

Case No. : <u>GTS20220930008-1-17</u>	
Ambient Condition: <u>26</u> °C, <u>49</u> %RH, Atmos100.1Kpa,	
Test Date: <u>2022.10.29</u>	Test Engineer: <u>Jenny zeng</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	10.000	2407.000	2417.000	0.5	PASS
		2437	9.560	2431.960	2441.520	0.5	PASS
		2462	10.080	2456.960	2467.040	0.5	PASS
11G	Ant1	2412	16.400	2403.760	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	17.080	2403.440	2420.520	0.5	PASS
		2437	17.240	2428.480	2445.720	0.5	PASS
		2462	16.600	2453.560	2470.160	0.5	PASS
11N40SISO	Ant1	2422	35.040	2404.480	2439.520	0.5	PASS
		2437	35.120	2419.400	2454.520	0.5	PASS
		2452	35.280	2434.240	2469.520	0.5	PASS

Test Graphs

11B_Ant1_2412



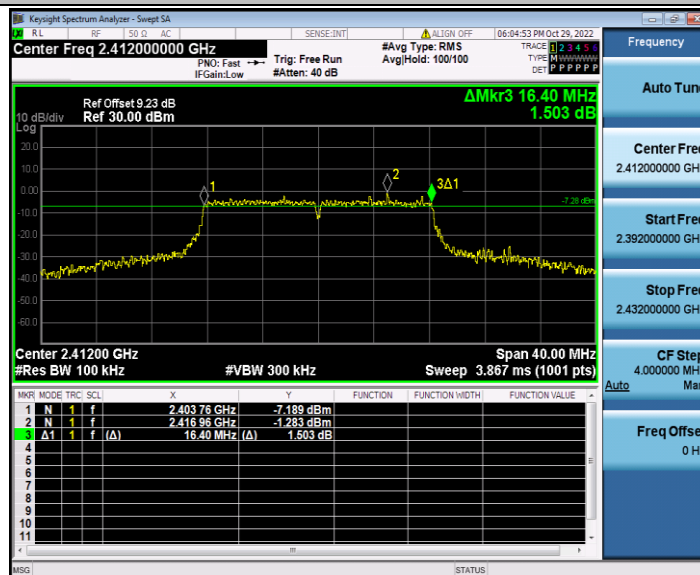
11B_Ant1_2437



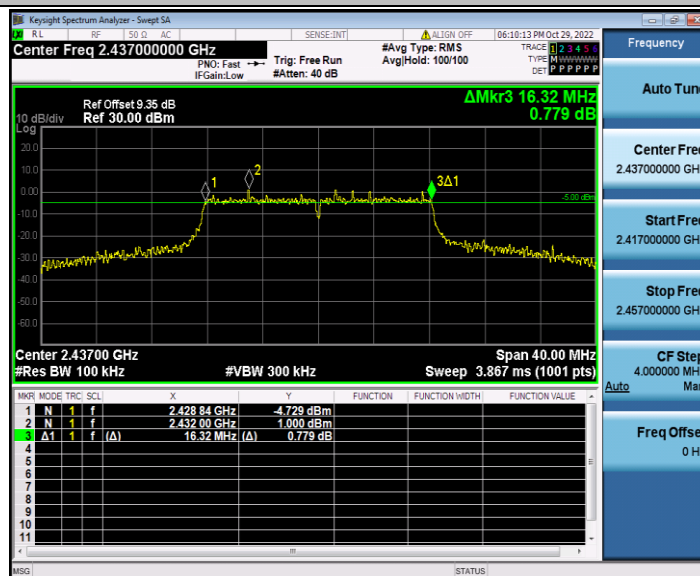
11B_Ant1_2462



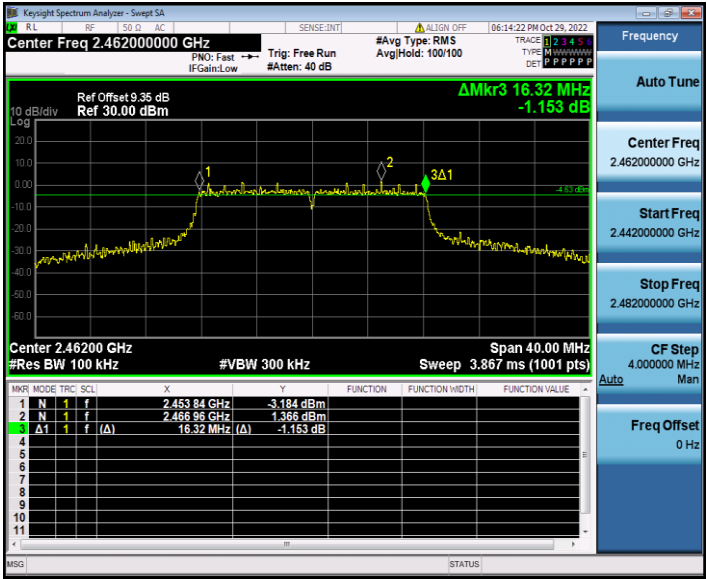
