

10 APPENDIX

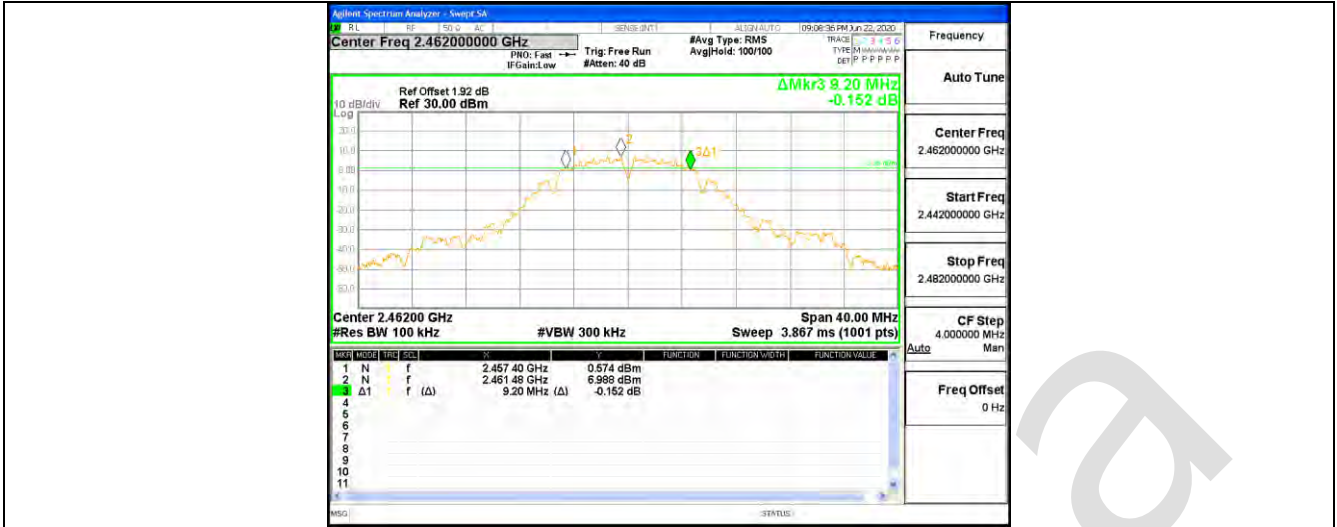
10.1 APPENDIX : DTS BANDWIDTH

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.200	2407.400	2416.600	≥ 0.5	PASS
		2437	9.200	2432.400	2441.600	≥ 0.5	PASS
		2462	9.200	2457.400	2466.600	≥ 0.5	PASS
11G	Ant1	2412	16.400	2403.800	2420.200	≥ 0.5	PASS
		2437	16.400	2428.800	2445.200	≥ 0.5	PASS
		2462	16.440	2453.800	2470.240	≥ 0.5	PASS
11N20SISO	Ant1	2412	17.680	2403.160	2420.840	≥ 0.5	PASS
		2437	17.680	2428.160	2445.840	≥ 0.5	PASS
		2462	17.680	2453.160	2470.840	≥ 0.5	PASS
11N40SISO	Ant1	2422	36.480	2403.760	2440.240	≥ 0.5	PASS
		2437	36.320	2418.920	2455.240	≥ 0.5	PASS
		2452	36.480	2433.760	2470.240	≥ 0.5	PASS

Test Graphs







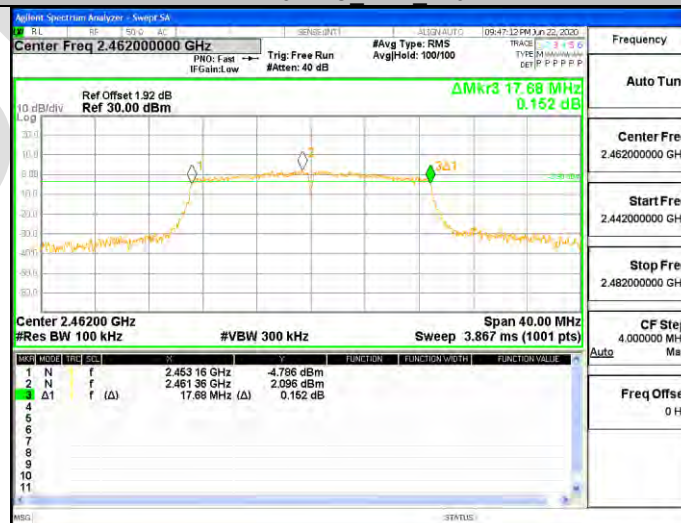
11N20SISO Ant1 2412



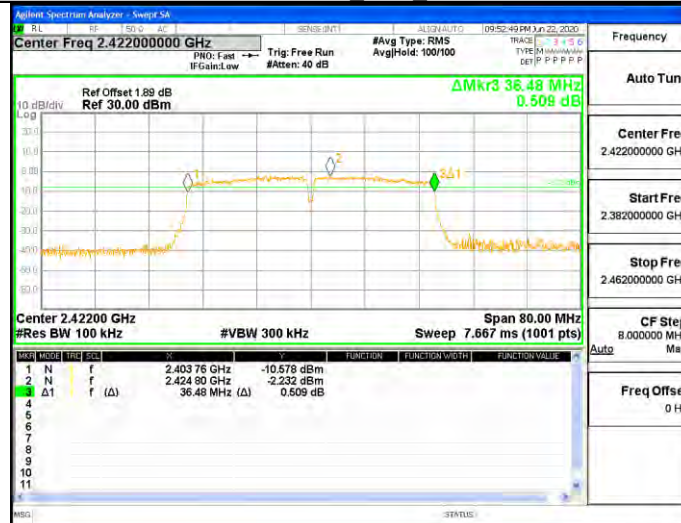
11N20SISO Ant1 2437



11N20SISO Ant1 2462



11N40SISO Ant1 2422



11N40SISO Ant1 2437



11N40SISO Ant1 2452



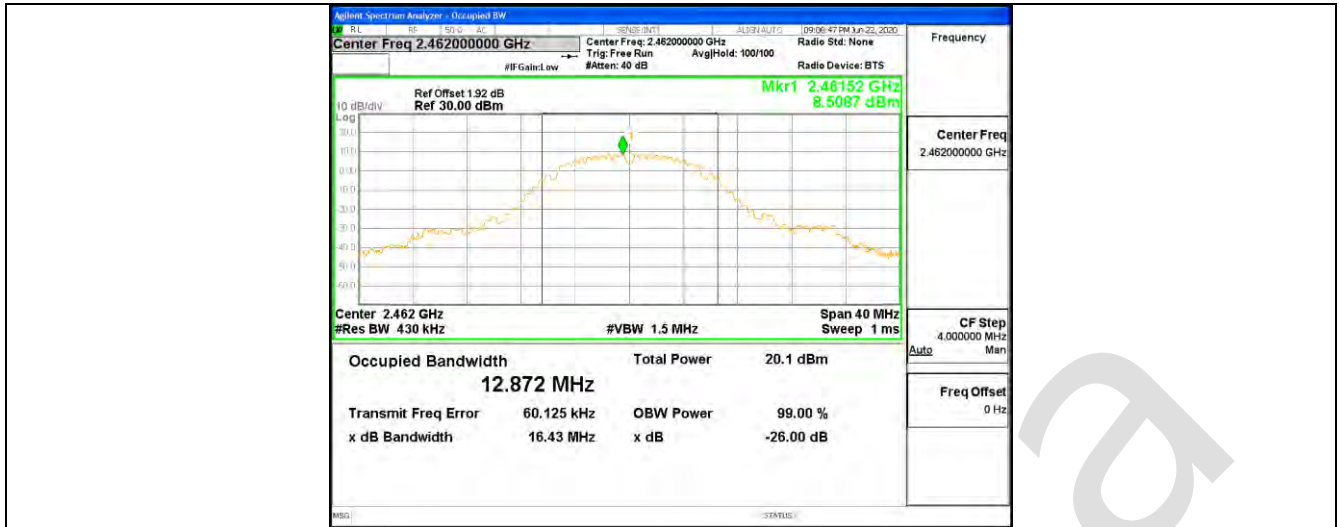
10.2 APPENDIX : OCCUPIED CHANNEL BANDWIDTH

