Appendix A for SHCR211100071201

1.6dB Bandwidth

Test Mode	Test Channel	Ant	EBW[MHz]	Limit	Verdict
11B	2412	Ant1	7.56	0.5	PASS
11B	2437	Ant1	7.58	0.5	PASS
11B	2462	Ant1	7.53	0.5	PASS
11G	2412	Ant1	15.12	0.5	PASS
11G	2437	Ant1	15.45	0.5	PASS
11G	2462	Ant1	15.10	0.5	PASS
11N20SISO	2412	Ant1	15.19	0.5	PASS
11N20SISO	2437	Ant1	15.74	0.5	PASS
11N20SISO	2462	Ant1	15.14	0.5	PASS

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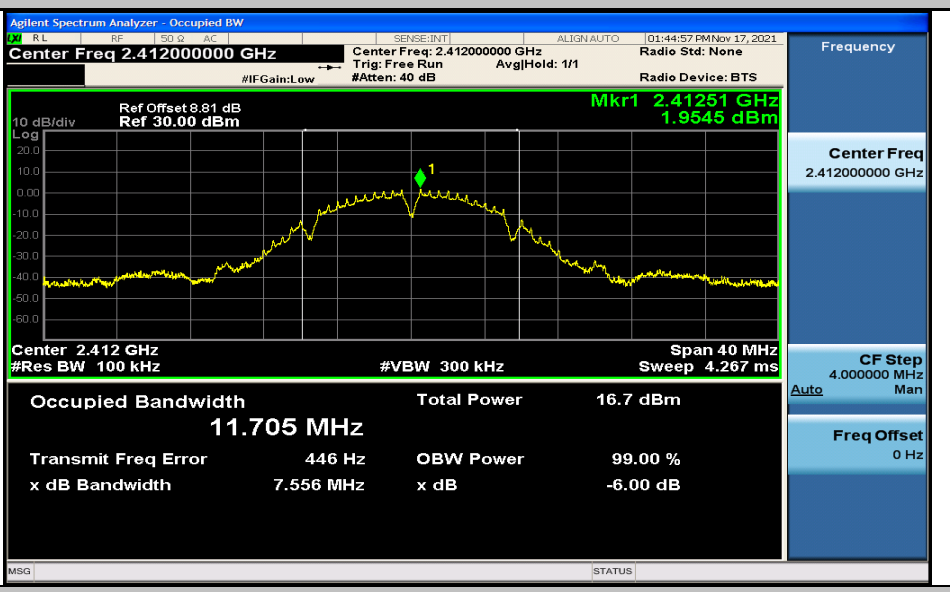
6dB Bandwidth_11B_2412_Ant1



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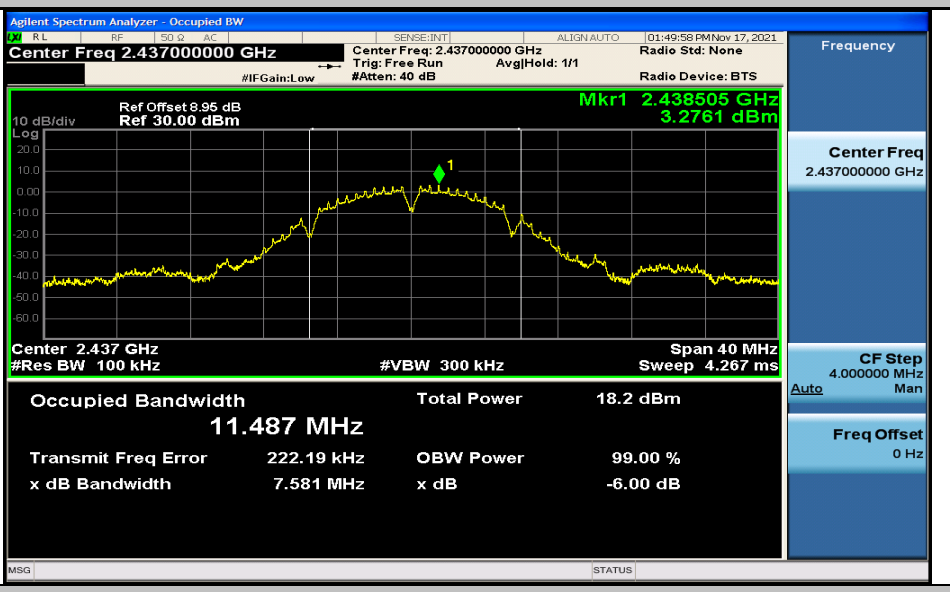

6dB Bandwidth_11B_2462_Ant1

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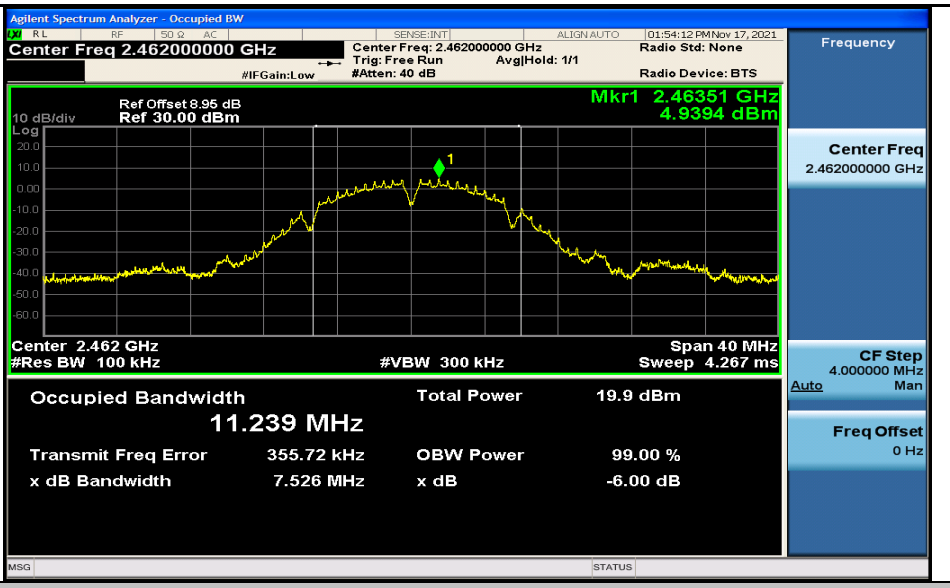

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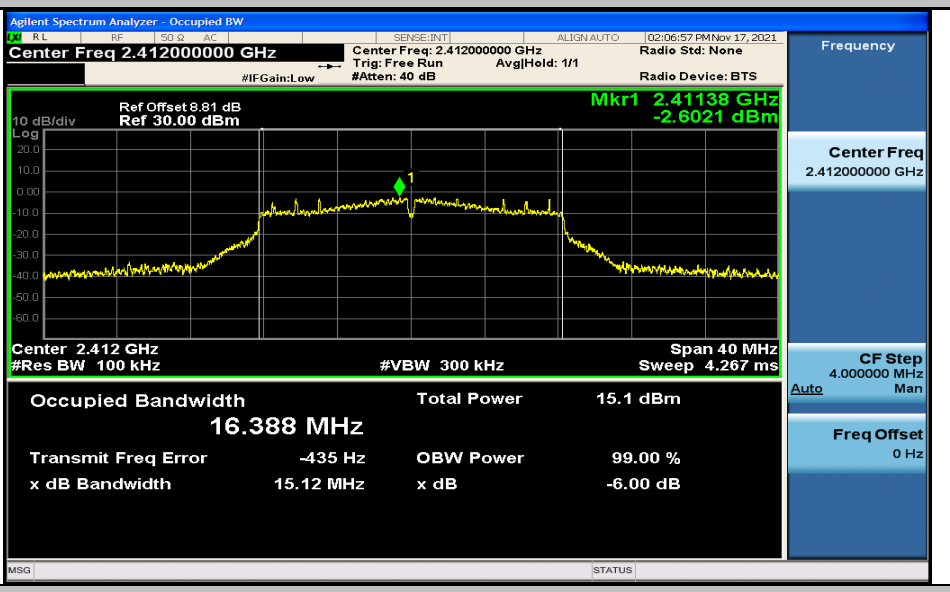

6dB Bandwidth_11G_2437_Ant1

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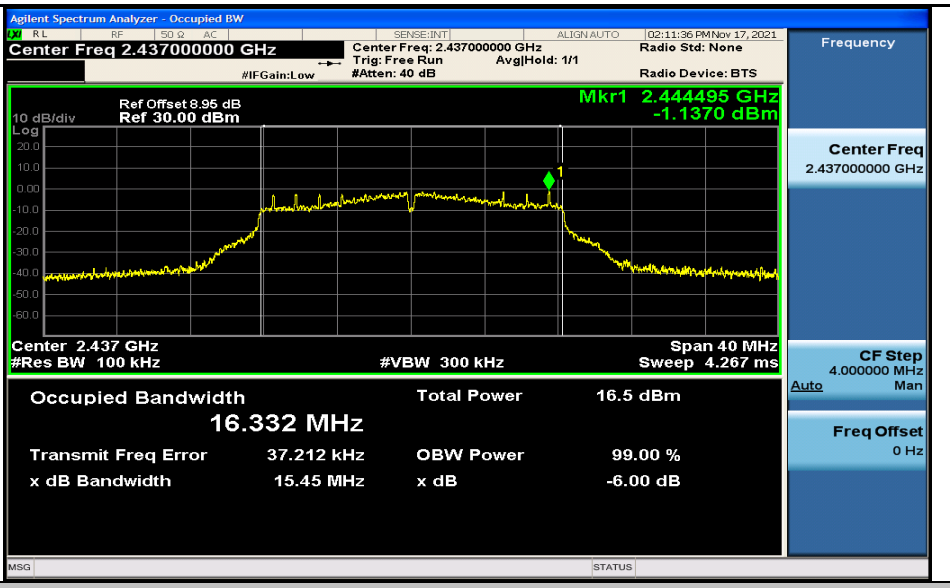

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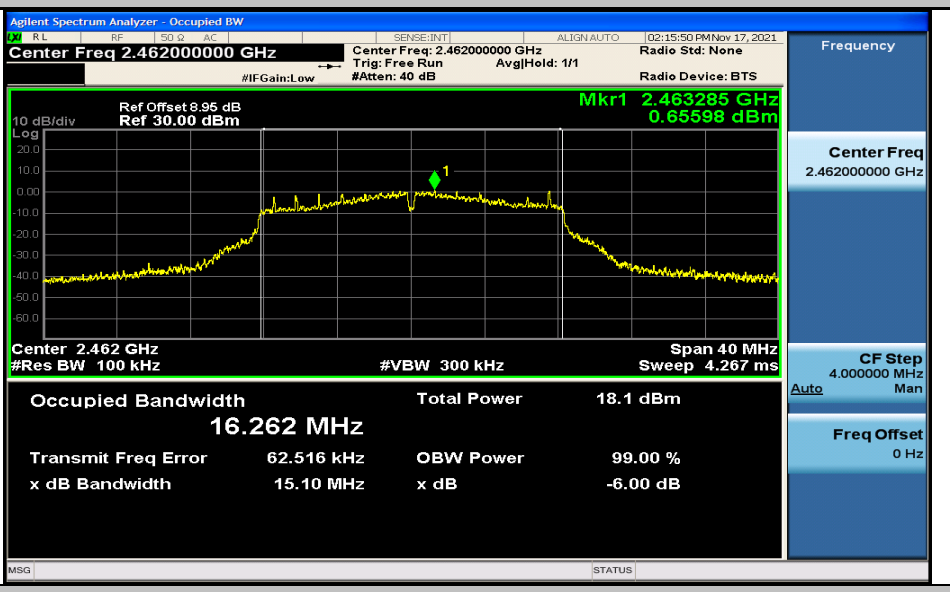

6dB Bandwidth_11N20SISO_2412_Ant1

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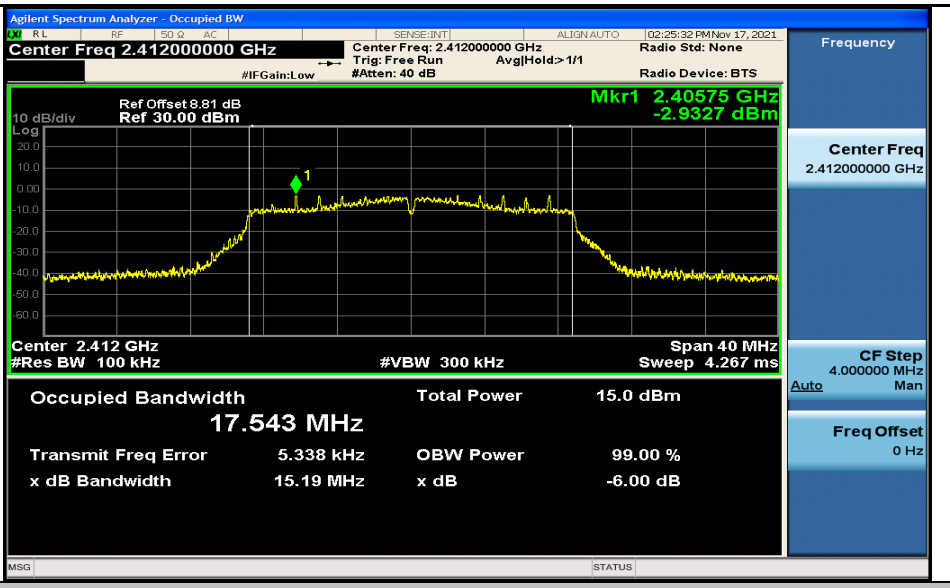

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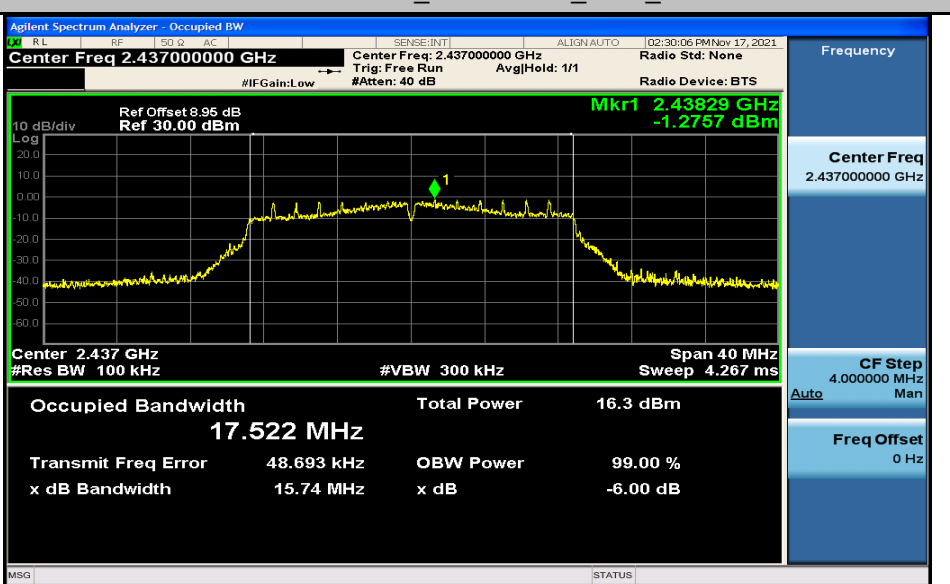

6dB Bandwidth_11N20SISO_2462_Ant1

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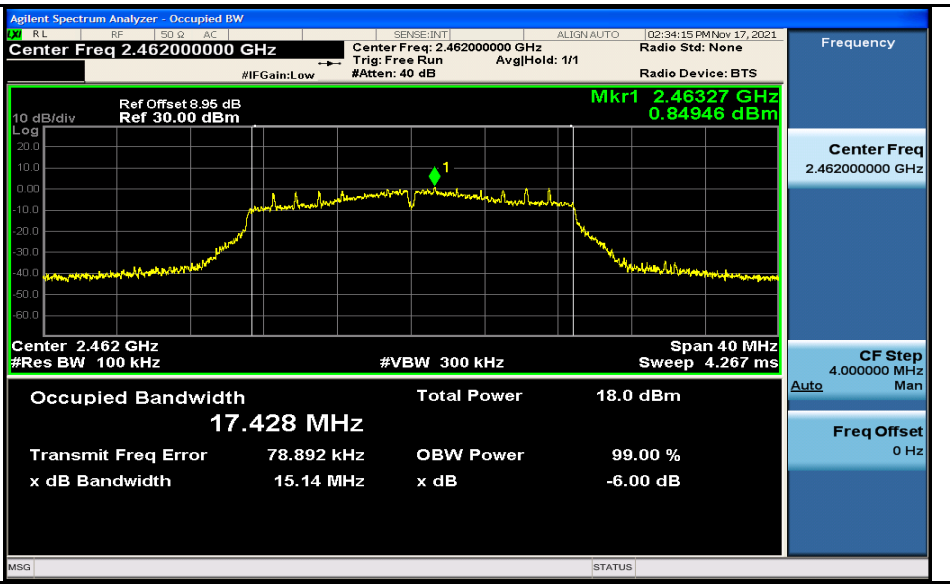

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2.Occupied Bandwidth

Test Mode	Test Channel	Ant	OBW[MHz]	Limit[MHz]	Verdict
11B	2412	Ant1	11.93	---	PASS
11B	2437	Ant1	11.82	---	PASS
11B	2462	Ant1	11.53	---	PASS
11G	2412	Ant1	16.77	---	PASS
11G	2437	Ant1	16.65	---	PASS
11G	2462	Ant1	16.45	---	PASS
11N20SISO	2412	Ant1	17.75	---	PASS
11N20SISO	2437	Ant1	17.75	---	PASS
11N20SISO	2462	Ant1	17.57	---	PASS

