

Appendix2

AppendixA: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.600	2407.920	2416.520	≥ 0.5	PASS
	Ant2	2412	9.640	2406.920	2416.560	≥ 0.5	PASS
	Ant1	2437	8.680	2432.400	2441.080	≥ 0.5	PASS
	Ant2	2437	10.120	2431.920	2442.040	≥ 0.5	PASS
	Ant1	2462	9.120	2457.440	2466.560	≥ 0.5	PASS
	Ant2	2462	9.160	2457.400	2466.560	≥ 0.5	PASS
11G	Ant1	2412	16.440	2403.760	2420.200	≥ 0.5	PASS
	Ant2	2412	16.400	2403.800	2420.200	≥ 0.5	PASS
	Ant1	2437	16.400	2428.800	2445.200	≥ 0.5	PASS
	Ant2	2437	16.360	2428.800	2445.160	≥ 0.5	PASS
	Ant1	2462	16.400	2453.800	2470.200	≥ 0.5	PASS
	Ant2	2462	16.440	2453.760	2470.200	≥ 0.5	PASS
11N20	Ant1	2412	17.640	2403.160	2420.800	≥ 0.5	PASS
	Ant2	2412	17.360	2403.440	2420.800	≥ 0.5	PASS
	Ant1	2437	17.600	2428.200	2445.800	≥ 0.5	PASS
	Ant2	2437	17.400	2428.400	2445.800	≥ 0.5	PASS
	Ant1	2462	17.640	2453.160	2470.800	≥ 0.5	PASS
	Ant2	2462	17.640	2453.160	2470.800	≥ 0.5	PASS
11N40	Ant1	2422	35.520	2404.320	2439.840	≥ 0.5	PASS
	Ant2	2422	35.760	2404.000	2439.760	≥ 0.5	PASS
	Ant1	2437	35.920	2419.000	2454.920	≥ 0.5	PASS
	Ant2	2437	36.160	2418.760	2454.920	≥ 0.5	PASS
	Ant1	2452	35.440	2434.400	2469.840	≥ 0.5	PASS
	Ant2	2452	35.920	2434.000	2469.920	≥ 0.5	PASS

Test Graphs

11B_Ant1_2412



11B_Ant2_2412



11B_Ant1_2437



11B_Ant2_2437



11B_Ant1_2462



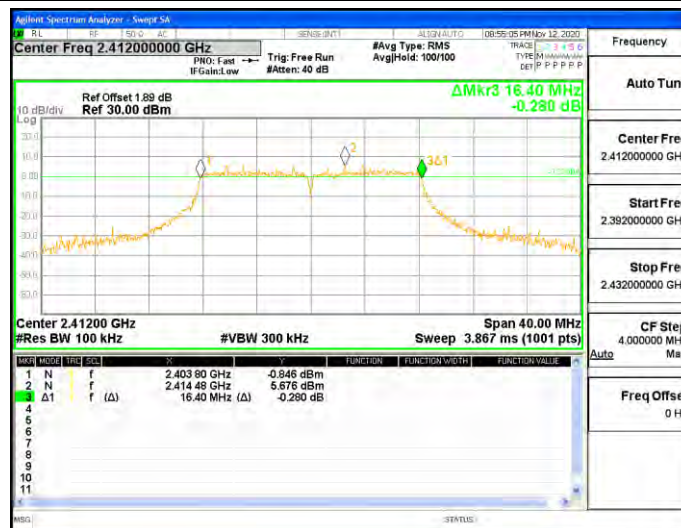
11B_Ant2_2462



11G_Ant1_2412



11G_Ant2_2412



11G_Ant1_2437



11G_Ant2_2437



11G_Ant1_2462



11G_Ant2_2462



11N20_Ant1_2412



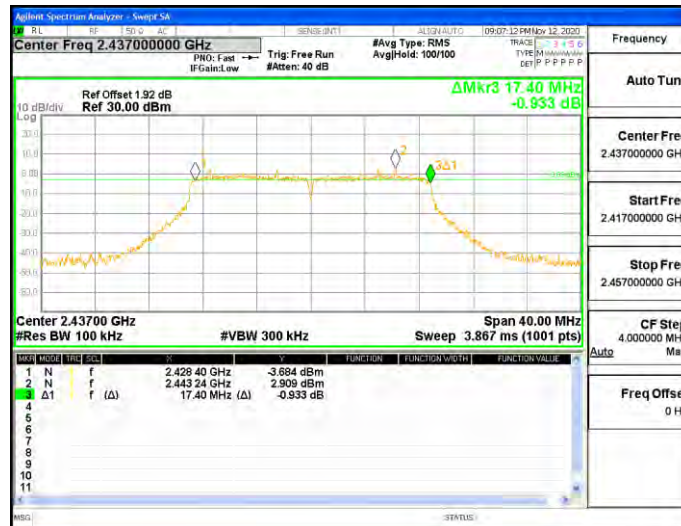
11N20_Ant2_2412



11N20_Ant1_2437



11N20_Ant2_2437



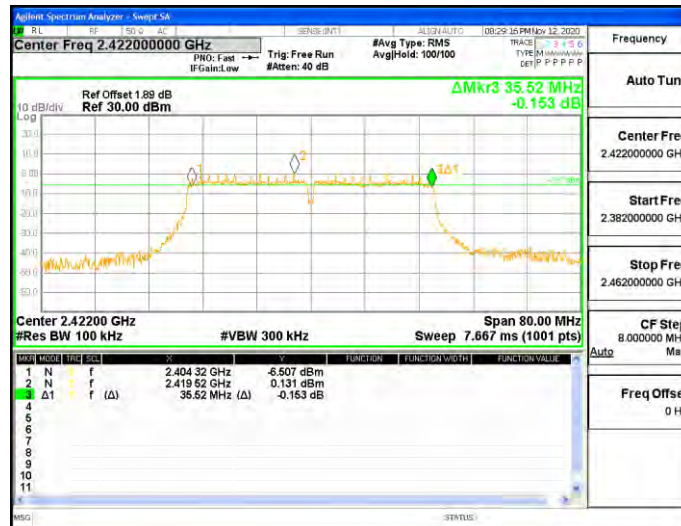
11N20_Ant1_2462



11N20Ant2_2462



11N40_Ant1_2422



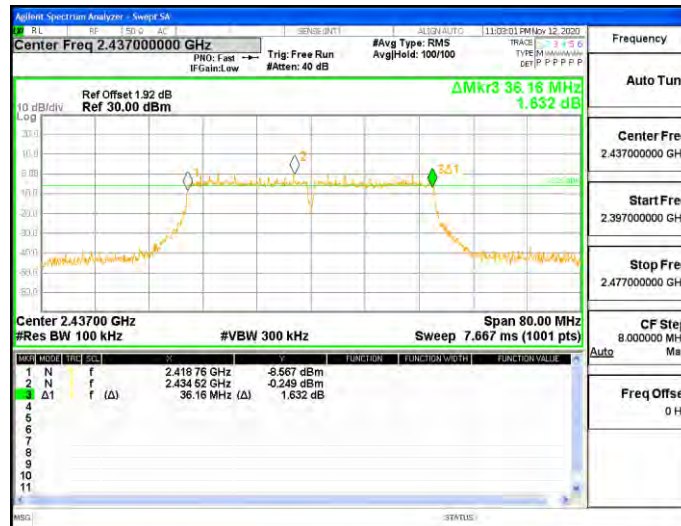
11N40_Ant2_2422



11N40_Ant1_2437



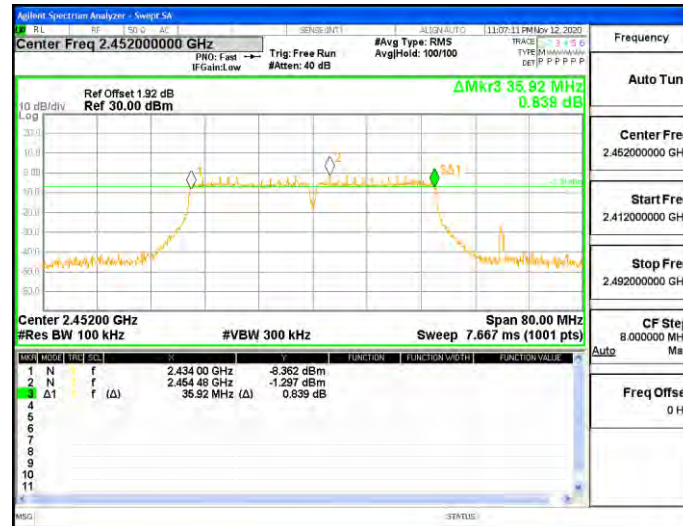
11N40_Ant2_2437



11N40_Ant1_2452



11N40_Ant2_2452



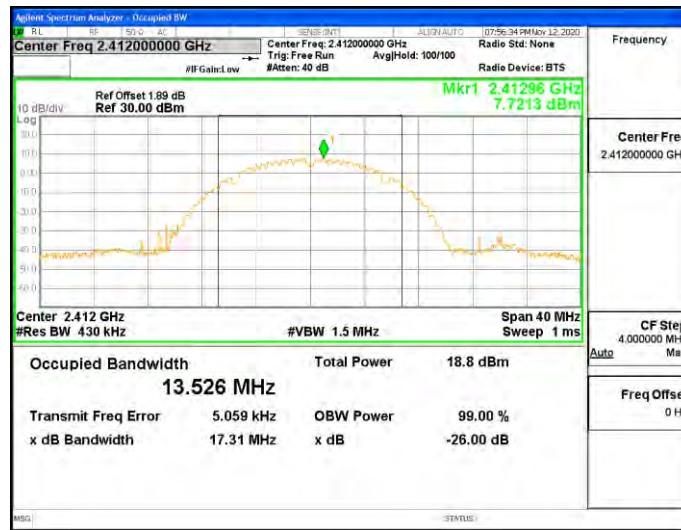
AppendixB: Occupied Channel Bandwidth

Test Result

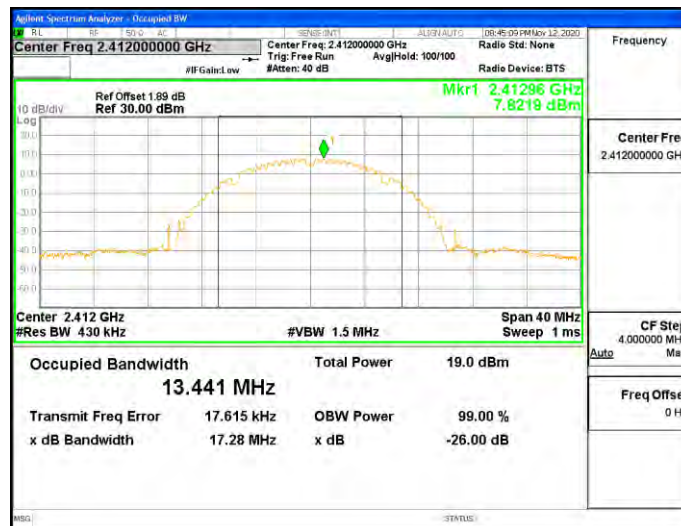
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.526	2405.242	2418.768	---	PASS
	Ant2	2412	13.441	2405.297	2418.738	---	PASS
	Ant1	2437	13.656	2430.185	2443.841	---	PASS
	Ant2	2437	13.476	2430.210	2443.686	---	PASS
	Ant1	2462	13.603	2455.182	2468.785	---	PASS
	Ant2	2462	13.499	2455.268	2468.767	---	PASS
11G	Ant1	2412	17.200	2403.415	2420.615	---	PASS
	Ant2	2412	17.179	2403.440	2420.619	---	PASS
	Ant1	2437	17.165	2428.402	2445.567	---	PASS
	Ant2	2437	17.158	2428.401	2445.559	---	PASS
	Ant1	2462	17.224	2453.362	2470.586	---	PASS
	Ant2	2462	17.146	2453.424	2470.570	---	PASS
11N20	Ant1	2412	18.024	2403.004	2421.028	---	PASS
	Ant2	2412	18.104	2402.934	2421.038	---	PASS
	Ant1	2437	18.119	2427.912	2446.031	---	PASS
	Ant2	2437	18.091	2427.917	2446.008	---	PASS
	Ant1	2462	18.046	2452.979	2471.025	---	PASS
	Ant2	2462	18.070	2452.965	2471.035	---	PASS
11N40	Ant1	2422	36.636	2403.713	2440.349	---	PASS
	Ant2	2422	36.480	2403.718	2440.198	---	PASS
	Ant1	2437	36.742	2418.577	2455.319	---	PASS
	Ant2	2437	36.549	2418.681	2455.230	---	PASS
	Ant1	2452	36.696	2433.762	2470.458	---	PASS
	Ant2	2452	36.663	2433.702	2470.365	---	PASS

