

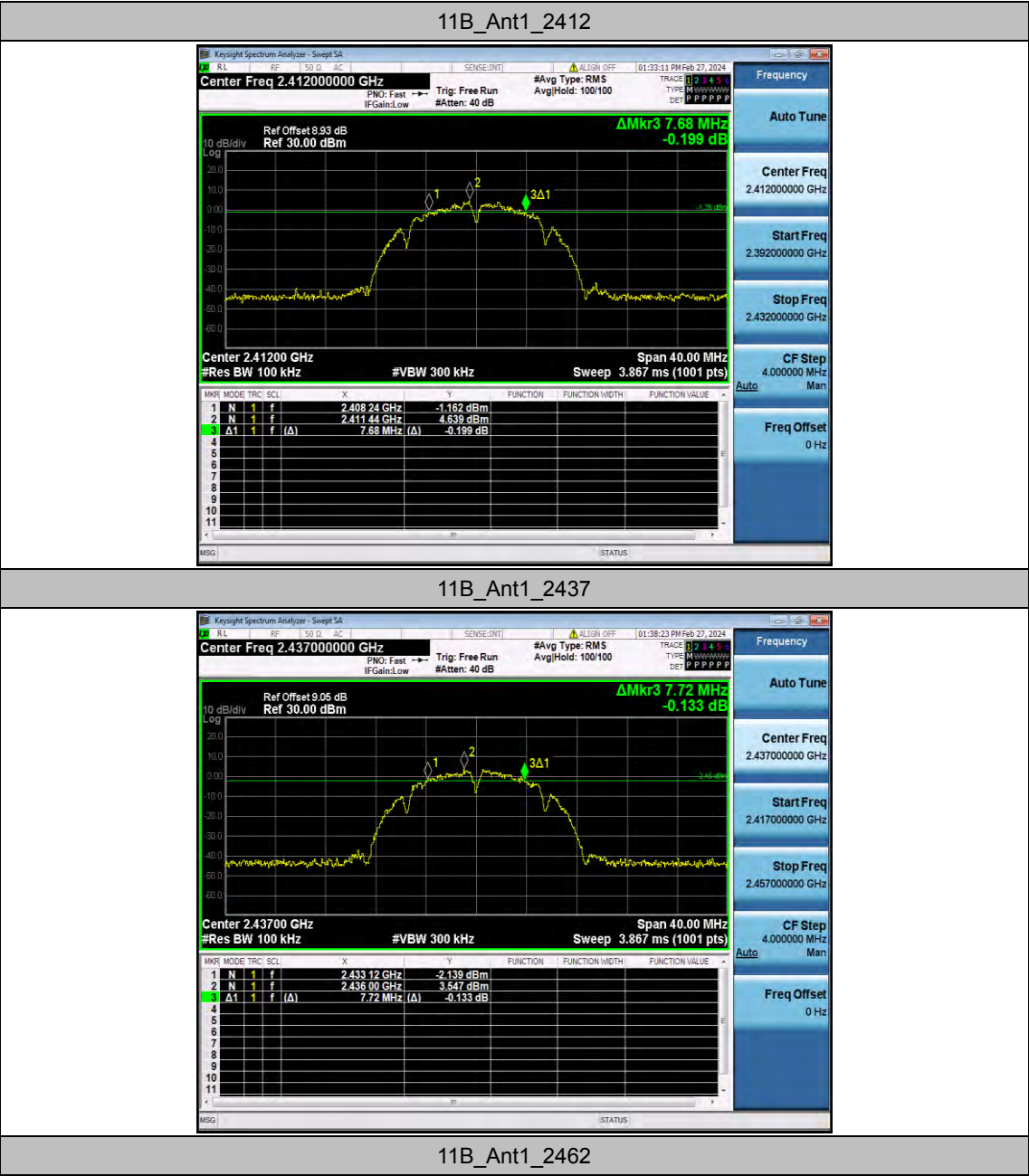
Case No. : <u>GTS20231208004-1-51</u>	
Ambient Condition: <u>22</u> °C, <u>49</u> %RH,	
Test Date: <u>2024.2.27</u>	Test Engineer: <u>Evan ouyang</u>

Appendix C.1: DTS Bandwidth

Test Result

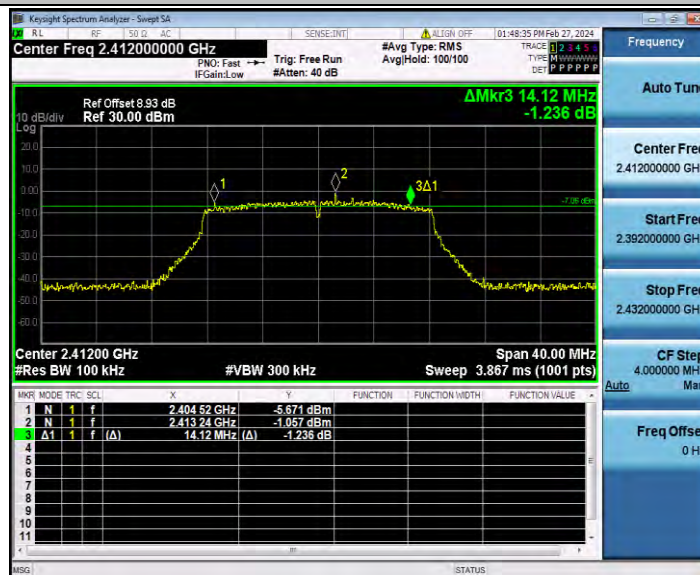
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	7.680	2408.240	2415.920	0.5	PASS
		2437	7.720	2433.120	2440.840	0.5	PASS
		2462	7.800	2458.000	2465.800	0.5	PASS
11G	Ant1	2412	14.120	2404.520	2418.640	0.5	PASS
		2437	15.600	2429.200	2444.800	0.5	PASS
		2462	16.280	2453.840	2470.120	0.5	PASS
11N20SISO	Ant1	2412	11.920	2405.720	2417.640	0.5	PASS
		2437	17.280	2428.480	2445.760	0.5	PASS
		2462	16.000	2453.880	2469.880	0.5	PASS
11N40SISO	Ant1	2422	30.080	2405.760	2435.840	0.5	PASS
		2437	30.400	2421.640	2452.040	0.5	PASS
		2452	31.040	2438.480	2469.520	0.5	PASS
11AX20SISO	Ant1	2412	16.040	2403.680	2419.720	0.5	PASS
		2437	17.480	2428.360	2445.840	0.5	PASS
		2462	16.760	2452.920	2469.680	0.5	PASS
11AX40SISO	Ant1	2422	33.200	2404.480	2437.680	0.5	PASS
		2437	32.160	2419.480	2451.640	0.5	PASS
		2452	27.680	2437.680	2465.360	0.5	PASS