11G_Ant1_2412



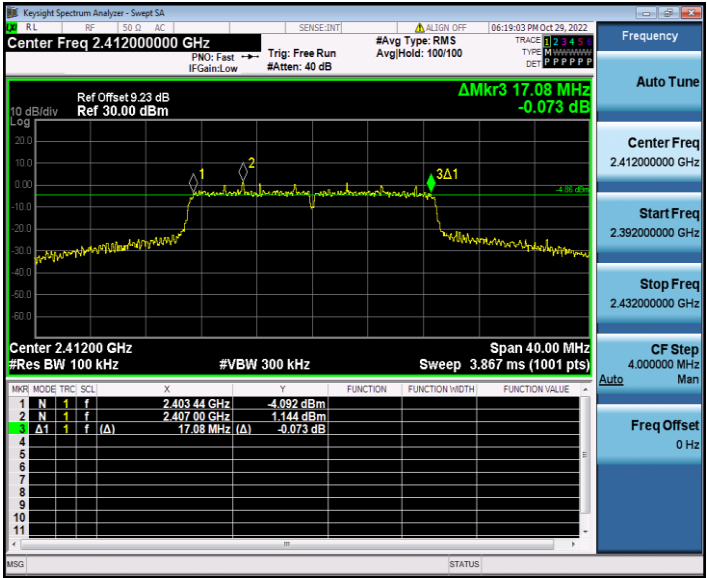
11G_Ant1_2437



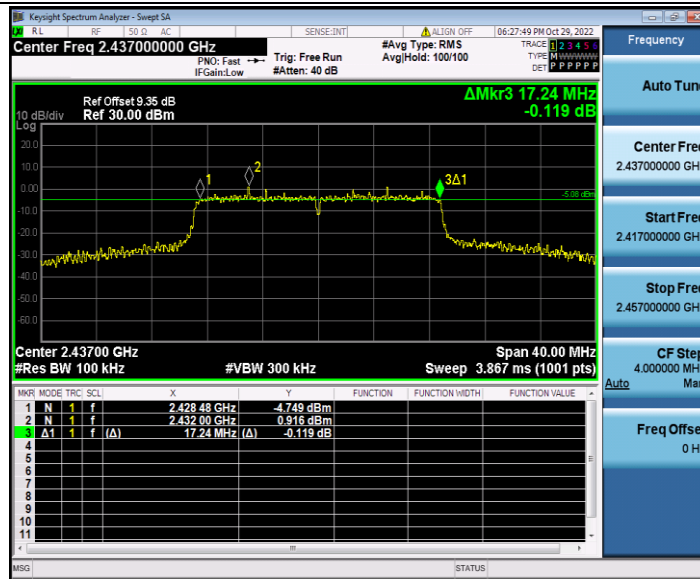
11G_Ant1_2462



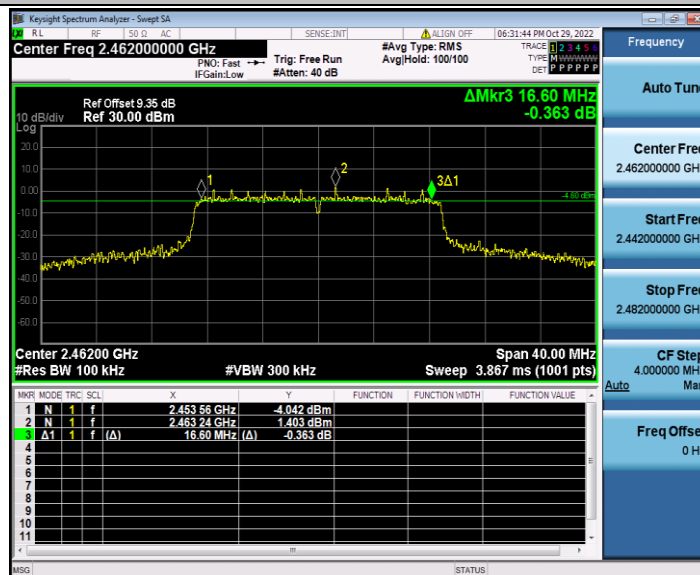
11N20SISO_Ant1_2412



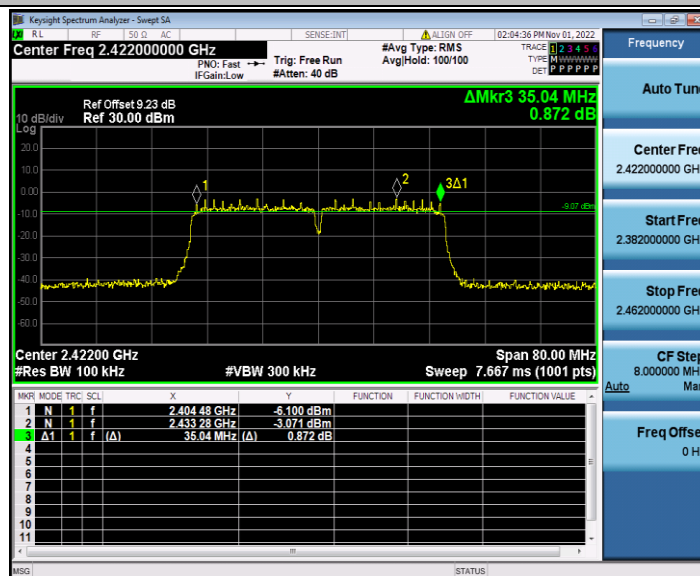
11N20SISO_Ant1_2437



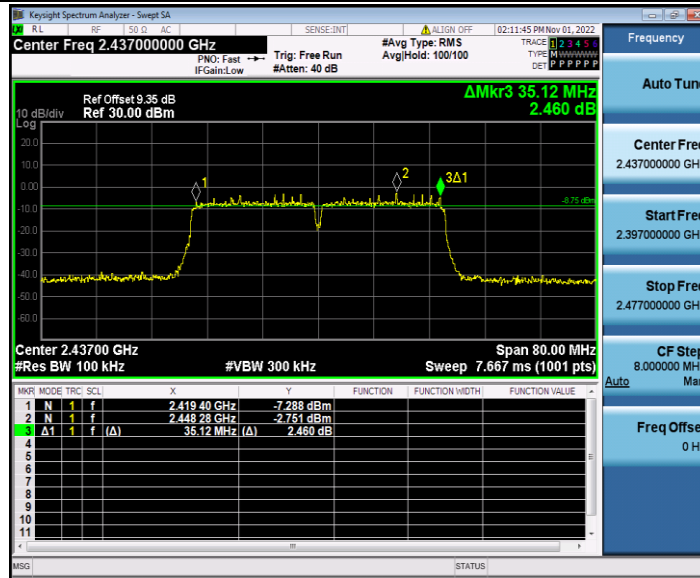
11N20SISO_Ant1_2462



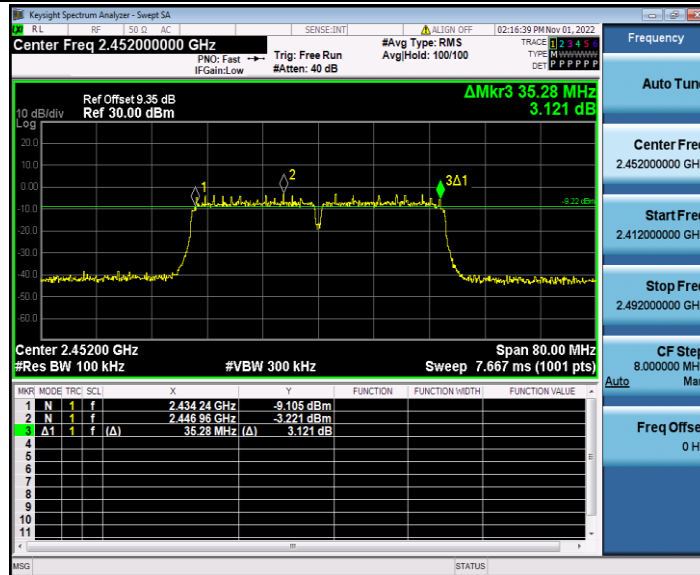
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



