



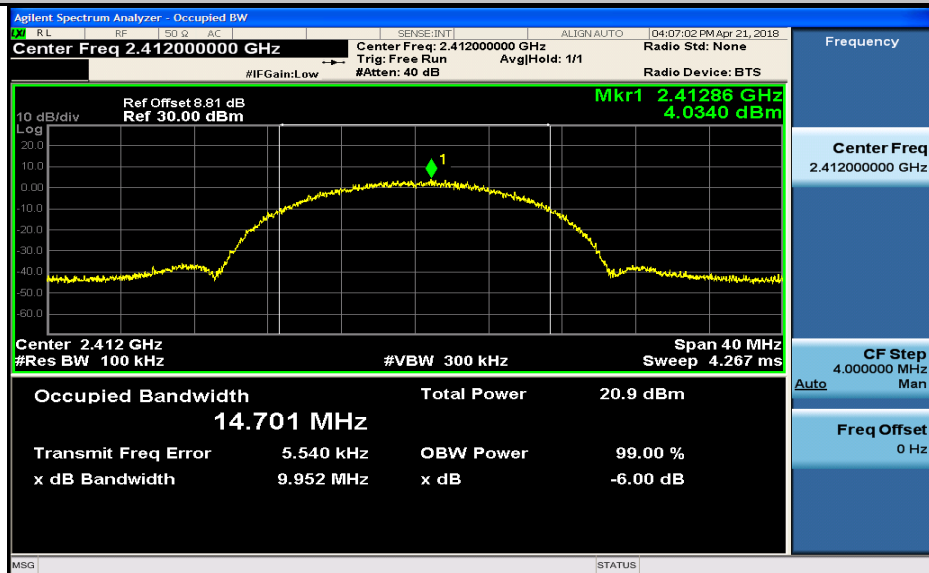
Appendix A for SHEM1803001616CR

Power: AC 24V

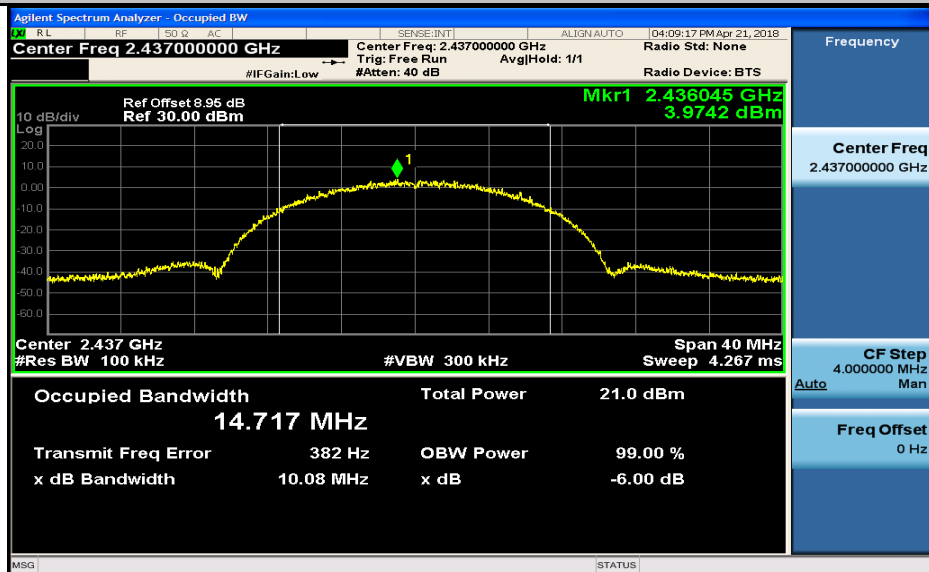
1.6dB Bandwidth

Test Mode	Test Channel	Ant	EBW[MHz]	Limit	Verdict
11B	2412	Ant1	9.95	0.5	PASS
11B	2437	Ant1	10.08	0.5	PASS
11B	2462	Ant1	8.79	0.5	PASS
11G	2412	Ant1	16.39	0.5	PASS
11G	2437	Ant1	16.47	0.5	PASS
11G	2462	Ant1	16.38	0.5	PASS
11N20SISO	2412	Ant1	17.54	0.5	PASS
11N20SISO	2437	Ant1	17.64	0.5	PASS
11N20SISO	2462	Ant1	17.20	0.5	PASS
11N40SISO	2422	Ant1	35.37	0.5	PASS
11N40SISO	2437	Ant1	35.13	0.5	PASS
11N40SISO	2452	Ant1	35.14	0.5	PASS

