

Case No. : <u>GTS20260805015-1-02</u>
Ambient Condition: <u>23℃,51%RH,</u>
Test Date: <u>2026.8.24-2026.9.15</u> Test Engineer: <u>Evan ouyang</u>

AppendixB.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.080	2406.040	2418.120	0.5	PASS
		2437	12.160	2431.000	2443.160	0.5	PASS
		2462	12.080	2456.040	2468.120	0.5	PASS
11G	Ant1	2412	15.560	2404.240	2419.800	0.5	PASS
		2437	16.120	2429.040	2445.160	0.5	PASS
		2462	16.120	2453.880	2470.000	0.5	PASS
11N20SISO	Ant1	2412	16.680	2403.720	2420.400	0.5	PASS
		2437	16.600	2428.920	2445.520	0.5	PASS
		2462	16.720	2453.760	2470.480	0.5	PASS
11N40SISO	Ant1	2422	35.920	2404.160	2440.080	0.5	PASS
		2437	35.840	2419.240	2455.080	0.5	PASS
		2452	35.760	2434.160	2469.920	0.5	PASS
11AX20SISO	Ant1	2412	18.600	2402.760	2421.360	0.5	PASS
		2437	18.200	2428.120	2446.320	0.5	PASS
		2462	14.600	2454.600	2469.200	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



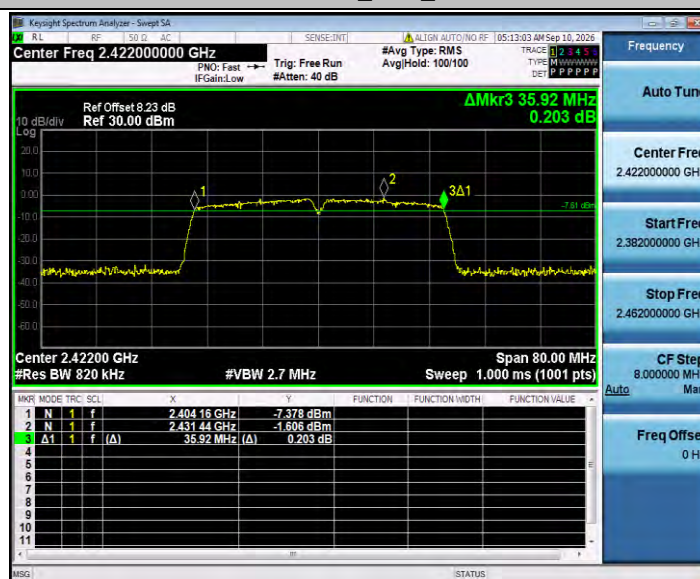
11N20SISO_Ant1_2437



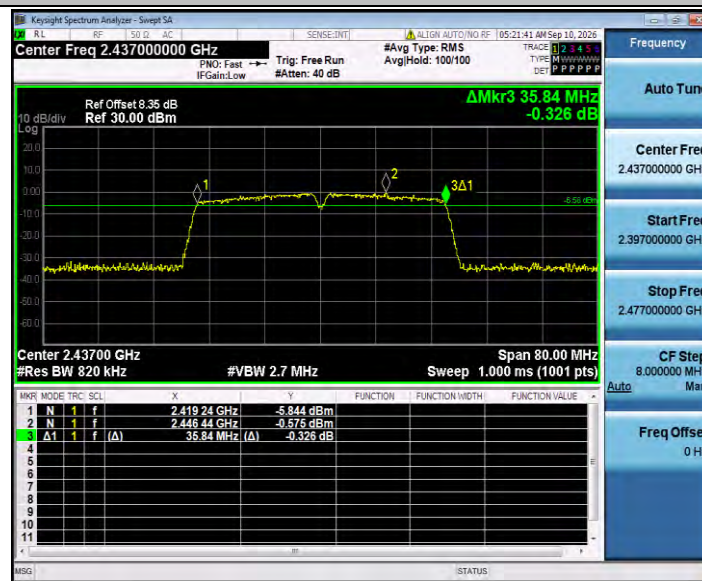
11N20SISO_Ant1_2462



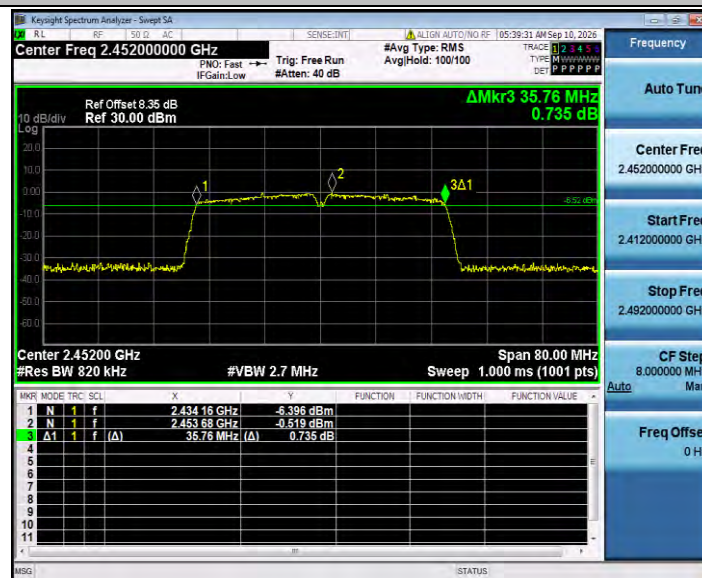
11N40SISO_Ant1_2422



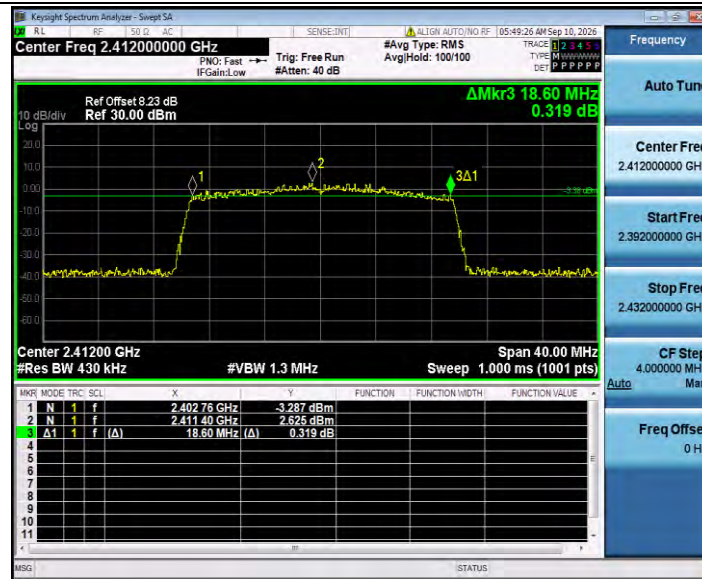
11N40SISO_Ant1_2437



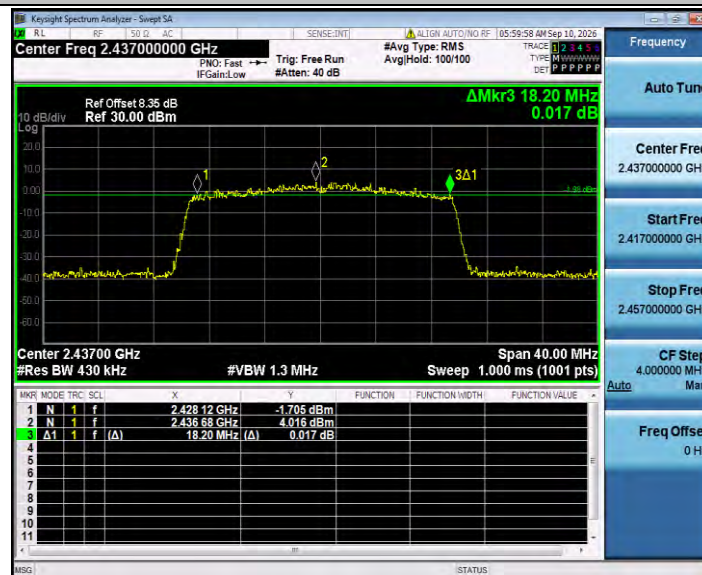
11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



