

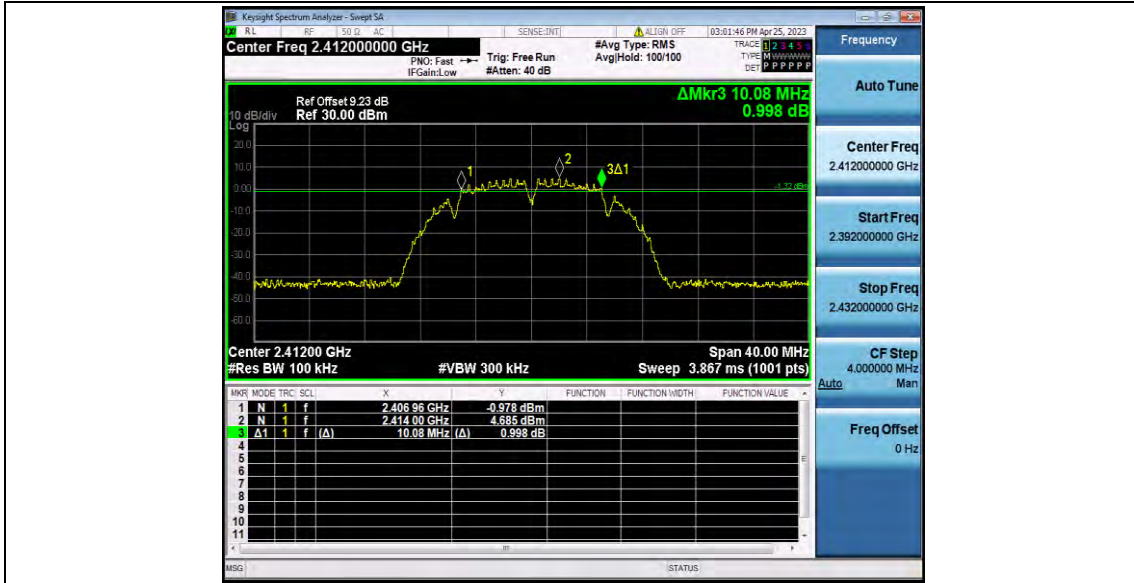
<b>Case No. :</b> <u>GTS20230321014-1-3</u>
<b>Ambient Condition:</b> <u>23</u> °C, <u>49</u> %RH, Atmos100.1Kpa,
<b>Test Date:</b> <u>2023.4.25</u> <b>Test Engineer:</b> <u>Jenny zeng</u>

## Appendix C.1: DTS Bandwidth

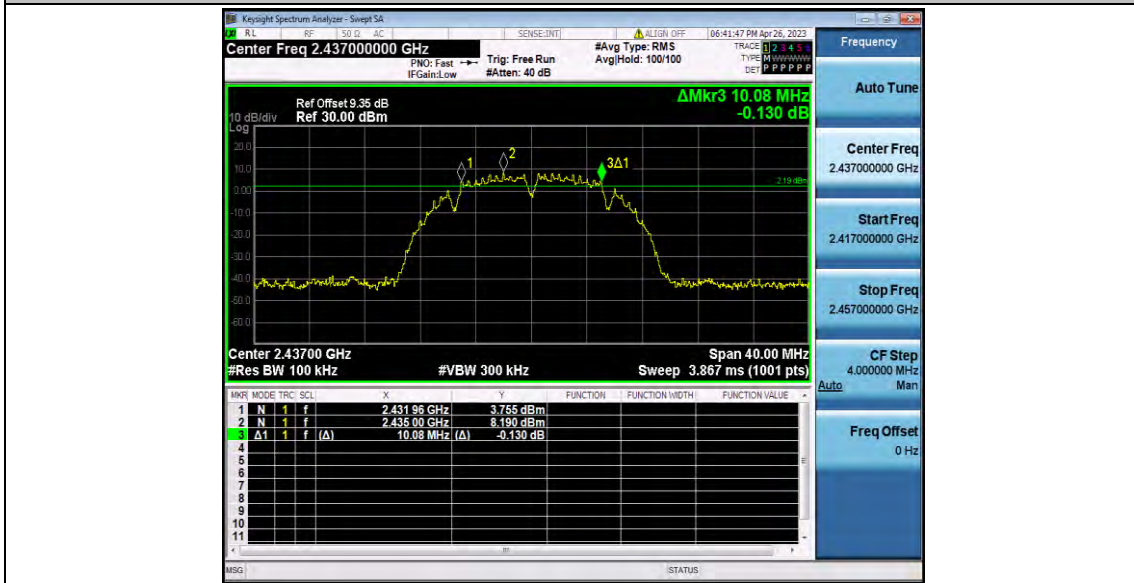
### Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant2	2412	10.080	2406.960	2417.040	0.5	PASS
		2437	10.080	2431.960	2442.040	0.5	PASS
		2462	10.080	2456.960	2467.040	0.5	PASS
11G	Ant2	2412	15.080	2404.480	2419.560	0.5	PASS
		2437	15.120	2429.440	2444.560	0.5	PASS
		2462	15.120	2454.440	2469.560	0.5	PASS
11N20SISO	Ant2	2412	15.120	2404.440	2419.560	0.5	PASS
		2437	15.120	2429.440	2444.560	0.5	PASS
		2462	15.080	2454.480	2469.560	0.5	PASS
11N40SISO	Ant2	2422	35.040	2404.480	2439.520	0.5	PASS
		2437	35.040	2419.480	2454.520	0.5	PASS
		2452	35.040	2434.480	2469.520	0.5	PASS
11AX20SISO	Ant2	2412	16.040	2404.480	2420.520	0.5	PASS
		2437	15.200	2429.360	2444.560	0.5	PASS
		2462	15.040	2454.480	2469.520	0.5	PASS
11AX40SISO	Ant2	2422	35.040	2404.480	2439.520	0.5	PASS
		2437	35.120	2419.480	2454.600	0.5	PASS
		2452	35.040	2434.480	2469.520	0.5	PASS