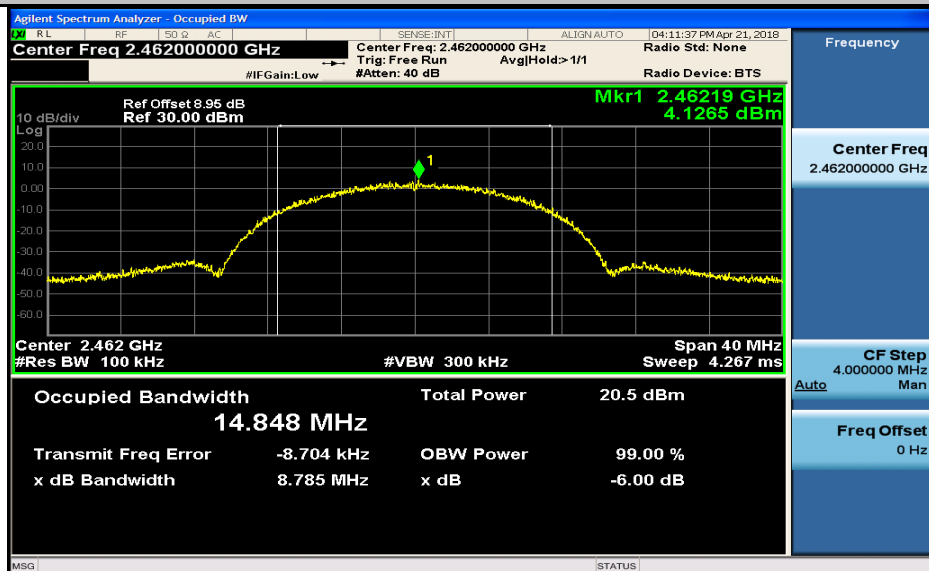
6dB Bandwidth_11B_2412_Ant1



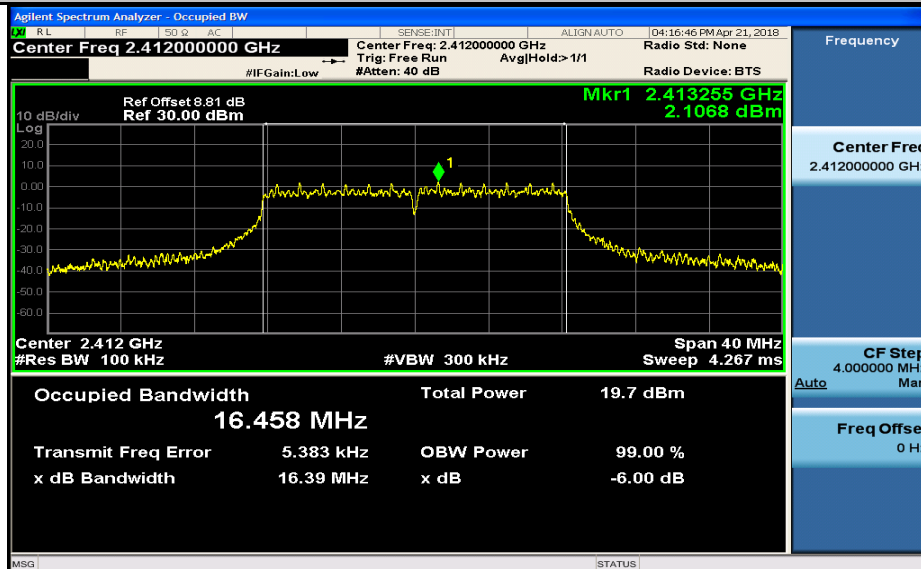
6dB Bandwidth_11B_2437_Ant1



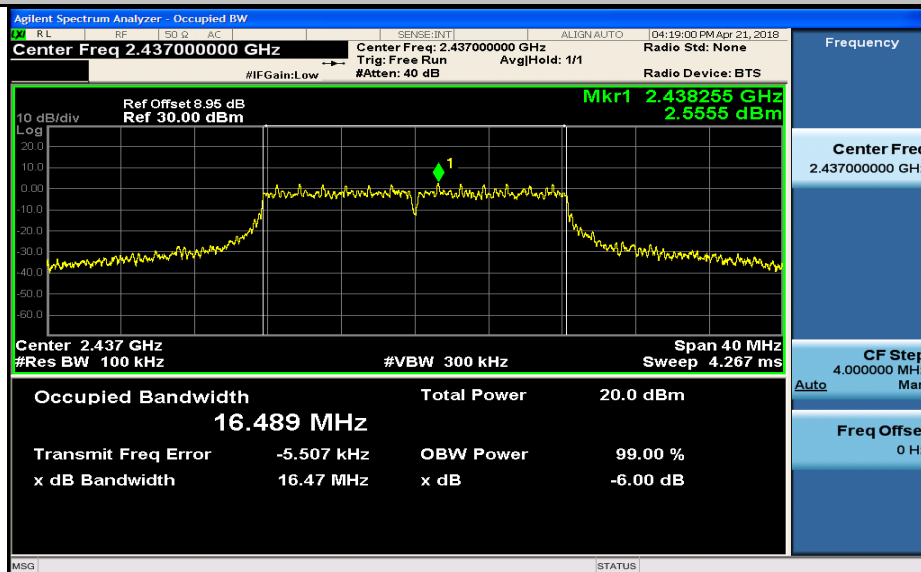
6dB Bandwidth_11B_2462_Ant1



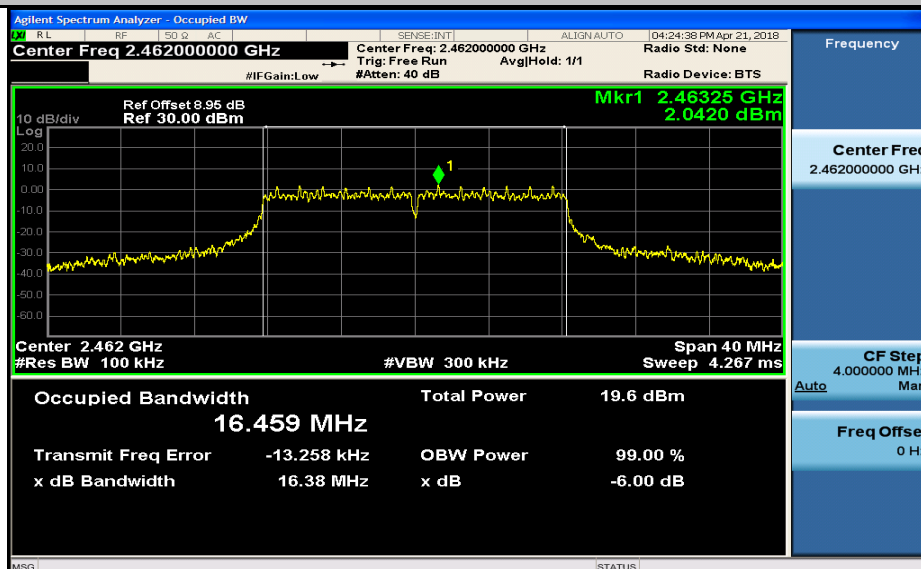
6dB Bandwidth_11G_2412_Ant1



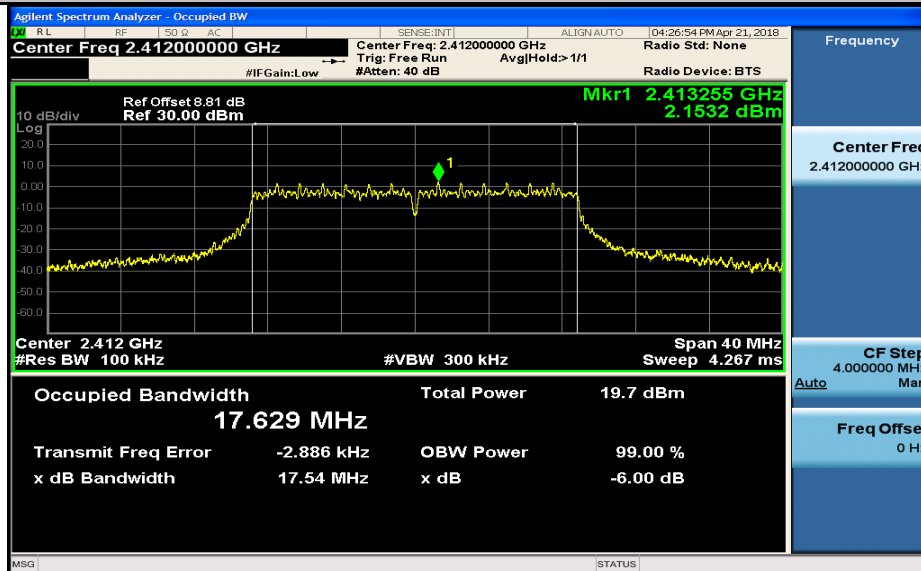
6dB Bandwidth_11G_2437_Ant1



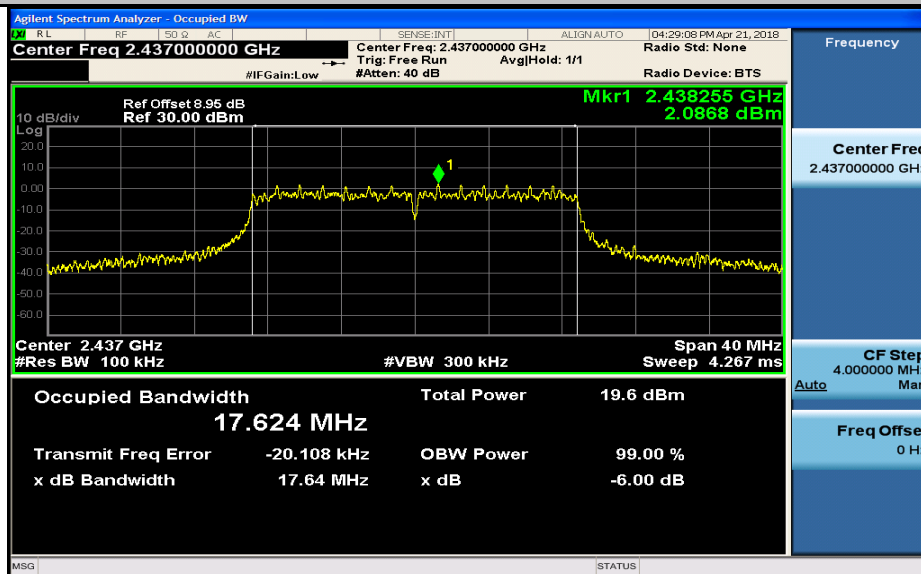
6dB Bandwidth_11G_2462_Ant1



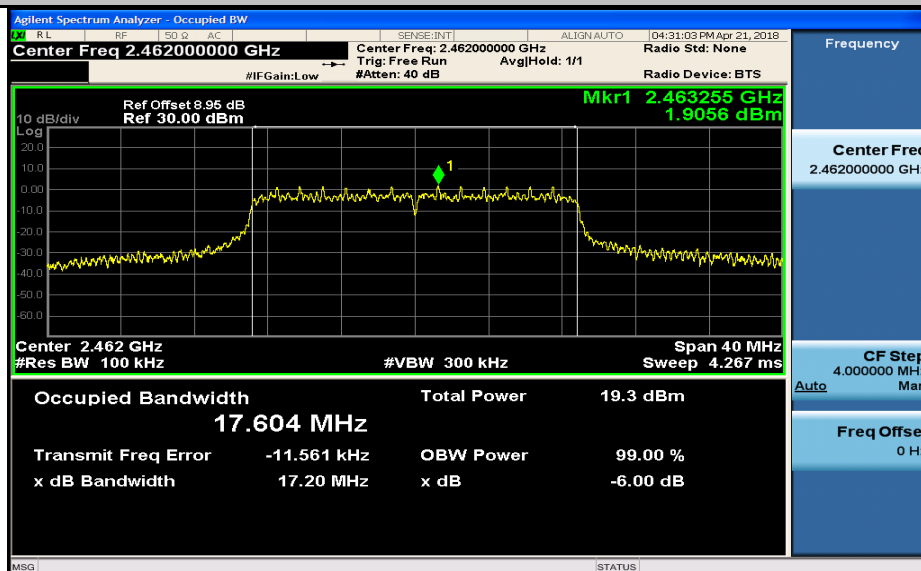
6dB Bandwidth_11N20SISO_2412_Ant1



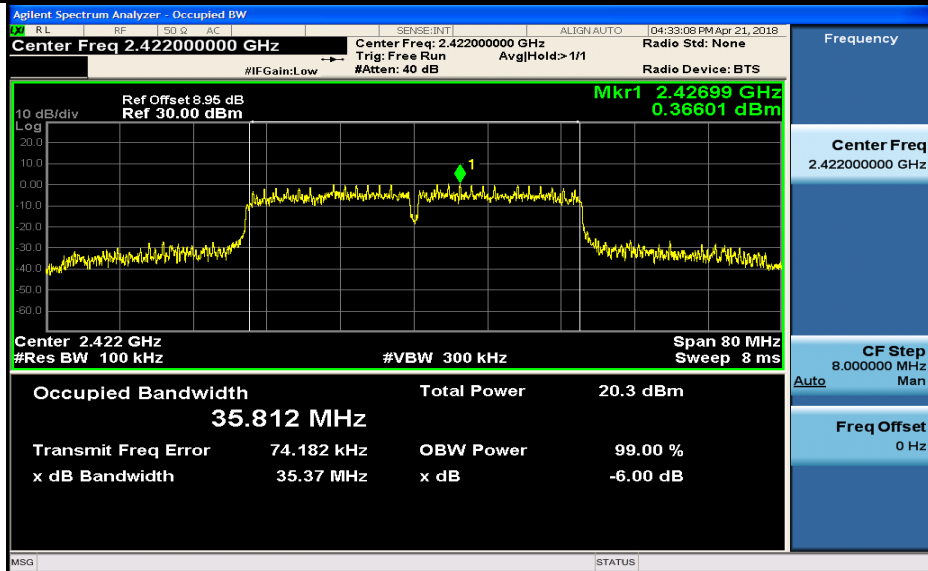
6dB Bandwidth_11N20SISO_2437_Ant1



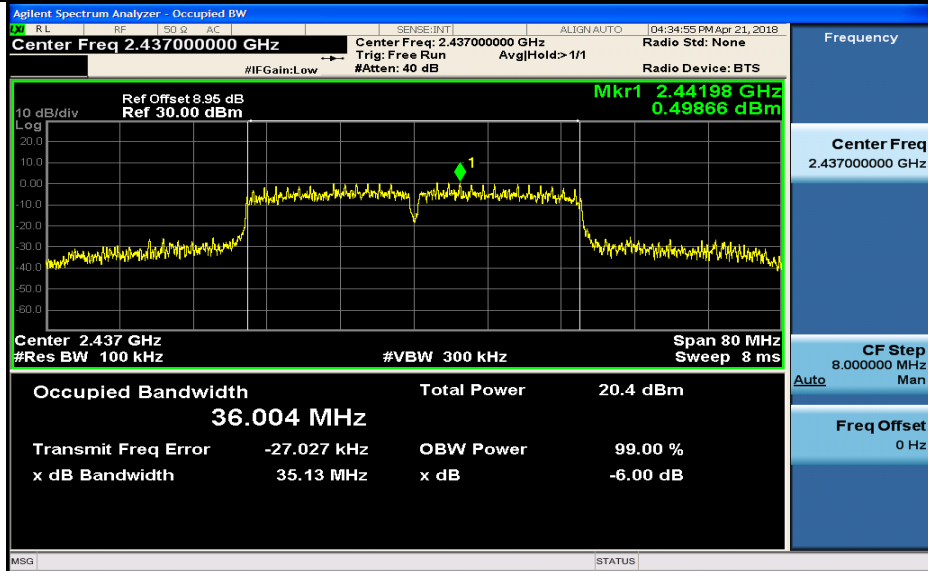
6dB Bandwidth_11N20SISO_2462_Ant1



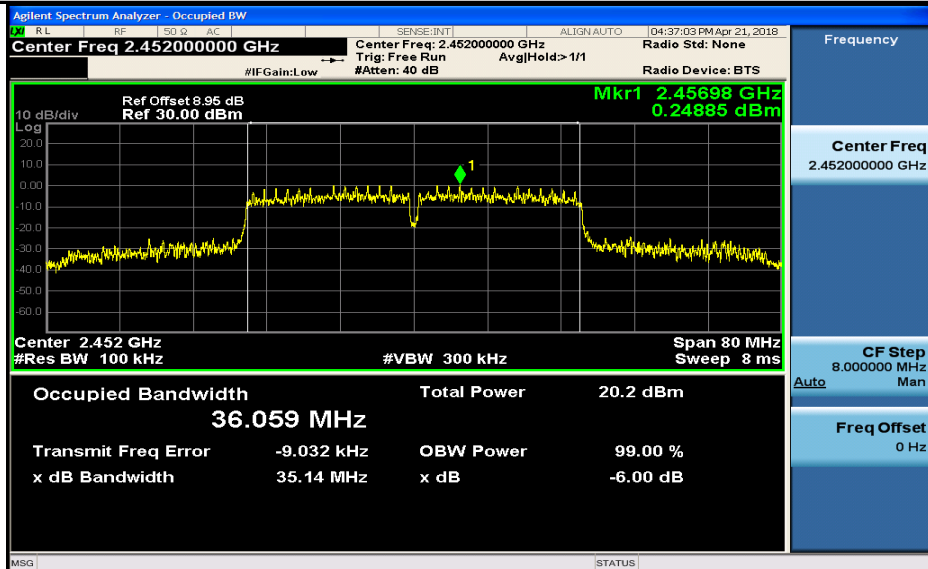
6dB Bandwidth_11N40SISO_2422_Ant1



6dB Bandwidth_11N40SISO_2437_Ant1



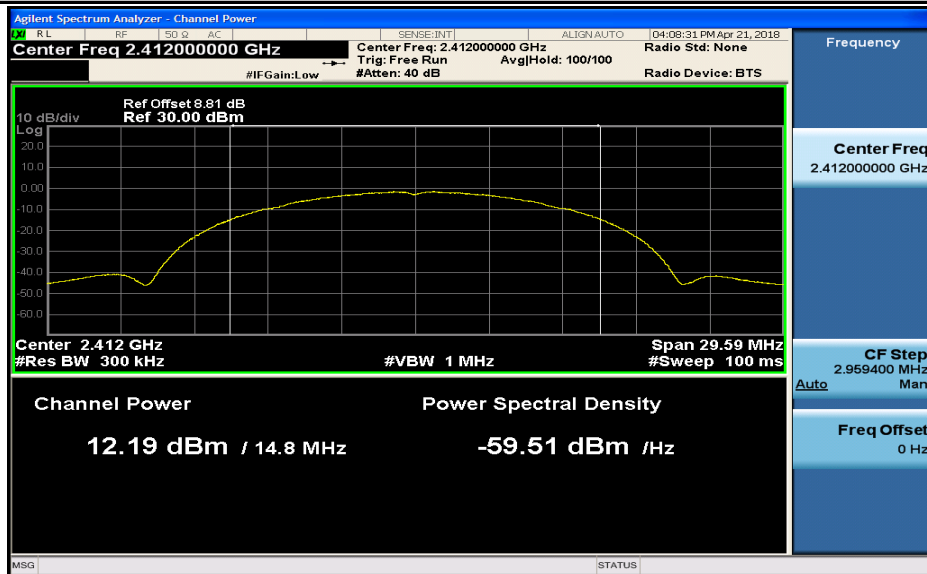
6dB Bandwidth_11N40SISO_2452_Ant1



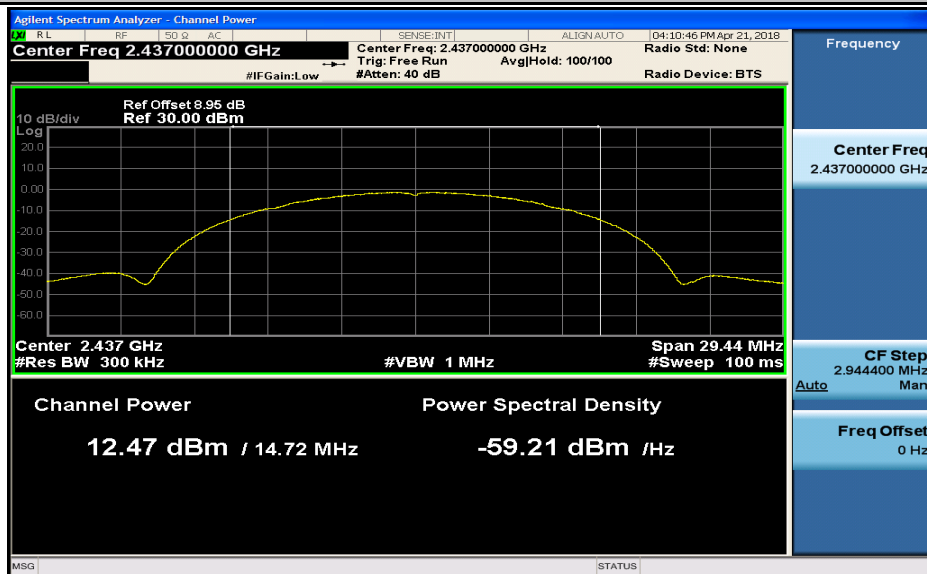
2.Maximum conducted (average) output power

