

<b>Case No. :</b> GTS20231020001-1-79
<b>Ambient Condition:</b> 22 °C, 50 %RH,
<b>Test Date:</b> 2024.2.1 <b>Test Engineer:</b> Evan ouyang

## Appendix A.1: DTS Bandwidth

### Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.080	2408.480	2416.560	0.5	PASS
		2437	8.000	2432.520	2440.520	0.5	PASS
		2462	7.080	2458.440	2465.520	0.5	PASS
11G	Ant1	2412	16.400	2403.880	2420.280	0.5	PASS
		2437	16.440	2428.720	2445.160	0.5	PASS
		2462	12.800	2455.440	2468.240	0.5	PASS
11N20SISO	Ant1	2412	17.440	2403.480	2420.920	0.5	PASS
		2437	17.720	2428.080	2445.800	0.5	PASS
		2462	12.520	2455.120	2467.640	0.5	PASS

Test Graphs

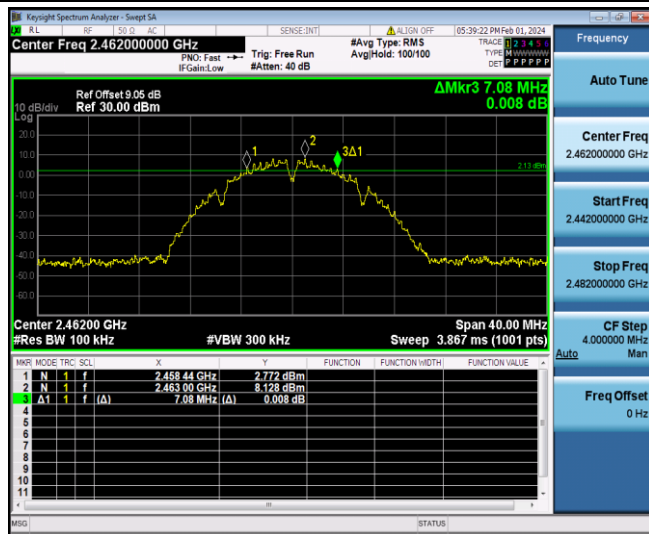
11B\_Ant1\_2412



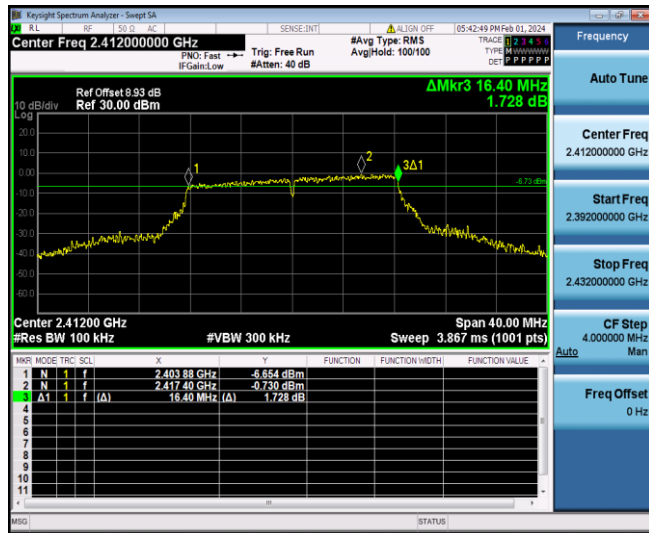
11B\_Ant1\_2437



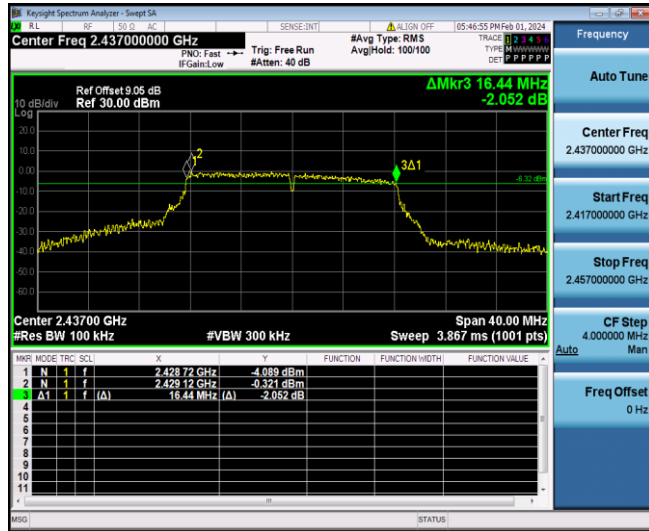
11B\_Ant1\_2462



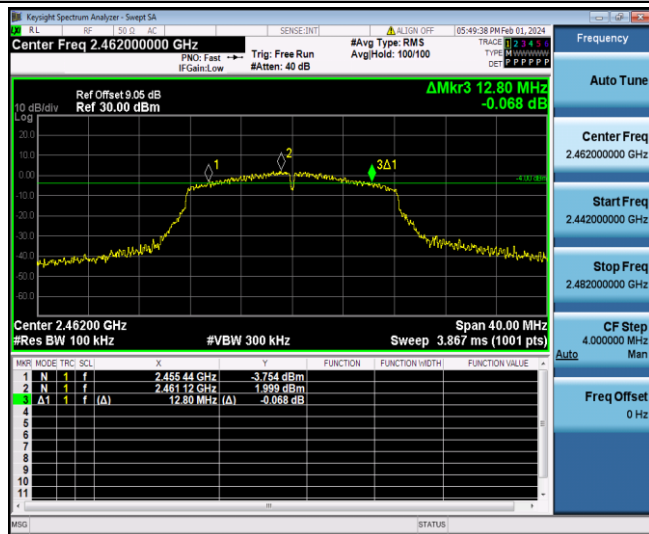
11G\_Ant1\_2412



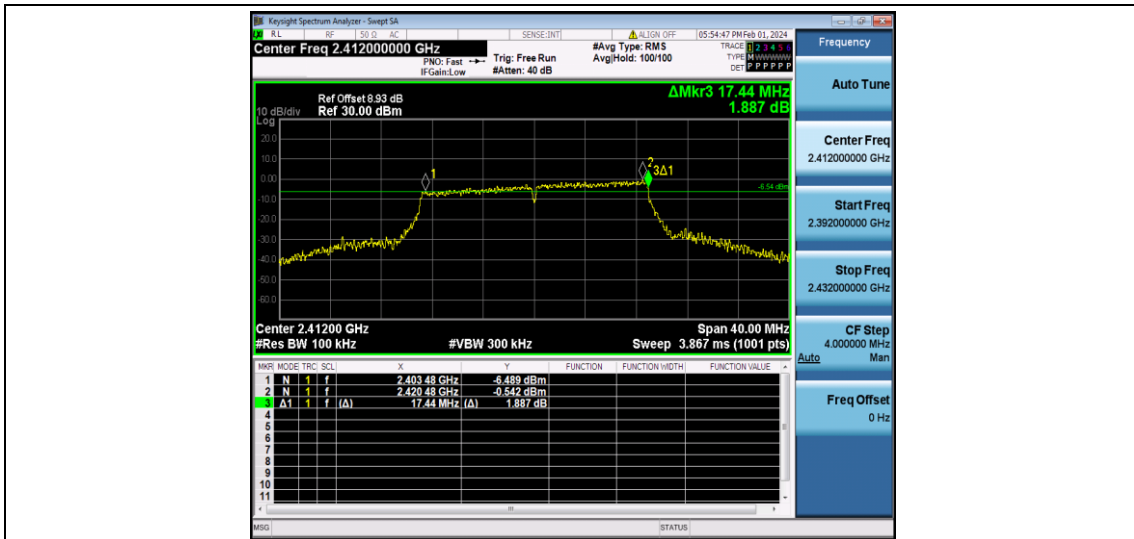
11G\_Ant1\_2437



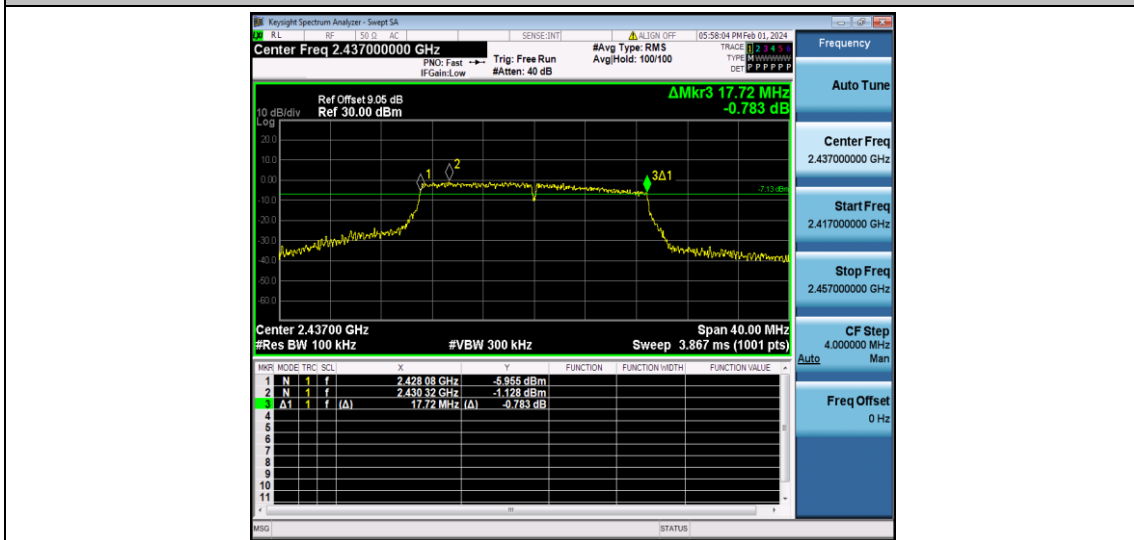
11G\_Ant1\_2462



11N20SISO\_Ant1\_2412



11N20SISO\_Ant1\_2437



11N20SISO\_Ant1\_2462



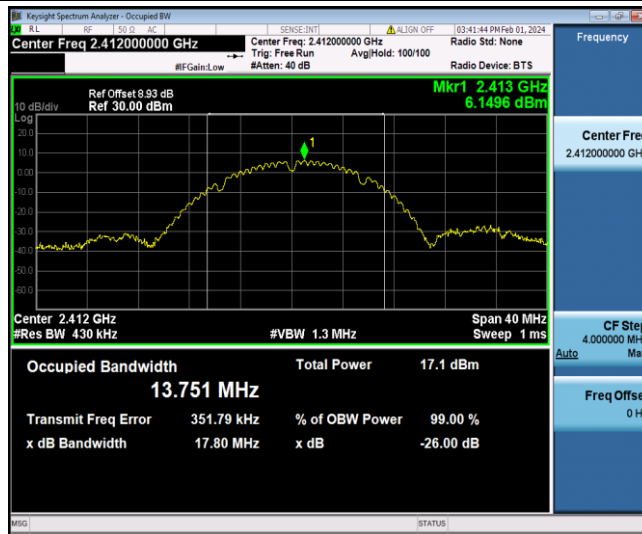