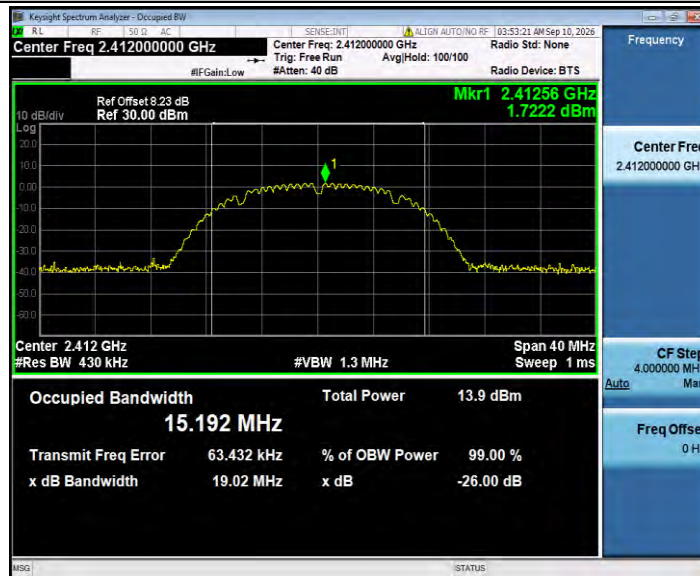
AppendixB.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	15.192	2404.4674	2419.6594	---	---
		2437	15.173	2429.4975	2444.6705	---	---
		2462	15.161	2454.4855	2469.6465	---	---
11G	Ant1	2412	16.283	2403.9343	2420.2173	---	---
		2437	16.440	2428.8378	2445.2778	---	---
		2462	16.440	2453.8324	2470.2724	---	---
11N20SISO	Ant1	2412	17.431	2403.3545	2420.7855	---	---
		2437	17.435	2428.3647	2445.7997	---	---
		2462	17.403	2453.3668	2470.7698	---	---
11N40SISO	Ant1	2422	35.937	2404.1503	2440.0873	---	---
		2437	35.910	2419.1587	2455.0687	---	---
		2452	35.888	2434.1476	2470.0356	---	---
11AX20SISO	Ant1	2412	18.786	2402.6822	2421.4682	---	---
		2437	18.772	2427.7151	2446.4871	---	---
		2462	18.762	2452.6819	2471.4439	---	---

