

Case No. : <u>GTS20220929008-1-23</u>	
Ambient Condition: <u>26</u> °C, <u>48</u> %RH, Atmos100.1Kpa,	
Test Date: <u>2022.10.21</u>	Test Engineer: <u>Jenny zeng</u>

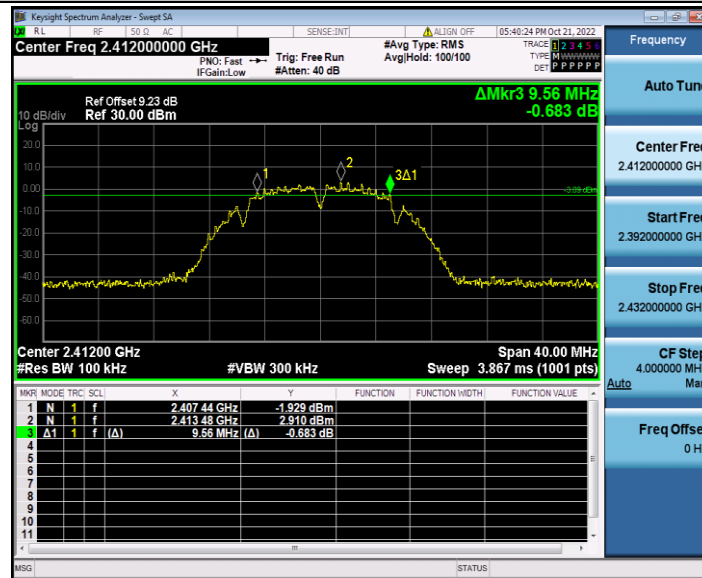
Appendix A.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.560	2407.440	2417.000	0.5	PASS
		2437	9.600	2431.960	2441.560	0.5	PASS
		2462	9.000	2457.480	2466.480	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	17.080	2403.440	2420.520	0.5	PASS
		2437	16.920	2428.480	2445.400	0.5	PASS
		2462	17.120	2453.400	2470.520	0.5	PASS
11N40SISO	Ant1	2422	35.120	2404.400	2439.520	0.5	PASS
		2437	35.120	2419.480	2454.600	0.5	PASS
		2452	35.120	2434.480	2469.600	0.5	PASS

