

Case No. : <u>GTS20250904021-1-03</u>	
Ambient Condition: <u>23</u> °C, <u>57</u> %RH,	
Test Date: <u>2025.9.9-2025.9.17</u>	Test Engineer: <u>Evan ouyang</u>

AppendixC.1: DTS Bandwidth

Test Result

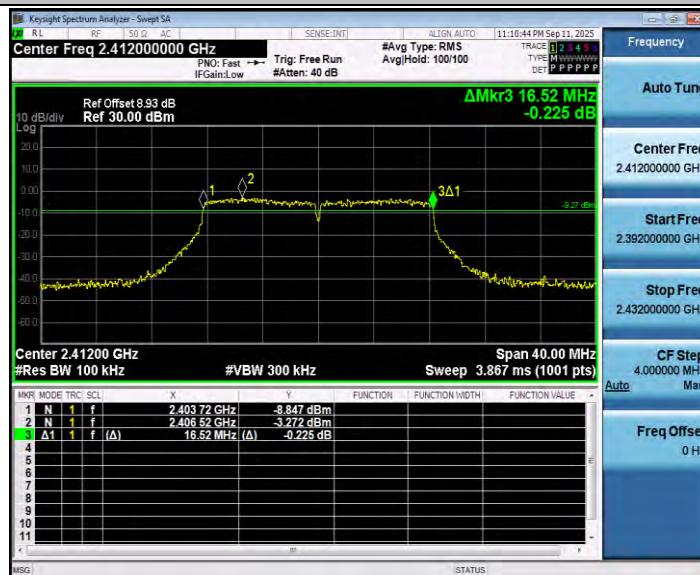
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant2	2412	10.120	2406.920	2417.040	0.5	PASS
		2437	10.080	2431.960	2442.040	0.5	PASS
		2462	10.120	2456.920	2467.040	0.5	PASS
11G	Ant2	2412	16.520	2403.720	2420.240	0.5	PASS
		2437	16.520	2428.720	2445.240	0.5	PASS
		2462	16.440	2453.760	2470.200	0.5	PASS
11N20SISO	Ant2	2412	17.640	2403.160	2420.800	0.5	PASS
		2437	17.600	2428.200	2445.800	0.5	PASS
		2462	17.680	2453.160	2470.840	0.5	PASS
11N40SISO	Ant2	2422	36.400	2403.760	2440.160	0.5	PASS
		2437	36.320	2418.840	2455.160	0.5	PASS
		2452	36.320	2433.840	2470.160	0.5	PASS

Test Graphs





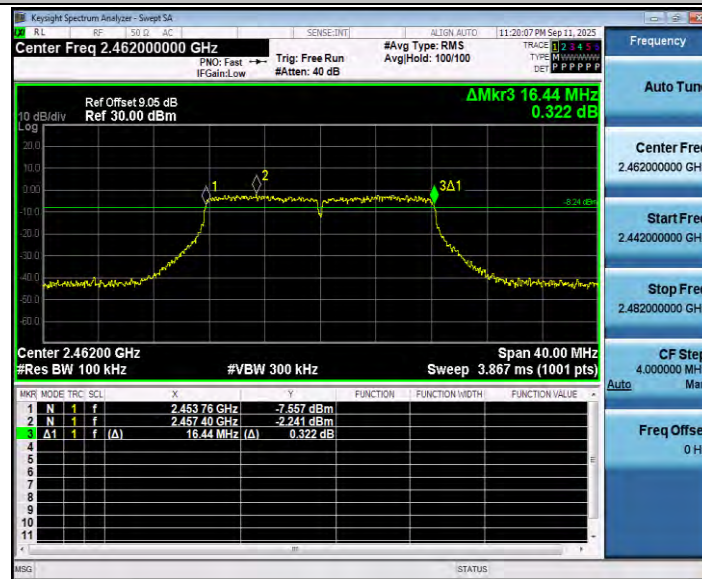
11G_Ant2_2412



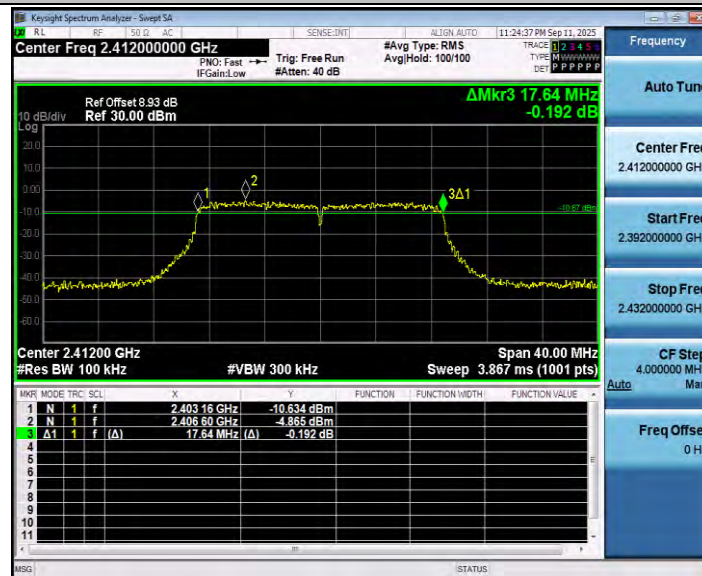
11G_Ant2_2437



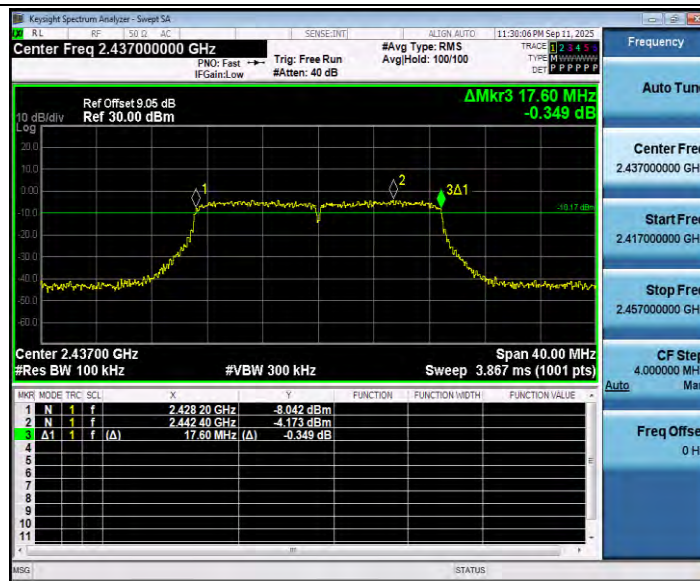
11G_Ant2_2462



11N20SISO_Ant2_2412



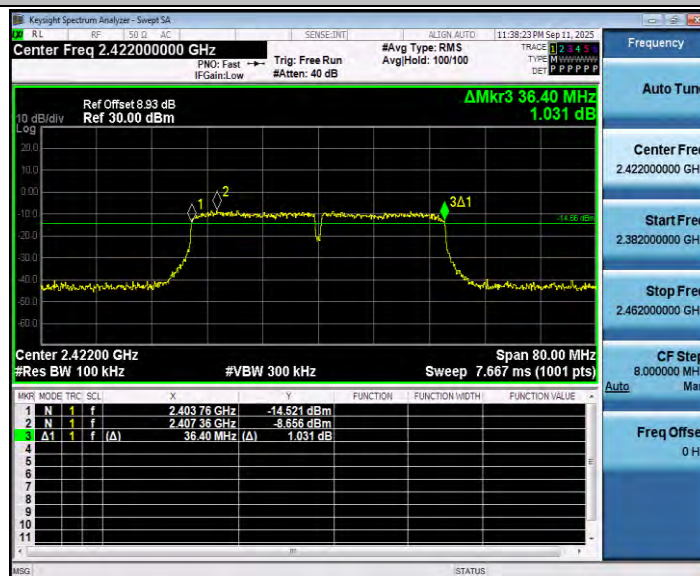
11N20SISO_Ant2_2437



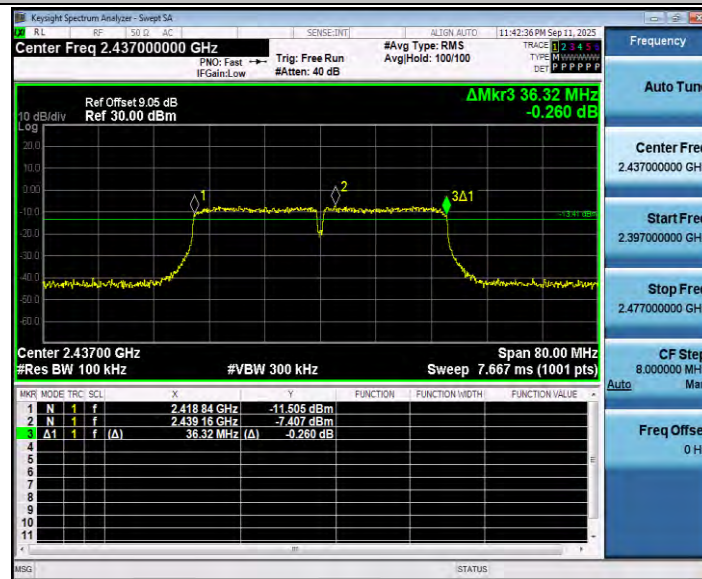
11N20SISO_Ant2_2462



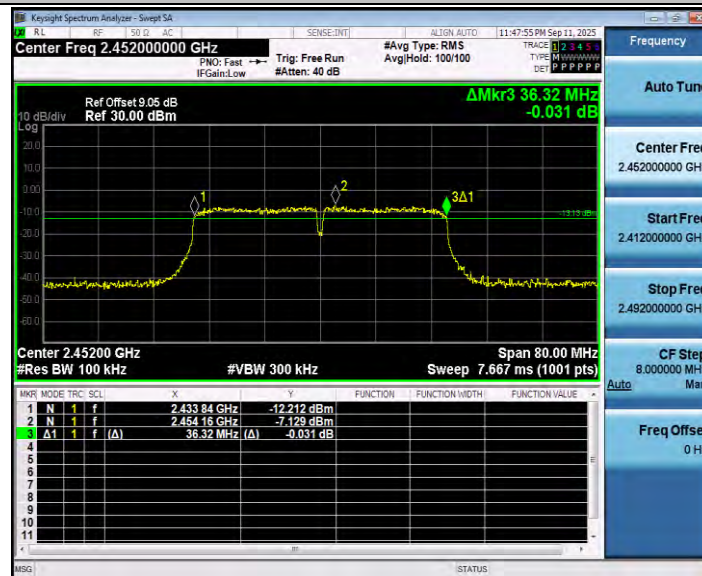
11N40SISO_Ant2_2422



11N40SISO_Ant2_2437



11N40SISO_Ant2_2452



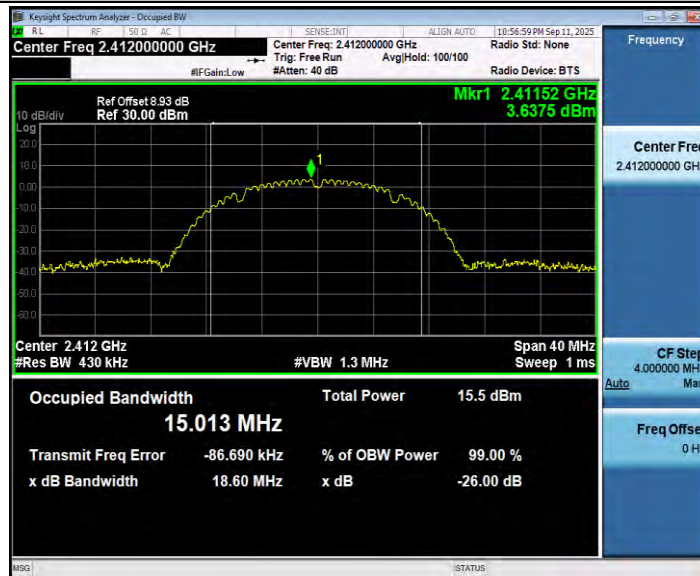
AppendixC.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant2	2412	15.013	2404.4068	2419.4198	---	---
		2437	15.032	2429.4593	2444.4913	---	---
		2462	14.988	2454.4520	2469.4400	---	---
11G	Ant2	2412	16.977	2403.3606	2420.3376	---	---
		2437	16.870	2428.5008	2445.3708	---	---
		2462	16.818	2453.5314	2470.3494	---	---
11N20SISO	Ant2	2412	17.840	2403.0209	2420.8609	---	---
		2437	17.877	2428.0281	2445.9051	---	---
		2462	17.863	2453.0113	2470.8743	---	---
11N40SISO	Ant2	2422	36.418	2403.7795	2440.1975	---	---
		2437	36.240	2418.8803	2455.1203	---	---
		2452	36.261	2433.8983	2470.1593	---	---

