

APPENDIX 1

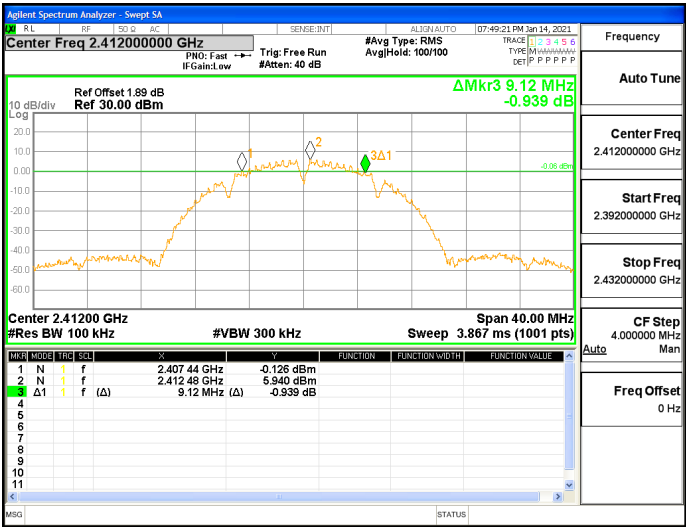
1.1 APPENDIX : DTS BANDWIDTH

Test Result

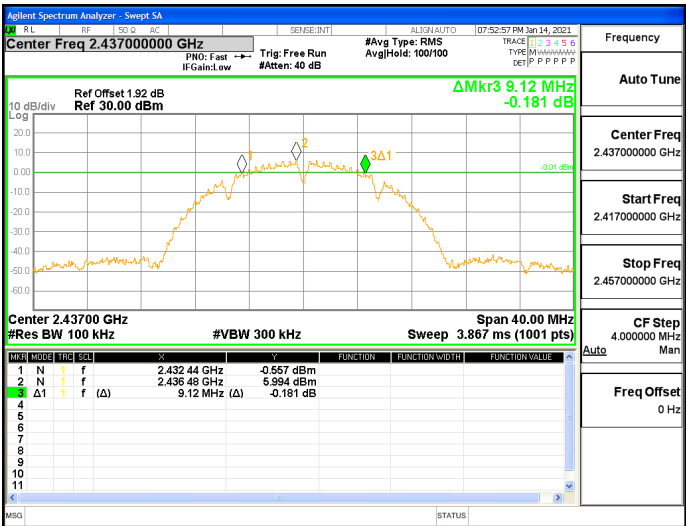
TestMode	Antenna	Channel	DTS 6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.120	2407.440	2416.560	>=0.5	PASS
		2437	9.120	2432.440	2441.560	>=0.5	PASS
		2462	9.120	2457.440	2466.560	>=0.5	PASS
11G	Ant1	2412	16.640	2403.680	2420.320	>=0.5	PASS
		2437	16.600	2428.680	2445.280	>=0.5	PASS
		2462	16.640	2453.680	2470.320	>=0.5	PASS
11N20SISO	Ant1	2412	17.800	2403.080	2420.880	>=0.5	PASS
		2437	17.840	2428.080	2445.920	>=0.5	PASS
		2462	17.840	2453.080	2470.920	>=0.5	PASS
11N40SISO	Ant1	2422	36.640	2403.680	2440.320	>=0.5	PASS
		2437	36.560	2418.680	2455.240	>=0.5	PASS
		2452	36.560	2433.680	2470.240	>=0.5	PASS

Test Graphs

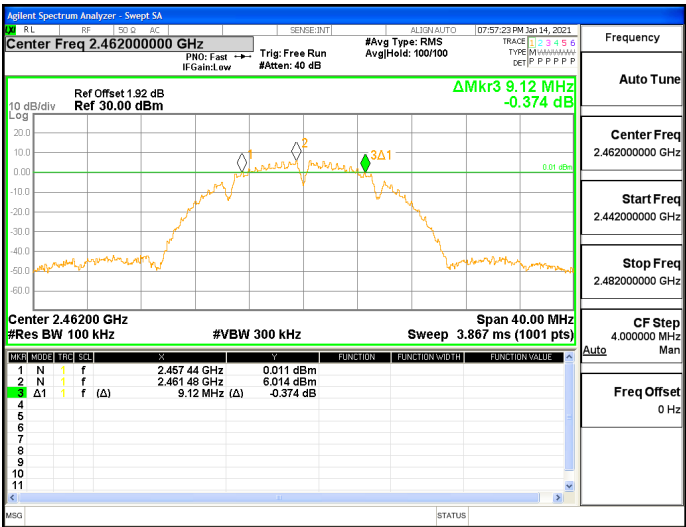
11B_Ant1_2412



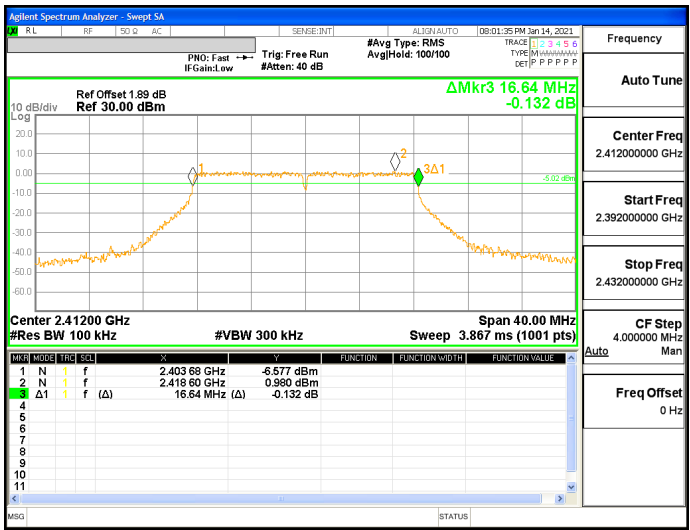
11B_Ant1_2437



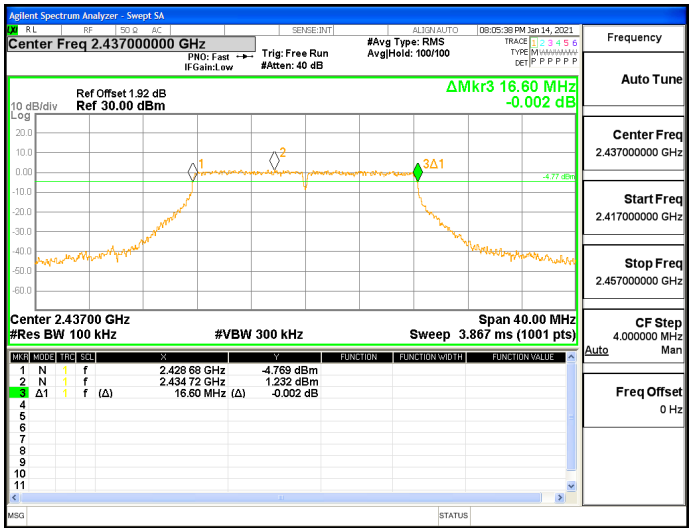
11B_Ant1_2462



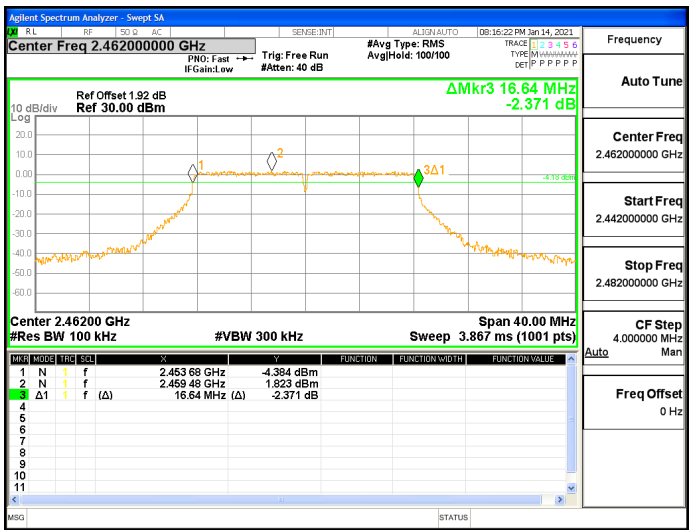
11G_Ant1_2412



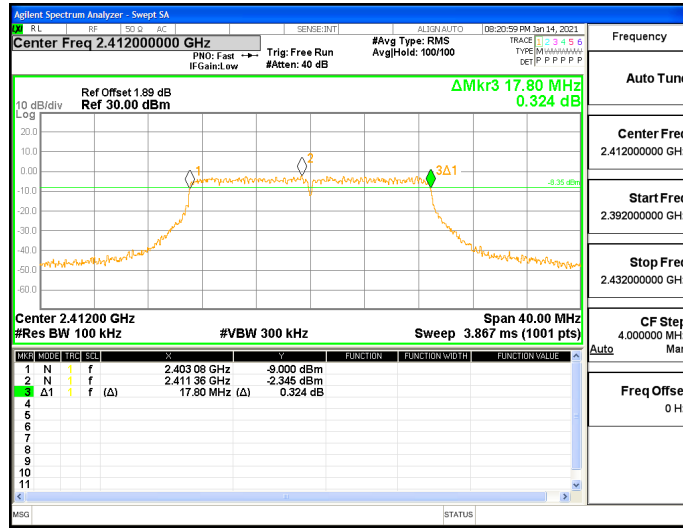
11G_Ant1_2437



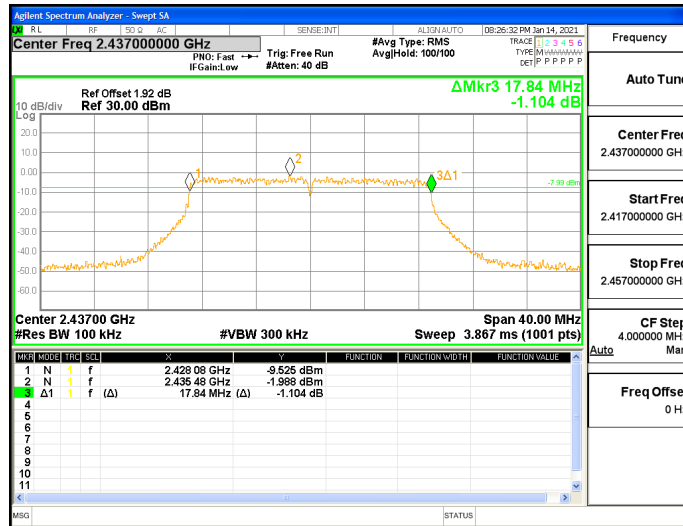
11G_Ant1_2462



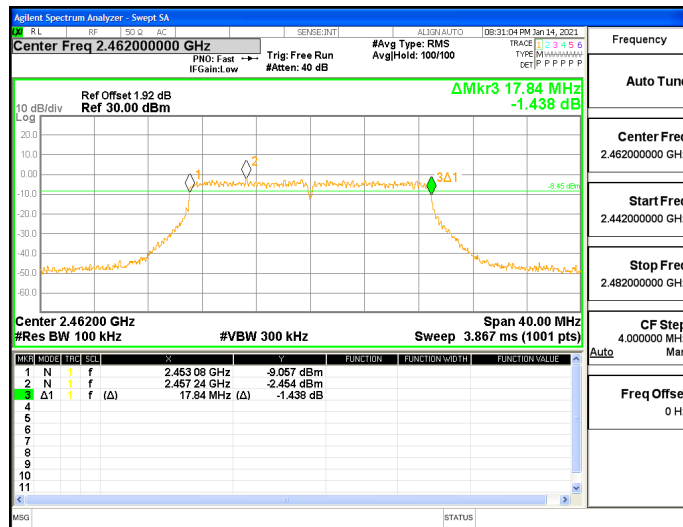
11N20SISO_Ant1_2412



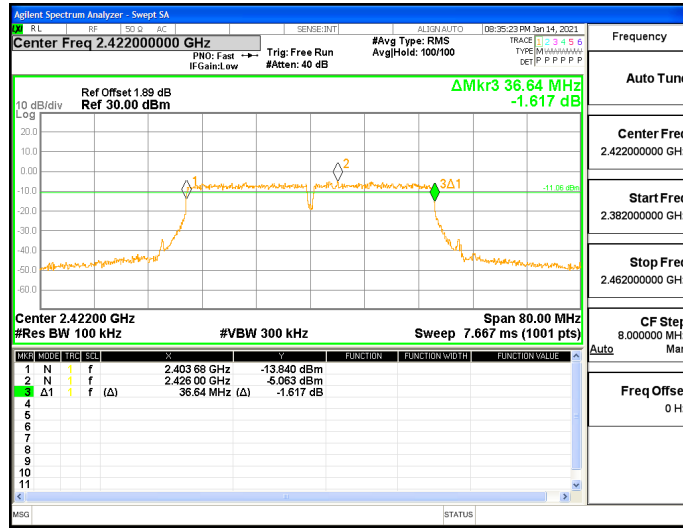
11N20SISO_Ant1_2437



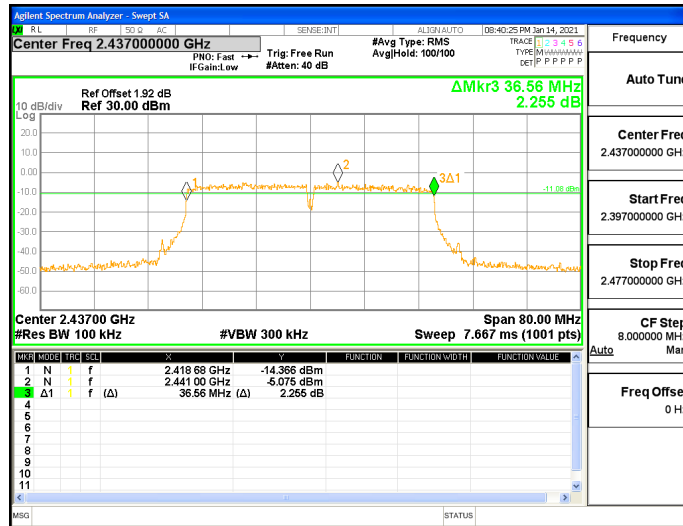
11N20SISO_Ant1_2462



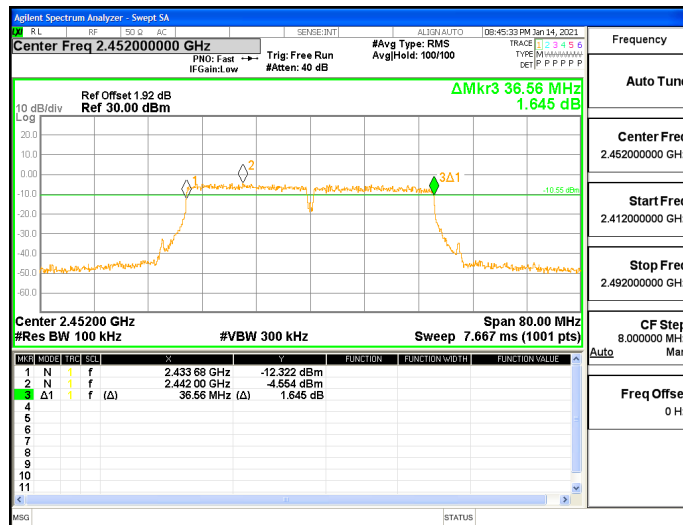
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