Test Graphs

11B_Ant1_2412



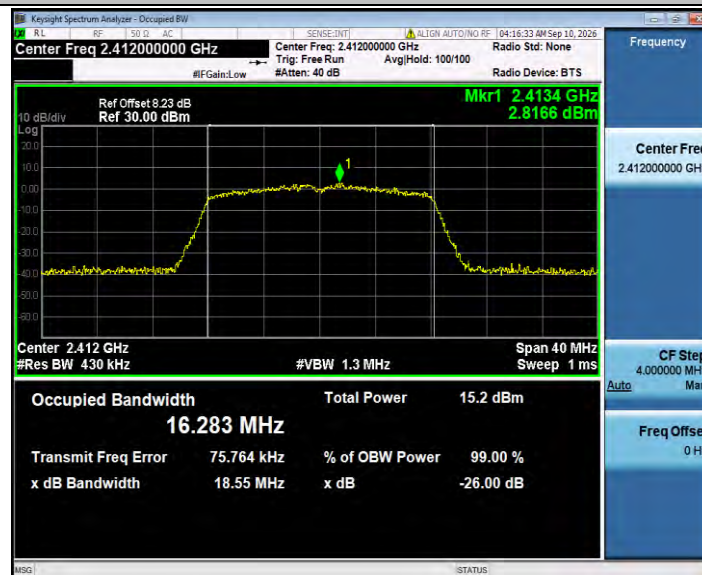
11B_Ant1_2437



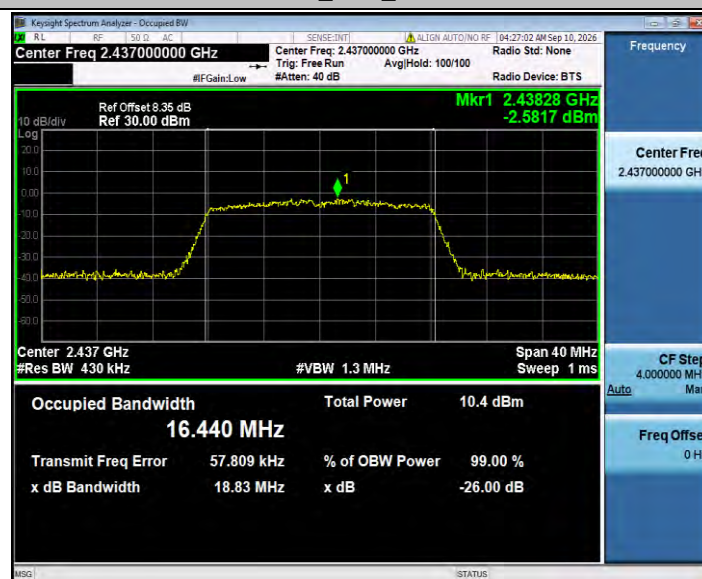
11B_Ant1_2462



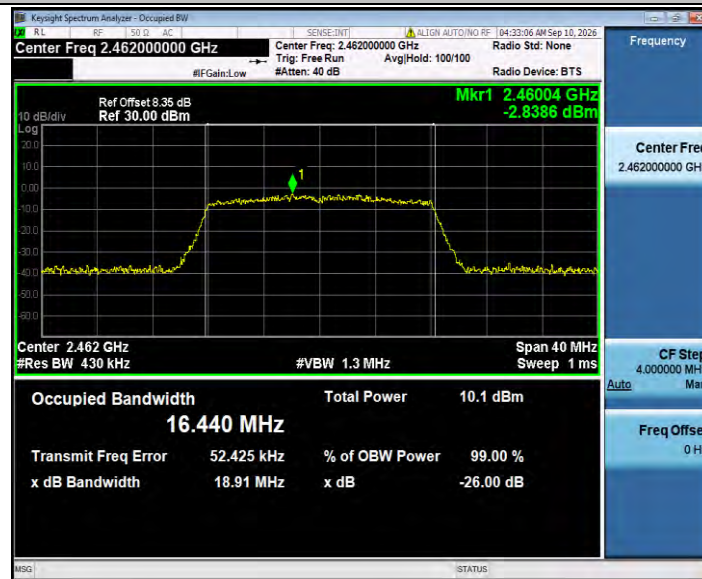
11G_Ant1_2412



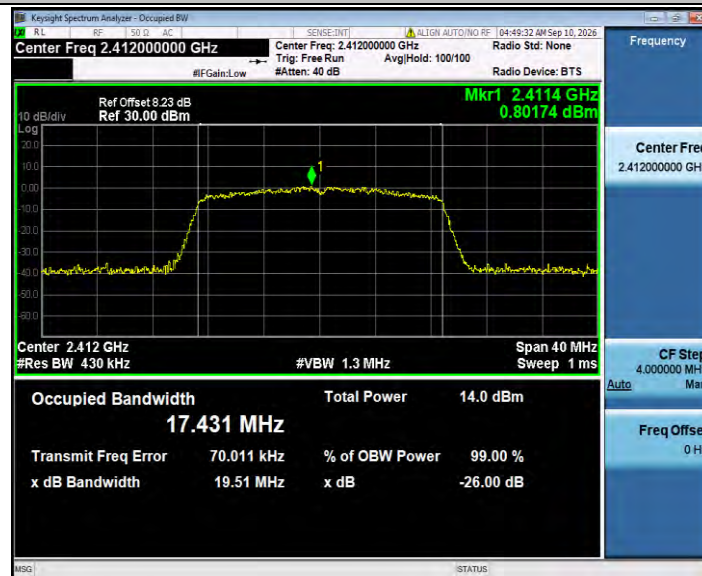
11G_Ant1_2437



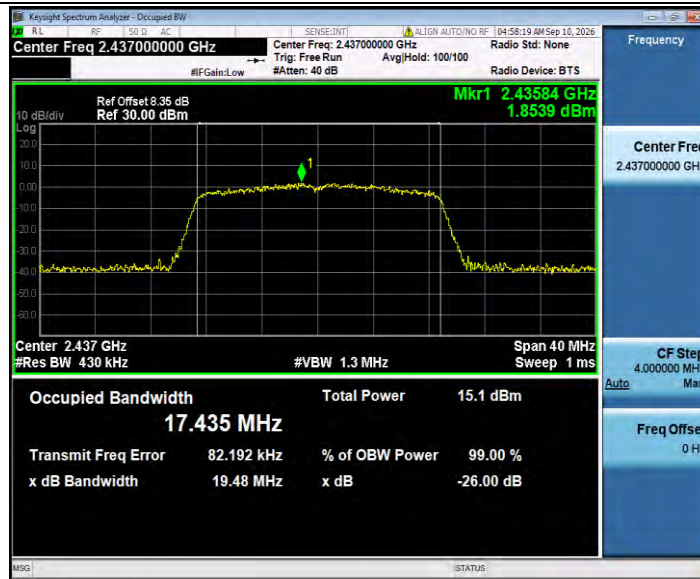
11G_Ant1_2462



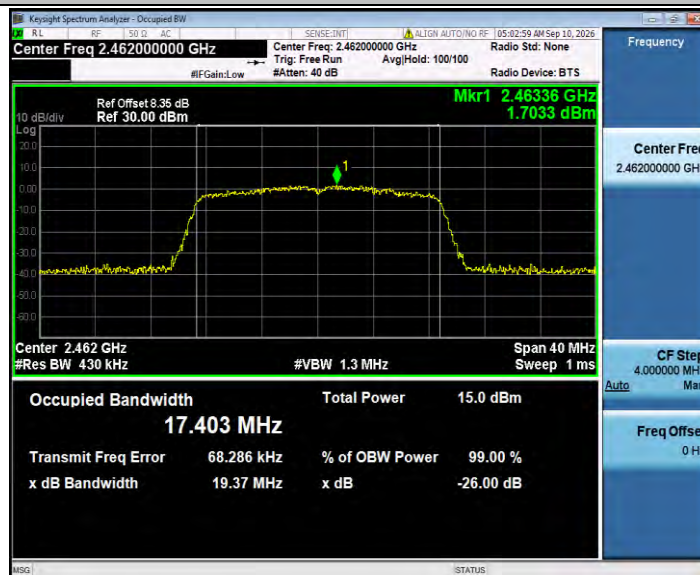
11N20SISO_Ant1_2412



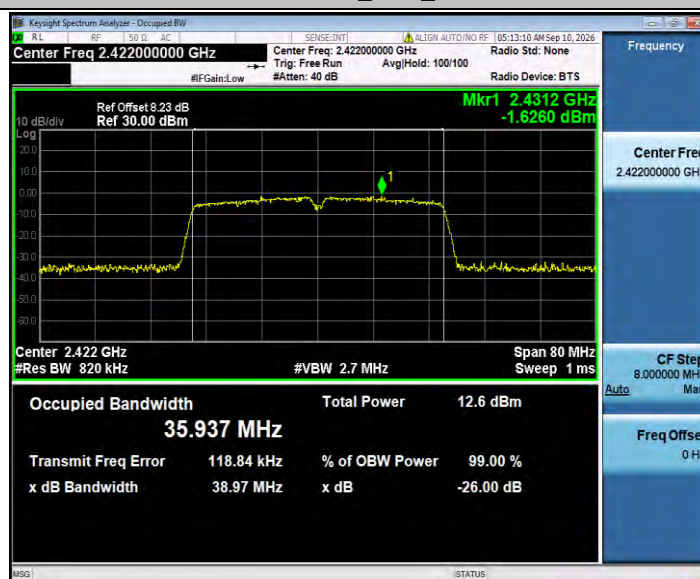
11N20SISO_Ant1_2437



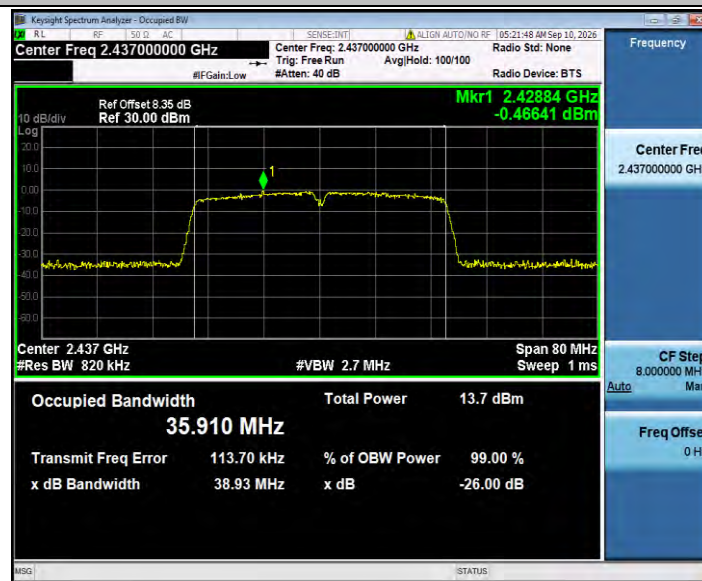
11N20SISO_Ant1_2462



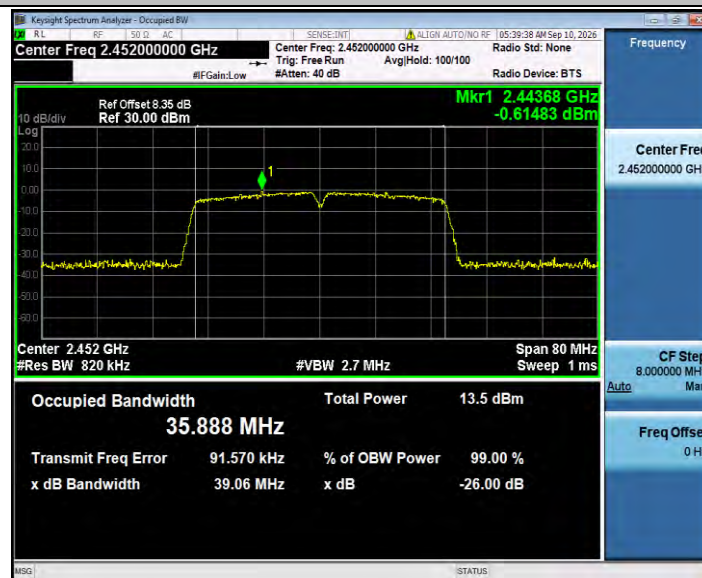
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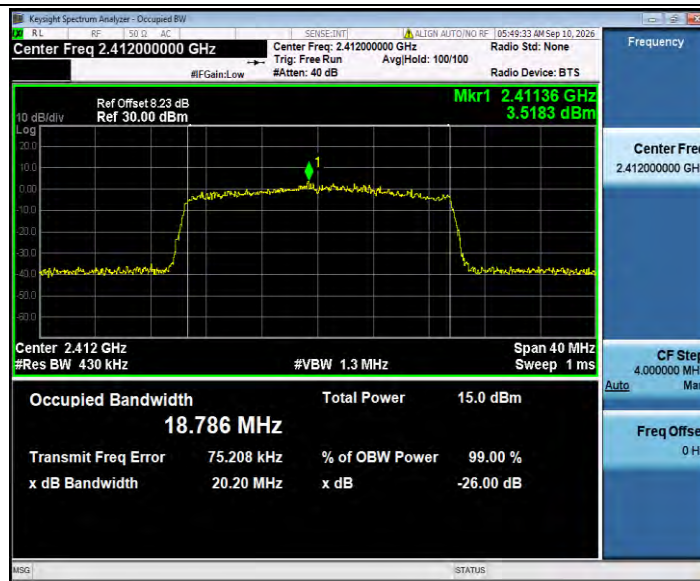
11N40SISO_Ant1_2437