Test Graphs

11B_Ant2_2412



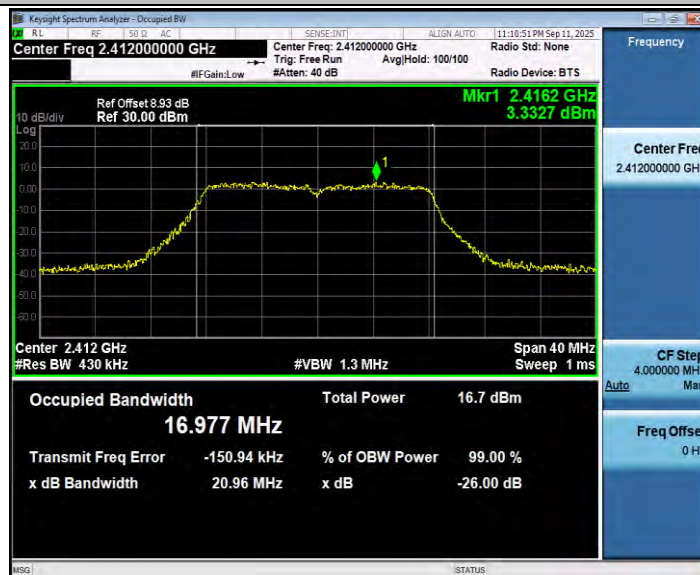
11B_Ant2_2437



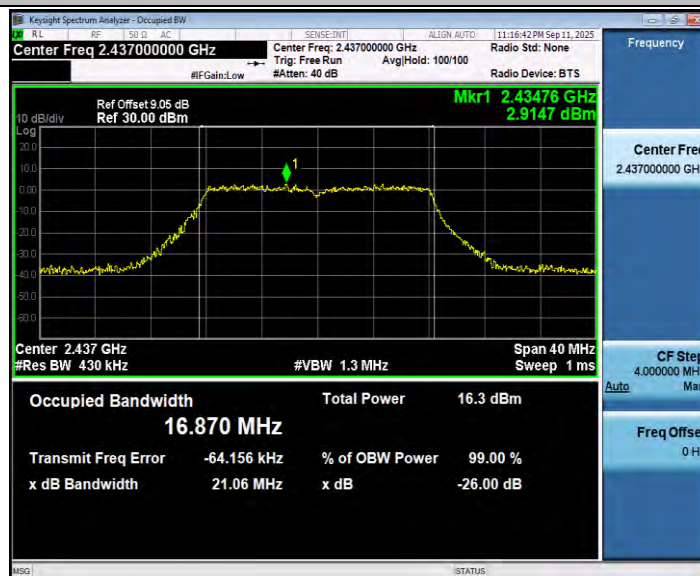
11B_Ant2_2462



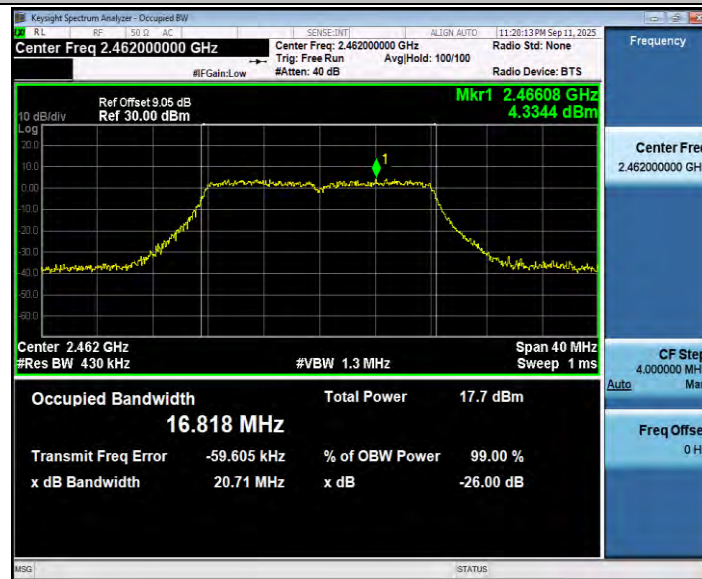
11G_Ant2_2412



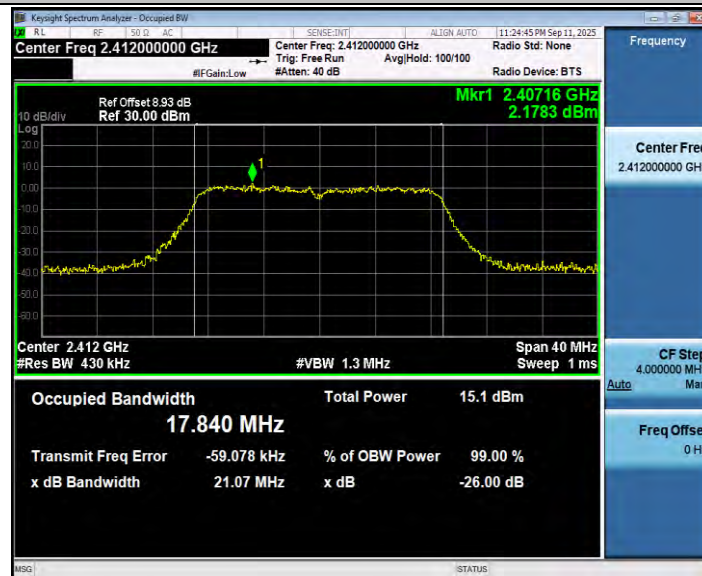
11G_Ant2_2437



11G_Ant2_2462



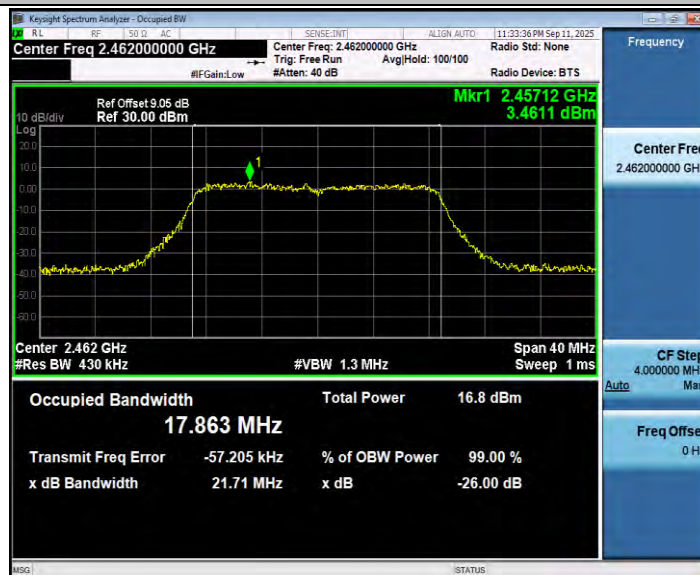
11N20SISO_Ant2_2412



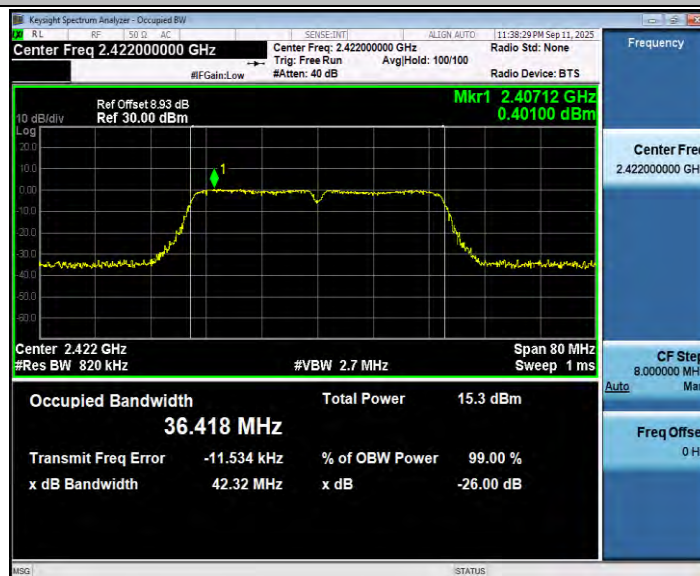
11N20SISO_Ant2_2437



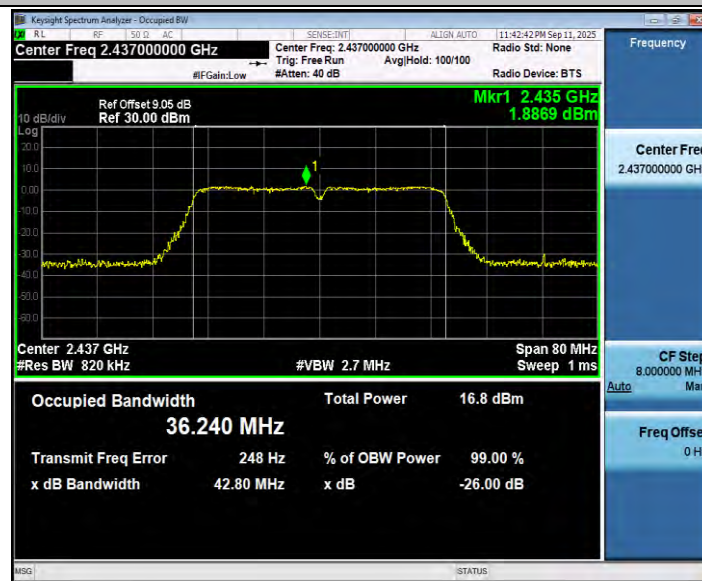
11N20SISO_Ant2_2462



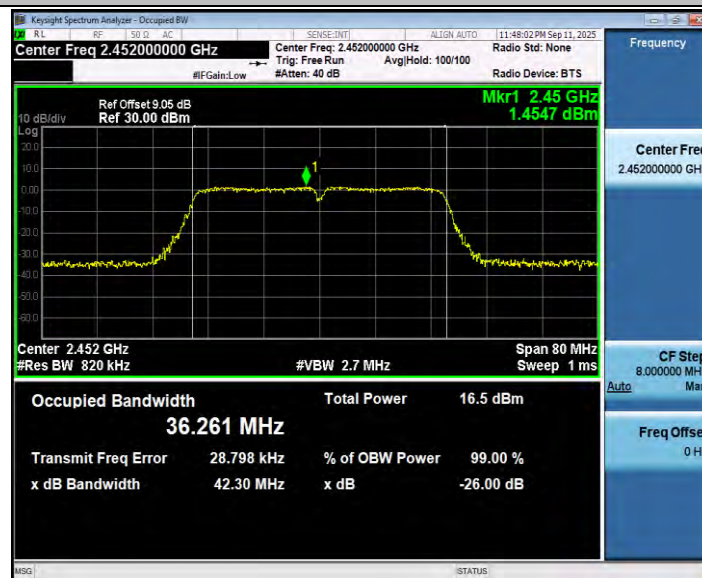
11N40SISO_Ant2_2422



11N40SISO_Ant2_2437



11N40SISO_Ant2_2452



AppendixC.3: Maximum conducted output power

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	16.60	≤30.00	PASS
		2437	16.01	≤30.00	PASS
		2462	16.37	≤30.00	PASS
11G	Ant2	2412	17.74	≤30.00	PASS
		2437	17.40	≤30.00	PASS
		2462	18.87	≤30.00	PASS
11N20SISO	Ant2	2412	16.40	≤30.00	PASS
		2437	17.59	≤30.00	PASS
		2462	18.16	≤30.00	PASS
11N40SISO	Ant2	2422	15.60	≤30.00	PASS
		2437	17.08	≤30.00	PASS
		2452	16.83	≤30.00	PASS