## Appendix A.2: Occupied Channel Bandwidth

### Test Result

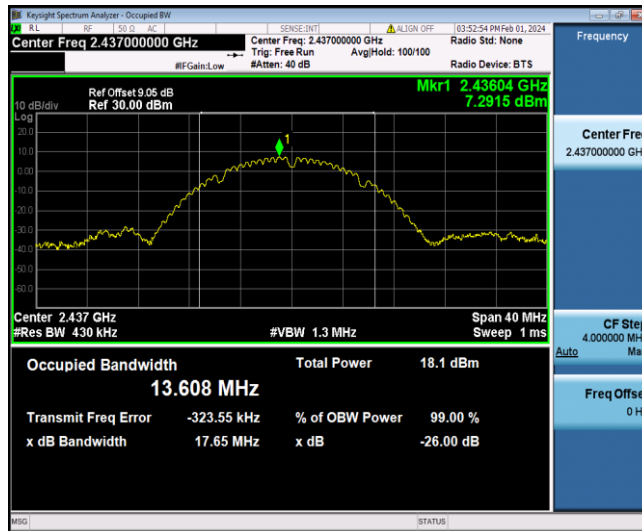
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.751	2405.4763	2419.2273	---	---
		2437	13.608	2429.8725	2443.4805	---	---
		2462	12.122	2455.9786	2468.1006	---	---
11G	Ant1	2412	17.595	2403.5419	2421.1369	---	---
		2437	17.224	2428.0891	2445.3131	---	---
		2462	16.306	2453.8422	2470.1482	---	---
11N20SISO	Ant1	2412	18.277	2403.0645	2421.3415	---	---
		2437	18.218	2427.6591	2445.8771	---	---
		2462	17.357	2453.3335	2470.6905	---	---

