

<b>Case No. :</b> <u>GTS20220704007-1-15</u>
<b>Ambient Condition:</b> <u>25</u> °C, <u>45</u> %RH,
<b>Test Date:</b> <u>2022.7.8</u> <b>Test Engineer:</b> <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	9.600	2407.440	2417.040	0.5	PASS
		2437	9.120	2432.440	2441.560	0.5	PASS
		2462	9.560	2457.000	2466.560	0.5	PASS
11G	Ant1	2412	16.320	2403.840	2420.160	0.5	PASS
		2437	16.360	2428.840	2445.200	0.5	PASS
		2462	16.840	2453.560	2470.400	0.5	PASS
11N20SISO	Ant1	2412	17.040	2403.480	2420.520	0.5	PASS
		2437	16.920	2428.480	2445.400	0.5	PASS
		2462	16.480	2453.640	2470.120	0.5	PASS
11N40SISO	Ant1	2422	35.280	2404.480	2439.760	0.5	PASS
		2437	35.120	2419.400	2454.520	0.5	PASS
		2452	35.040	2434.480	2469.520	0.5	PASS

# Test Graphs

11B\_Ant1\_2412



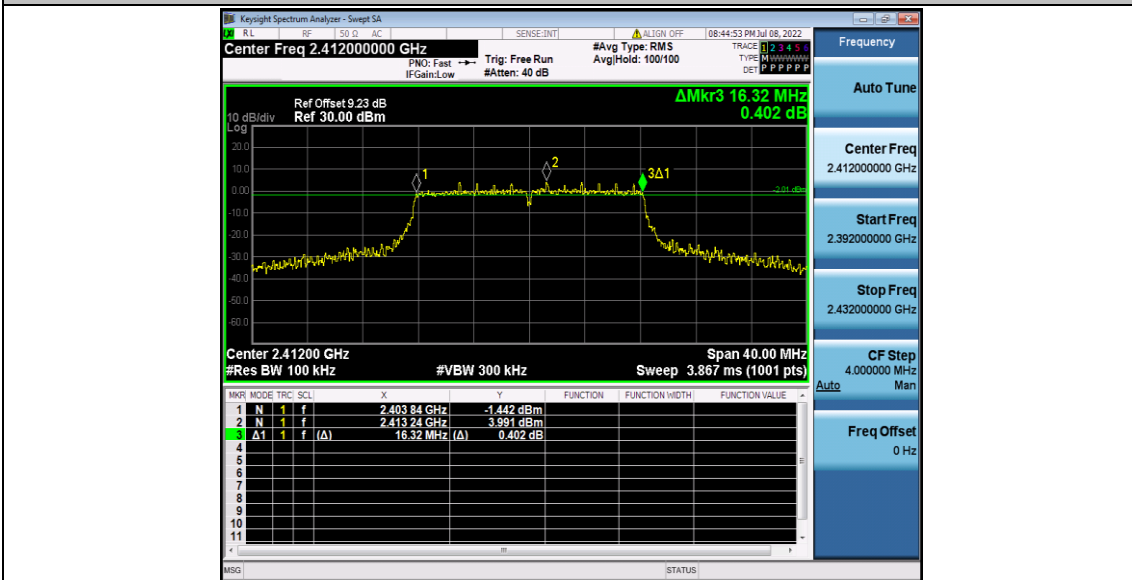
11B\_Ant1\_2437



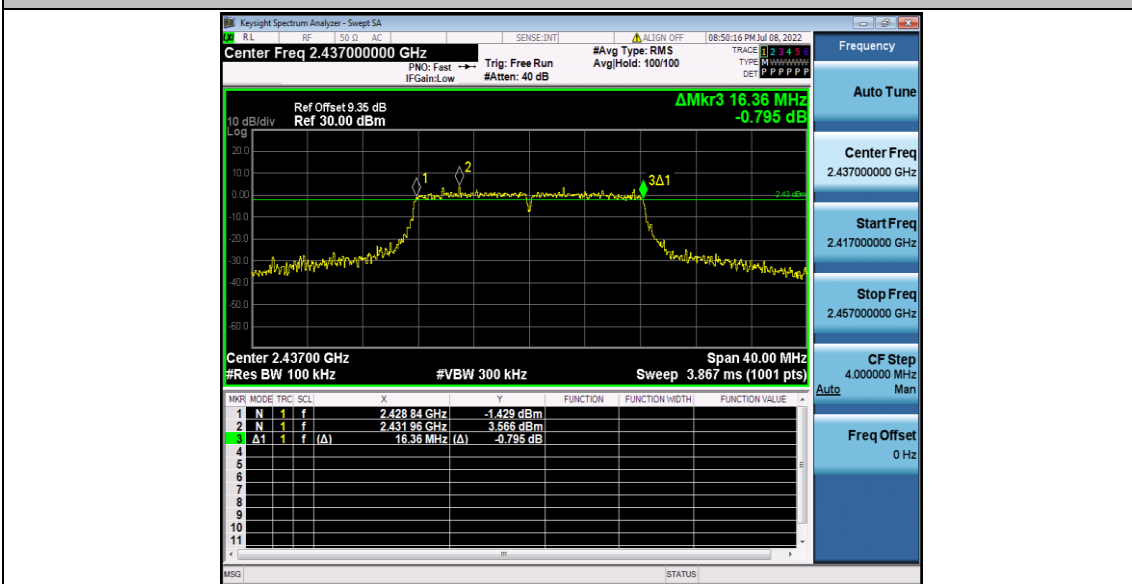
11B\_Ant1\_2462



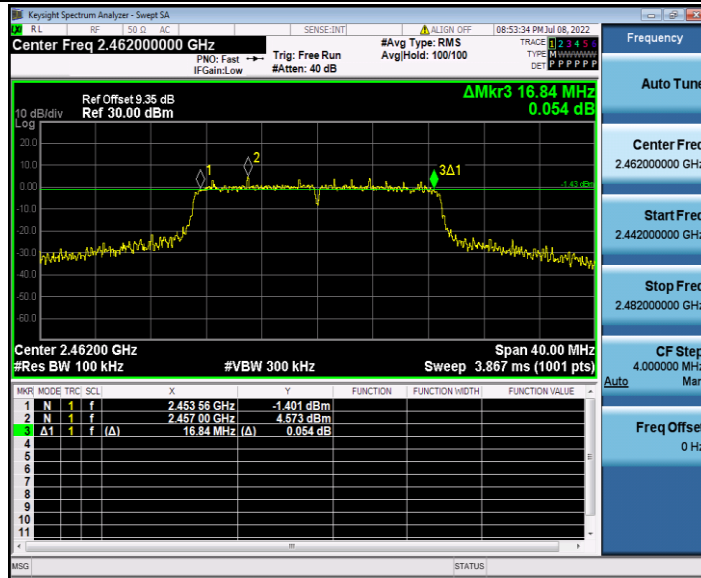
11G\_Ant1\_2412



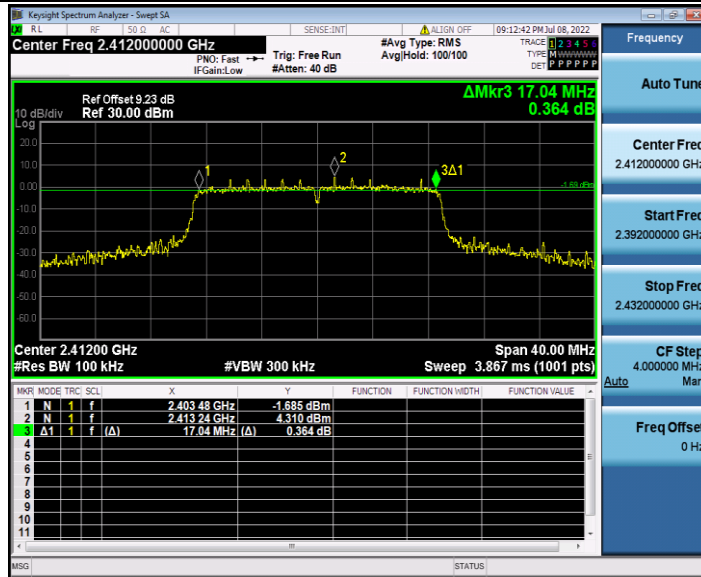
11G\_Ant1\_2437



11G\_Ant1\_2462



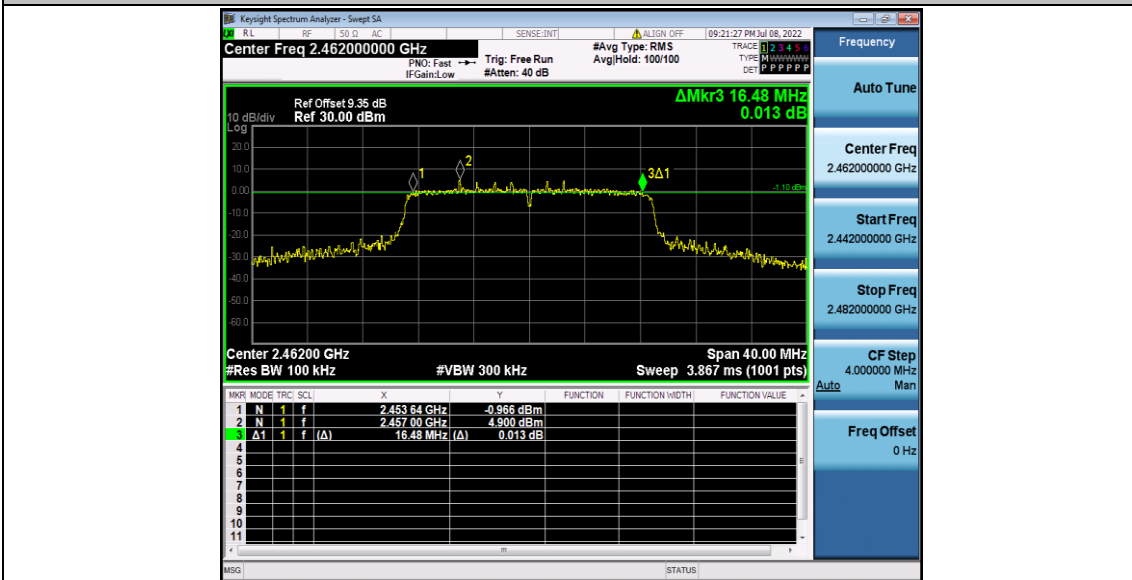
11N20SISO\_Ant1\_2412



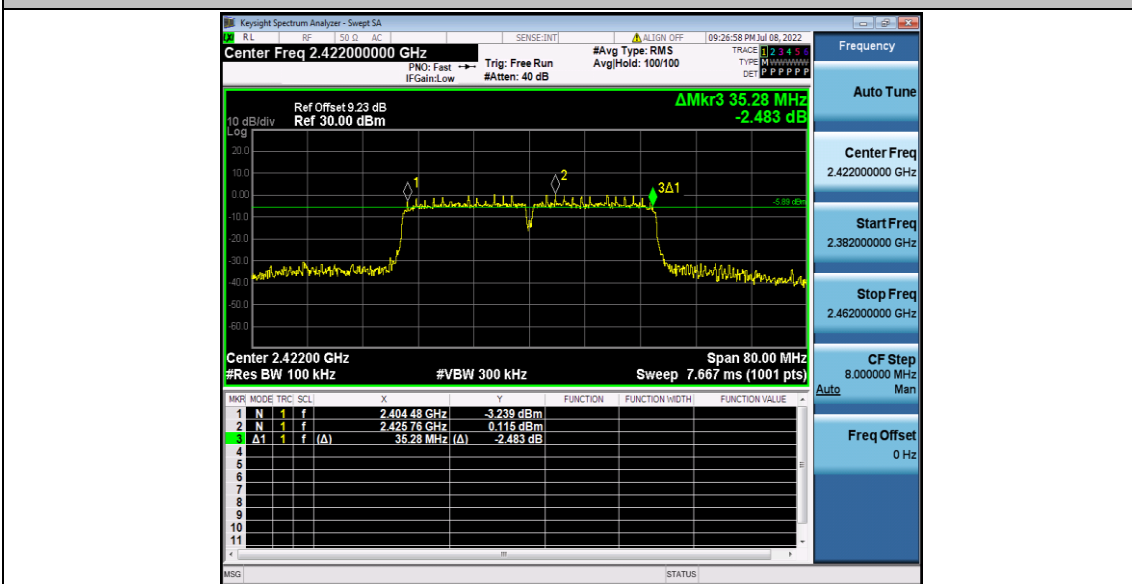
11N20SISO\_Ant1\_2437



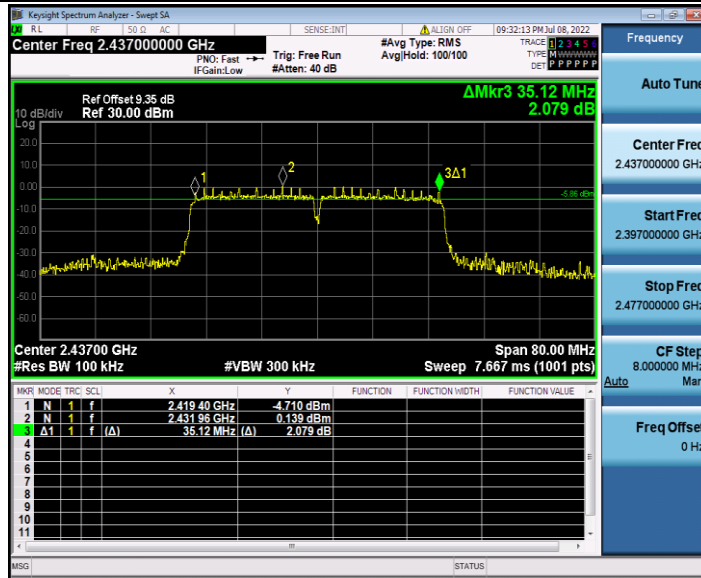
11N20SISO\_Ant1\_2462



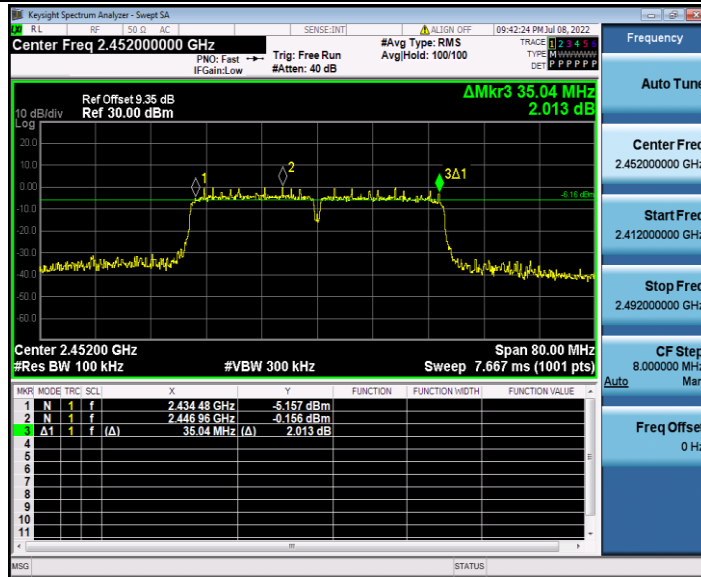
11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2437



11N40SISO\_Ant1\_2452