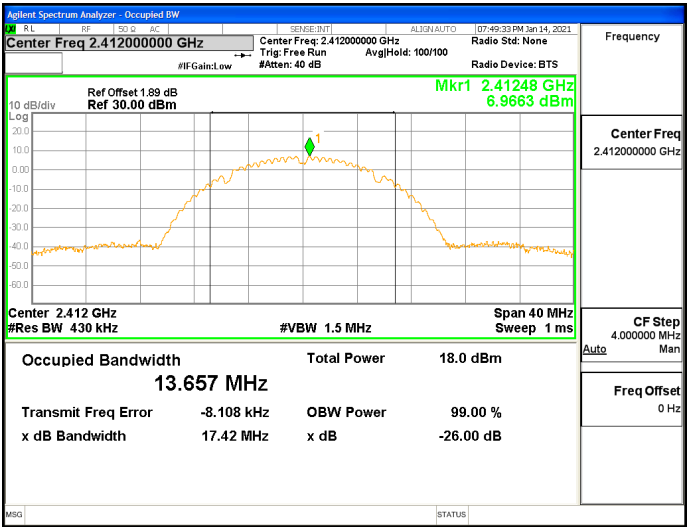
1.2 APPENDIX : OCCUPIED CHANNEL BANDWIDTH

Test Result

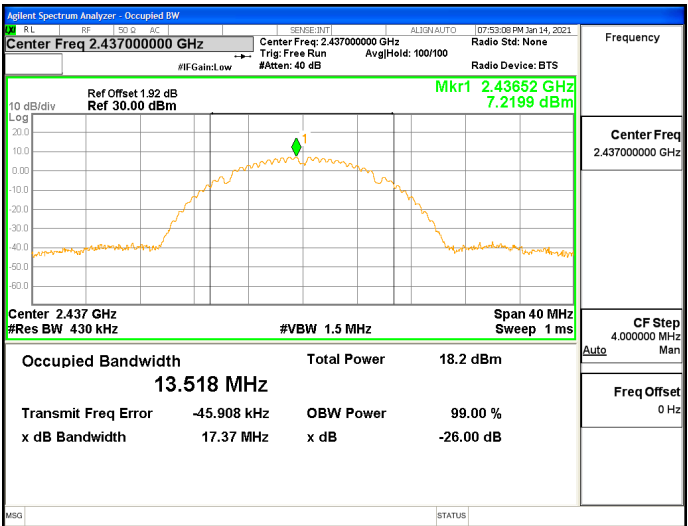
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.657	2405.163	2418.820	---	PASS
		2437	13.518	2430.195	2443.713	---	PASS
		2462	13.534	2455.205	2468.739	---	PASS
11G	Ant1	2412	16.999	2403.440	2420.439	---	PASS
		2437	16.964	2428.404	2445.368	---	PASS
		2462	16.970	2453.439	2470.409	---	PASS
11N20SISO	Ant1	2412	17.877	2403.051	2420.928	---	PASS
		2437	17.810	2428.067	2445.877	---	PASS
		2462	17.856	2453.069	2470.925	---	PASS
11N40SISO	Ant1	2422	36.391	2403.820	2440.211	---	PASS
		2437	36.309	2418.817	2455.126	---	PASS
		2452	36.467	2433.705	2470.172	---	PASS

Test Graphs

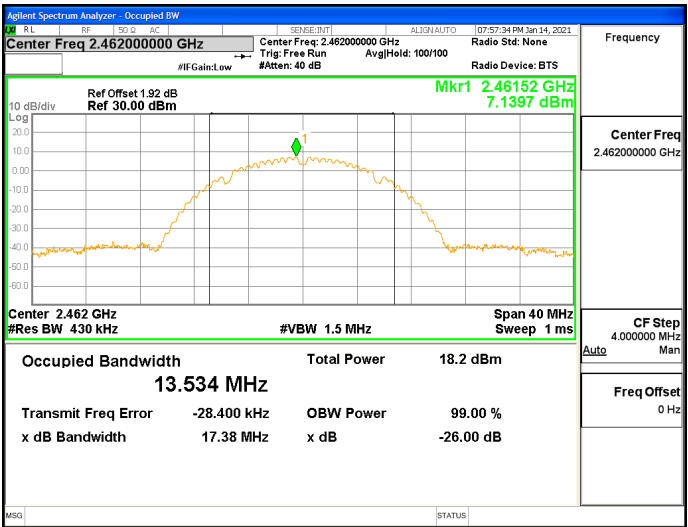
11B_Ant1_2412



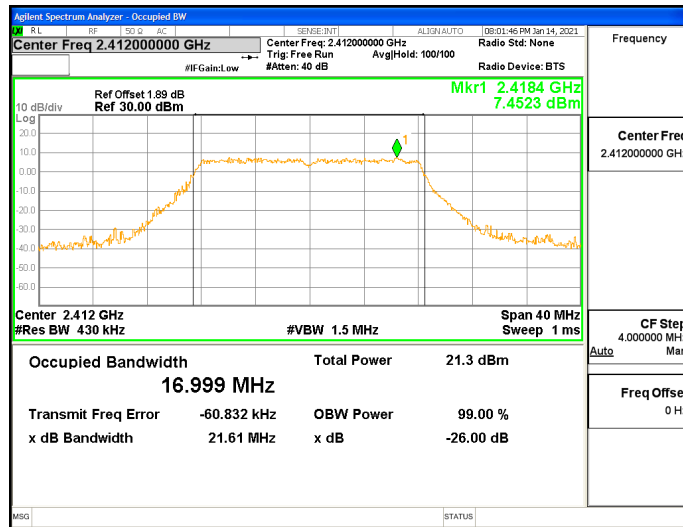
11B_Ant1_2437



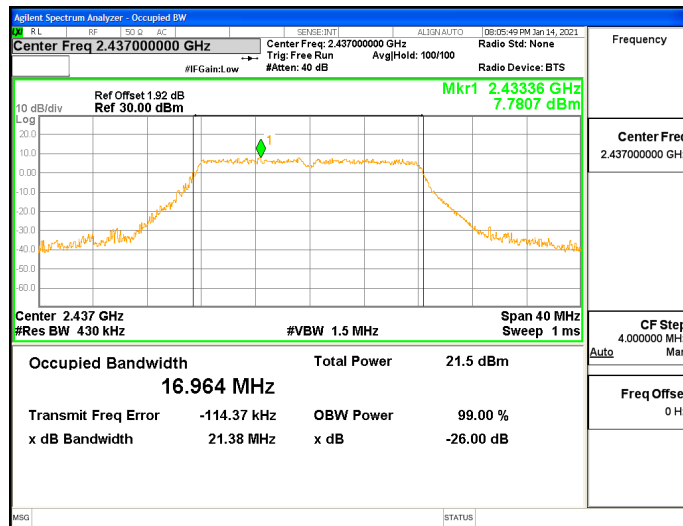
11B_Ant1_2462



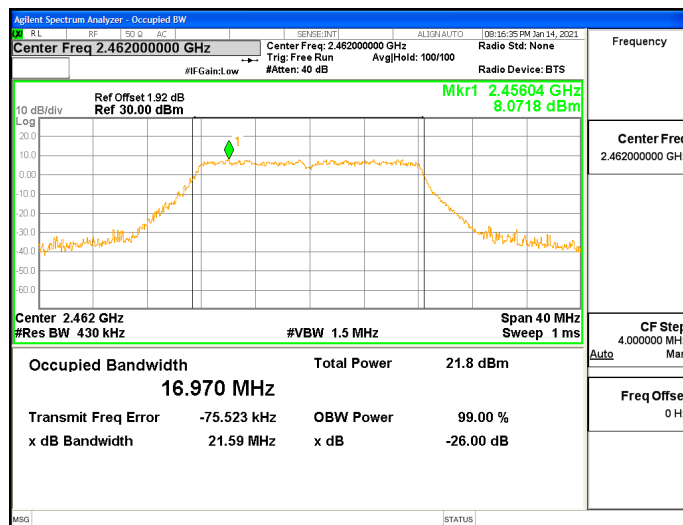
11G_Ant1_2412



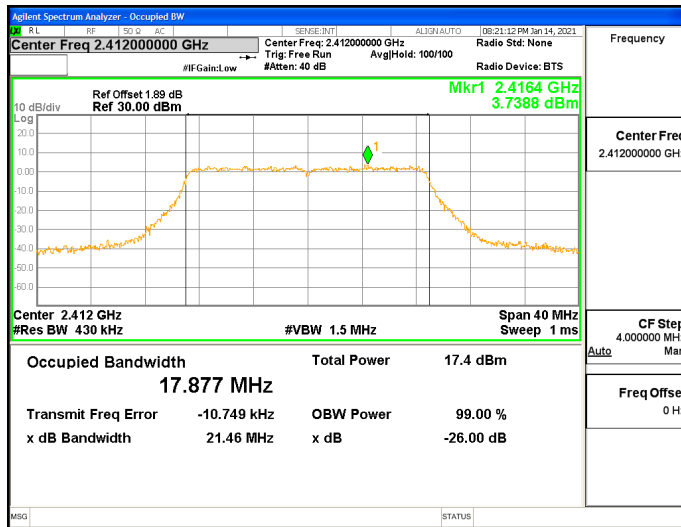
11G_Ant1_2437



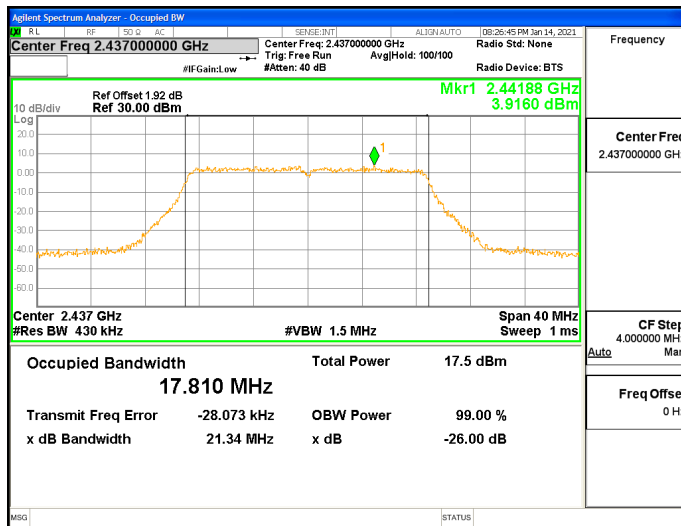
11G_Ant1_2462



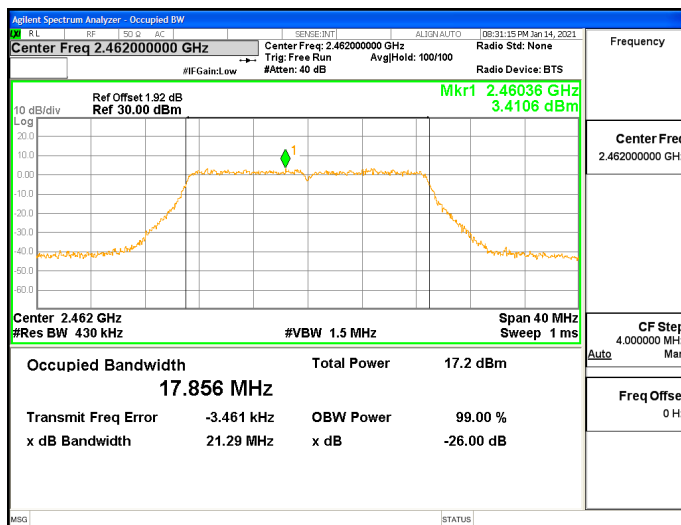
11N20SISO_Ant1_2412



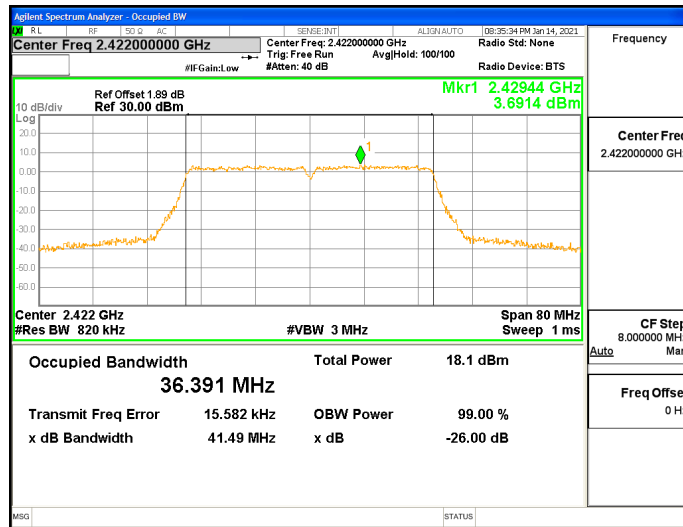
11N20SISO_Ant1_2437



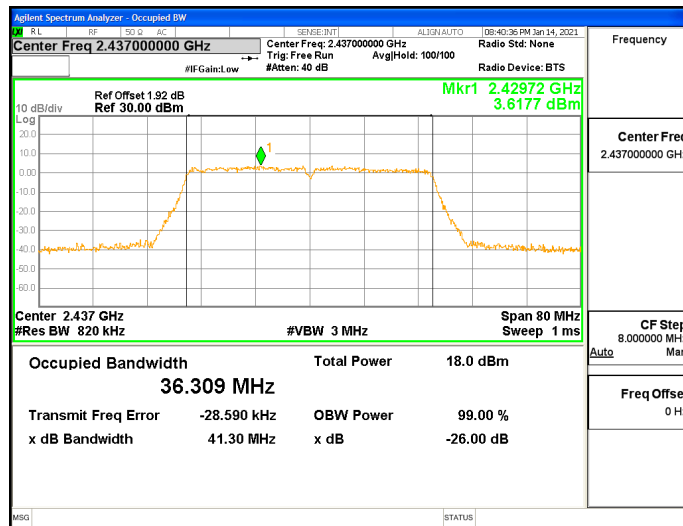
11N20SISO_Ant1_2462



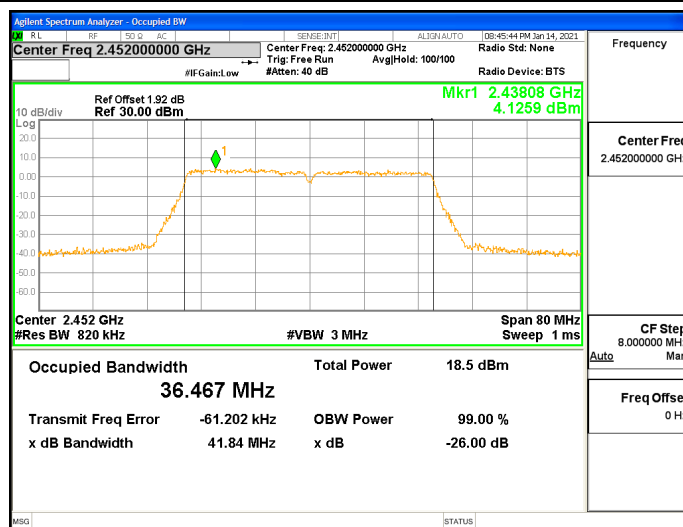
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