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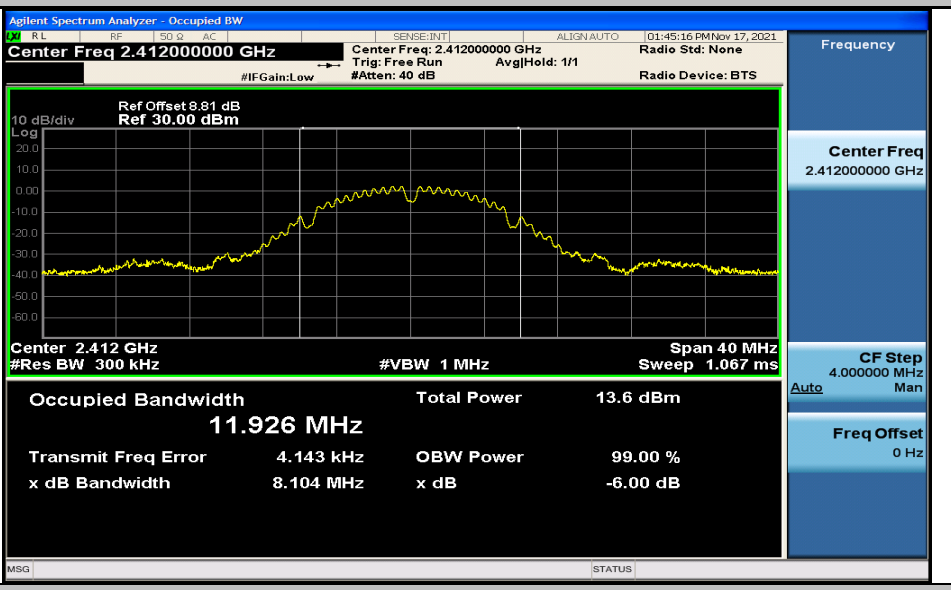
Occupied Bandwidth_11B_2412



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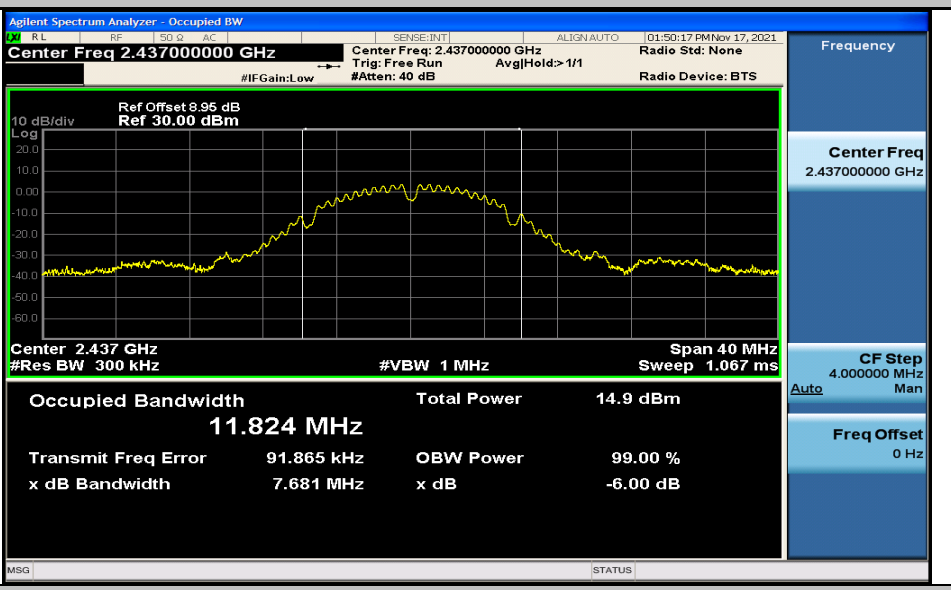

Occupied Bandwidth_11B_2462

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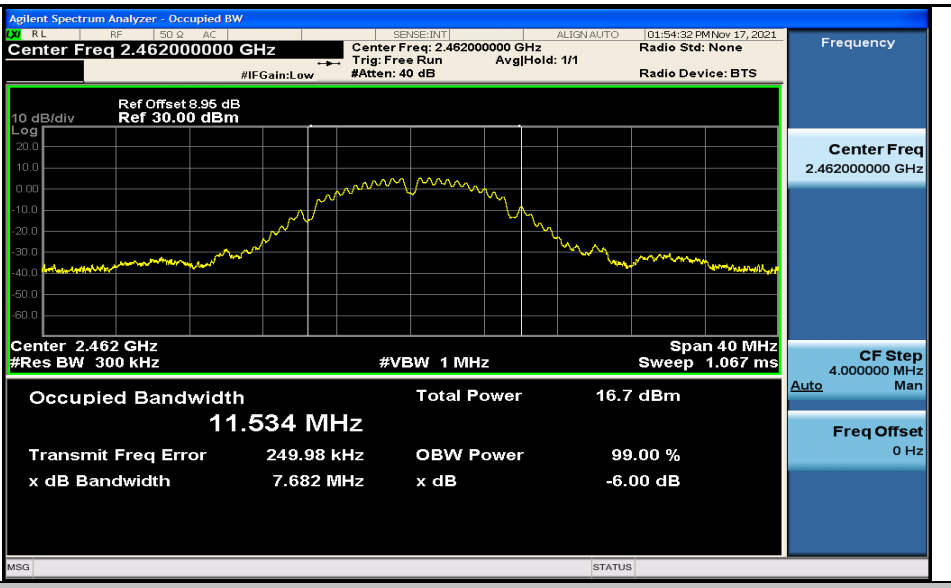

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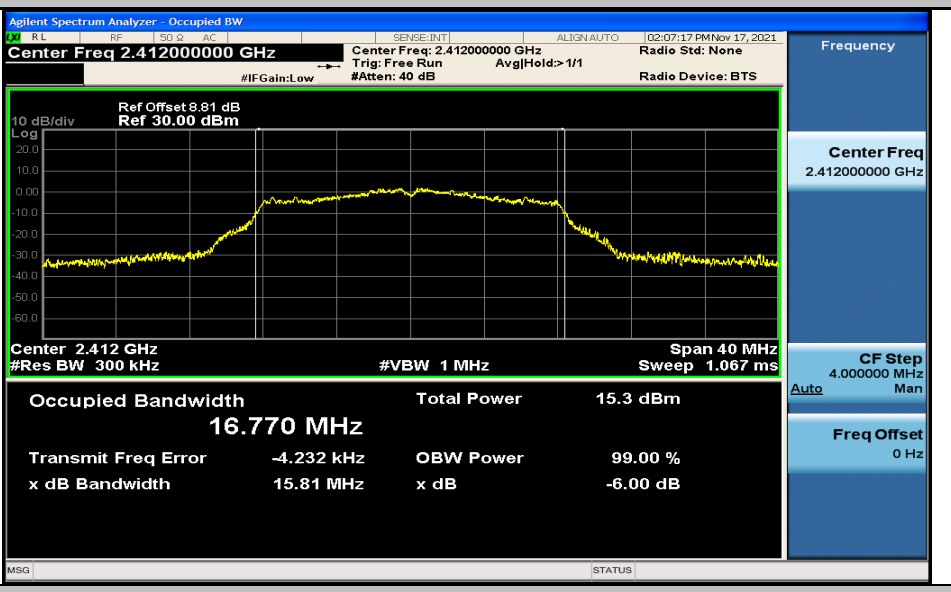

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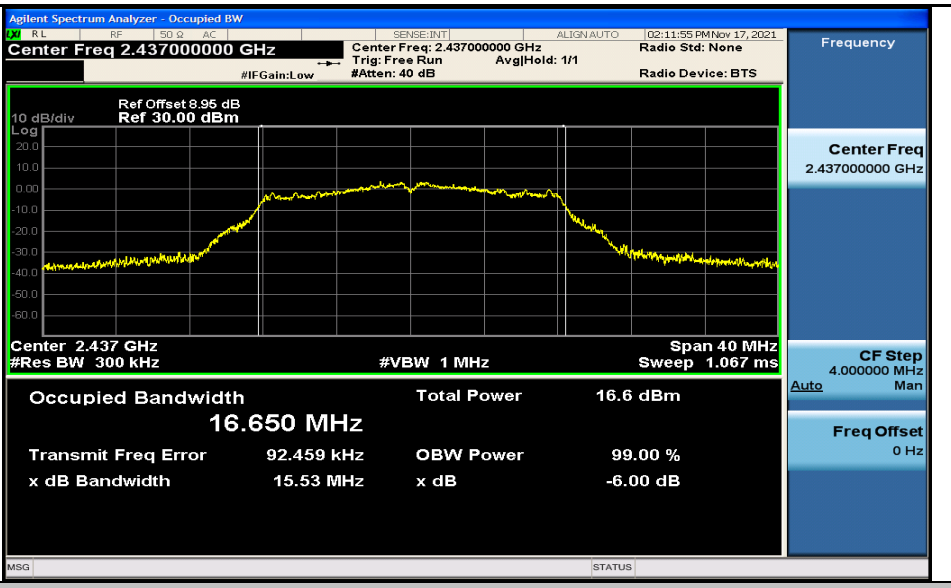

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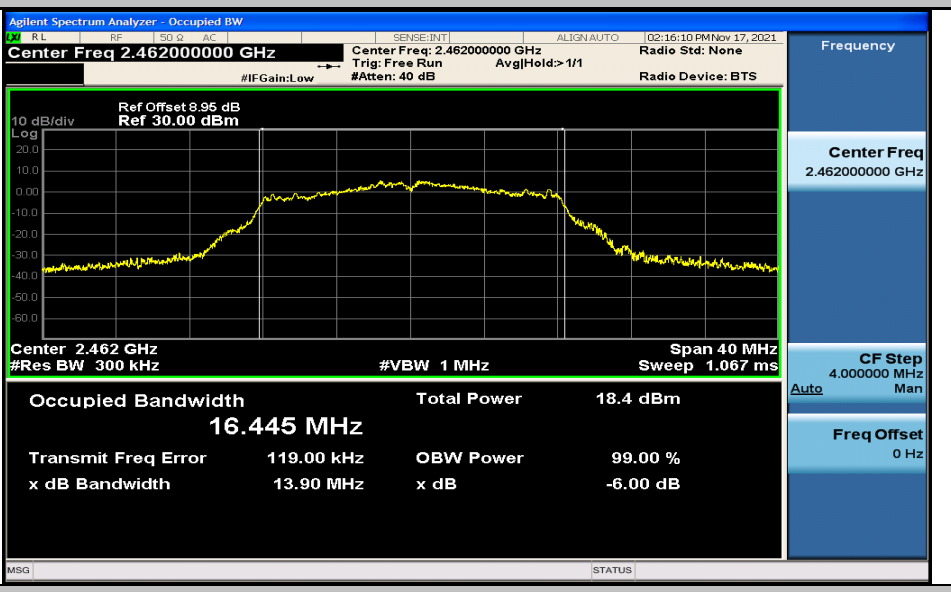

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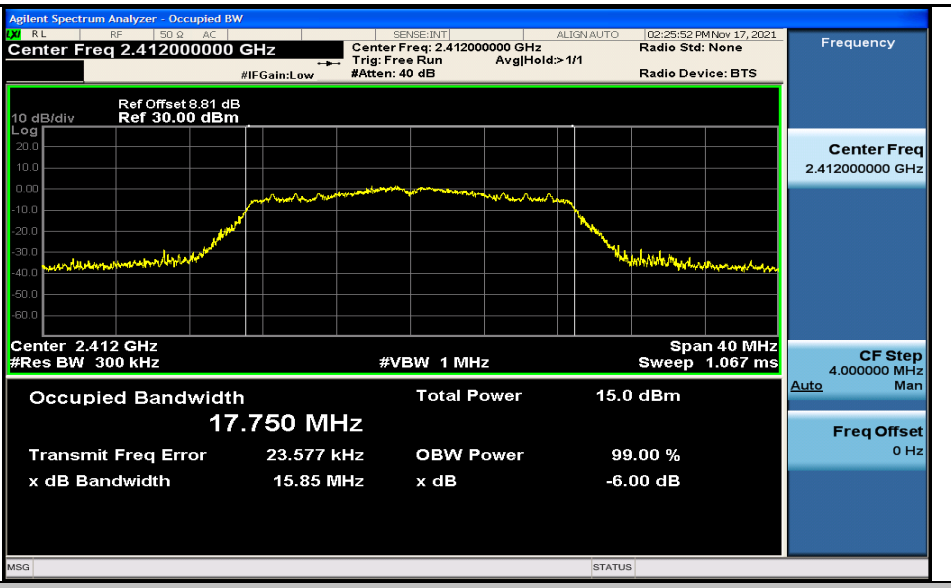

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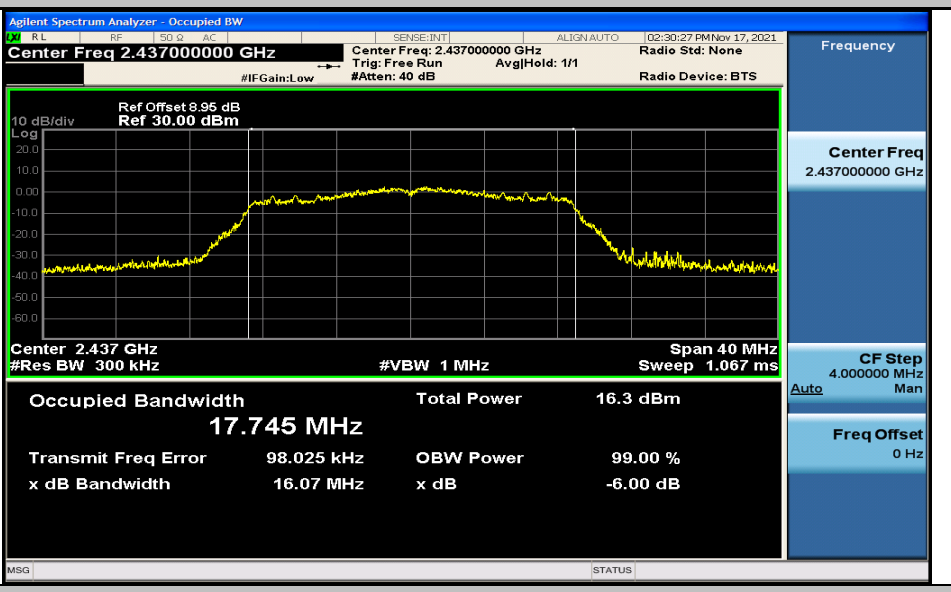

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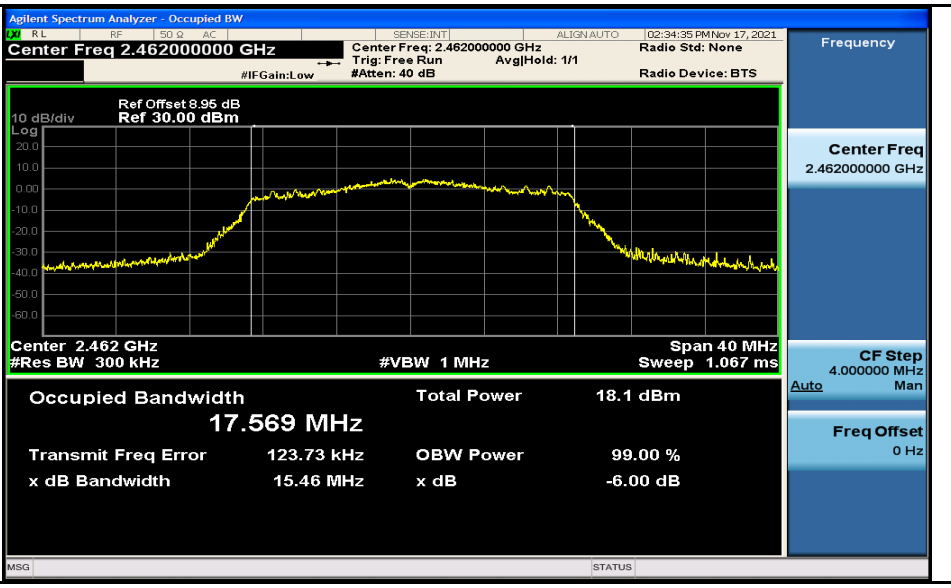

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3.Maximum conducted (average) output power

Test Mode	Test Channel	Ant	Level [dBm]	10log(1/x) Factor[dB]	Power [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	9.8	0.05	9.85	30	PASS
11B	2437	Ant1	11.25	0.05	11.30	30	PASS
11B	2462	Ant1	12.93	0.05	12.99	30	PASS
11G	2412	Ant1	8.55	0.33	8.88	30	PASS
11G	2437	Ant1	9.85	0.32	10.17	30	PASS
11G	2462	Ant1	11.76	0.33	12.08	30	PASS
11N20SISO	2412	Ant1	8.13	0.35	8.48	30	PASS
11N20SISO	2437	Ant1	9.37	0.34	9.71	30	PASS
11N20SISO	2462	Ant1	11.19	0.34	11.53	30	PASS