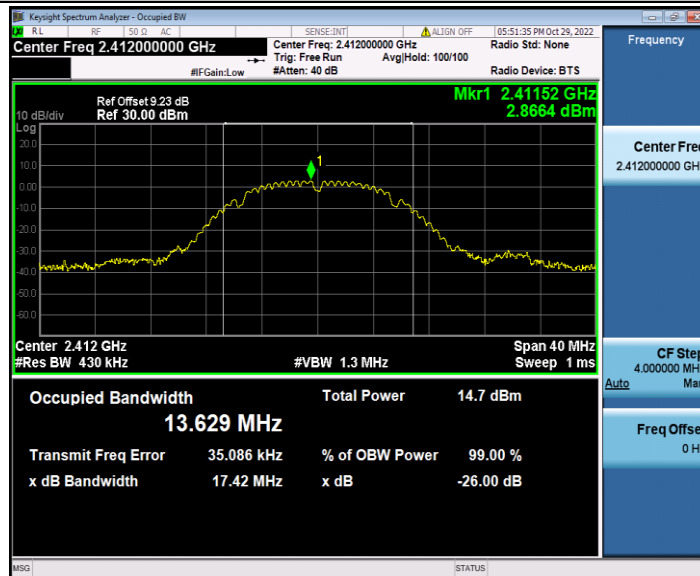
Appendix A.2: Occupied Channel Bandwidth

Test Result

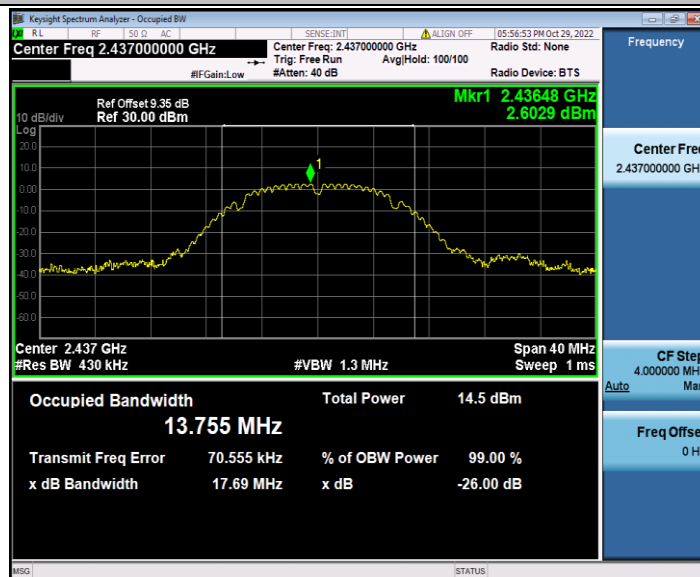
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.629	2405.221	2418.850	---	---
		2437	13.755	2430.193	2443.948	---	---
		2462	13.566	2455.233	2468.799	---	---
11G	Ant1	2412	17.038	2403.498	2420.536	---	---
		2437	17.381	2428.429	2445.810	---	---
		2462	17.122	2453.459	2470.581	---	---
11N20SISO	Ant1	2412	18.195	2402.972	2421.167	---	---
		2437	18.176	2427.988	2446.164	---	---
		2462	17.908	2453.070	2470.978	---	---
11N40SISO	Ant1	2422	35.984	2403.996	2439.980	---	---
		2437	35.970	2419.042	2455.012	---	---
		2452	35.906	2434.051	2469.957	---	---

