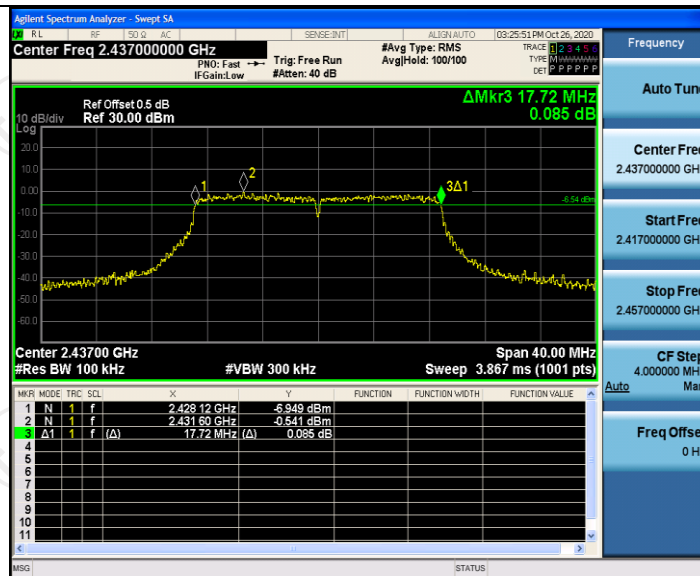
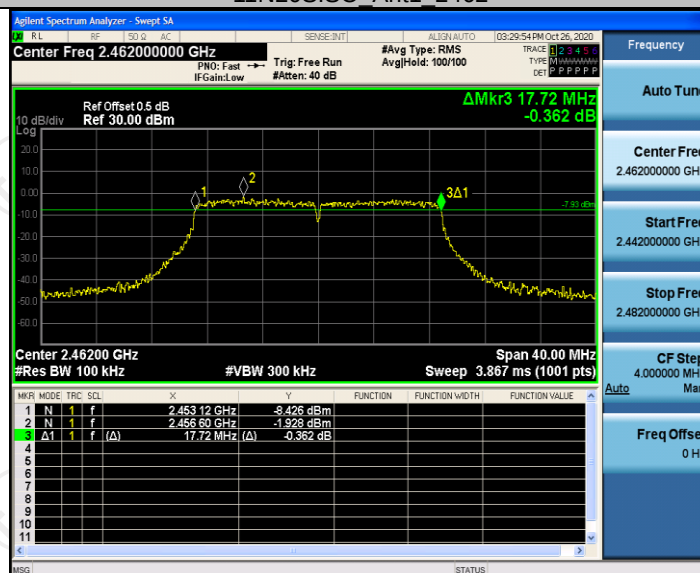
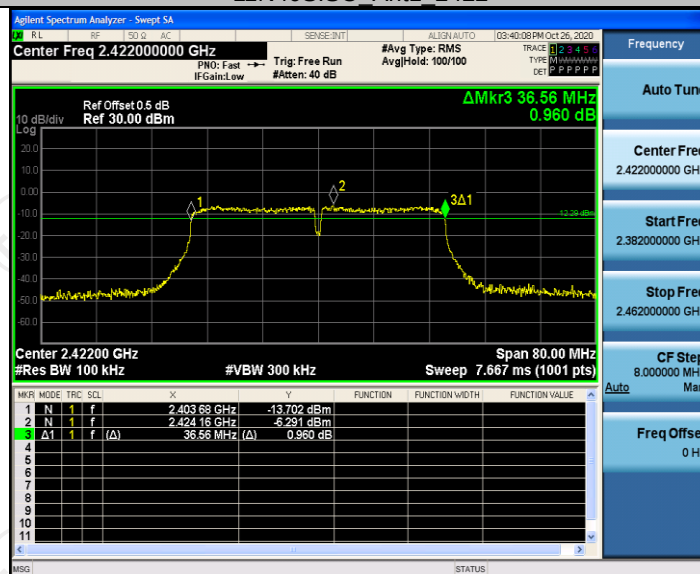