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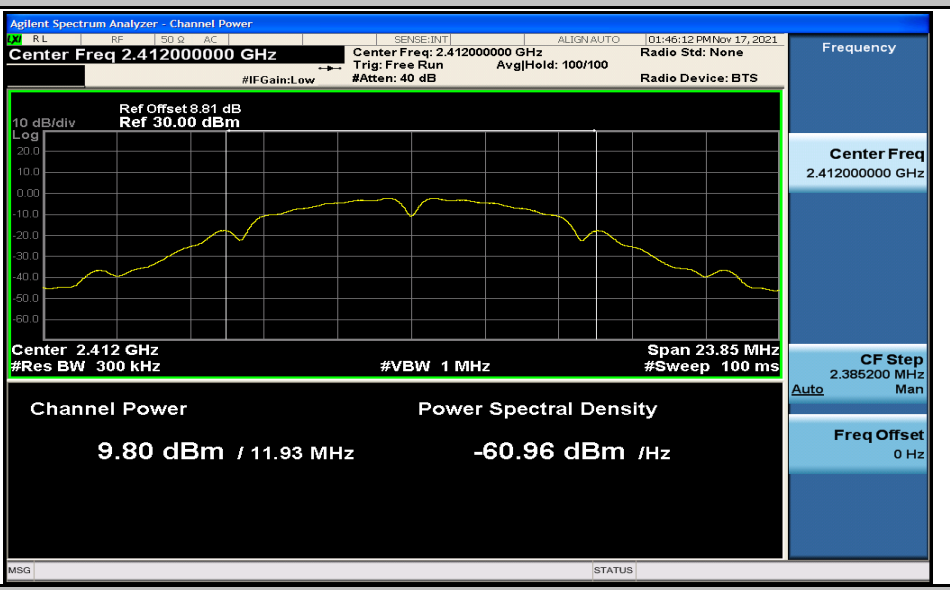
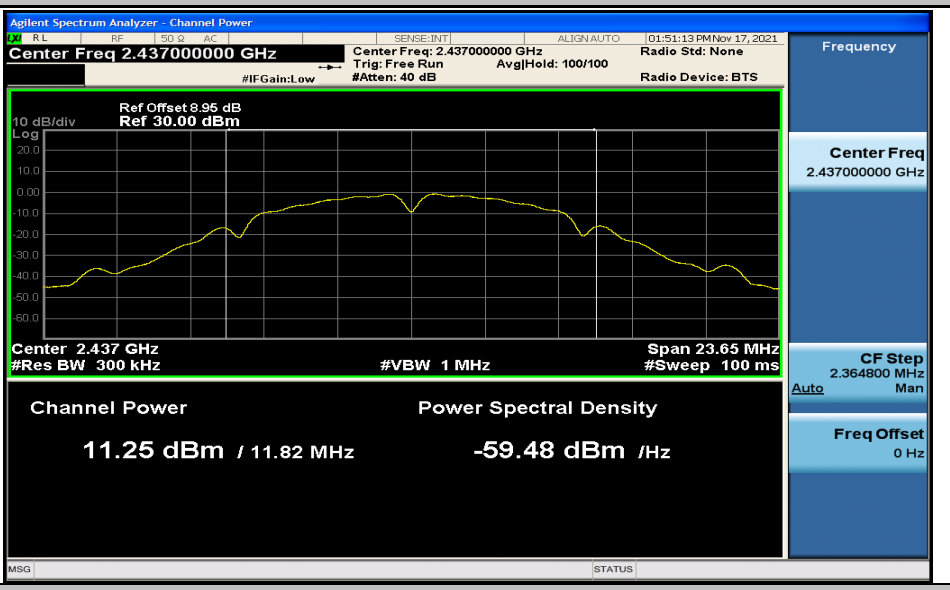
Maximum conducted (average) output power_11B_2412_Ant1



Maximum conducted (average) output power_11B_2437_Ant1



Maximum conducted (average) output power_11B_2462_Ant1

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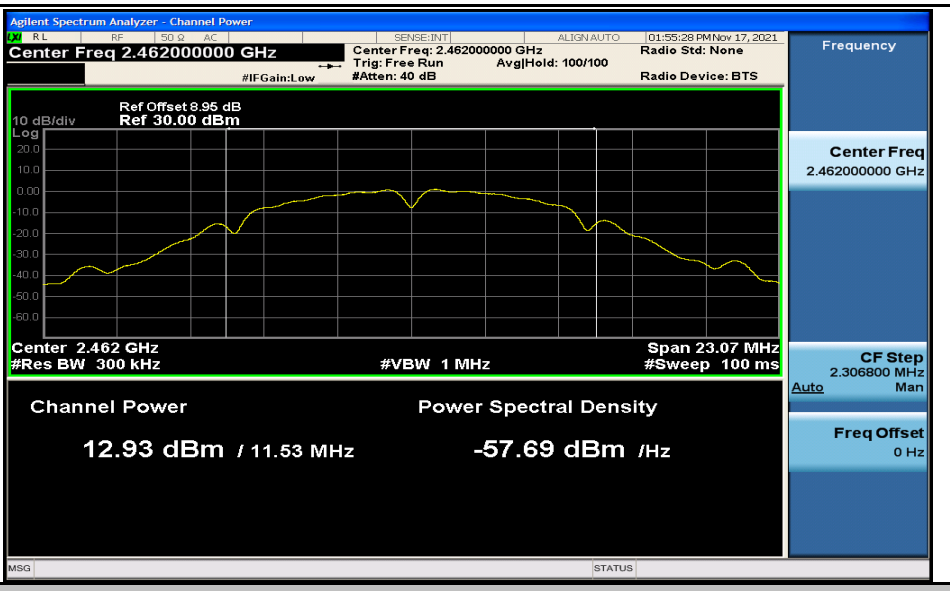

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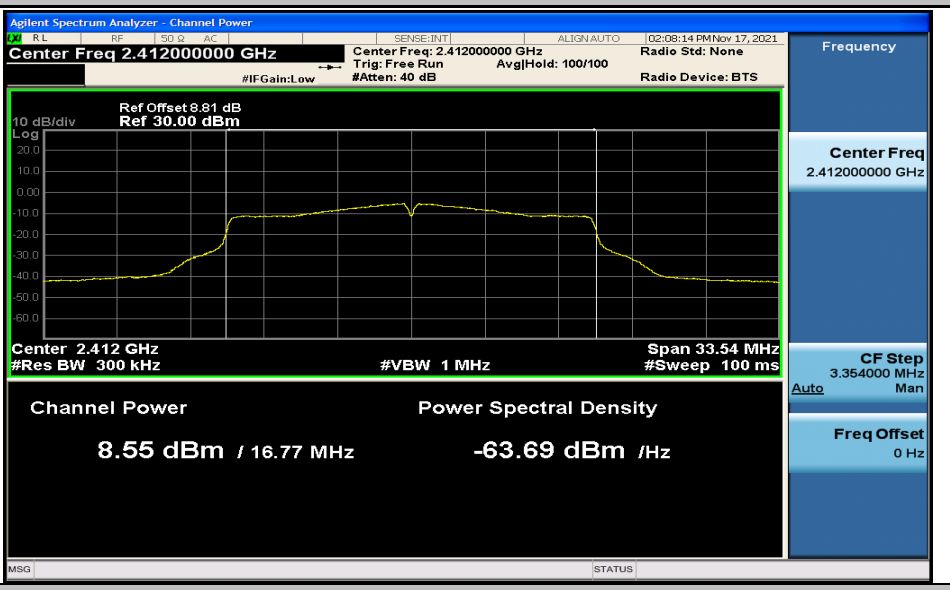

Maximum conducted (average) output power_11G_2437_Ant1

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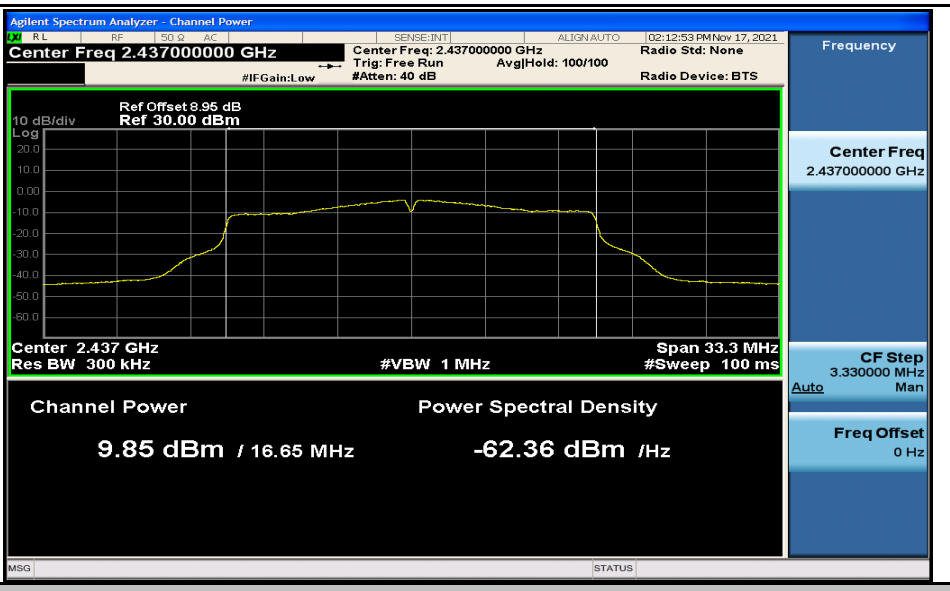
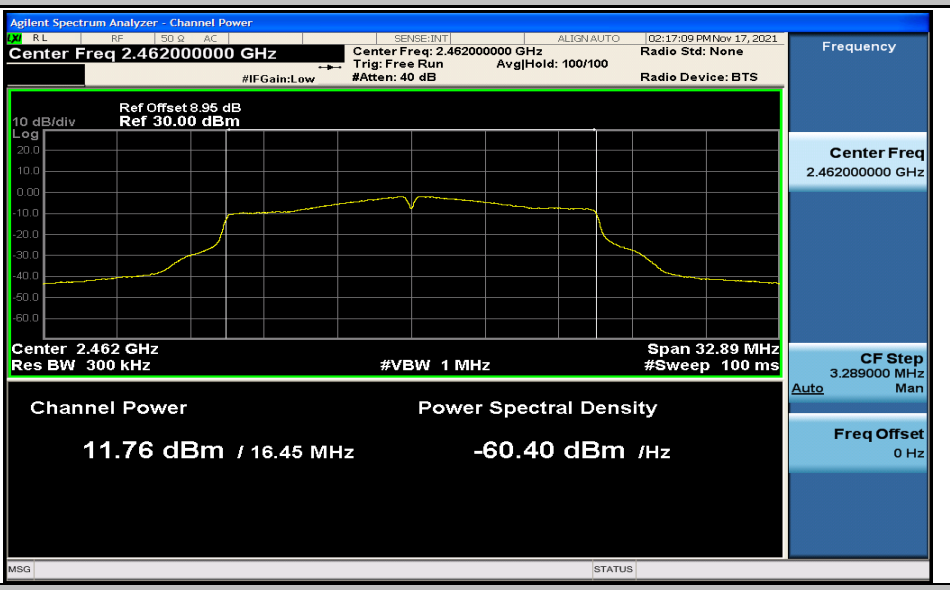


Maximum conducted (average) output power_11G_2462_Ant1



Maximum conducted (average) output power_11N20SISO_2412_Ant1

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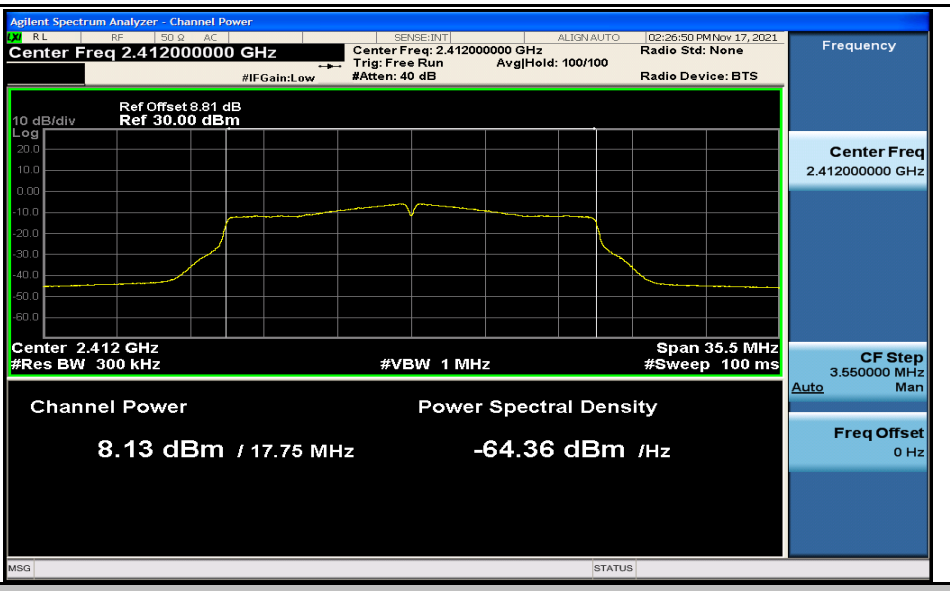

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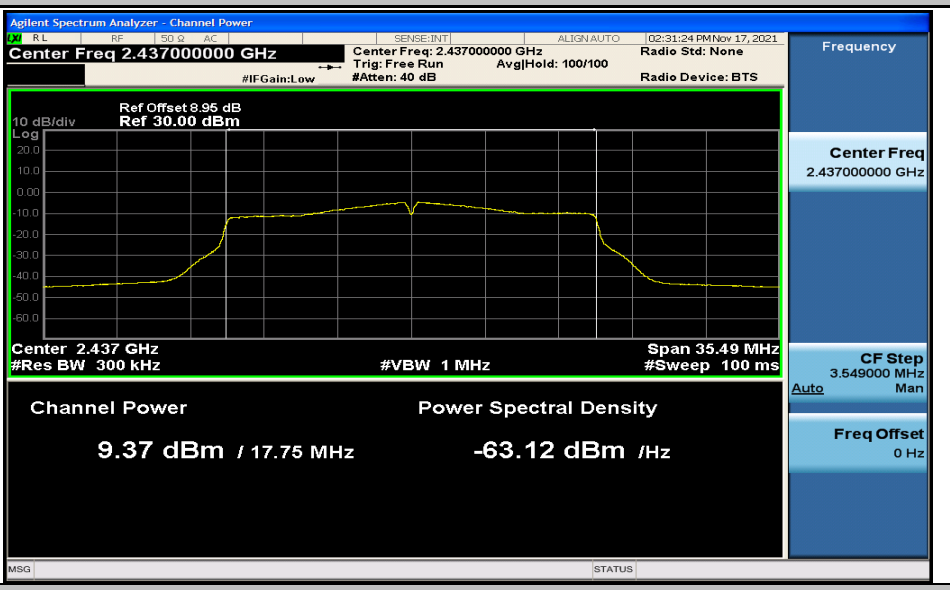

Maximum conducted (average) output power_11N20SISO_2462_Ant1

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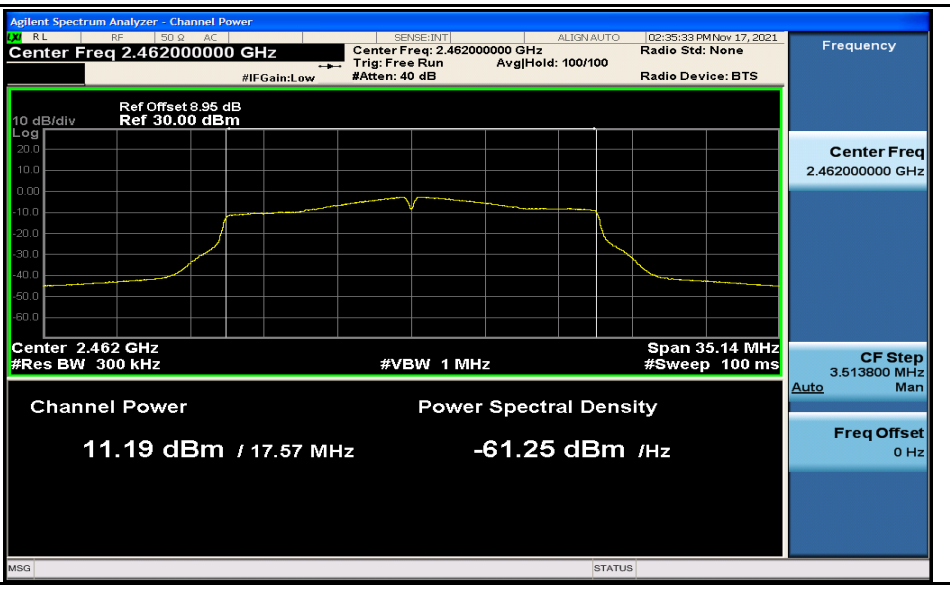

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4.Maximum(average) power spectral density

Test Mode	Test Channel	Ant	Level [dBm/3kHz]	10log(1/x) Factor[dB]	PSD[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	2412	Ant1	-21.21	0.05	-21.16	8.00	PASS
11B	2437	Ant1	-19.52	0.05	-19.47	8.00	PASS
11B	2462	Ant1	-18.27	0.05	-18.22	8.00	PASS
11G	2412	Ant1	-22.60	0.33	-22.27	8.00	PASS
11G	2437	Ant1	-21.06	0.32	-20.74	8.00	PASS
11G	2462	Ant1	-19.19	0.33	-18.86	8.00	PASS
11N20SISO	2412	Ant1	-23.72	0.35	-23.37	8.00	PASS
11N20SISO	2437	Ant1	-22.54	0.34	-22.20	8.00	PASS
11N20SISO	2462	Ant1	-20.48	0.34	-20.14	8.00	PASS

