

Case No. : <u>GTS20250827007-1-03</u>	
Ambient Condition: <u>22</u> °C, <u>56</u> %RH,	
Test Date: <u>2025.9.3-2025.9.9</u>	Test Engineer: <u>Evan ouyang</u>

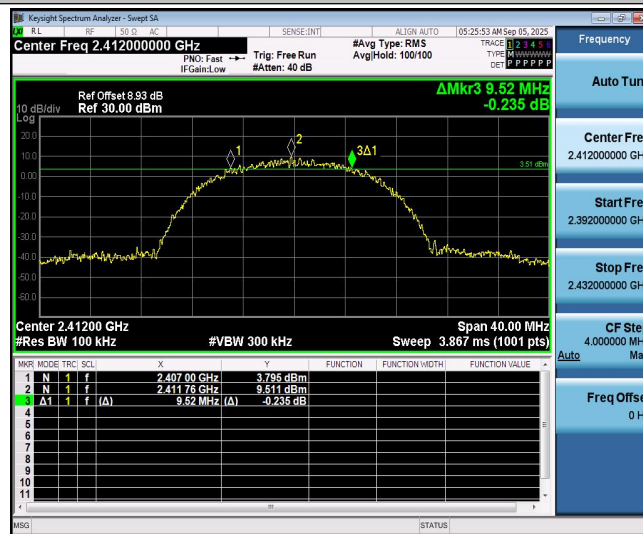
Appendix B.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.520	2407.000	2416.520	0.5	PASS
		2437	9.520	2432.000	2441.520	0.5	PASS
		2462	11.040	2456.560	2467.600	0.5	PASS
11G	Ant1	2412	16.360	2403.840	2420.200	0.5	PASS
		2437	16.400	2428.800	2445.200	0.5	PASS
		2462	16.360	2453.840	2470.200	0.5	PASS
11N20SISO	Ant1	2412	17.680	2403.120	2420.800	0.5	PASS
		2437	17.720	2428.120	2445.840	0.5	PASS
		2462	17.720	2453.120	2470.840	0.5	PASS
11AX20SISO	Ant1	2412	19.000	2402.520	2421.520	0.5	PASS
		2437	19.000	2427.520	2446.520	0.5	PASS
		2462	19.000	2452.520	2471.520	0.5	PASS

