

Case No. : <u>GTS20251018009-2-04</u>
Ambient Condition: <u>20℃,45%RH,</u>
Test Date: <u>2026.1.08-2026.2.28</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	Ant1	2412	8.240	2407.880	2416.120	0.5	PASS
		2437	8.200	2432.920	2441.120	0.5	PASS
		2462	8.240	2457.880	2466.120	0.5	PASS
11G	Ant1	2412	16.240	2403.880	2420.120	0.5	PASS
		2437	16.240	2428.880	2445.120	0.5	PASS
		2462	16.400	2453.800	2470.200	0.5	PASS
11N20SISO	Ant1	2412	17.360	2403.360	2420.720	0.5	PASS
		2437	17.320	2428.360	2445.680	0.5	PASS
		2462	17.480	2453.200	2470.680	0.5	PASS
11N40SISO	Ant1	2422	35.920	2404.160	2440.080	0.5	PASS
		2437	35.840	2419.080	2454.920	0.5	PASS
		2452	35.760	2434.080	2469.840	0.5	PASS
11AX20SISO	Ant1	2412	18.840	2402.600	2421.440	0.5	PASS
		2437	18.840	2427.600	2446.440	0.5	PASS
		2462	18.960	2452.480	2471.440	0.5	PASS
11AX40SISO	Ant1	2422	37.840	2403.040	2440.880	0.5	PASS
		2437	37.680	2418.280	2455.960	0.5	PASS
		2452	37.520	2433.120	2470.640	0.5	PASS

Test Graphs





11G_Ant1_2412



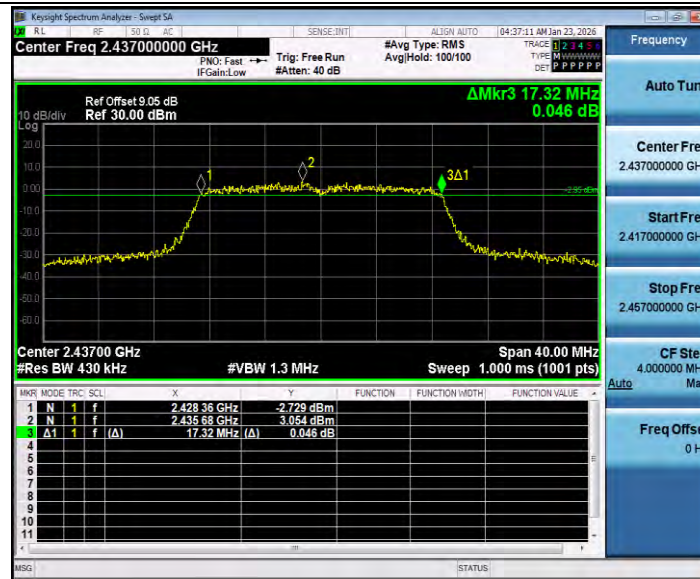
11G_Ant1_2437



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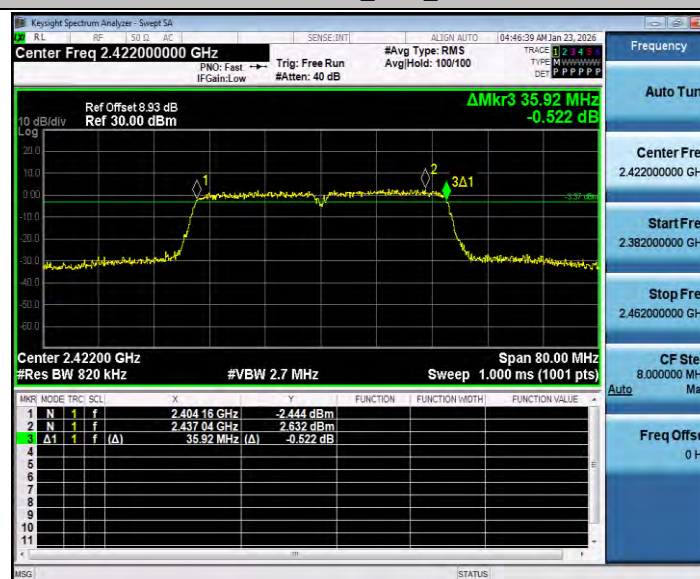
A screenshot of the Microsoft Dynamics CRM 4.0 web application. The top navigation bar shows 'Home', 'My Work', 'Tools & Settings', and 'Help'. Below this, there's a search bar and several tabs: 'Accounts', 'Contacts', 'Leads', 'Opportunities', 'Products', 'Quotes', 'Orders', 'Invoices', 'Cases', 'Tasks', 'Calendar', 'Reports', and 'Dashboards'. The main area displays a list of records under the 'Accounts' tab. A modal window titled 'New' is open, showing options to create a new record. The 'New' button is highlighted in red.