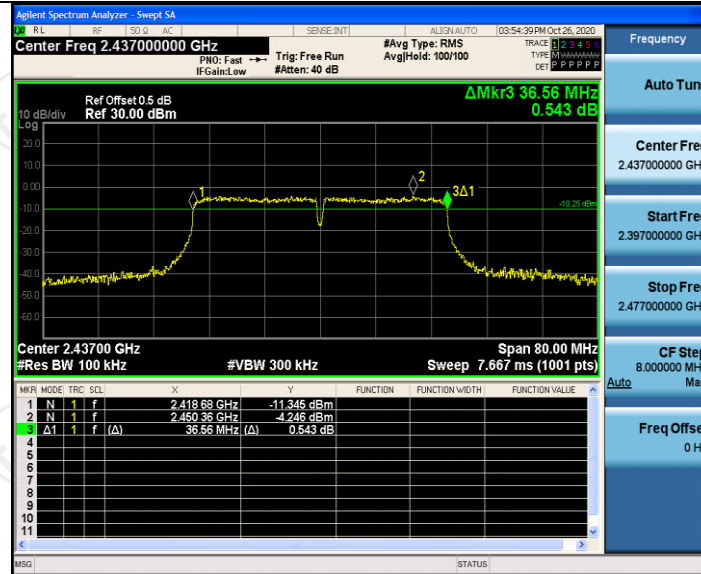
11N20SISO Ant1 2462



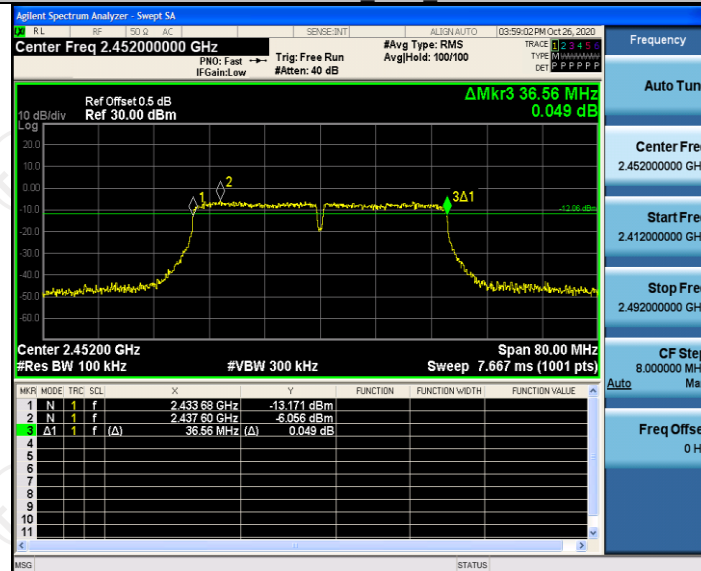
11N40SISO Ant1 2422



11N40SISO Ant1 2437



11N40SISO_Ant1_2452

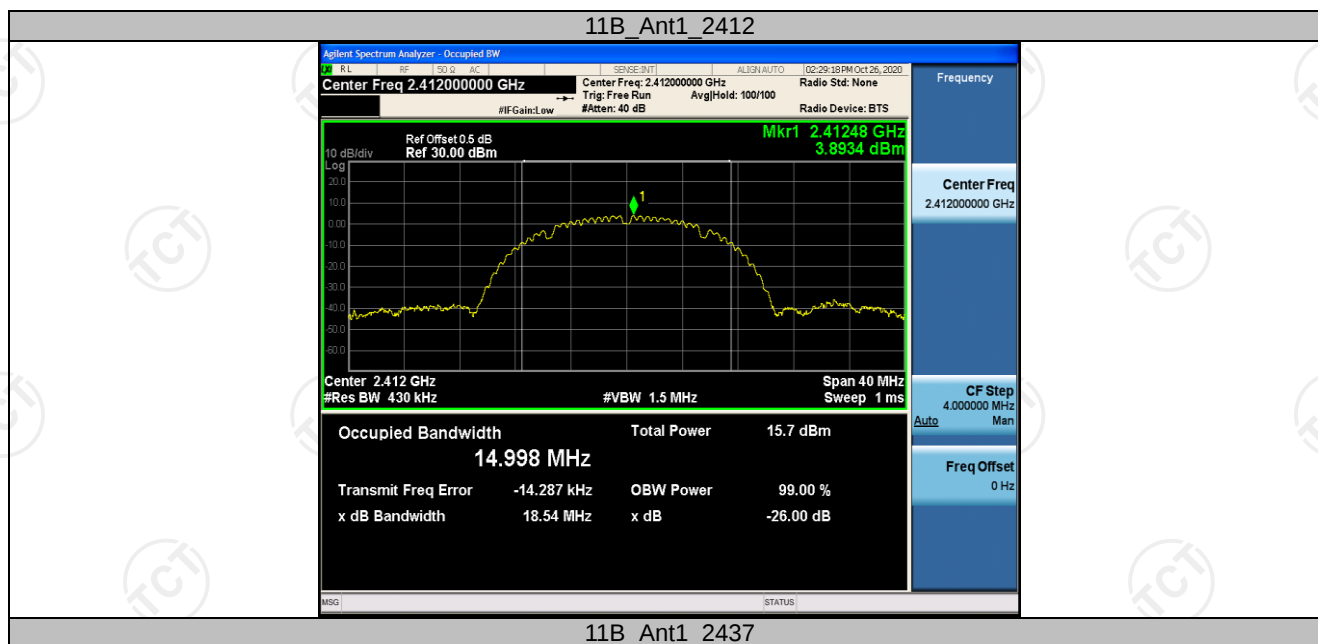


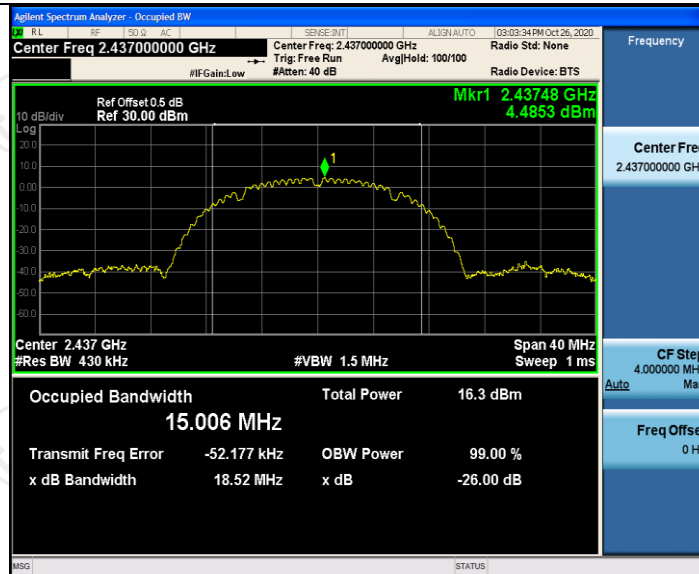
Occupied Channel Bandwidth

Test Result

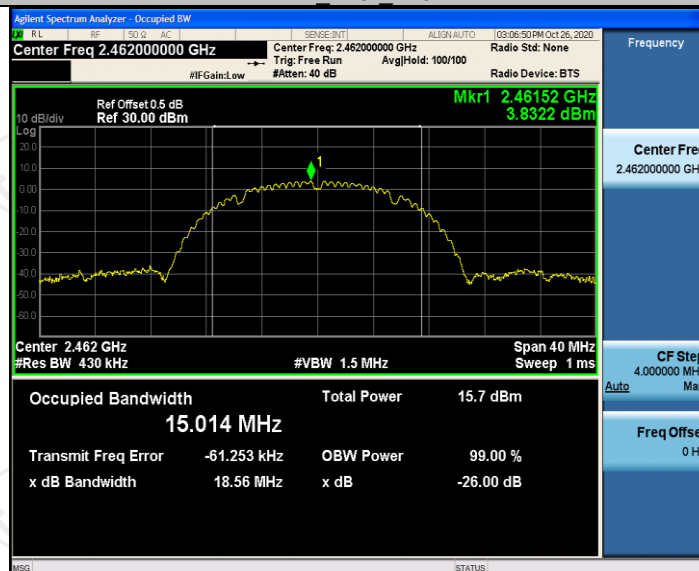
Test Mode	Channel	OCB [MHz]	FL [MHz]	FH [MHz]	Limit[MHz]	Verdict
11B	2412	14.998	2404.487	2419.485	---	PASS
	2437	15.006	2429.445	2444.451	---	PASS
	2462	15.014	2454.432	2469.446	---	PASS
11G	2412	16.953	2403.464	2420.417	---	PASS
	2437	16.972	2428.415	2445.387	---	PASS
	2462	16.956	2453.430	2470.386	---	PASS
11N20SISO	2412	17.906	2403.023	2420.929	---	PASS
	2437	17.912	2428.007	2445.919	---	PASS
	2462	17.899	2453.012	2470.911	---	PASS
11N40SISO	2422	36.340	2403.856	2440.196	---	PASS
	2437	36.383	2418.770	2455.153	---	PASS
	2452	36.377	2433.798	2470.175	---	PASS