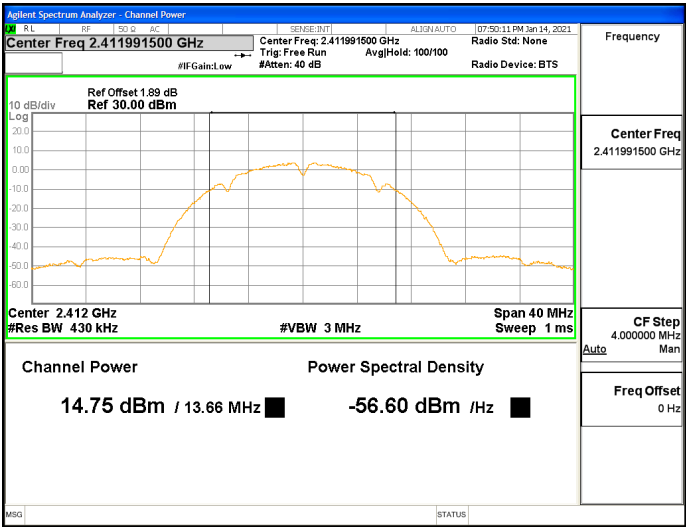
1.3 APPENDIX : MAXIMUM CONDUCTED OUTPUT POWER

Test Result

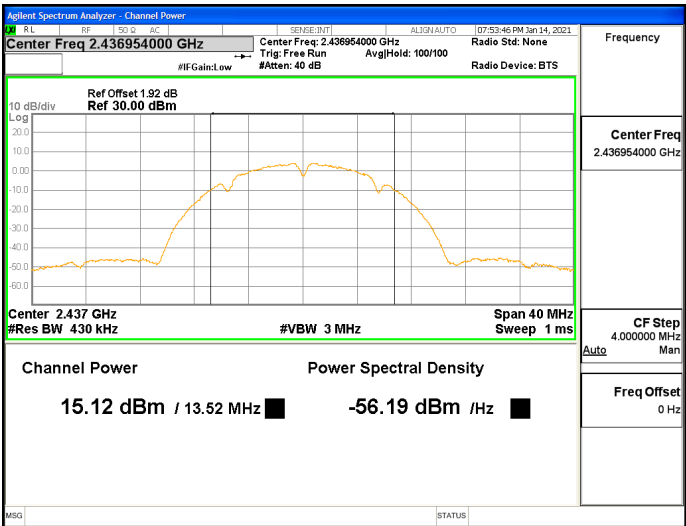
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	14.75	<=30	PASS
		2437	15.12	<=30	PASS
		2462	15.08	<=30	PASS
11G	Ant1	2412	14.96	<=30	PASS
		2437	15.43	<=30	PASS
		2462	15.51	<=30	PASS
11N20SISO	Ant1	2412	10.64	<=30	PASS
		2437	10.84	<=30	PASS
		2462	10.53	<=30	PASS
11N40SISO	Ant1	2422	10.75	<=30	PASS
		2437	10.66	<=30	PASS
		2452	11.17	<=30	PASS

Test Graphs

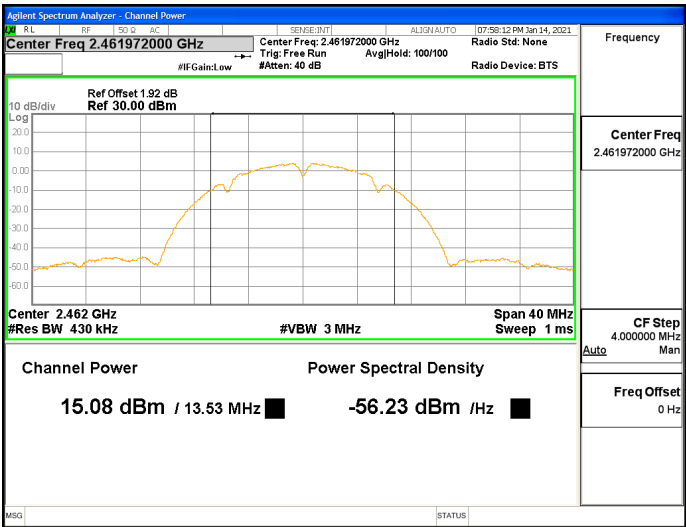
11B_Ant1_2412



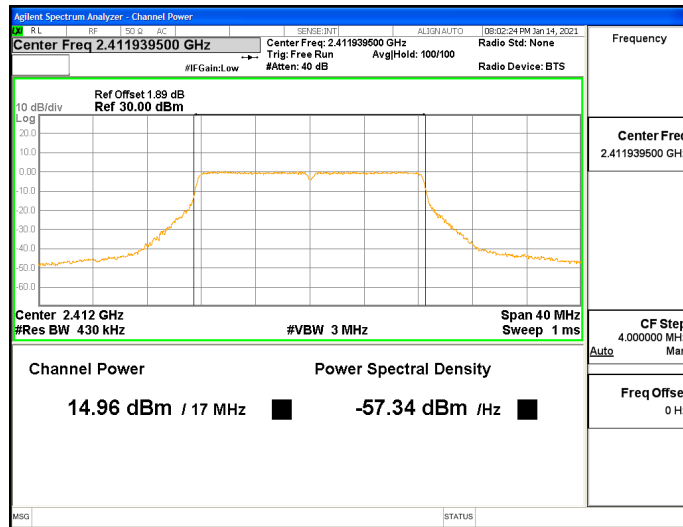
11B_Ant1_2437



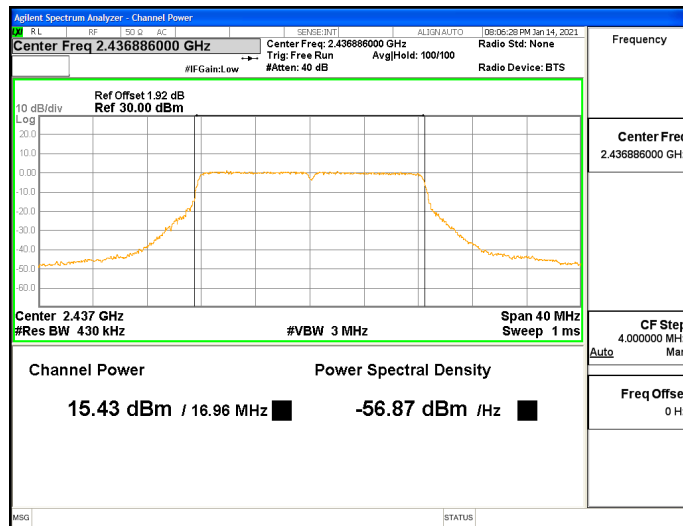
11B_Ant1_2462



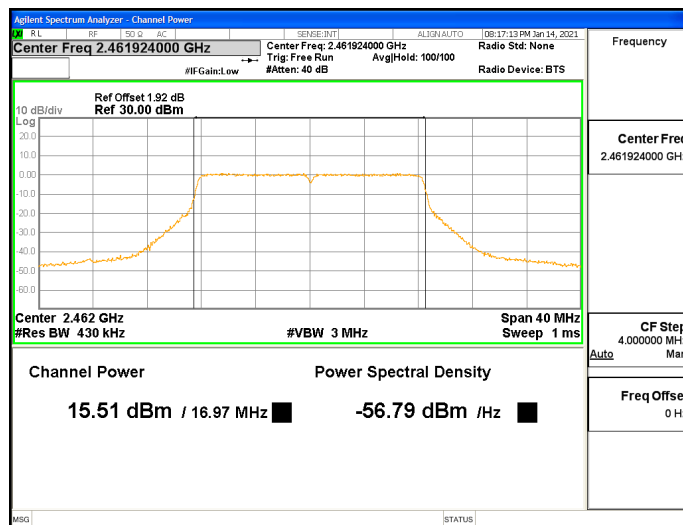
11G_Ant1_2412



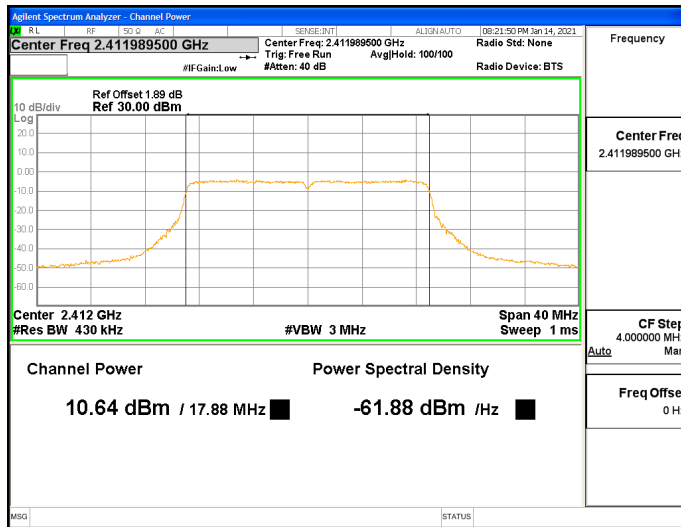
11G_Ant1_2437



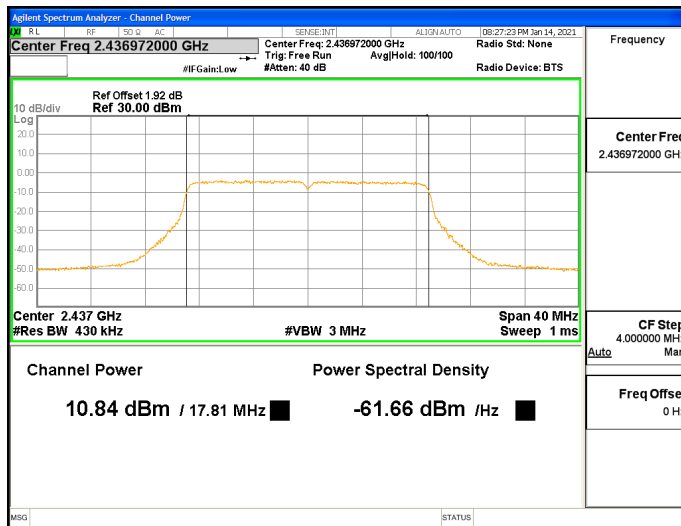
11G_Ant1_2462



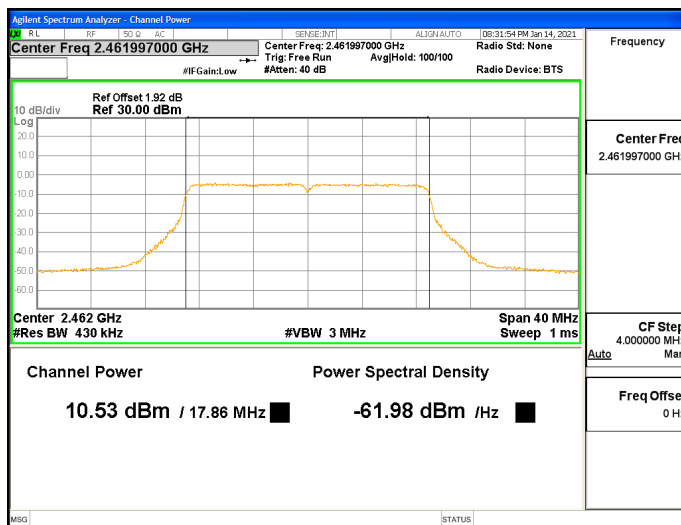
11N20SISO_Ant1_2412



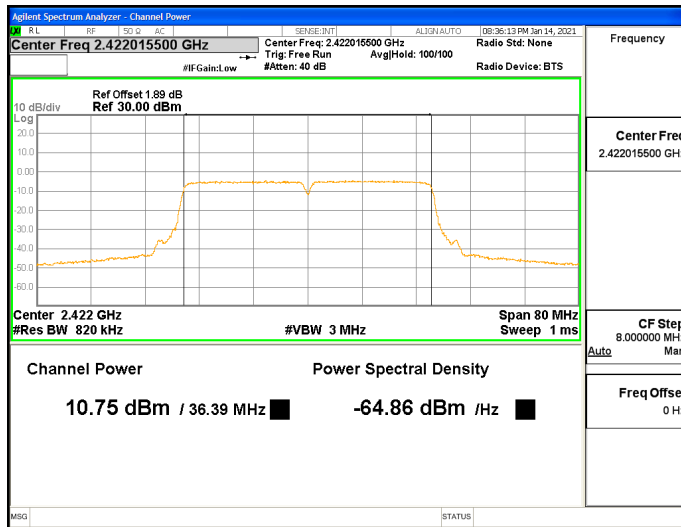
11N20SISO_Ant1_2437



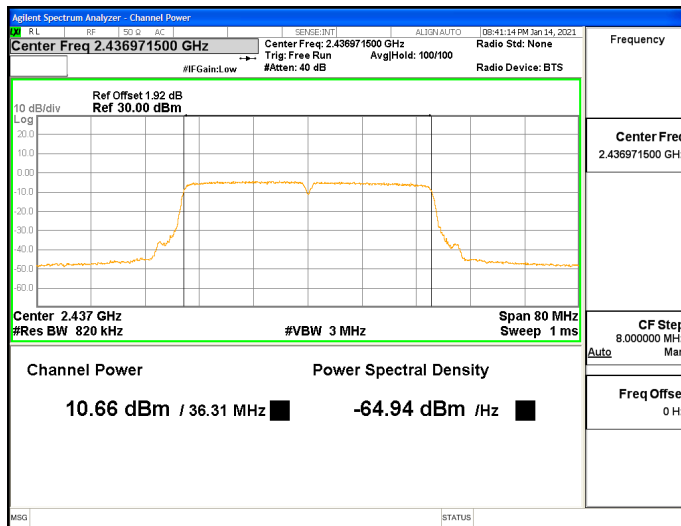
11N20SISO_Ant1_2462



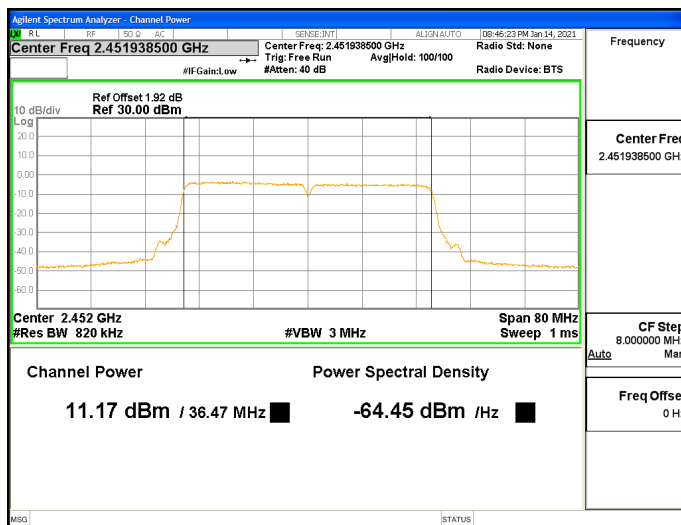
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