Test Graphs





11G_Ant1_2412



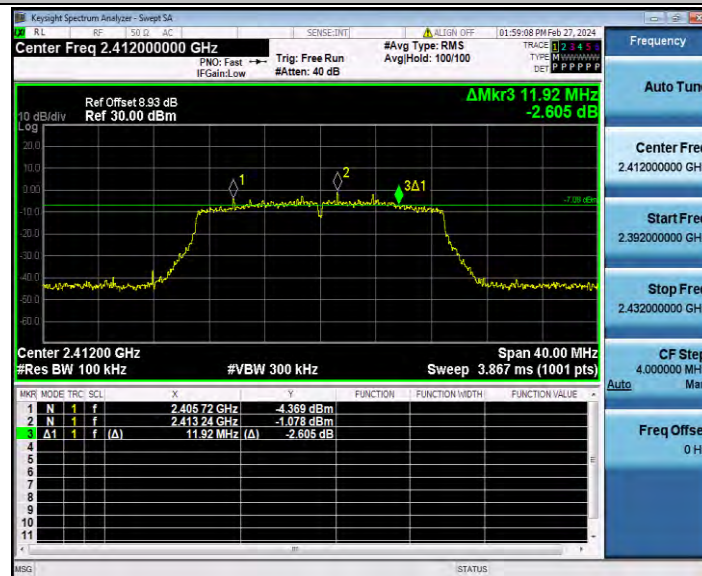
11G_Ant1_2437



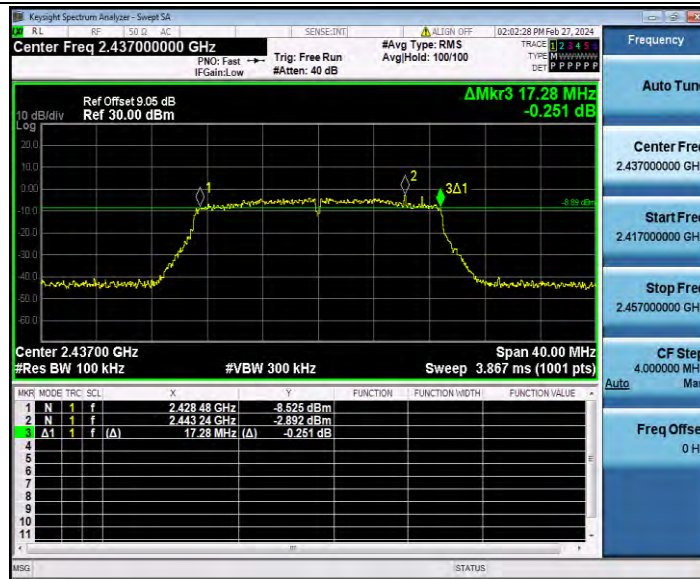
11G_Ant1_2462



11N20SISO_Ant1_2412



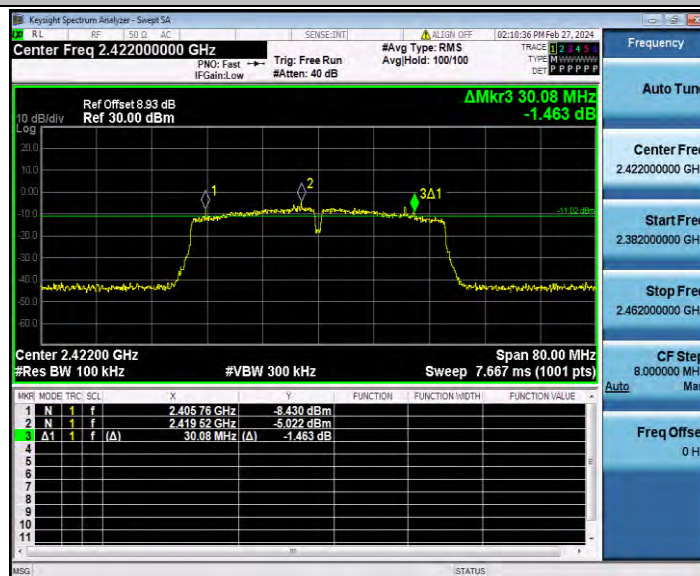
11N20SISO_Ant1_2437



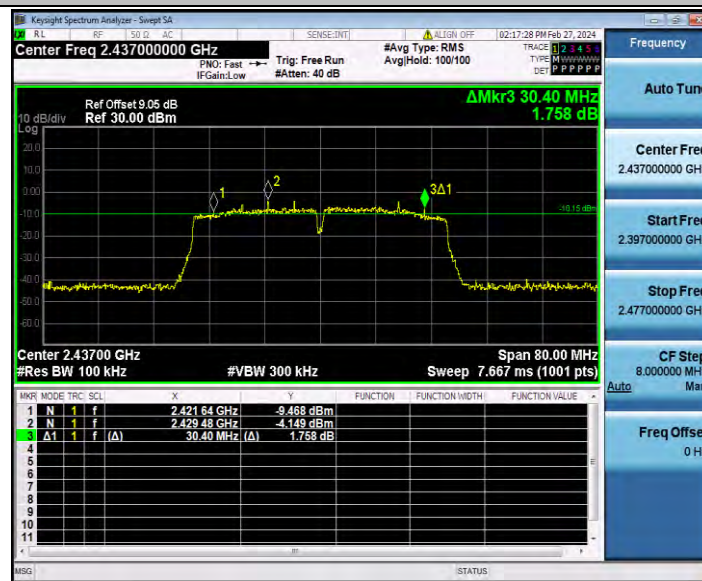
11N20SISO_Ant1_2462



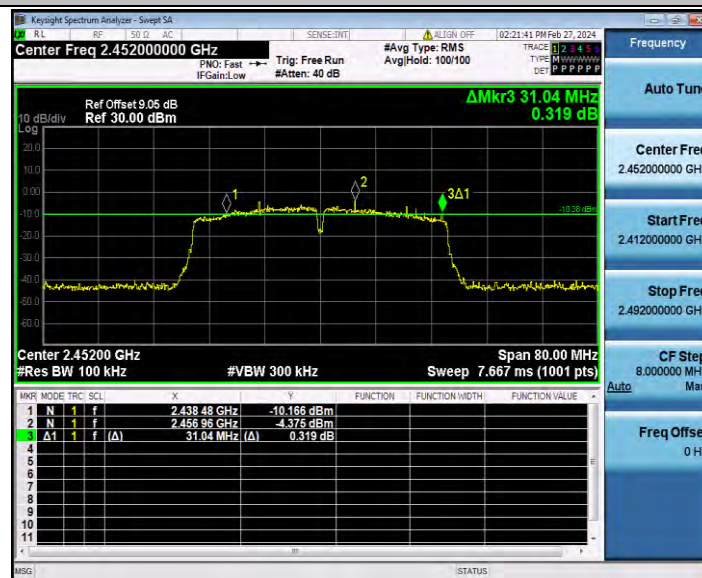
11N40SISO_Ant1_2422



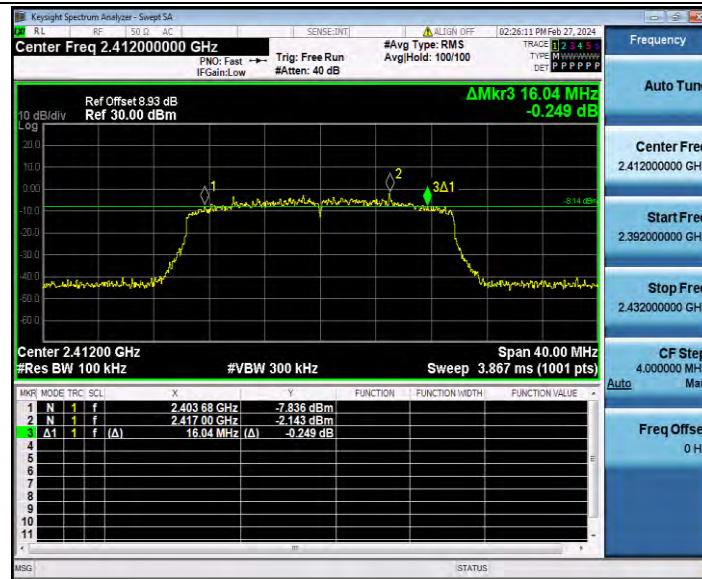
11N40SISO_Ant1_2437



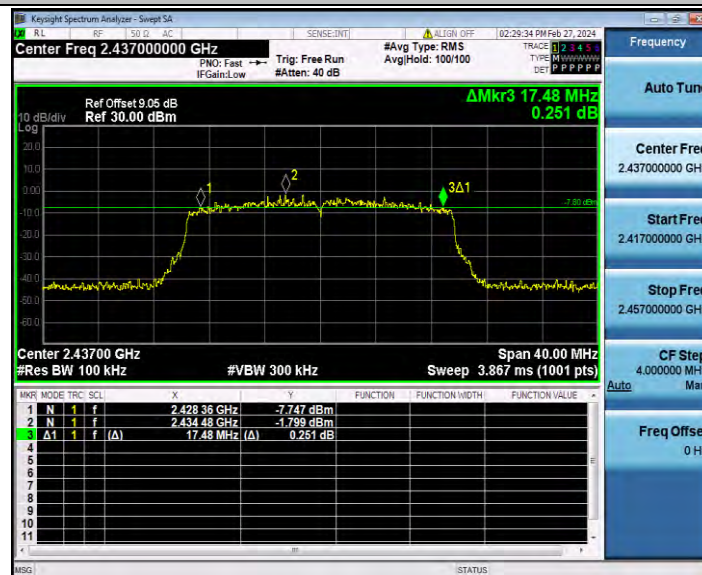
11N40SISO_Ant1_2452



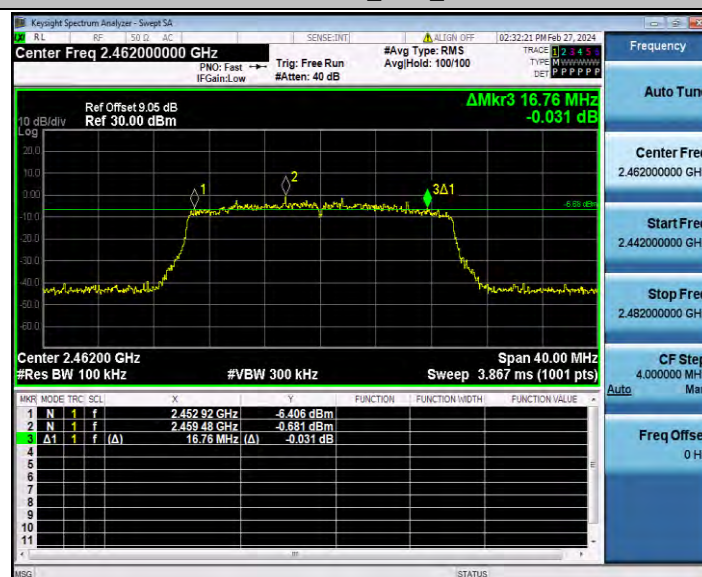
11AX20SISO_Ant1_2412



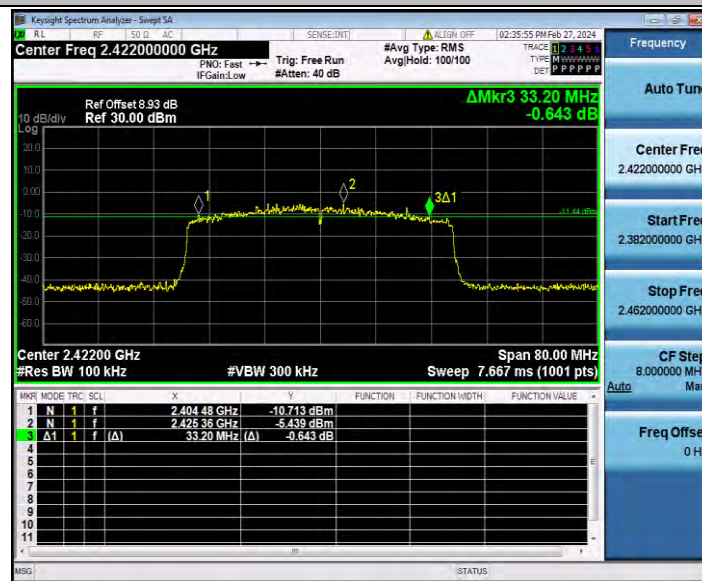
11AX20SISO_Ant1_2437



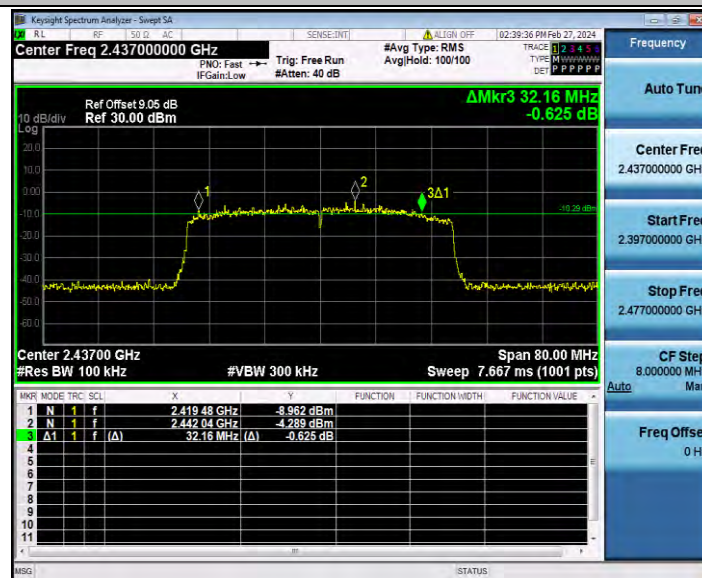
11AX20SISO_Ant1_2462



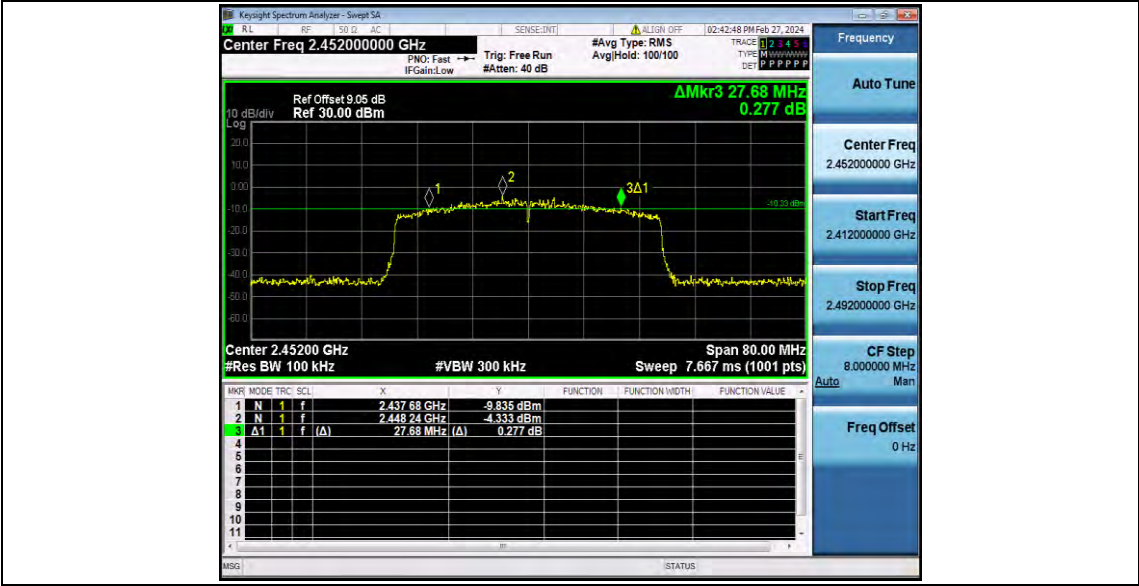
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



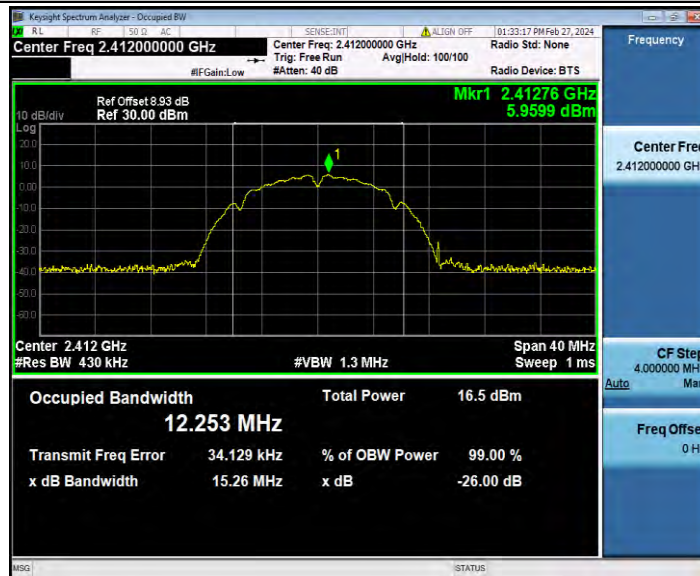
Appendix C.2: Occupied Channel Bandwidth

Test Result