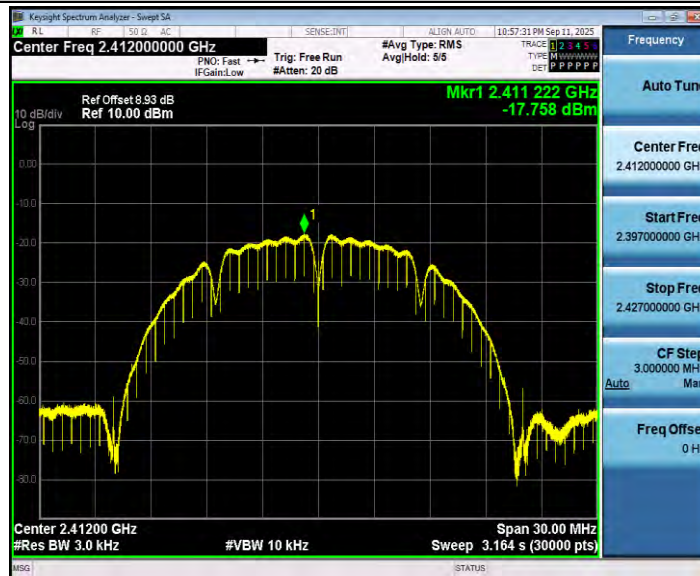
AppendixC.4: Maximum power spectral density

Test Result

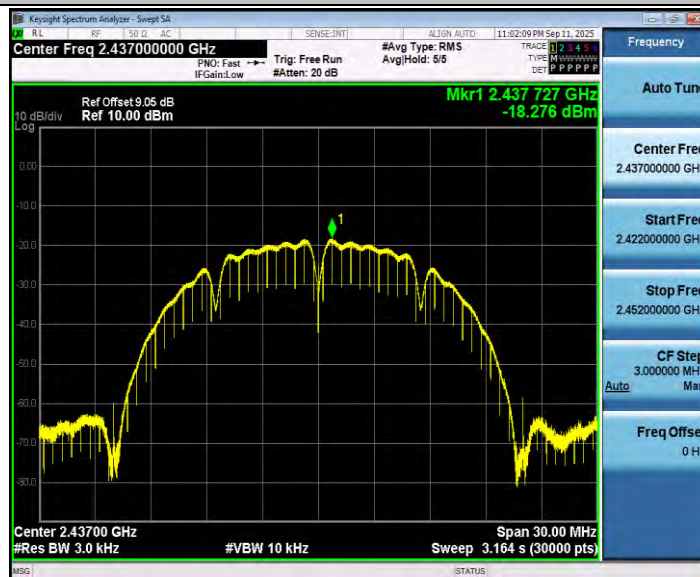
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant2	2412	-17.76	≤8.00	PASS
		2437	-18.28	≤8.00	PASS
		2462	-16.95	≤8.00	PASS
11G	Ant2	2412	-16.93	≤8.00	PASS
		2437	-18.19	≤8.00	PASS
		2462	-16.79	≤8.00	PASS
11N20SISO	Ant2	2412	-18.81	≤8.00	PASS
		2437	-16.83	≤8.00	PASS
		2462	-16.17	≤8.00	PASS
11N40SISO	Ant2	2422	-21.45	≤8.00	PASS
		2437	-18.83	≤8.00	PASS
		2452	-19.90	≤8.00	PASS

