

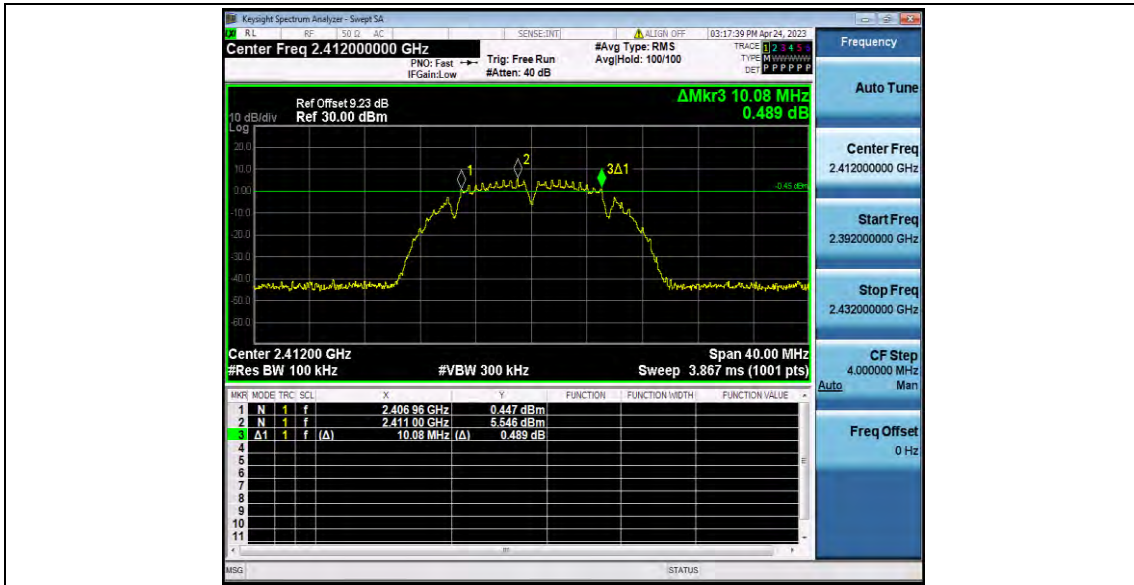
<b>Case No. :</b> <u>GTS20230321014-1-3</u>
<b>Ambient Condition:</b> <u>23</u> °C, <u>49</u> %RH, Atmos100.1Kpa,
<b>Test Date:</b> <u>2023.4.24</u> <b>Test Engineer:</b> <u>Jenny zeng</u>

## Appendix C.1: DTS Bandwidth

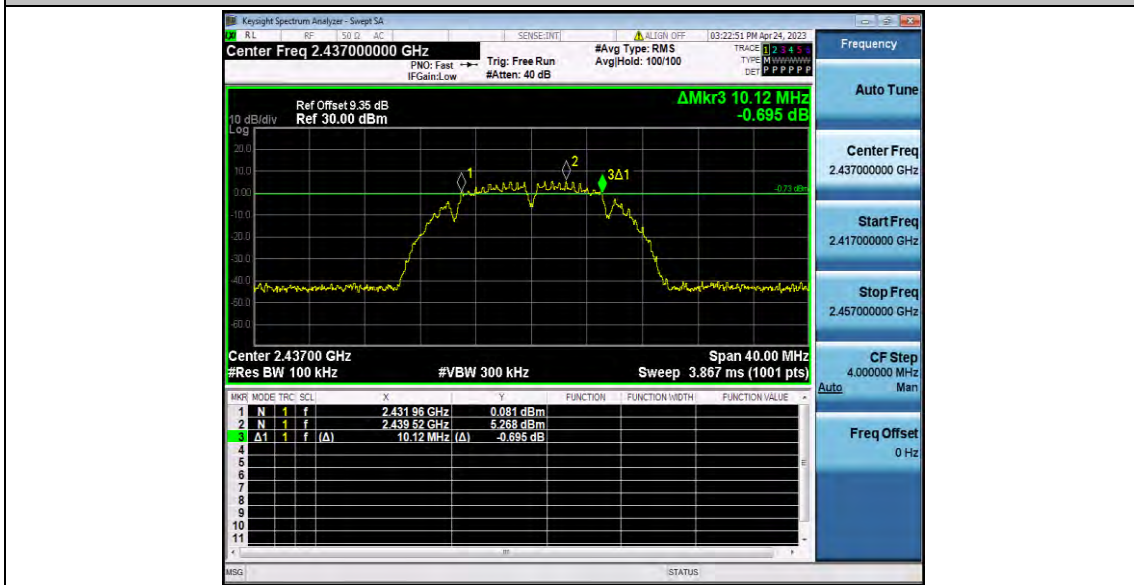
### Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.080	2406.960	2417.040	0.5	PASS
		2437	10.120	2431.960	2442.080	0.5	PASS
		2462	10.080	2456.960	2467.040	0.5	PASS
11G	Ant1	2412	11.720	2405.680	2417.400	0.5	PASS
		2437	15.120	2429.440	2444.560	0.5	PASS
		2462	15.080	2454.480	2469.560	0.5	PASS
11N20SISO	Ant1	2412	15.120	2404.440	2419.560	0.5	PASS
		2437	15.040	2429.520	2444.560	0.5	PASS
		2462	15.120	2454.440	2469.560	0.5	PASS
11N40SISO	Ant1	2422	35.120	2404.480	2439.600	0.5	PASS
		2437	35.040	2419.480	2454.520	0.5	PASS
		2452	35.040	2434.480	2469.520	0.5	PASS
11AX20SISO	Ant1	2412	16.240	2403.320	2419.560	0.5	PASS
		2437	16.400	2429.440	2445.840	0.5	PASS
		2462	15.440	2454.440	2469.880	0.5	PASS
11AX40SISO	Ant1	2422	35.520	2404.480	2440.000	0.5	PASS
		2437	35.040	2419.480	2454.520	0.5	PASS
		2452	35.040	2434.480	2469.520	0.5	PASS