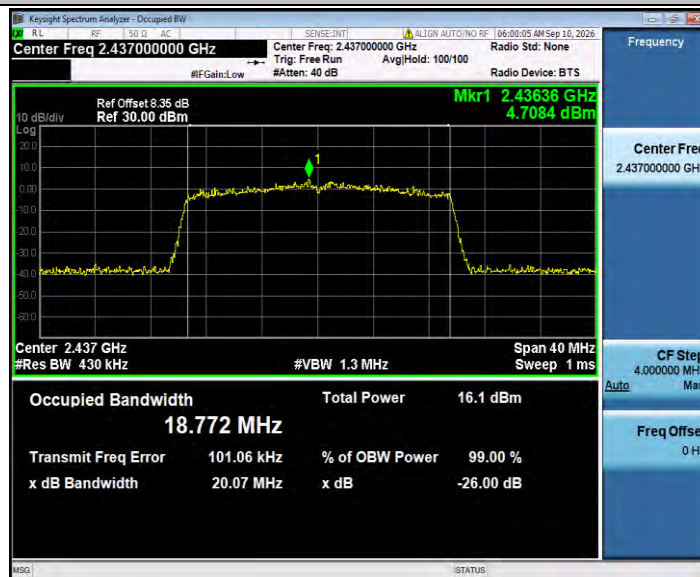
11N40SISO_Ant1_2452



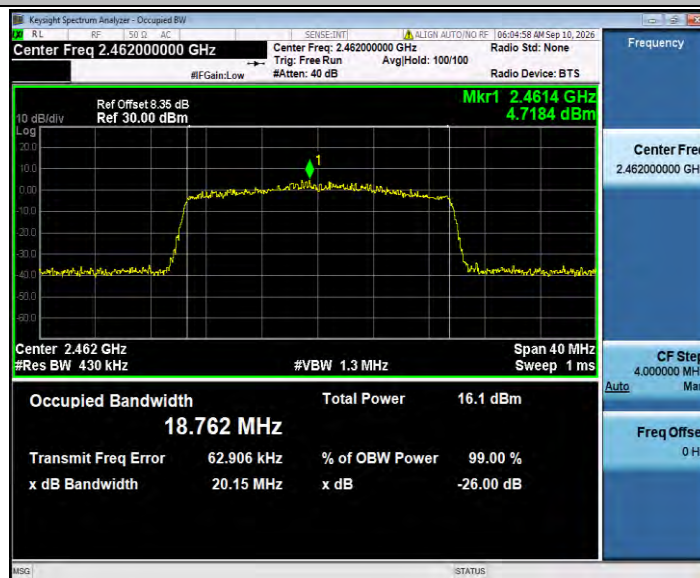
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



AppendixB.3: Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	14.00	≤30.00	PASS
		2437	15.13	≤30.00	PASS
		2462	14.90	≤30.00	PASS
11G	Ant1	2412	16.36	≤30.00	PASS
		2437	11.46	≤30.00	PASS
		2462	11.28	≤30.00	PASS
11N20SISO	Ant1	2412	15.31	≤30.00	PASS
		2437	16.26	≤30.00	PASS
		2462	16.14	≤30.00	PASS
11N40SISO	Ant1	2422	12.97	≤30.00	PASS
		2437	14.06	≤30.00	PASS
		2452	13.83	≤30.00	PASS
11AX20SISO	Ant1	2412	15.82	≤30.00	PASS
		2437	17.08	≤30.00	PASS
		2462	16.95	≤30.00	PASS

AppendixB.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-11.94	≤8.00	PASS
		2437	-10.99	≤8.00	PASS
		2462	-10.91	≤8.00	PASS
11G	Ant1	2412	-15.32	≤8.00	PASS
		2437	-20.66	≤8.00	PASS
		2462	-20.76	≤8.00	PASS
11N20SISO	Ant1	2412	-16.18	≤8.00	PASS
		2437	-15.36	≤8.00	PASS
		2462	-15.32	≤8.00	PASS
11N40SISO	Ant1	2422	-21.93	≤8.00	PASS
		2437	-20.59	≤8.00	PASS
		2452	-21.11	≤8.00	PASS
11AX20SISO	Ant1	2412	-17.29	≤8.00	PASS
		2437	-16.40	≤8.00	PASS
		2462	-16.28	≤8.00	PASS

