

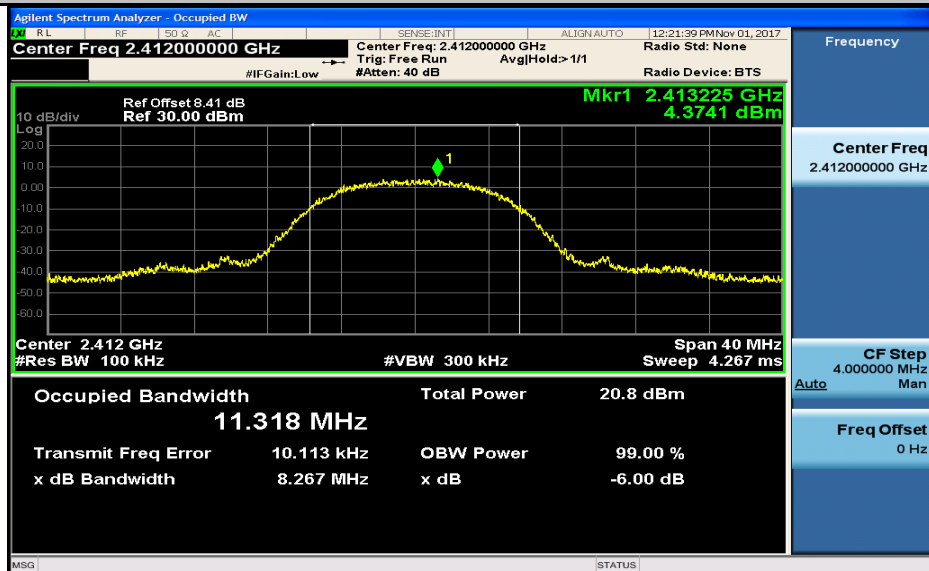


Appendix A for SZEM171001064203

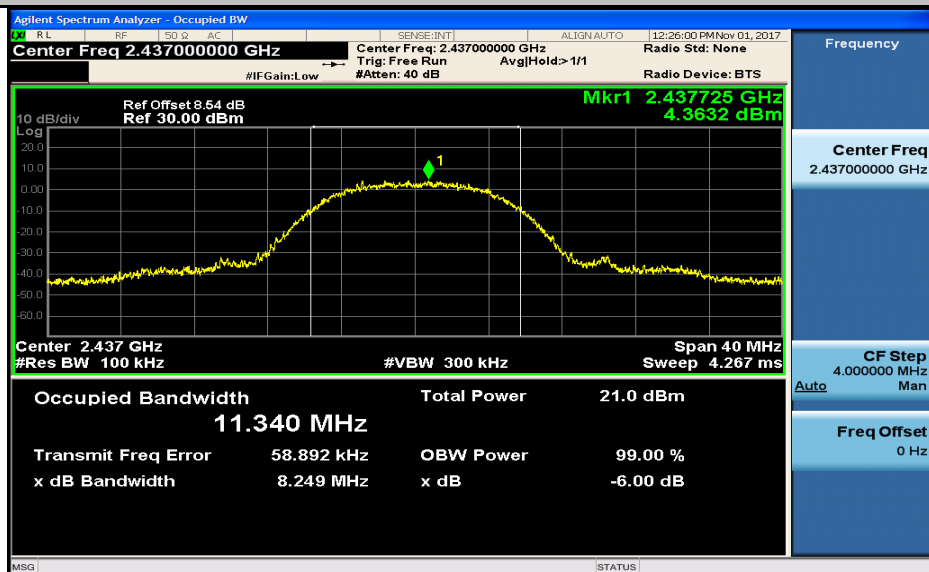
1.6dB Bandwidth

Test Mode	Test Channel	Ant	EBW[MHz]	Limit	Verdict
11B	2412	Ant1	8.267	0.5	PASS
11B	2437	Ant1	8.249	0.5	PASS
11B	2462	Ant1	8.122	0.5	PASS
11G	2412	Ant1	16.28	0.5	PASS
11G	2437	Ant1	15.97	0.5	PASS
11G	2462	Ant1	15.90	0.5	PASS
11N20SISO	2412	Ant1	17.69	0.5	PASS
11N20SISO	2437	Ant1	17.63	0.5	PASS
11N20SISO	2462	Ant1	17.27	0.5	PASS
11N40SISO	2422	Ant1	36.31	0.5	PASS
11N40SISO	2437	Ant1	36.02	0.5	PASS
11N40SISO	2452	Ant1	35.75	0.5	PASS

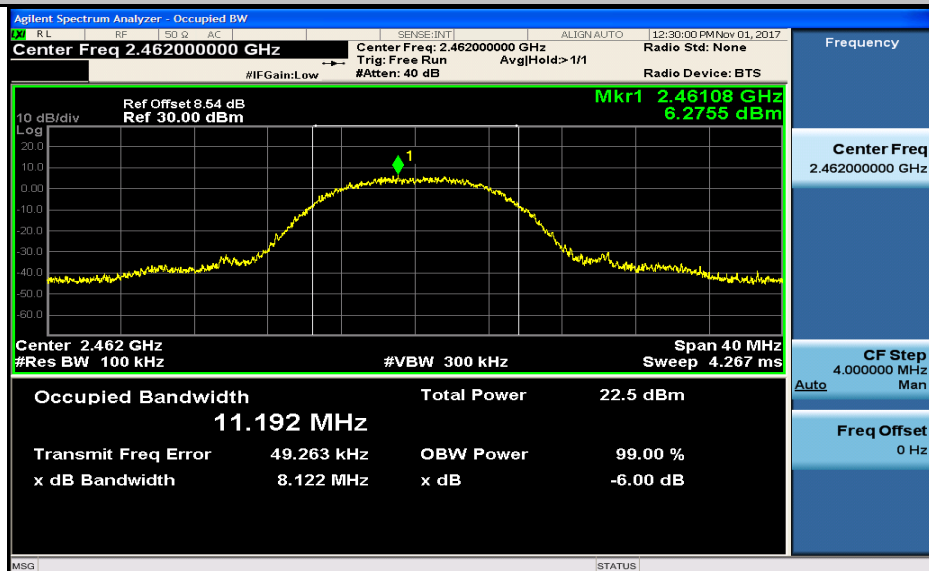
6dB Bandwidth_11B_2412_Ant1



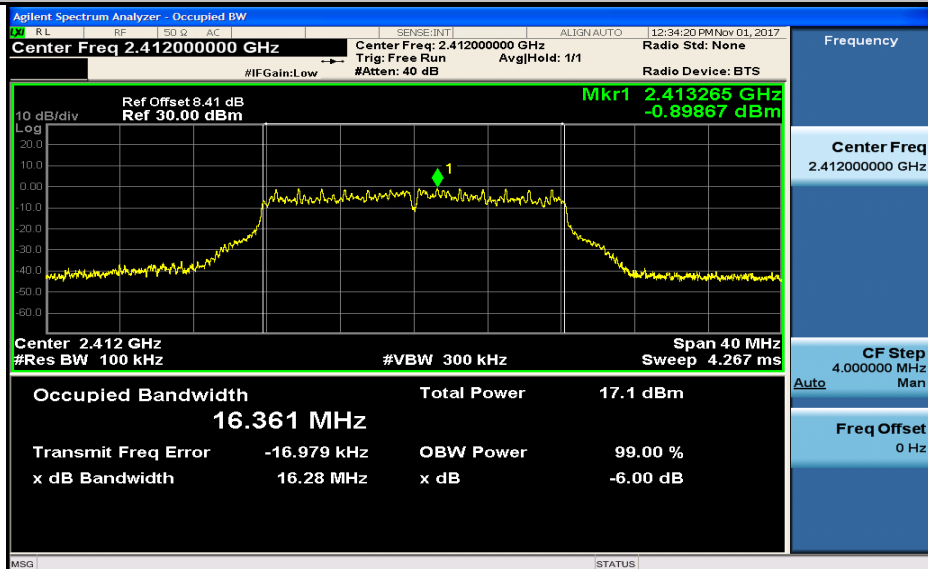
6dB Bandwidth_11B_2437_Ant1



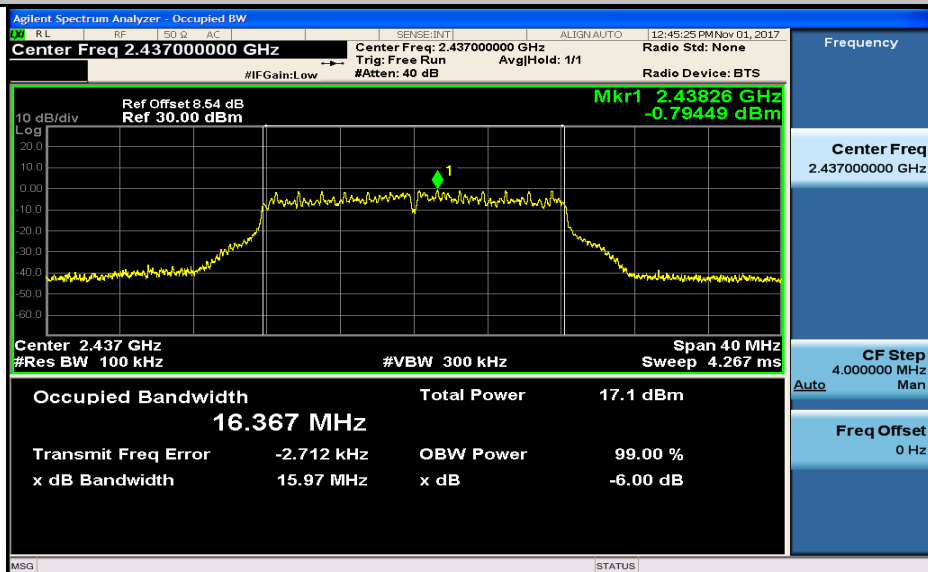
6dB Bandwidth_11B_2462_Ant1



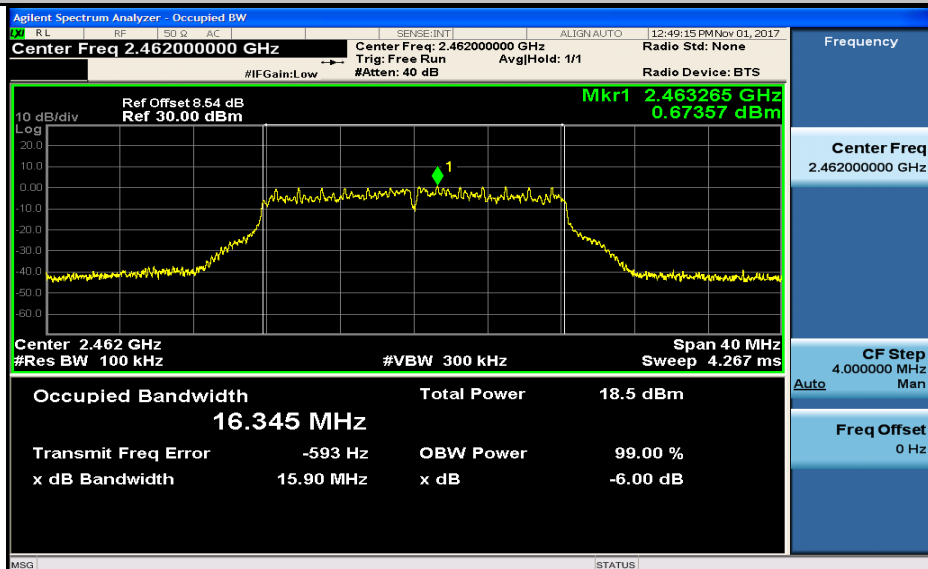
6dB Bandwidth_11G_2412_Ant1



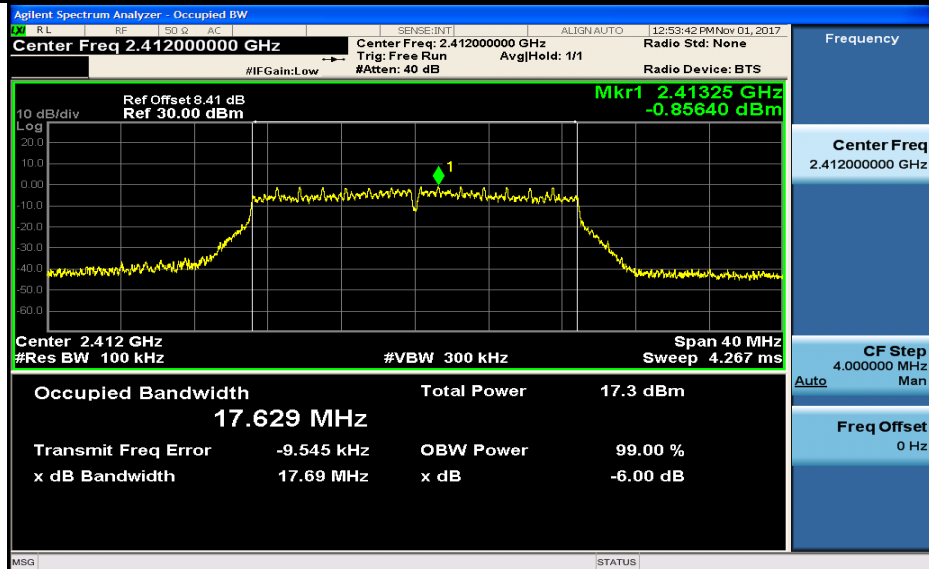
6dB Bandwidth_11G_2437_Ant1



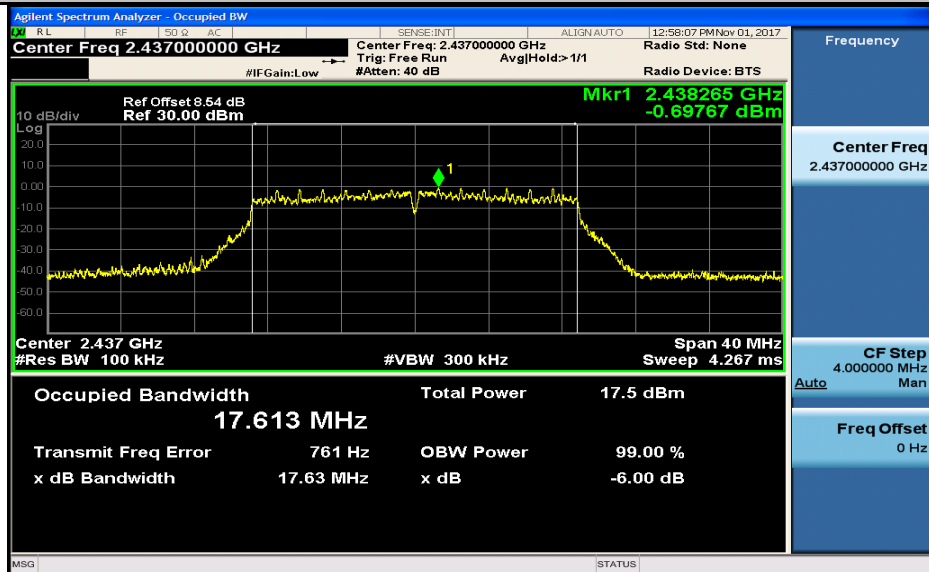
6dB Bandwidth_11G_2462_Ant1



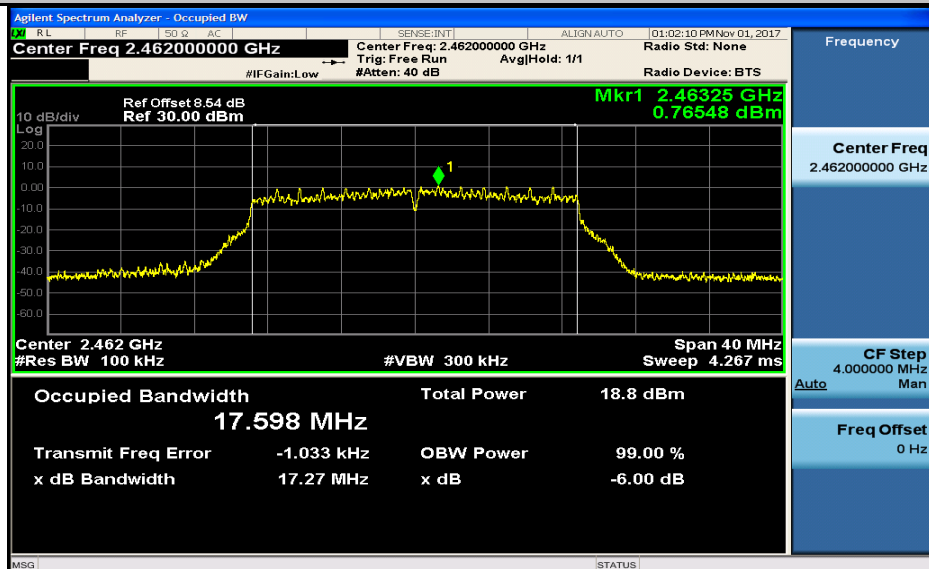
6dB Bandwidth_11N20SISO_2412_Ant1



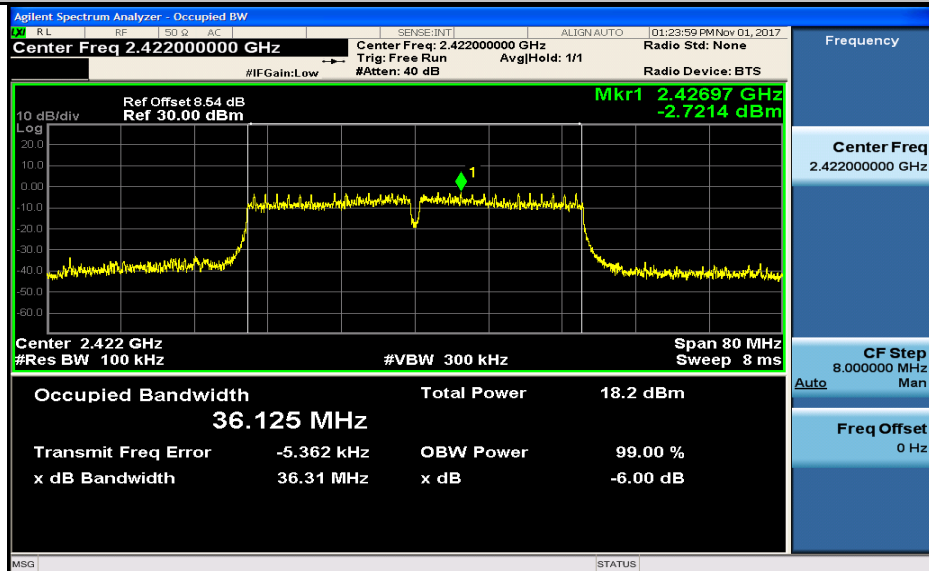
6dB Bandwidth_11N20SISO_2437_Ant1



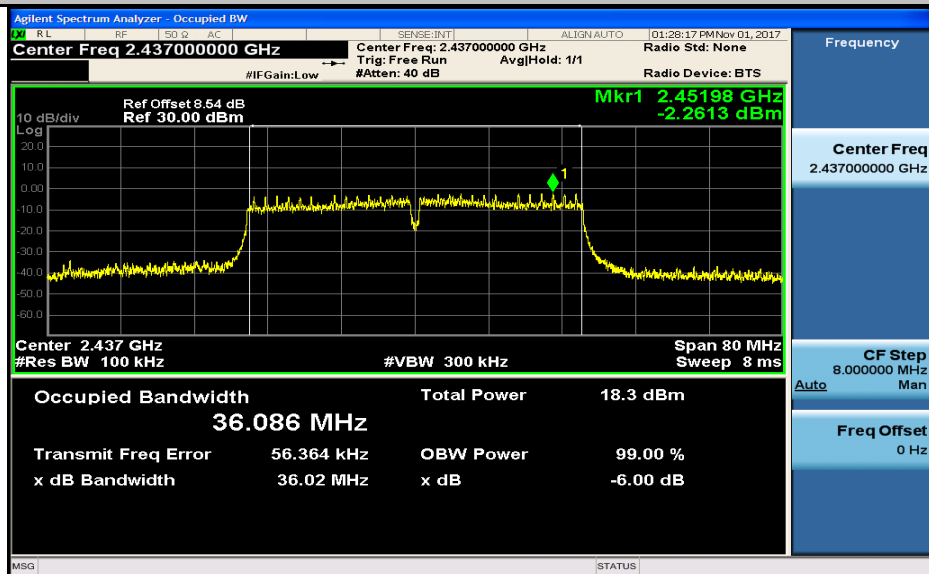
6dB Bandwidth_11N20SISO_2462_Ant1



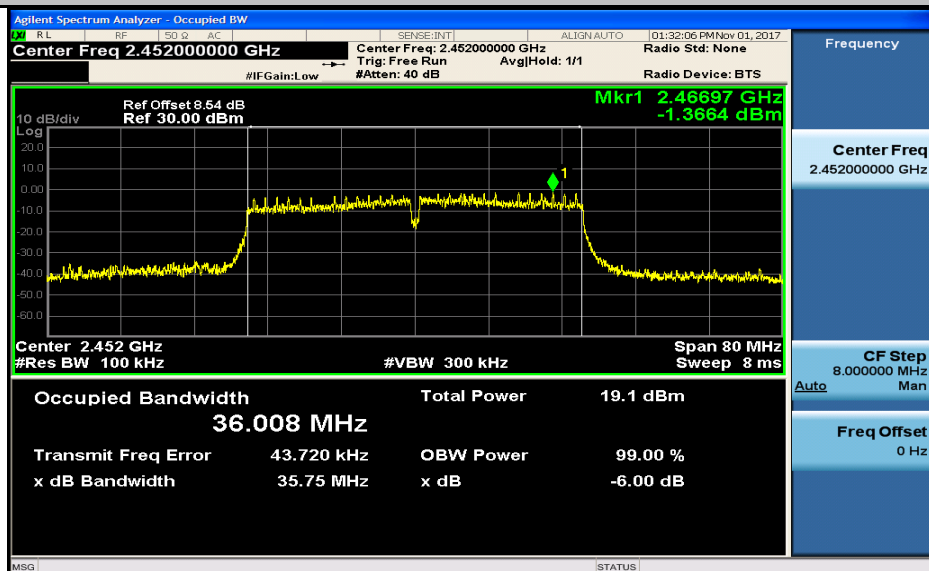
6dB Bandwidth_11N40SISO_2422_Ant1



6dB Bandwidth_11N40SISO_2437_Ant1



6dB Bandwidth_11N40SISO_2452_Ant1

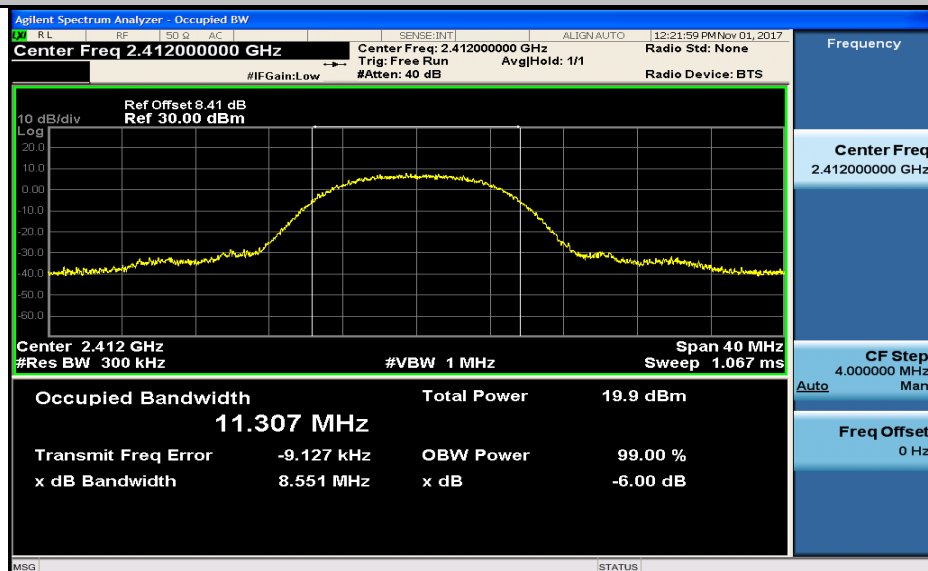




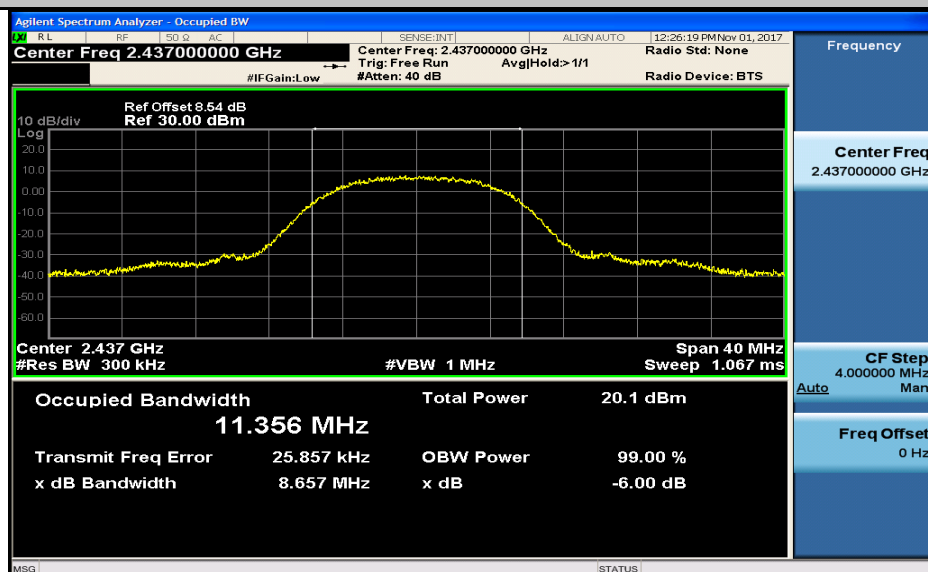
2.Occupied Bandwidth

Test Mode	Test Channel	Ant	OBW[MHz]	Limit[MHz]	Verdict
11B	2412	Ant1	11.307	---	PASS
11B	2437	Ant1	11.356	---	PASS
11B	2462	Ant1	11.277	---	PASS
11G	2412	Ant1	16.557	---	PASS
11G	2437	Ant1	16.570	---	PASS
11G	2462	Ant1	16.518	---	PASS
11N20SISO	2412	Ant1	17.848	---	PASS
11N20SISO	2437	Ant1	17.854	---	PASS
11N20SISO	2462	Ant1	17.792	---	PASS
11N40SISO	2422	Ant1	36.545	---	PASS
11N40SISO	2437	Ant1	36.607	---	PASS
11N40SISO	2452	Ant1	36.472	---	PASS

