

Case No. : GTS20221207004-1-4	
Ambient Condition: 25 °C, 45 %RH, Atmos100.1Kpa,	
Test Date: 2023.1.6	Test Engineer: Jenny zeng

Appendix C.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.560	2407.480	2416.040	0.5	PASS
		2437	7.520	2433.000	2440.520	0.5	PASS
		2462	8.520	2457.480	2466.000	0.5	PASS
11G	Ant1	2412	16.320	2403.840	2420.160	0.5	PASS
		2437	16.320	2428.840	2445.160	0.5	PASS
		2462	16.320	2453.840	2470.160	0.5	PASS
11N20SISO	Ant1	2412	17.560	2403.200	2420.760	0.5	PASS
		2437	17.600	2428.200	2445.800	0.5	PASS
		2462	17.600	2453.200	2470.800	0.5	PASS
11N40SISO	Ant1	2422	36.320	2403.840	2440.160	0.5	PASS
		2437	36.320	2418.840	2455.160	0.5	PASS
		2452	35.840	2433.840	2469.680	0.5	PASS
11AX20SISO	Ant1	2412	18.960	2402.520	2421.480	0.5	PASS
		2437	18.840	2427.480	2446.320	0.5	PASS
		2462	18.920	2452.480	2471.400	0.5	PASS
11AX40SISO	Ant1	2422	37.920	2402.960	2440.880	0.5	PASS
		2437	37.920	2417.960	2455.880	0.5	PASS
		2452	37.920	2432.960	2470.880	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