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Maximum(average) power spectral density_11B_2412_Ant1

Maximum(average) power spectral density_11B_2437_Ant1

Maximum(average) power spectral density_11B_2462_Ant1

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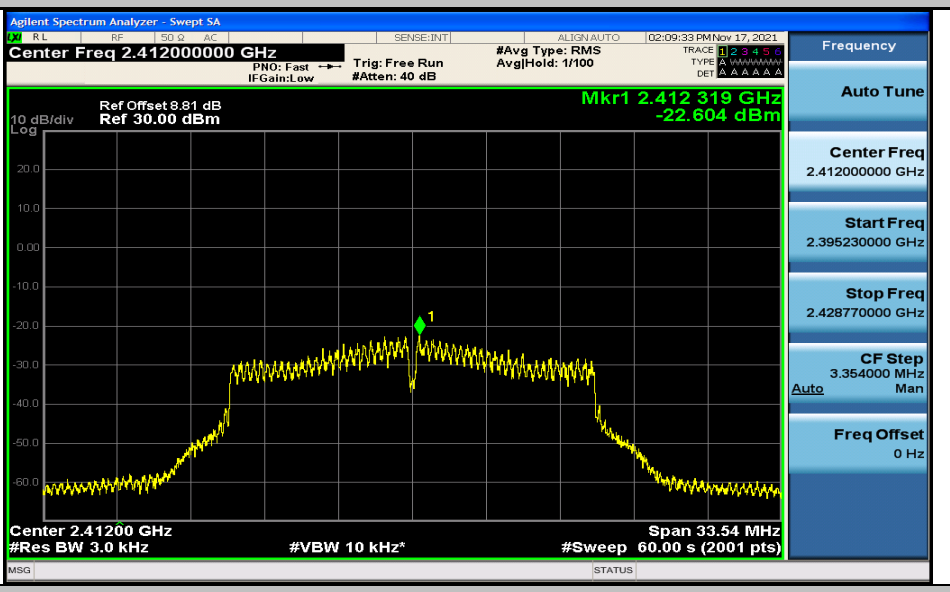
Maximum(average) power spectral density_11G_2412_Ant1



Maximum(average) power spectral density_11G_2437_Ant1

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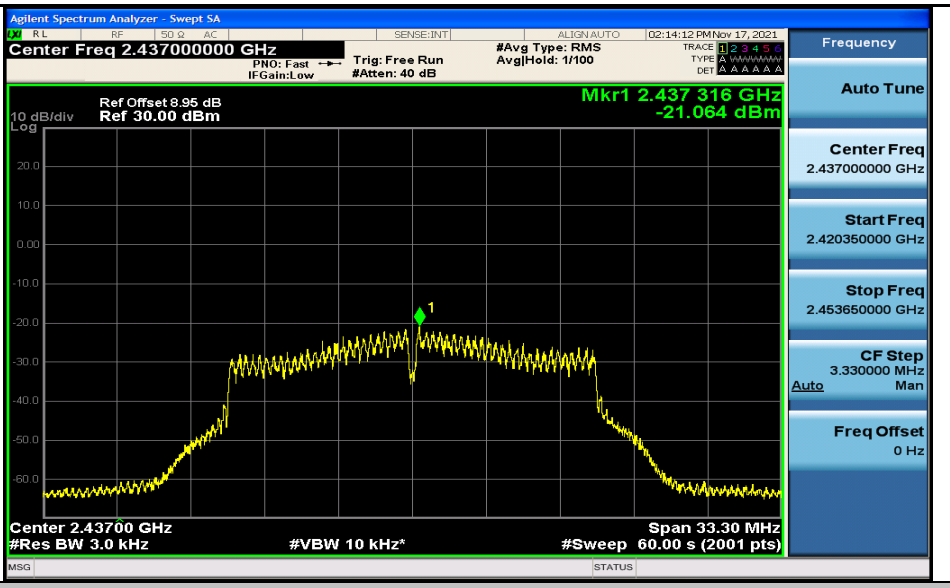

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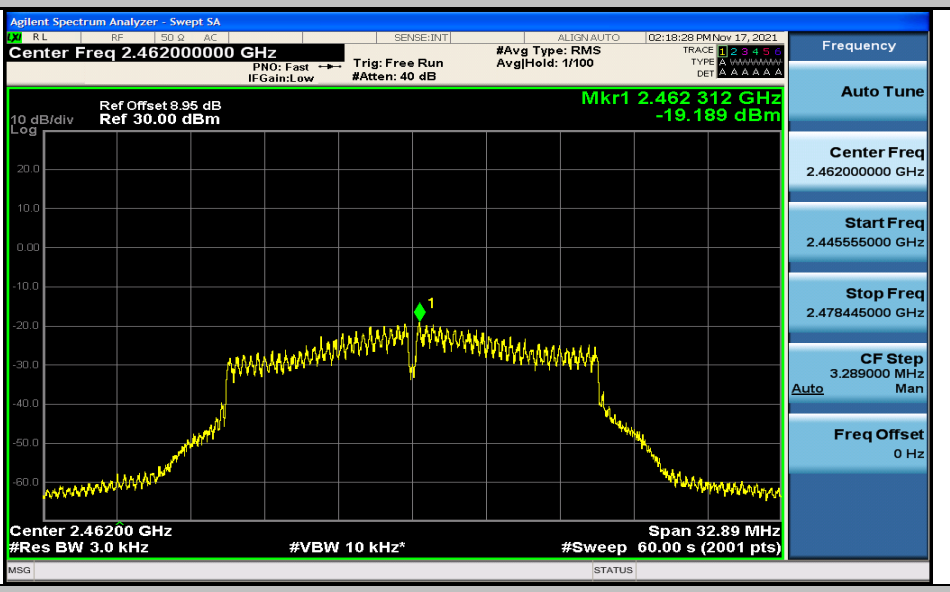

Maximum(average) power spectral density_11N20SISO_2412_Ant1

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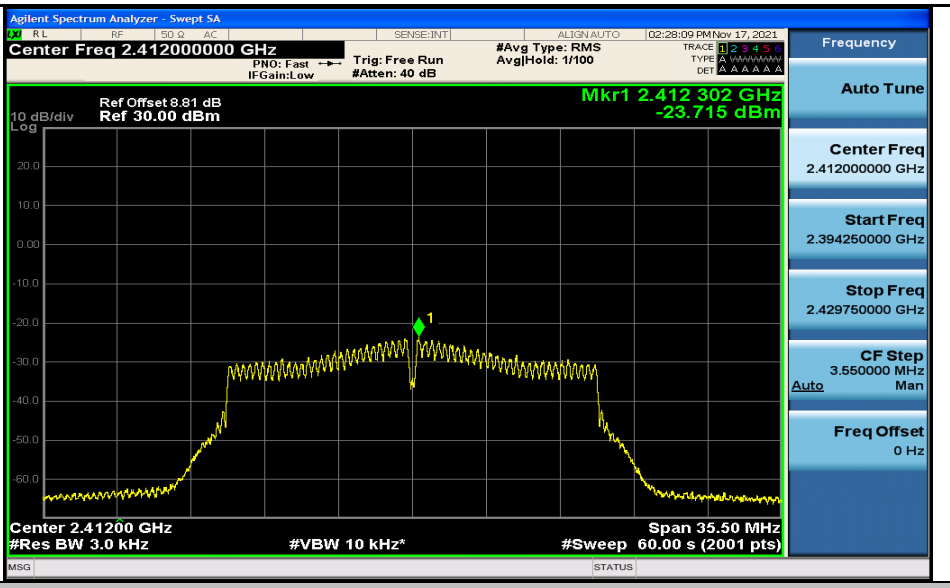

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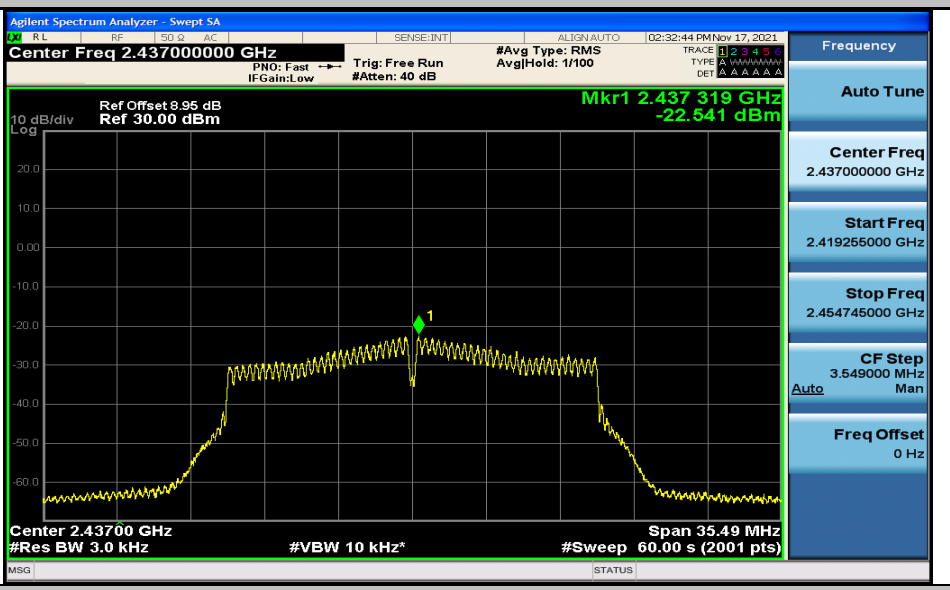

Maximum(average) power spectral density_11N20SISO_2462_Ant1

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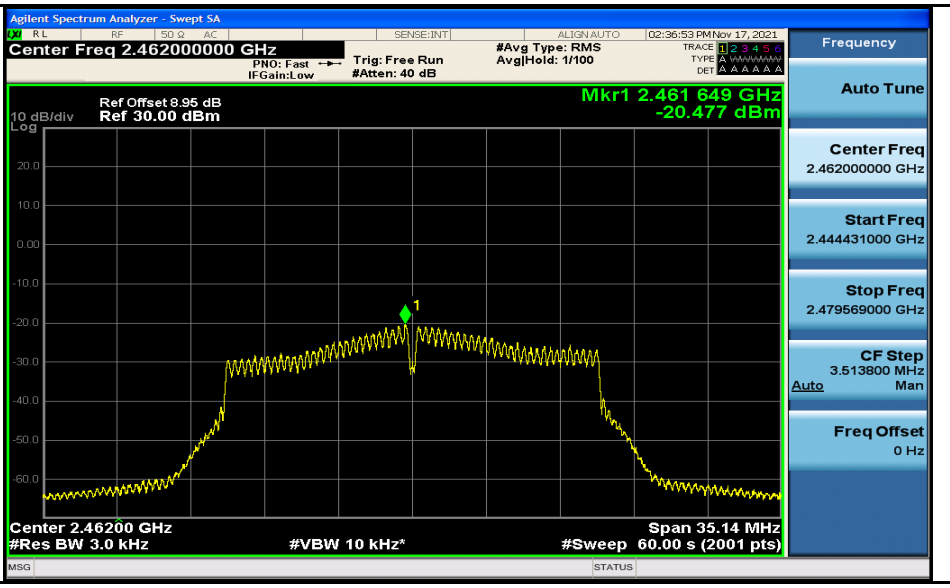

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5.Band-edge for RF Conducted Emissions

Test Mode	Test Channel	Ant	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	1.69	-36.91	-28.31	PASS
11B	2462	Ant1	5.15	-52.48	-24.85	PASS
11G	2412	Ant1	-2.54	-34.29	-32.54	PASS
11G	2462	Ant1	0.80	-44.43	-29.20	PASS
11N20SISO	2412	Ant1	-2.71	-36.27	-32.71	PASS
11N20SISO	2462	Ant1	0.99	-45.12	-29.01	PASS

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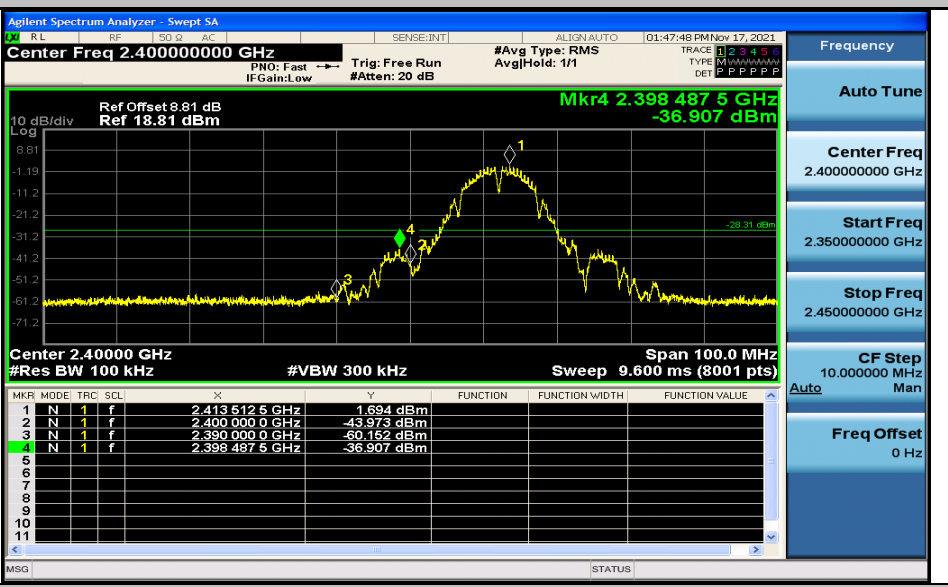

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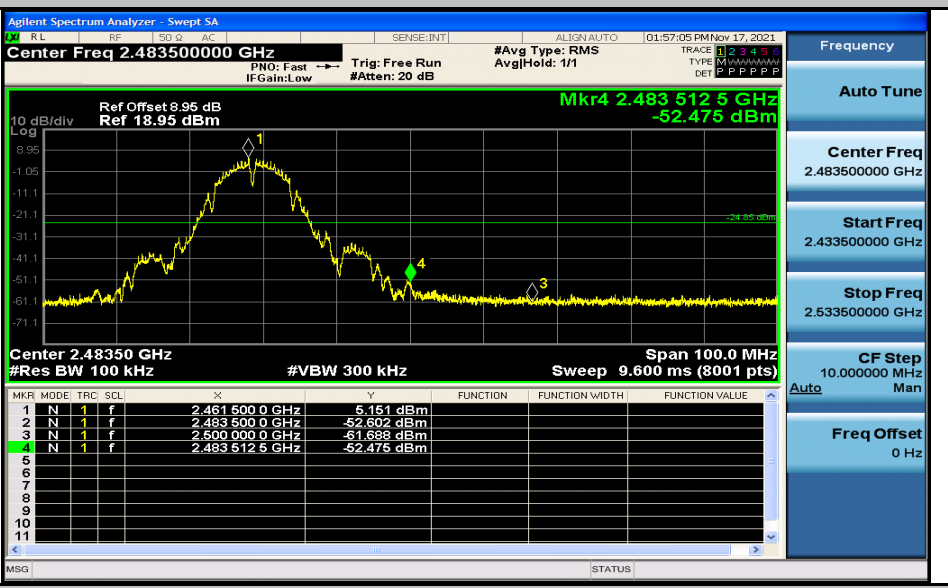

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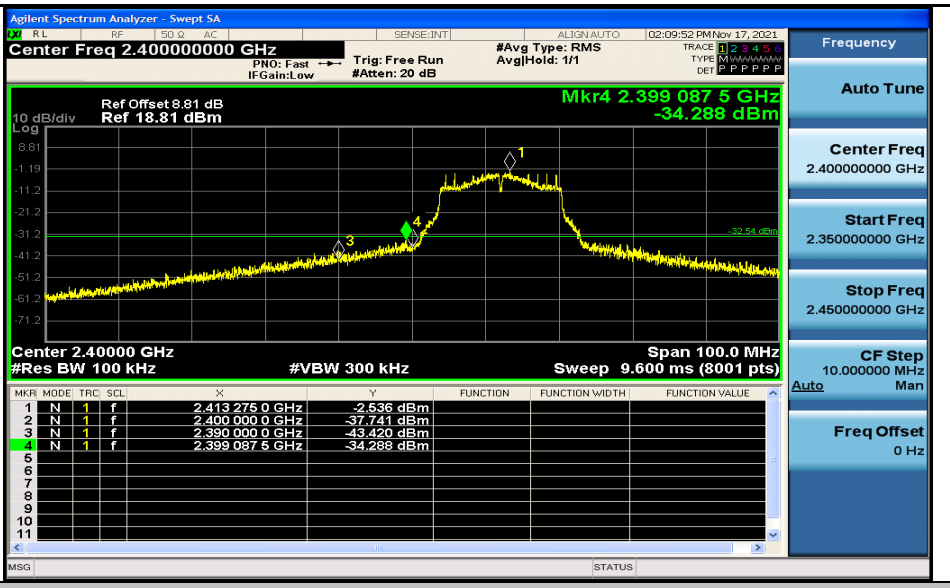

