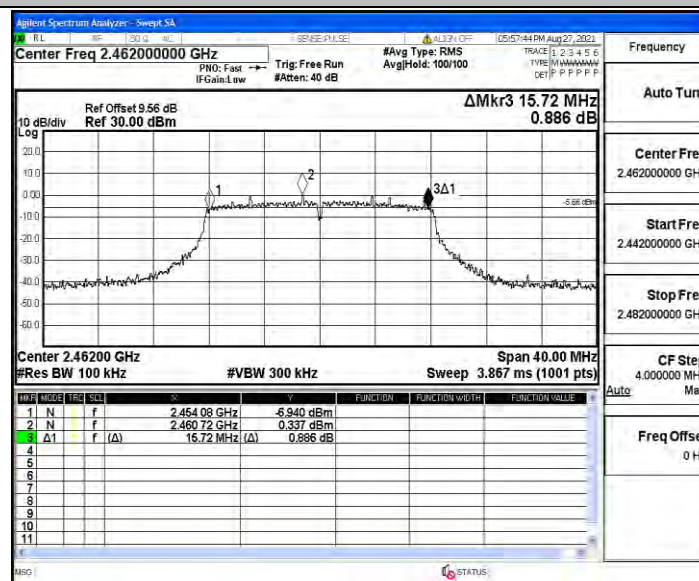
11G_Ant1_2437



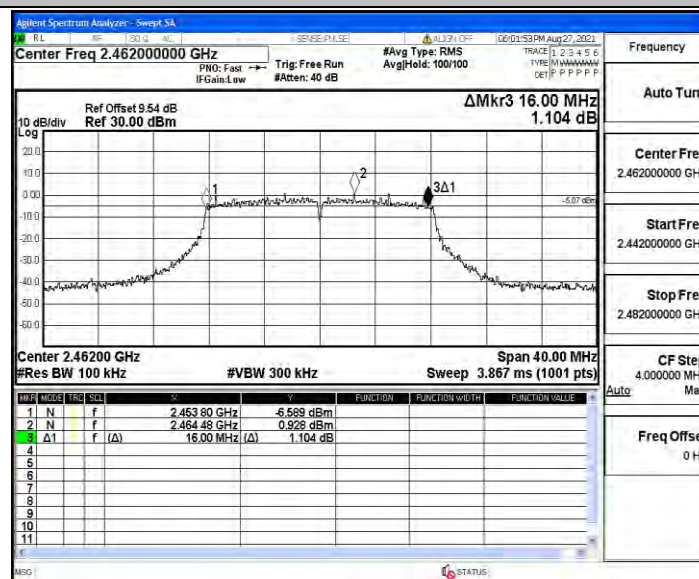
11G_Ant2_2437



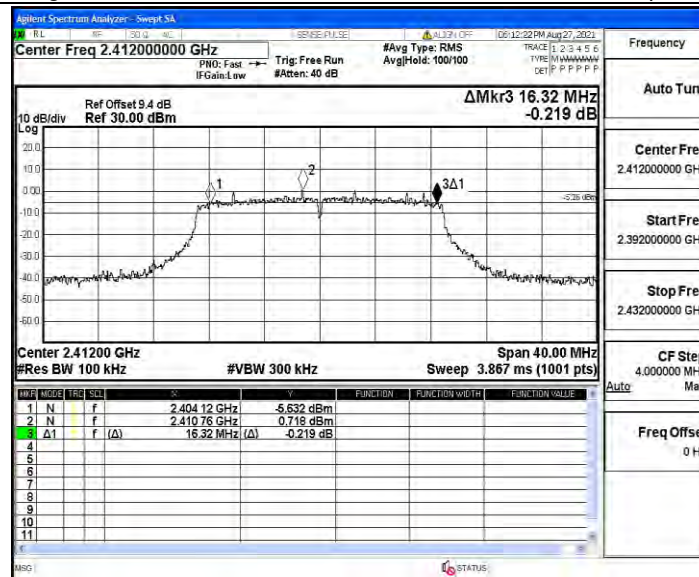
11G_Ant1_2462



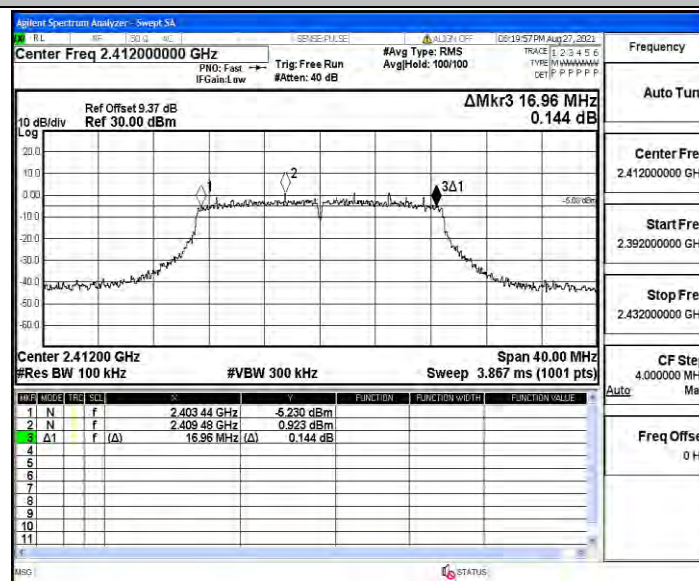
11G_Ant2_2462



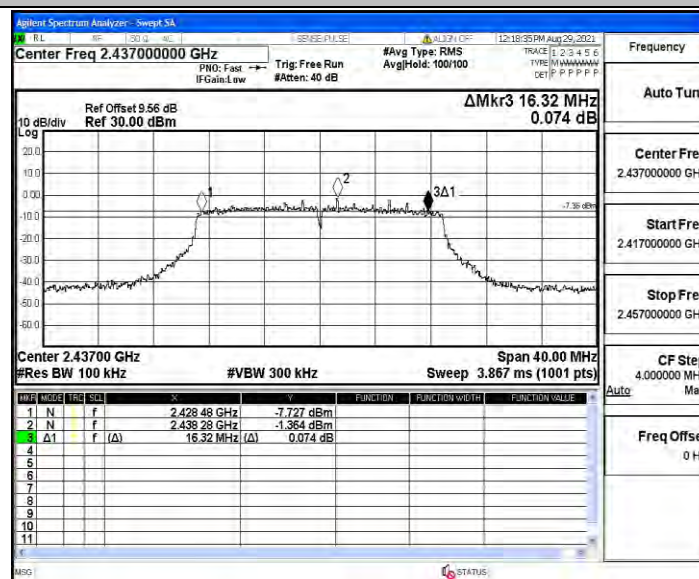
11N20MIMO_Ant1_2412



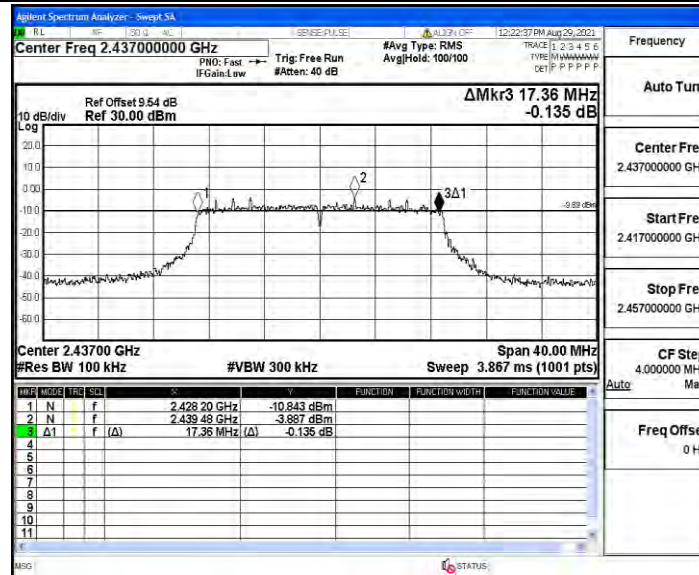
11N20MIMO_Ant2_2412



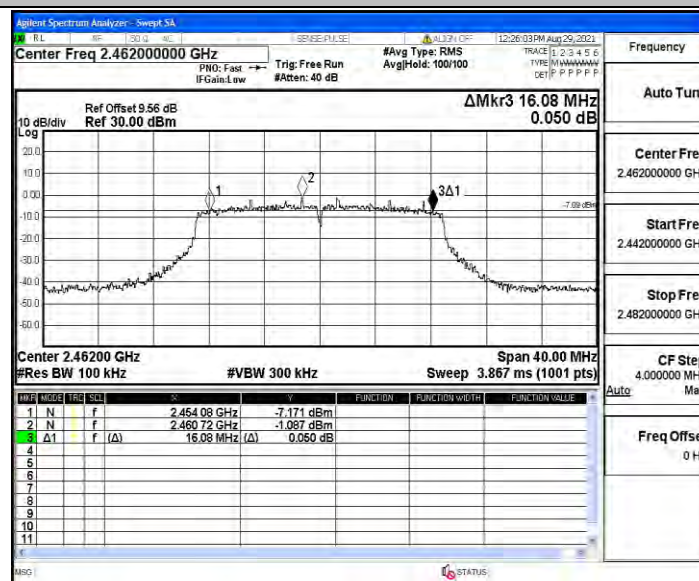
11N20MIMO_Ant1_2437



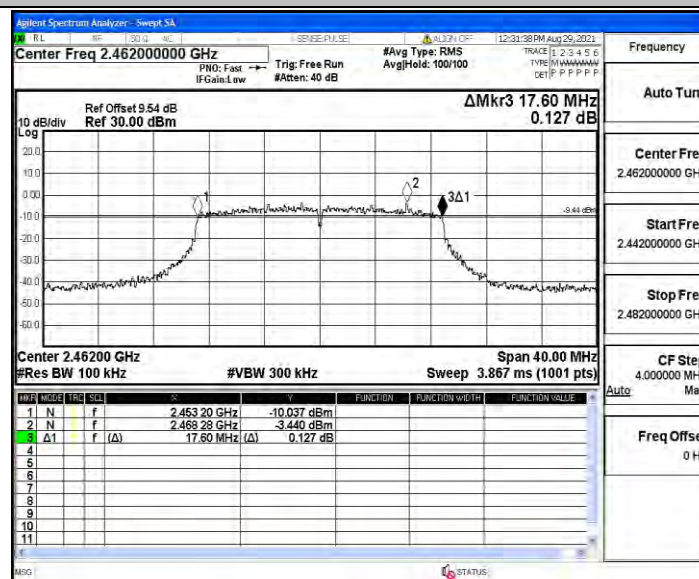
11N20MIMO_Ant2_2437



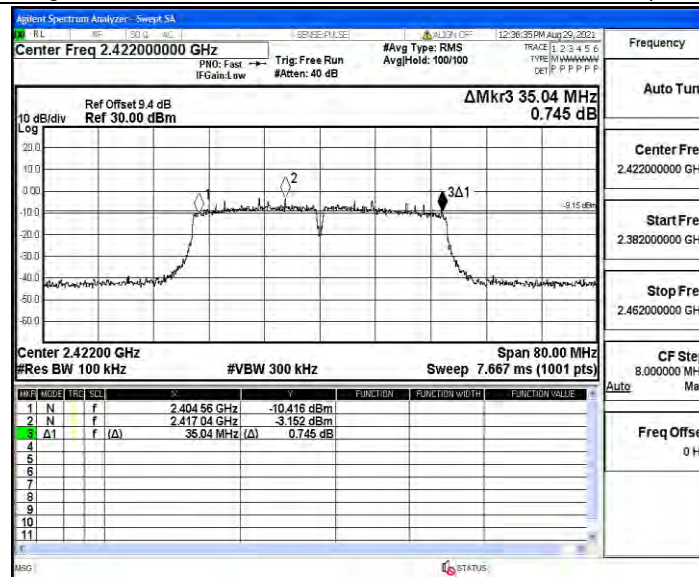
11N20MIMO_Ant1_2462



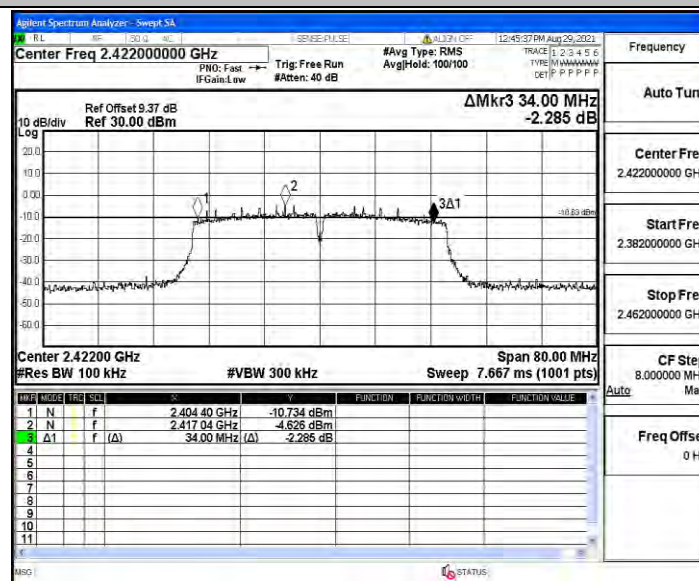
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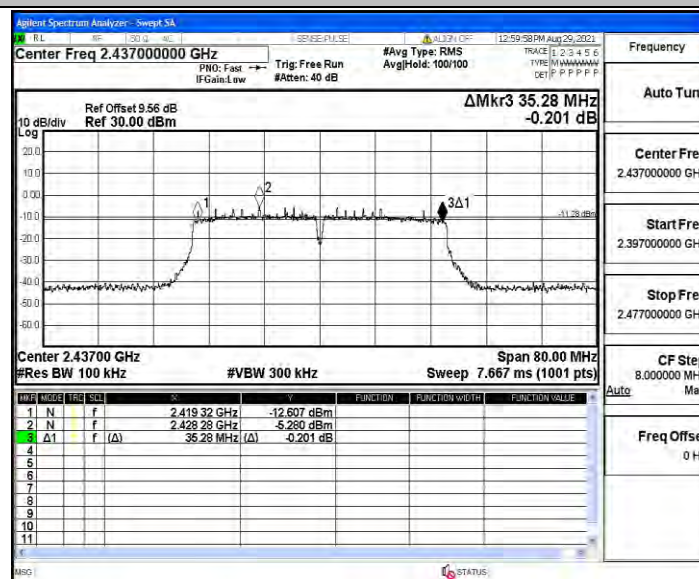
11N40MIMO_Ant1_2422



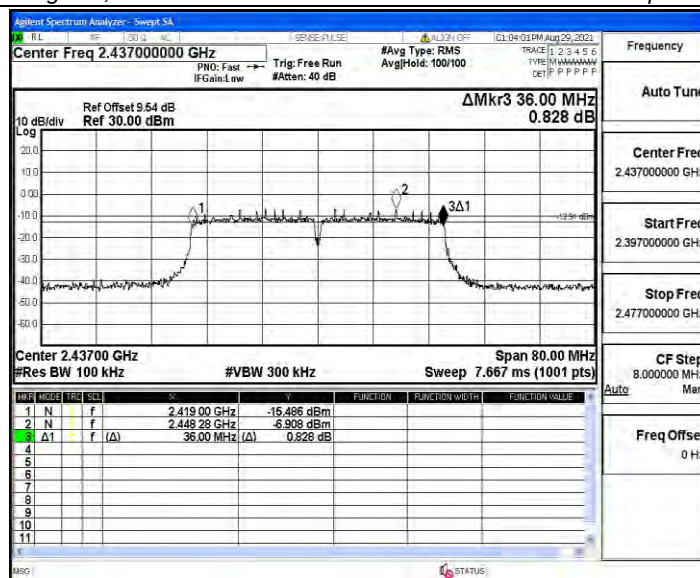
11N40MIMO_Ant2_2422



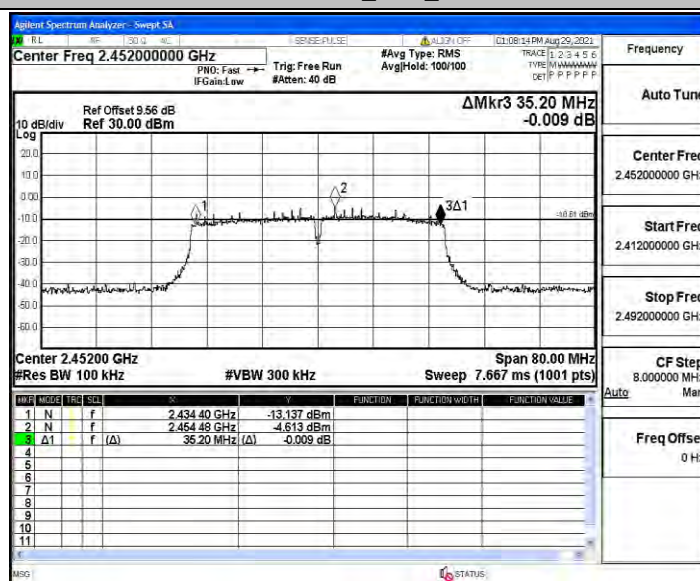
11N40MIMO_Ant1_2437



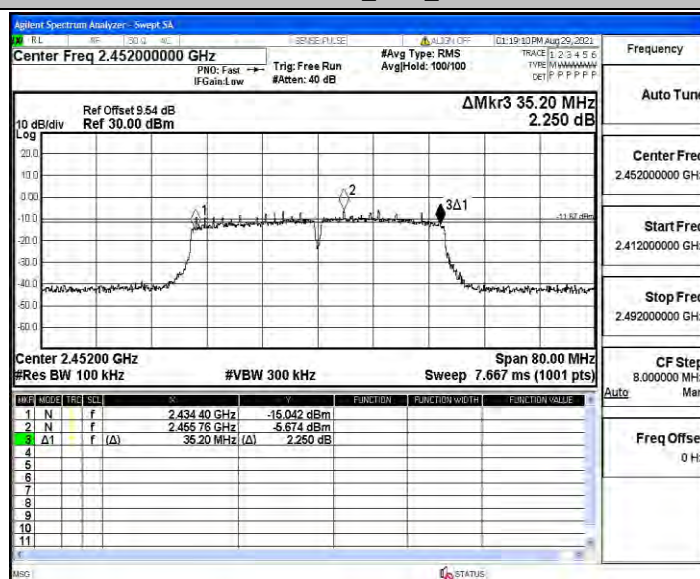
11N40MIMO_Ant2_2437



11N40MIMO_Ant1_2452



11N40MIMO_Ant2_2452



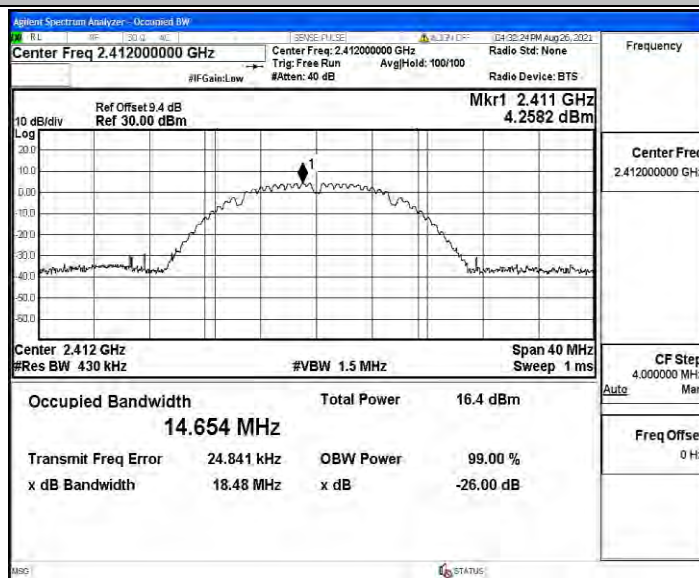
Appendix B: Occupied Channel Bandwidth

Test Result

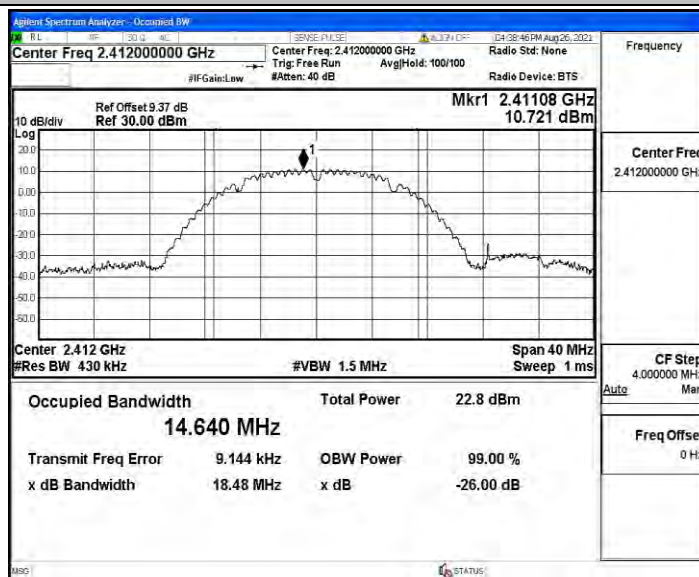
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.654	2404.698	2419.352	---	PASS
	Ant2	2412	14.640	2404.689	2419.329	---	PASS
	Ant1	2437	14.891	2429.562	2444.453	---	PASS
	Ant2	2437	14.747	2429.625	2444.372	---	PASS
	Ant1	2462	14.639	2454.699	2469.338	---	PASS
	Ant2	2462	14.492	2454.791	2469.283	---	PASS
11G	Ant1	2412	16.777	2403.683	2420.460	---	PASS
	Ant2	2412	16.586	2403.735	2420.321	---	PASS
	Ant1	2437	16.874	2428.608	2445.482	---	PASS
	Ant2	2437	16.708	2428.634	2445.342	---	PASS
	Ant1	2462	16.696	2453.705	2470.401	---	PASS
	Ant2	2462	16.573	2453.750	2470.323	---	PASS
11N20MIMO	Ant1	2412	17.924	2403.117	2421.041	---	PASS
	Ant2	2412	17.802	2403.139	2420.941	---	PASS
	Ant1	2437	17.850	2428.068	2445.918	---	PASS
	Ant2	2437	17.974	2428.051	2446.025	---	PASS
	Ant1	2462	17.852	2453.093	2470.945	---	PASS
	Ant2	2462	17.821	2453.118	2470.939	---	PASS
11N40MIMO	Ant1	2422	36.198	2403.861	2440.059	---	PASS
	Ant2	2422	36.262	2403.871	2440.133	---	PASS
	Ant1	2437	36.578	2418.817	2455.395	---	PASS
	Ant2	2437	36.593	2418.727	2455.320	---	PASS
	Ant1	2452	36.274	2433.886	2470.160	---	PASS
	Ant2	2452	36.177	2434.046	2470.223	---	PASS

