

Case No. : <u>GTS20251226005-1-01</u>	
Ambient Condition: <u>25</u> °C, <u>43</u> %RH,	
Test Date: <u>2026.1.28</u>	Test Engineer: <u>Evan ouyang</u>

Appendix A.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	8.240	2432.840	2441.080	0.5	PASS
		2462	8.240	2457.880	2466.120	0.5	PASS
11G	Ant1	2412	16.280	2403.840	2420.120	0.5	PASS
		2437	16.160	2428.920	2445.080	0.5	PASS
		2462	16.240	2453.880	2470.120	0.5	PASS
11N20SISO	Ant1	2412	17.400	2403.360	2420.760	0.5	PASS
		2437	17.440	2428.280	2445.720	0.5	PASS
		2462	17.480	2453.280	2470.760	0.5	PASS
11N40SISO	Ant1	2422	36.000	2404.000	2440.000	0.5	PASS
		2437	35.760	2419.160	2454.920	0.5	PASS
		2452	36.080	2433.920	2470.000	0.5	PASS

Test Graphs





11G_Ant1_2412



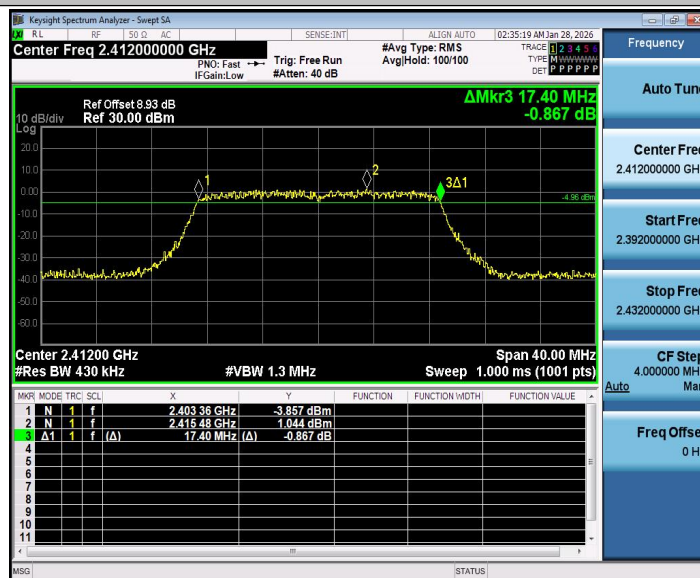
11G_Ant1_2437



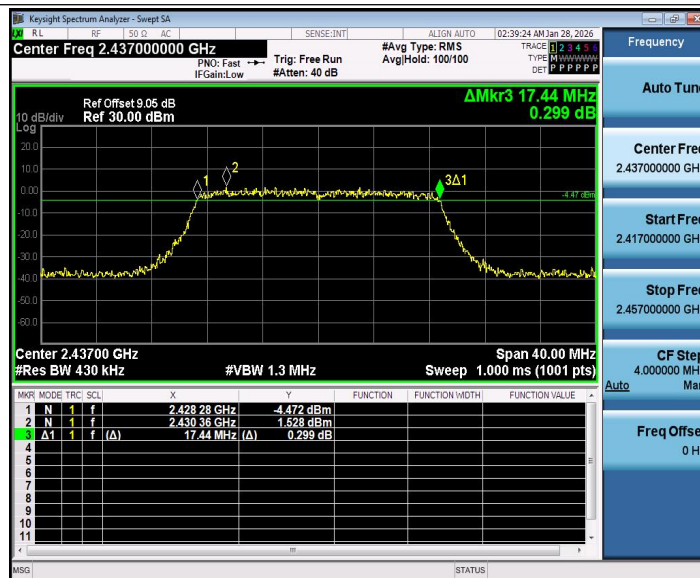
11G_Ant1_2462



11N20SISO_Ant1_2412



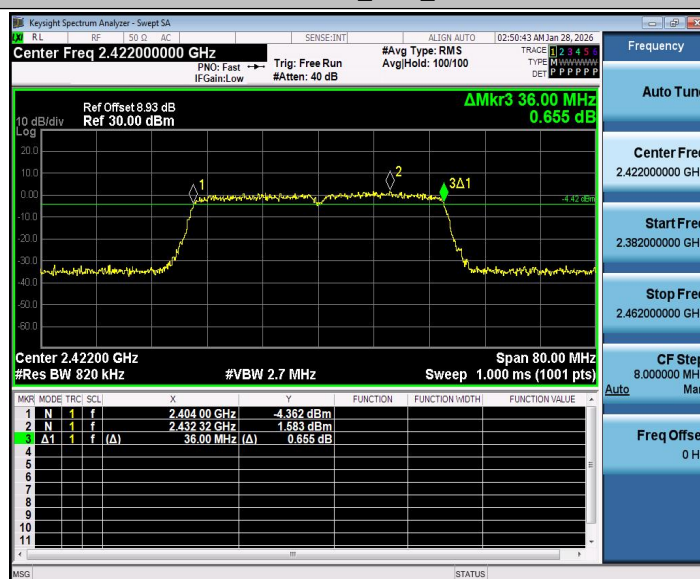
11N20SISO_Ant1_2437



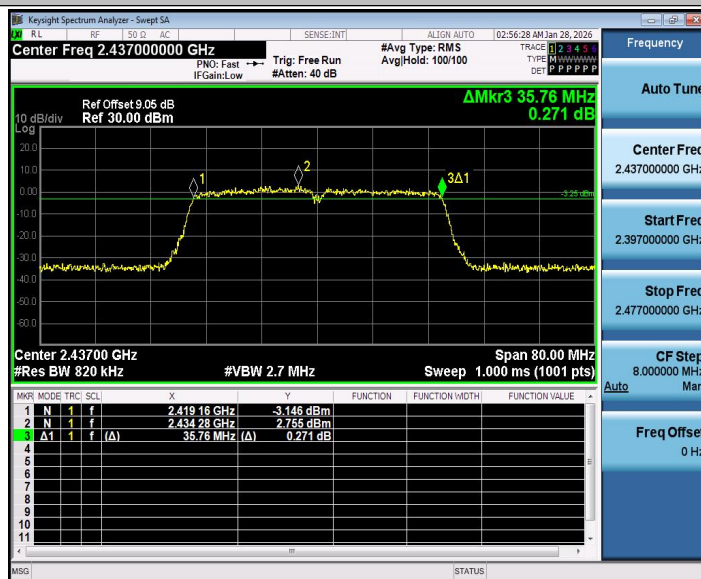
11N20SISO_Ant1_2462



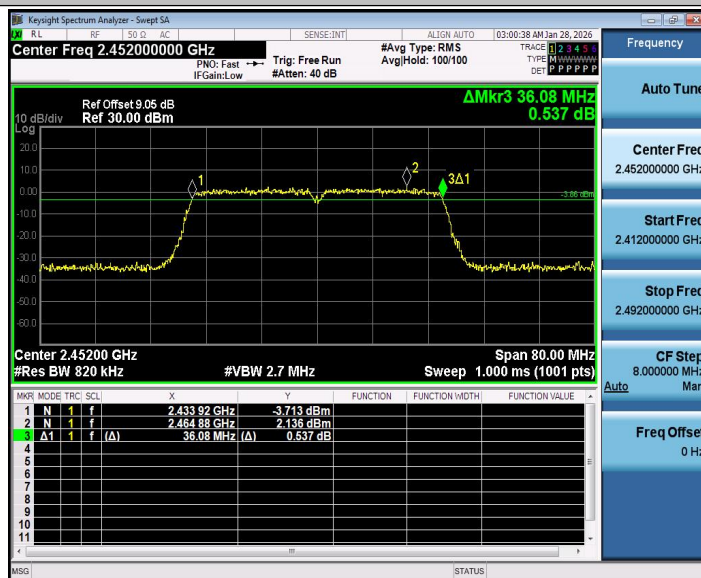
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