## Test Graphs



11B\_Ant2\_2412



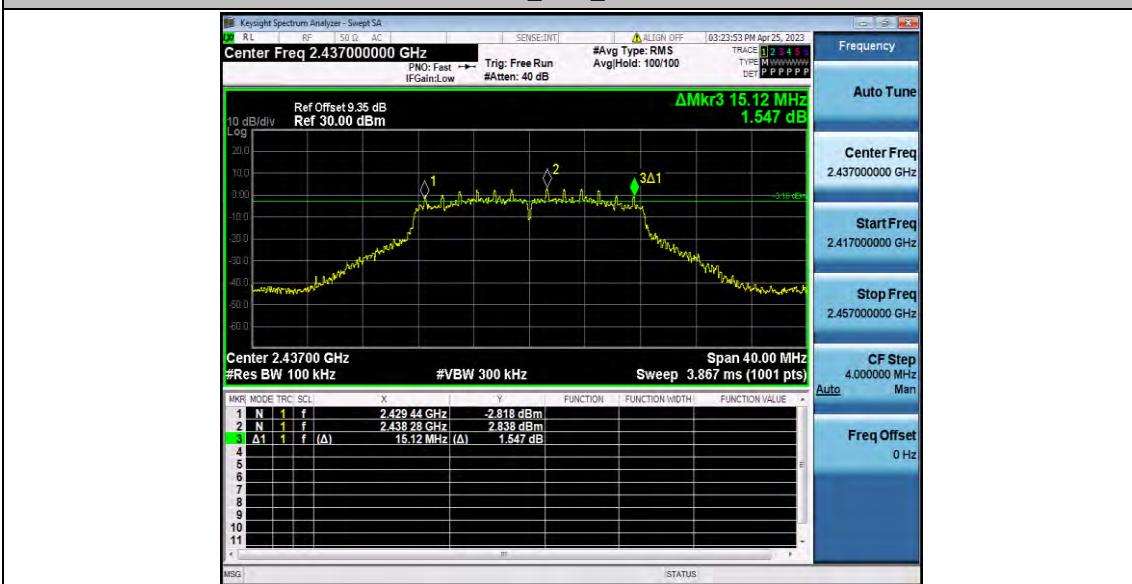
11B\_Ant2\_2437



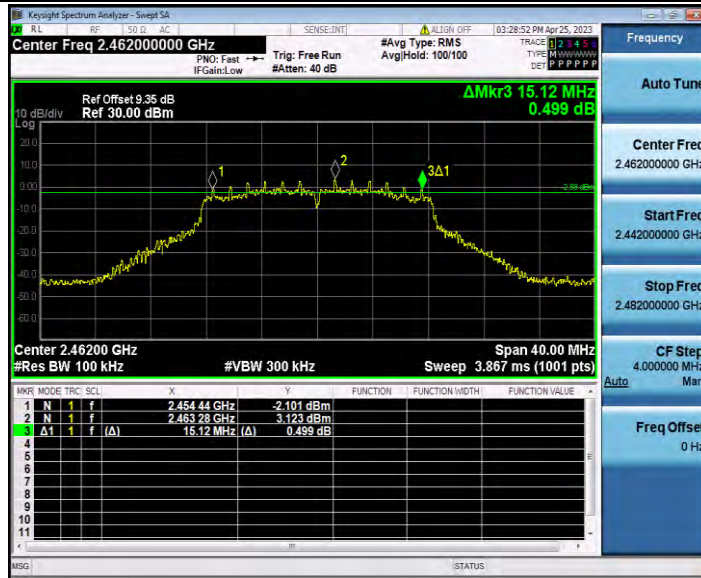
11B\_Ant2\_2462



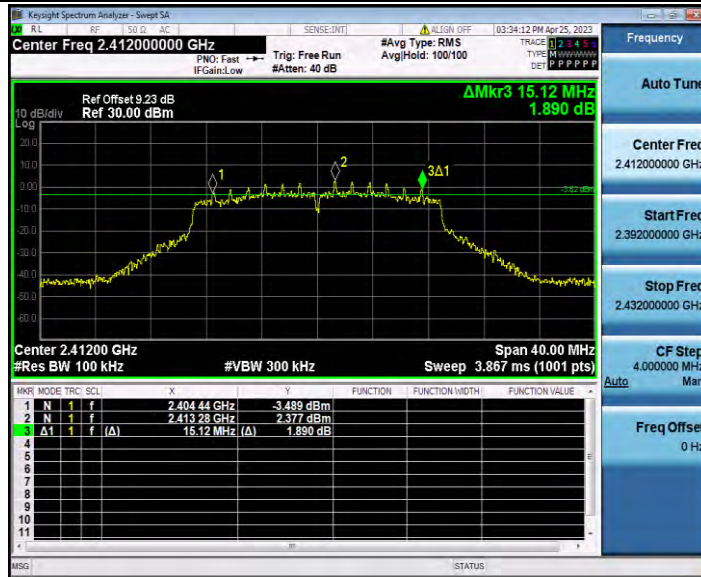
11G\_Ant2\_2412



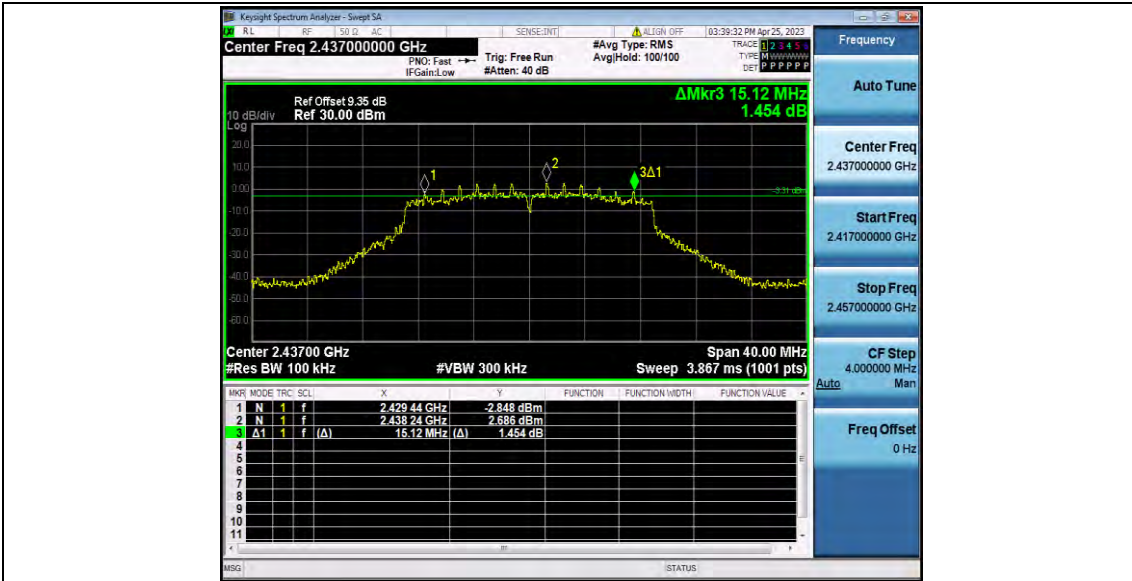
11G\_Ant2\_2437



11G\_Ant2\_2462



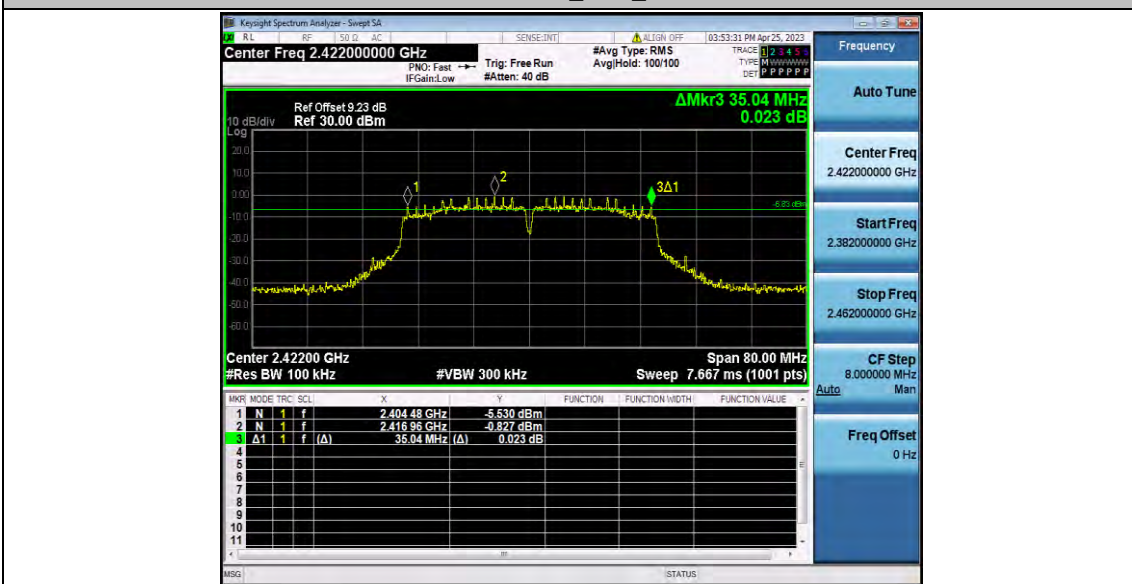
11N20SISO\_Ant2\_2412



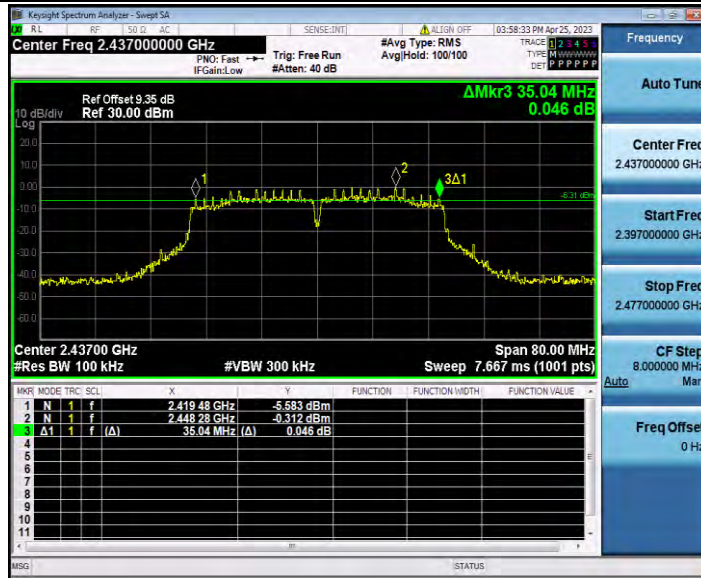
11N20SISO\_Ant2\_2437



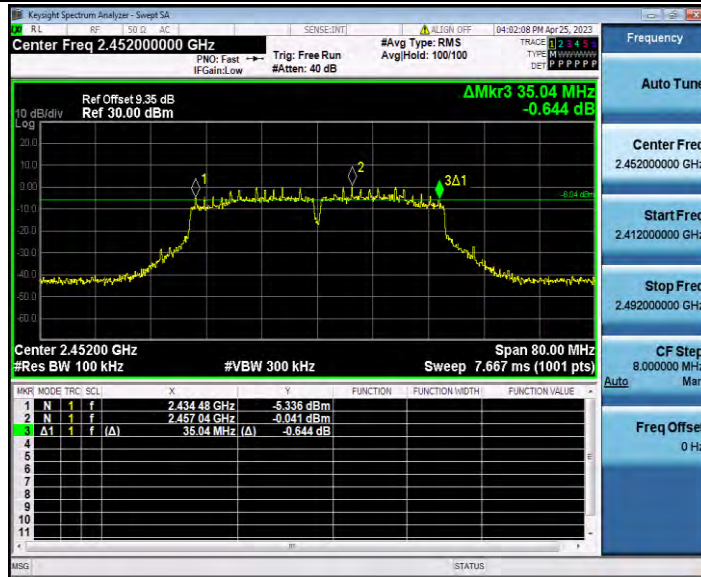
11N20SISO\_Ant2\_2462



11N40SISO\_Ant2\_2422



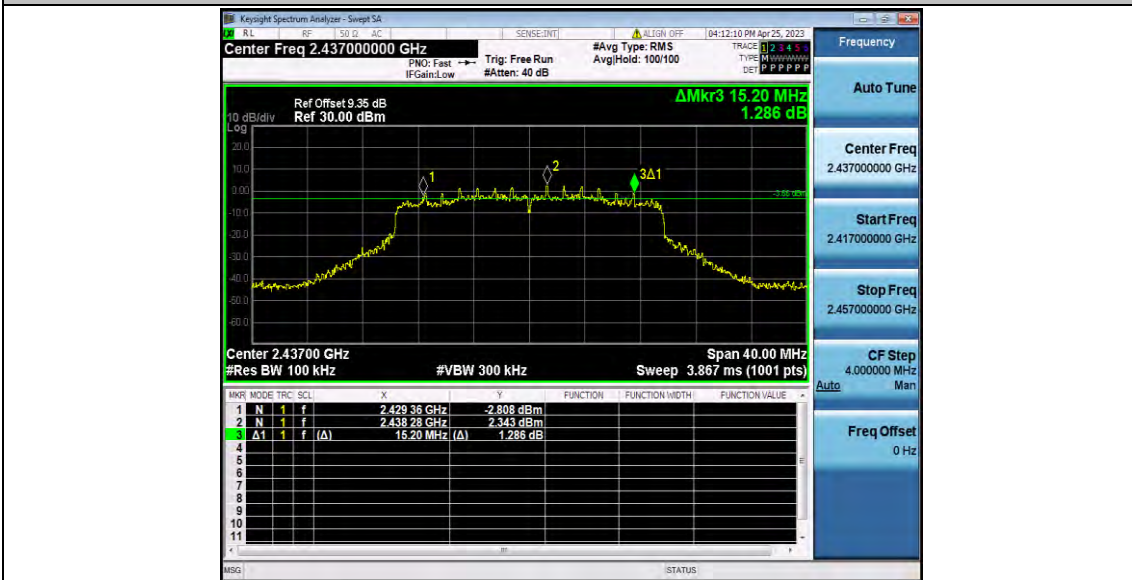
11N40SISO\_Ant2\_2437



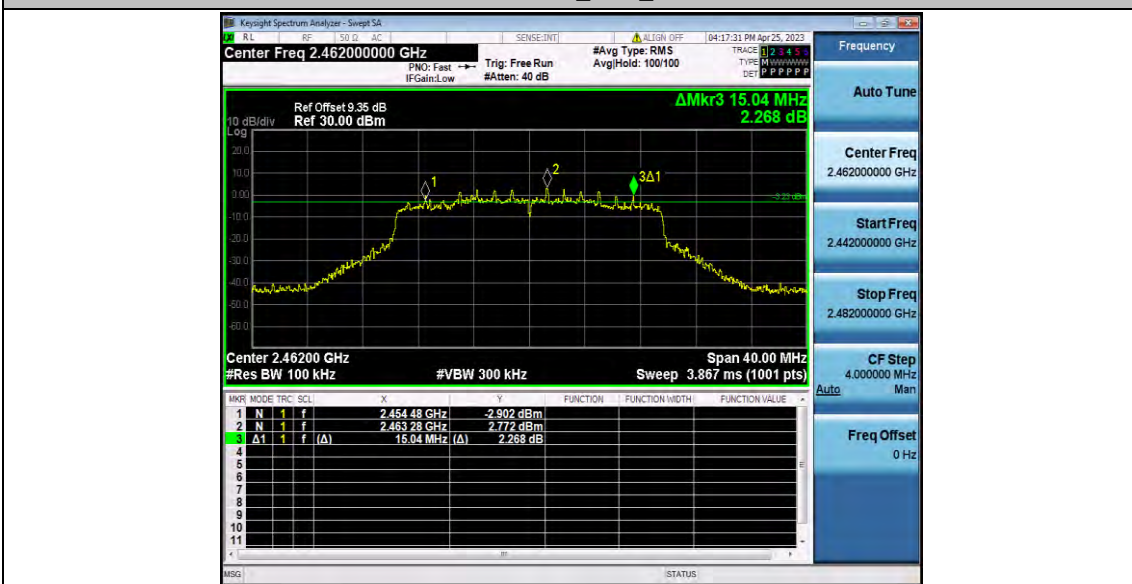