Test Graphs

11B_Ant1_2412



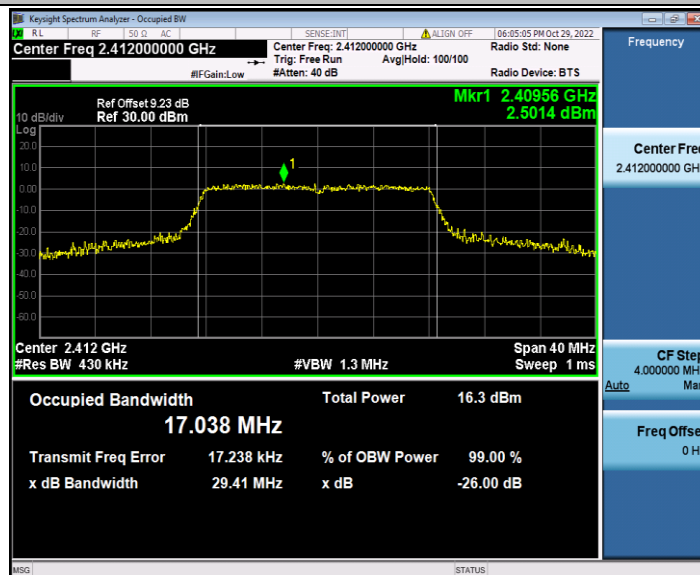
11B_Ant1_2437



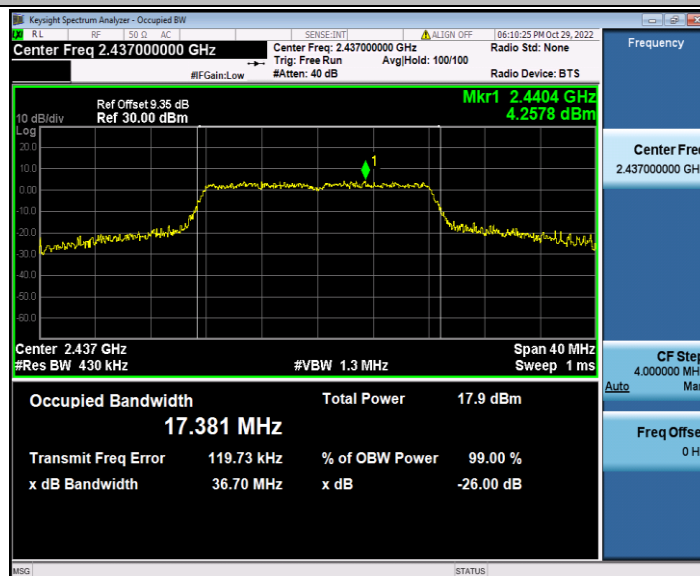
11B_Ant1_2462



11G_Ant1_2412



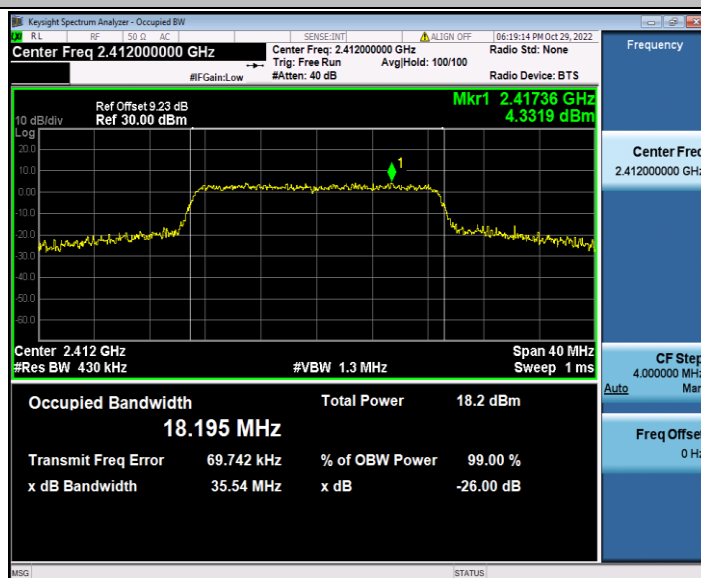
11G_Ant1_2437



11G_Ant1_2462



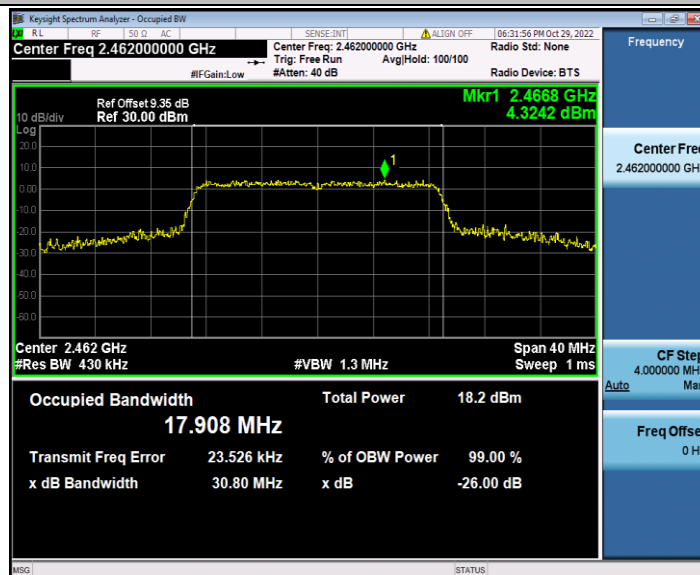
11N20SISO_Ant1_2412



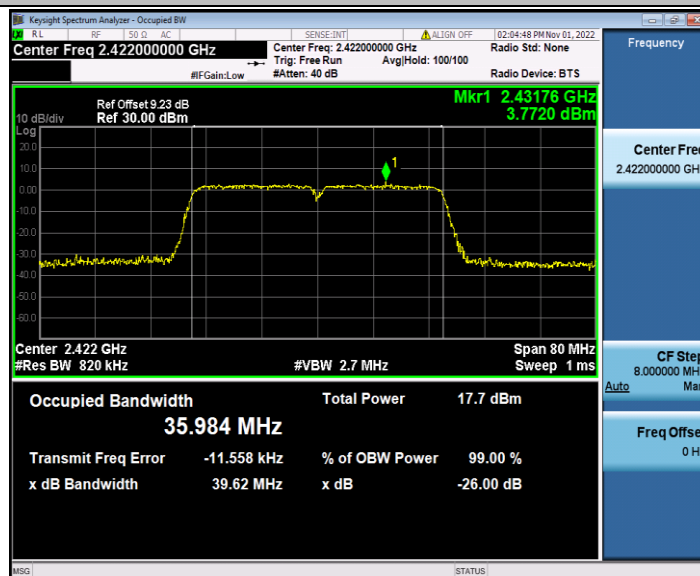
11N20SISO_Ant1_2437



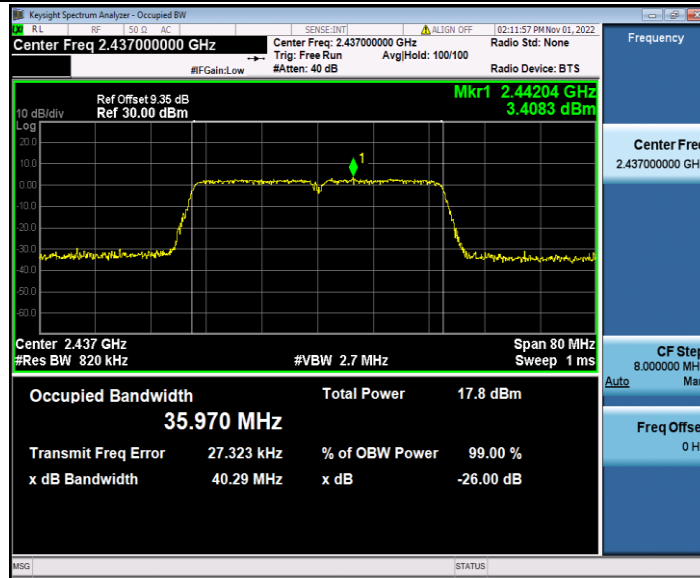
11N20SISO_Ant1_2462



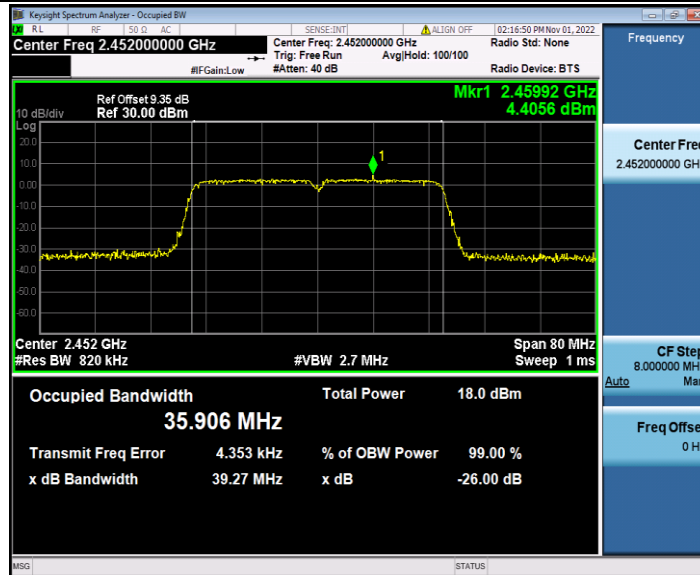