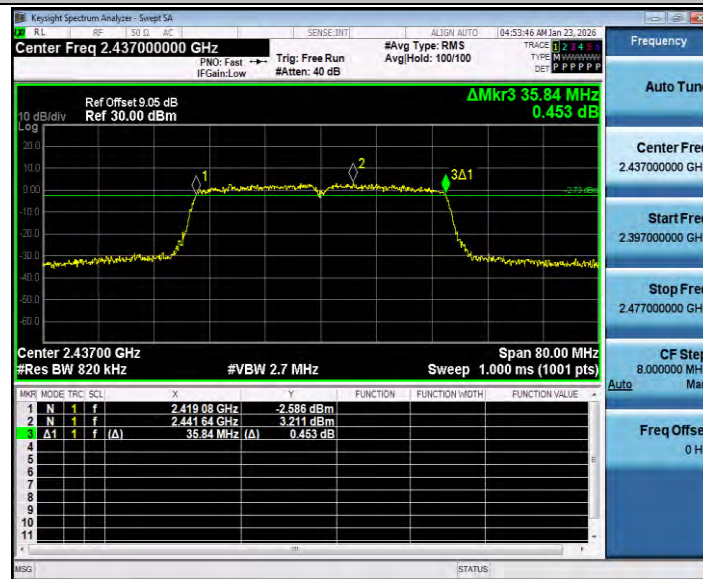
11N20SISO_Ant1_2462



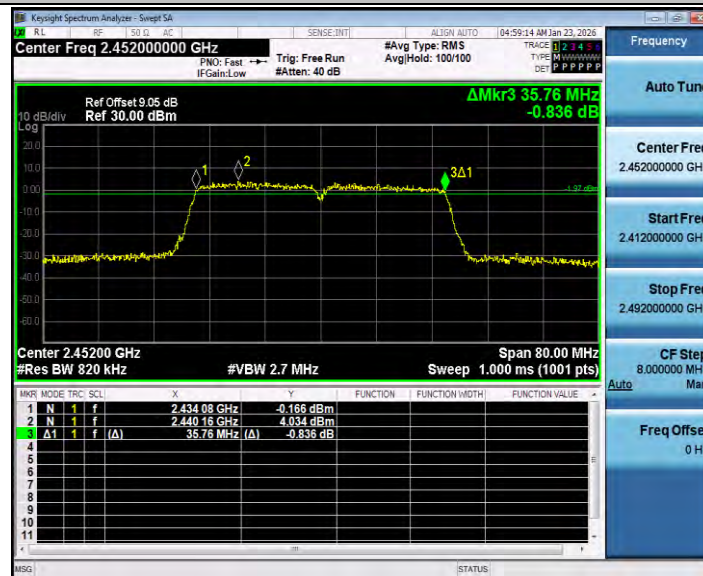
11N40SISO_Ant1_2422



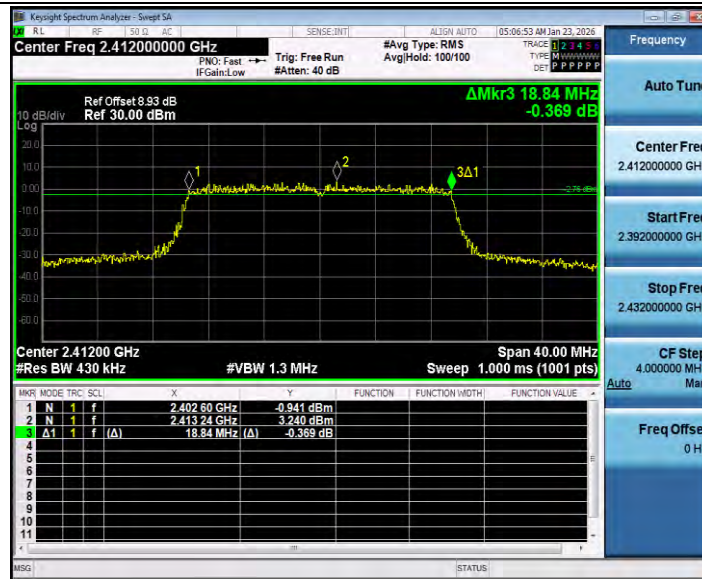
11N40SISO_Ant1_2437



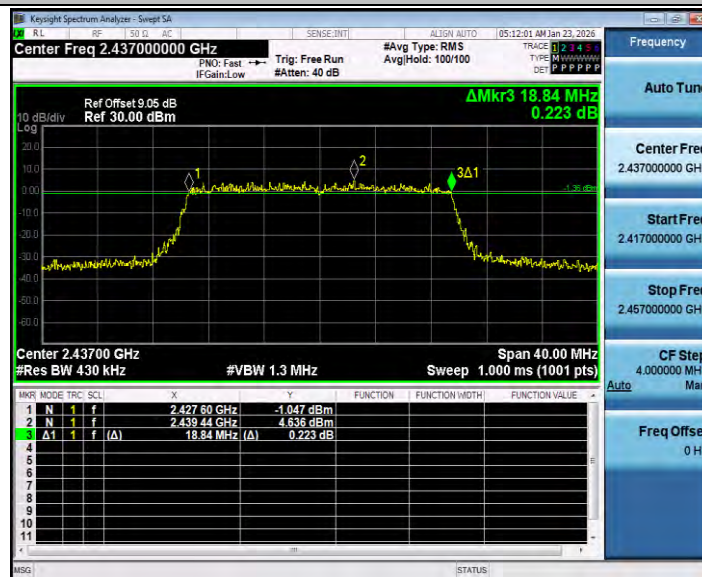
11N40SISO_Ant1_2452



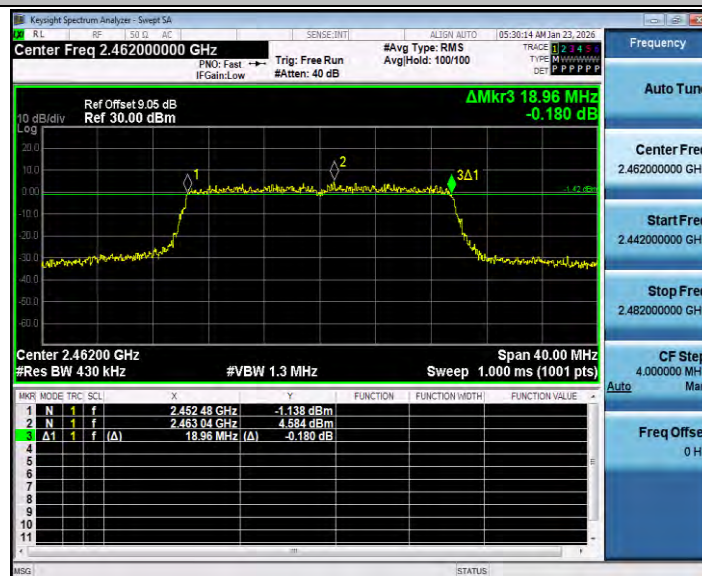
11AX20SISO_Ant1_2412



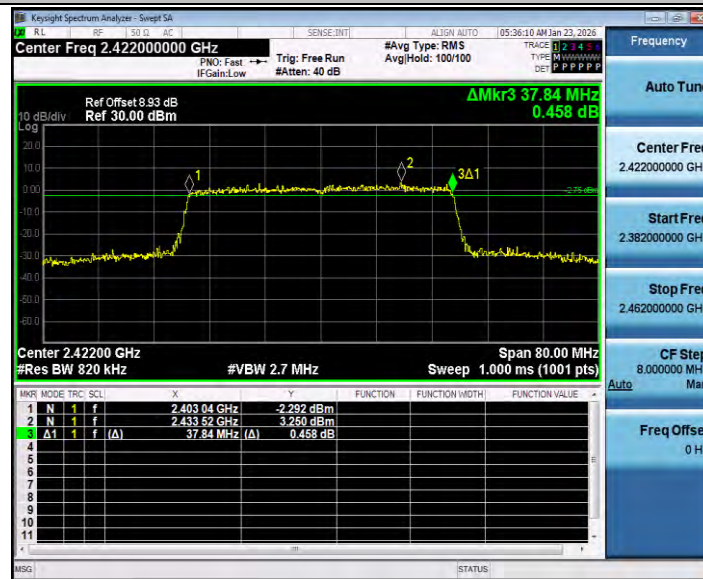
11AX20SISO_Ant1_2437



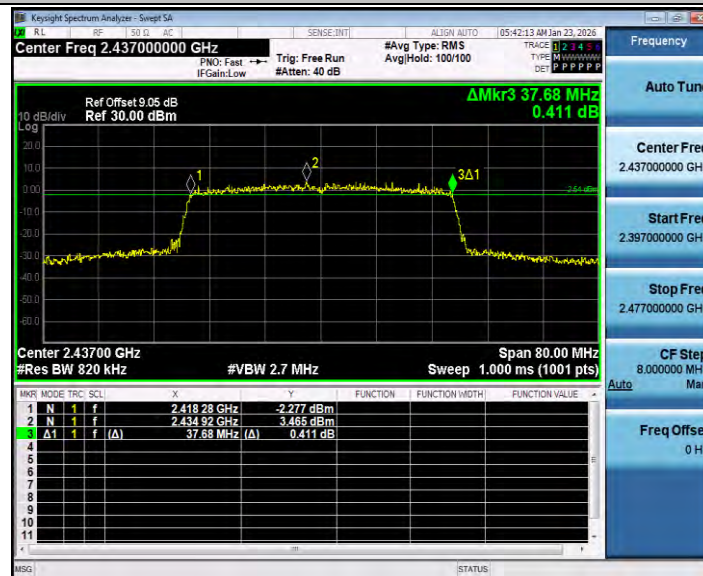
11AX20SISO_Ant1_2462



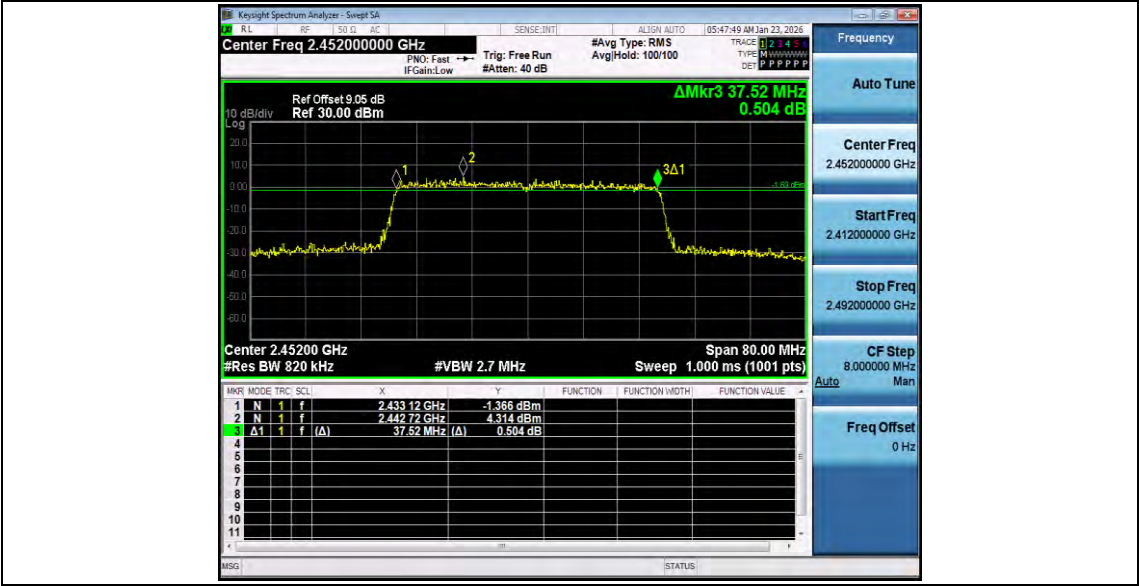
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