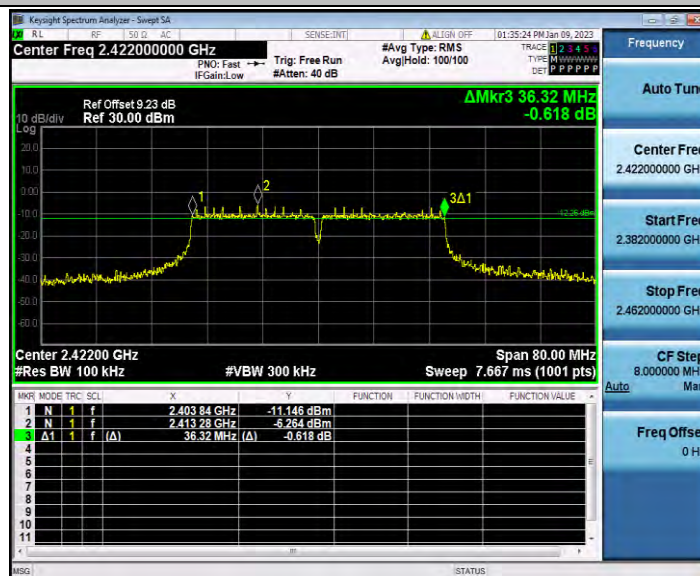
11N20SISO_Ant1_2437



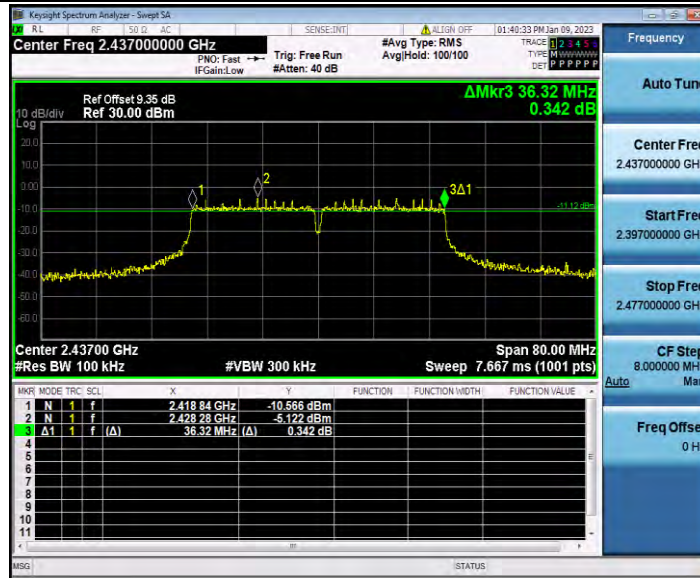
11N20SISO_Ant1_2462



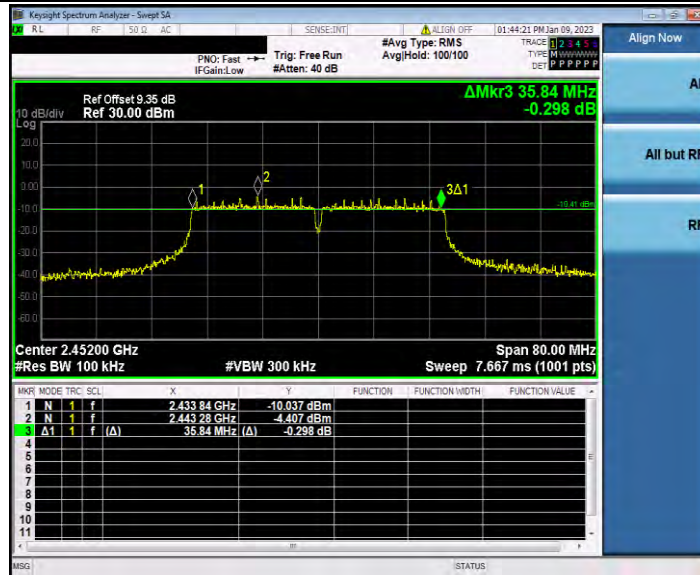
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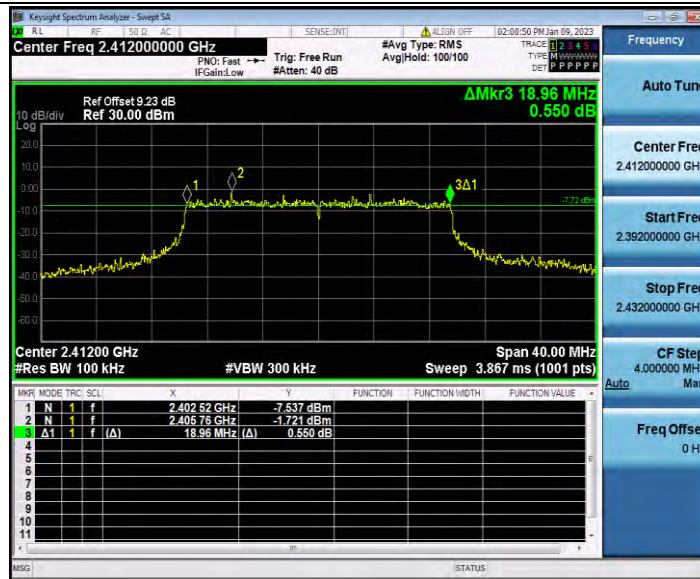
11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