Test Graphs

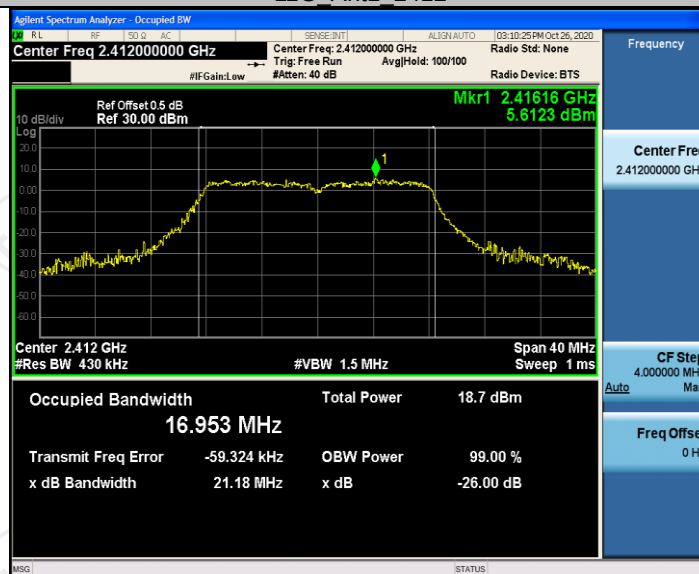




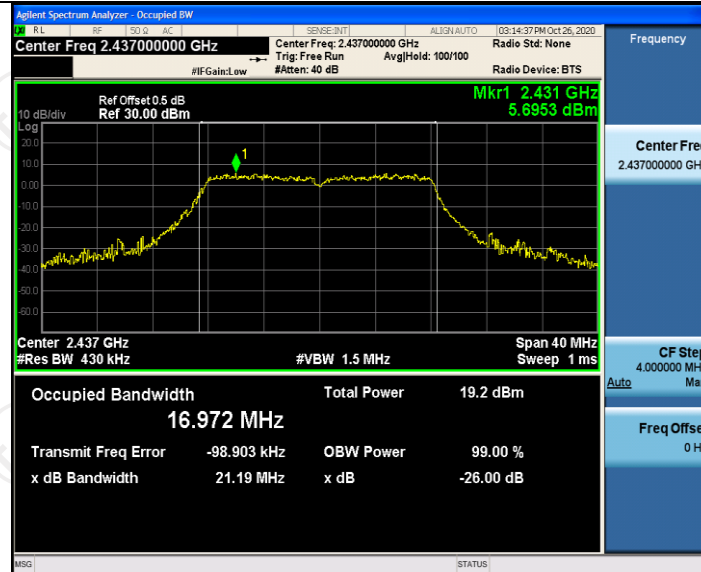
11B Ant1 2462



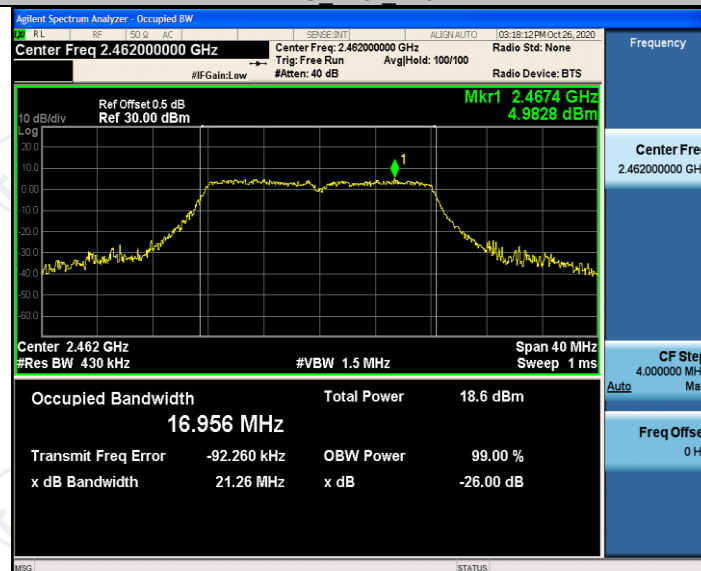
11G Ant1 2412



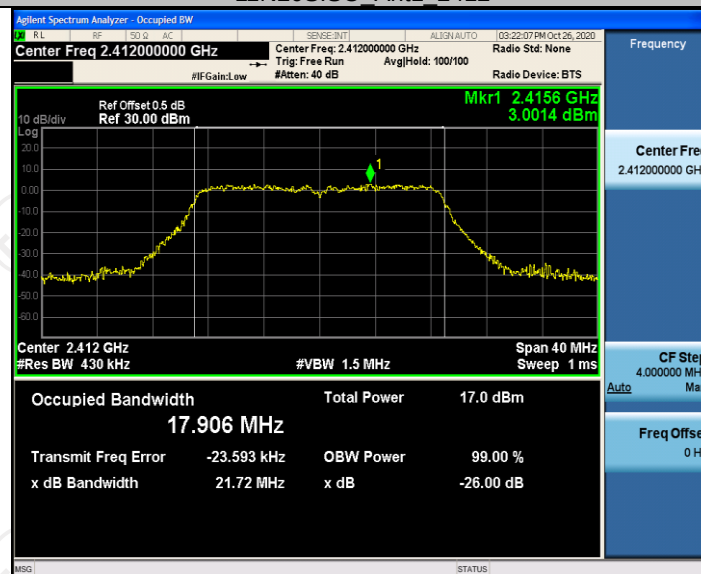
11G Ant1 2437



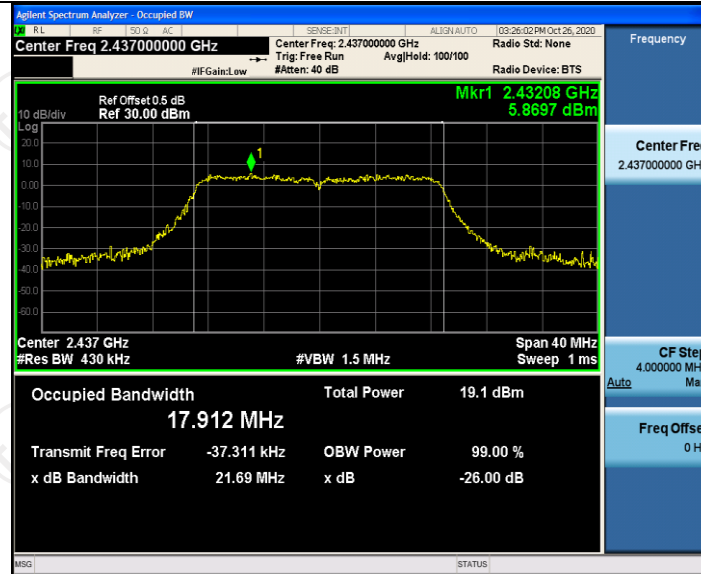
11G Ant1 2462



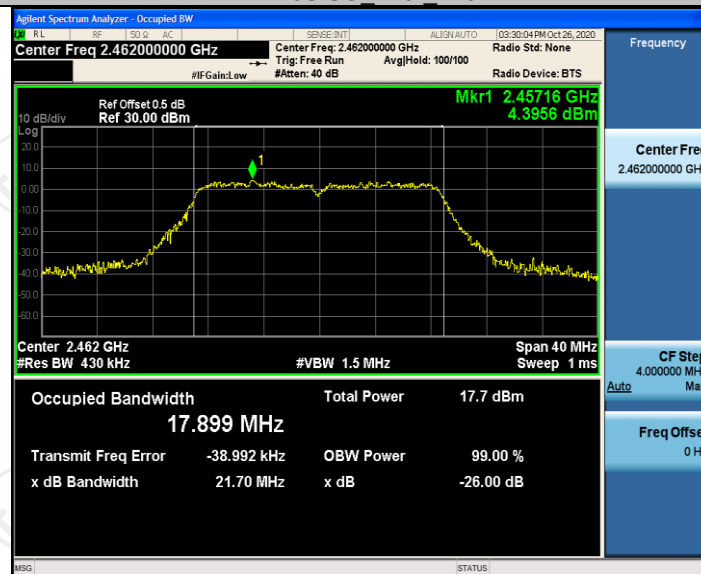
11N20SISO Ant1 2412



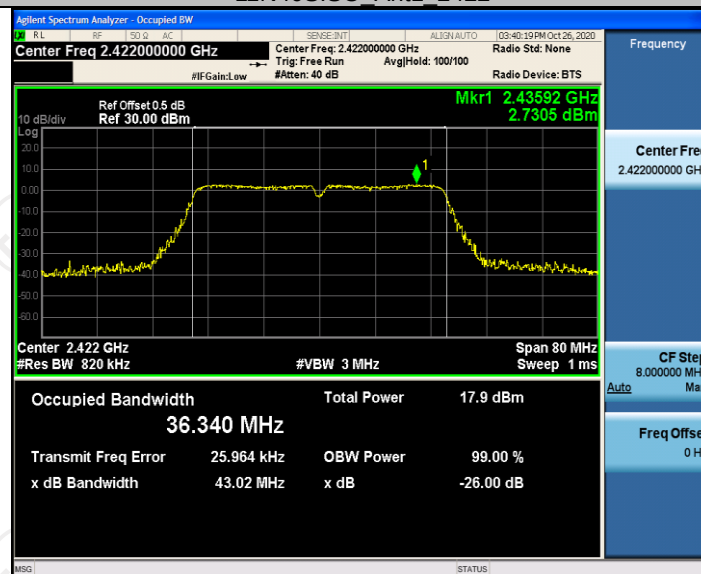
11N20SISO Ant1 2437



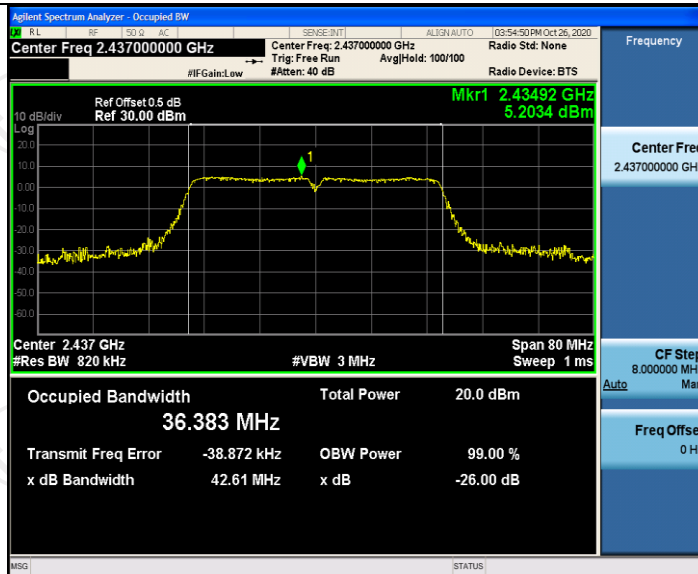
11N20SISO_Ant1_2462



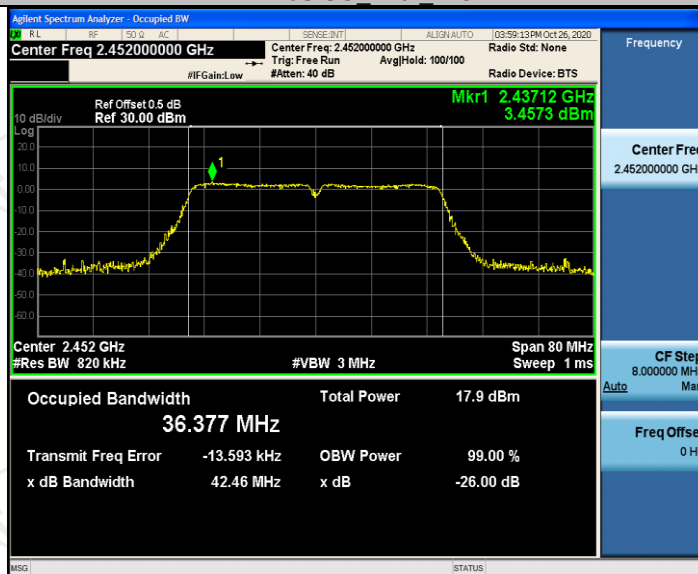
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

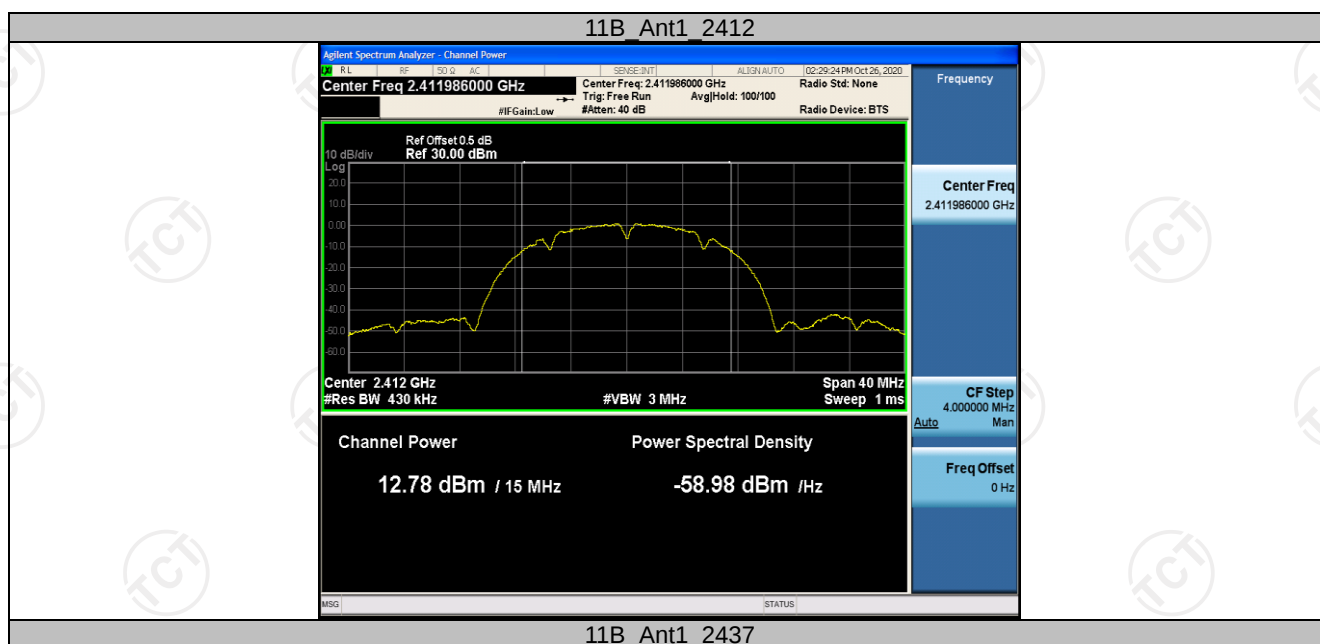


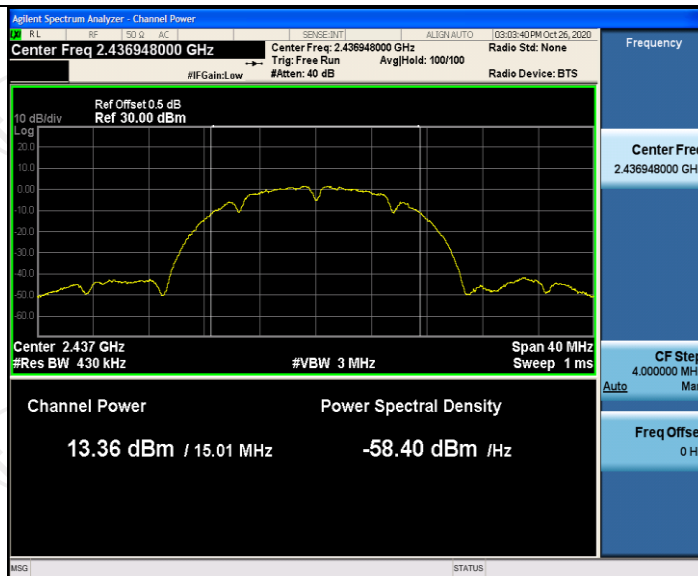
Maximum conducted output power

Test Result

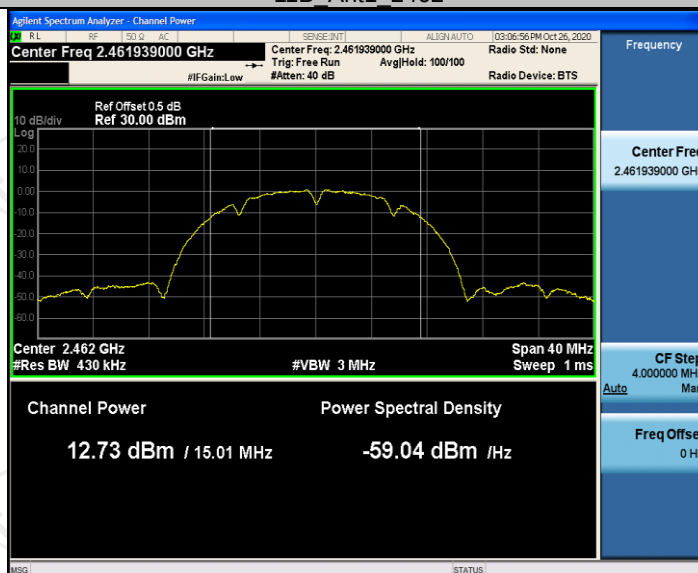
Test Mode	Channel	Result [dBm]	Limit [dBm]	Verdict
11B	2412	12.78	<=30	PASS
	2437	13.36	<=30	PASS
	2462	12.73	<=30	PASS
11G	2412	12.70	<=30	PASS
	2437	13.06	<=30	PASS
	2462	12.53	<=30	PASS
11N20SISO	2412	10.85	<=30	PASS
	2437	12.94	<=30	PASS
	2462	11.54	<=30	PASS
11N40SISO	2422	11.03	<=30	PASS
	2437	13.12	<=30	PASS
	2452	11.10	<=30	PASS