Test Graphs

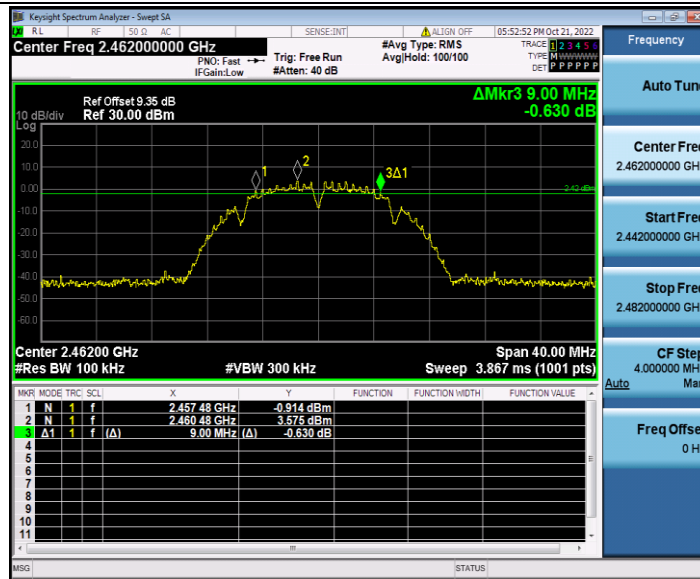
11B_Ant1_2412



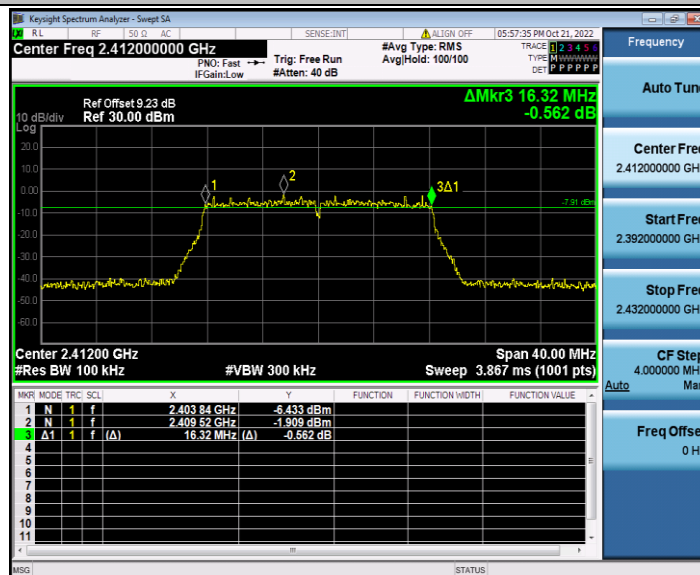
11B_Ant1_2437



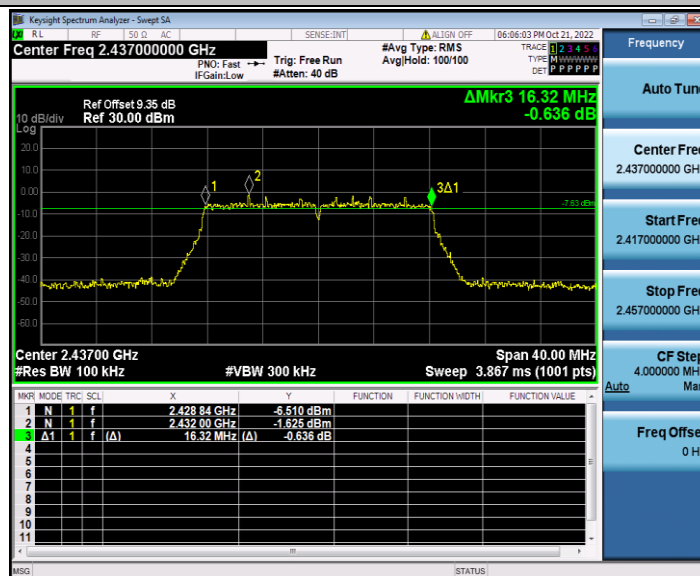
11B_Ant1_2462



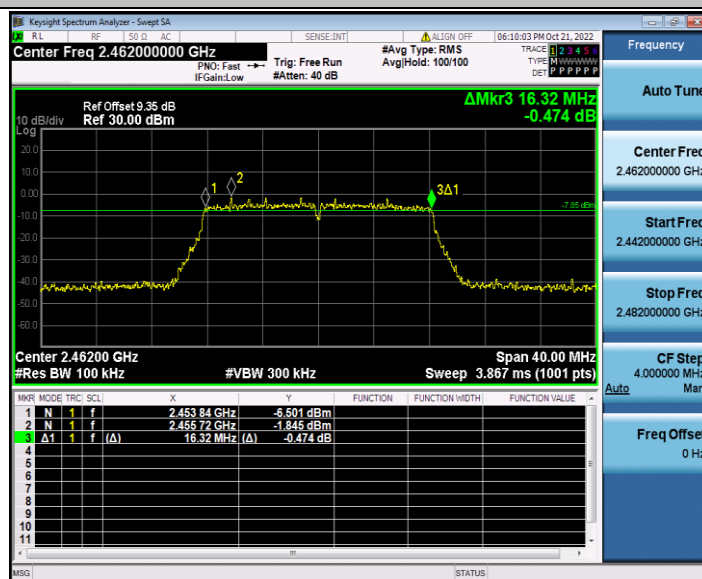
11G_Ant1_2412