Test Graphs

11B_Ant2_2412



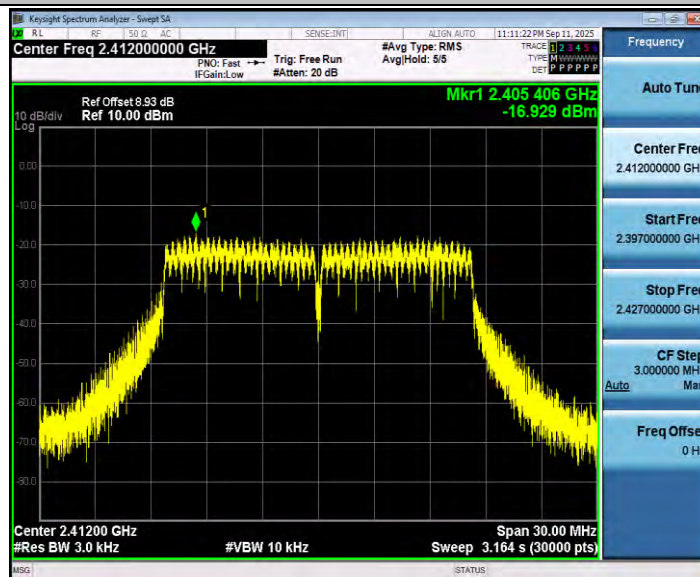
11B_Ant2_2437



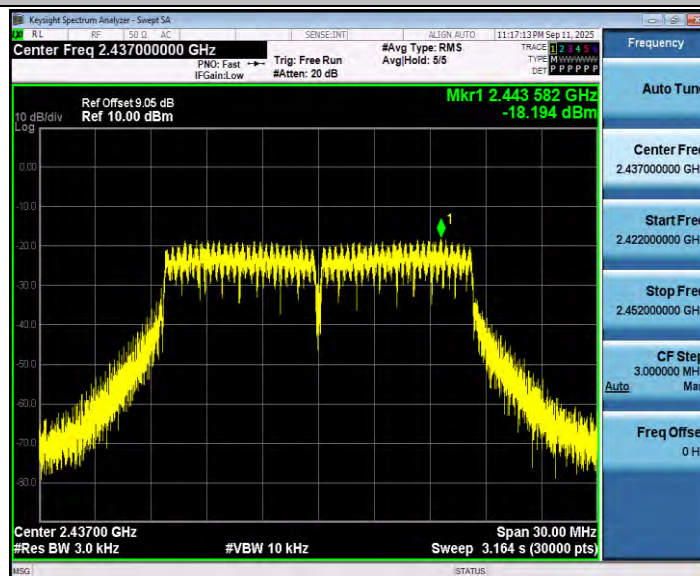
11B_Ant2_2462



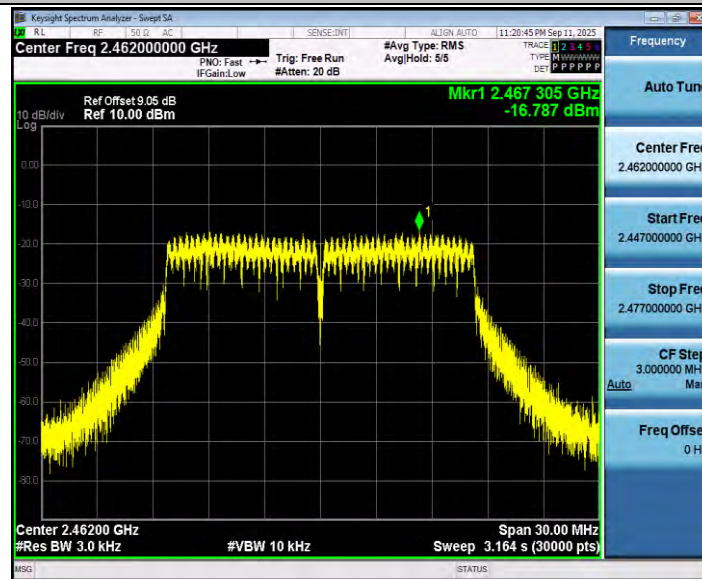
11G_Ant2_2412



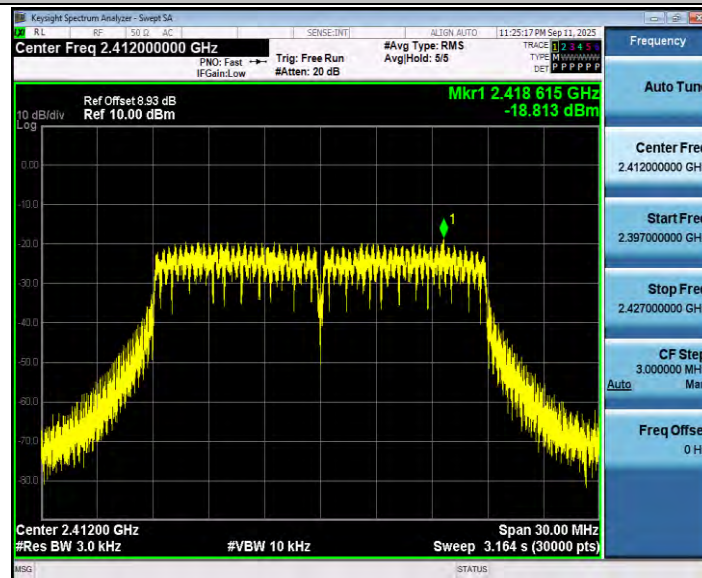
11G_Ant2_2437



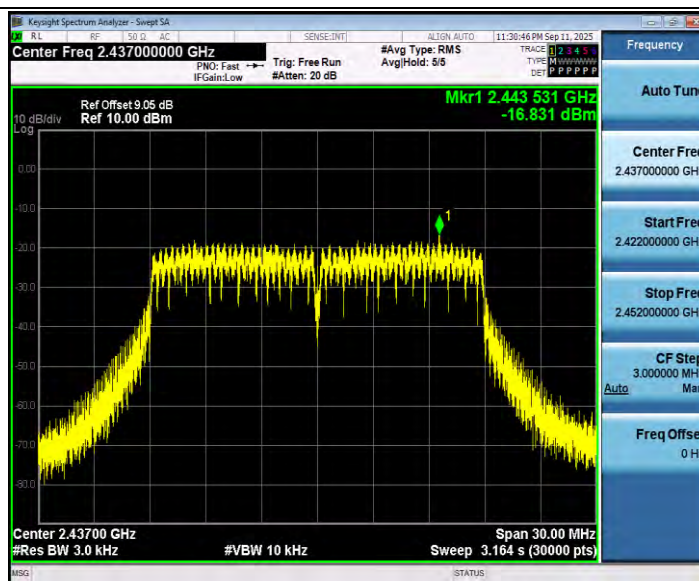
11G_Ant2_2462



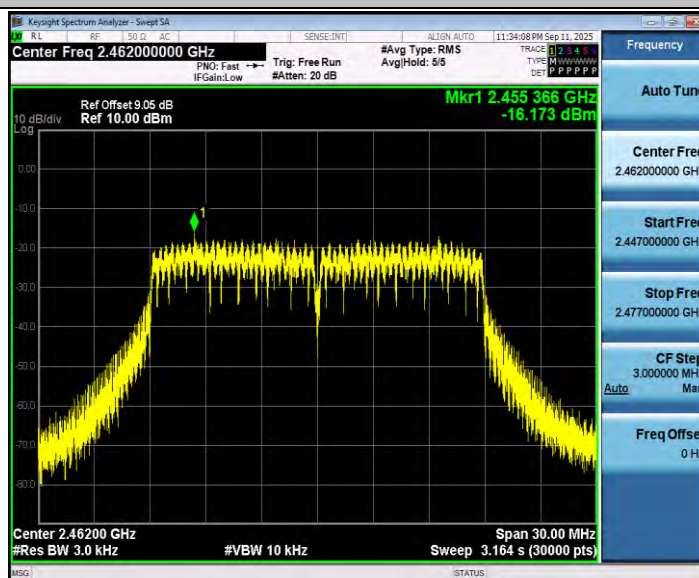
11N20SISO_Ant2_2412



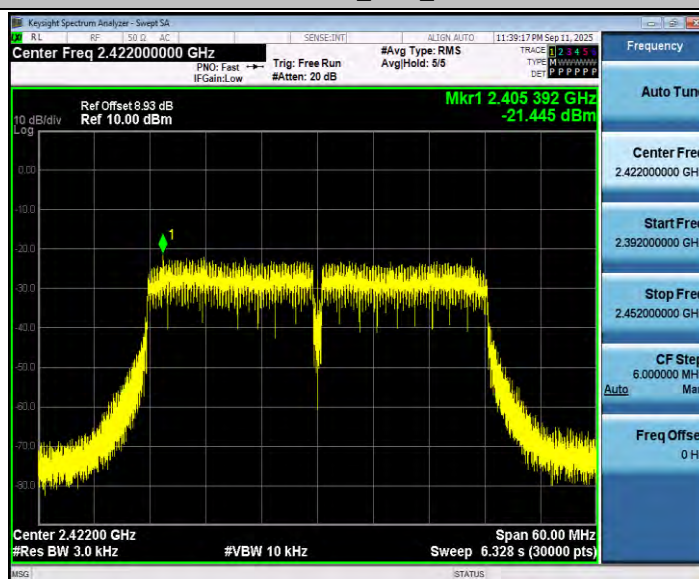
11N20SISO_Ant2_2437



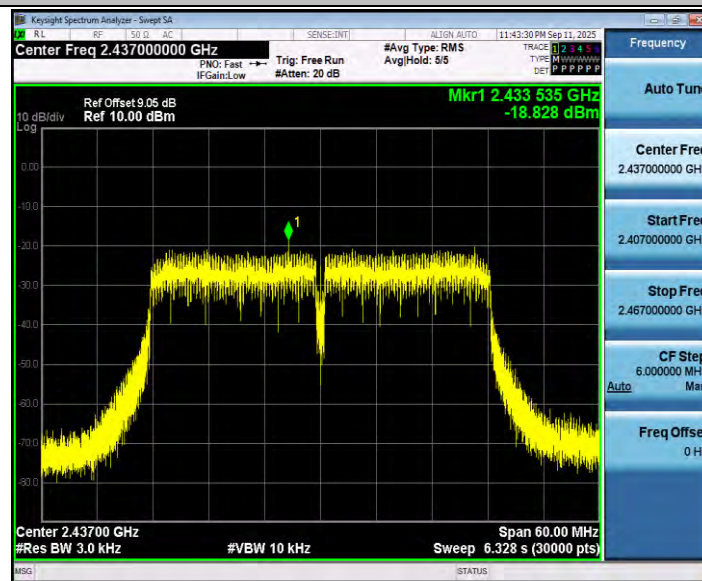
11N20SISO_Ant2_2462



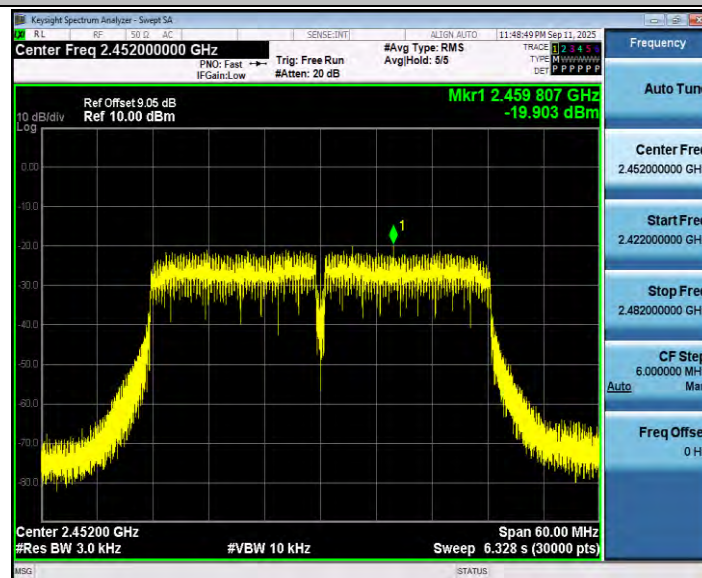
11N40SISO_Ant2_2422



11N40SISO_Ant2_2437



11N40SISO_Ant2_2452

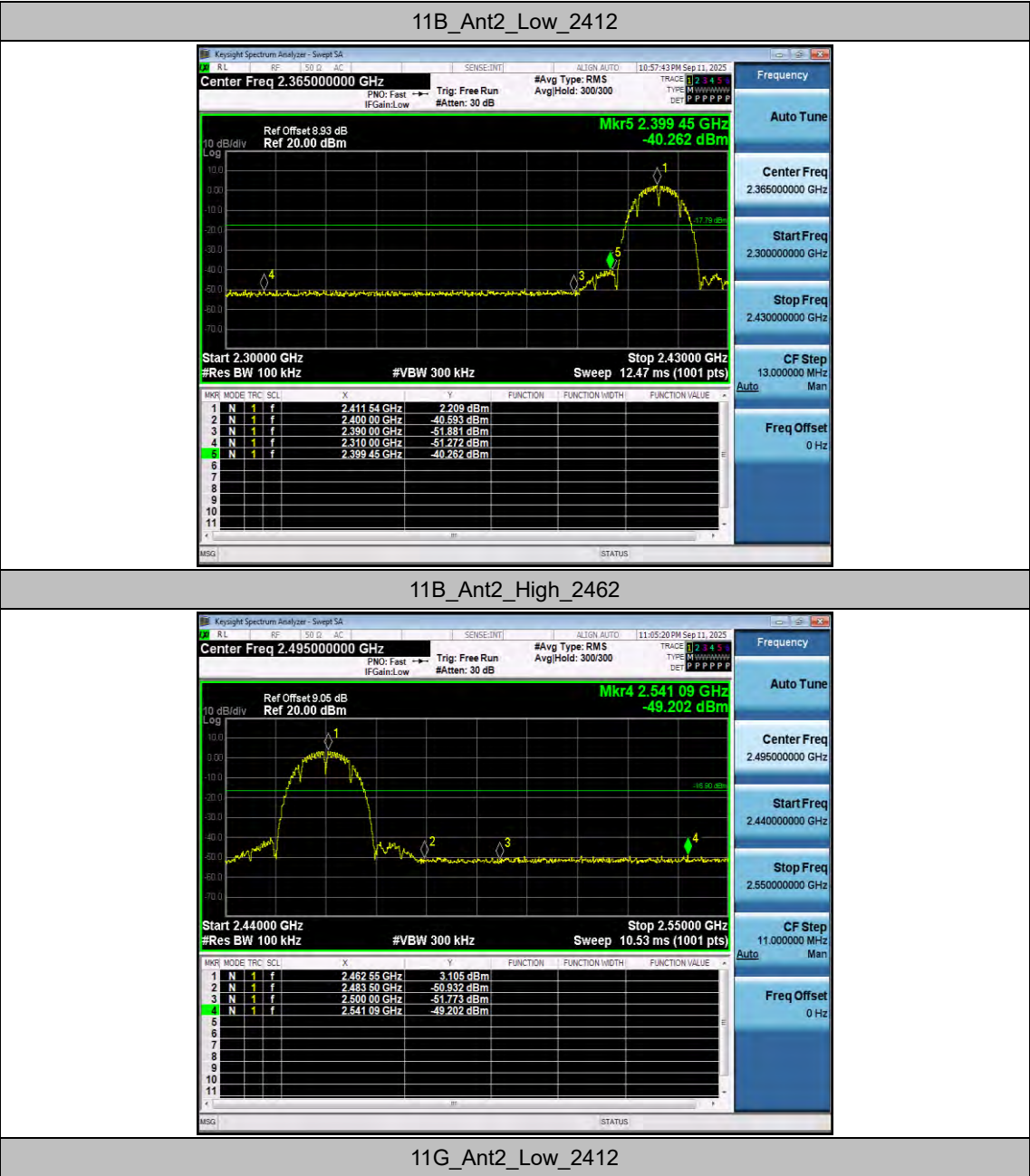


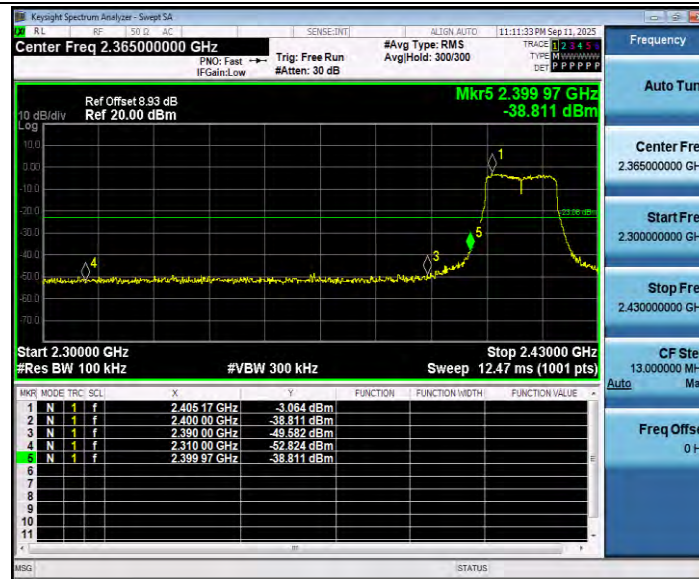
Appendix C.5: Band edge measurements

Test Result

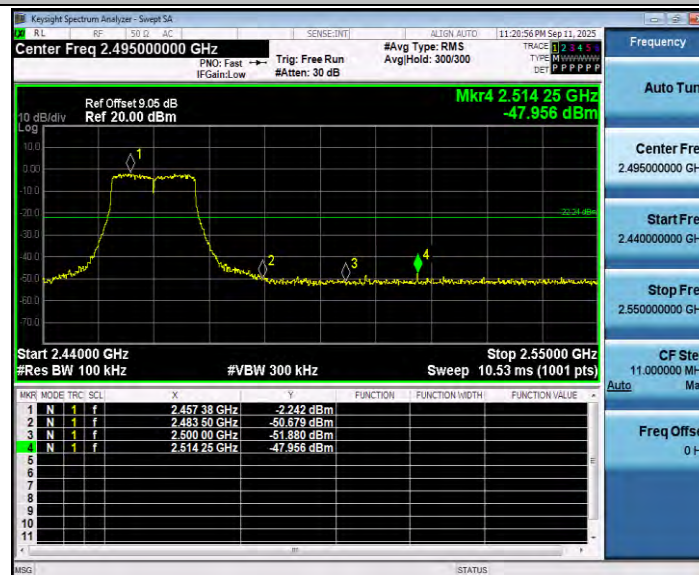
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant2	Low	2412	2.21	-40.26	≤ -17.79	PASS
		High	2462	3.11	-49.2	≤ -16.9	PASS
11G	Ant2	Low	2412	-3.06	-38.81	≤ -23.06	PASS
		High	2462	-2.24	-47.96	≤ -22.24	PASS
11N20SISO	Ant2	Low	2412	-4.48	-41.59	≤ -24.48	PASS
		High	2462	-2.90	-48.85	≤ -22.9	PASS
11N40SISO	Ant2	Low	2422	-8.71	-43.24	≤ -28.71	PASS
		High	2452	-7.41	-46.7	≤ -27.41	PASS