Test Graphs

11B_Ant1_2412



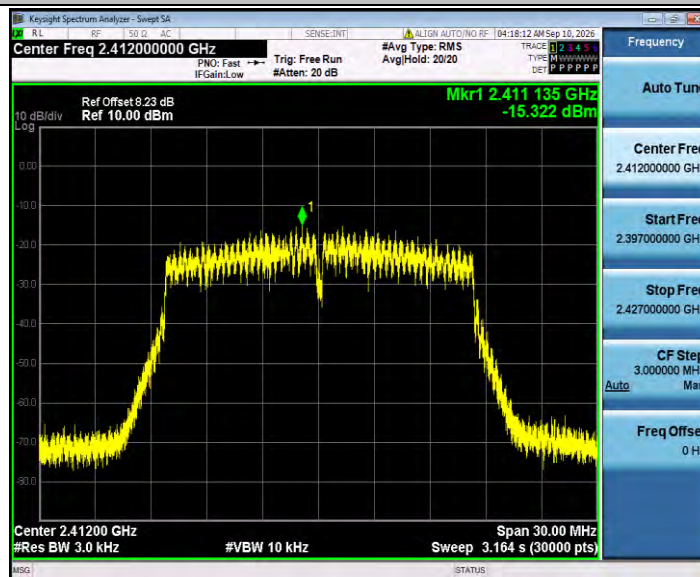
11B_Ant1_2437



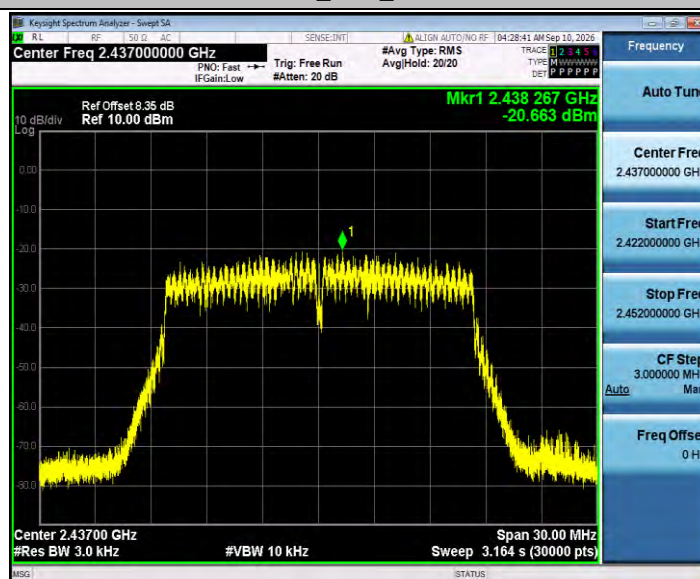
11B_Ant1_2462



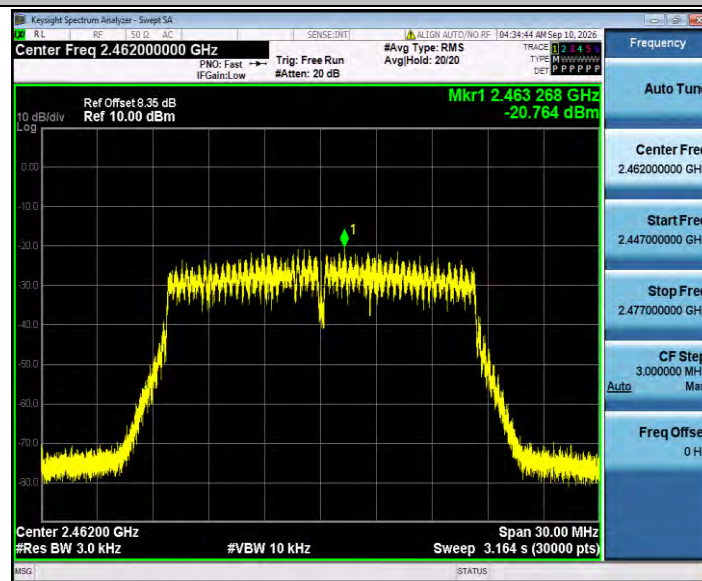
11G_Ant1_2412



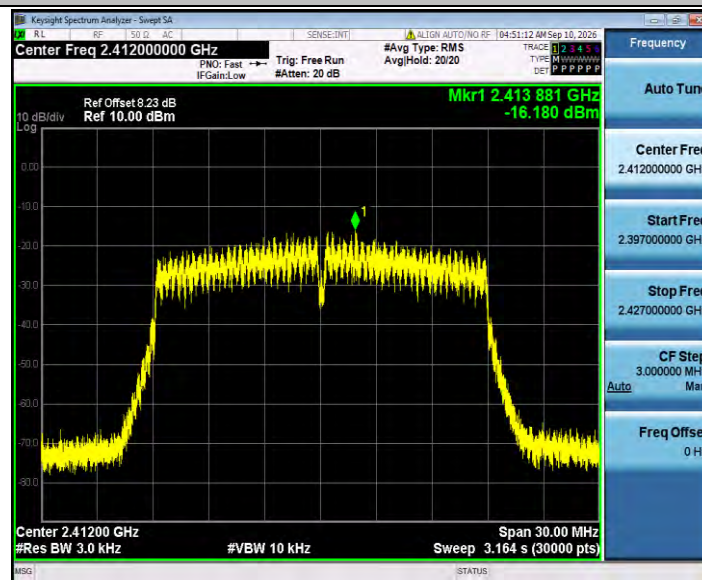
11G_Ant1_2437



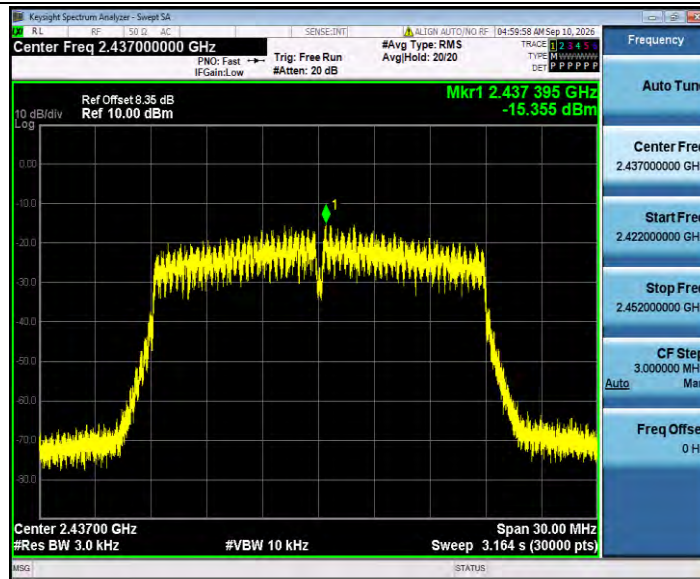
11G_Ant1_2462



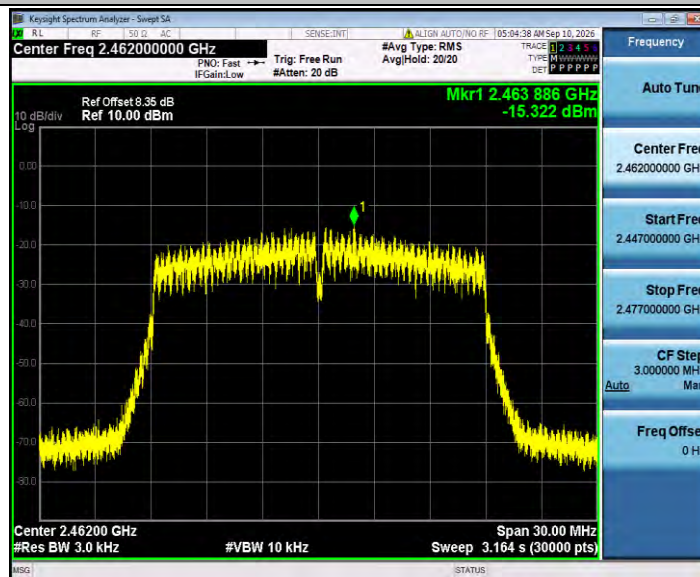
11N20SISO_Ant1_2412