Test Graphs

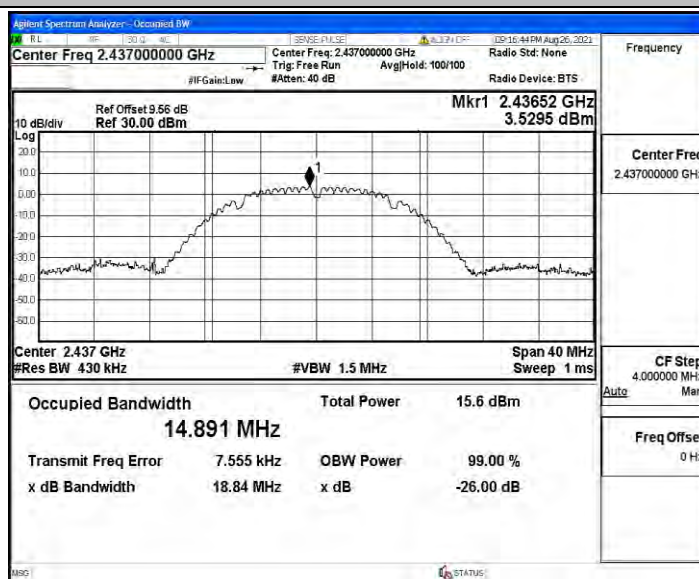
11B_Ant1_2412



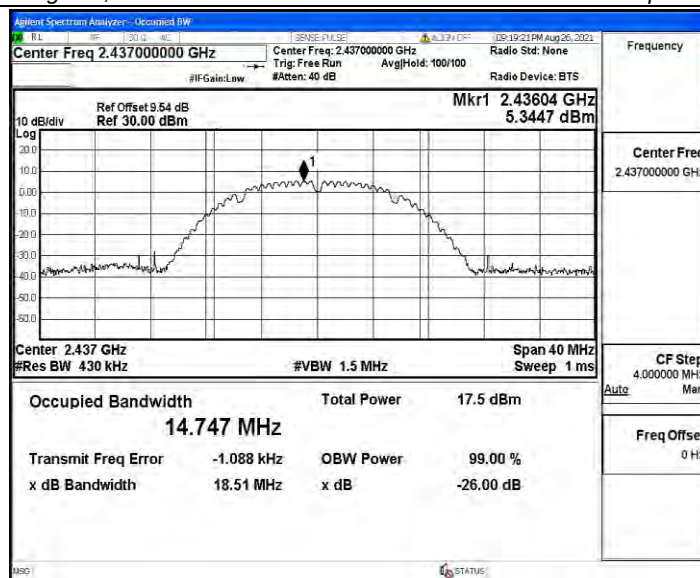
11B_Ant2_2412



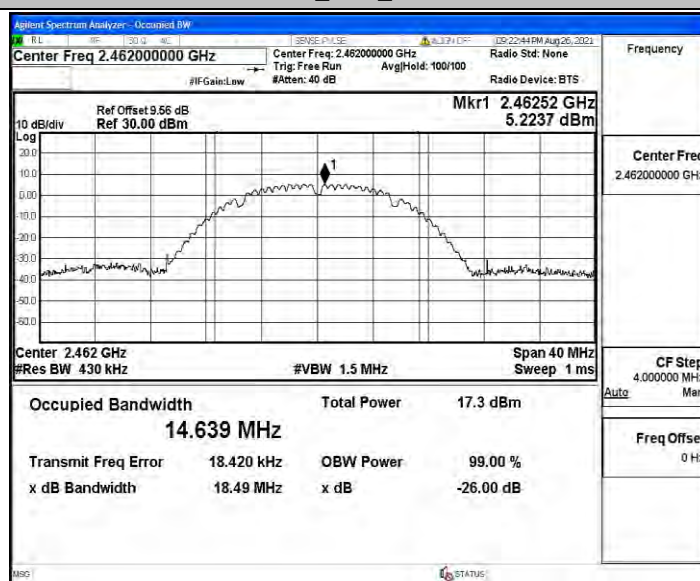
11B_Ant1_2437



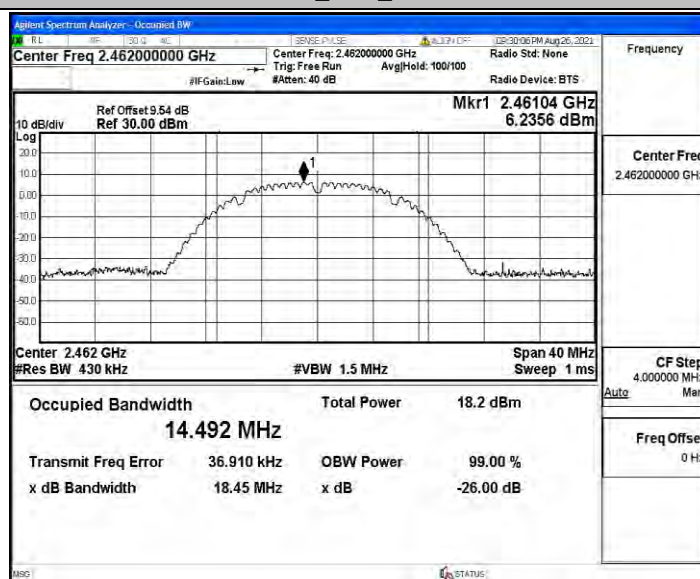
11B_Ant2_2437



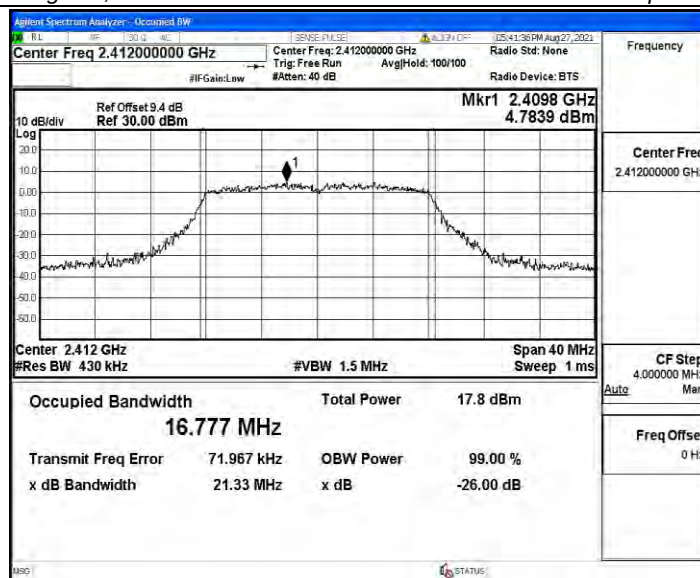
11B_Ant1_2462



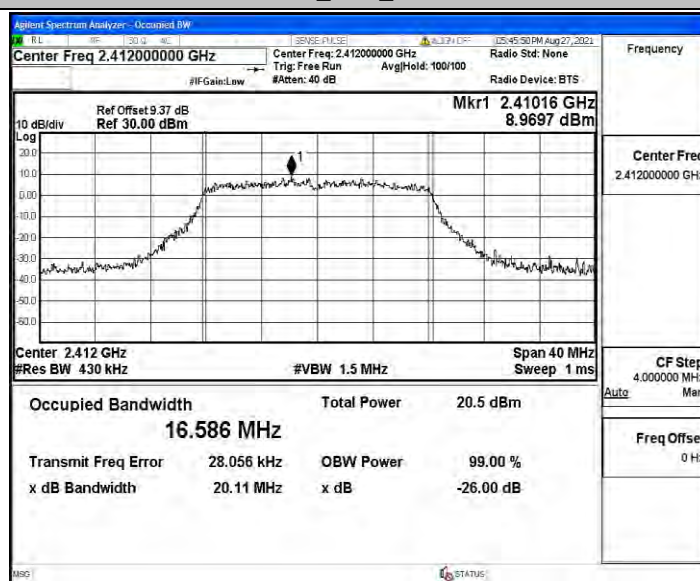
11B_Ant2_2462



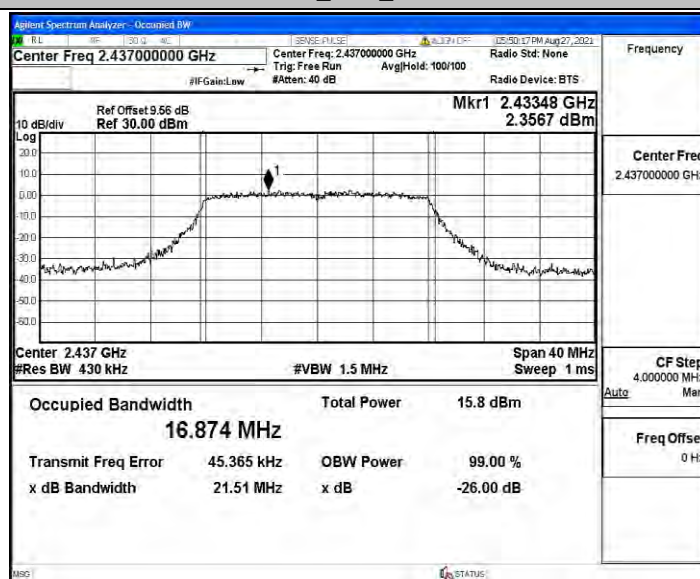
11G_Ant1_2412



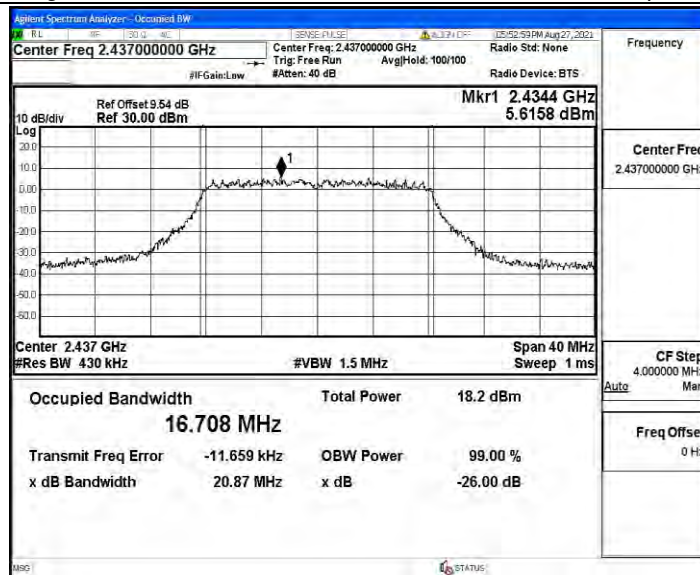
11G_Ant2_2412



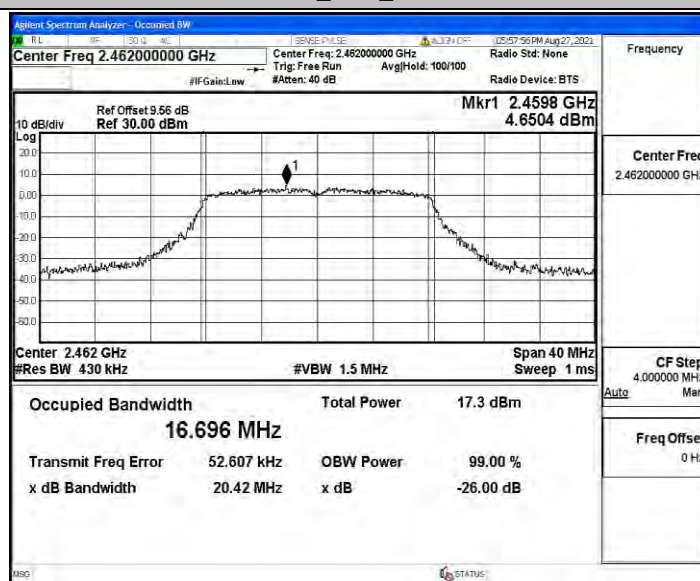
11G_Ant1_2437



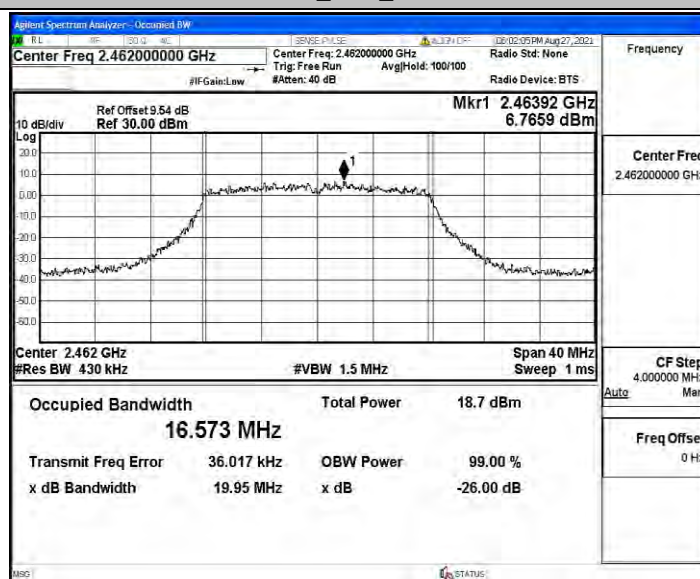
11G_Ant2_2437



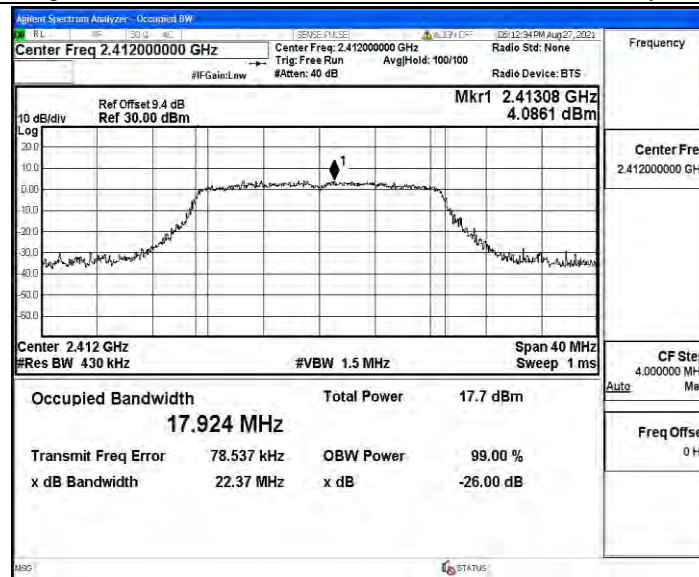
11G_Ant1_2462



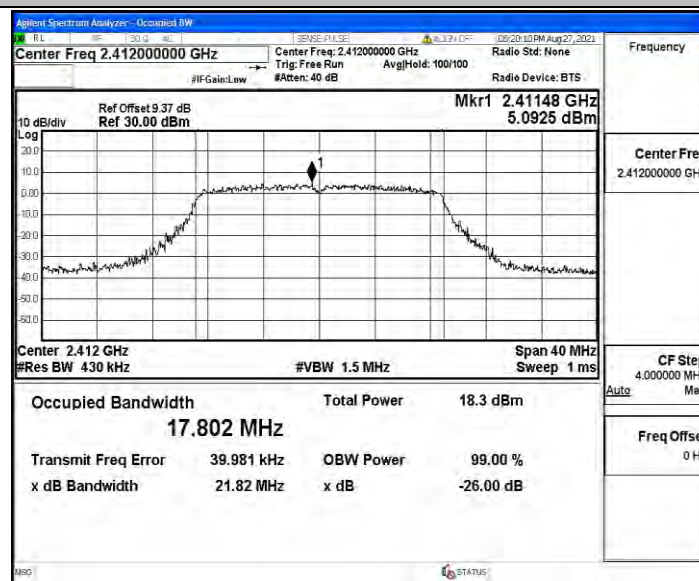
11G_Ant2_2462



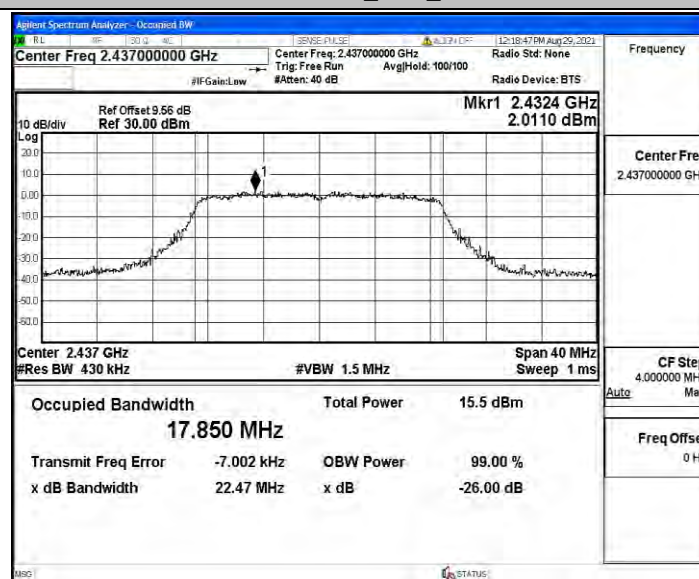
11N20MIMO_Ant1_2412



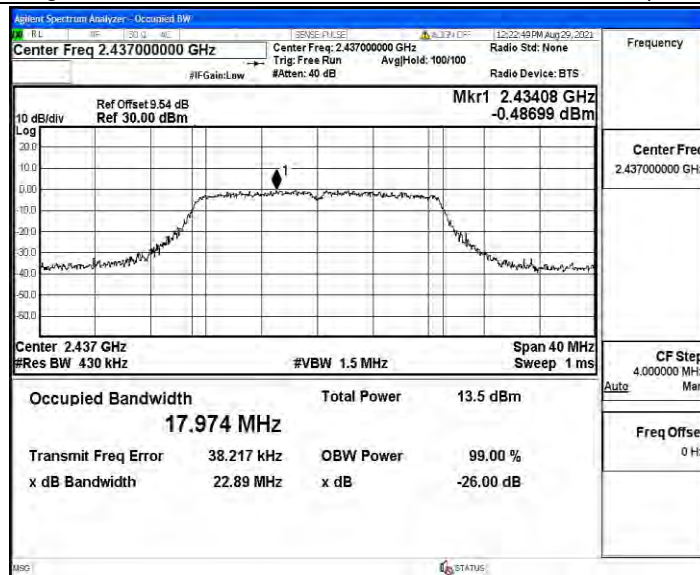
11N20MIMO_Ant2_2412



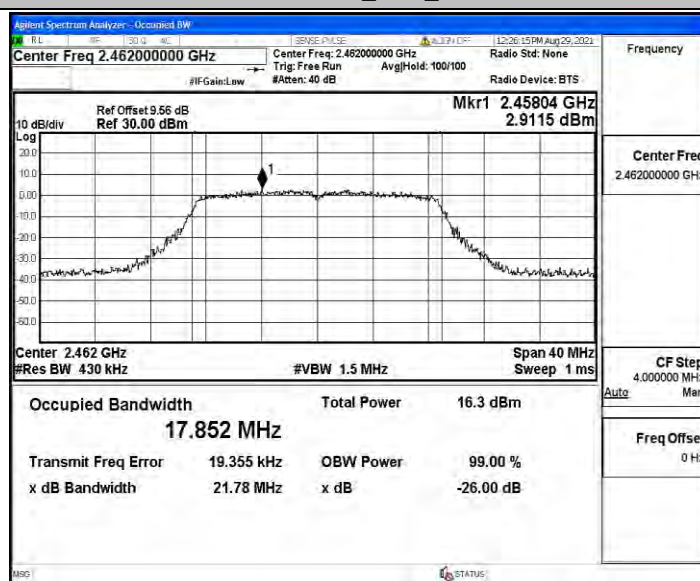
11N20MIMO_Ant1_2437



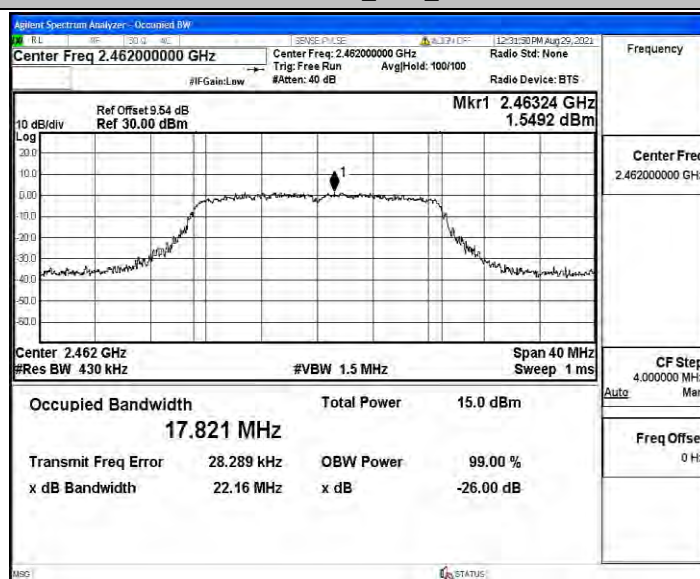
11N20MIMO_Ant2_2437



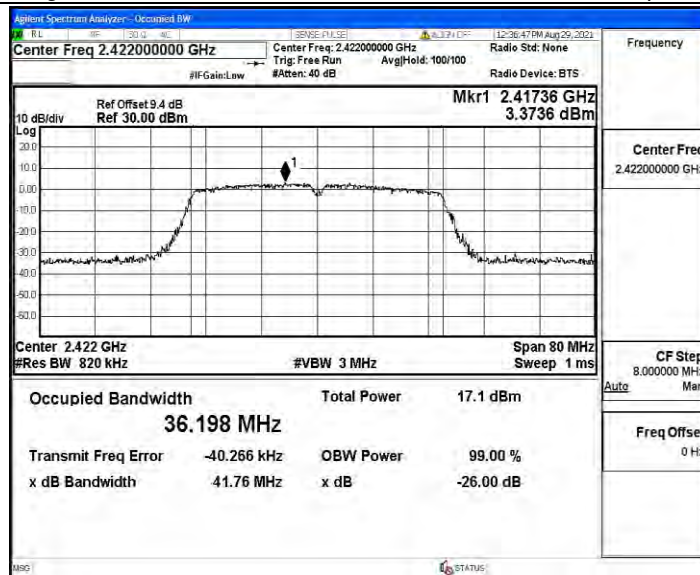
11N20MIMO_Ant1_2462



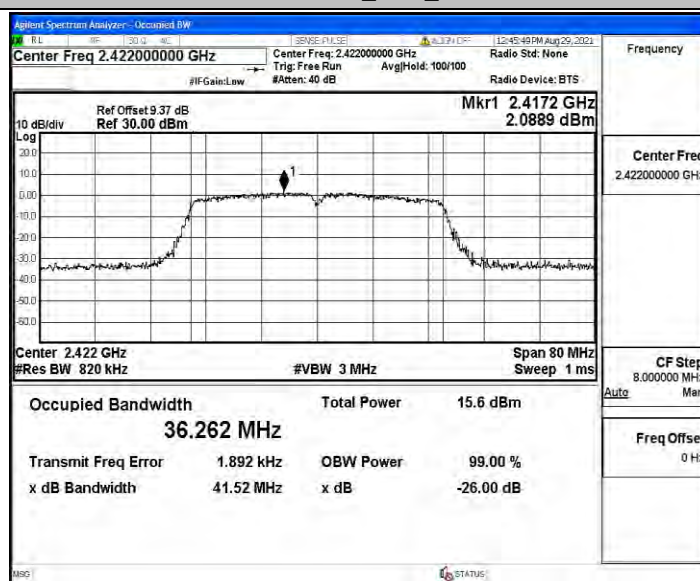
11N20MIMO_Ant2_2462



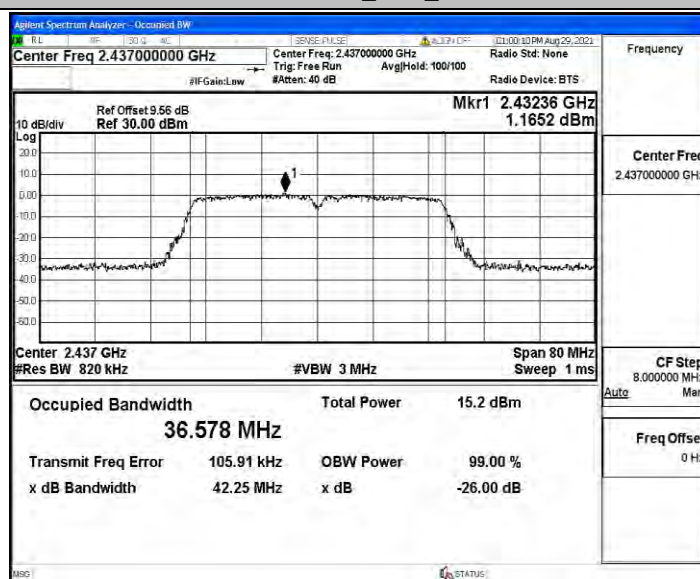
11N40MIMO_Ant1_2422



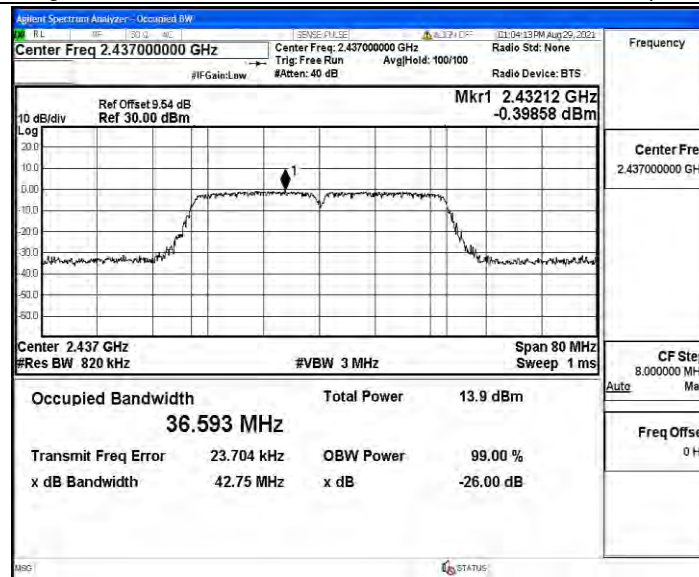
11N40MIMO_Ant2_2422



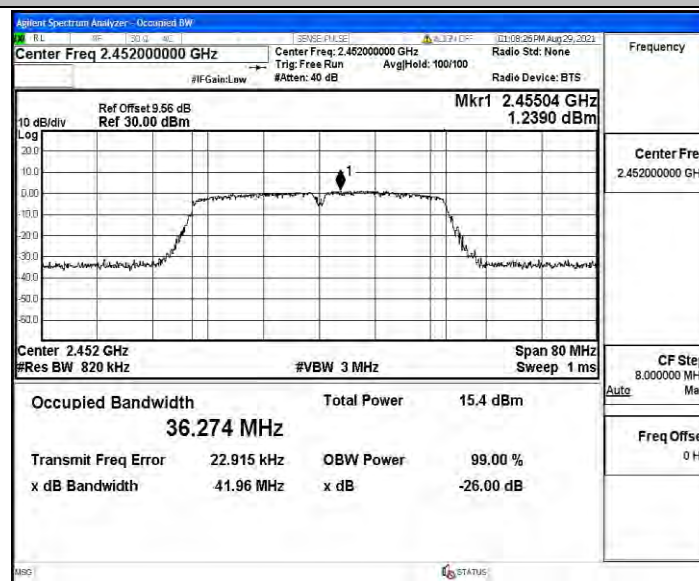
11N40MIMO_Ant1_2437



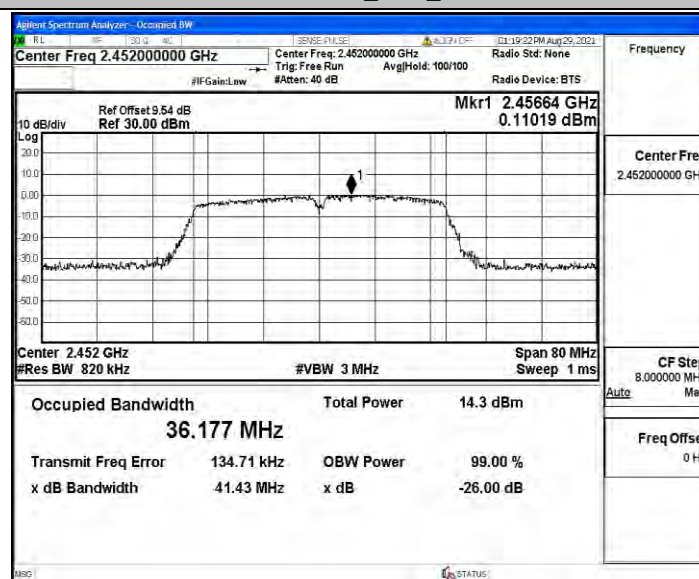
11N40MIMO_Ant2_2437



11N40MIMO_Ant1_2452



11N40MIMO_Ant2_2452



Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	13.39	≤30	PASS
	Ant2	2412	15.21	≤30	PASS
	Ant1	2437	12.60	≤30	PASS
	Ant2	2437	14.26	≤30	PASS
	Ant1	2462	14.18	≤30	PASS
	Ant2	2462	15.16	≤30	PASS
11G	Ant1	2412	9.83	≤30	PASS
	Ant2	2412	13.39	≤30	PASS
	Ant1	2437	9.72	≤30	PASS
	Ant2	2437	11.83	≤30	PASS
	Ant1	2462	11.45	≤30	PASS
	Ant2	2462	12.26	≤30	PASS
11N20MIMO	Ant1	2412	9.34	≤30	PASS
	Ant2	2412	12.19	≤30	PASS
	total	2412	14.0	≤30	PASS
	Ant1	2437	9.48	≤30	PASS
	Ant2	2437	7.61	≤30	PASS
	total	2437	11.7	≤30	PASS
	Ant1	2462	10.28	≤30	PASS
	Ant2	2462	8.98	≤30	PASS
	total	2462	12.7	≤30	PASS
11N40MIMO	Ant1	2422	9.33	≤30	PASS
	Ant2	2422	7.57	≤30	PASS
	total	2422	11.5	≤30	PASS
	Ant1	2437	8.50	≤30	PASS
	Ant2	2437	7.28	≤30	PASS
	total	2437	10.9	≤30	PASS
	Ant1	2452	8.41	≤30	PASS
	Ant2	2452	7.61	≤30	PASS
	total	2452	11.0	≤30	PASS

Note: The Duty Cycle Factor and RBW Factor is compensated in the result

Appendix D: Maximum power spectral density

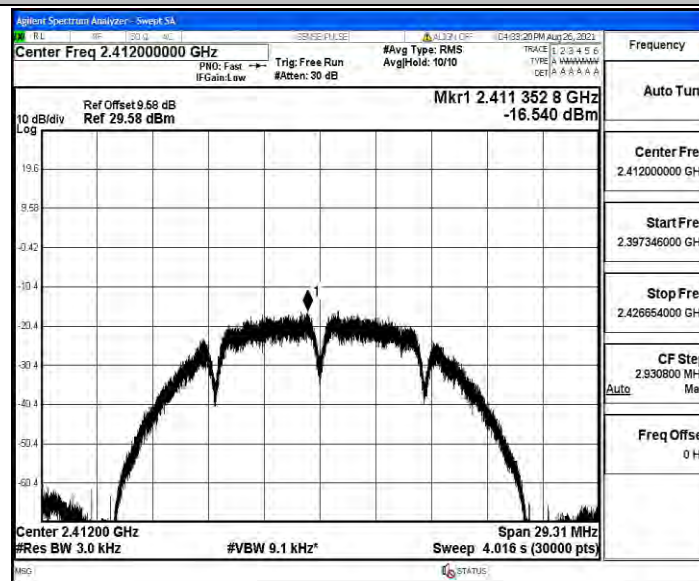
Test Result

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-16.54	≤8	PASS
	Ant2	2412	-14.89	≤8	PASS
	Ant1	2437	-17.22	≤8	PASS
	Ant2	2437	-14.9	≤8	PASS
	Ant1	2462	-16.18	≤8	PASS
	Ant2	2462	-14.44	≤8	PASS
11G	Ant1	2412	-19.7	≤8	PASS
	Ant2	2412	-17.4	≤8	PASS
	Ant1	2437	-19.93	≤8	PASS
	Ant2	2437	-17.63	≤8	PASS
	Ant1	2462	-17.78	≤8	PASS
	Ant2	2462	-17.43	≤8	PASS
11N20MIMO	Ant1	2412	-19.67	≤8	PASS
	Ant2	2412	-17.67	≤8	PASS
	total	2412	-15.55	≤8	PASS
	Ant1	2437	-20.1	≤8	PASS
	Ant2	2437	-23.19	≤8	PASS
	total	2437	-18.37	≤8	PASS
	Ant1	2462	-19.41	≤8	PASS
	Ant2	2462	-21.33	≤8	PASS
	total	2462	-17.25	≤8	PASS
11N40MIMO	Ant1	2422	-23.19	≤8	PASS
	Ant2	2422	-21.15	≤8	PASS
	total	2422	-19.04	≤8	PASS
	Ant1	2437	-22.99	≤8	PASS
	Ant2	2437	-24.54	≤8	PASS
	total	2437	-20.69	≤8	PASS
	Ant1	2452	-22.83	≤8	PASS
	Ant2	2452	-24.89	≤8	PASS
	total	2452	-20.73	≤8	PASS

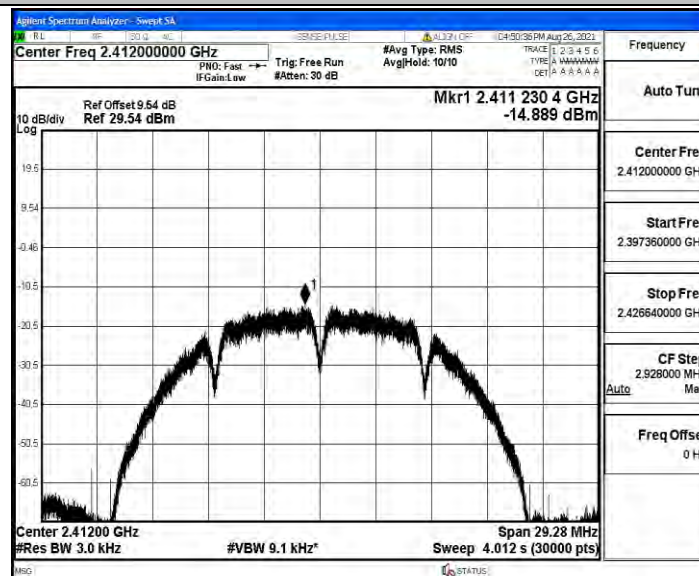
Note: The Duty Cycle Factor and RBW Factor is compensated in the result