## Appendix A.2: Occupied Channel Bandwidth

### Test Result

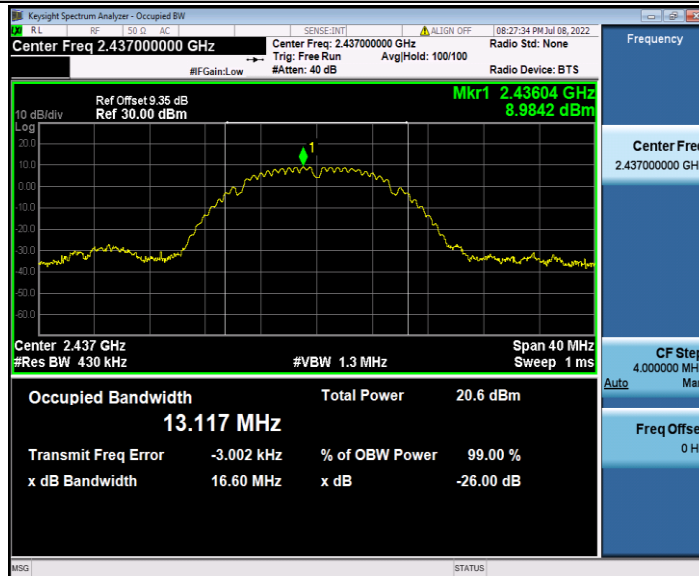
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.133	2405.473	2418.606	---	---
		2437	13.117	2430.439	2443.556	---	---
		2462	13.270	2455.345	2468.615	---	---
11G	Ant1	2412	16.925	2403.566	2420.491	---	---
		2437	16.857	2428.558	2445.415	---	---
		2462	17.762	2453.104	2470.866	---	---
11N20SISO	Ant1	2412	17.721	2403.164	2420.885	---	---
		2437	17.738	2428.120	2445.858	---	---
		2462	17.733	2453.112	2470.845	---	---
11N40SISO	Ant1	2422	35.945	2404.051	2439.996	---	---
		2437	35.955	2418.998	2454.953	---	---
		2452	36.005	2433.907	2469.912	---	---