Test Graphs

11B_Ant1_2412



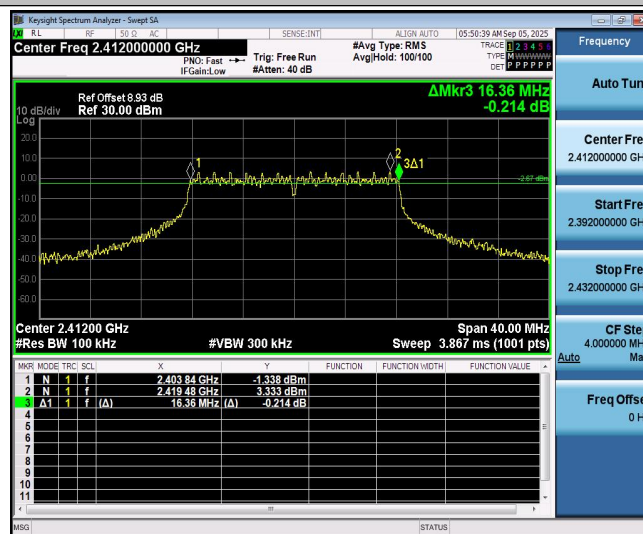
11B_Ant1_2437



11B_Ant1_2462



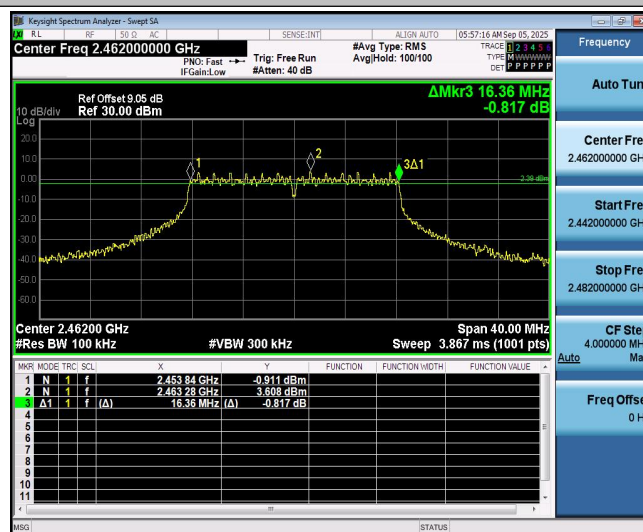
11G_Ant1_2412



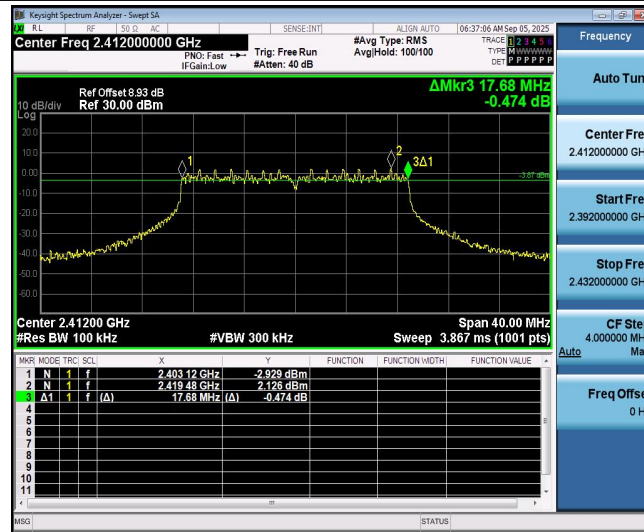
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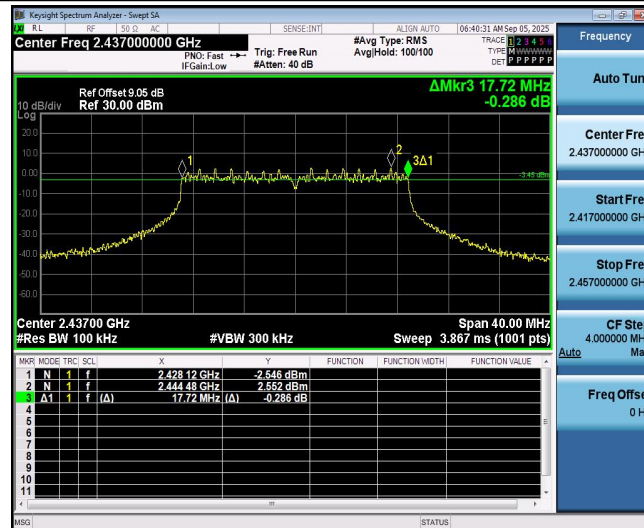
11G_Ant1_2462