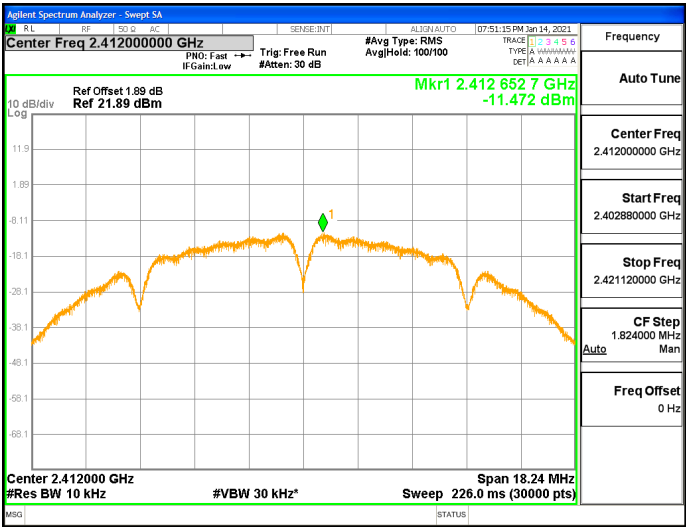
1.4 APPENDIX : MAXIMUM POWER SPECTRAL DENSITY

Test Result

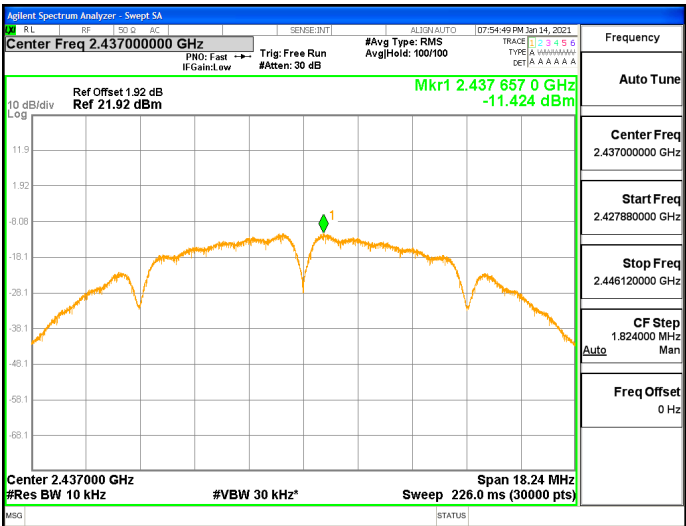
TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-11.47	<=8	PASS
		2437	-11.42	<=8	PASS
		2462	-11.10	<=8	PASS
11G	Ant1	2412	-14.14	<=8	PASS
		2437	-13.55	<=8	PASS
		2462	-13.50	<=8	PASS
11N20SISO	Ant1	2412	-17.18	<=8	PASS
		2437	-16.95	<=8	PASS
		2462	-17.32	<=8	PASS
11N40SISO	Ant1	2422	-18.99	<=8	PASS
		2437	-18.60	<=8	PASS
		2452	-17.84	<=8	PASS

Test Graphs

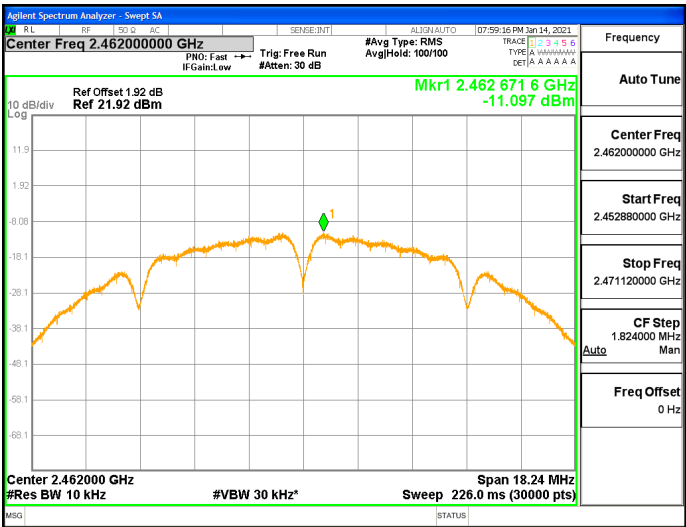
11B_Ant1_2412



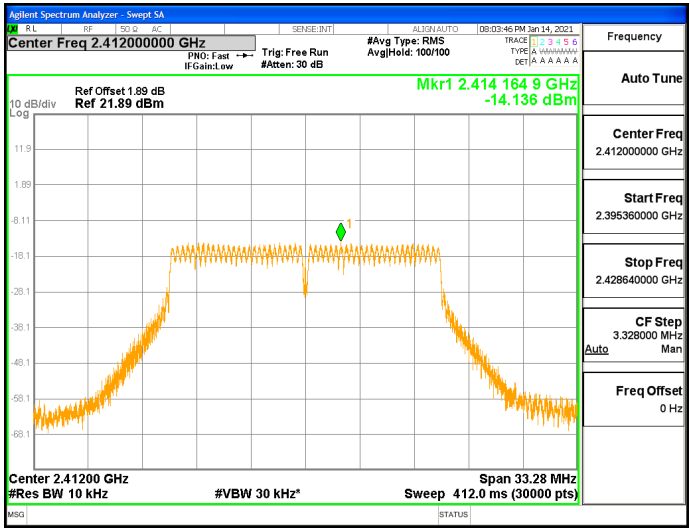
11B_Ant1_2437



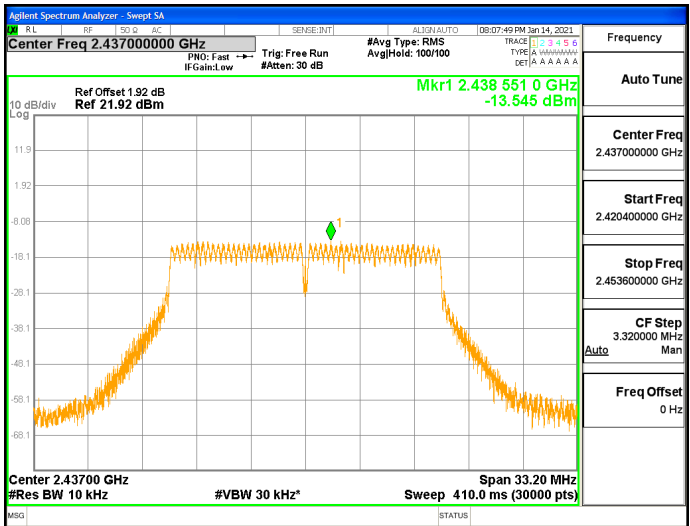
11B_Ant1_2462



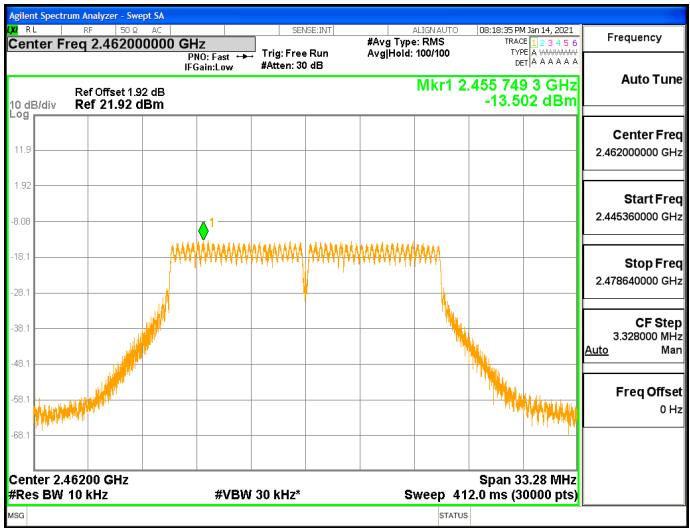
11G_Ant1_2412



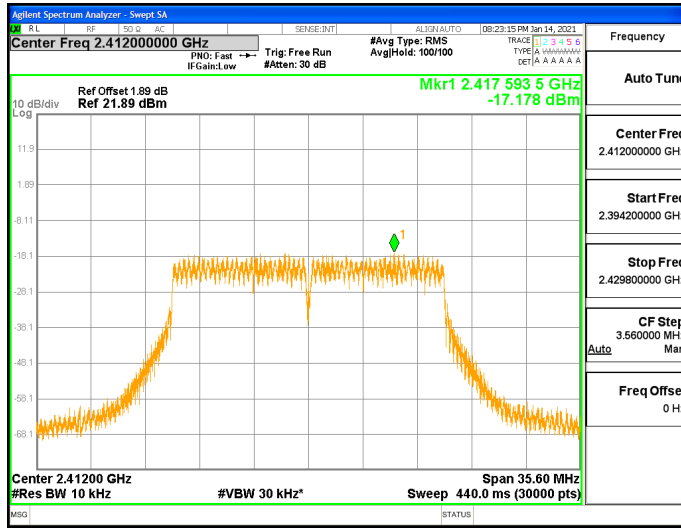
11G_Ant1_2437



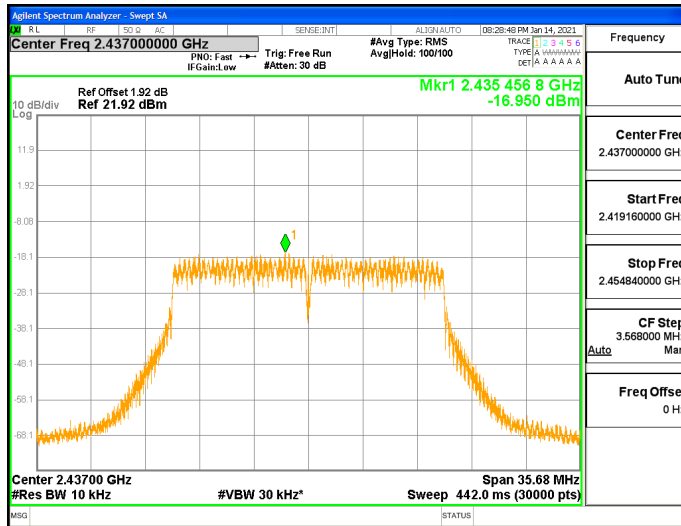
11G_Ant1_2462



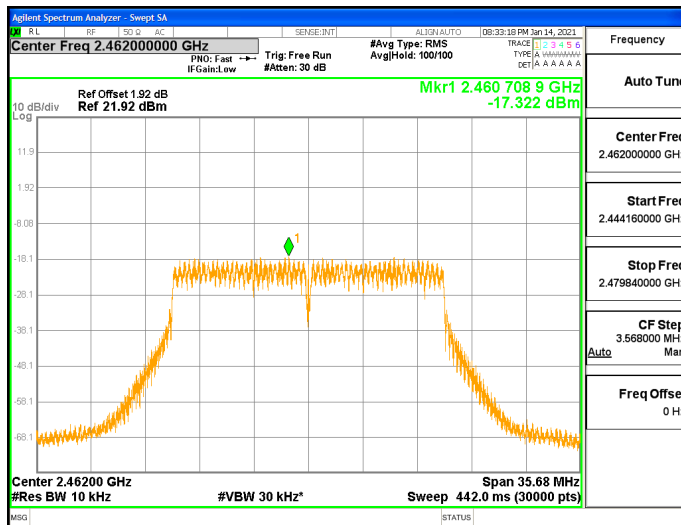
11N20SISO_Ant1_2412



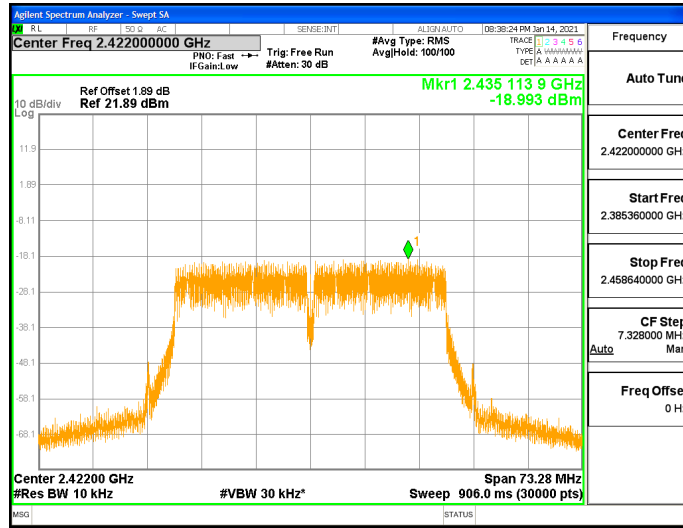
11N20SISO_Ant1_2437



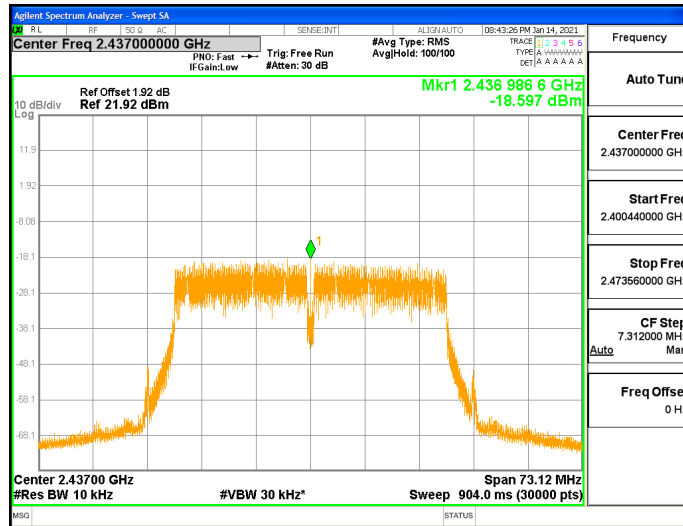
11N20SISO_Ant1_2462



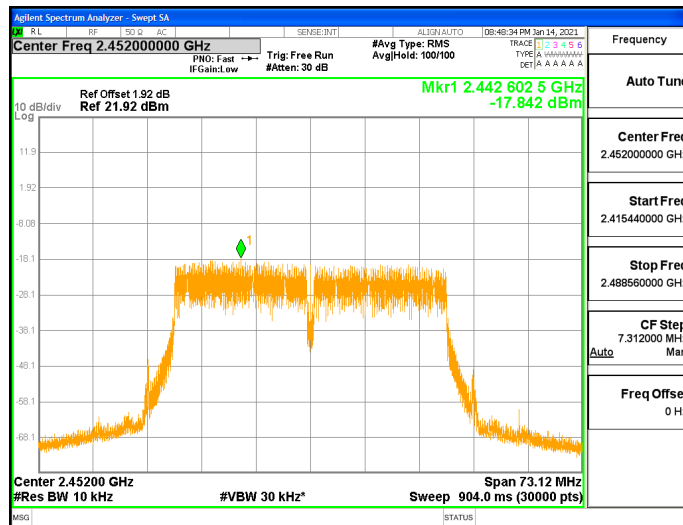
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