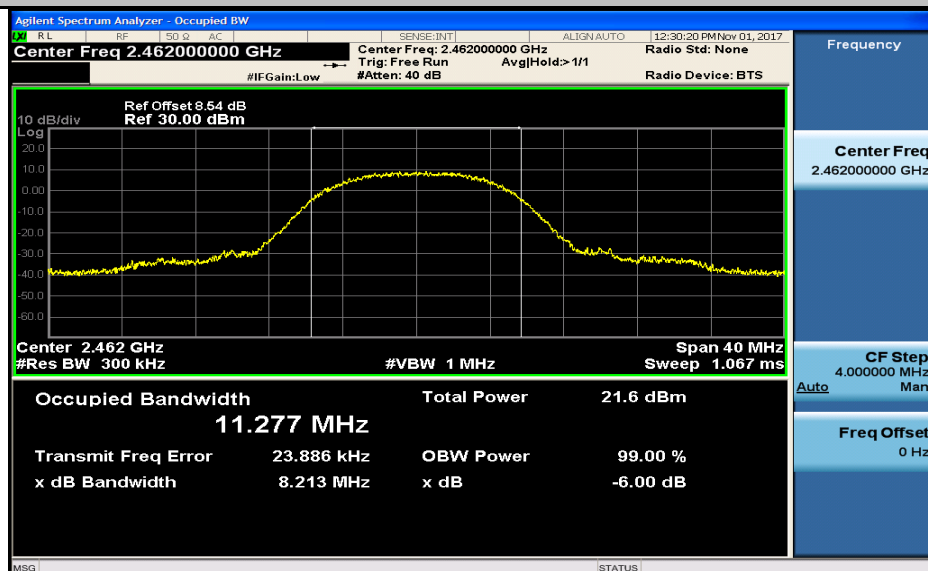
Occupied Bandwidth_11B_2412



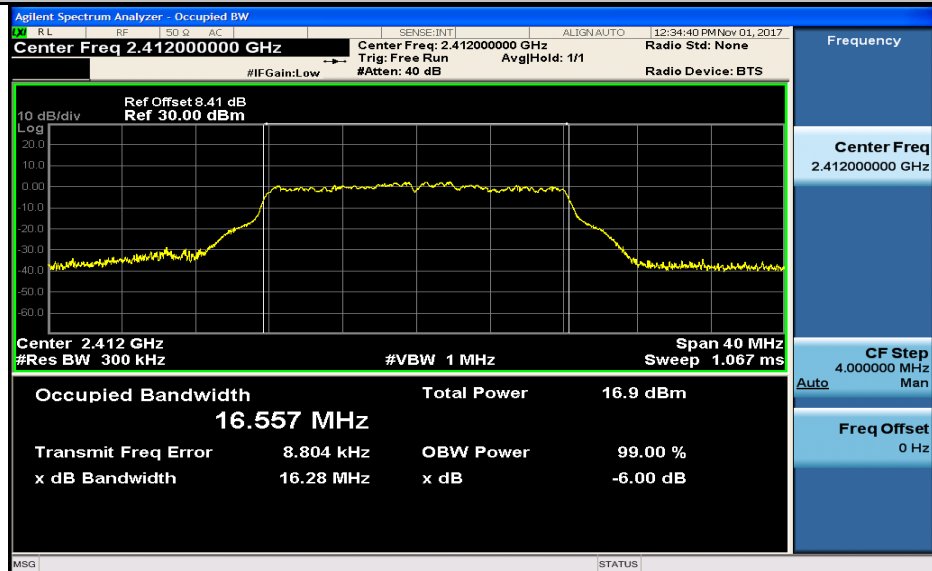
Occupied Bandwidth_11B_2437



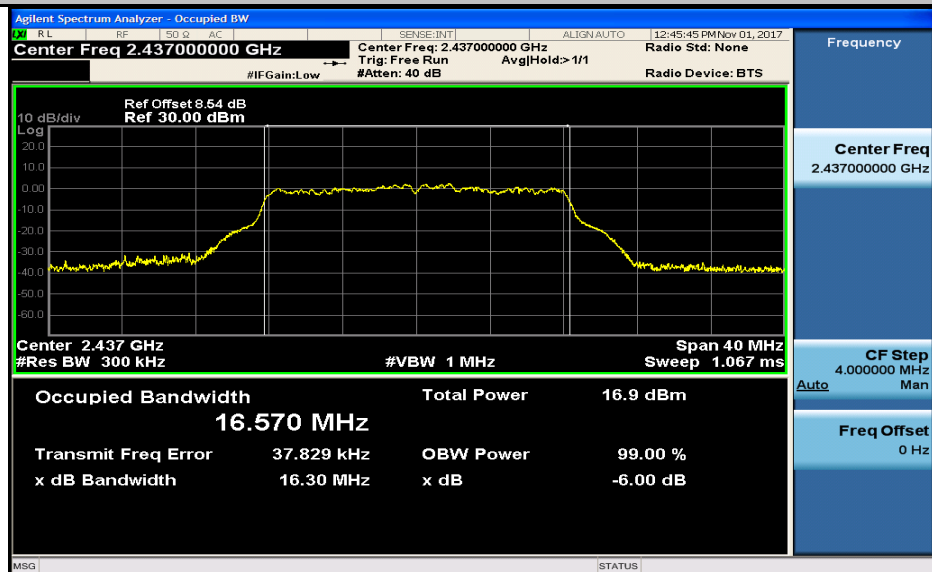
Occupied Bandwidth_11B_2462



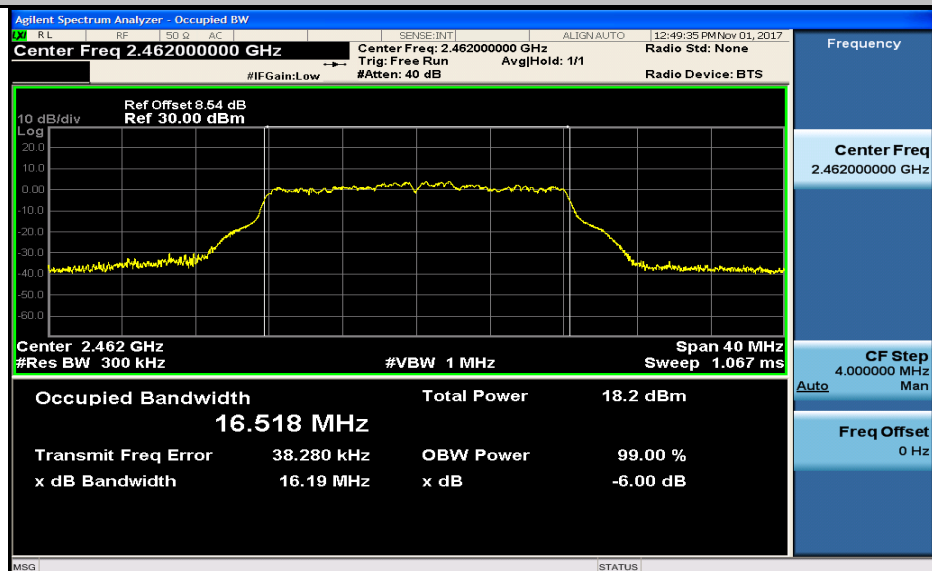
Occupied Bandwidth_11G_2412



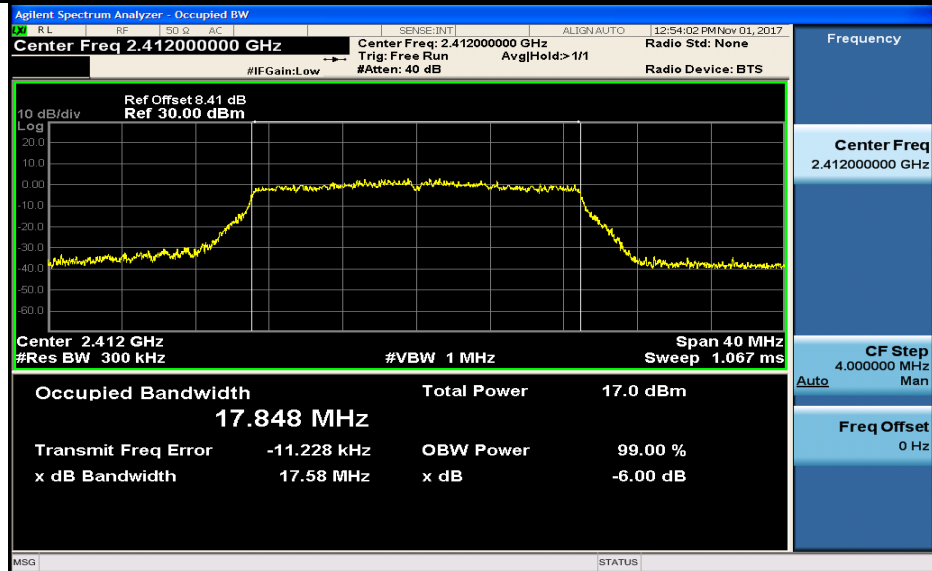
Occupied Bandwidth_11G_2437



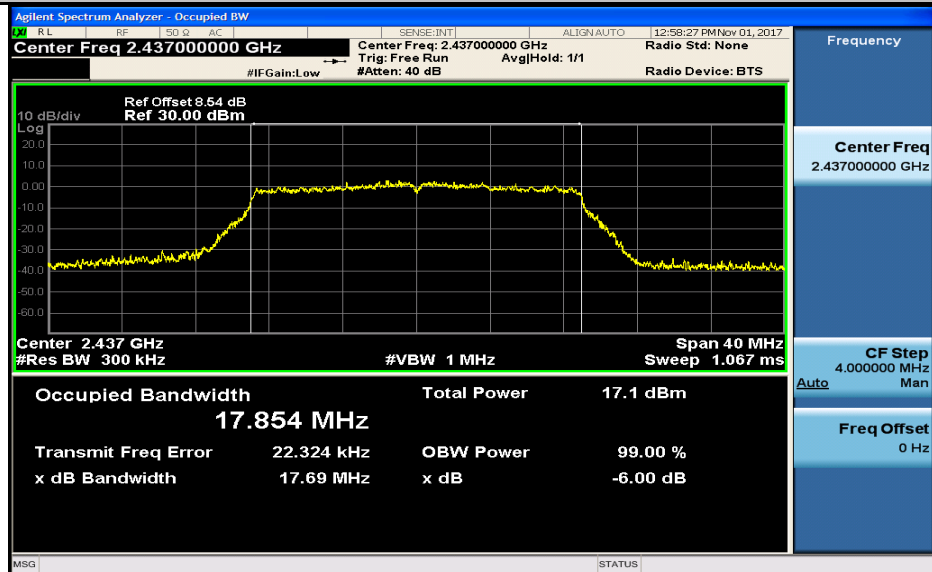
Occupied Bandwidth_11G_2462



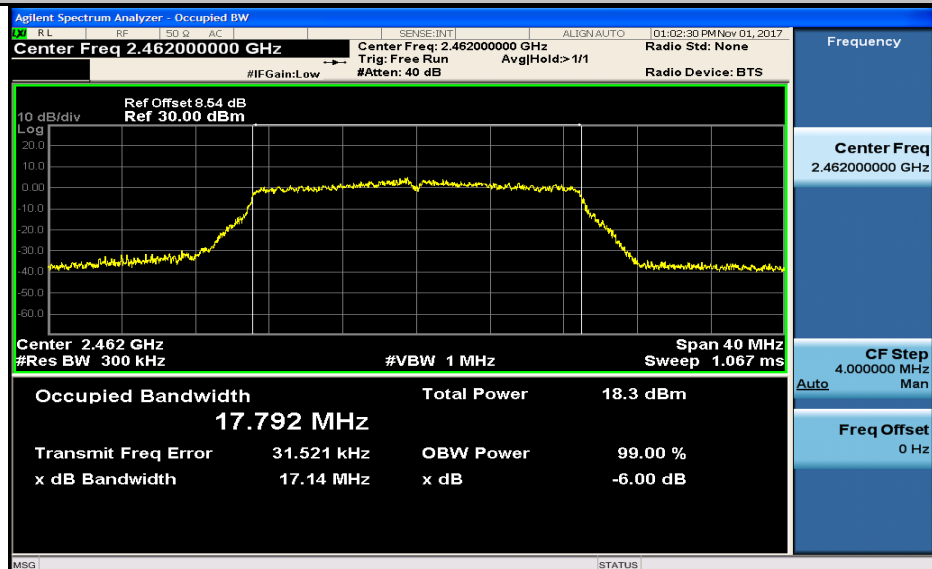
Occupied Bandwidth_11N20SISO_2412



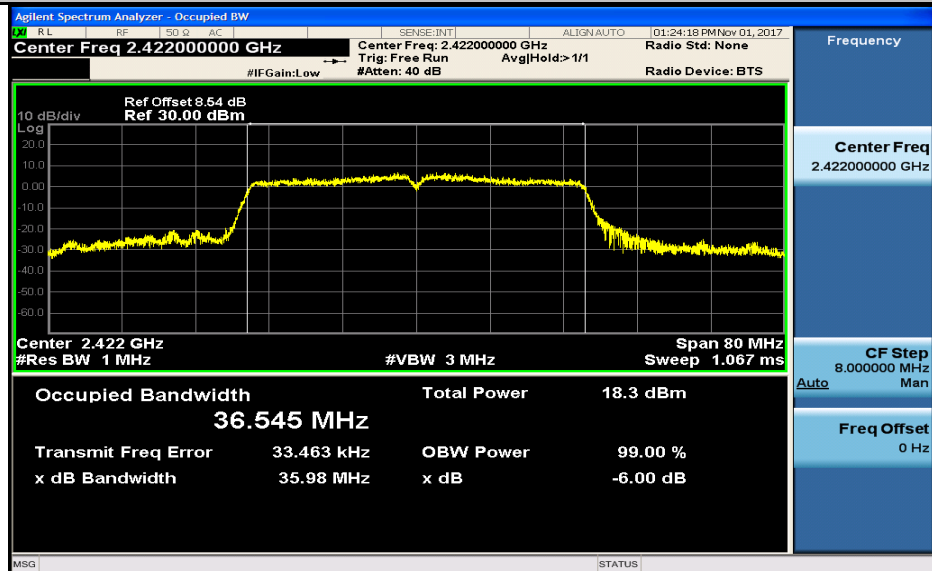
Occupied Bandwidth_11N20SISO_2437



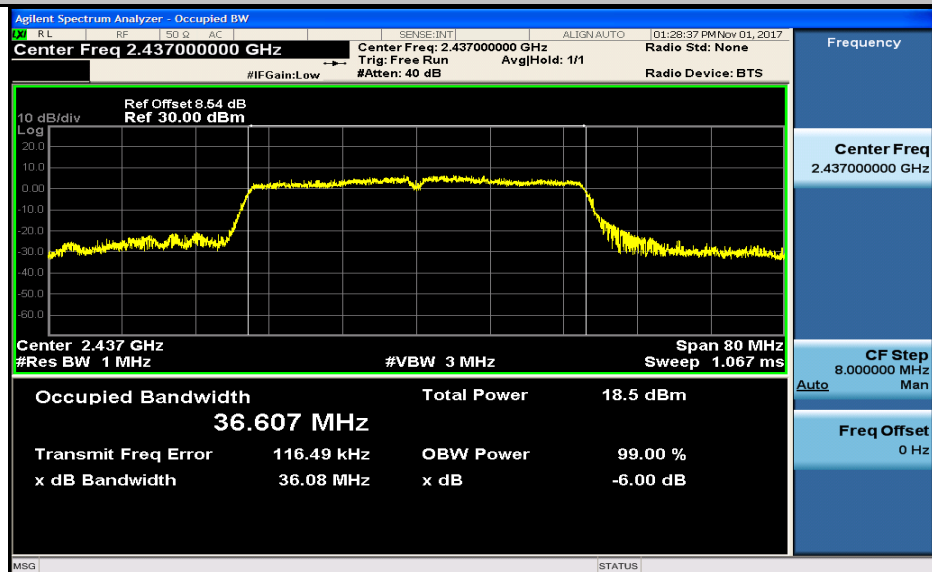
Occupied Bandwidth_11N20SISO_2462



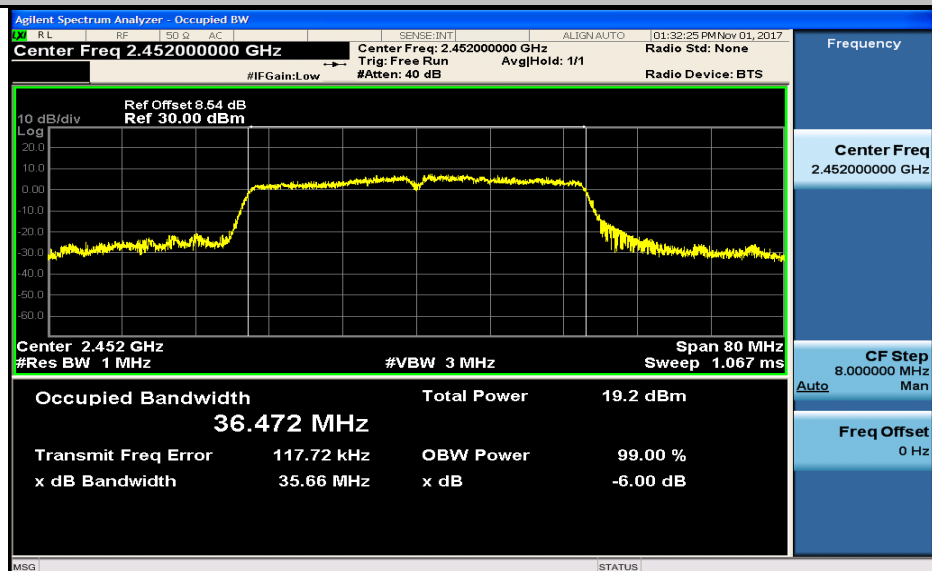
Occupied Bandwidth_11N40SISO_2422



Occupied Bandwidth_11N40SISO_2437



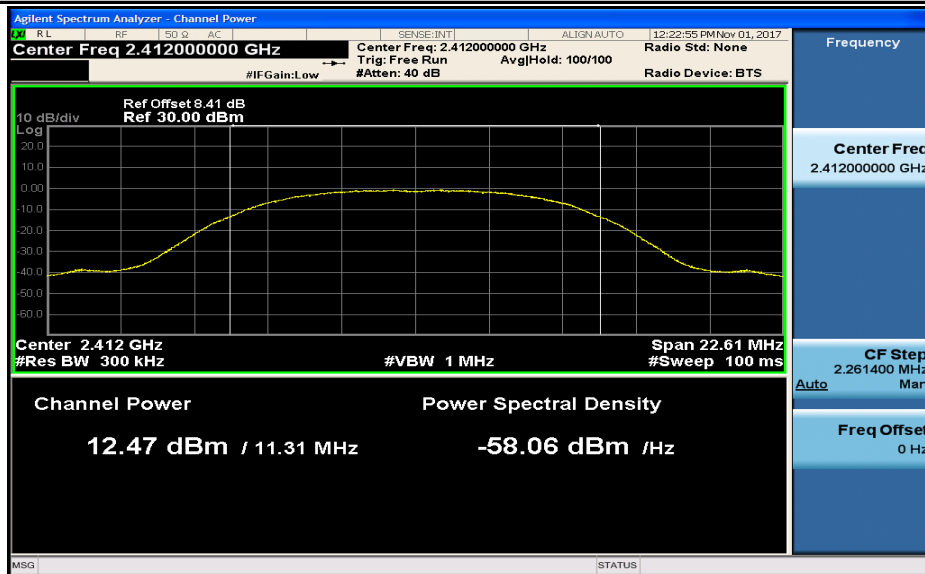
Occupied Bandwidth_11N40SISO_2452



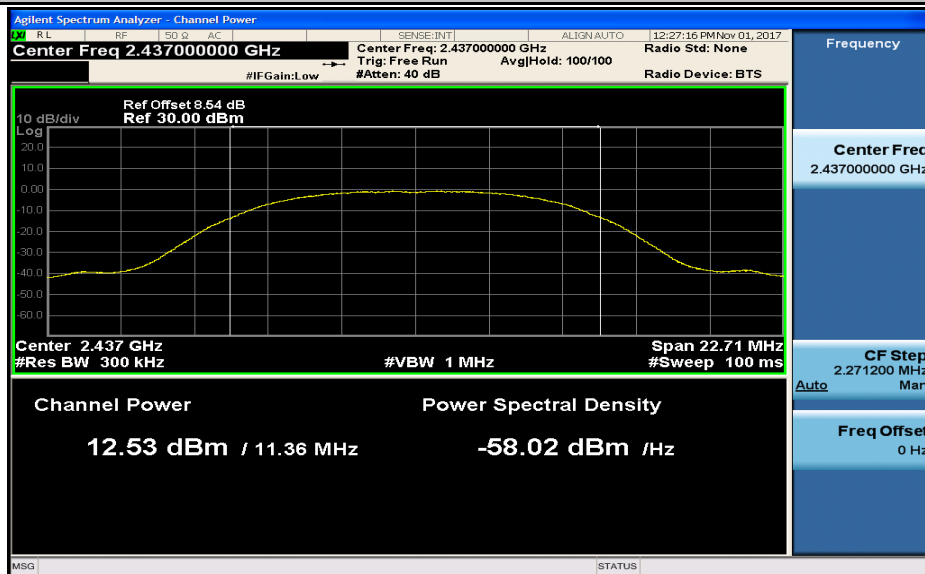
3.Maximum conducted (average) output power