Test Graphs

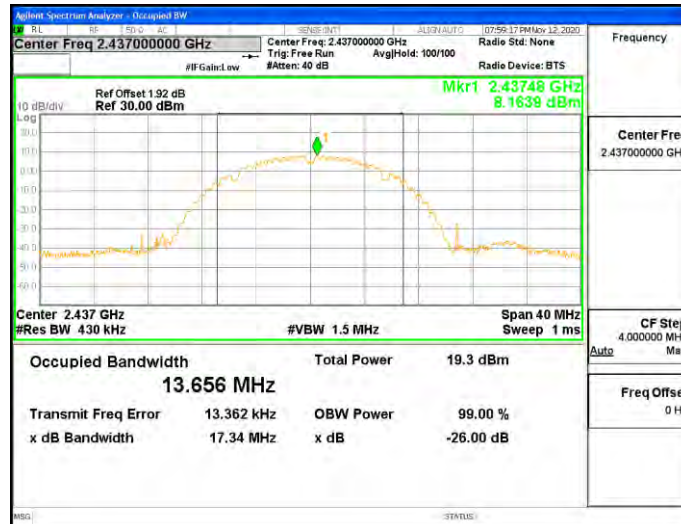
11B_Ant1_2412



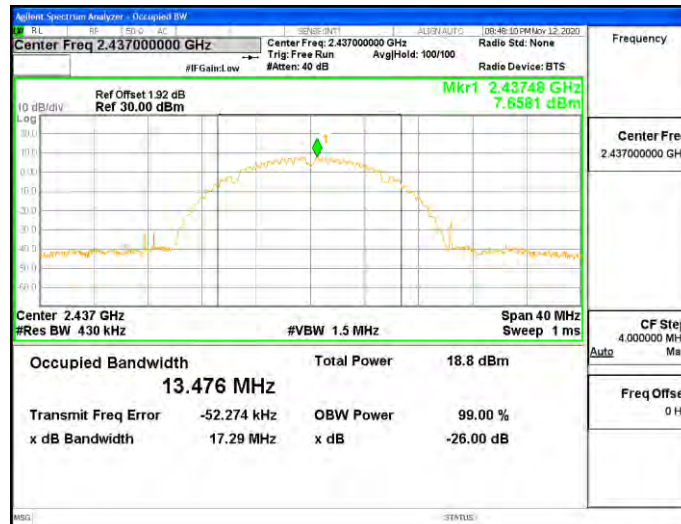
11B_Ant2_2412



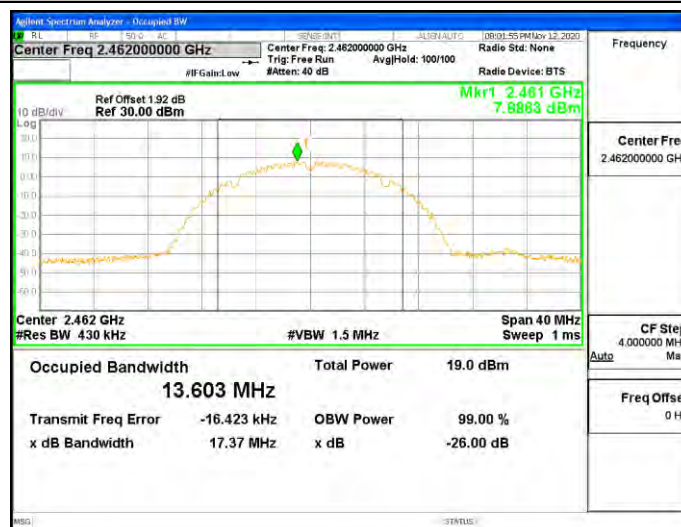
11B_Ant1_2437



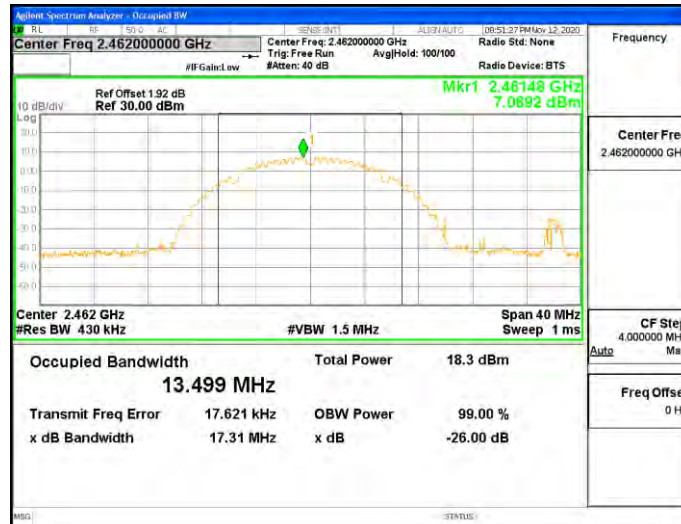
11B_Ant2_2437



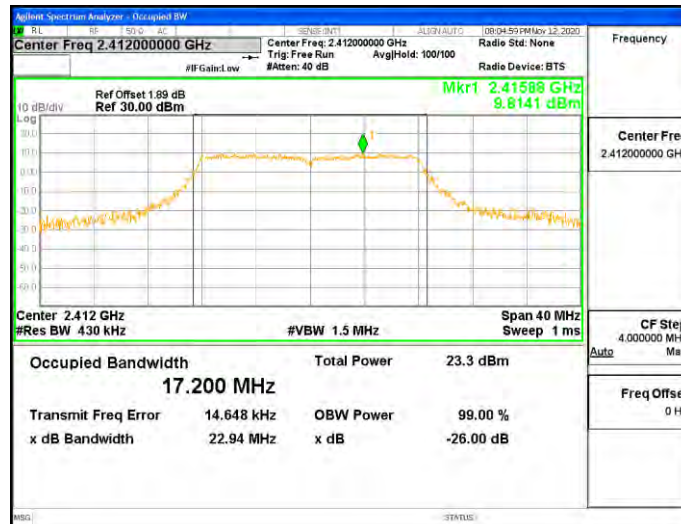
11B_Ant1_2462



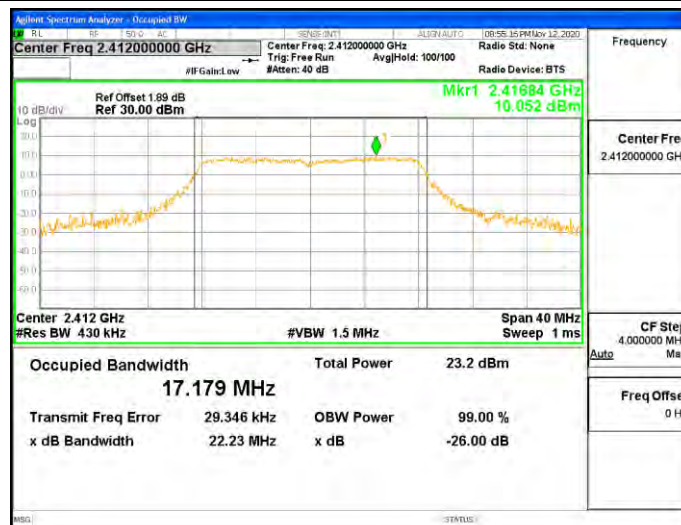
11B_Ant2_2462



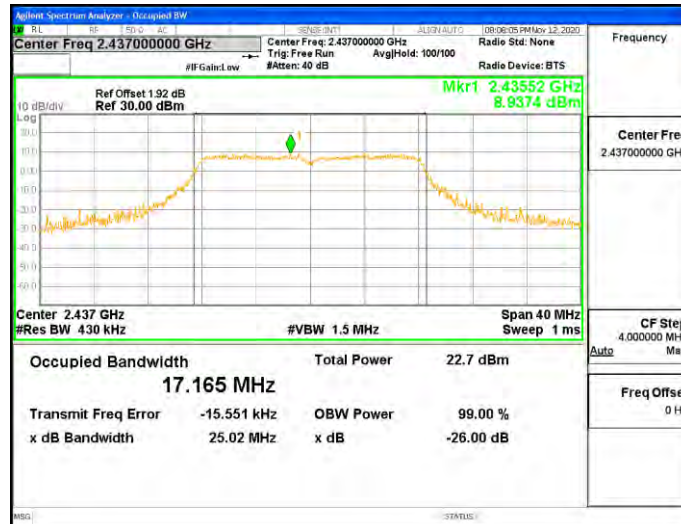
11G_Ant1_2412



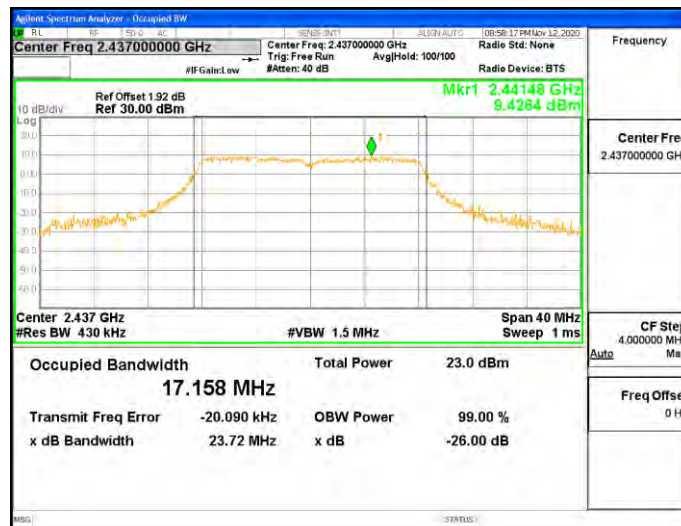
11G_Ant2_2412



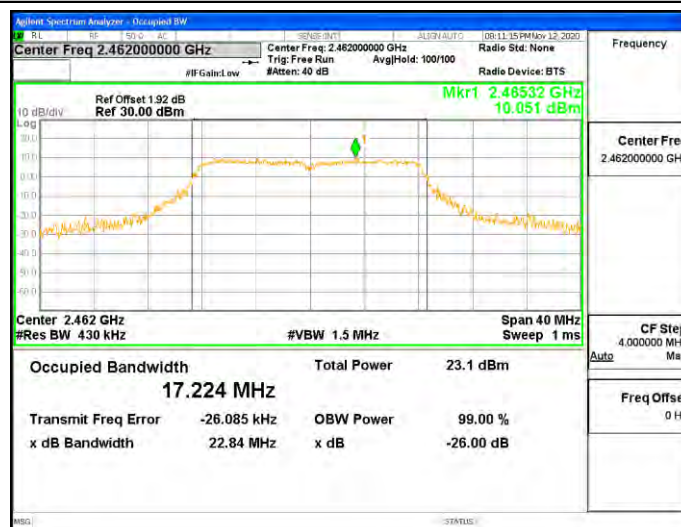
11G_Ant1_2437



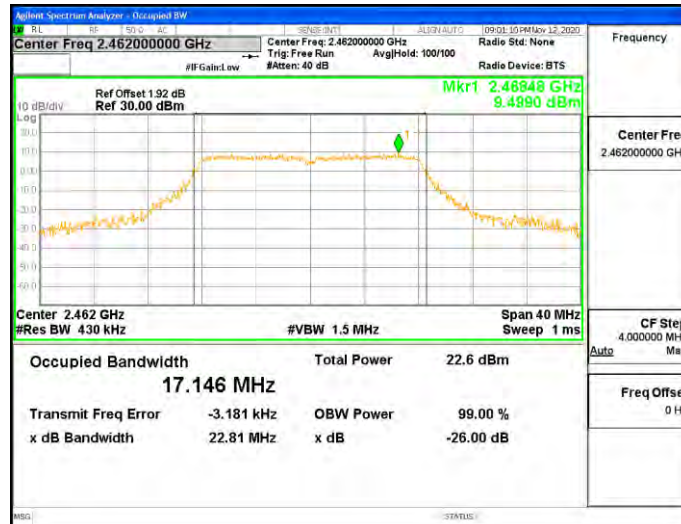
11G_Ant2_2437



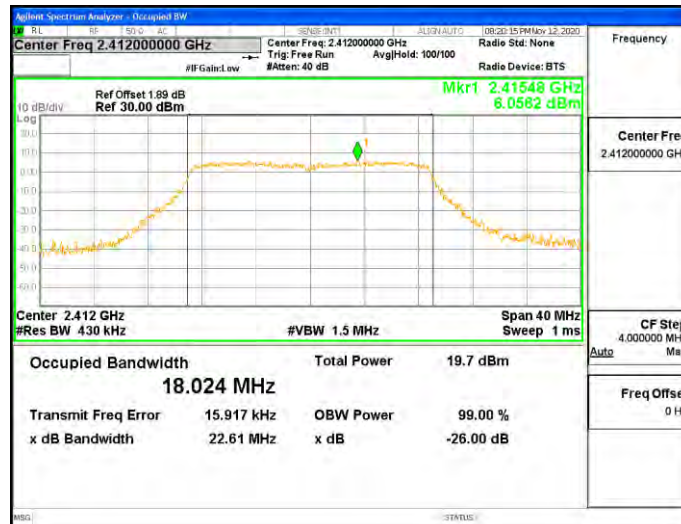
11G_Ant1_2462



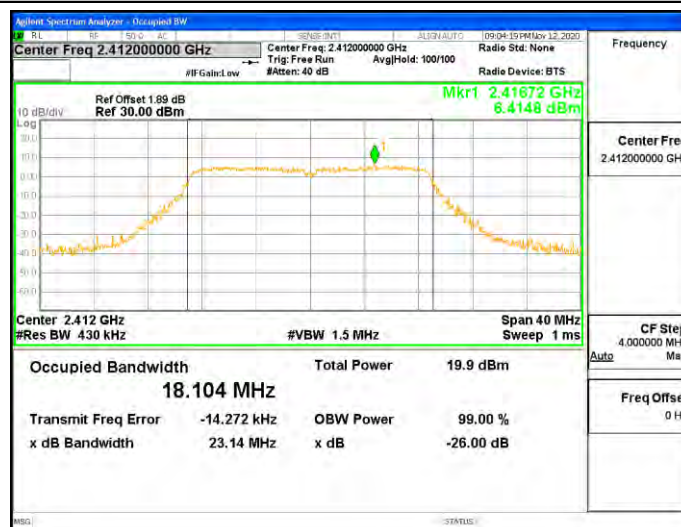
11G_Ant2_2462



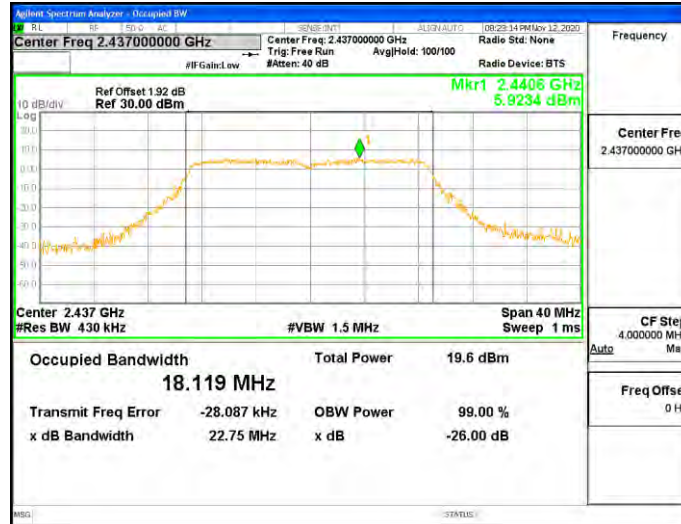
11N20_Ant1_2412



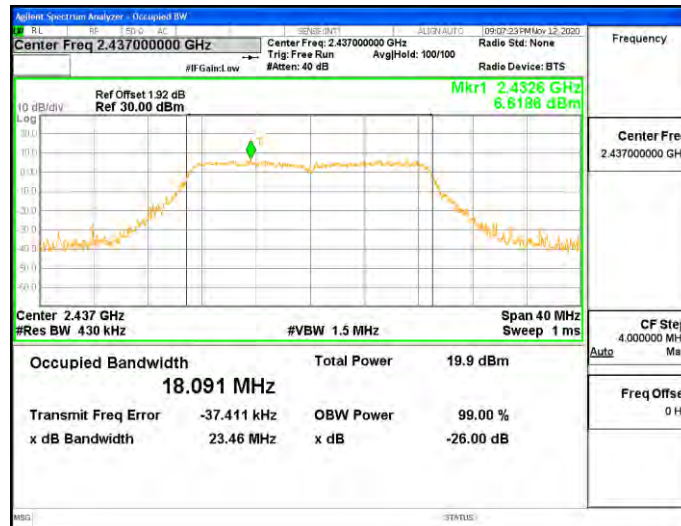
11N20_Ant2_2412



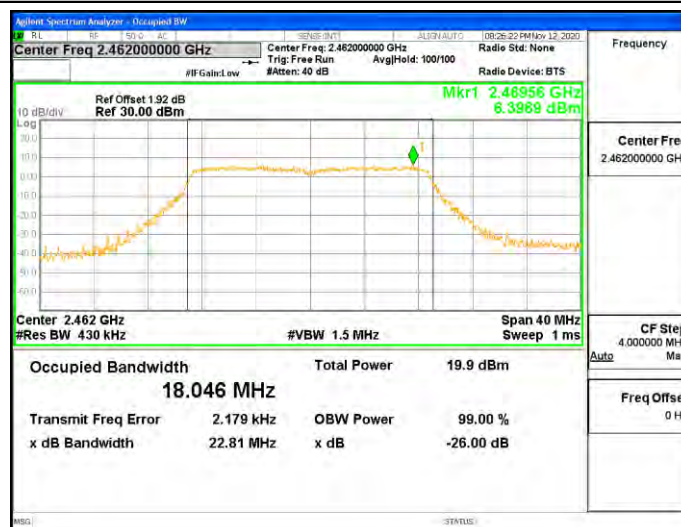
11N20_Ant1_2437



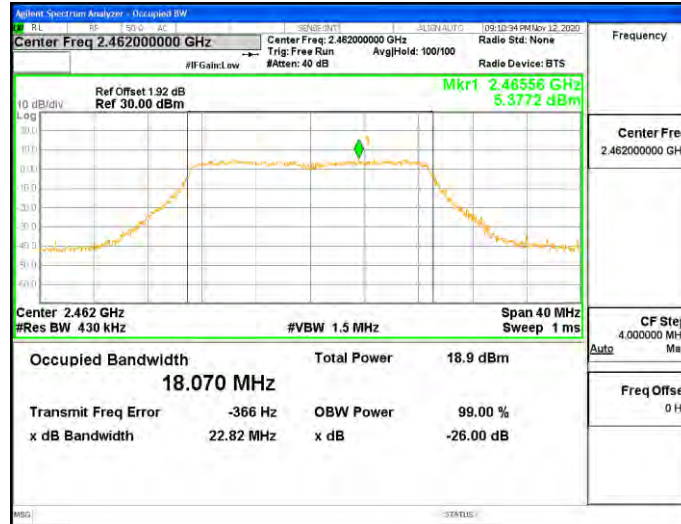
11N20_Ant2_2437



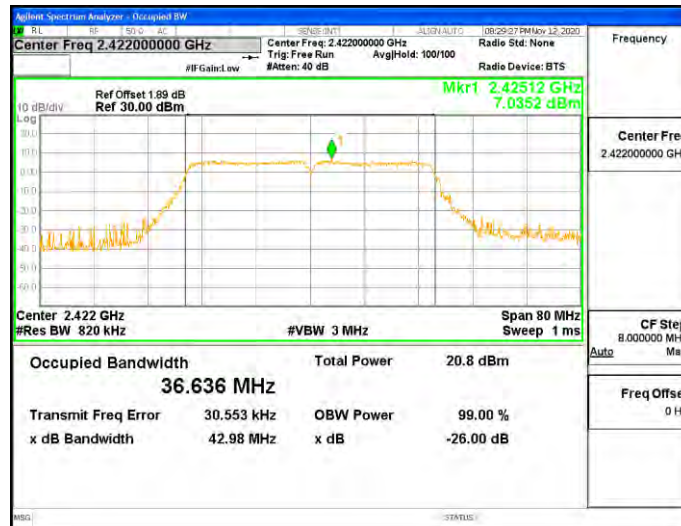
11N20_Ant1_2462



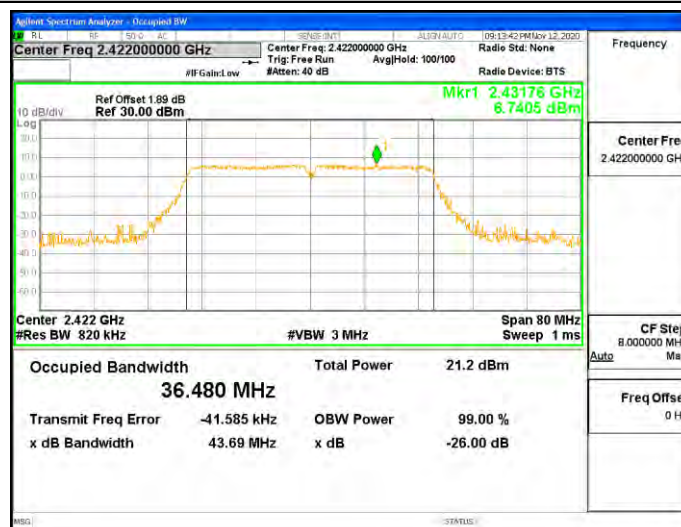
11N20_Ant2_2462



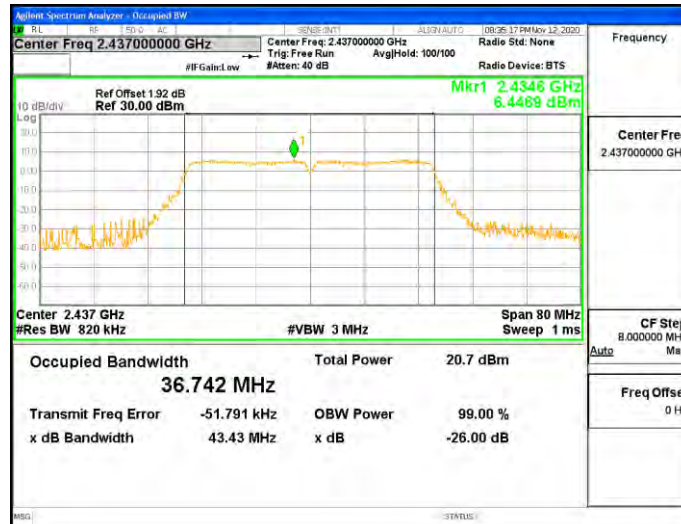
11N40_Ant1_2422



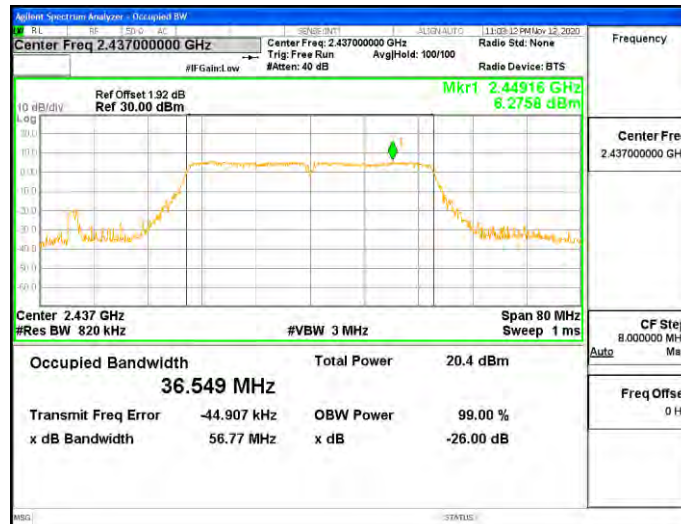
11N40_Ant2_2422



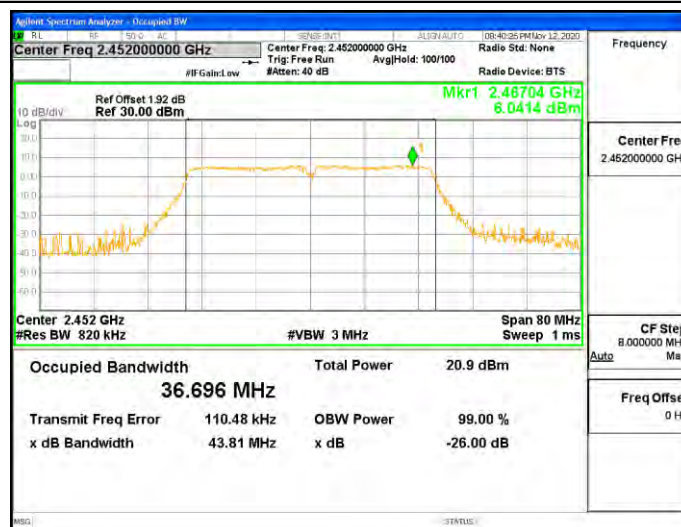
11N40_Ant1_2437



11N40_Ant2_2437



11N40_Ant1_2452



11N40_Ant2_2452



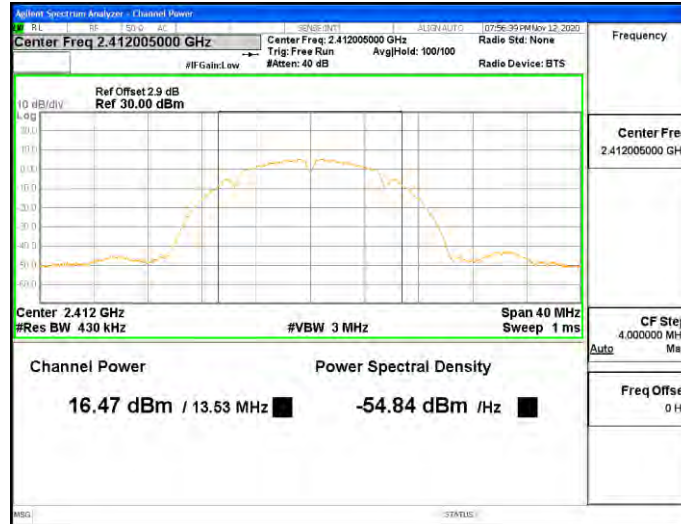
AppendixC: Maximum conducted output power