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix A.3: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	20.71	≤30.00	PASS
		2437	20.59	≤30.00	PASS
		2462	20.37	≤30.00	PASS
11G	Ant1	2412	21.57	≤30.00	PASS
		2437	21.81	≤30.00	PASS
		2462	21.36	≤30.00	PASS
11N20SISO	Ant1	2412	21.16	≤30.00	PASS
		2437	21.78	≤30.00	PASS
		2462	21.27	≤30.00	PASS
11N40SISO	Ant1	2422	21.02	≤30.00	PASS
		2437	21.18	≤30.00	PASS
		2452	21.29	≤30.00	PASS

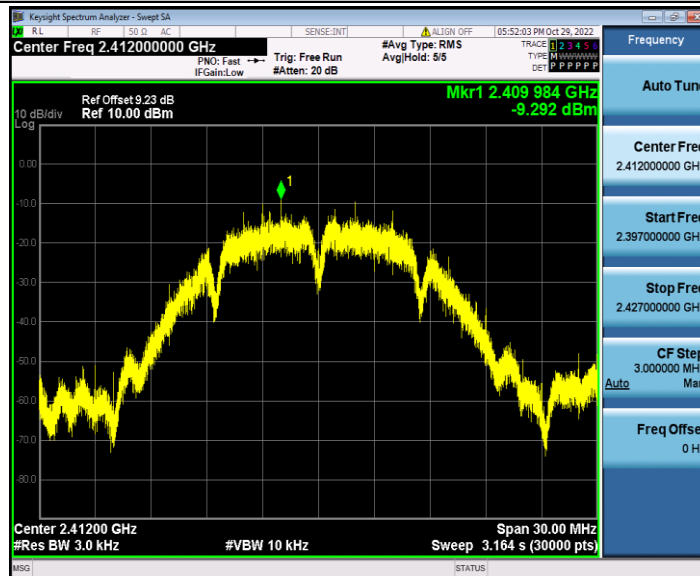
Appendix A.4: Maximum power spectral density