11N20SISO_Ant1_2412



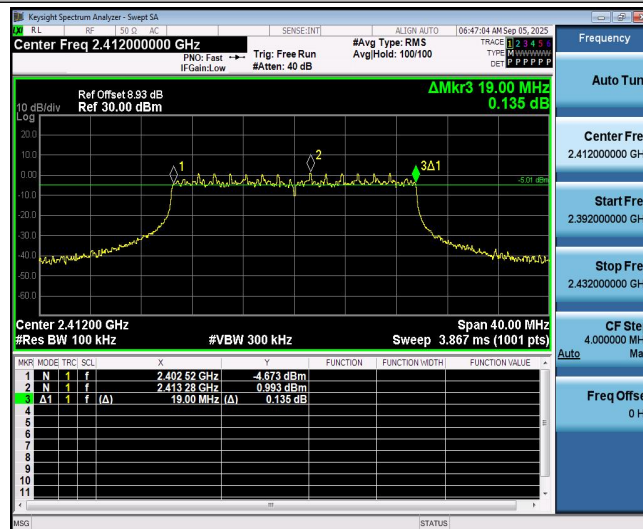
11N20SISO_Ant1_2437



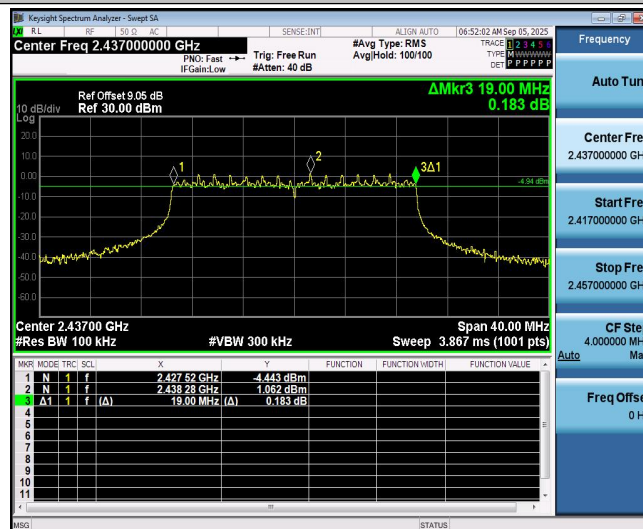
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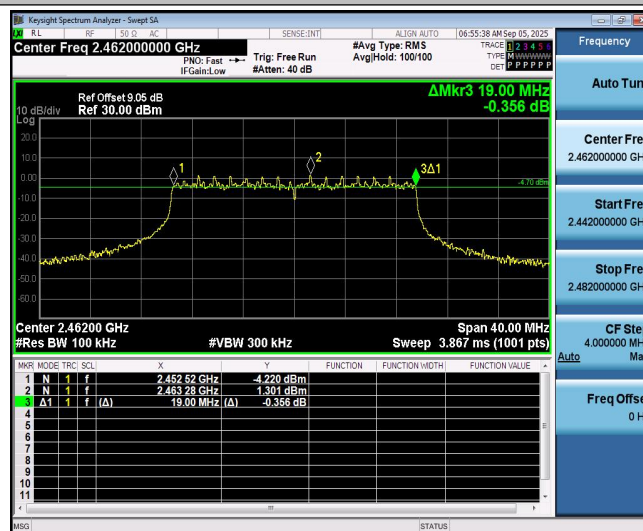
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



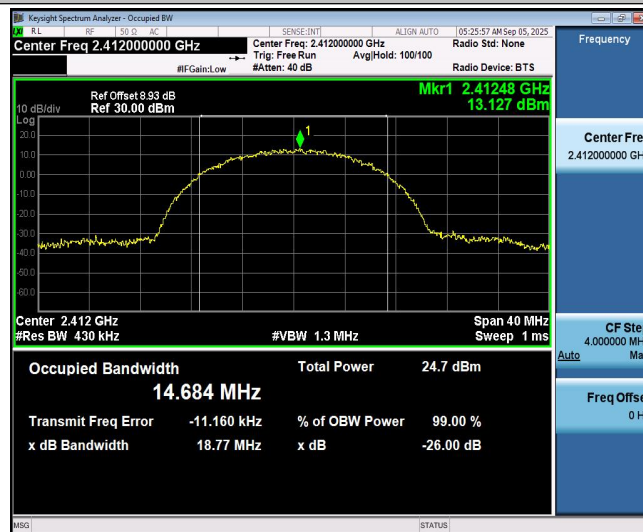
Appendix B.2: Occupied Channel Bandwidth