Test Graphs

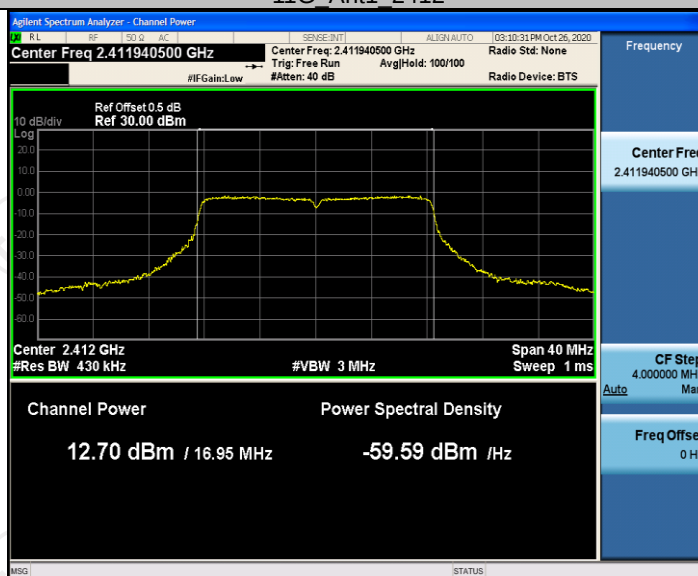




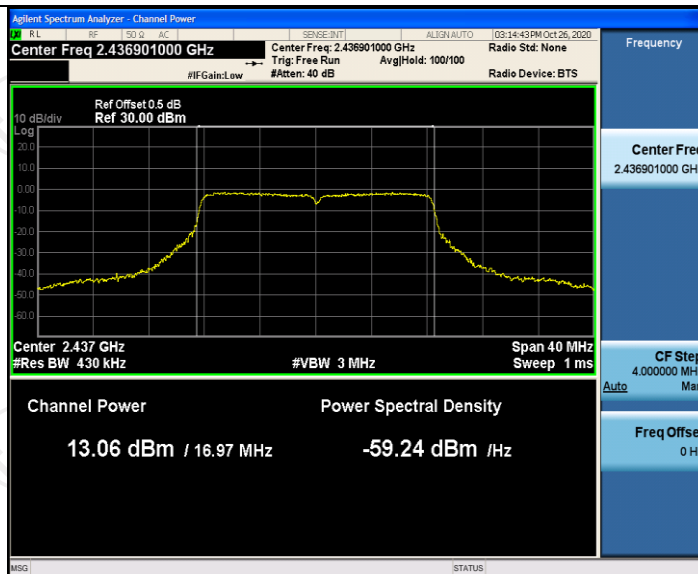
11B_Ant1_2462



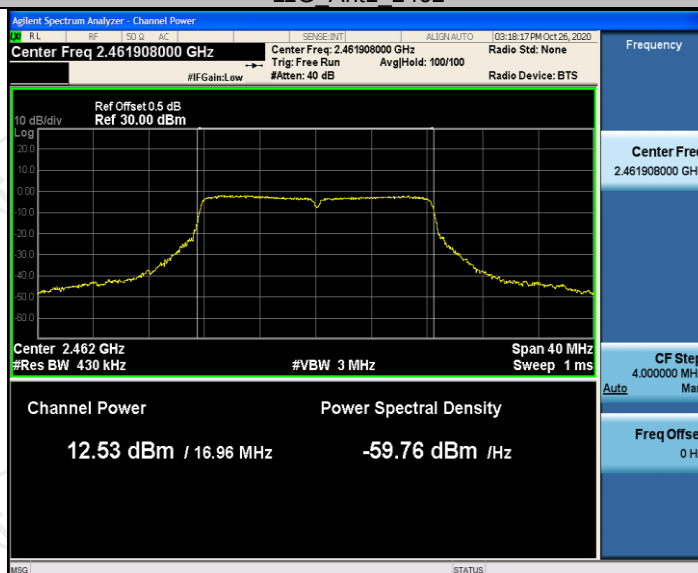
11G_Ant1_2412



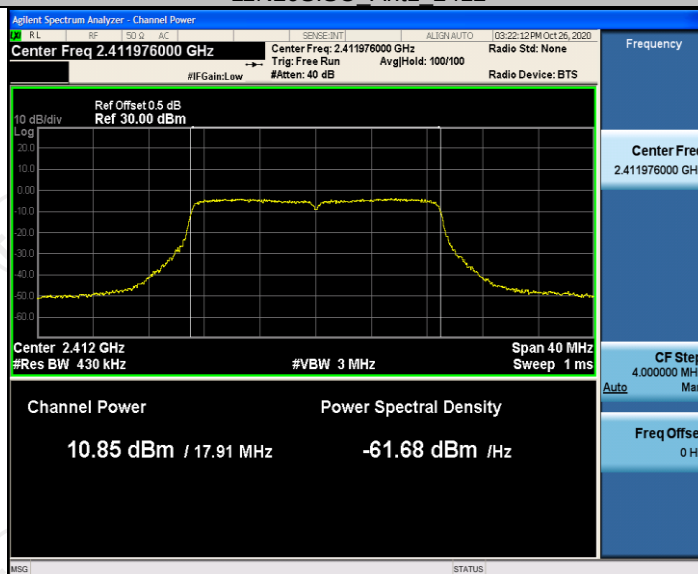
11G_Ant1_2437



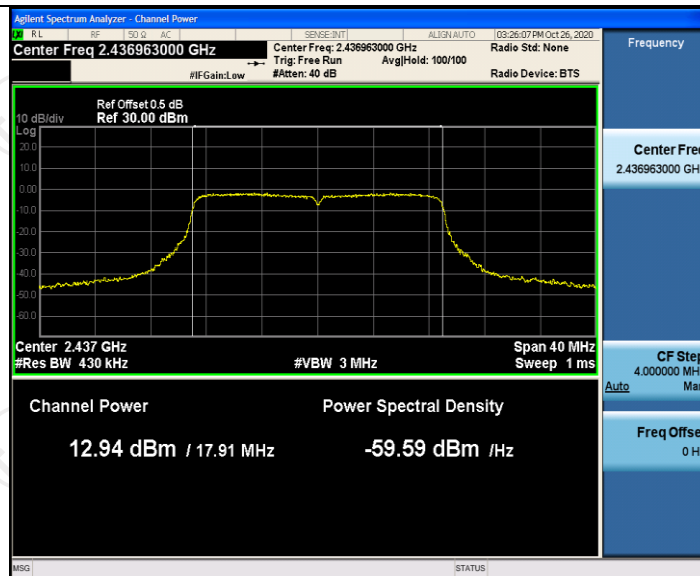
11G Ant1_2462



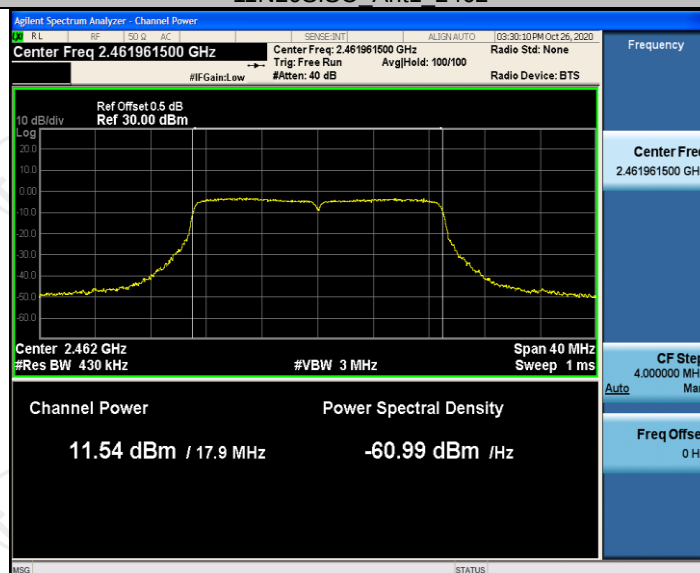
11N20SISO Ant1_2412



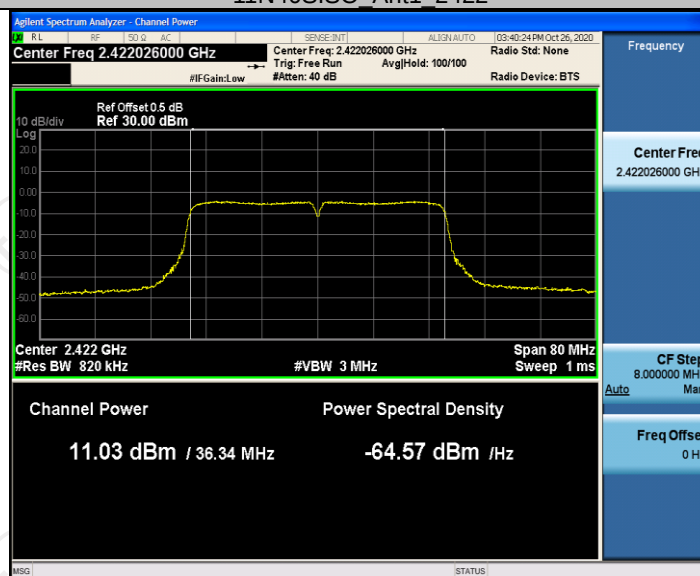
11N20SISO Ant1_2437



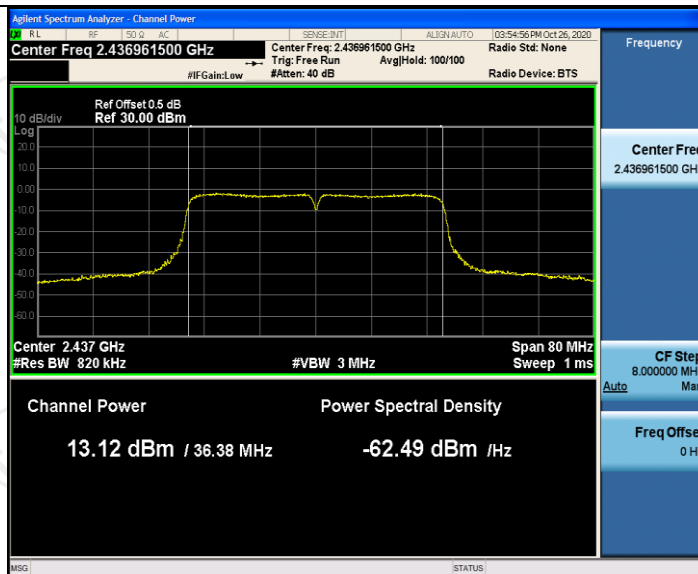
11N20SISO_Ant1_2462



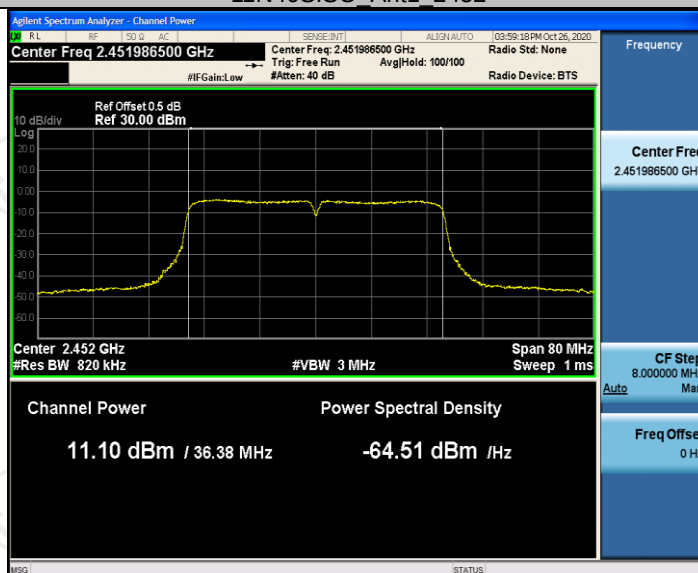
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Maximum power spectral density