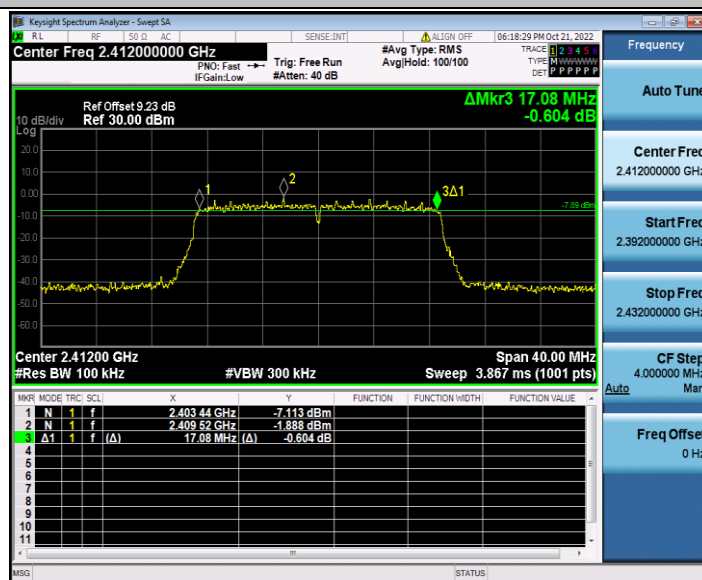
11G_Ant1_2437



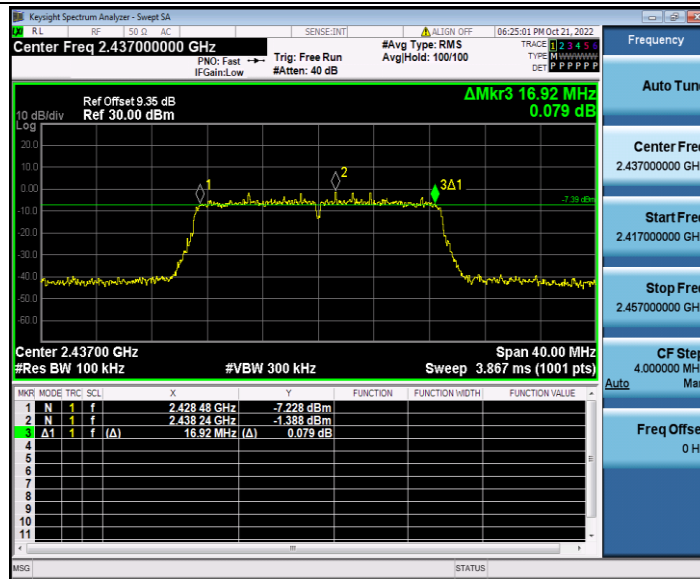
11G_Ant1_2462



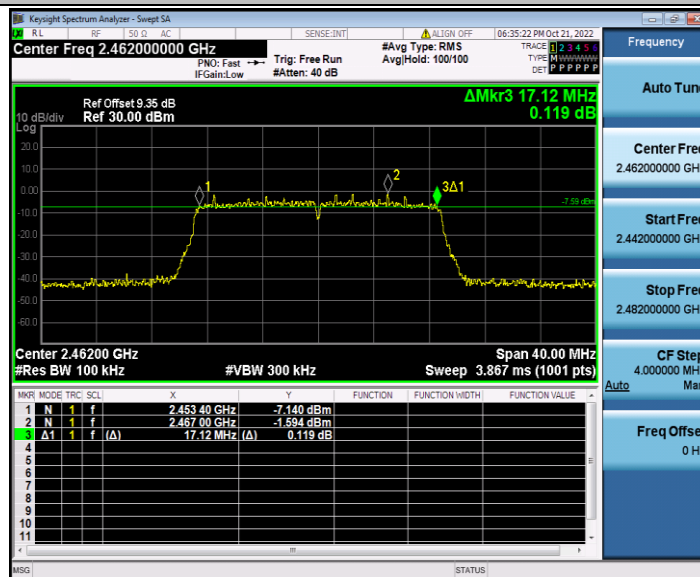
11N20SISO_Ant1_2412



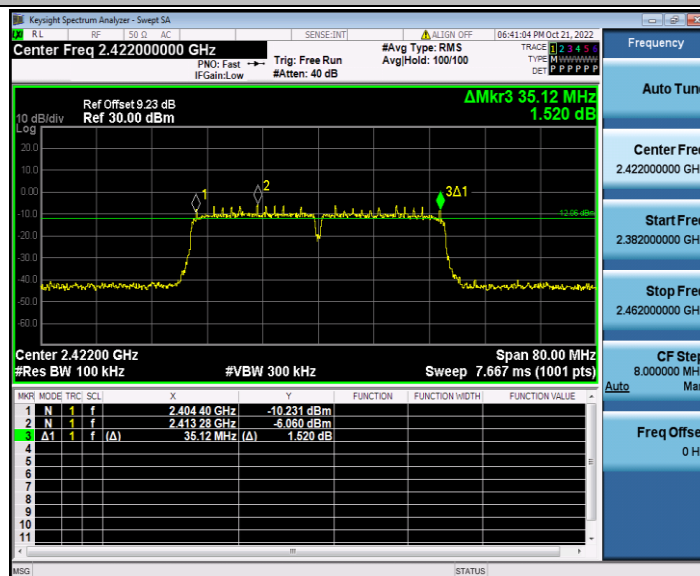
11N20SISO_Ant1_2437