Test Mode	Test Channel	Ant	Level [dBm]	10log(1/x) Factor[dB]	Power [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	12.19	0.13	12.32	30	PASS
11B	2437	Ant1	12.47	0.50	12.96	30	PASS
11B	2462	Ant1	12.05	0.22	12.27	30	PASS
11G	2412	Ant1	11.42	1.18	12.61	30	PASS
11G	2437	Ant1	11.5	1.85	13.35	30	PASS
11G	2462	Ant1	11.33	1.45	12.78	30	PASS
11N20SISO	2412	Ant1	11.46	1.42	12.88	30	PASS
11N20SISO	2437	Ant1	11.26	1.76	13.02	30	PASS
11N20SISO	2462	Ant1	11.03	1.76	12.79	30	PASS
11N40SISO	2422	Ant1	11.22	2.97	14.18	30	PASS
11N40SISO	2437	Ant1	11.28	1.67	12.95	30	PASS
11N40SISO	2452	Ant1	11.15	3.76	14.91	30	PASS

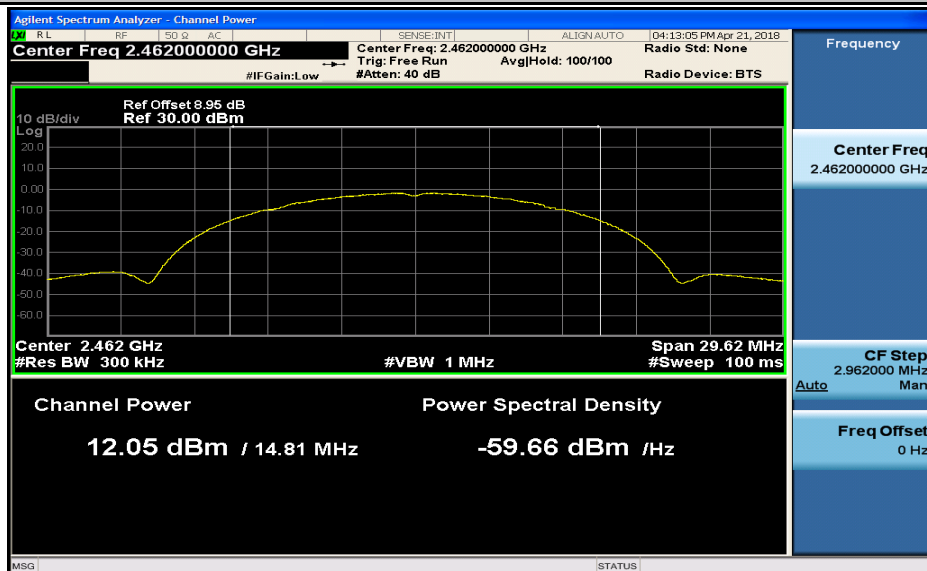
Maximum conducted (average) output power_11B_2412_Ant1



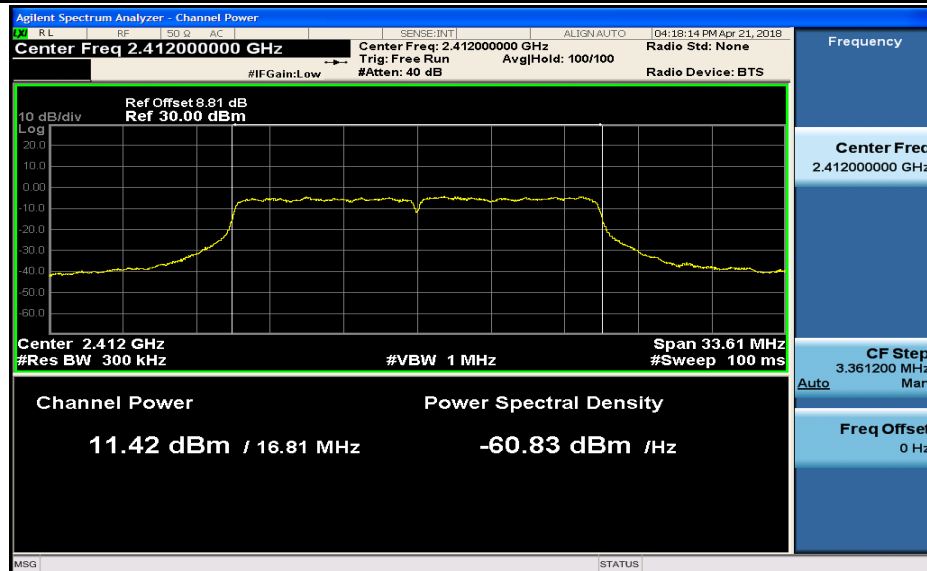
Maximum conducted (average) output power_11B_2437_Ant1



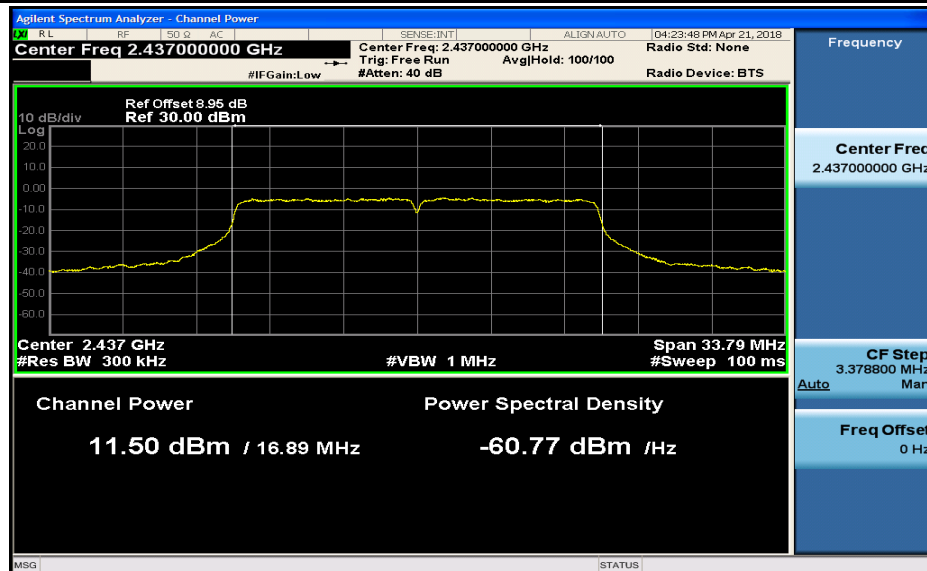
Maximum conducted (average) output power_11B_2462_Ant1



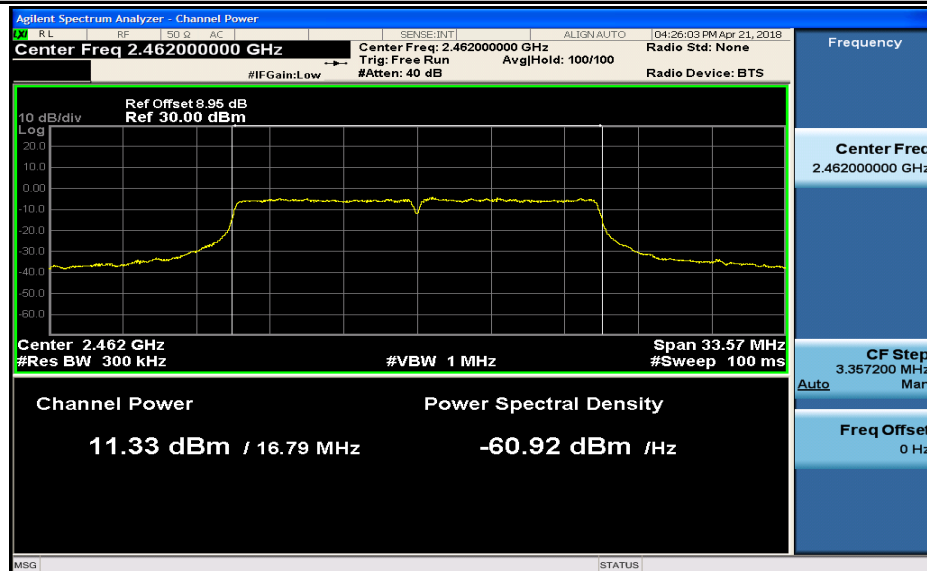
Maximum conducted (average) output power_11G_2412_Ant1