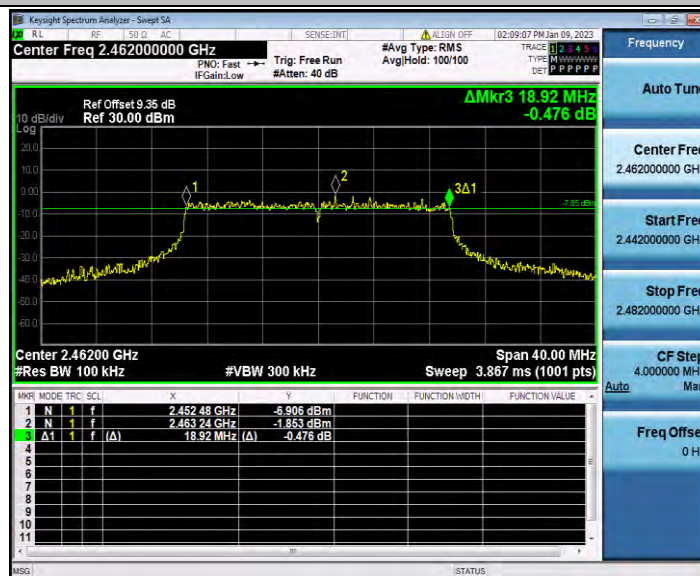
11AX20SISO_Ant1_2412



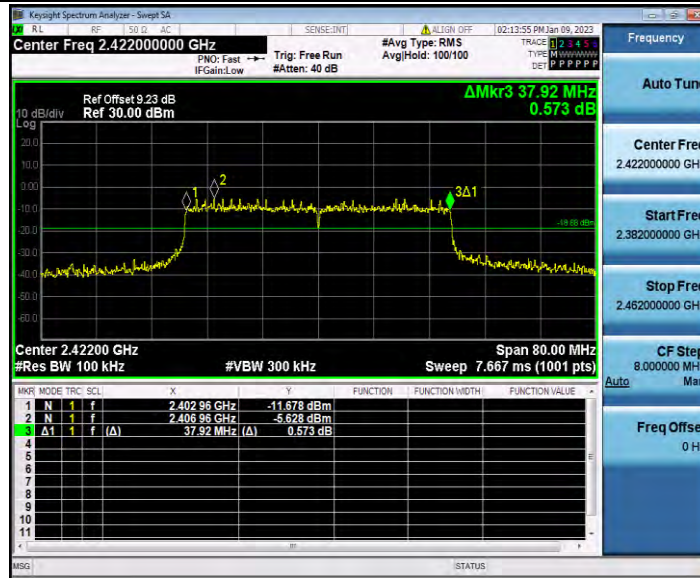
11AX20SISO_Ant1_2437



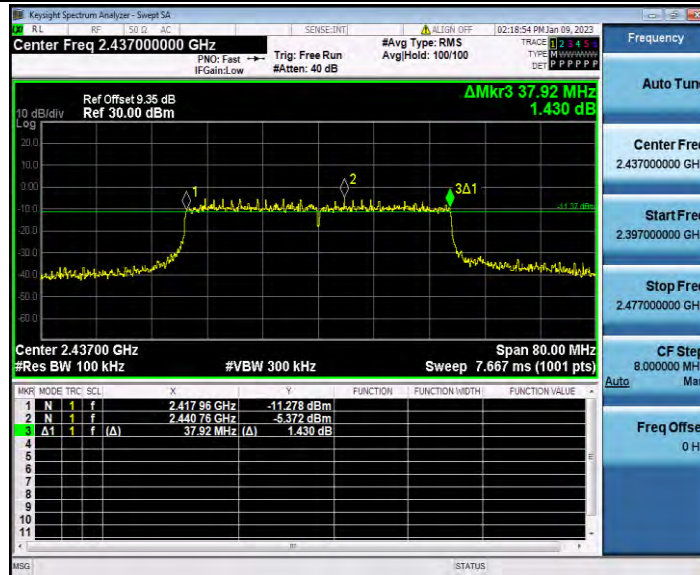
11AX20SISO_Ant1_2462



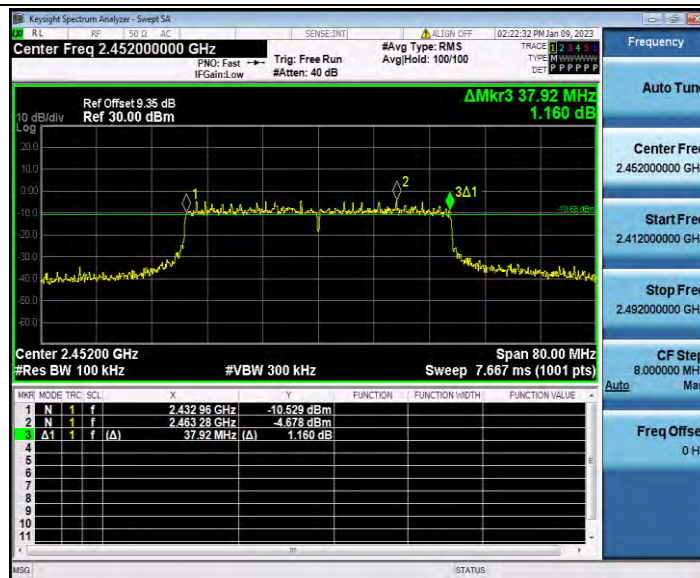
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



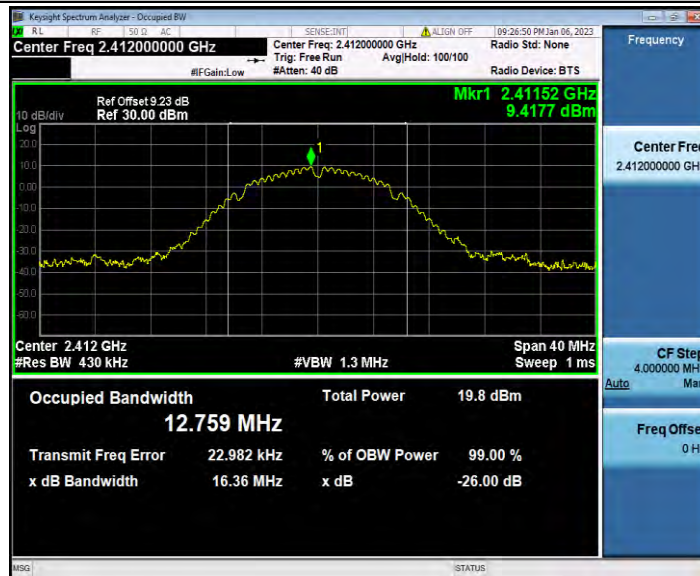
Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.759	2405.643	2418.402	---	---
		2437	12.520	2430.774	2443.294	---	---
		2462	12.495	2455.747	2468.242	---	---
11G	Ant1	2412	17.888	2402.929	2420.817	---	---
		2437	17.749	2428.089	2445.838	---	---
		2462	17.753	2452.954	2470.707	---	---
11N20SISO	Ant1	2412	19.099	2402.456	2421.555	---	---
		2437	19.038	2427.518	2446.556	---	---
		2462	18.949	2452.509	2471.458	---	---
11N40SISO	Ant1	2422	37.495	2403.314	2440.809	---	---
		2437	37.373	2418.281	2455.654	---	---
		2452	37.510	2433.194	2470.704	---	---
11AX20SISO	Ant1	2412	19.562	2402.180	2421.742	---	---
		2437	19.542	2427.205	2446.747	---	---
		2462	19.482	2452.247	2471.729	---	---
11AX40SISO	Ant1	2422	38.311	2402.811	2441.122	---	---
		2437	38.346	2417.842	2456.188	---	---
		2452	38.353	2432.800	2471.153	---	---

Test Graphs

11B_Ant1_2412



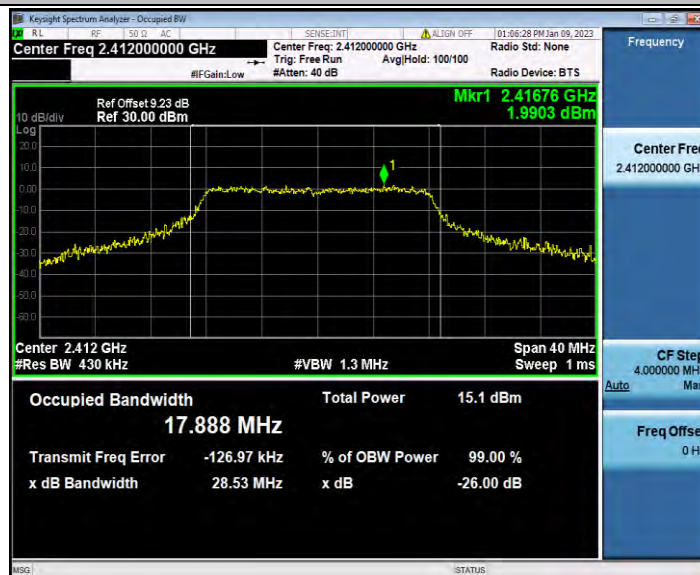
11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