## Test Graphs

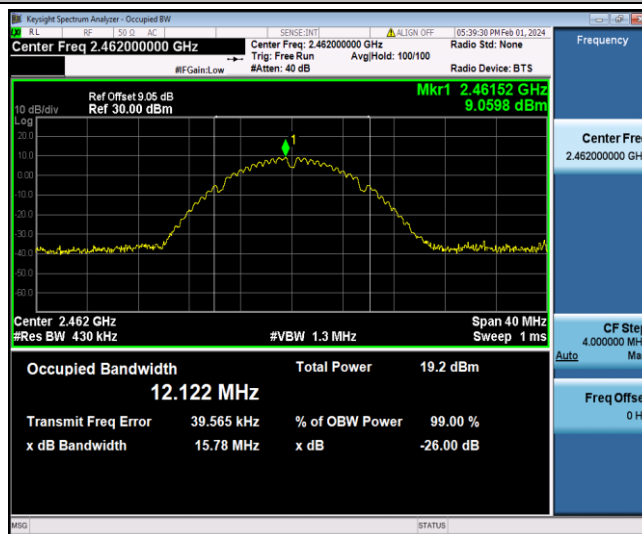
11B\_Ant1\_2412



11B\_Ant1\_2437



11B\_Ant1\_2462



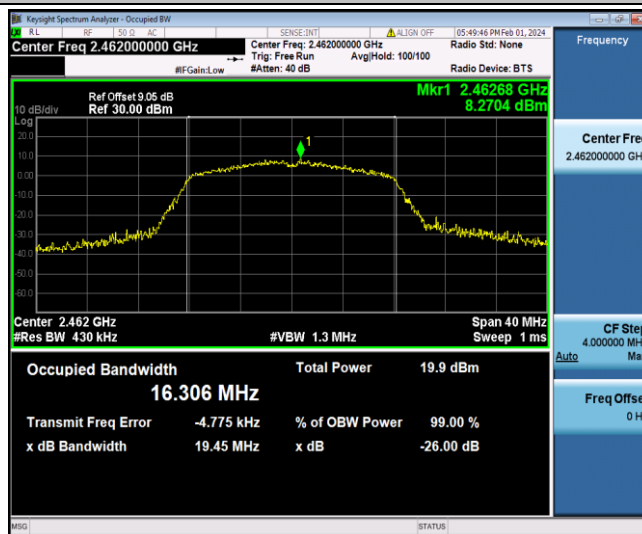
11G\_Ant1\_2412



11G\_Ant1\_2437



11G\_Ant1\_2462



11N20SISO\_Ant1\_2412



11N20SISO\_Ant1\_2437



11N20SISO\_Ant1\_2462





## Appendix A.3: Maximum conducted output power

### Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	19.10	≤30.00	PASS
		2437	19.15	≤30.00	PASS
		2462	19.20	≤30.00	PASS
11G	Ant1	2412	19.45	≤30.00	PASS
		2437	20.28	≤30.00	PASS
		2462	20.13	≤30.00	PASS
11N20 SISO	Ant1	2412	19.35	≤30.00	PASS
		2437	20.13	≤30.00	PASS
		2462	20.92	≤30.00	PASS

Note:

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

## Appendix A.4: Maximum power spectral density

### Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-7.83	≤8.00	PASS
		2437	-7.86	≤8.00	PASS
		2462	-5.97	≤8.00	PASS
11G	Ant1	2412	-11.69	≤8.00	PASS
		2437	-11.82	≤8.00	PASS
		2462	-8.99	≤8.00	PASS
11N20SISO	Ant1	2412	-11.64	≤8.00	PASS
		2437	-11.83	≤8.00	PASS
		2462	-9.38	≤8.00	PASS

Note:

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

Test Graphs

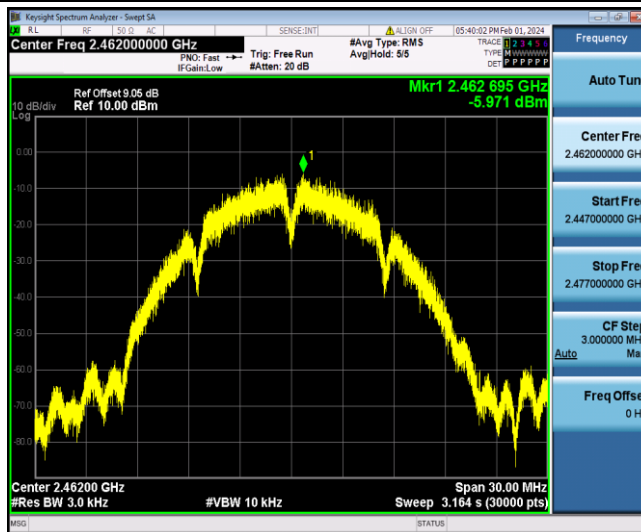
11B\_Ant1\_2412



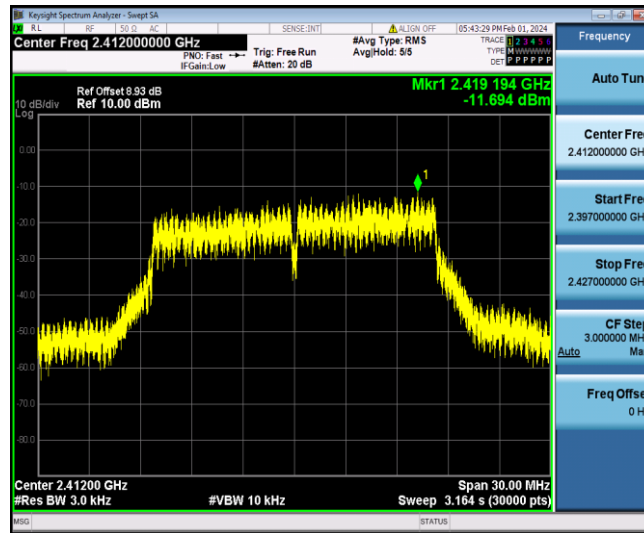
11B\_Ant1\_2437



11B\_Ant1\_2462



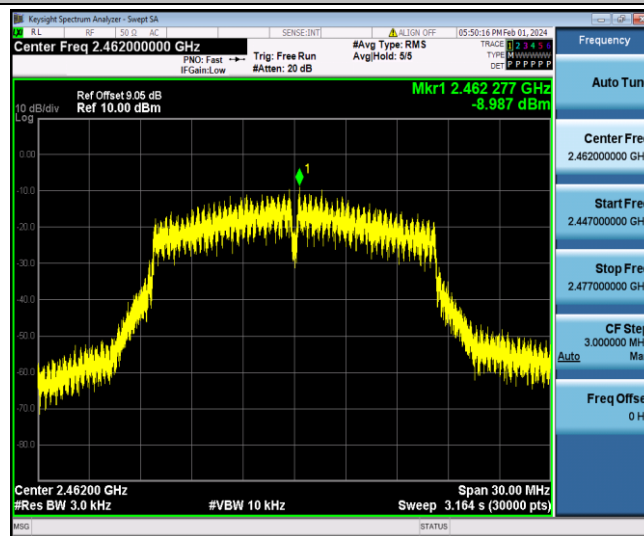
11G\_Ant1\_2412



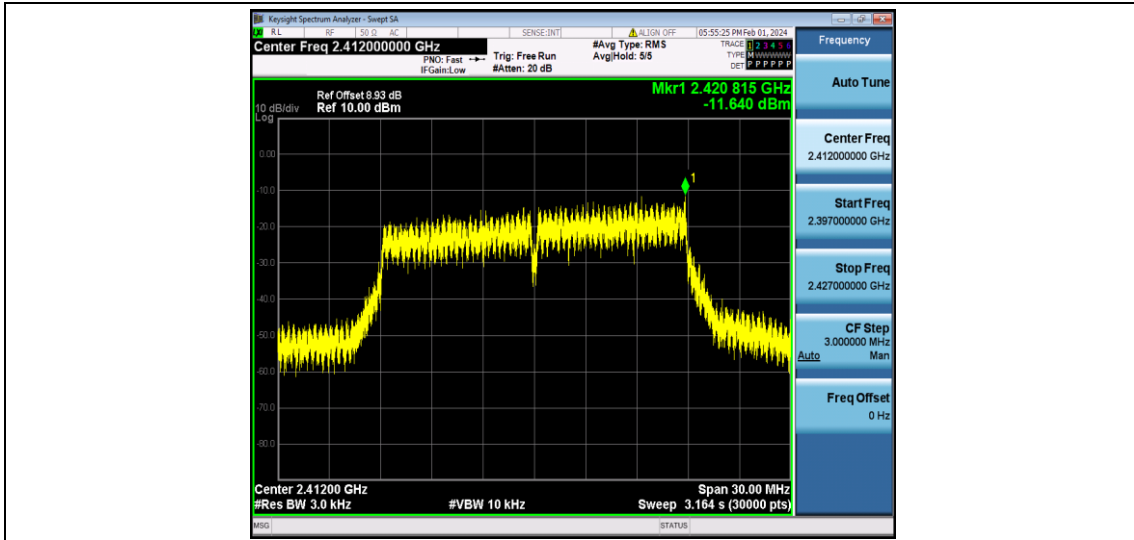
11G\_Ant1\_2437