Test Result

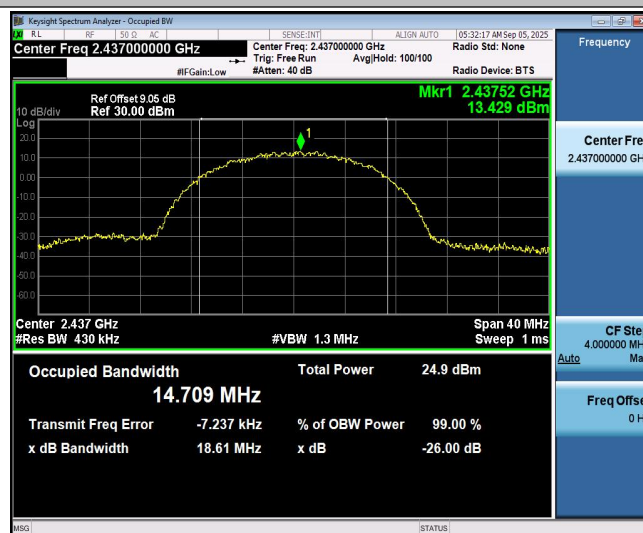
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.684	2404.6468	2419.3308	---	---
		2437	14.709	2429.6383	2444.3473	---	---
		2462	14.718	2454.6065	2469.3245	---	---
11G	Ant1	2412	17.005	2403.4203	2420.4253	---	---
		2437	17.019	2428.4230	2445.4420	---	---
		2462	17.006	2453.4172	2470.4232	---	---
11N20SISO	Ant1	2412	18.150	2402.8767	2421.0267	---	---
		2437	18.221	2427.8259	2446.0469	---	---
		2462	18.198	2452.8161	2471.0141	---	---
11AX20SISO	Ant1	2412	19.228	2402.3765	2421.6045	---	---
		2437	19.239	2427.3665	2446.6055	---	---
		2462	19.224	2452.3755	2471.5995	---	---