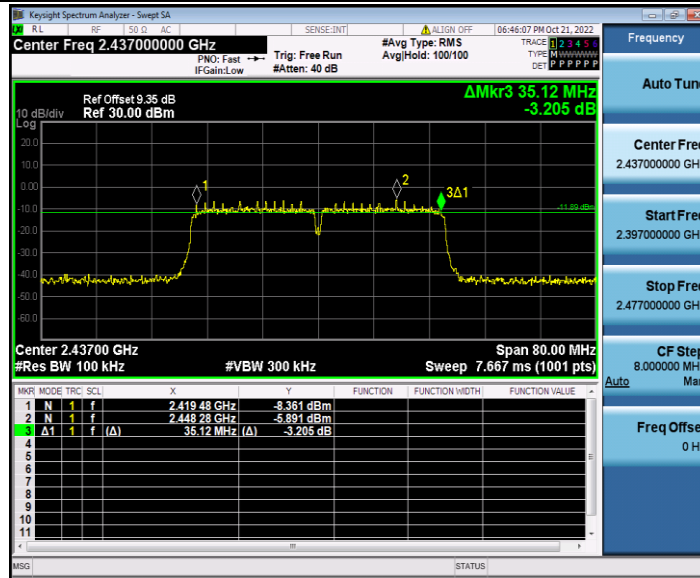
11N20SISO_Ant1_2462



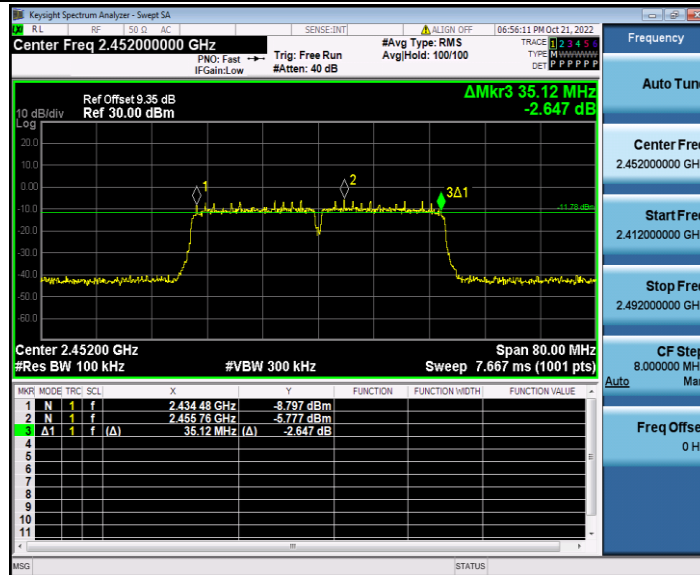
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



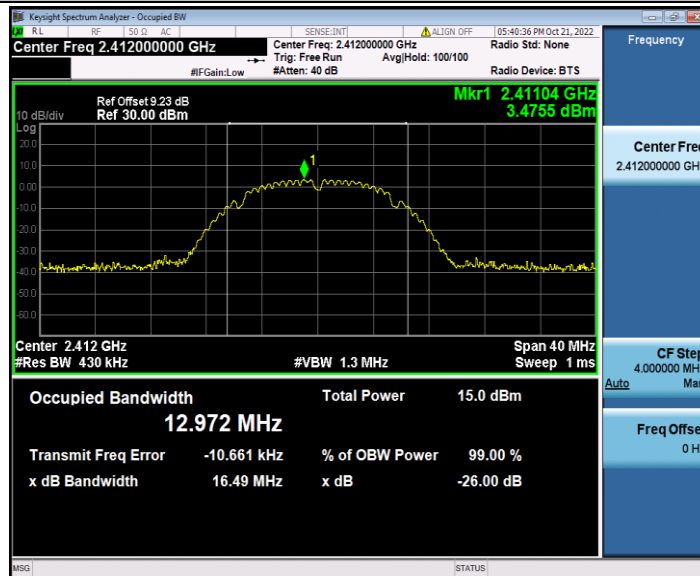
Appendix A.2: Occupied Channel Bandwidth