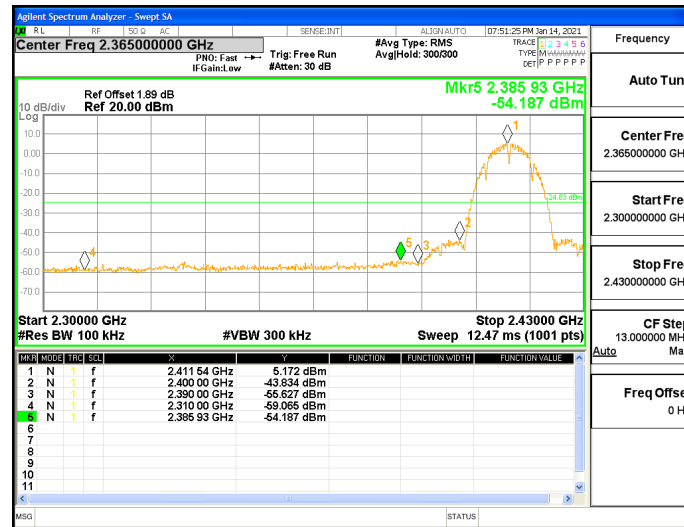
1.5 APPENDIX : BAND EDGE MEASUREMENTS

Test Result

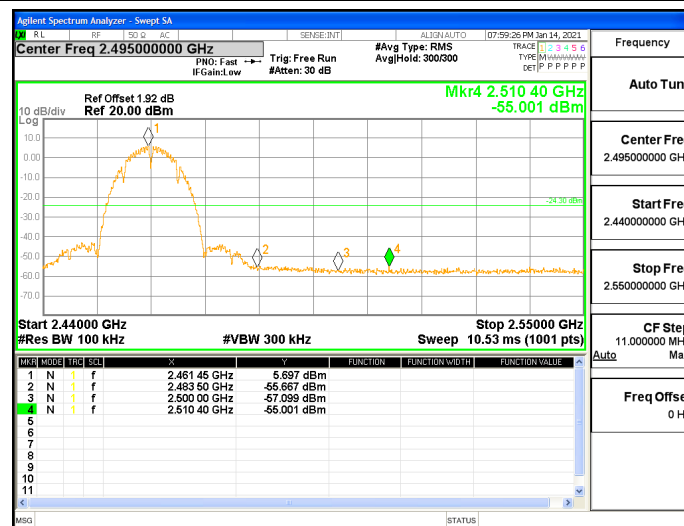
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	5.17	-43.8	<=-24.83	PASS
		High	2462	5.70	-55.0	<=-24.3	PASS
11G	Ant1	Low	2412	0.40	-36.2	<=-29.6	PASS
		High	2462	0.96	-48.6	<=-29.05	PASS
11N20SISO	Ant1	Low	2412	-2.53	-39.6	<=-32.53	PASS
		High	2462	-2.89	-52.8	<=-32.89	PASS
11N40SISO	Ant1	Low	2422	-5.65	-36.9	<=-35.65	PASS
		High	2452	-4.76	-51.9	<=-34.76	PASS

Test Graphs

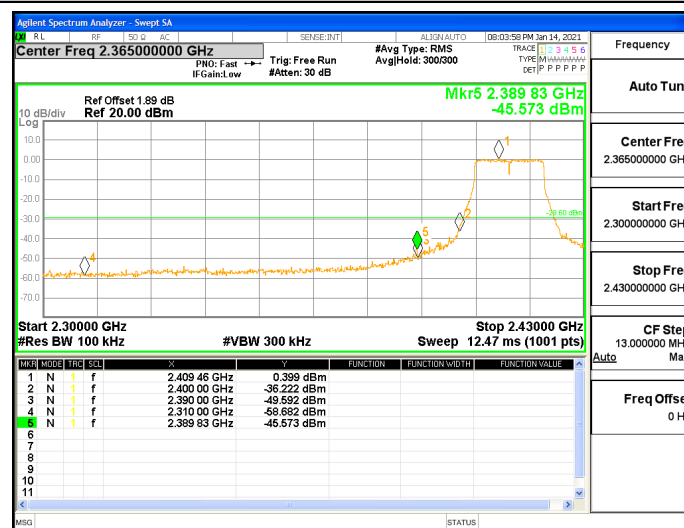
11B_Ant1_Low_2412



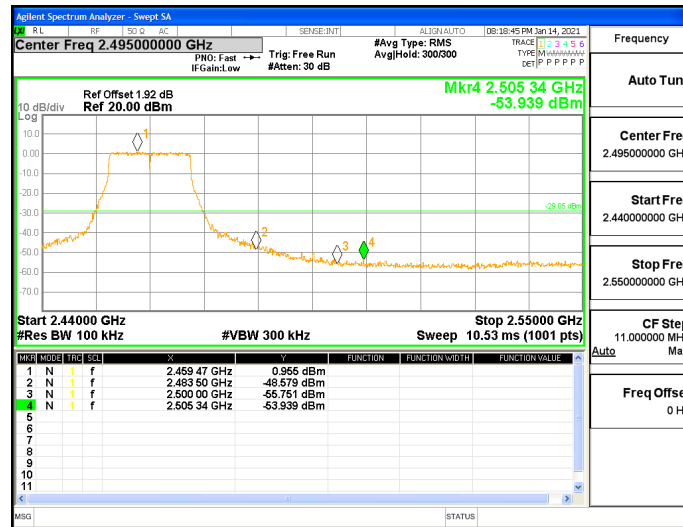
11B_Ant1_High_2462



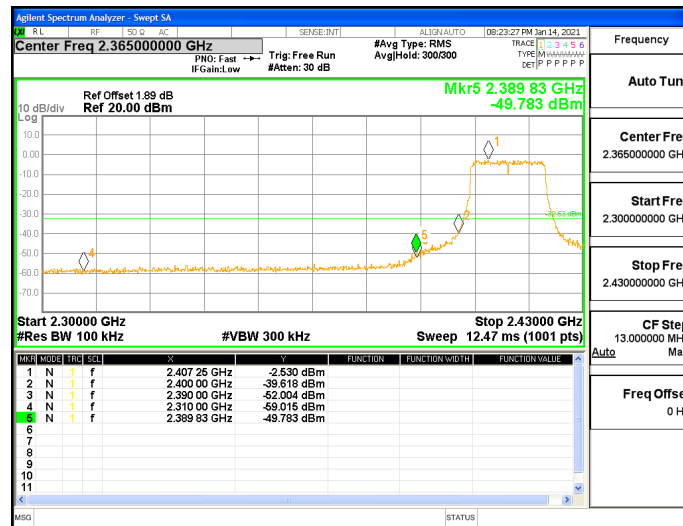
11G_Ant1_Low_2412



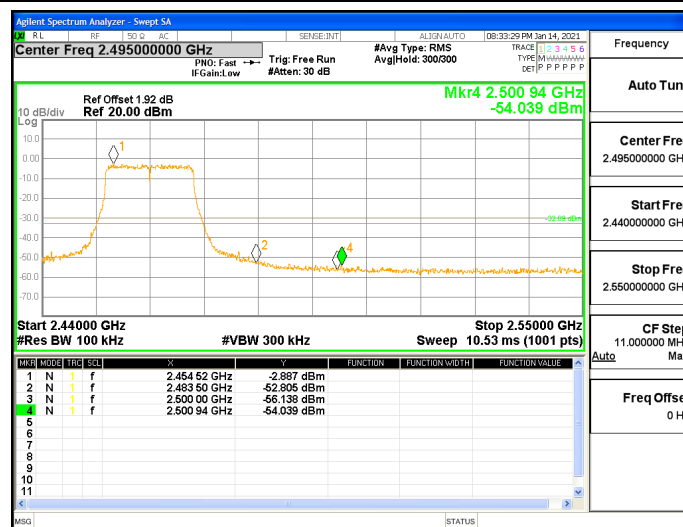
11G_Ant1_High_2462



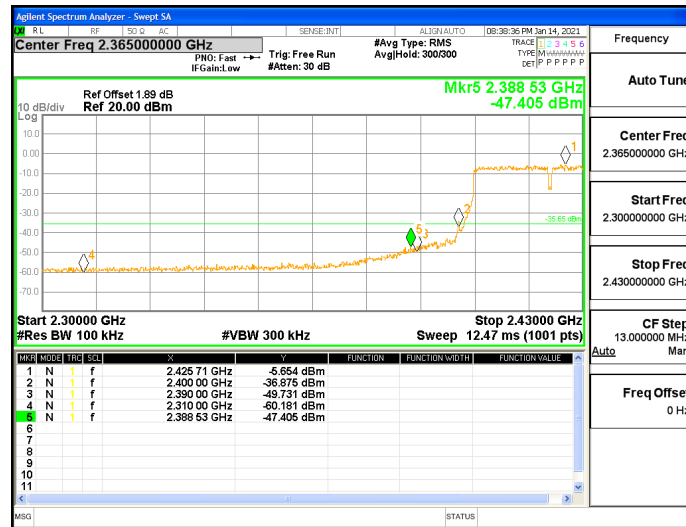
11N20SISO_Ant1_Low_2412



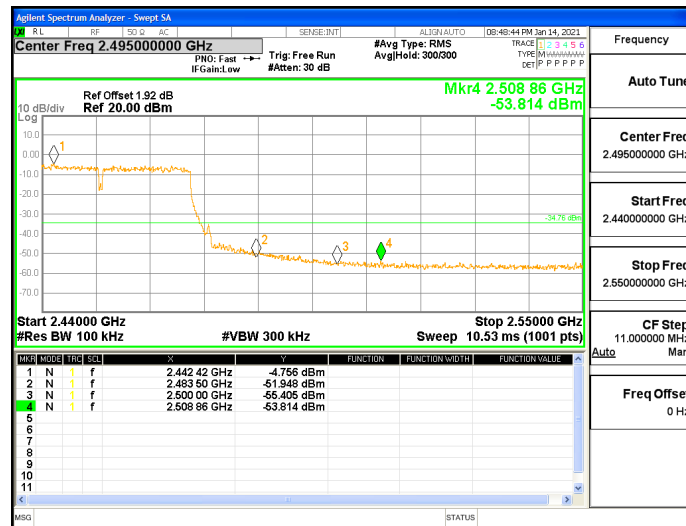
11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



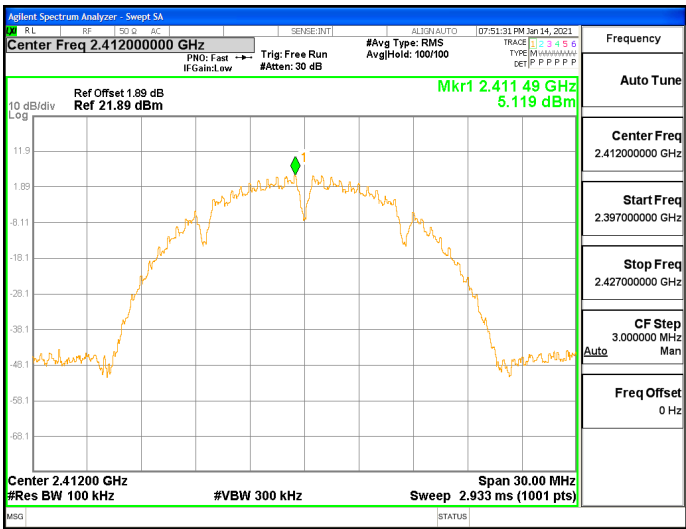
1.6 APPENDIX : CONDUCTED SPURIOUS EMISSION

Test Result

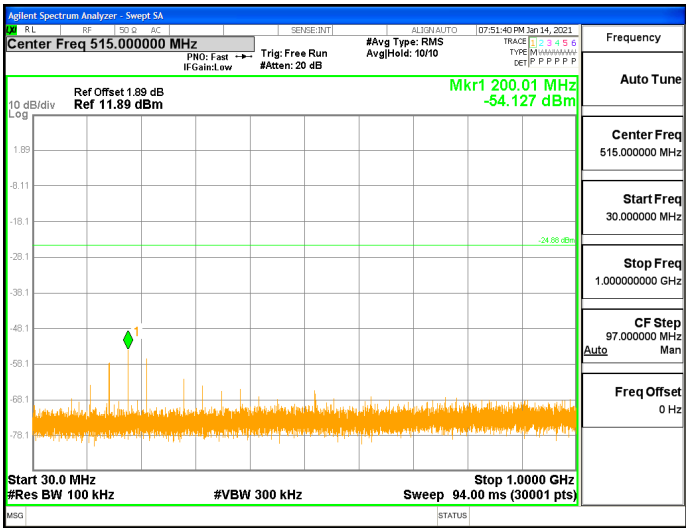
TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	5.12	5.12	---	PASS
			30~1000	30~1000	-54.127	<=-24.881	PASS
			1000~26500	1000~26500	-47.653	<=-24.881	PASS
		2437	Reference	5.73	5.73	---	PASS
			30~1000	30~1000	-54.126	<=-24.268	PASS
			1000~26500	1000~26500	-47.436	<=-24.268	PASS
		2462	Reference	5.63	5.63	---	PASS
			30~1000	30~1000	-54.341	<=-24.372	PASS
			1000~26500	1000~26500	-48.516	<=-24.372	PASS
11G	Ant1	2412	Reference	0.19	0.19	---	PASS
			30~1000	30~1000	-54.983	<=-29.812	PASS
			1000~26500	1000~26500	-53.707	<=-29.812	PASS
		2437	Reference	0.89	0.89	---	PASS
			30~1000	30~1000	-54.461	<=-29.11	PASS
			1000~26500	1000~26500	-53.461	<=-29.11	PASS
		2462	Reference	0.86	0.86	---	PASS
			30~1000	30~1000	-54.915	<=-29.137	PASS
			1000~26500	1000~26500	-53.995	<=-29.137	PASS
11N20SISO	Ant1	2412	Reference	-2.83	-2.83	---	PASS
			30~1000	30~1000	-55.083	<=-32.829	PASS
			1000~26500	1000~26500	-54.512	<=-32.829	PASS
		2437	Reference	-2.29	-2.29	---	PASS
			30~1000	30~1000	-54.864	<=-32.292	PASS
			1000~26500	1000~26500	-53.008	<=-32.292	PASS
		2462	Reference	-2.88	-2.88	---	PASS
			30~1000	30~1000	-54.527	<=-32.876	PASS
			1000~26500	1000~26500	-51.405	<=-32.876	PASS
11N40SISO	Ant1	2422	Reference	-5.57	-5.57	---	PASS
			30~1000	30~1000	-54.834	<=-35.572	PASS
			1000~26500	1000~26500	-53.403	<=-35.572	PASS
		2437	Reference	-5.48	-5.48	---	PASS
			30~1000	30~1000	-54.643	<=-35.481	PASS
			1000~26500	1000~26500	-47.473	<=-35.481	PASS
		2452	Reference	-5.06	-5.06	---	PASS
			30~1000	30~1000	-54.885	<=-35.06	PASS
			1000~26500	1000~26500	-45.329	<=-35.06	PASS