11N40SISO\_Ant2\_2452



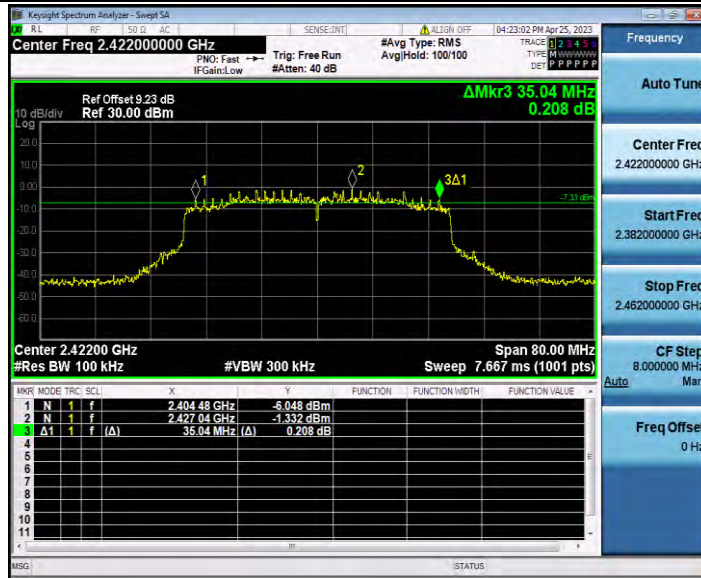
11AX20SISO\_Ant2\_2412



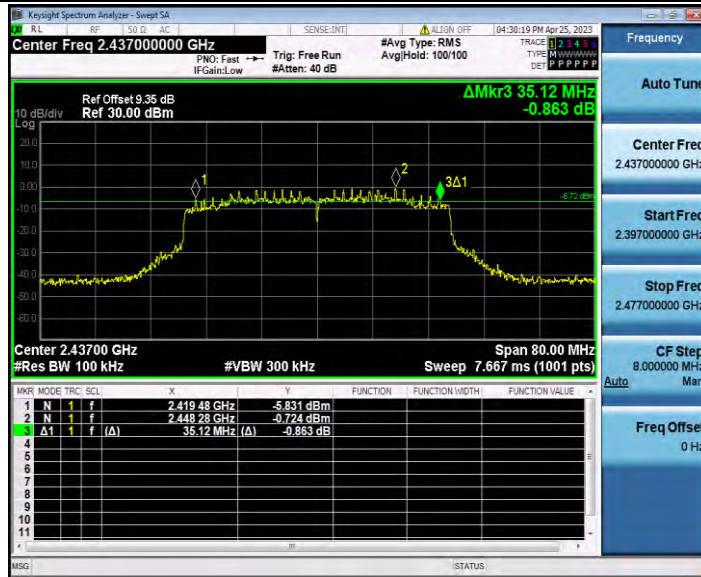
11AX20SISO\_Ant2\_2437



11AX20SISO\_Ant2\_2462

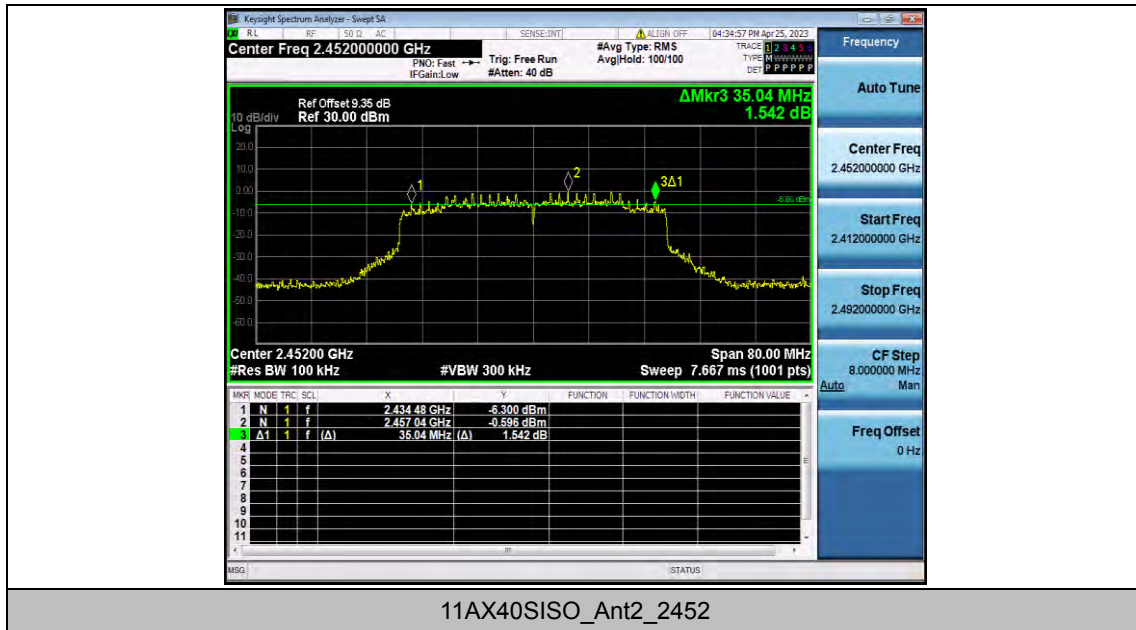


11AX40SISO\_Ant2\_2422



11AX40SISO\_Ant2\_2437





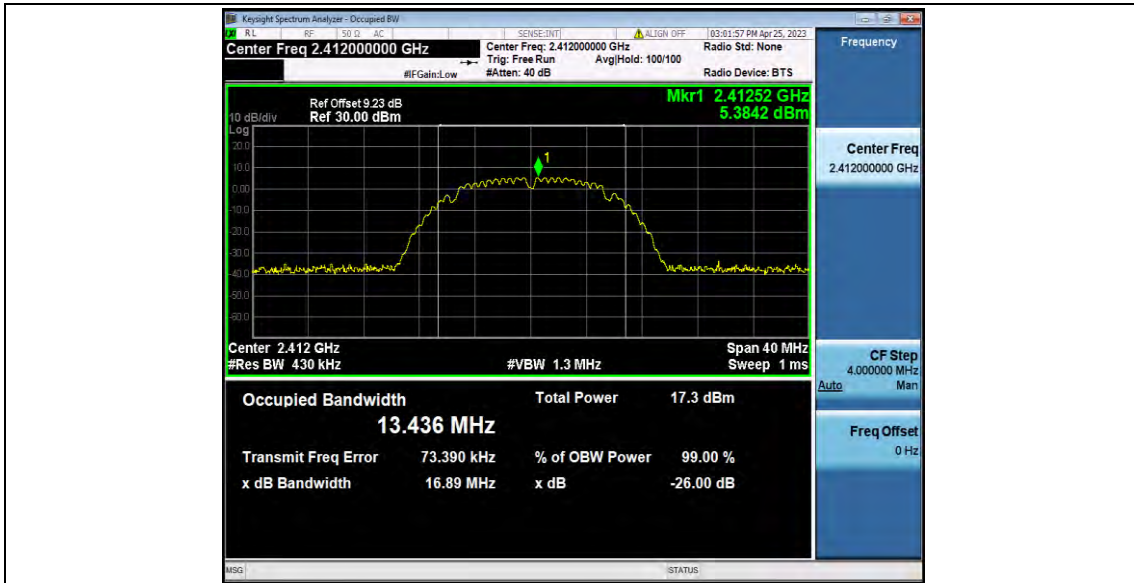
11AX40SISO\_Ant2\_2452

## Appendix C.2: Occupied Channel Bandwidth

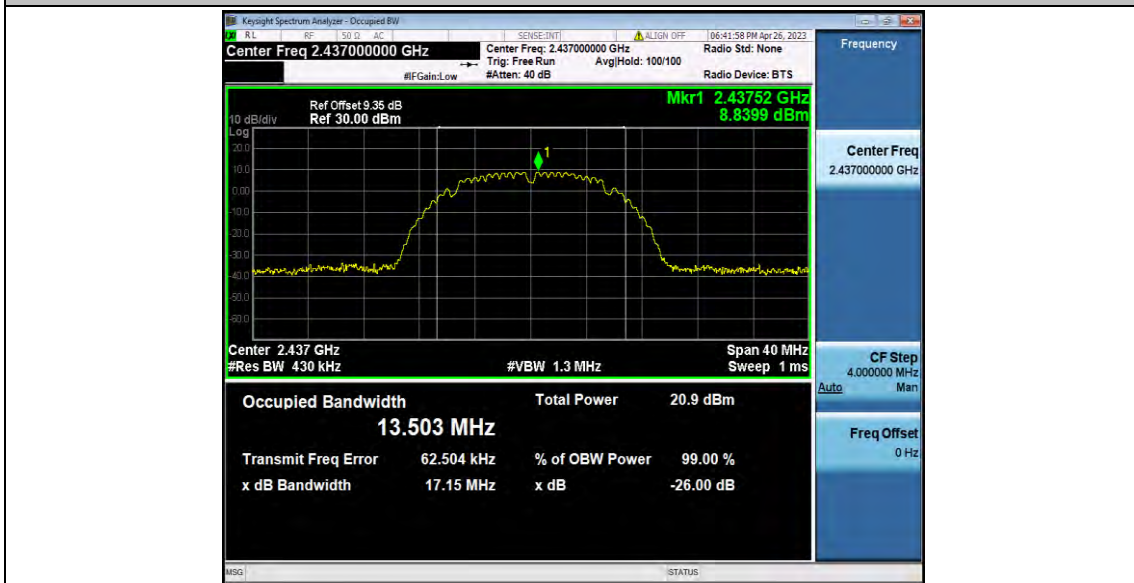
### Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant2	2412	13.436	2405.355	2418.791	---	---
		2437	13.503	2430.311	2443.814	---	---
		2462	13.454	2455.268	2468.722	---	---
11G	Ant2	2412	16.866	2403.650	2420.516	---	---
		2437	16.901	2428.616	2445.517	---	---
		2462	16.783	2453.617	2470.400	---	---
11N20SISO	Ant2	2412	17.908	2403.098	2421.006	---	---
		2437	17.975	2427.995	2445.970	---	---
		2462	17.866	2453.053	2470.919	---	---
11N40SISO	Ant2	2422	36.019	2404.024	2440.043	---	---
		2437	36.103	2419.062	2455.165	---	---
		2452	36.093	2434.022	2470.115	---	---
11AX20SISO	Ant2	2412	18.892	2402.608	2421.500	---	---
		2437	18.966	2427.526	2446.492	---	---
		2462	18.934	2452.560	2471.494	---	---
11AX40SISO	Ant2	2422	37.420	2403.352	2440.772	---	---
		2437	37.554	2418.380	2455.934	---	---
		2452	37.510	2433.364	2470.874	---	---