Test Graphs

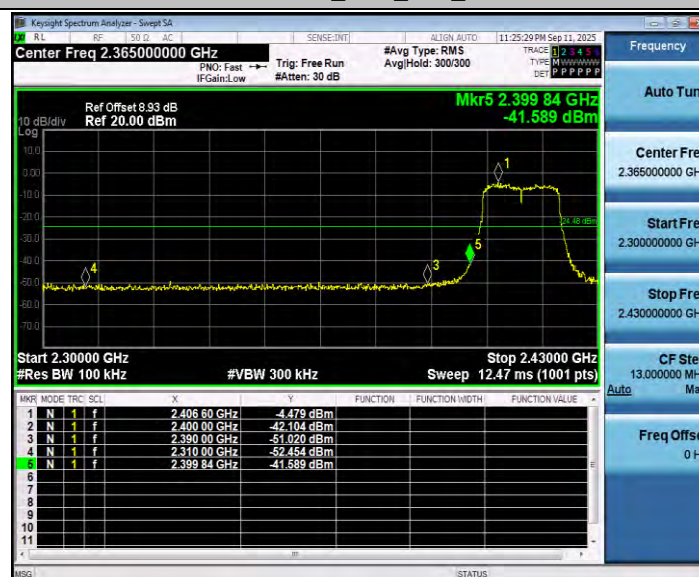




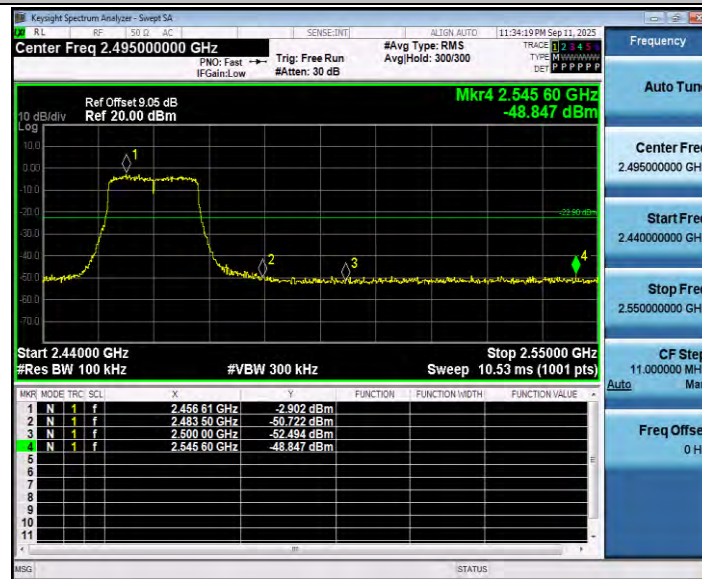
11G_Ant2_High_2462



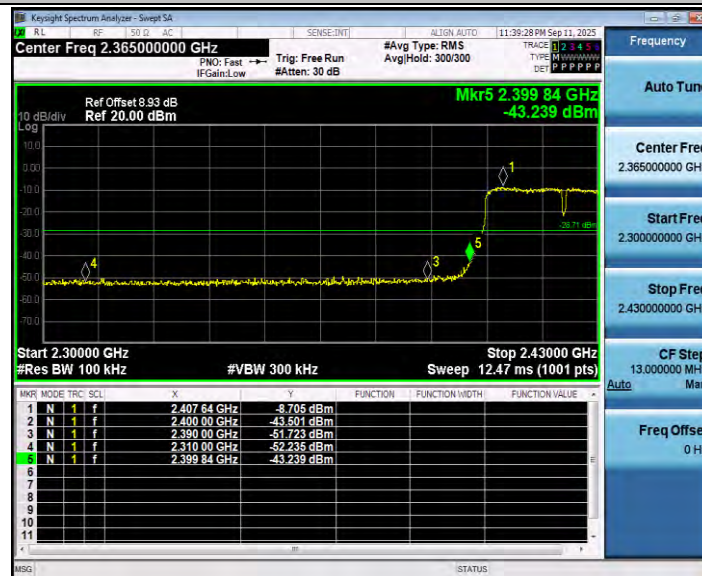
11N20SISO_Ant2_Low_2412



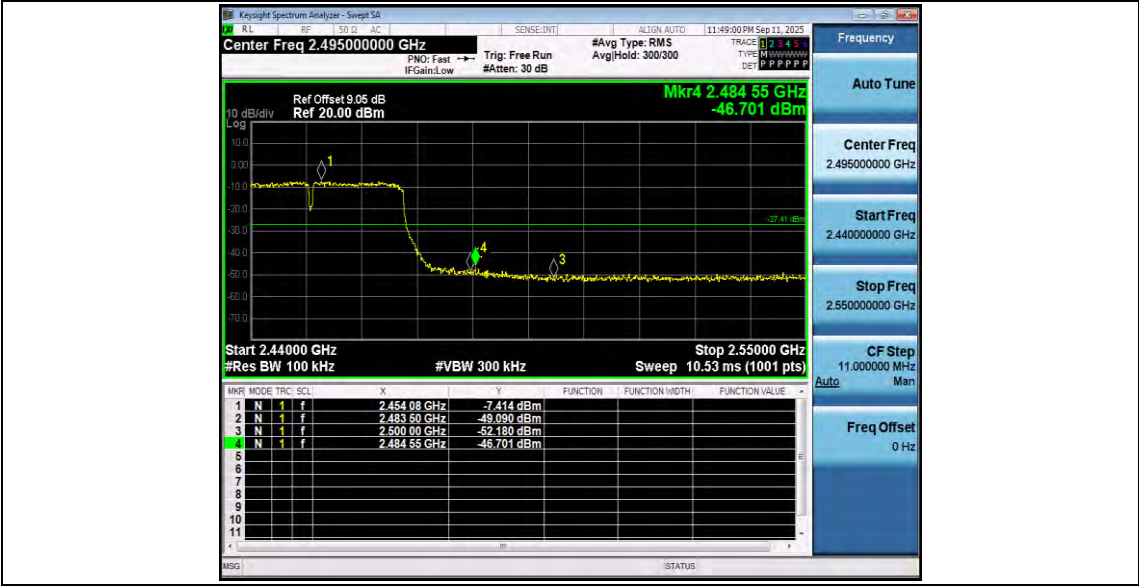
11N20SISO_Ant2_High_2462



11N40SISO_Ant2_Low_2422



11N40SISO_Ant2_High_2452

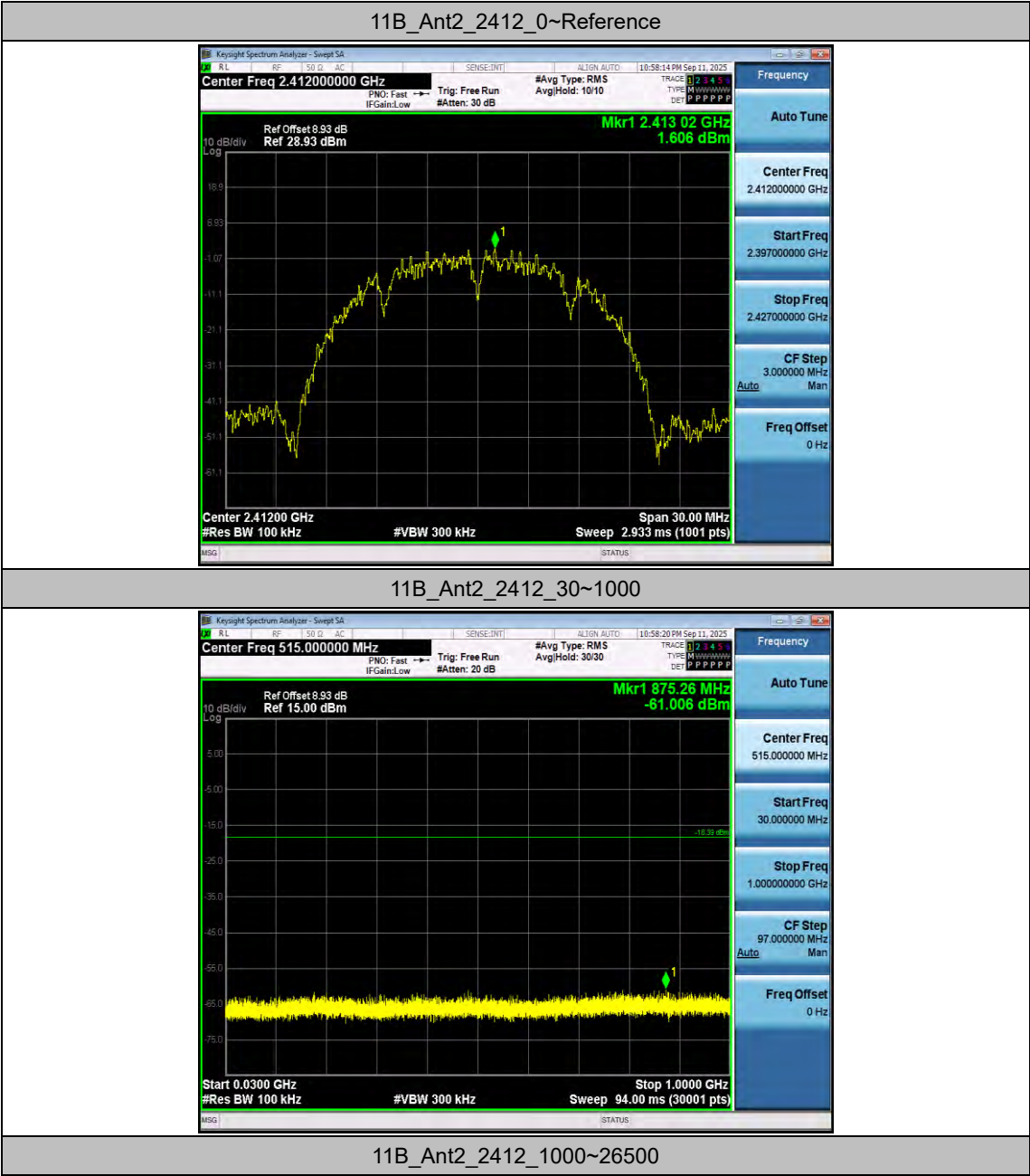


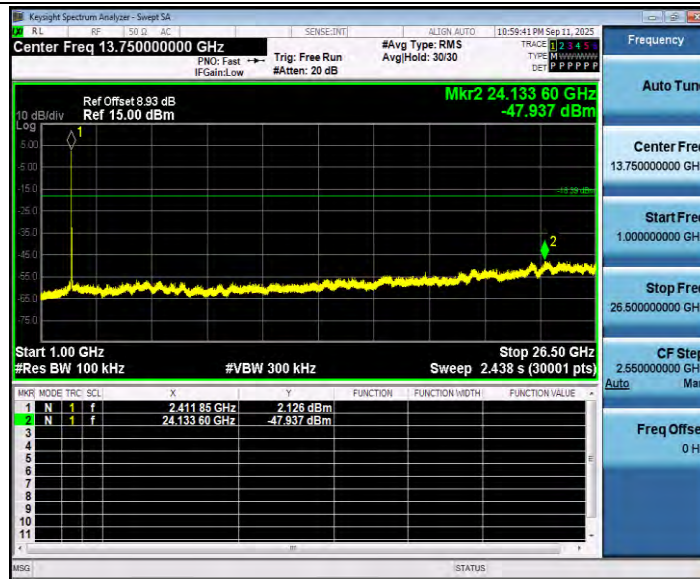
Appendix C.6: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	Reference	1.61	1.61	---	PASS
			30~1000	1.61	-61.01	≤-18.39	PASS
			1000~26500	1.61	-47.94	≤-18.39	PASS
		2437	Reference	0.76	0.76	---	PASS
			30~1000	0.76	-60.63	≤-19.24	PASS
			1000~26500	0.76	-47.52	≤-19.24	PASS
		2462	Reference	2.95	2.95	---	PASS
			30~1000	2.95	-60.04	≤-17.05	PASS
			1000~26500	2.95	-46.74	≤-17.05	PASS
11G	Ant2	2412	Reference	-3.68	-3.68	---	PASS
			30~1000	-3.68	-60.33	≤-23.68	PASS
			1000~26500	-3.68	-47.48	≤-23.68	PASS
		2437	Reference	-3.75	-3.75	---	PASS
			30~1000	-3.75	-59.61	≤-23.75	PASS
			1000~26500	-3.75	-47.59	≤-23.75	PASS
		2462	Reference	-2.56	-2.56	---	PASS
			30~1000	-2.56	-60.88	≤-22.56	PASS
			1000~26500	-2.56	-47.18	≤-22.56	PASS
11N20SISO	Ant2	2412	Reference	-5.01	-5.01	---	PASS
			30~1000	-5.01	-60.8	≤-25.01	PASS
			1000~26500	-5.01	-48.16	≤-25.01	PASS
		2437	Reference	-4.54	-4.54	---	PASS
			30~1000	-4.54	-60.57	≤-24.54	PASS
			1000~26500	-4.54	-47.85	≤-24.54	PASS
		2462	Reference	-4.12	-4.12	---	PASS
			30~1000	-4.12	-60.04	≤-24.12	PASS
			1000~26500	-4.12	-47.92	≤-24.12	PASS
11N40SISO	Ant2	2422	Reference	-9.03	-9.03	---	PASS
			30~1000	-9.03	-59.56	≤-29.03	PASS
			1000~26500	-9.03	-48.34	≤-29.03	PASS
		2437	Reference	-7.48	-7.48	---	PASS
			30~1000	-7.48	-60.27	≤-27.48	PASS
			1000~26500	-7.48	-47.49	≤-27.48	PASS
		2452	Reference	-8.19	-8.19	---	PASS
			30~1000	-8.19	-60.98	≤-28.19	PASS
			1000~26500	-8.19	-47.21	≤-28.19	PASS