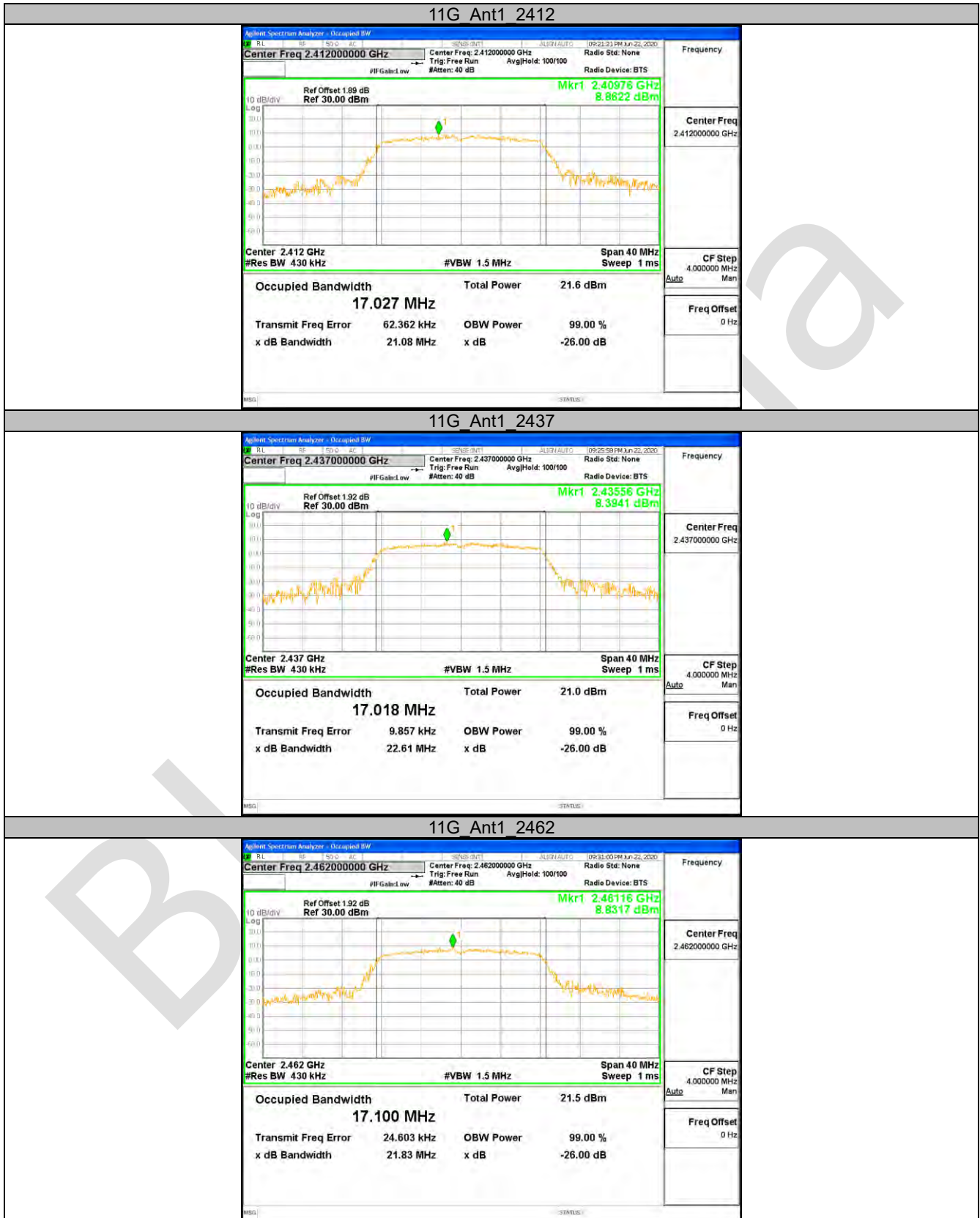
Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.630	2405.745	2418.375	---	PASS
		2437	12.801	2430.653	2443.454	---	PASS
		2462	12.872	2455.624	2468.496	---	PASS
11G	Ant1	2412	17.027	2403.549	2420.576	---	PASS
		2437	17.018	2428.501	2445.519	---	PASS
		2462	17.100	2453.475	2470.575	---	PASS
11N20SISO	Ant1	2412	17.714	2403.164	2420.878	---	PASS
		2437	17.744	2428.141	2445.885	---	PASS
		2462	17.815	2453.123	2470.938	---	PASS
11N40SISO	Ant1	2422	36.042	2404.074	2440.116	---	PASS
		2437	36.035	2419.074	2455.109	---	PASS
		2452	36.073	2434.052	2470.125	---	PASS

Test Graphs











10.3 APPENDIX : MAXIMUM CONDUCTED OUTPUT POWER

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	17.13	<=30	PASS
		2437	17.41	<=30	PASS
		2462	17.16	<=30	PASS
11G	Ant1	2412	15.44	<=30	PASS
		2437	14.92	<=30	PASS
		2462	15.40	<=30	PASS
11N20SISO	Ant1	2412	15.13	<=30	PASS
		2437	14.87	<=30	PASS
		2462	15.33	<=30	PASS
11N40SISO	Ant1	2422	14.73	<=30	PASS
		2437	14.46	<=30	PASS
		2452	15.15	<=30	PASS