Test Result

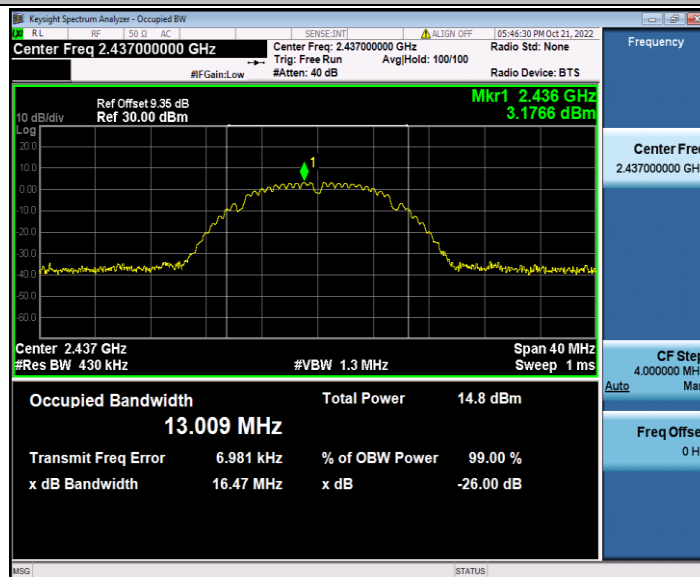
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.972	2405.503	2418.475	---	---
		2437	13.009	2430.502	2443.511	---	---
		2462	12.951	2455.514	2468.465	---	---
11G	Ant1	2412	16.832	2403.563	2420.395	---	---
		2437	16.798	2428.623	2445.421	---	---
		2462	16.724	2453.648	2470.372	---	---
11N20SISO	Ant1	2412	17.646	2403.181	2420.827	---	---
		2437	17.637	2428.181	2445.818	---	---
		2462	17.616	2453.181	2470.797	---	---
11N40SISO	Ant1	2422	35.936	2404.019	2439.955	---	---
		2437	35.968	2419.045	2455.013	---	---
		2452	35.874	2434.088	2469.962	---	---