Test Result

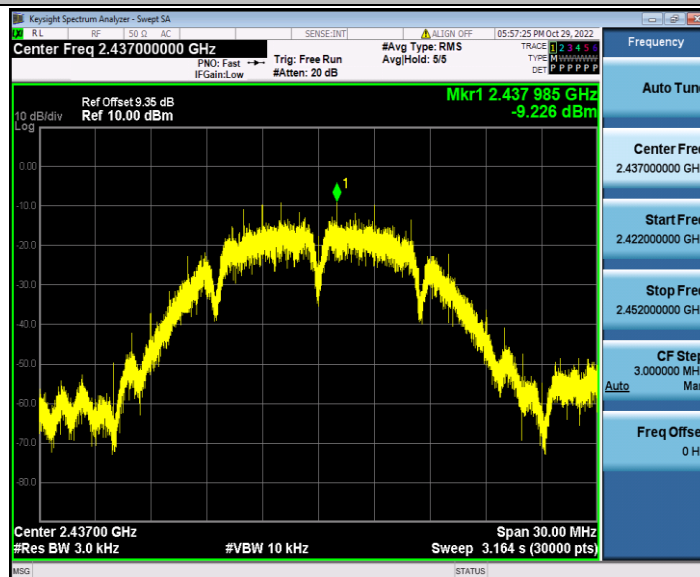
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-9.29	≤8.00	PASS
		2437	-9.23	≤8.00	PASS
		2462	-7.92	≤8.00	PASS
11G	Ant1	2412	-13.73	≤8.00	PASS
		2437	-12.72	≤8.00	PASS
		2462	-11.87	≤8.00	PASS
11N20SISO	Ant1	2412	-13.41	≤8.00	PASS
		2437	-12.58	≤8.00	PASS
		2462	-12.99	≤8.00	PASS
11N40SISO	Ant1	2422	-15.99	≤8.00	PASS
		2437	-17.48	≤8.00	PASS
		2452	-16.45	≤8.00	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462