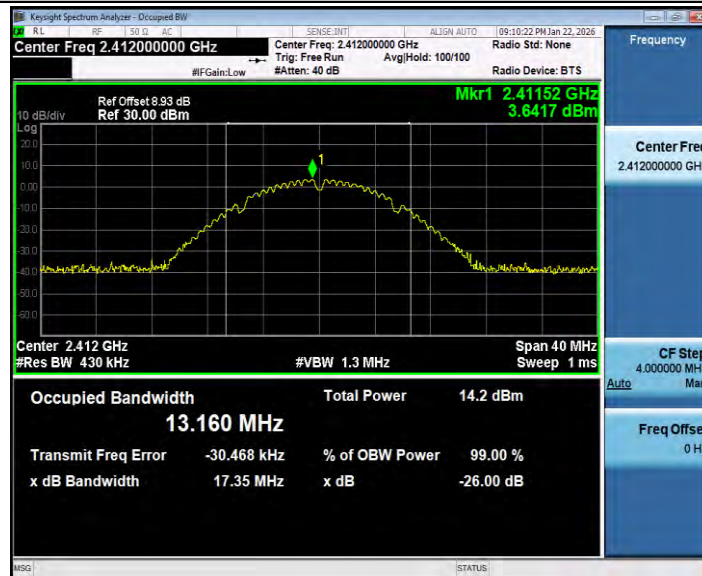
AppendixC.2: Occupied Channel Bandwidth

Test Result

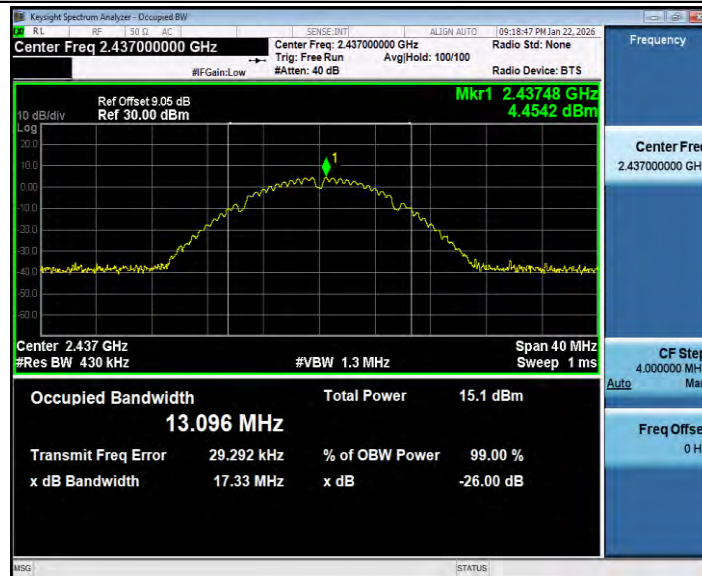
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.160	2405.3895	2418.5495	---	---
		2437	13.096	2430.4813	2443.5773	---	---
		2462	13.370	2455.2551	2468.6251	---	---
11G	Ant1	2412	16.575	2403.6789	2420.2539	---	---
		2437	16.550	2428.7140	2445.2640	---	---
		2462	16.694	2453.6026	2470.2966	---	---
11N20SISO	Ant1	2412	17.738	2403.1314	2420.8694	---	---
		2437	17.681	2428.1597	2445.8407	---	---
		2462	17.781	2453.1044	2470.8854	---	---
11N40SISO	Ant1	2422	36.256	2403.9433	2440.1993	---	---
		2437	36.061	2418.9702	2455.0312	---	---
		2452	36.278	2433.8221	2470.1001	---	---
11AX20SISO	Ant1	2412	19.098	2402.4696	2421.5676	---	---
		2437	18.946	2427.5052	2446.4512	---	---
		2462	19.040	2452.4720	2471.5120	---	---
11AX40SISO	Ant1	2422	37.827	2403.2003	2441.0273	---	---
		2437	37.712	2418.1464	2455.8584	---	---
		2452	37.907	2433.0215	2470.9285	---	---