# Test Graphs

11B\_Ant1\_2412



11B\_Ant1\_2437

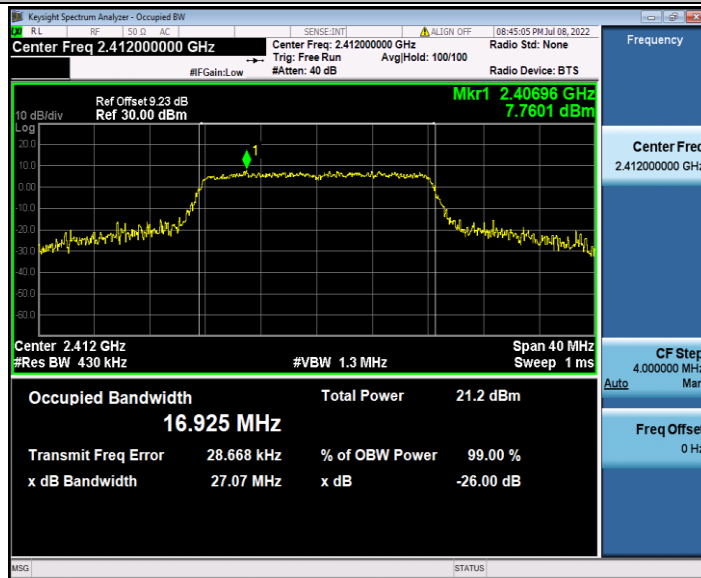


11B\_Ant1\_2462

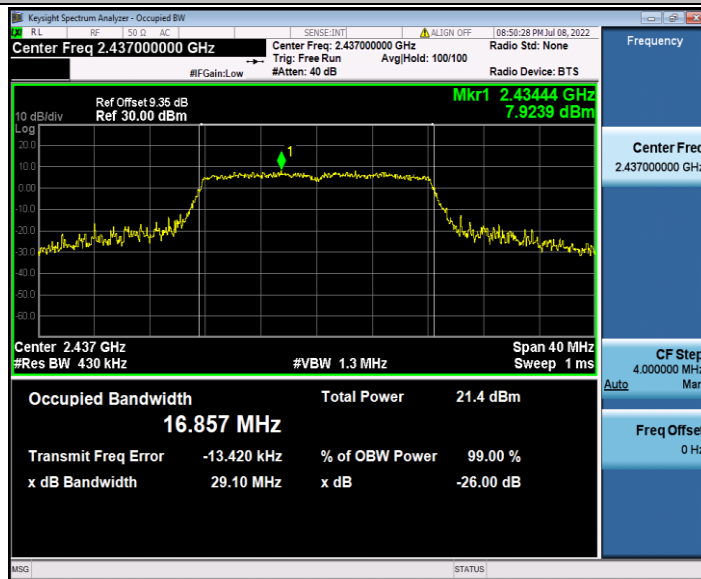




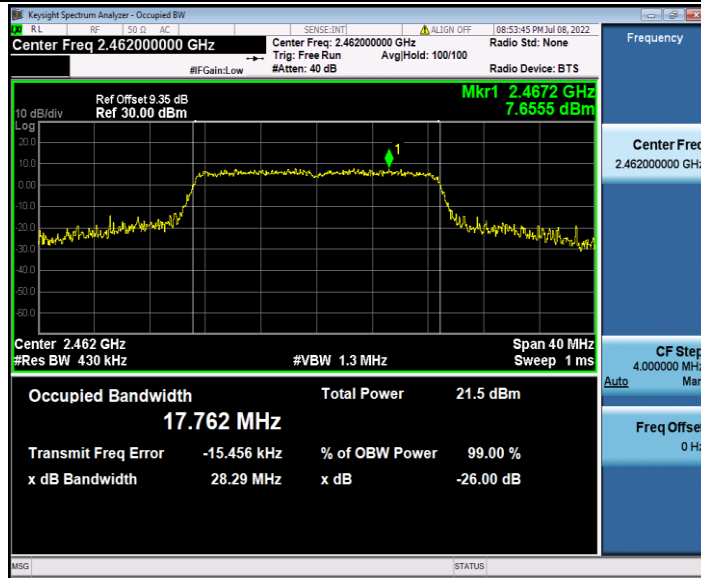
11G\_Ant1\_2412



11G\_Ant1\_2437



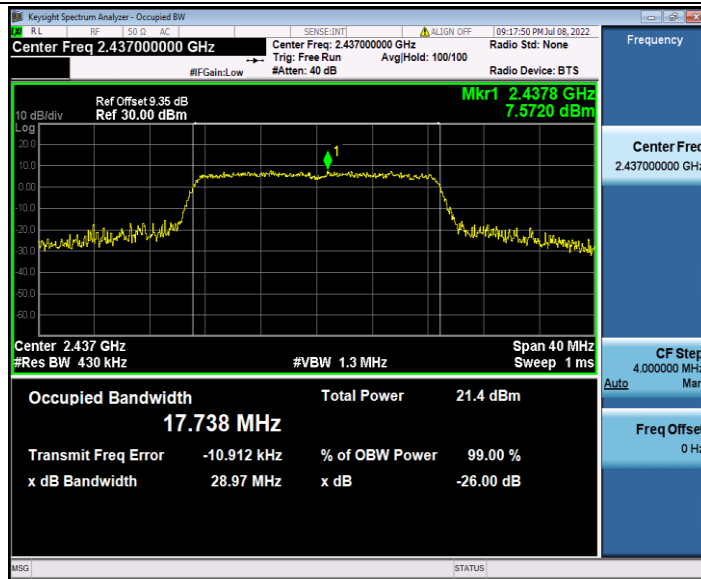
11G\_Ant1\_2462



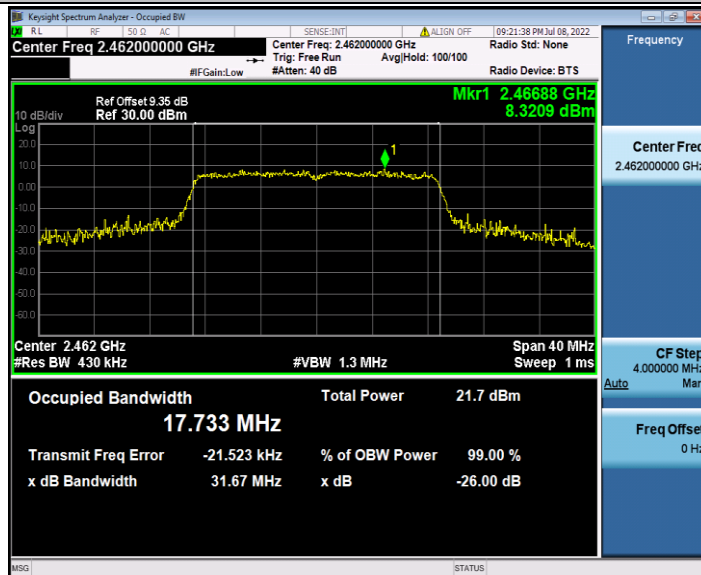
11N20SISO\_Ant1\_2412



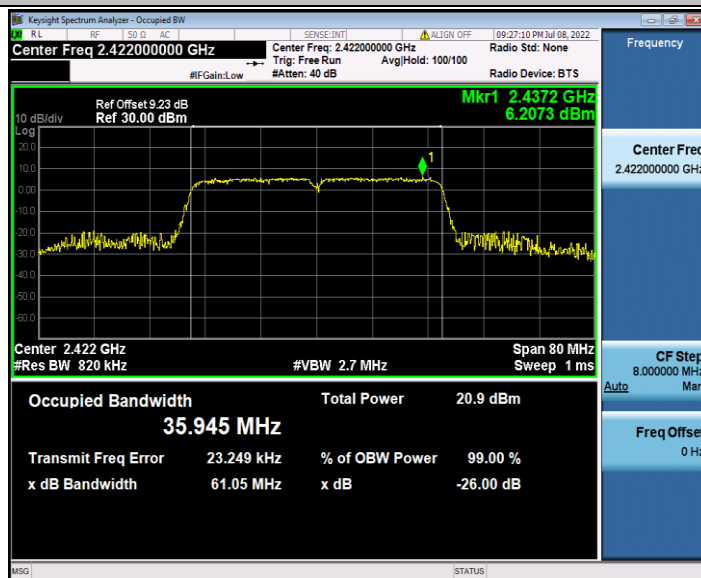
11N20SISO\_Ant1\_2437



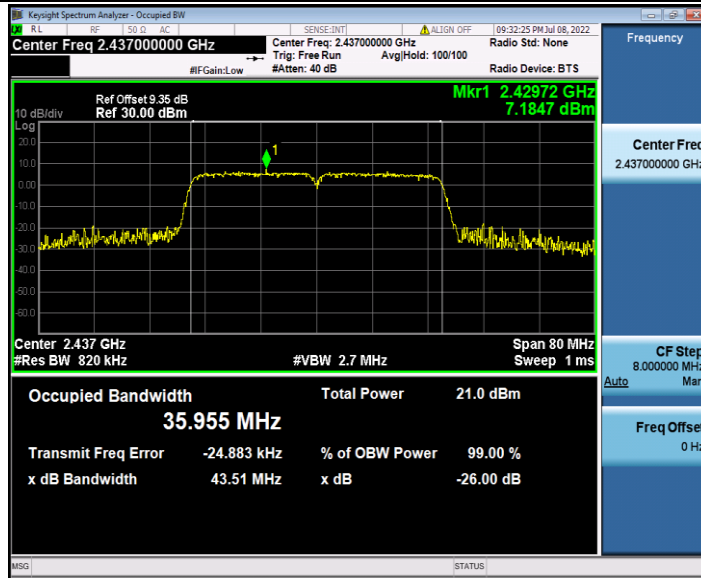
11N20SISO\_Ant1\_2462



11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2437