Test Mode	Test Channel	Ant	Level [dBm]	10log(1/x) Factor[dB]	Power [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	12.47	0.495377810944021	12.97	30	PASS
11B	2437	Ant1	12.53	0.495377810944021	13.03	30	PASS
11B	2462	Ant1	14.04	0.483711061633618	14.52	30	PASS
11G	2412	Ant1	8.59	2.15311400498579	10.74	30	PASS
11G	2437	Ant1	8.58	2.15311400498579	10.73	30	PASS
11G	2462	Ant1	9.96	2.15311400498579	12.11	30	PASS
11N20SISO	2412	Ant1	8.1	2.21848749616356	10.32	30	PASS
11N20SISO	2437	Ant1	8.33	2.25994269741791	10.59	30	PASS
11N20SISO	2462	Ant1	9.58	2.28780098050466	11.87	30	PASS
11N40SISO	2422	Ant1	8.42	2.68814292366	11.11	30	PASS
11N40SISO	2437	Ant1	8.62	2.68814292366	11.31	30	PASS
11N40SISO	2452	Ant1	9.4	2.68814292366	12.09	30	PASS

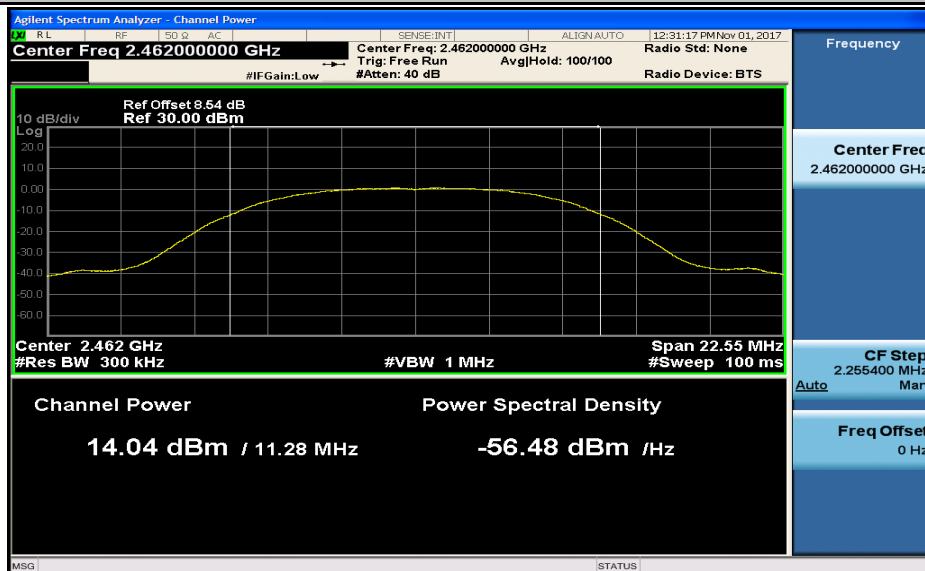
Maximum conducted (average) output power_11B_2412



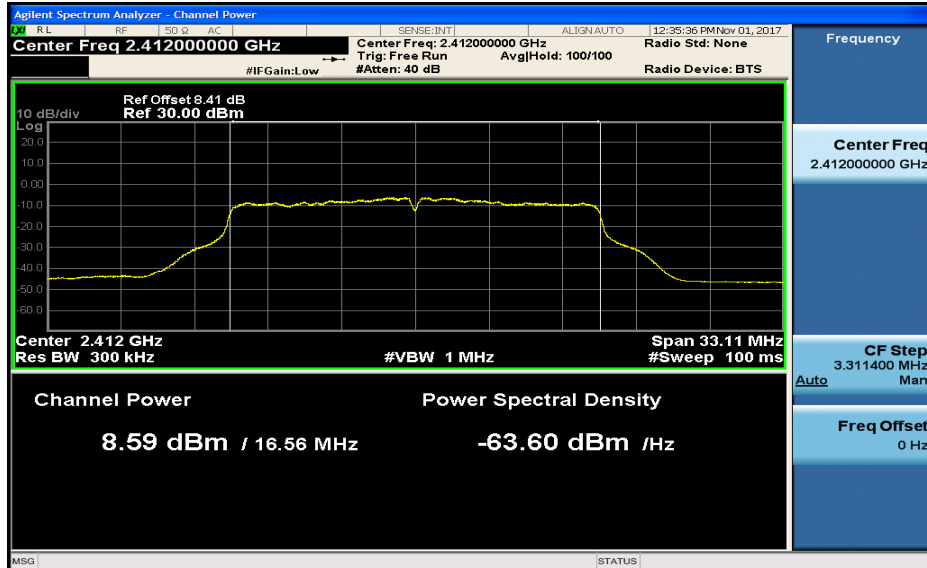
Maximum conducted (average) output power_11B_2437



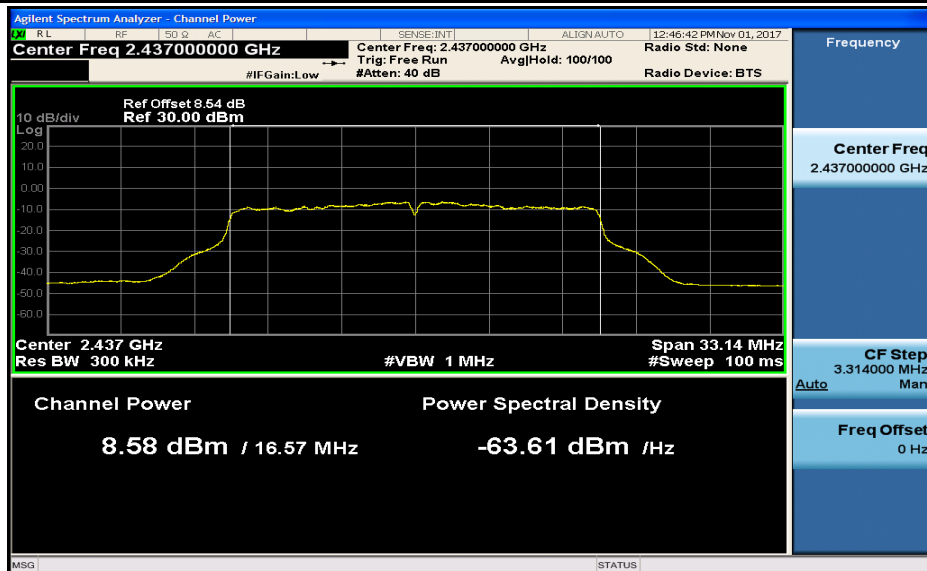
Maximum conducted (average) output power_11B_2462



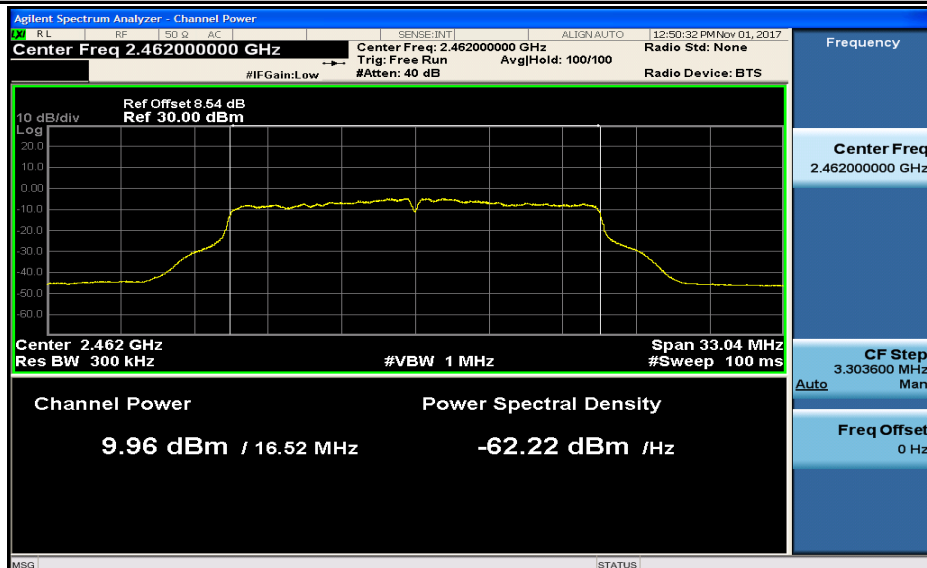
Maximum conducted (average) output power_11G_2412



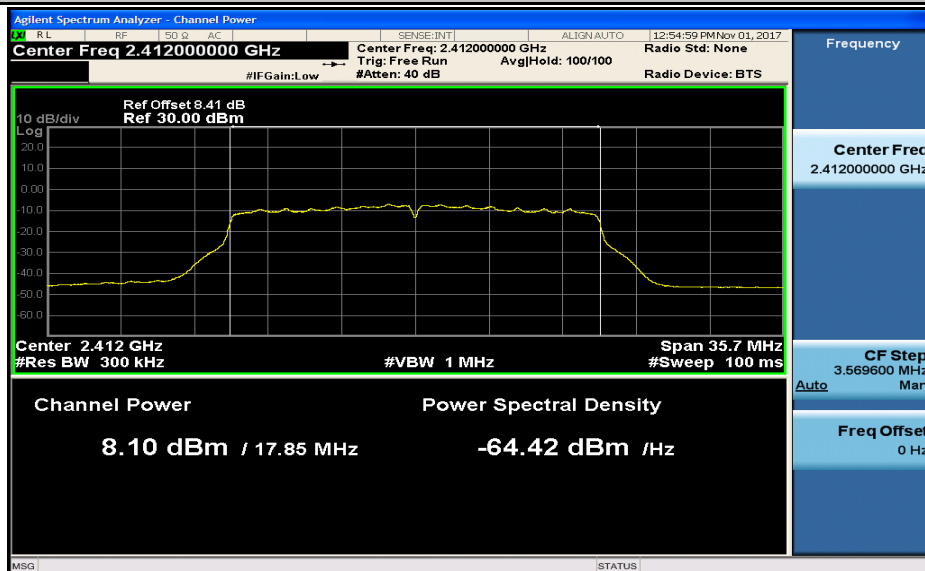
Maximum conducted (average) output power_11G_2437



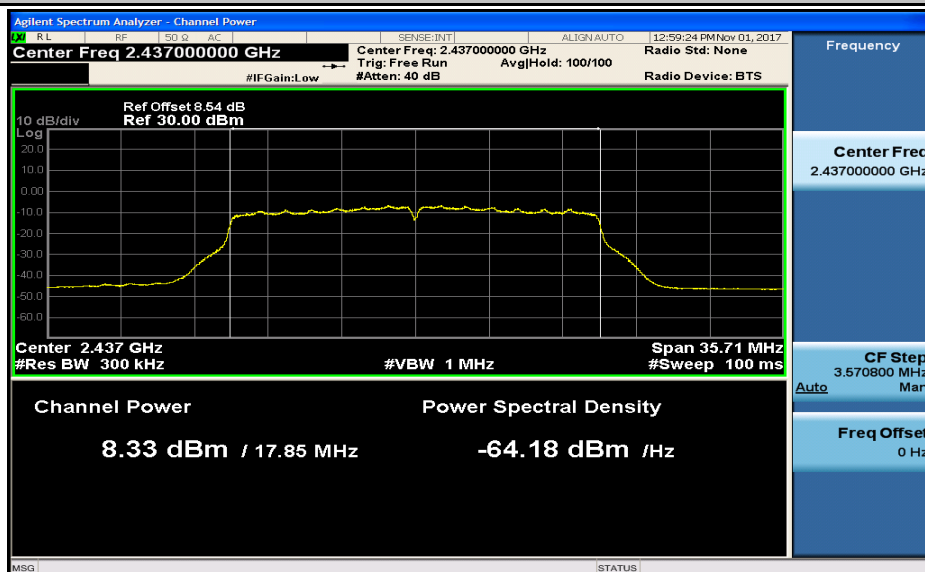
Maximum conducted (average) output power_11G_2462



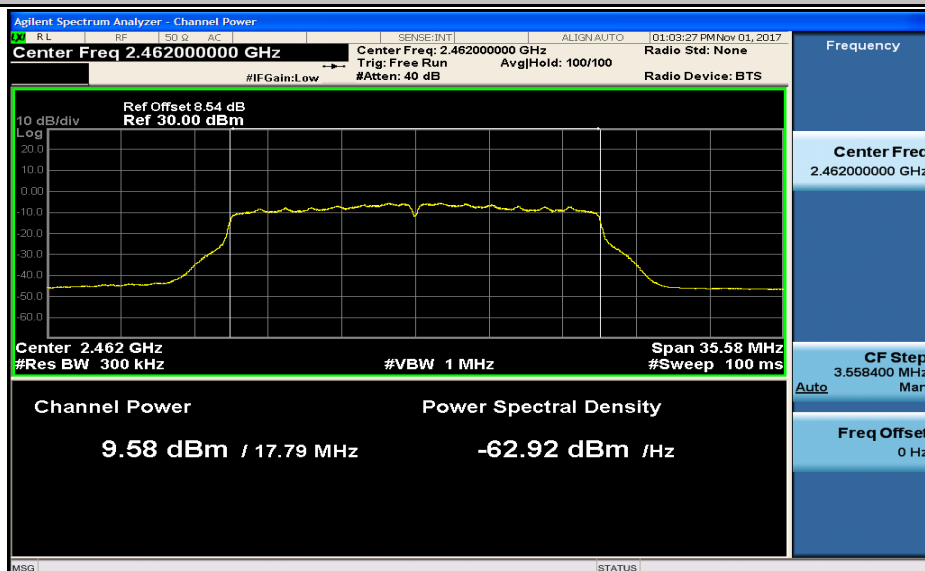
Maximum conducted (average) output power_11N20SISO_2412



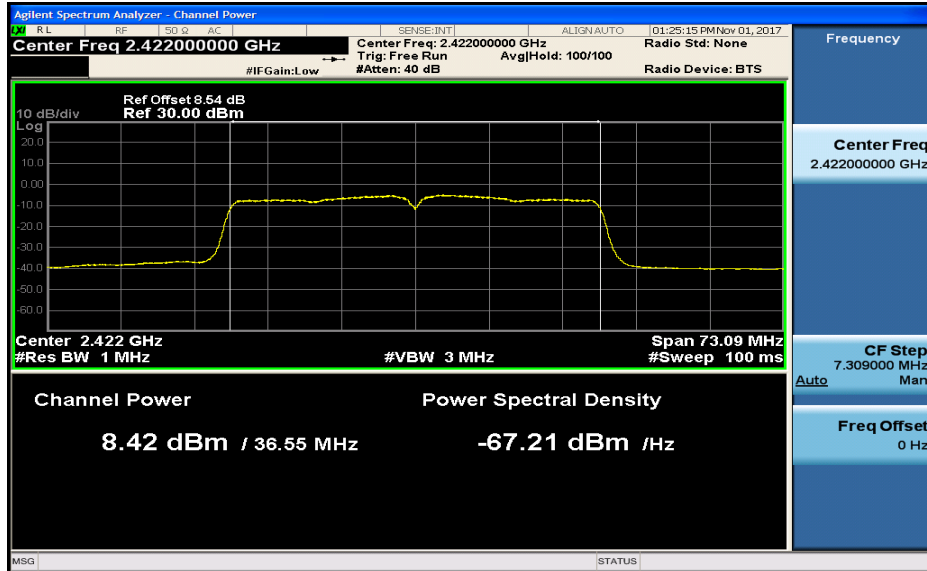
Maximum conducted (average) output power_11N20SISO_2437



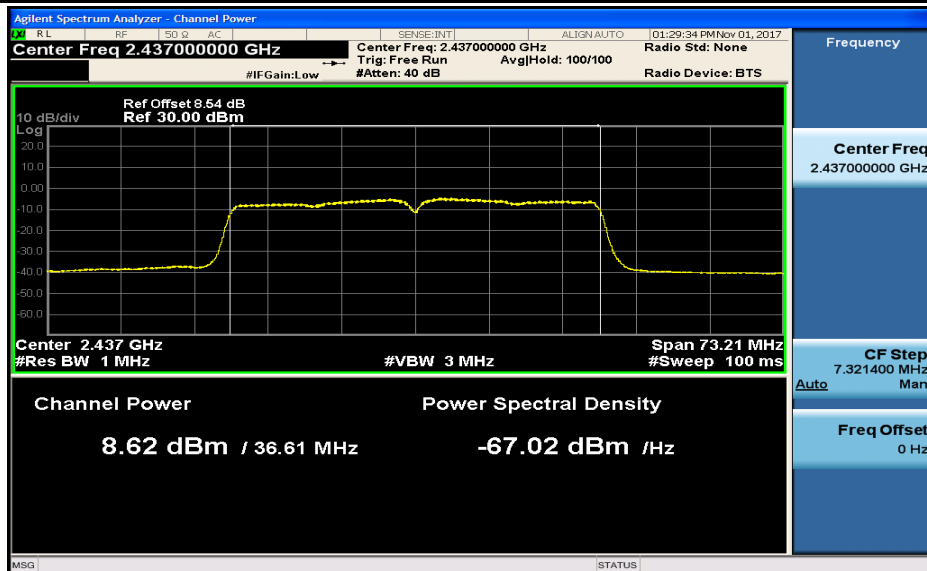
Maximum conducted (average) output power_11N20SISO_2462



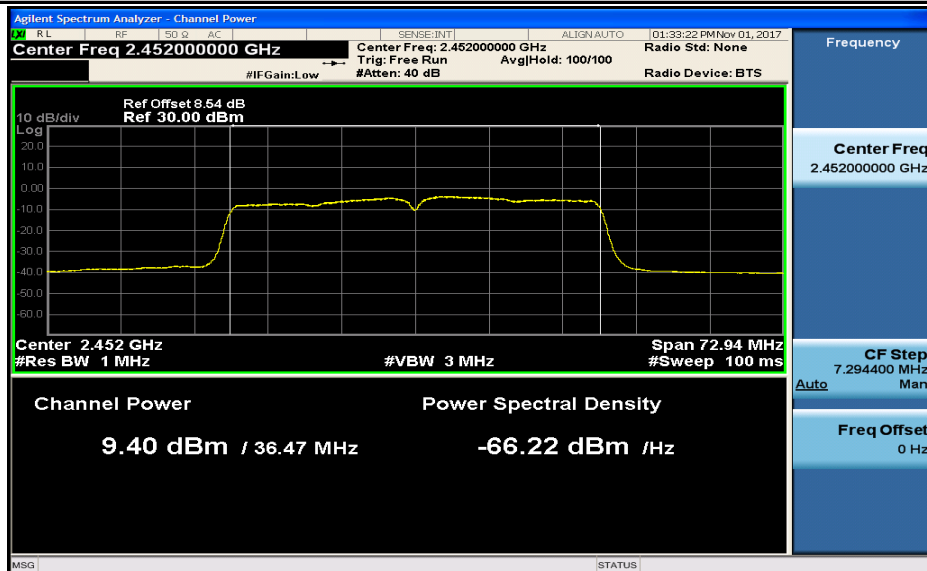
Maximum conducted (average) output power_11N40SISO_2422



Maximum conducted (average) output power_11N40SISO_2437



Maximum conducted (average) output power_11N40SISO_2452

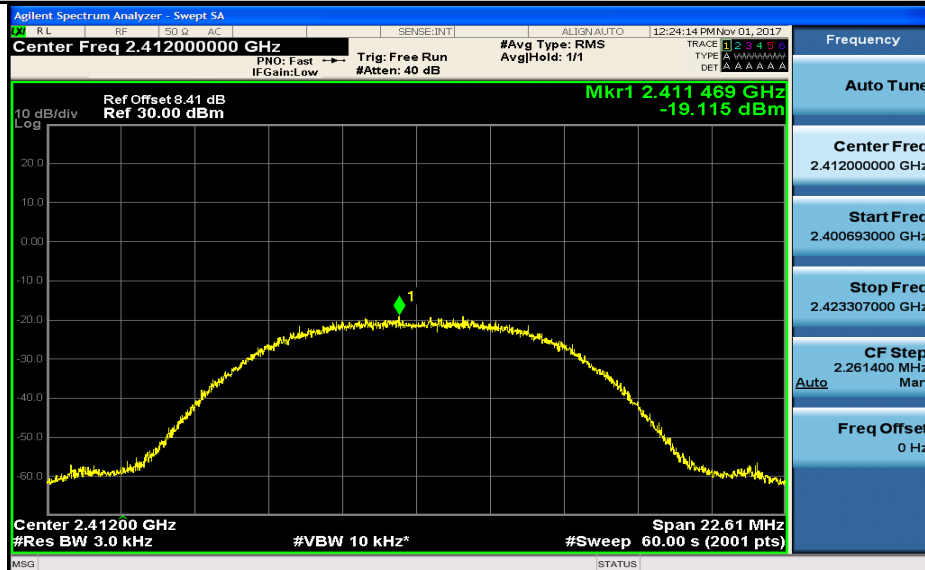




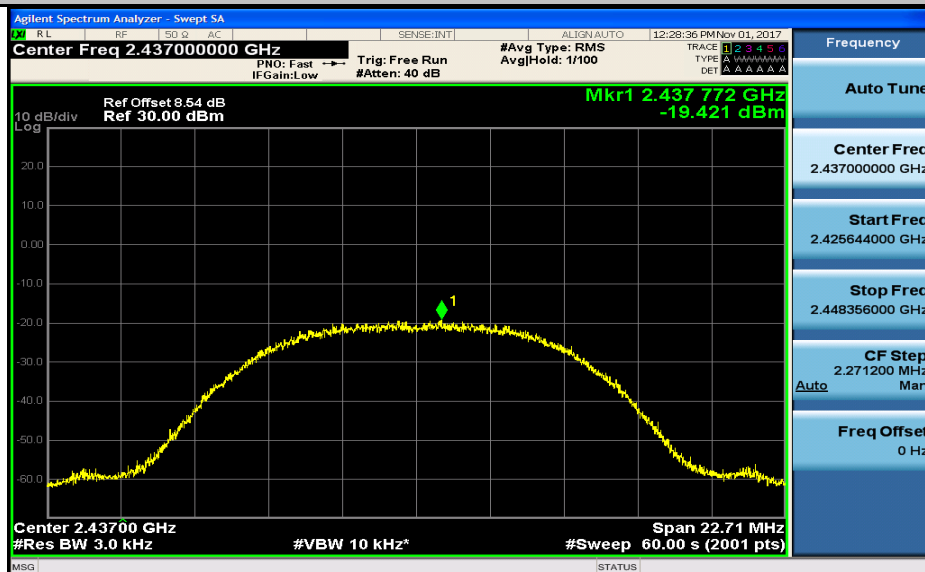
4.Maximum(average) power spectral density