Test Graphs

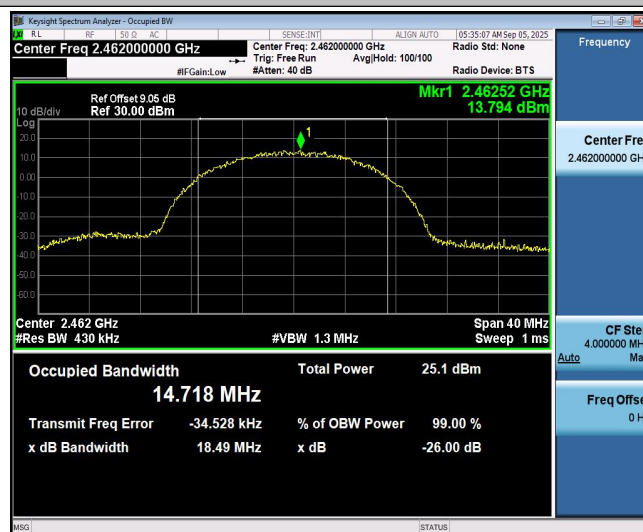
11B_Ant1_2412



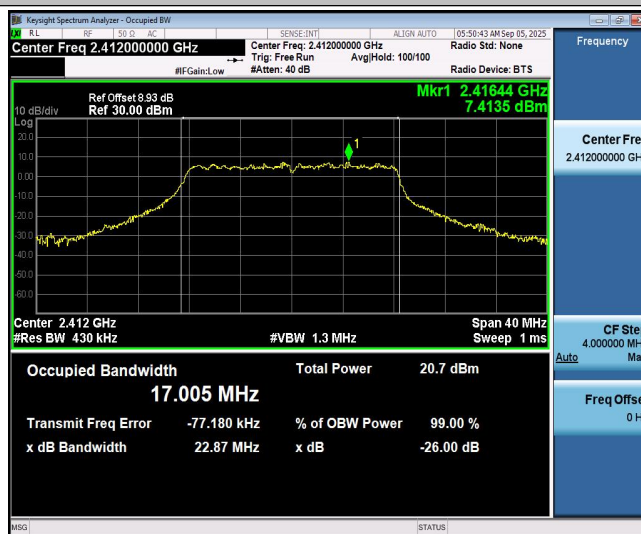
11B_Ant1_2437



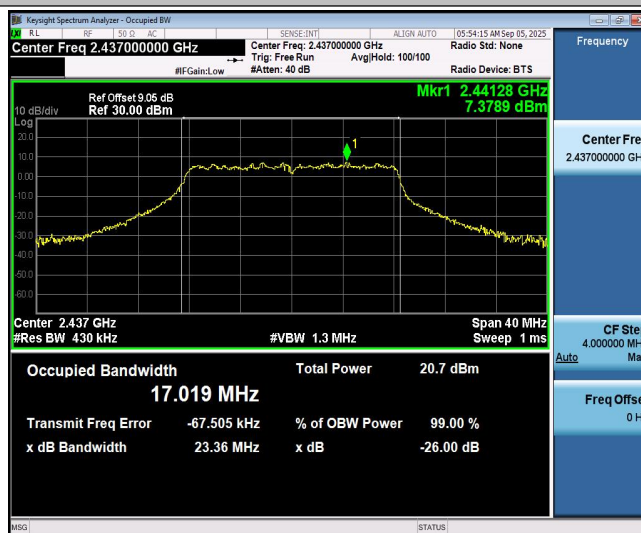
11B_Ant1_2462



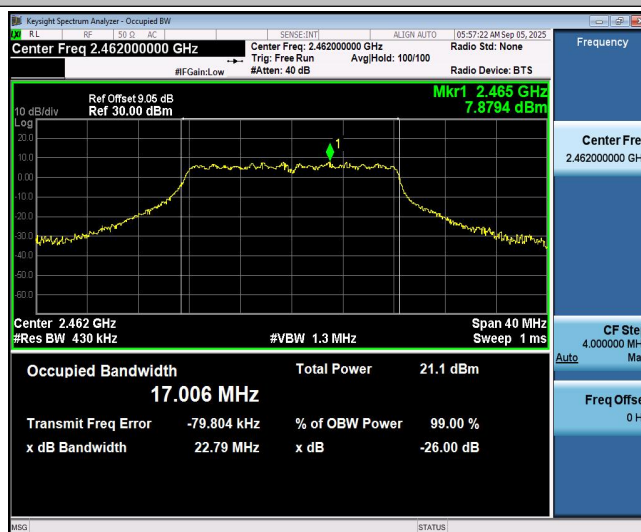
11G_Ant1_2412



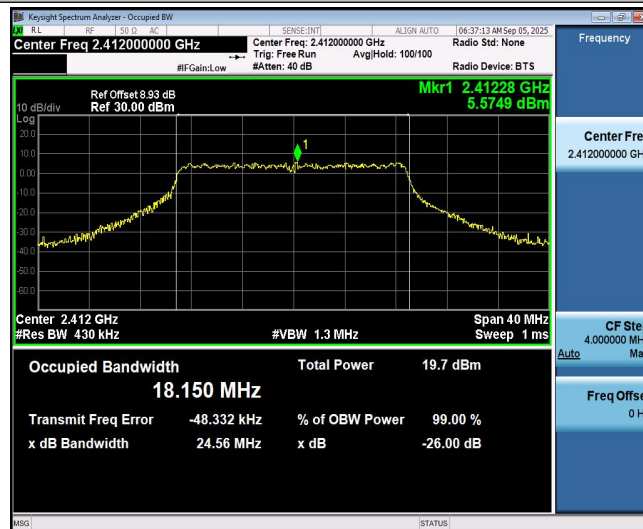
11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



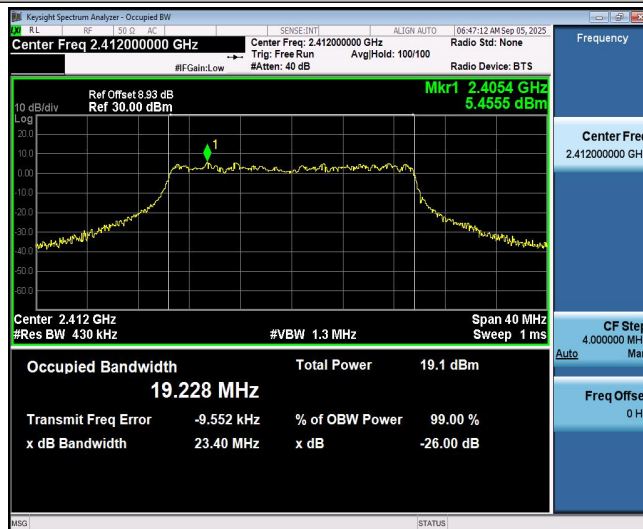
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