Test Result

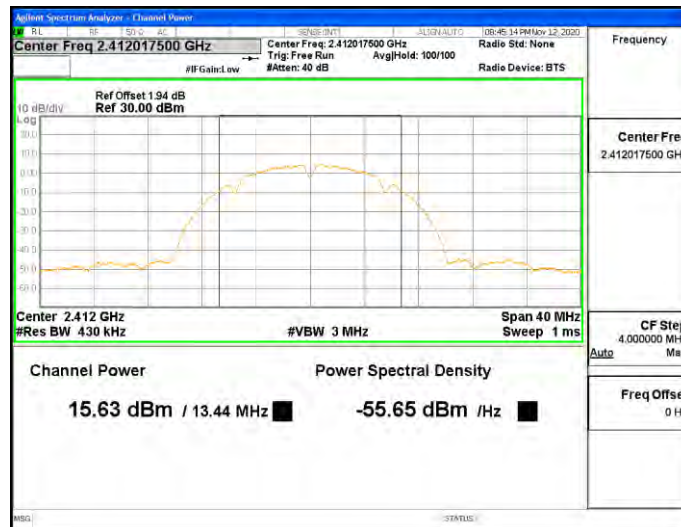
TestMode	Antenna	Channel	Result[dBm]	Total Power [dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	16.47	/	<=30	PASS
	Ant2	2412	15.64	/	<=30	PASS
	Ant1	2437	15.11	/	<=30	PASS
	Ant2	2437	16.97	/	<=30	PASS
	Ant1	2462	15.52	/	<=30	PASS
	Ant2	2462	15.10	/	<=30	PASS
11G	Ant1	2412	17.82	/	<=30	PASS
	Ant2	2412	16.83	/	<=30	PASS
	Ant1	2437	15.94	/	<=30	PASS
	Ant2	2437	16.64	/	<=30	PASS
	Ant1	2462	16.89	/	<=30	PASS
	Ant2	2462	16.12	/	<=30	PASS
11N20	Ant1	2412	13.33	16.35	<=30	PASS
	Ant2	2412	13.35			
	Ant1	2437	11.91	15.33	<=30	PASS
	Ant2	2437	12.70			
	Ant1	2462	16.23	17.70	<=30	PASS
	Ant2	2462	12.27			
11N40	Ant1	2422	12.79	15.34	<=30	PASS
	Ant2	2422	11.81			
	Ant1	2437	13.46	16.15	<=30	PASS
	Ant2	2437	12.79			
	Ant1	2452	13.72	16.20	<=30	PASS
	Ant2	2452	12.58			