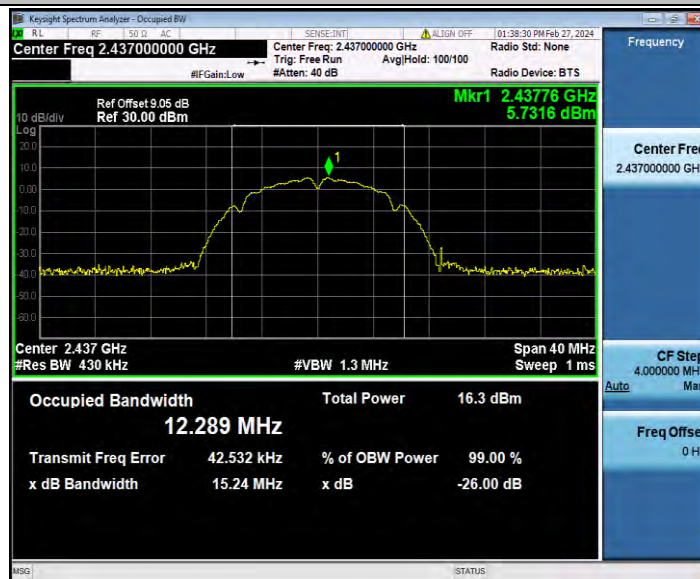
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.253	2405.9076	2418.1606	---	---
		2437	12.289	2430.8980	2443.1870	---	---
		2462	12.240	2455.8359	2468.0759	---	---
11G	Ant1	2412	16.780	2403.6301	2420.4101	---	---
		2437	16.748	2428.6102	2445.3582	---	---
		2462	16.766	2453.6051	2470.3711	---	---
11N20SISO	Ant1	2412	17.759	2403.1375	2420.8965	---	---
		2437	17.788	2428.1221	2445.9101	---	---
		2462	17.776	2453.0733	2470.8493	---	---
11N40SISO	Ant1	2422	35.856	2404.0421	2439.8981	---	---
		2437	35.923	2418.9663	2454.8893	---	---
		2452	35.822	2434.0607	2469.8827	---	---
11AX20SISO	Ant1	2412	18.844	2402.5742	2421.4182	---	---
		2437	18.902	2427.5652	2446.4672	---	---
		2462	18.820	2452.5260	2471.3460	---	---
11AX40SISO	Ant1	2422	37.177	2403.3808	2440.5578	---	---
		2437	37.285	2418.3282	2455.6132	---	---
		2452	37.245	2433.3626	2470.6076	---	---