11N40SISO\_Ant1\_2452



## Appendix A.3: Maximum power spectral density

### Test Result

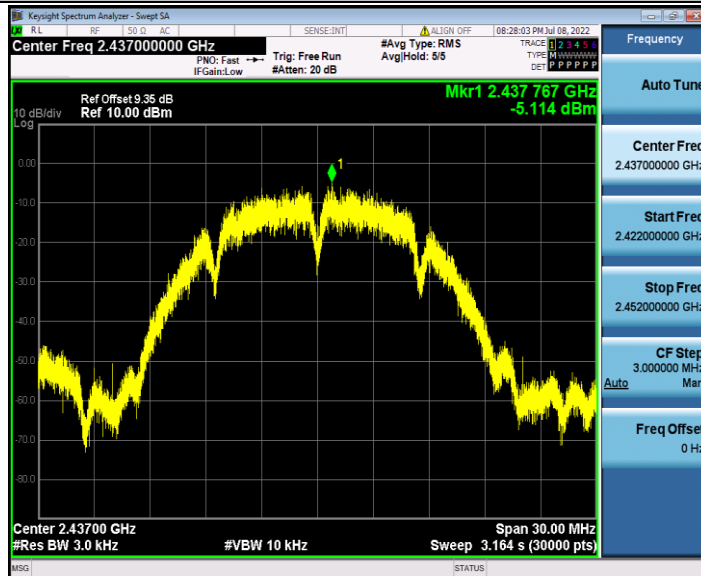
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-5.67	≤8.00	PASS
		2437	-5.11	≤8.00	PASS
		2462	-5.61	≤8.00	PASS
11G	Ant1	2412	-10.65	≤8.00	PASS
		2437	-9.41	≤8.00	PASS
		2462	-9.87	≤8.00	PASS
11N20SISO	Ant1	2412	-10.73	≤8.00	PASS
		2437	-8.96	≤8.00	PASS
		2462	-10.03	≤8.00	PASS
11N40SISO	Ant1	2422	-14.49	≤8.00	PASS
		2437	-14.46	≤8.00	PASS
		2452	-14.4	≤8.00	PASS