## Test Graphs



11B\_Ant2\_2412



11B\_Ant2\_2437



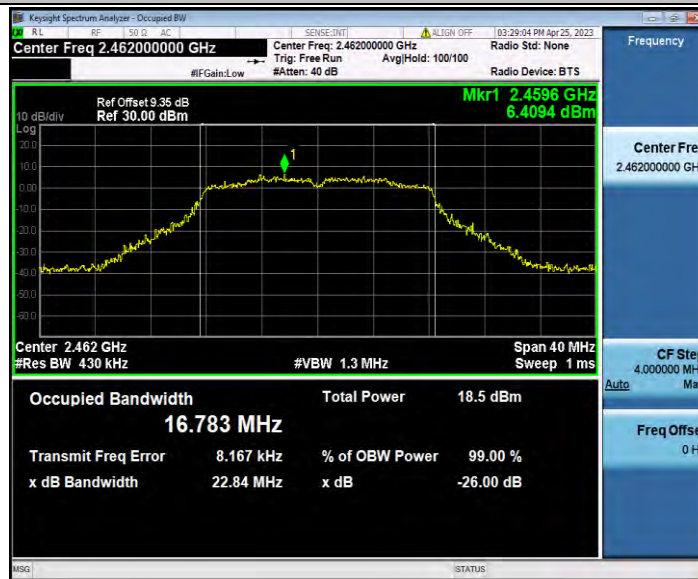
11B\_Ant2\_2462



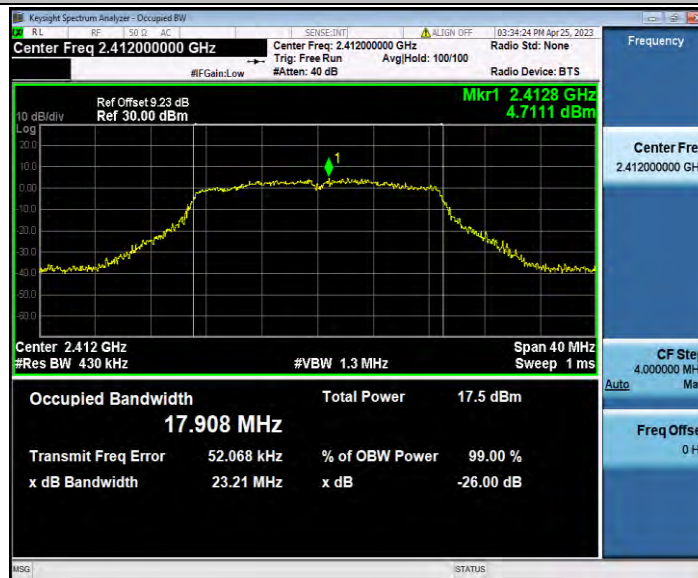
11G\_Ant2\_2412



11G\_Ant2\_2437



11G\_Ant2\_2462



11N20SISO\_Ant2\_2412



11N20SISO\_Ant2\_2437



11N20SISO\_Ant2\_2462



11N40SISO\_Ant2\_2422



11N40SISO\_Ant2\_2437



11N40SISO\_Ant2\_2452



11AX20SISO\_Ant2\_2412

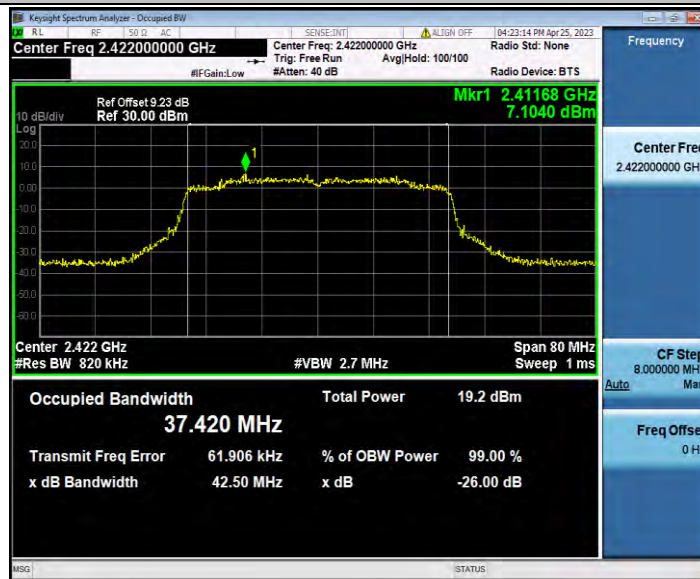


11AX20SISO\_Ant2\_2437

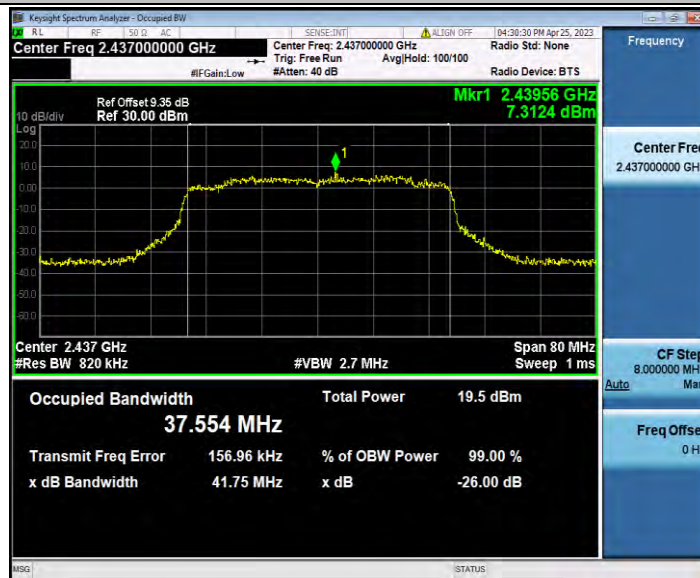




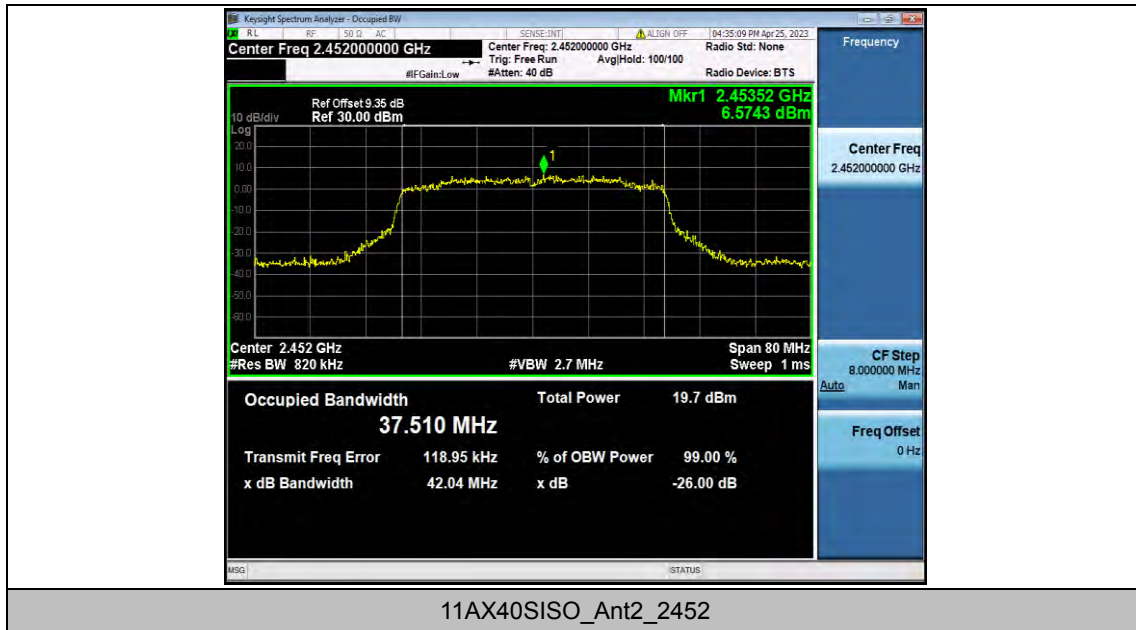
11AX20SISO\_Ant2\_2462



11AX40SISO\_Ant2\_2422



11AX40SISO\_Ant2\_2437



11AX40SISO\_Ant2\_2452

## Appendix C.3: Maximum conducted output power

### Test Result Peak

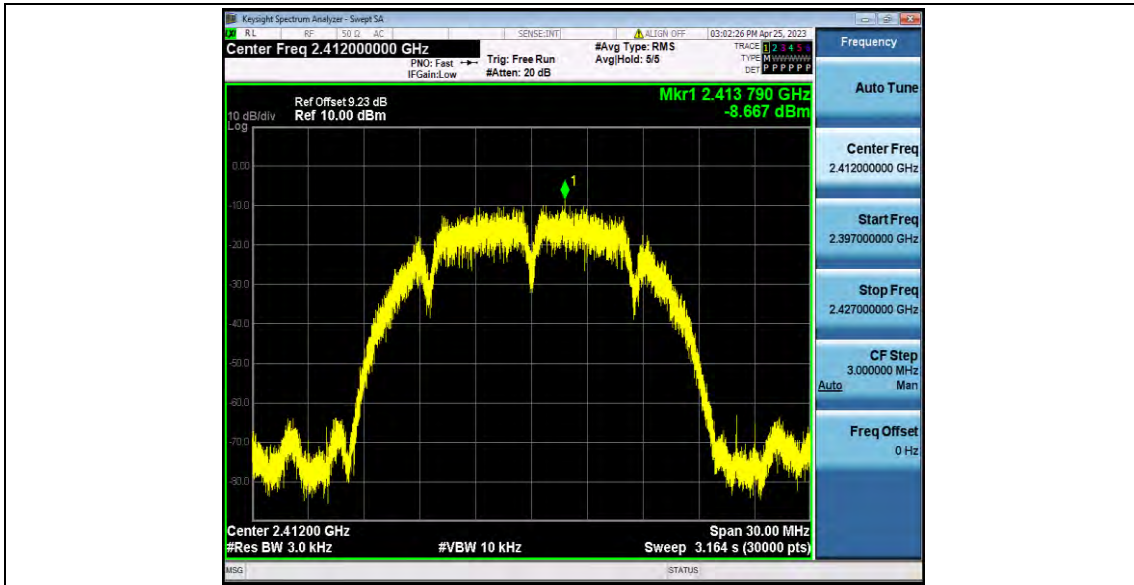
TestMode	Antenna	Frequency[M Hz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant2	2412	17.37	≤30.00	PASS
		2437	17.93	≤30.00	PASS
		2462	16.06	≤30.00	PASS
11G	Ant2	2412	18.94	≤30.00	PASS
		2437	19.50	≤30.00	PASS
		2462	19.62	≤30.00	PASS
11N20SISO	Ant2	2412	18.66	≤30.00	PASS
		2437	19.14	≤30.00	PASS
		2462	19.51	≤30.00	PASS
11N40SISO	Ant2	2422	19.10	≤30.00	PASS
		2437	19.46	≤30.00	PASS
		2452	19.65	≤30.00	PASS
11AX20SISO	Ant2	2412	18.87	≤30.00	PASS
		2437	19.52	≤30.00	PASS
		2462	19.89	≤30.00	PASS
11AX40SISO	Ant2	2422	19.26	≤30.00	PASS
		2437	19.67	≤30.00	PASS
		2452	19.79	≤30.00	PASS