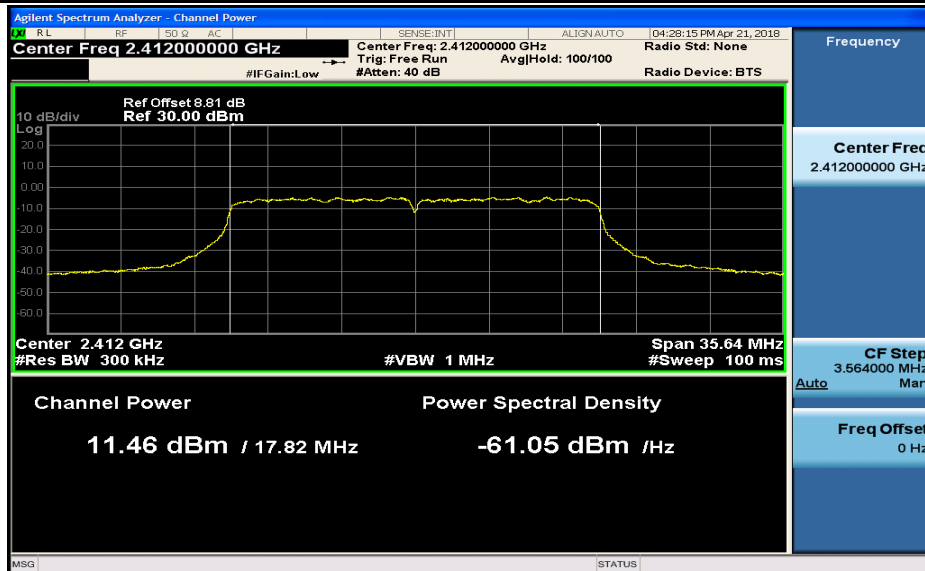
Maximum conducted (average) output power_11G_2437_Ant1



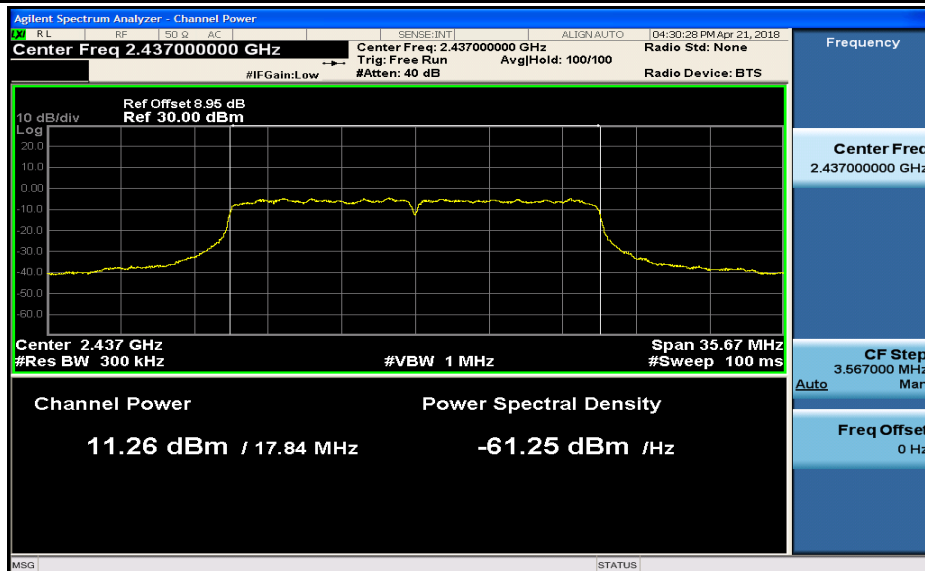
Maximum conducted (average) output power_11G_2462_Ant1



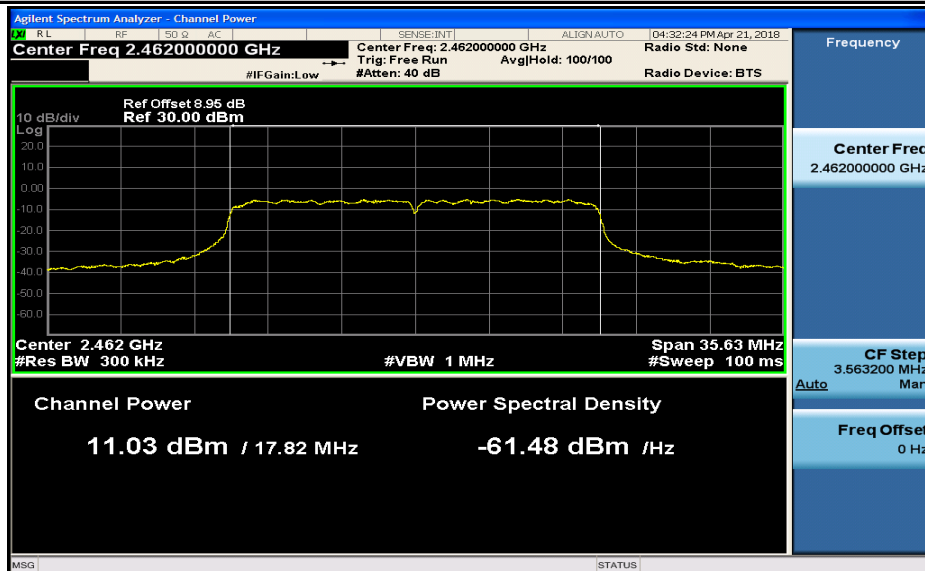
Maximum conducted (average) output power_11N20SISO_2412_Ant1



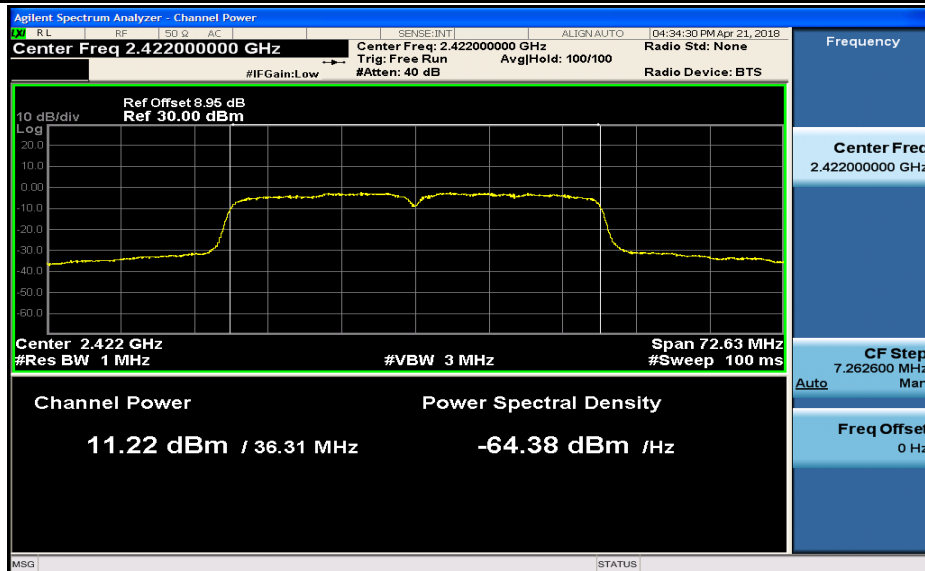
Maximum conducted (average) output power_11N20SISO_2437_Ant1



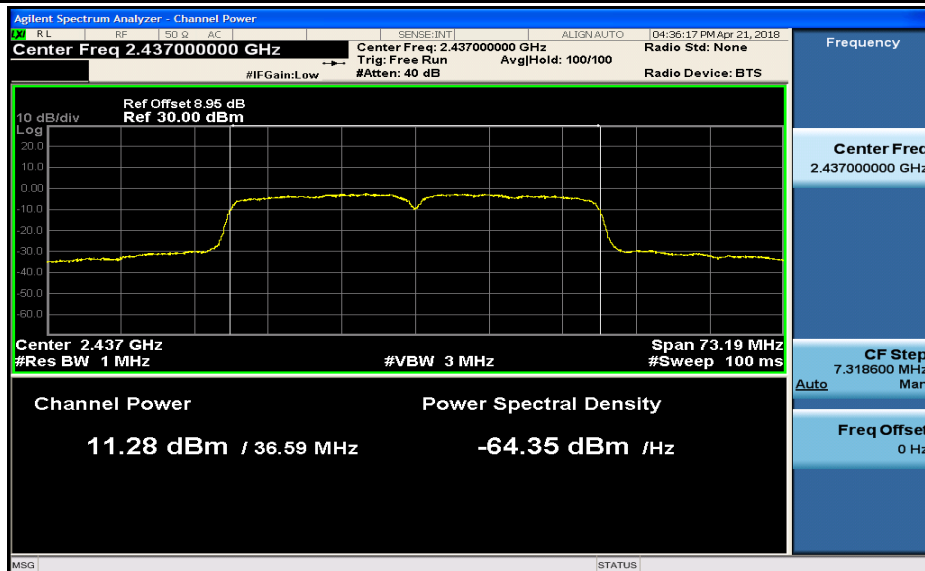
Maximum conducted (average) output power_11N20SISO_2462_Ant1



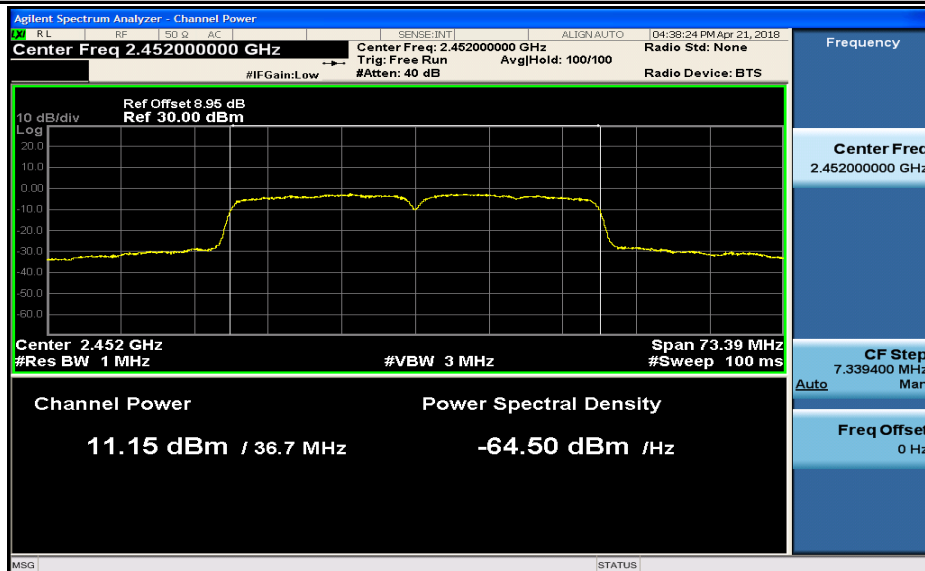
Maximum conducted (average) output power_11N40SISO_2422_Ant1



Maximum conducted (average) output power_11N40SISO_2437_Ant1



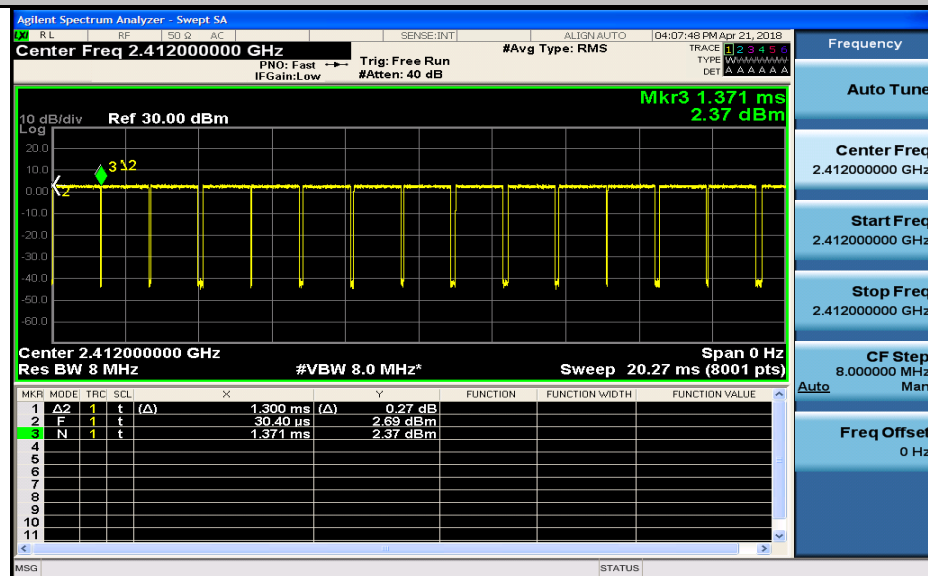
Maximum conducted (average) output power_11N40SISO_2452_Ant1



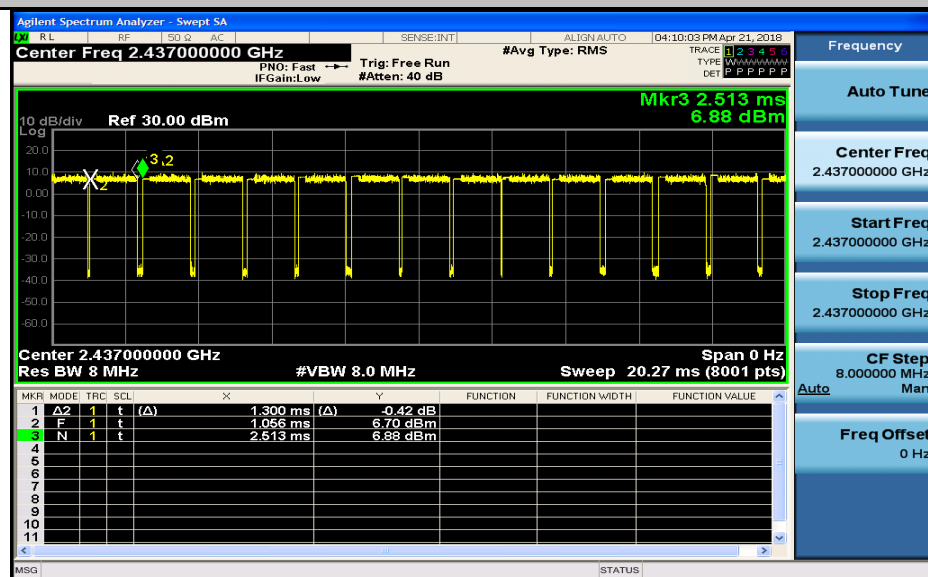
3.Duty Cycle

Test Mode	Test Channel	Ant	Duty Cycle[%]	10log(1/x) Factor[dB]
11B	2412	Ant1	96.98	0.13
11B	2437	Ant1	89.22	0.50
11B	2462	Ant1	95.00	0.22
11G	2412	Ant1	76.19	1.18
11G	2437	Ant1	65.31	1.85
11G	2462	Ant1	71.64	1.45
11N20SISO	2412	Ant1	72.13	1.42
11N20SISO	2437	Ant1	66.67	1.76
11N20SISO	2462	Ant1	66.67	1.76
11N40SISO	2422	Ant1	50.52	2.97
11N40SISO	2437	Ant1	68.06	1.67
11N40SISO	2452	Ant1	42.11	3.76