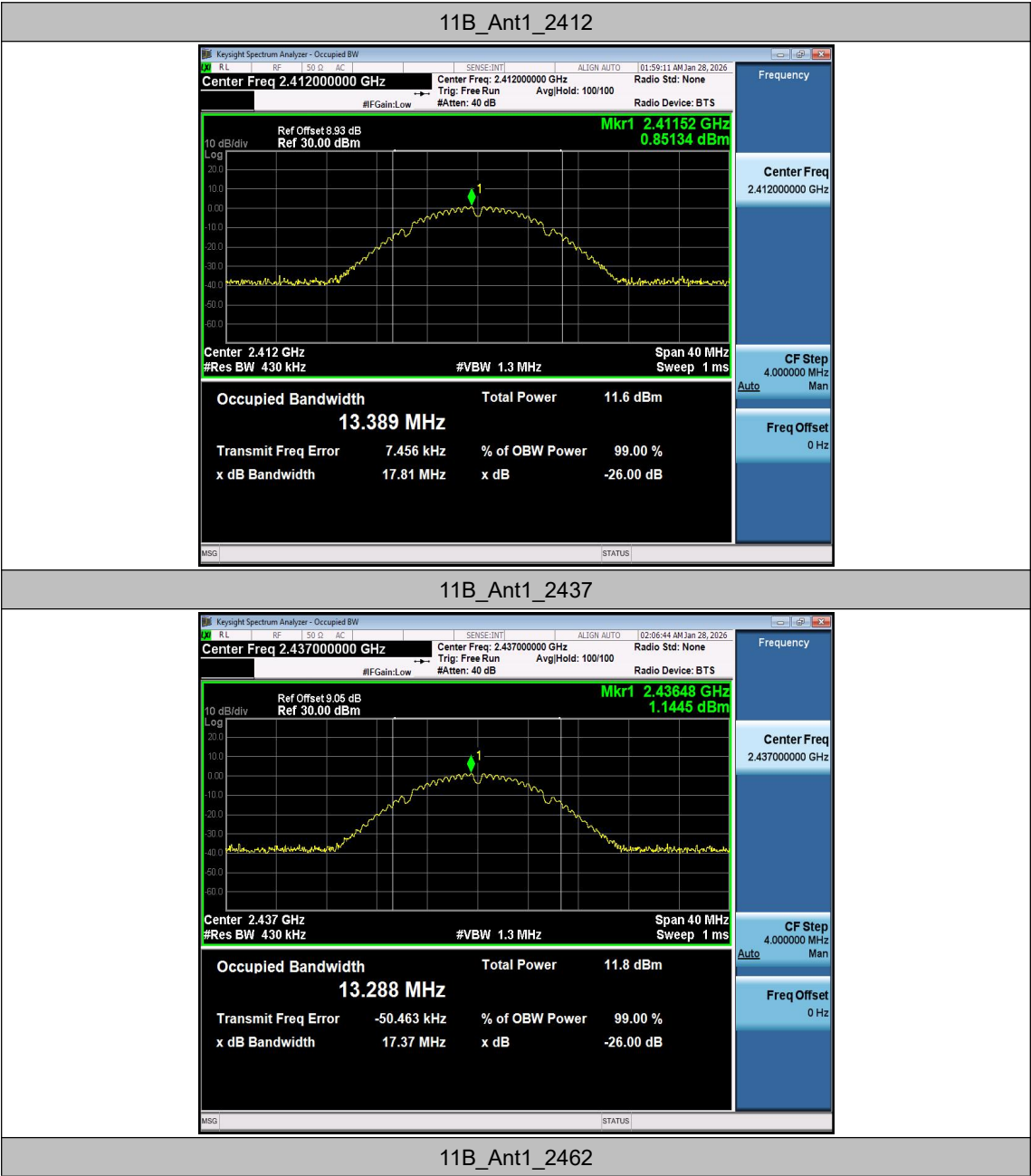


Appendix A.2: Occupied Channel Bandwidth

Test Result

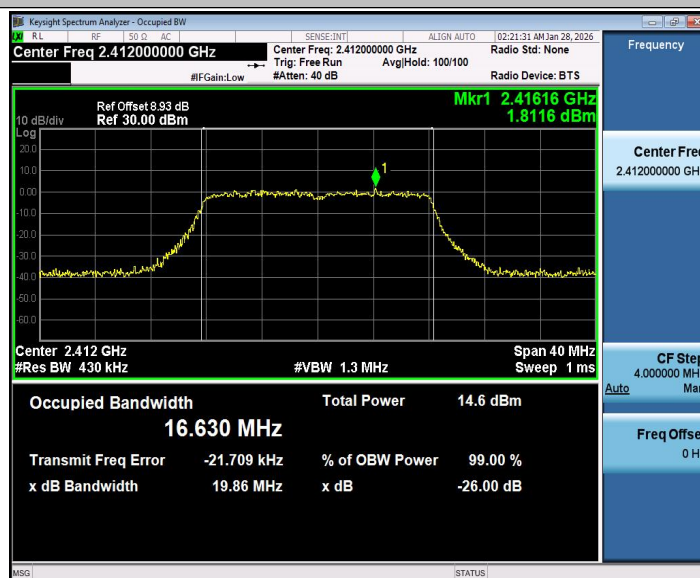
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.389	2405.3130	2418.7020	---	---
		2437	13.288	2430.3055	2443.5935	---	---
		2462	13.230	2455.3946	2468.6246	---	---
11G	Ant1	2412	16.630	2403.6633	2420.2933	---	---
		2437	16.553	2428.7017	2445.2547	---	---
		2462	16.596	2453.6607	2470.2567	---	---
11N20SISO	Ant1	2412	17.777	2403.1315	2420.9085	---	---
		2437	17.678	2428.1432	2445.8212	---	---
		2462	17.696	2453.1671	2470.8631	---	---
11N40SISO	Ant1	2422	36.140	2403.9764	2440.1164	---	---
		2437	36.142	2418.9397	2455.0817	---	---
		2452	36.215	2433.8628	2470.0778	---	---