Test Graphs

11B_Ant1_2412



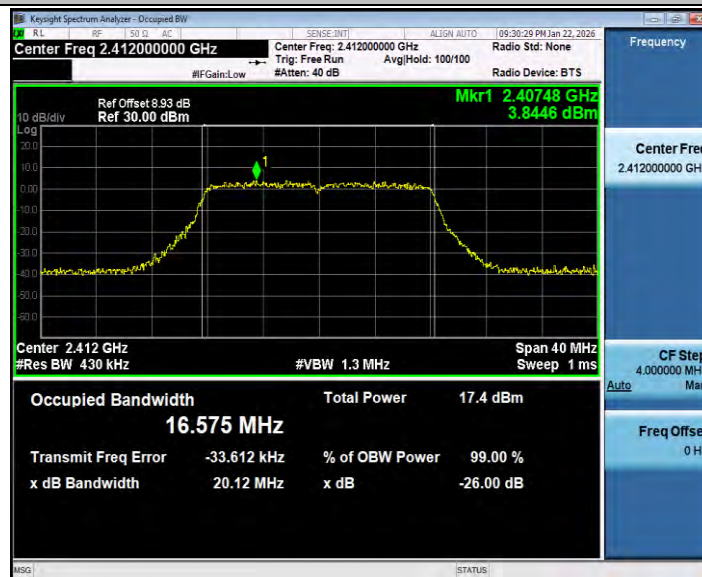
11B_Ant1_2437



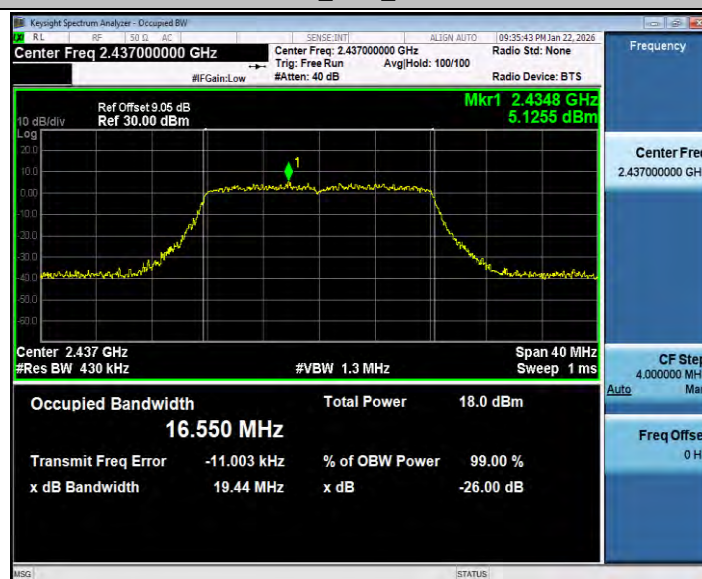
11B_Ant1_2462



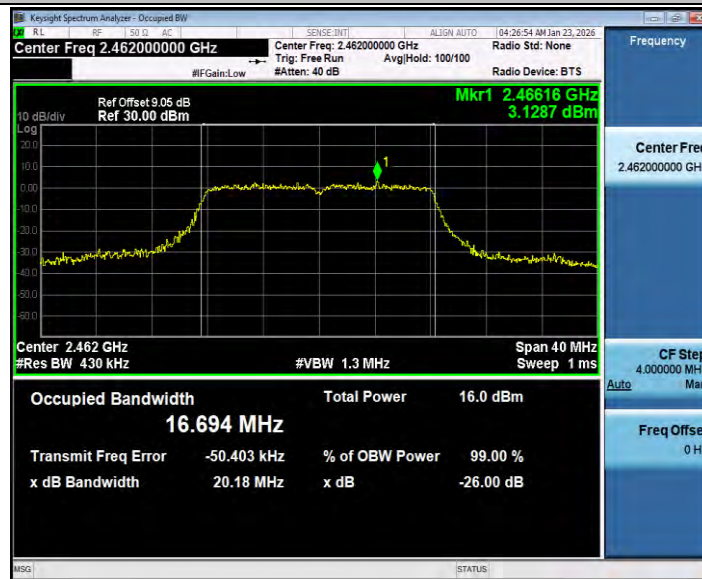
11G_Ant1_2412



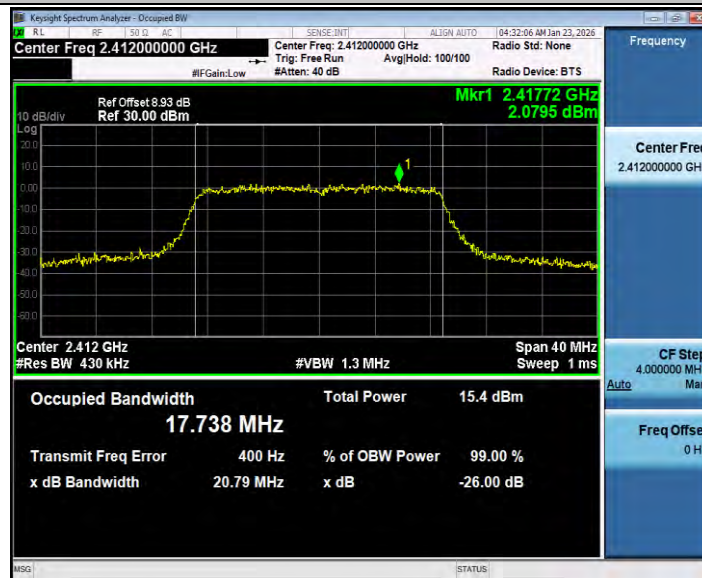
11G_Ant1_2437



11G_Ant1_2462



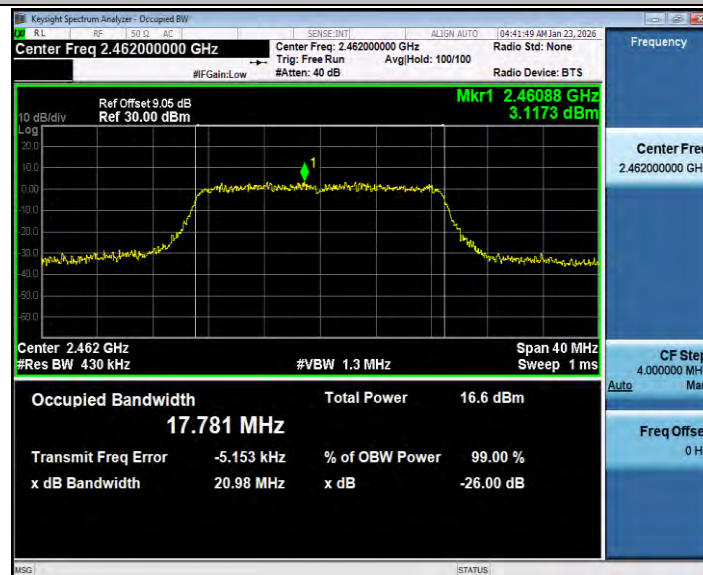
11N20SISO_Ant1_2412



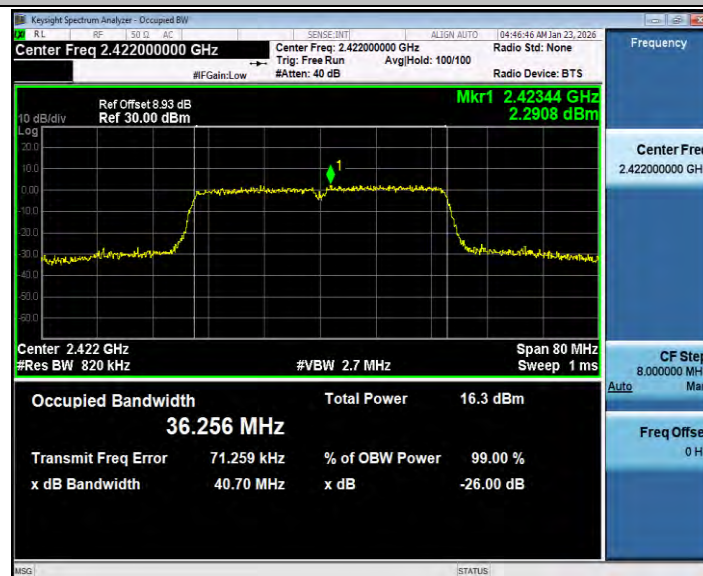
11N20SISO_Ant1_2437



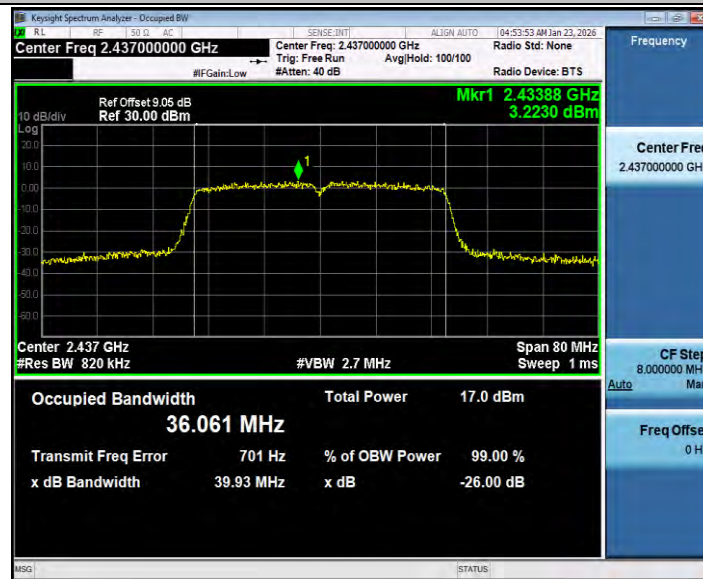
11N20SISO_Ant1_2462



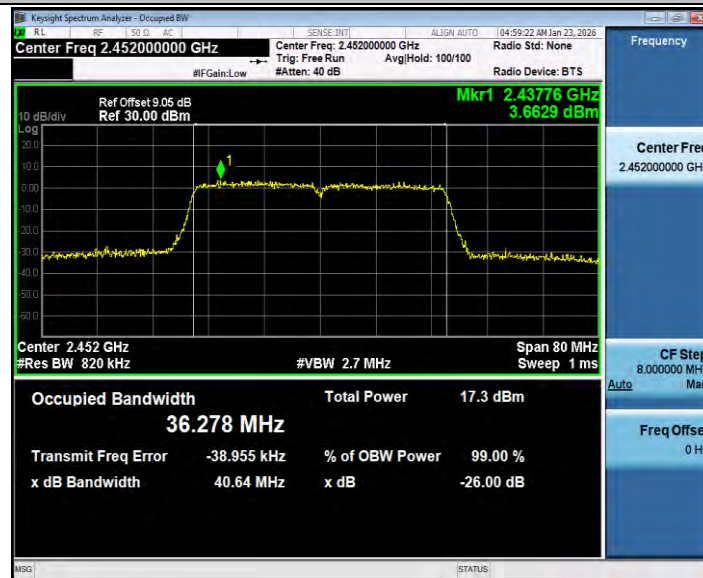
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