## Test Graphs



11B\_Ant1\_2412



11B\_Ant1\_2437



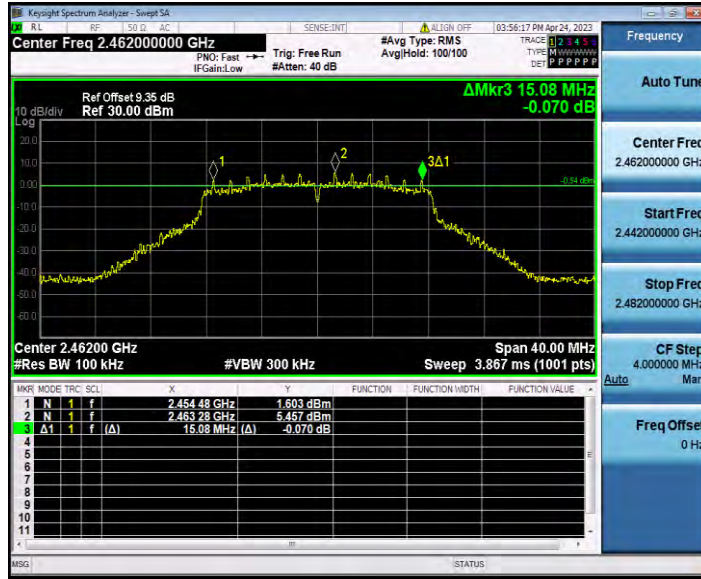
11B\_Ant1\_2462



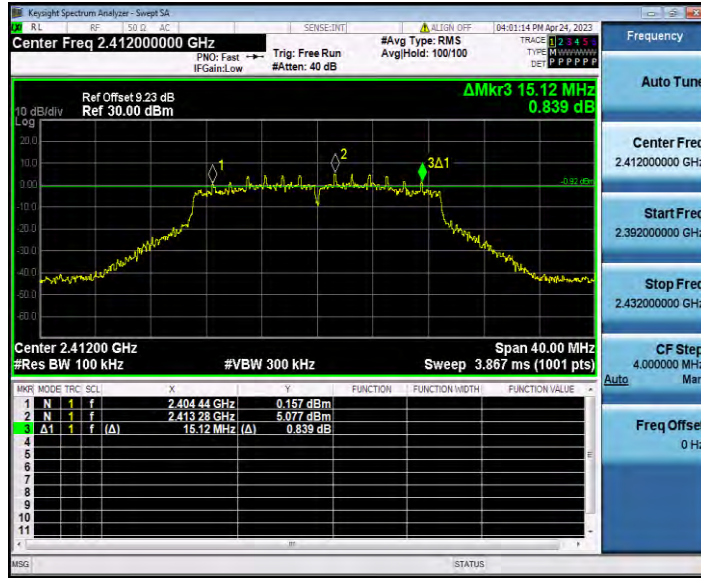
11G\_Ant1\_2412



11G\_Ant1\_2437

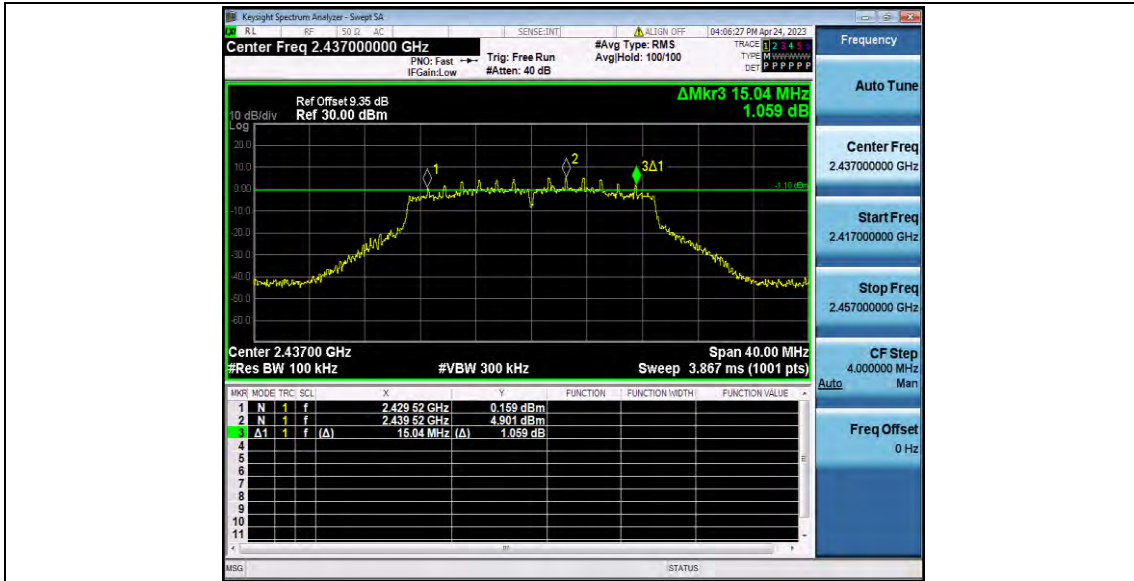


11G\_Ant1\_2462

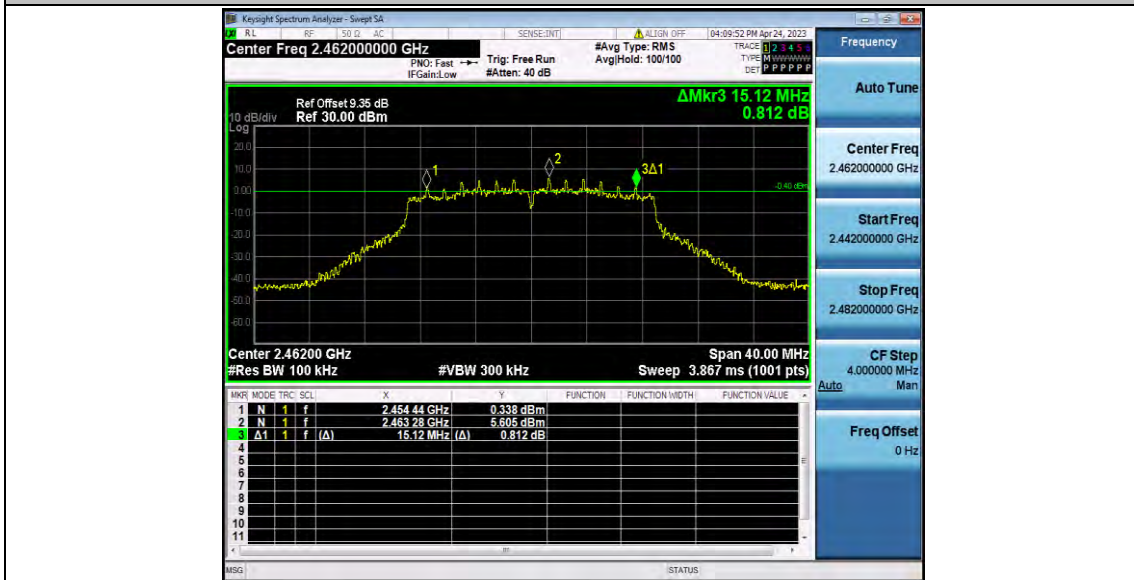


11N20SISO\_Ant1\_2412

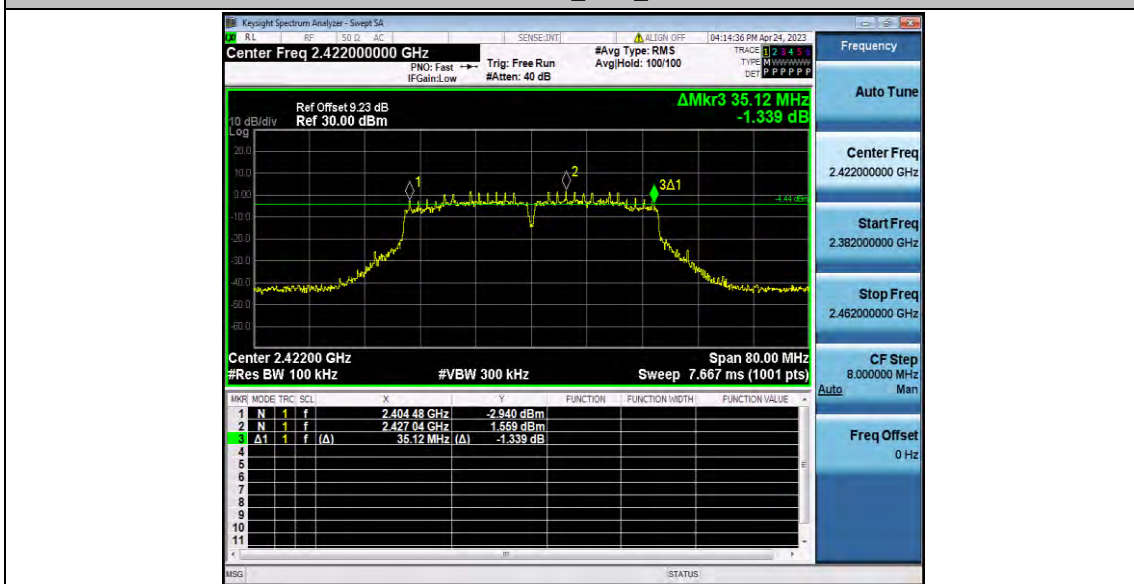