Test Graphs

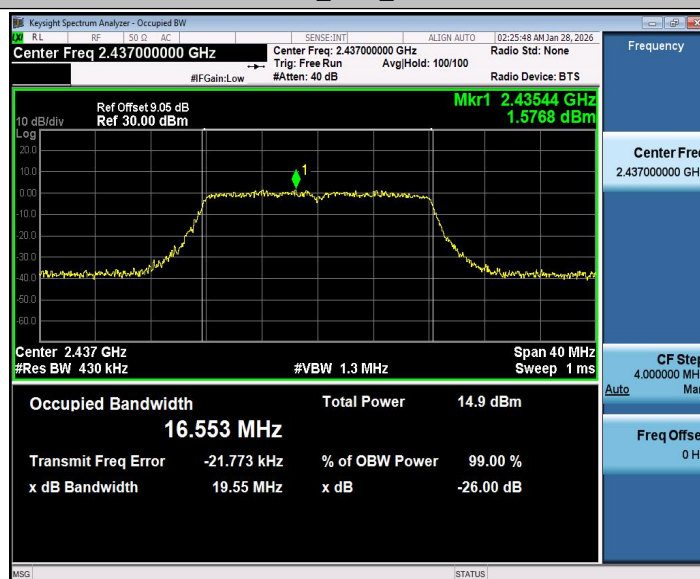




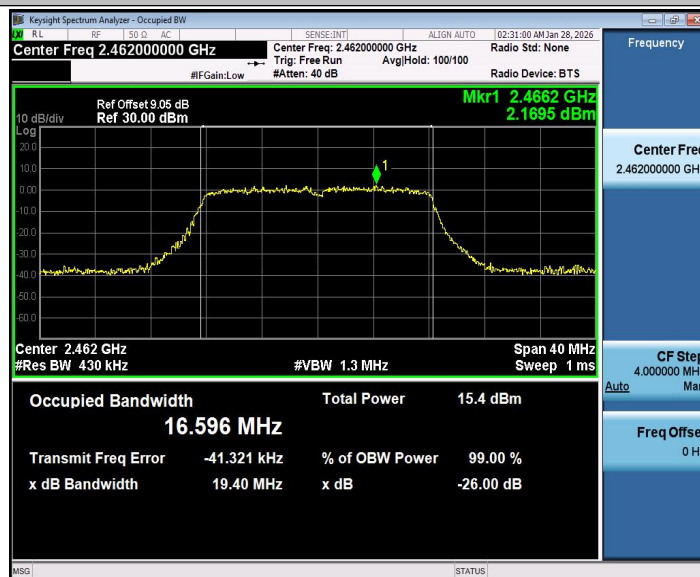
11G_Ant1_2412



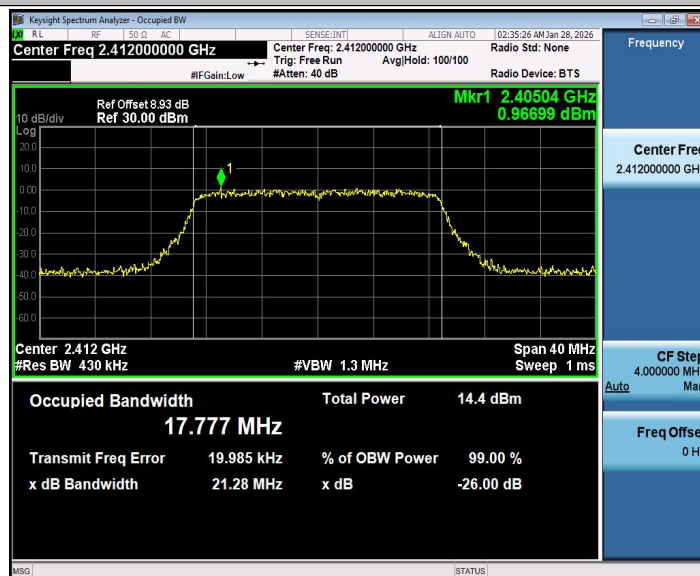
11G_Ant1_2437



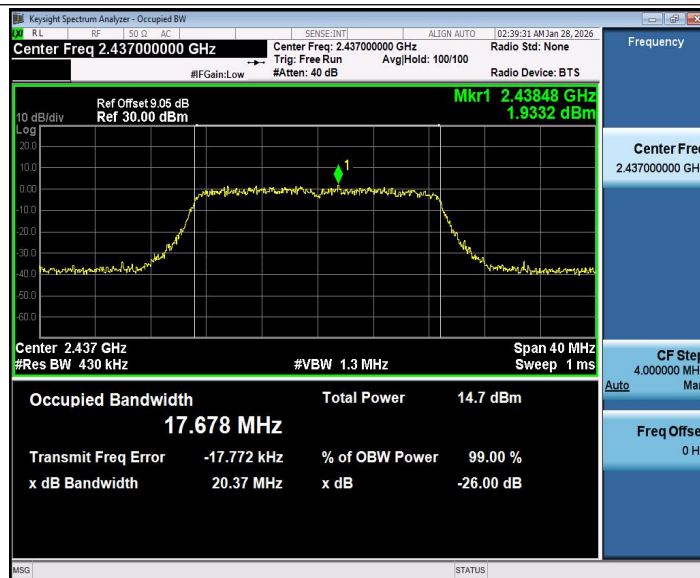
11G_Ant1_2462



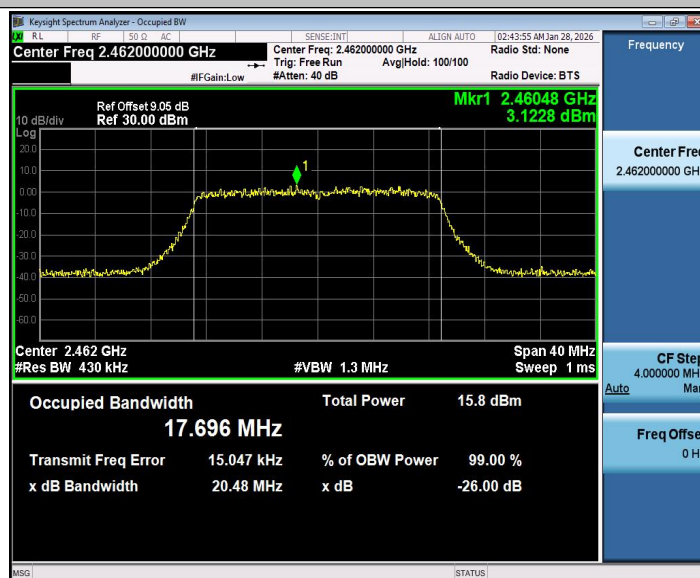
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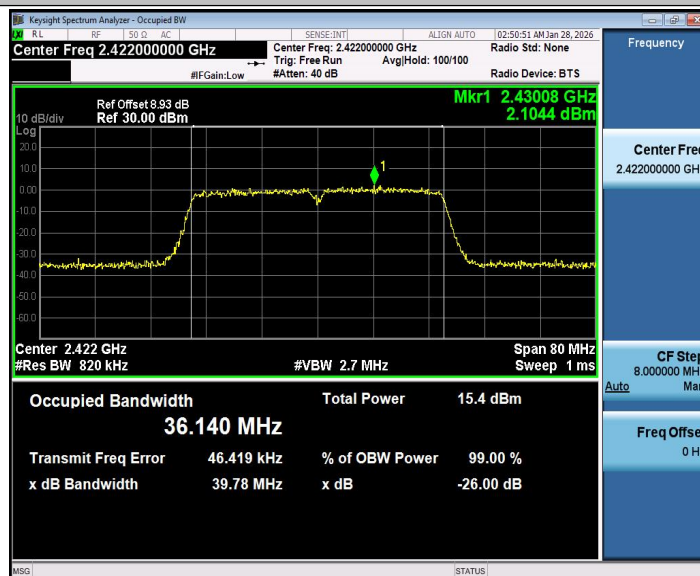
11N20SISO_Ant1_2437



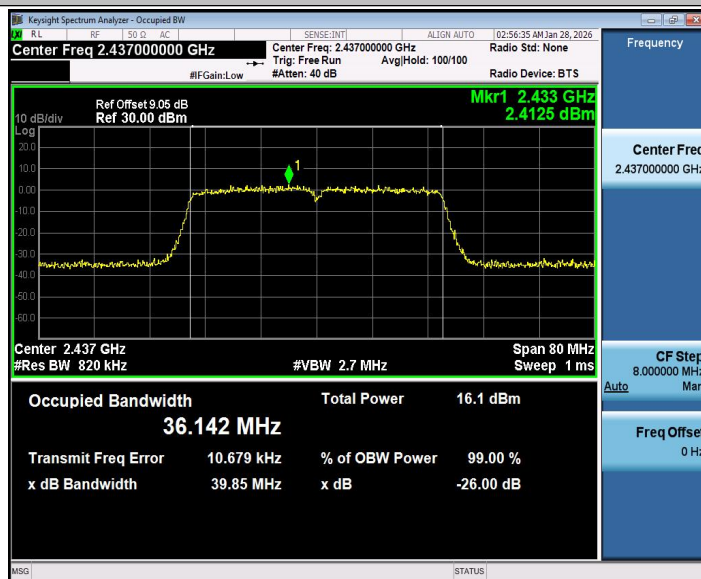
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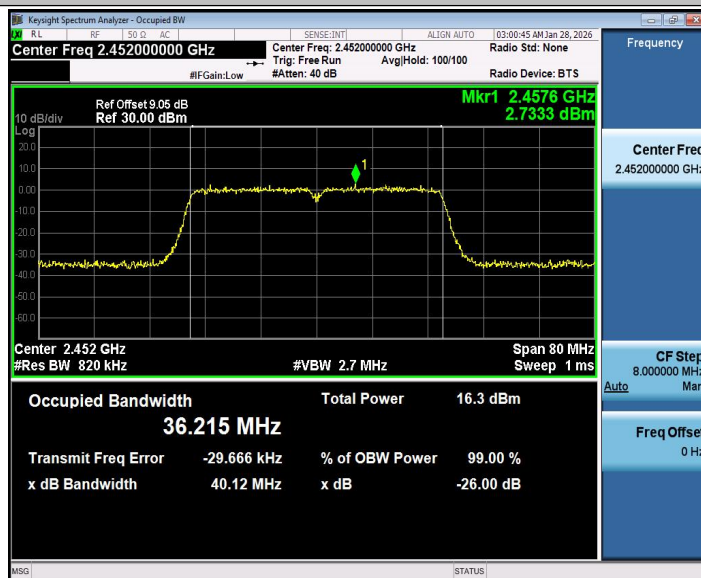
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix A.3: Maximum conducted output power

Test Mode	Antenna	Frequency [MHz]	Set Power	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	---	11.63	≤30.00	PASS
		2437	---	11.83	≤30.00	PASS
		2462	---	13.01	≤30.00	PASS
11G	Ant1	2412	---	15.77	≤30.00	PASS
		2437	---	15.94	≤30.00	PASS
		2462	---	16.41	≤30.00	PASS
11N20SI SO	Ant1	2412	---	15.53	≤30.00	PASS
		2437	---	15.75	≤30.00	PASS
		2462	---	16.76	≤30.00	PASS
11N40SI SO	Ant1	2422	---	15.63	≤30.00	PASS
		2437	---	16.30	≤30.00	PASS
		2452	---	16.46	≤30.00	PASS