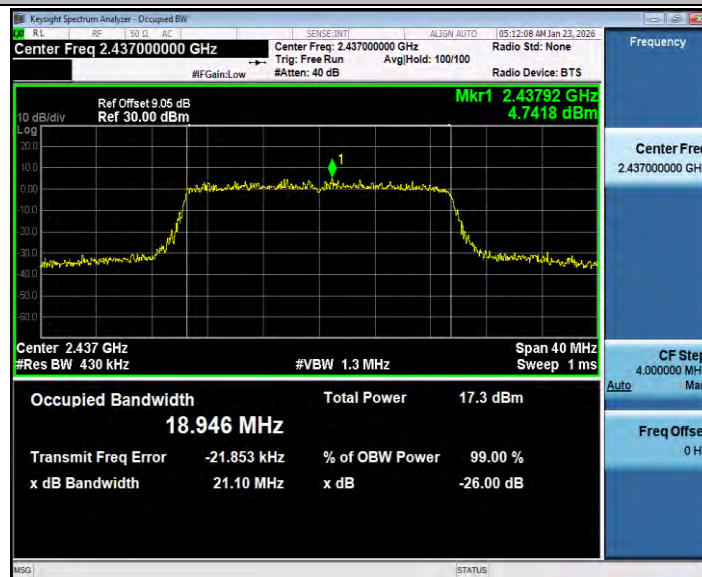
11N40SISO_Ant1_2452



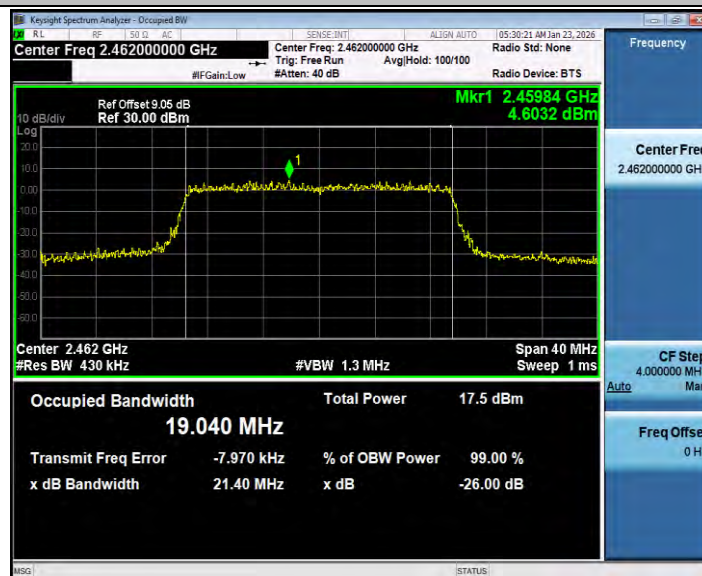
11AX20SISO_Ant1_2412



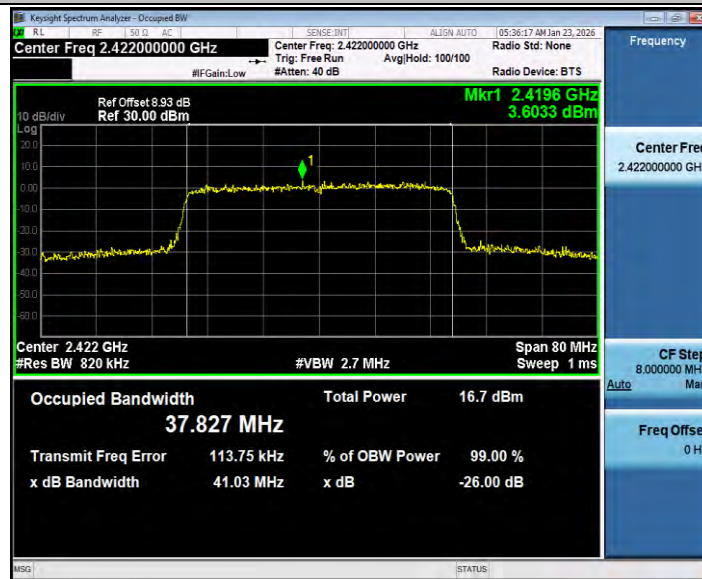
11AX20SISO_Ant1_2437



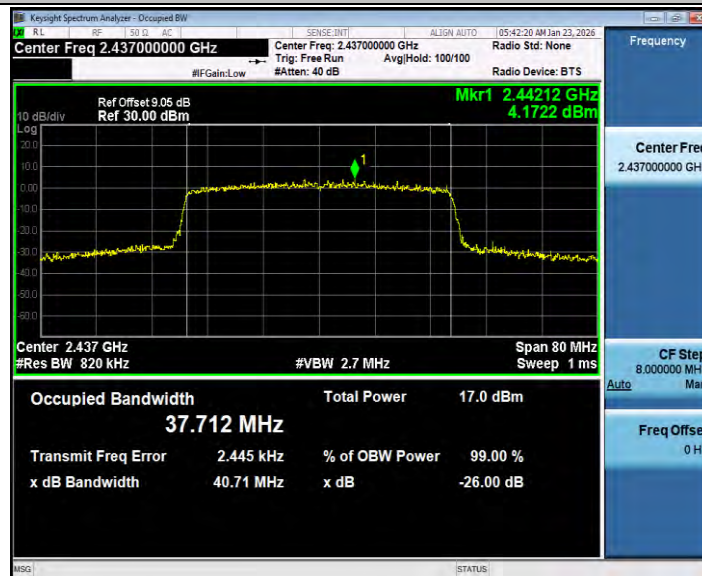
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

AppendixC.3: Maximum conducted output power

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	14.30	≤30.00	PASS
		2437	15.12	≤30.00	PASS
		2462	14.96	≤30.00	PASS
11G	Ant1	2412	18.36	≤30.00	PASS
		2437	19.10	≤30.00	PASS
		2462	17.22	≤30.00	PASS
11N20SISO	Ant1	2412	16.40	≤30.00	PASS
		2437	17.29	≤30.00	PASS
		2462	17.57	≤30.00	PASS
11N40SISO	Ant1	2422	16.51	≤30.00	PASS
		2437	17.20	≤30.00	PASS
		2452	17.50	≤30.00	PASS
11AX20SISO	Ant1	2412	16.81	≤30.00	PASS
		2437	18.12	≤30.00	PASS
		2462	18.17	≤30.00	PASS
11AX40SISO	Ant1	2422	16.67	≤30.00	PASS
		2437	16.96	≤30.00	PASS
		2452	17.30	≤30.00	PASS

AppendixA.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-11.57	≤8.00	PASS
		2437	-11.98	≤8.00	PASS
		2462	-12.02	≤8.00	PASS
11G	Ant1	2412	-15.52	≤8.00	PASS
		2437	-13.69	≤8.00	PASS
		2462	-15.75	≤8.00	PASS
11N20SISO	Ant1	2412	-16.18	≤8.00	PASS
		2437	-15.45	≤8.00	PASS
		2462	-14.64	≤8.00	PASS
11N40SISO	Ant1	2422	-18.44	≤8.00	PASS
		2437	-18.51	≤8.00	PASS
		2452	-18.00	≤8.00	PASS
11AX20SISO	Ant1	2412	-17.10	≤8.00	PASS
		2437	-16.37	≤8.00	PASS
		2462	-16.64	≤8.00	PASS
11AX40SISO	Ant1	2422	-19.74	≤8.00	PASS
		2437	-18.05	≤8.00	PASS
		2452	-18.61	≤8.00	PASS