Test Graphs

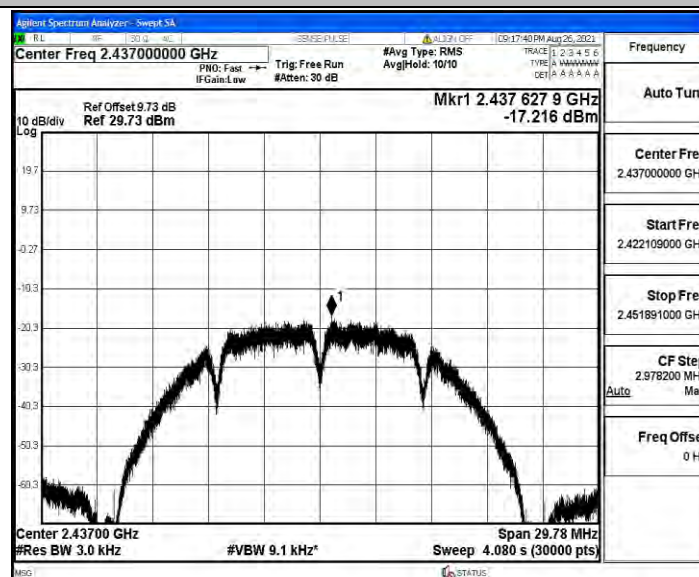
11B_Ant1_2412



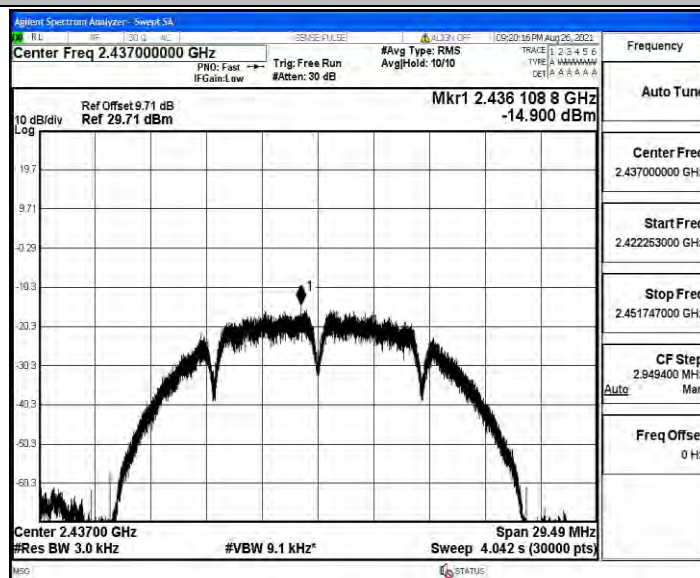
11B_Ant2_2412



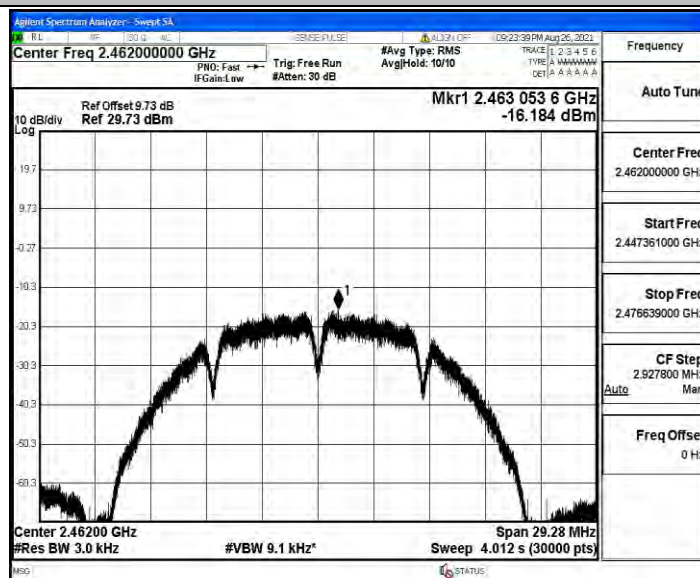
11B_Ant1_2437



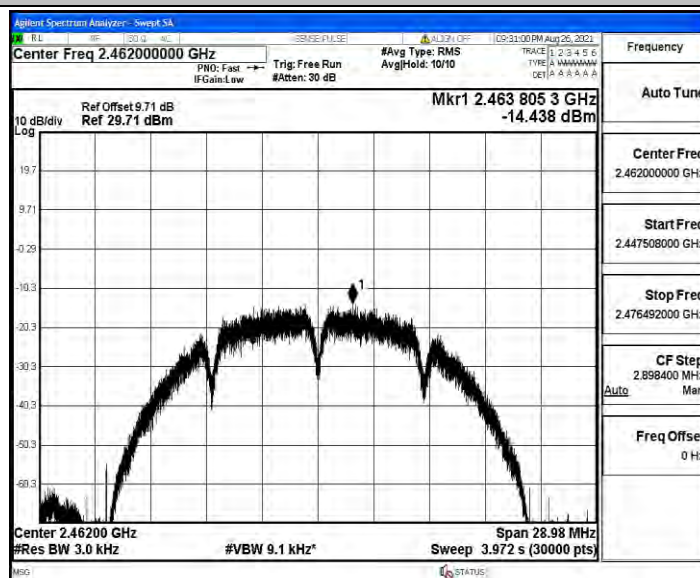
11B_Ant2_2437



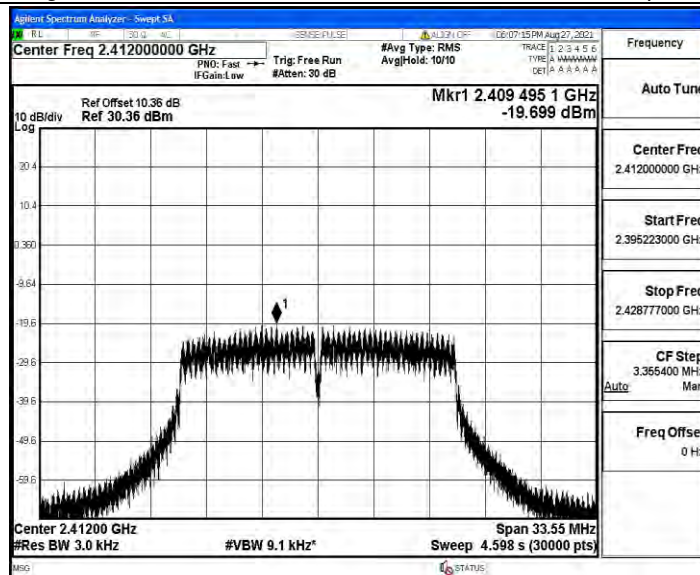
11B_Ant1_2462



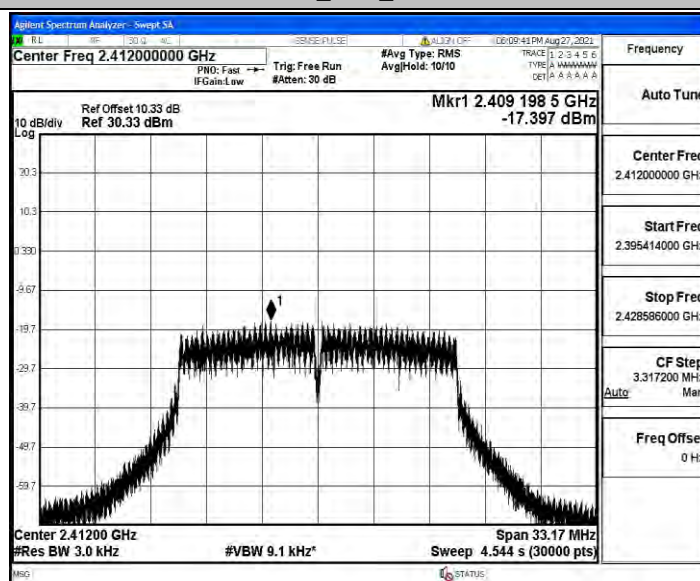
11B_Ant2_2462



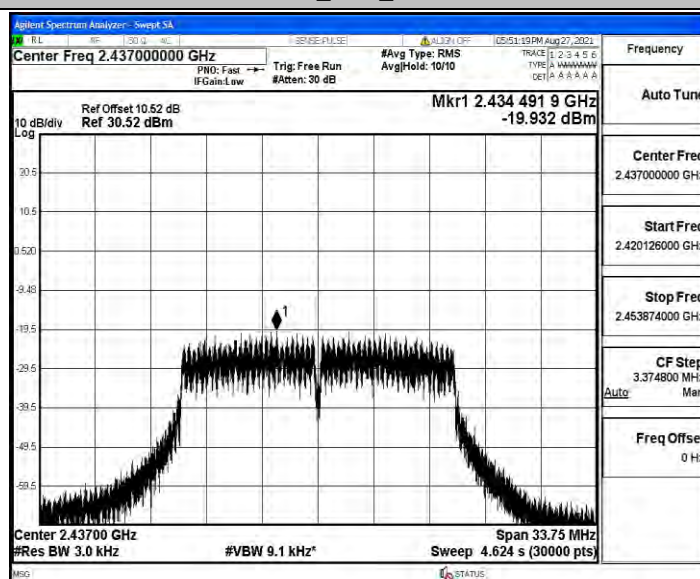
11G_Ant1_2412



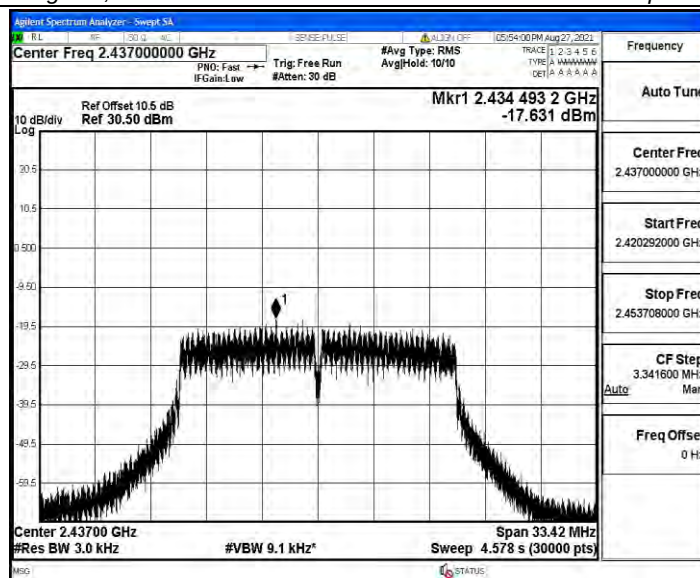
11G_Ant2_2412



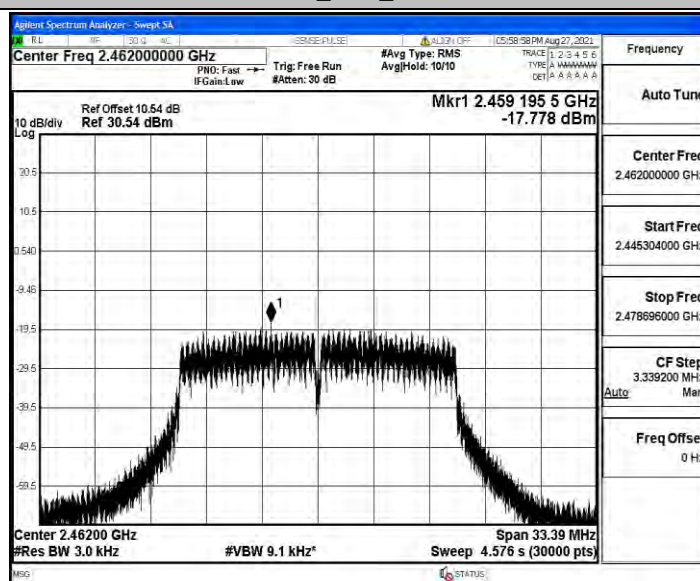
11G_Ant1_2437



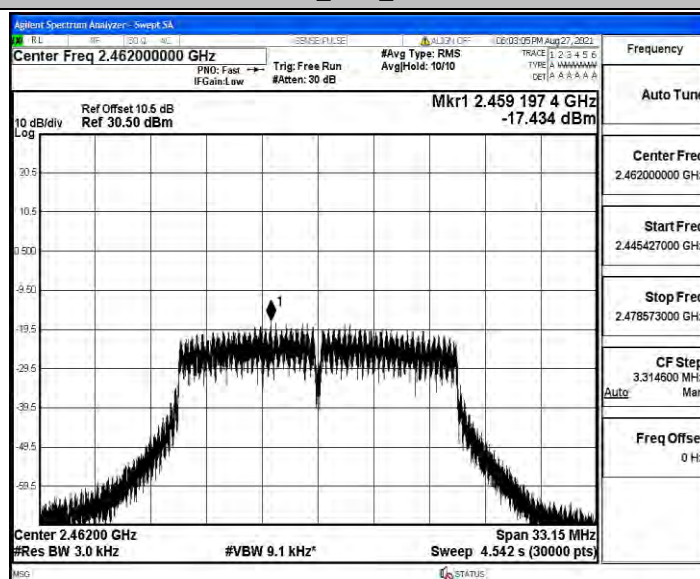
11G_Ant2_2437



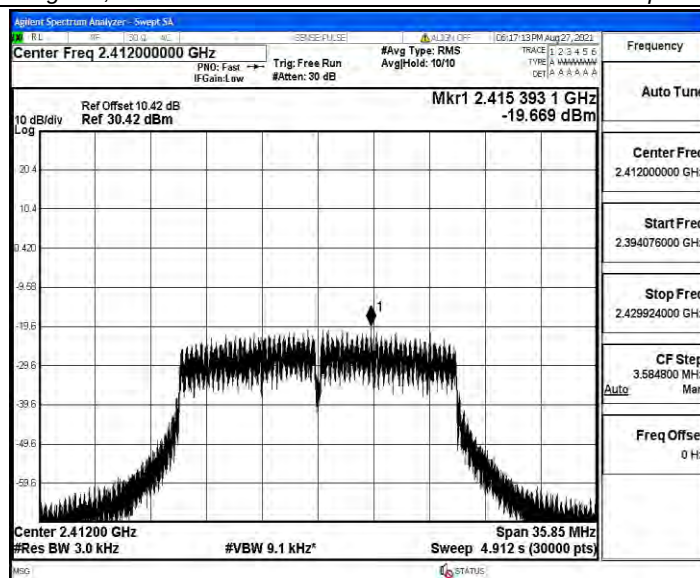
11G_Ant1_2462



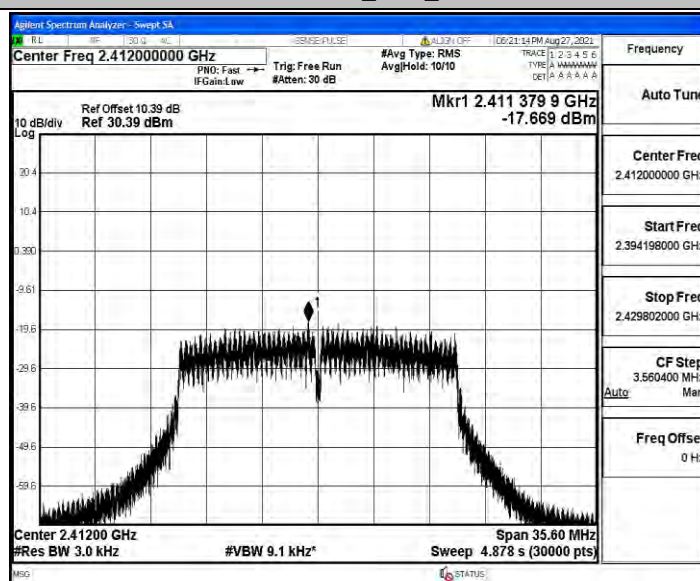
11G_Ant2_2462



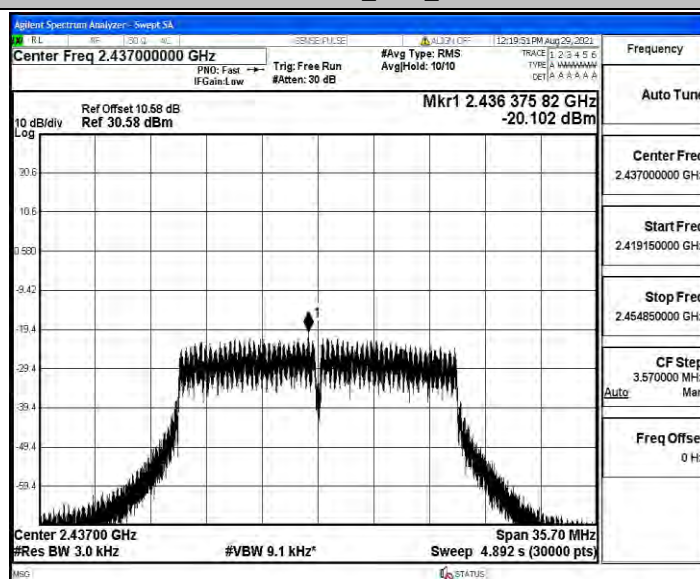
11N20MIMO_Ant1_2412



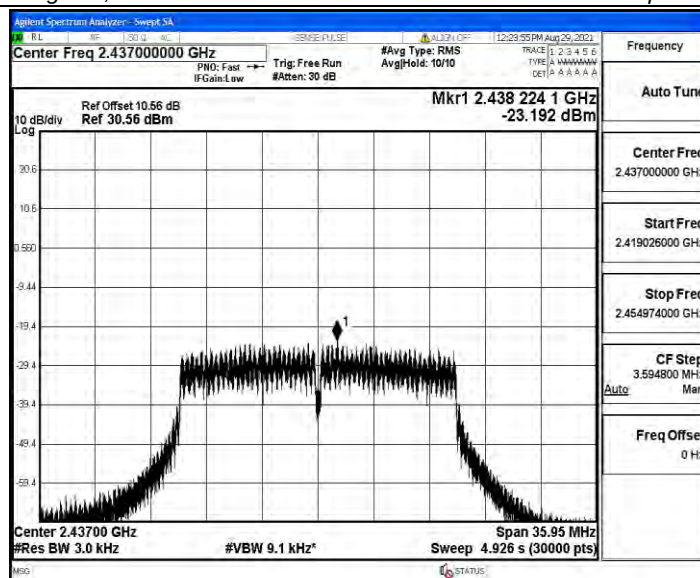
11N20MIMO_Ant2_2412



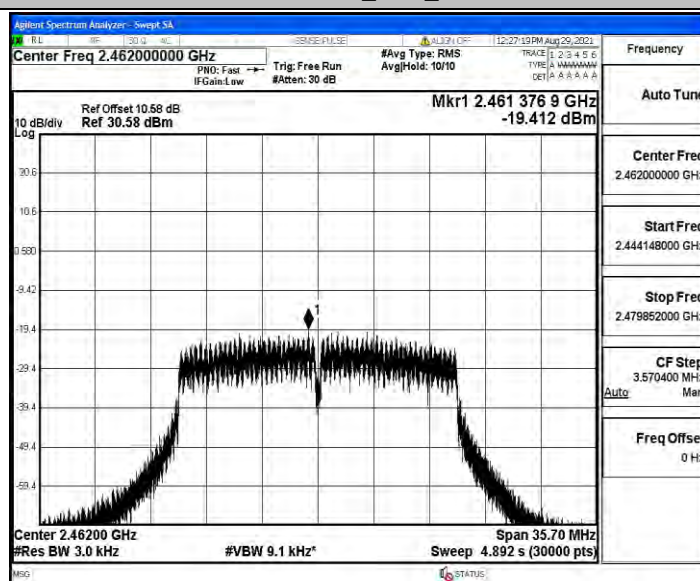
11N20MIMO_Ant1_2437



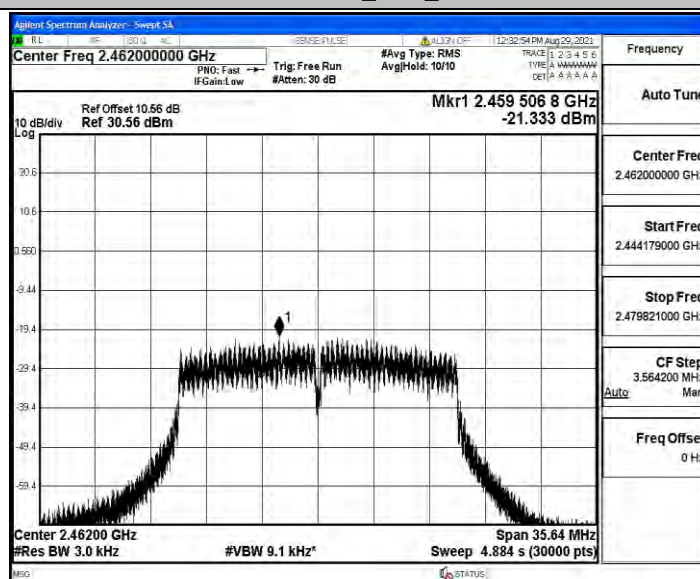
11N20MIMO_Ant2_2437



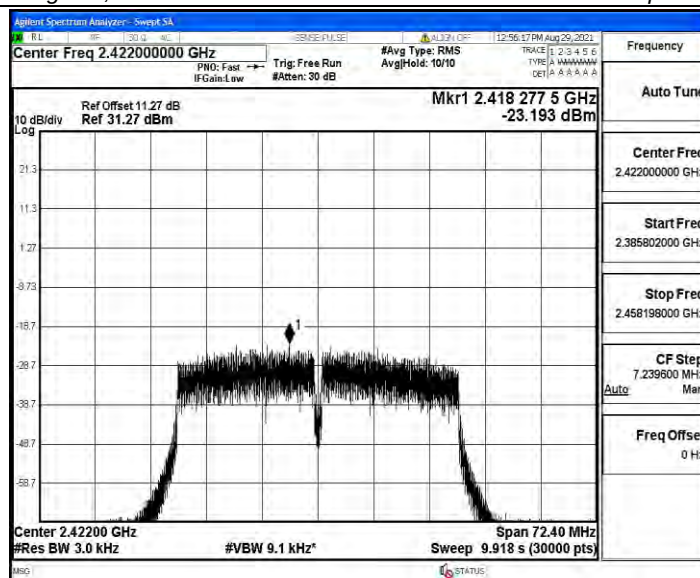
11N20MIMO_Ant1_2462



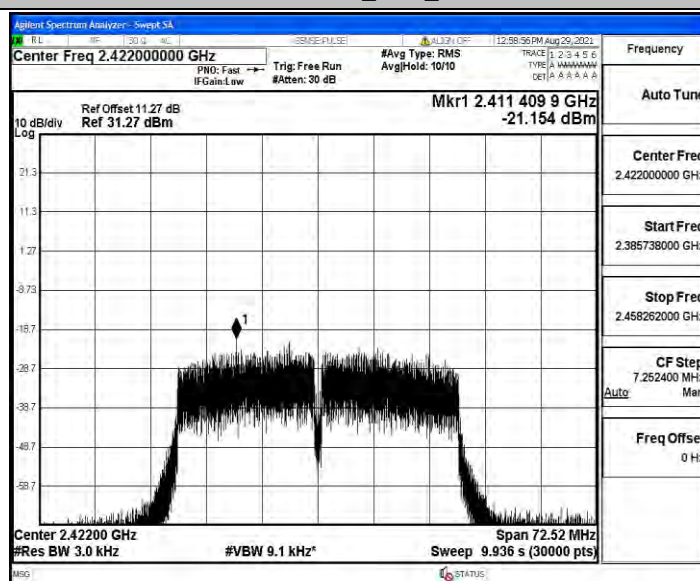
11N20MIMO_Ant2_2462



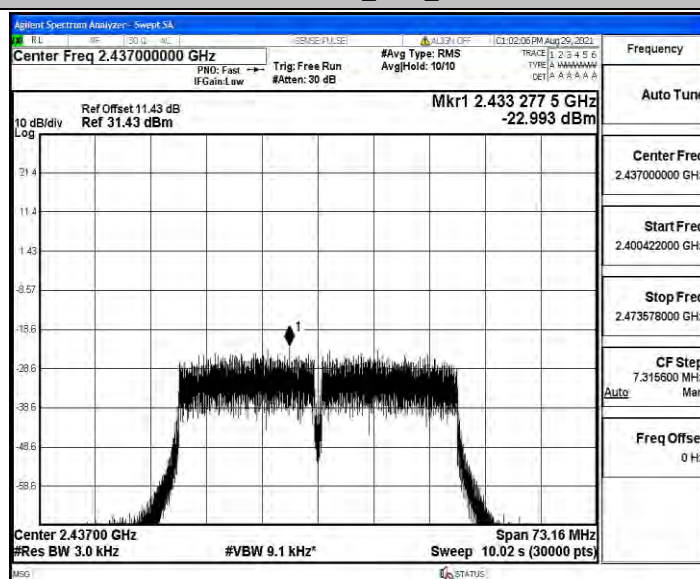
11N40MIMO_Ant1_2422



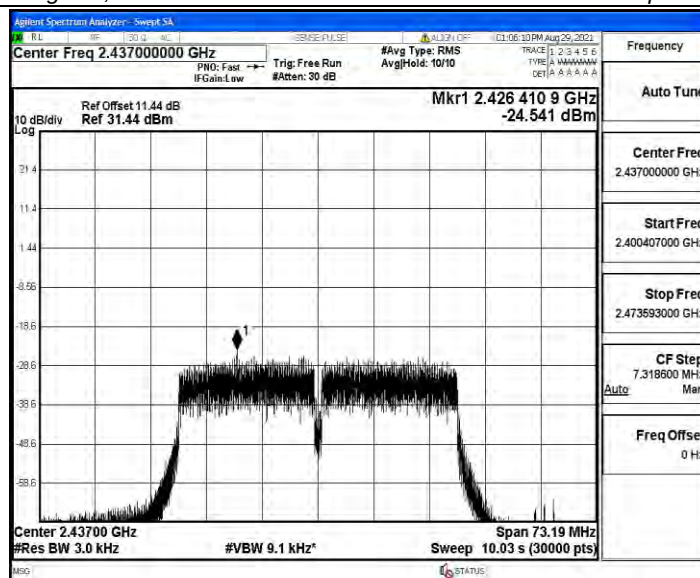
11N40MIMO_Ant2_2422



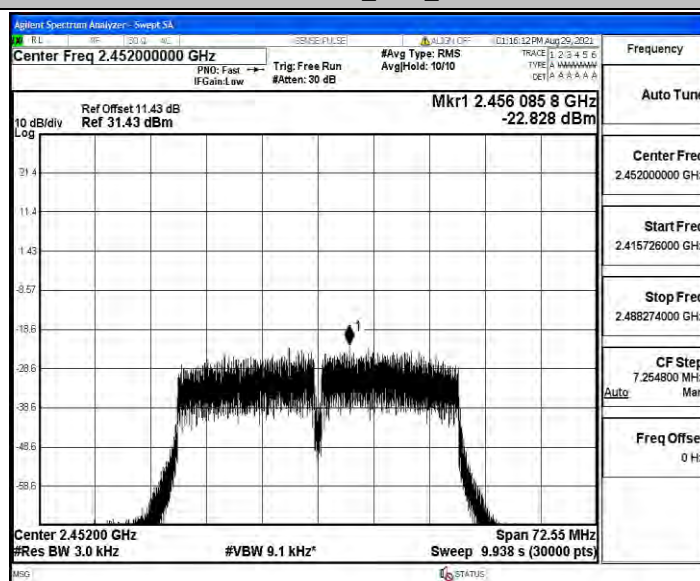
11N40MIMO_Ant1_2437



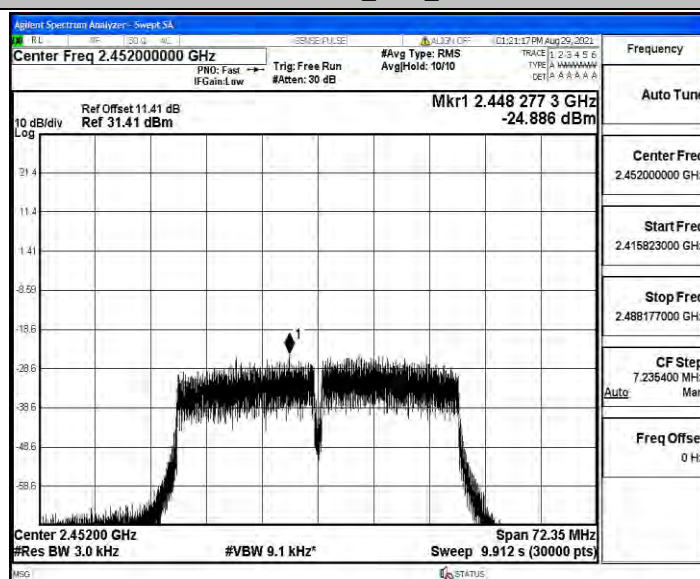
11N40MIMO_Ant2_2437



11N40MIMO_Ant1_2452



11N40MIMO_Ant2_2452



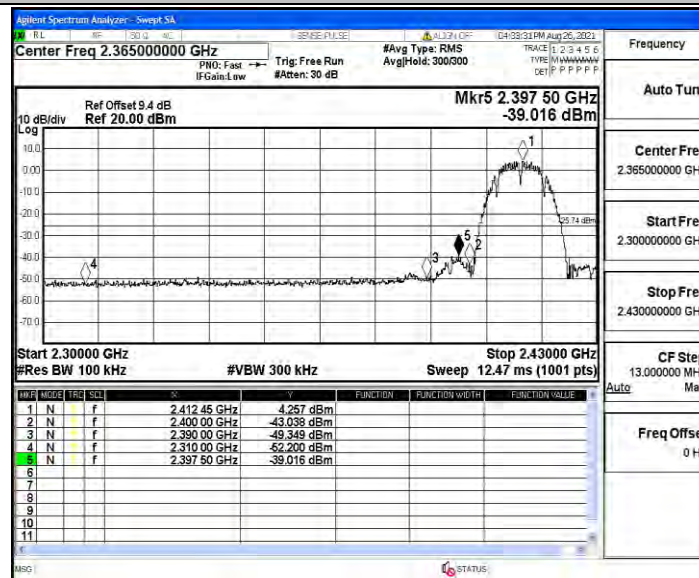
Appendix E: Band edge measurements

Test Result

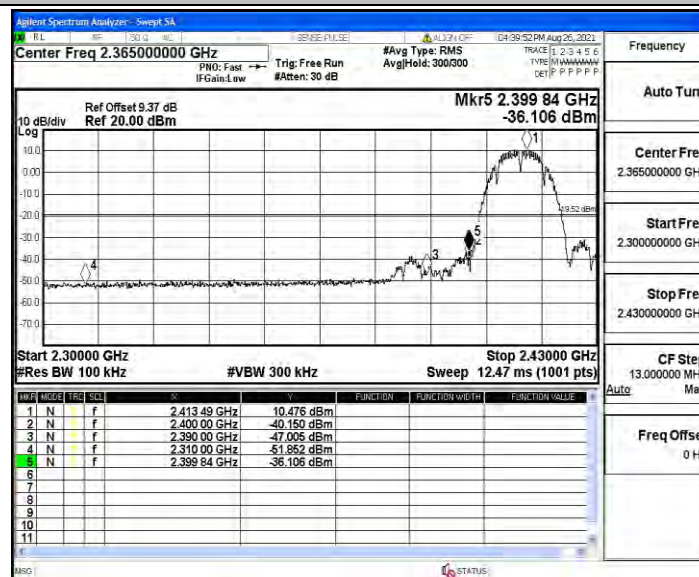
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.26	-39.02	≤-25.74	PASS
	Ant2	Low	2412	10.48	-36.11	≤-19.52	PASS
	Ant1	High	2462	4.88	-47.66	≤-25.12	PASS
	Ant2	High	2462	6.13	-48.89	≤-23.87	PASS
11G	Ant1	Low	2412	0.78	-36.6	≤-29.22	PASS
	Ant2	Low	2412	2.83	-35	≤-27.17	PASS
	Ant1	High	2462	-0.18	-44.68	≤-30.18	PASS
	Ant2	High	2462	1.84	-46.7	≤-28.16	PASS
11N20MIMO	Ant1	Low	2412	0.48	-32.37	≤-29.52	PASS
	Ant2	Low	2412	1.10	-34.78	≤-28.9	PASS
	Ant1	High	2462	-0.32	-48.88	≤-30.32	PASS
	Ant2	High	2462	-2.12	-48.7	≤-32.12	PASS
11N40MIMO	Ant1	Low	2422	-2.75	-40.91	≤-32.75	PASS
	Ant2	Low	2422	-4.47	-41.06	≤-34.47	PASS
	Ant1	High	2452	-5.05	-46.68	≤-35.05	PASS
	Ant2	High	2452	-5.65	-46.86	≤-35.65	PASS