## Appendix C.4: Maximum power spectral density

### Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant2	2412	-8.67	≤8.00	PASS
		2437	-5.09	≤8.00	PASS
		2462	-10.25	≤8.00	PASS
11G	Ant2	2412	-12.89	≤8.00	PASS
		2437	-12.43	≤8.00	PASS
		2462	-13.1	≤8.00	PASS
11N20SISO	Ant2	2412	-12.63	≤8.00	PASS
		2437	-12.71	≤8.00	PASS
		2462	-11.24	≤8.00	PASS
11N40SISO	Ant2	2422	-16.37	≤8.00	PASS
		2437	-15.78	≤8.00	PASS
		2452	-14.26	≤8.00	PASS
11AX20SISO	Ant2	2412	-14.83	≤8.00	PASS
		2437	-13.49	≤8.00	PASS
		2462	-13.09	≤8.00	PASS
11AX40SISO	Ant2	2422	-17.15	≤8.00	PASS
		2437	-17.11	≤8.00	PASS
		2452	-16.07	≤8.00	PASS

## Test Graphs



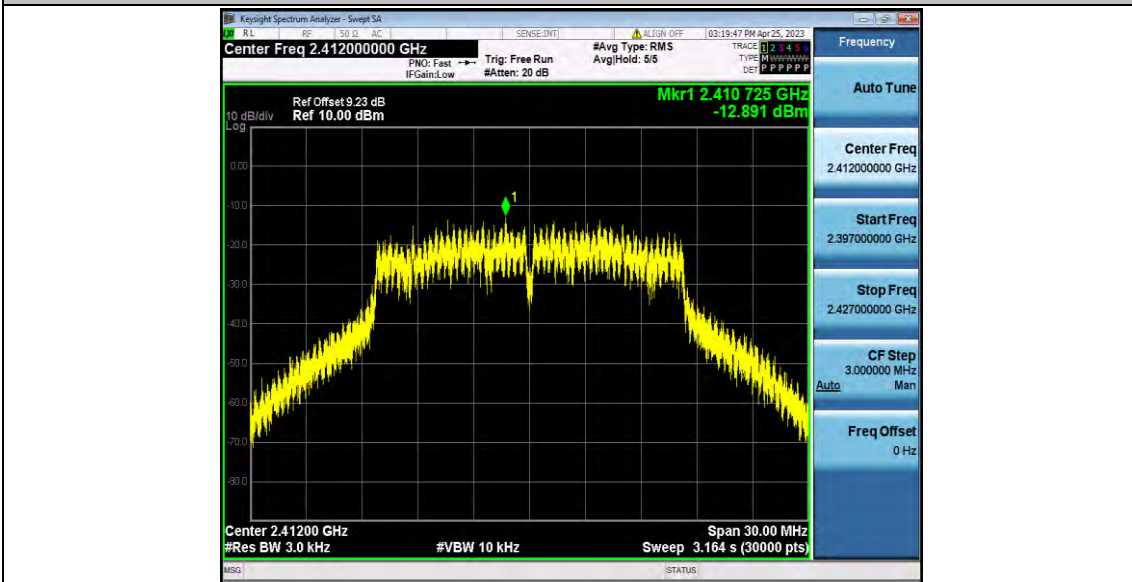
11B\_Ant2\_2412



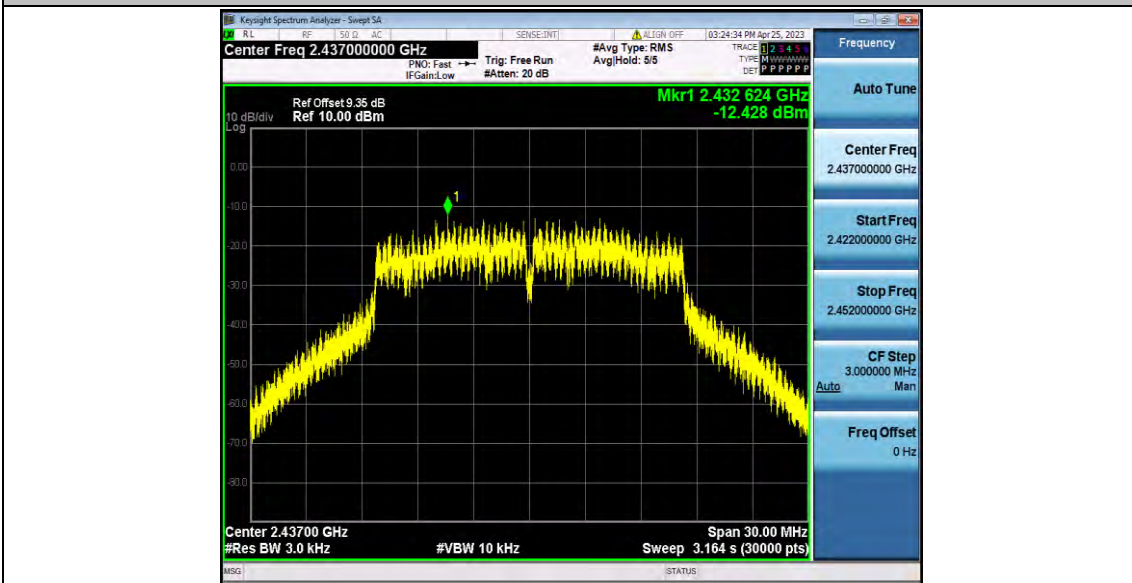
11B\_Ant2\_2437



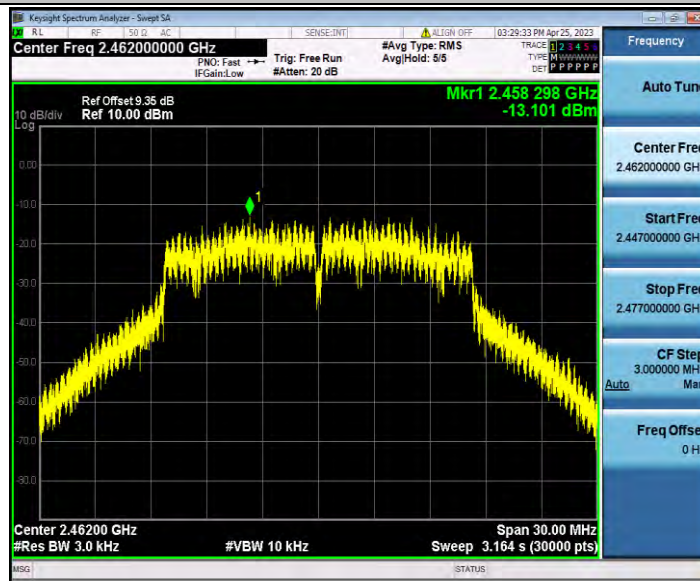
11B\_Ant2\_2462



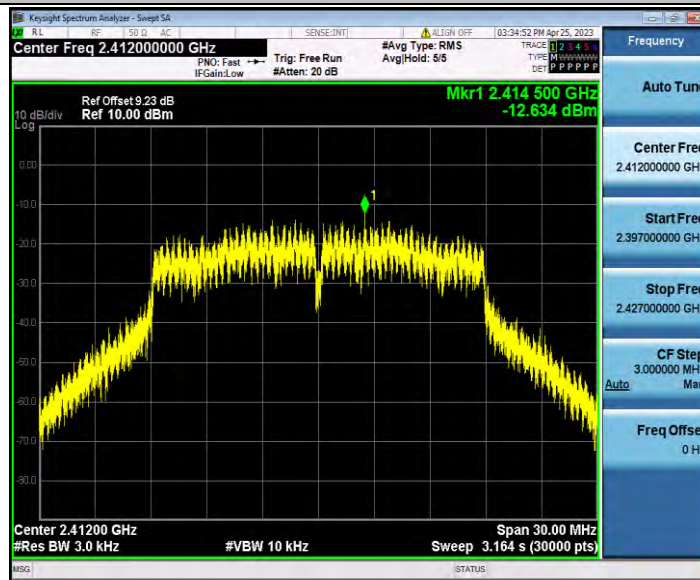
11G\_Ant2\_2412



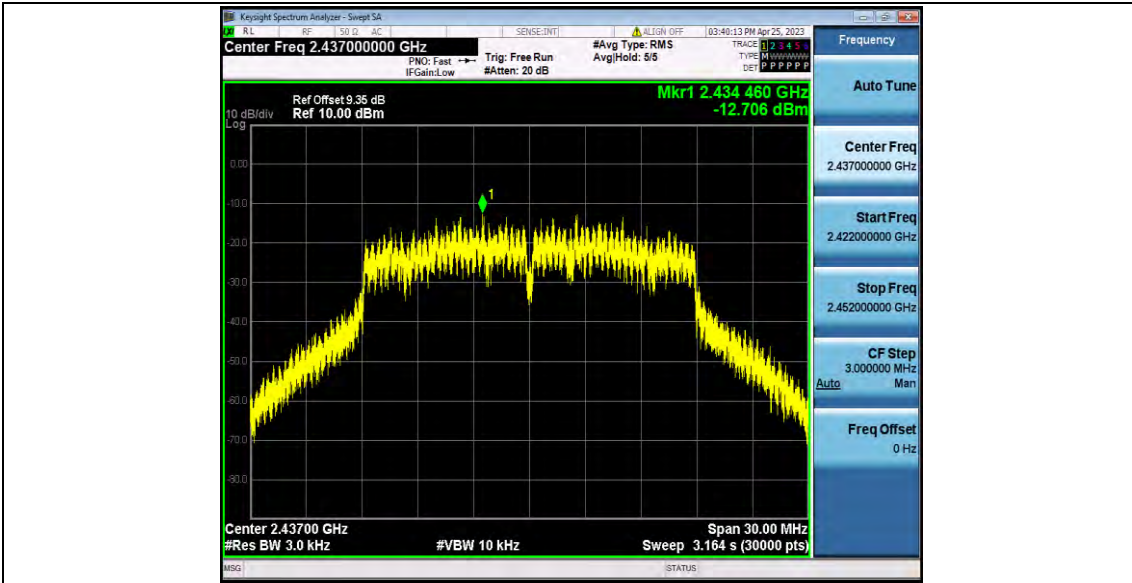
11G\_Ant2\_2437



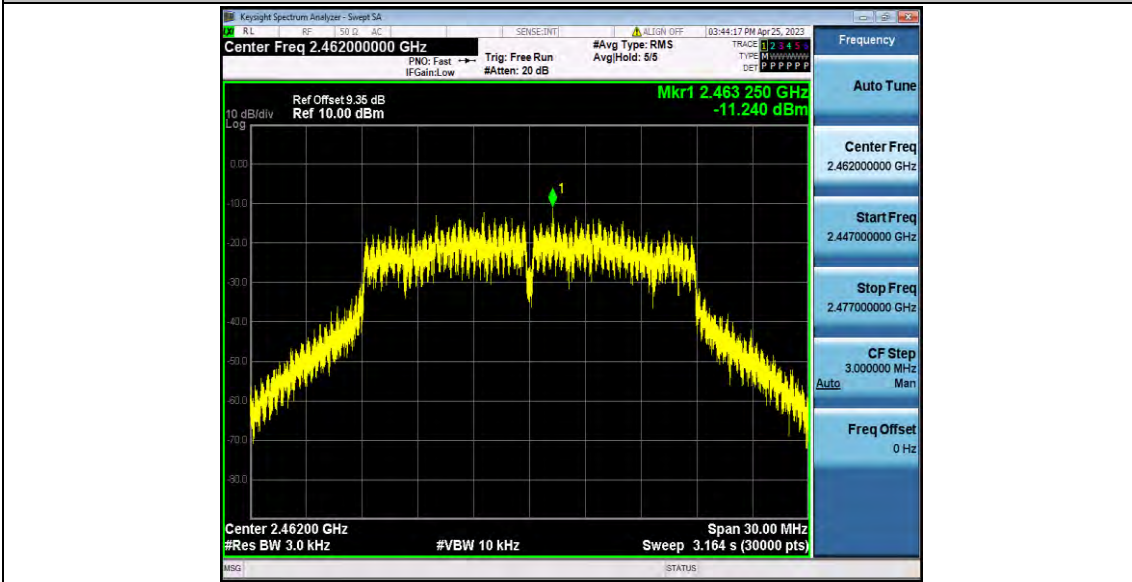
11G\_Ant2\_2462



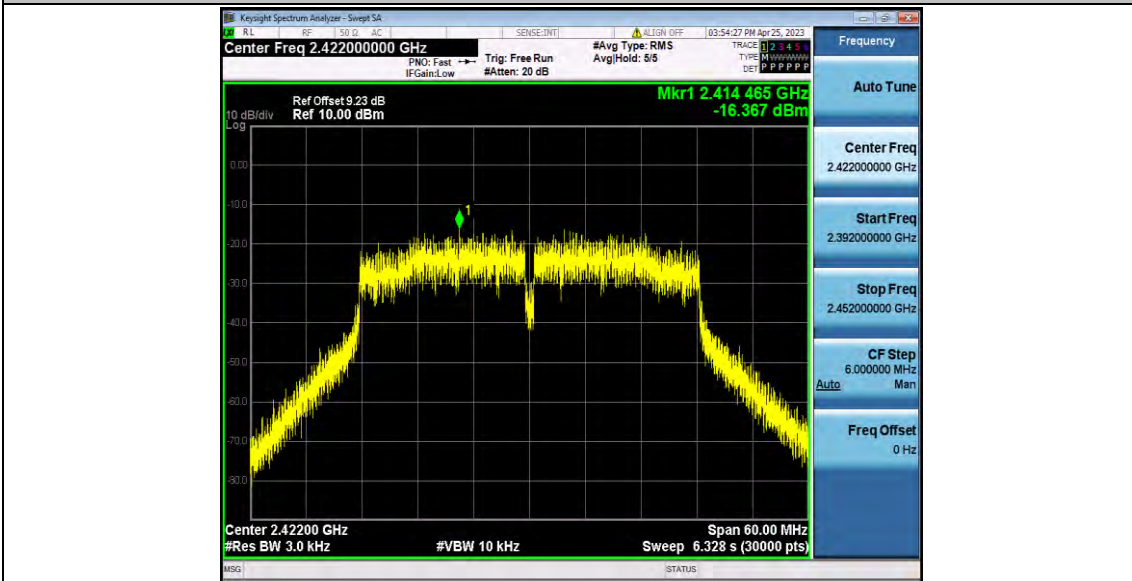
11N20SISO\_Ant2\_2412