Test Graphs









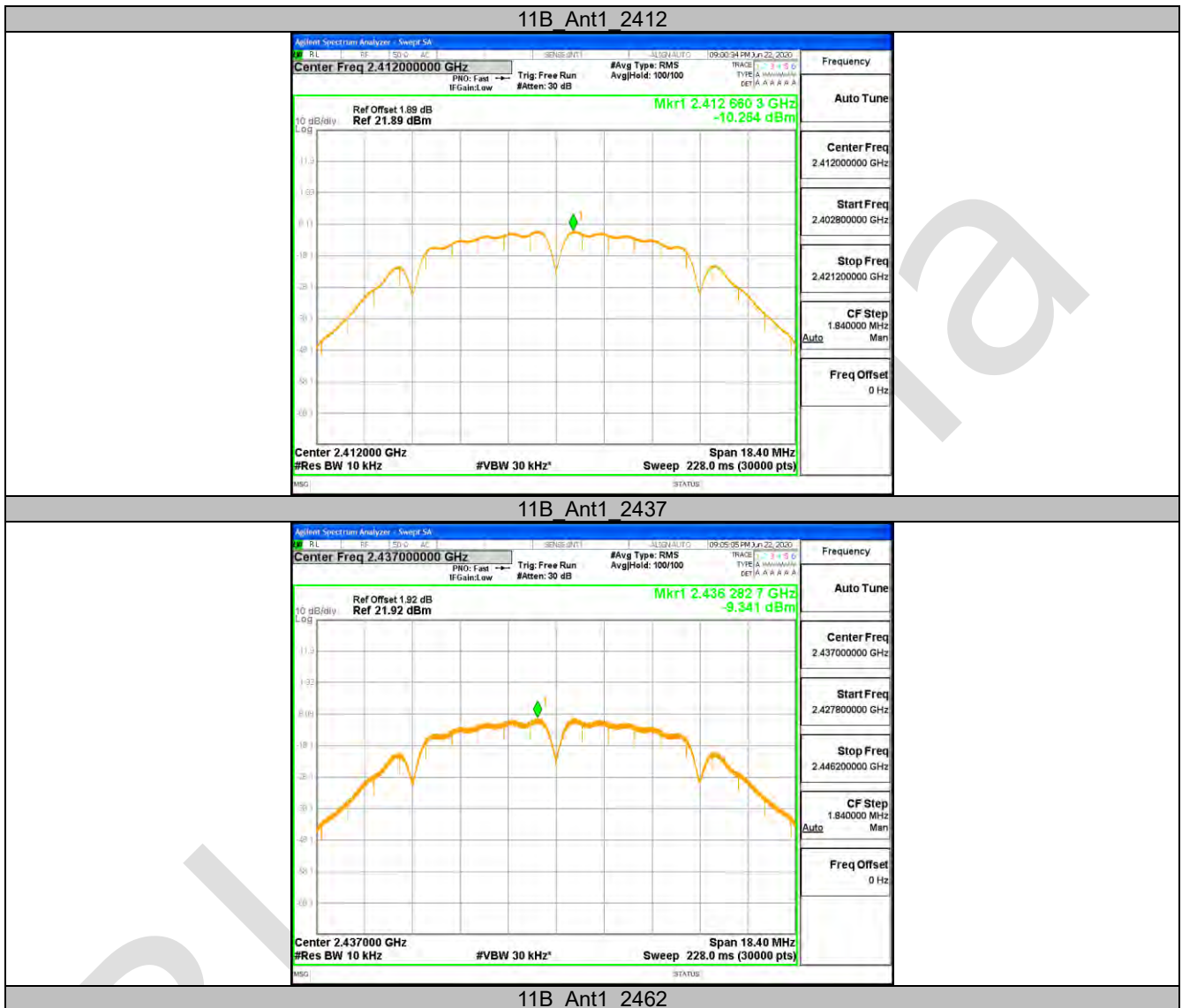


10.4 APPENDIX : MAXIMUM POWER SPECTRAL DENSITY

Test Result

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-10.26	<=8	PASS
		2437	-9.34	<=8	PASS
		2462	-10.05	<=8	PASS
11G	Ant1	2412	-12.49	<=8	PASS
		2437	-13.13	<=8	PASS
		2462	-12.58	<=8	PASS
11N20SISO	Ant1	2412	-12.93	<=8	PASS
		2437	-13.02	<=8	PASS
		2462	-12.49	<=8	PASS
11N40SISO	Ant1	2422	-16.64	<=8	PASS
		2437	-16.91	<=8	PASS
		2452	-16.13	<=8	PASS