Test Graphs

11B_Ant1_2412



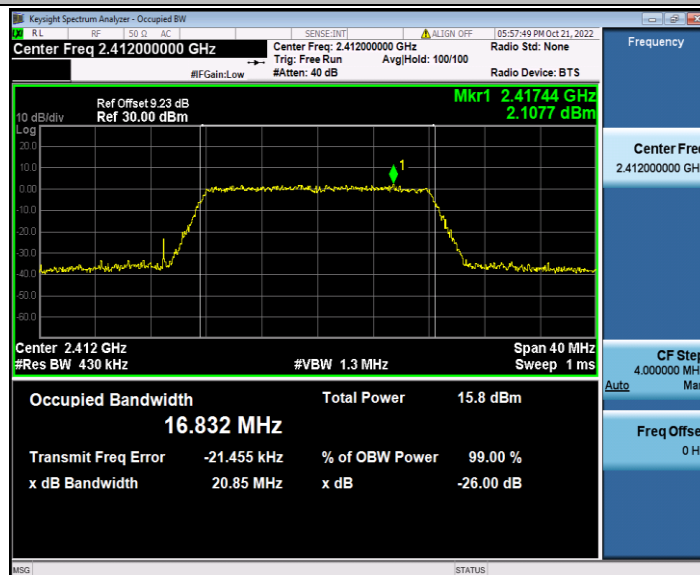
11B_Ant1_2437



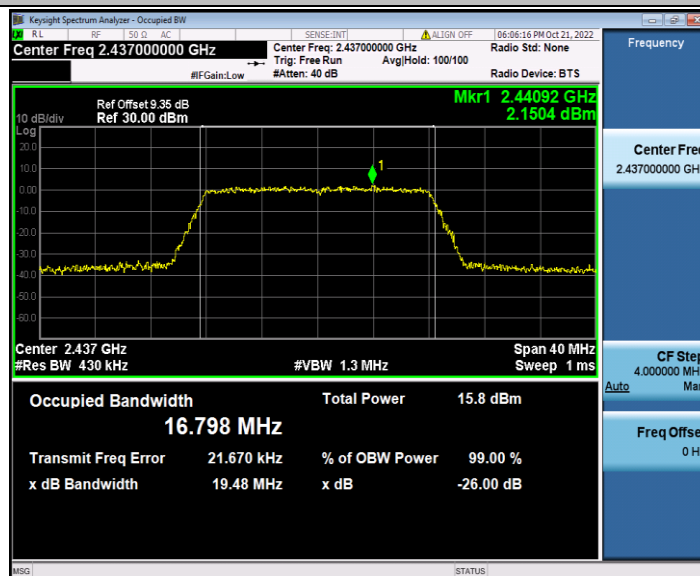
11B_Ant1_2462



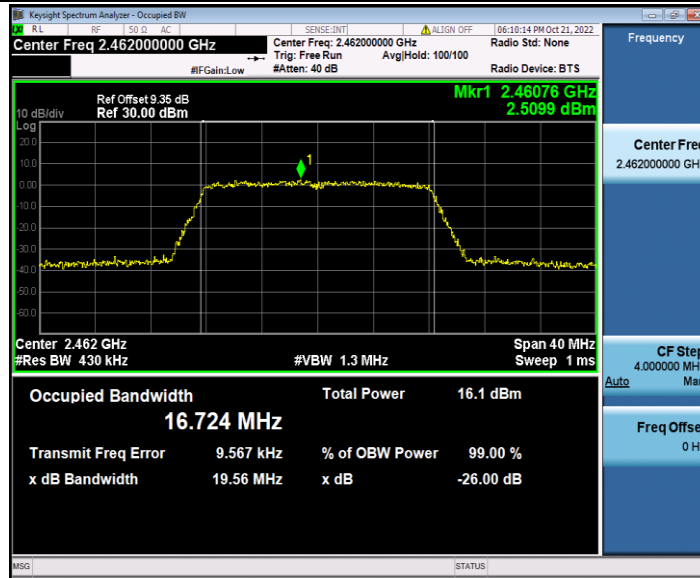
11G_Ant1_2412



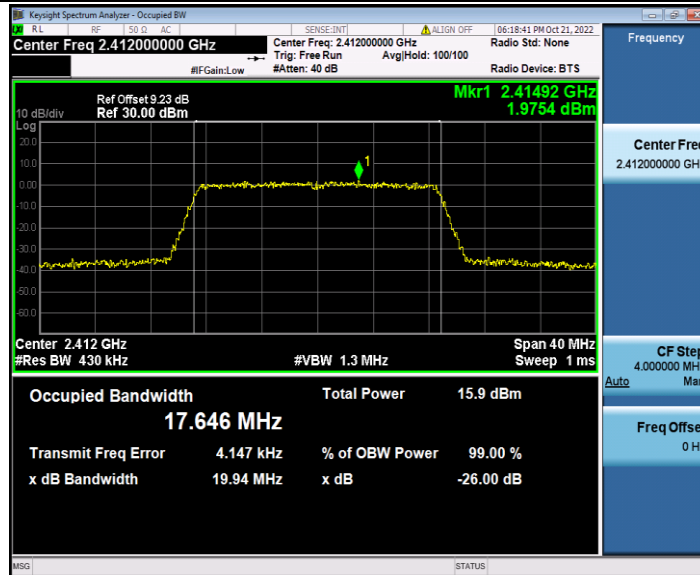
11G_Ant1_2437



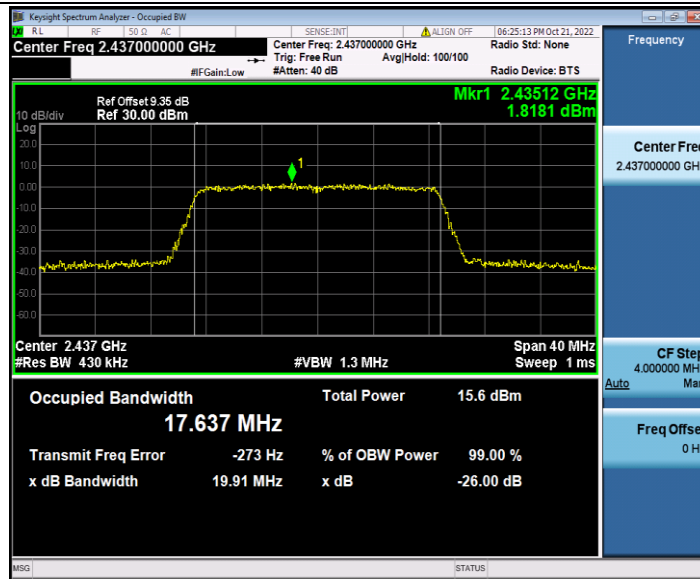
11G_Ant1_2462



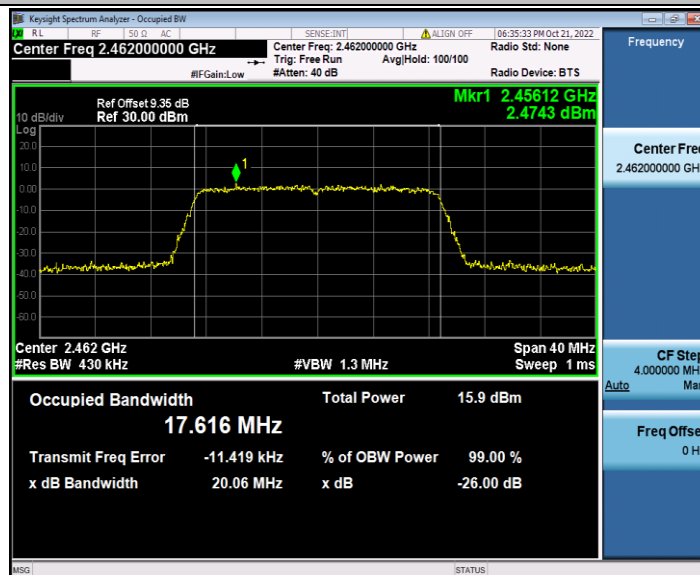
11N20SISO_Ant1_2412



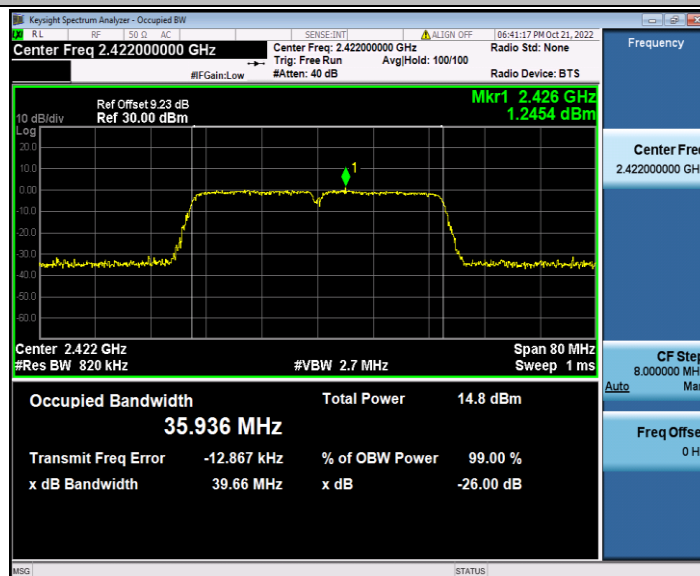
11N20SISO_Ant1_2437



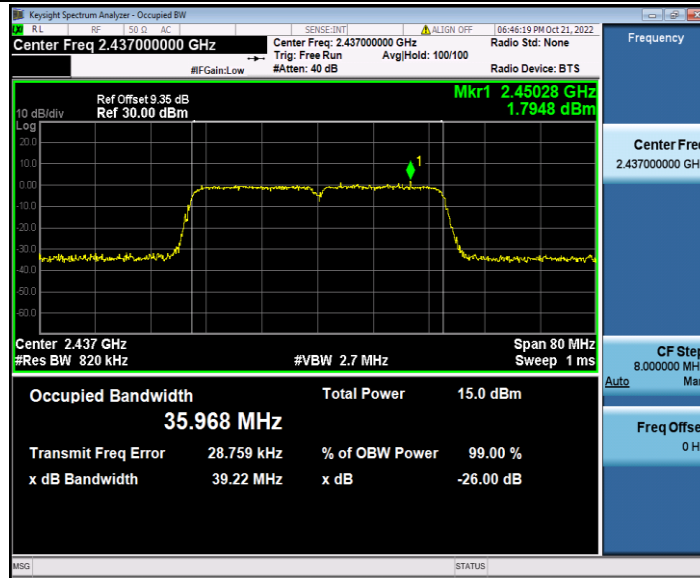
11N20SISO_Ant1_2462