Test Graphs

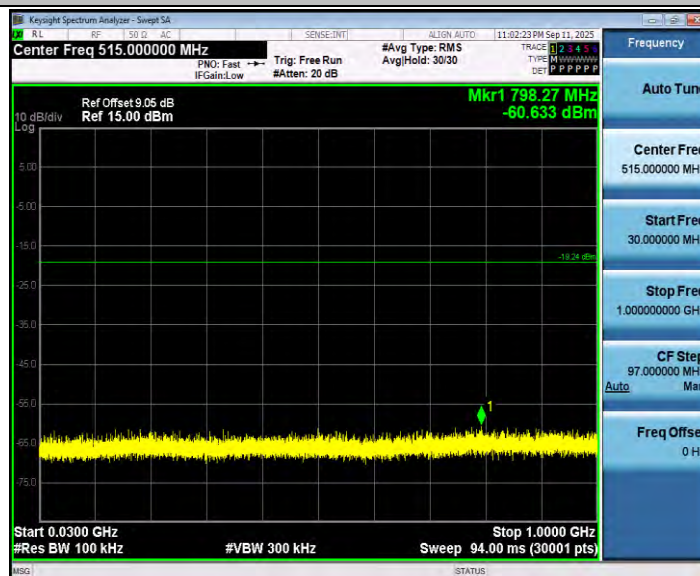


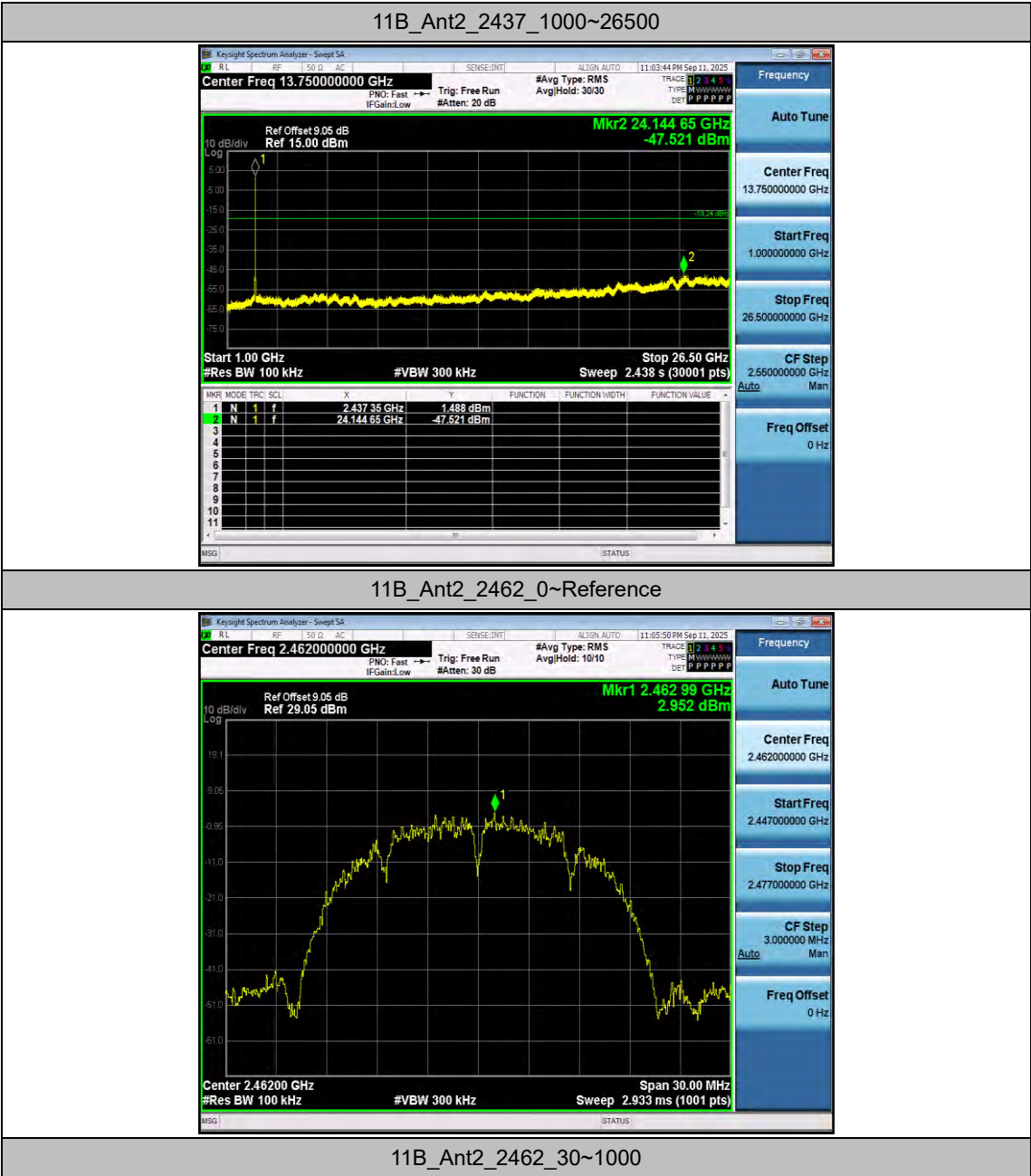


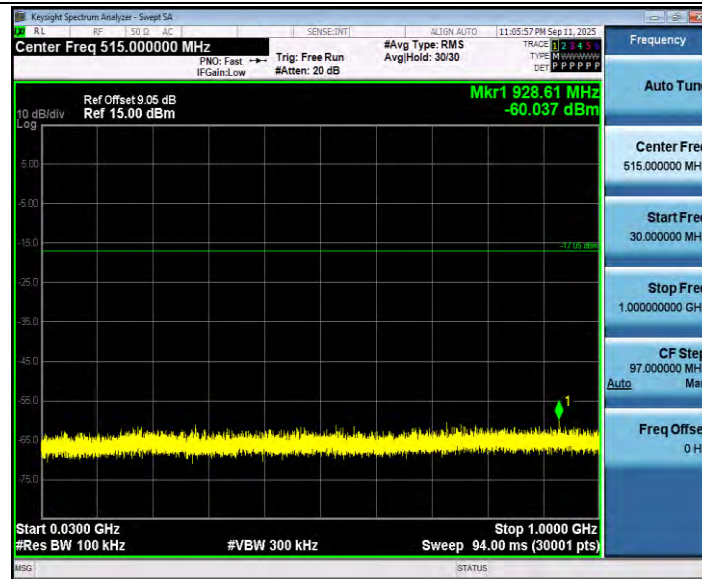
11B_Ant2_2437_0~Reference



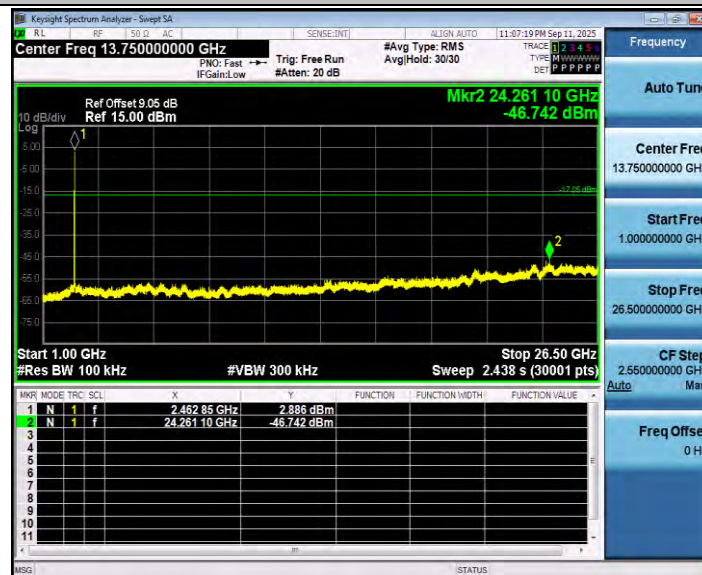
11B_Ant2_2437_30~1000





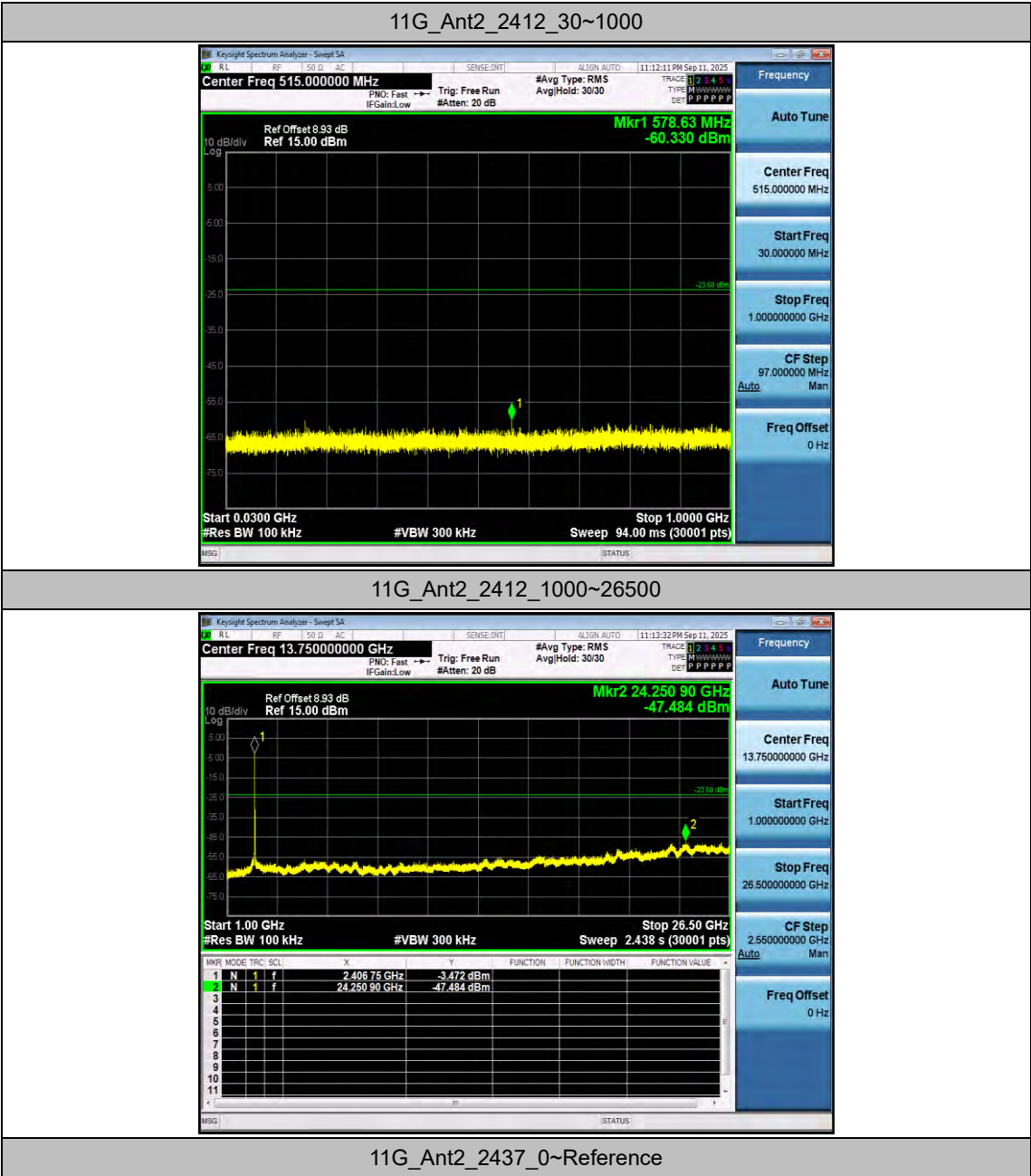


11B_Ant2_2462_1000~26500



11G_Ant2_2412_0~Reference







11G_Ant2_2437_30~1000



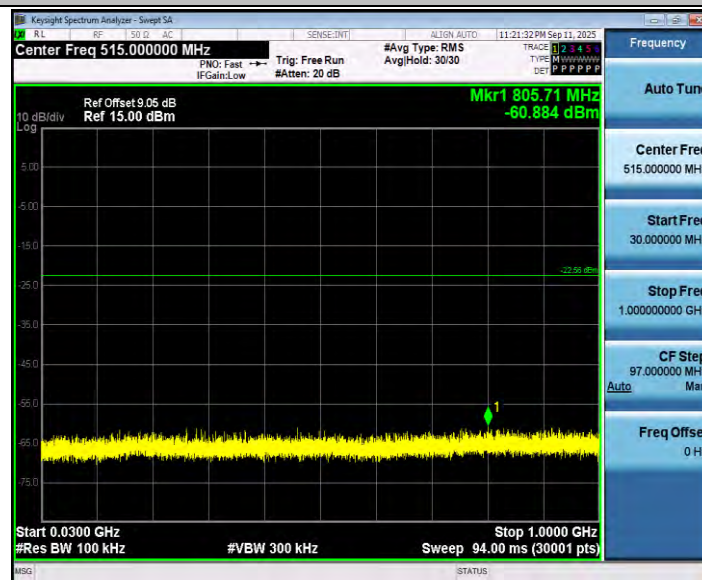
11G_Ant2_2437_1000~26500



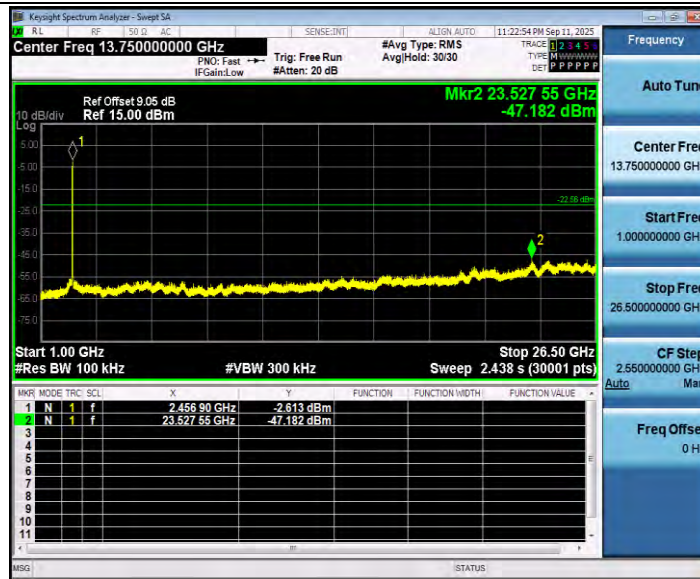
11G_Ant2_2462_0~Reference



11G_Ant2_2462_30~1000



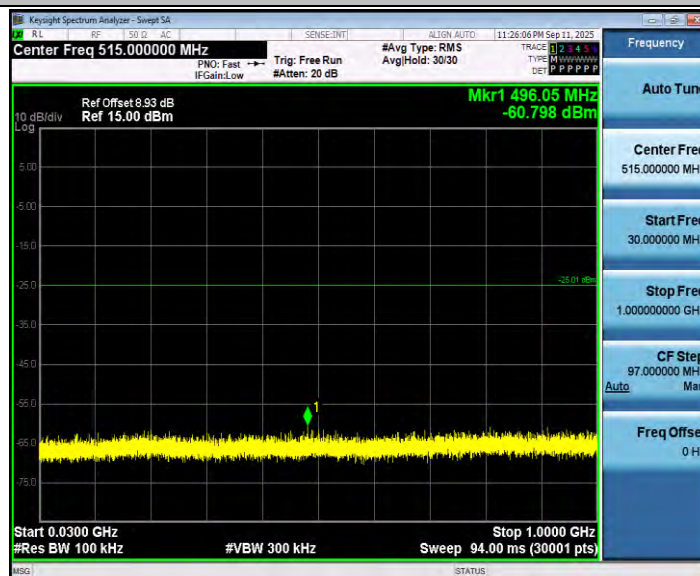
11G_Ant2_2462_1000~26500



11N20SISO_Ant2_2412_0~Reference



11N20SISO_Ant2_2412_30~1000



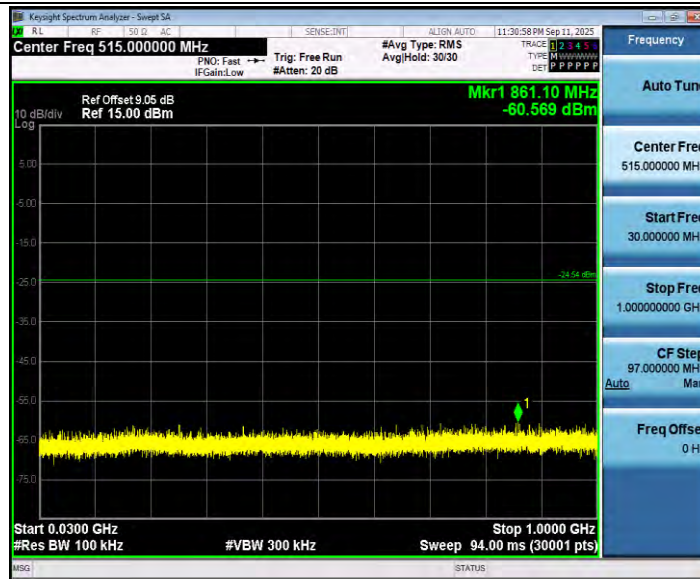
11N20SISO_Ant2_2412_1000~26500