Appendix A.4: Maximum power spectral density

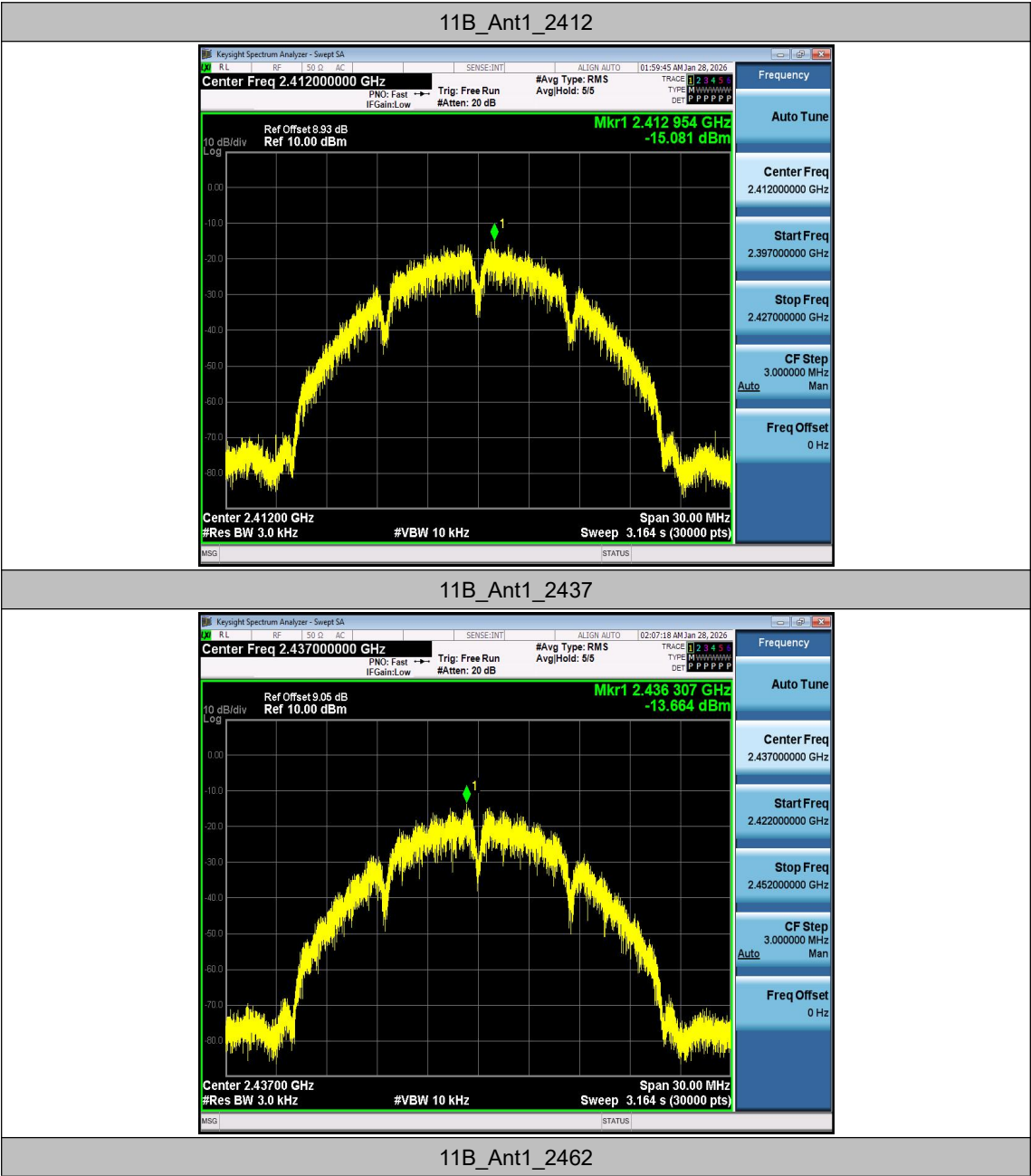
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-15.08	≤8.00	PASS
		2437	-13.66	≤8.00	PASS
		2462	-13.16	≤8.00	PASS
11G	Ant1	2412	-18.26	≤8.00	PASS
		2437	-17.41	≤8.00	PASS
		2462	-16.50	≤8.00	PASS
11N20SISO	Ant1	2412	-17.00	≤8.00	PASS
		2437	-17.28	≤8.00	PASS
		2462	-15.68	≤8.00	PASS
11N40SISO	Ant1	2422	-20.62	≤8.00	PASS
		2437	-20.84	≤8.00	PASS
		2452	-19.28	≤8.00	PASS

Note:

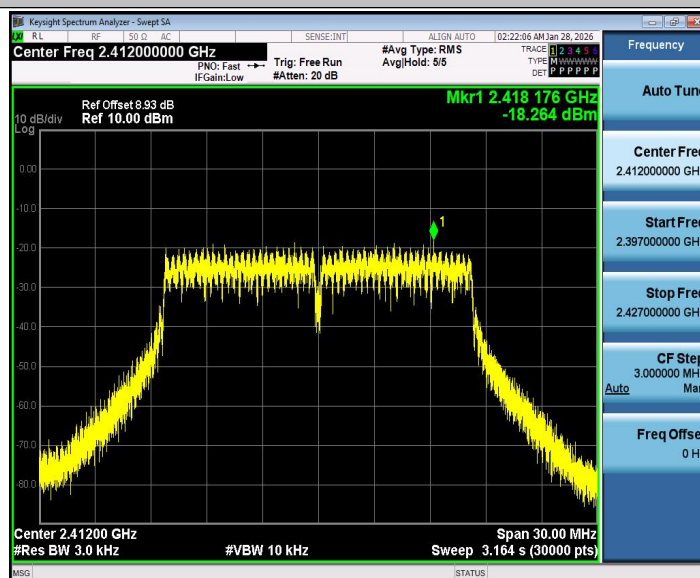
1. The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