Test Graphs

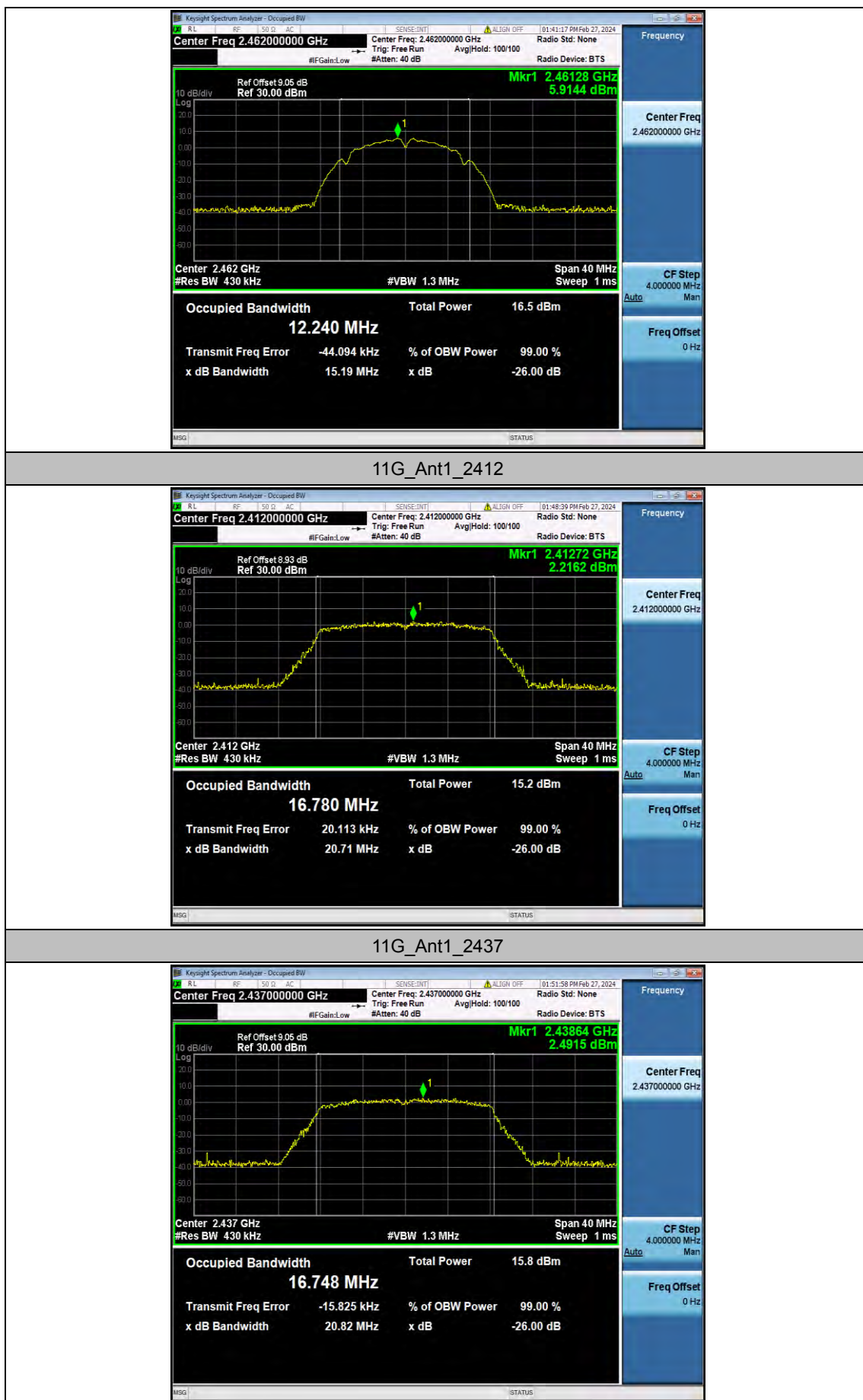
11B_Ant1_2412



11B_Ant1_2437



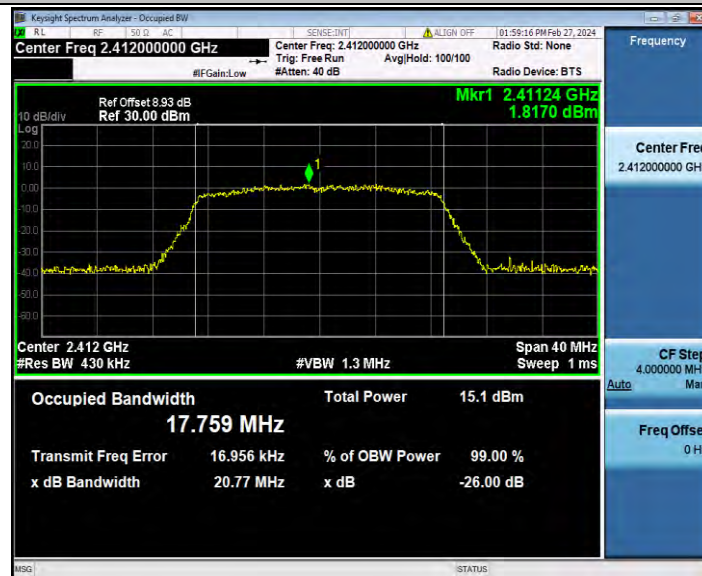
11B_Ant1_2462



11G_Ant1_2462



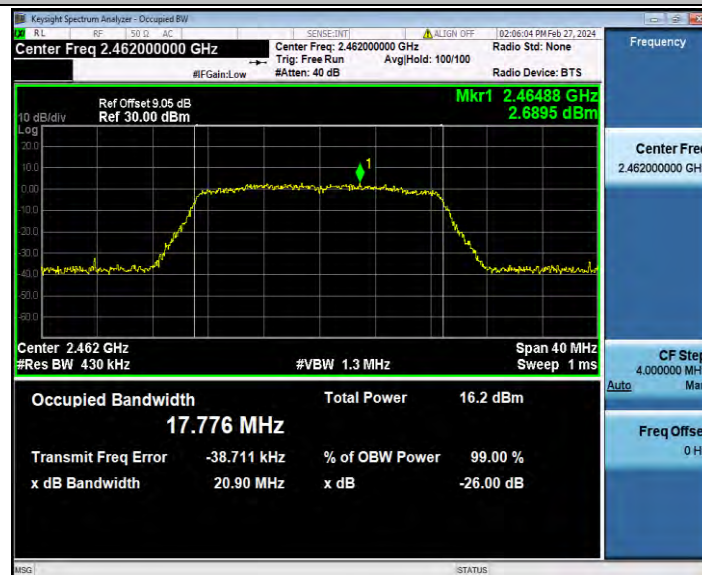
11N20SISO_Ant1_2412



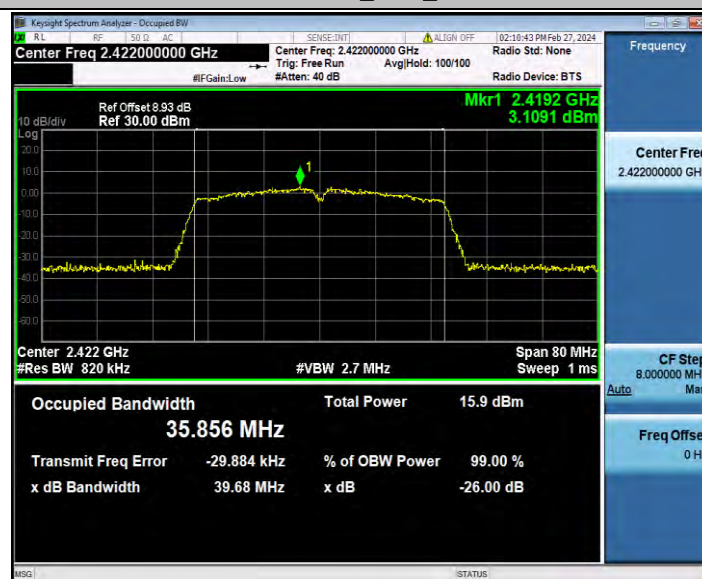
11N20SISO_Ant1_2437



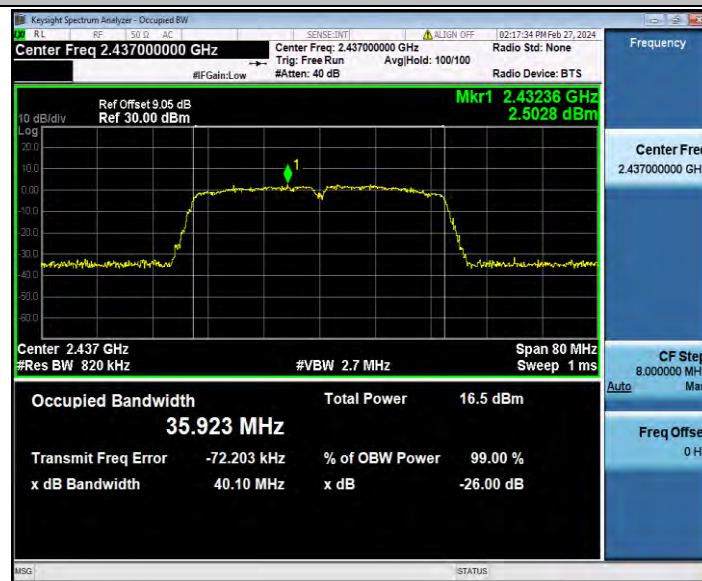
11N20SISO_Ant1_2462



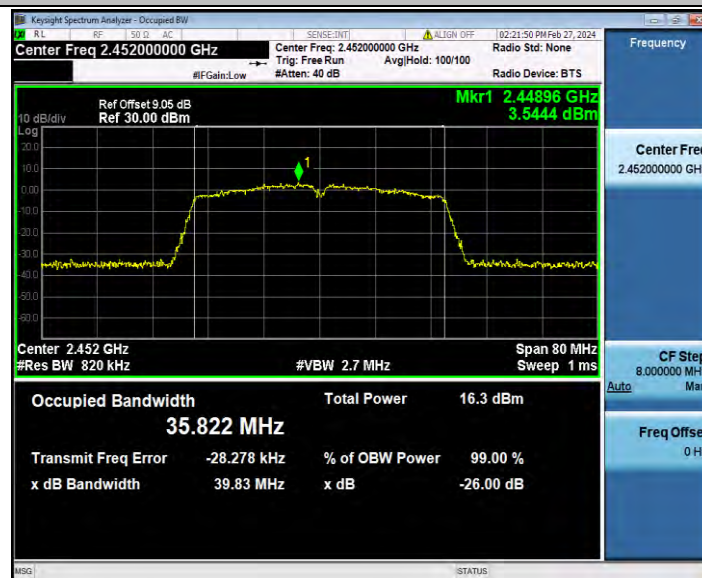
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



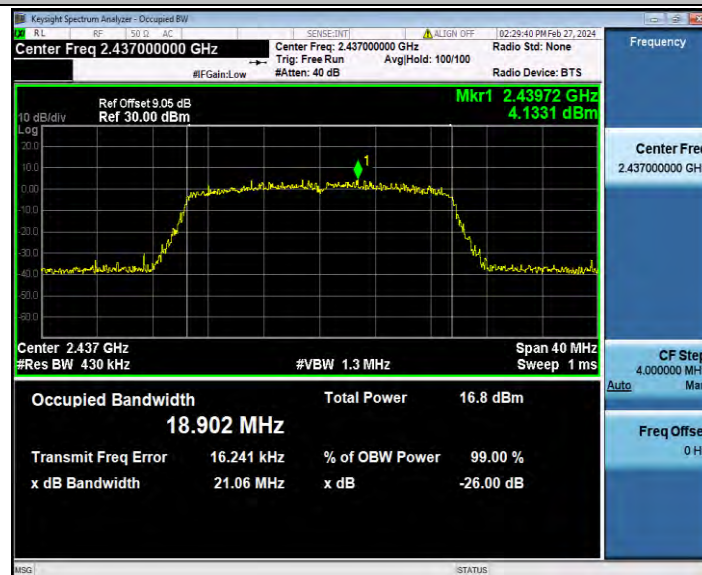
11N40SISO_Ant1_2452



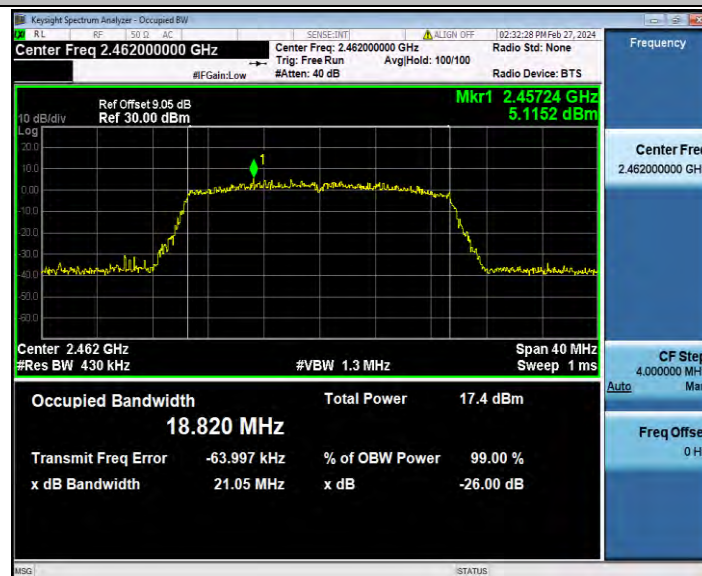
11AX20SISO_Ant1_2412



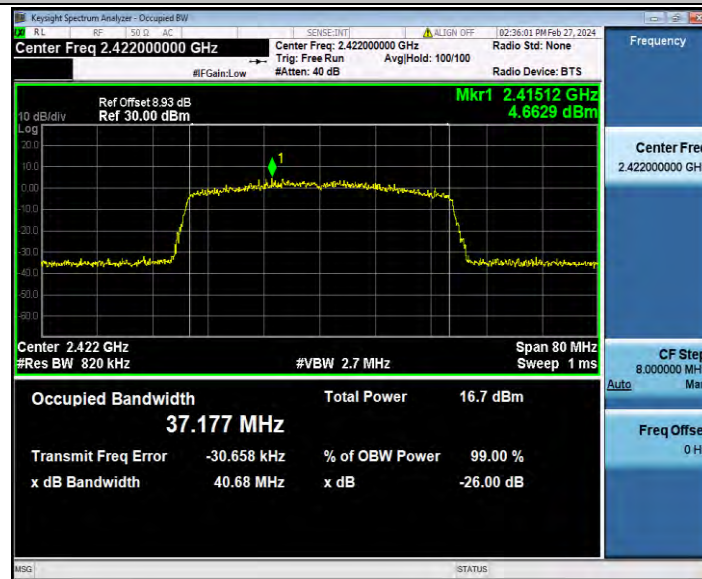
11AX20SISO_Ant1_2437



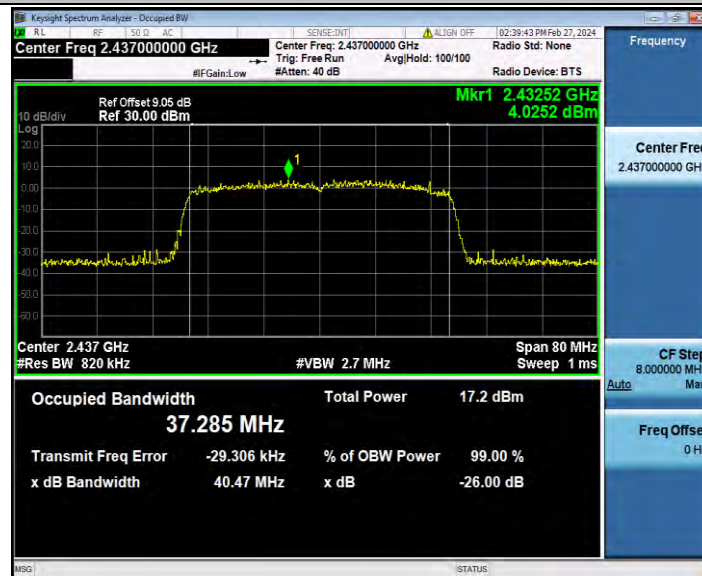
11AX20SISO_Ant1_2462



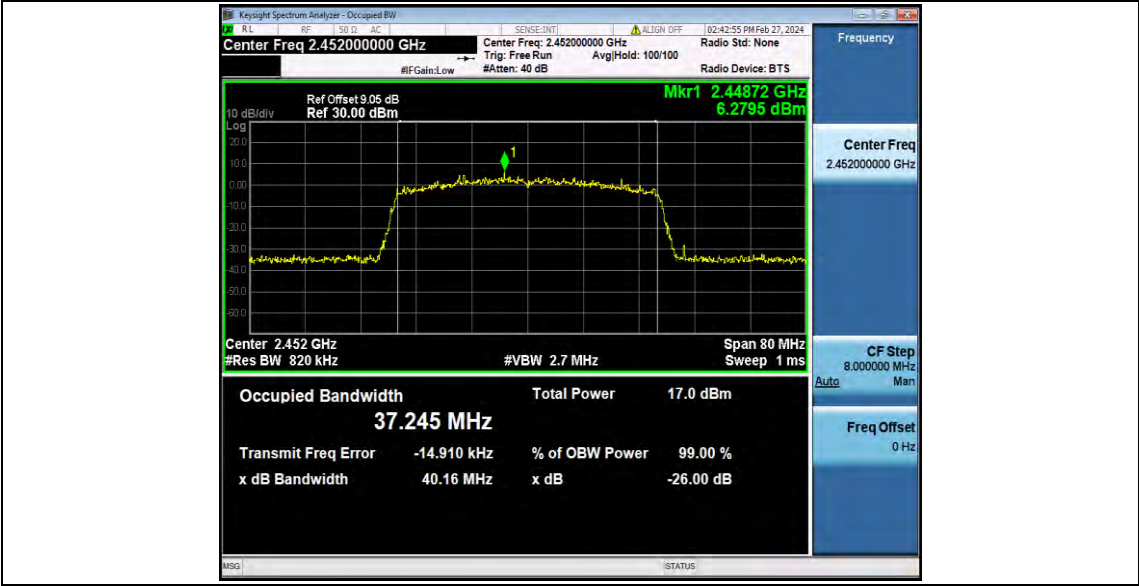