Test Result

Test Mode	Channel	Result[dBm/10kHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	2412	-14.82	-20.05	<=8	PASS
	2437	-14.08	-19.31	<=8	PASS
	2462	-13.96	-19.19	<=8	PASS
11G	2412	-15.52	-20.75	<=8	PASS
	2437	-15.11	-20.34	<=8	PASS
	2462	-15.25	-20.48	<=8	PASS
11N20SISO	2412	-17.20	-22.43	<=8	PASS
	2437	-15.83	-21.06	<=8	PASS
	2462	-17.16	-22.39	<=8	PASS
11N40SISO	2422	-20.71	-25.94	<=8	PASS
	2437	-18.48	-23.71	<=8	PASS
	2452	-20.37	-25.60	<=8	PASS

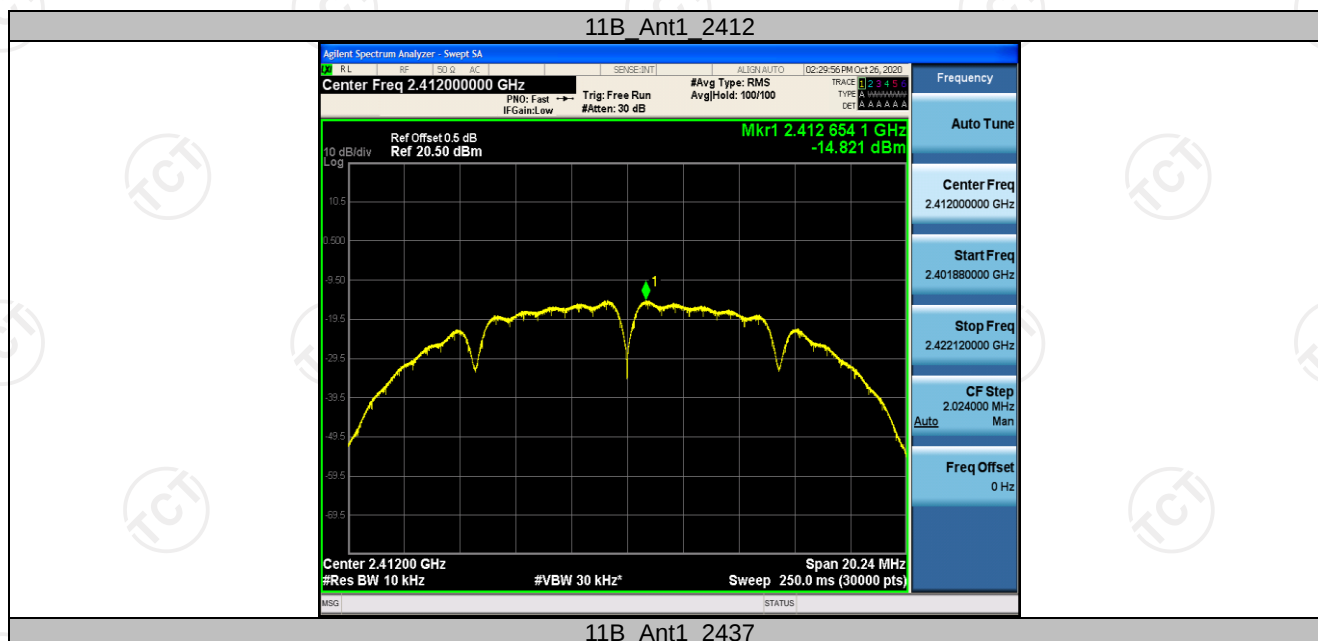
Note:

Compensate 10dB is for Exchange rate of RBW

Exchange rate of RBW = $10 \cdot \log_{10}(3\text{KHz} / \text{RBW at measurement}) \approx -5.23[\text{dB}]$