Test Graphs

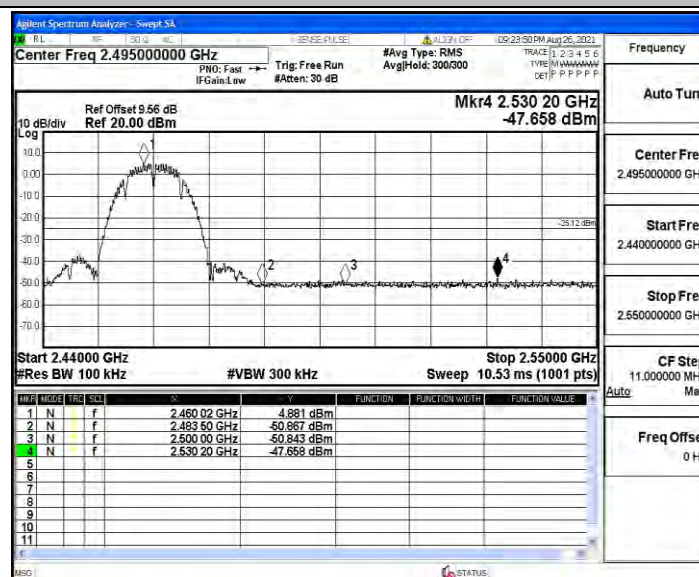
11B_Ant1_Low_2412



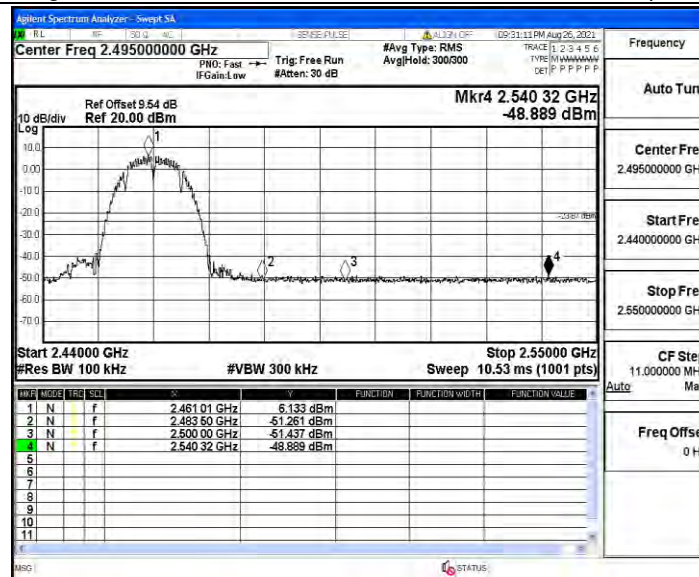
11B_Ant2_Low_2412



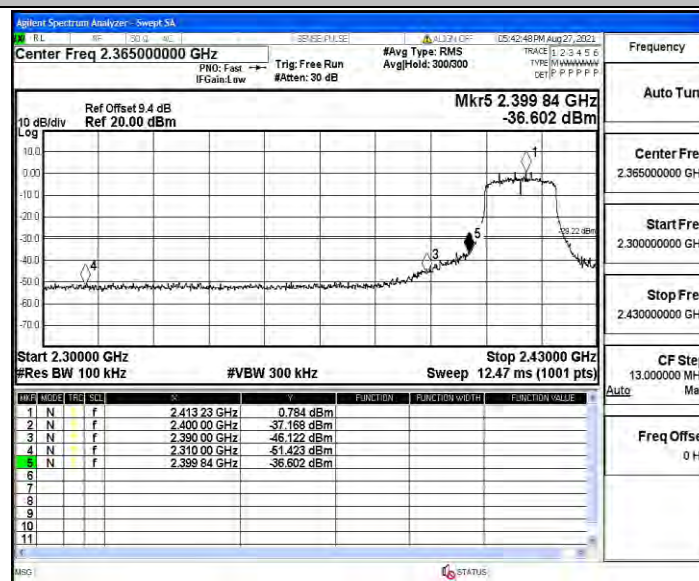
11B_Ant1_High_2462



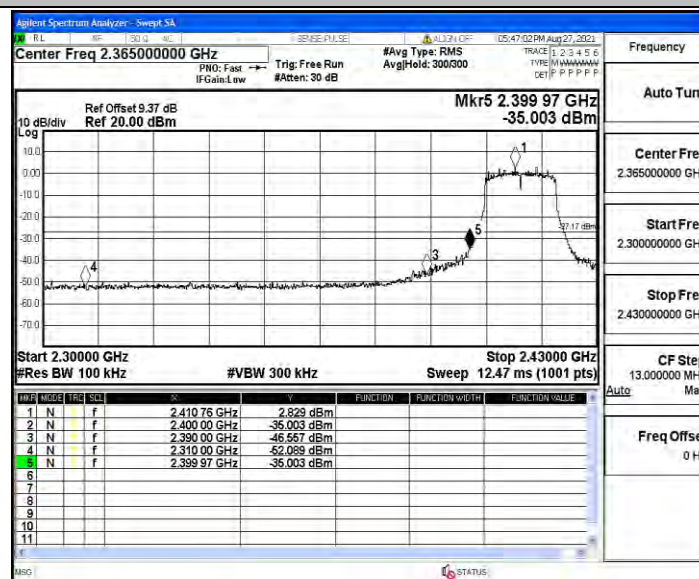
11B_Ant2_High_2462



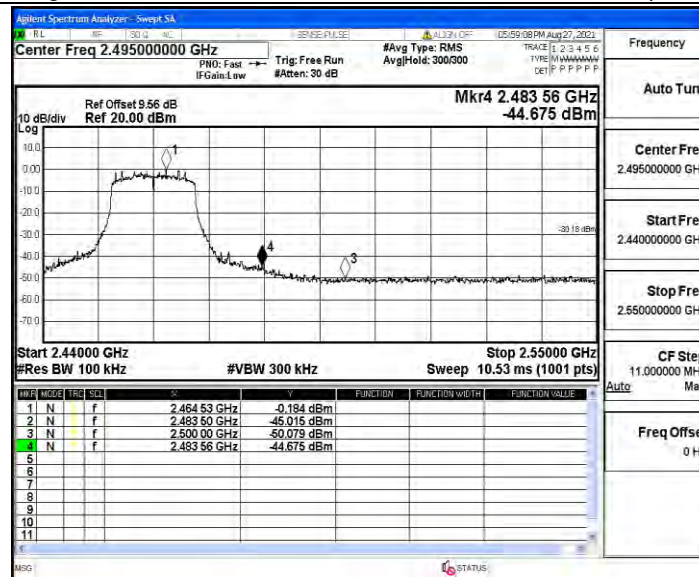
11G_Ant1_Low_2412



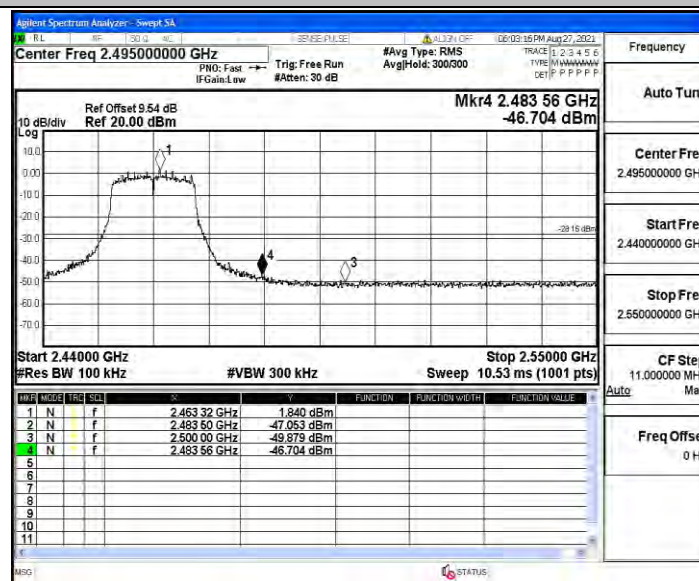
11G_Ant2_Low_2412



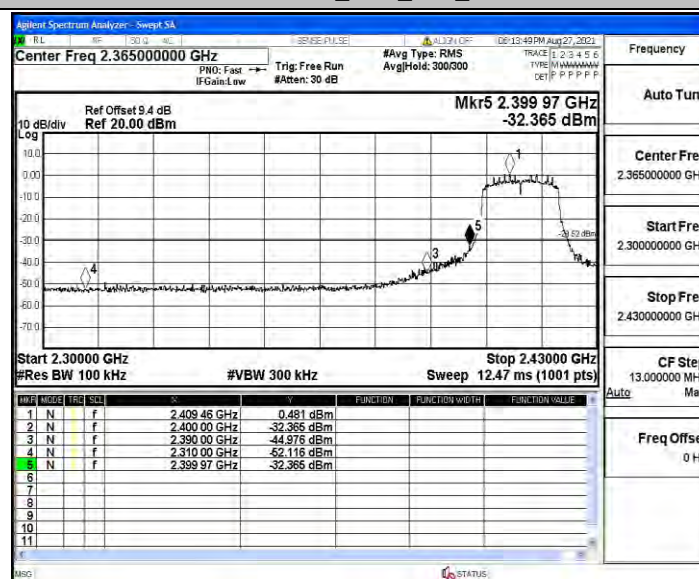
11G_Ant1_High_2462



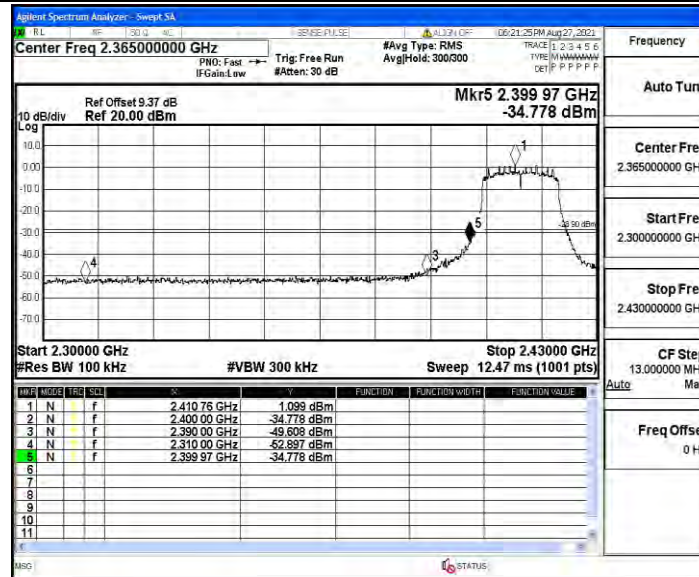
11G_Ant2_High_2462



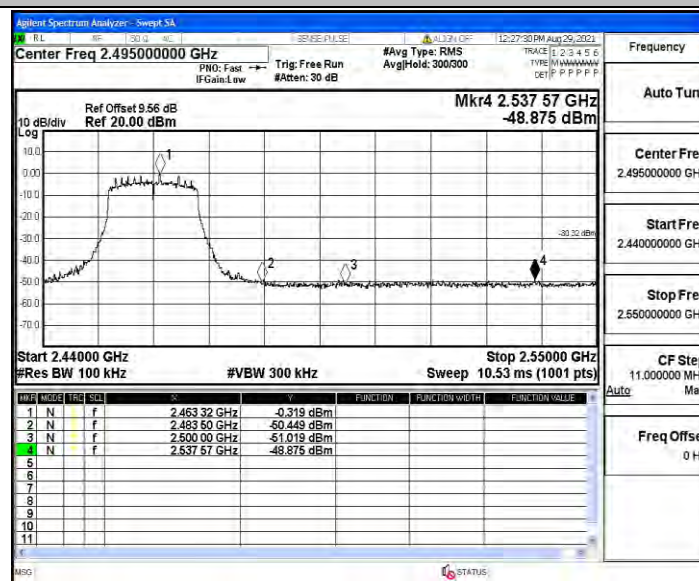
11N20MIMO_Ant1_Low_2412



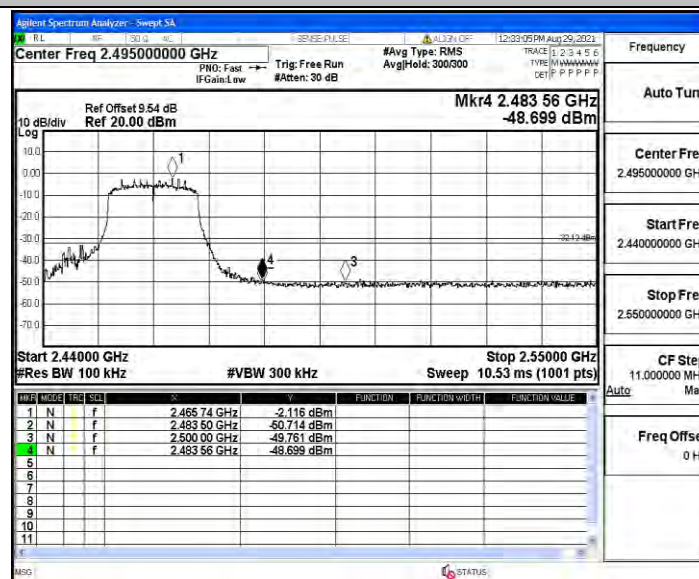
11N20MIMO_Ant2_Low_2412



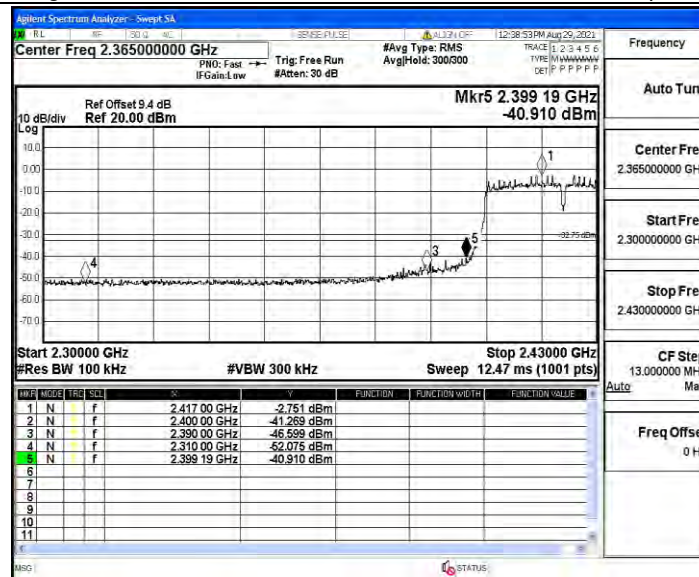
11N20MIMO_Ant1_High_2462



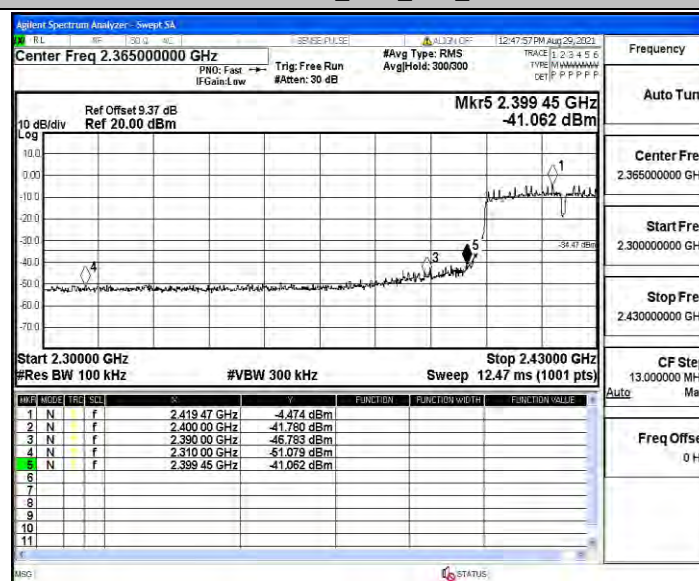
11N20MIMO_Ant2_High_2462



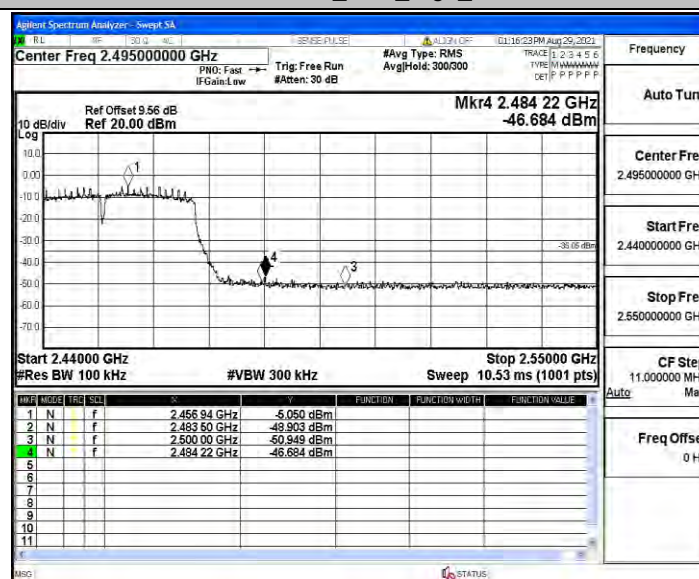
11N40MIMO_Ant1_Low_2422



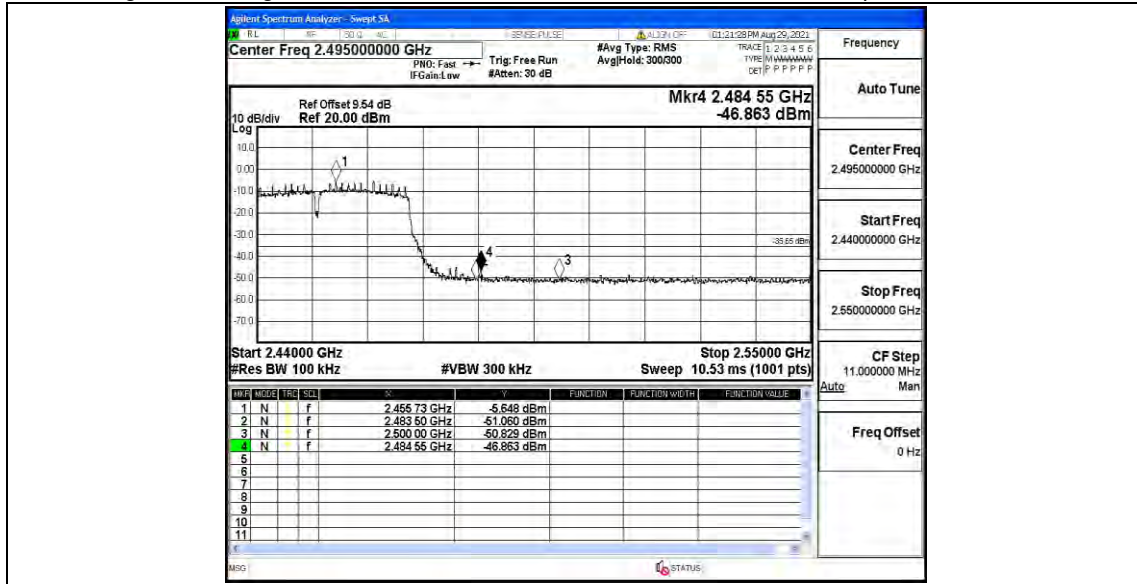
11N40MIMO_Ant2_Low_2422



11N40MIMO_Ant1_High_2452



11N40MIMO_Ant2_High_2452



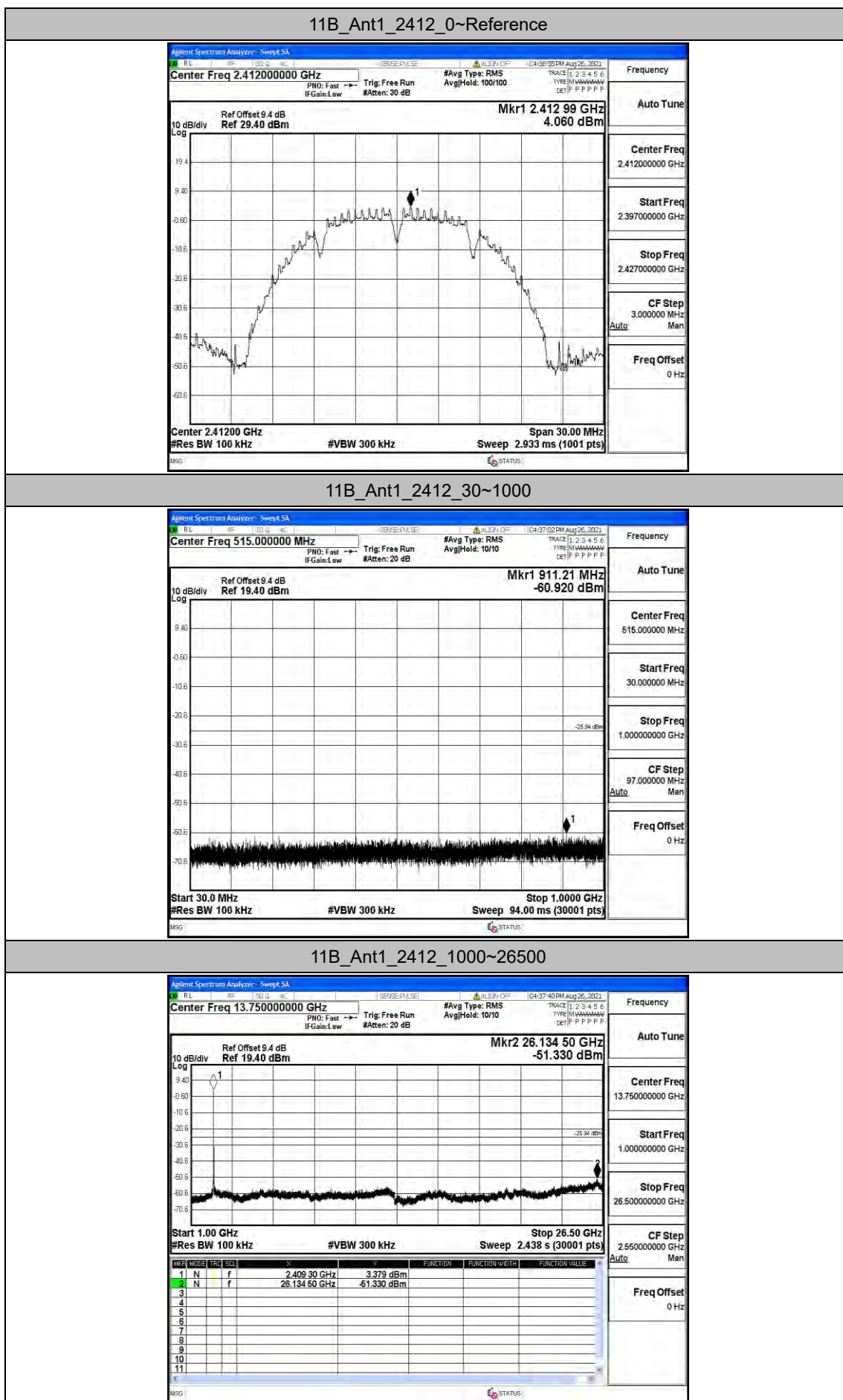
Appendix F: Conducted Spurious Emission

Test Result

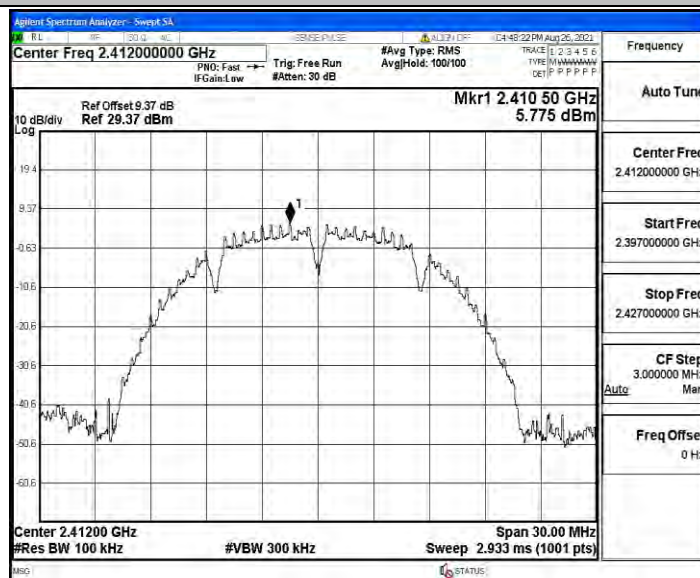
TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	4.06	4.06	---	PASS
			30~1000	4.06	-60.92	≤-25.94	PASS
			1000~26500	4.06	-51.33	≤-25.94	PASS
	Ant2	2412	Reference	5.78	5.78	---	PASS
			30~1000	5.78	-60.98	≤-24.23	PASS
			1000~26500	5.78	-51.36	≤-24.23	PASS
	Ant1	2437	Reference	3.34	3.34	---	PASS
			30~1000	3.34	-60.96	≤-26.67	PASS
			1000~26500	3.34	-51.29	≤-26.67	PASS
	Ant2	2437	Reference	4.60	4.60	---	PASS
			30~1000	4.60	-59.99	≤-25.4	PASS
			1000~26500	4.60	-48.88	≤-25.4	PASS
	Ant1	2462	Reference	4.92	4.92	---	PASS
			30~1000	4.92	-60.86	≤-25.08	PASS
			1000~26500	4.92	-51.67	≤-25.08	PASS
	Ant2	2462	Reference	5.94	5.94	---	PASS
			30~1000	5.94	-60.01	≤-24.06	PASS
			1000~26500	5.94	-51.24	≤-24.06	PASS
11G	Ant1	2412	Reference	0.14	0.14	---	PASS
			30~1000	0.14	-61.07	≤-29.86	PASS
			1000~26500	0.14	-50.96	≤-29.86	PASS
	Ant2	2412	Reference	2.36	2.36	---	PASS
			30~1000	2.36	-60.18	≤-27.64	PASS
			1000~26500	2.36	-53	≤-27.64	PASS
	Ant1	2437	Reference	-1.55	-1.55	---	PASS
			30~1000	-1.55	-60.71	≤-31.55	PASS
			1000~26500	-1.55	-50.74	≤-31.55	PASS
	Ant2	2437	Reference	0.26	0.26	---	PASS
			30~1000	0.26	-60.66	≤-29.75	PASS
			1000~26500	0.26	-52.15	≤-29.75	PASS
	Ant1	2462	Reference	-0.18	-0.18	---	PASS
			30~1000	-0.18	-61.23	≤-30.18	PASS
			1000~26500	-0.18	-52.68	≤-30.18	PASS
	Ant2	2462	Reference	1.01	1.01	---	PASS
			30~1000	1.01	-60.63	≤-28.99	PASS
			1000~26500	1.01	-50.95	≤-28.99	PASS
11N20MIMO	Ant1	2412	Reference	-2.20	-2.20	---	PASS
			30~1000	-2.20	-60.55	≤-32.2	PASS
			1000~26500	-2.20	-52.29	≤-32.2	PASS
	Ant2	2412	Reference	0.69	0.69	---	PASS

	Ant1	2437	30~1000	0.69	-61.24	≤ -29.31	PASS
			1000~26500	0.69	-52.4	≤ -29.31	PASS
			Reference	-1.71	-1.71	---	PASS
			30~1000	-1.71	-61.26	≤ -31.71	PASS
			1000~26500	-1.71	-52.39	≤ -31.71	PASS
			Reference	-3.75	-3.75	---	PASS
	Ant2	2437	30~1000	-3.75	-59.3	≤ -33.75	PASS
			1000~26500	-3.75	-52.51	≤ -33.75	PASS
			Reference	-0.78	-0.78	---	PASS
	Ant1	2462	30~1000	-0.78	-61.57	≤ -30.78	PASS
			1000~26500	-0.78	-52.28	≤ -30.78	PASS
			Reference	-1.98	-1.98	---	PASS
11N40MIMO	Ant2	2462	30~1000	-1.98	-59.5	≤ -31.98	PASS
			1000~26500	-1.98	-51.44	≤ -31.98	PASS
			Reference	-2.84	-2.84	---	PASS
	Ant1	2422	30~1000	-2.84	-61.04	≤ -32.84	PASS
			1000~26500	-2.84	-52.49	≤ -32.84	PASS
			Reference	-5.62	-5.62	---	PASS
	Ant2	2422	30~1000	-5.62	-61.1	≤ -35.62	PASS
			1000~26500	-5.62	-52.48	≤ -35.62	PASS
			Reference	-5.53	-5.53	---	PASS
	Ant1	2437	30~1000	-5.53	-60.99	≤ -35.53	PASS
			1000~26500	-5.53	-51.79	≤ -35.53	PASS
			Reference	-7.00	-7.00	---	PASS
	Ant2	2437	30~1000	-7.00	-60.2	≤ -37	PASS
			1000~26500	-7.00	-49.61	≤ -37	PASS
			Reference	-4.84	-4.84	---	PASS
	Ant1	2452	30~1000	-4.84	-60.65	≤ -34.84	PASS
			1000~26500	-4.84	-52.38	≤ -34.84	PASS
			Reference	-5.63	-5.63	---	PASS
	Ant2	2452	30~1000	-5.63	-61.04	≤ -35.63	PASS
			1000~26500	-5.63	-45.8	≤ -35.63	PASS
			Reference	-5.63	-5.63	---	PASS