Test Mode	Test Channel	Ant	Level [dBm/3KHz]	10log(1/x) Factor[dB]	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
11B	2412	Ant1	-19.115	0.5	-18.615	8.00	PASS
11B	2437	Ant1	-19.421	0.5	-18.921	8.00	PASS
11B	2462	Ant1	-17.832	0.48	-17.352	8.00	PASS
11G	2412	Ant1	-21.851	2.15	-19.701	8.00	PASS
11G	2437	Ant1	-22.026	2.15	-19.876	8.00	PASS
11G	2462	Ant1	-20.315	2.15	-18.165	8.00	PASS
11N20SISO	2412	Ant1	-22.179	2.22	-19.959	8.00	PASS
11N20SISO	2437	Ant1	-22.334	2.26	-20.074	8.00	PASS
11N20SISO	2462	Ant1	-21.407	2.29	-19.117	8.00	PASS
11N40SISO	2422	Ant1	-25.804	2.69	-23.114	8.00	PASS
11N40SISO	2437	Ant1	-25.632	2.69	-22.942	8.00	PASS
11N40SISO	2452	Ant1	-24.78	2.69	-22.09	8.00	PASS

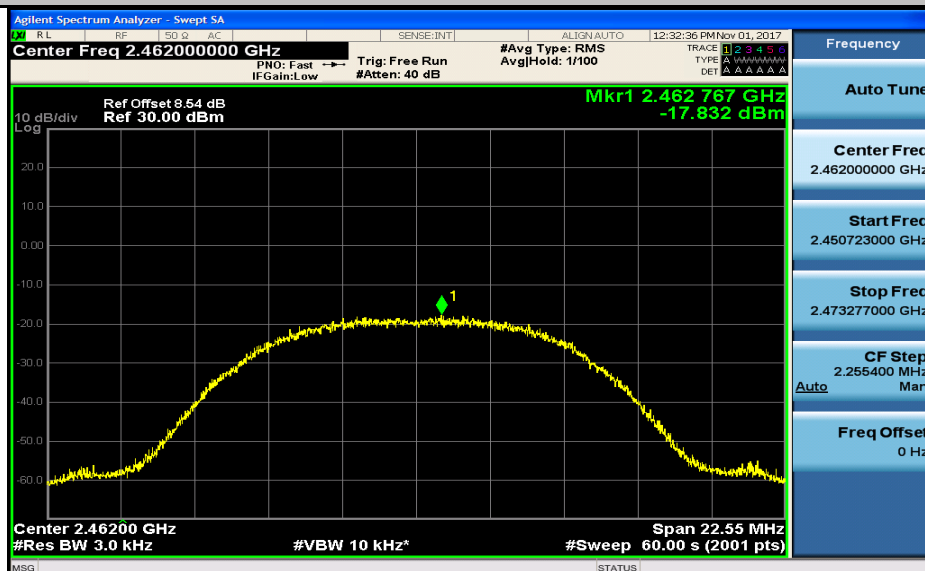
Maximum(average) power spectral density_11B_2412



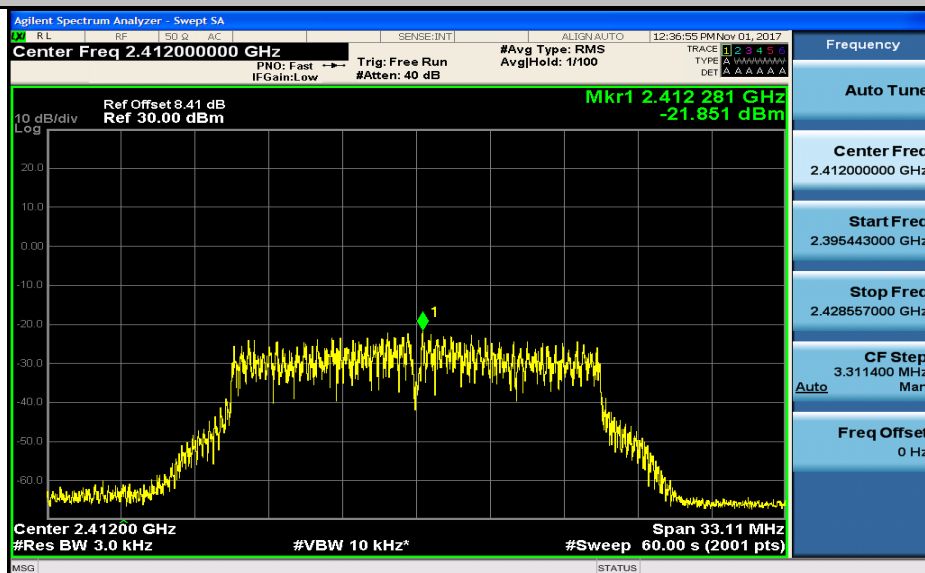
Maximum(average) power spectral density_11B_2437



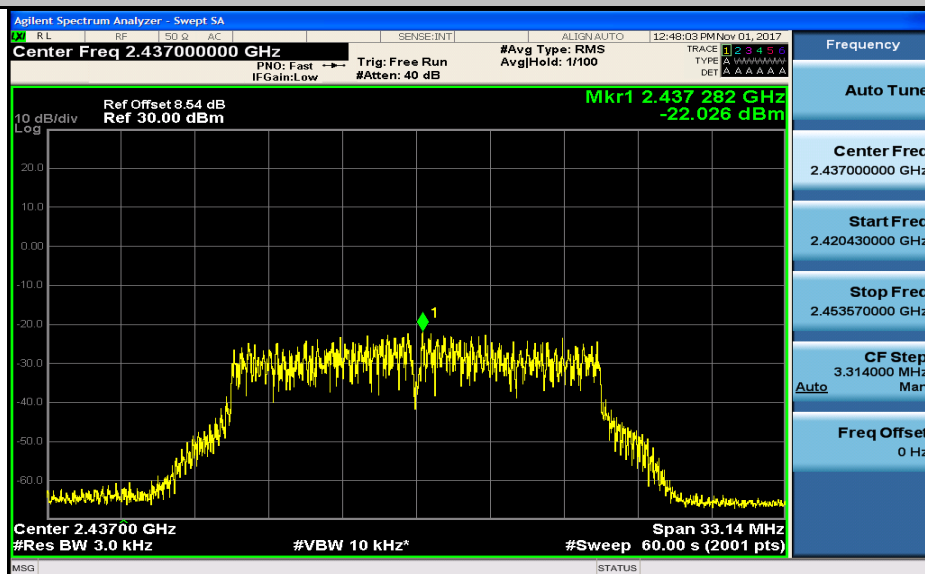
Maximum(average) power spectral density_11B_2462



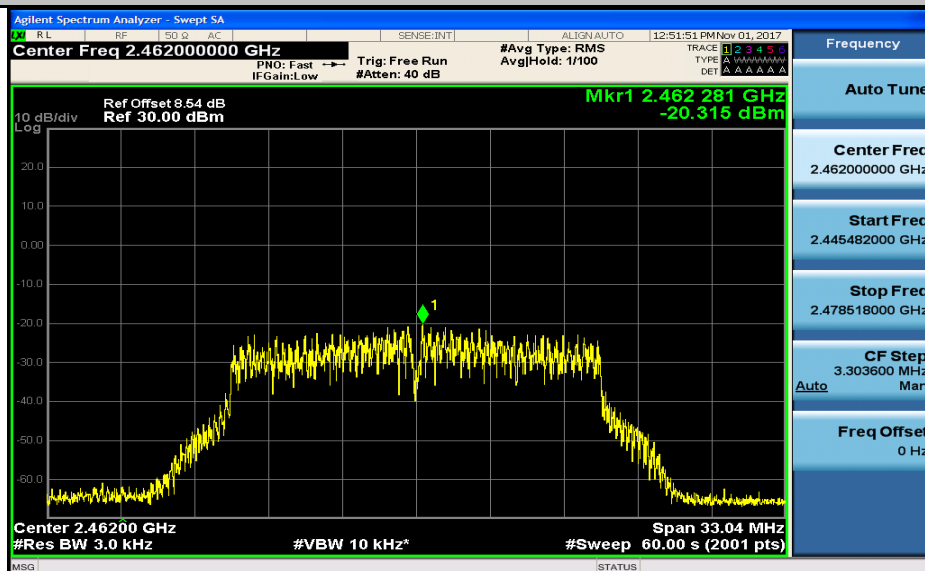
Maximum(average) power spectral density_11G_2412



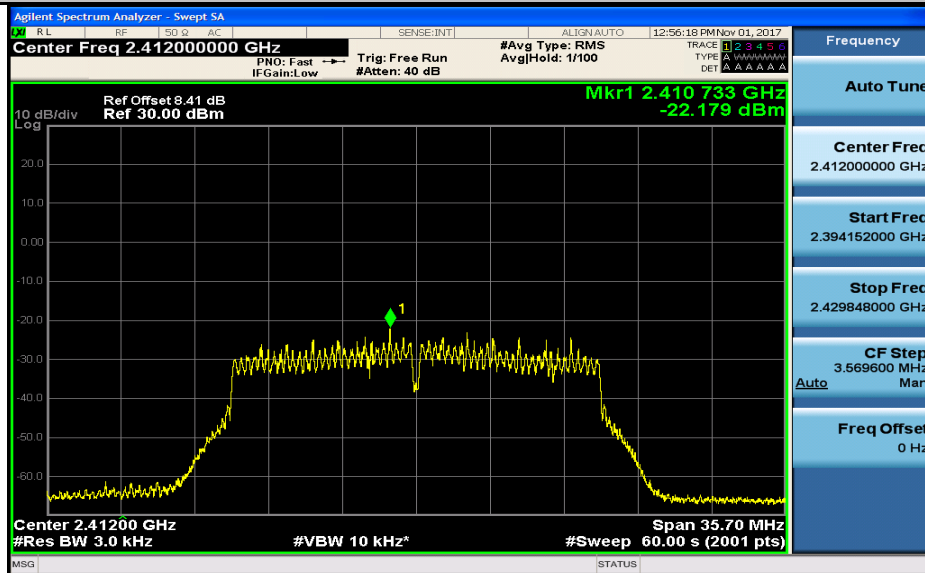
Maximum(average) power spectral density_11G_2437



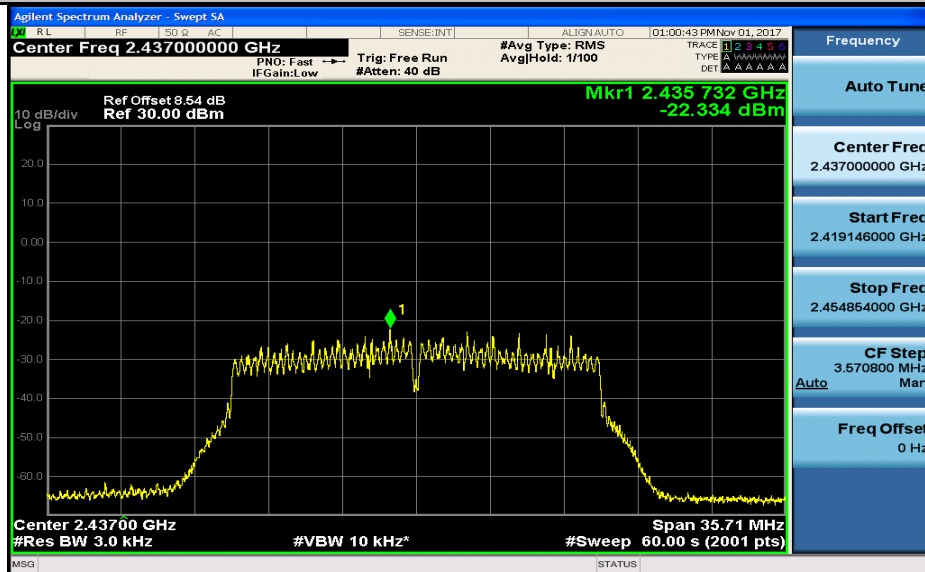
Maximum(average) power spectral density_11G_2462



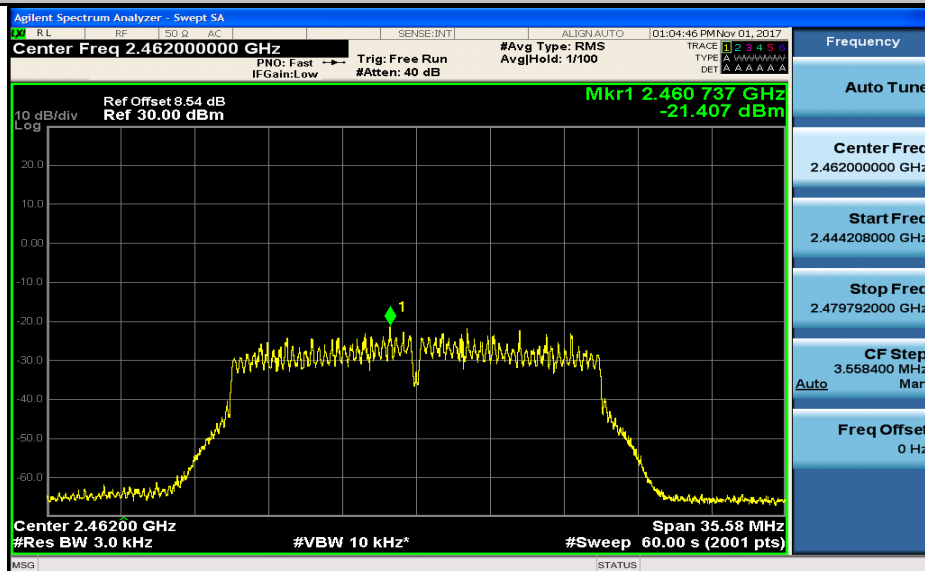
Maximum(average) power spectral density_11N20SISO_2412



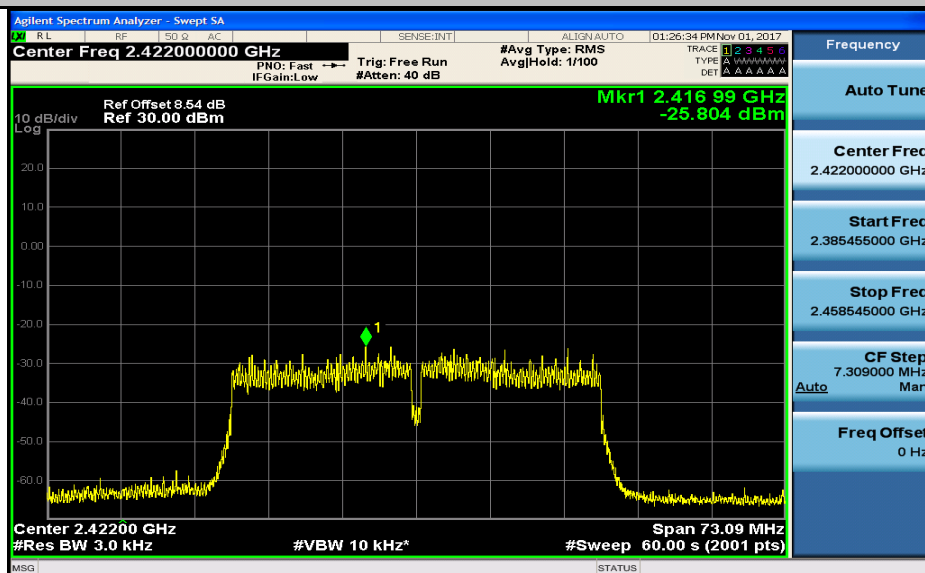
Maximum(average) power spectral density_11N20SISO_2437



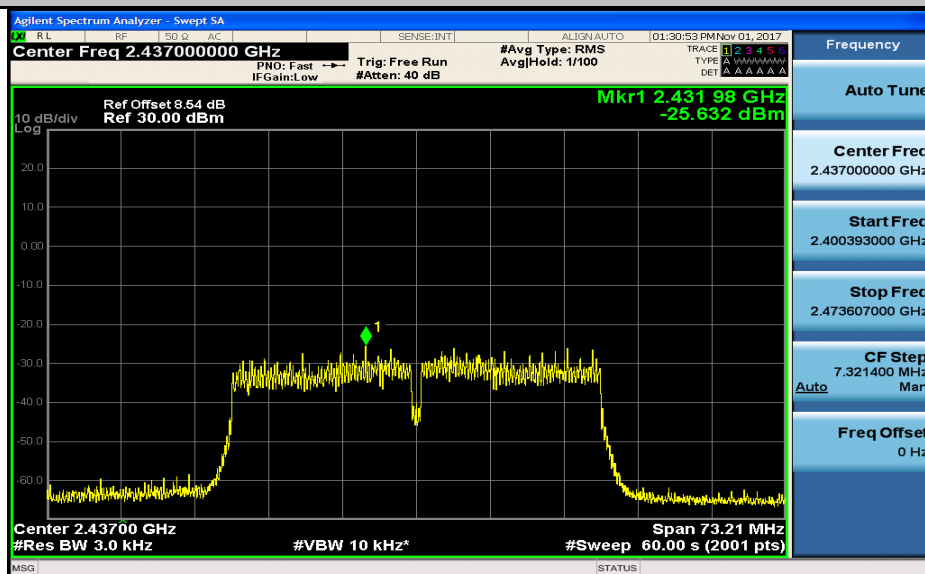
Maximum(average) power spectral density_11N20SISO_2462



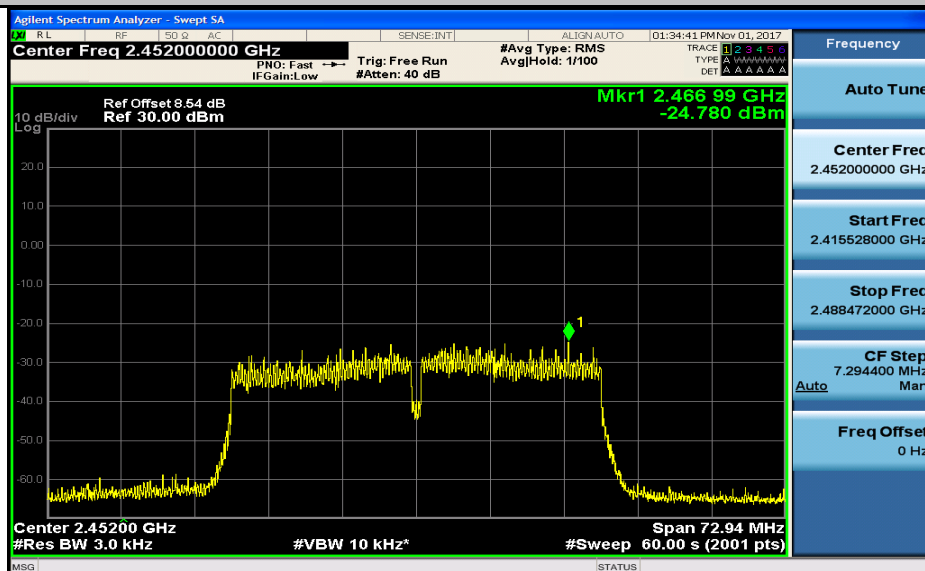
Maximum(average) power spectral density_11N40SISO_2422



Maximum(average) power spectral density_11N40SISO_2437



Maximum(average) power spectral density_11N40SISO_2452

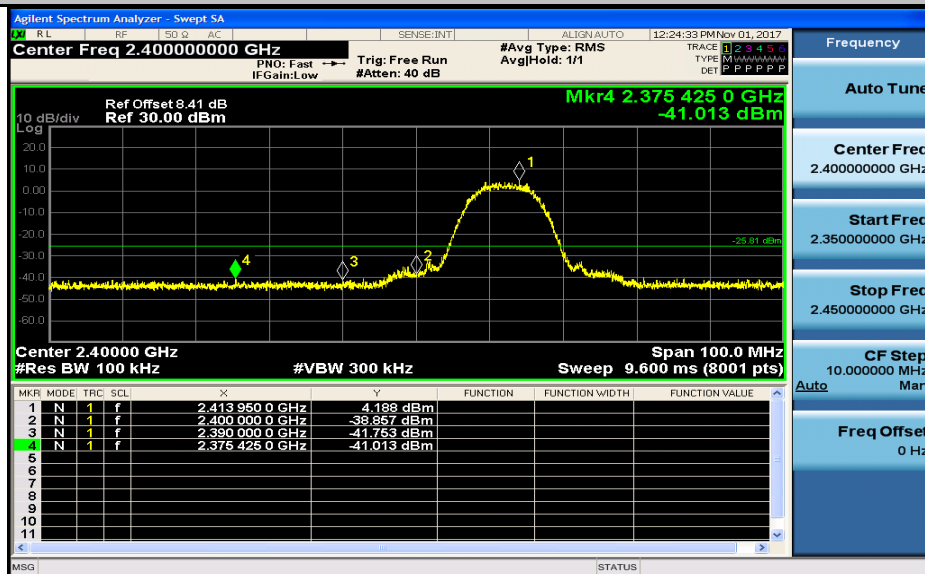




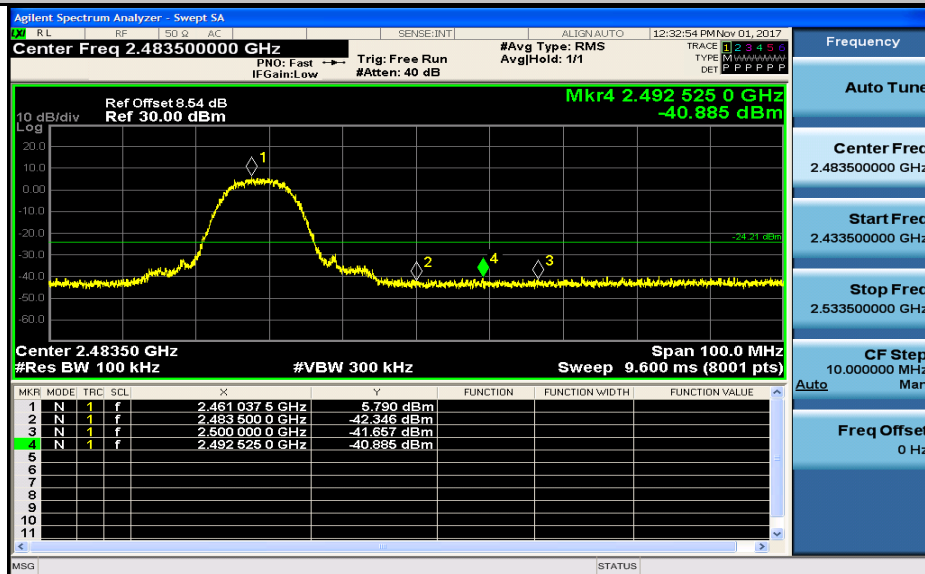
5.Band-edge for RF Conducted Emissions

Test Mode	Test Channel	Ant	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	4.188	-41.013	-25.81	PASS
11B	2462	Ant1	5.790	-40.885	-24.21	PASS
11G	2412	Ant1	-0.837	-40.530	-30.84	PASS
11G	2462	Ant1	0.943	-40.309	-29.06	PASS
11N20SISO	2412	Ant1	-0.789	-40.383	-30.79	PASS
11N20SISO	2462	Ant1	0.872	-39.740	-29.13	PASS
11N40SISO	2422	Ant1	-2.694	-34.275	-32.69	PASS
11N40SISO	2452	Ant1	-1.120	-37.687	-31.12	PASS