Test Graphs





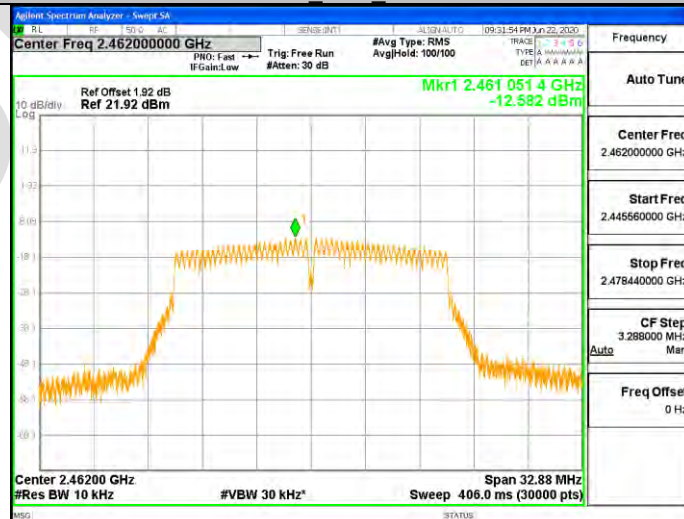
11G Ant1 2412



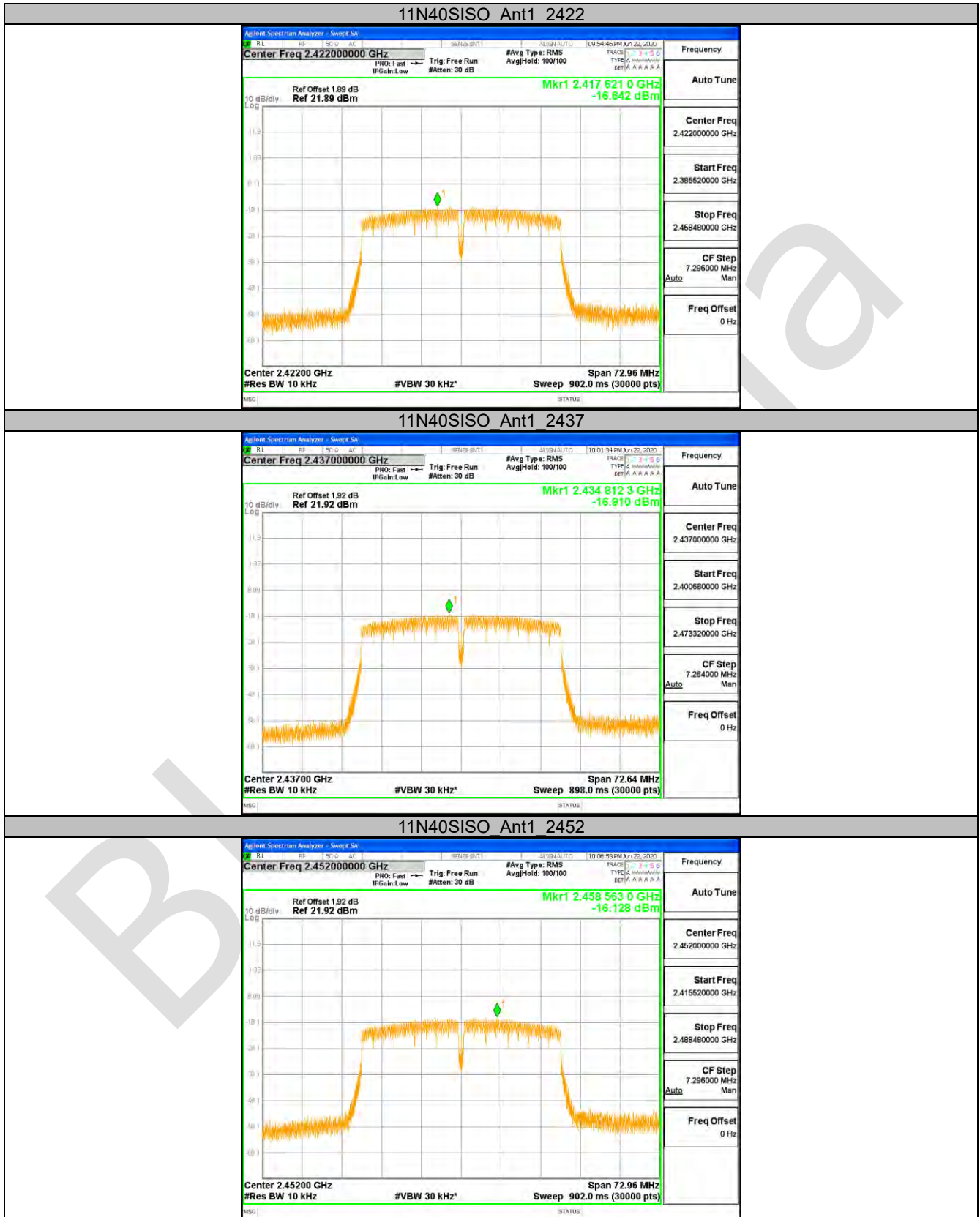
11G Ant1 2437



11G Ant1 2462







10.5 APPENDIX : BAND EDGE MEASUREMENTS

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	7.00	-47.17	<=-23	PASS
		High	2462	7.00	-52.58	<=-23	PASS
11G	Ant1	Low	2412	2.13	-40.54	<=-27.88	PASS
		High	2462	2.21	-48.64	<=-27.8	PASS
11N20SISO	Ant1	Low	2412	1.67	-40.74	<=-28.33	PASS
		High	2462	2.10	-46.51	<=-27.9	PASS
11N40SISO	Ant1	Low	2422	-1.70	-37.29	<=-31.7	PASS
		High	2452	-1.37	-37.71	<=-31.37	PASS

Test Graphs









10.6 APPENDIX F: CONDUCTED SPURIOUS EMISSION

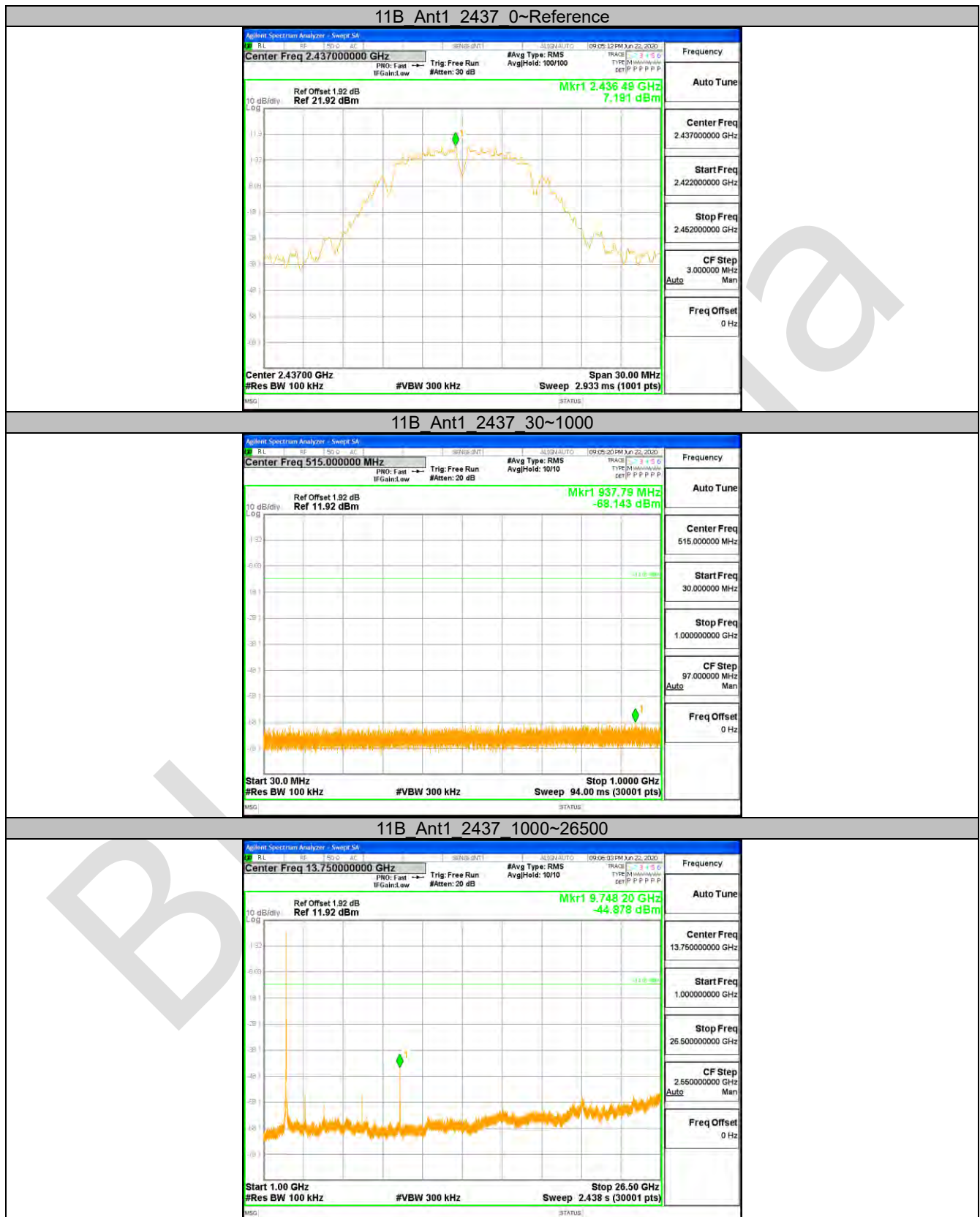
Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	4.92	4.92	---	PASS
			30~1000	30~1000	-67.793	<=-15.079	PASS
			1000~26500	1000~26500	-43.33	<=-13.054	PASS
		2437	Reference	7.19	7.19	---	PASS
			30~1000	30~1000	-68.143	<=-12.809	PASS
			1000~26500	1000~26500	-44.878	<=-12.809	PASS
		2462	Reference	6.89	6.89	---	PASS
			30~1000	30~1000	-68.105	<=-13.106	PASS
			1000~26500	1000~26500	-47.266	<=-13.106	PASS
11G	Ant1	2412	Reference	2.08	2.08	---	PASS