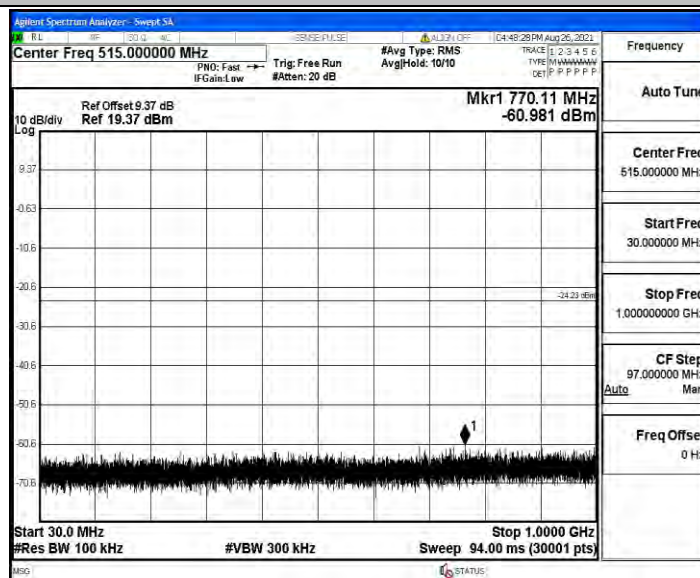
Test Graphs



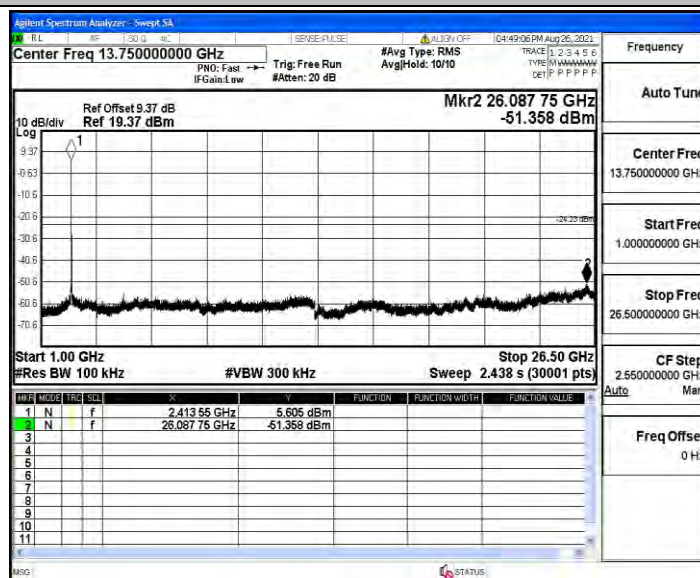
11B_Ant2_2412_0~Reference



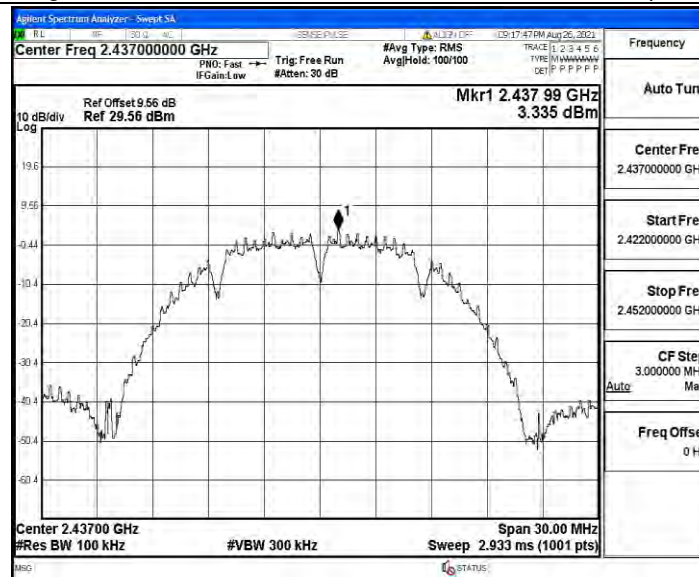
11B_Ant2_2412_30~1000



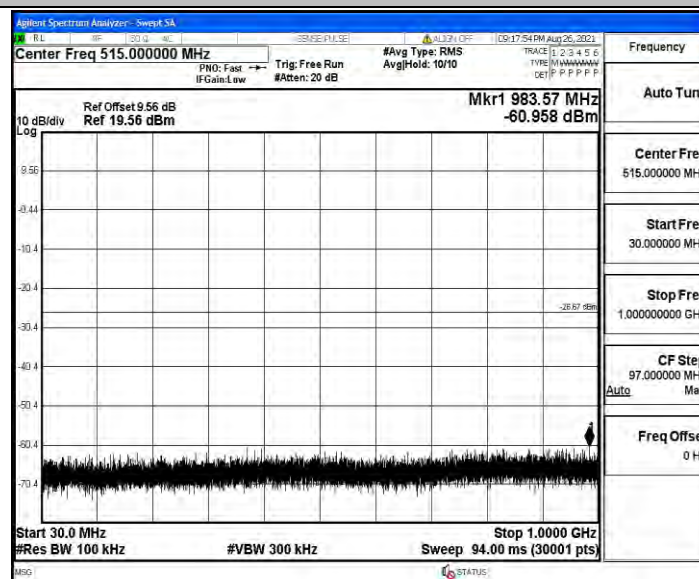
11B_Ant2_2412_1000~26500



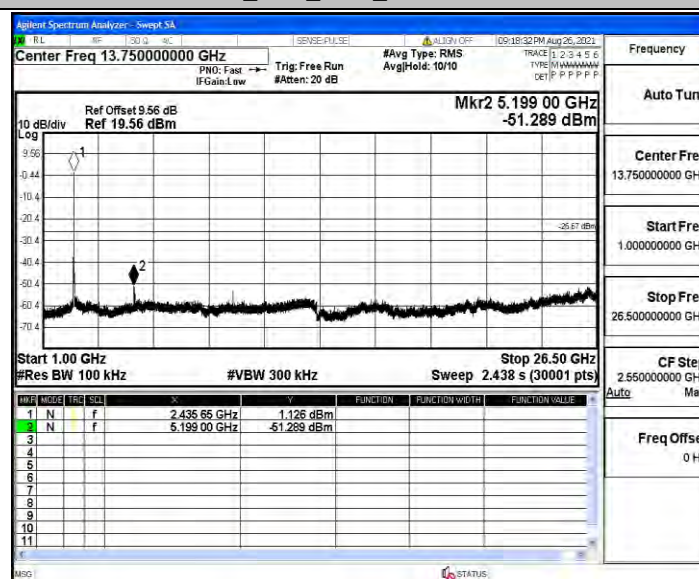
11B_Ant1_2437_0~Reference



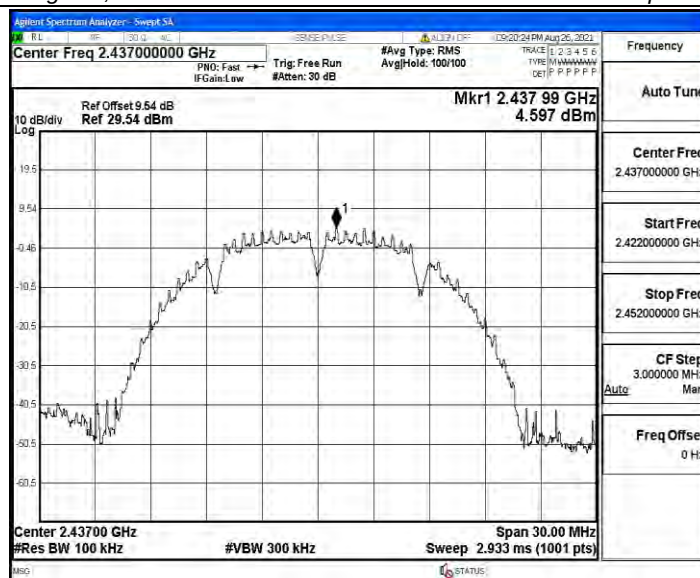
11B_Ant1_2437_30~1000



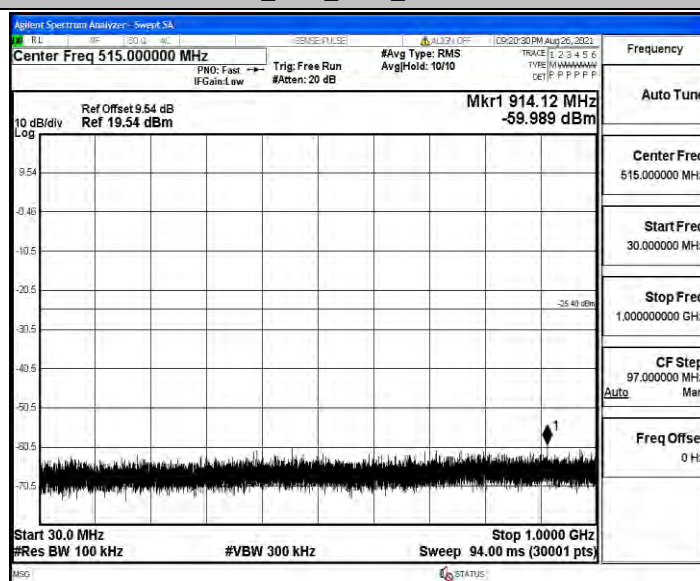
11B_Ant1_2437_1000~26500



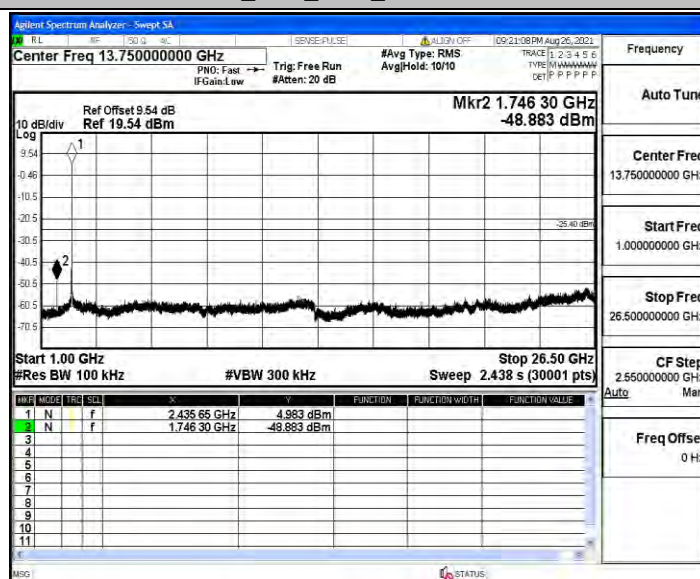
11B_Ant2_2437_0~Reference



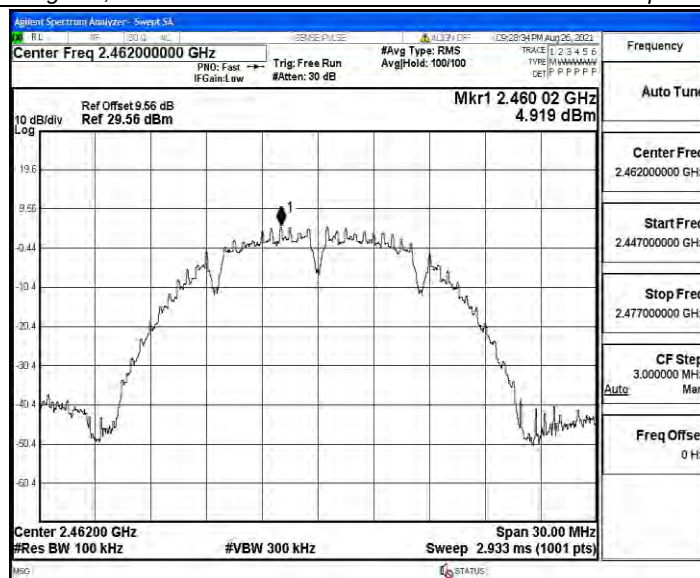
11B_Ant2_2437_30~1000



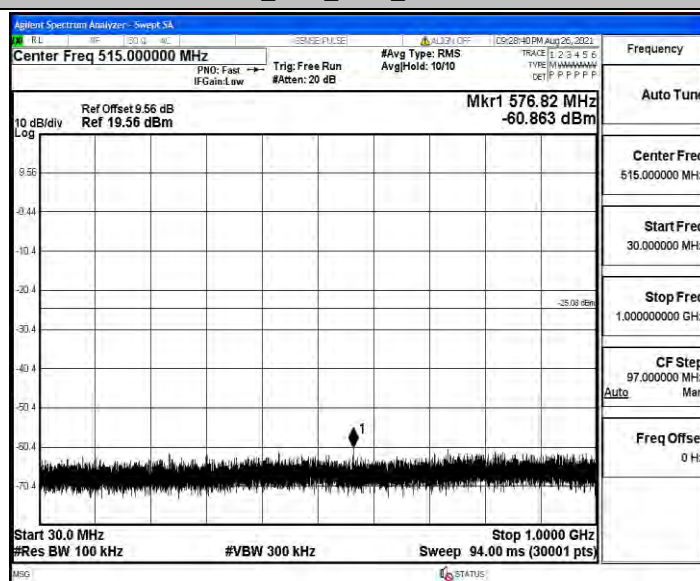
11B_Ant2_2437_1000~26500



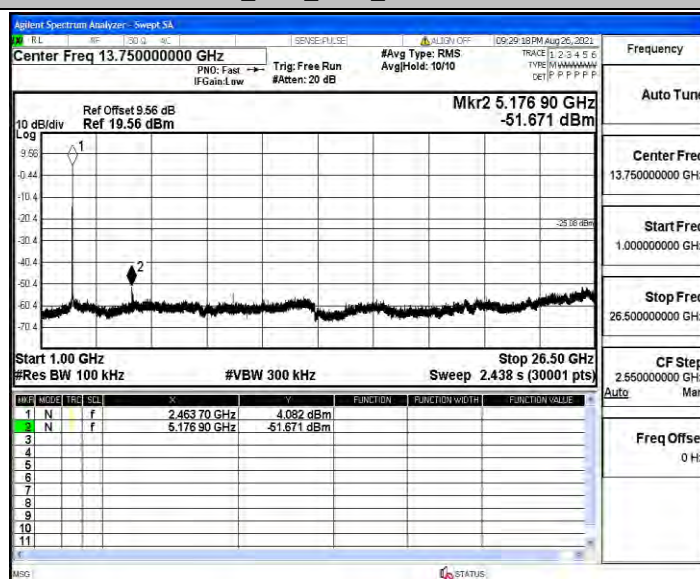
11B_Ant1_2462_0~Reference



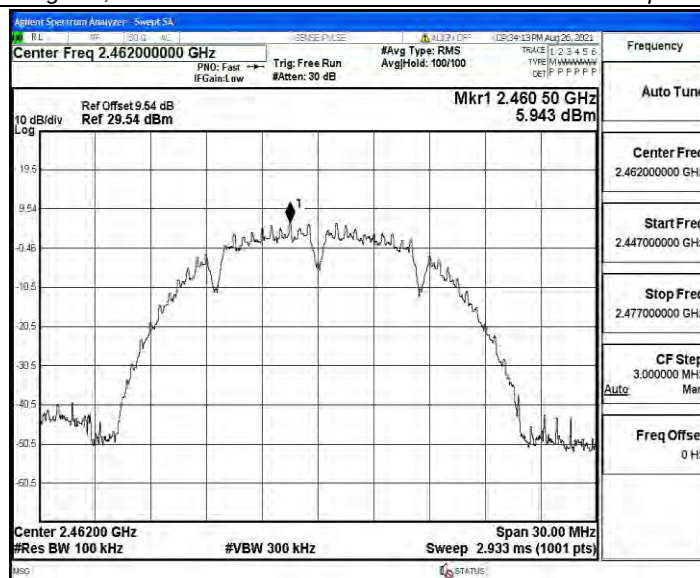
11B_Ant1_2462_30~1000



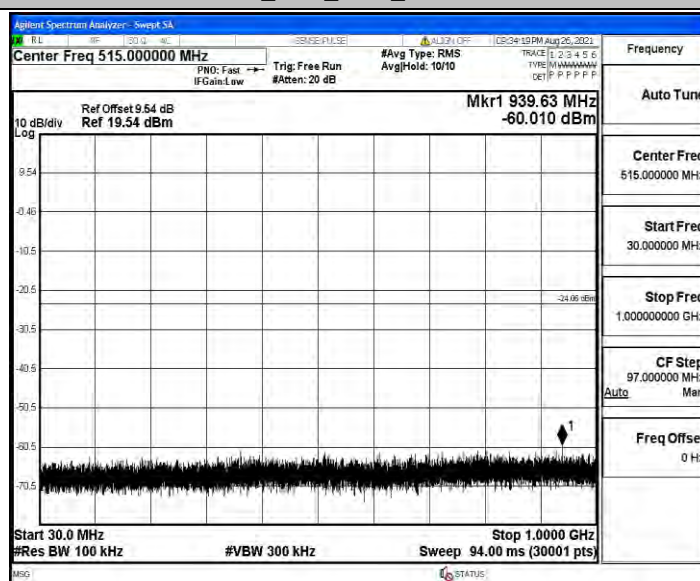
11B_Ant1_2462_1000~26500



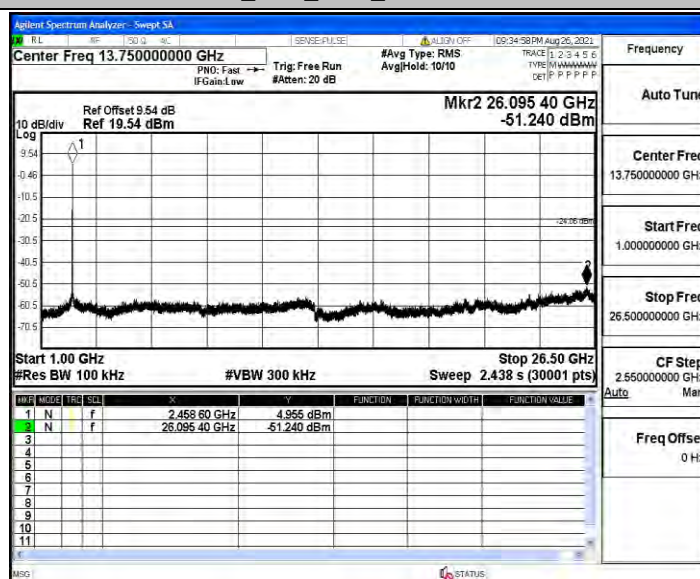
11B_Ant2_2462_0~Reference



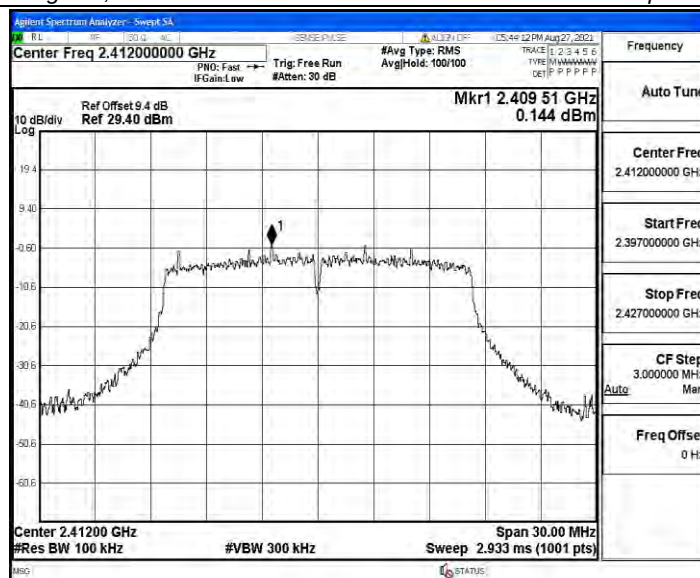
11B_Ant2_2462_30~1000



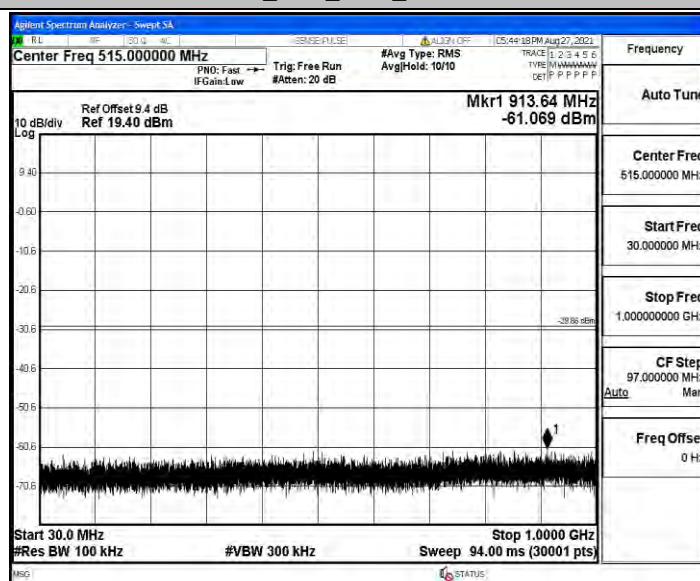
11B_Ant2_2462_1000~26500



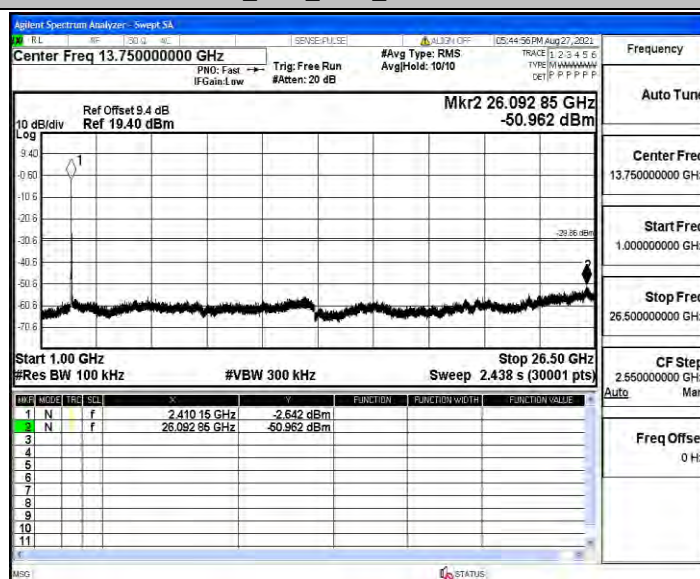
11G_Ant1_2412_0~Reference



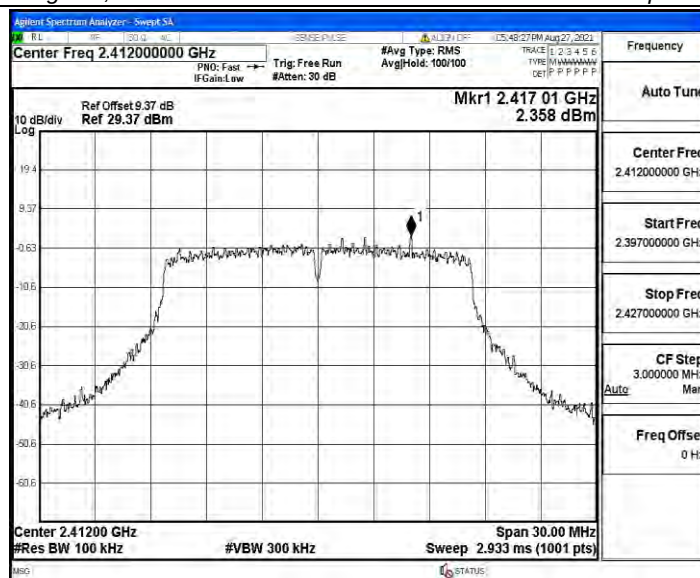
11G_Ant1_2412_30~1000



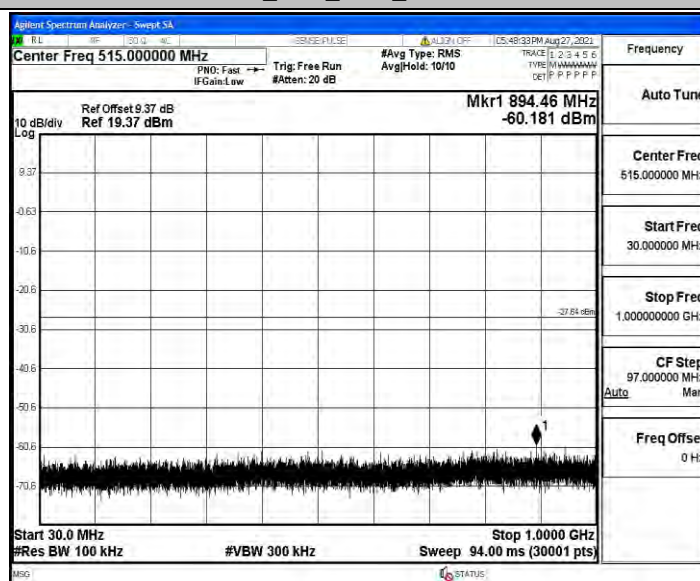
11G_Ant1_2412_1000~26500



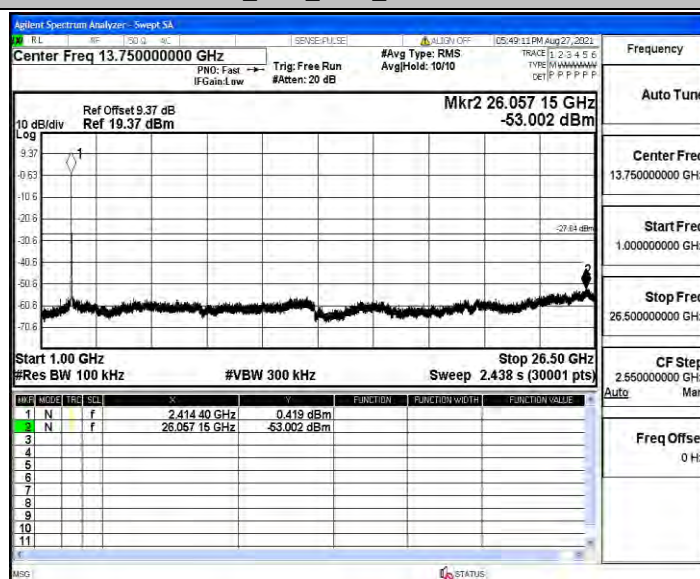
11G_Ant2_2412_0~Reference



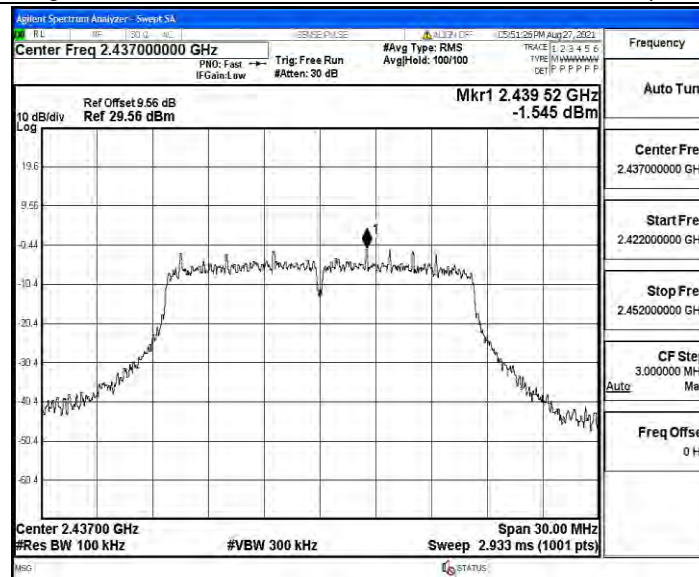
11G_Ant2_2412_30~1000



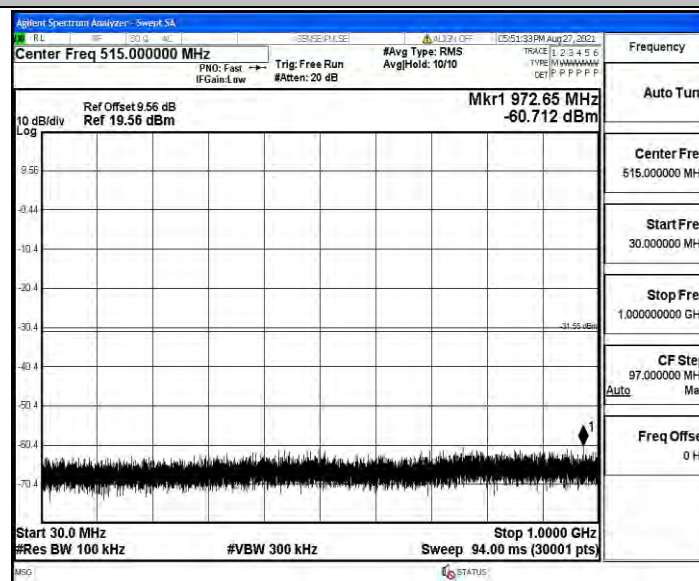
11G_Ant2_2412_1000~26500



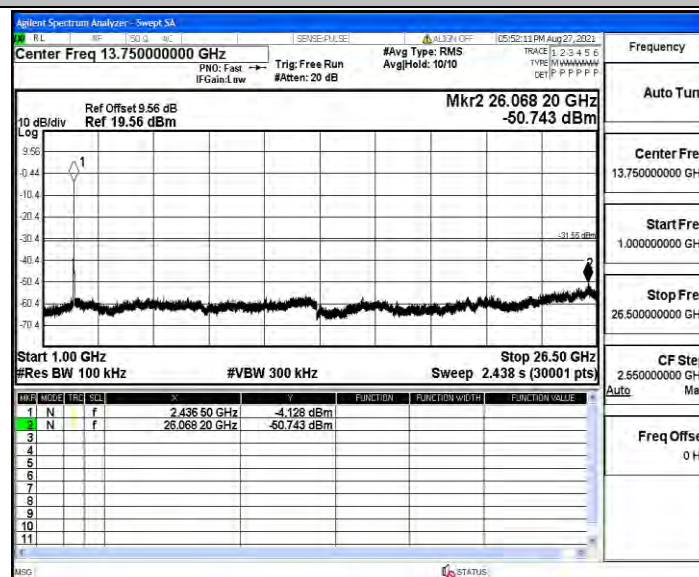
11G_Ant1_2437_0~Reference



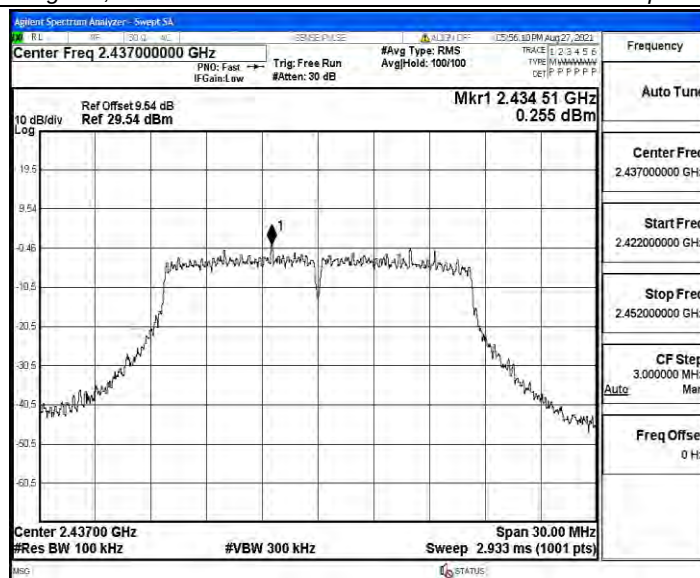
11G_Ant1_2437_30~1000



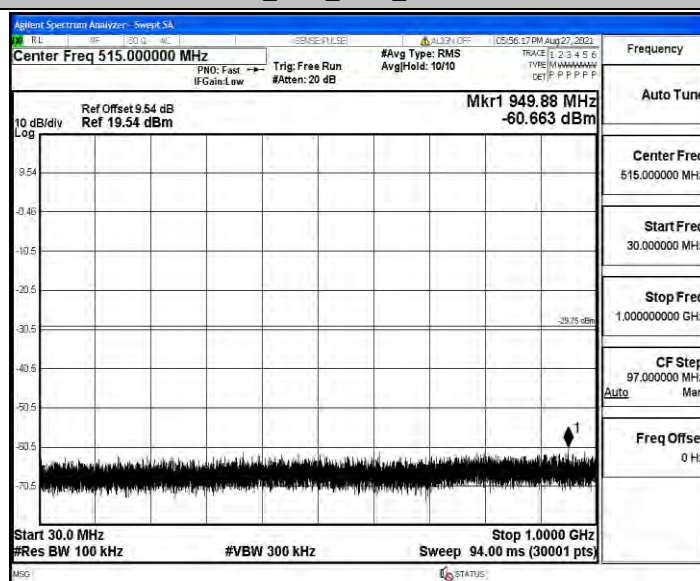
11G_Ant1_2437_1000~26500



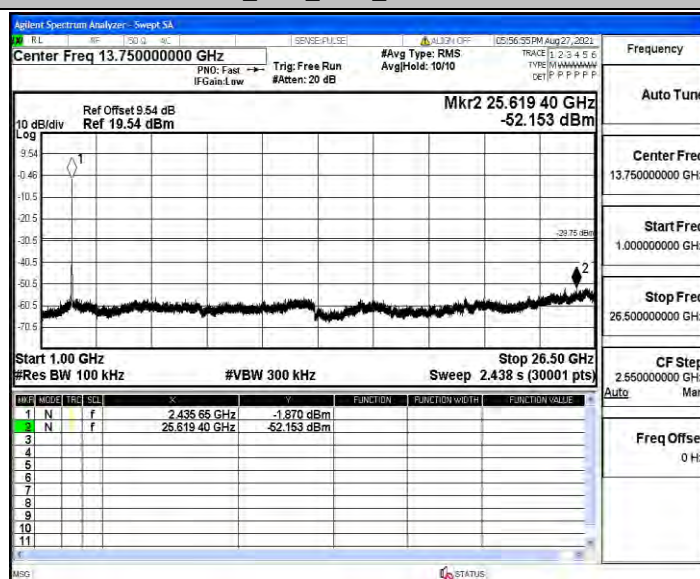
11G_Ant2_2437_0~Reference



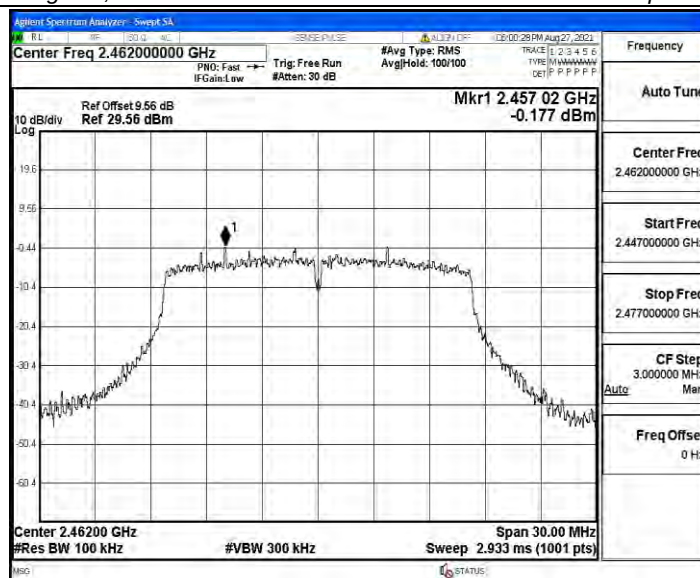
11G_Ant2_2437_30~1000



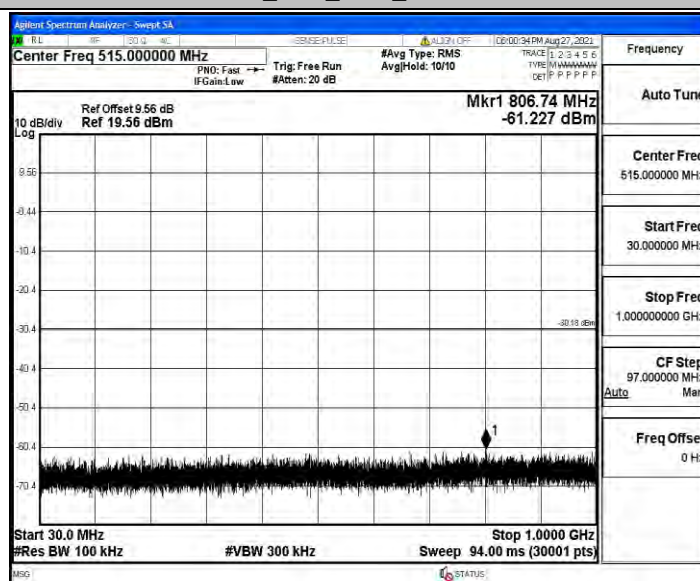
11G_Ant2_2437_1000~26500



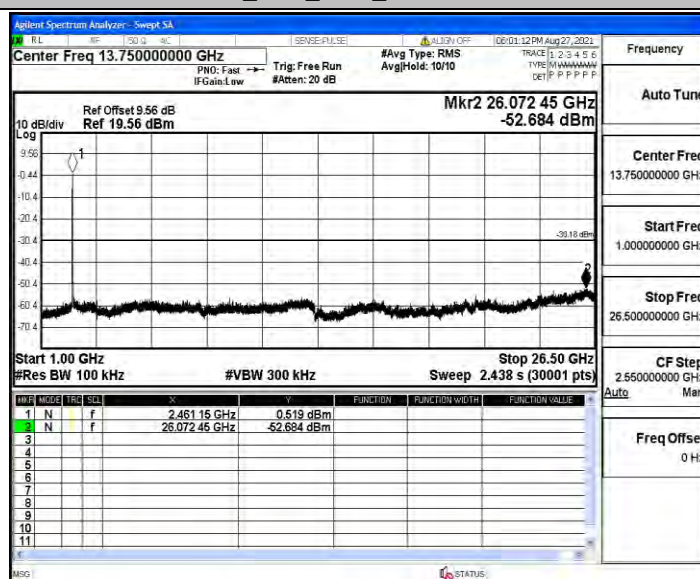
11G_Ant1_2462_0~Reference