Test Graphs

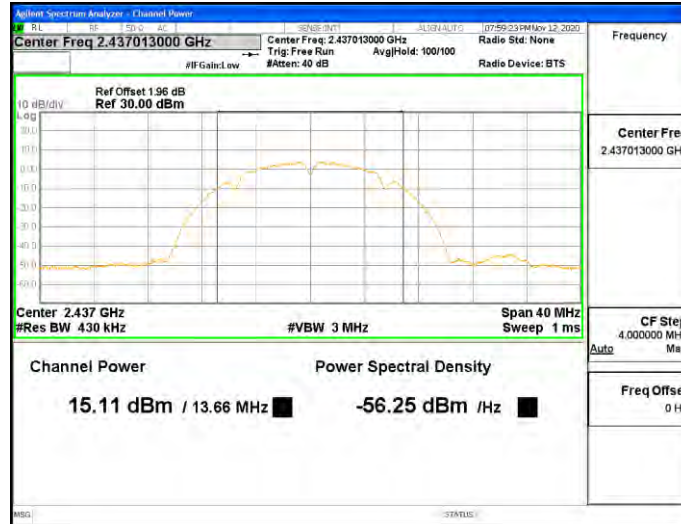
11B_Ant1_2412



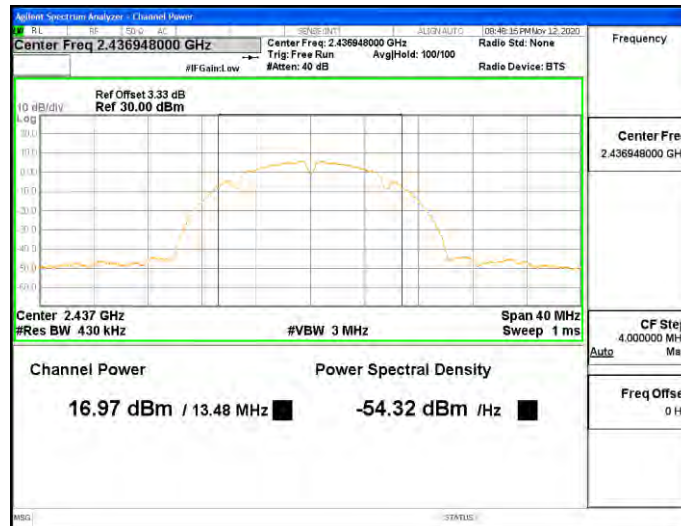
11B_Ant2_2412



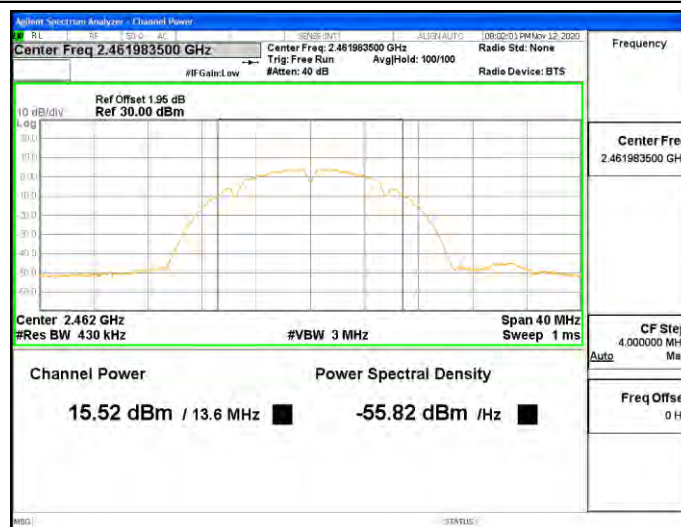
11B_Ant1_2437



11B_Ant2_2437



11B_Ant1_2462



11B_Ant2_2462



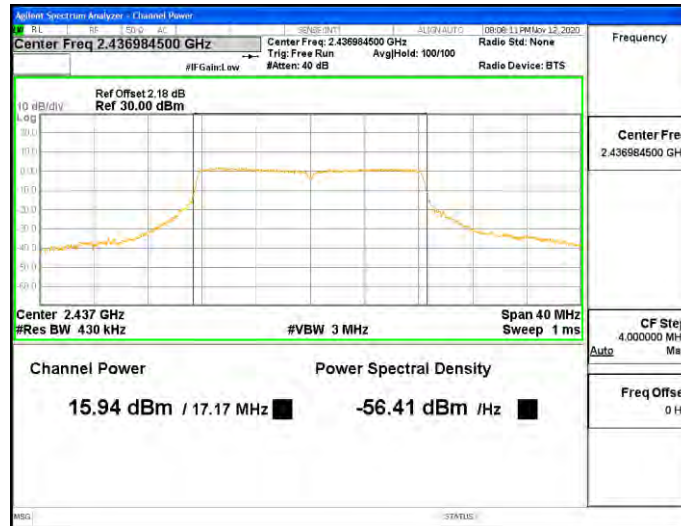
11G_Ant1_2412



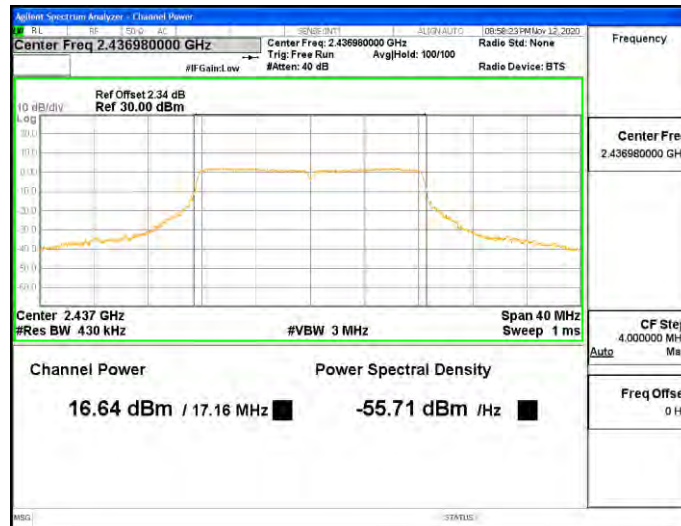
11G_Ant2_2412



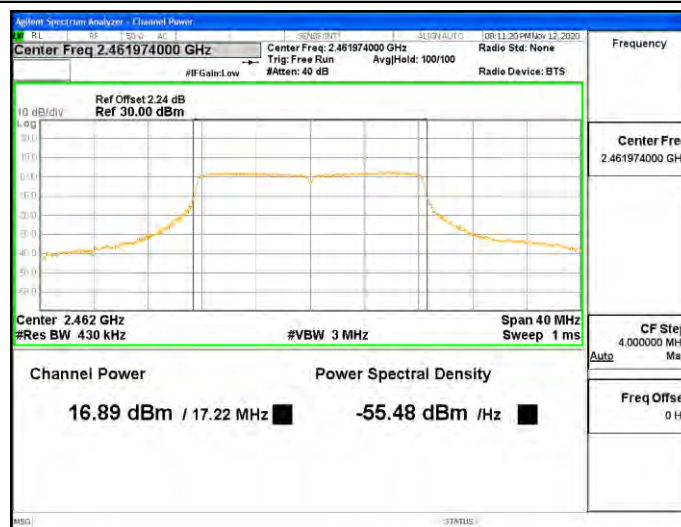
11G_Ant1_2437



11G_Ant2_2437



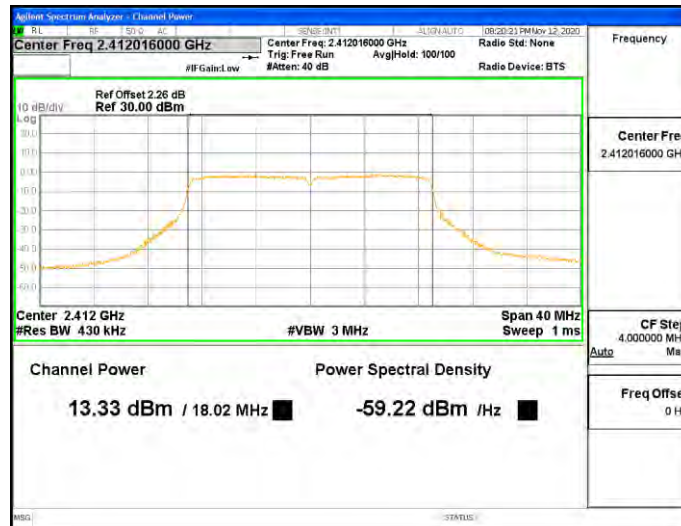
11G_Ant1_2462



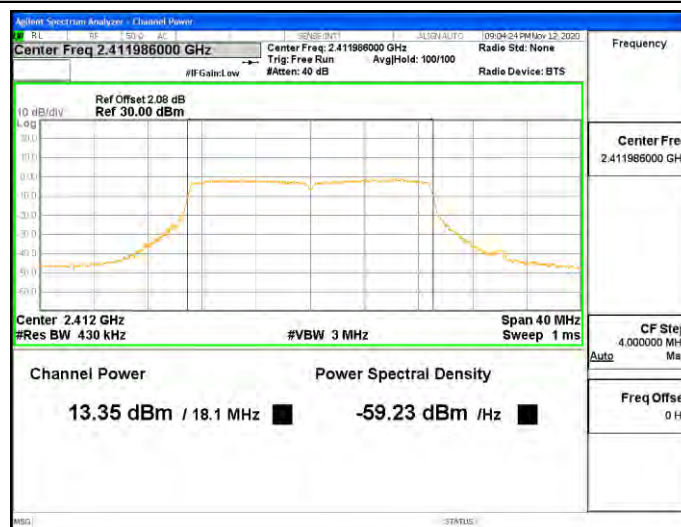
11G_Ant2_2462



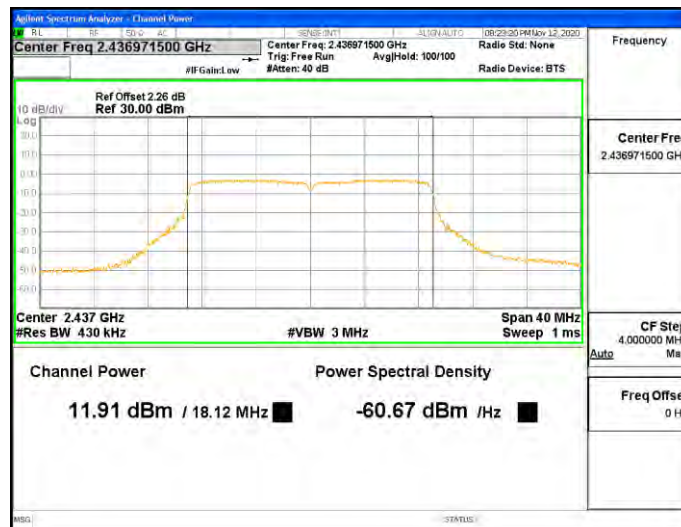
11N20SISO_Ant1_2412



11N20SISO_Ant2_2412



11N20SISO_Ant1_2437



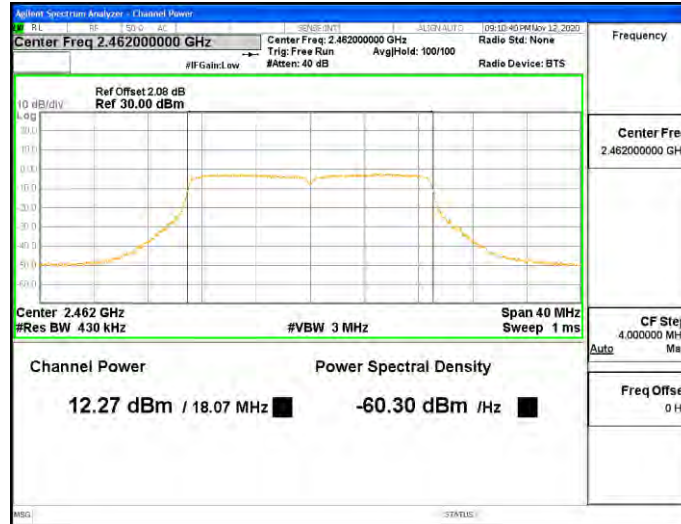
11N20SISO_Ant2_2437



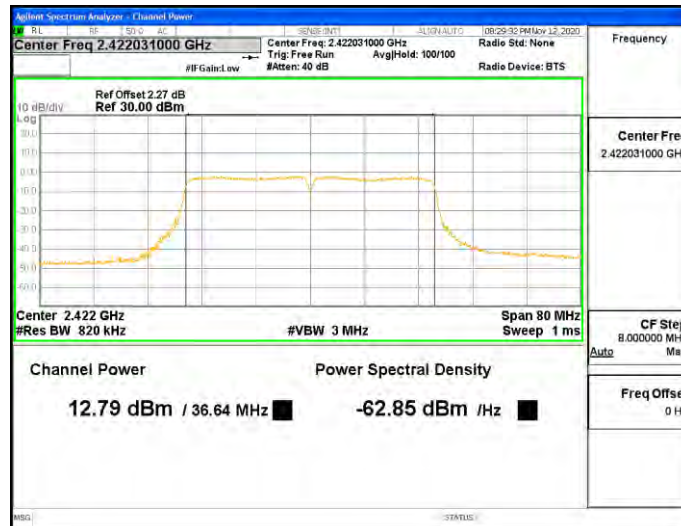
11N20SISO_Ant1_2462



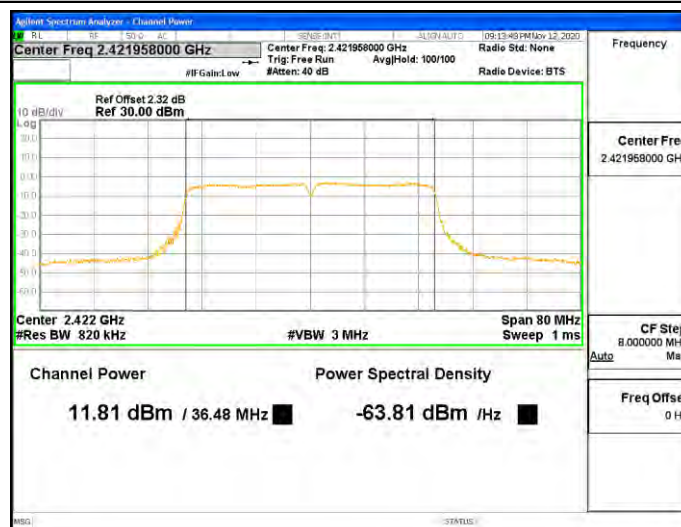
11N20SISO_Ant2_2462



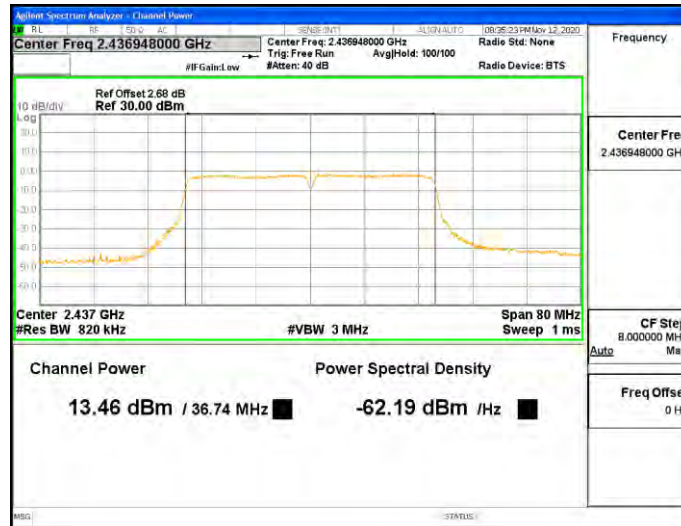
11N40SISO_Ant1_2422



11N40SISO_Ant2_2422



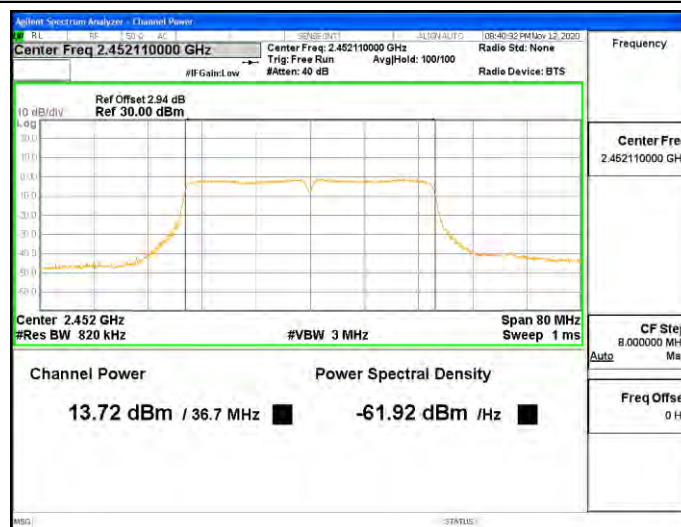
11N40SISO_Ant1_2437



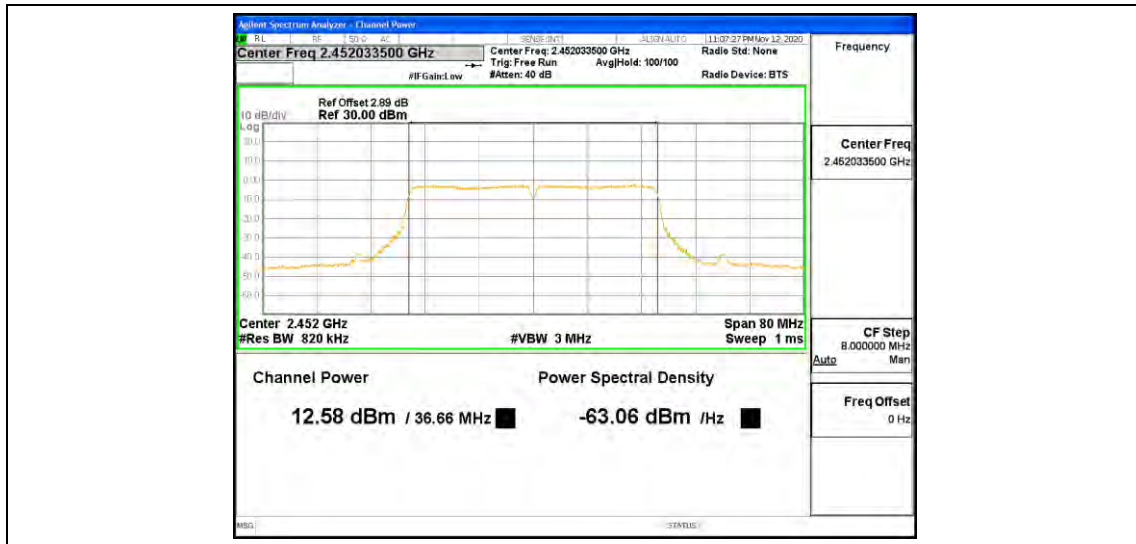
11N40SISO_Ant2_2437



11N40SISO_Ant1_2452



11N40SISO_Ant2_2452



AppendixD: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result [dBm/3-100kHz]	Total [dBm/3-100kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-10.04	/	<=8	PASS
	Ant2	2412	-10.75	/	<=8	PASS
	Ant1	2437	-11.63	/	<=8	PASS
	Ant2	2437	-9.92	/	<=8	PASS
	Ant1	2462	-11.09	/	<=8	PASS
	Ant2	2462	-11.53	/	<=8	PASS
11G	Ant1	2412	-10.7	/	<=8	PASS
	Ant2	2412	-12.2	/	<=8	PASS
	Ant1	2437	-12.47	/	<=8	PASS
	Ant2	2437	-12.11	/	<=8	PASS
	Ant1	2462	-12.35	/	<=8	PASS
	Ant2	2462	-12.45	/	<=8	PASS
11N20	Ant1	2412	-15.48	-12.32	<=8	PASS
	Ant2	2412	-15.48			
	Ant1	2437	-15.18	-12.43	<=8	PASS
	Ant2	2437	-15.71			
	Ant1	2462	-12.49	-10.98	<=8	PASS
	Ant2	2462	-16.29			
11N40	Ant1	2422	-17.22	-14.72	<=8	PASS
	Ant2	2422	-18.32			
	Ant1	2437	-17.28	-14.54	<=8	PASS
	Ant2	2437	-17.84			
	Ant1	2452	-17.09	-14.65	<=8	PASS
	Ant2	2452	-18.32			