11N20SISO\_Ant2\_2437

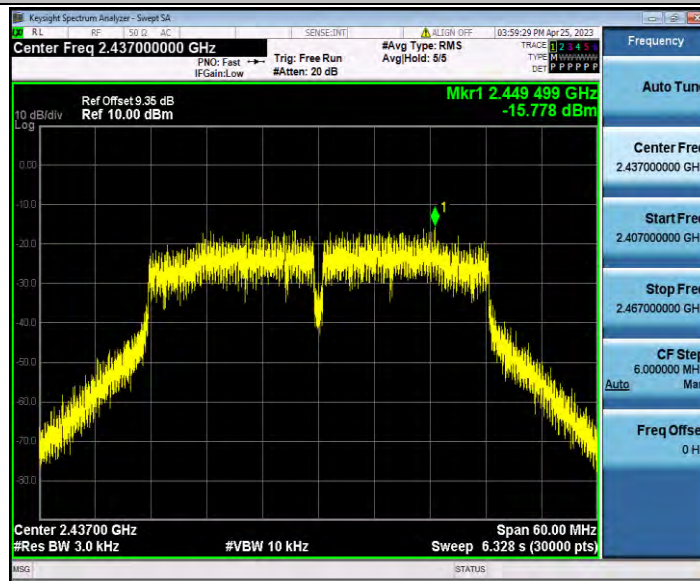


11N20SISO\_Ant2\_2462

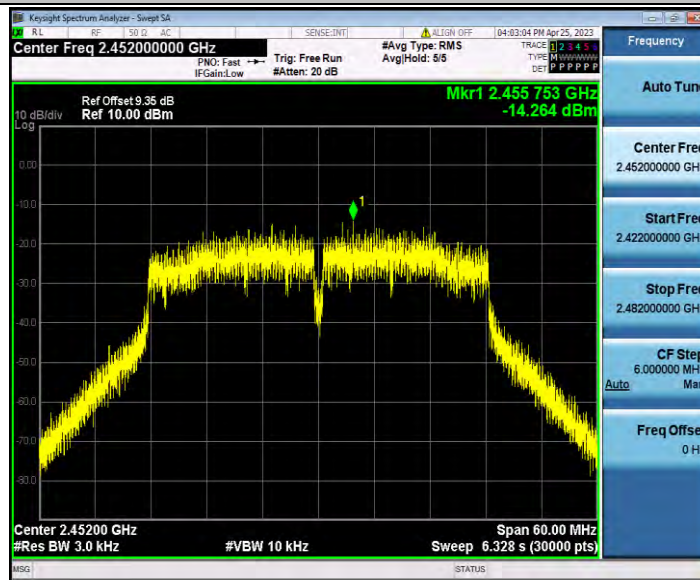




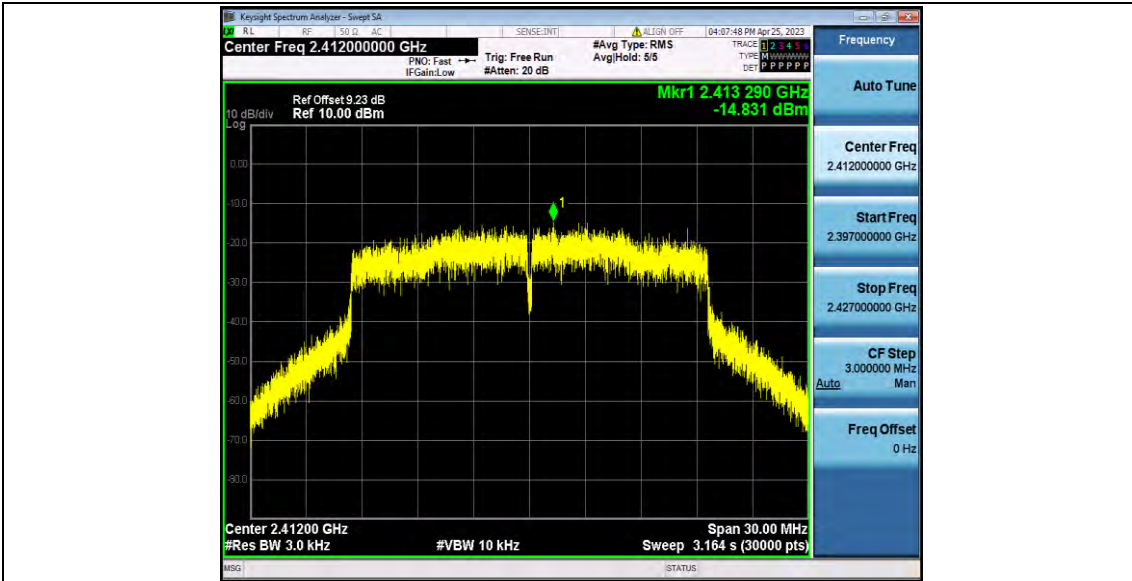
11N40SISO\_Ant2\_2422



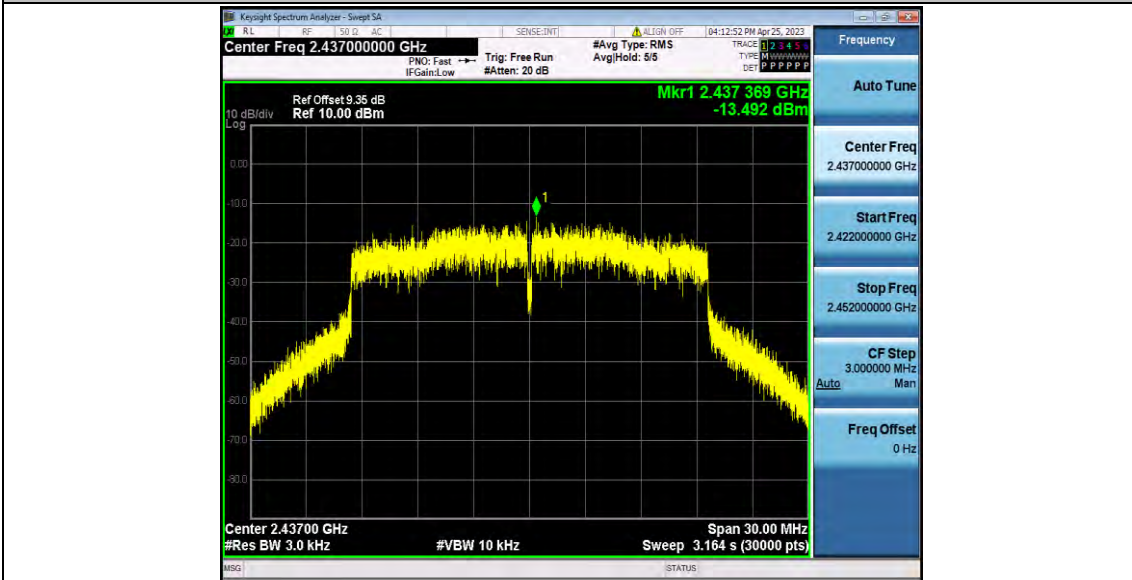
11N40SISO\_Ant2\_2437



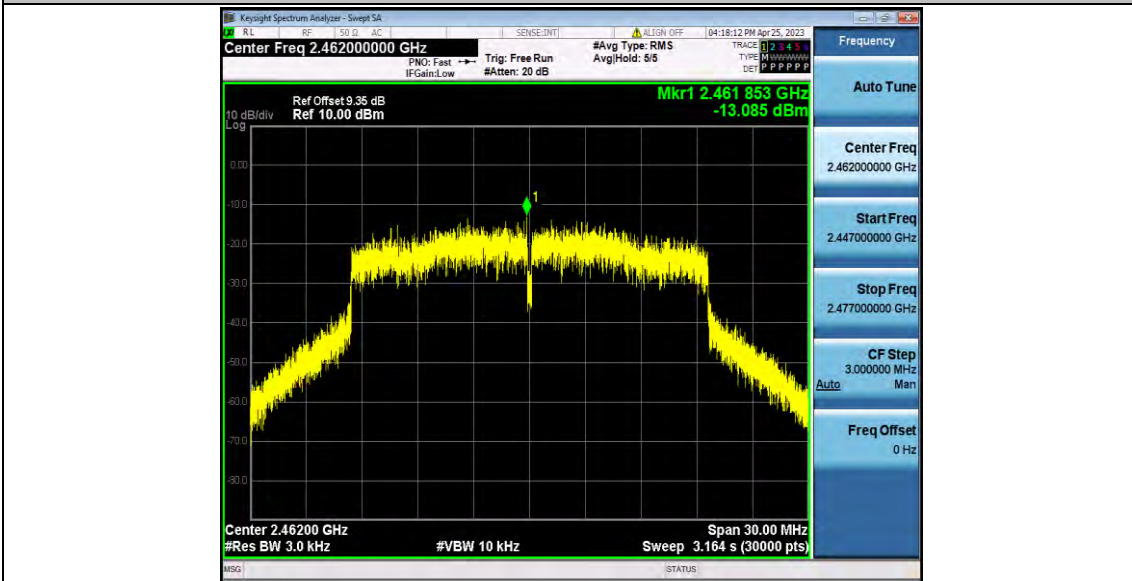
11N40SISO\_Ant2\_2452



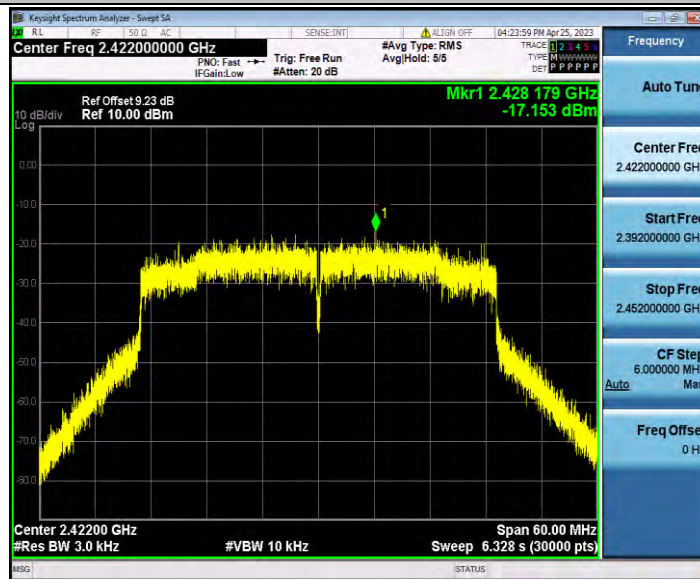
11AX20SISO\_Ant2\_2412



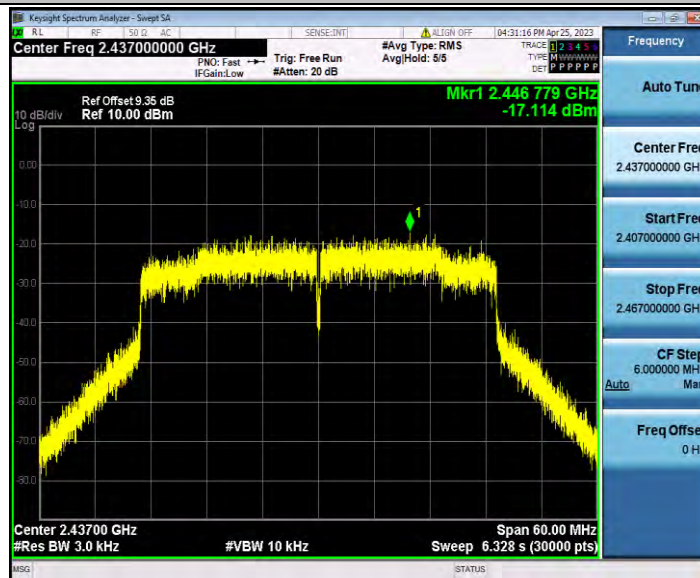
11AX20SISO\_Ant2\_2437



11AX20SISO\_Ant2\_2462



11AX40SISO\_Ant2\_2422



11AX40SISO\_Ant2\_2437