			30~1000	30~1000	-67.969	<=-17.92	PASS
			1000~26500	1000~26500	-53.717	<=-17.92	PASS
		2437	Reference	1.17	1.17	---	PASS
			30~1000	30~1000	-67.832	<=-18.835	PASS
			1000~26500	1000~26500	-53.735	<=-18.835	PASS
		2462	Reference	2.18	2.18	---	PASS
			30~1000	30~1000	-68.22	<=-17.821	PASS
			1000~26500	1000~26500	-53.583	<=-17.821	PASS
11N20SISO	Ant1	2412	Reference	1.15	1.15	---	PASS
			30~1000	30~1000	-66.589	<=-18.846	PASS
			1000~26500	1000~26500	-53.688	<=-18.846	PASS
		2437	Reference	1.59	1.59	---	PASS
			30~1000	30~1000	-67.916	<=-18.412	PASS
			1000~26500	1000~26500	-53.739	<=-18.412	PASS
		2462	Reference	2.01	2.01	---	PASS
			30~1000	30~1000	-67.588	<=-17.994	PASS
			1000~26500	1000~26500	-54.079	<=-17.994	PASS
11N40SISO	Ant1	2422	Reference	-1.70	-1.70	---	PASS
			30~1000	30~1000	-68.042	<=-21.7	PASS
			1000~26500	1000~26500	-51.211	<=-21.7	PASS
		2437	Reference	-2.78	-2.78	---	PASS
			30~1000	30~1000	-68.07	<=-22.781	PASS
			1000~26500	1000~26500	-53.158	<=-22.781	PASS
		2452	Reference	-1.96	-1.96	---	PASS
			30~1000	30~1000	-67.765	<=-21.959	PASS
			1000~26500	1000~26500	-52.384	<=-21.959	PASS