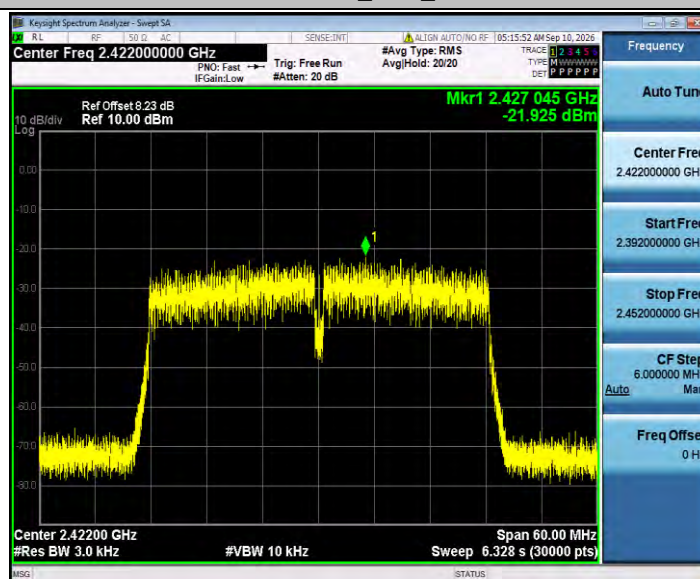
11N20SISO_Ant1_2437



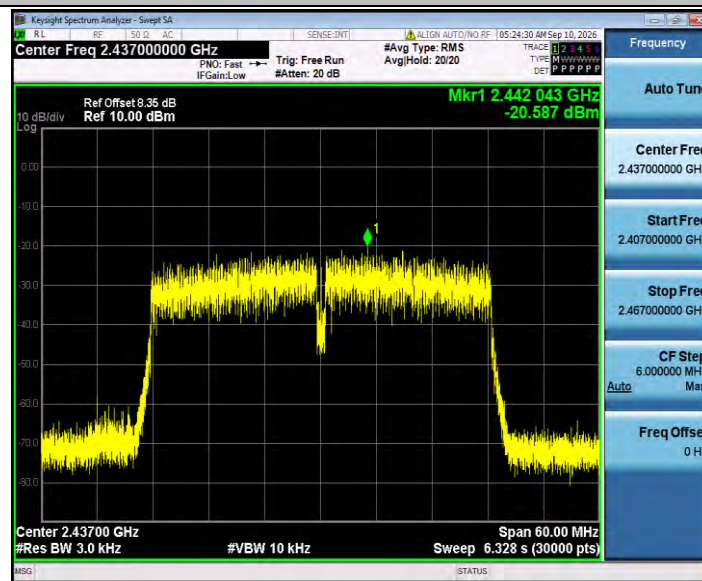
11N20SISO_Ant1_2462



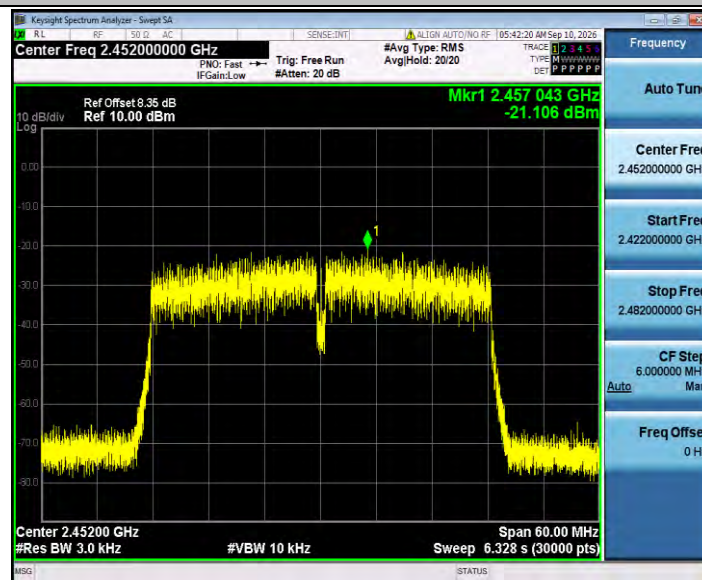
11N40SISO_Ant1_2422



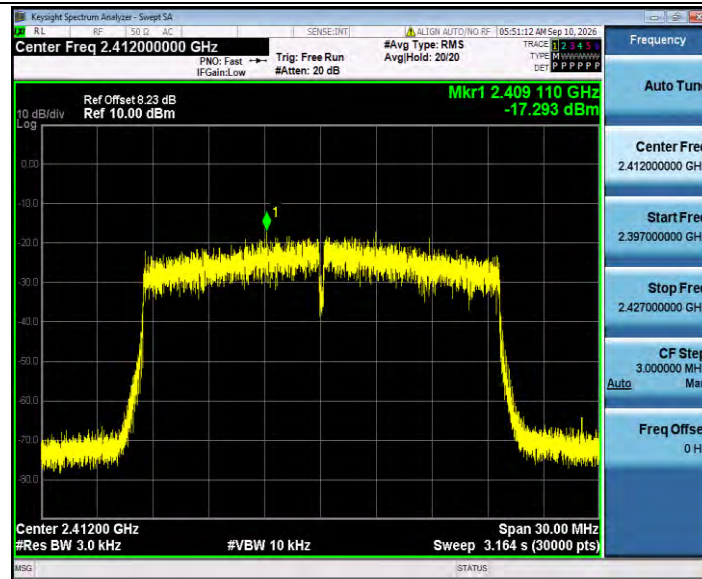
11N40SISO_Ant1_2437



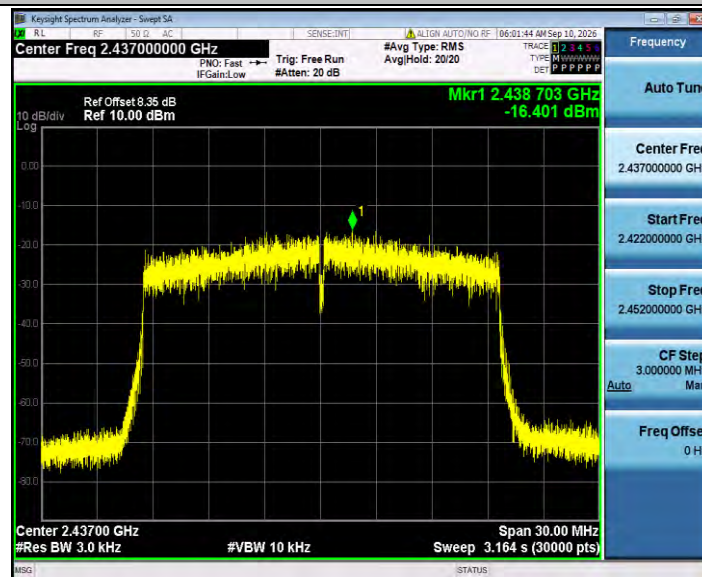
11N40SISO_Ant1_2452



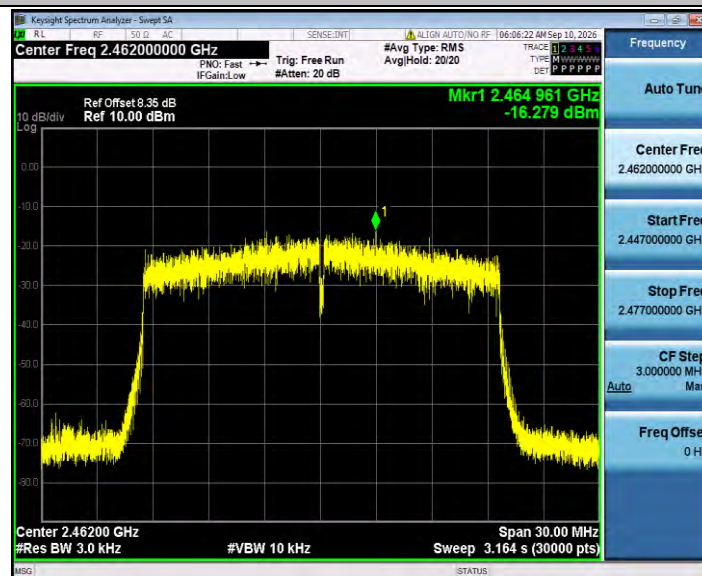
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462