Test Graphs

11B_Ant1_2412



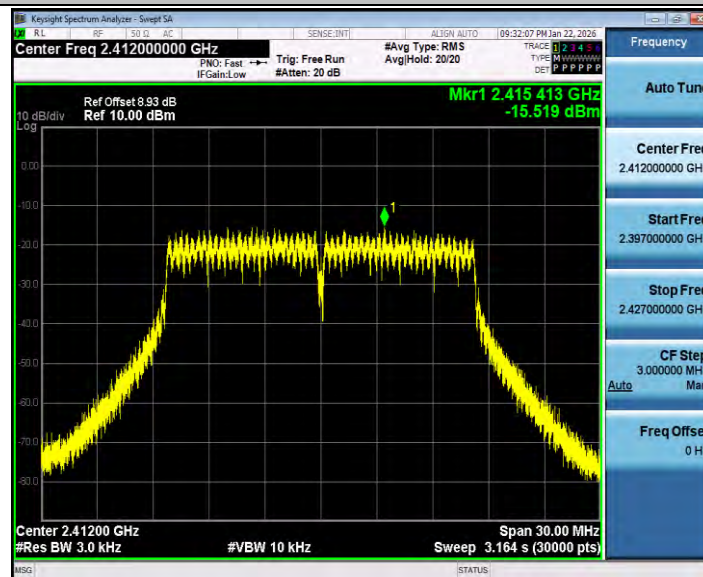
11B_Ant1_2437



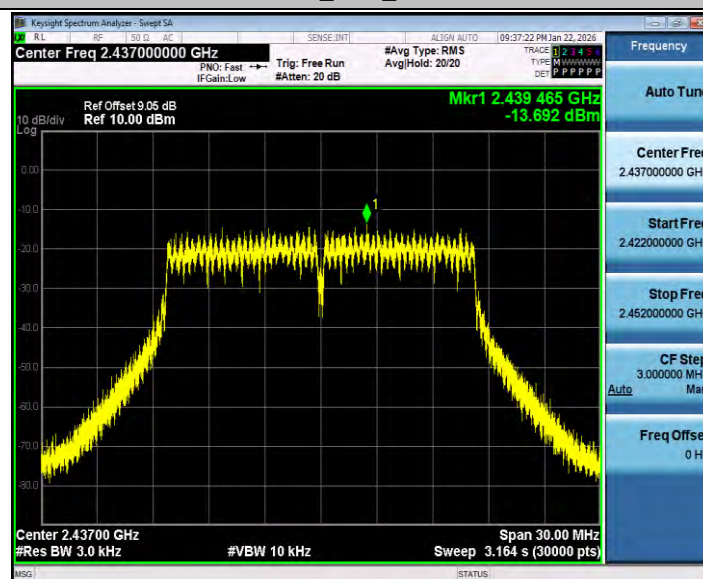
11B_Ant1_2462



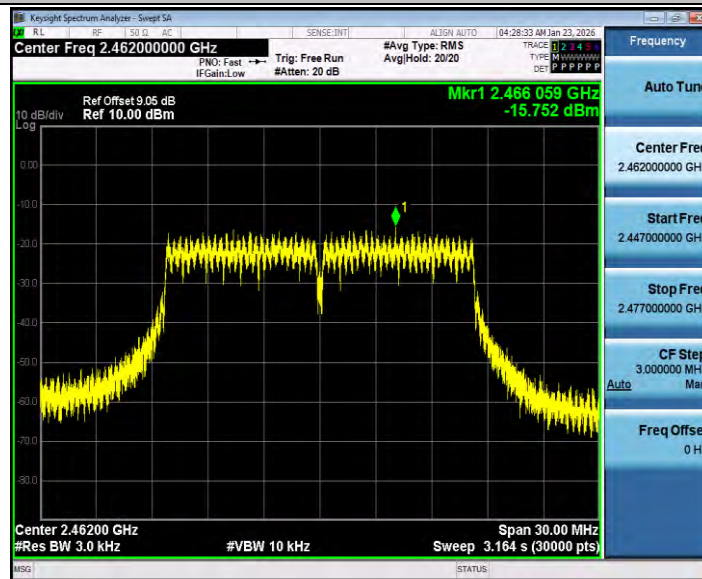
11G_Ant1_2412



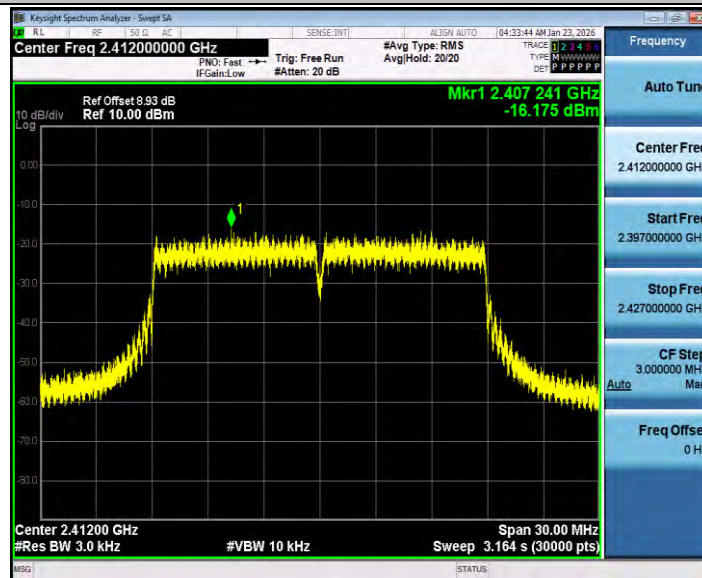
11G_Ant1_2437



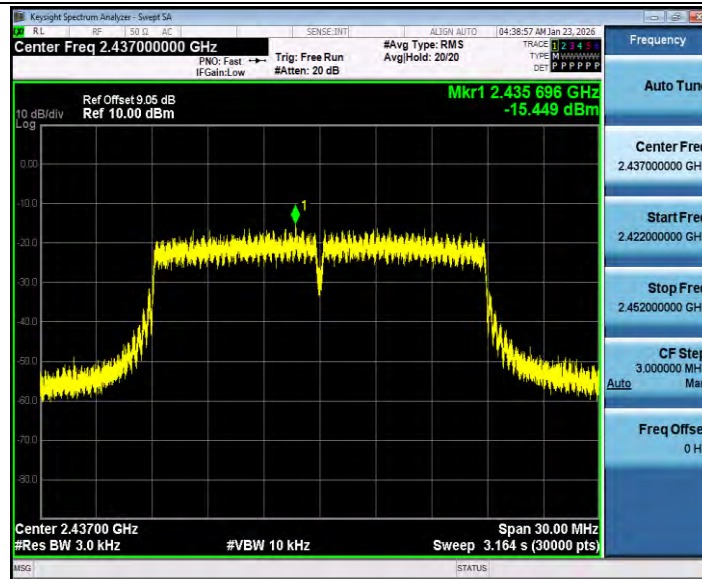
11G_Ant1_2462



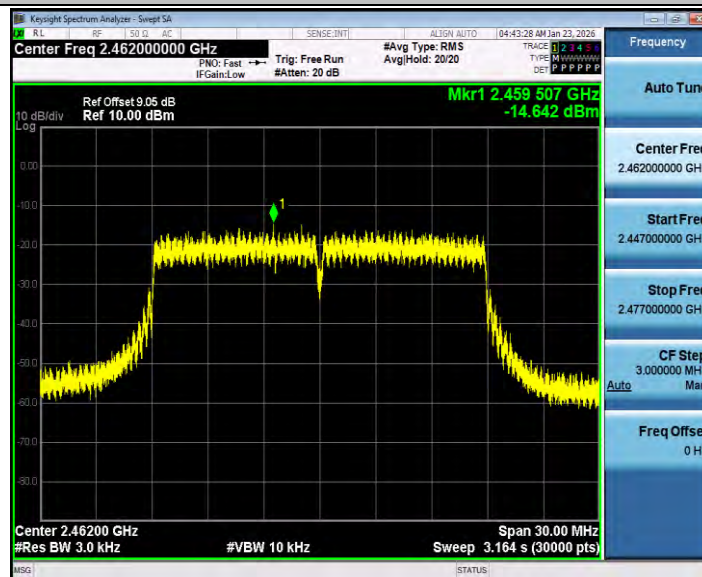
11N20SISO_Ant1_2412



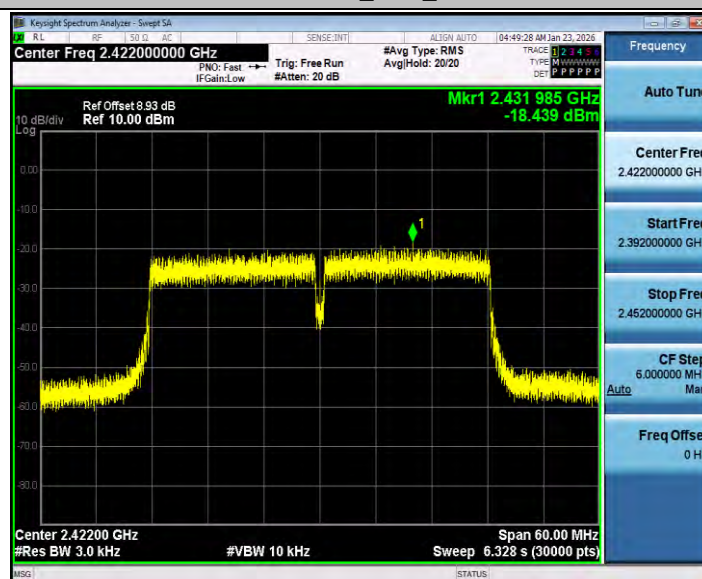
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