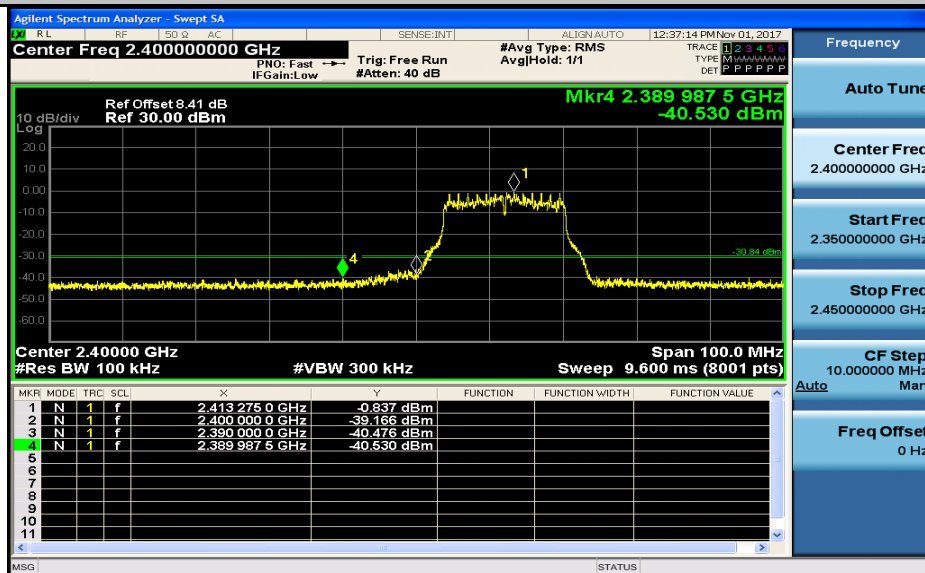
Band-edge for RF Conducted Emissions_11B_2412_Ant1



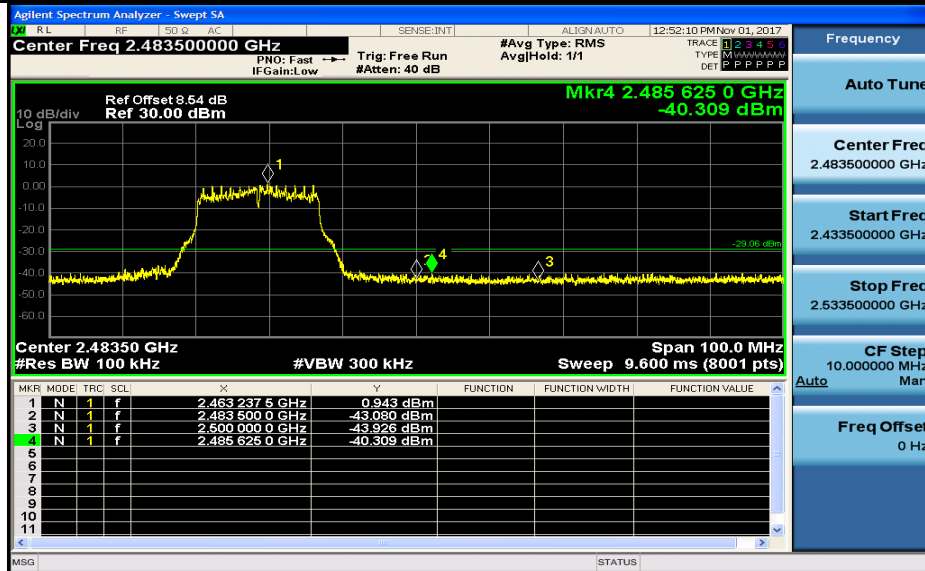
Band-edge for RF Conducted Emissions_11B_2462_Ant1



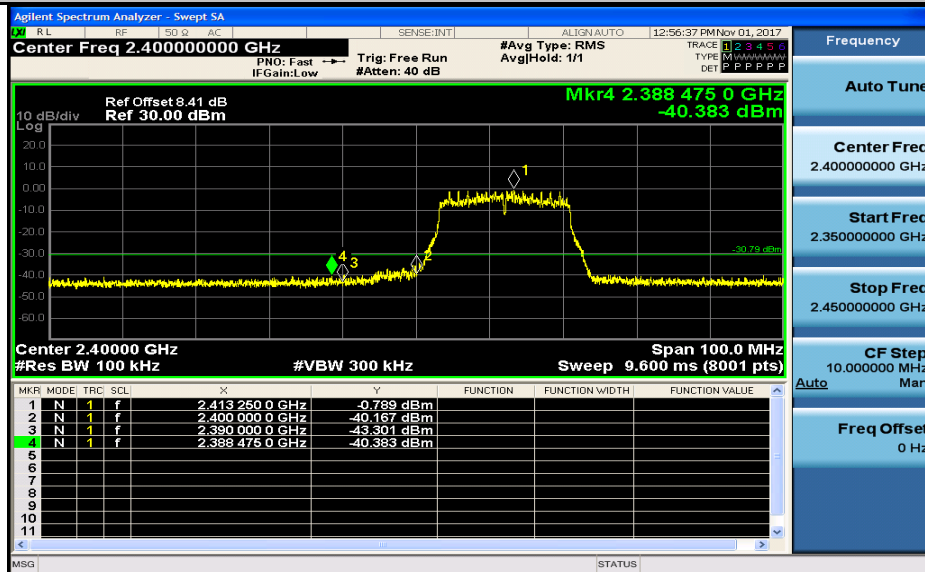
Band-edge for RF Conducted Emissions_11G_2412_Ant1



Band-edge for RF Conducted Emissions_11G_2462_Ant1



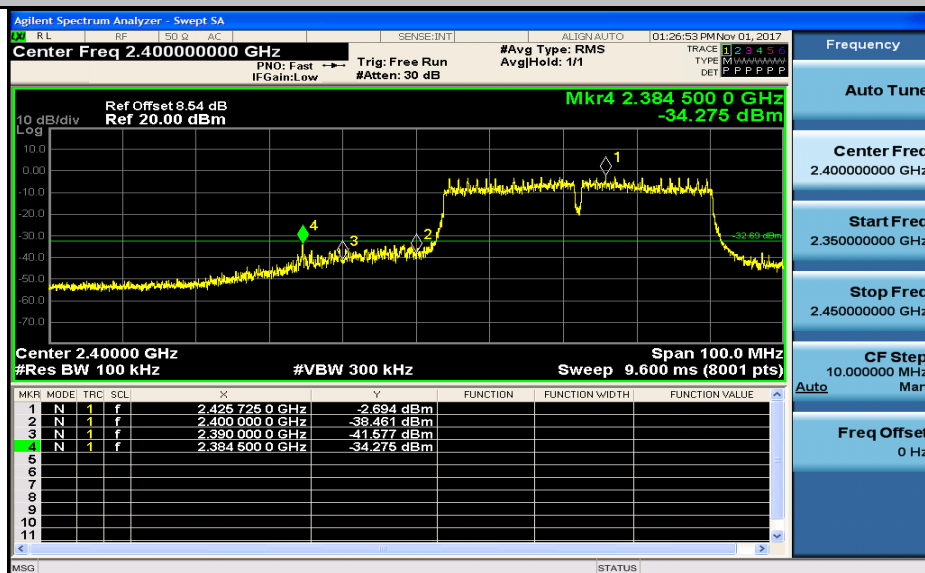
Band-edge for RF Conducted Emissions_11N20SISO_2412_Ant1



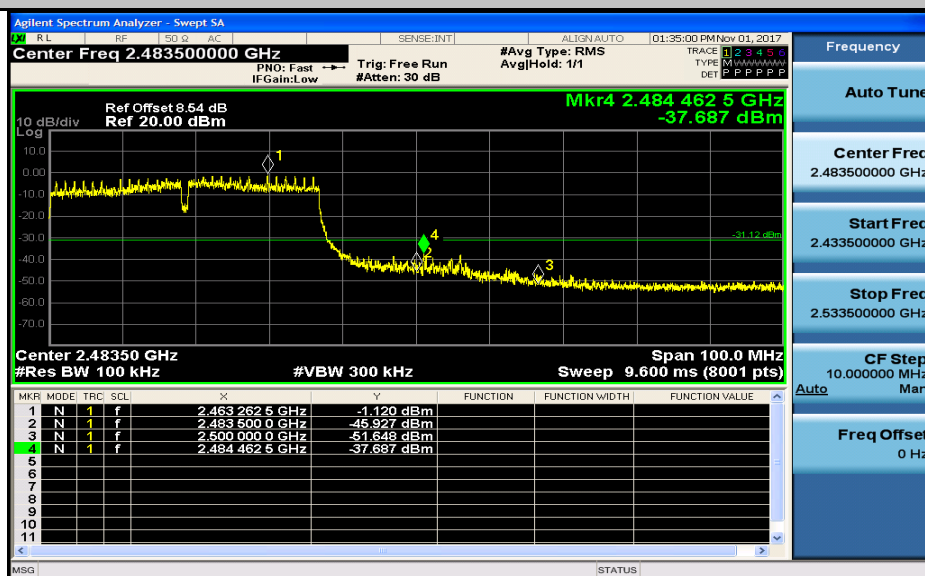
Band-edge for RF Conducted Emissions_11N20SISO_2462_Ant1



Band-edge for RF Conducted Emissions_11N40SISO_2422_Ant1



Band-edge for RF Conducted Emissions_11N40SISO_2452_Ant1



6.RF Conducted Spurious Emissions

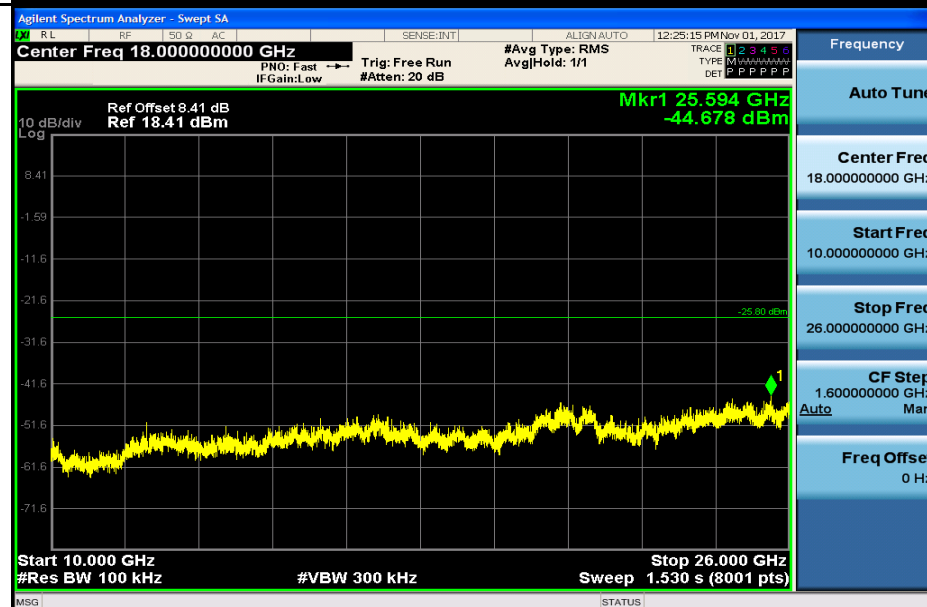
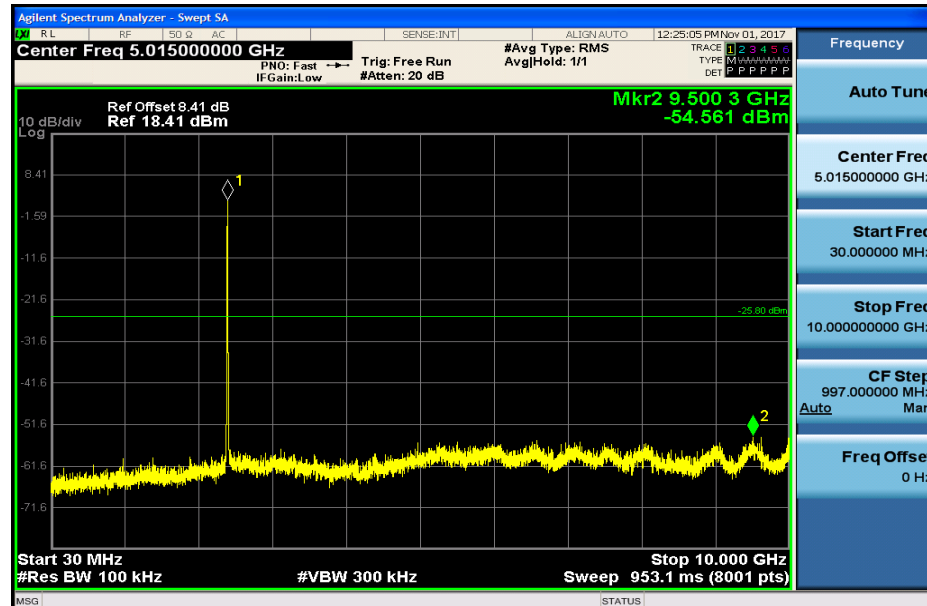
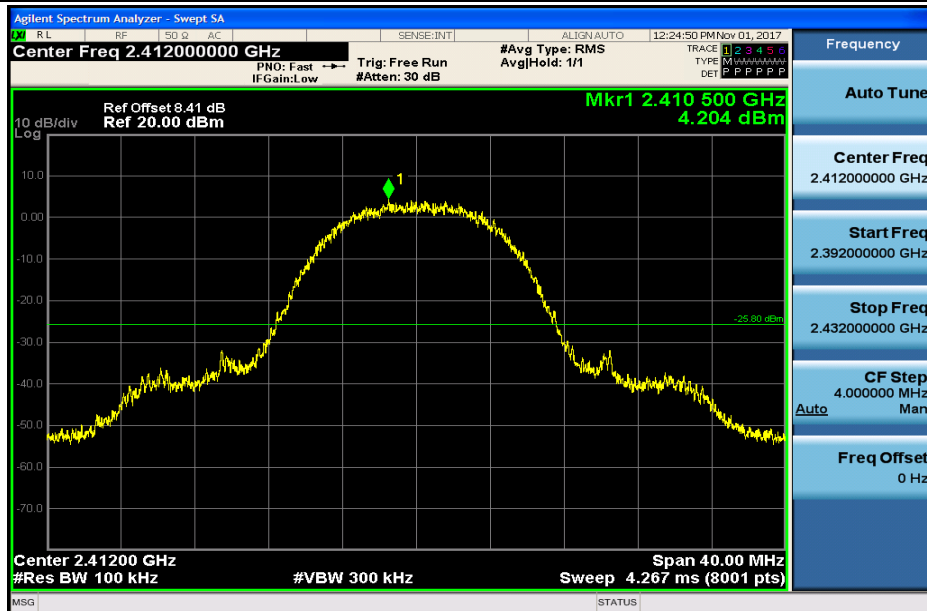
Test Mode	Test Channel	Ant	StartFre [MHz]	StopFre [MHz]	RBW [kHz]	VBW [kHz]	Pref[dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	30	10000	100	300	4.204	-54.561	<- 25.796	PASS
11B	2412	Ant1	10000	26000	100	300	4.204	-44.678	<- 25.796	PASS
11B	2437	Ant1	30	10000	100	300	5.295	-54.375	<- 24.705	PASS
11B	2437	Ant1	10000	26000	100	300	5.295	-44.943	<- 24.705	PASS
11B	2462	Ant1	30	10000	100	300	6.271	-54.318	<- 23.729	PASS
11B	2462	Ant1	10000	26000	100	300	6.271	-45.072	<- 23.729	PASS
11G	2412	Ant1	30	10000	100	300	-0.798	-55.146	<- 30.798	PASS
11G	2412	Ant1	10000	26000	100	300	-0.798	-44.702	<- 30.798	PASS
11G	2437	Ant1	30	10000	100	300	-0.763	-52.814	<- 30.763	PASS
11G	2437	Ant1	10000	26000	100	300	-0.763	-44.447	<- 30.763	PASS
11G	2462	Ant1	30	10000	100	300	0.833	-54.954	<- 29.167	PASS
11G	2462	Ant1	10000	26000	100	300	0.833	-43.418	<- 29.167	PASS
11N20SISO	2412	Ant1	30	10000	100	300	-0.977	-53.663	<- 30.977	PASS
11N20SISO	2412	Ant1	10000	26000	100	300	-0.977	-45.339	<- 30.977	PASS
11N20SISO	2437	Ant1	30	10000	100	300	-0.609	-54.397	<- 30.609	PASS
11N20SISO	2437	Ant1	10000	26000	100	300	-0.609	-44.207	<- 30.609	PASS
11N20SISO	2462	Ant1	30	10000	100	300	0.776	-54.134	<- 29.224	PASS
11N20SISO	2462	Ant1	10000	26000	100	300	0.776	-44.379	<- 29.224	PASS
11N40SISO	2422	Ant1	30	10000	100	300	-2.792	-54.753	<- 32.792	PASS
11N40SISO	2422	Ant1	10000	26000	100	300	-2.792	-43.863	<- 32.792	PASS
11N40SISO	2437	Ant1	30	10000	100	300	-2.208	-54.590	<- 32.208	PASS
11N40SISO	2437	Ant1	10000	26000	100	300	-2.208	-45.049	<- 32.208	PASS
11N40SISO	2452	Ant1	30	10000	100	300	-1.158	-53.525	<- 31.158	PASS



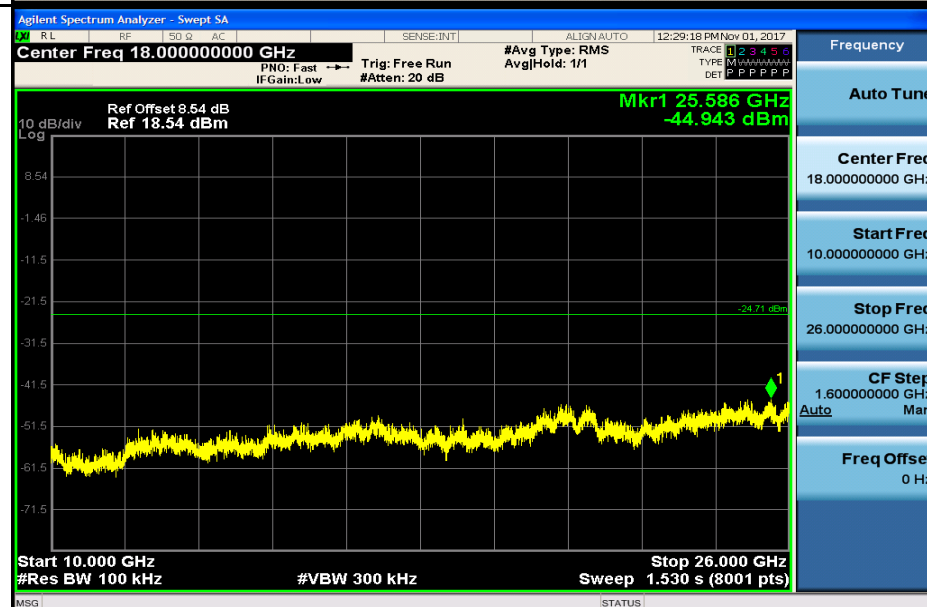
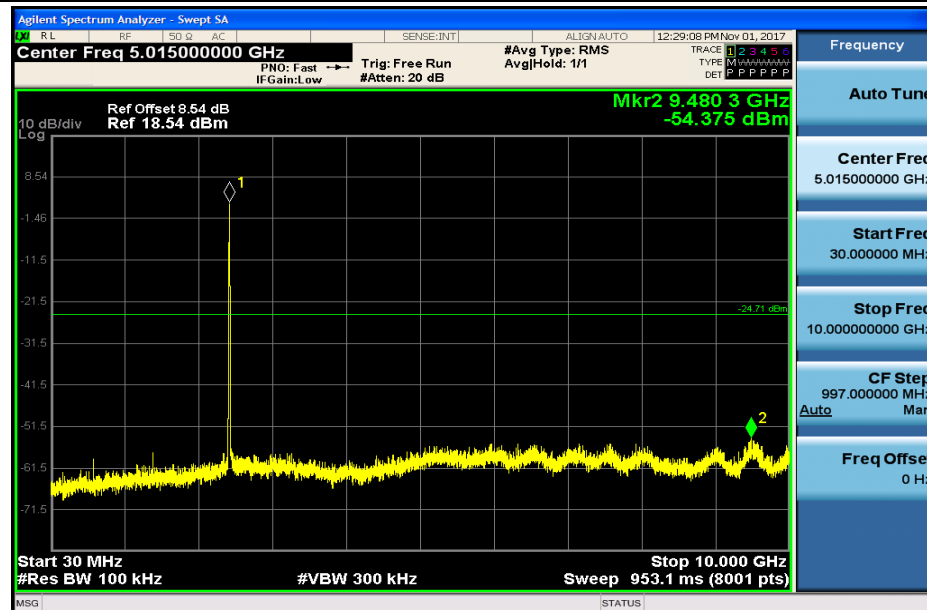
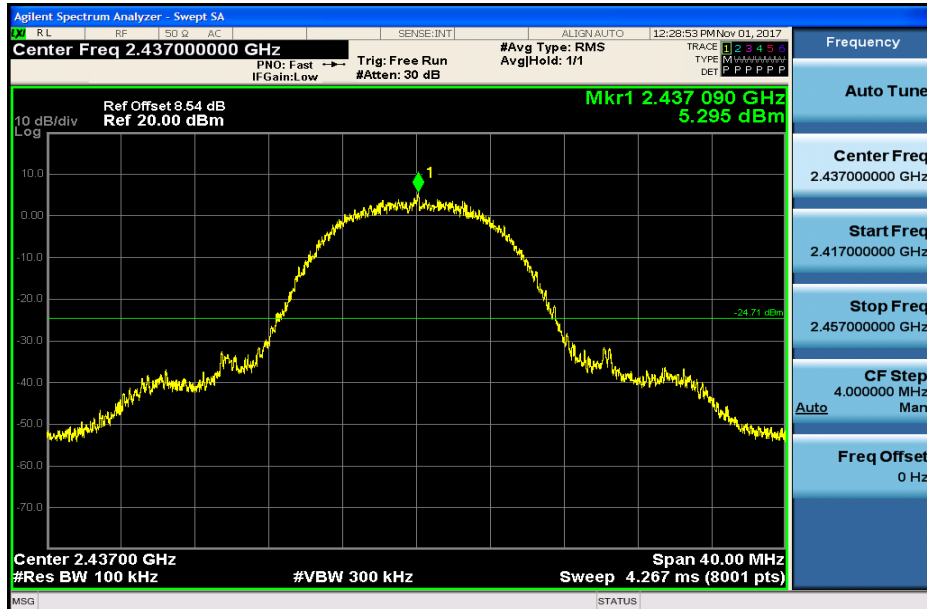
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