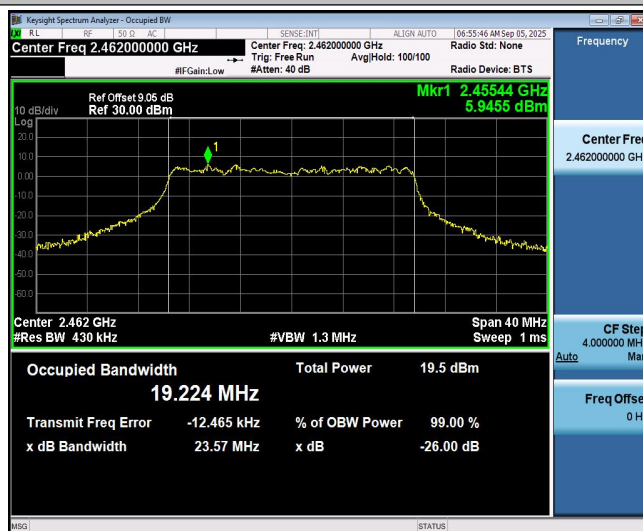
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



Appendix B.3: Maximum output power

Test Result

Test Mode	Antenna	Frequency [MHz]	Peak power [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
1B	Ant1	2412	24.19	≤30.00	2.65	26.84	≤36.00	PASS
		2437	24.38	≤30.00	2.65	27.03	≤36.00	PASS
		2462	24.69	≤30.00	2.65	27.34	≤36.00	PASS
11G	Ant1	2412	21.75	≤30.00	2.65	24.40	≤36.00	PASS
		2437	21.75	≤30.00	2.65	24.40	≤36.00	PASS
		2462	22.12	≤30.00	2.65	24.77	≤36.00	PASS
11N20SISO	Ant1	2412	20.58	≤30.00	2.65	23.23	≤36.00	PASS
		2437	20.88	≤30.00	2.65	23.53	≤36.00	PASS
		2462	21.07	≤30.00	2.65	23.72	≤36.00	PASS
11AX20SISO	Ant1	2412	19.77	≤30.00	2.65	22.42	≤36.00	PASS
		2437	19.89	≤30.00	2.65	22.54	≤36.00	PASS
		2462	20.03	≤30.00	2.65	22.68	≤36.00	PASS

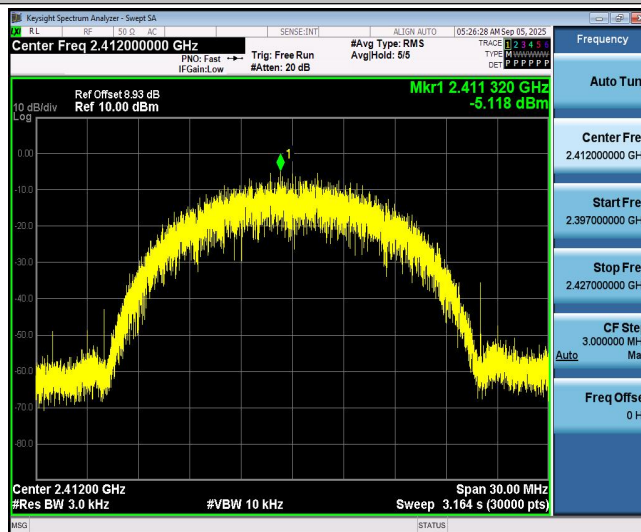
Appendix B.4: Maximum power spectral density