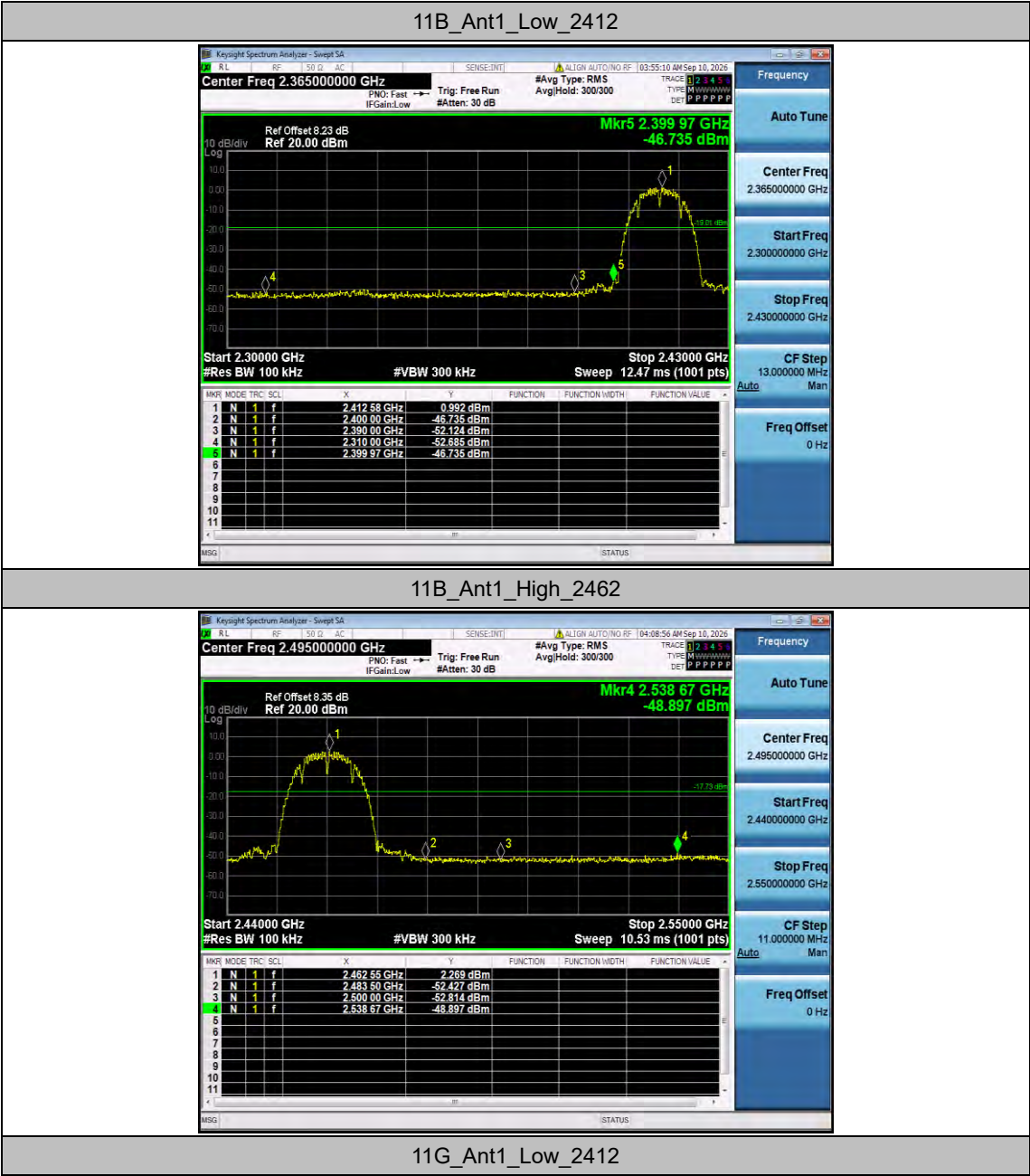


Appendix B.5: Band edge measurements

Test Result

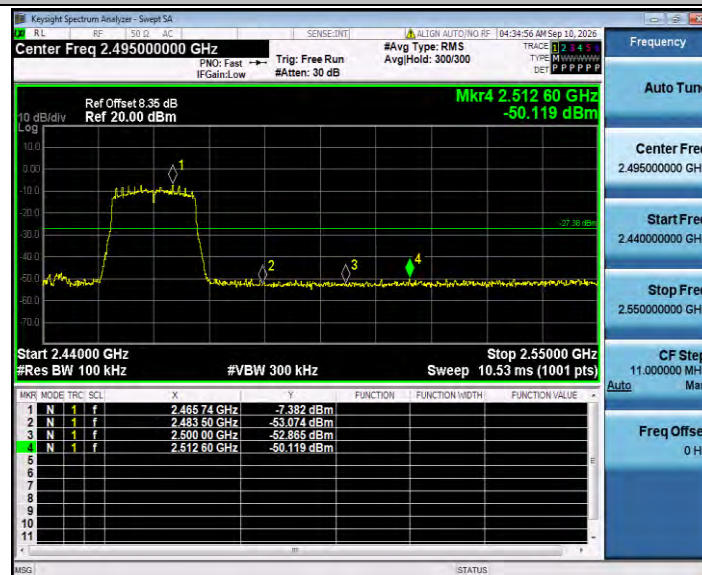
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	0.99	-46.74	≤-19.01	PASS
		High	2462	2.27	-48.9	≤-17.73	PASS
11G	Ant1	Low	2412	-1.08	-46.99	≤-21.08	PASS
		High	2462	-7.38	-50.12	≤-27.38	PASS
11N20SISO	Ant1	Low	2412	-1.71	-47.87	≤-21.71	PASS
		High	2462	-0.63	-49.74	≤-20.63	PASS
11N40SISO	Ant1	Low	2422	-7.50	-45.29	≤-27.5	PASS
		High	2452	-6.63	-46.96	≤-26.63	PASS
11AX20SISO	Ant1	Low	2412	-2.29	-49.52	≤-22.29	PASS
		High	2462	-0.88	-49.16	≤-20.88	PASS