Test Graphs

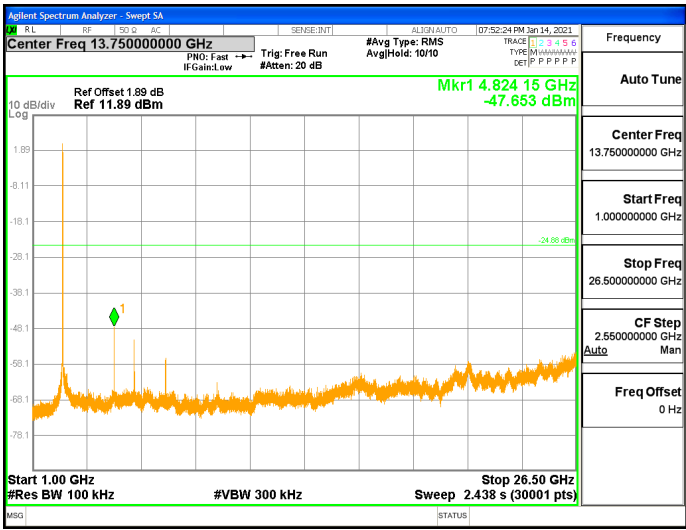
11B_Ant1_2412_0~Reference



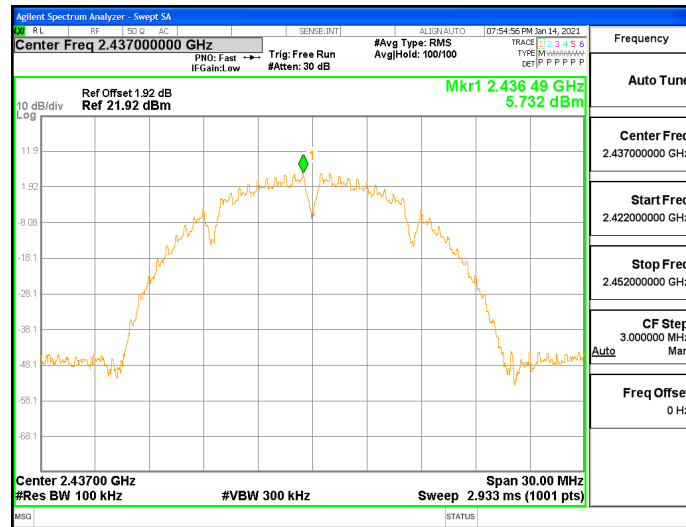
11B_Ant1_2412_30~1000



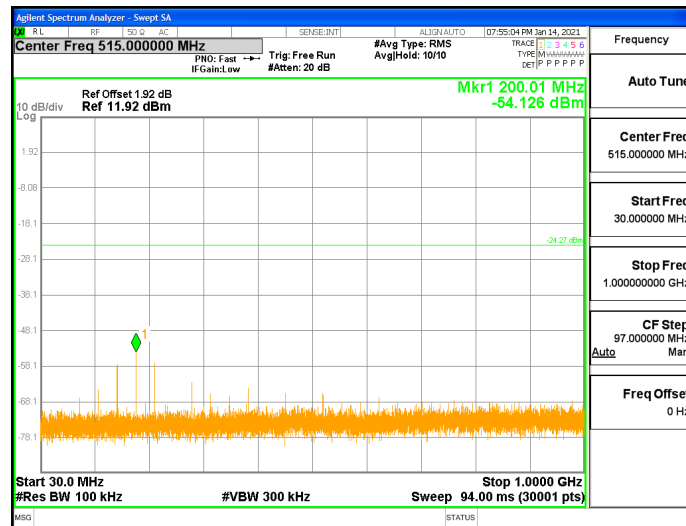
11B_Ant1_2412_1000~26500



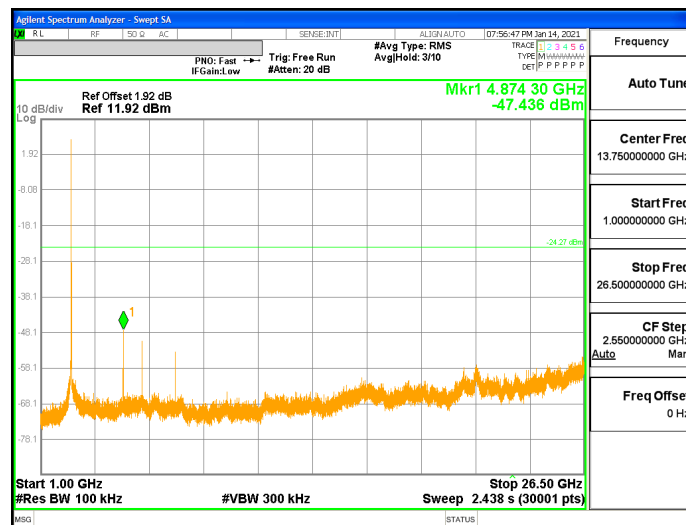
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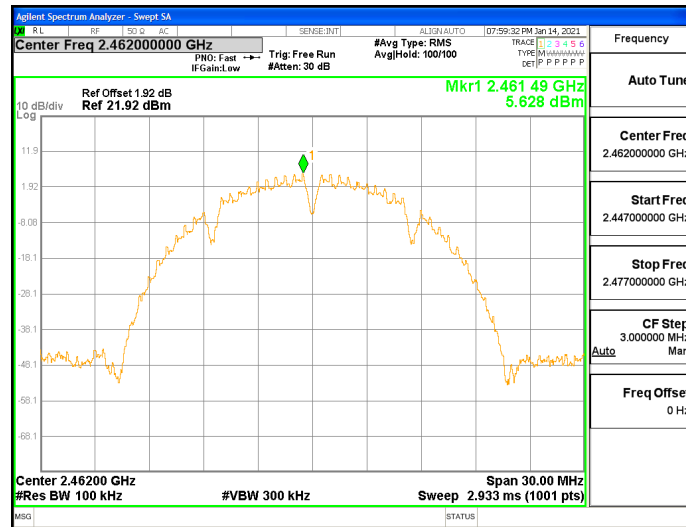
11B_Ant1_2437_30~1000