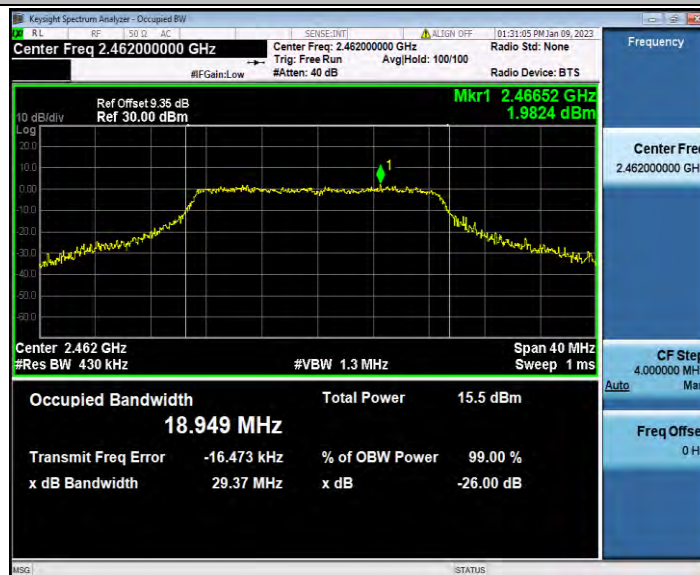
11N20SISO_Ant1_2412



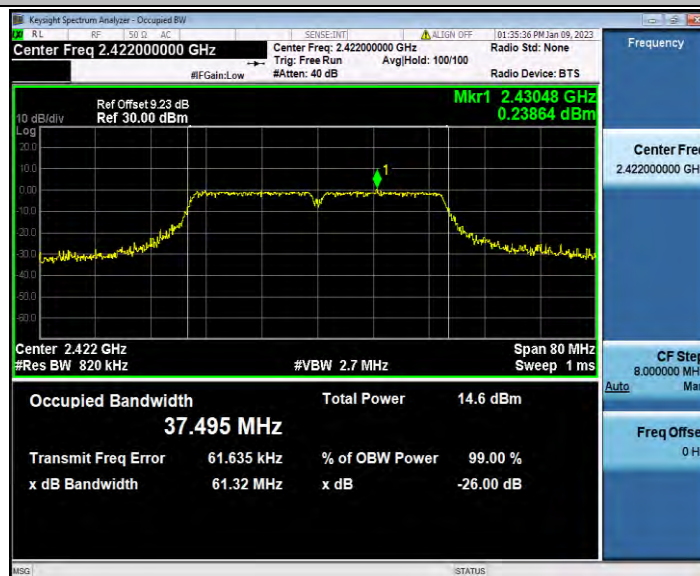
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



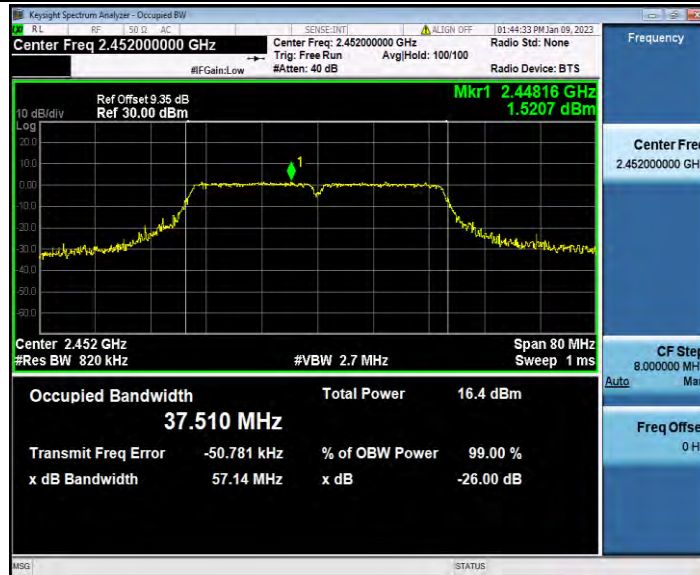
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11N40SISO_Ant1_2437



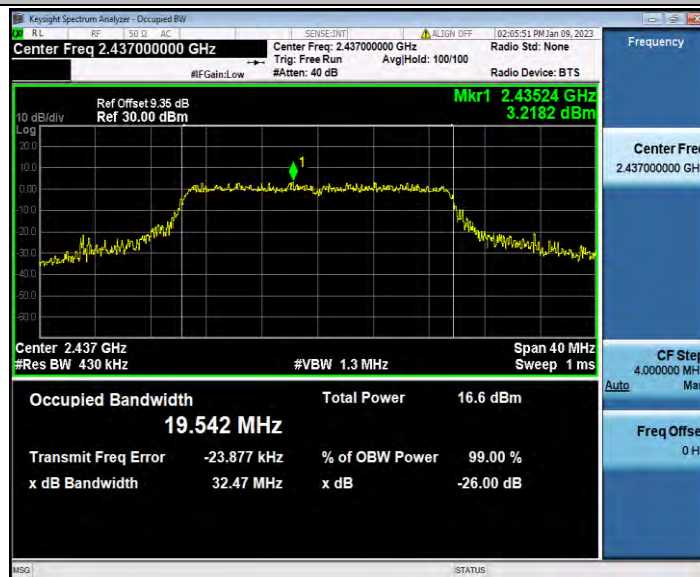
11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