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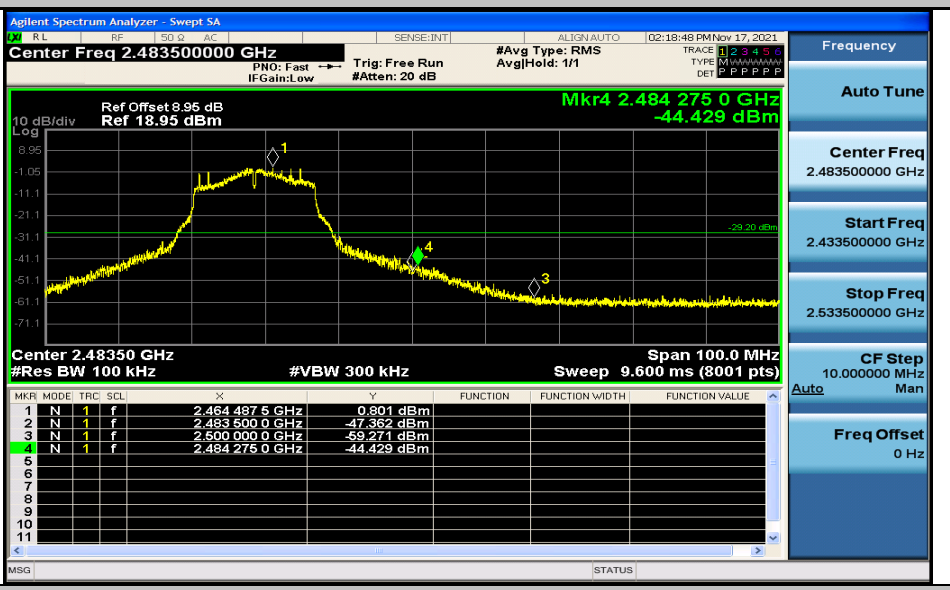

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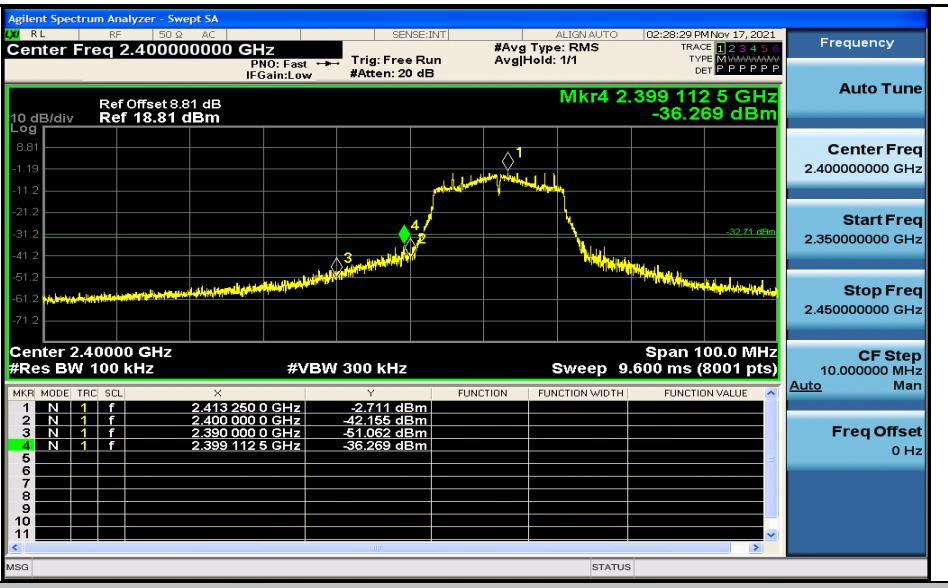

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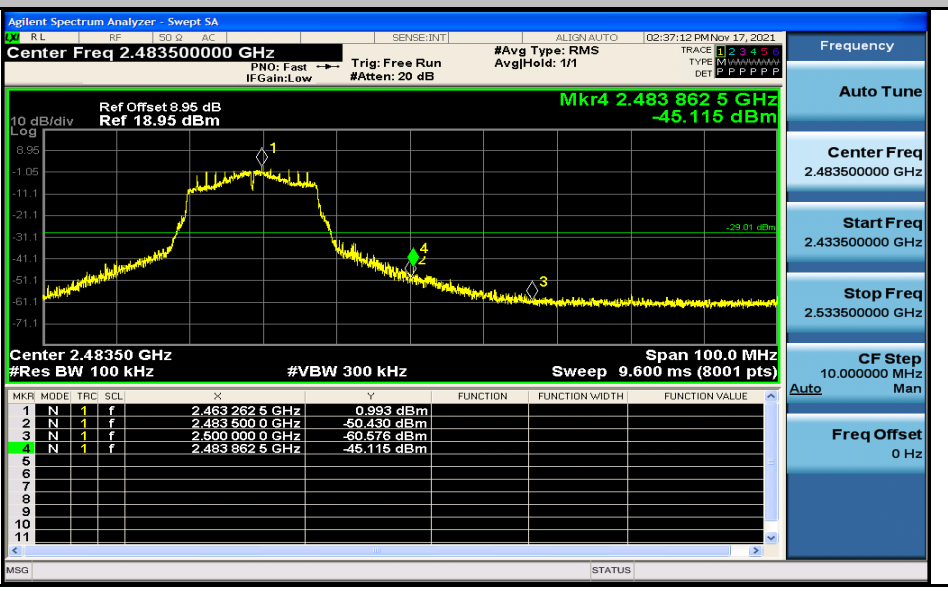

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6.RF Conducted Spurious Emissions

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	1.92	-51.51	<-28.08	PASS
11B	2412	Ant1	10000	26000	100	300	1.919	-44.087	<-28.081	PASS
11B	2437	Ant1	30	10000	100	300	3.49	-51.71	<-26.51	PASS
11B	2437	Ant1	10000	26000	100	300	3.493	-43.537	<-26.507	PASS
11B	2462	Ant1	30	10000	100	300	5.09	-53.46	<-24.91	PASS
11B	2462	Ant1	10000	26000	100	300	5.086	-44.570	<-24.914	PASS
11G	2412	Ant1	30	10000	100	300	-2.66	-54.00	<-32.66	PASS
11G	2412	Ant1	10000	26000	100	300	-2.659	-44.385	<-32.659	PASS
11G	2437	Ant1	30	10000	100	300	-1.12	-53.72	<-31.12	PASS
11G	2437	Ant1	10000	26000	100	300	-1.116	-44.256	<-31.116	PASS
11G	2462	Ant1	30	10000	100	300	0.82	-54.10	<-29.18	PASS
11G	2462	Ant1	10000	26000	100	300	0.82	-43.731	<-29.18	PASS
11N20SISO	2412	Ant1	30	10000	100	300	-2.83	-53.56	<-32.83	PASS
11N20SISO	2412	Ant1	10000	26000	100	300	-2.825	-43.853	<-32.825	PASS
11N20SISO	2437	Ant1	30	10000	100	300	-1.03	-53.99	<-31.03	PASS
11N20SISO	2437	Ant1	10000	26000	100	300	-1.029	-43.351	<-31.029	PASS
11N20SISO	2462	Ant1	30	10000	100	300	0.94	-54.20	<-29.06	PASS
11N20SISO	2462	Ant1	10000	26000	100	300	0.937	-44.067	<-29.063	PASS

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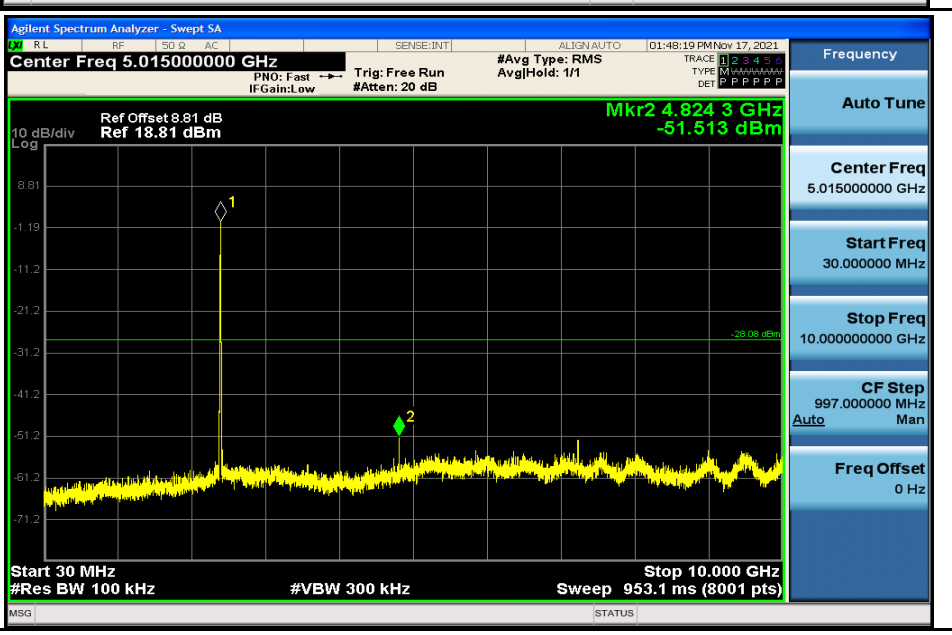

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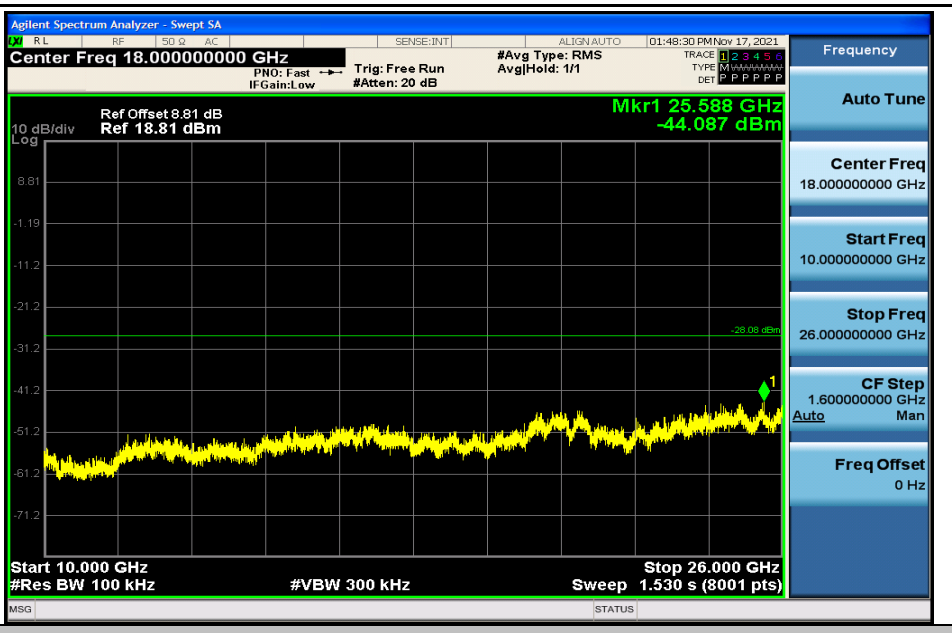

RF Conducted Spurious Emissions_11B_2437

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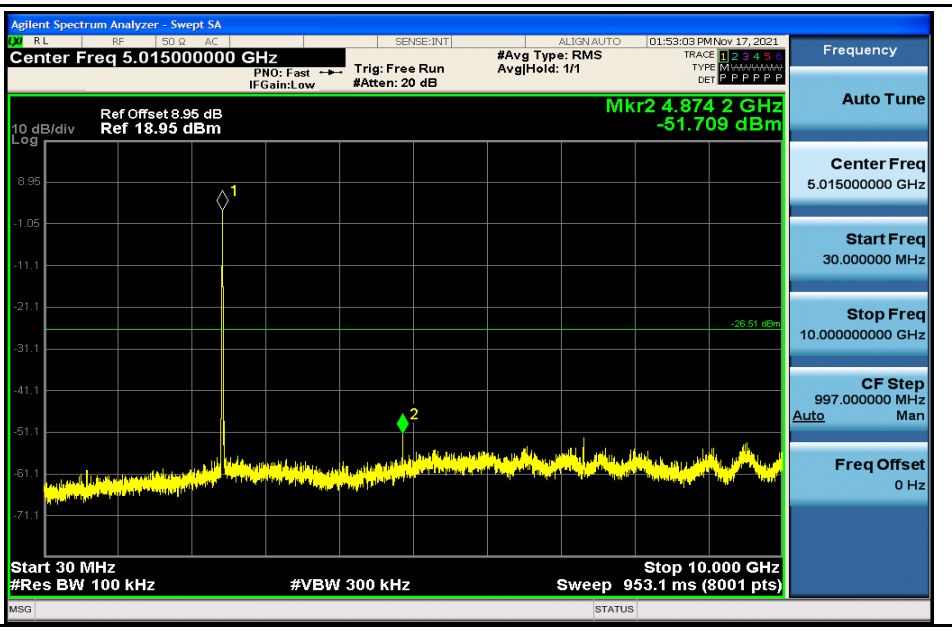

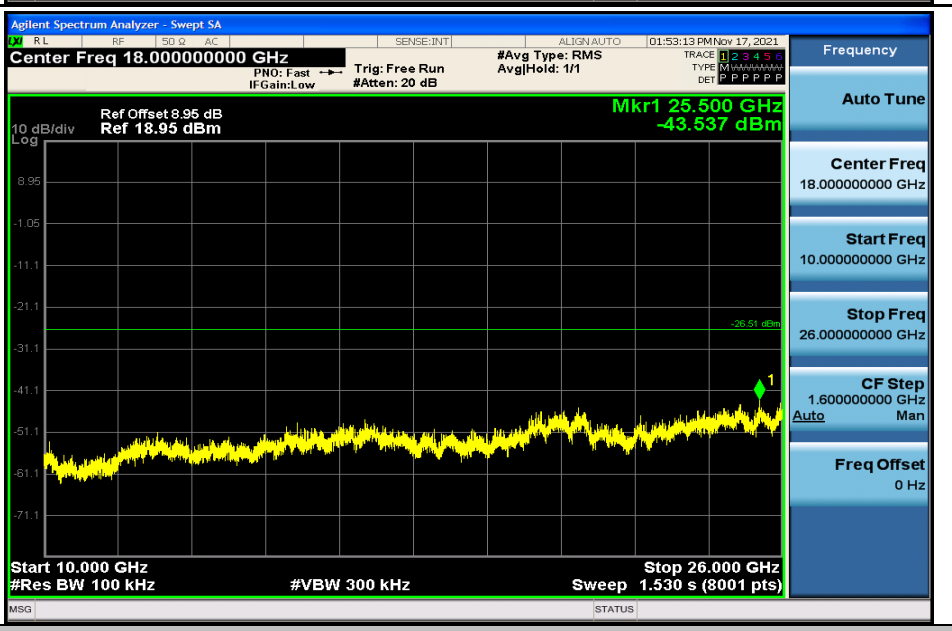

RF Conducted Spurious Emissions_11B_2462

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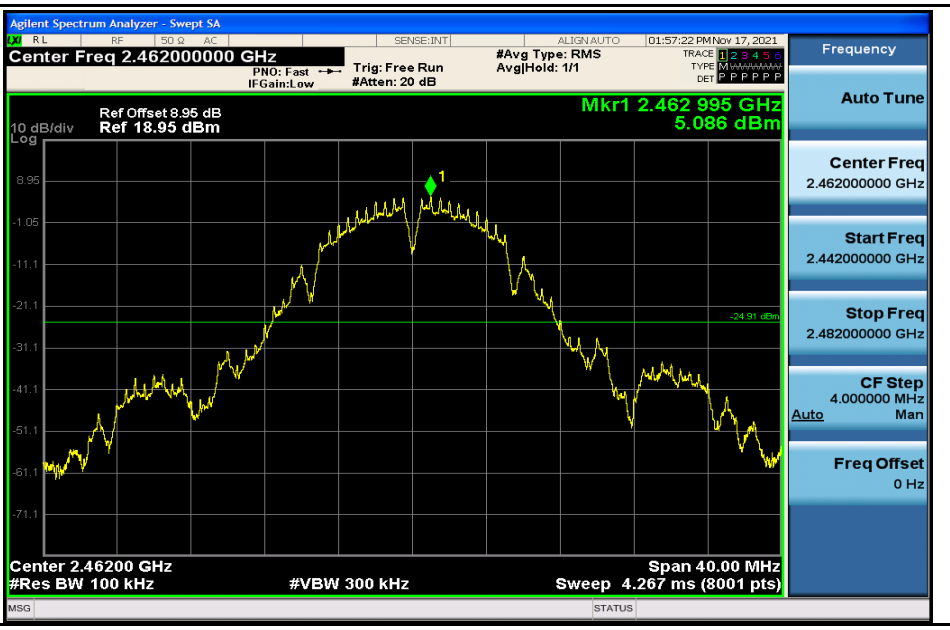