# Test Graphs

11B\_Ant1\_2412



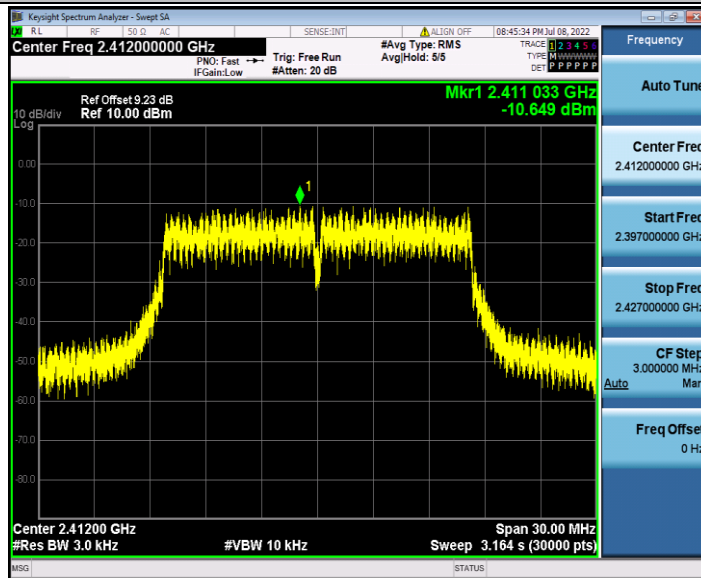
11B\_Ant1\_2437



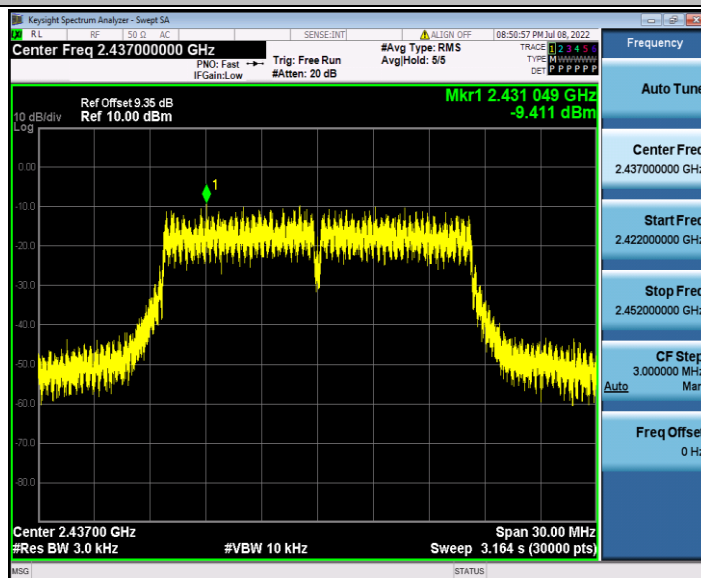
11B\_Ant1\_2462



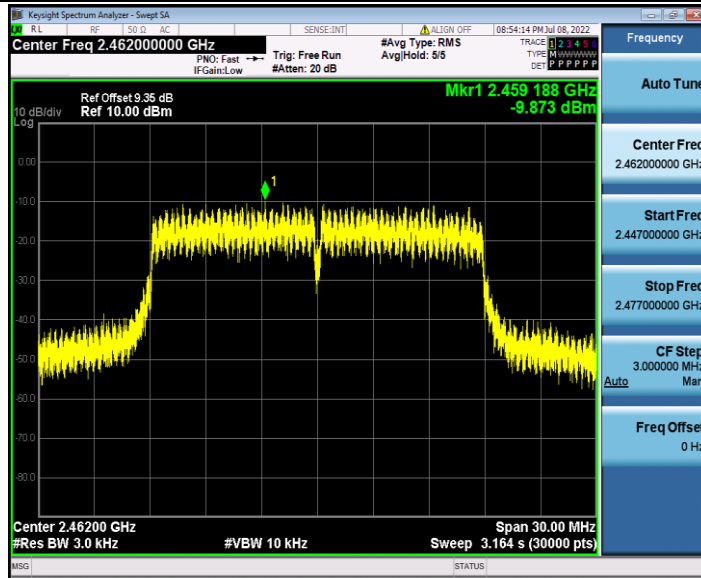
11G\_Ant1\_2412



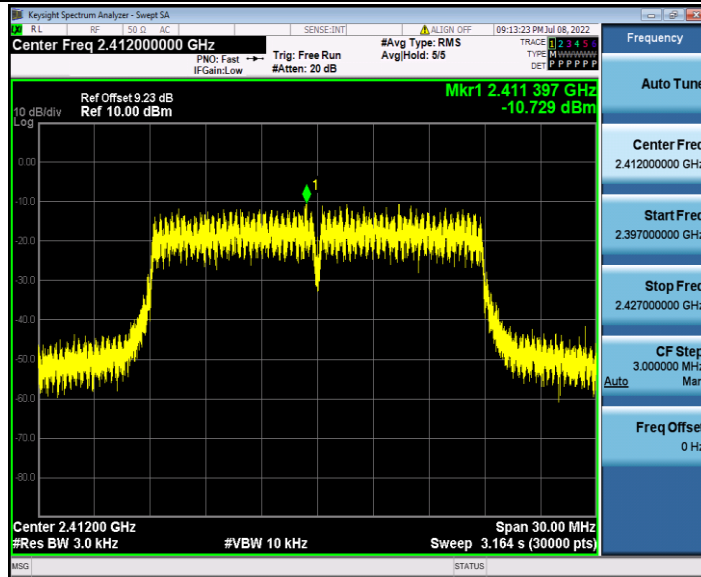
11G\_Ant1\_2437



11G\_Ant1\_2462

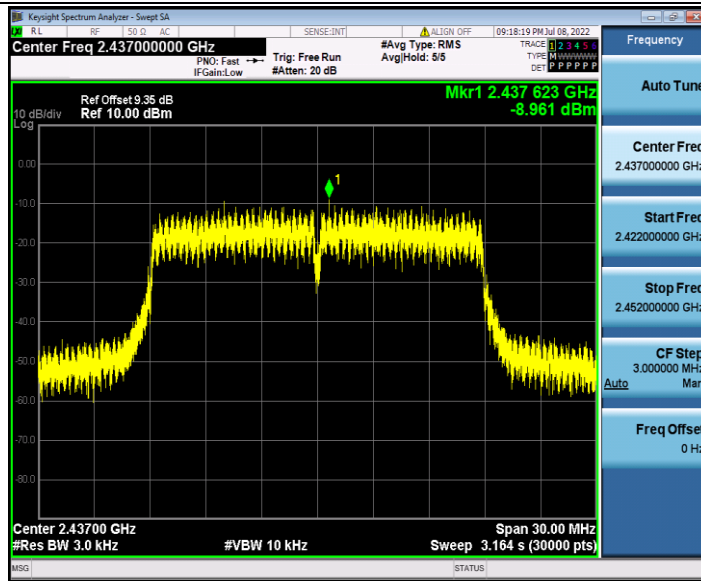


11N20SISO\_Ant1\_2412

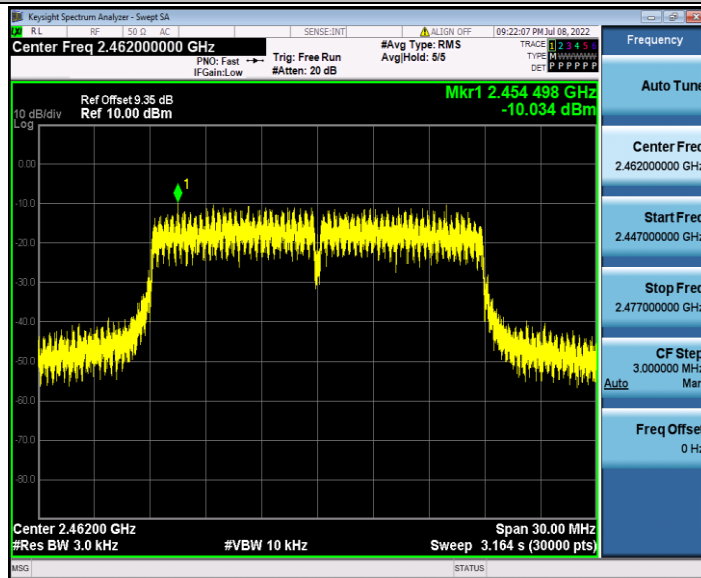


11N20SISO\_Ant1\_2437

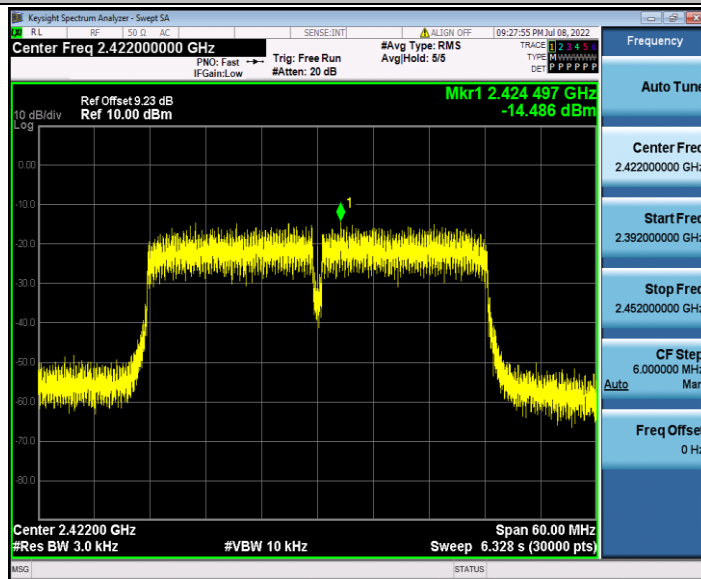




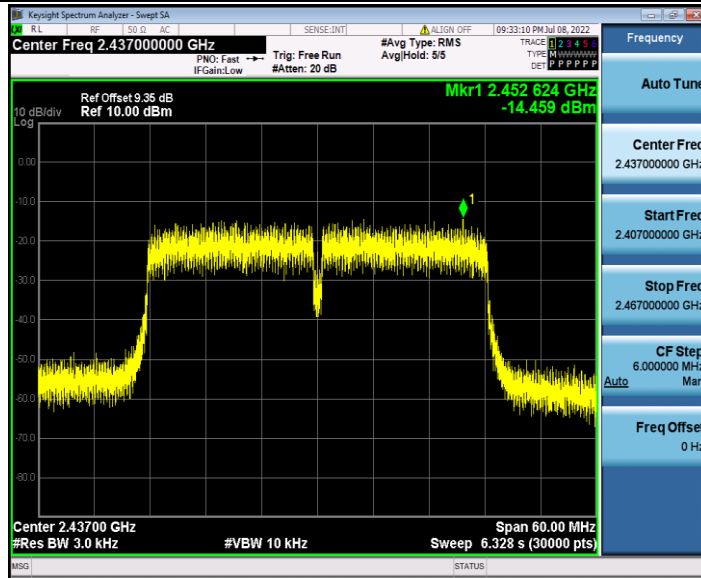
11N20SISO\_Ant1\_2462



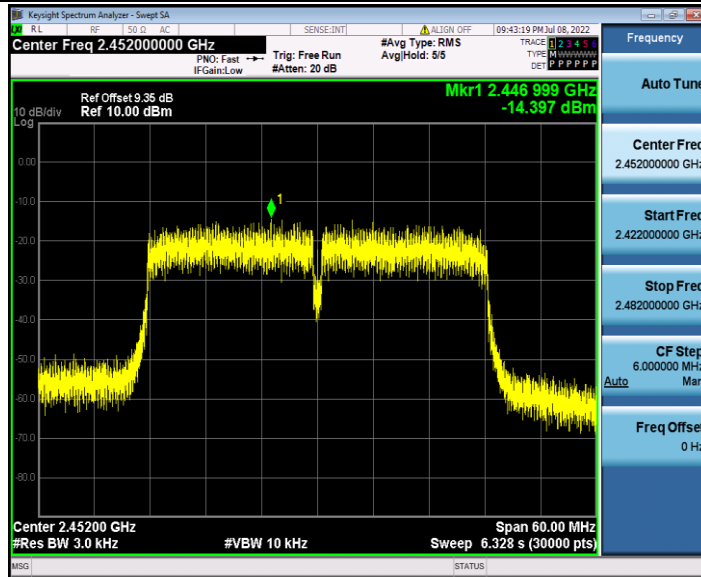