11N40SISO	2452	Ant1	10000	26000	100	300	-1.158	-44.723	<- 31.158	PASS
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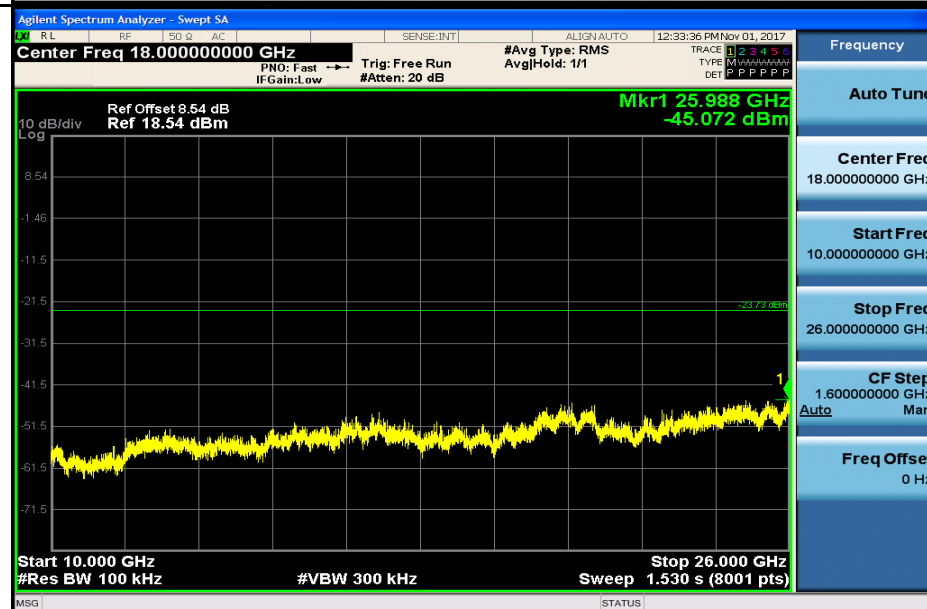
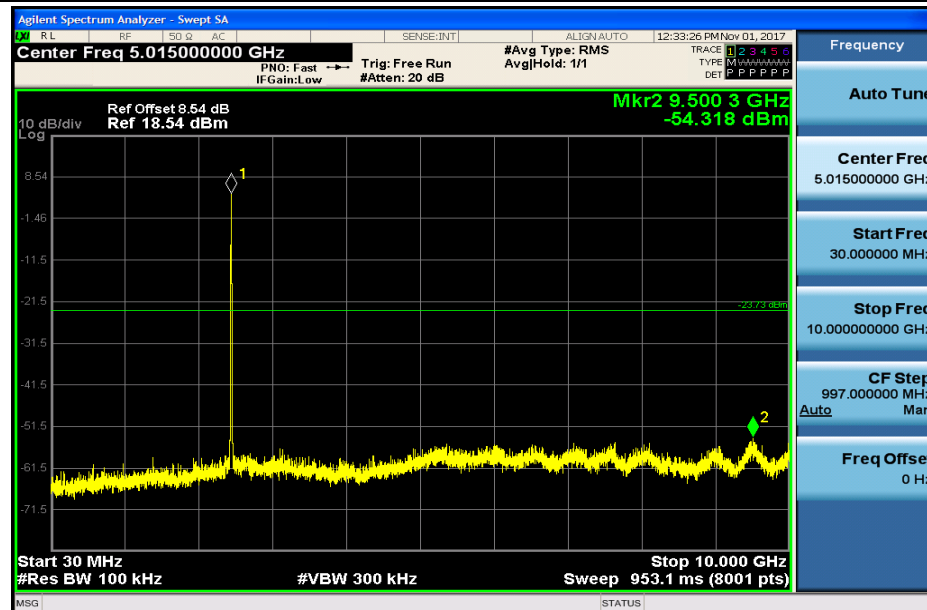
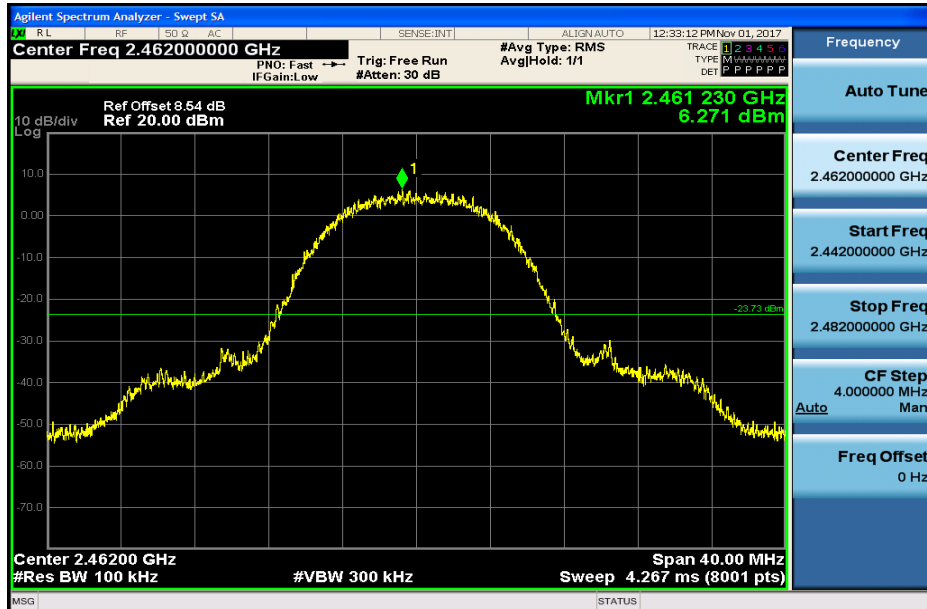
RF Conducted Spurious Emissions_11B_2412