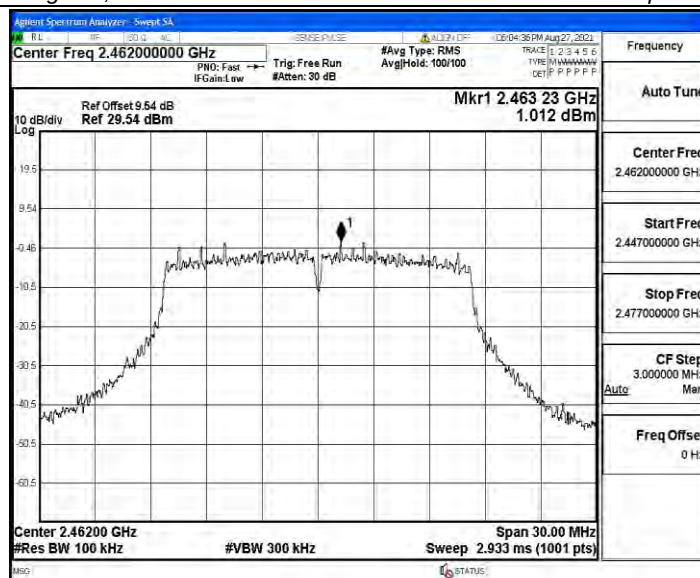
11G_Ant1_2462_30~1000



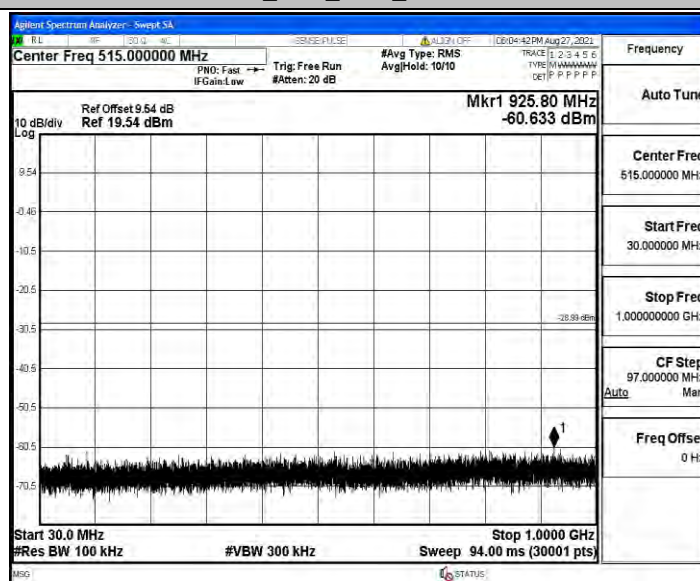
11G_Ant1_2462_1000~26500



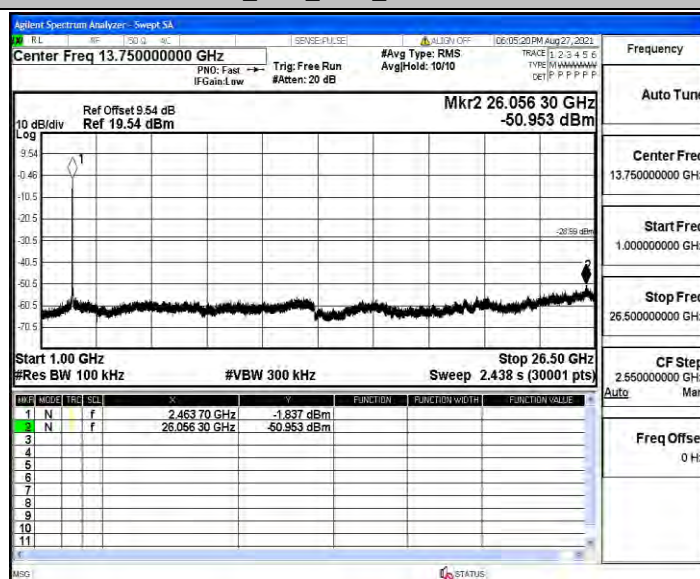
11G_Ant2_2462_0~Reference



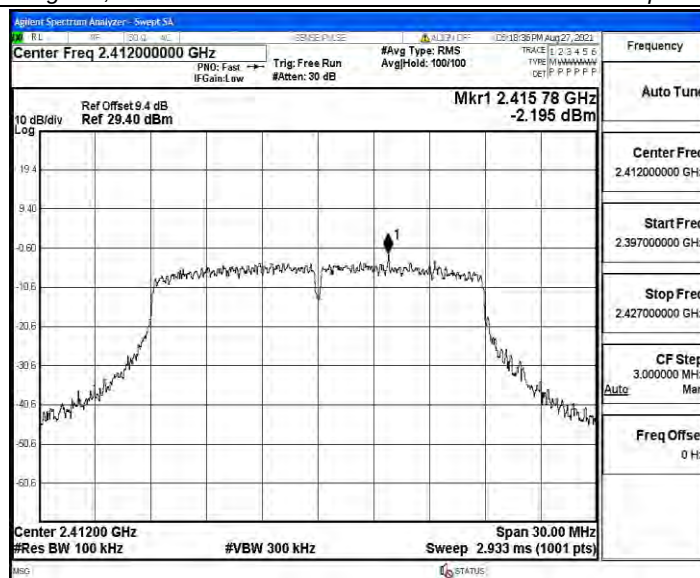
11G_Ant2_2462_30~1000



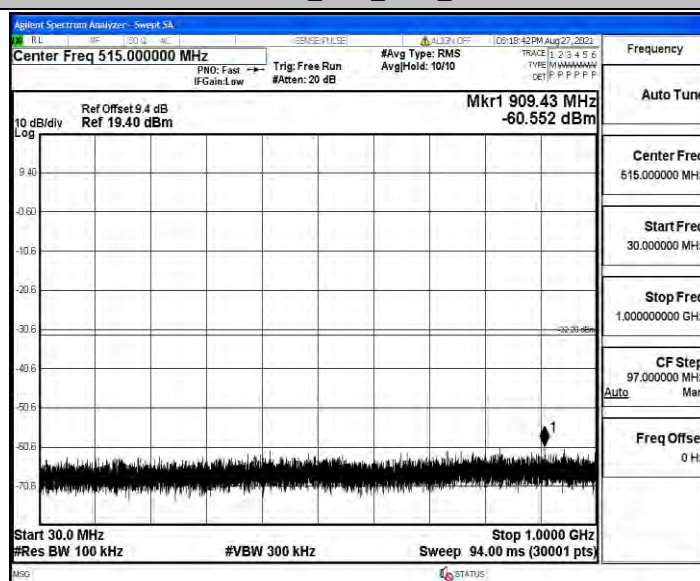
11G_Ant2_2462_1000~26500



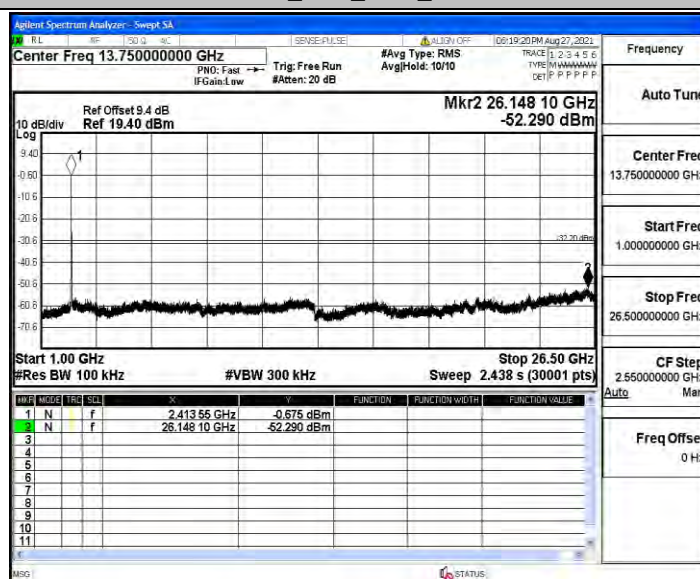
11N20MIMO_Ant1_2412_0~Reference



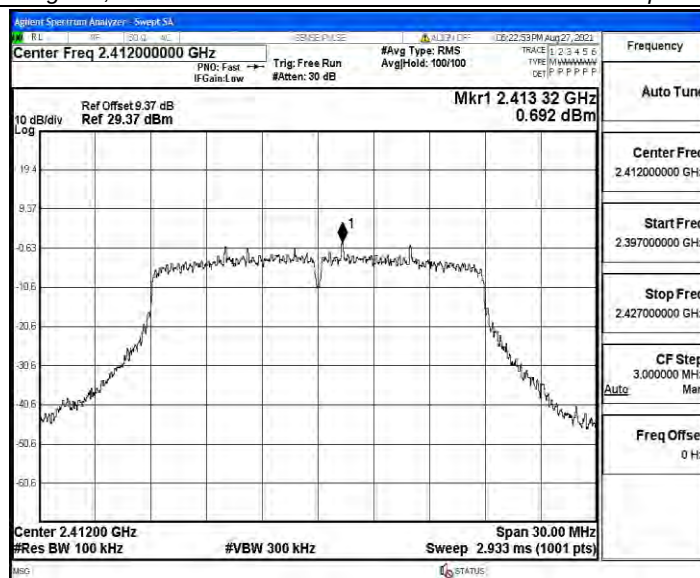
11N20MIMO_Ant1_2412_30~1000



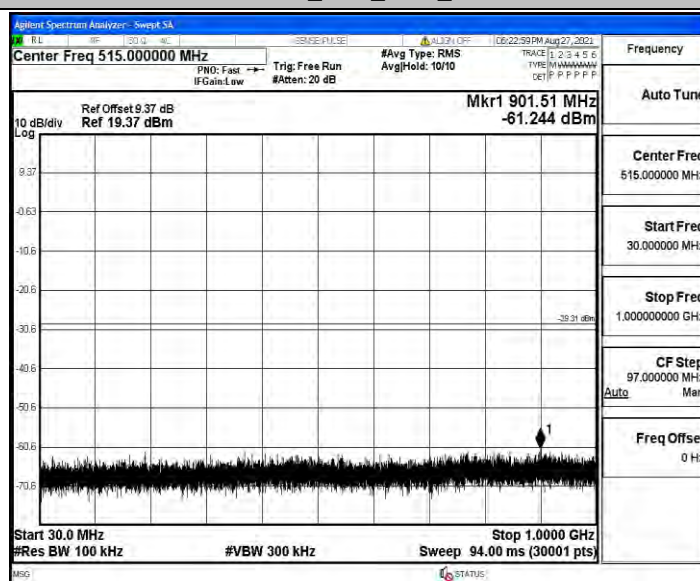
11N20MIMO_Ant1_2412_1000~26500



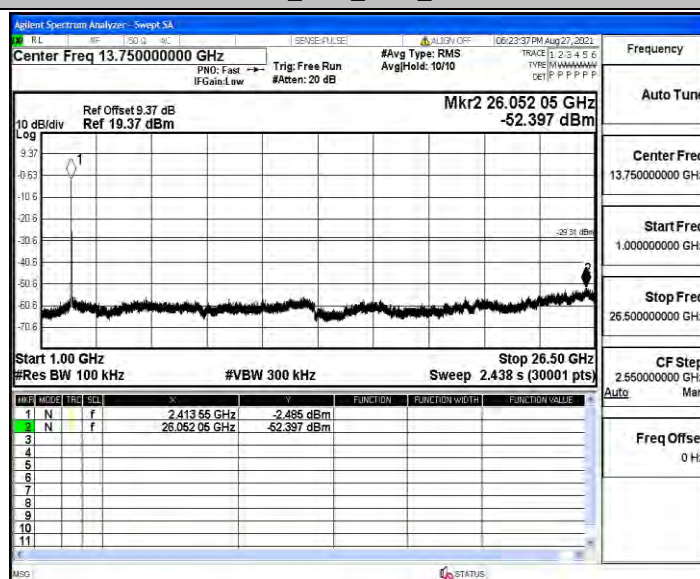
11N20MIMO_Ant2_2412_0~Reference



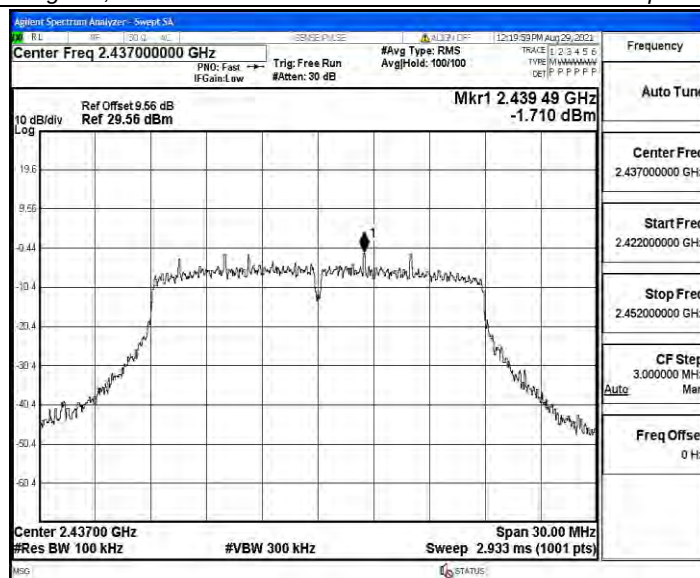
11N20MIMO_Ant2_2412_30~1000



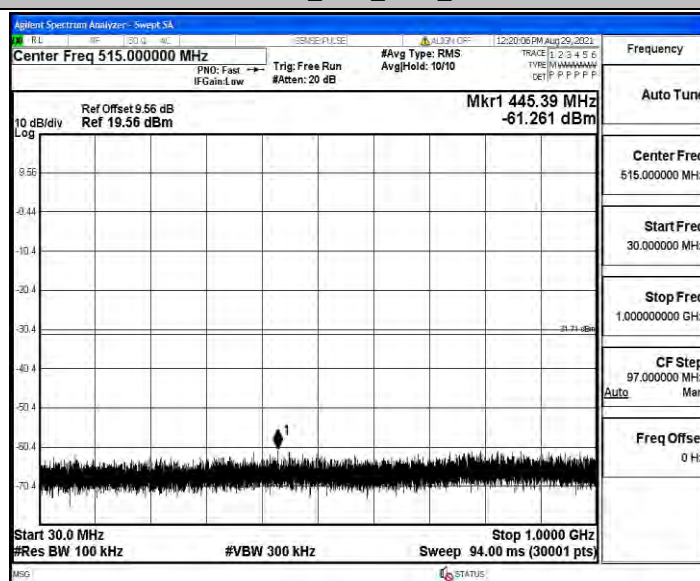
11N20MIMO_Ant2_2412_1000~26500



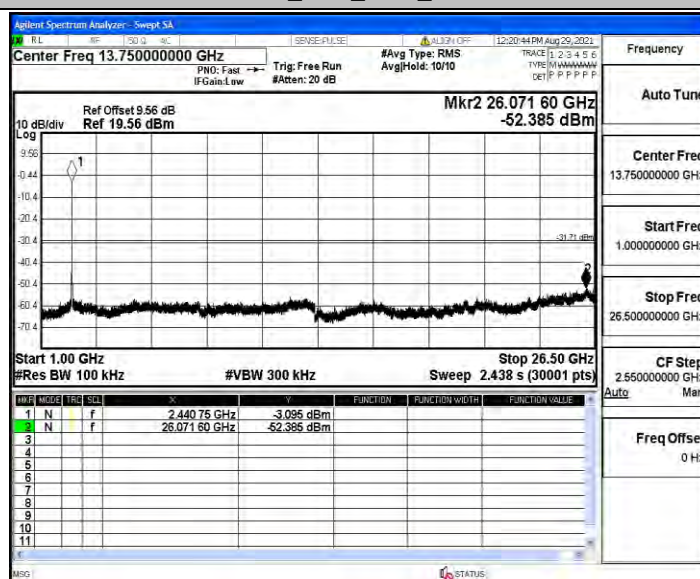
11N20MIMO_Ant1_2437_0~Reference



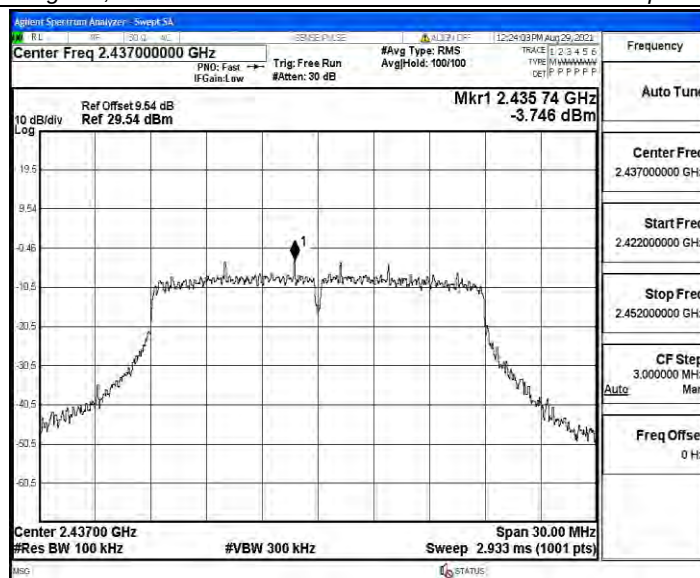
11N20MIMO_Ant1_2437_30~1000



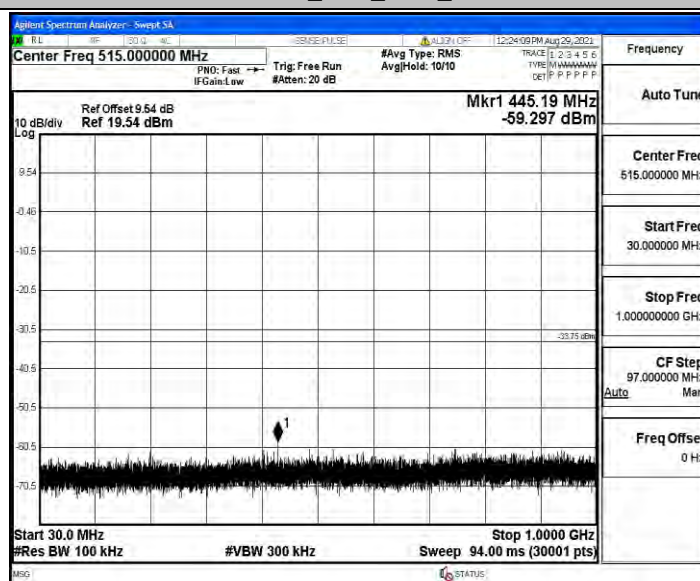
11N20MIMO_Ant1_2437_1000~26500



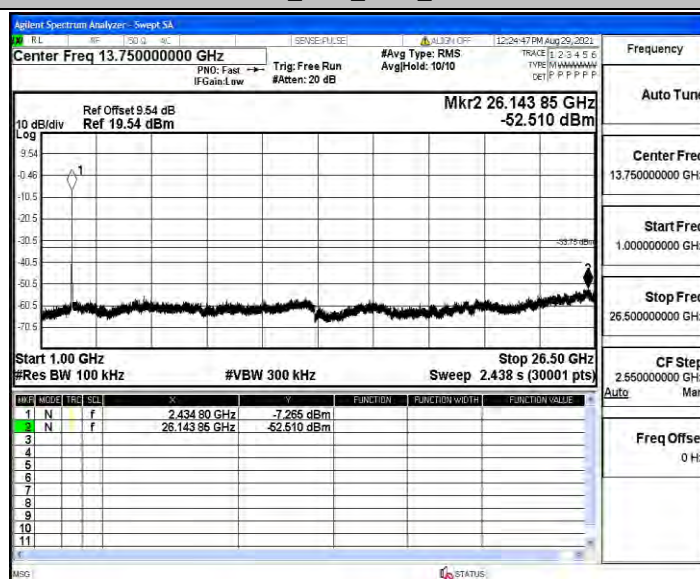
11N20MIMO_Ant2_2437_0~Reference



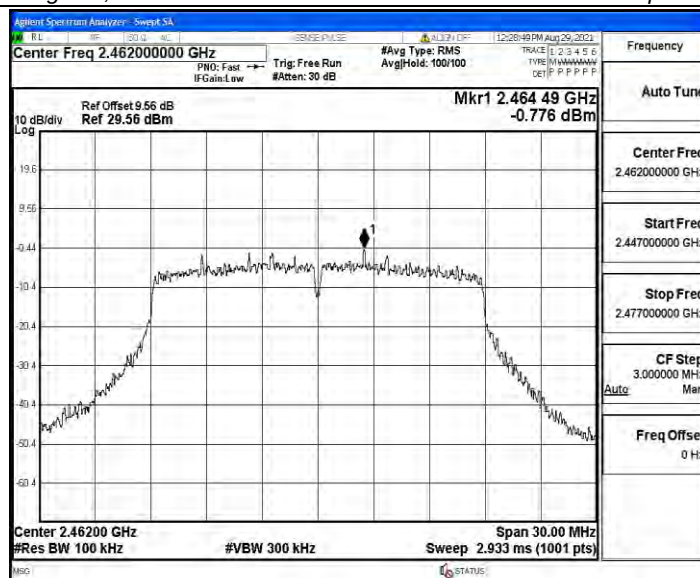
11N20MIMO_Ant2_2437_30~1000



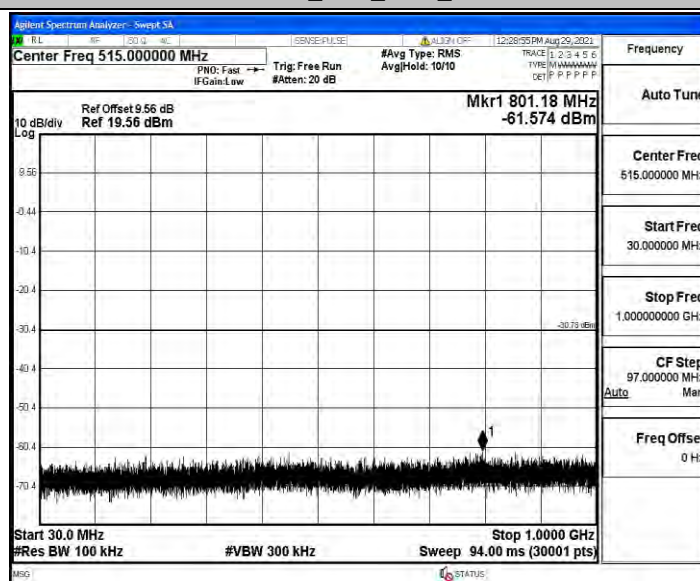
11N20MIMO_Ant2_2437_1000~26500



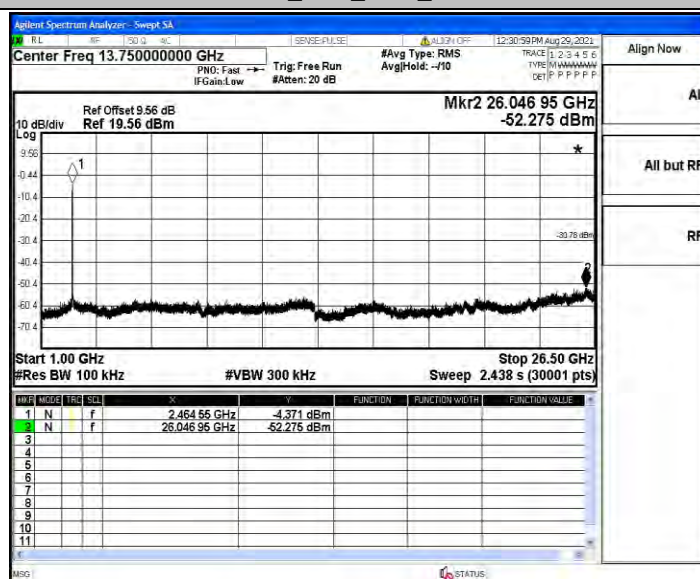
11N20MIMO_Ant1_2462_0~Reference



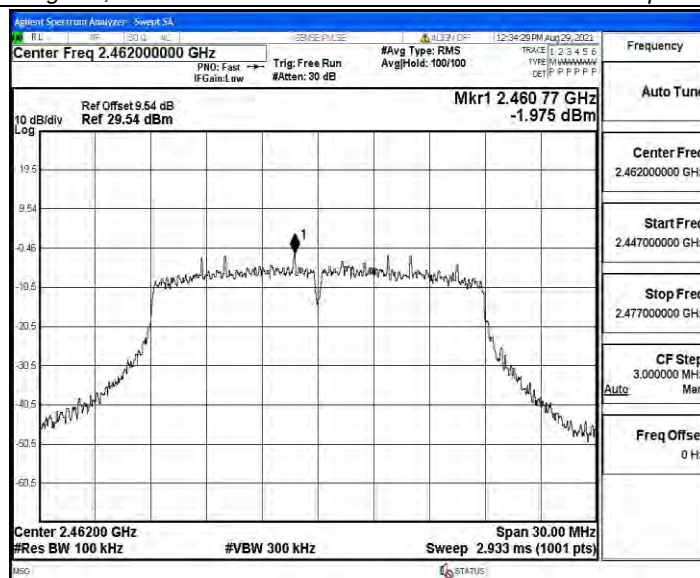
11N20MIMO_Ant1_2462_30~1000



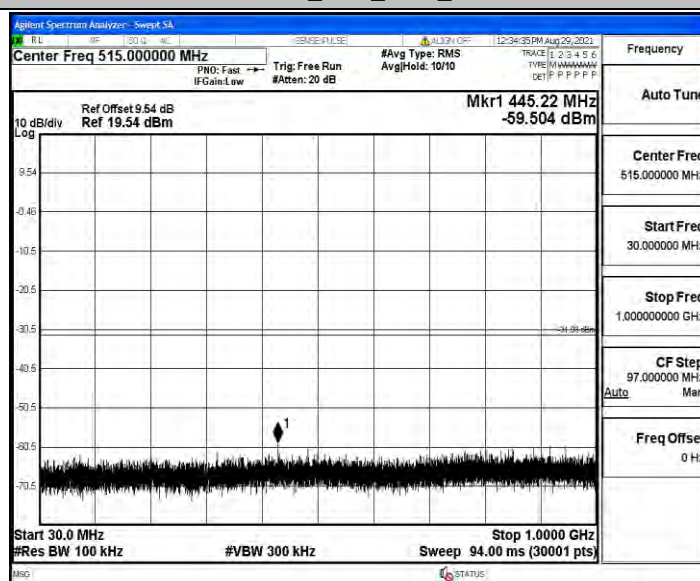
11N20MIMO_Ant1_2462_1000~26500



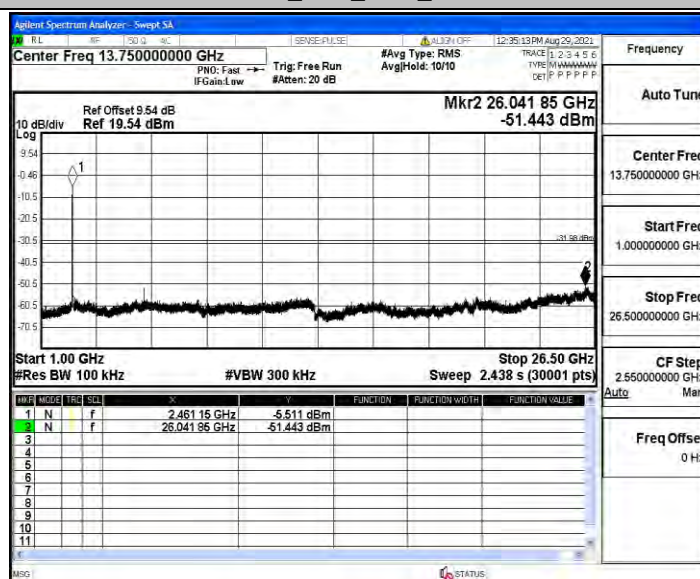
11N20MIMO_Ant2_2462_0~Reference



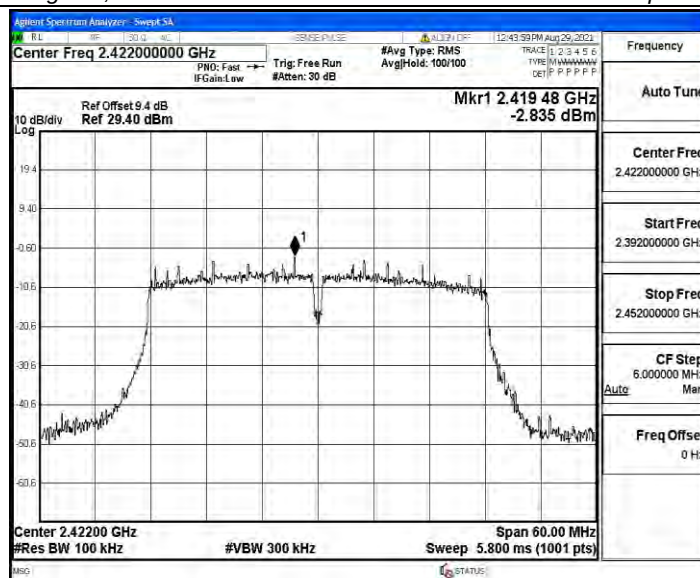
11N20MIMO_Ant2_2462_30~1000



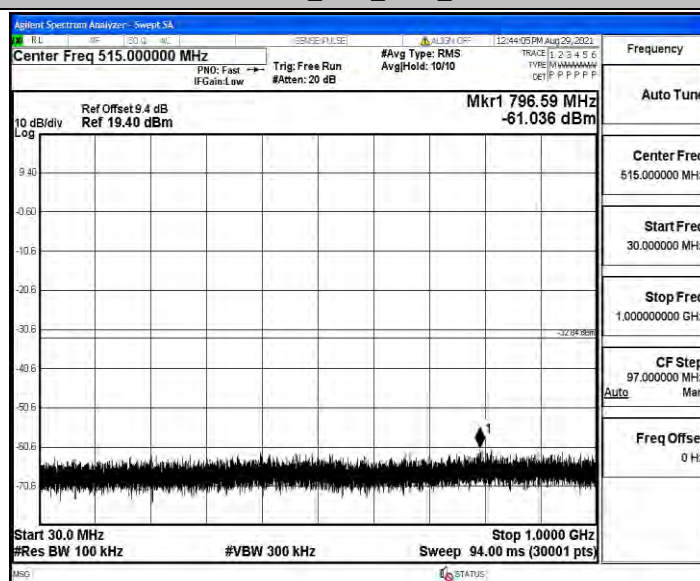
11N20MIMO_Ant2_2462_1000~26500



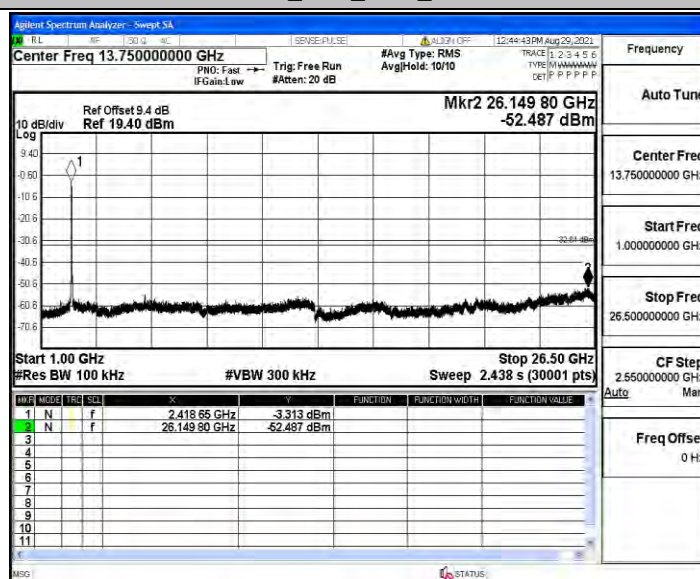
11N40MIMO_Ant1_2422_0~Reference



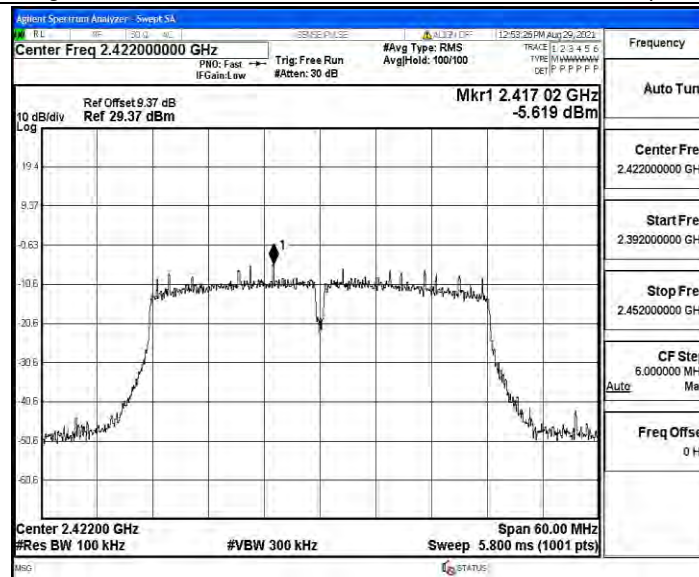
11N40MIMO_Ant1_2422_30~1000



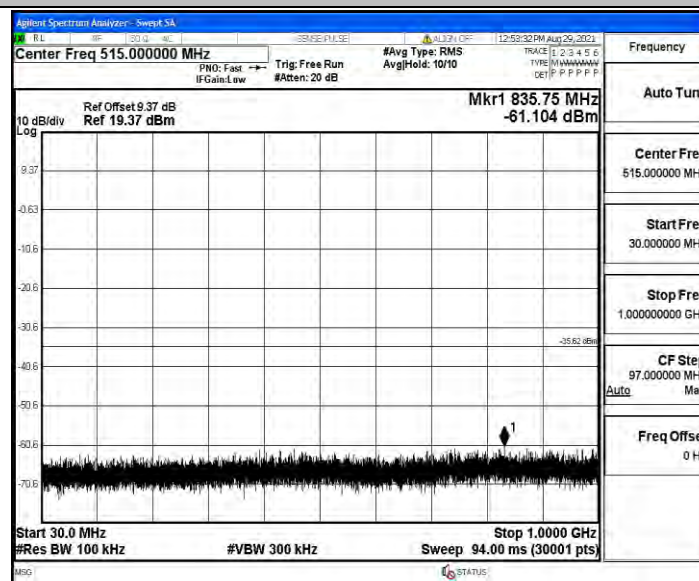
11N40MIMO_Ant1_2422_1000~26500



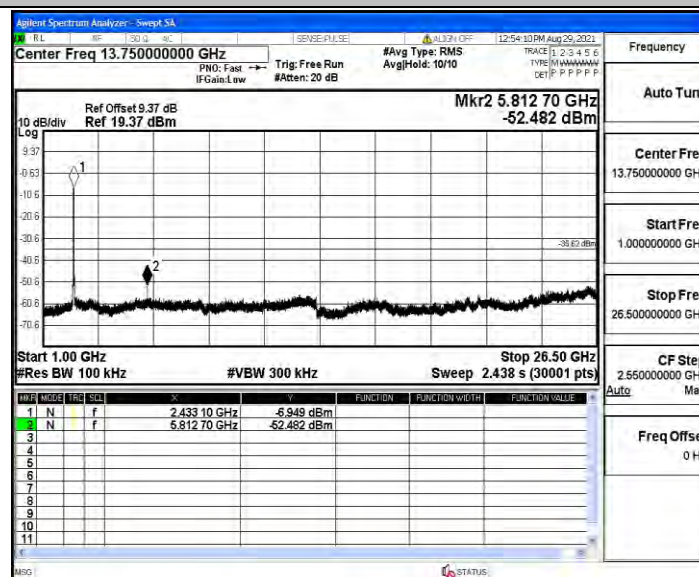