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix C.3: Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency [MHz]	Average power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	16.18	0	0	16.18	≤30.00	PASS
		2437	16.00	0	0	16.00	≤30.00	PASS
		2462	16.16	0	0	16.16	≤30.00	PASS
11G	Ant1	2412	16.46	0	0	16.46	≤30.00	PASS
		2437	16.92	0	0	16.92	≤30.00	PASS
		2462	17.60	0	0	17.60	≤30.00	PASS
11N20 SISO	Ant1	2412	16.35	0	0	16.35	≤30.00	PASS
		2437	16.83	0	0	16.83	≤30.00	PASS
		2462	17.49	0	0	17.49	≤30.00	PASS
11N40 SISO	Ant1	2422	16.25	0	0	16.25	≤30.00	PASS
		2437	16.90	0	0	16.90	≤30.00	PASS
		2452	16.70	0	0	16.70	≤30.00	PASS
11AX20 SISO	Ant1	2412	16.86	0	0	16.86	≤30.00	PASS
		2437	17.41	0	0	17.41	≤30.00	PASS
		2462	17.98	0	0	17.98	≤30.00	PASS
11AX40 SISO	Ant1	2422	16.84	0	0	16.84	≤30.00	PASS
		2437	17.37	0	0	17.37	≤30.00	PASS
		2452	17.15	0	0	17.15	≤30.00	PASS