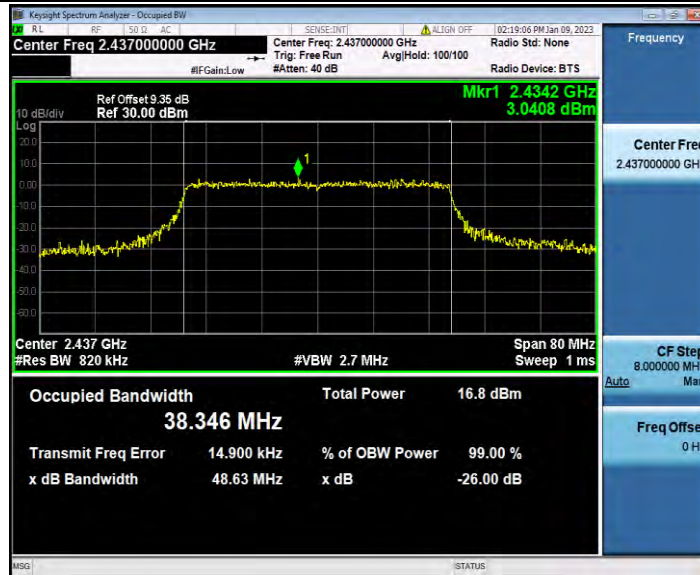
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix C.3: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	19.84	≤30.00	PASS
		2437	20.64	≤30.00	PASS
		2462	20.93	≤30.00	PASS
11G	Ant1	2412	16.19	≤30.00	PASS
		2437	16.21	≤30.00	PASS
		2462	16.61	≤30.00	PASS
11N20SISO	Ant1	2412	16.12	≤30.00	PASS
		2437	16.20	≤30.00	PASS
		2462	16.59	≤30.00	PASS
11N40SISO	Ant1	2422	15.00	≤30.00	PASS
		2437	16.22	≤30.00	PASS
		2452	16.72	≤30.00	PASS
11AX20SISO	Ant1	2412	16.95	≤30.00	PASS
		2437	17.08	≤30.00	PASS
		2462	17.39	≤30.00	PASS
11AX40SISO	Ant1	2422	16.69	≤30.00	PASS
		2437	16.89	≤30.00	PASS
		2452	17.42	≤30.00	PASS

Appendix C.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-5.31	≤8.00	PASS
		2437	-0.84	≤8.00	PASS
		2462	-4.26	≤8.00	PASS
11G	Ant1	2412	-16.14	≤8.00	PASS
		2437	-16.65	≤8.00	PASS
		2462	-15.68	≤8.00	PASS
11N20SISO	Ant1	2412	-16.81	≤8.00	PASS
		2437	-16.67	≤8.00	PASS
		2462	-16.05	≤8.00	PASS
11N40SISO	Ant1	2422	-20.28	≤8.00	PASS
		2437	-18.84	≤8.00	PASS
		2452	-18.14	≤8.00	PASS
11AX20SISO	Ant1	2412	-17.61	≤8.00	PASS
		2437	-17.55	≤8.00	PASS
		2462	-17.04	≤8.00	PASS
11AX40SISO	Ant1	2422	-20.32	≤8.00	PASS
		2437	-20.2	≤8.00	PASS
		2452	-19.99	≤8.00	PASS