Test Result

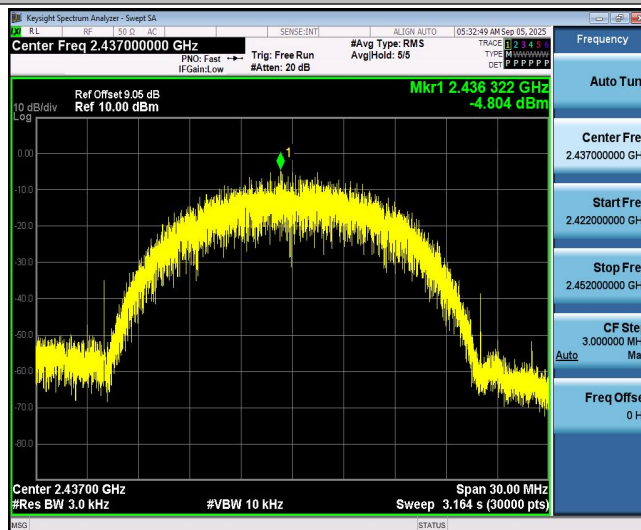
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-5.12	≤8.00	PASS
		2437	-4.80	≤8.00	PASS
		2462	-4.43	≤8.00	PASS
11G	Ant1	2412	-11.27	≤8.00	PASS
		2437	-10.28	≤8.00	PASS
		2462	-10.38	≤8.00	PASS
11N20SISO	Ant1	2412	-11.85	≤8.00	PASS
		2437	-11.16	≤8.00	PASS
		2462	-11.36	≤8.00	PASS
11AX20SISO	Ant1	2412	-12.61	≤8.00	PASS
		2437	-11.71	≤8.00	PASS
		2462	-12.19	≤8.00	PASS