where Reference bandwidth = 10 KHz

Test Graphs

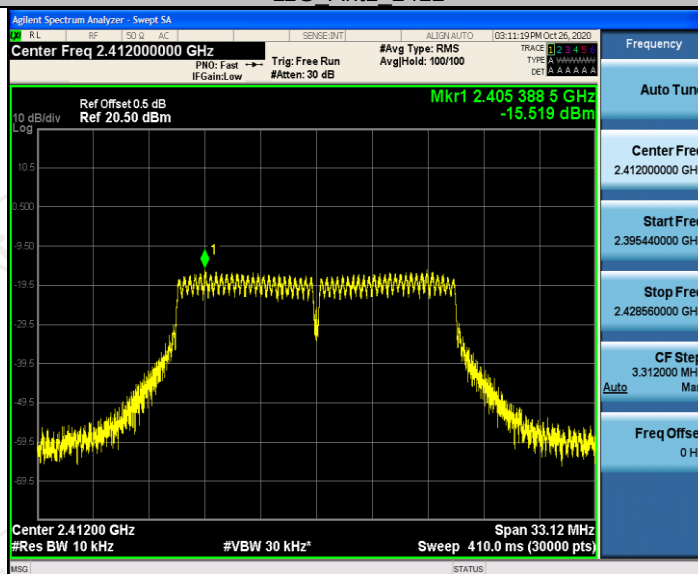




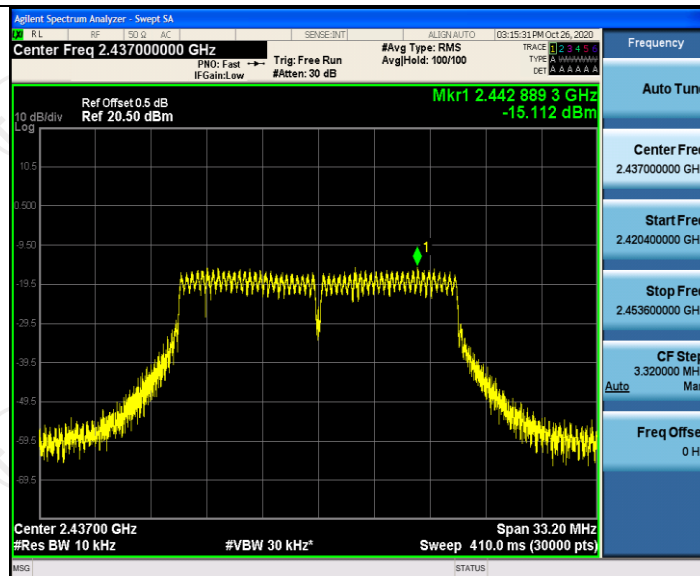
11B Ant1_2462



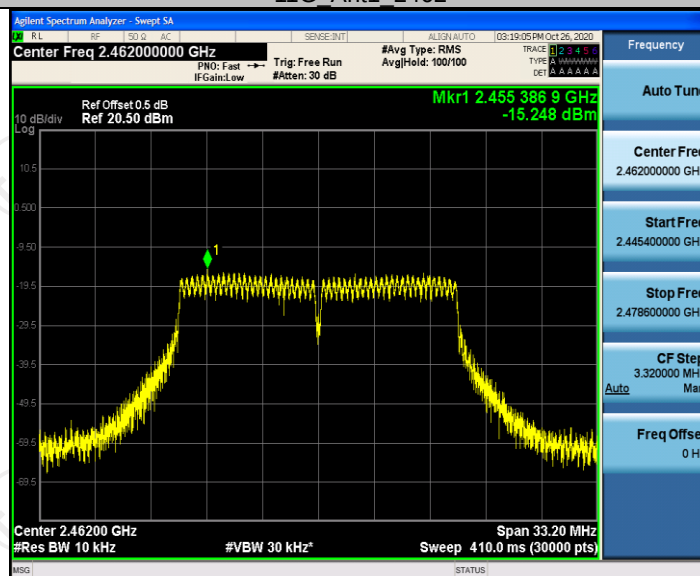
11G Ant1_2412



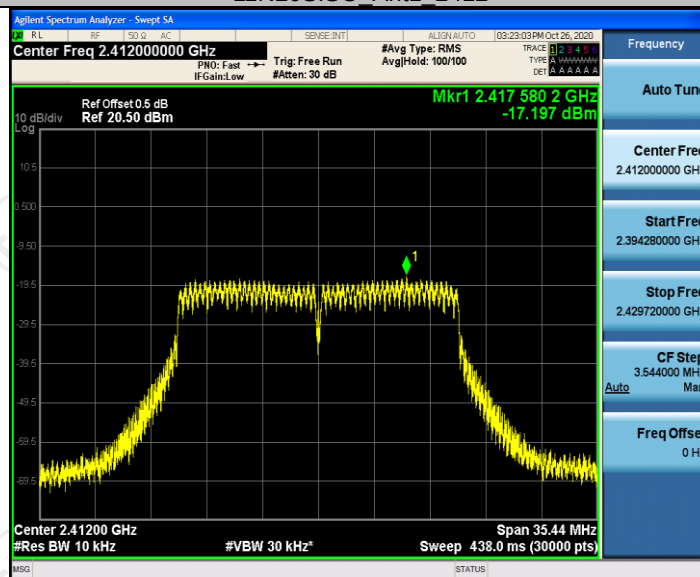
11G Ant1_2437



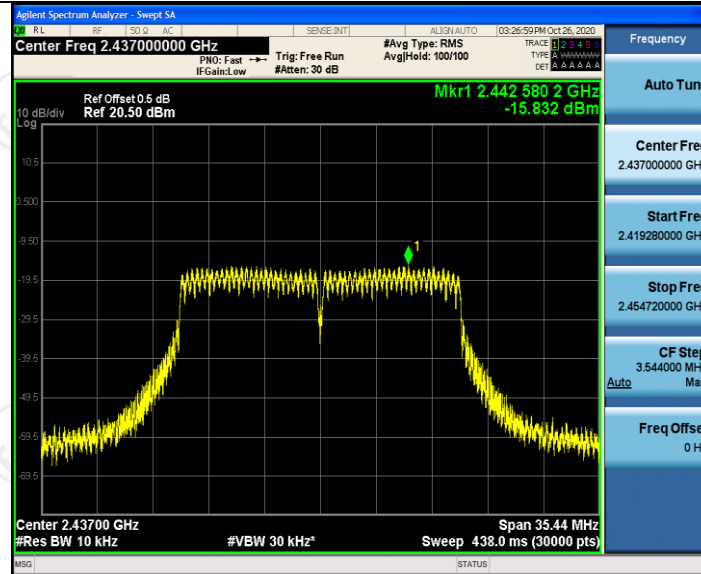
11G Ant1_2462



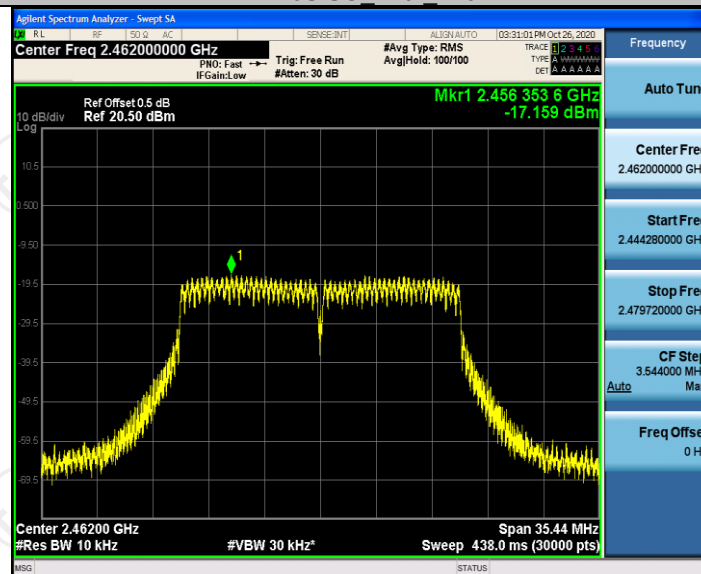
11N20SISO Ant1_2412



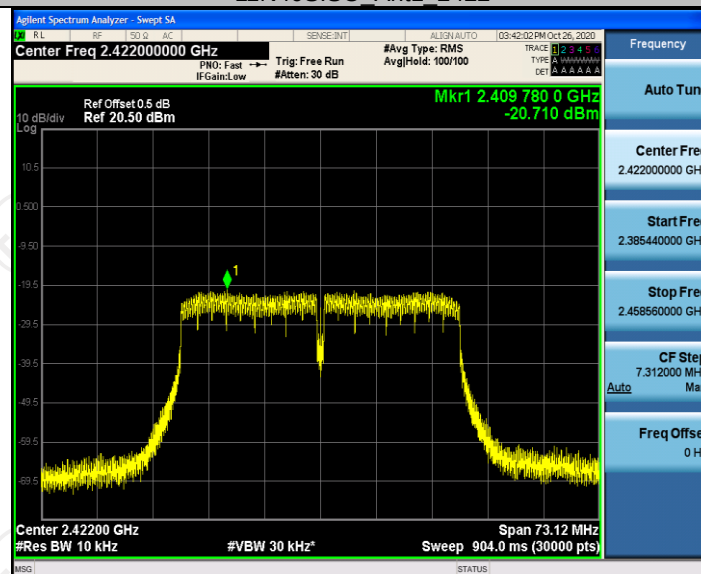
11N20SISO Ant1_2437



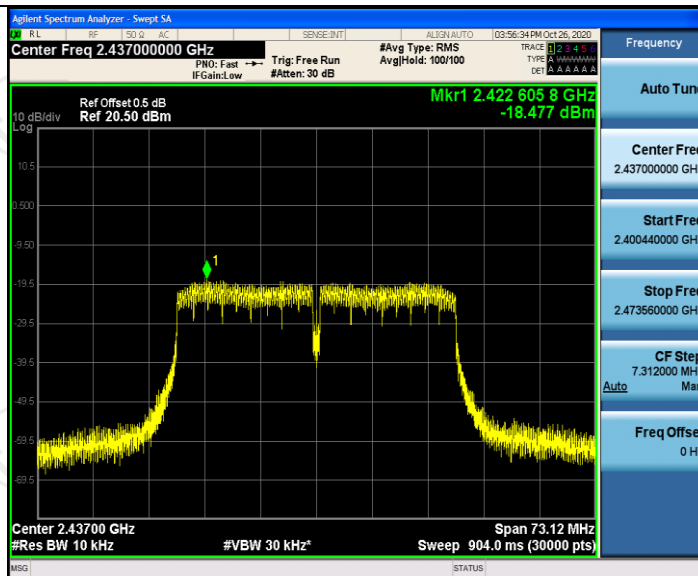
11N20SISO Ant1 2462



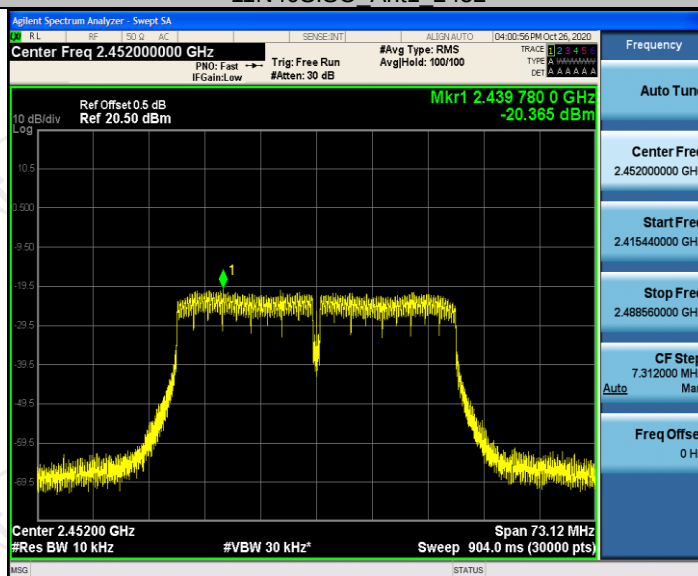
11N40SISO Ant1 2422



11N40SISO Ant1 2437



11N40SISO Ant1 2452

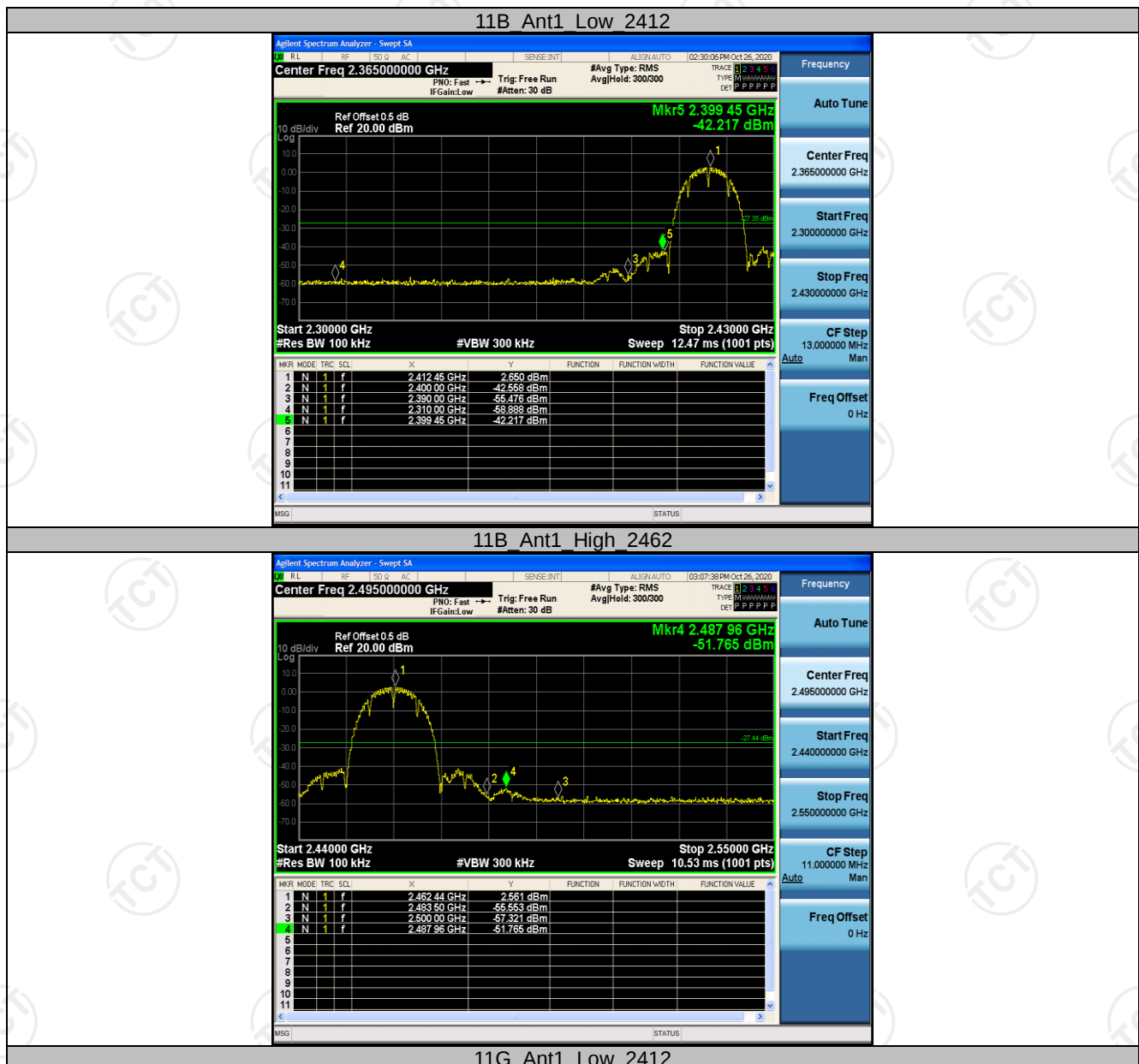


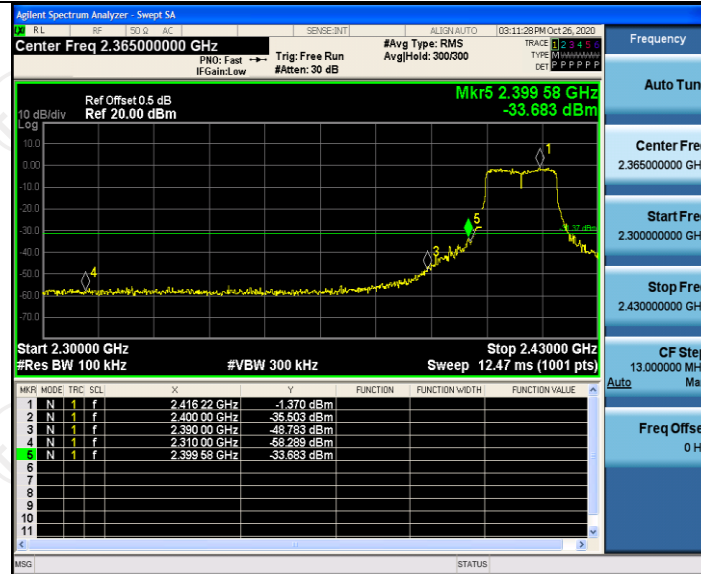
Band edge measurements

Test Result

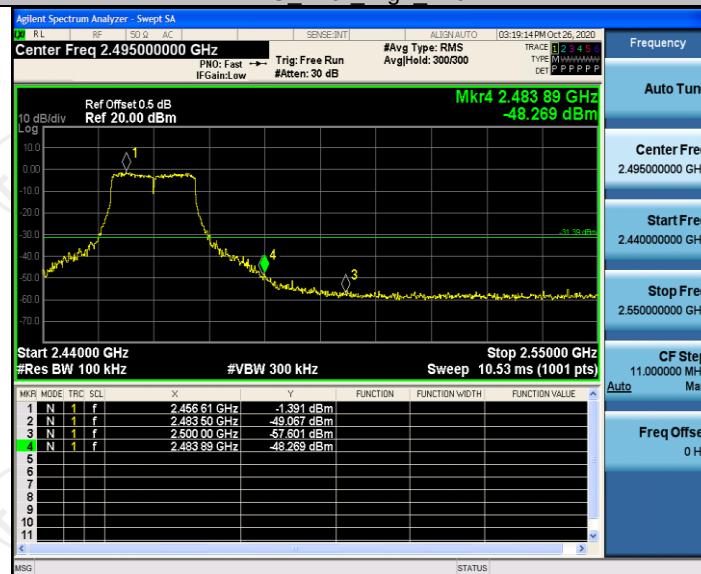
Test Mode	Ch Name	Channel	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Low	2412	2.65	-42.22	<=-27.35	PASS
	High	2462	2.56	-51.77	<=-27.44	PASS
11G	Low	2412	-1.37	-33.68	<=-31.37	PASS
	High	2462	-1.39	-48.27	<=-31.39	PASS
11N20SISO	Low	2412	-2.46	-39.10	<=-32.46	PASS
	High	2462	-2.14	-48.93	<=-32.14	PASS
11N40SISO	Low	2422	-6.35	-41.02	<=-36.35	PASS
	High	2452	-6.16	-45.22	<=-36.16	PASS

Test Graphs

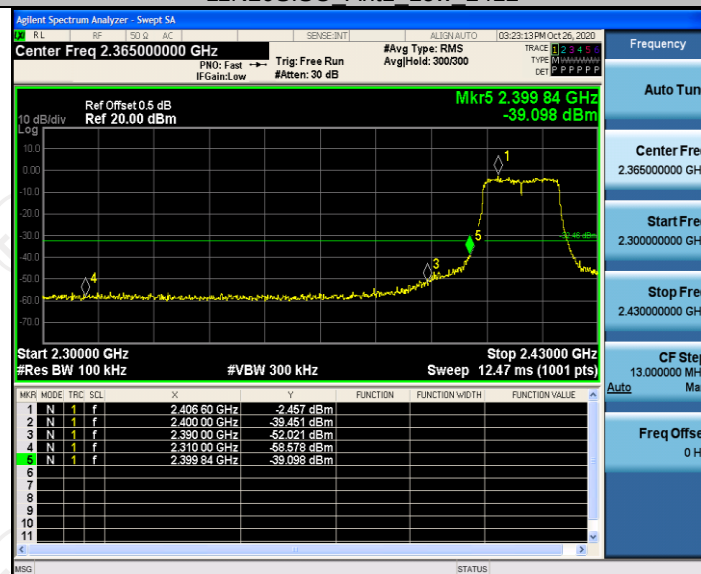




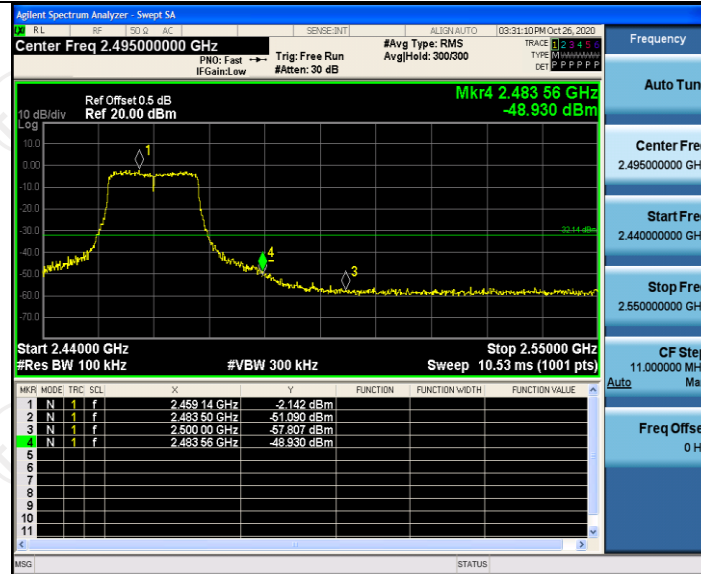
11G Ant1_High_2462



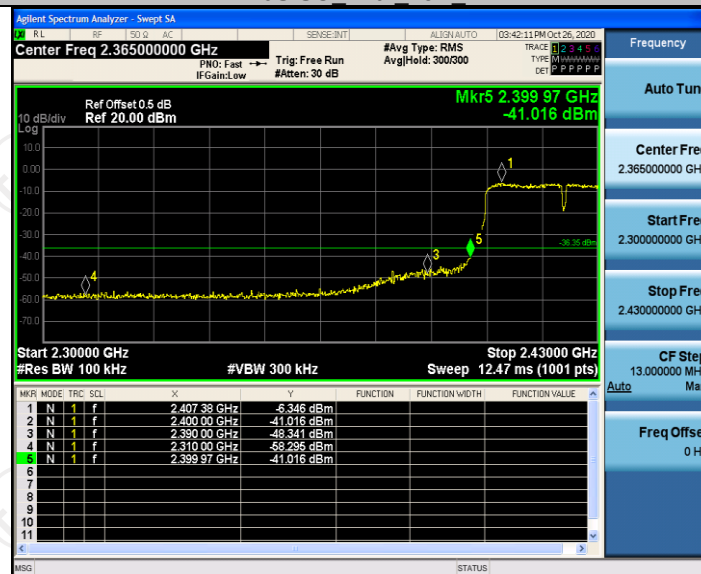
11N20SISO Ant1_Low_2412



11N20SISO Ant1_High_2462



11N40SISO Ant1 Low 2422



11N40SISO Ant1 High 2452



Conducted Spurious Emission

Test Result

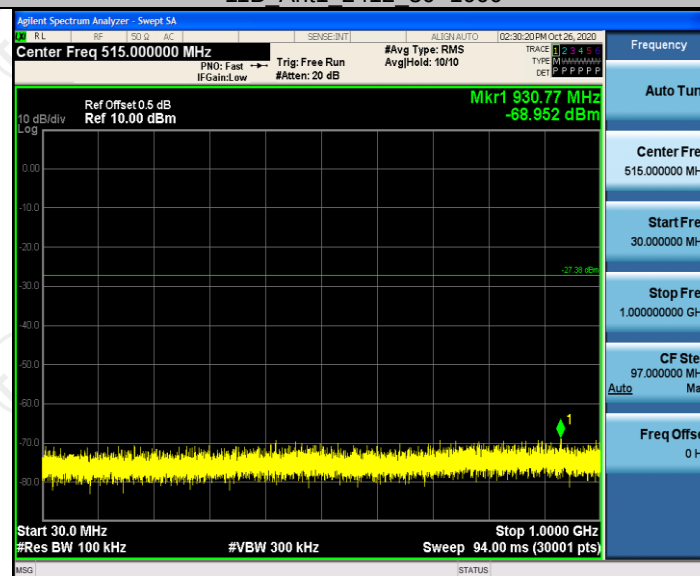