Note:

1.The Duty Cycle Factor and RBW Factor is compensated in the data.

Appendix C.4: Maximum power spectral density

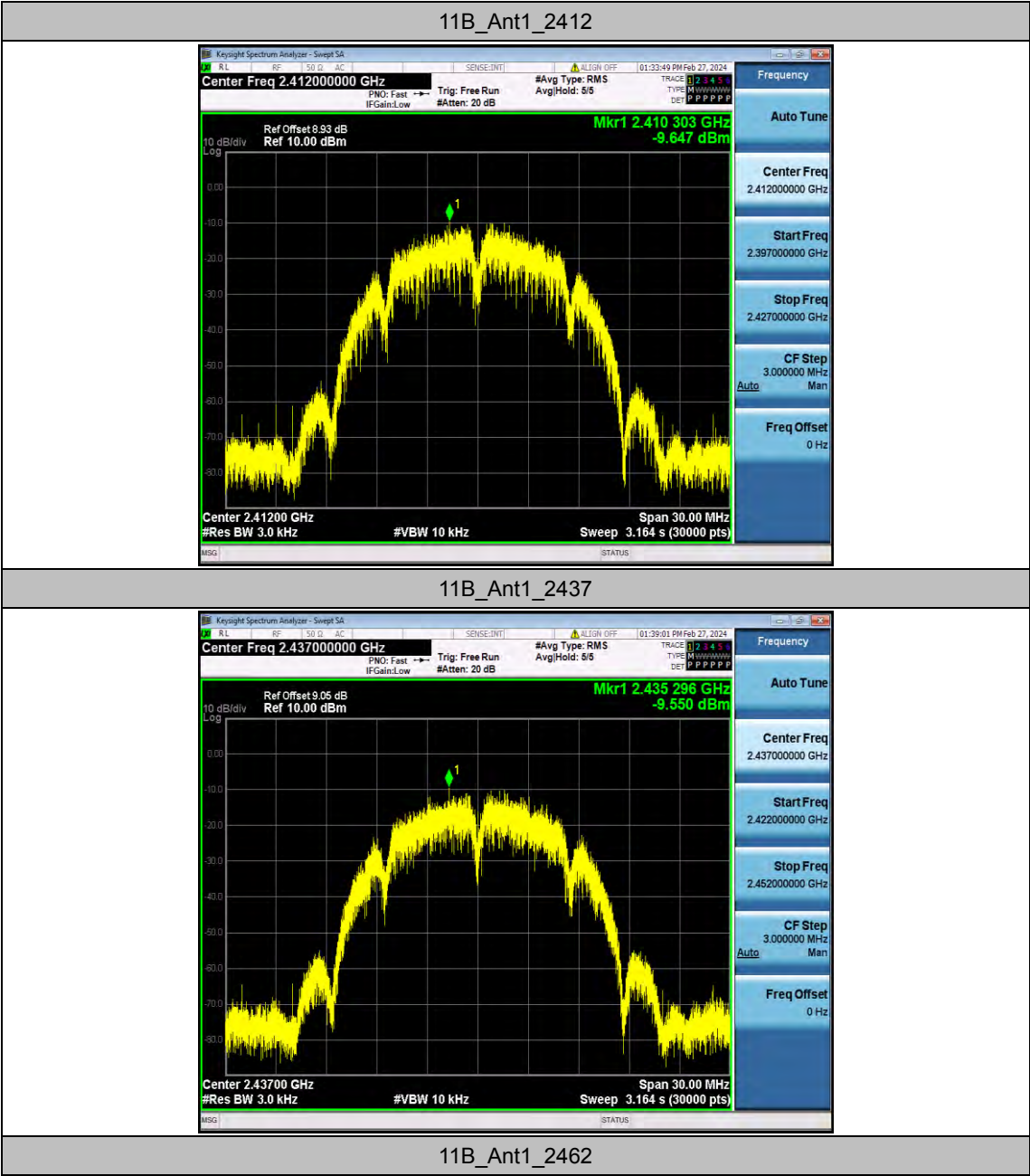
Test Result

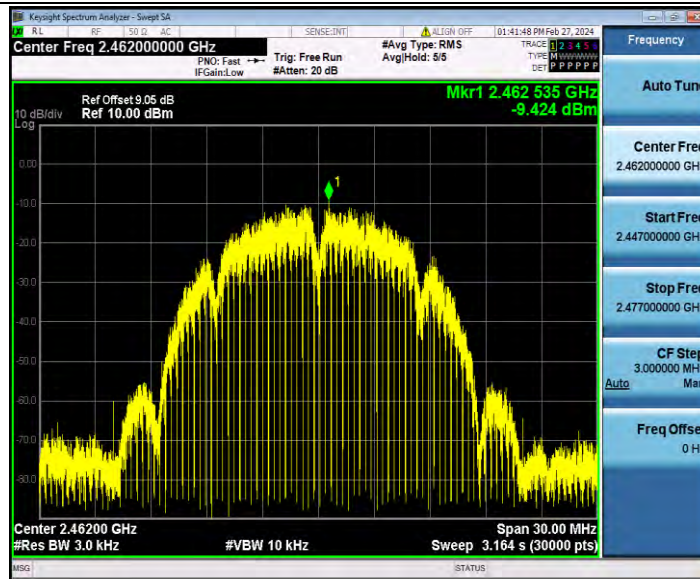
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-9.65	≤8.00	PASS
		2437	-9.55	≤8.00	PASS
		2462	-9.42	≤8.00	PASS
11G	Ant1	2412	-15.08	≤8.00	PASS
		2437	-15.09	≤8.00	PASS
		2462	-11.81	≤8.00	PASS
11N20SISO	Ant1	2412	-15.65	≤8.00	PASS
		2437	-15.42	≤8.00	PASS
		2462	-14.73	≤8.00	PASS
11N40SISO	Ant1	2422	-18.49	≤8.00	PASS
		2437	-18.12	≤8.00	PASS
		2452	-18.15	≤8.00	PASS
11AX20SISO	Ant1	2412	-16.64	≤8.00	PASS
		2437	-16.38	≤8.00	PASS
		2462	-15.74	≤8.00	PASS
11AX40SISO	Ant1	2422	-19.33	≤8.00	PASS
		2437	-18.64	≤8.00	PASS
		2452	-18.10	≤8.00	PASS

Note:

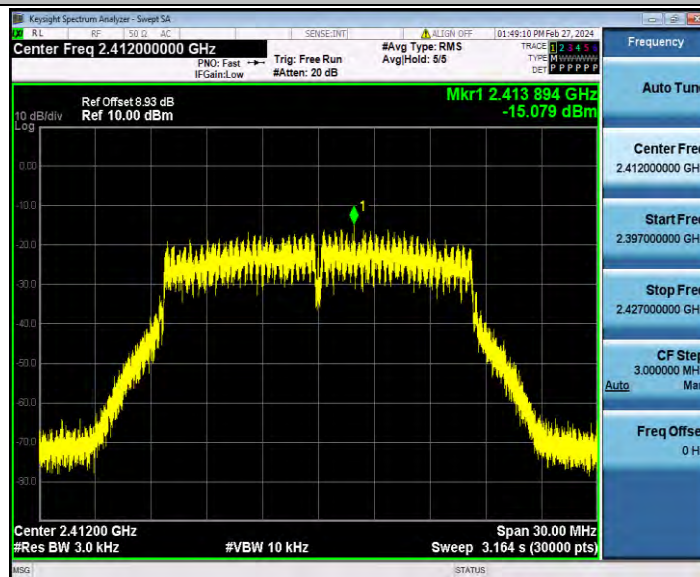
1. The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