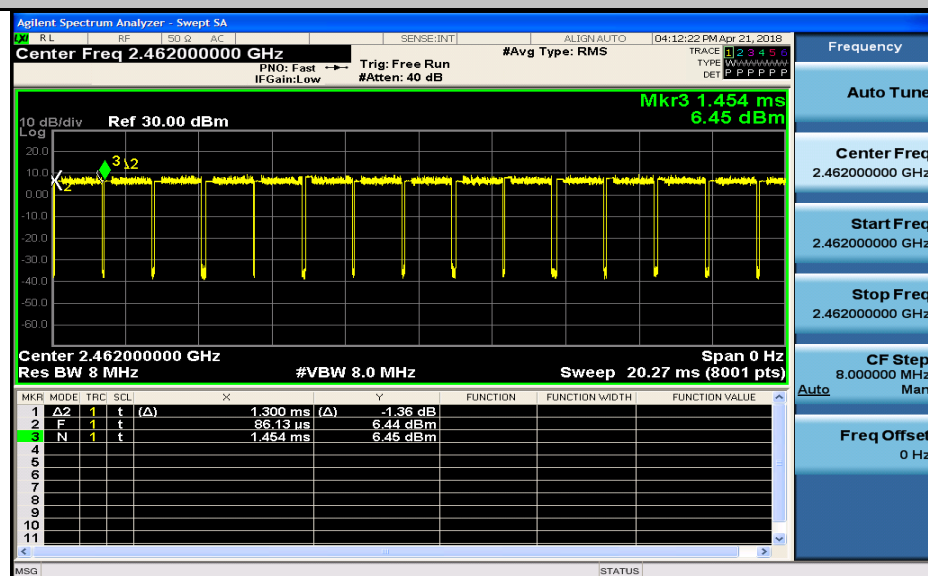
Duty Cycle_11B_2412_Ant1



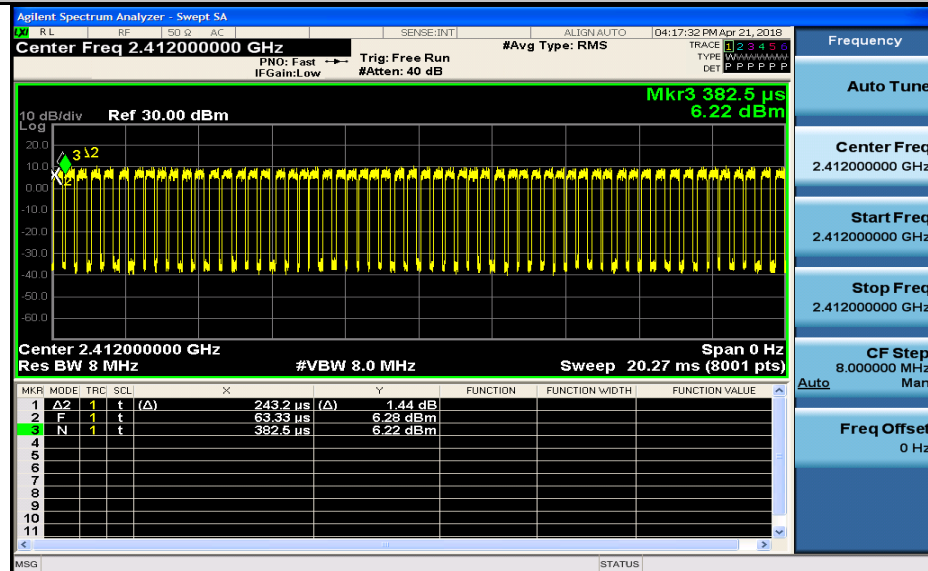
Duty Cycle_11B_2437_Ant1



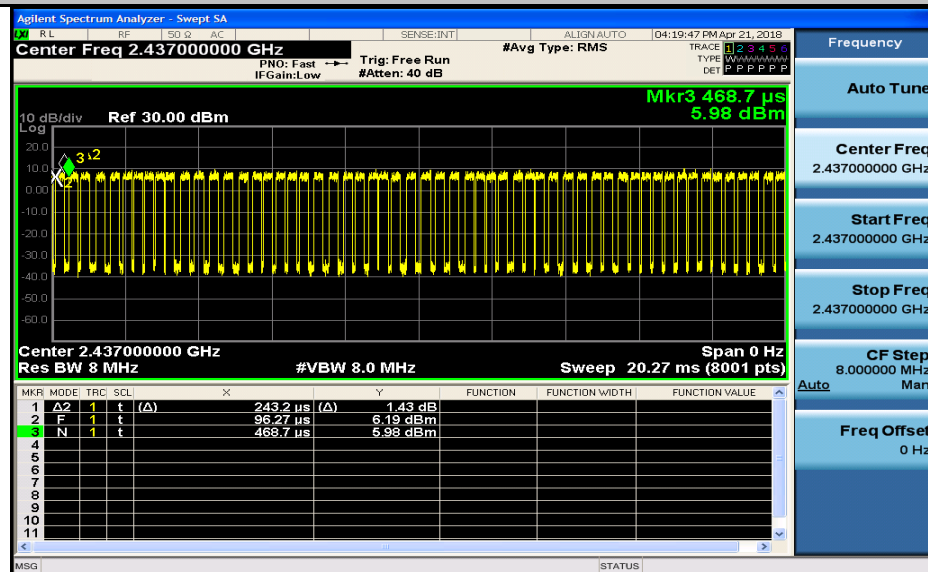
Duty Cycle_11B_2462_Ant1



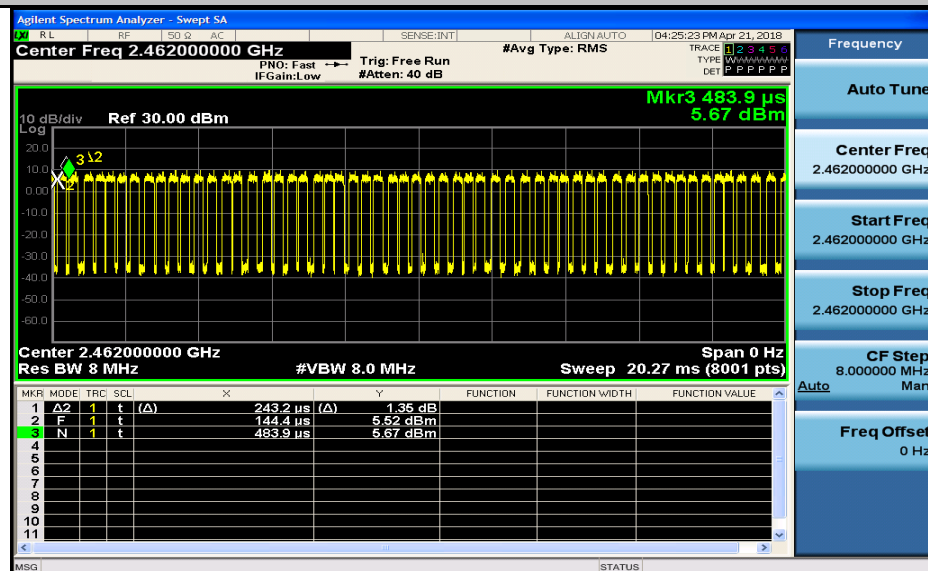
Duty Cycle_11G_2412_Ant1



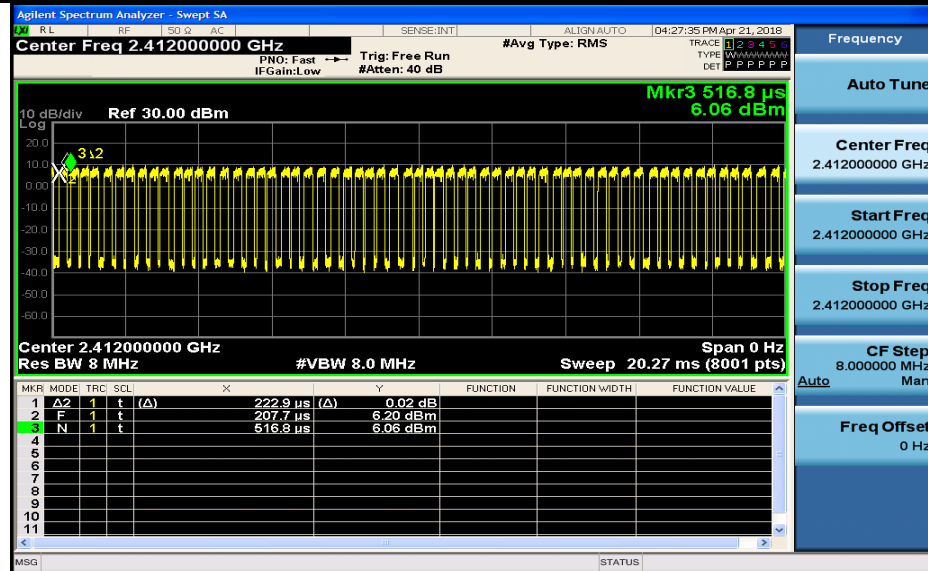
Duty Cycle_11G_2437_Ant1



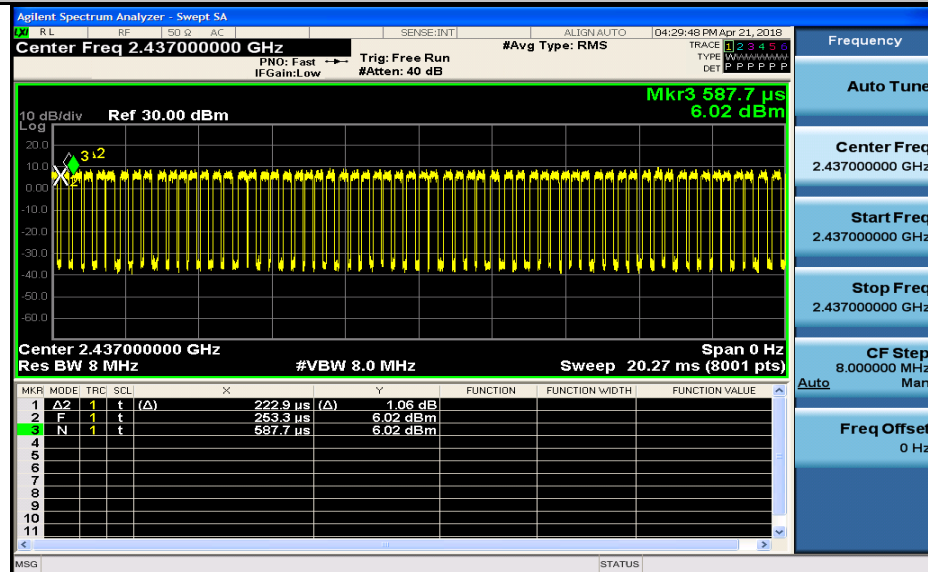
Duty Cycle_11G_2462_Ant1



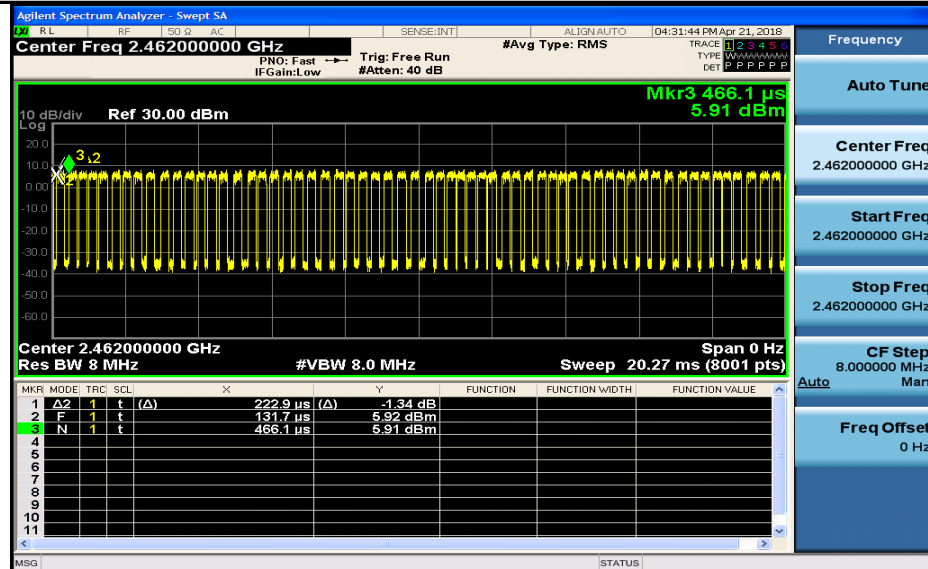
Duty Cycle_11N20SISO_2412_Ant1



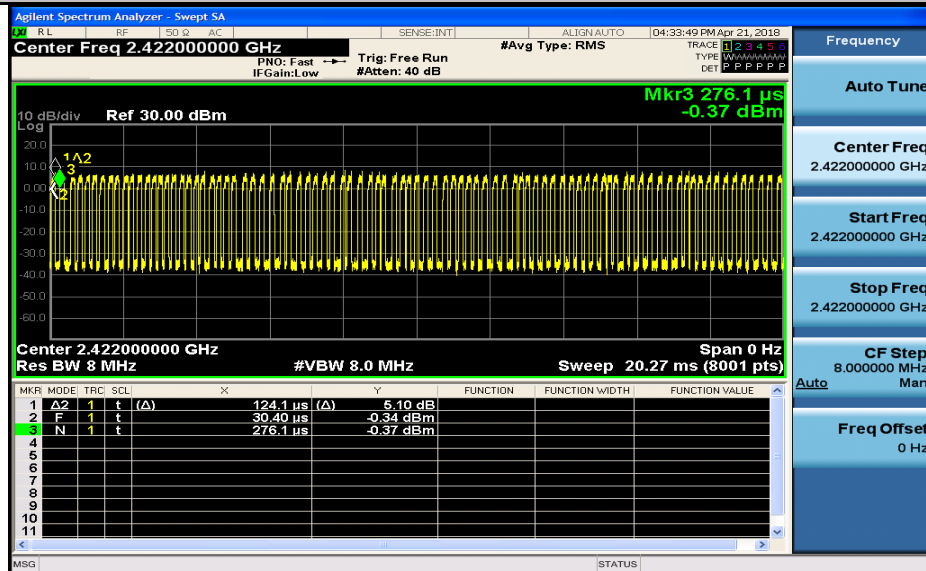
Duty Cycle_11N20SISO_2437_Ant1



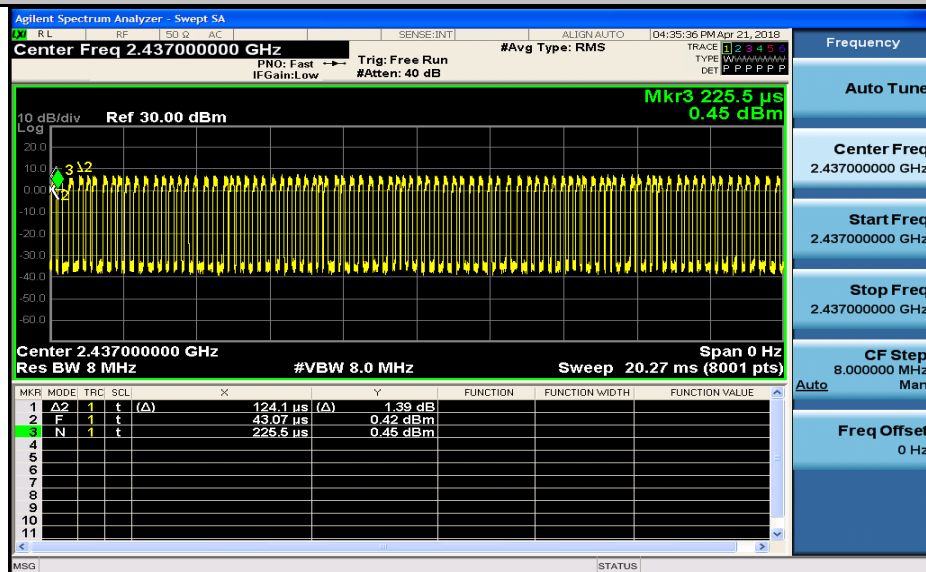
Duty Cycle_11N20SISO_2462_Ant1



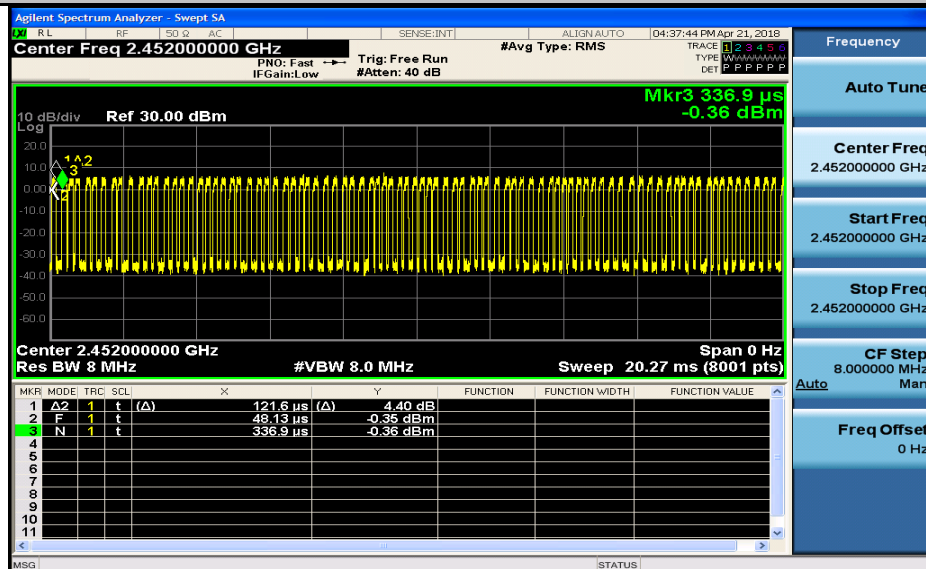
Duty Cycle_11N40SISO_2422_Ant1



Duty Cycle_11N40SISO_2437_Ant1



Duty Cycle_11N40SISO_2452_Ant1



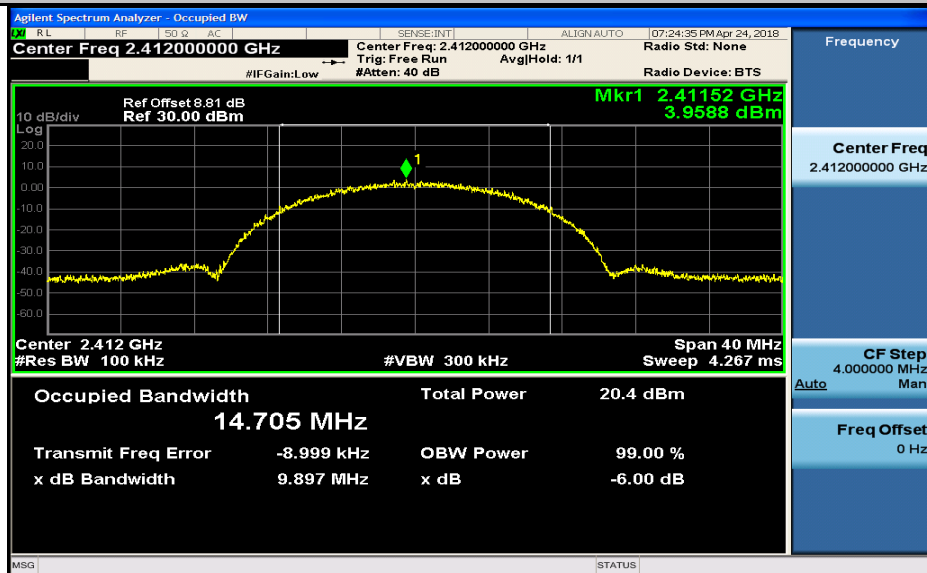


Power: DC 12V

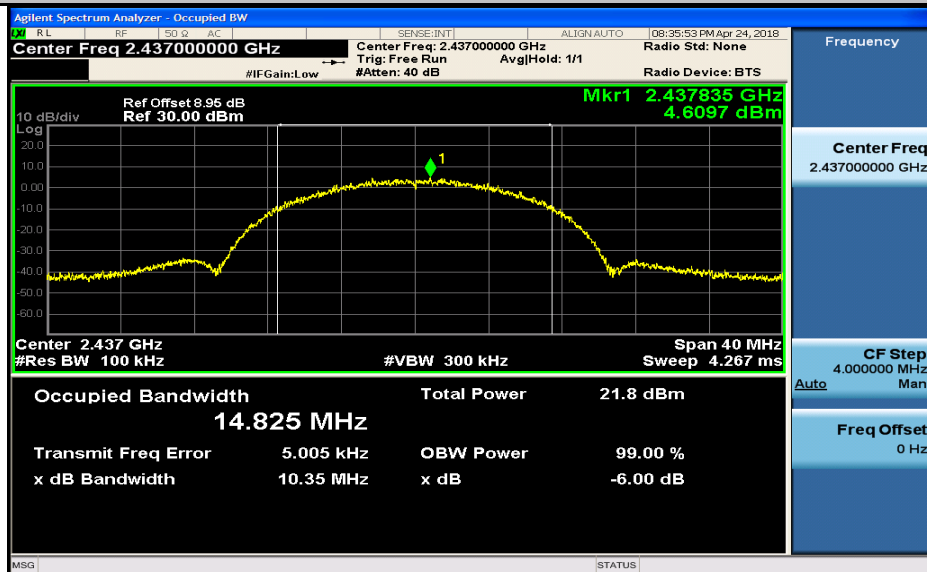
1.6dB Bandwidth

Test Mode	Test Channel	Ant	EBW[MHz]	Limit	Verdict
11B	2412	Ant1	9.90	0.5	PASS
11B	2437	Ant1	10.35	0.5	PASS
11B	2462	Ant1	9.79	0.5	PASS
11G	2412	Ant1	16.46	0.5	PASS
11G	2437	Ant1	16.45	0.5	PASS
11G	2462	Ant1	16.43	0.5	PASS
11N20SISO	2412	Ant1	17.61	0.5	PASS
11N20SISO	2437	Ant1	17.46	0.5	PASS
11N20SISO	2462	Ant1	17.19	0.5	PASS
11N40SISO	2422	Ant1	35.14	0.5	PASS
11N40SISO	2437	Ant1	35.14	0.5	PASS
11N40SISO	2452	Ant1	35.14	0.5	PASS