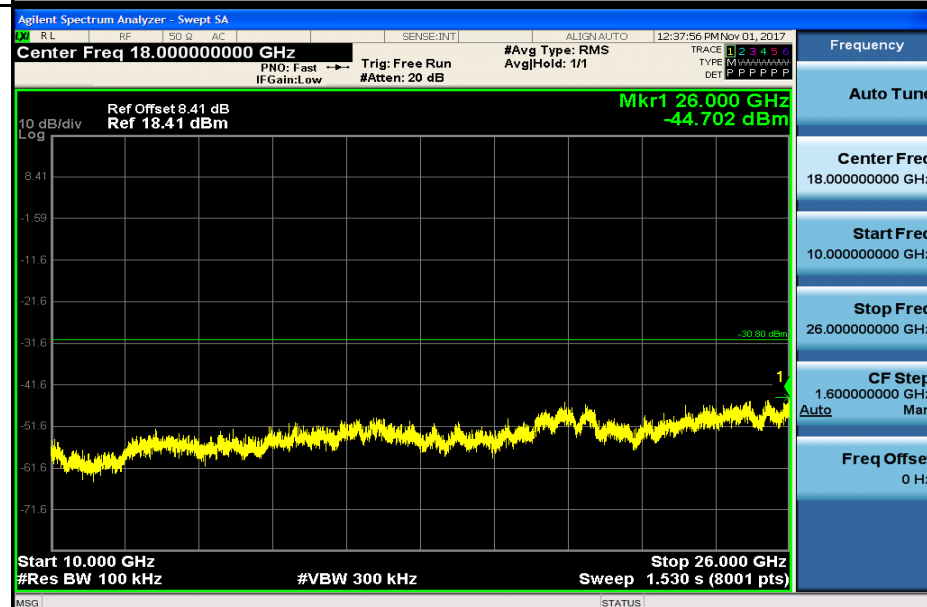
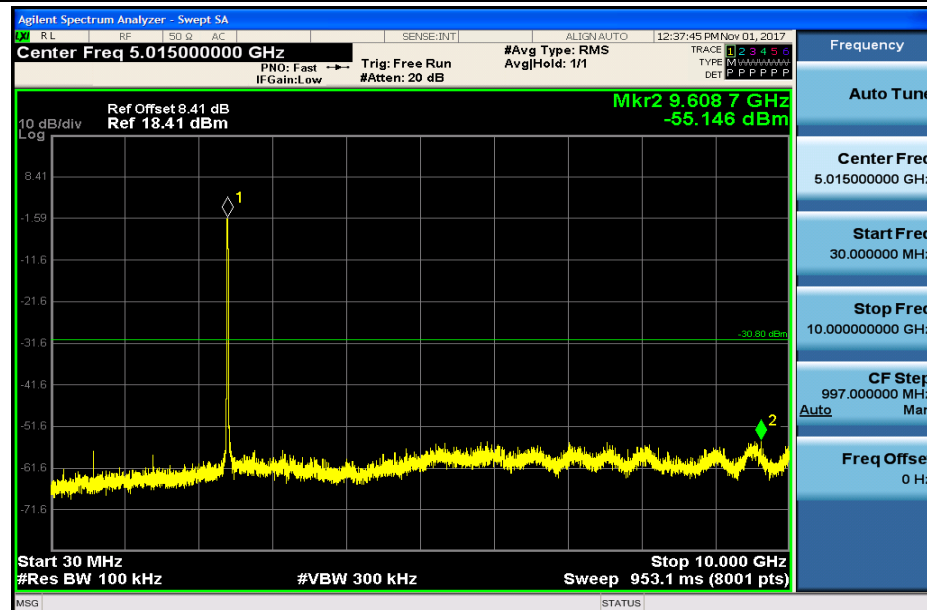
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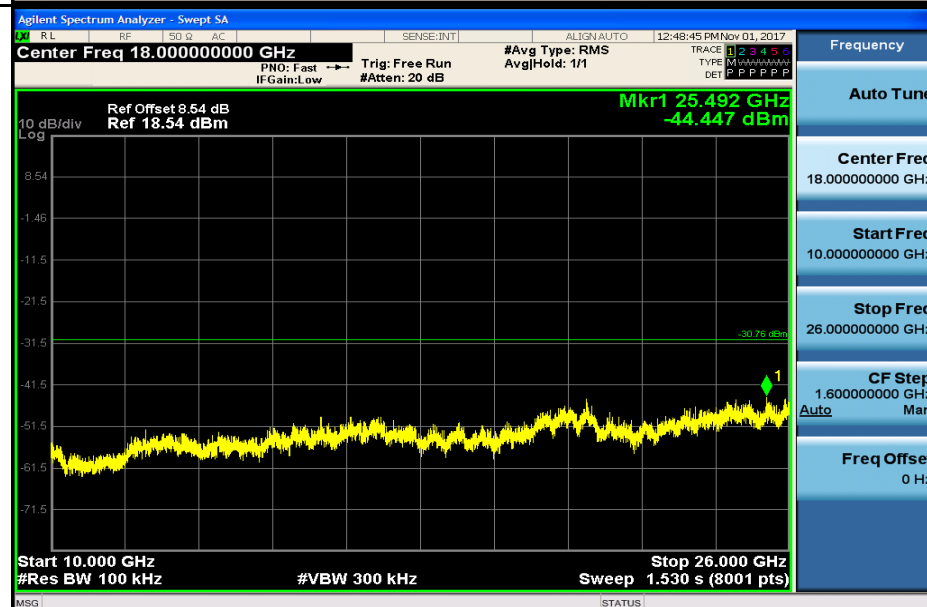
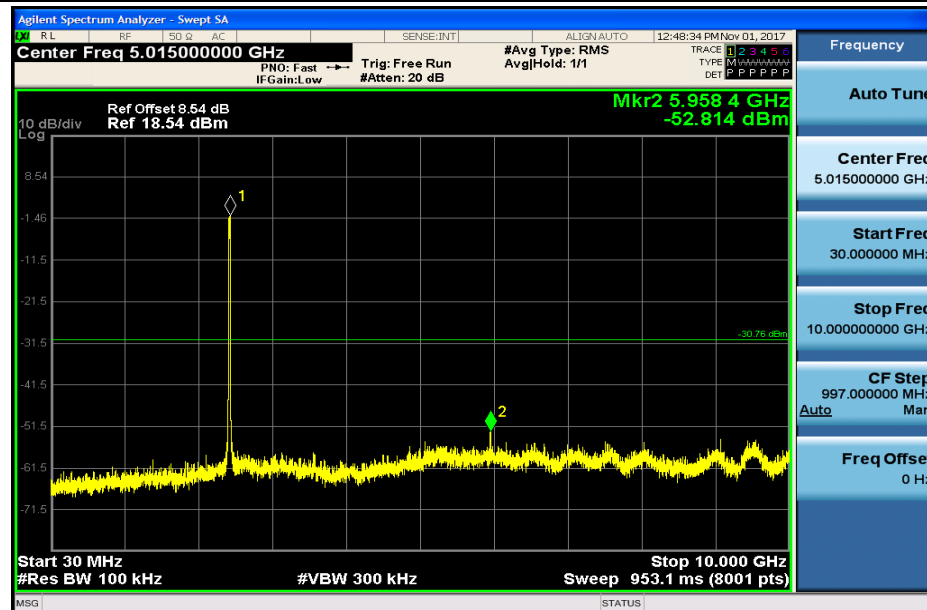
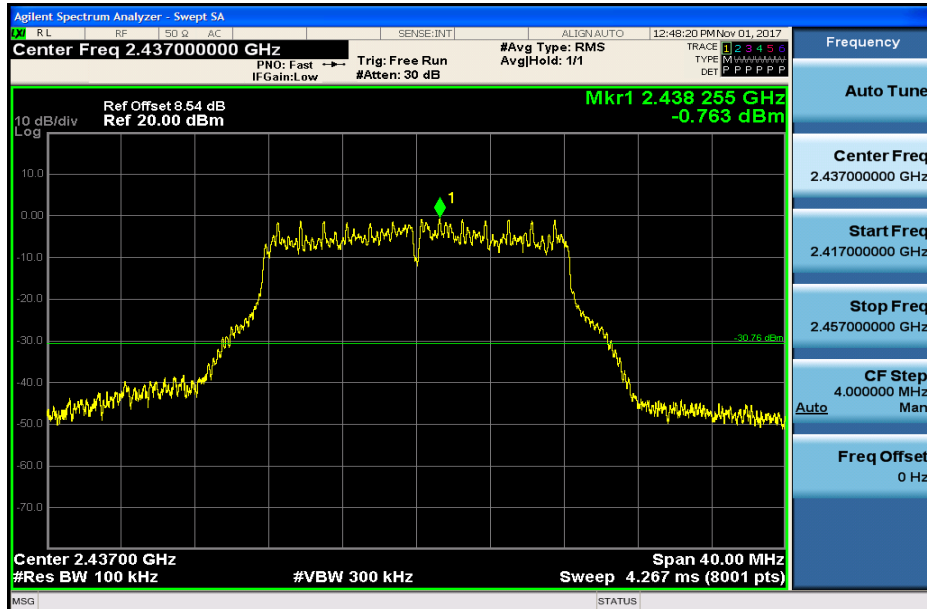
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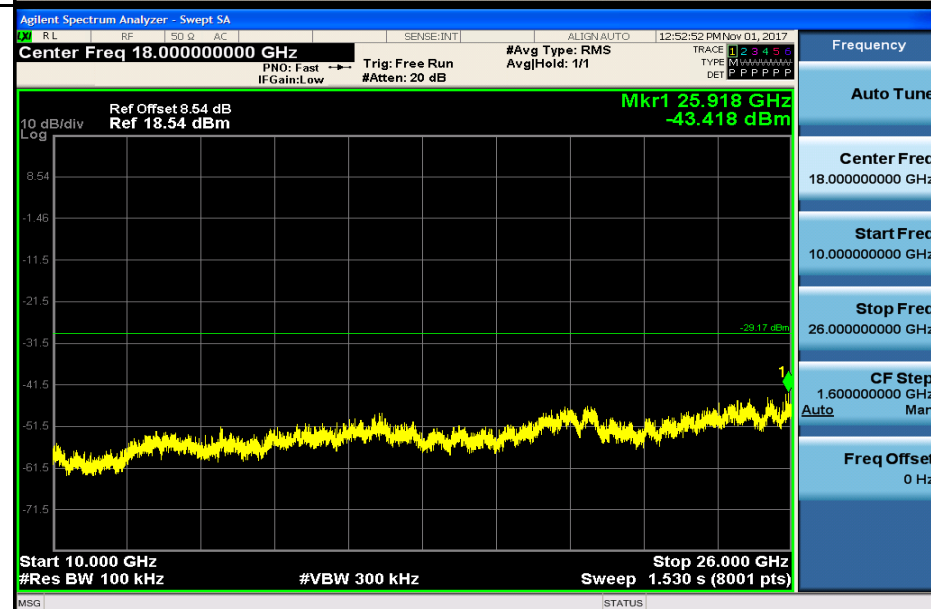
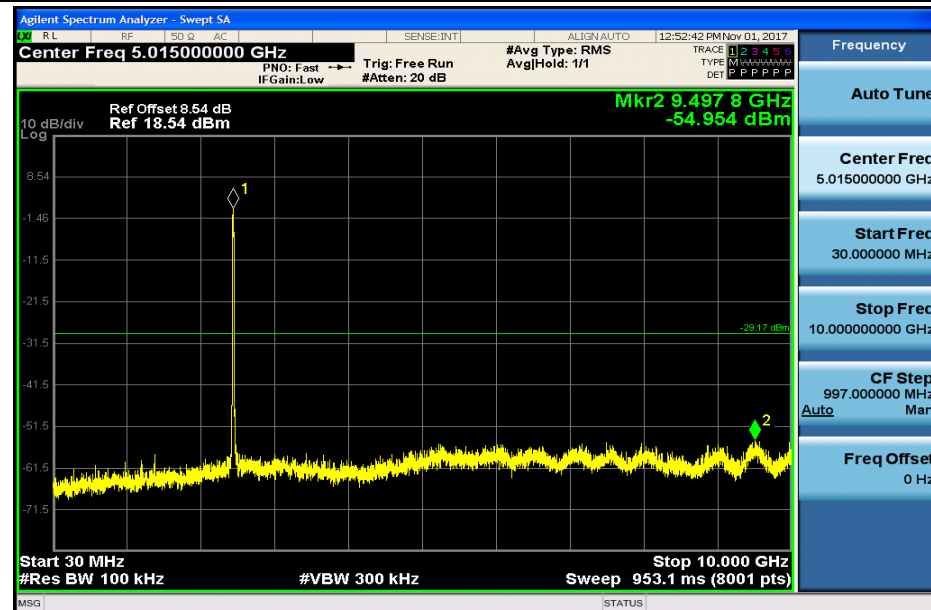
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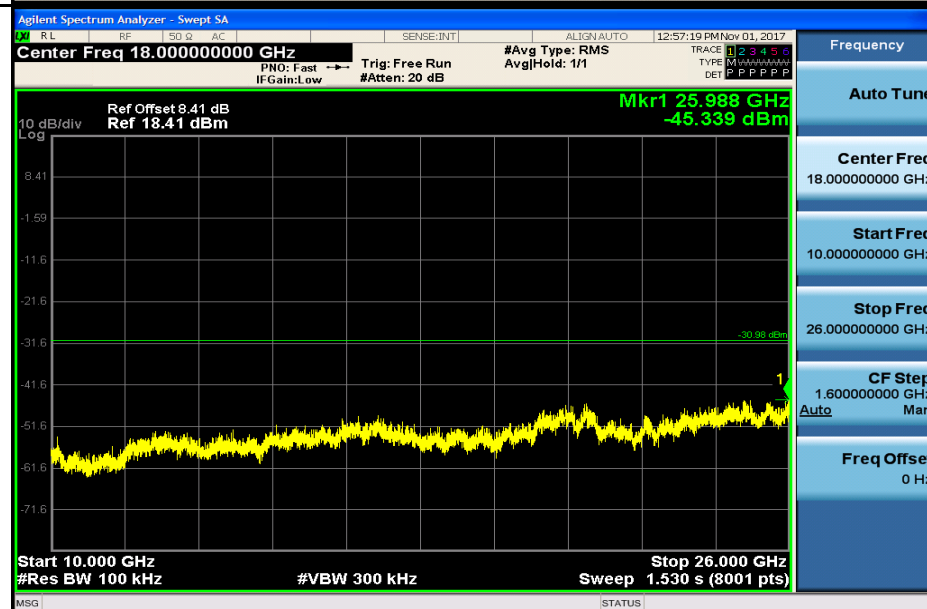
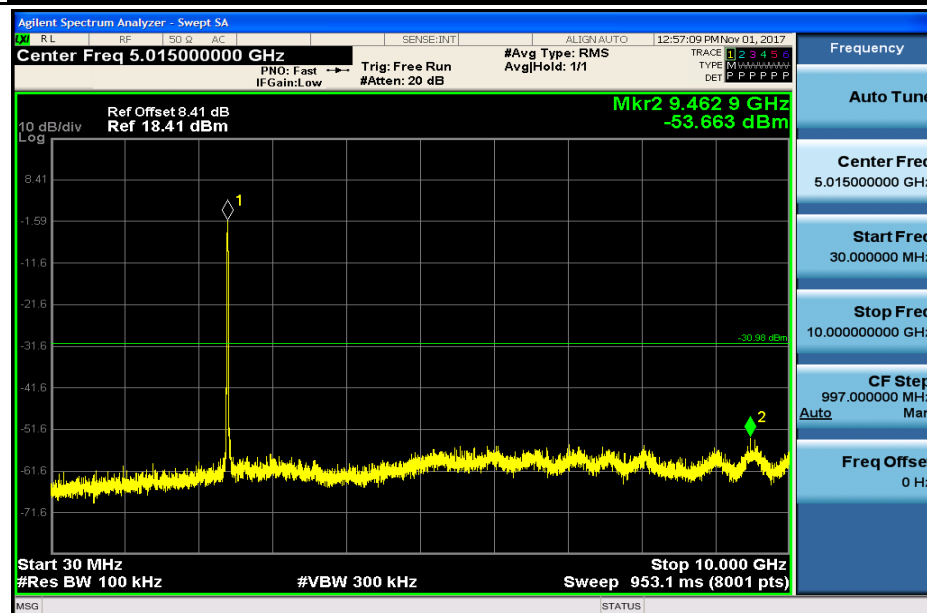
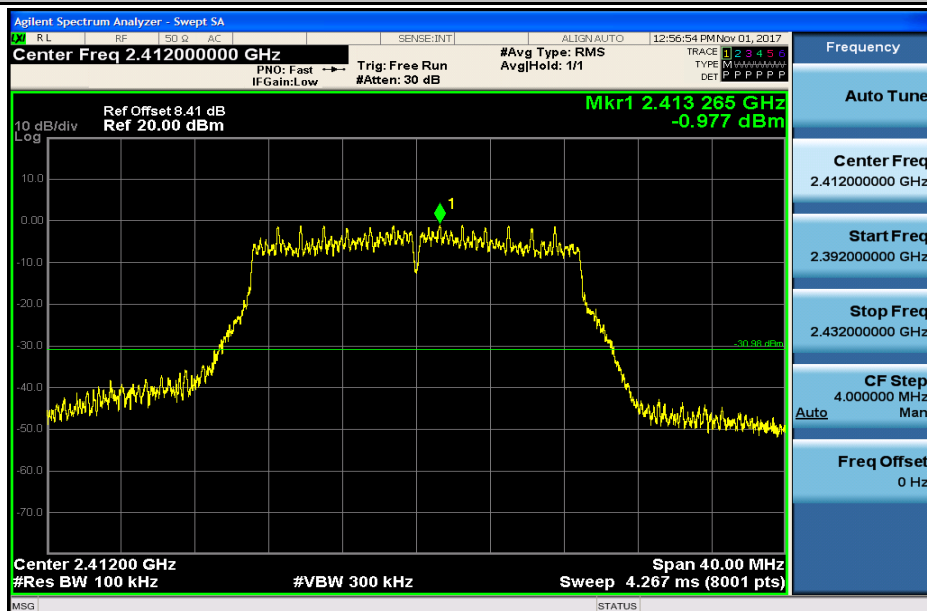
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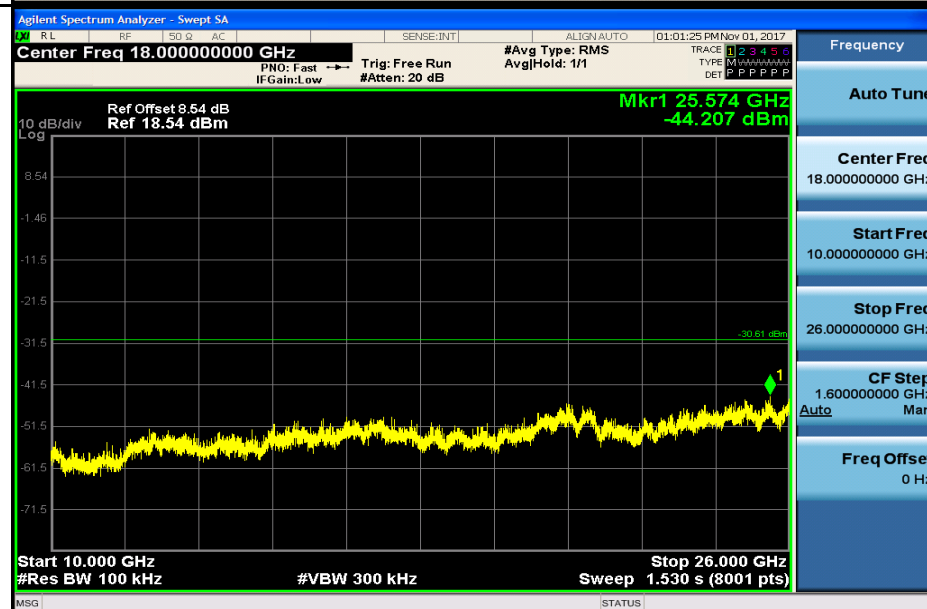
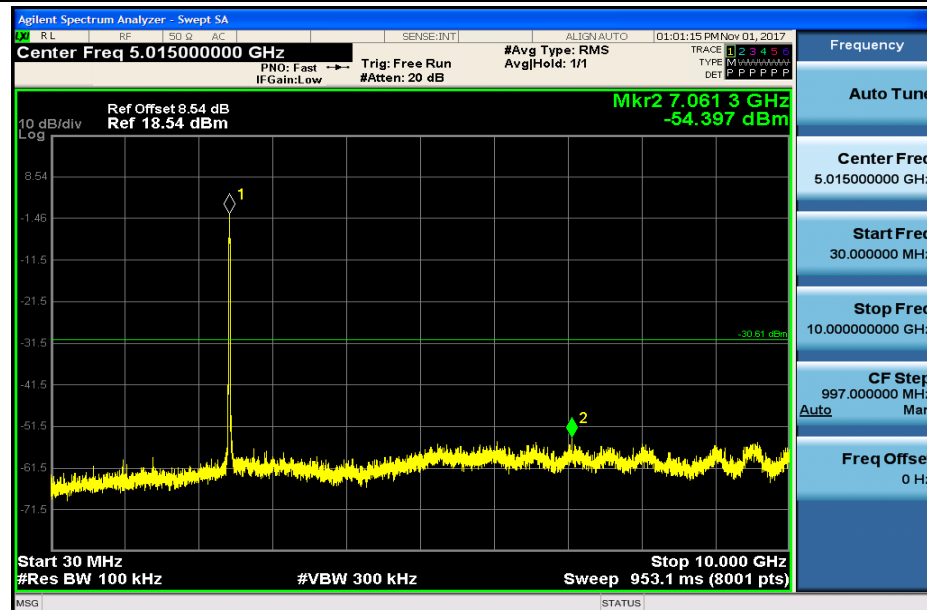
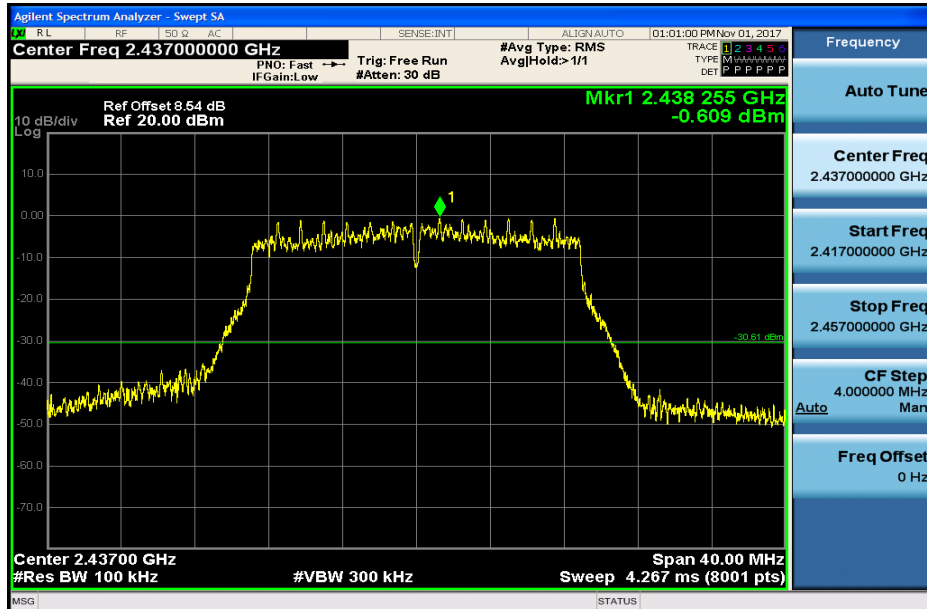
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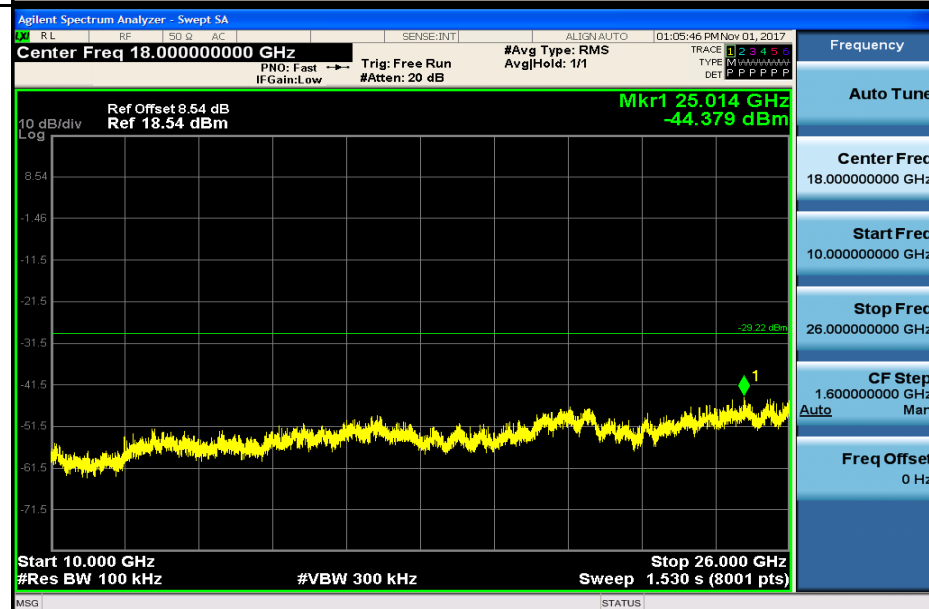
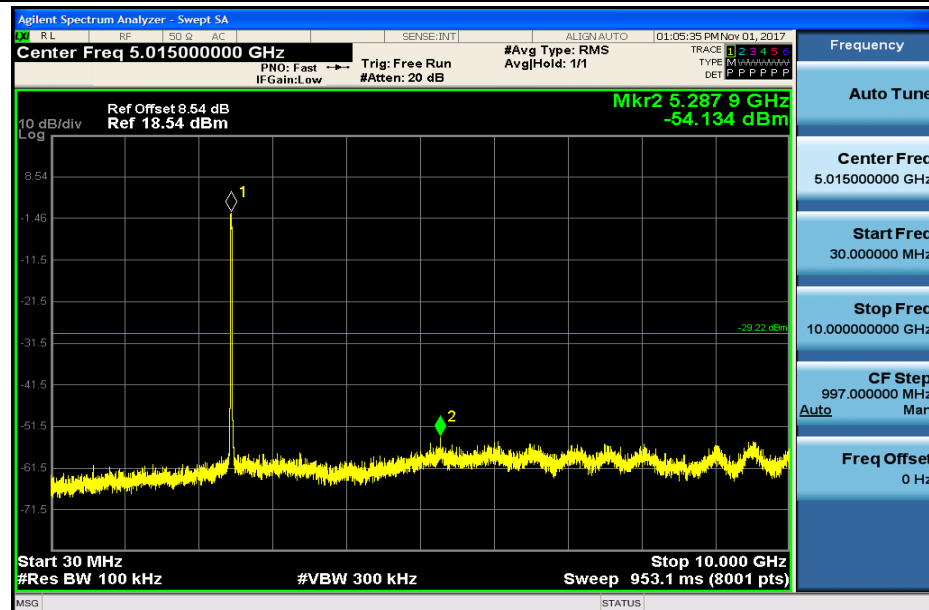
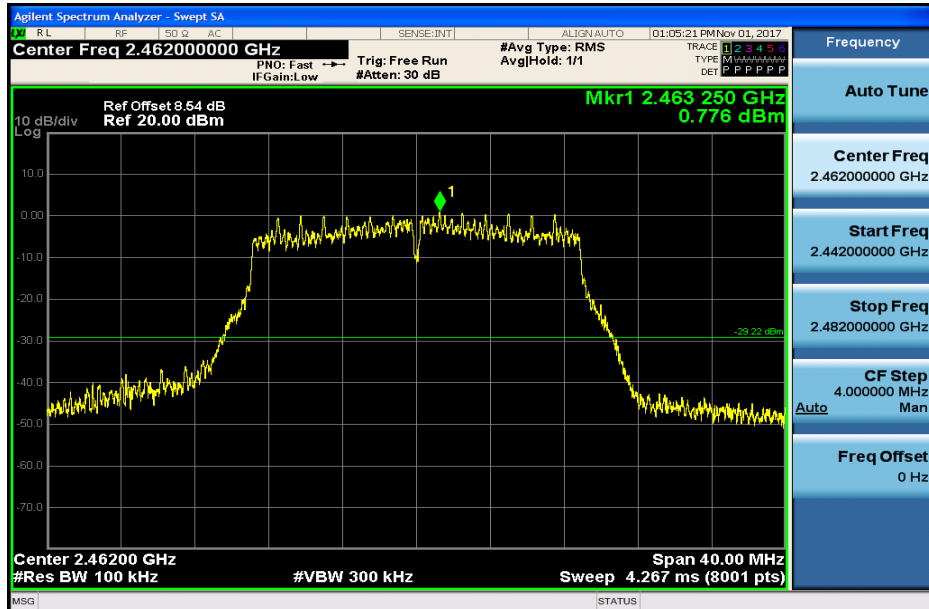
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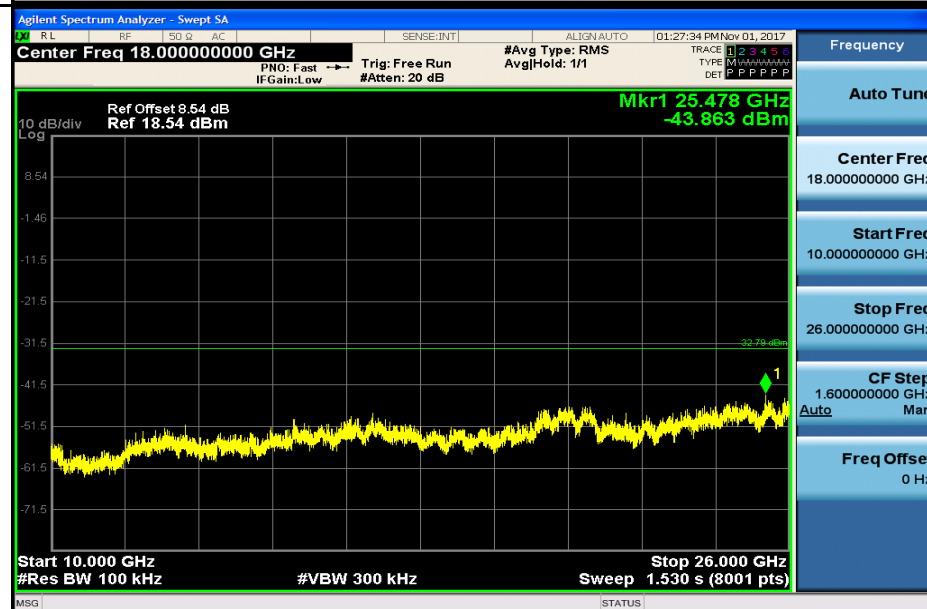
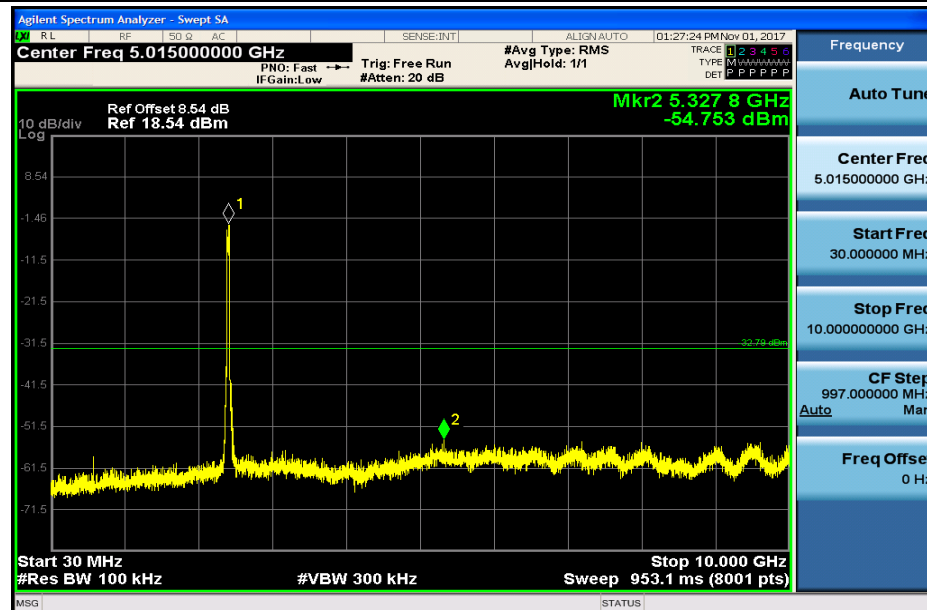
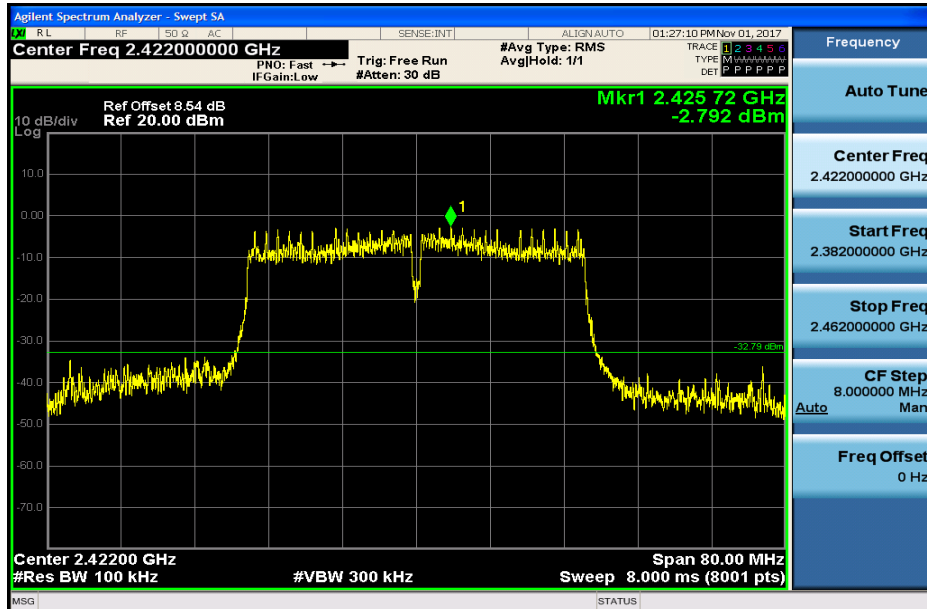
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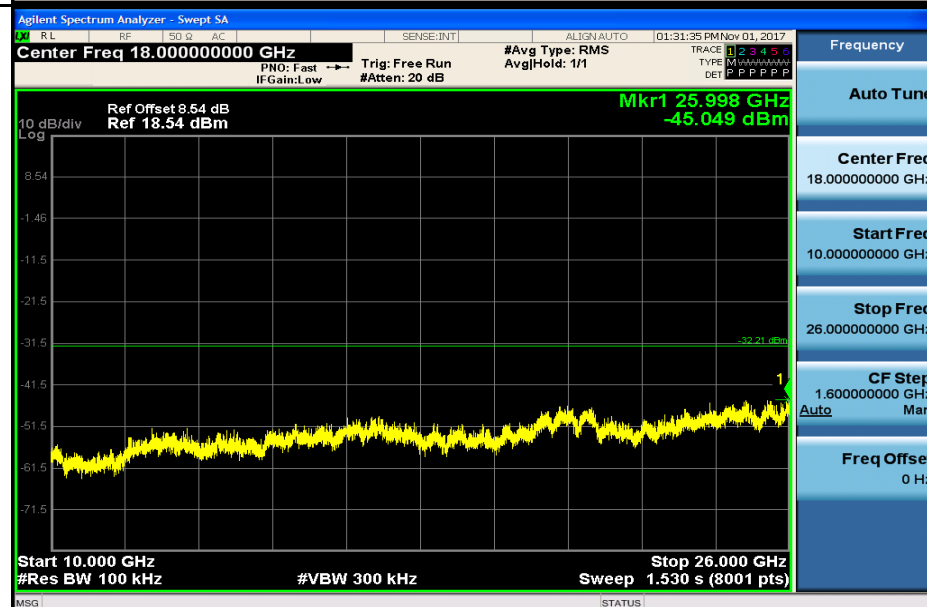
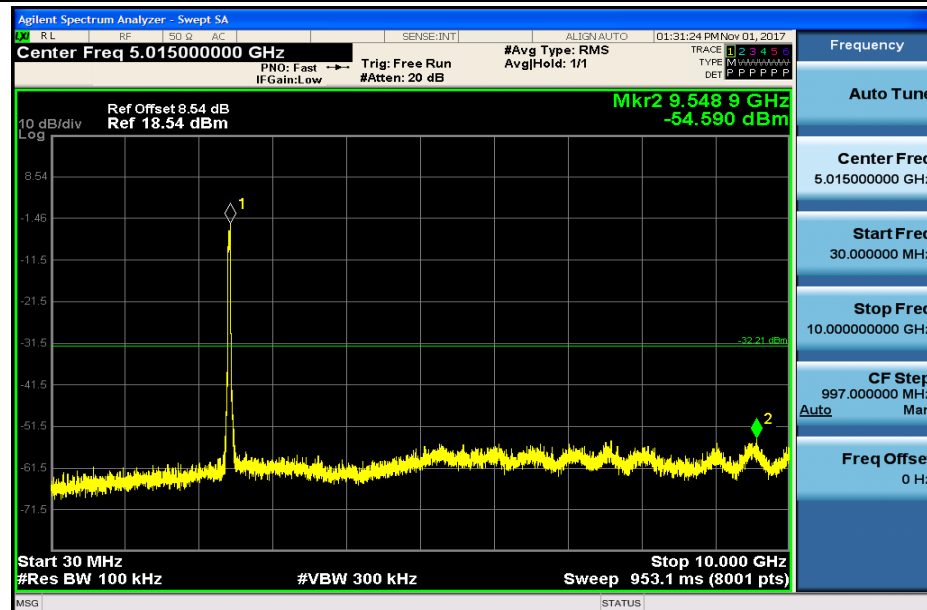
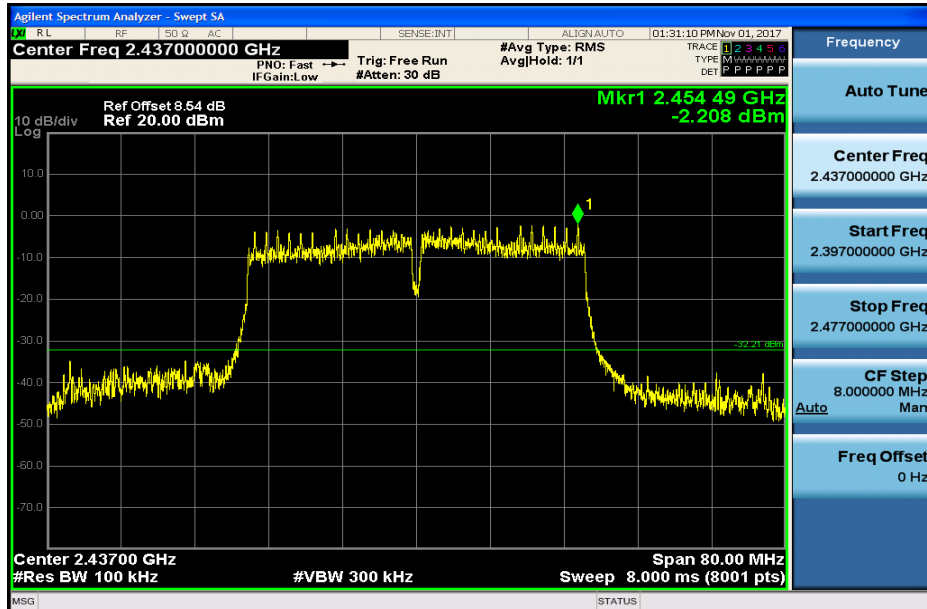
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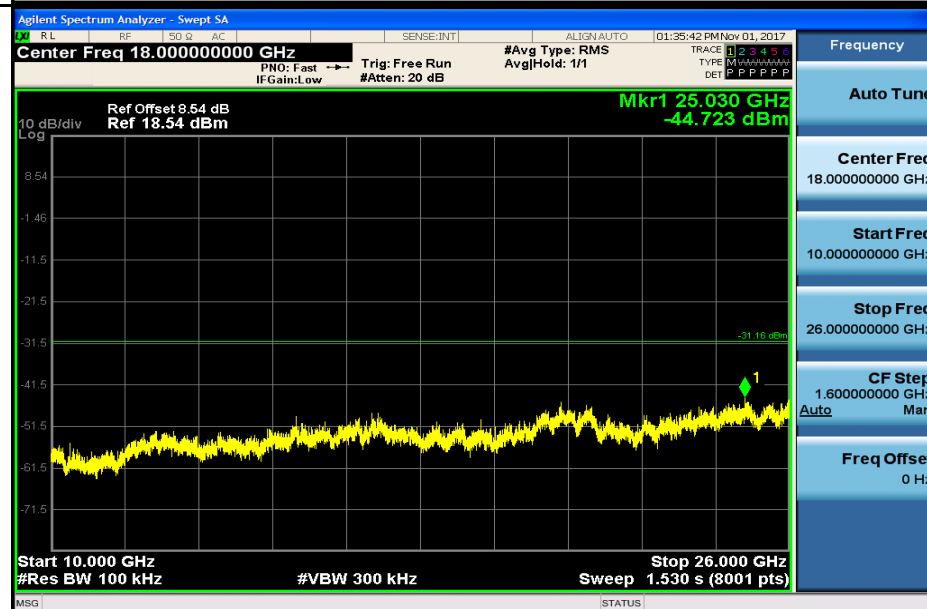
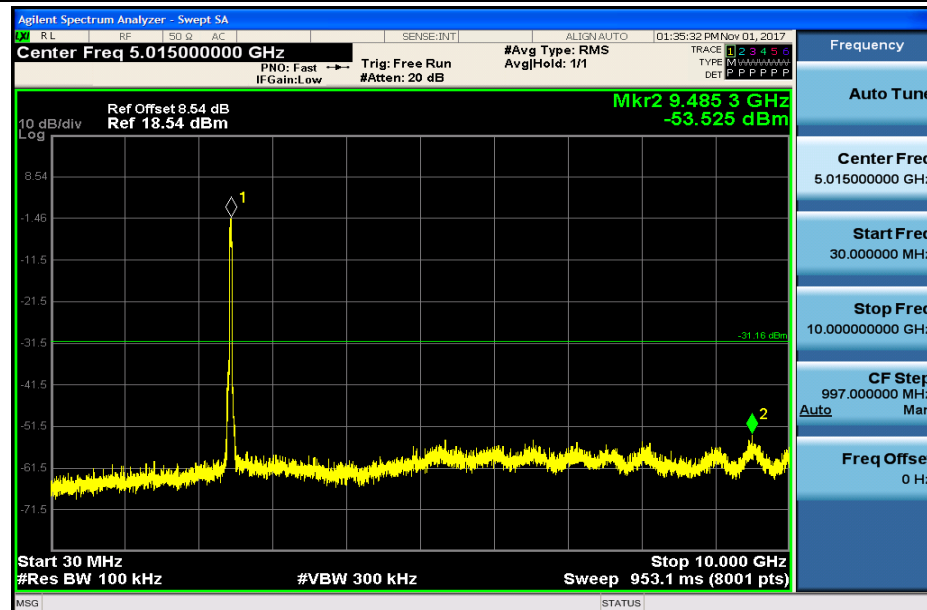
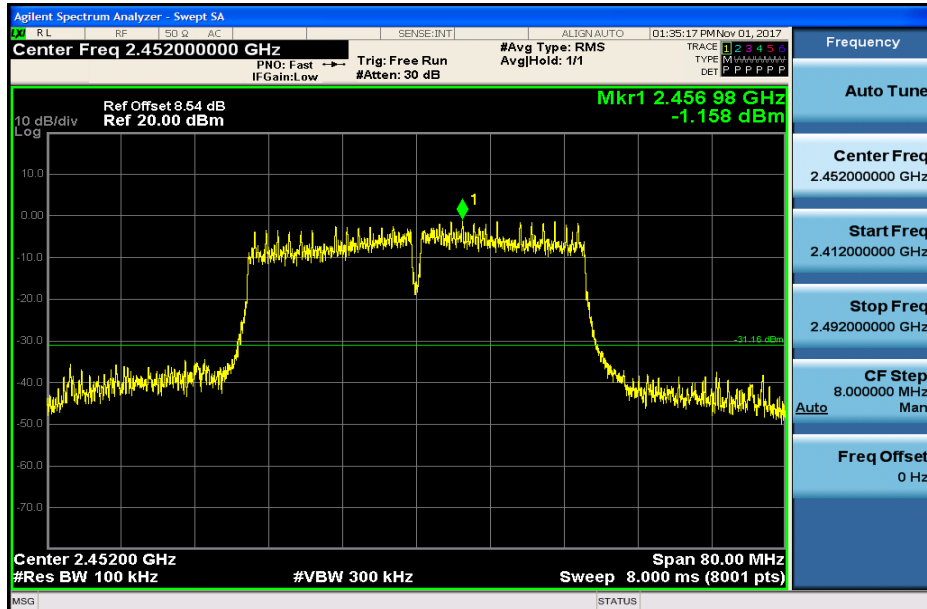
RF Conducted Spurious Emissions_11N40SISO_2422