11N40MIMO_Ant2_2422_0~Reference



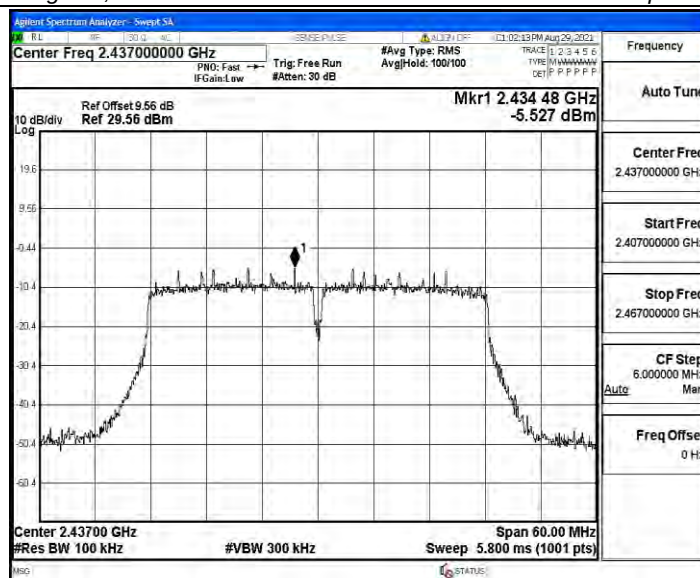
11N40MIMO_Ant2_2422_30~1000



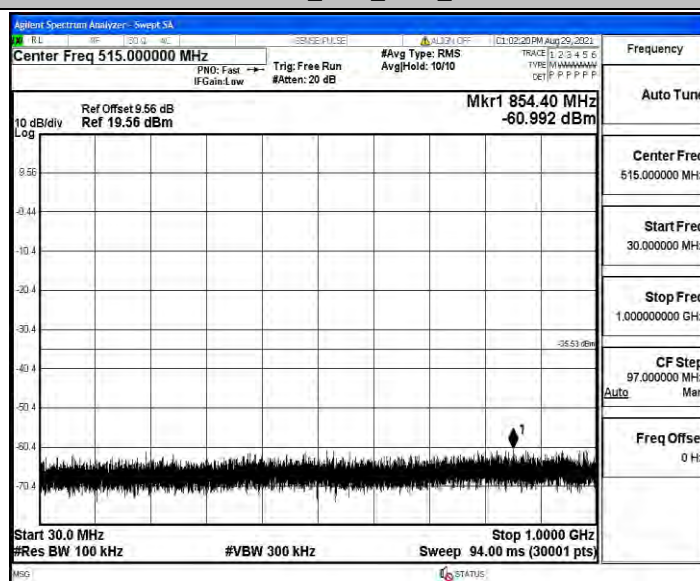
11N40MIMO_Ant2_2422_1000~26500



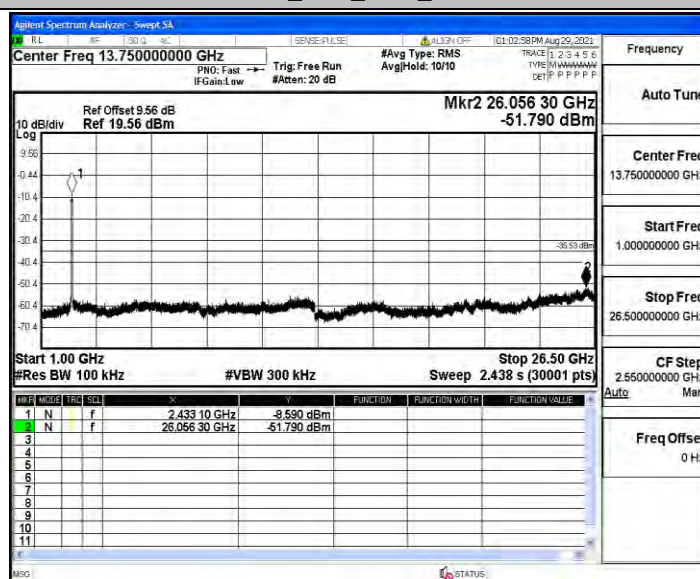
11N40MIMO_Ant1_2437_0~Reference



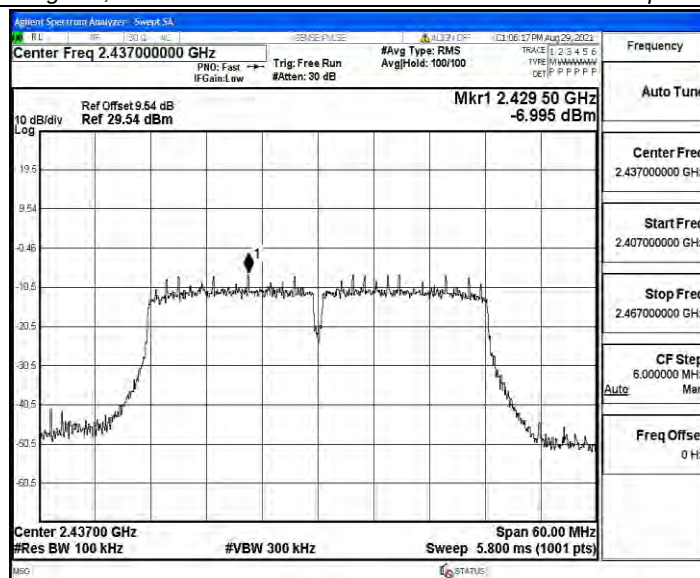
11N40MIMO_Ant1_2437_30~1000



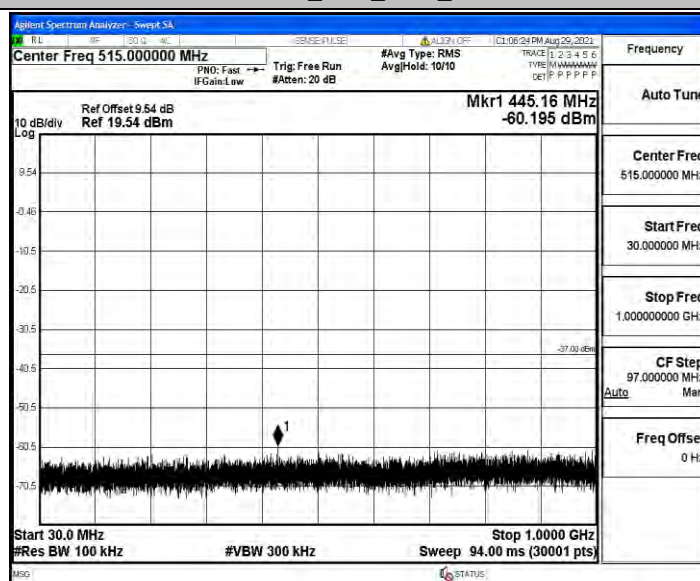
11N40MIMO_Ant1_2437_1000~26500



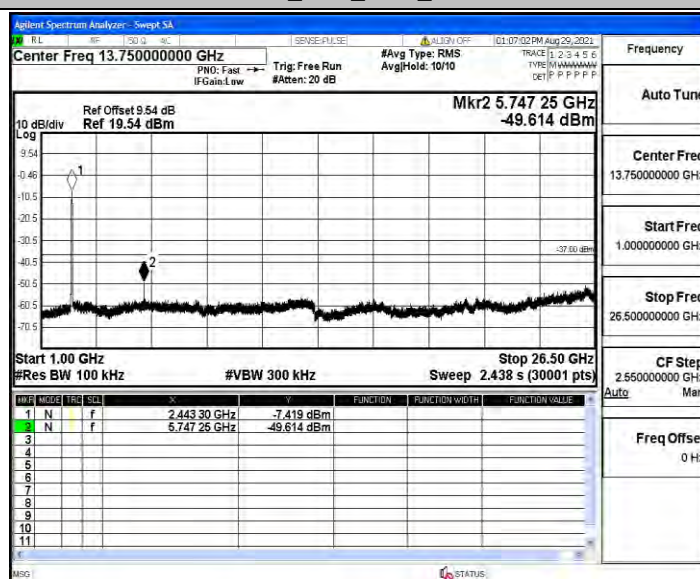
11N40MIMO_Ant2_2437_0~Reference



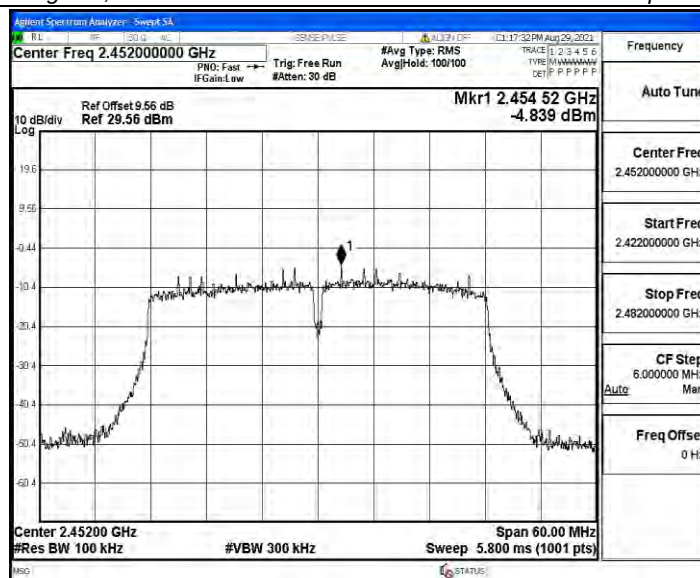
11N40MIMO_Ant2_2437_30~1000



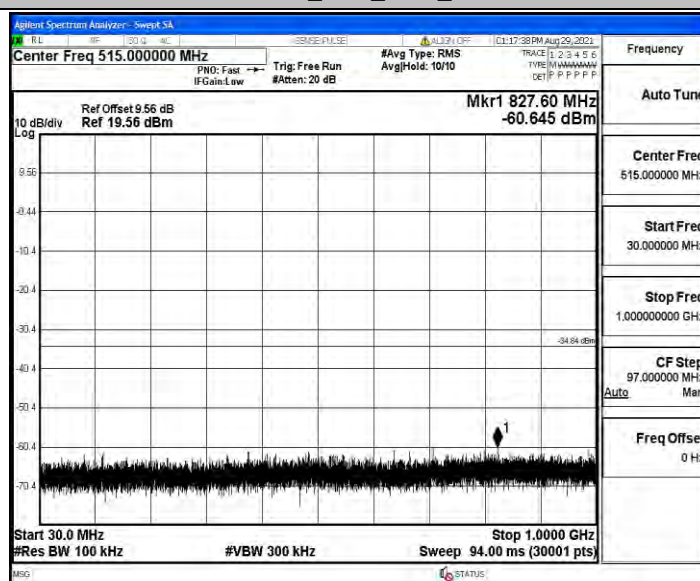
11N40MIMO_Ant2_2437_1000~26500



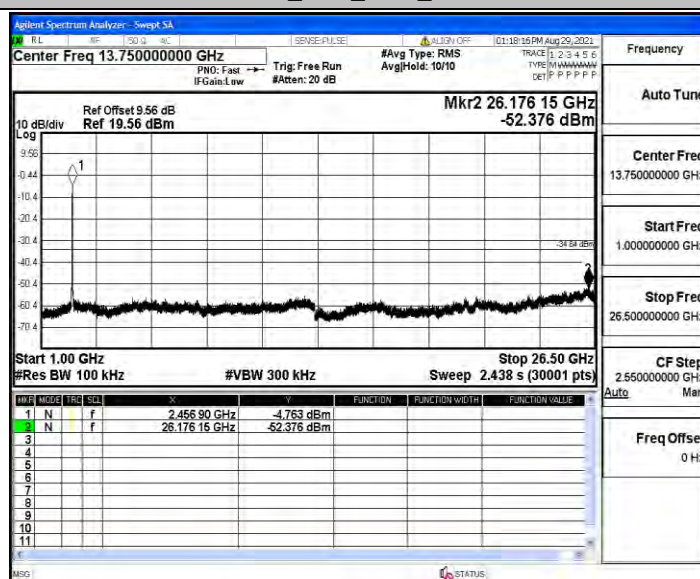
11N40MIMO_Ant1_2452_0~Reference



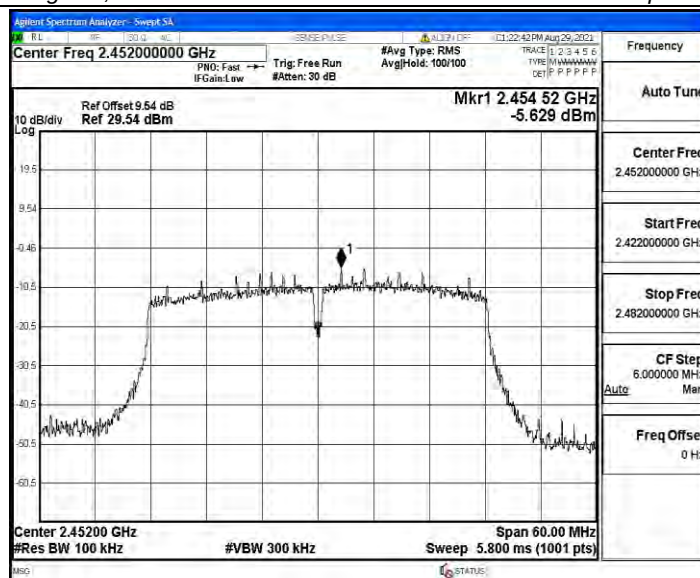
11N40MIMO_Ant1_2452_30~1000



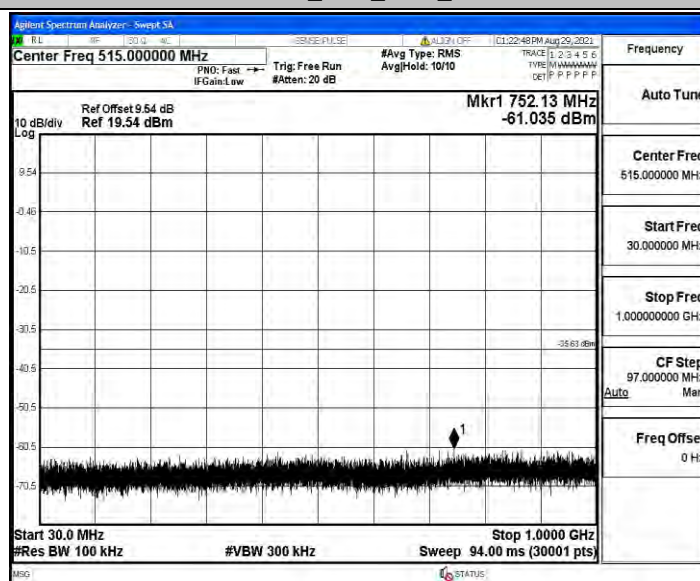
11N40MIMO_Ant1_2452_1000~26500



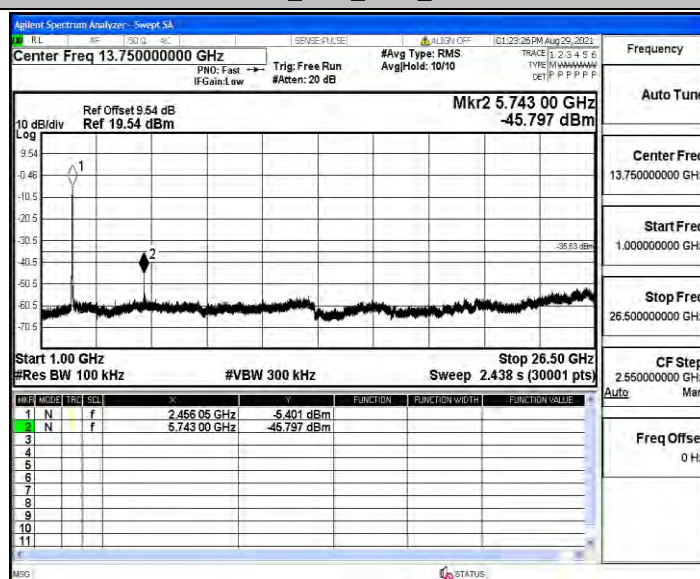
11N40MIMO_Ant2_2452_0~Reference



11N40MIMO_Ant2_2452_30~1000



11N40MIMO_Ant2_2452_1000~26500



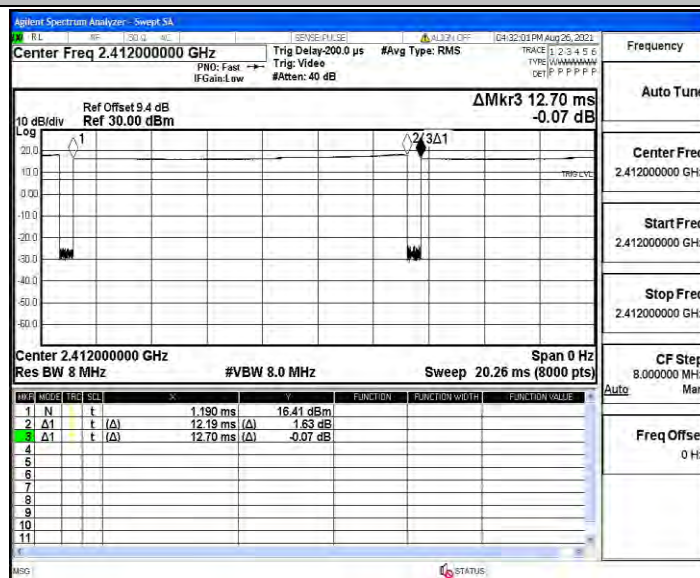
Appendix G: Duty Cycle

Test Result

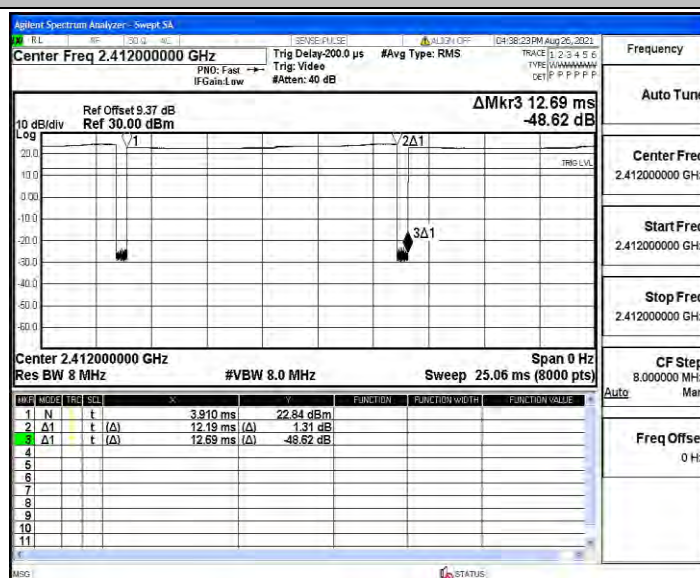
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/B[kHz]
11B	Ant1	2412	12.19	12.70	95.98	0.08
	Ant2	2412	12.19	12.69	96.06	0.08
	Ant1	2437	12.20	12.70	96.06	0.08
	Ant2	2437	12.20	12.70	96.06	0.08
	Ant1	2462	12.20	12.70	96.06	0.08
	Ant2	2462	12.20	12.70	96.06	0.08
11G	Ant1	2412	2.02	2.52	80.16	0.4
	Ant2	2412	2.02	2.52	80.16	0.4
	Ant1	2437	2.03	2.53	80.24	0.4
	Ant2	2437	2.02	2.52	80.16	0.4
	Ant1	2462	2.02	2.53	79.84	0.4
	Ant2	2462	2.02	2.52	80.16	0.4
11N20MIMO	Ant1	2412	1.89	2.39	79.08	0.42
	Ant2	2412	1.88	2.38	78.99	0.42
	Ant1	2437	1.89	2.39	79.08	0.42
	Ant2	2437	1.89	2.39	79.08	0.42
	Ant1	2462	1.89	2.39	79.08	0.42
	Ant2	2462	1.89	2.39	79.08	0.42
11N40MIMO	Ant1	2422	0.93	1.43	65.03	0.7
	Ant2	2422	0.93	1.44	64.58	0.69
	Ant1	2437	0.93	1.43	65.03	0.7
	Ant2	2437	0.93	1.44	64.58	0.69
	Ant1	2452	0.93	1.43	65.03	0.7
	Ant2	2452	0.93	1.43	65.03	0.7