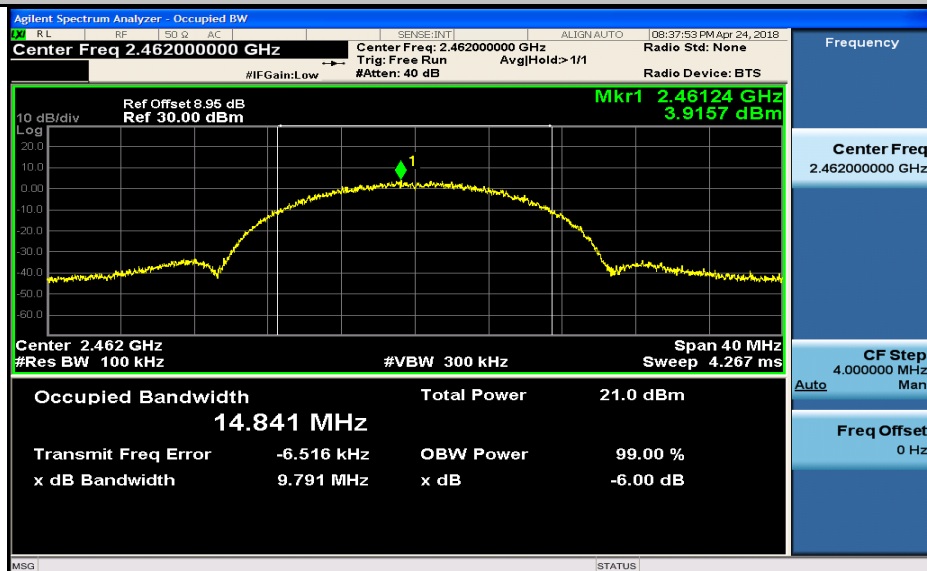
6dB Bandwidth_11B_2412_Ant1



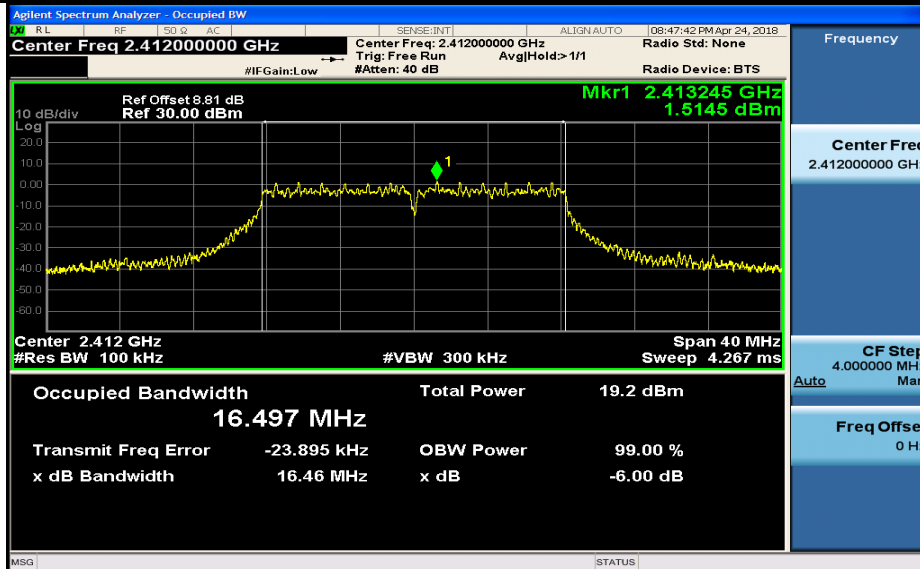
6dB Bandwidth_11B_2437_Ant1



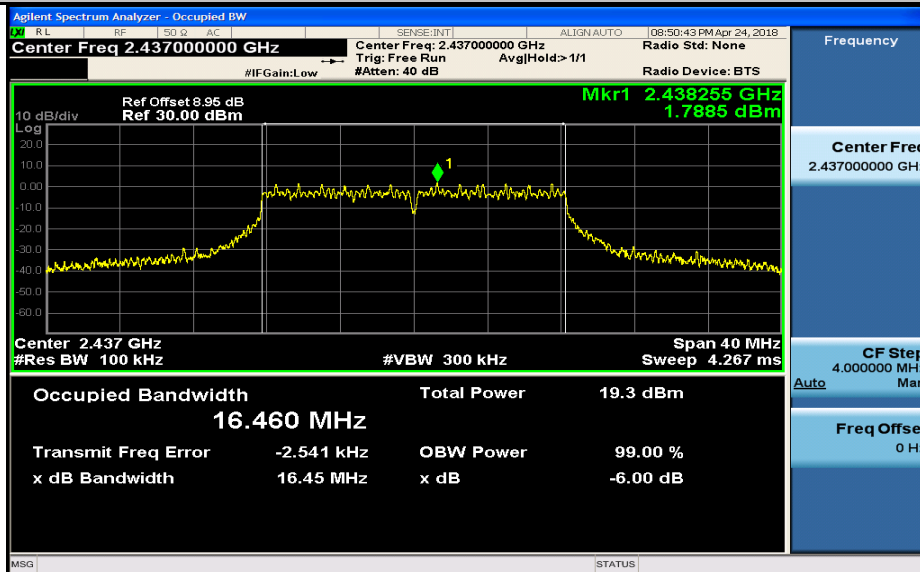
6dB Bandwidth_11B_2462_Ant1



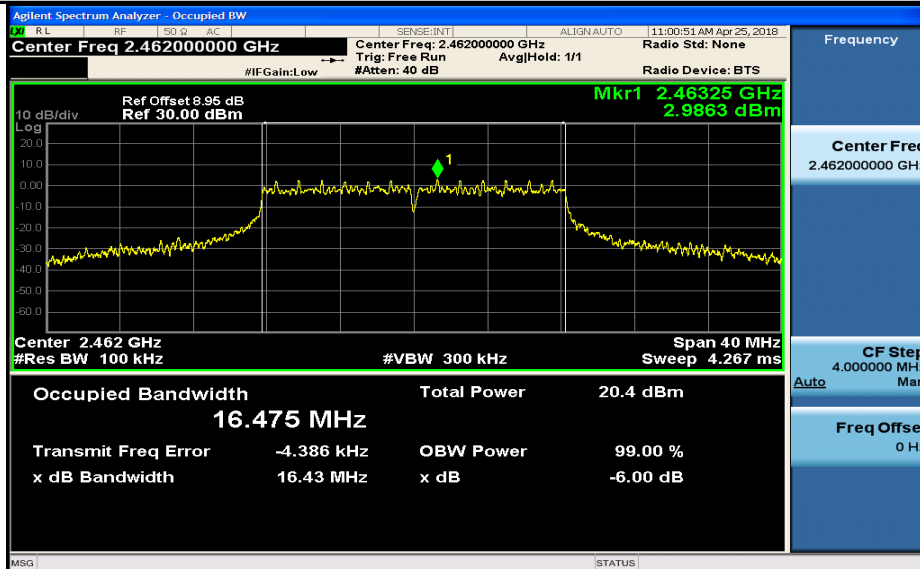
6dB Bandwidth_11G_2412_Ant1



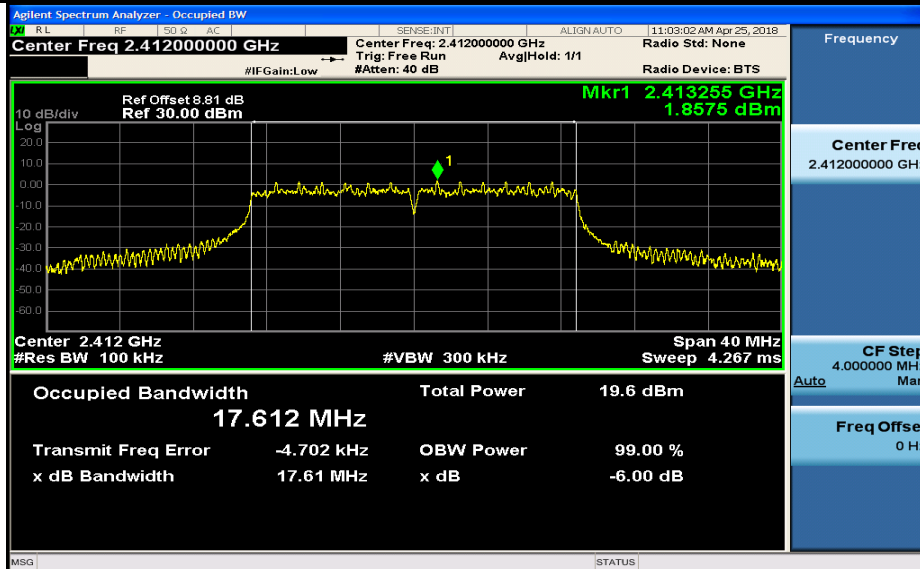
6dB Bandwidth_11G_2437_Ant1



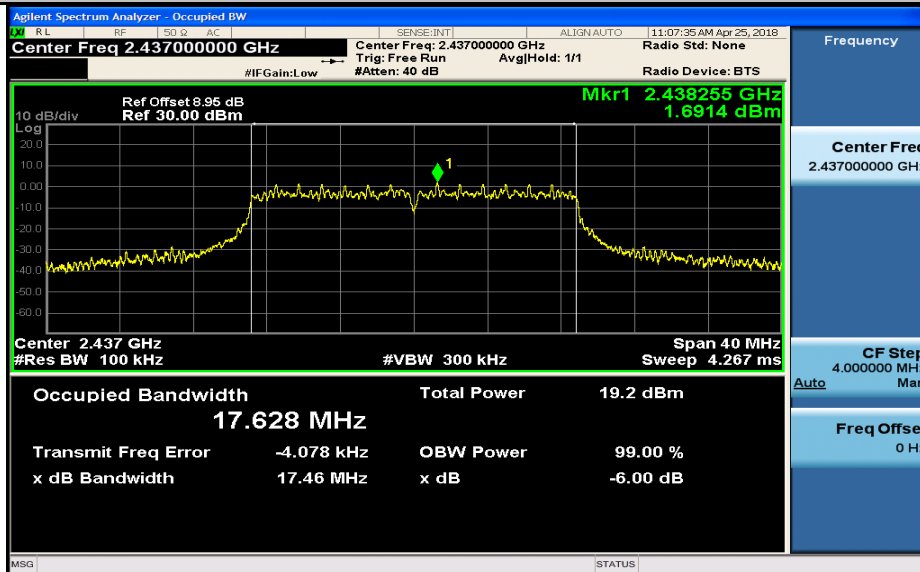
6dB Bandwidth_11G_2462_Ant1



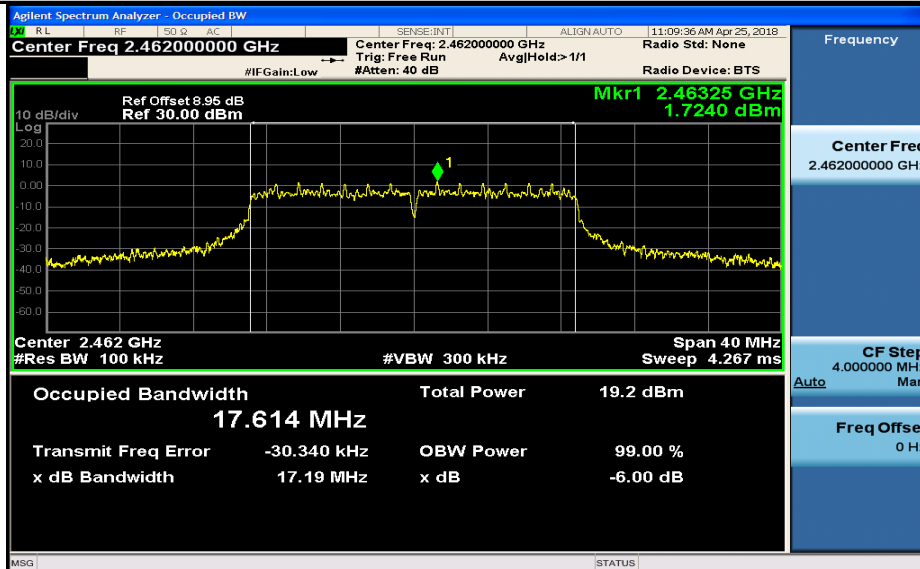
6dB Bandwidth_11N20SISO_2412_Ant1



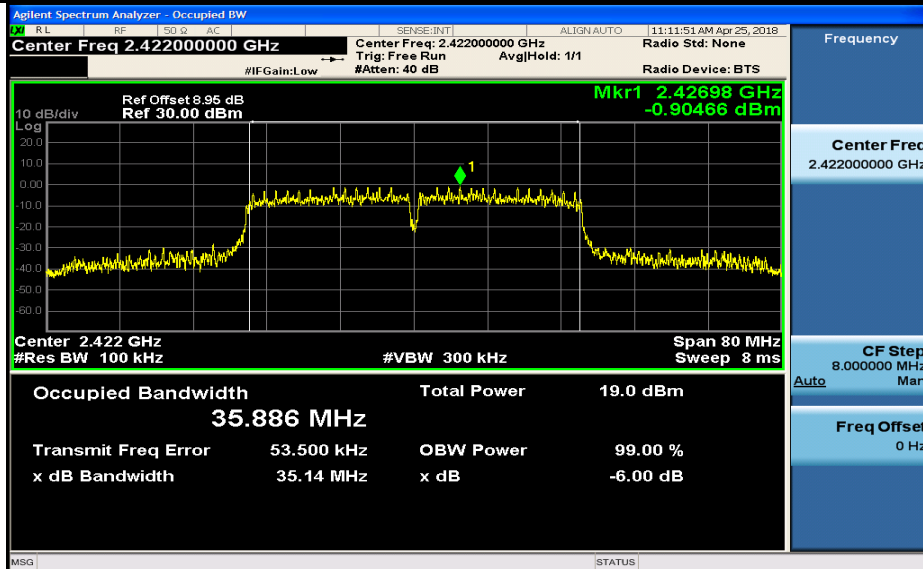
6dB Bandwidth_11N20SISO_2437_Ant1



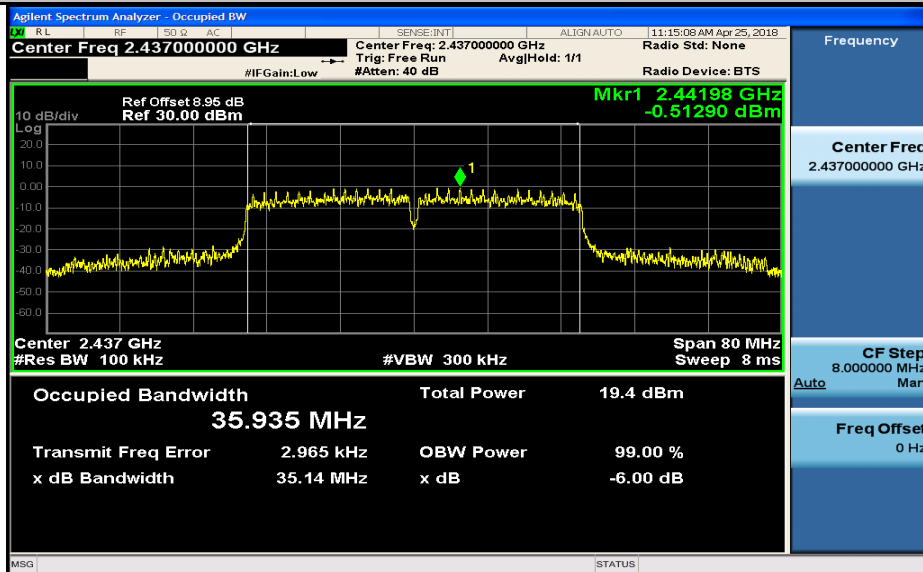
6dB Bandwidth_11N20SISO_2462_Ant1



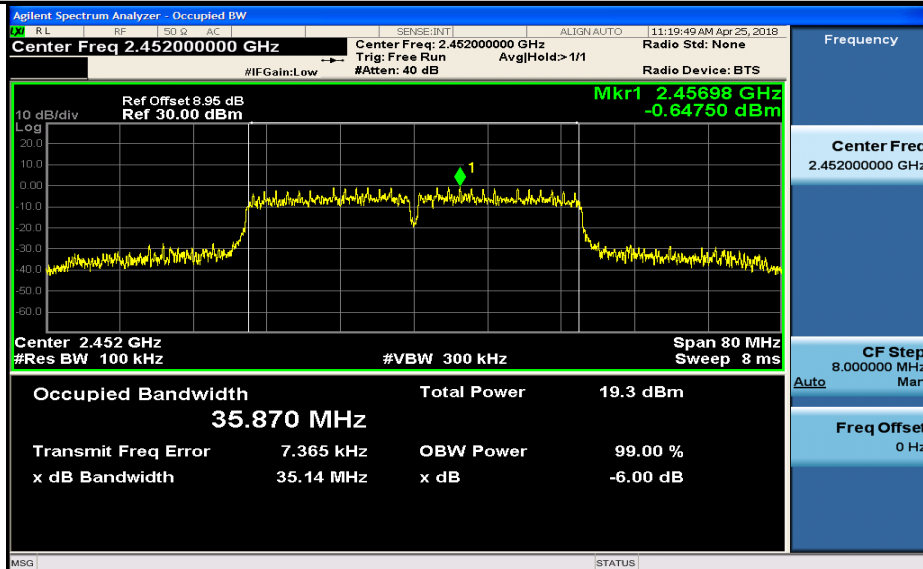
6dB Bandwidth_11N40SISO_2422_Ant1



6dB Bandwidth_11N40SISO_2437_Ant1



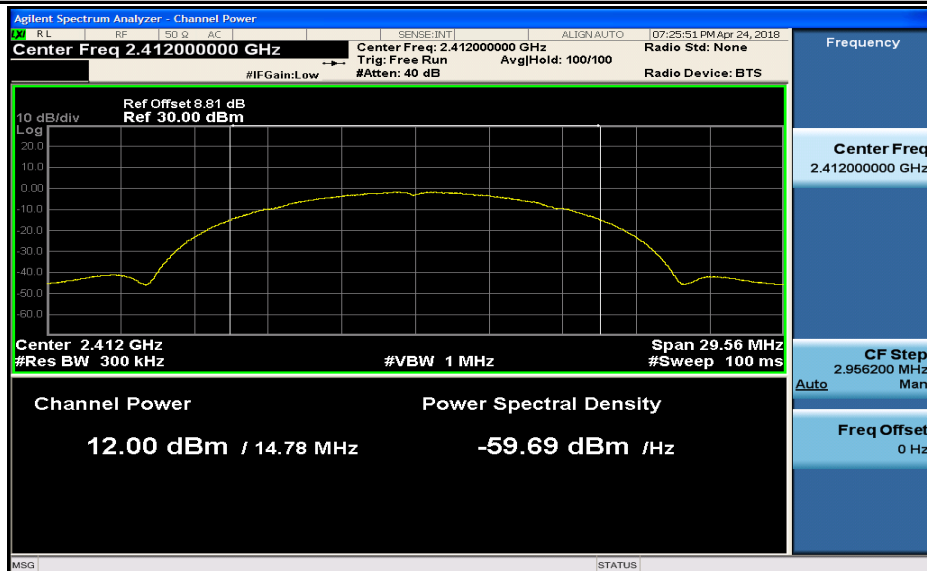
6dB Bandwidth_11N40SISO_2452_Ant1



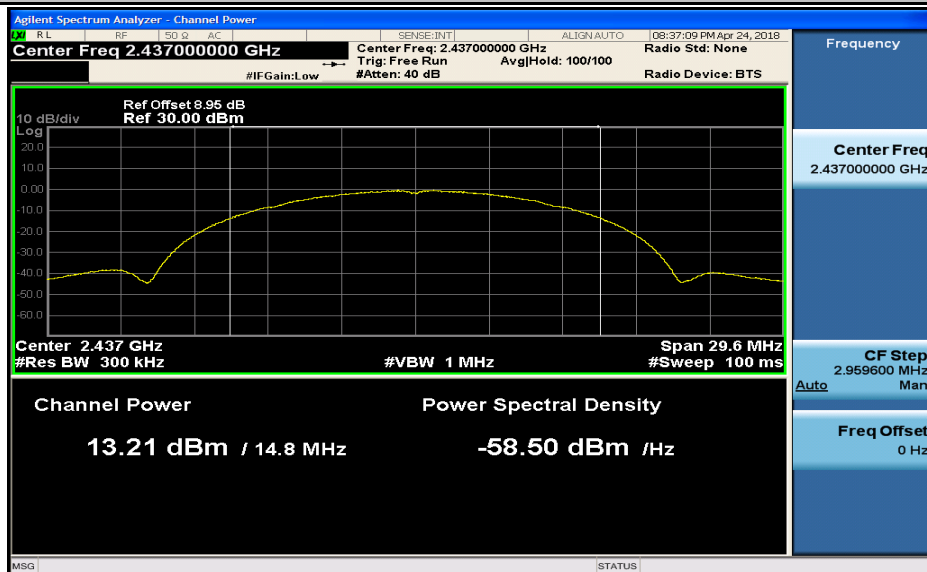
2.Maximum conducted (average) output power

Test Mode	Test Channel	Ant	Level [dBm]	10log(1/x) Factor[dB]	Power [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	12	0.40	12.40	30	PASS
11B	2437	Ant1	13.21	0.53	13.73	30	PASS
11B	2462	Ant1	12.56	0.44	13.00	30	PASS
11G	2412	Ant1	10.96	0.83	11.79	30	PASS
11G	2437	Ant1	11	2.19	13.19	30	PASS
11G	2462	Ant1	11.95	0.67	12.62	30	PASS
11N20SISO	2412	Ant1	11.11	2.02	13.13	30	PASS
11N20SISO	2437	Ant1	10.83	1.56	12.39	30	PASS
11N20SISO	2462	Ant1	10.71	2.43	13.14	30	PASS
11N40SISO	2422	Ant1	9.96	3.70	13.66	30	PASS
11N40SISO	2437	Ant1	10.38	1.94	12.32	30	PASS
11N40SISO	2452	Ant1	10.19	3.48	13.67	30	PASS

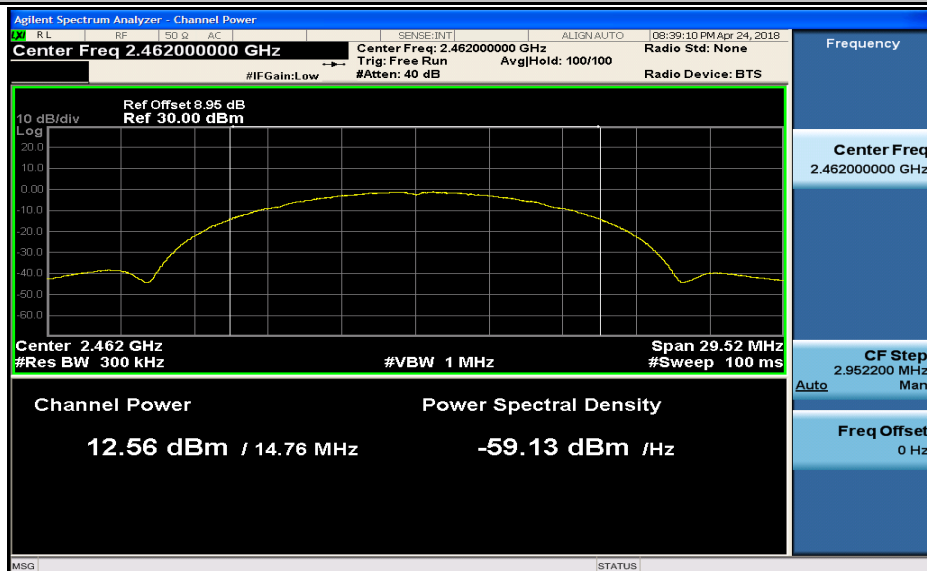
Maximum conducted (average) output power_11B_2412_Ant1



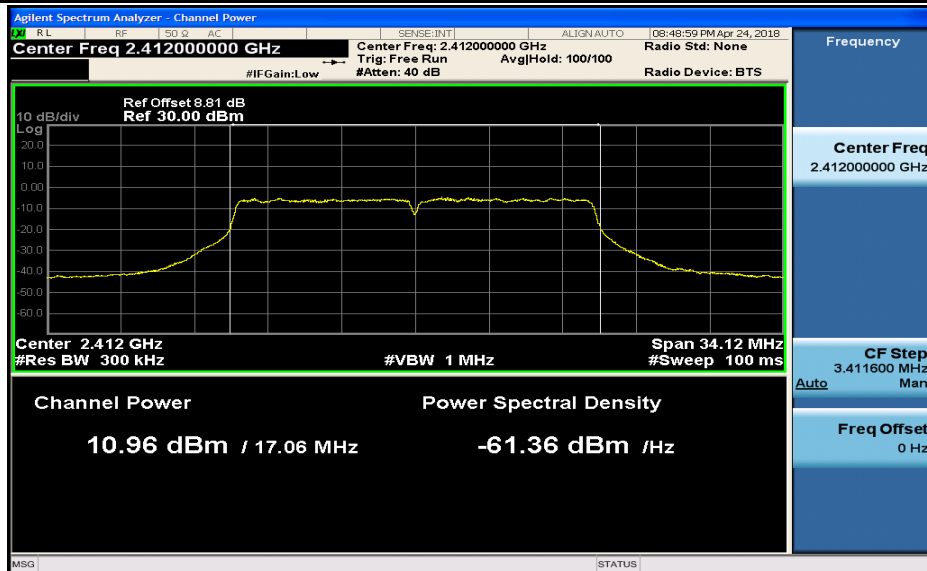
Maximum conducted (average) output power_11B_2437_Ant1



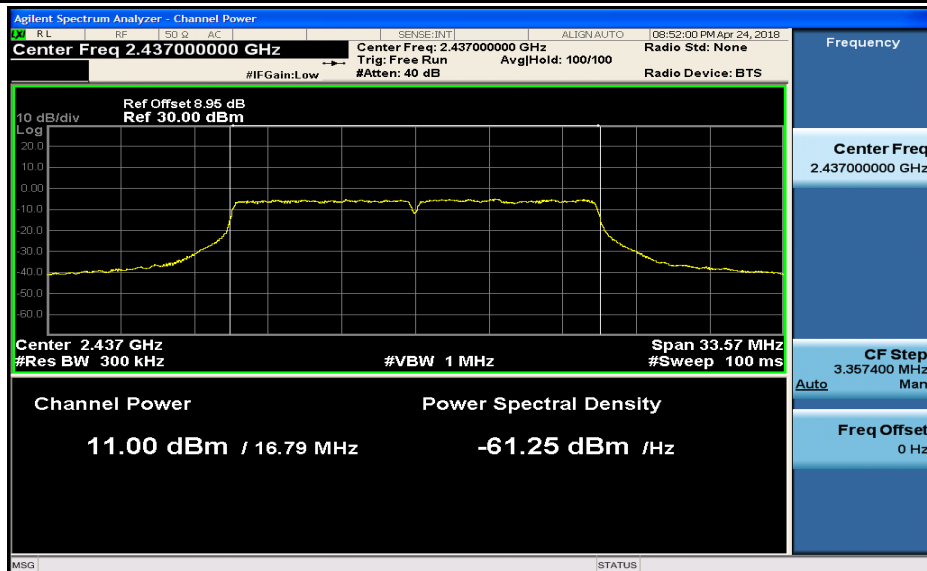
Maximum conducted (average) output power_11B_2462_Ant1



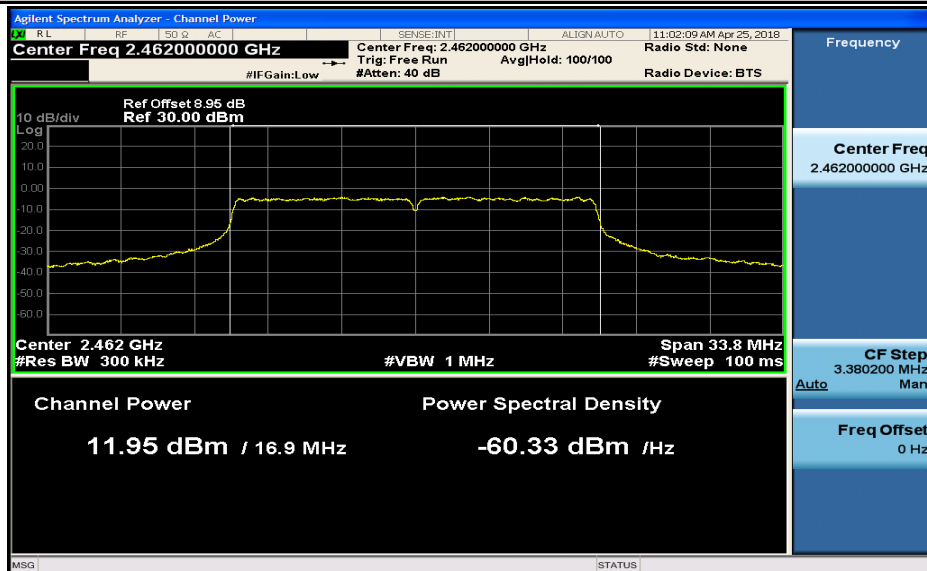
Maximum conducted (average) output power_11G_2412_Ant1