Test Graphs

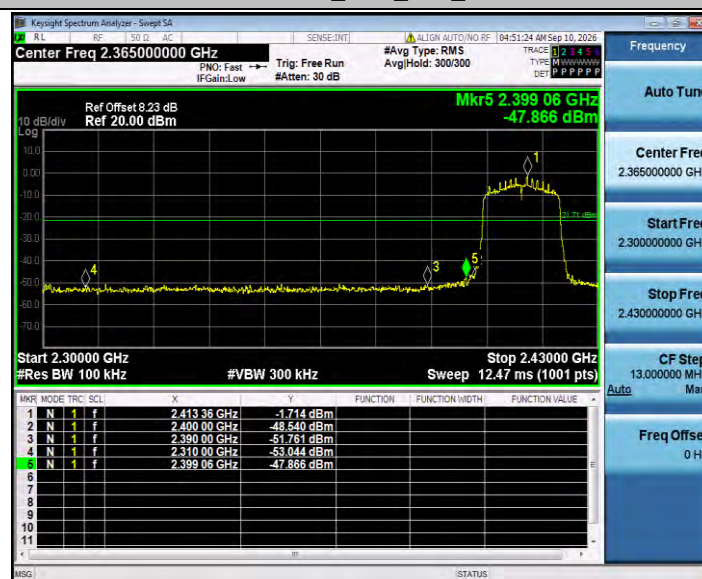




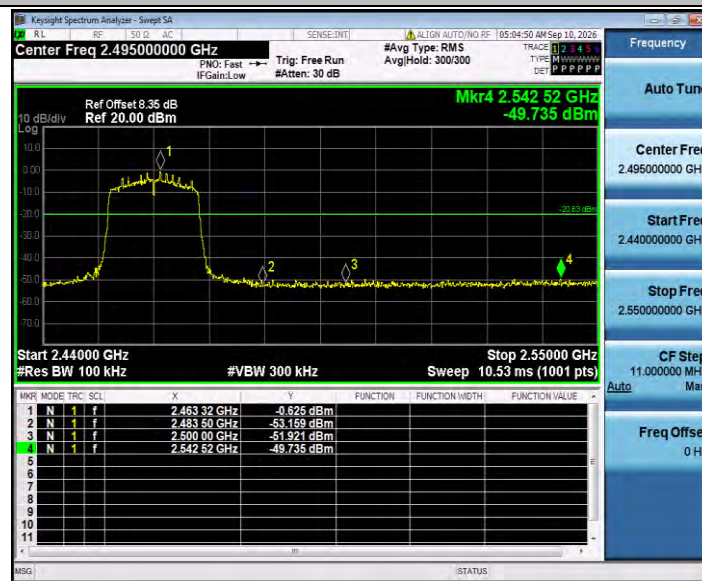
11G_Ant1_High_2462



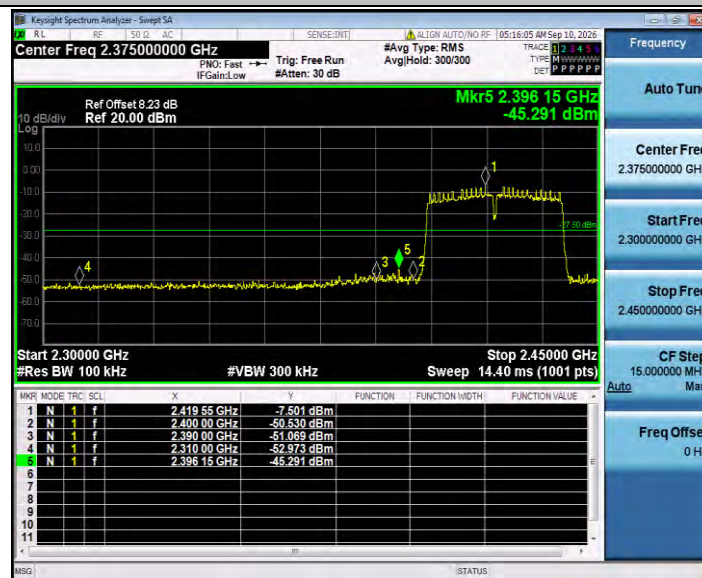
11N20SISO_Ant1_Low_2412



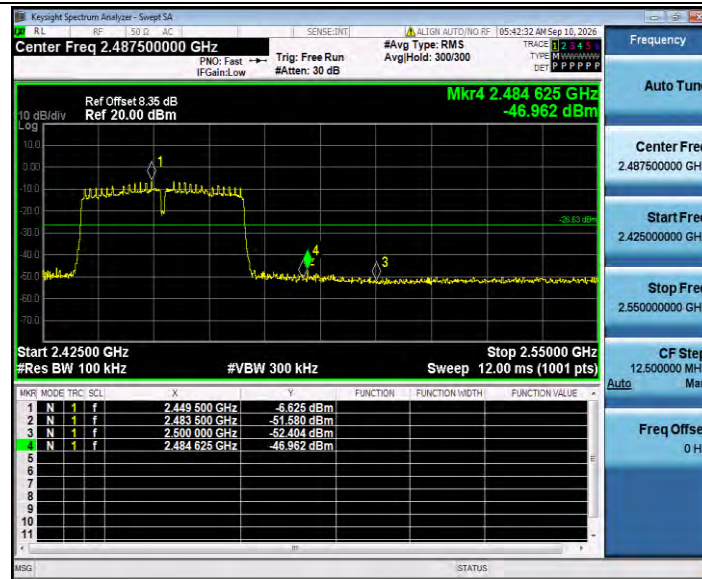
11N20SISO_Ant1_High_2462



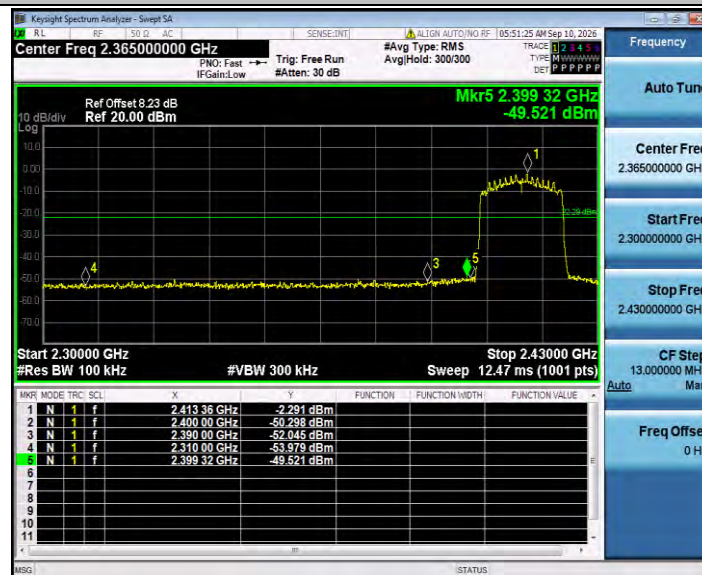
11N40SISO_Ant1_Low_2422



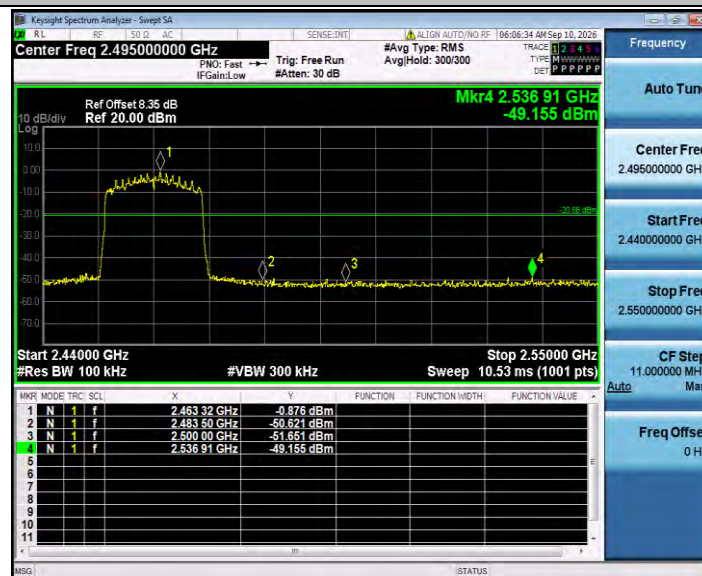
11N40SISO_Ant1_High_2452



11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462



Appendix B.6: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	0.44	0.44	---	PASS
			30~1000	0.44	-62.02	≤ -19.56	PASS
			1000~26500	0.44	-48.35	≤ -19.56	PASS
		2437	Reference	2.01	2.01	---	PASS
			30~1000	2.01	-61.35	≤ -17.99	PASS
			1000~26500	2.01	-47.43	≤ -17.99	PASS
		2462	Reference	1.42	1.42	---	PASS
			30~1000	1.42	-61.89	≤ -18.58	PASS
			1000~26500	1.42	-47.75	≤ -18.58	PASS
11G	Ant1	2412	Reference	-3.61	-3.61	---	PASS
			30~1000	-3.61	-61.83	≤ -23.61	PASS
			1000~26500	-3.61	-42.15	≤ -23.61	PASS
		2437	Reference	-7.71	-7.71	---	PASS
			30~1000	-7.71	-56.9	≤ -27.71	PASS
			1000~26500	-7.71	-47.32	≤ -27.71	PASS
		2462	Reference	-9.30	-9.30	---	PASS
			30~1000	-9.30	-57.54	≤ -29.3	PASS
			1000~26500	-9.30	-46.33	≤ -29.3	PASS
11N20SISO	Ant1	2412	Reference	-3.89	-3.89	---	PASS
			30~1000	-3.89	-57.7	≤ -23.89	PASS
			1000~26500	-3.89	-47.89	≤ -23.89	PASS
		2437	Reference	-3.36	-3.36	---	PASS
			30~1000	-3.36	-57.43	≤ -23.36	PASS
			1000~26500	-3.36	-48.27	≤ -23.36	PASS
		2462	Reference	-3.45	-3.45	---	PASS
			30~1000	-3.45	-58.22	≤ -23.45	PASS
			1000~26500	-3.45	-47.71	≤ -23.45	PASS
11N40SISO	Ant1	2422	Reference	-8.15	-8.15	---	PASS
			30~1000	-8.15	-58.4	≤ -28.15	PASS
			1000~26500	-8.15	-47.83	≤ -28.15	PASS
		2437	Reference	-6.63	-6.63	---	PASS
			30~1000	-6.63	-61.31	≤ -26.63	PASS
			1000~26500	-6.63	-48.18	≤ -26.63	PASS
		2452	Reference	-7.15	-7.15	---	PASS
			30~1000	-7.15	-61.62	≤ -27.15	PASS
			1000~26500	-7.15	-47.91	≤ -27.15	PASS

11AX20SISO	Ant1	2412	Reference	-3.68	-3.68	---	PASS
			30~1000	-3.68	-58.29	$\leq$ -23.68	PASS
			1000~26500	-3.68	-48.3	$\leq$ -23.68	PASS
		2437	Reference	-1.31	-1.31	---	PASS
			30~1000	-1.31	-59.03	$\leq$ -21.31	PASS
			1000~26500	-1.31	-47.83	$\leq$ -21.31	PASS
		2462	Reference	-2.26	-2.26	---	PASS
			30~1000	-2.26	-57.58	$\leq$ -22.26	PASS
			1000~26500	-2.26	-48.42	$\leq$ -22.26	PASS