11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2437



11N40SISO\_Ant1\_2452



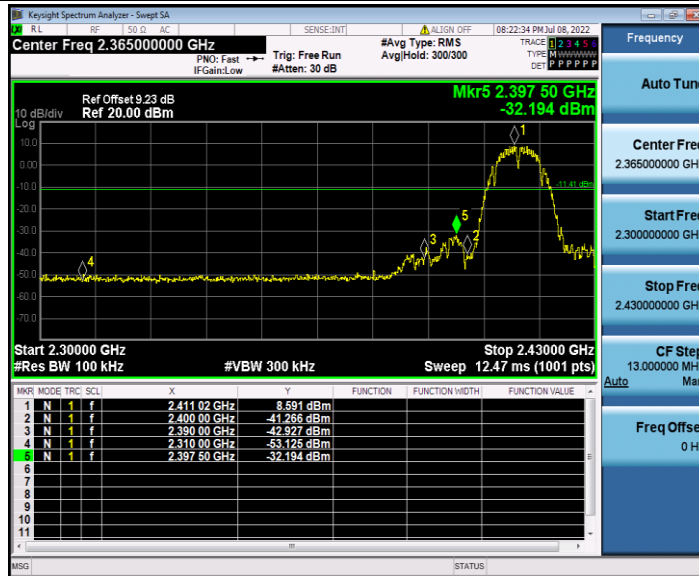
## Appendix A.4: Band edge measurements

### Test Result

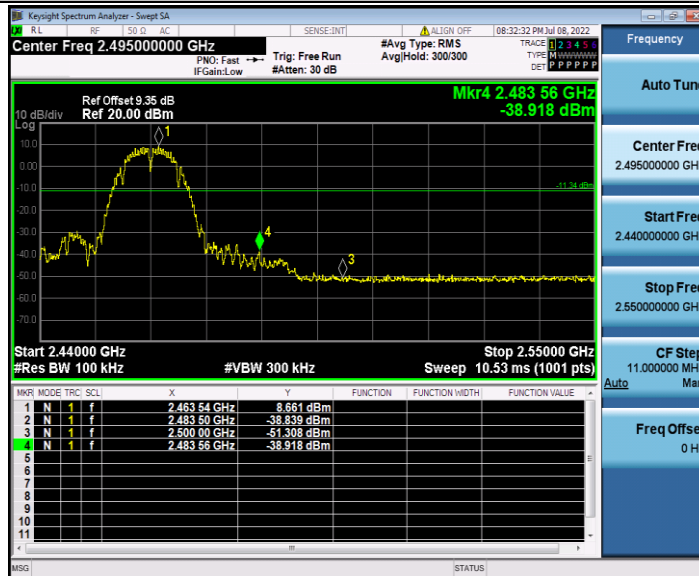
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	8.59	-32.19	≤-11.41	PASS
		High	2462	8.66	-38.92	≤-11.34	PASS
11G	Ant1	Low	2412	4.27	-22.6	≤-15.73	PASS
		High	2462	4.91	-35.45	≤-15.09	PASS
11N20SISO	Ant1	Low	2412	3.75	-26.26	≤-16.25	PASS
		High	2462	4.86	-34.83	≤-15.14	PASS
11N40SISO	Ant1	Low	2422	0.14	-31.03	≤-19.86	PASS
		High	2452	-0.39	-36.95	≤-20.39	PASS