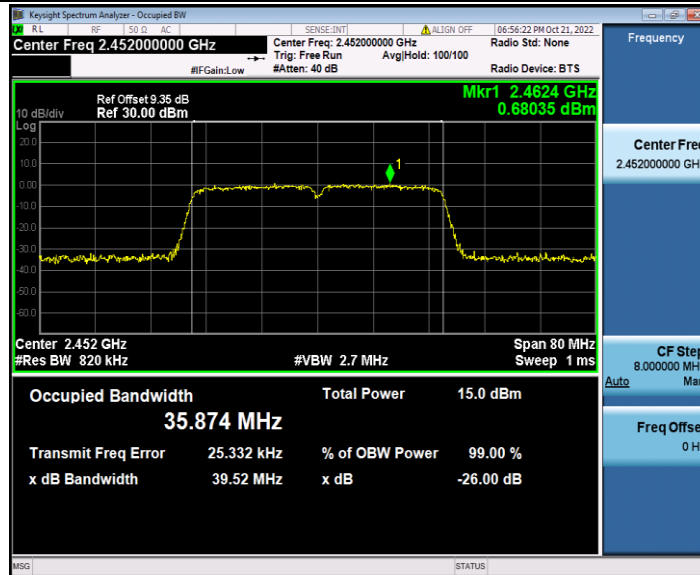
11N40SISO_Ant1_2422



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	20.07	≤30.00	PASS
		2437	20.79	≤30.00	PASS
		2462	20.42	≤30.00	PASS
11G	Ant1	2412	21.03	≤30.00	PASS
		2437	21.96	≤30.00	PASS
		2462	21.20	≤30.00	PASS
11N20SISO	Ant1	2412	21.17	≤30.00	PASS
		2437	21.86	≤30.00	PASS
		2462	21.06	≤30.00	PASS
11N40SISO	Ant1	2422	21.24	≤30.00	PASS
		2437	21.30	≤30.00	PASS
		2452	21.35	≤30.00	PASS

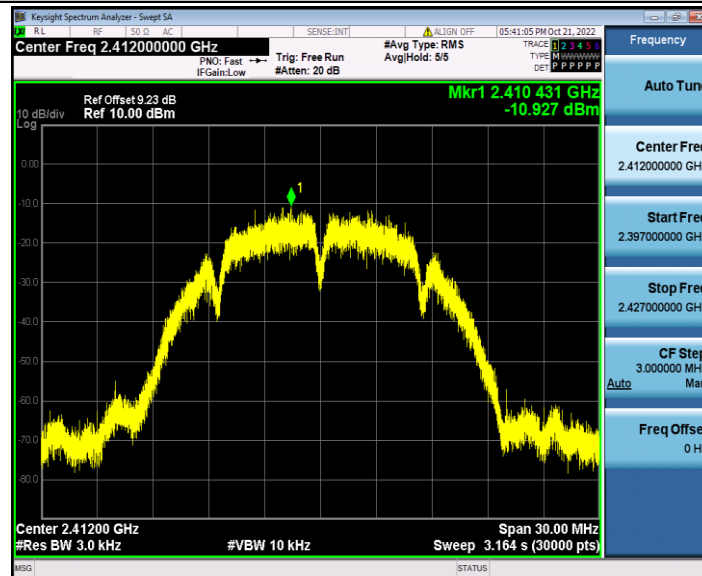