Test Mode	Channel	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	2412	Reference	2.62	2.62	---	PASS
		30~1000	30~1000	-68.952	<=-27.376	PASS
		1000~26500	1000~26500	-43.385	<=-27.376	PASS
	2437	Reference	3.19	3.19	---	PASS
		30~1000	30~1000	-68.813	<=-26.806	PASS
		1000~26500	1000~26500	-43.749	<=-26.806	PASS
	2462	Reference	2.56	2.56	---	PASS
		30~1000	30~1000	-68.882	<=-27.439	PASS
		1000~26500	1000~26500	-43.676	<=-27.439	PASS
11G	2412	Reference	-1.35	-1.35	---	PASS
		30~1000	30~1000	-68.684	<=-31.345	PASS
		1000~26500	1000~26500	-41.341	<=-31.345	PASS
	2437	Reference	-0.93	-0.93	---	PASS
		30~1000	30~1000	-67.669	<=-30.928	PASS
		1000~26500	1000~26500	-43.616	<=-30.928	PASS
	2462	Reference	-1.34	-1.34	---	PASS
		30~1000	30~1000	-68.568	<=-31.338	PASS
		1000~26500	1000~26500	-43.467	<=-31.338	PASS
11N20SISO	2412	Reference	-3.19	-3.19	---	PASS
		30~1000	30~1000	-69.392	<=-33.186	PASS
		1000~26500	1000~26500	-42.248	<=-33.186	PASS
	2437	Reference	-0.38	-0.38	---	PASS
		30~1000	30~1000	-67.771	<=-30.38	PASS
		1000~26500	1000~26500	-42.846	<=-30.38	PASS
	2462	Reference	-2.01	-2.01	---	PASS
		30~1000	30~1000	-69.62	<=-32.006	PASS
		1000~26500	1000~26500	-43.249	<=-32.006	PASS
11N40SISO	2422	Reference	-5.99	-5.99	---	PASS
		30~1000	30~1000	-69.275	<=-35.993	PASS
		1000~26500	1000~26500	-42.667	<=-35.993	PASS
	2437	Reference	-4.00	-4.00	---	PASS
		30~1000	30~1000	-69.413	<=-34	PASS
		1000~26500	1000~26500	-42.791	<=-34	PASS
	2452	Reference	-6.05	-6.05	---	PASS
		30~1000	30~1000	-68.459	<=-36.053	PASS
		1000~26500	1000~26500	-42.837	<=-36.053	PASS