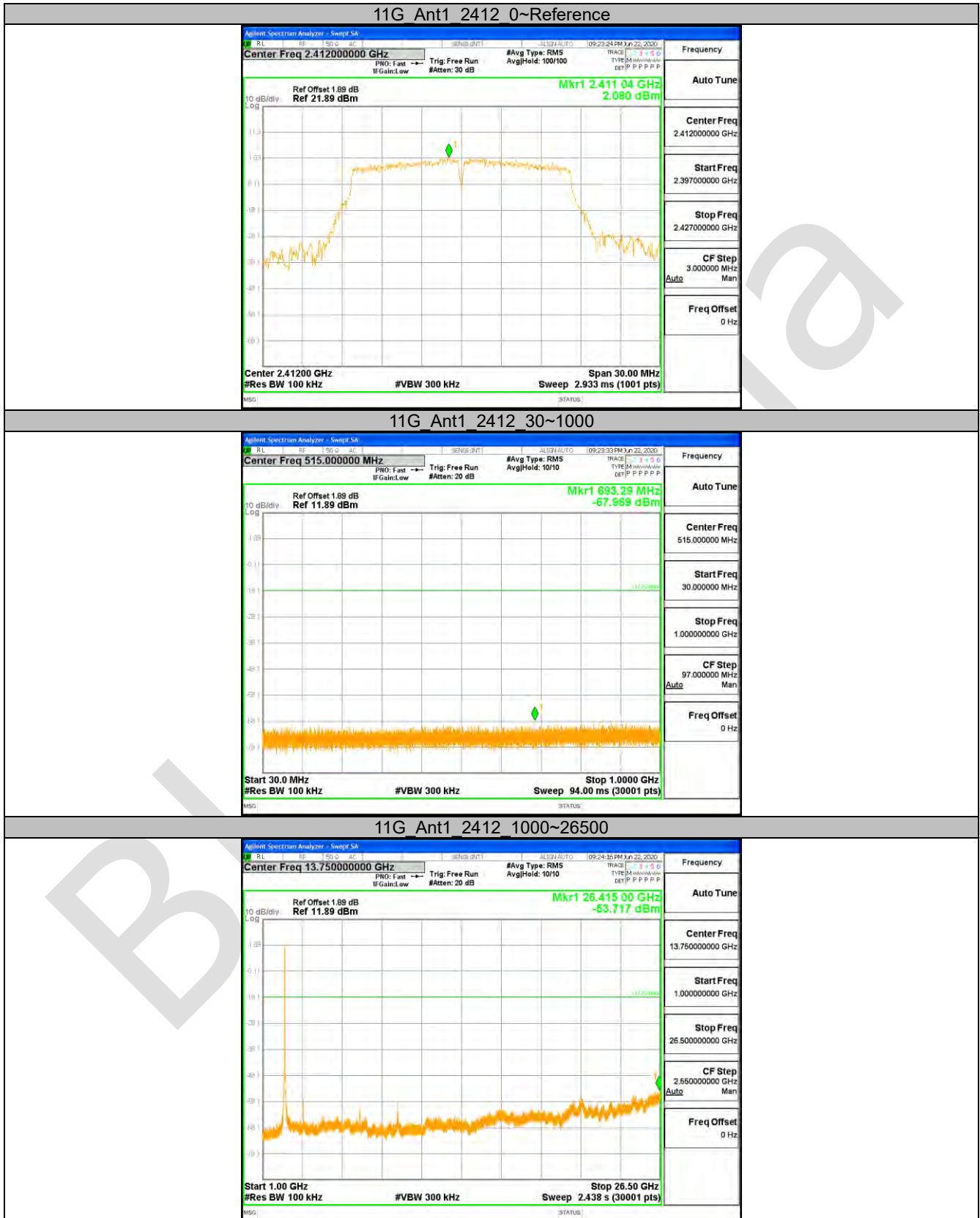
Test Graphs

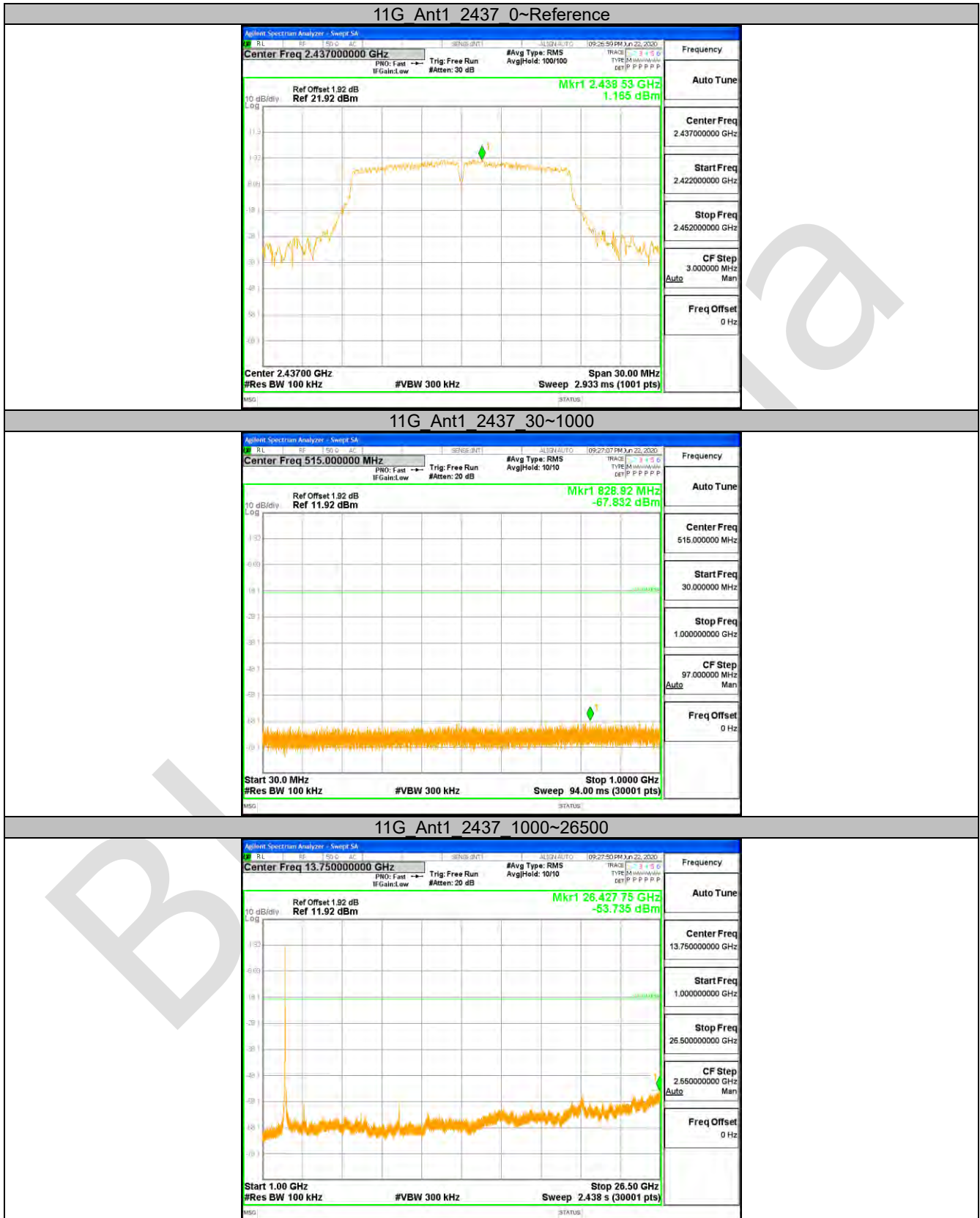


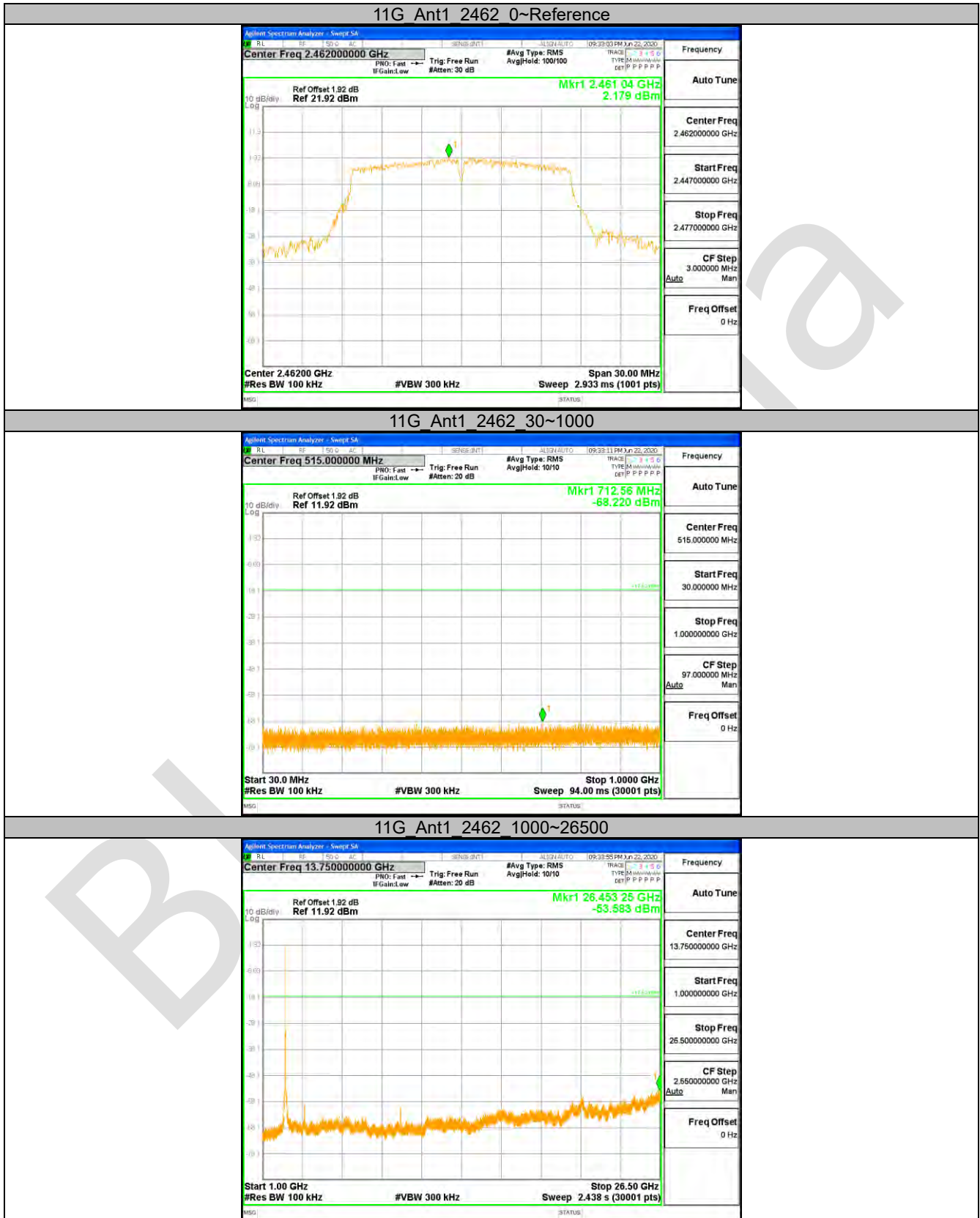








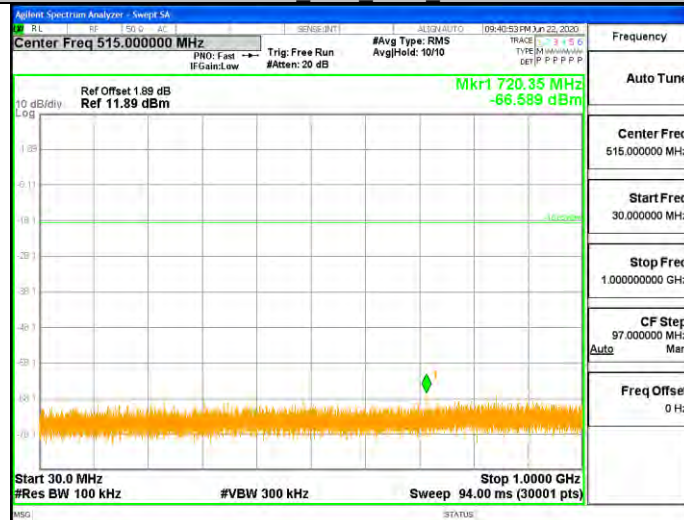




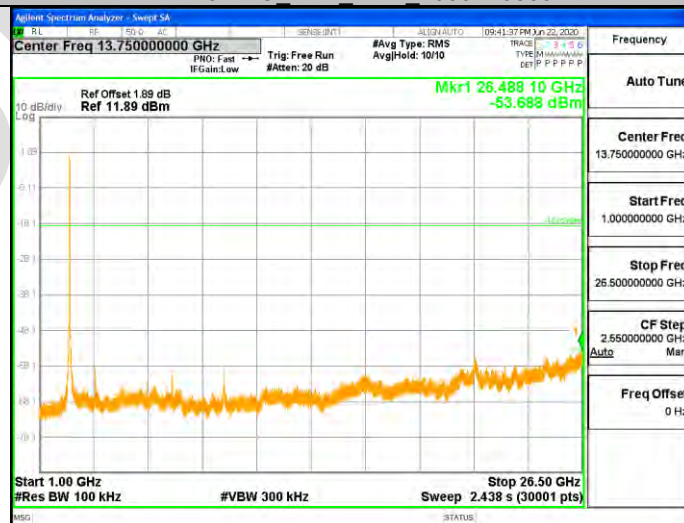
11N20SISO Ant1 2412 0~Reference



11N20SISO Ant1 2412 30~1000



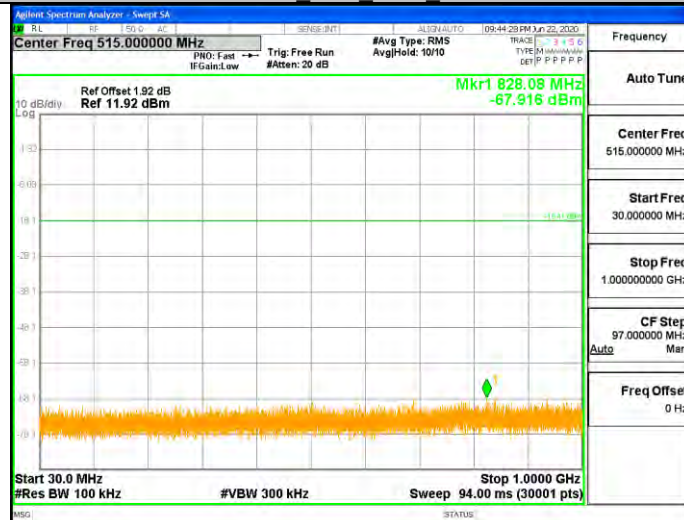