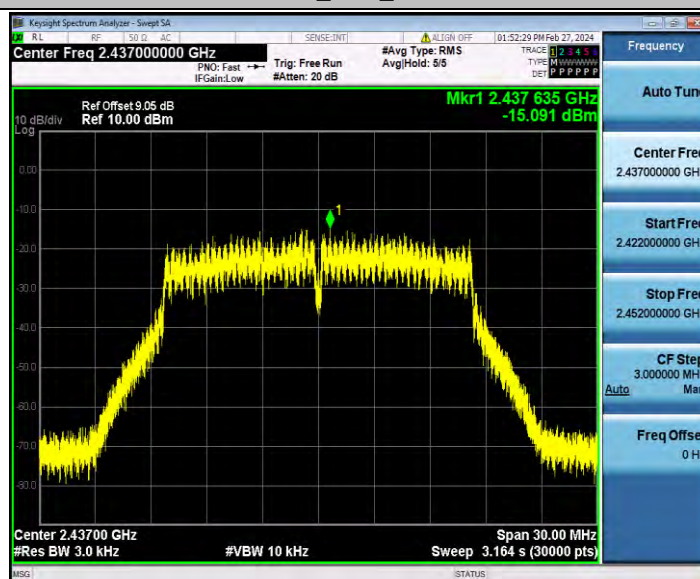




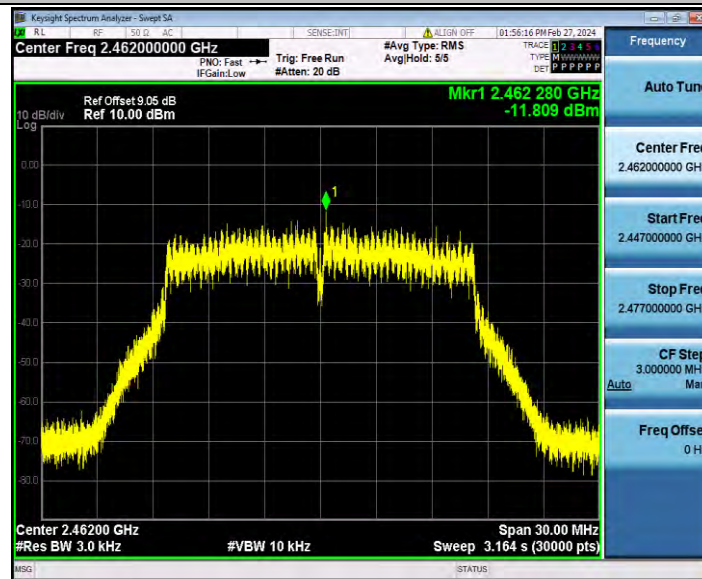
11G_Ant1_2412



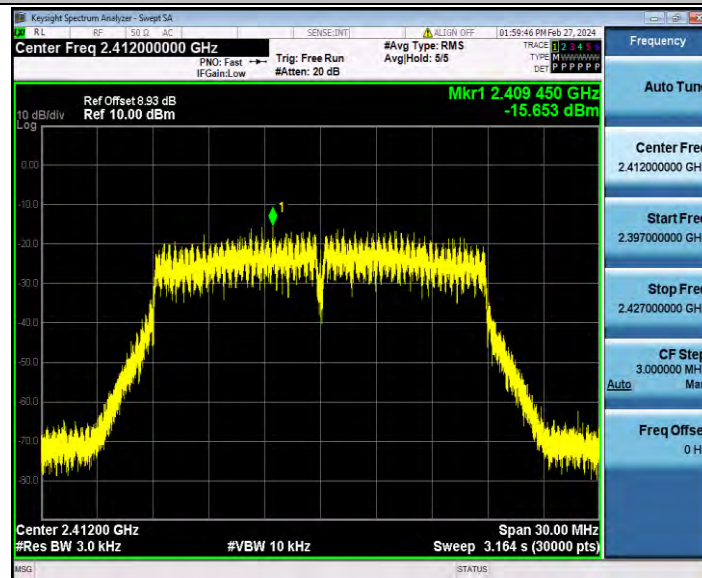
11G_Ant1_2437



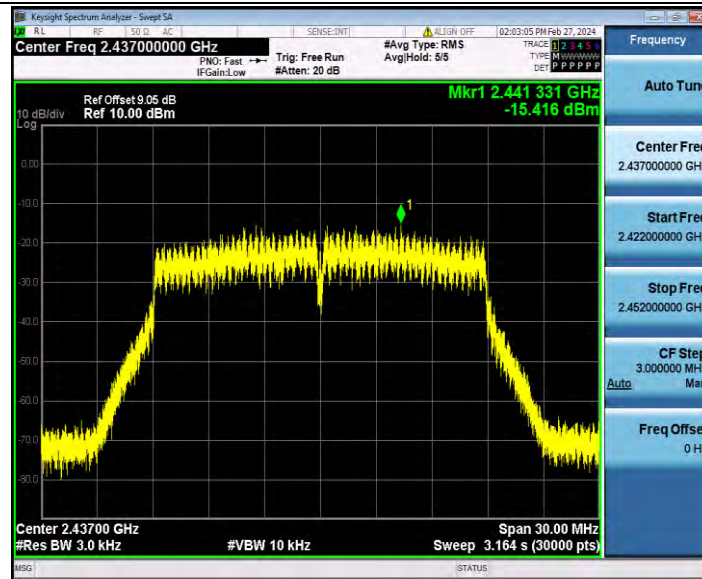
11G_Ant1_2462



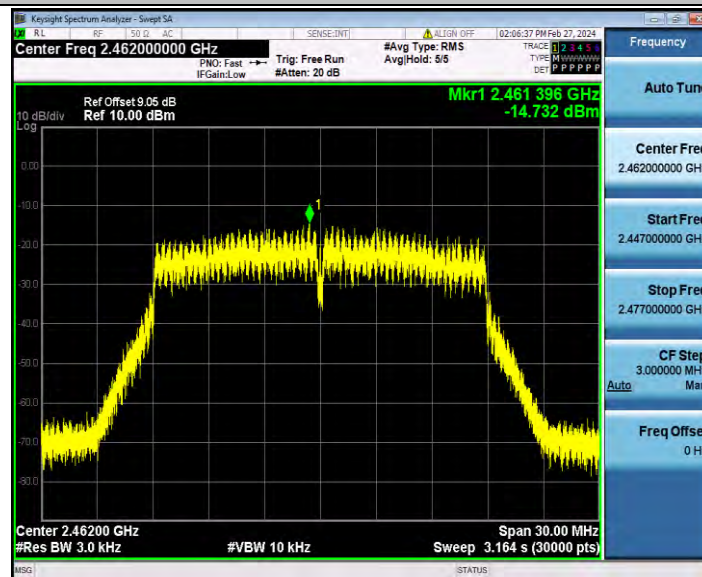
11N20SISO_Ant1_2412



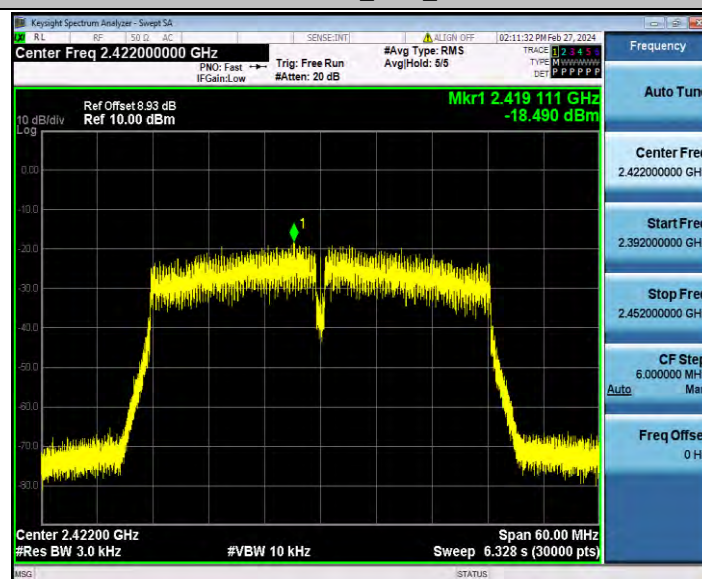
11N20SISO_Ant1_2437



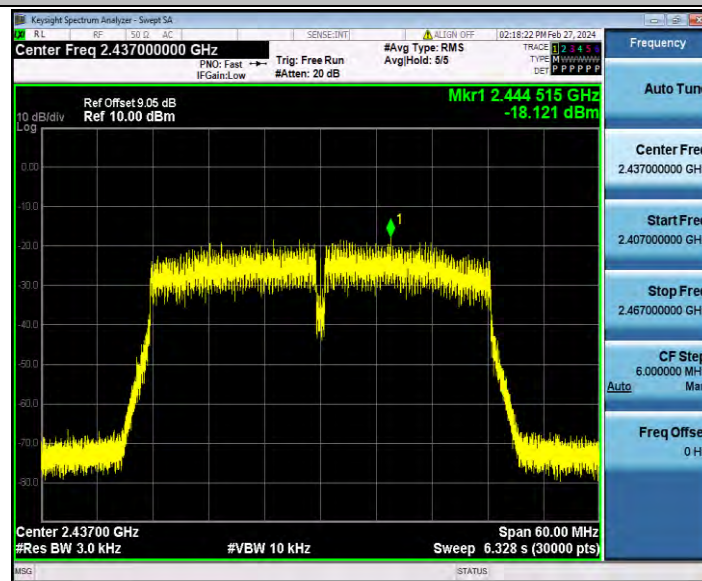
11N20SISO_Ant1_2462