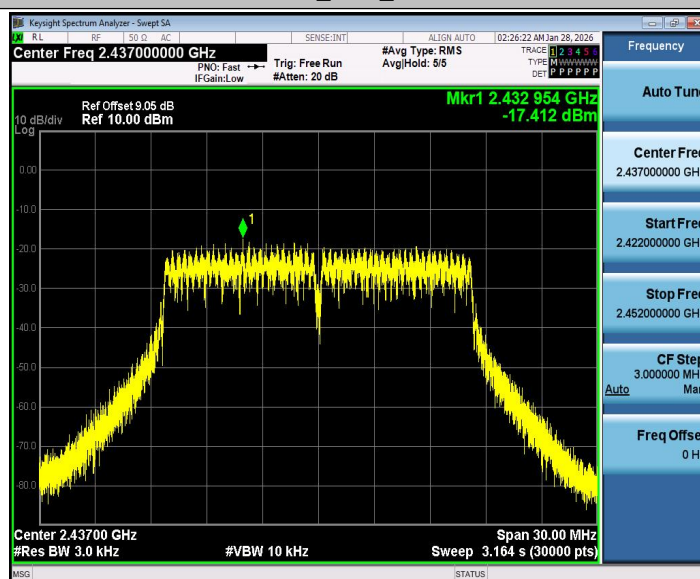




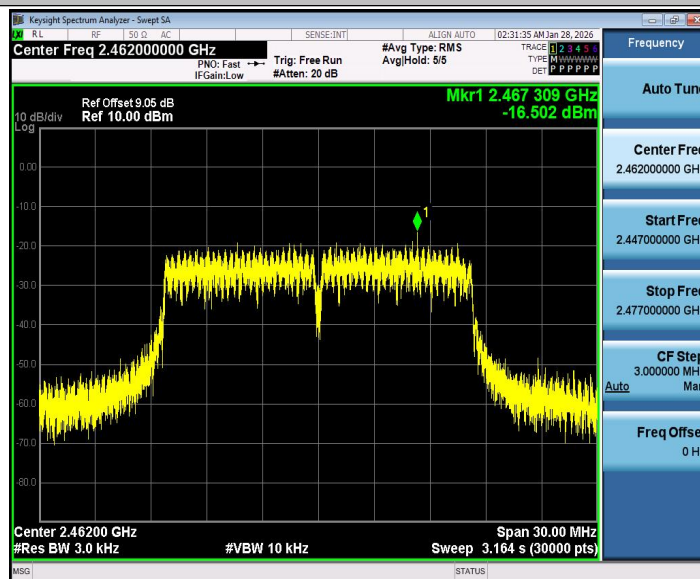
11G_Ant1_2412



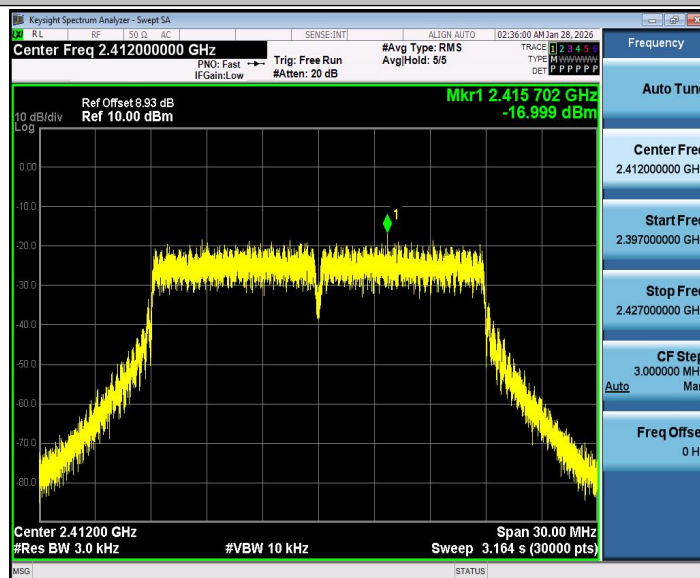
11G_Ant1_2437



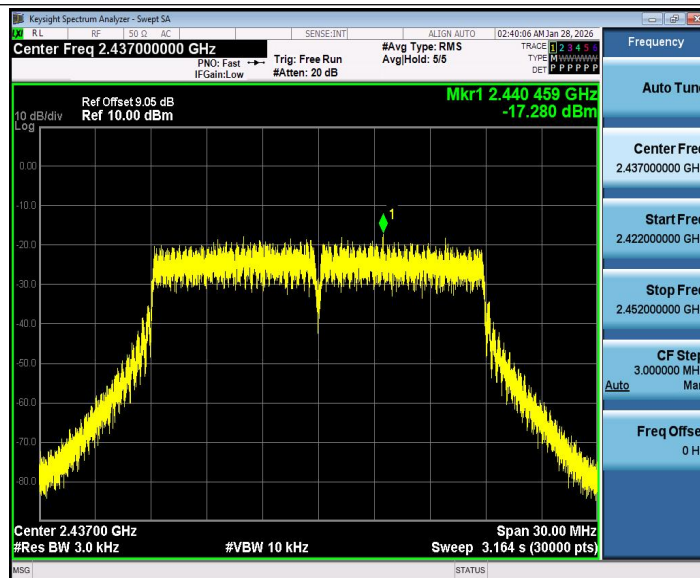
11G_Ant1_2462



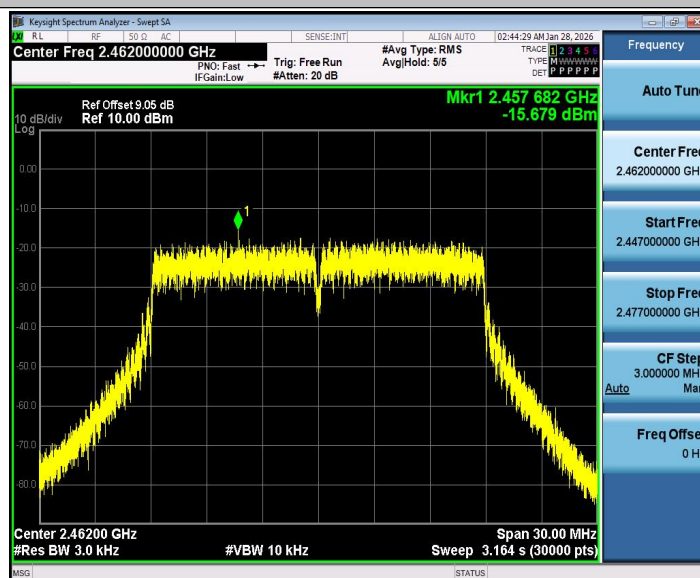