11N20SISO Ant1 2412 1000~26500



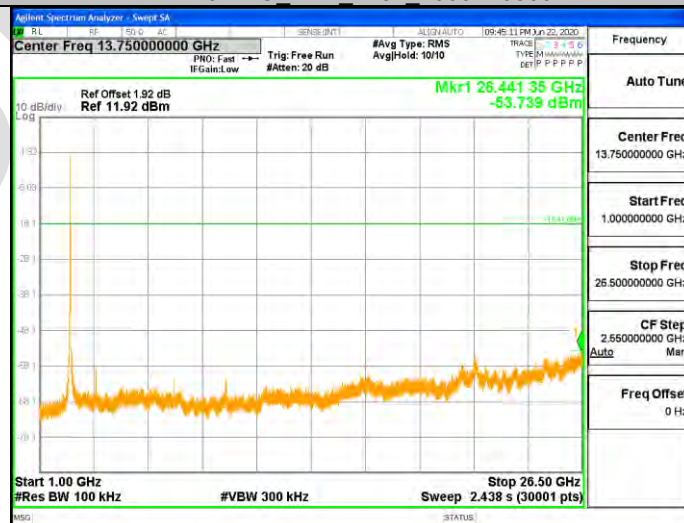
11N20SISO Ant1 2437 0~Reference



11N20SISO Ant1 2437 30~1000



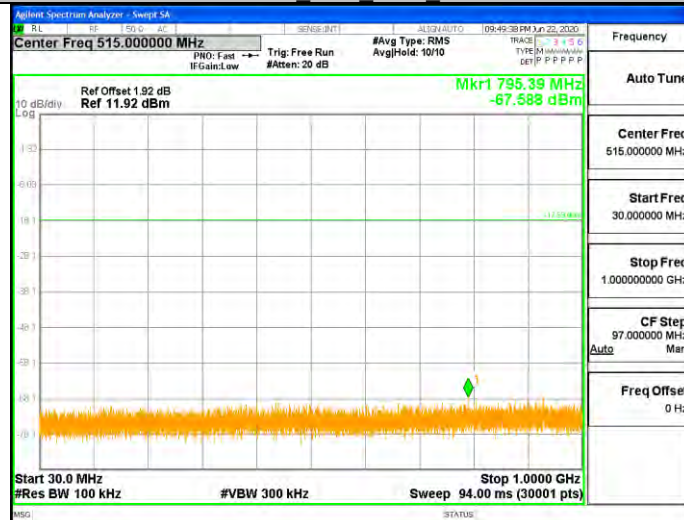
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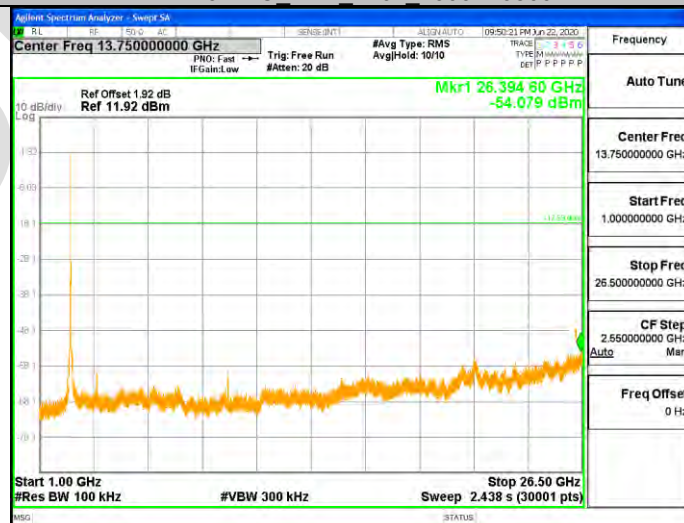
11N20SISO Ant1 2462 0~Reference