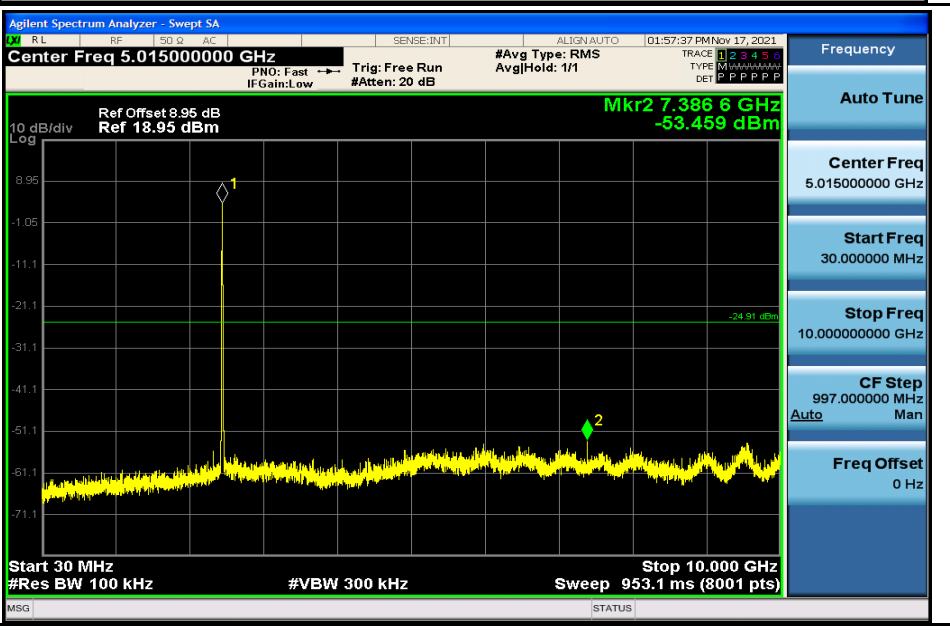

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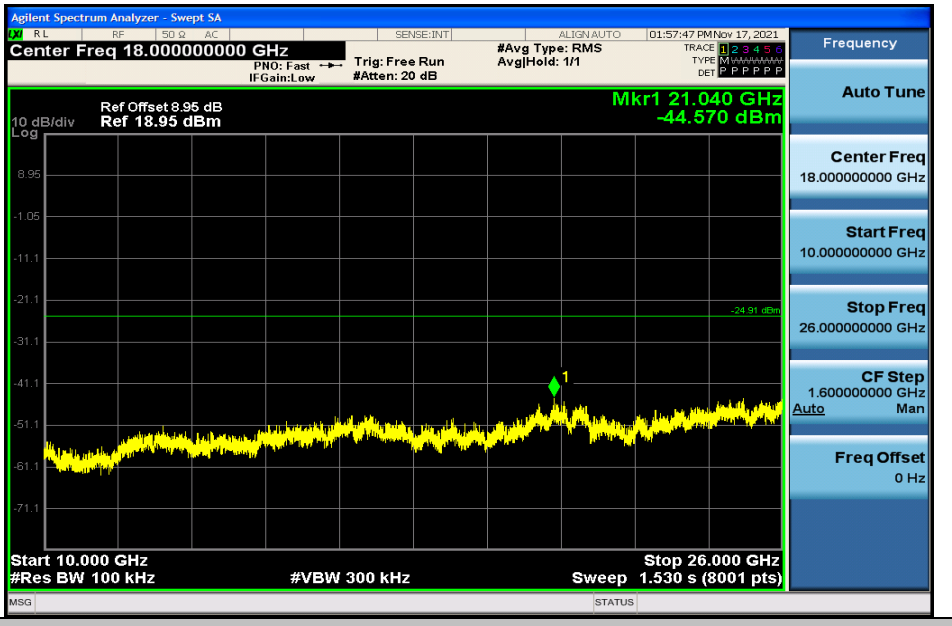

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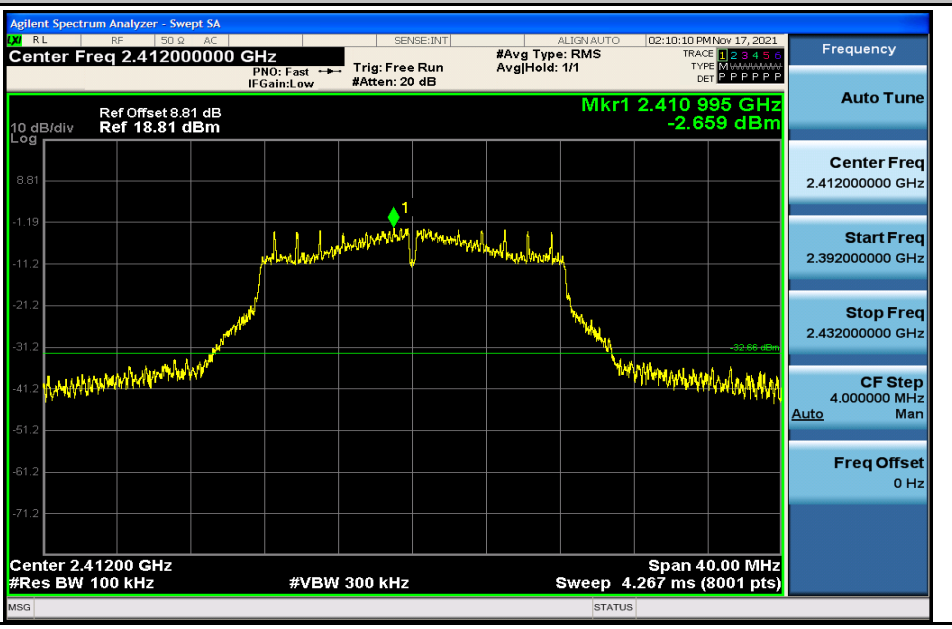

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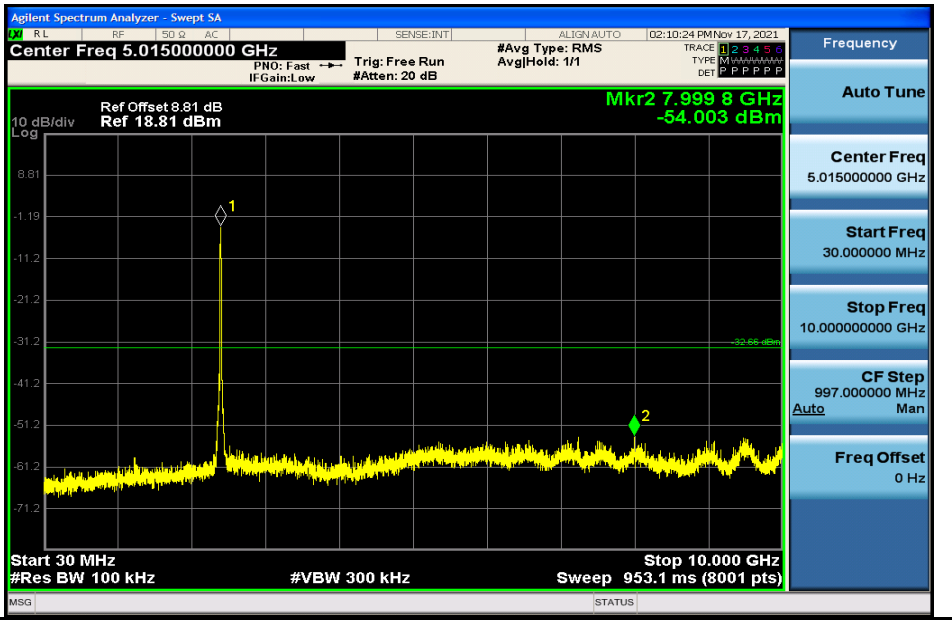

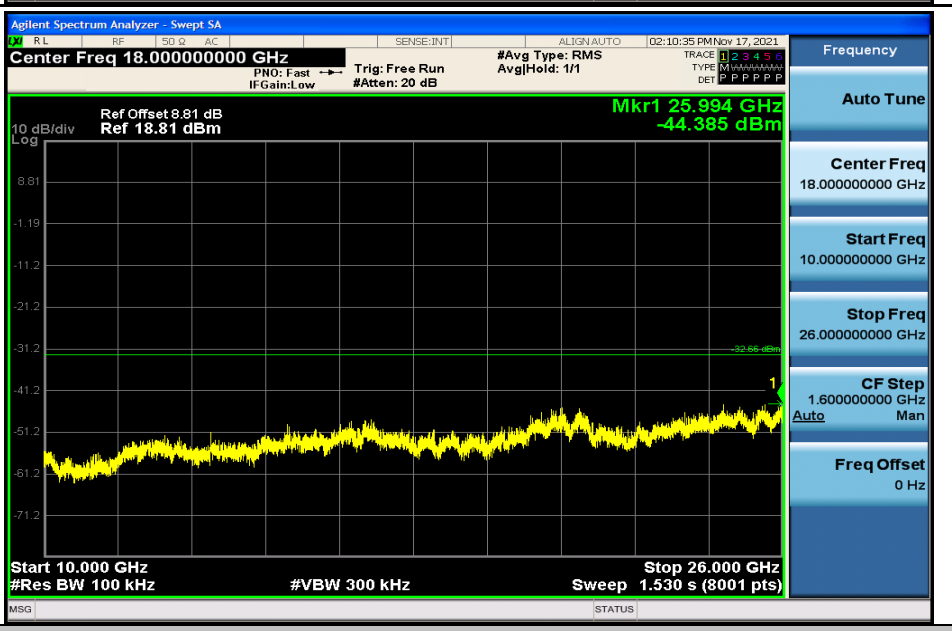

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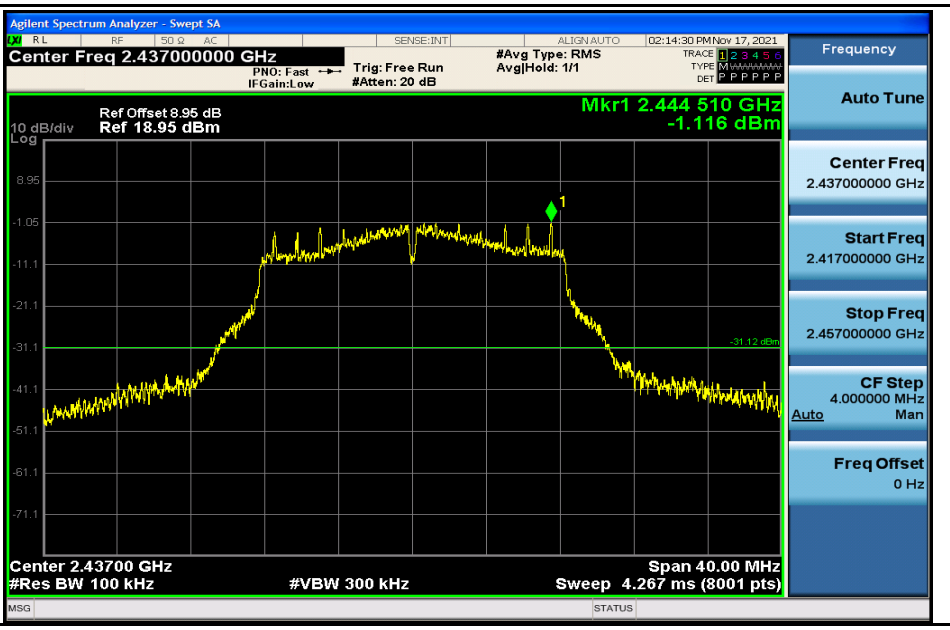

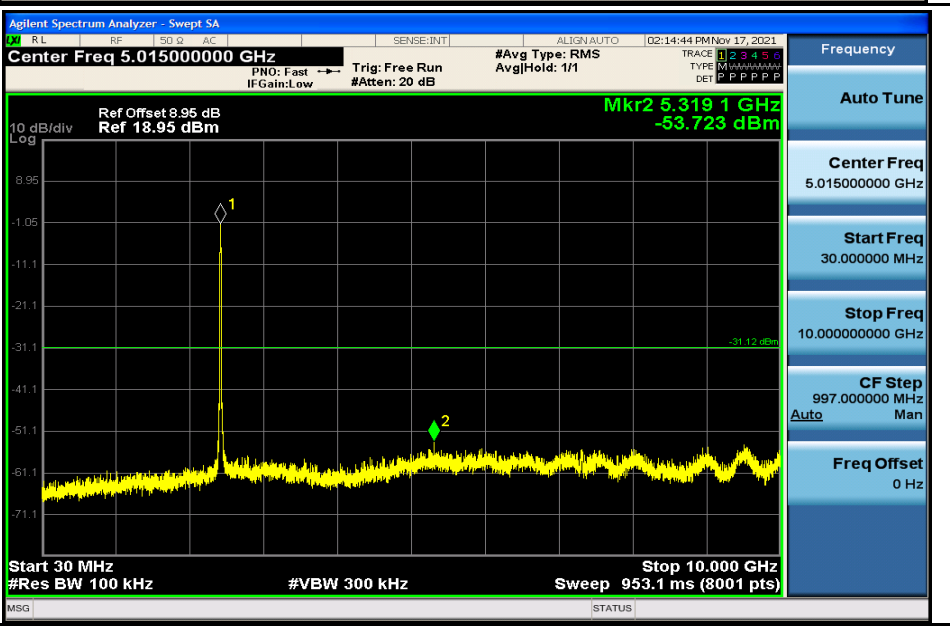

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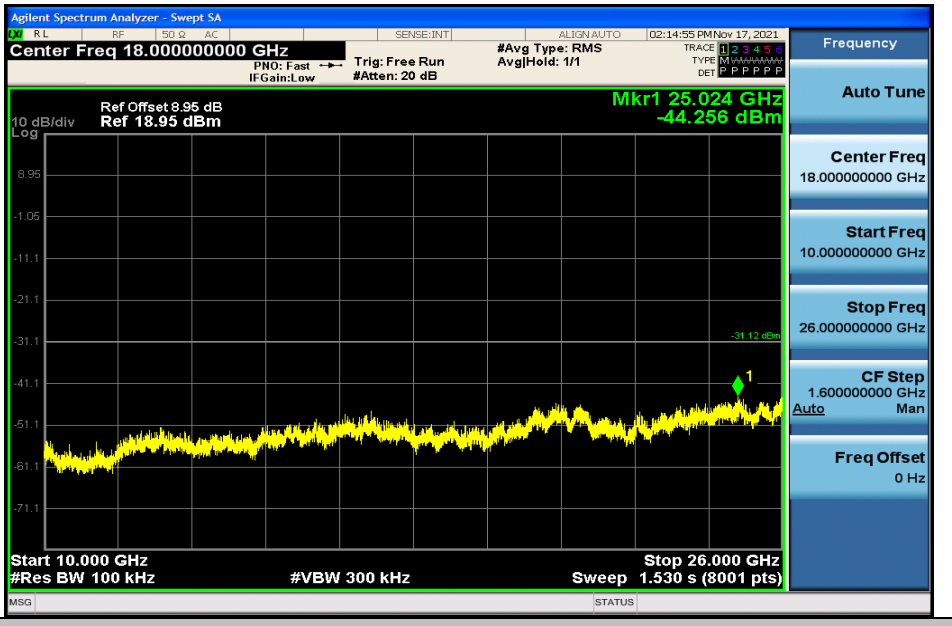

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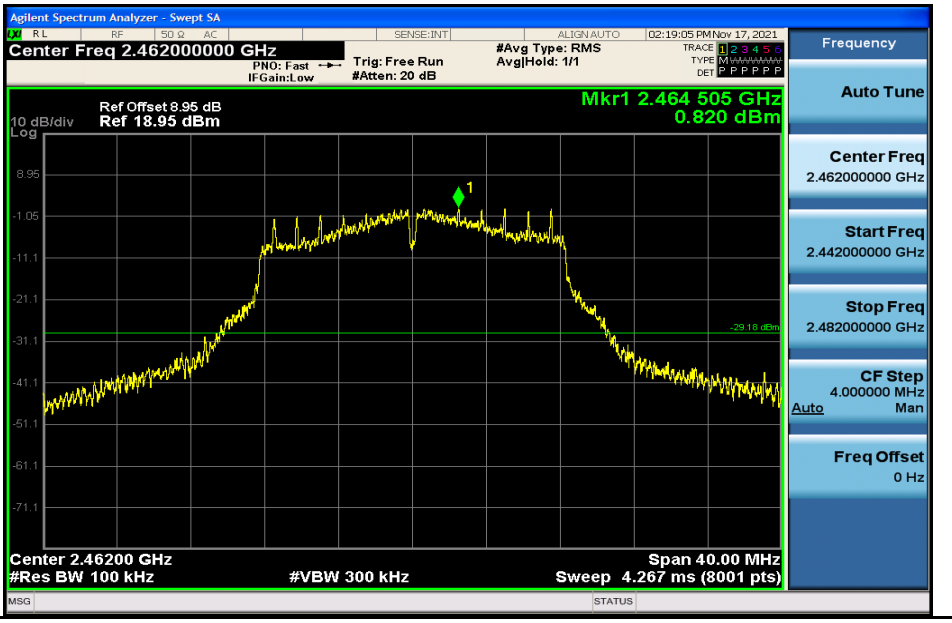

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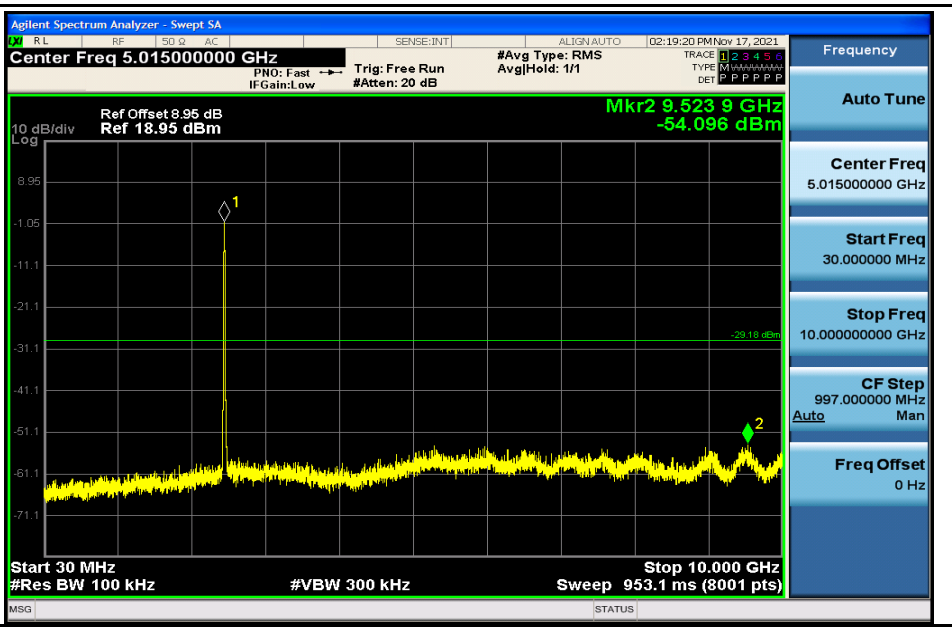