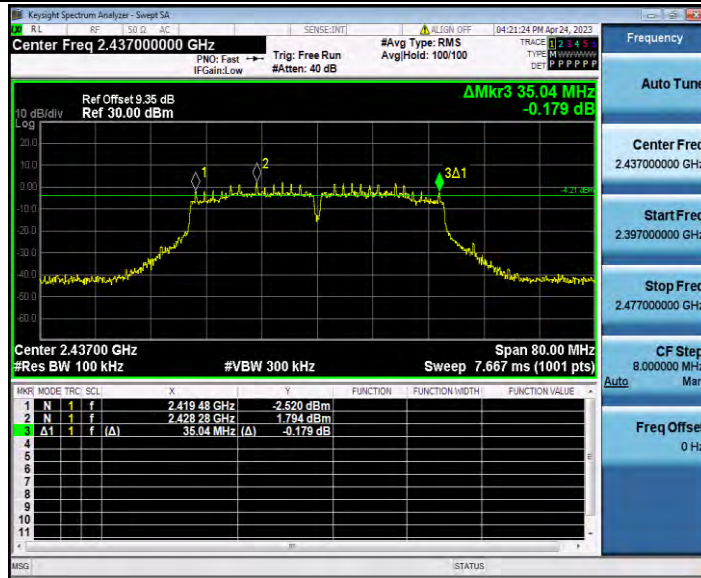
11N20SISO\_Ant1\_2437



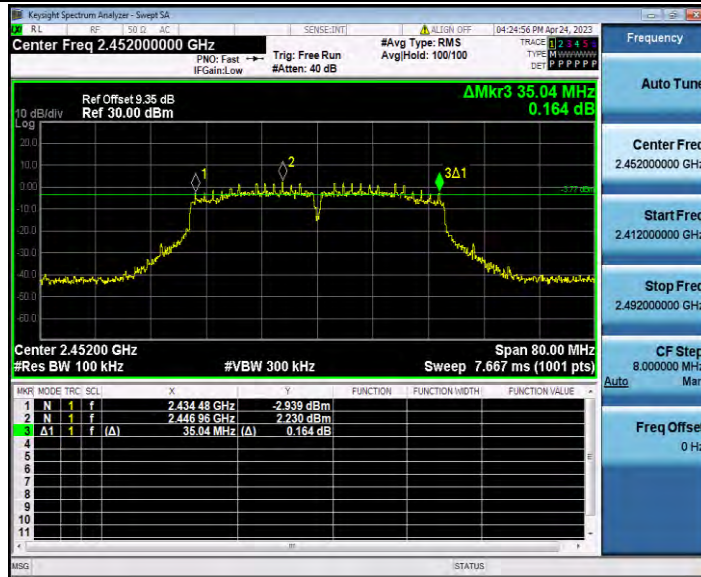
11N20SISO\_Ant1\_2462



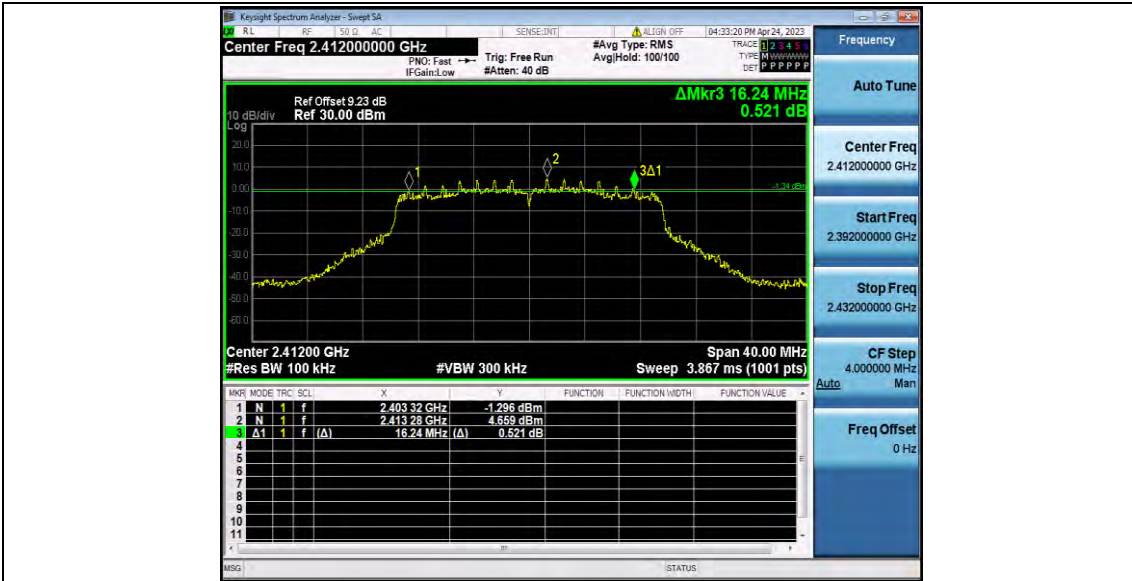
11N40SISO\_Ant1\_2422



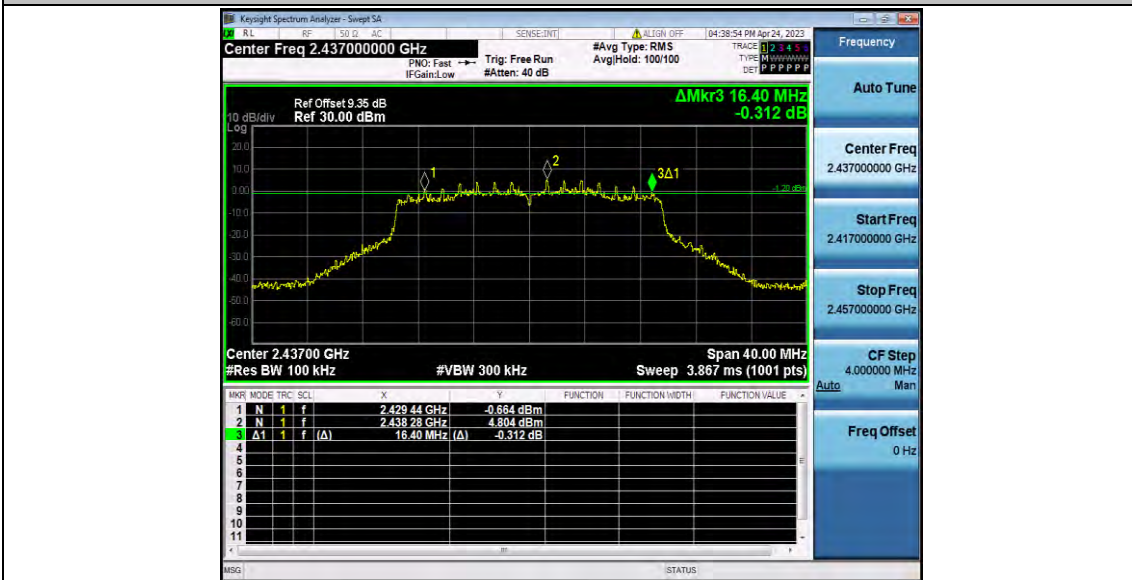
11N40SISO\_Ant1\_2437



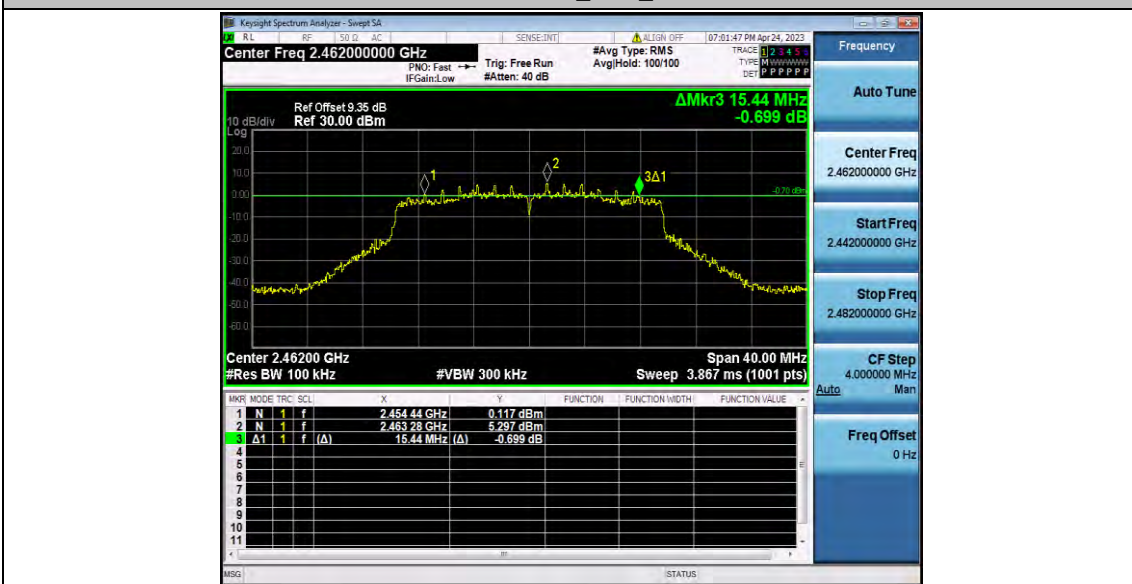
11N40SISO\_Ant1\_2452



11AX20SISO\_Ant1\_2412

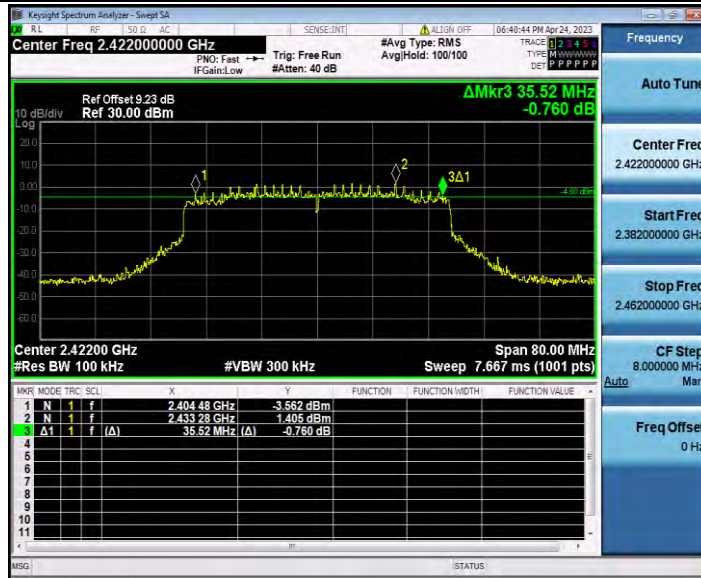