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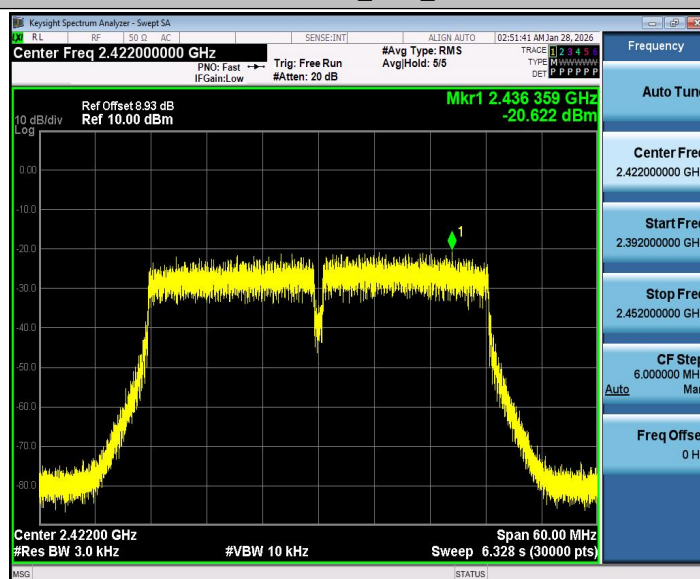
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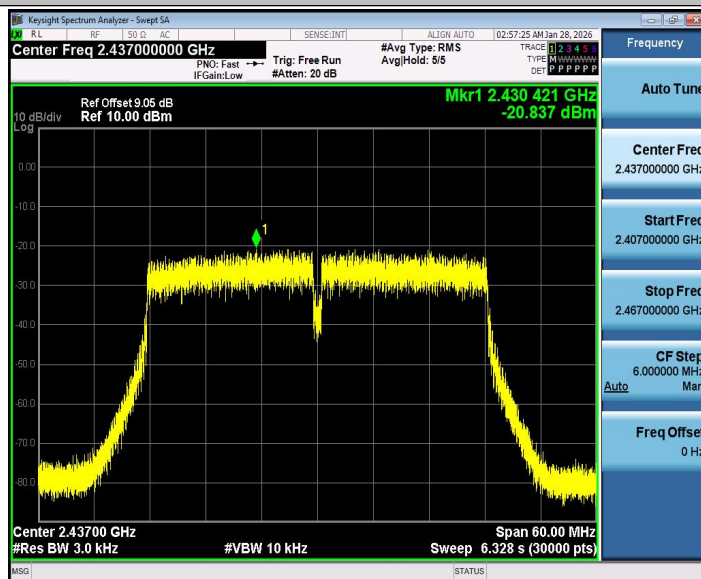
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