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



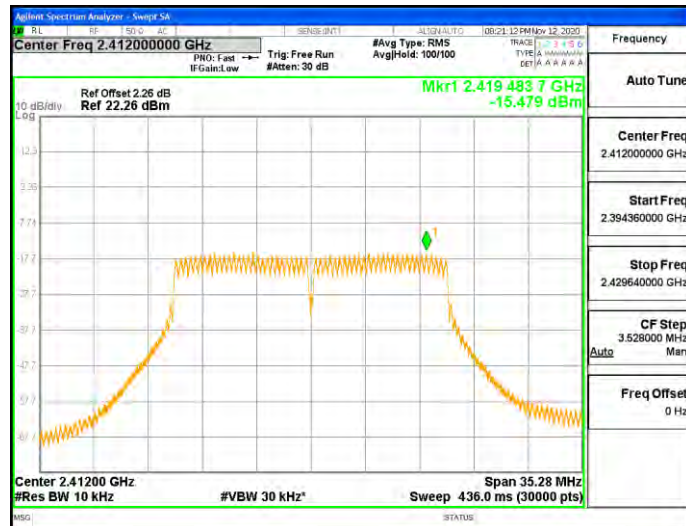
11G_Ant1_2462



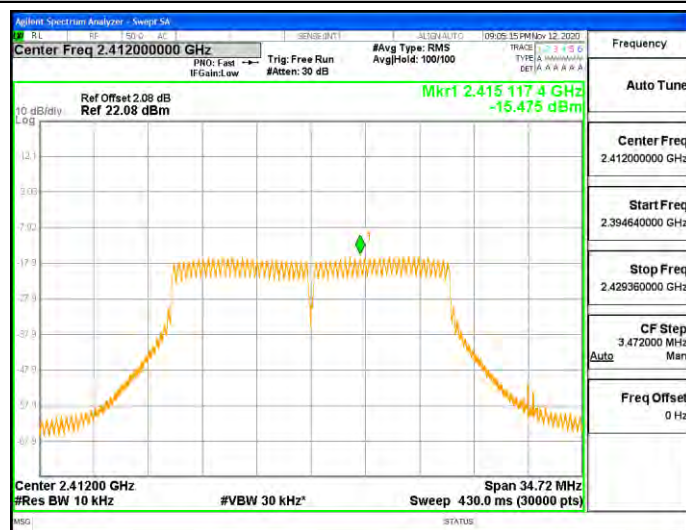
11G_Ant2_2462



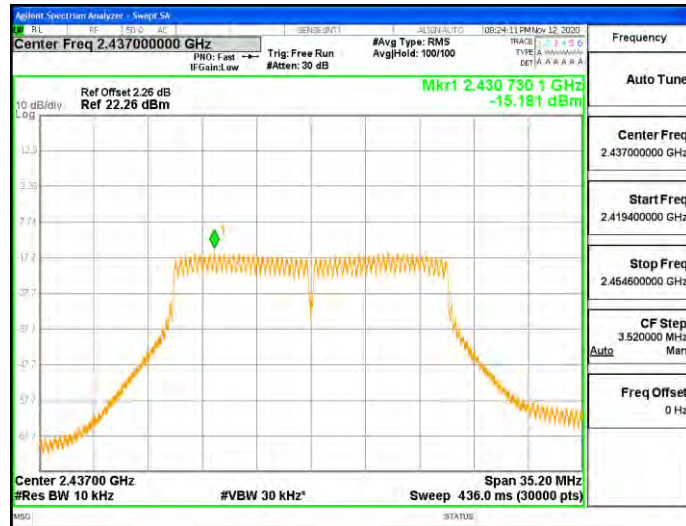
11N20SISO_Ant1_2412



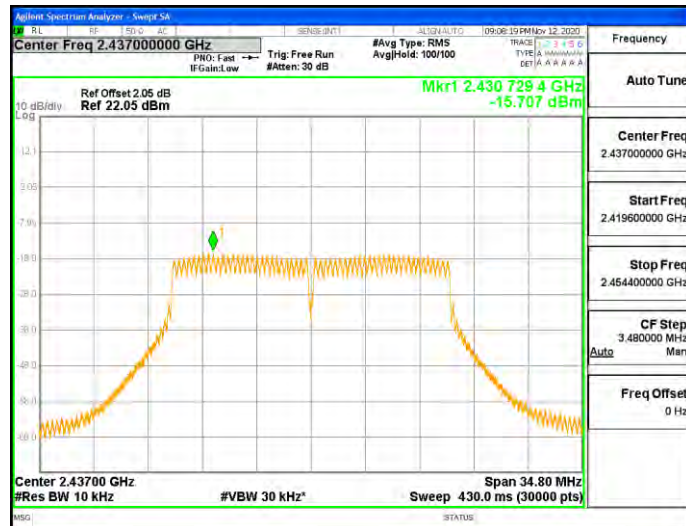
11N20SISO_Ant2_2412



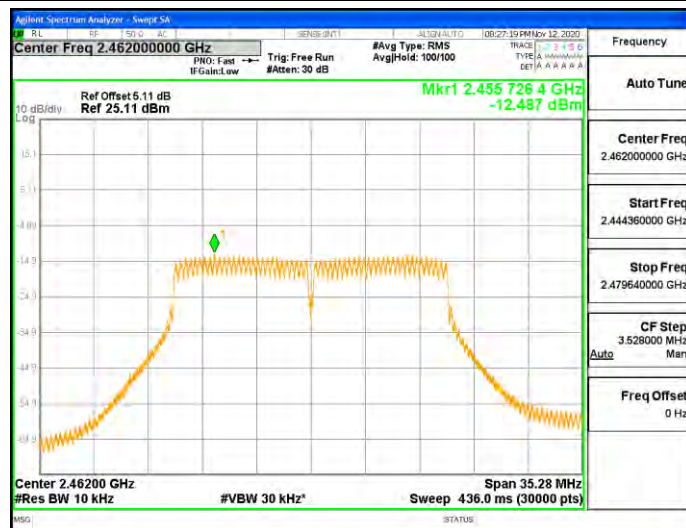
11N20SISO_Ant1_2437



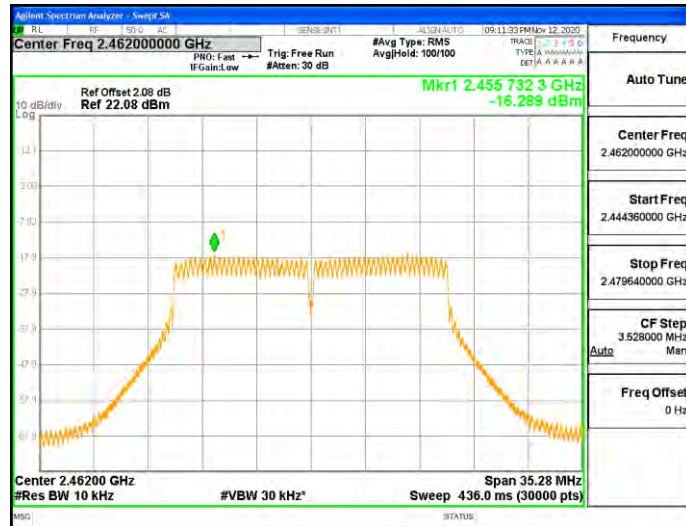
11N20SISO_Ant2_2437



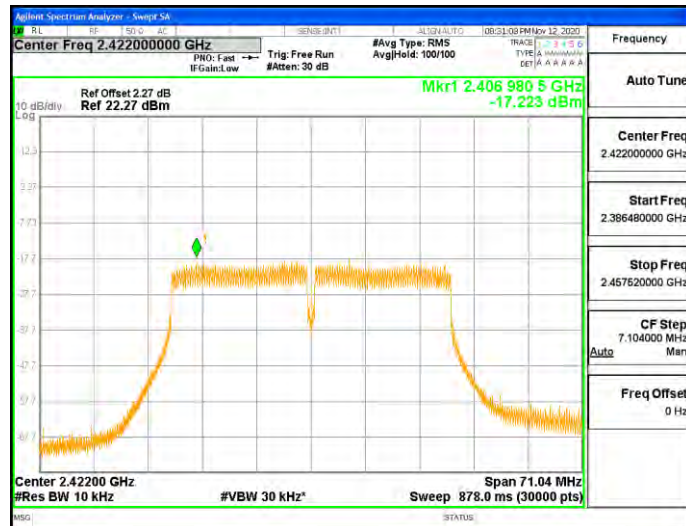
11N20SISO_Ant1_2462



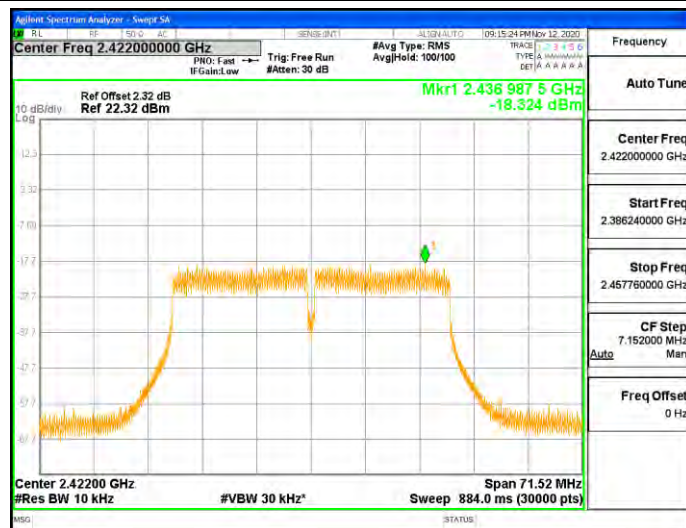
11N20SISO_Ant2_2462



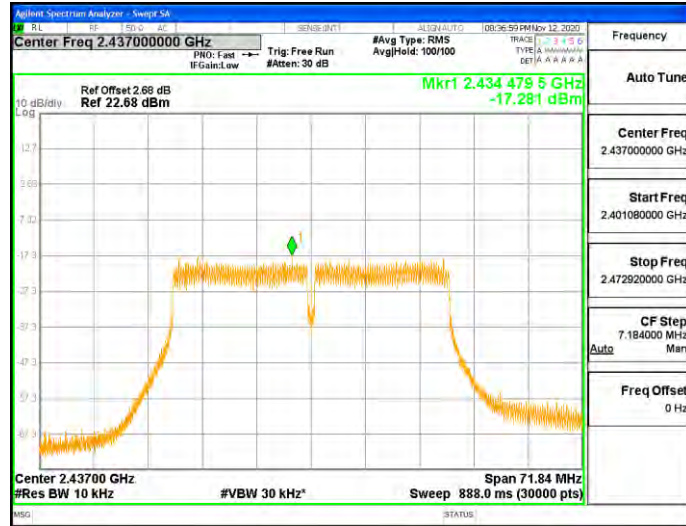
11N40SISO_Ant1_2422



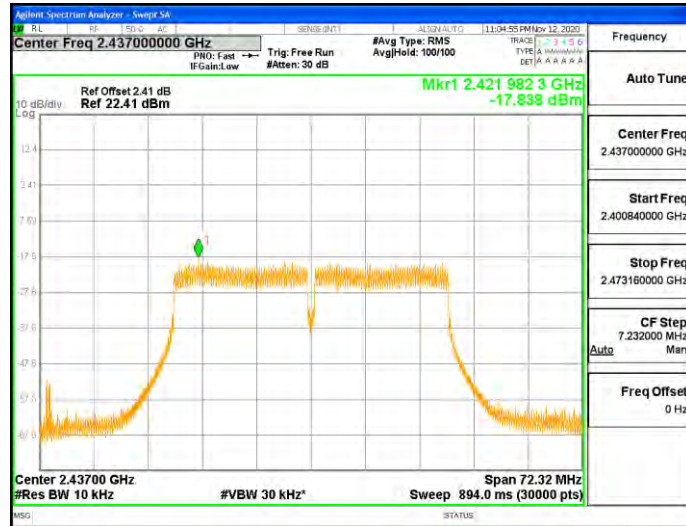
11N40SISO_Ant2_2422



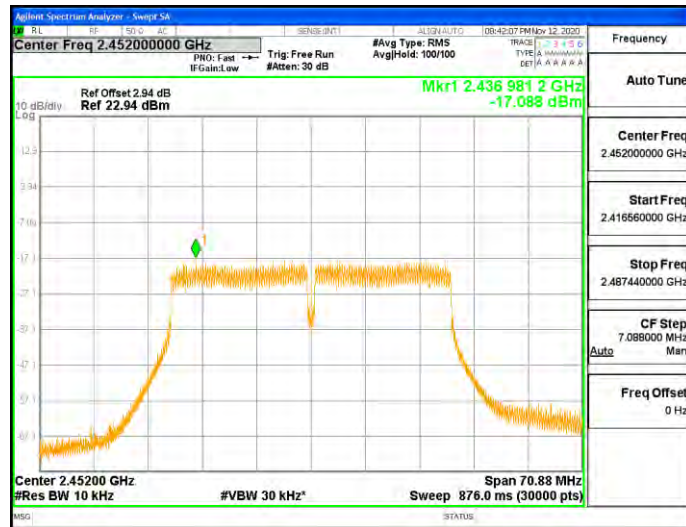
11N40SISO_Ant1_2437



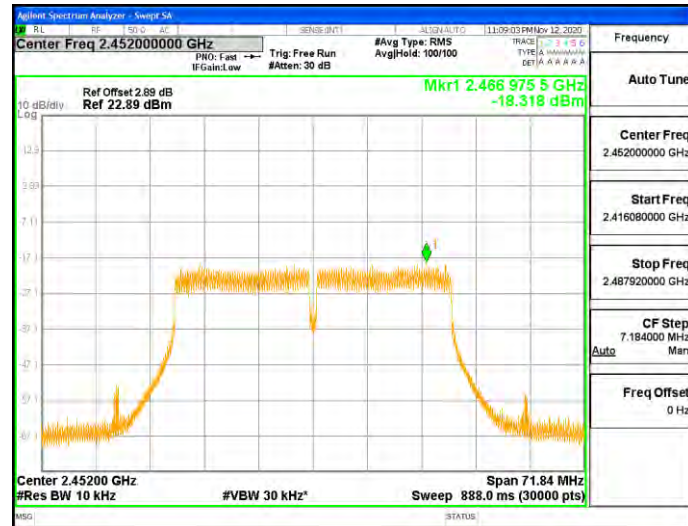
11N40SISO_Ant2_2437



11N40SISO_Ant1_2452



11N40SISO_Ant2_2452



AppendixE:Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	7.04	-52.69	<=-22.96	PASS
	Ant2	Low	2412	7.32	-51.38	<=-22.69	PASS
	Ant1	High	2462	6.80	-53.96	<=-23.21	PASS
	Ant2	High	2462	6.58	-52.14	<=-23.42	PASS
11G	Ant1	Low	2412	6.27	-35.9	<=-23.73	PASS
	Ant2	Low	2412	5.98	-36.48	<=-24.02	PASS
	Ant1	High	2462	5.91	-52.11	<=-24.09	PASS
	Ant2	High	2462	5.22	-52.51	<=-24.78	PASS
11N20SISO	Ant1	Low	2412	2.91	-46.6	<=-27.09	PASS
	Ant2	Low	2412	2.58	-44.06	<=-27.42	PASS
	Ant1	High	2462	2.66	-54.51	<=-27.34	PASS
	Ant2	High	2462	1.54	-53.89	<=-28.46	PASS
11N40SISO	Ant1	Low	2422	-0.05	-43.13	<=-30.05	PASS
	Ant2	Low	2422	0.51	-35.96	<=-29.5	PASS
	Ant1	High	2452	-0.18	-50	<=-30.18	PASS
	Ant2	High	2452	-1.16	-50.76	<=-31.16	PASS

Test Graphs

11B_Ant1_Low_2412



11B_Ant2_Low_2412



11B_Ant1_High_2462



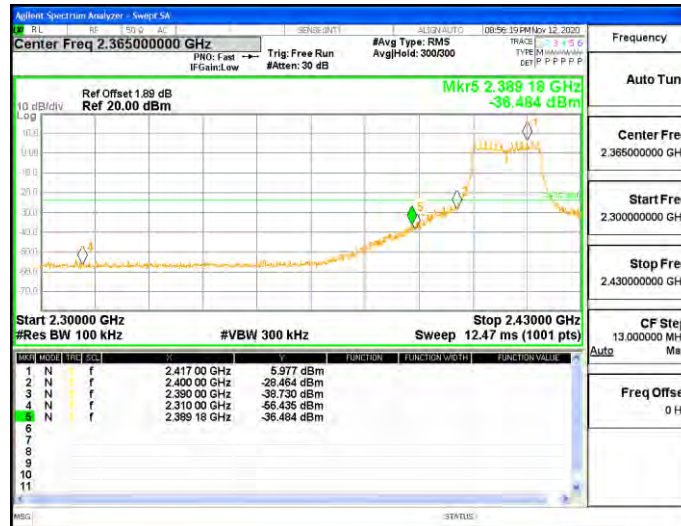
11B_Ant2_High_2462



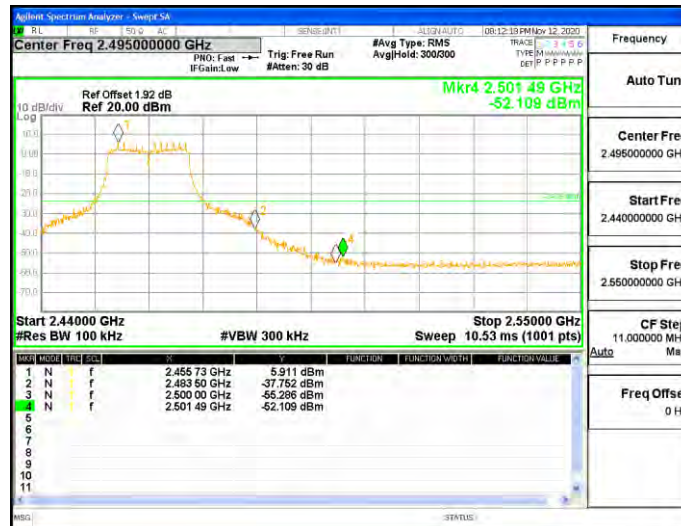
11G_Ant1_Low_2412



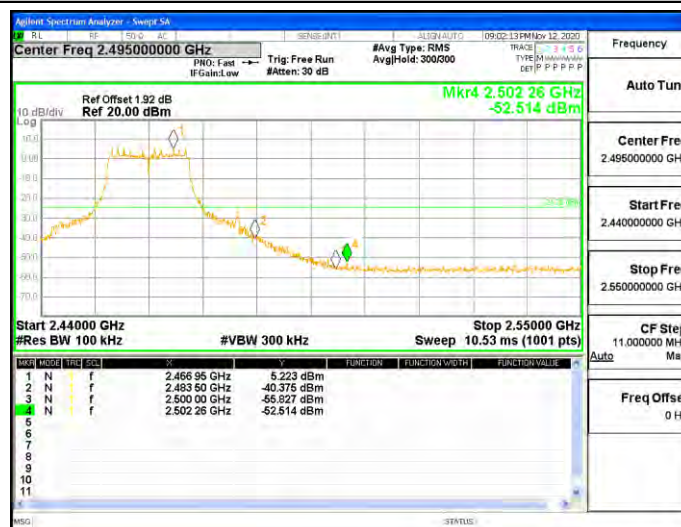
11G_Ant2_Low_2412



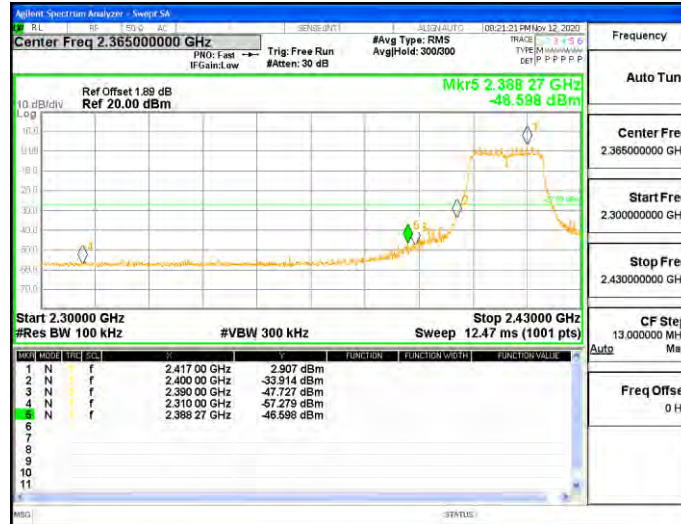
11G_Ant1_High_2462



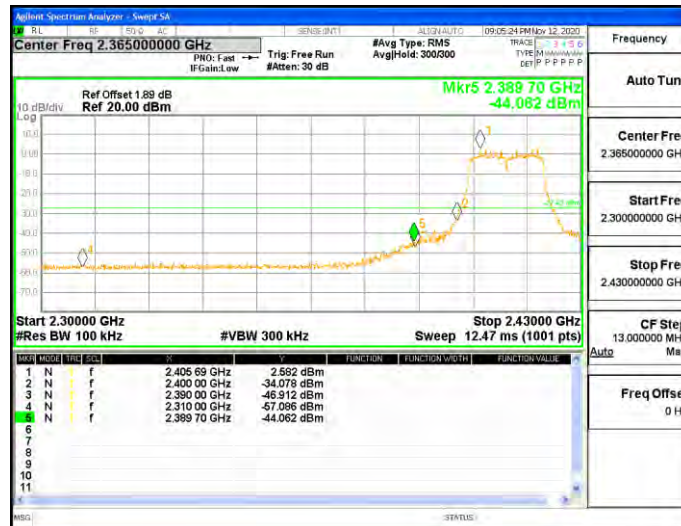
11G_Ant2_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant2_Low_2412



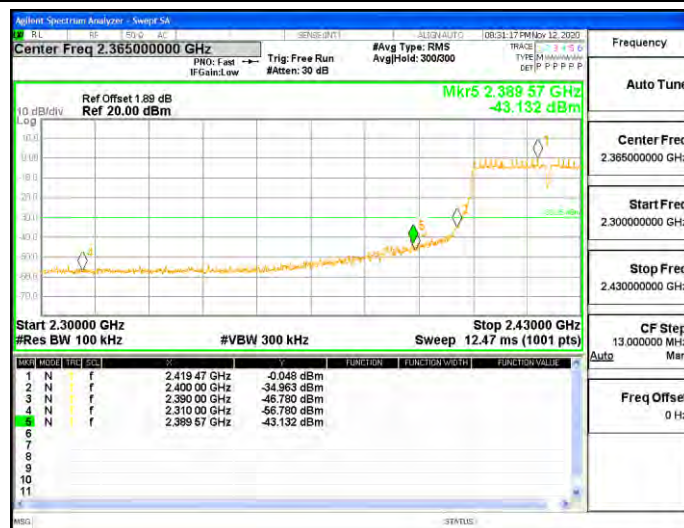
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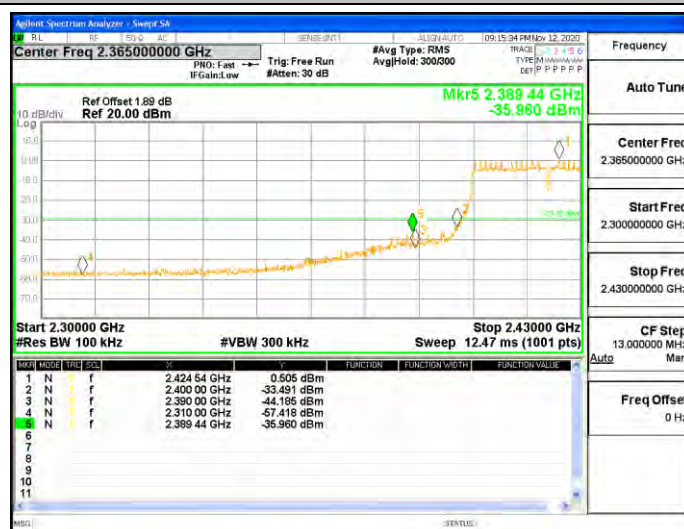
11N20SISO_Ant2_High_2462



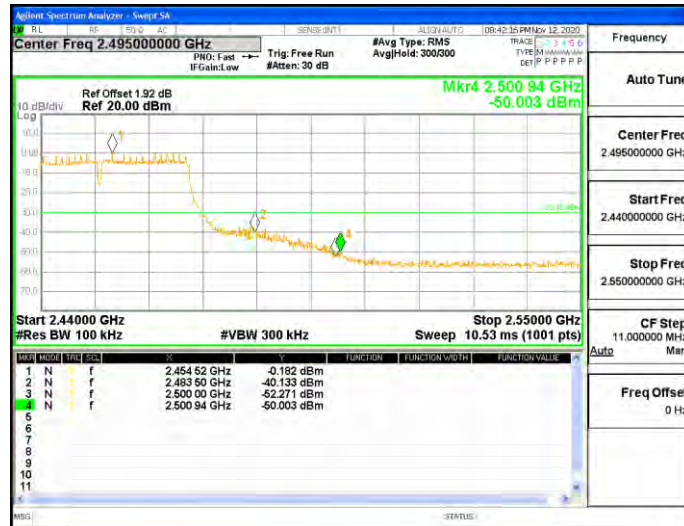
11N40SISO_Ant1_Low_2422



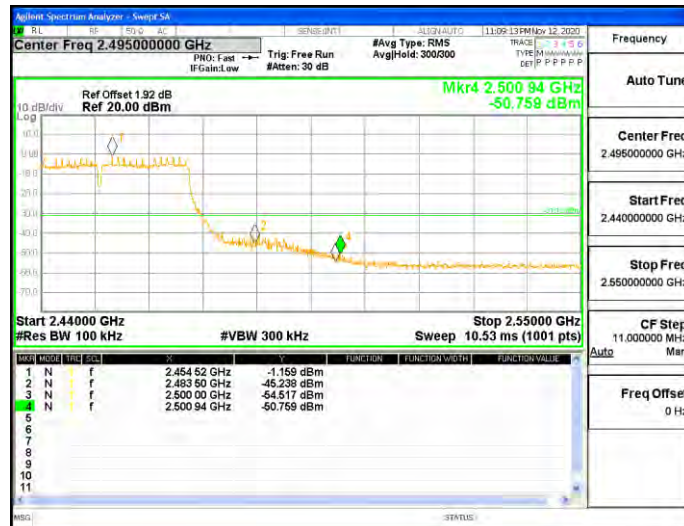
11N40SISO_Ant2_Low_2422



11N40SISO_Ant1_High_2452



11N40SISO_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	6.94	6.94	---	PASS
			30~1000	30~1000	-65.605	<=-13.057	PASS
			1000~26500	1000~26500	-43.661	<=-13.057	PASS
	Ant2	2412	Reference	6.46	6.46	---	PASS
			30~1000	30~1000	-62.724	<=-13.541	PASS
			1000~26500	1000~26500	-51.62	<=-13.541	PASS
	Ant1	2437	Reference	6.48	6.48	---	PASS
			30~1000	30~1000	-66.83	<=-13.516	PASS
			1000~26500	1000~26500	-44.967	<=-13.516	PASS
	Ant2	2437	Reference	6.61	6.61	---	PASS
			30~1000	30~1000	-66.504	<=-13.391	PASS
			1000~26500	1000~26500	-52.279	<=-13.391	PASS
	Ant1	2462	Reference	6.49	6.49	---	PASS
			30~1000	30~1000	-67.156	<=-13.511	PASS
			1000~26500	1000~26500	-44.775	<=-13.511	PASS
	Ant2	2462	Reference	6.31	6.31	---	PASS
			30~1000	30~1000	-67.096	<=-13.688	PASS
			1000~26500	1000~26500	-51.665	<=-13.688	PASS
11G	Ant1	2412	Reference	6.32	6.32	---	PASS
			30~1000	30~1000	-66.685	<=-13.679	PASS
			1000~26500	1000~26500	-43.763	<=-13.679	PASS
	Ant2	2412	Reference	5.74	5.74	---	PASS
			30~1000	30~1000	-66.284	<=-14.261	PASS
			1000~26500	1000~26500	-49.451	<=-14.261	PASS
	Ant1	2437	Reference	5.43	5.43	---	PASS
			30~1000	30~1000	-66.514	<=-14.568	PASS
			1000~26500	1000~26500	-45.313	<=-14.568	PASS
	Ant2	2437	Reference	5.83	5.83	---	PASS
			30~1000	30~1000	-66.816	<=-14.174	PASS
			1000~26500	1000~26500	-52.148	<=-14.174	PASS
	Ant1	2462	Reference	6.06	6.06	---	PASS
			30~1000	30~1000	-66.9	<=-13.939	PASS
			1000~26500	1000~26500	-44.849	<=-13.939	PASS
	Ant2	2462	Reference	5.29	5.29	---	PASS
			30~1000	30~1000	-66.662	<=-14.71	PASS
			1000~26500	1000~26500	-50.583	<=-14.71	PASS