Test Graphs

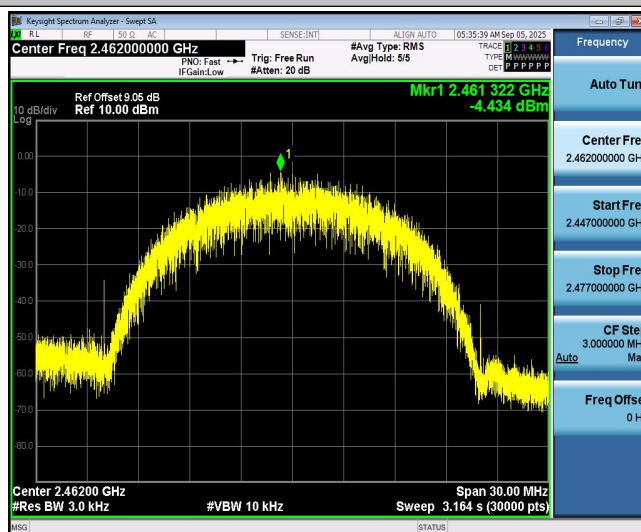
11B_Ant1_2412



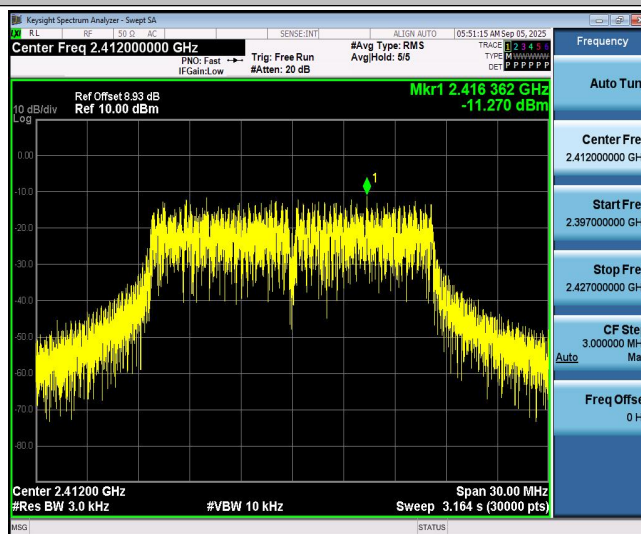
11B_Ant1_2437



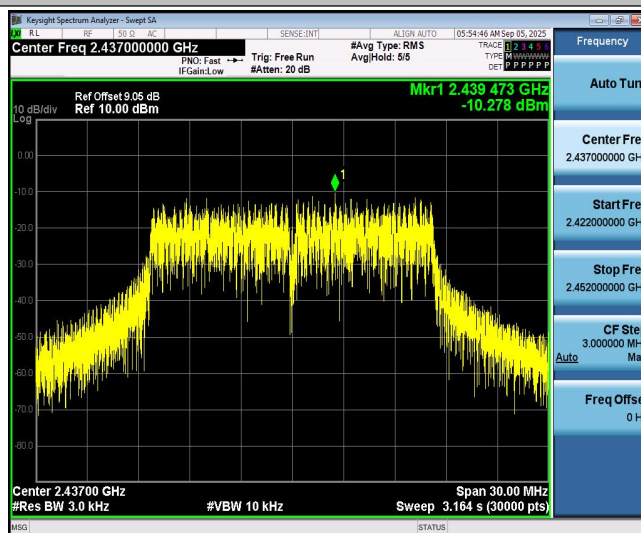
11B_Ant1_2462



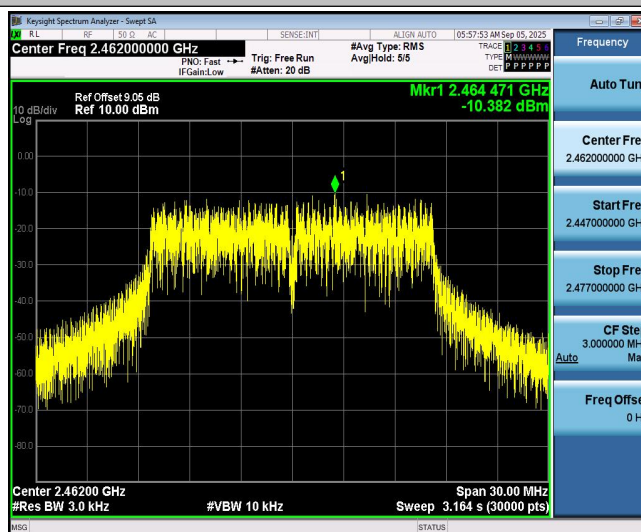
11G_Ant1_2412



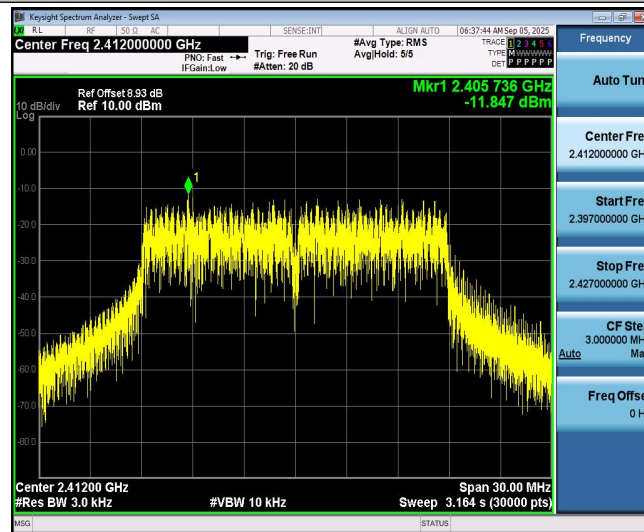
11G_Ant1_2437



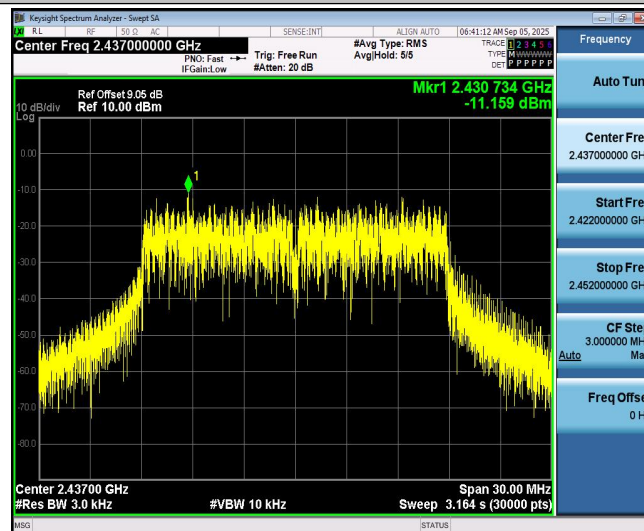
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