RF Conducted Spurious Emissions_11N40SISO_2437



RF Conducted Spurious Emissions_11N40SISO_2452

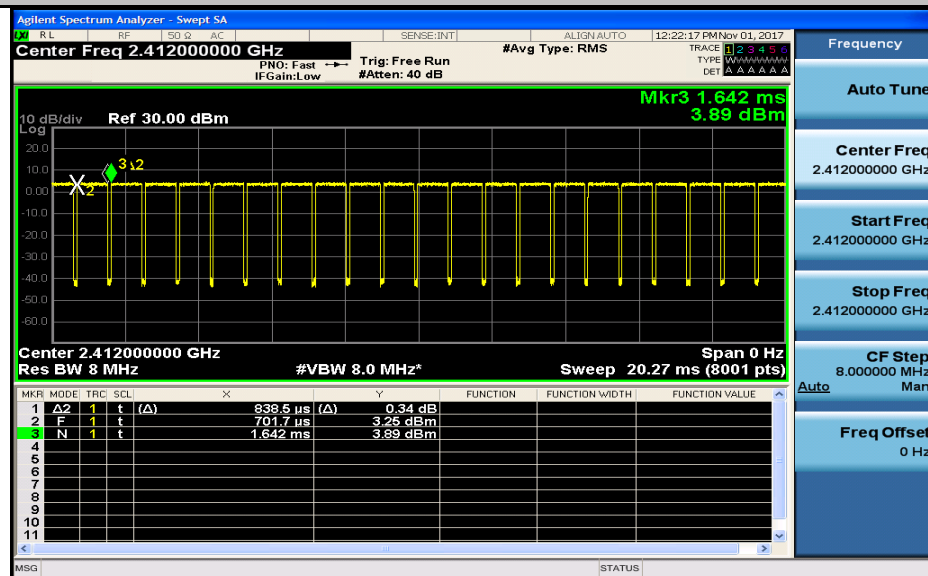




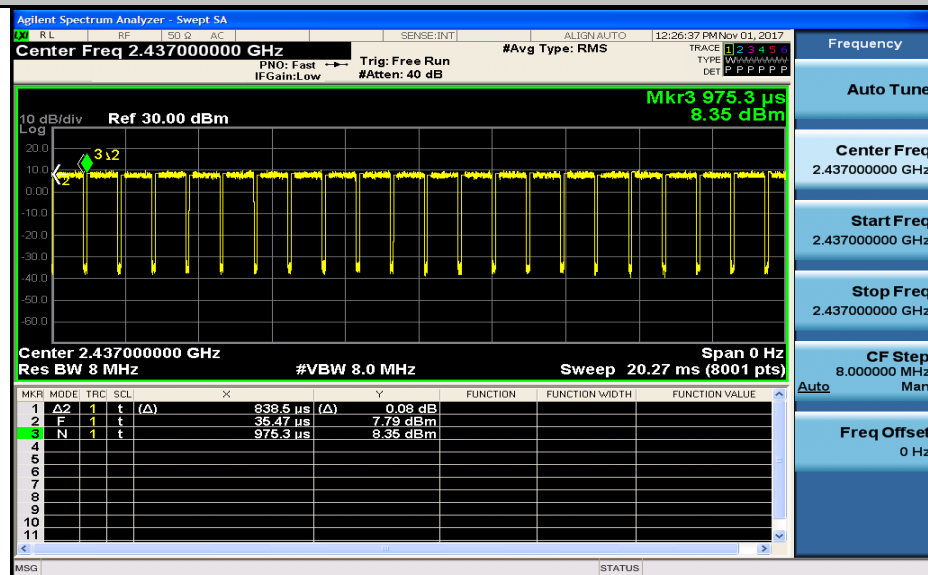
7.Duty Cycle

Test Mode	Test Channel	Ant	Duty Cycle[%]	10log(1/x) Factor[dB]
11B	2412	Ant1	89.22	0.495377810944021
11B	2437	Ant1	89.22	0.495377810944021
11B	2462	Ant1	89.46	0.483711061633618
11G	2412	Ant1	60.91	2.15311400498579
11G	2437	Ant1	60.91	2.15311400498579
11G	2462	Ant1	60.91	2.15311400498579
11N20SISO	2412	Ant1	60	2.21848749616356
11N20SISO	2437	Ant1	59.43	2.25994269741791
11N20SISO	2462	Ant1	59.05	2.28780098050466
11N40SISO	2422	Ant1	53.85	2.68814292366
11N40SISO	2437	Ant1	53.85	2.68814292366
11N40SISO	2452	Ant1	53.85	2.68814292366

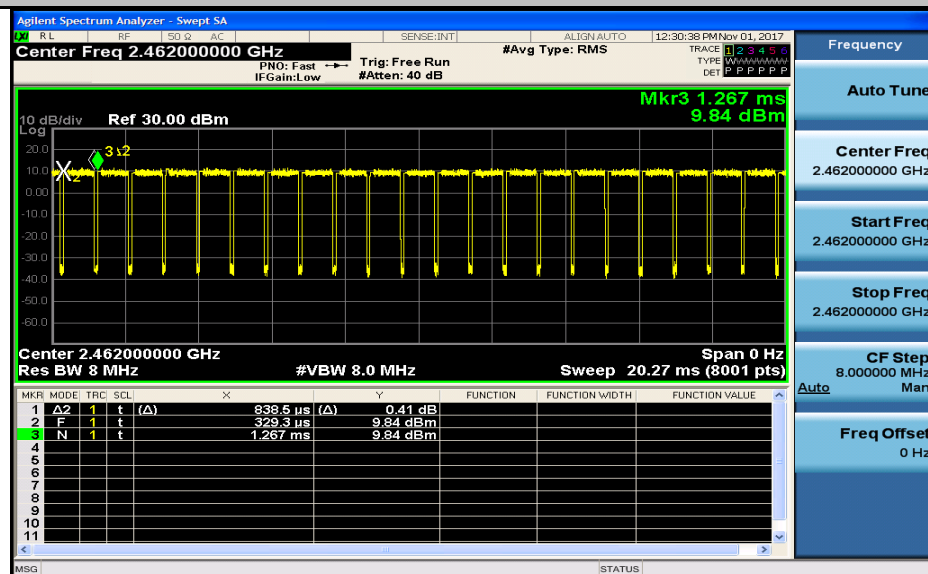
Duty Cycle_11B_2412_Ant1



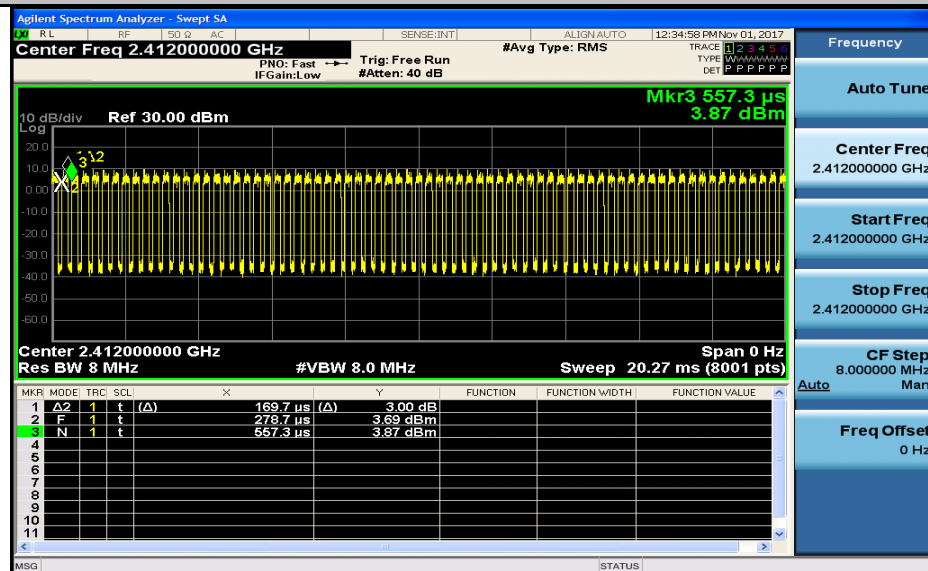
Duty Cycle_11B_2437_Ant1



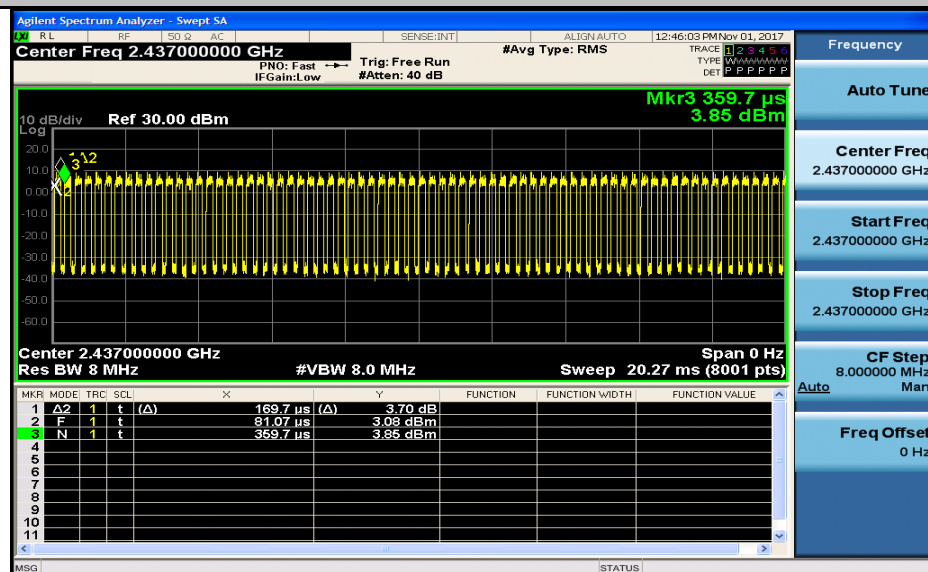
Duty Cycle_11B_2462_Ant1



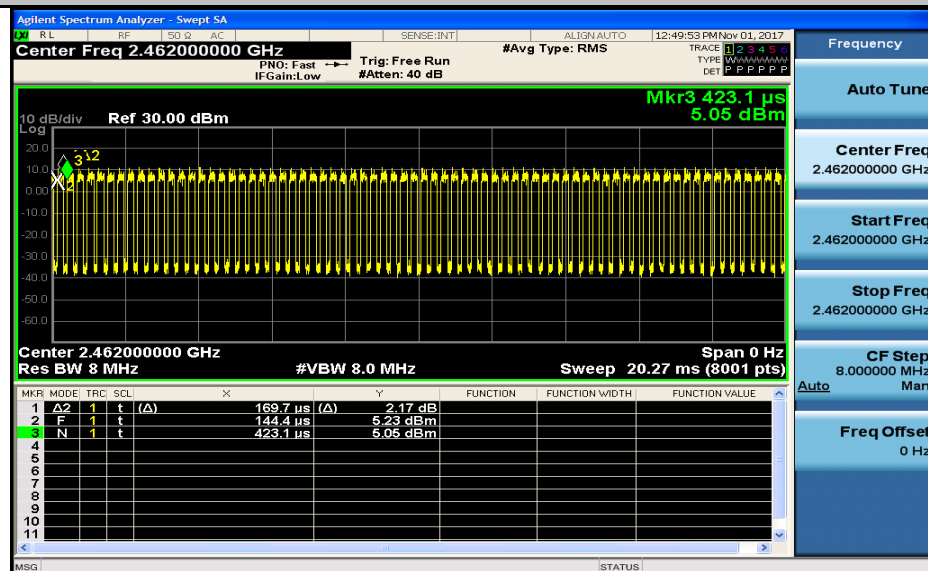
Duty Cycle_11G_2412_Ant1



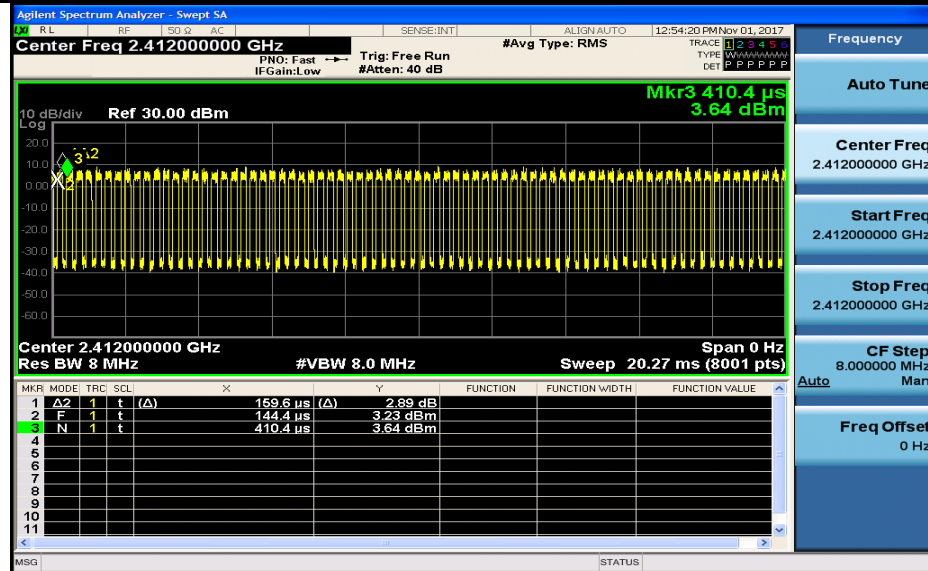
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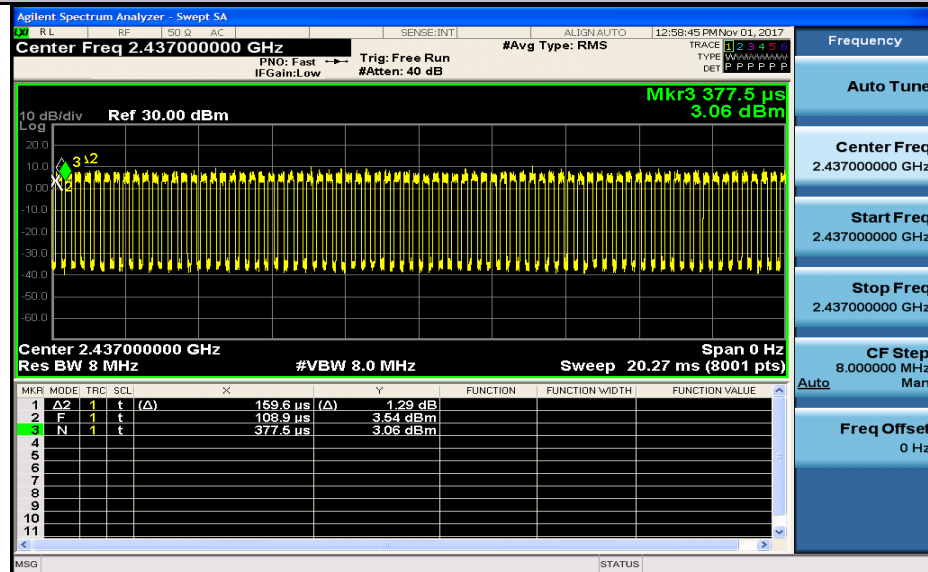
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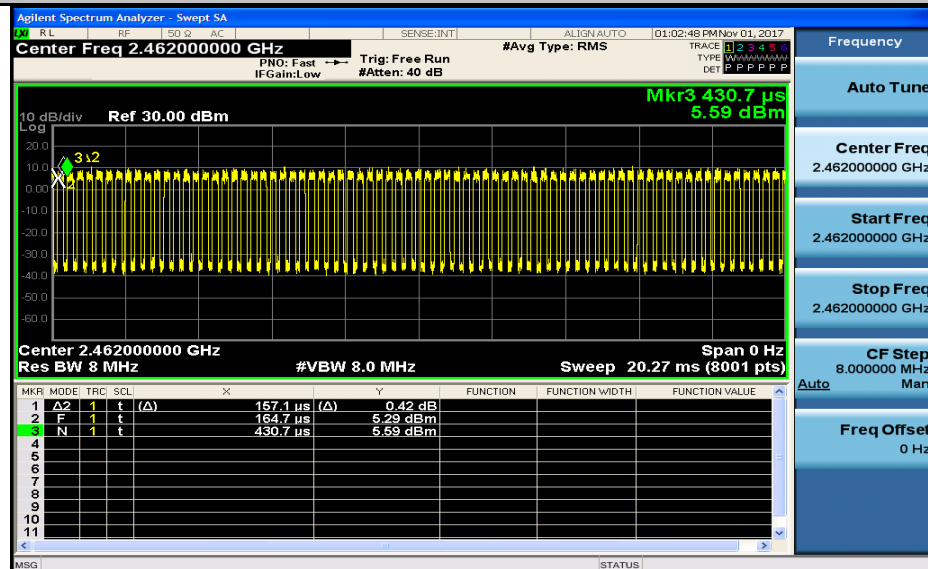
Duty Cycle_11N20SISO_2412_Ant1



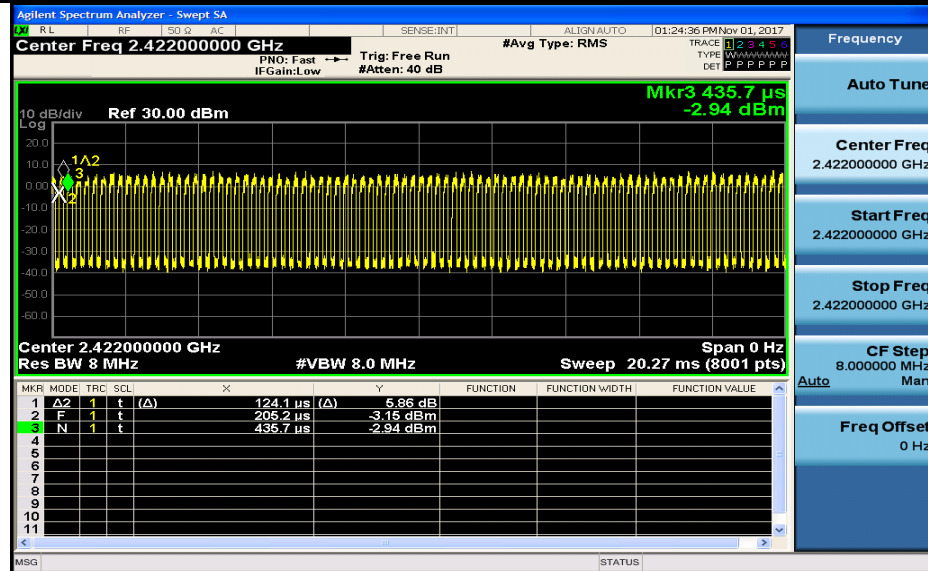
Duty Cycle_11N20SISO_2437_Ant1



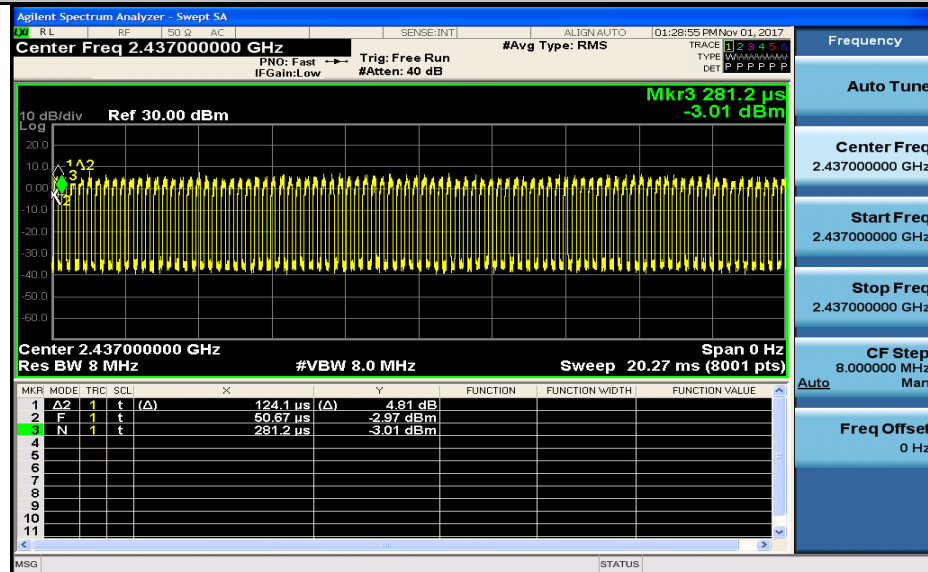
Duty Cycle_11N20SISO_2462_Ant1



Duty Cycle_11N40SISO_2422_Ant1



Duty Cycle_11N40SISO_2437_Ant1



Duty Cycle_11N40SISO_2452_Ant1