11AX20SISO\_Ant1\_2437

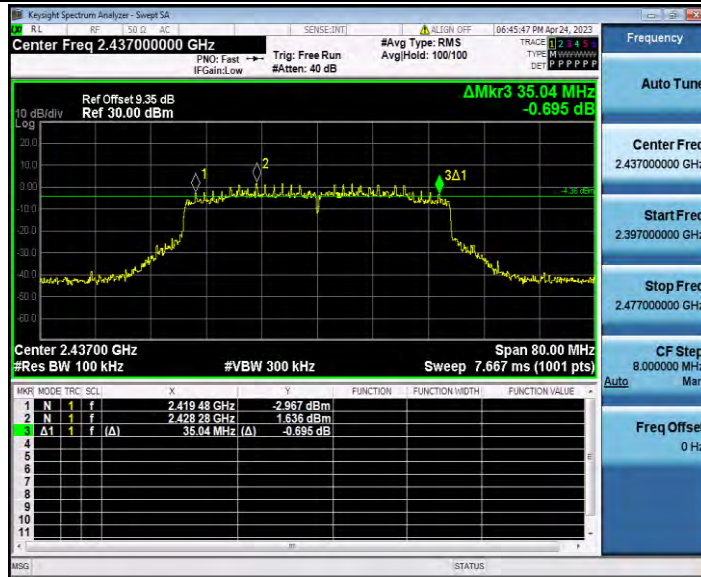




11AX20SISO\_Ant1\_2462

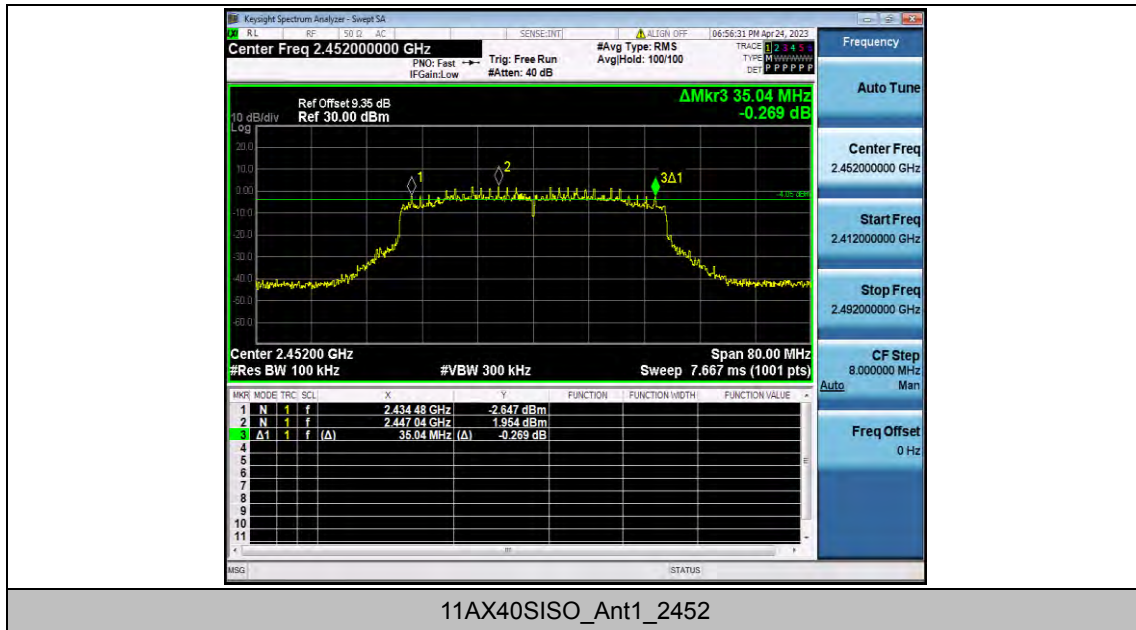


11AX40SISO\_Ant1\_2422



11AX40SISO\_Ant1\_2437





11AX40SISO\_Ant1\_2452

## Appendix C.2: Occupied Channel Bandwidth

### Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.497	2405.252	2418.749	---	---
		2437	13.492	2430.336	2443.828	---	---
		2462	13.425	2455.309	2468.734	---	---
11G	Ant1	2412	16.886	2403.579	2420.465	---	---
		2437	16.885	2428.614	2445.499	---	---
		2462	16.882	2453.625	2470.507	---	---
11N20SISO	Ant1	2412	17.871	2403.052	2420.923	---	---
		2437	17.891	2428.118	2446.009	---	---
		2462	17.845	2453.113	2470.958	---	---
11N40SISO	Ant1	2422	36.119	2404.006	2440.125	---	---
		2437	36.143	2418.954	2455.097	---	---
		2452	35.992	2434.038	2470.030	---	---
11AX20SISO	Ant1	2412	18.960	2402.522	2421.482	---	---
		2437	18.917	2427.608	2446.525	---	---
		2462	18.933	2452.566	2471.499	---	---
11AX40SISO	Ant1	2422	37.638	2403.262	2440.900	---	---
		2437	37.613	2418.287	2455.900	---	---
		2452	37.400	2433.360	2470.760	---	---