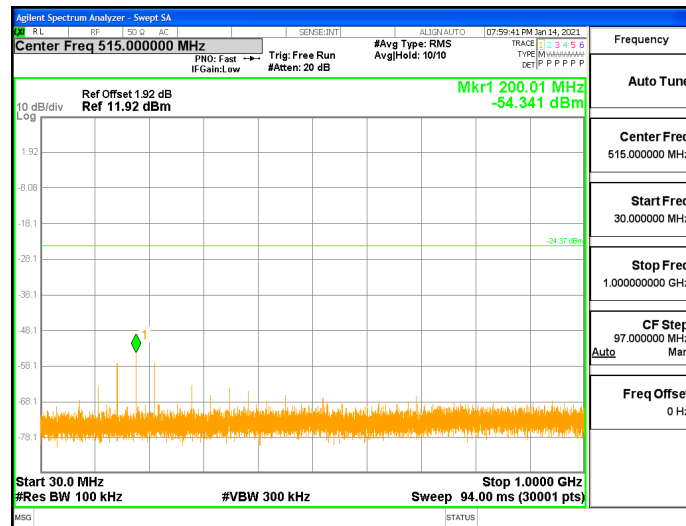
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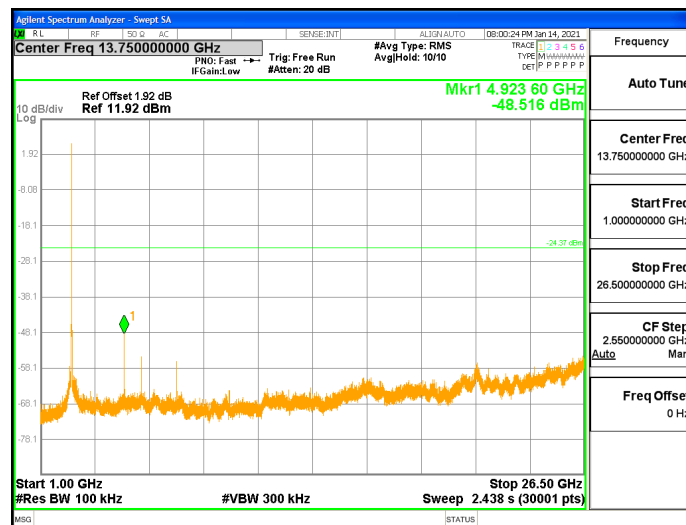
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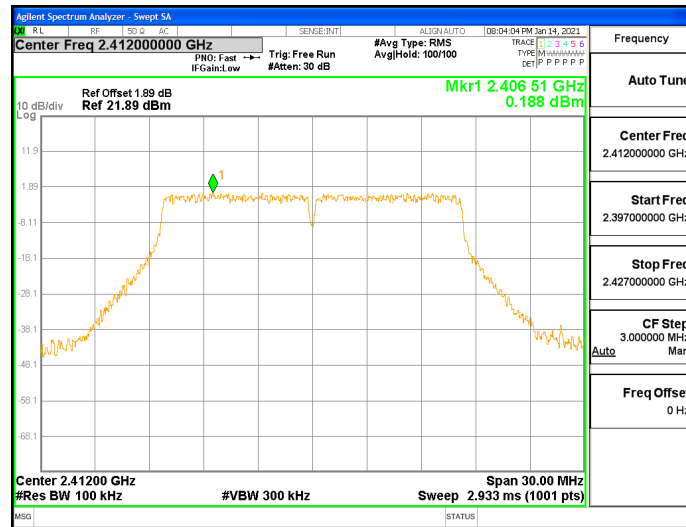
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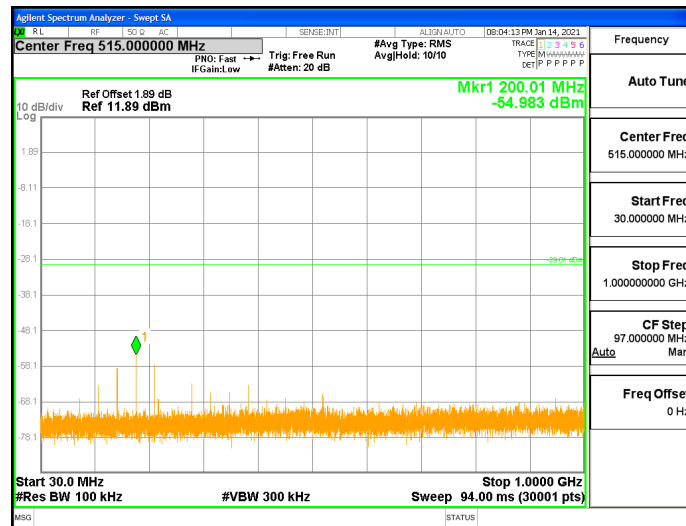
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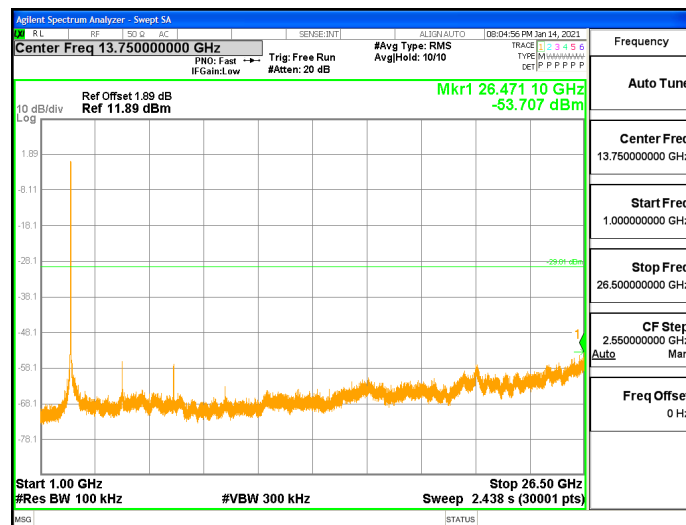
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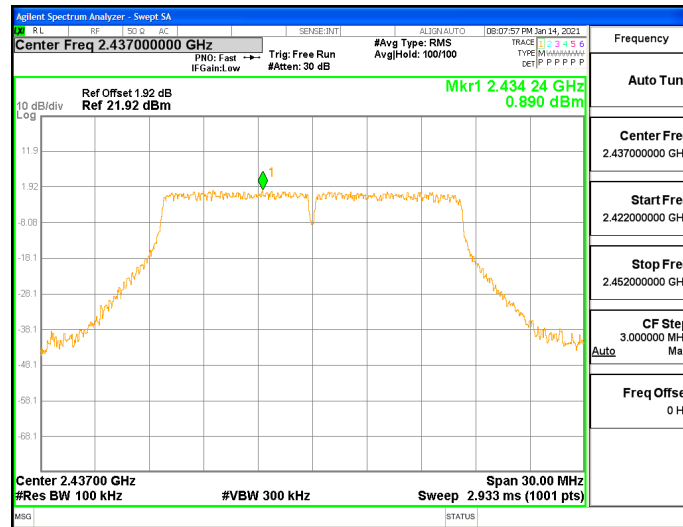
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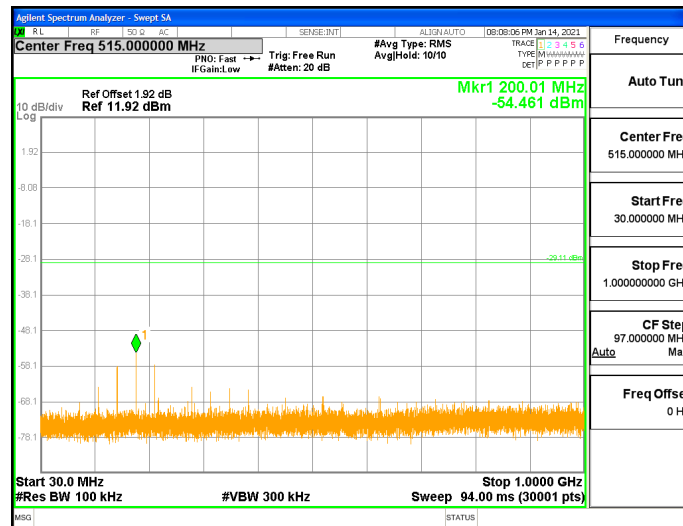
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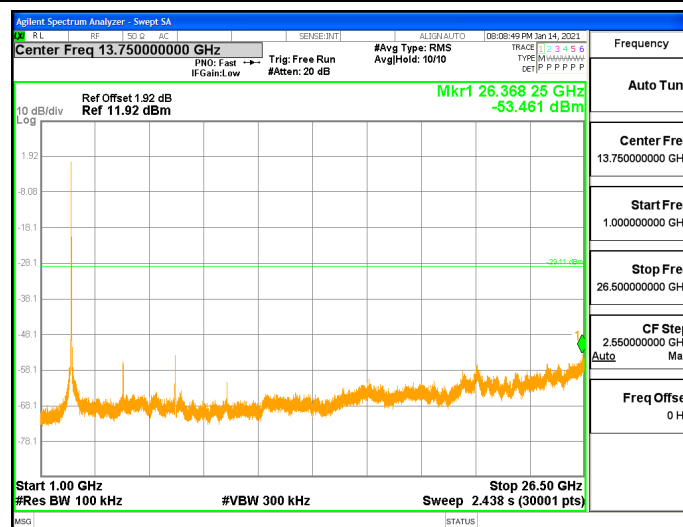
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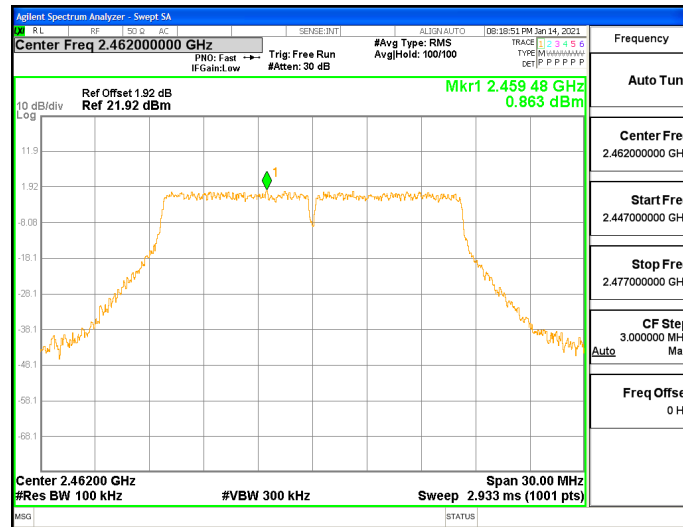
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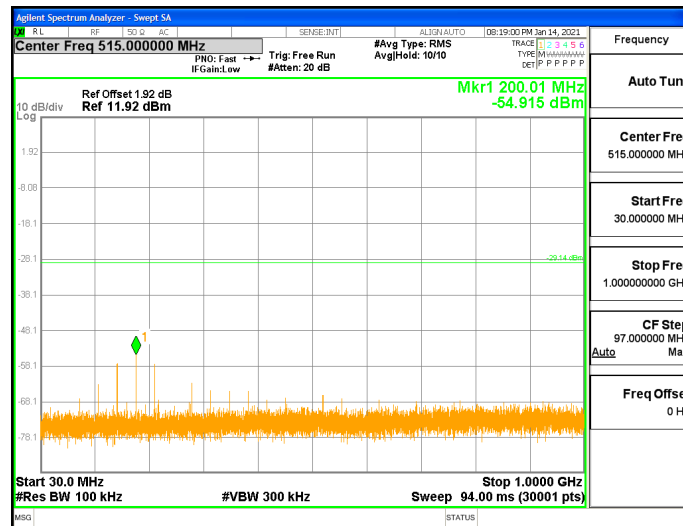
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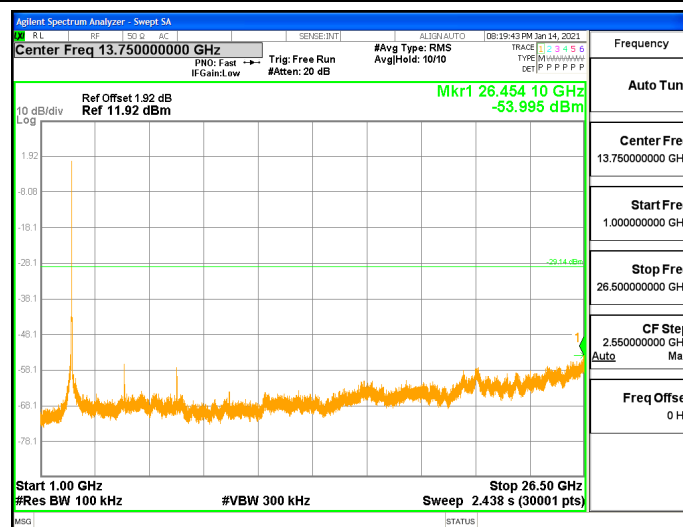
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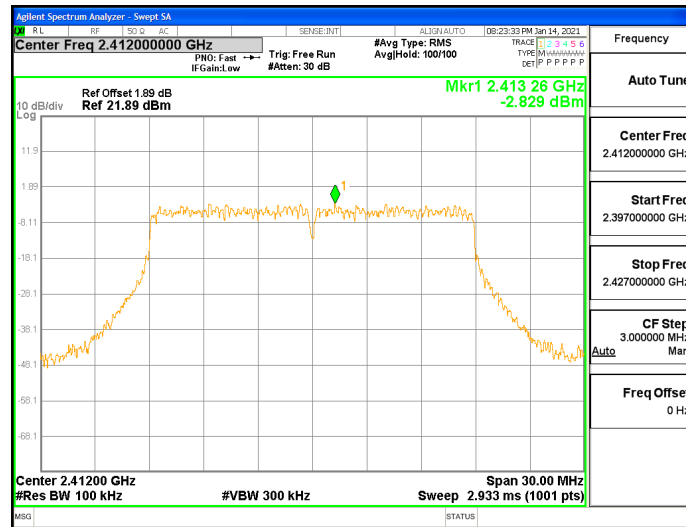
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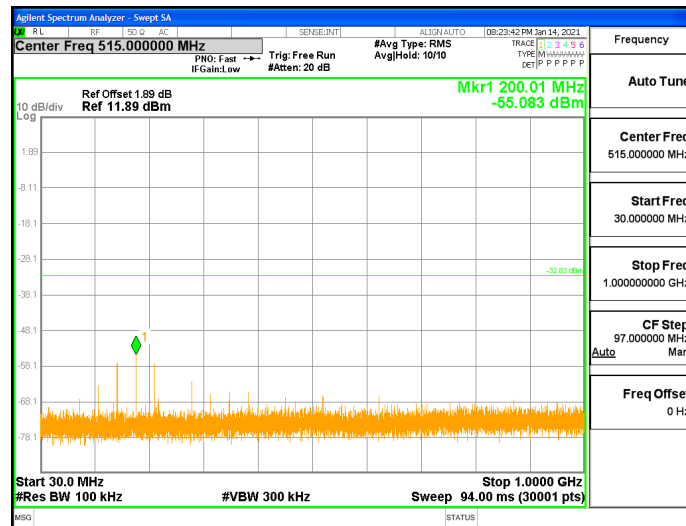
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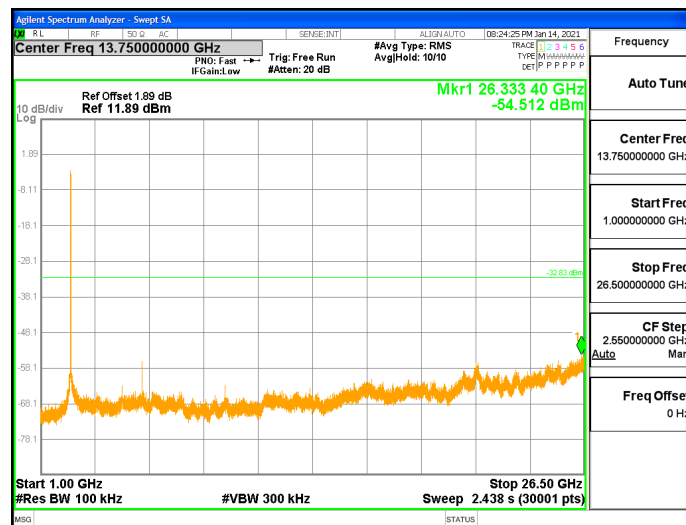
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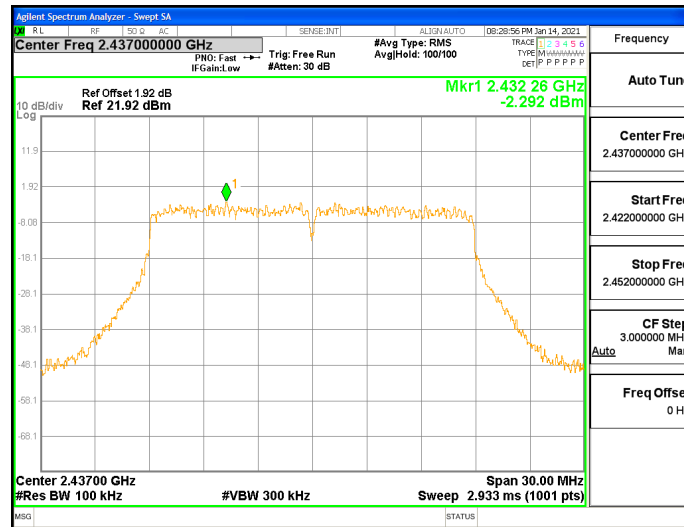
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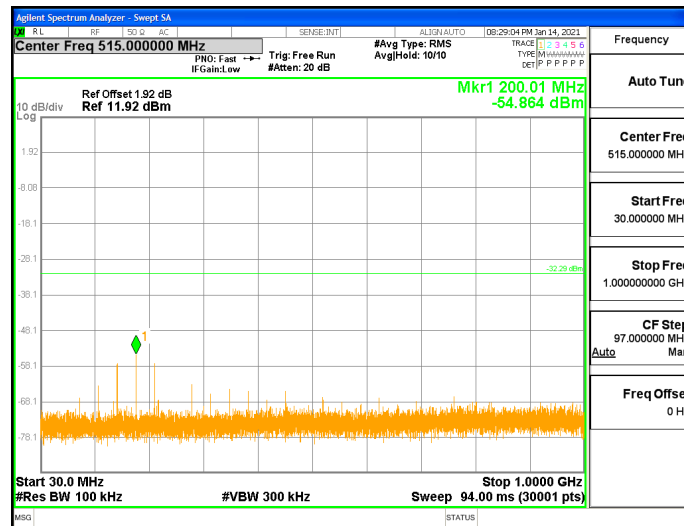
11N20SISO_Ant1_2412_1000~26500