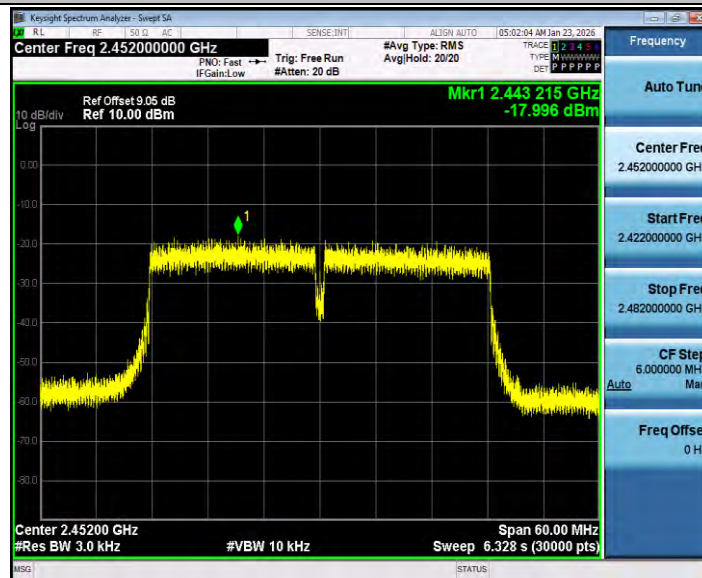
11N40SISO_Ant1_2422



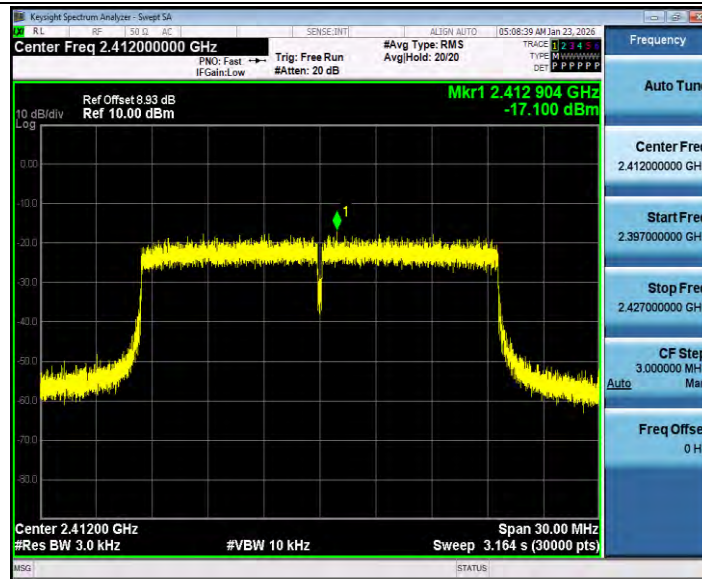
11N40SISO_Ant1_2437



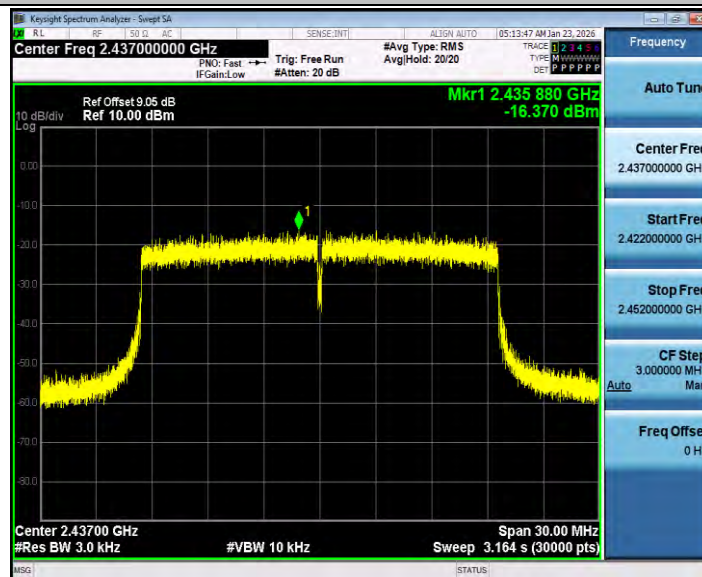
11N40SISO_Ant1_2452



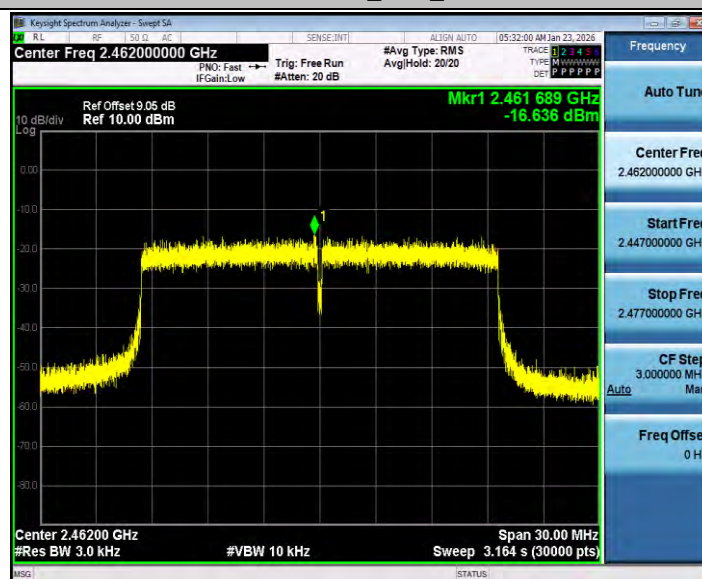
11AX20SISO_Ant1_2412



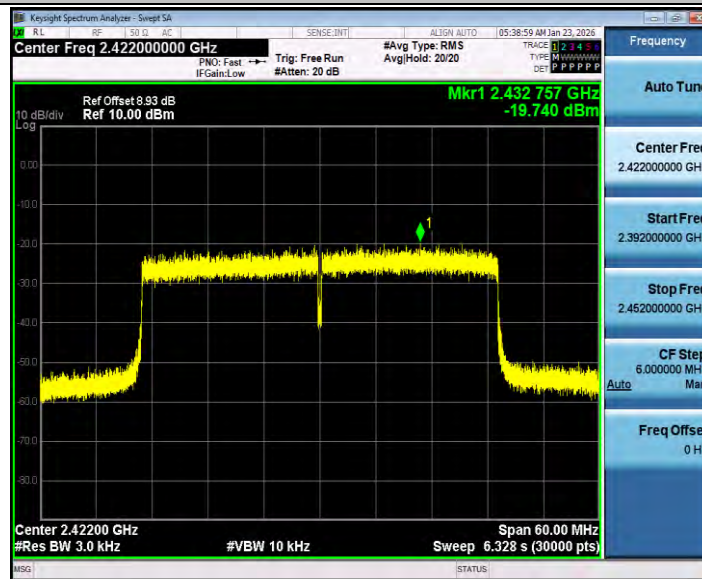
11AX20SISO_Ant1_2437



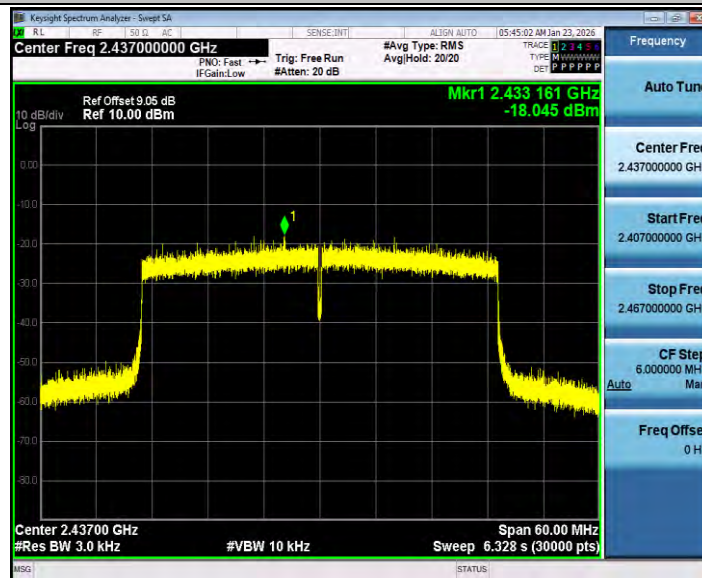
11AX20SISO_Ant1_2462



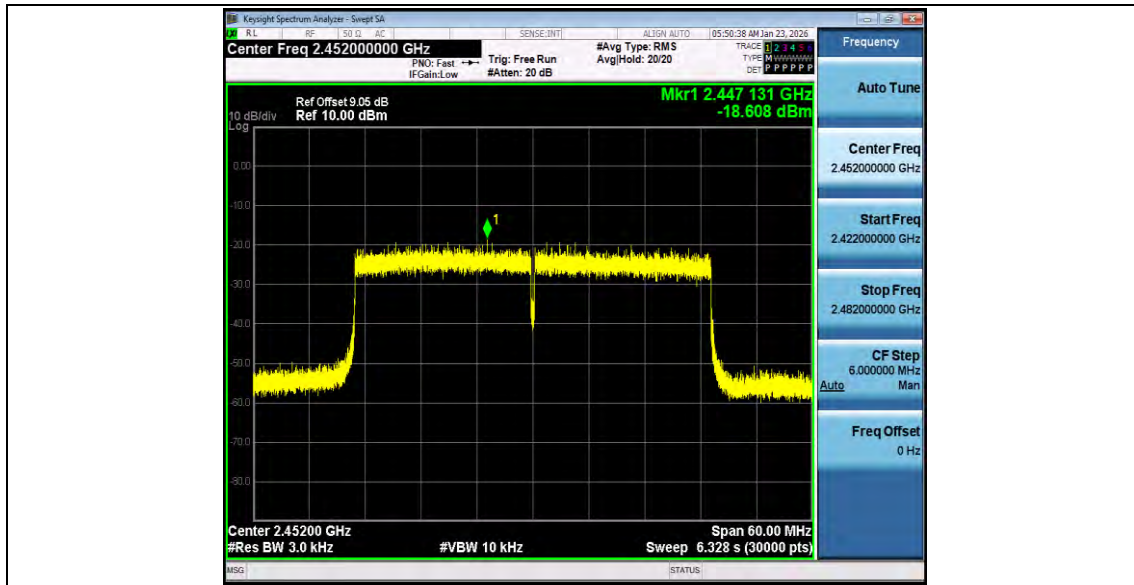
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



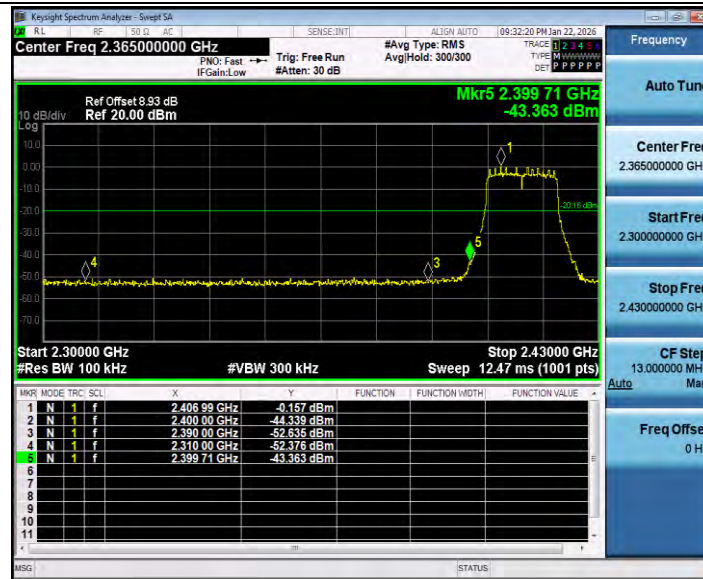
Appendix C.5: Band edge measurements

Test Result

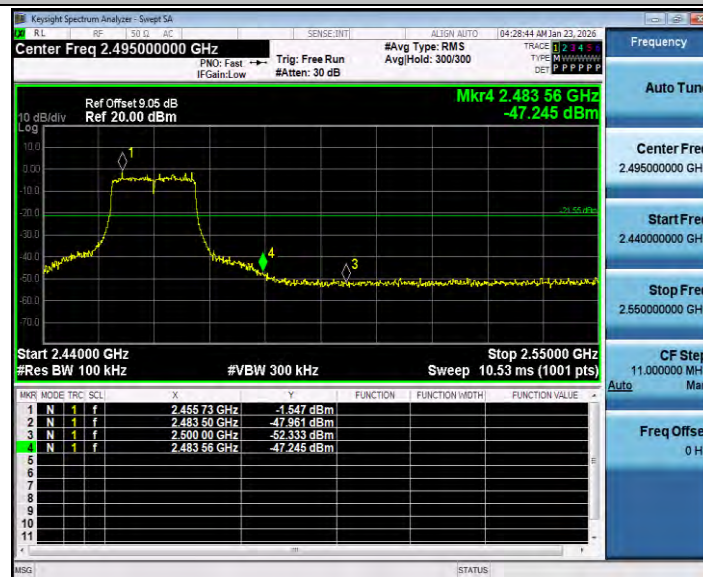
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	2.35	-48.61	≤ -17.65	PASS
		High	2462	2.86	-49.28	≤ -17.15	PASS