## Test Graphs



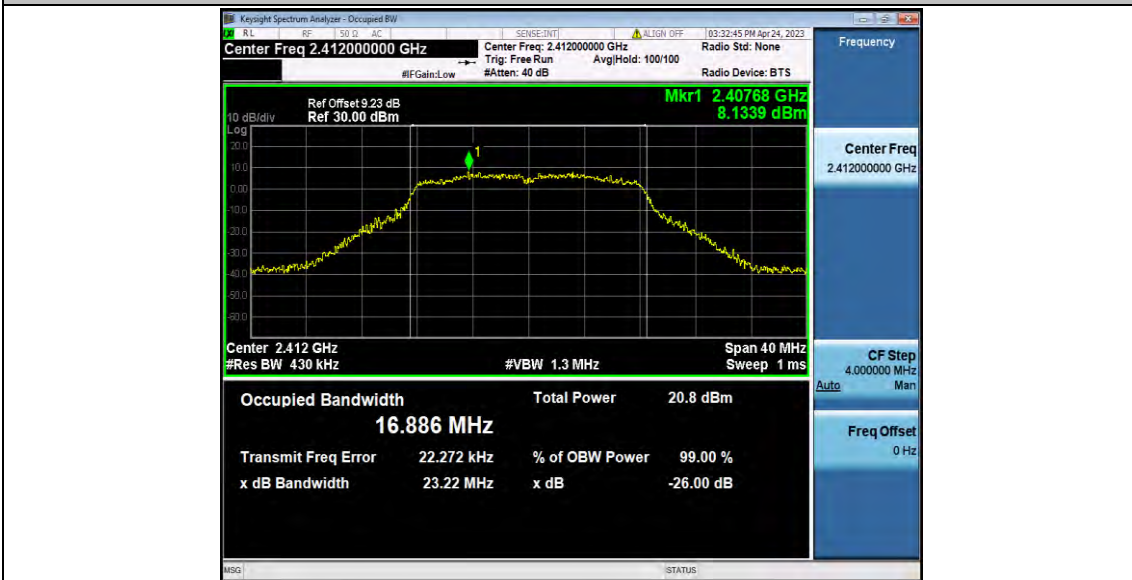
11B\_Ant1\_2412



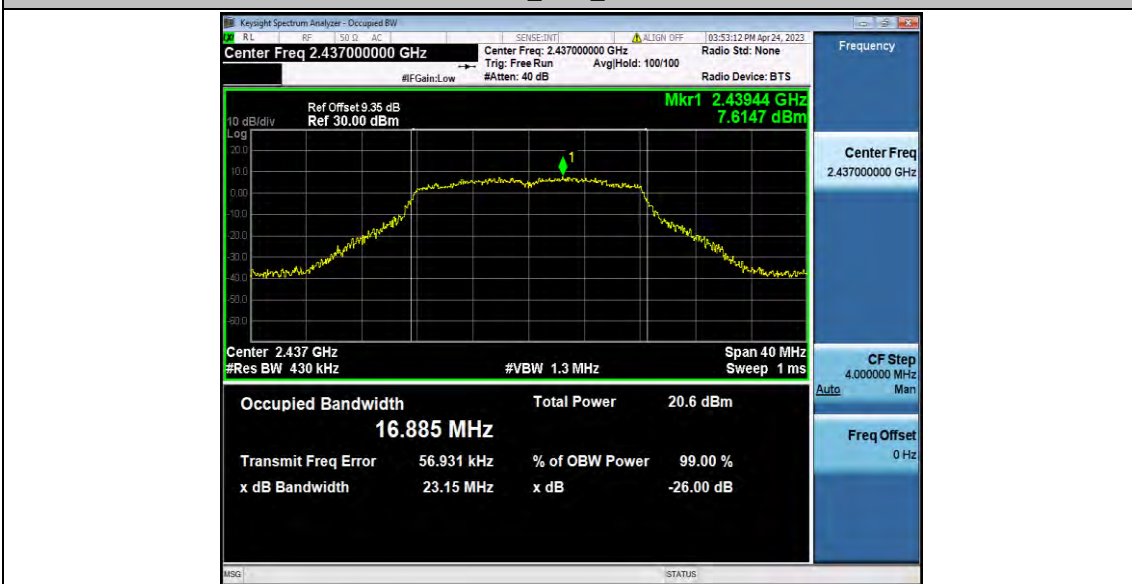
11B\_Ant1\_2437



11B\_Ant1\_2462