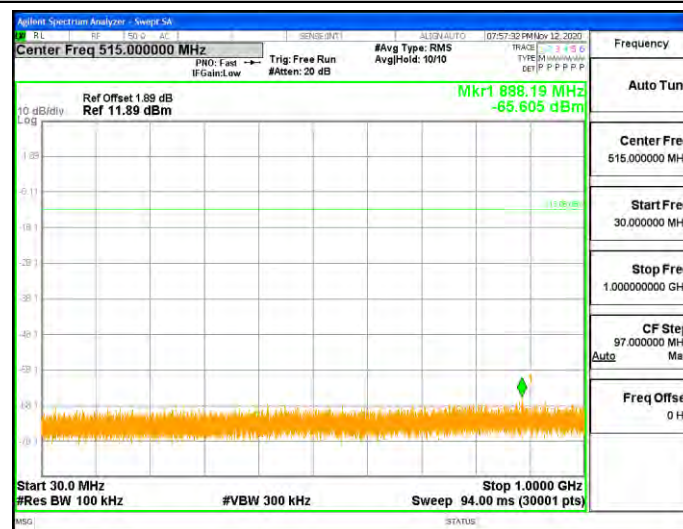
11N20SISO	Ant1	2412	Reference	2.70	2.70	---	PASS
			30~1000	30~1000	-66.917	<=-17.296	PASS
			1000~26500	1000~26500	-43.046	<=-17.296	PASS
	Ant2	2412	Reference	2.49	2.49	---	PASS
			30~1000	30~1000	-66.425	<=-17.506	PASS
			1000~26500	1000~26500	-50.385	<=-17.506	PASS
	Ant1	2437	Reference	2.23	2.23	---	PASS
			30~1000	30~1000	-66.112	<=-17.77	PASS
			1000~26500	1000~26500	-44.376	<=-17.77	PASS
	Ant2	2437	Reference	2.58	2.58	---	PASS
			30~1000	30~1000	-66.403	<=-17.419	PASS
			1000~26500	1000~26500	-50.97	<=-17.419	PASS
	Ant1	2462	Reference	2.42	2.42	---	PASS
			30~1000	30~1000	-65.22	<=-17.575	PASS
			1000~26500	1000~26500	-43.916	<=-17.575	PASS
11N40SISO	Ant1	2422	Reference	1.57	1.57	---	PASS
			30~1000	30~1000	-66.802	<=-18.431	PASS
			1000~26500	1000~26500	-51.071	<=-18.431	PASS
	Ant2	2422	Reference	-0.03	-0.03	---	PASS
			30~1000	30~1000	-66.496	<=-20.031	PASS
			1000~26500	1000~26500	-43.374	<=-20.031	PASS
	Ant2	2422	Reference	0.12	0.12	---	PASS
			30~1000	30~1000	-66.592	<=-19.877	PASS
			1000~26500	1000~26500	-49.647	<=-19.877	PASS
	Ant1	2437	Reference	-0.49	-0.49	---	PASS
			30~1000	30~1000	-66.133	<=-20.485	PASS
			1000~26500	1000~26500	-44.465	<=-20.485	PASS
	Ant2	2437	Reference	-0.80	-0.80	---	PASS
			30~1000	30~1000	-66.335	<=-20.803	PASS
			1000~26500	1000~26500	-50.244	<=-20.803	PASS
11N40SISO	Ant1	2452	Reference	-0.16	-0.16	---	PASS
			30~1000	30~1000	-66.165	<=-20.155	PASS
			1000~26500	1000~26500	-43.34	<=-20.155	PASS
	Ant2	2452	Reference	-1.47	-1.47	---	PASS
			30~1000	30~1000	-66.46	<=-21.465	PASS
			1000~26500	1000~26500	-49.26	<=-21.465	PASS

Test Graphs

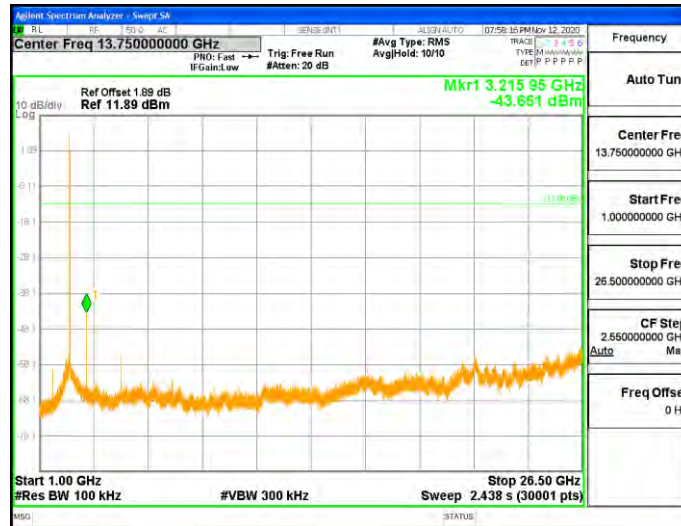
11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



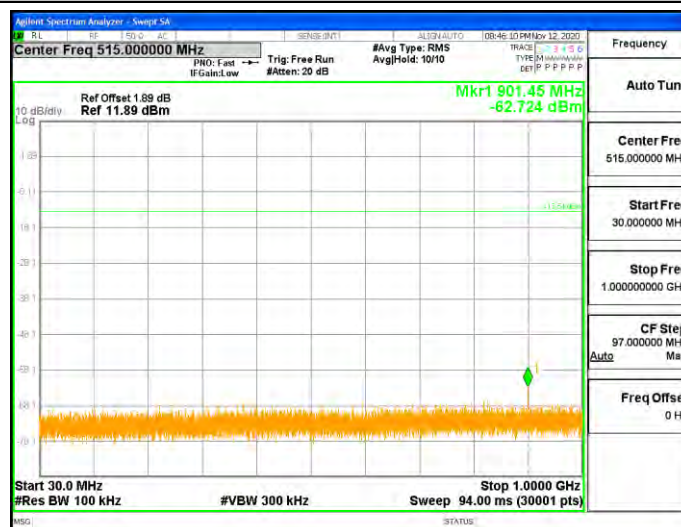
11B_Ant1_2412_1000~26500



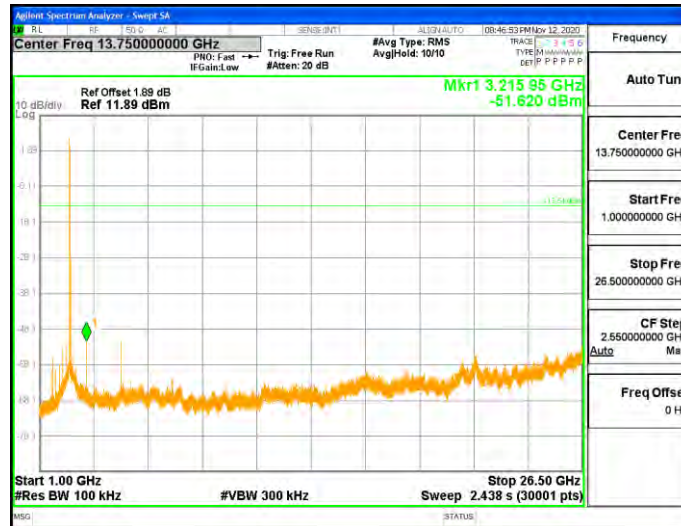
11B_Ant2_2412_0~Reference



11B_Ant2_2412_30~1000



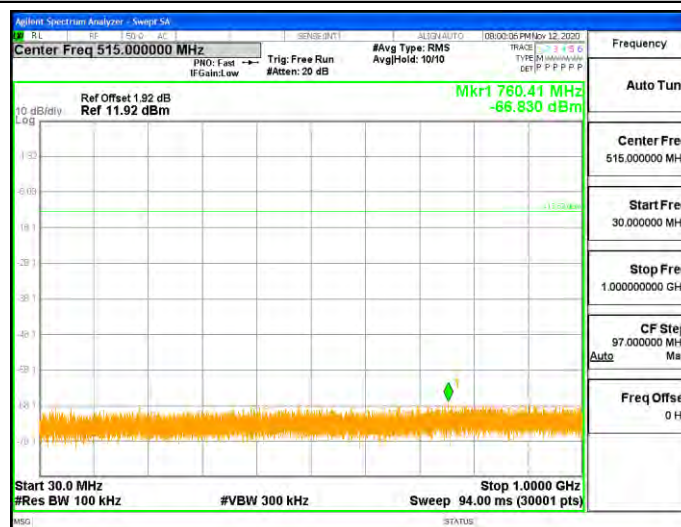
11B_Ant2_2412_1000~26500



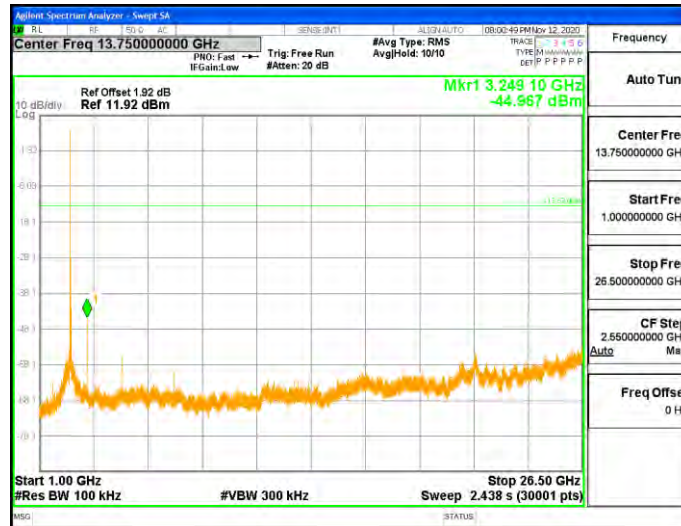
11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



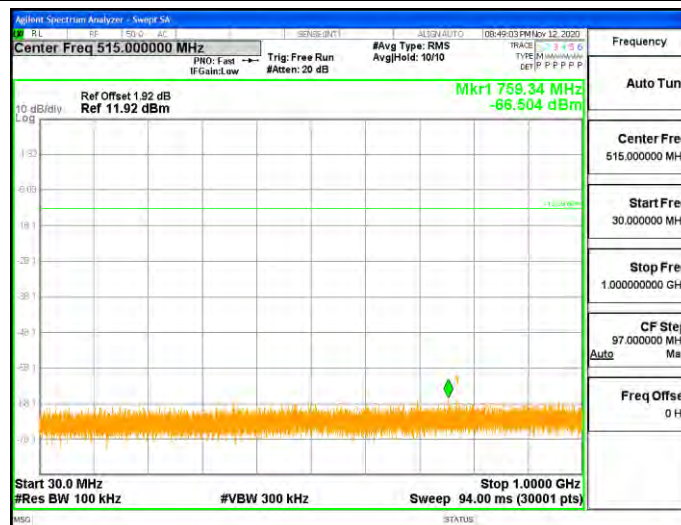
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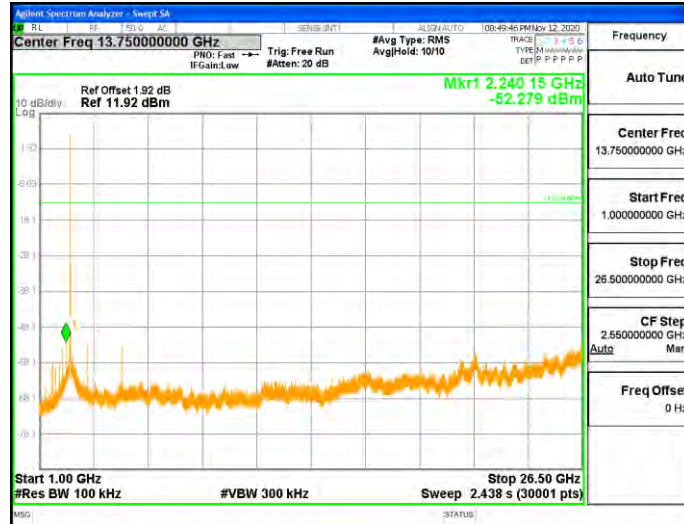
11B_Ant2_2437_0~Reference



11B_Ant2_2437_30~1000



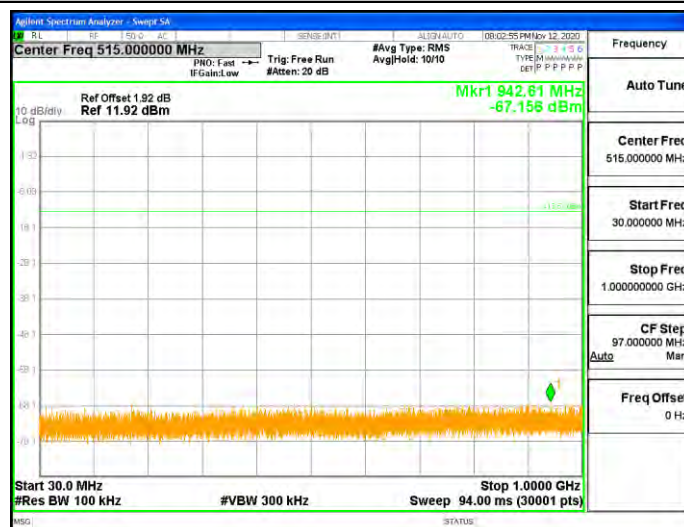
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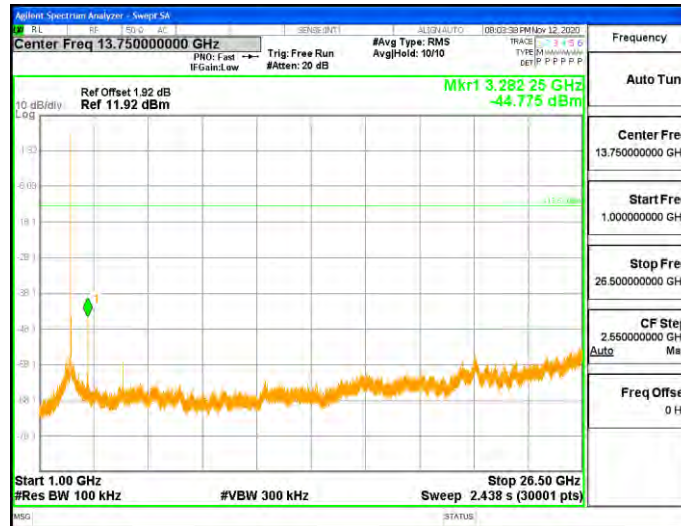
11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000