11N20SISO_Ant2_2437_0~Reference



11N20SISO_Ant2_2437_30~1000

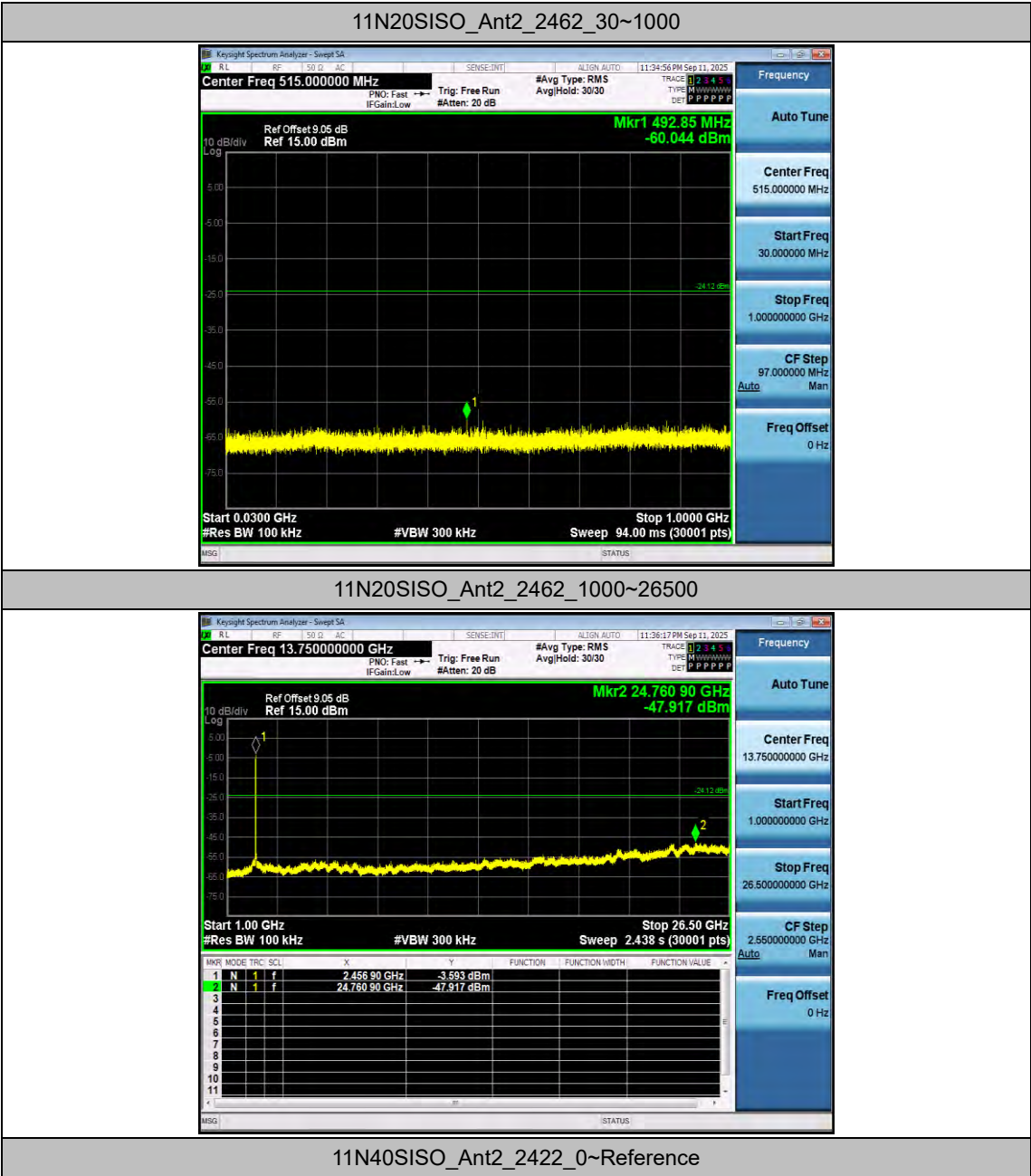


11N20SISO_Ant2_2437_1000~26500



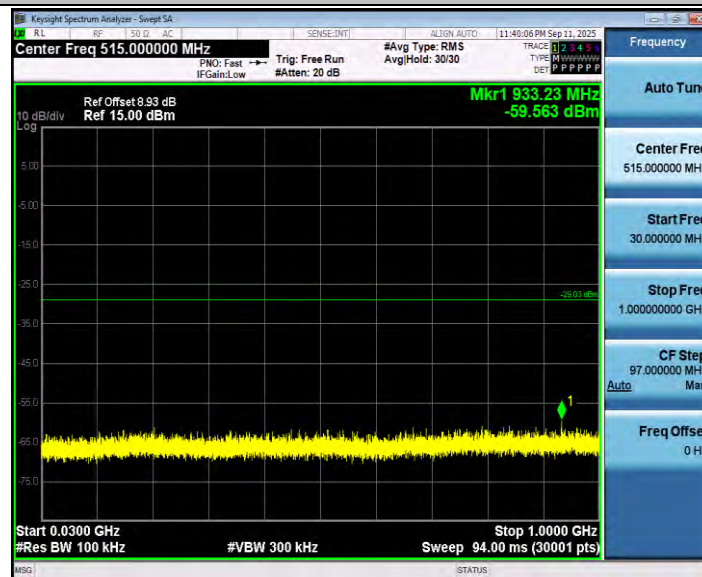
11N20SISO_Ant2_2462_0~Reference







11N40SISO_Ant2_2422_30~1000



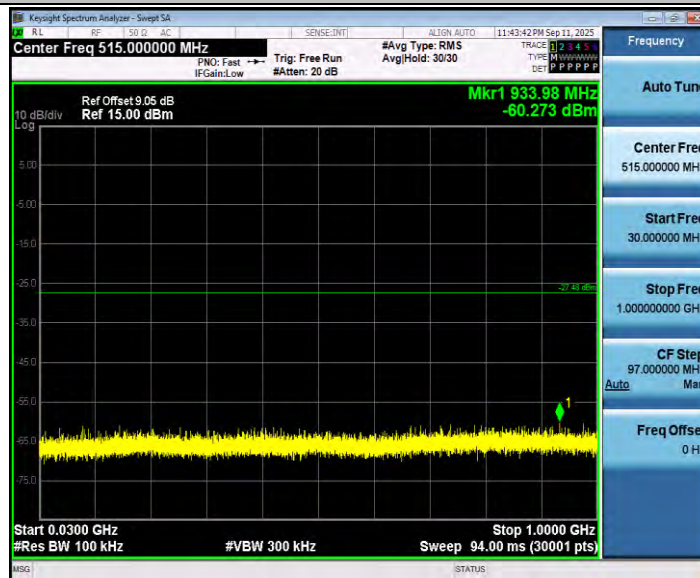
11N40SISO_Ant2_2422_1000~26500



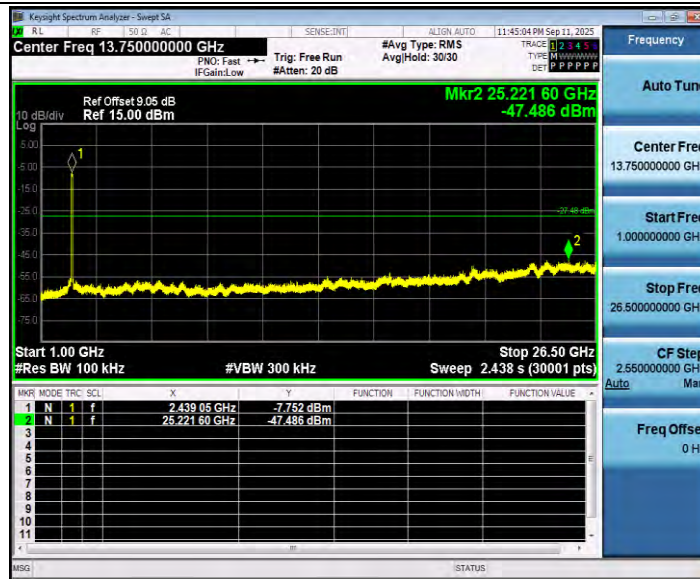
11N40SISO_Ant2_2437_0~Reference



11N40SISO_Ant2_2437_30~1000



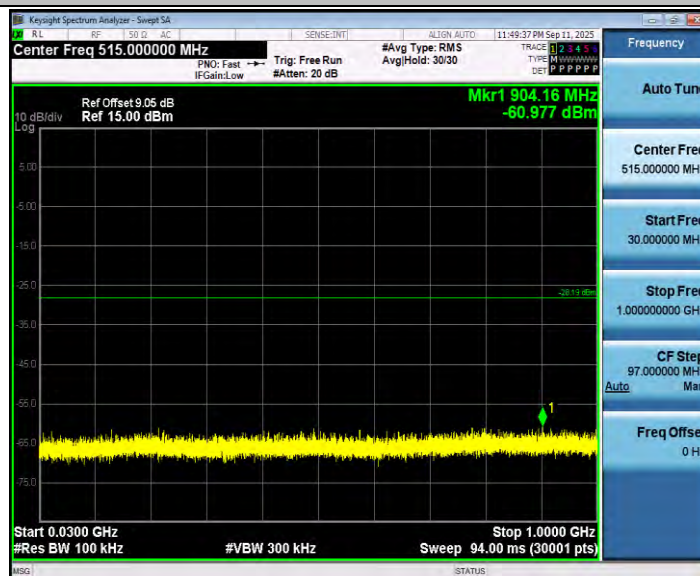
11N40SISO_Ant2_2437_1000~26500



11N40SISO_Ant2_2452_0~Reference



11N40SISO_Ant2_2452_30~1000



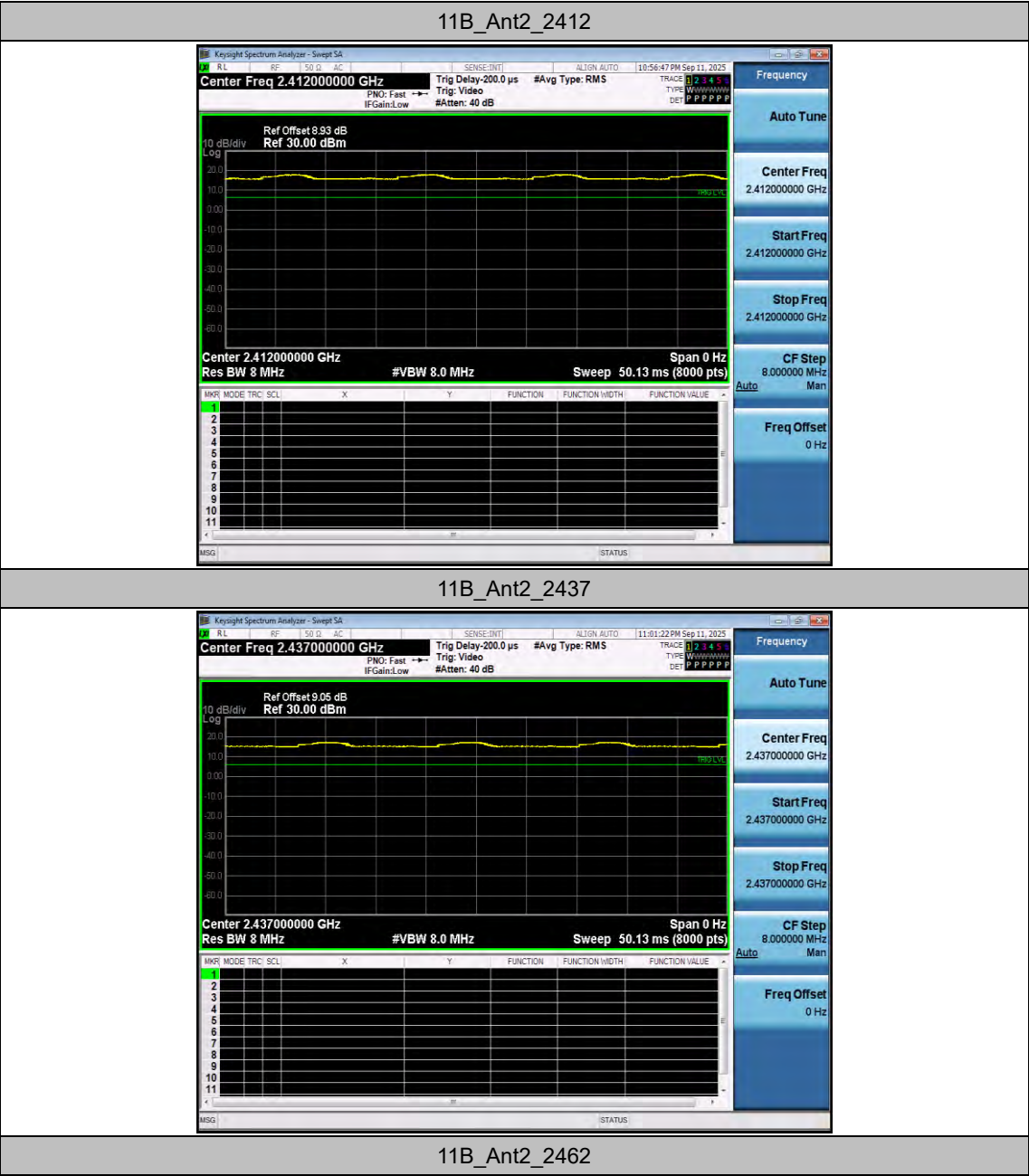


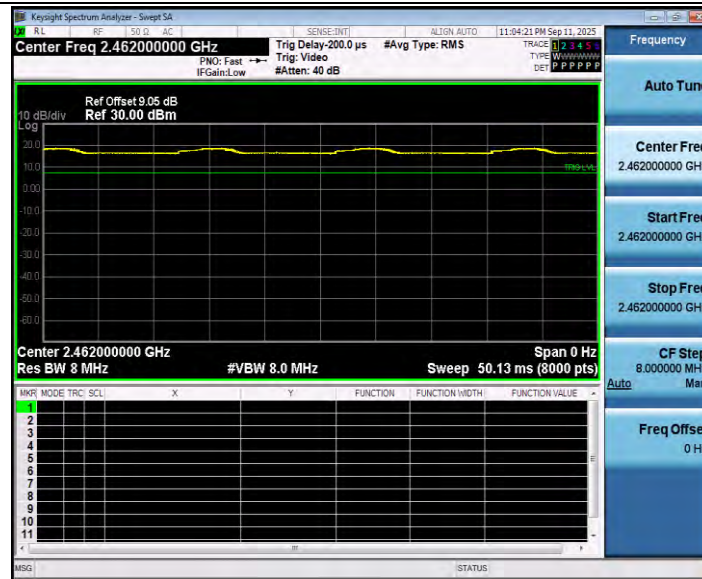
Appendix C.7: Duty Cycle

Test Result

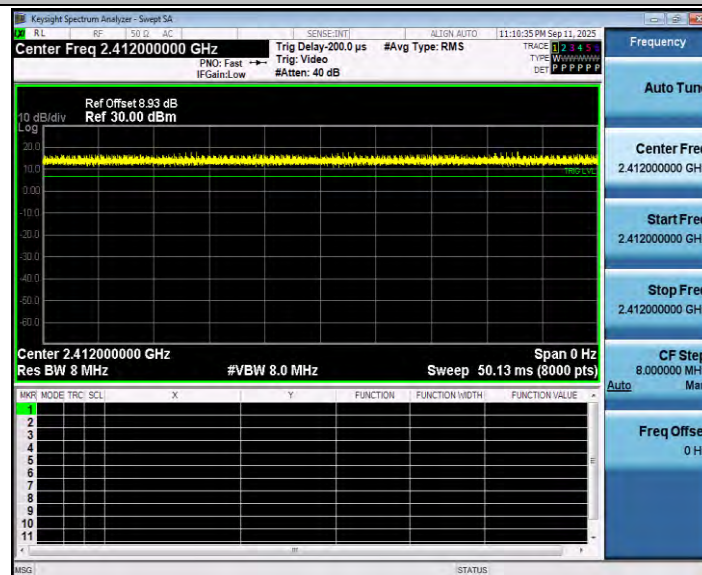