11N20SISO Ant1 2462 30~1000



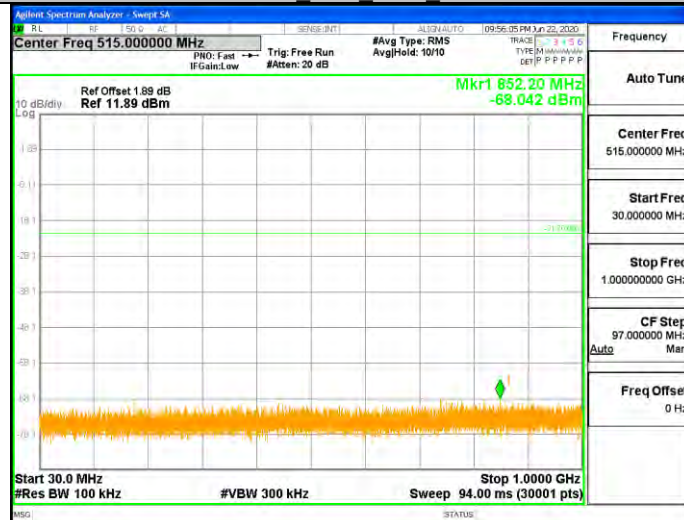
11N20SISO Ant1 2462 1000~26500



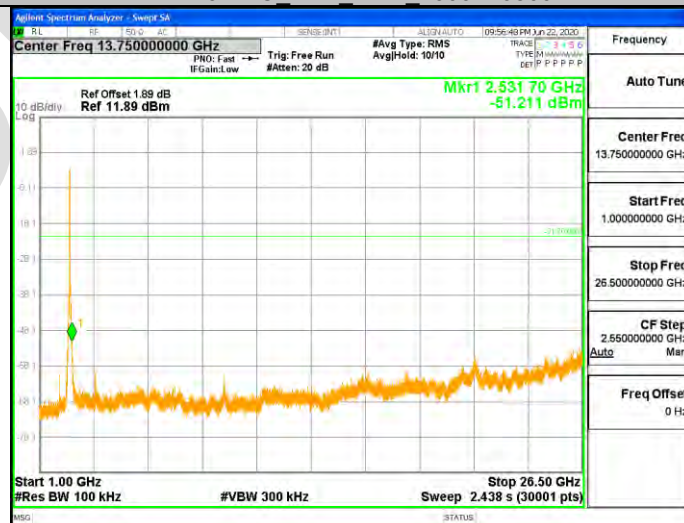
11N40SISO Ant1 2422 0~Reference



11N40SISO Ant1 2422 30~1000



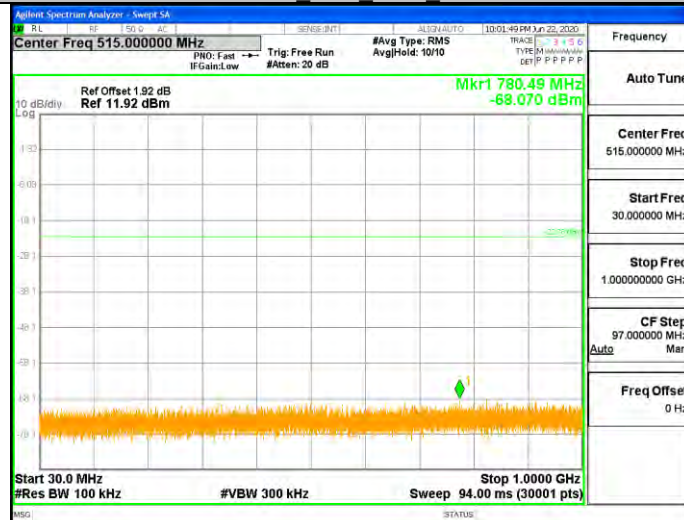
11N40SISO Ant1 2422 1000~26500



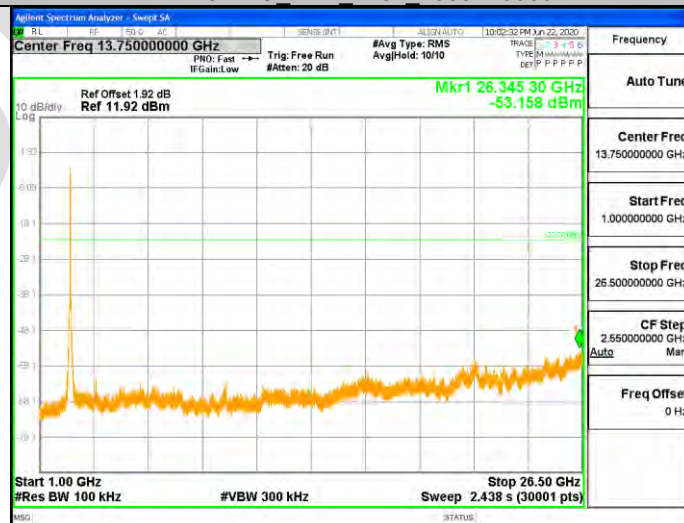
11N40SISO Ant1 2437 0~Reference



11N40SISO Ant1 2437 30~1000



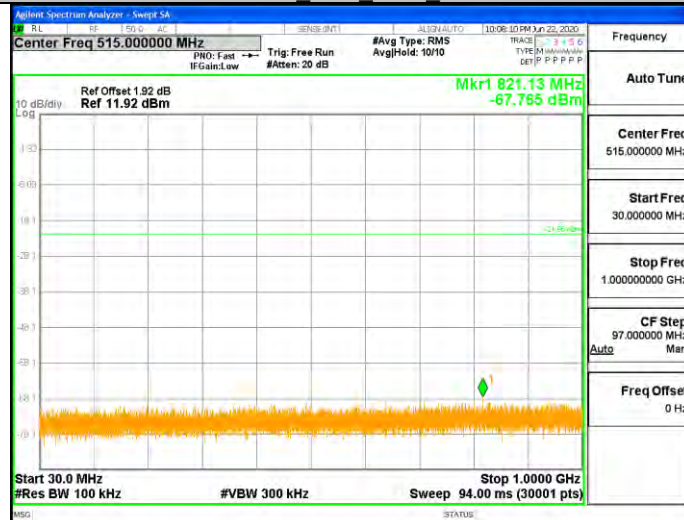
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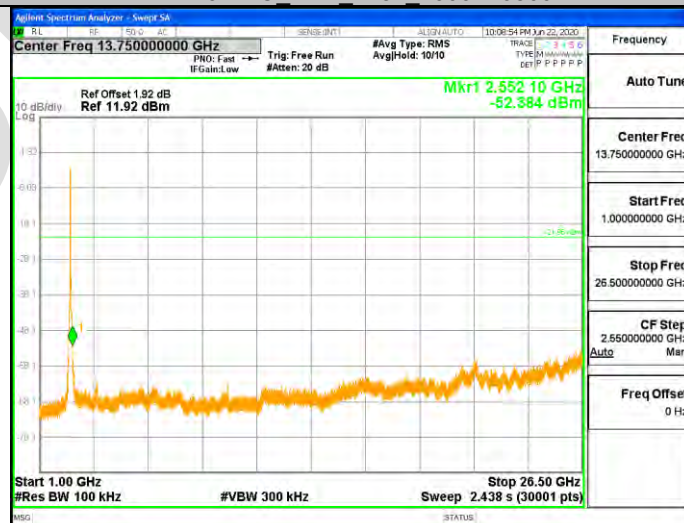
11N40SISO Ant1 2452 0~Reference



11N40SISO Ant1 2452 30~1000



11N40SISO Ant1 2452 1000~26500



----END OF REPORT----

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