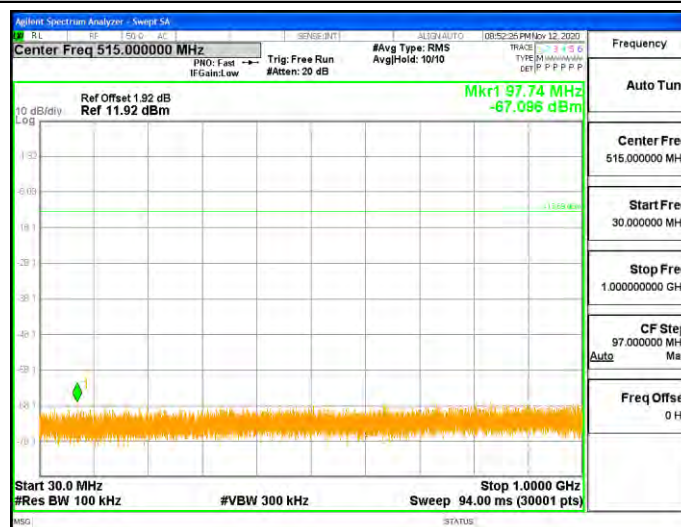
11B_Ant1_2462_1000~26500



11B_Ant2_2462_0~Reference



11B_Ant2_2462_30~1000



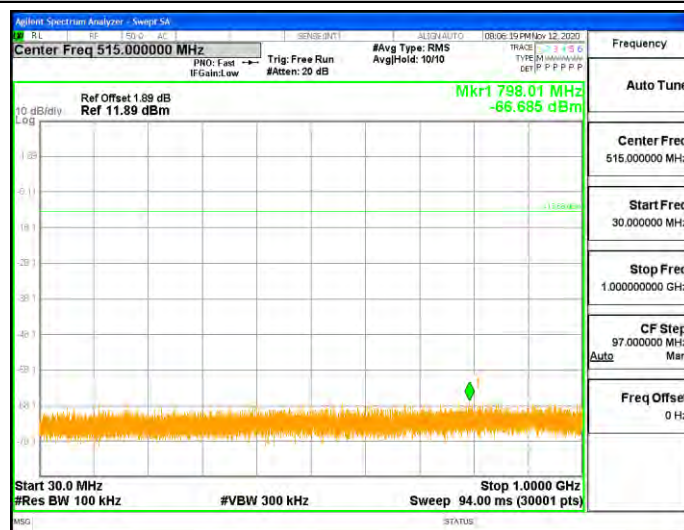
11B_Ant2_2462_1000~26500



11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000



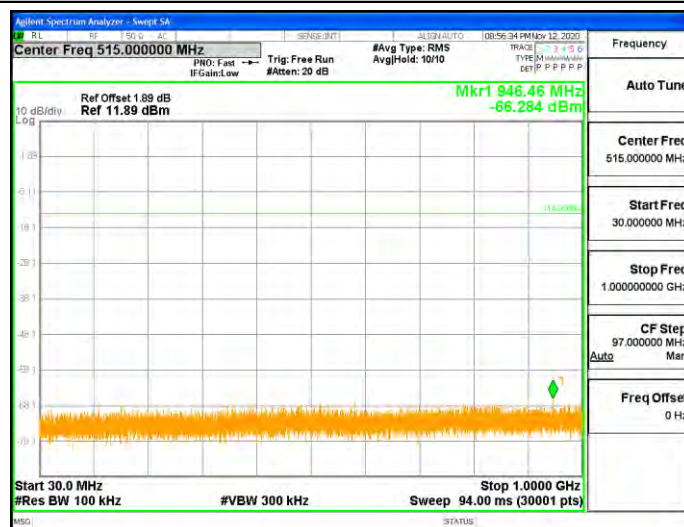
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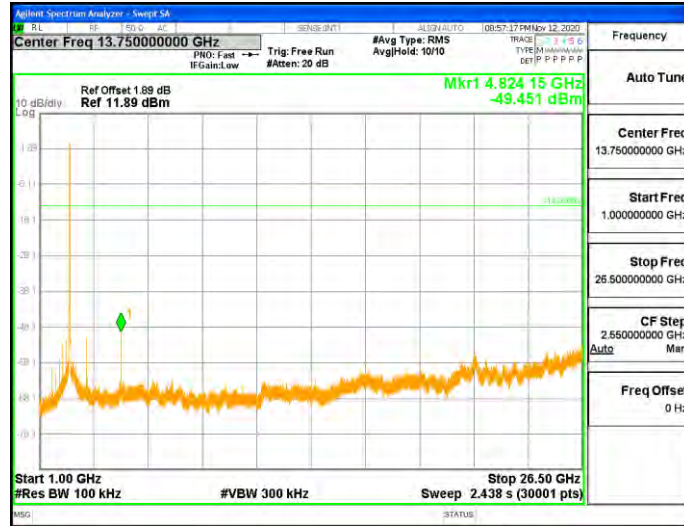
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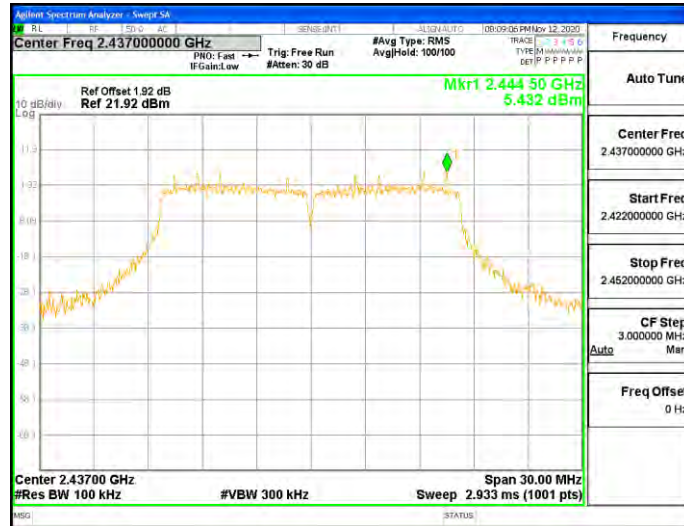
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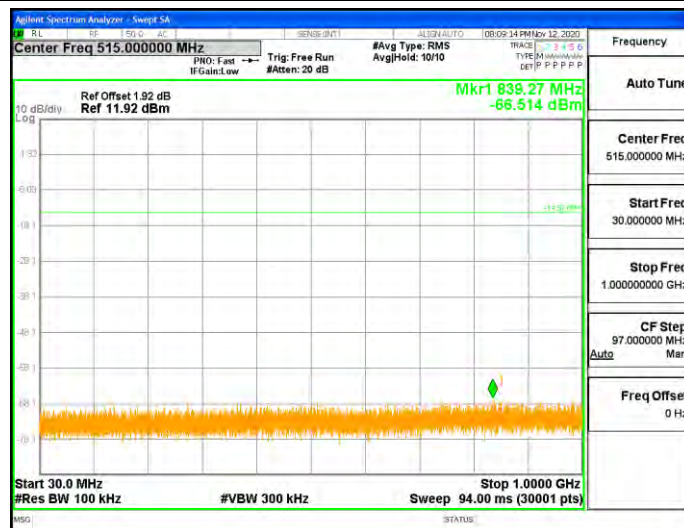
11G_Ant2_2412_1000~26500



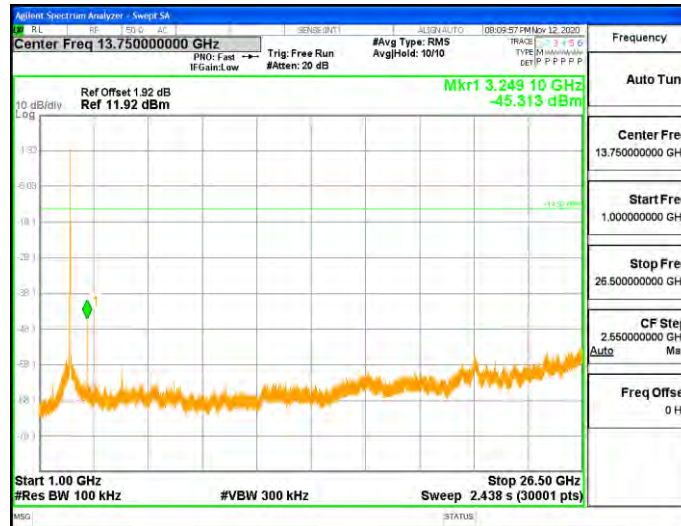
11G_Ant1_2437_0~Reference



11G_Ant1_2437_30~1000



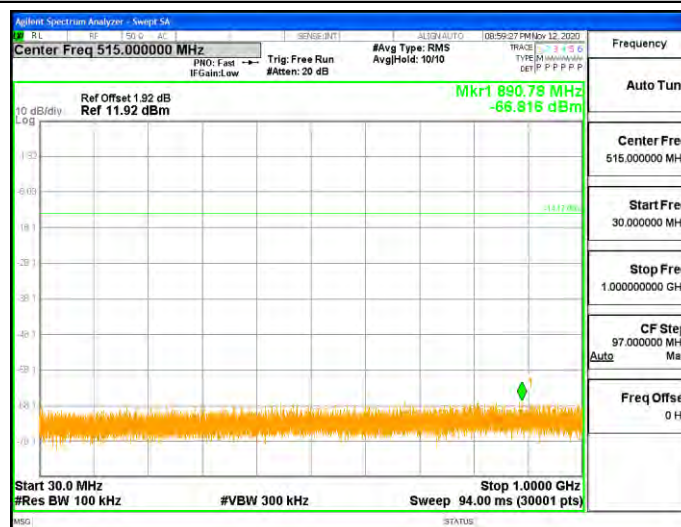
11G_Ant1_2437_1000~26500



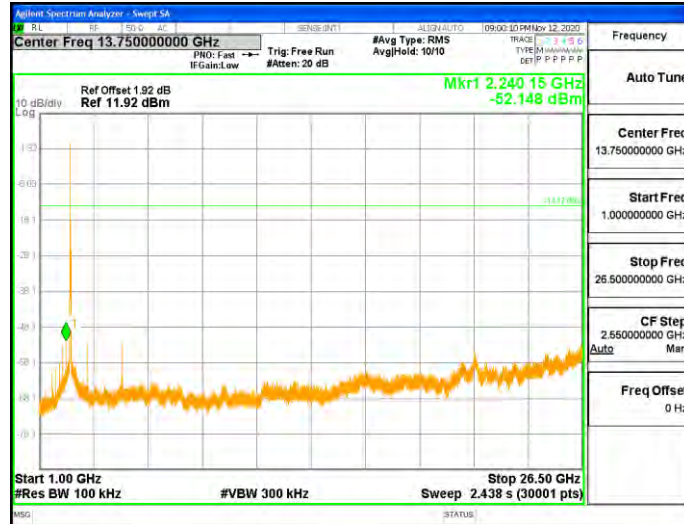
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11G_Ant2_2437_30~1000



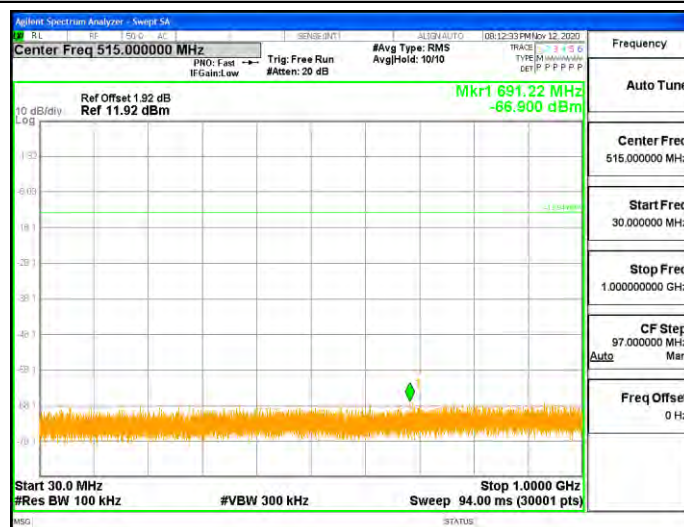
11G_Ant2_2437_1000~26500



11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000



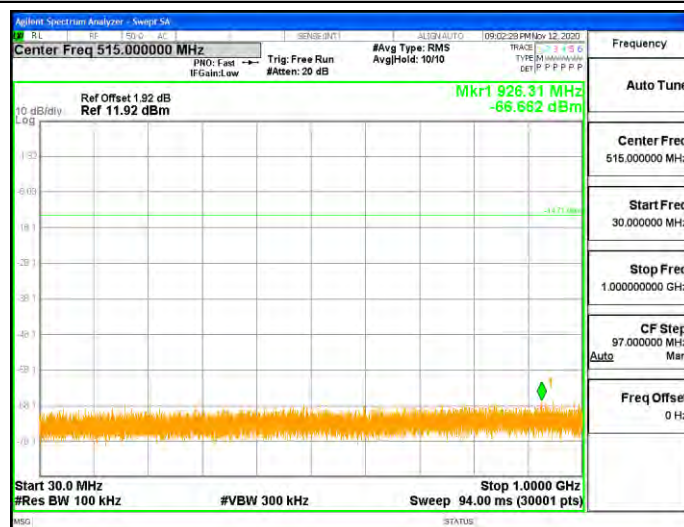
11G_Ant1_2462_1000~26500



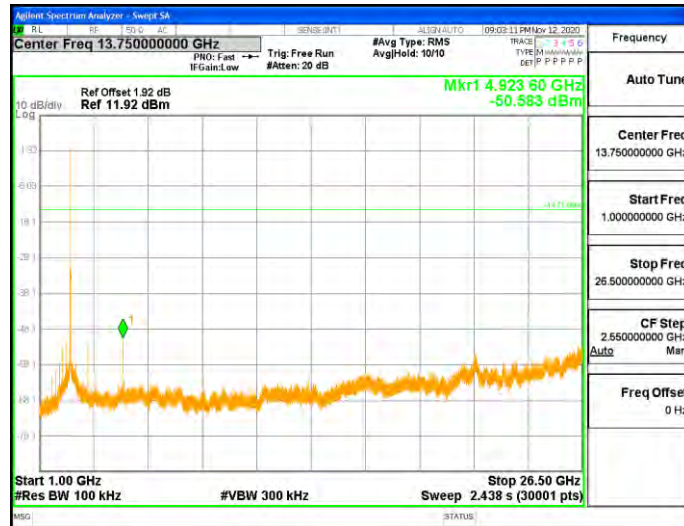
11G_Ant2_2462_0~Reference



11G_Ant2_2462_30~1000



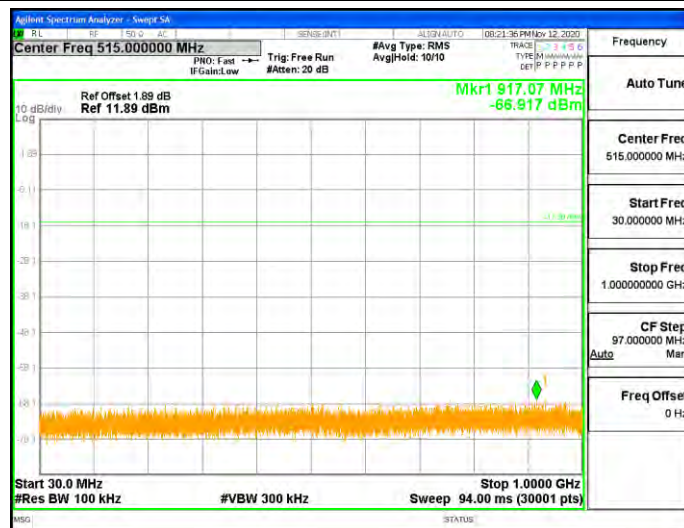
11G_Ant2_2462_1000~26500



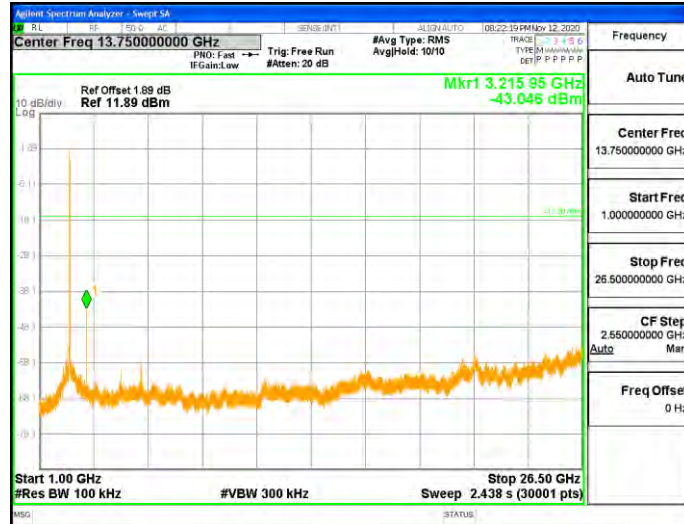
11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000



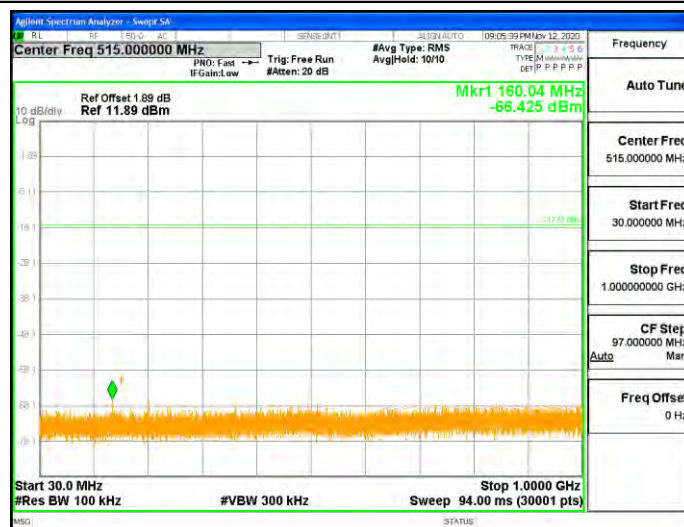
11N20SISO_Ant1_2412_1000~26500



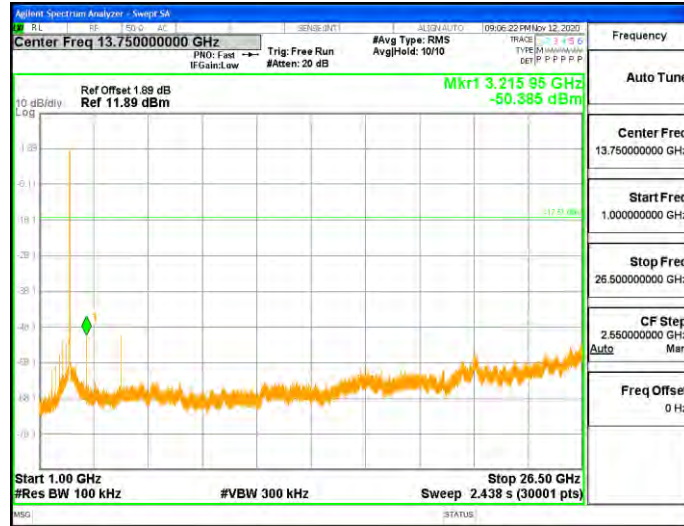
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11N20SISO_Ant2_2412_30~1000