Test Graphs

11B_Ant1_2412



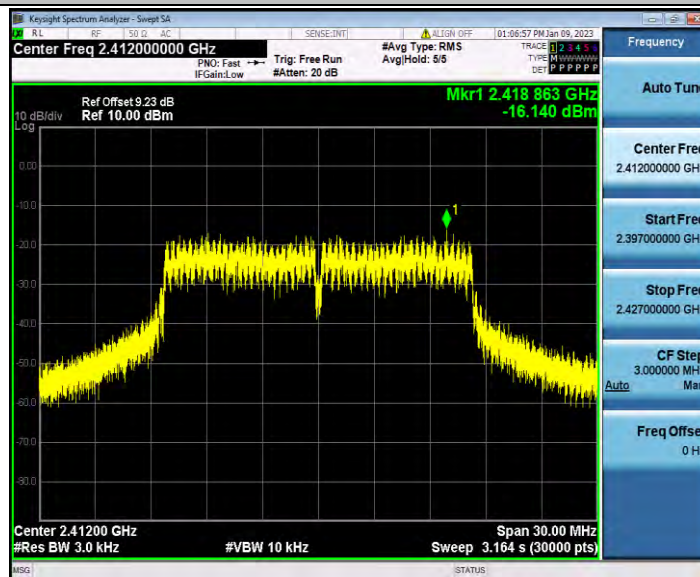
11B_Ant1_2437



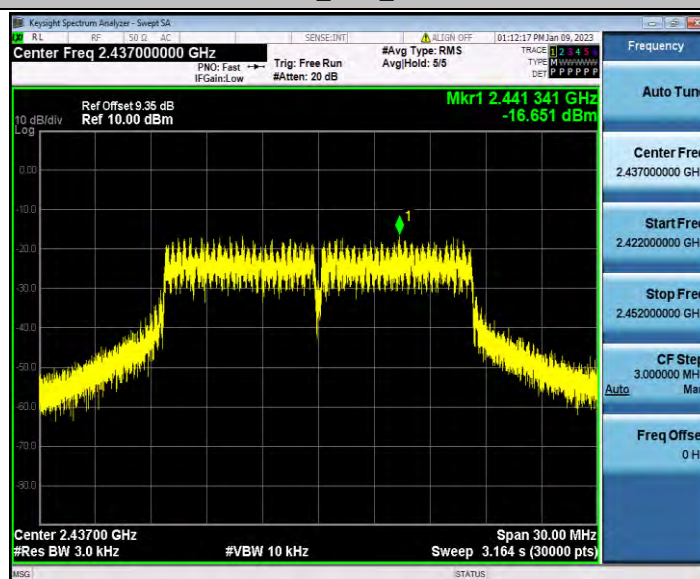
11B_Ant1_2462



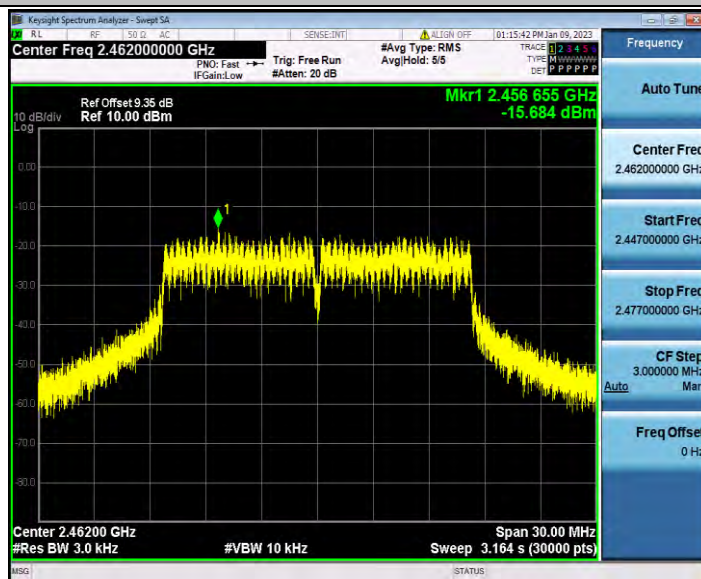
11G_Ant1_2412



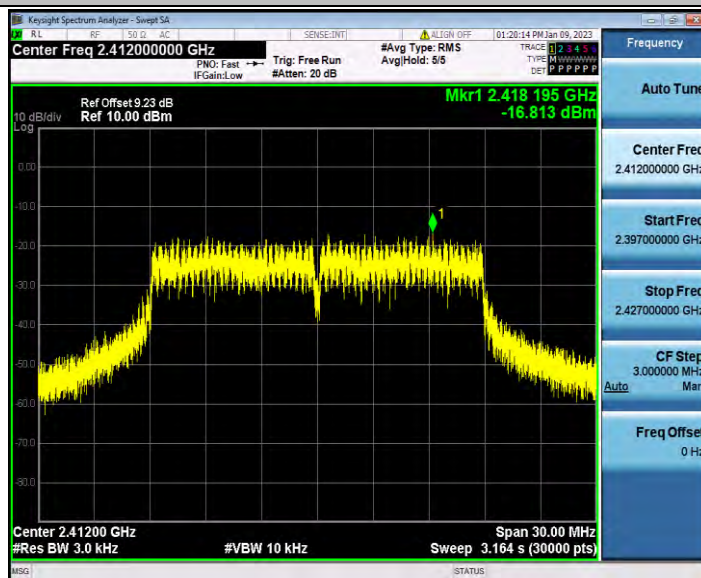
11G_Ant1_2437



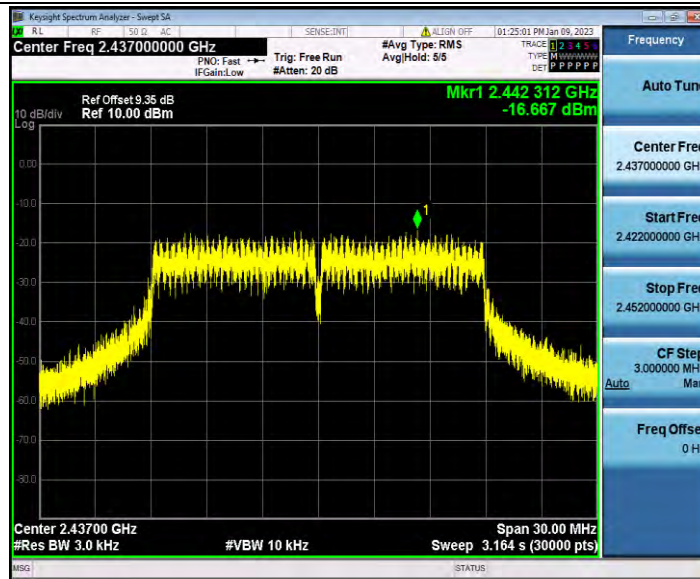
11G_Ant1_2462