Test Graphs

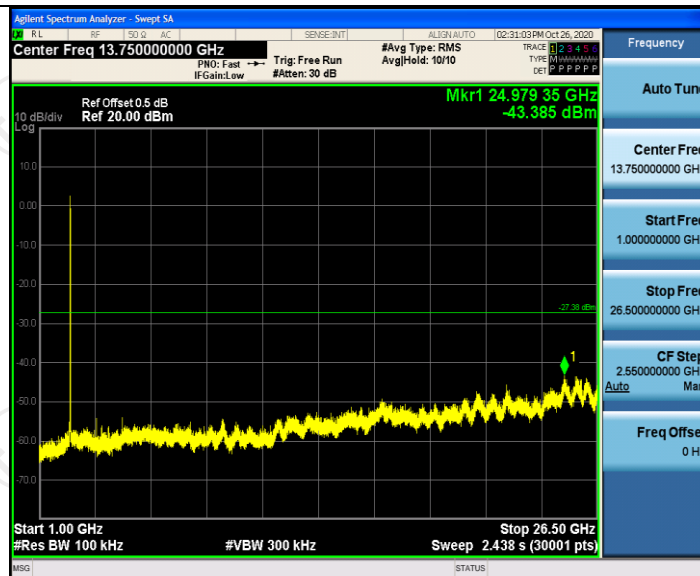
11B_Ant1_2412_0-Reference



11B_Ant1_2412_30-1000



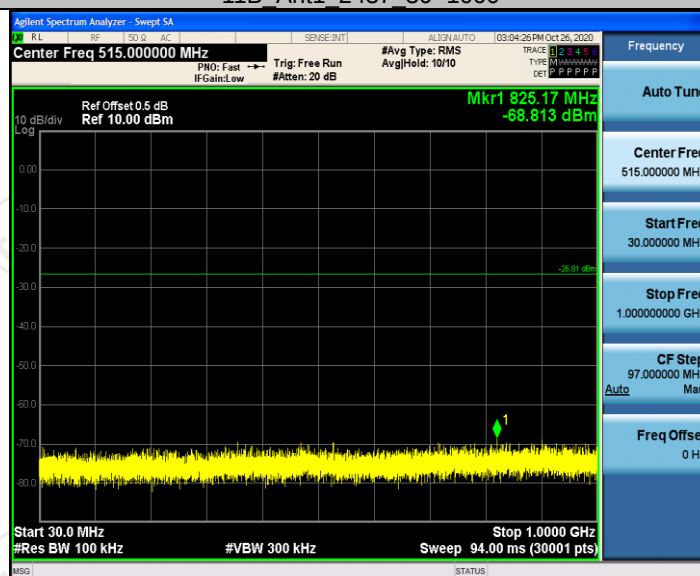
11B_Ant1_2412_1000-26500



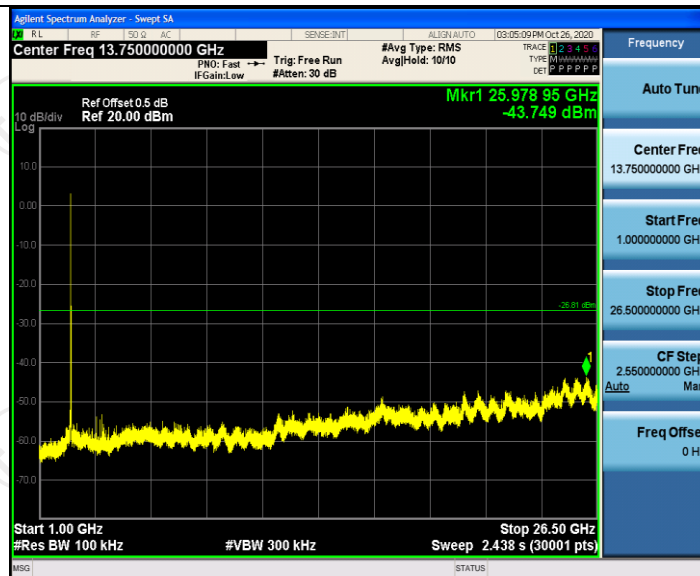
11B_Ant1_2437_0-Reference



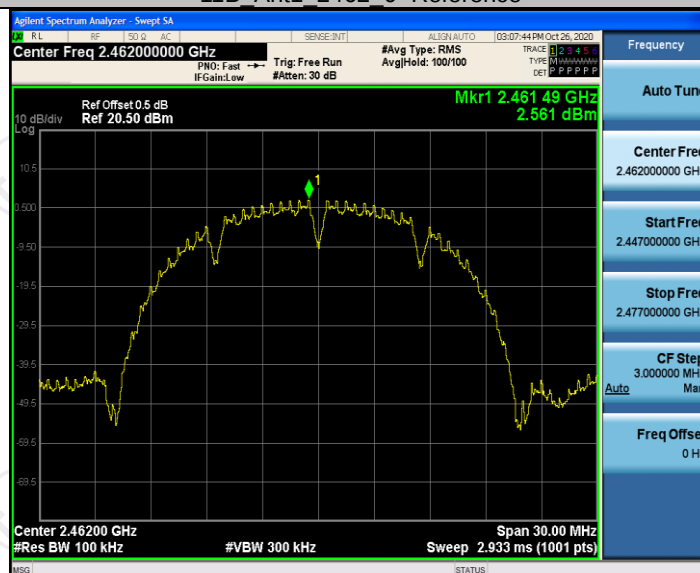
11B_Ant1_2437_30~1000



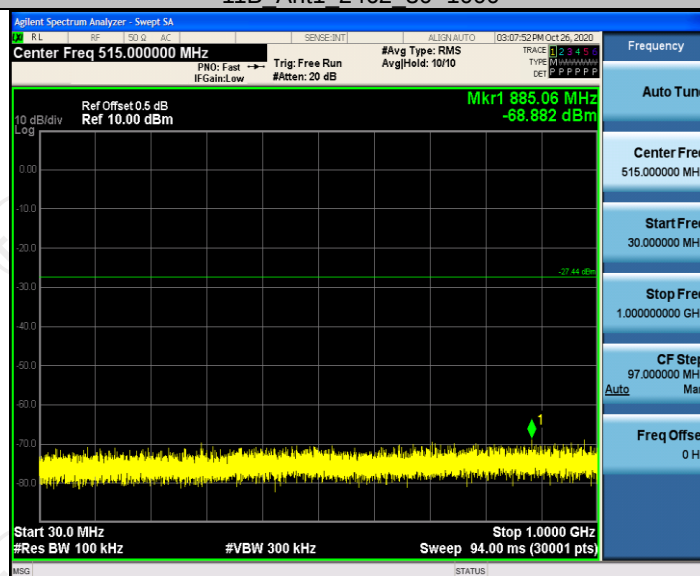
11B_Ant1_2437_1000~26500



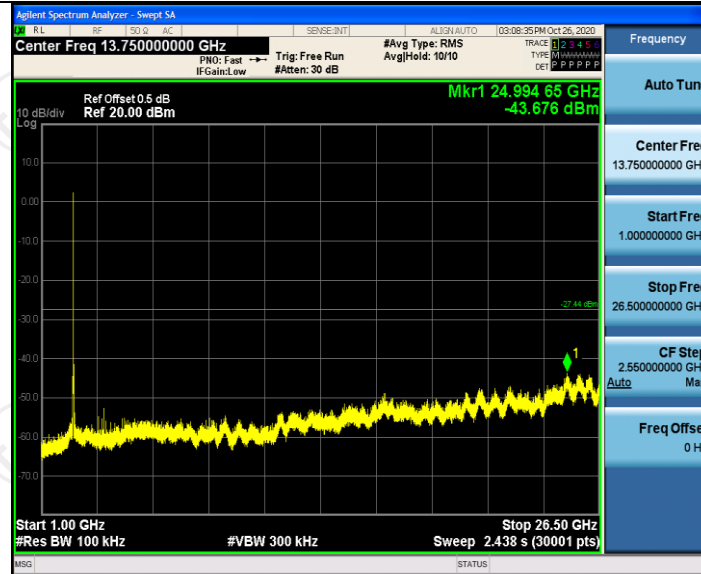
11B_Ant1_2462_0-Reference



11B_Ant1_2462_30~1000



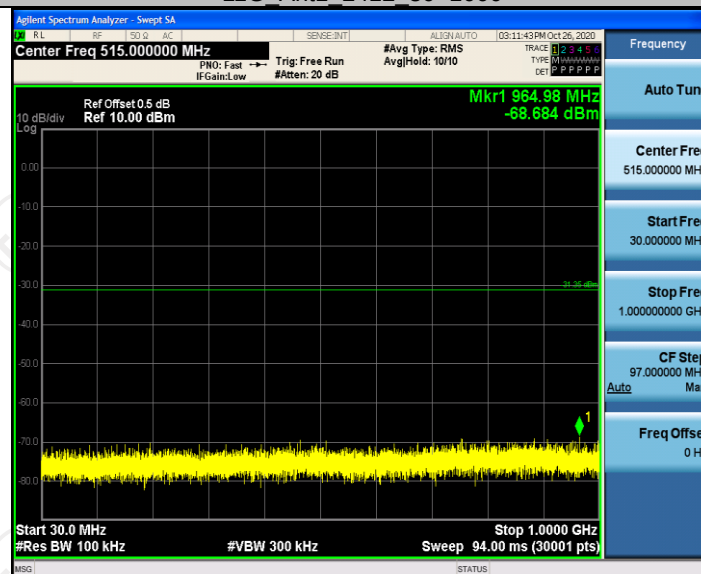
11B_Ant1_2462_1000~26500



11G Ant1 2412 0-Reference



11G Ant1 2412 30~1000



11G Ant1 2412 1000~26500