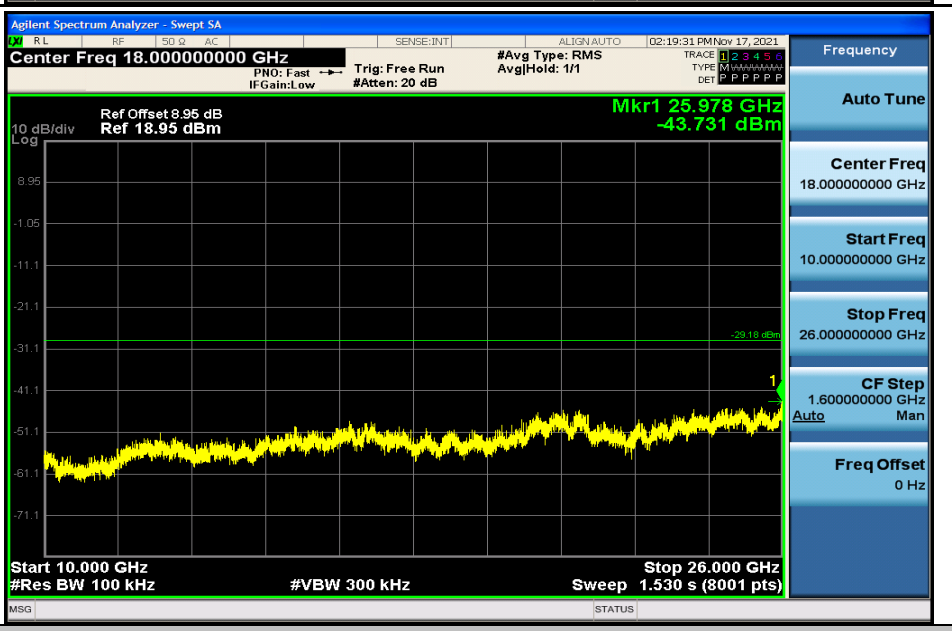

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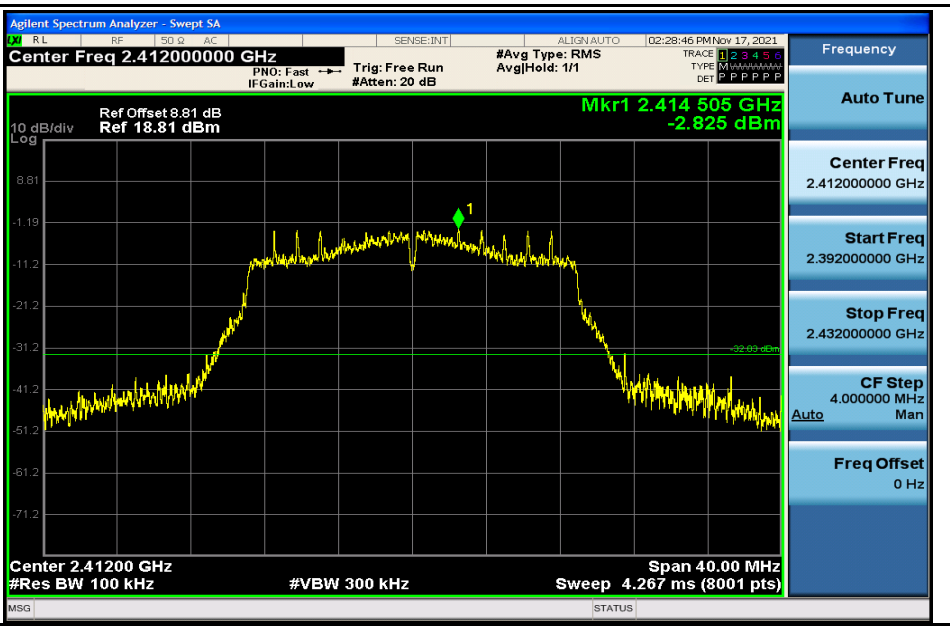

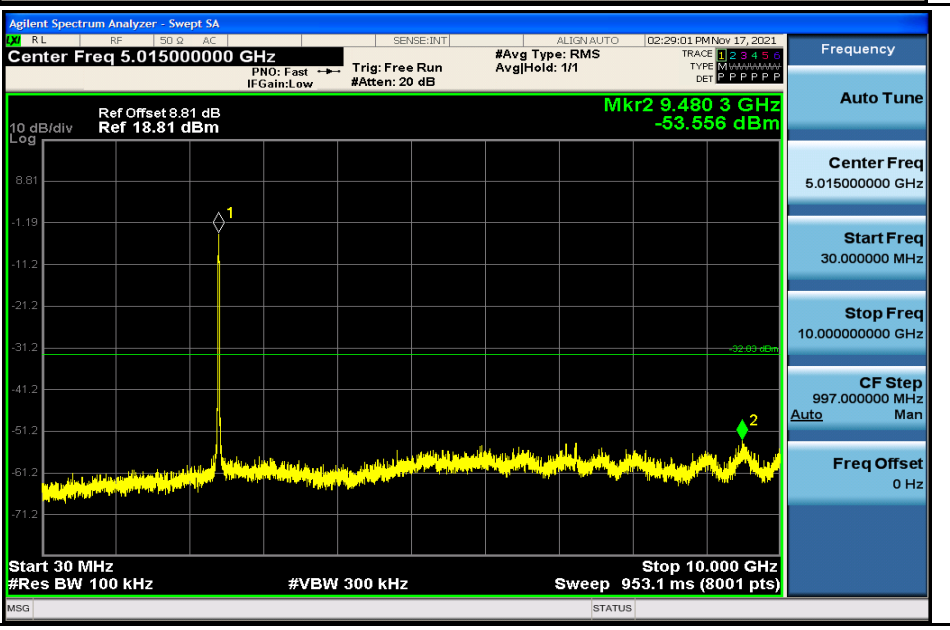

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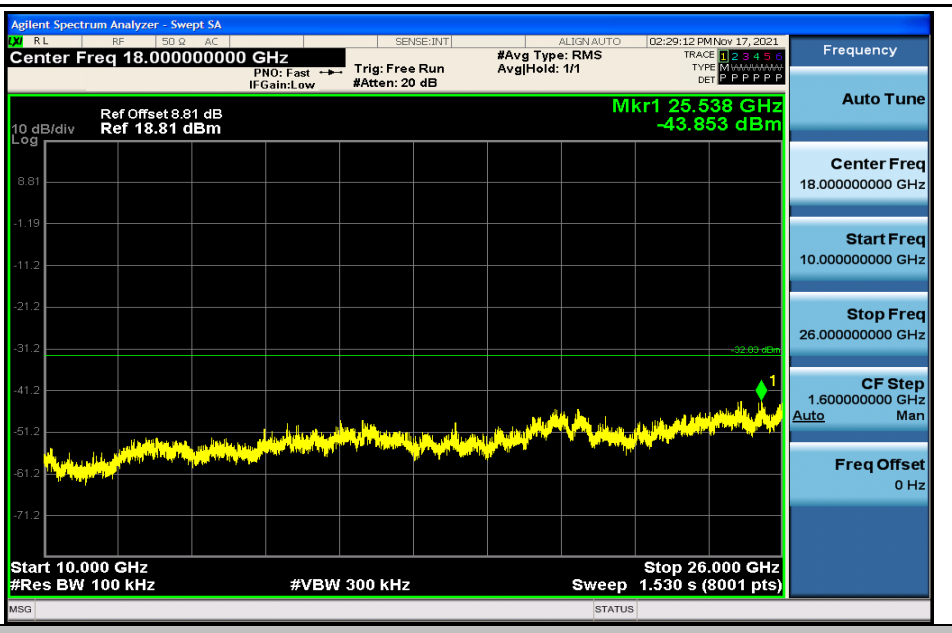

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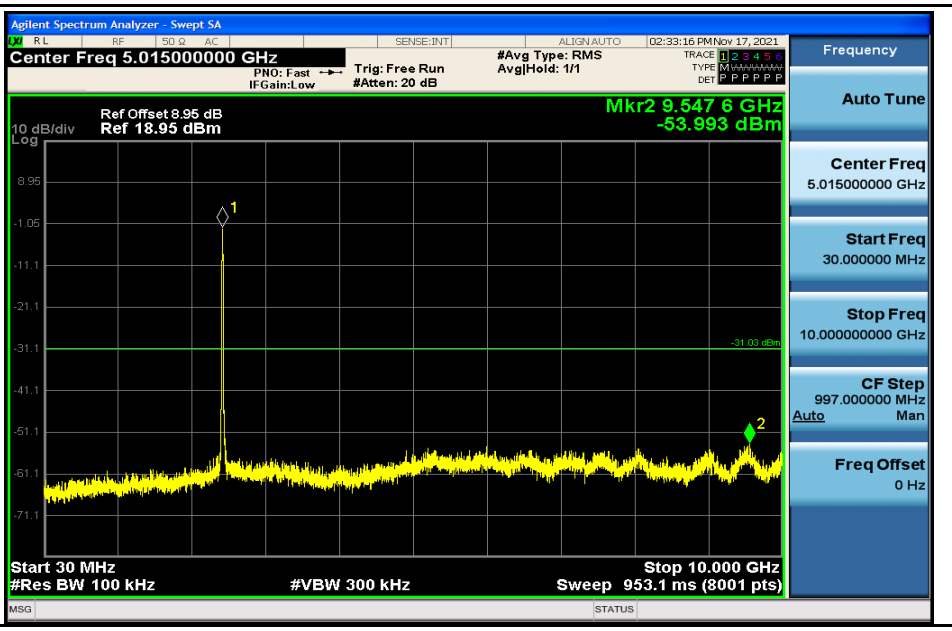

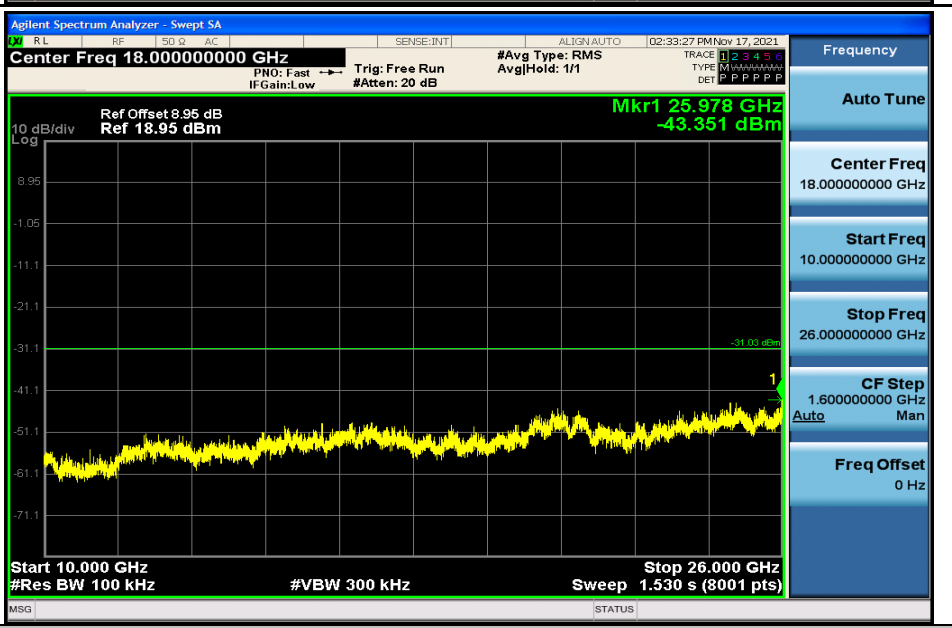

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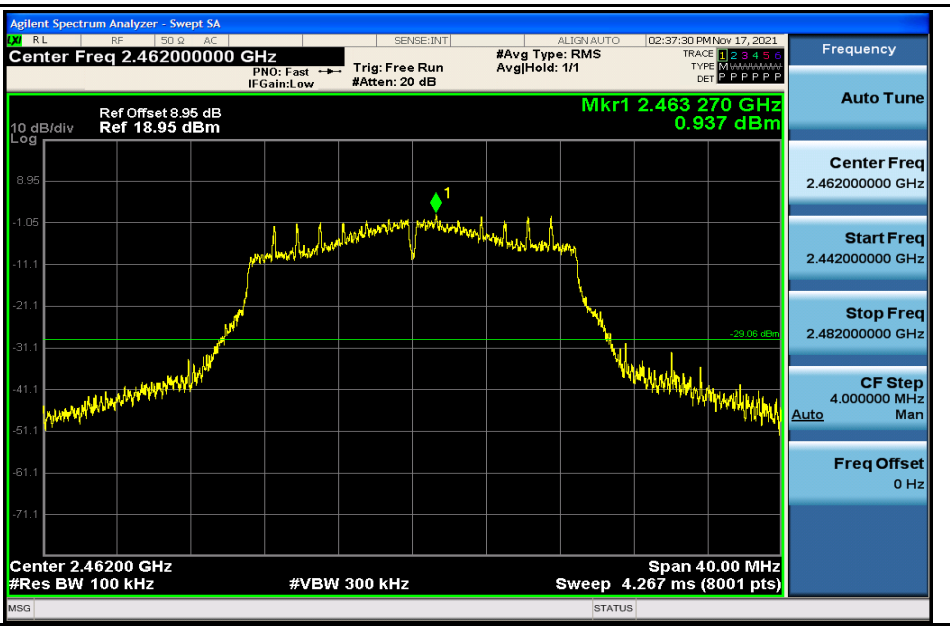

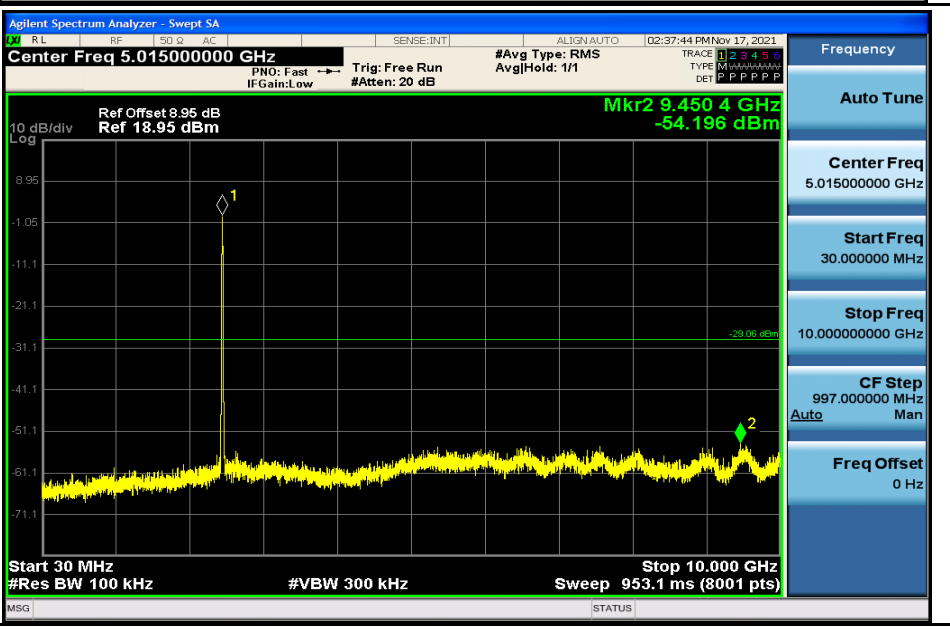

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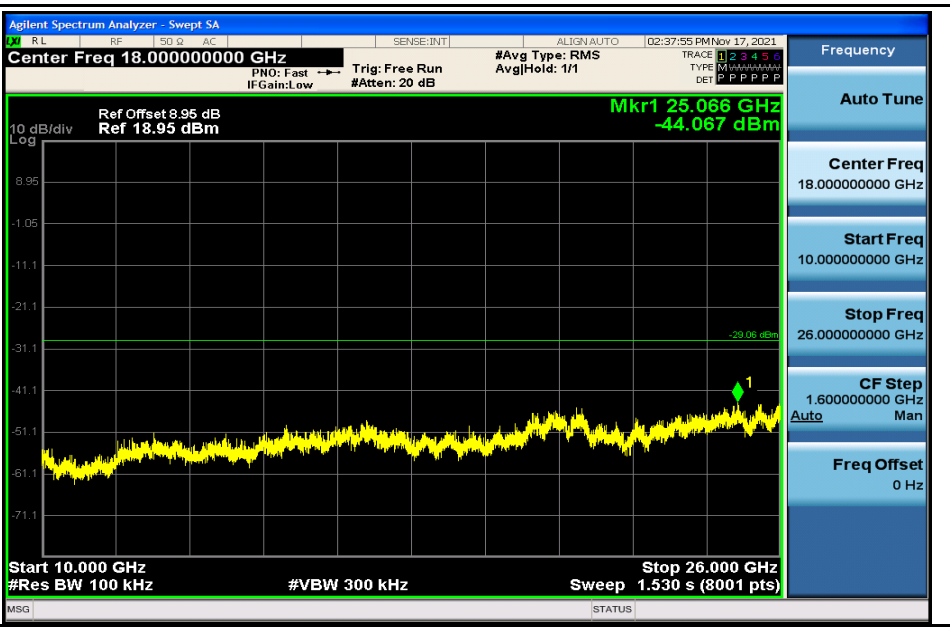