11G	Ant1	Low	2412	-0.16	-43.36	≤ -20.16	PASS
		High	2462	-1.55	-47.25	≤ -21.55	PASS
11N20SISO	Ant1	Low	2412	-2.42	-36.01	≤ -22.42	PASS
		High	2462	-1.33	-40.35	≤ -21.33	PASS
11N40SISO	Ant1	Low	2422	-4.05	-39.37	≤ -24.05	PASS
		High	2452	-4.89	-40.68	≤ -24.89	PASS
11AX20SISO	Ant1	Low	2412	-2.26	-36.5	≤ -22.26	PASS
		High	2462	-2.00	-39.31	≤ -22	PASS
11AX40SISO	Ant1	Low	2422	-4.58	-37.36	≤ -24.58	PASS
		High	2452	-4.82	-35.27	≤ -24.82	PASS

Test Graphs





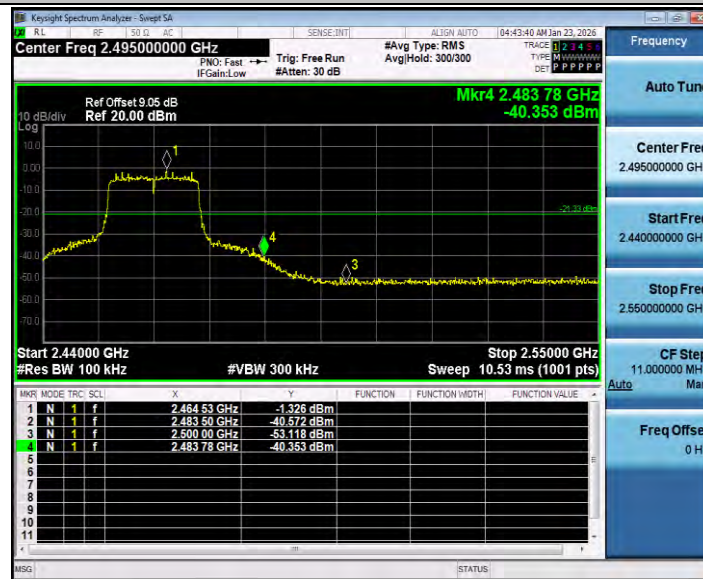
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



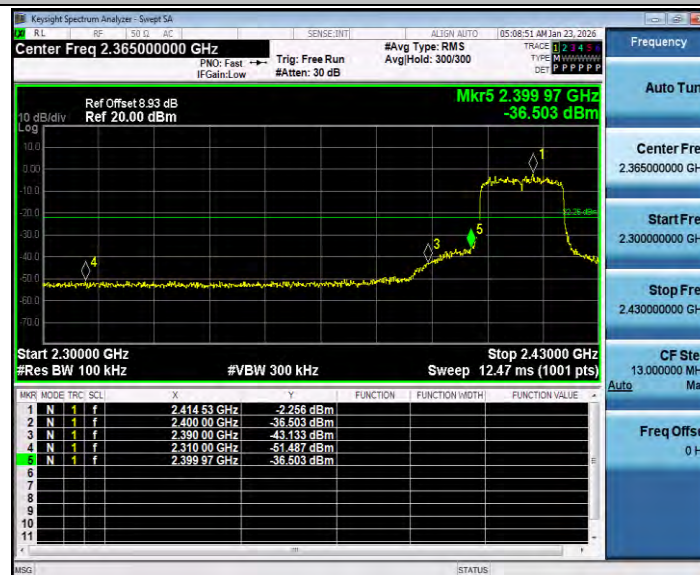
11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462



11AX40SISO_Ant1_Low_2422



11AX40SISO_Ant1_High_2452