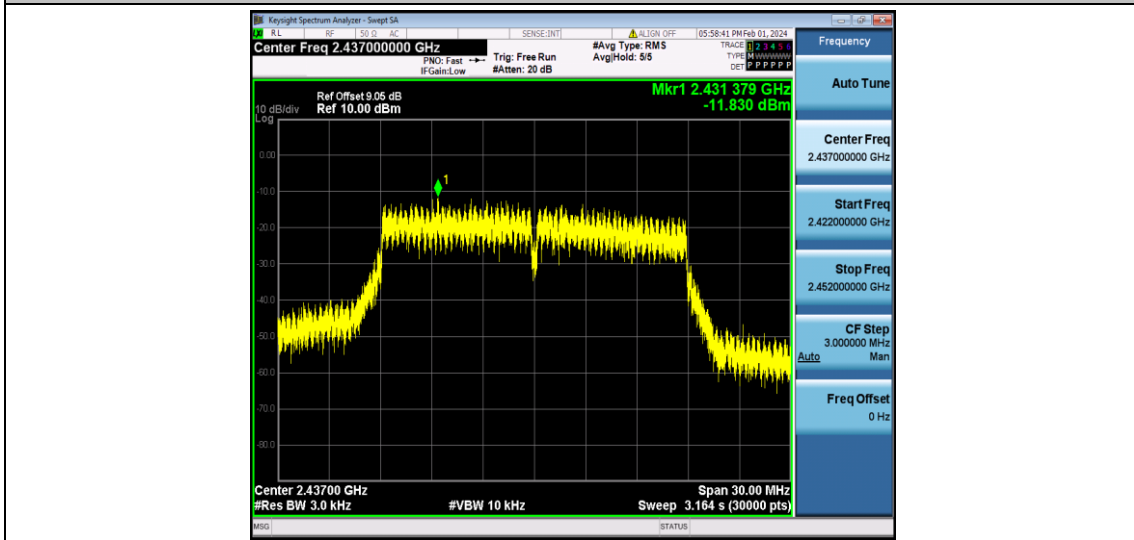
11G\_Ant1\_2462



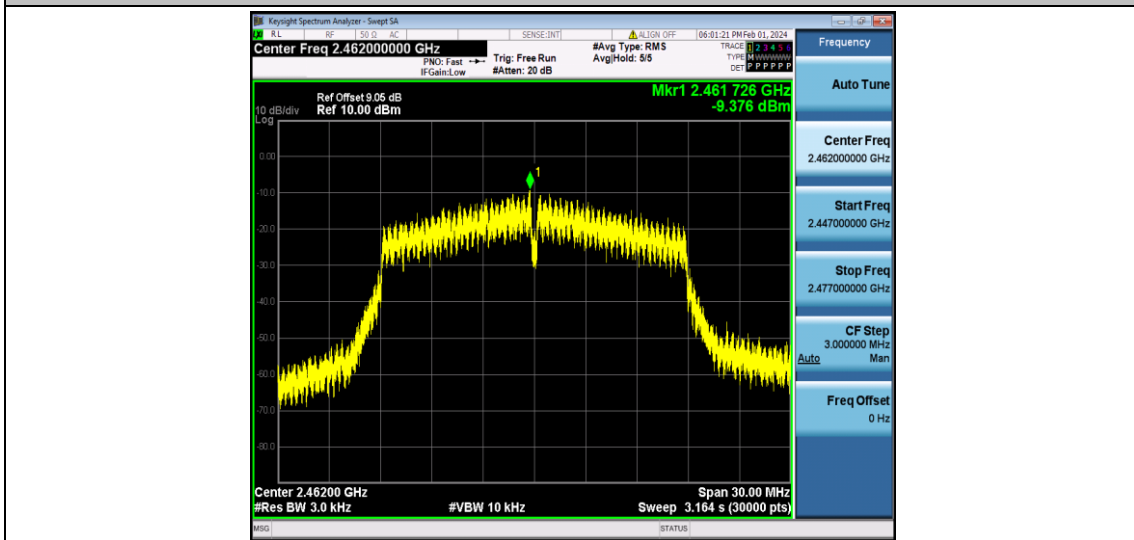
11N20SISO\_Ant1\_2412



11N20SISO\_Ant1\_2437



11N20SISO\_Ant1\_2462



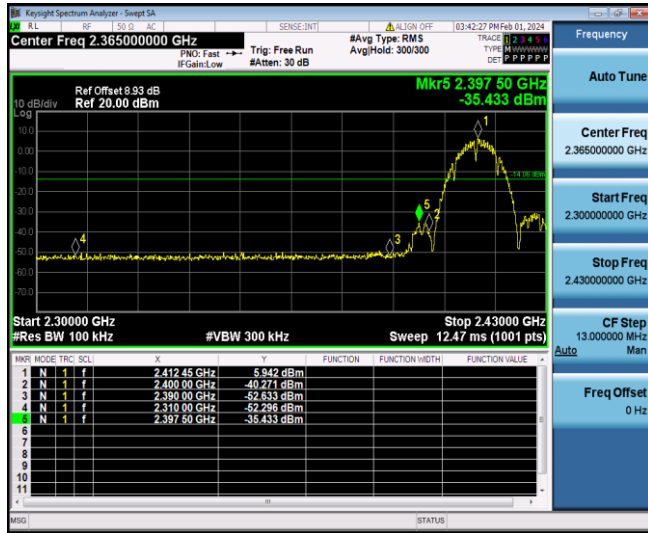
## Appendix A.5: Band edge measurements

### Test Result

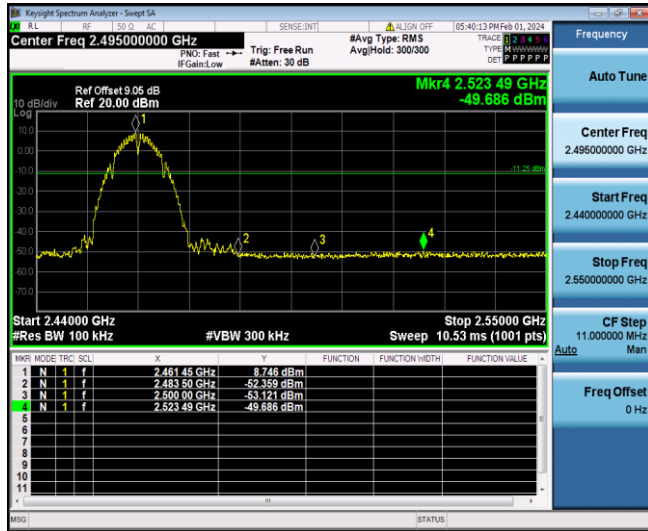
TestMode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	5.94	-35.43	$\leq -14.06$	PASS
		High	2462	8.75	-49.69	$\leq -11.25$	PASS
11G	Ant1	Low	2412	-0.42	-28	$\leq -20.42$	PASS
		High	2462	2.15	-44.53	$\leq -17.85$	PASS
11N20 SISO	Ant1	Low	2412	-0.41	-28.07	$\leq -20.41$	PASS
		High	2462	1.86	-45.18	$\leq -18.14$	PASS