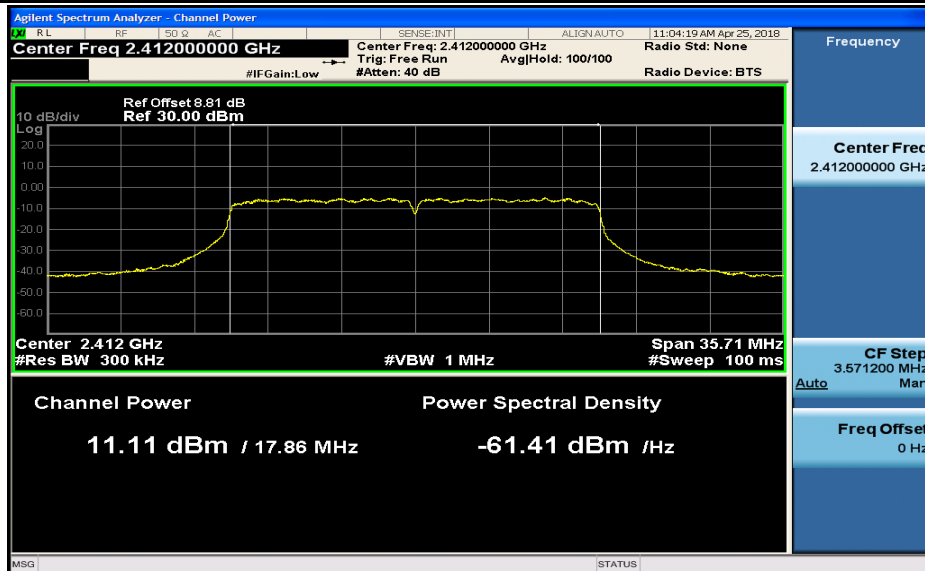
Maximum conducted (average) output power_11G_2437_Ant1



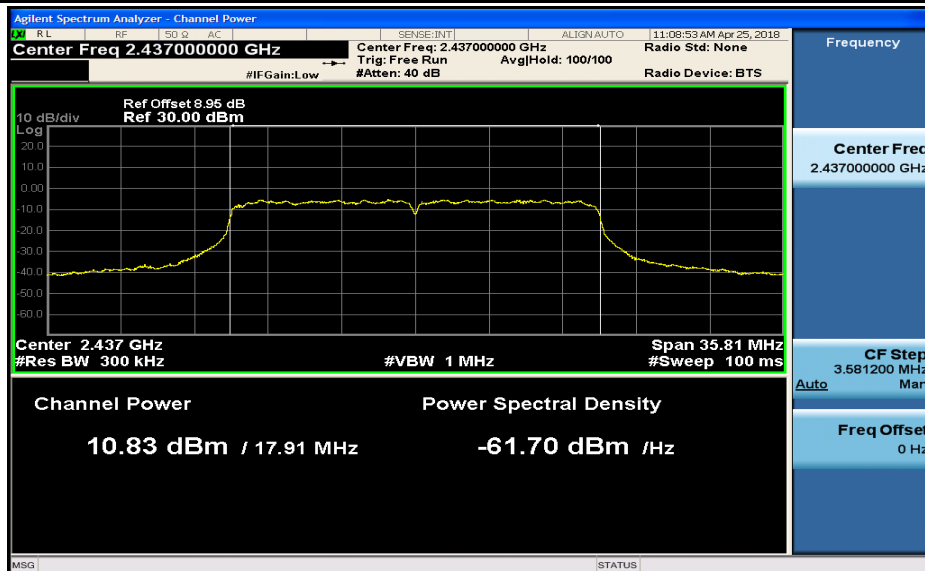
Maximum conducted (average) output power_11G_2462_Ant1



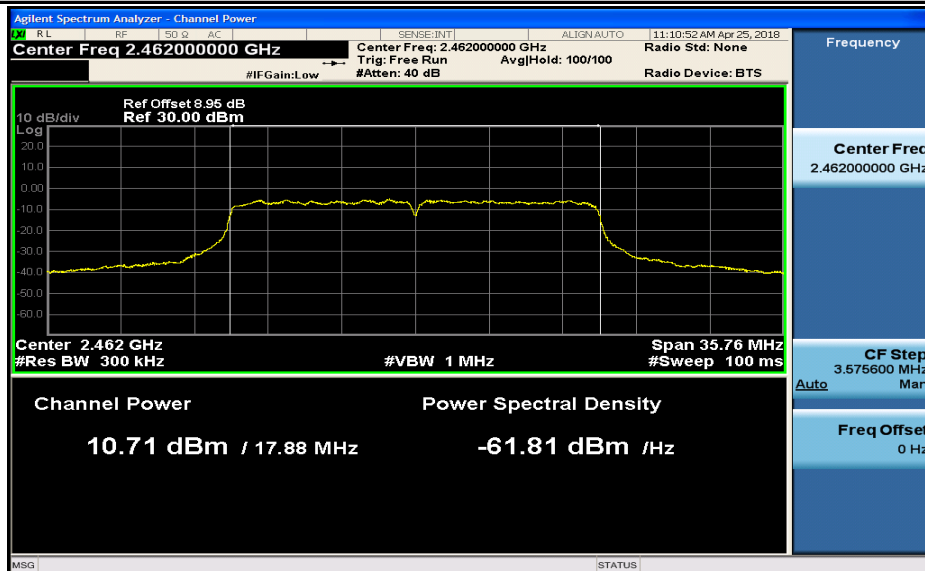
Maximum conducted (average) output power_11N20SISO_2412_Ant1



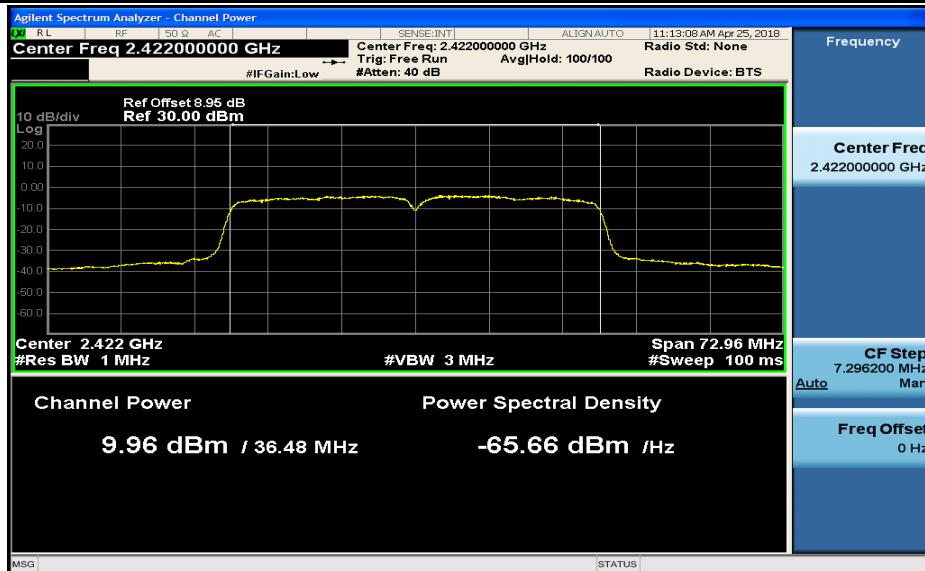
Maximum conducted (average) output power_11N20SISO_2437_Ant1



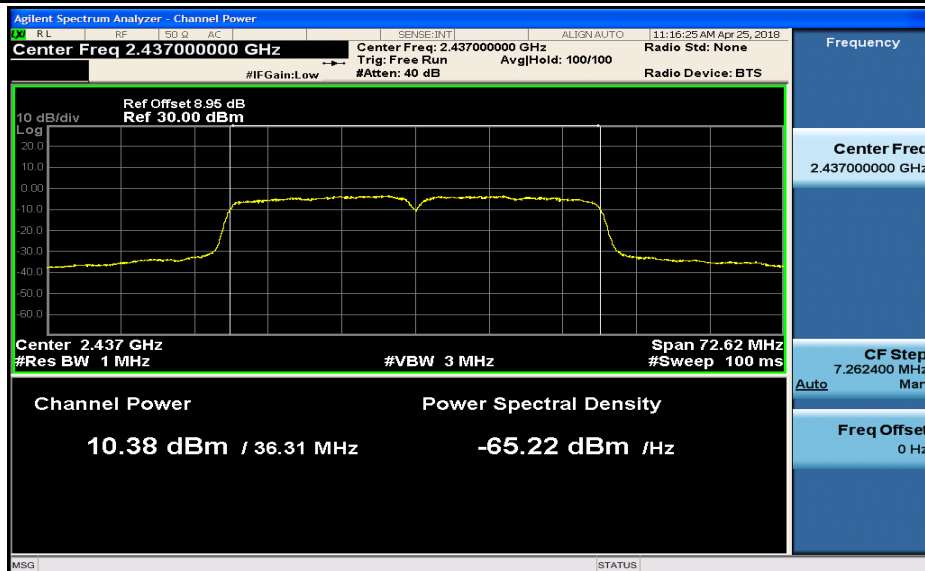
Maximum conducted (average) output power_11N20SISO_2462_Ant1



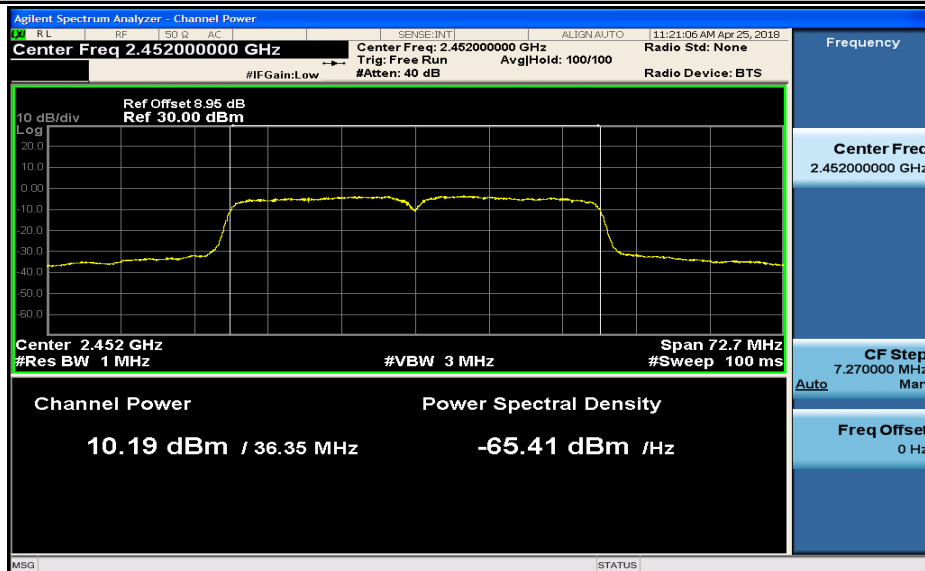
Maximum conducted (average) output power_11N40SISO_2422_Ant1



Maximum conducted (average) output power_11N40SISO_2437_Ant1



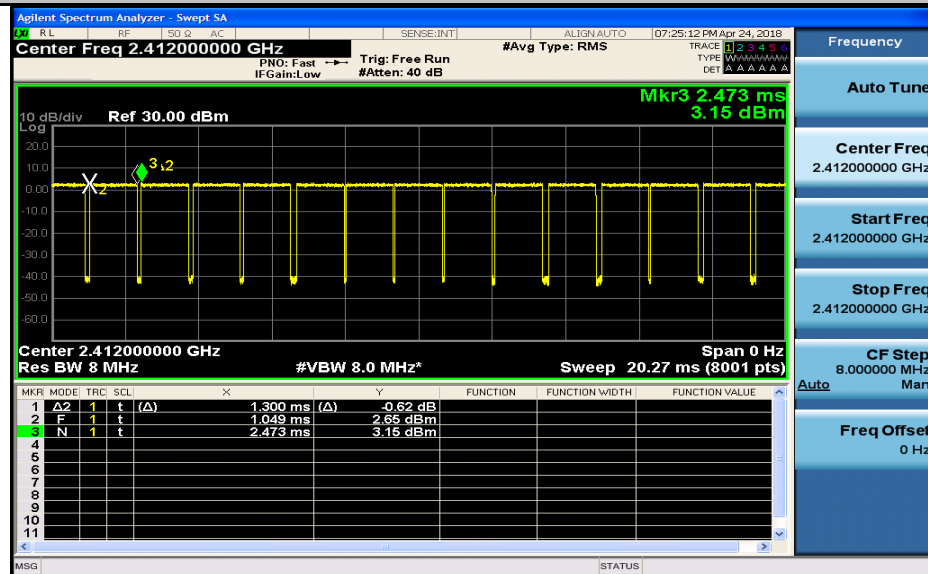
Maximum conducted (average) output power_11N40SISO_2452_Ant1



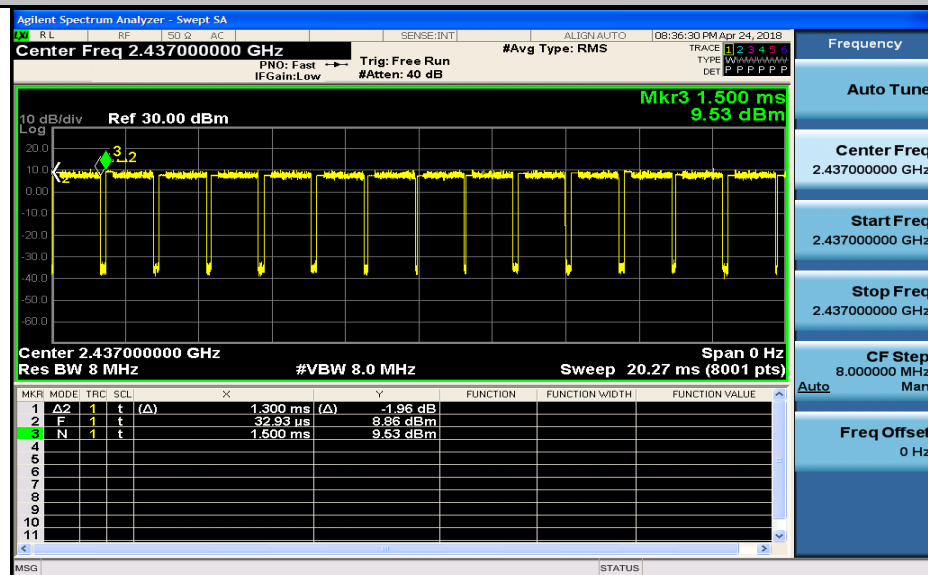
3.Duty Cycle

Test Mode	Test Channel	Ant	Duty Cycle[%]	10log(1/x) Factor[dB]
11B	2412	Ant1	91.28	0.40
11B	2437	Ant1	88.60	0.53
11B	2462	Ant1	90.32	0.44
11G	2412	Ant1	82.61	0.83
11G	2437	Ant1	60.38	2.19
11G	2462	Ant1	85.71	0.67
11N20SISO	2412	Ant1	62.86	2.02
11N20SISO	2437	Ant1	69.84	1.56
11N20SISO	2462	Ant1	57.14	2.43
11N40SISO	2422	Ant1	42.61	3.70
11N40SISO	2437	Ant1	64.00	1.94
11N40SISO	2452	Ant1	44.86	3.48