# Test Graphs

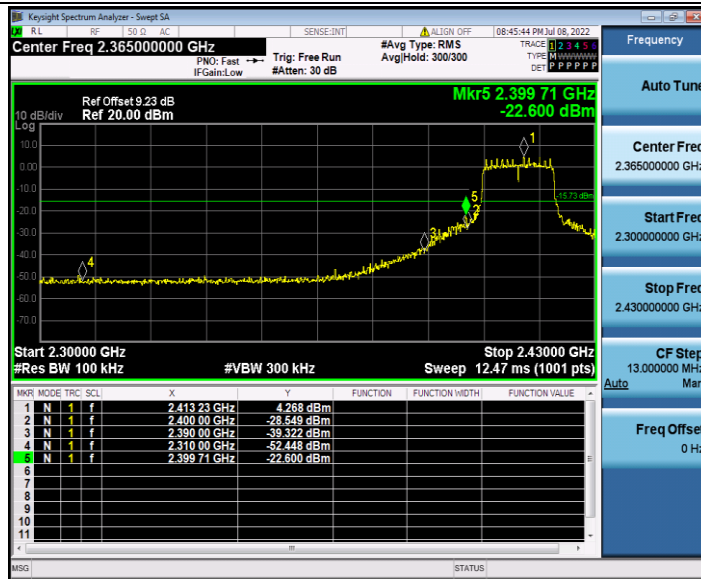
11B\_Ant1\_Low\_2412



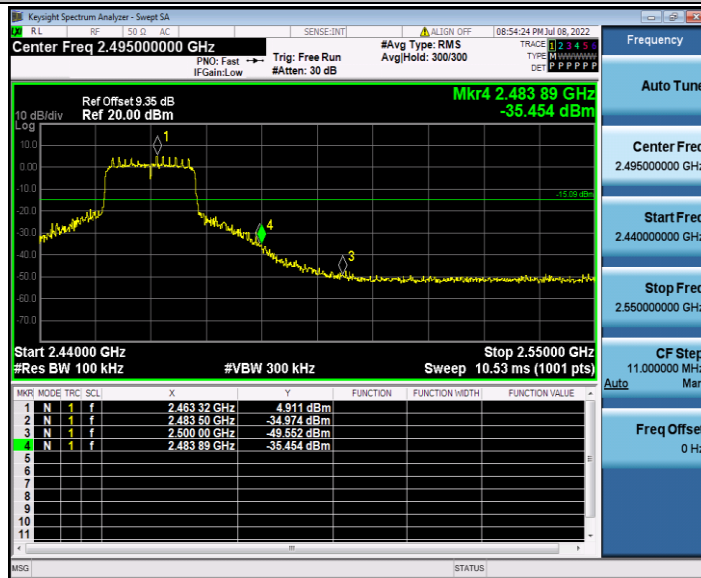
11B\_Ant1\_High\_2462



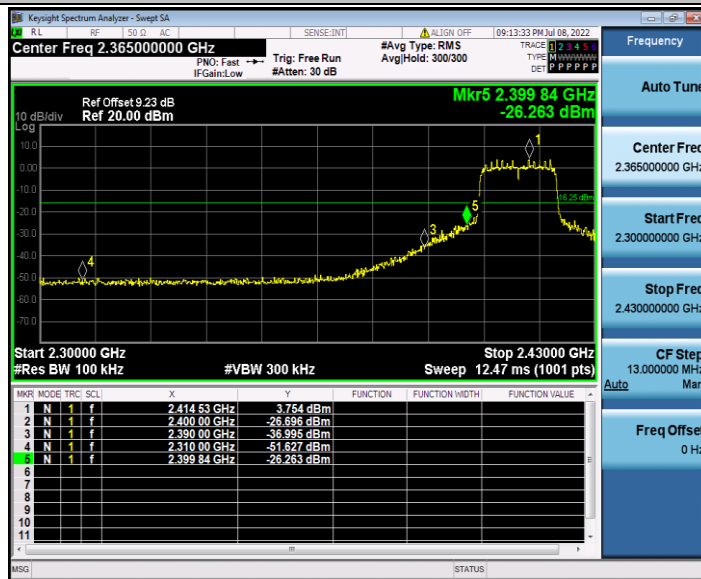
11G\_Ant1\_Low\_2412



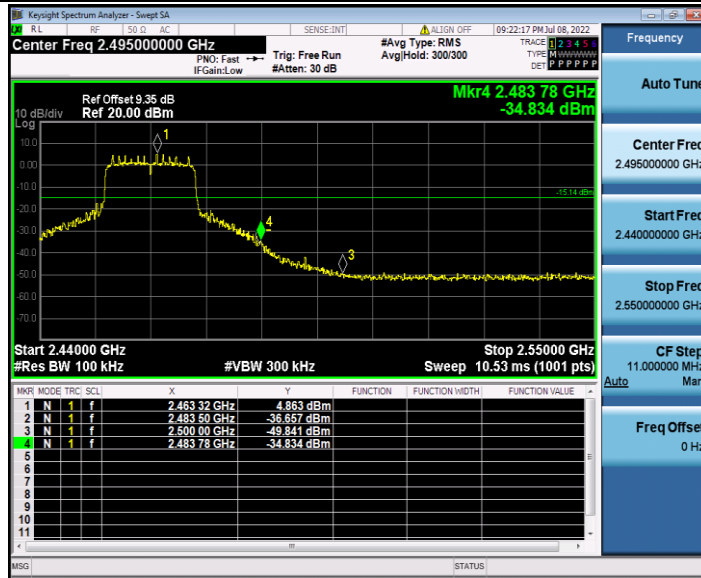
11G\_Ant1\_High\_2462



11N20SISO\_Ant1\_Low\_2412



11N20SISO\_Ant1\_High\_2462



11N40SISO\_Ant1\_Low\_2422



11N40SISO\_Ant1\_High\_2452