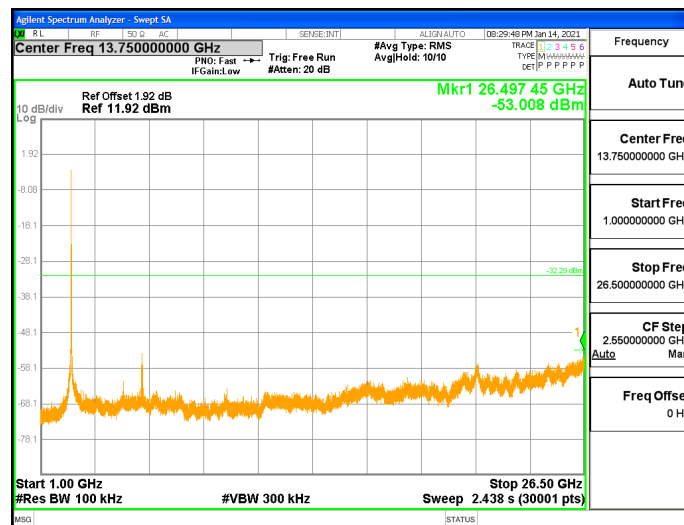
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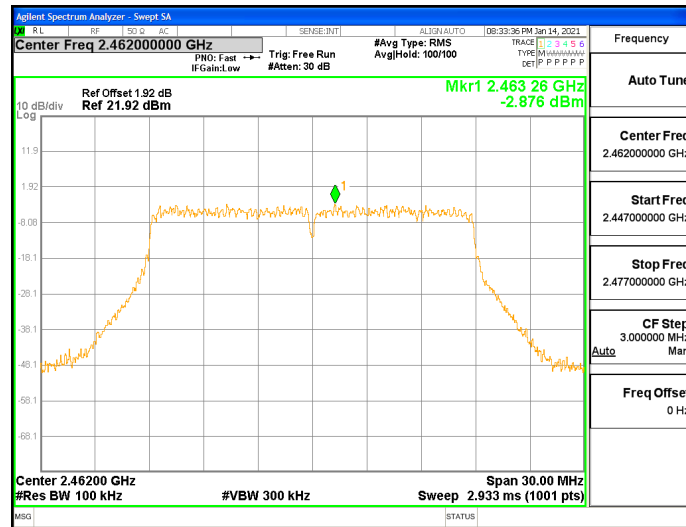
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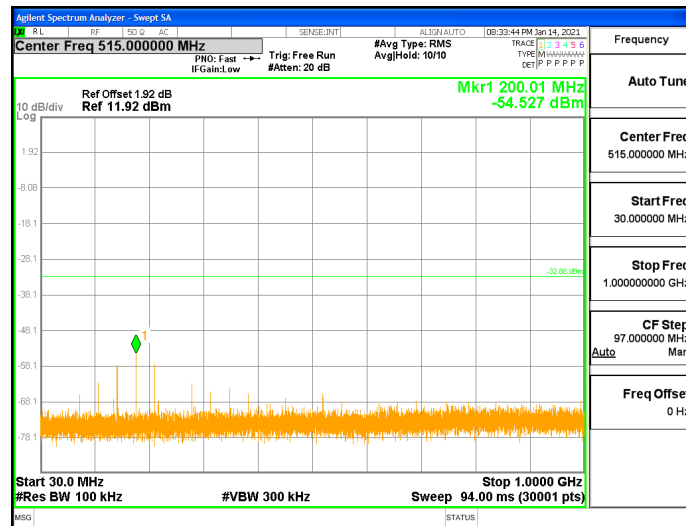
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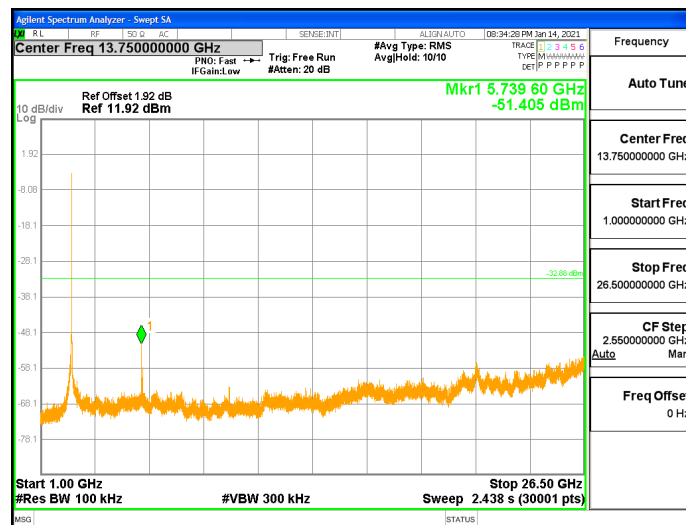
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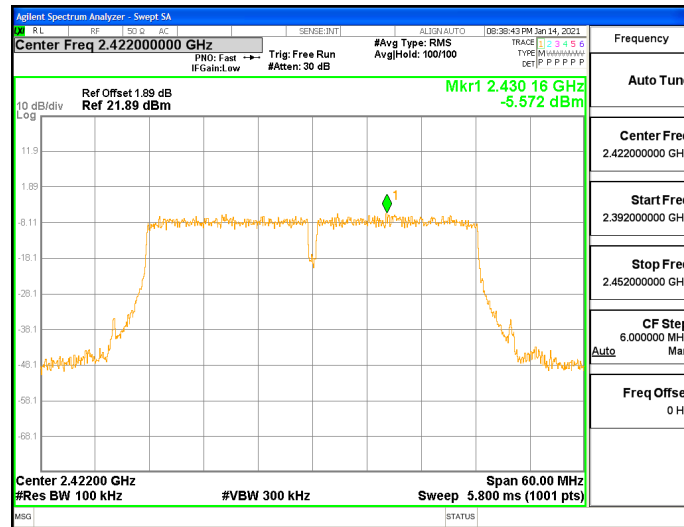
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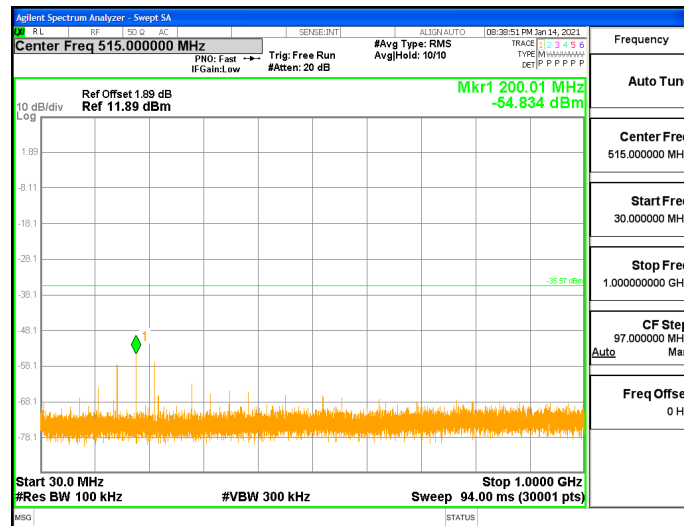
11N20SISO_Ant1_2462_1000~26500



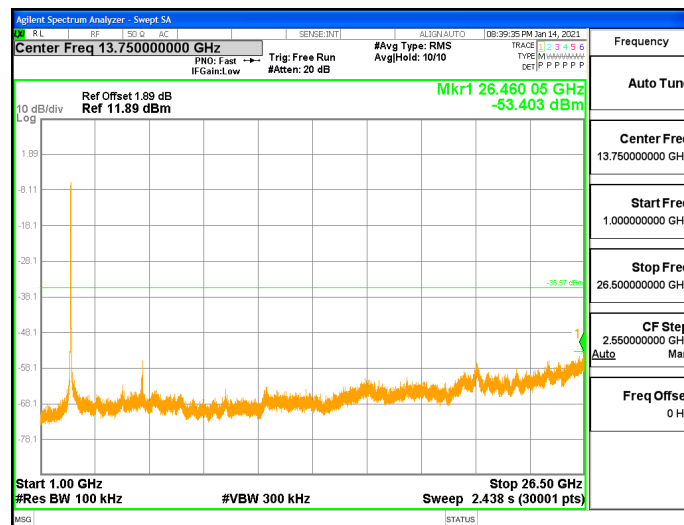
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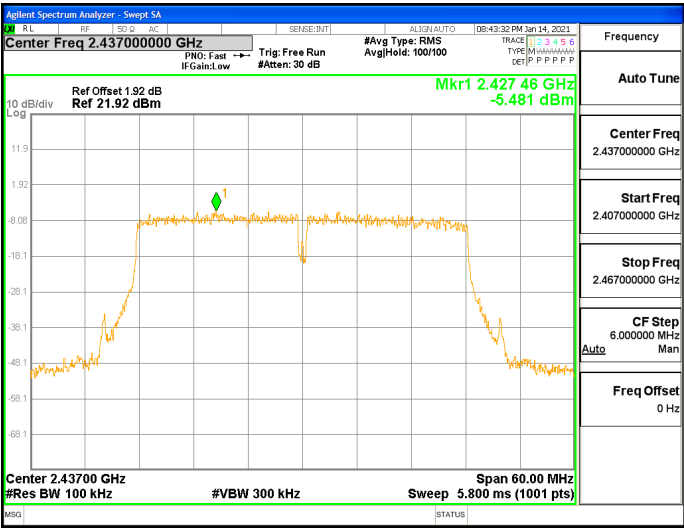
11N40SISO_Ant1_2422_30~1000



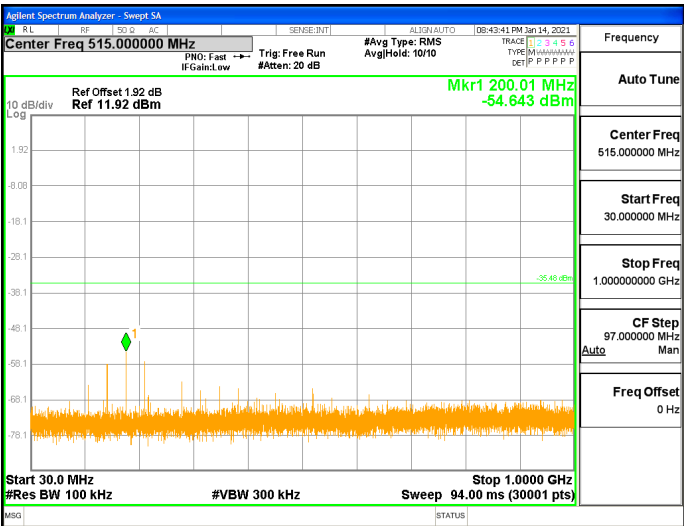
11N40SISO_Ant1_2422_1000~26500



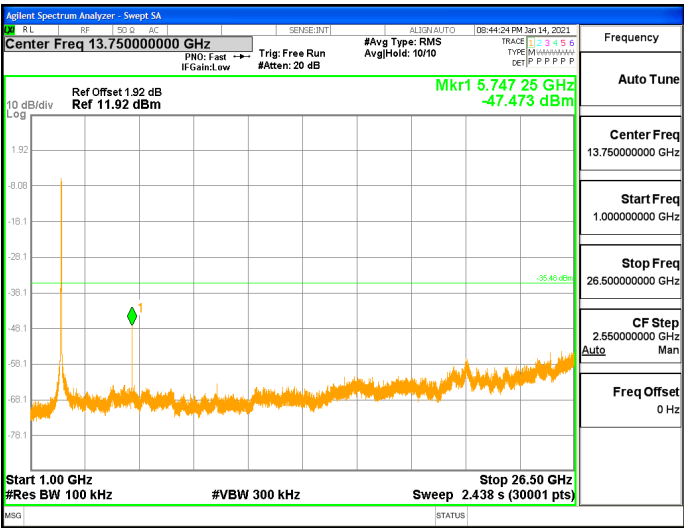
11N40SISO_Ant1_2437_0~Reference



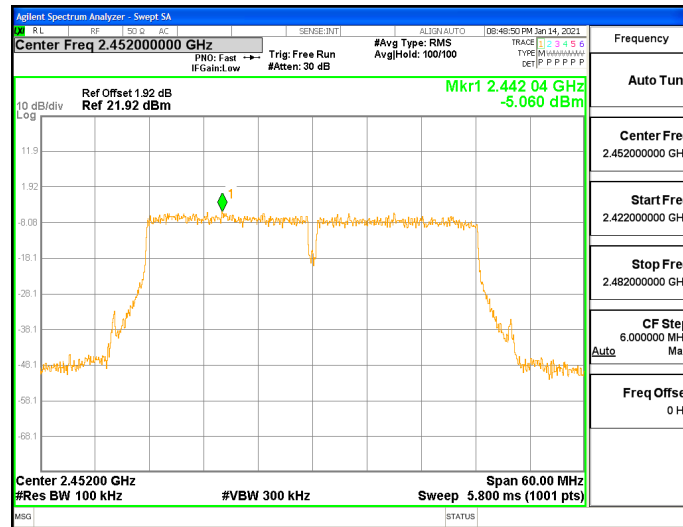
11N40SISO_Ant1_2437_30~1000



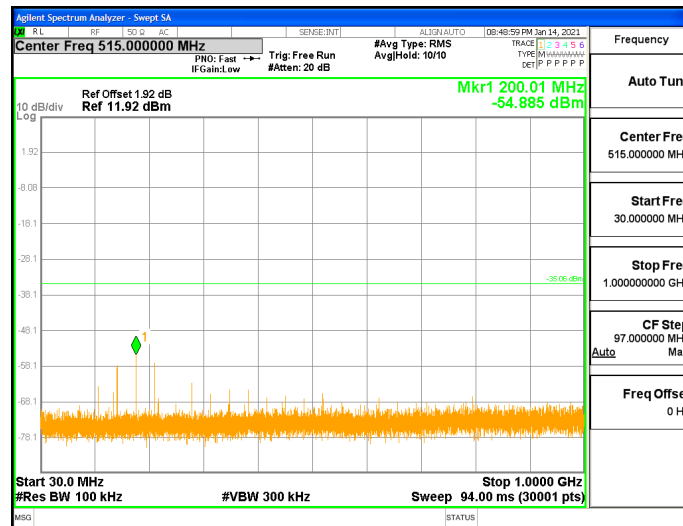
11N40SISO_Ant1_2437_1000~26500



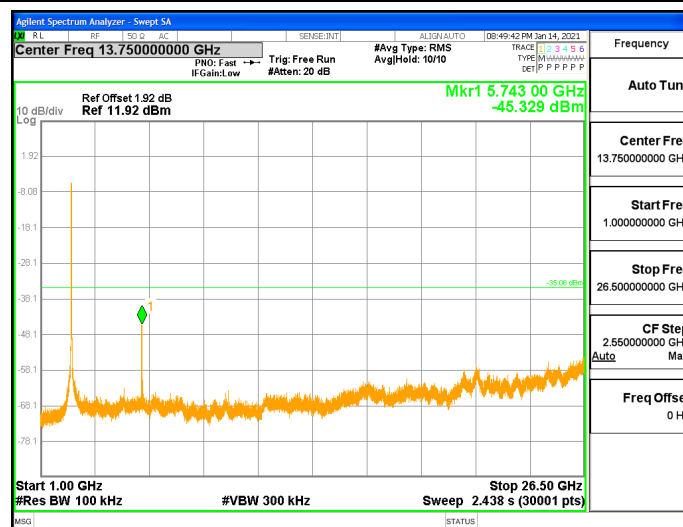
11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000

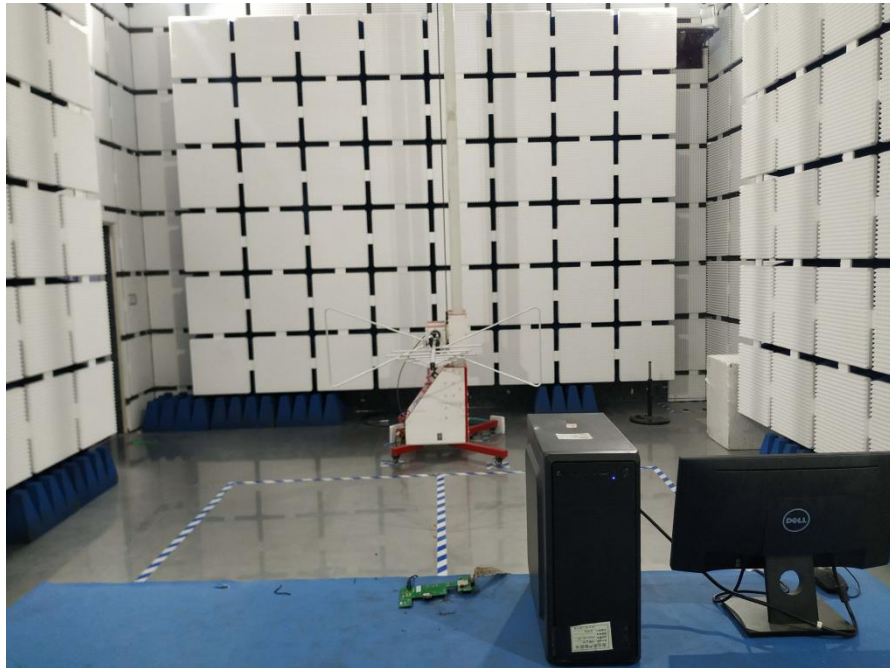


11N40SISO_Ant1_2452_1000~26500



APPENDIX A: PHOTOGRAPHS OF TEST SETUP

Radiated Spurious Emissions



Conducted Emissions at AC Power Line (150kHz-30MHz)



APPENDIX B: PHOTOGRAPHS OF EUT