Appendix A.4: Maximum power spectral density

Test Result

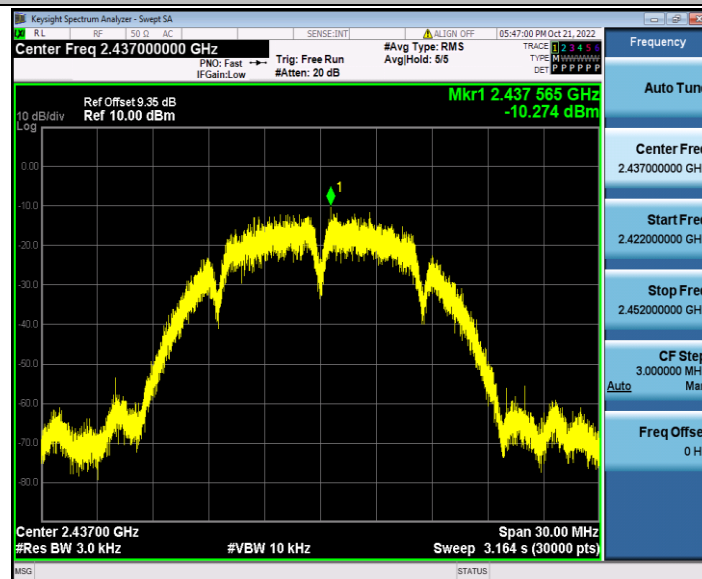
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-10.93	≤8.00	PASS
		2437	-10.27	≤8.00	PASS
		2462	-10.85	≤8.00	PASS
11G	Ant1	2412	-15.08	≤8.00	PASS
		2437	-15.96	≤8.00	PASS
		2462	-15.43	≤8.00	PASS
11N20SISO	Ant1	2412	-15.85	≤8.00	PASS
		2437	-16.23	≤8.00	PASS
		2462	-15.8	≤8.00	PASS
11N40SISO	Ant1	2422	-20.39	≤8.00	PASS
		2437	-20.45	≤8.00	PASS
		2452	-19.60	≤8.00	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462