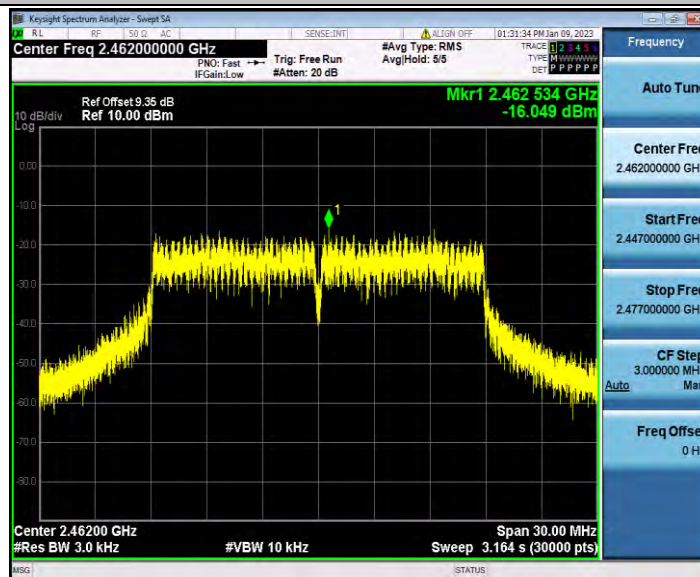
11N20SISO_Ant1_2412



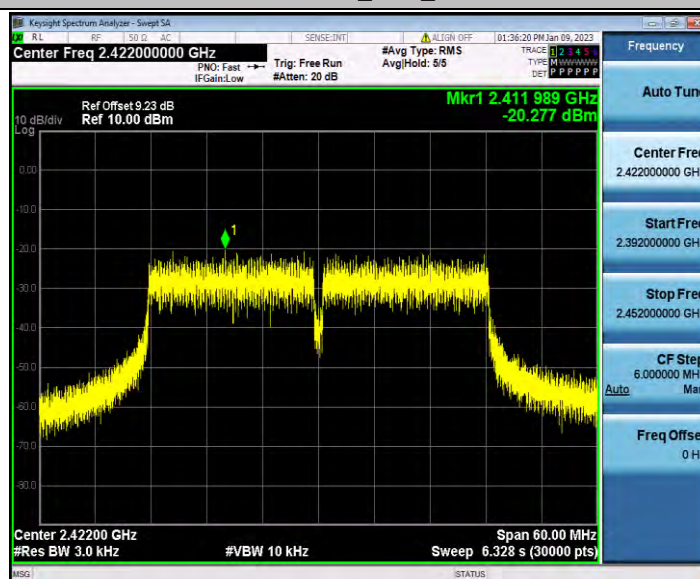
11N20SISO_Ant1_2437



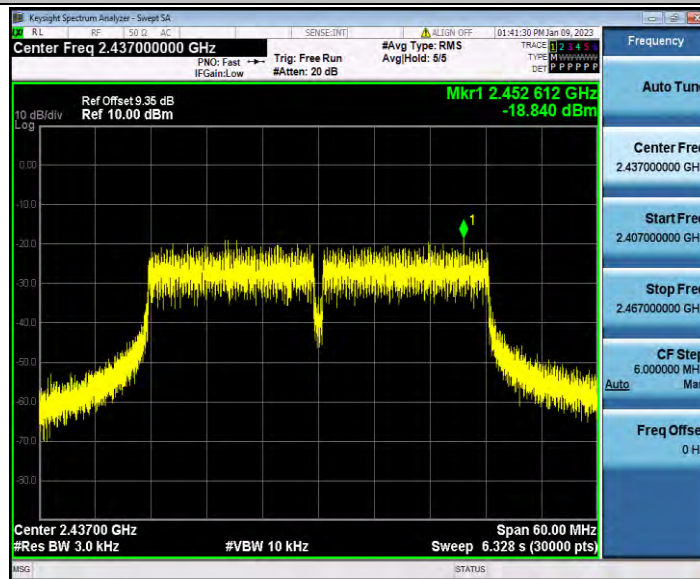
11N20SISO_Ant1_2462



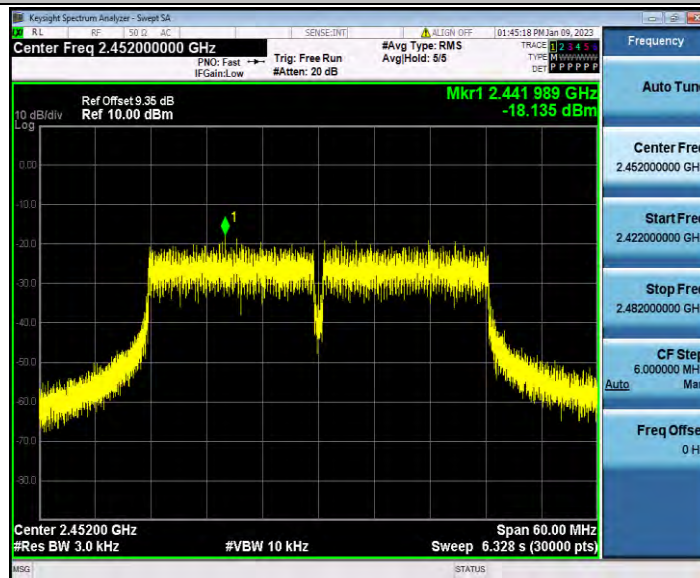
11N40SISO_Ant1_2422



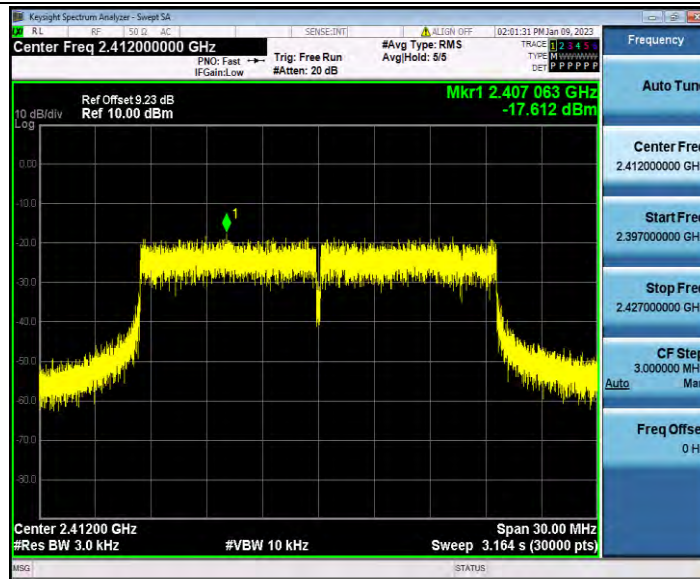
11N40SISO_Ant1_2437