Test Graphs

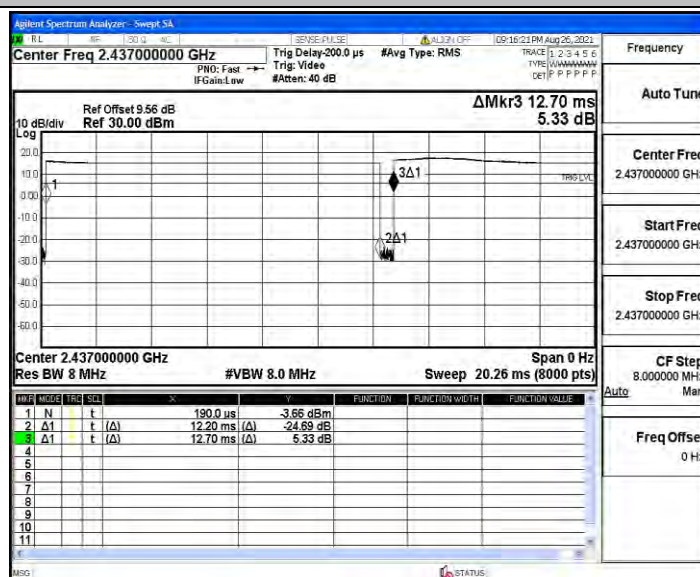
11B_Ant1_2412



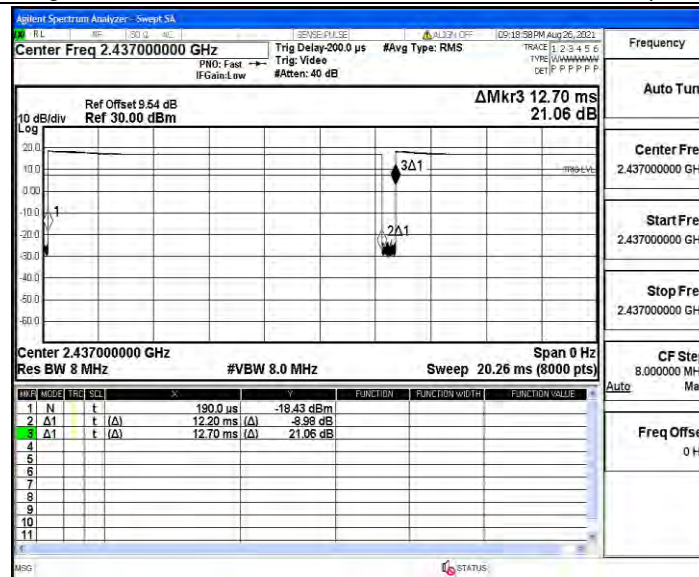
11B_Ant2_2412



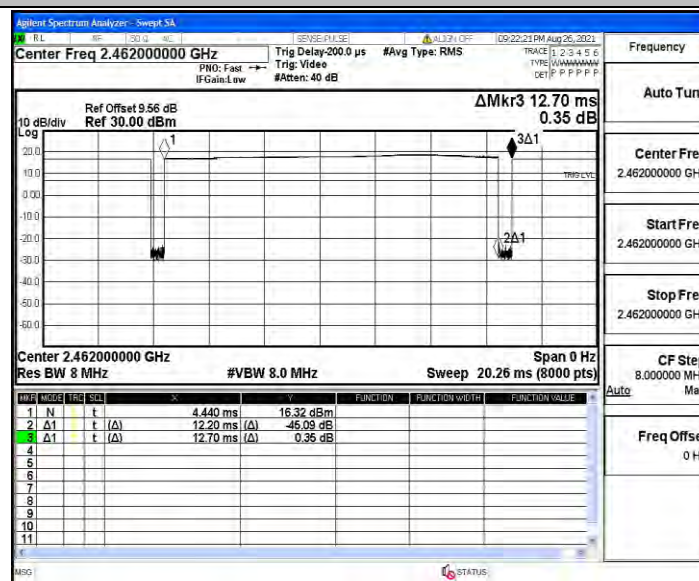
11B_Ant1_2437



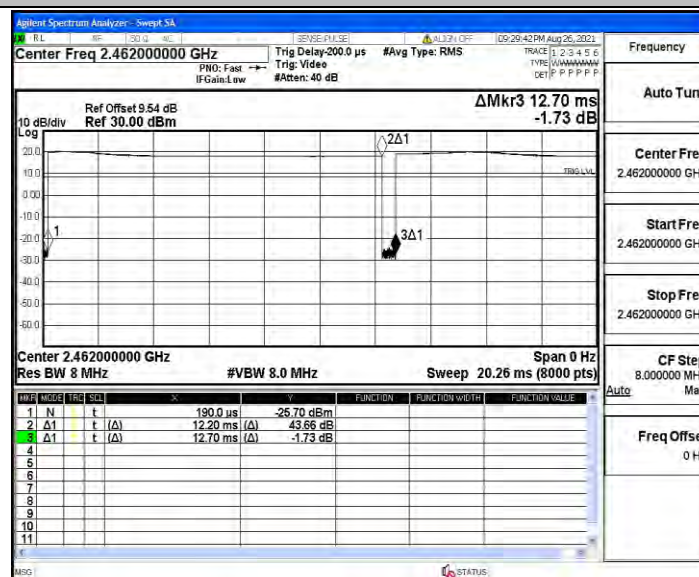
11B_Ant2_2437



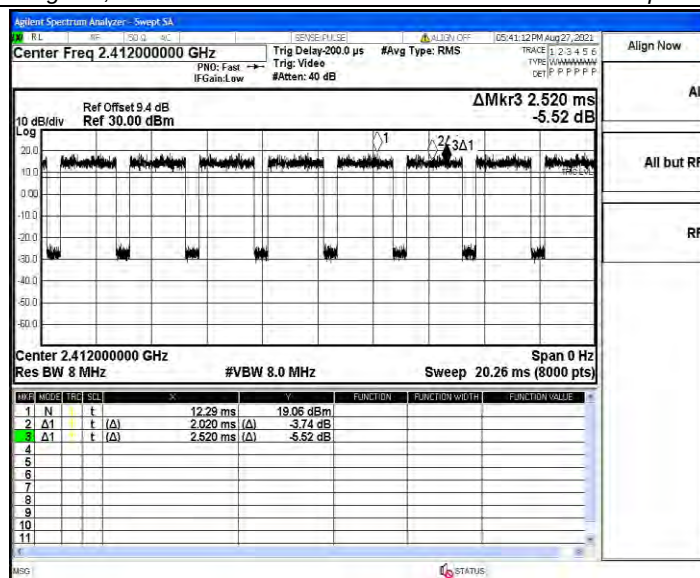
11B_Ant1_2462



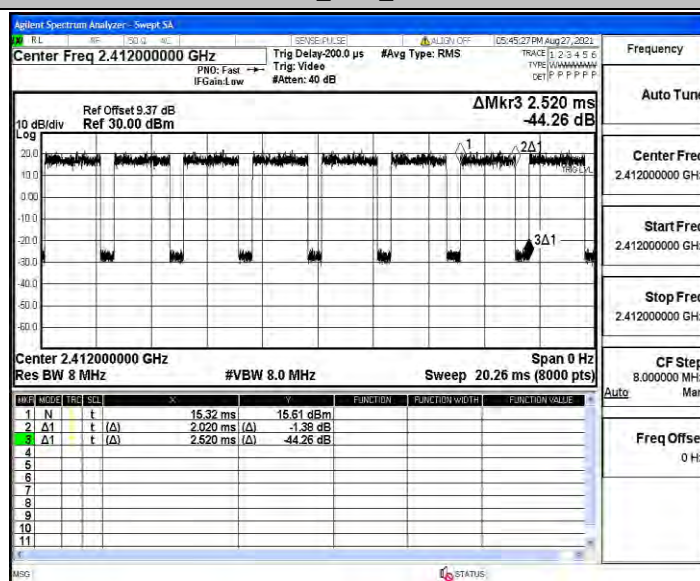
11B_Ant2_2462



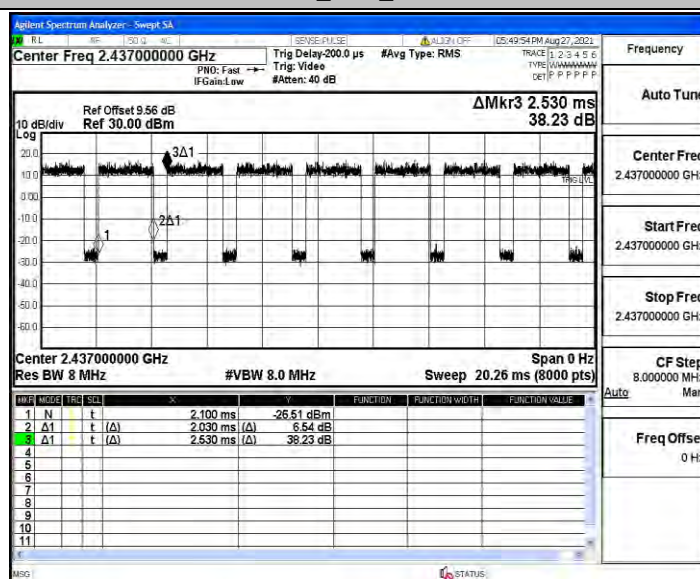
11G_Ant1_2412



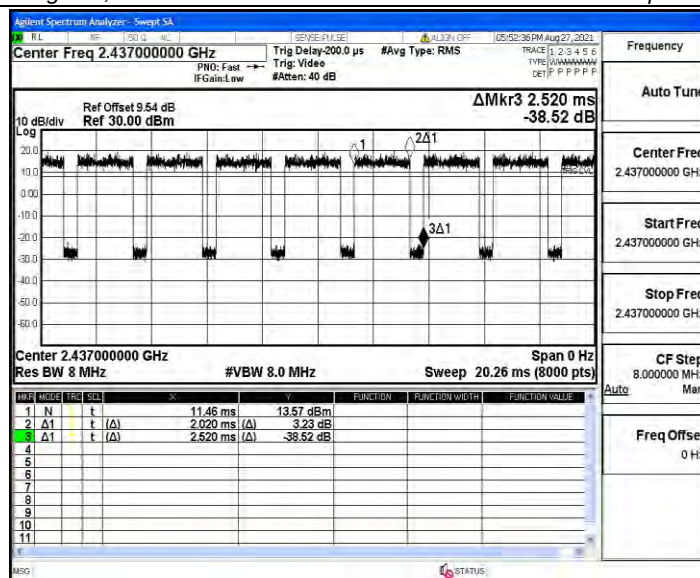
11G_Ant2_2412



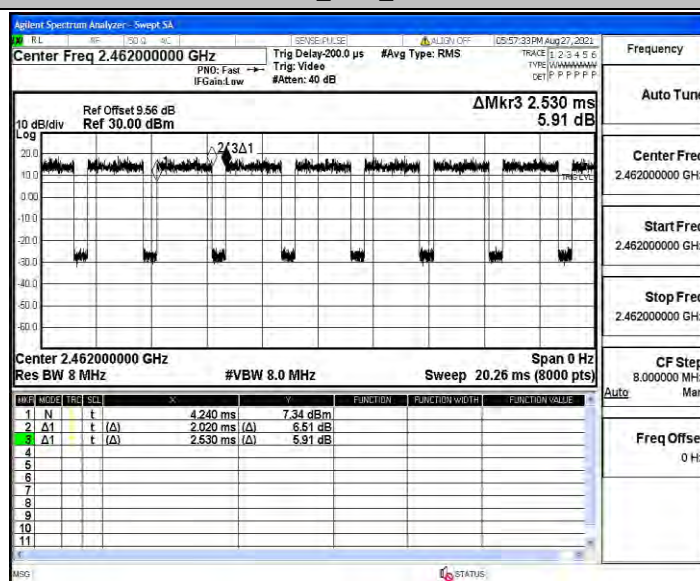
11G_Ant1_2437



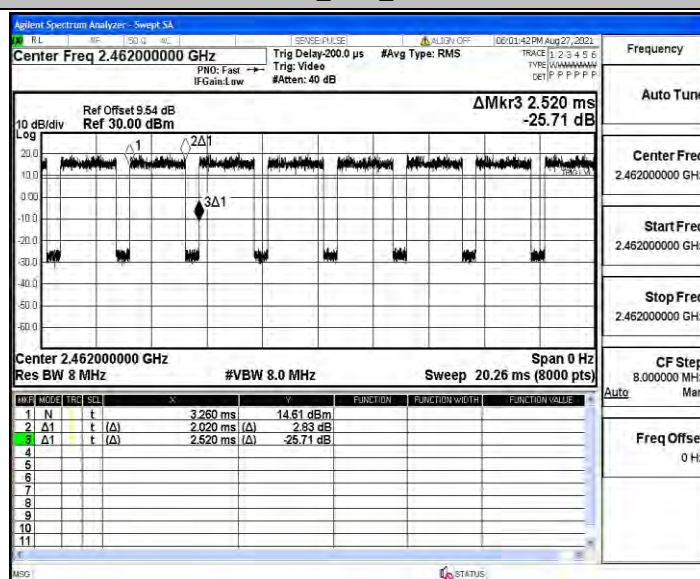
11G_Ant2_2437



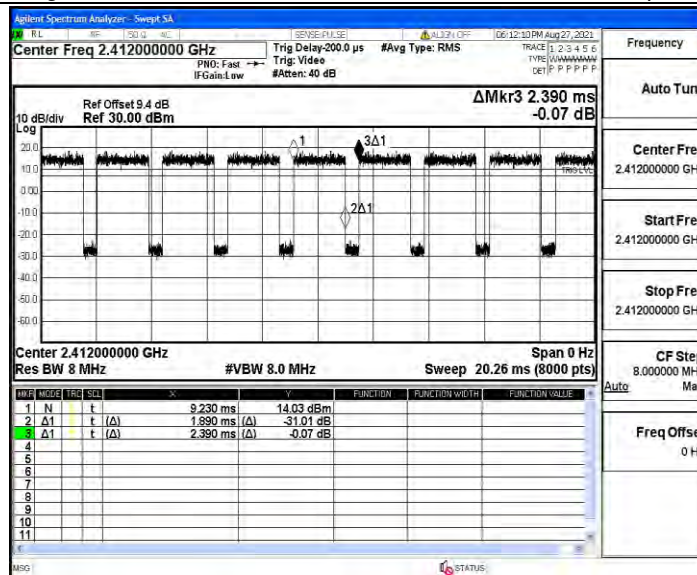
11G_Ant1_2462



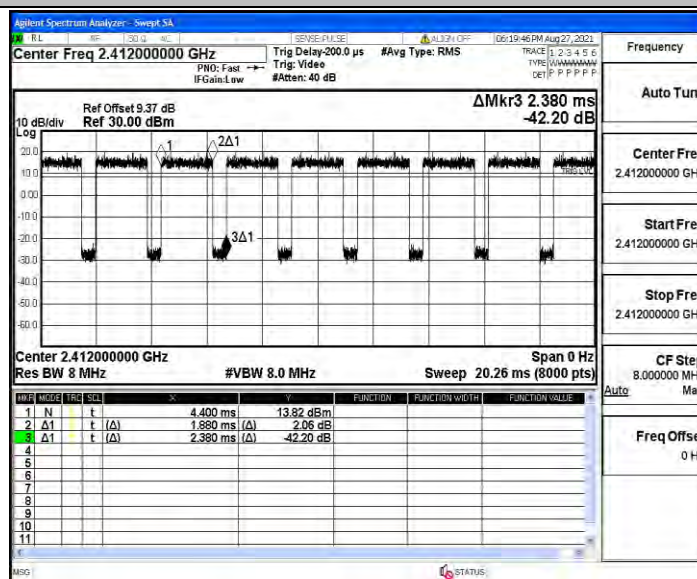
11G_Ant2_2462



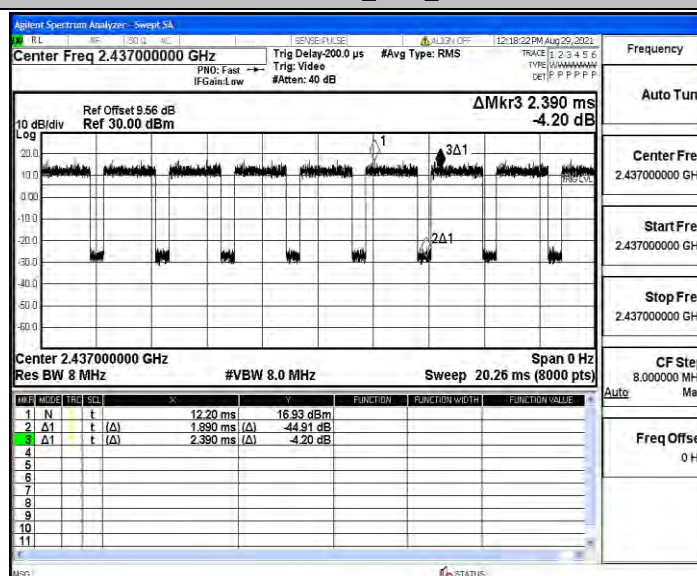
11N20MIMO_Ant1_2412



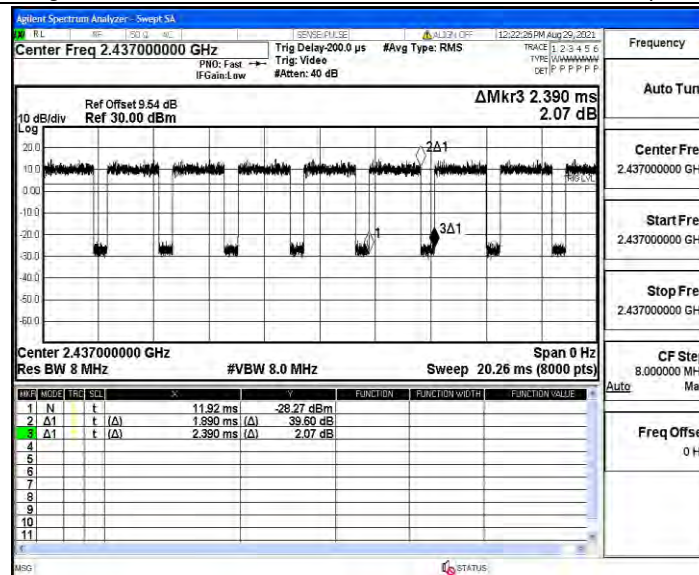
11N20MIMO_Ant2_2412



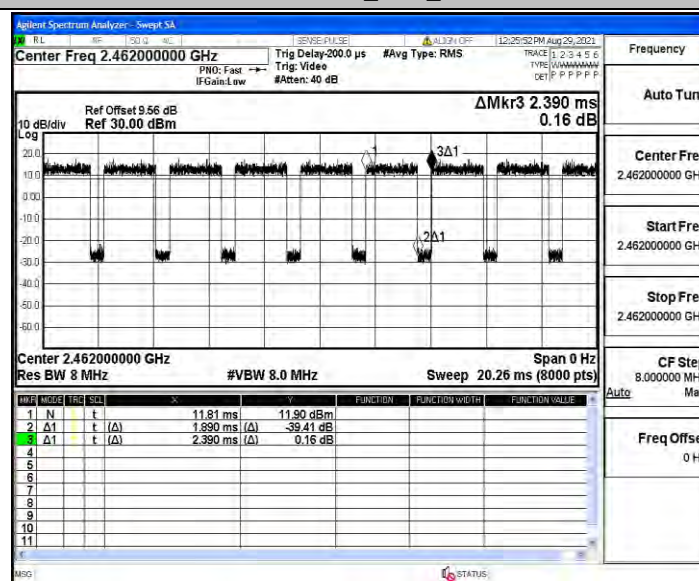
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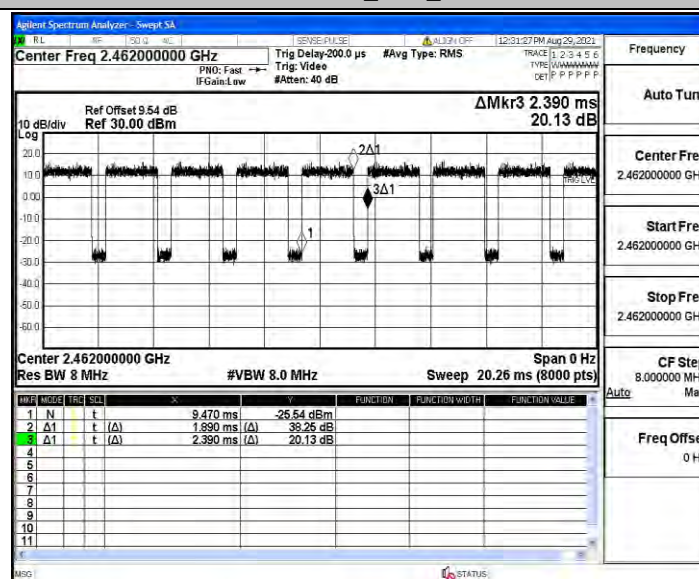
11N20MIMO_Ant2_2437



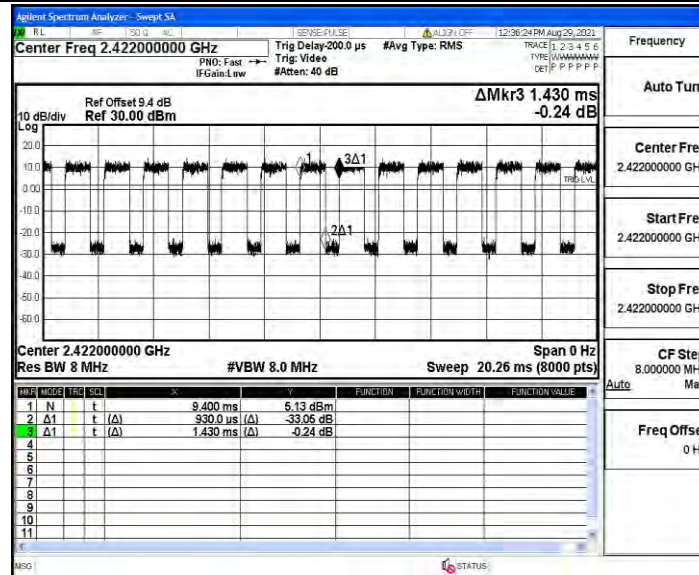
11N20MIMO_Ant1_2462



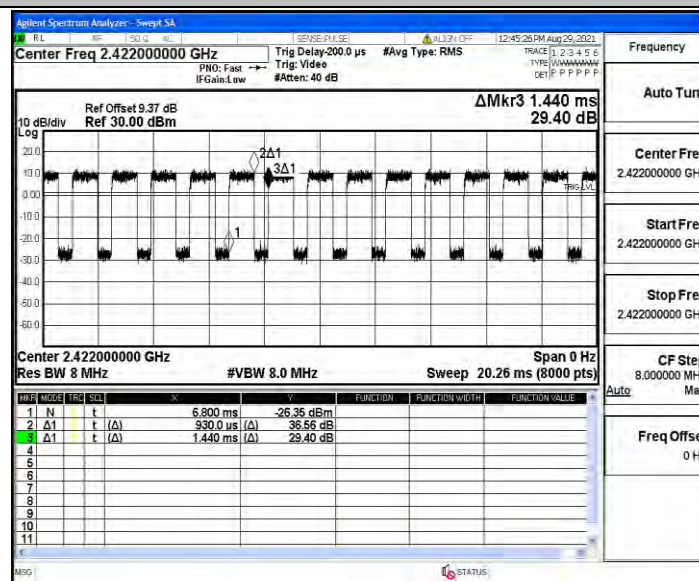
11N20MIMO_Ant2_2462



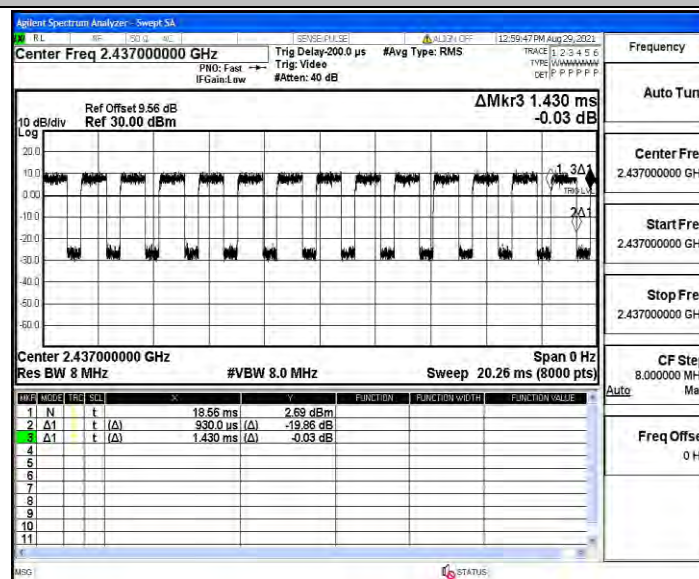
11N40MIMO_Ant1_2422



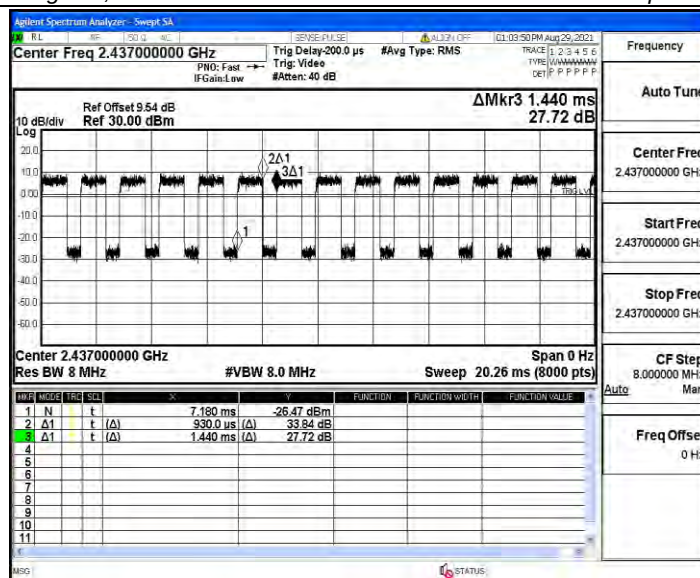
11N40MIMO_Ant2_2422



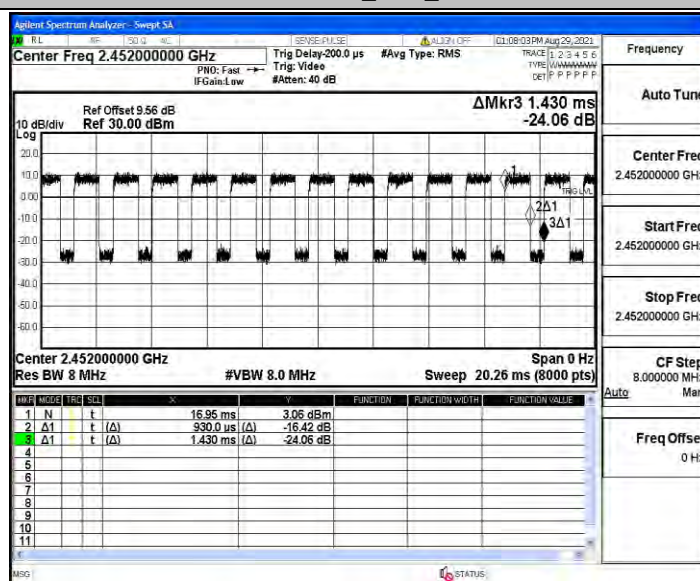
11N40MIMO_Ant1_2437



11N40MIMO_Ant2_2437



11N40MIMO_Ant1_2452



11N40MIMO_Ant2_2452