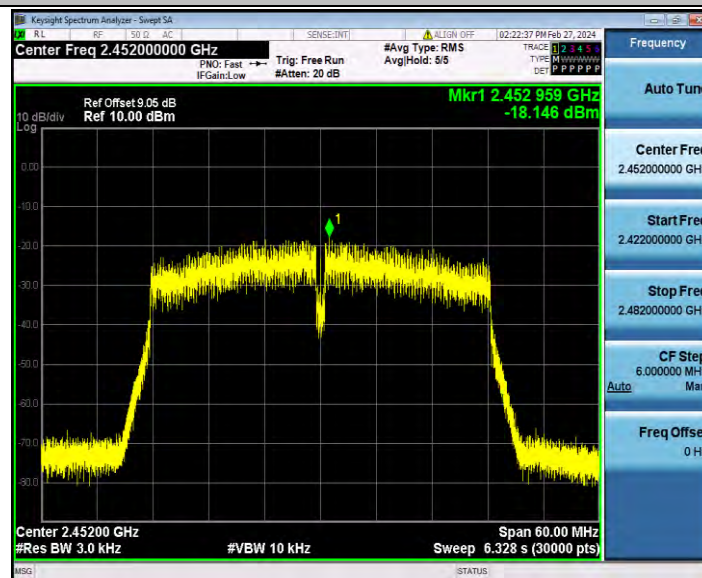
11N40SISO_Ant1_2422



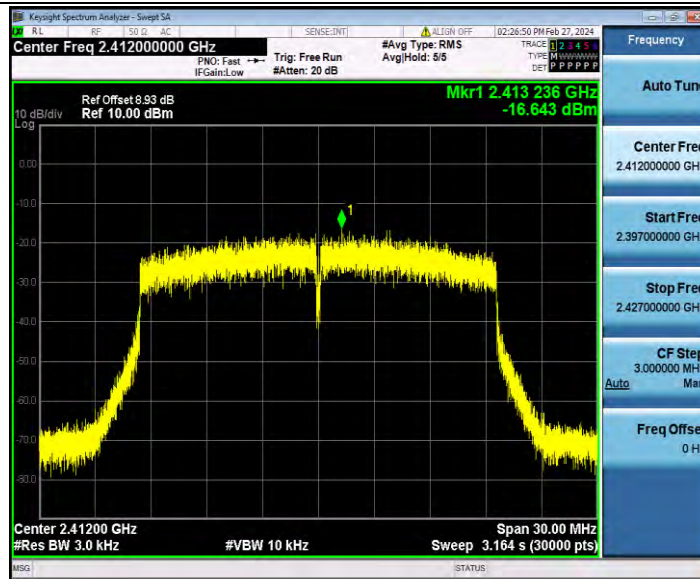
11N40SISO_Ant1_2437



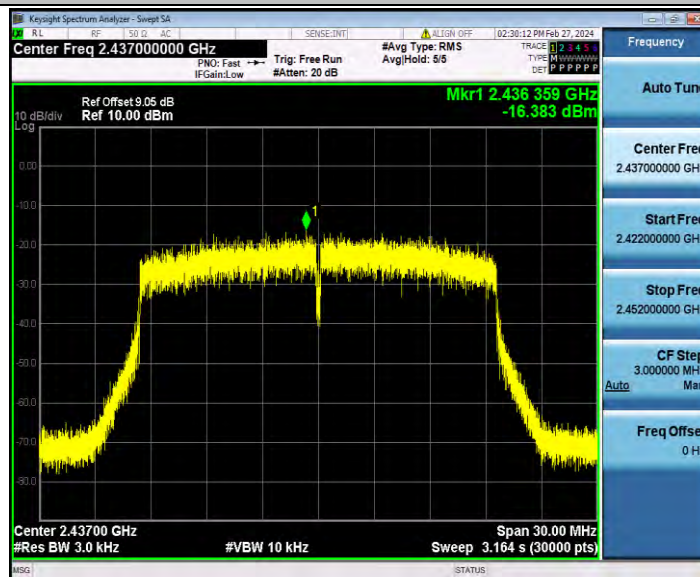
11N40SISO_Ant1_2452



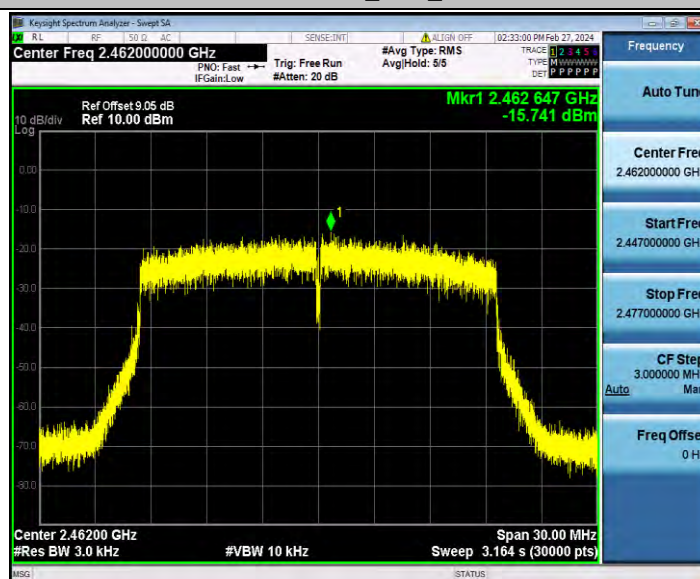
11AX20SISO_Ant1_2412



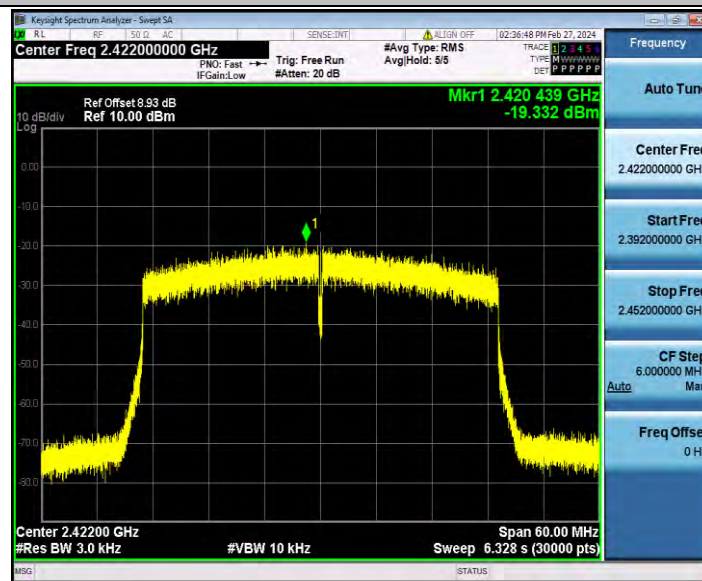
11AX20SISO_Ant1_2437



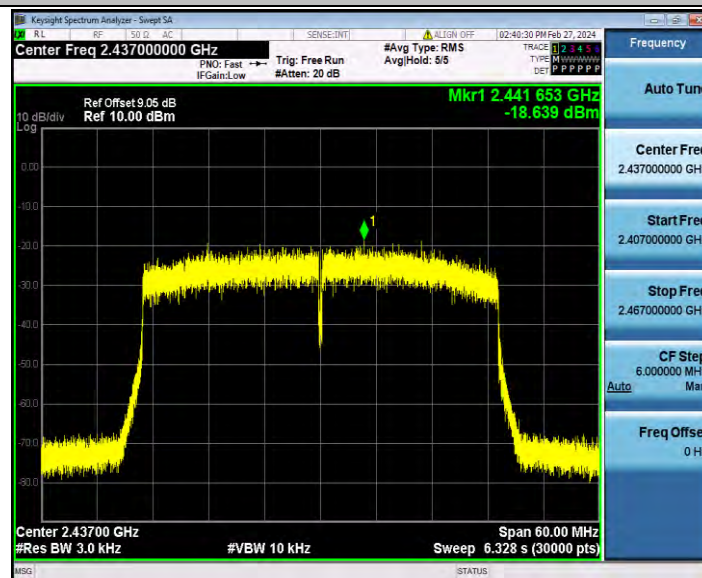
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