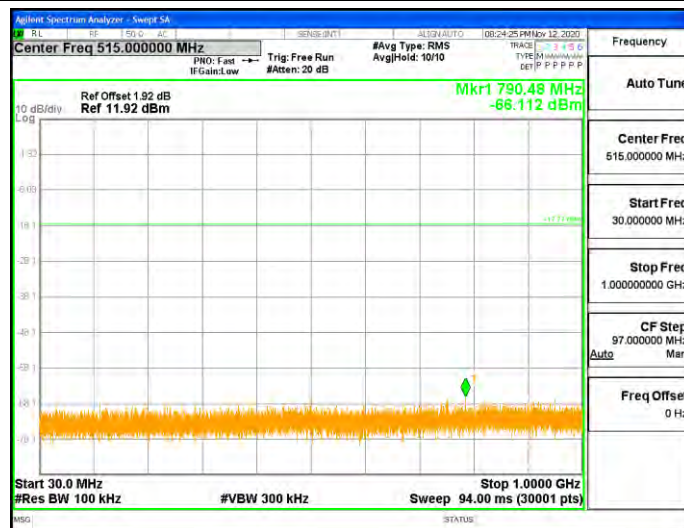
11N20SISO_Ant2_2412_1000~26500



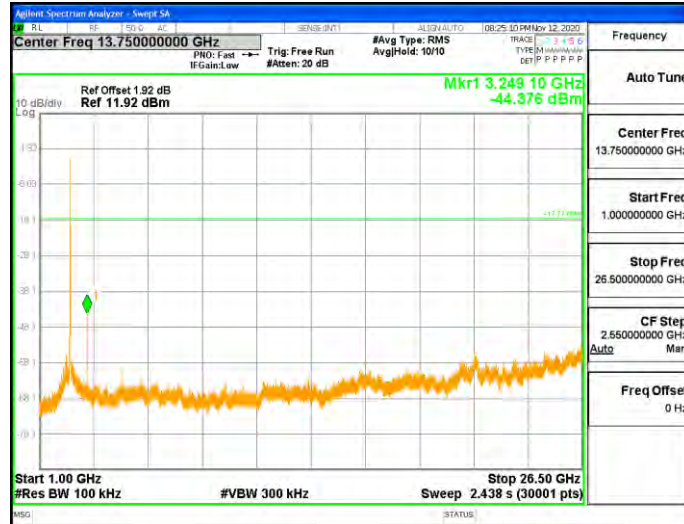
11N20SISO_Ant1_2437_0~Reference



11N20SISO_Ant1_2437_30~1000



11N20SISO_Ant1_2437_1000~26500



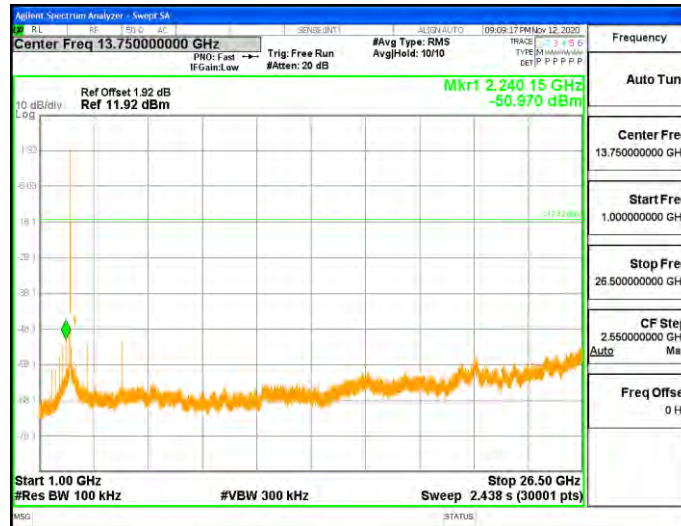
11N20SISO_Ant2_2437_0~Reference



11N20SISO_Ant2_2437_30~1000



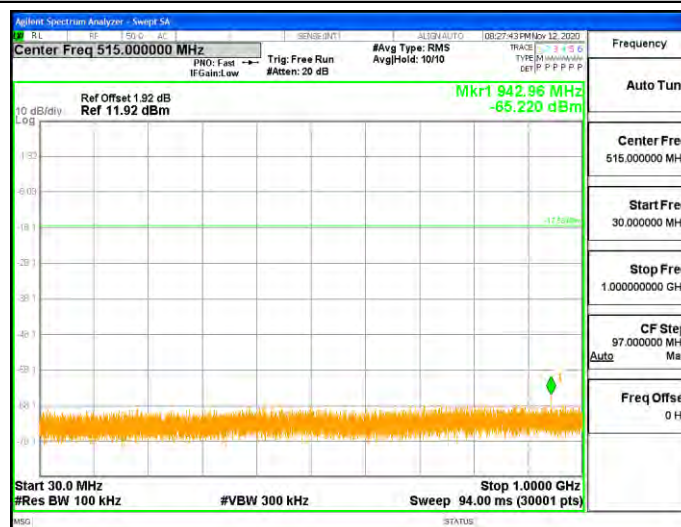
11N20SISO_Ant2_2437_1000~26500



11N20SISO_Ant1_2462_0~Reference



11N20SISO_Ant1_2462_30~1000



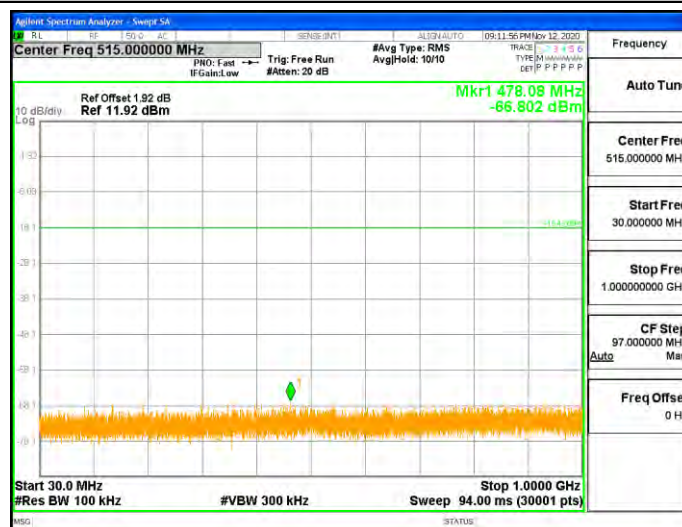
11N20SISO_Ant1_2462_1000~26500



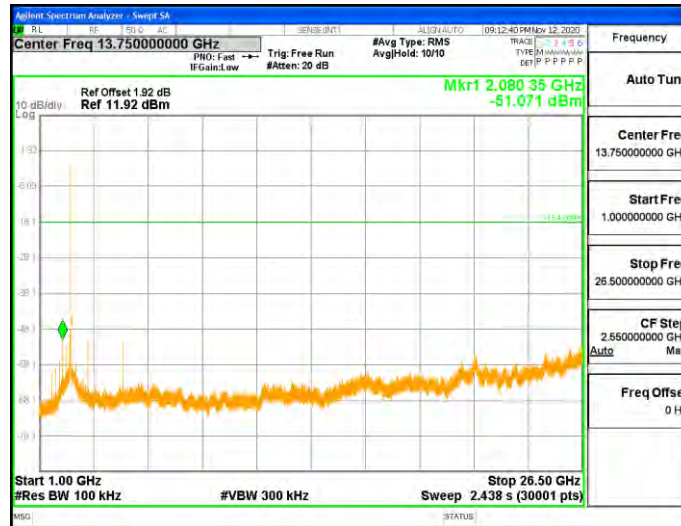
11N20SISO_Ant2_2462_0~Reference



11N20SISO_Ant2_2462_30~1000



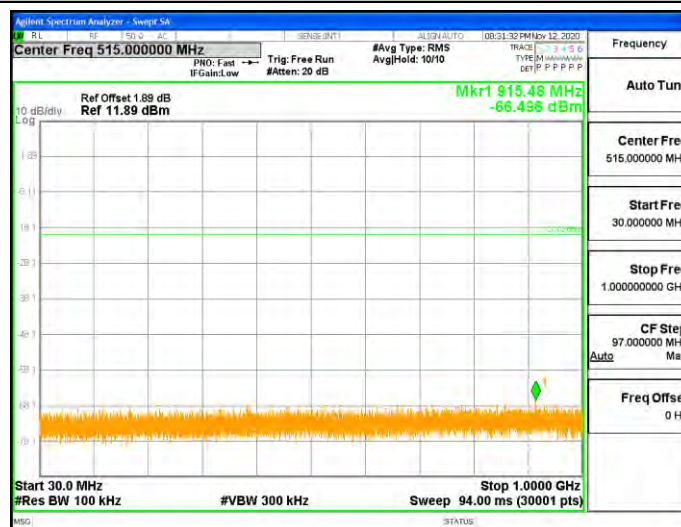
11N20SISO_Ant2_2462_1000~26500



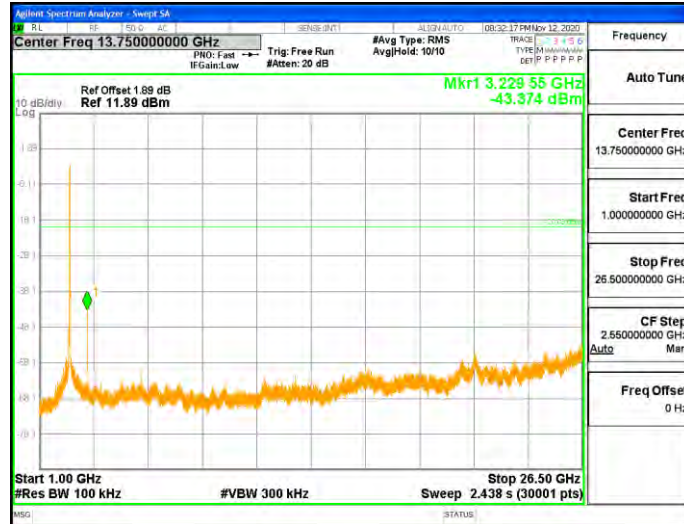
11N40SISO_Ant1_2422_0~Reference



11N40SISO_Ant1_2422_30~1000



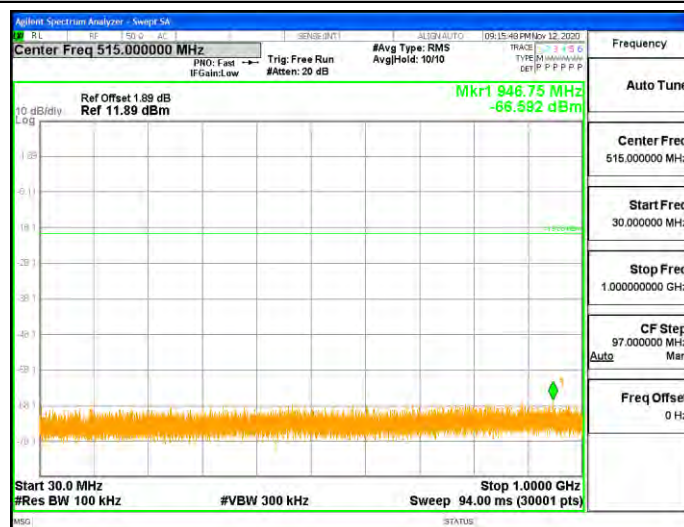
11N40SISO_Ant1_2422_1000~26500



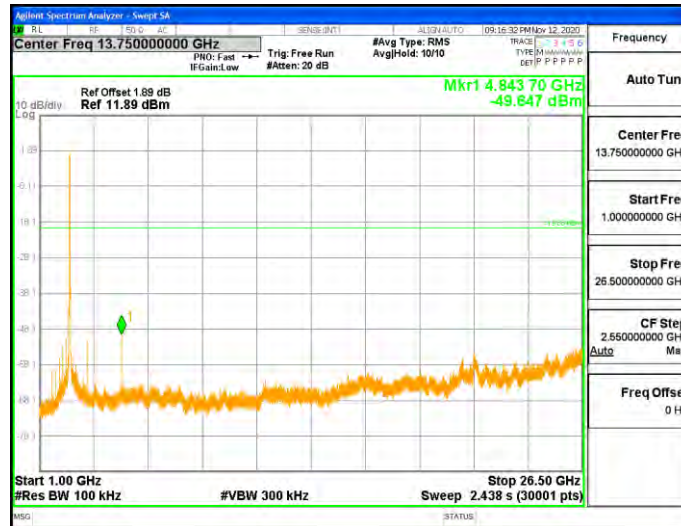
11N40SISO_Ant2_2422_0~Reference



11N40SISO_Ant2_2422_30~1000



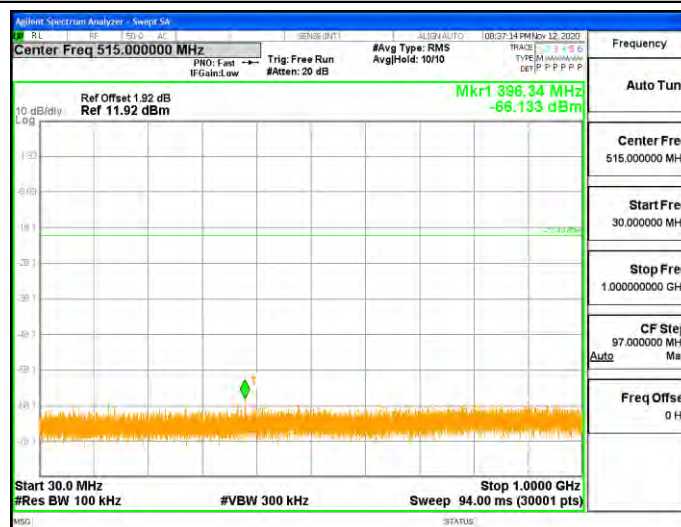
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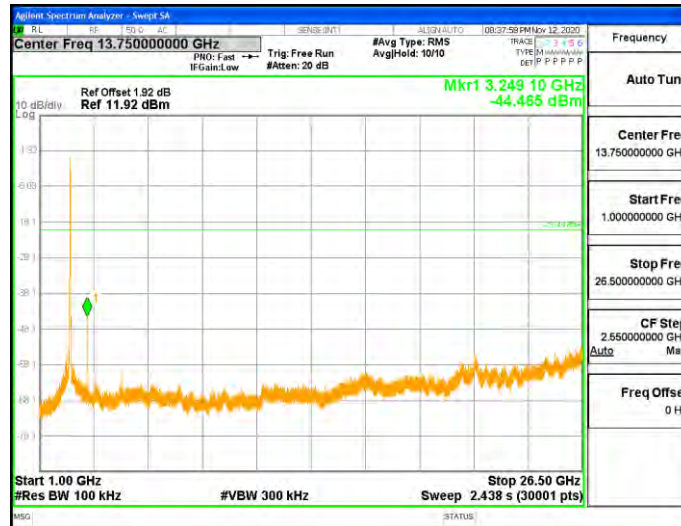
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11N40SISO_Ant1_2437_30~1000



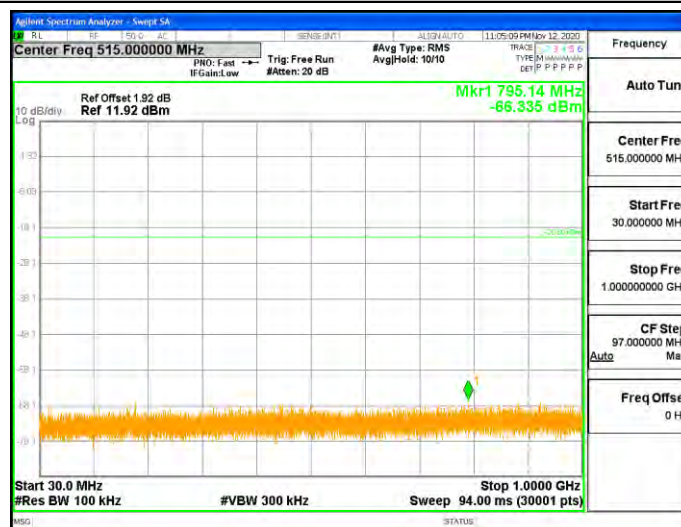
11N40SISO_Ant1_2437_1000~26500



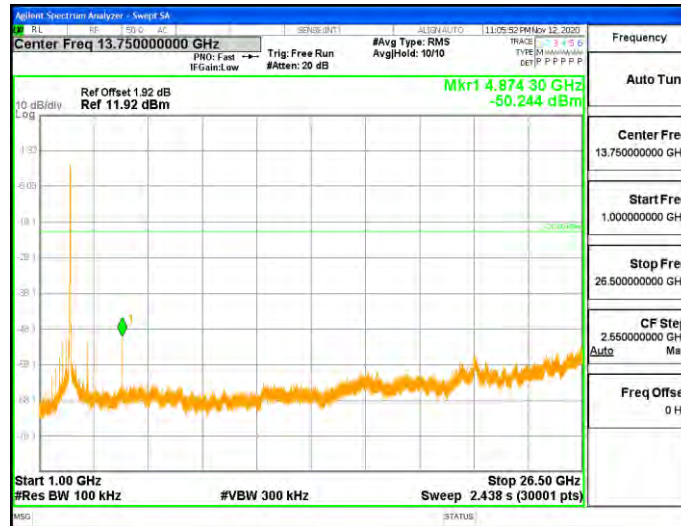
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11N40SISO_Ant2_2437_30~1000



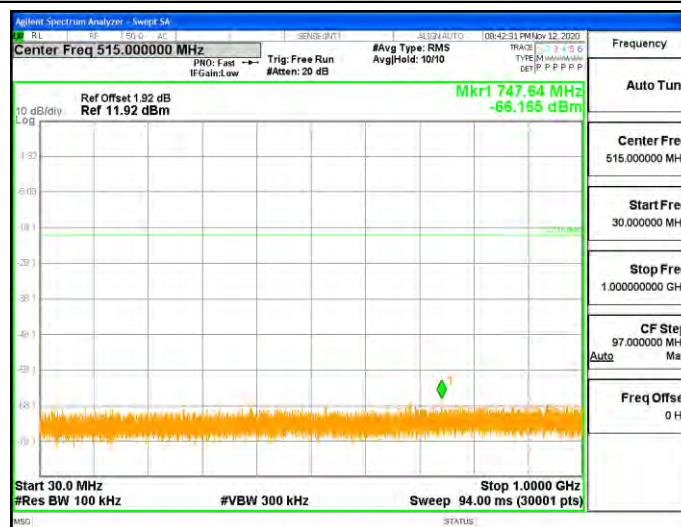
11N40SISO_Ant2_2437_1000~26500



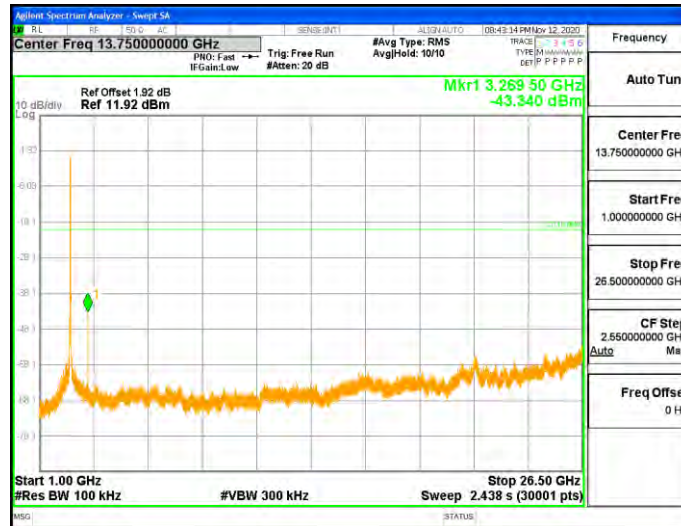
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11N40SISO_Ant1_2452_30~1000



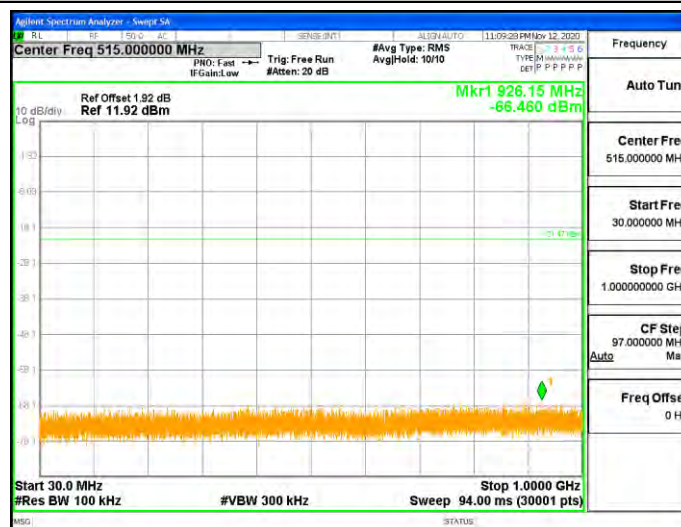
11N40SISO_Ant1_2452_1000~26500



11N40SISO_Ant2_2452_0~Reference



11N40SISO_Ant2_2452_30~1000



11N40SISO_Ant2_2452_1000~26500