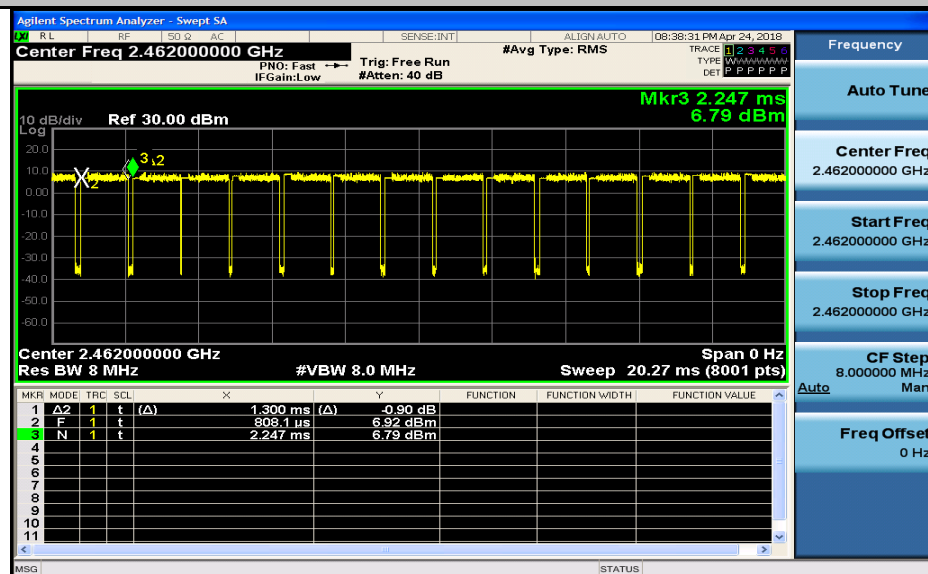
Duty Cycle_11B_2412_Ant1



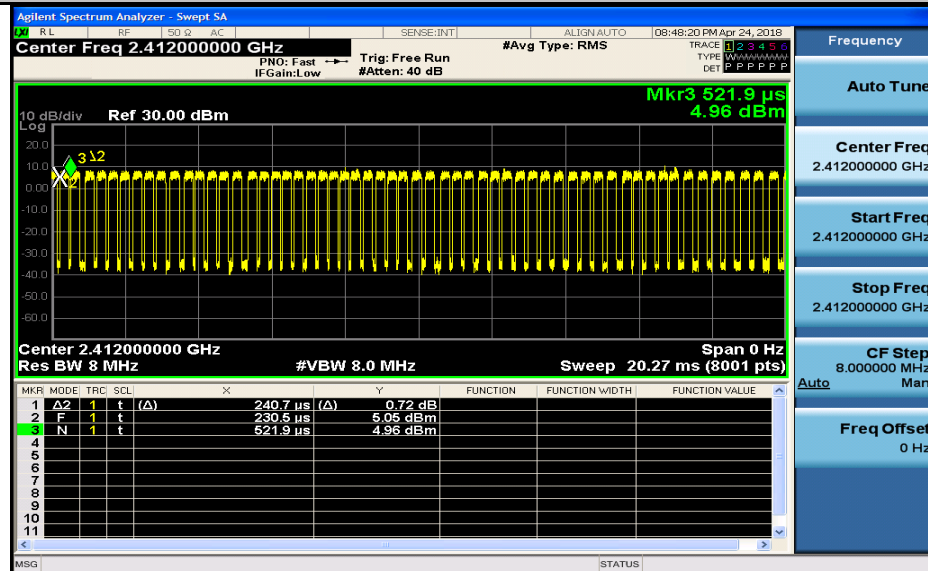
Duty Cycle_11B_2437_Ant1



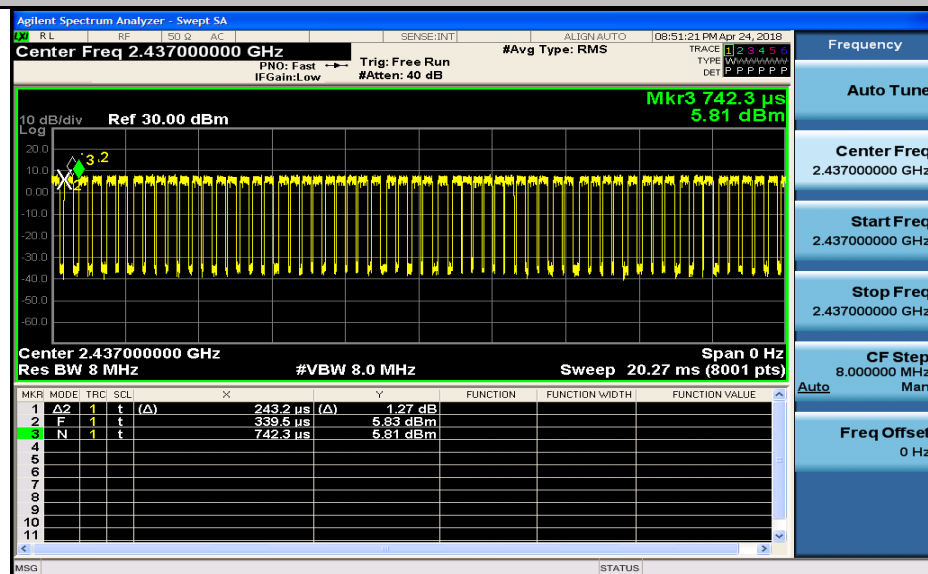
Duty Cycle_11B_2462_Ant1



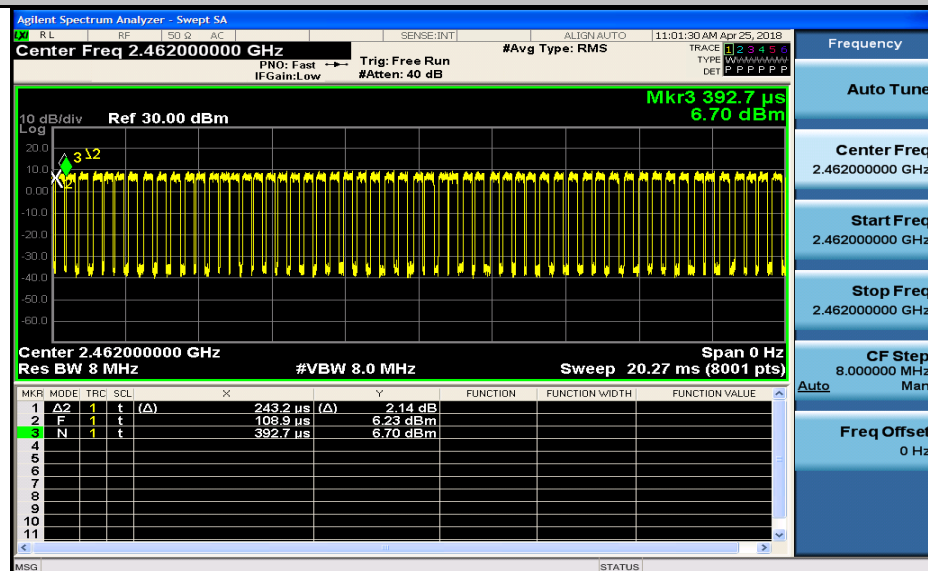
Duty Cycle_11G_2412_Ant1



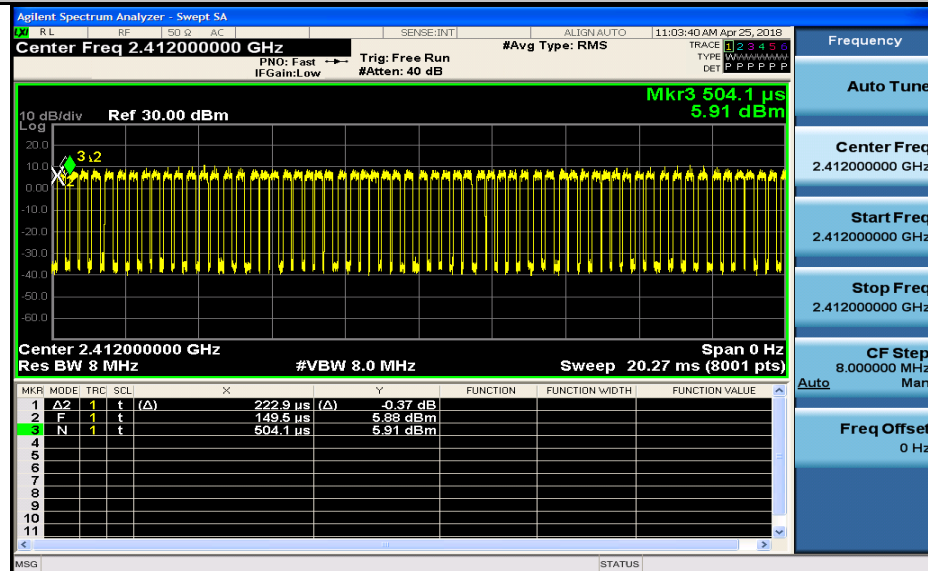
Duty Cycle_11G_2437_Ant1



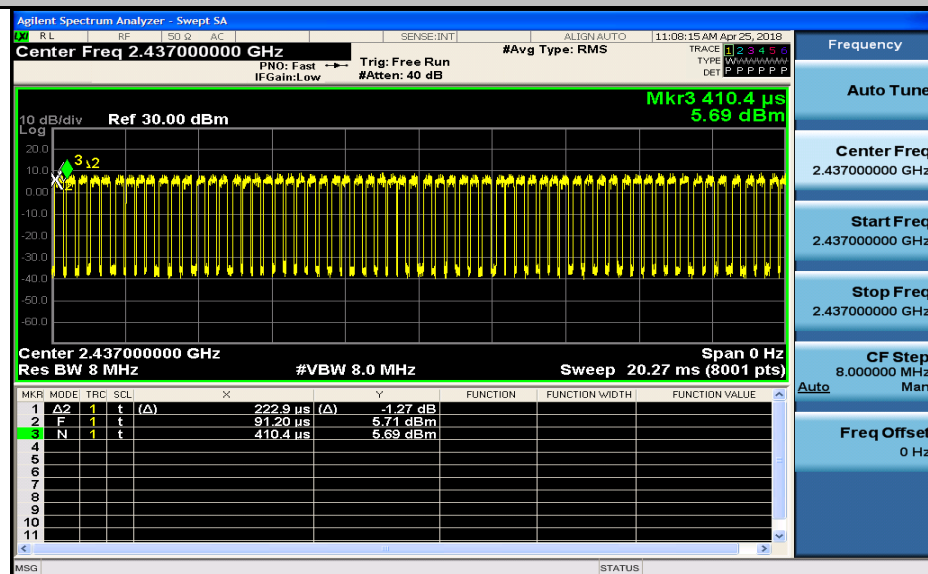
Duty Cycle_11G_2462_Ant1



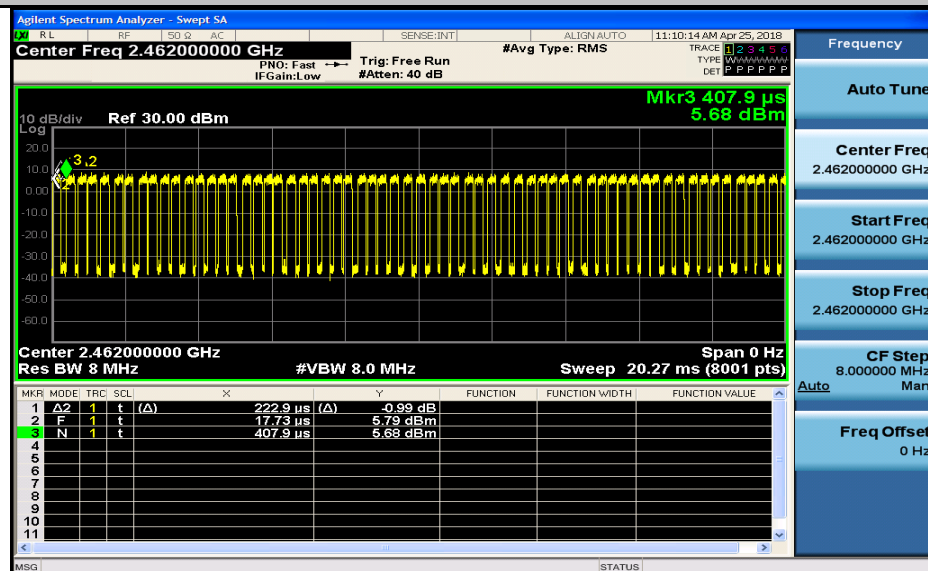
Duty Cycle_11N20SISO_2412_Ant1



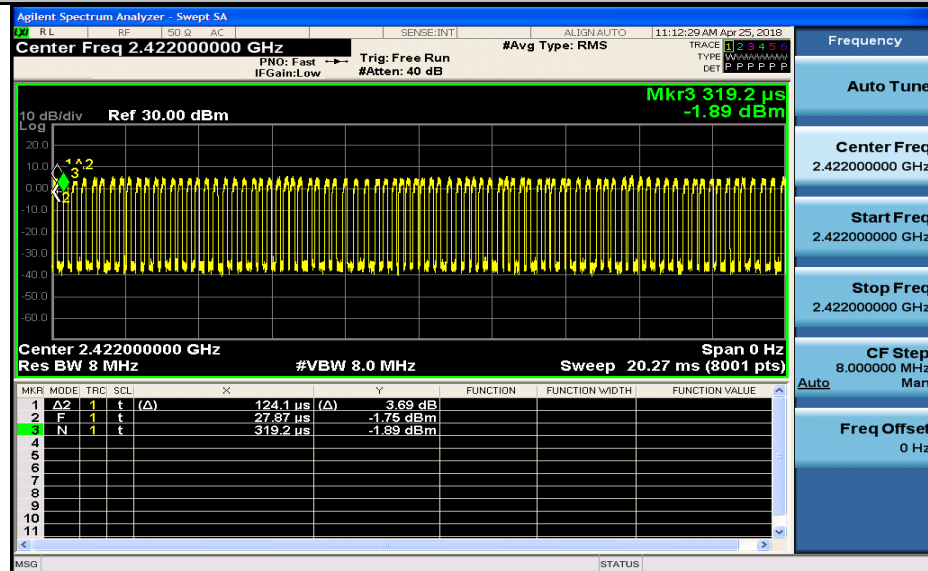
Duty Cycle_11N20SISO_2437_Ant1



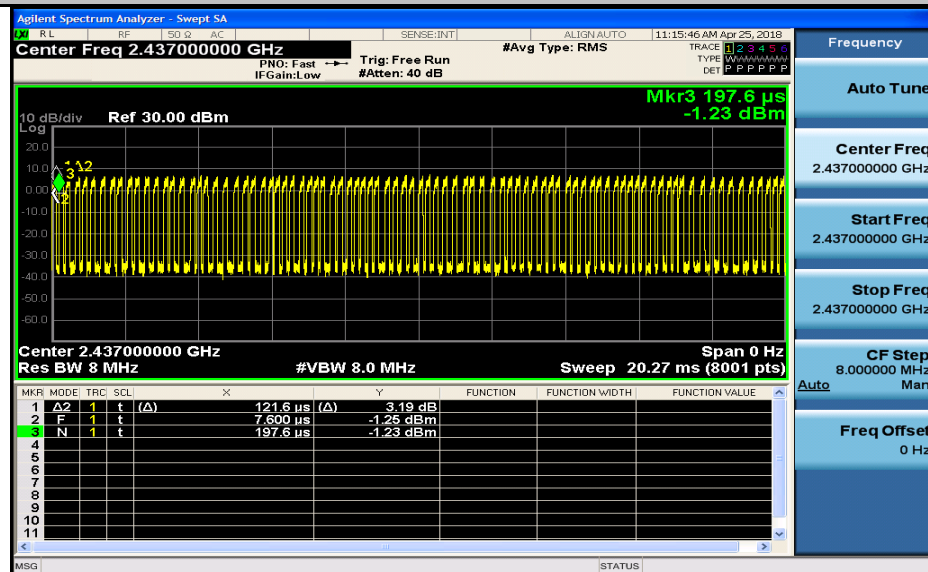
Duty Cycle_11N20SISO_2462_Ant1



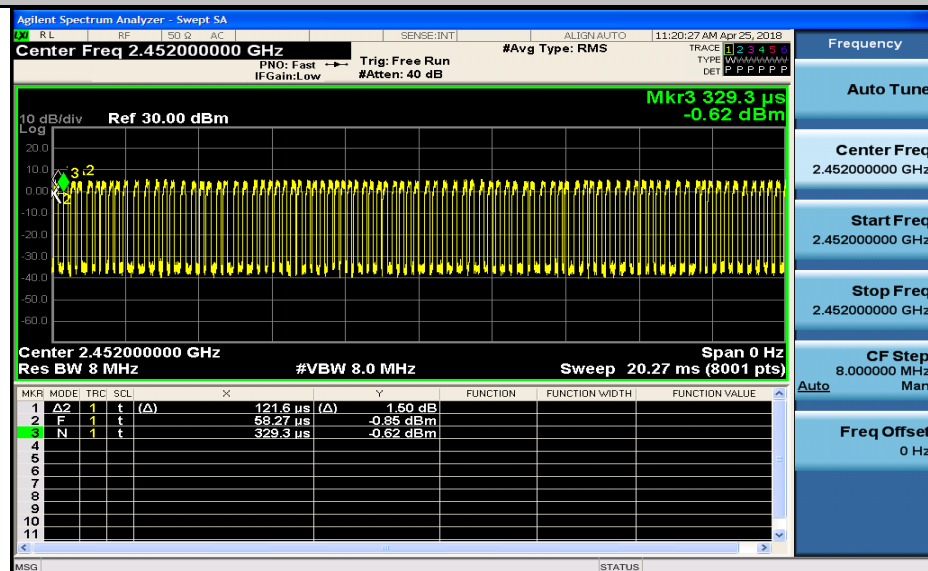
Duty Cycle_11N40SISO_2422_Ant1



Duty Cycle_11N40SISO_2437_Ant1



Duty Cycle_11N40SISO_2452_Ant1





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