Test Graphs

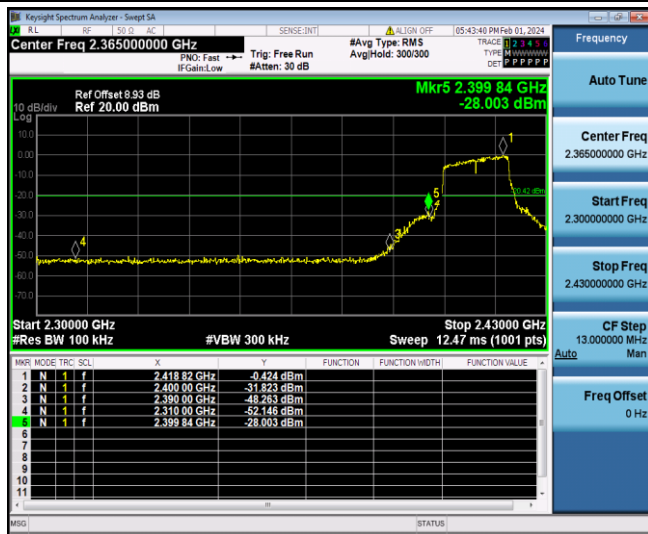
11B\_Ant1\_Low\_2412



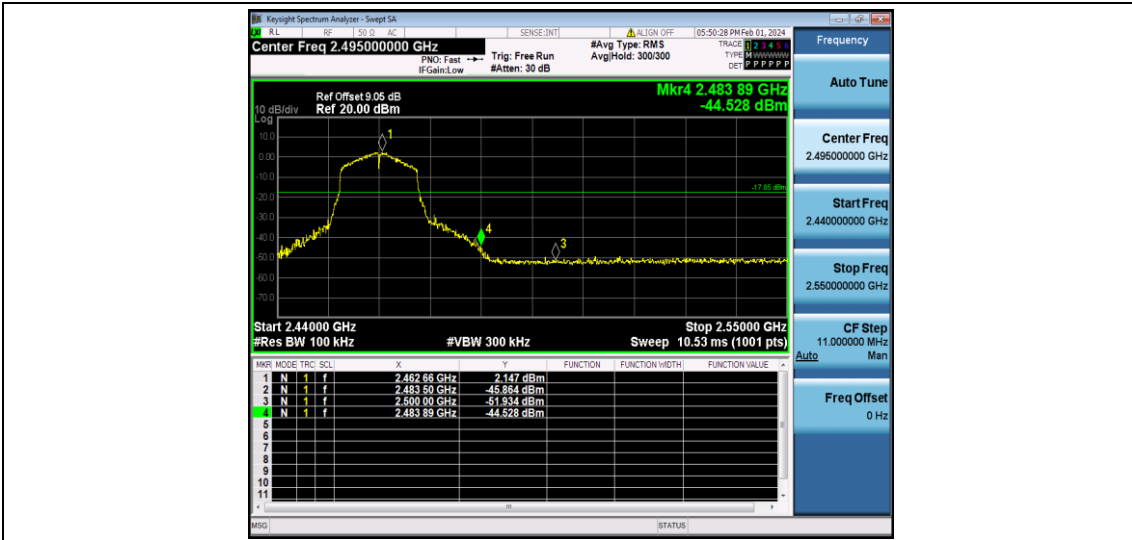
11B\_Ant1\_High\_2462



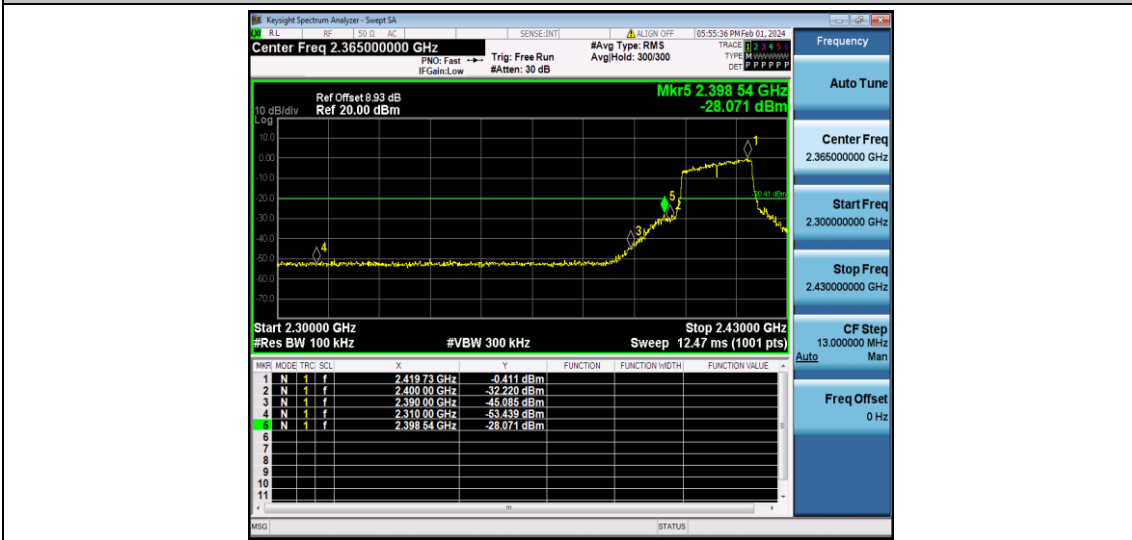
11G\_Ant1\_Low\_2412



11G\_Ant1\_High\_2462



11N20SISO\_Ant1\_Low\_2412



11N20SISO\_Ant1\_High\_2462