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11B	Ant2	2412	50.00	50.00	100.00	0.00	0.02
		2437	50.00	50.00	100.00	0.00	0.02
		2462	50.00	50.00	100.00	0.00	0.02
11G	Ant2	2412	50.00	50.00	100.00	0.00	0.02
		2437	50.00	50.00	100.00	0.00	0.02
		2462	50.00	50.00	100.00	0.00	0.02
11N20SISO	Ant2	2412	50.00	50.00	100.00	0.00	0.02
		2437	50.00	50.00	100.00	0.00	0.02
		2462	50.00	50.00	100.00	0.00	0.02
11N40SISO	Ant2	2422	50.00	50.00	100.00	0.00	0.02
		2437	50.00	50.00	100.00	0.00	0.02
		2452	50.00	50.00	100.00	0.00	0.02

Test Graphs

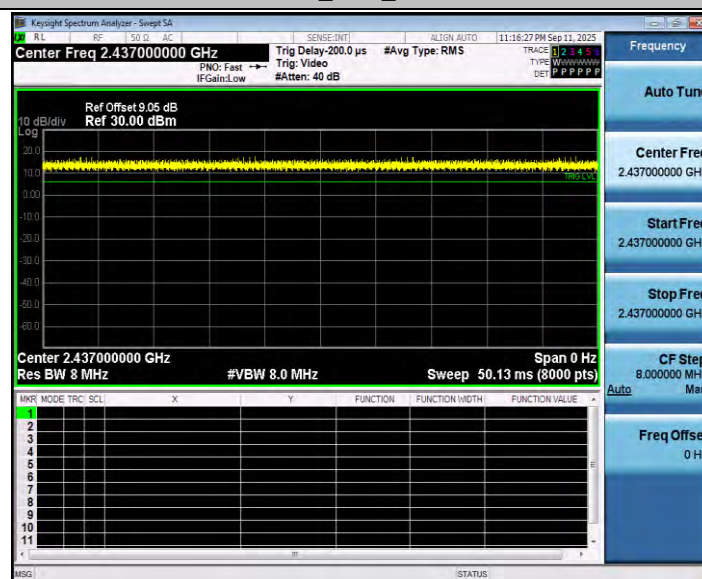




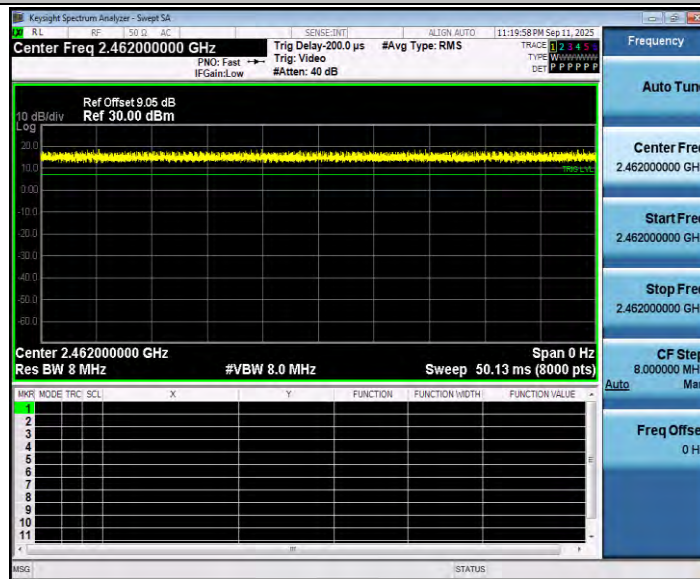
11G_Ant2_2412



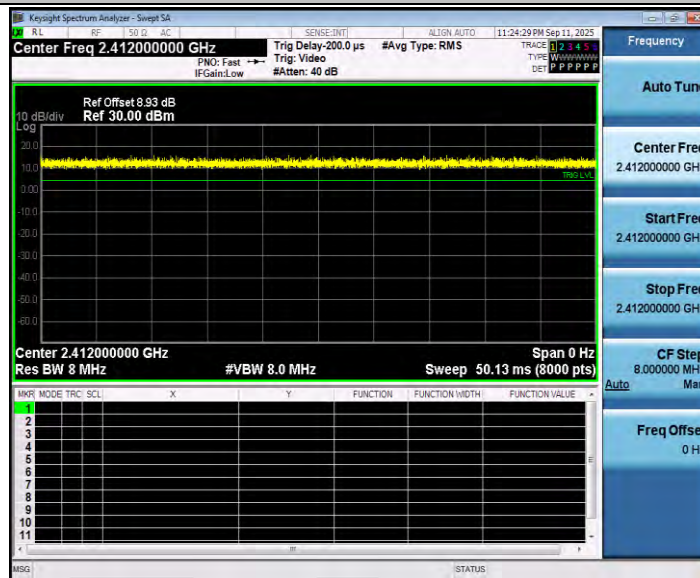
11G_Ant2_2437



11G_Ant2_2462



11N20SISO_Ant2_2412



11N20SISO_Ant2_2437