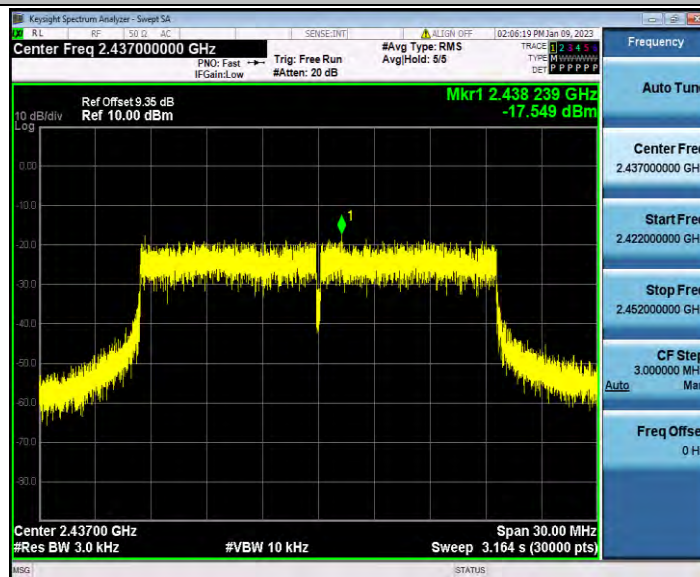
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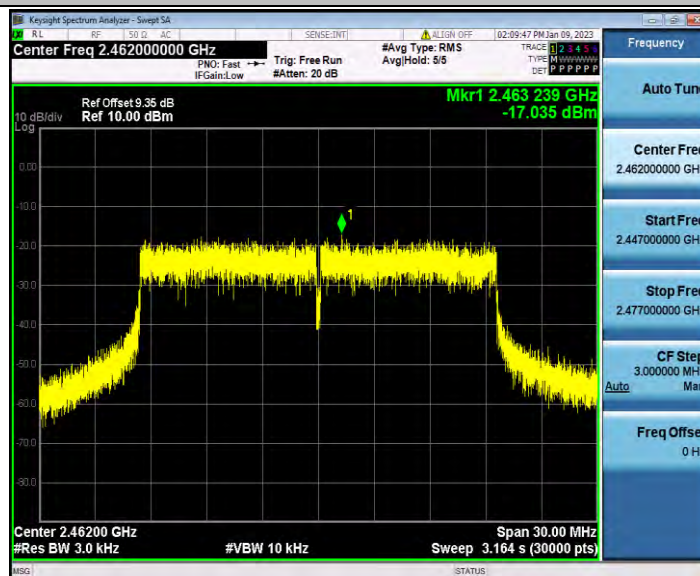
11AX20SISO_Ant1_2412



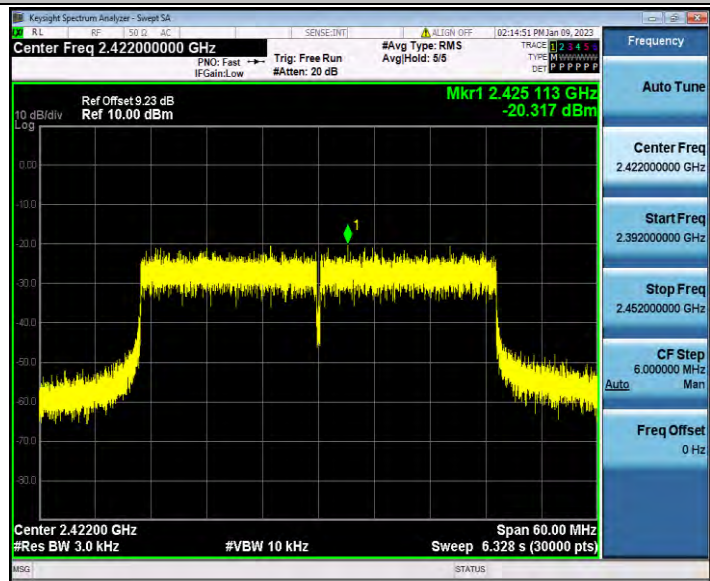
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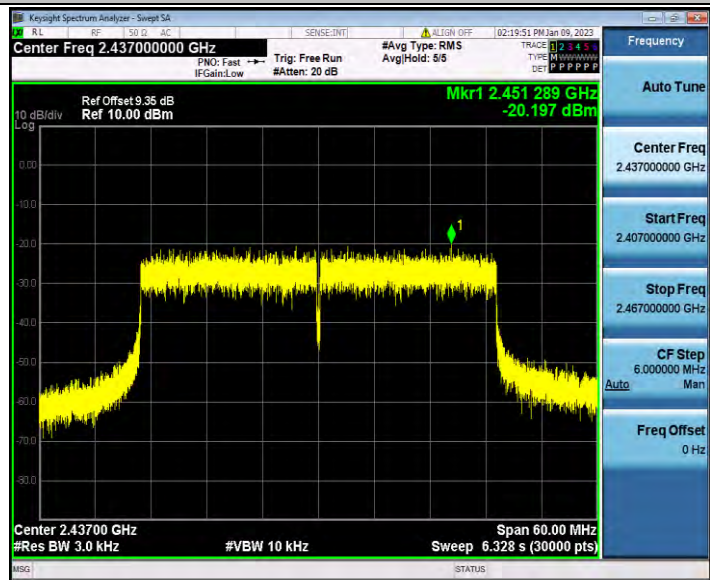
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