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7.Duty Cycle

Test Mode	Test Channel	Ant	Duty Cycle[%]	10log(1/x) Factor[dB]
11B	2412	Ant1	98.81	0.05
11B	2437	Ant1	98.81	0.05
11B	2462	Ant1	98.81	0.05
11G	2412	Ant1	92.74	0.33
11G	2437	Ant1	92.89	0.32
11G	2462	Ant1	92.74	0.33
11N20SISO	2412	Ant1	92.28	0.35
11N20SISO	2437	Ant1	92.46	0.34
11N20SISO	2462	Ant1	92.46	0.34

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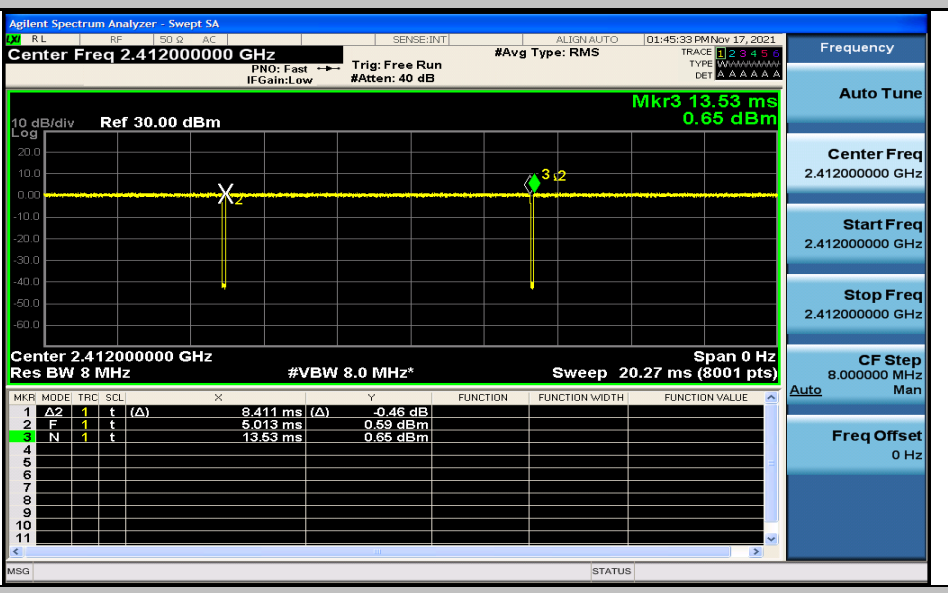

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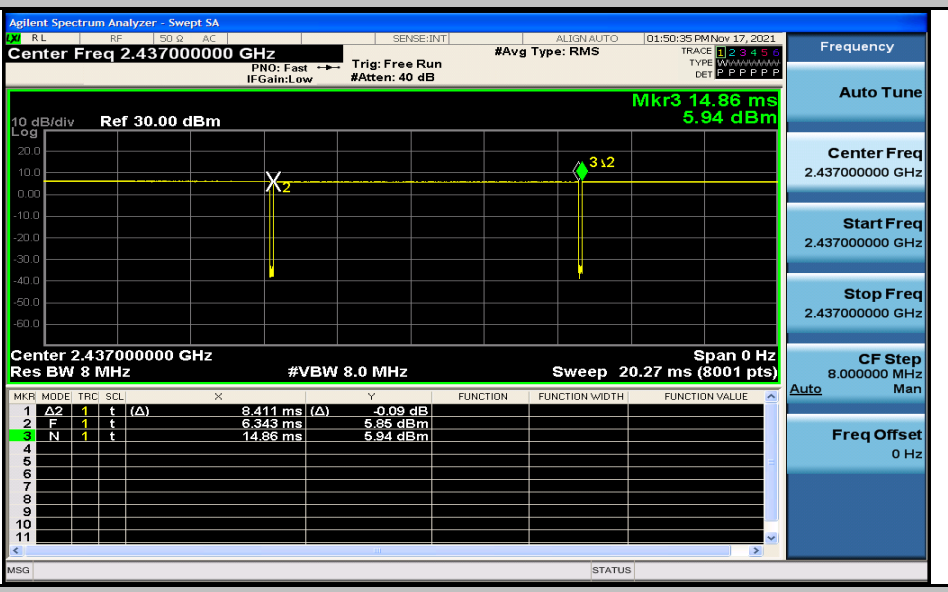

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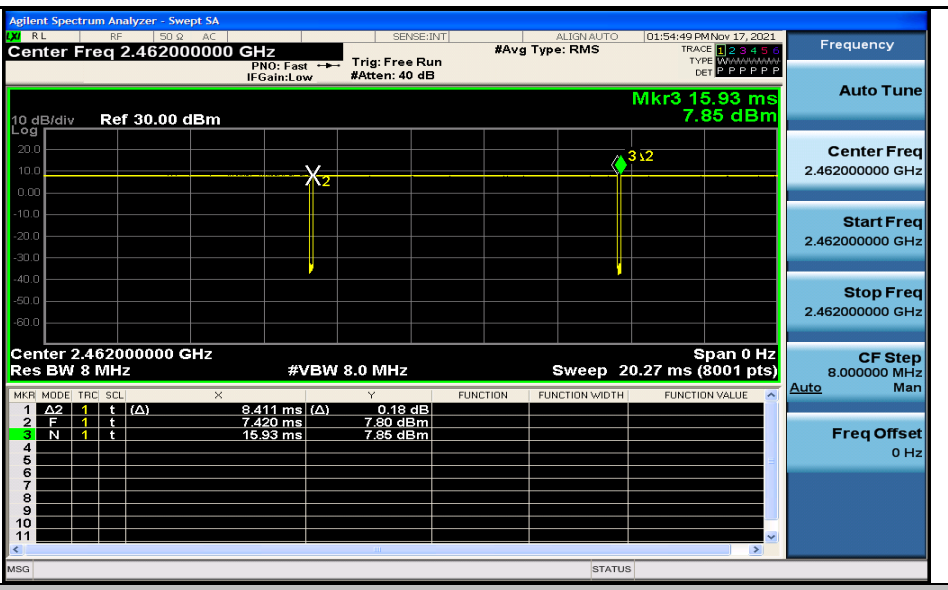

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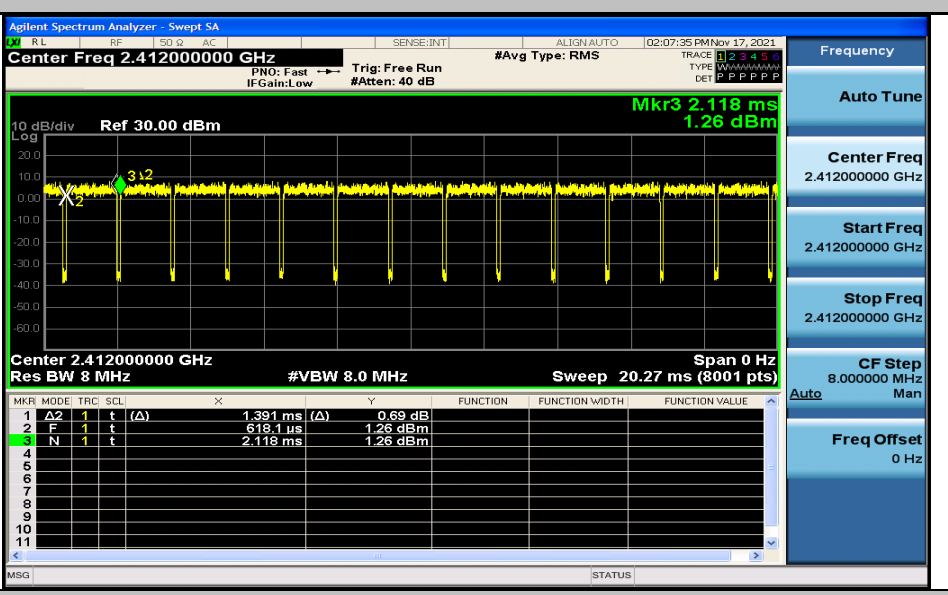

Duty Cycle_11G_2437_Ant1

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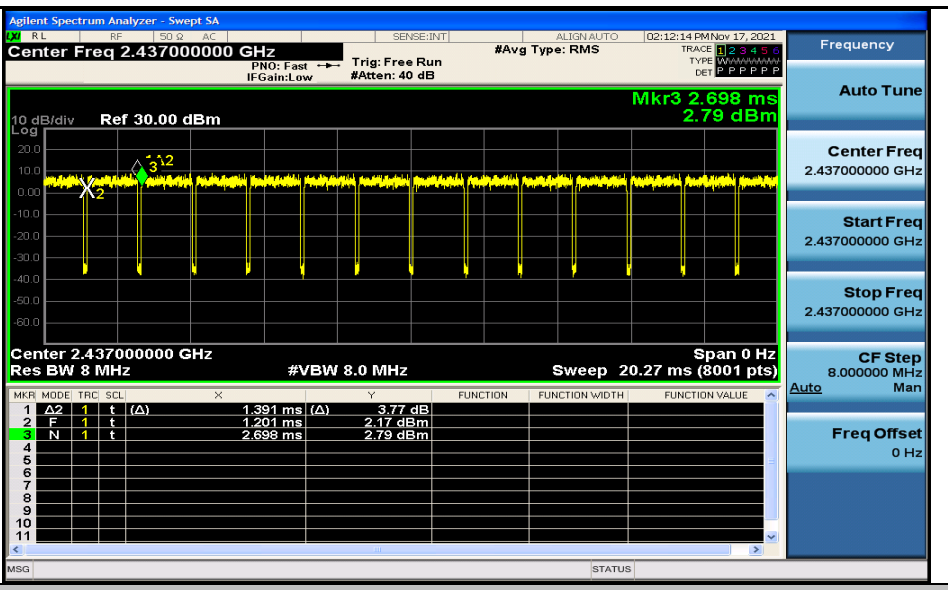
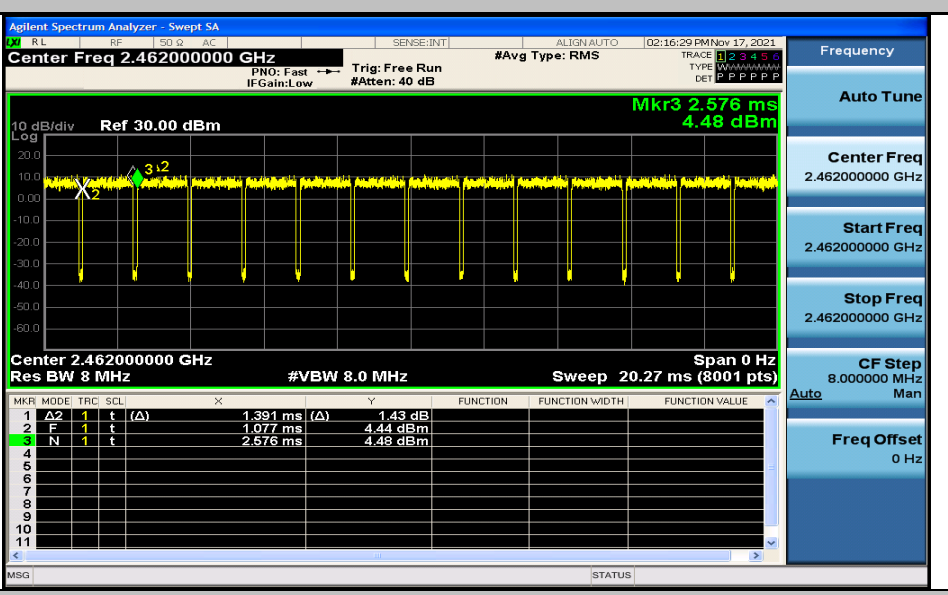


Duty Cycle_11G_2462_Ant1



Duty Cycle_11N20SISO_2412_Ant1

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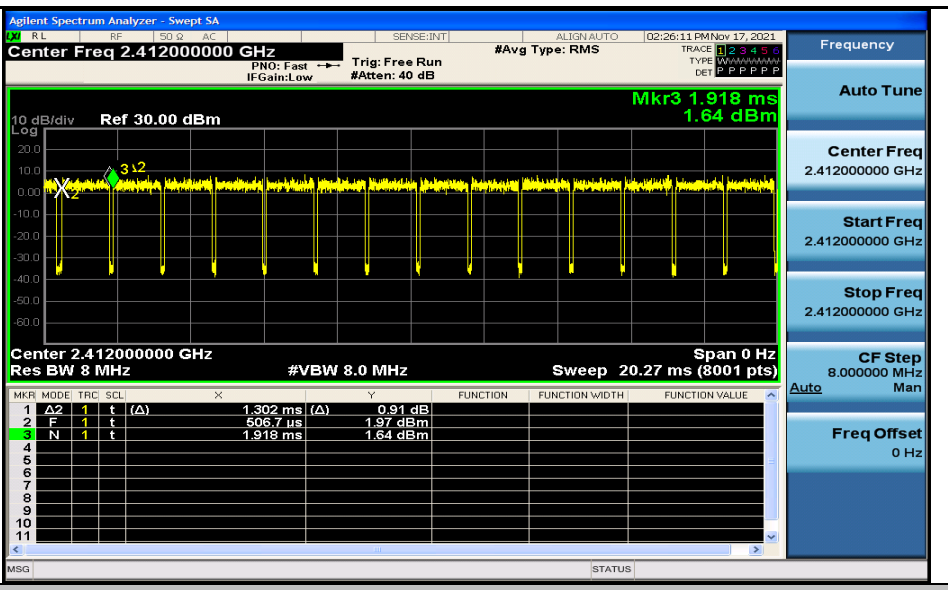

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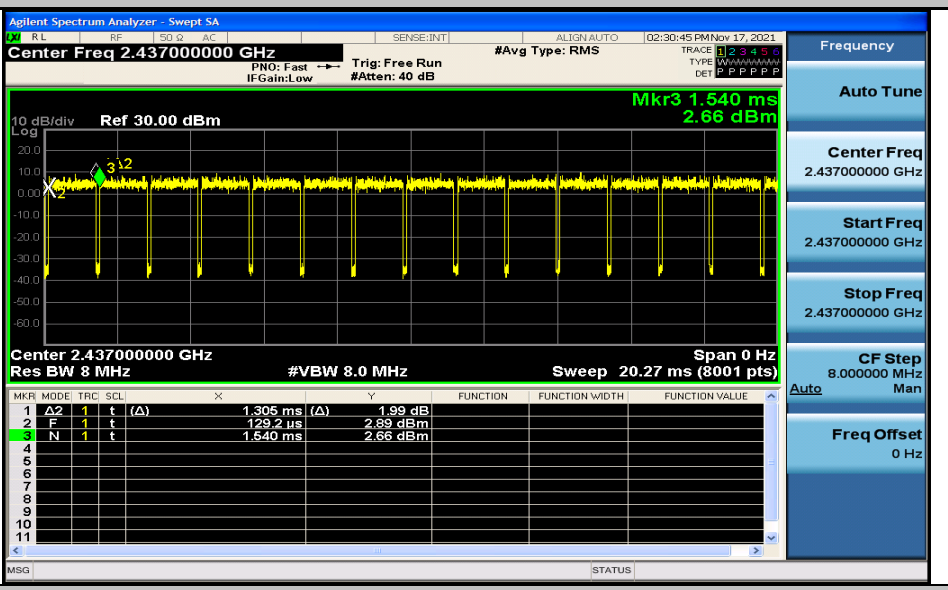

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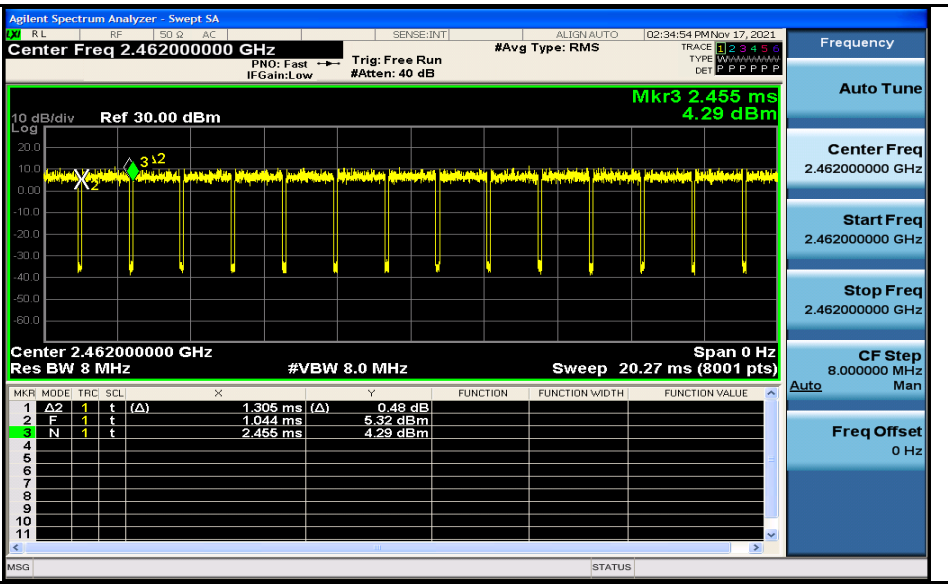

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