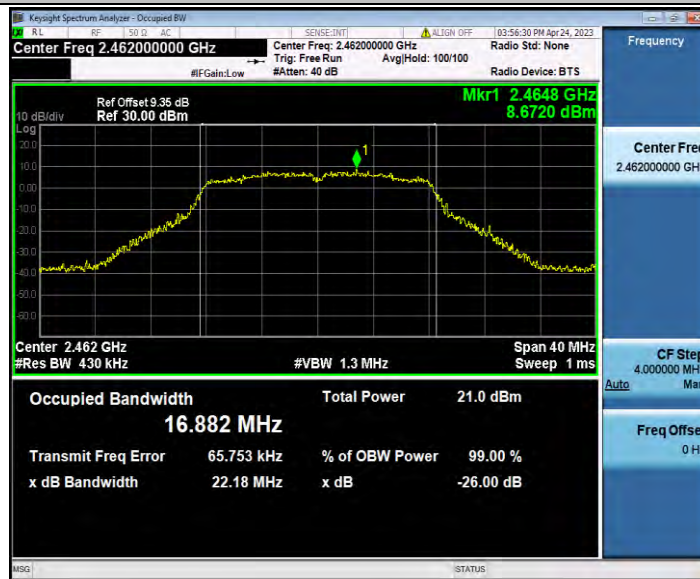


11G\_Ant1\_2412

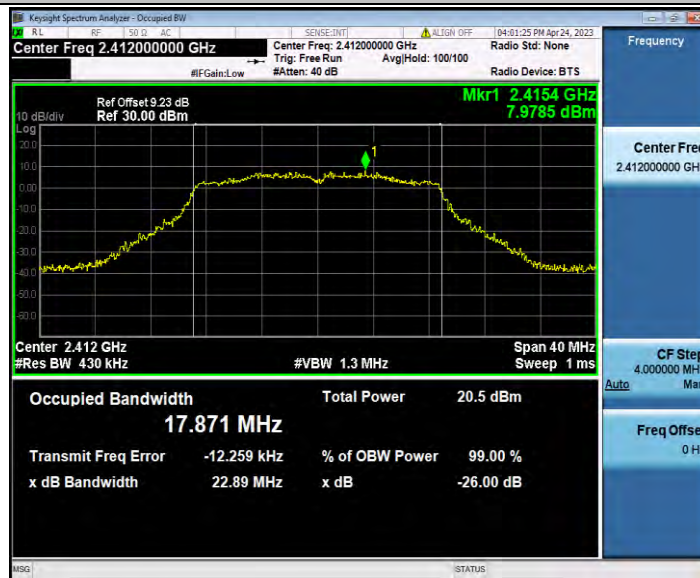




11G\_Ant1\_2437



11G\_Ant1\_2462



11N20SISO\_Ant1\_2412



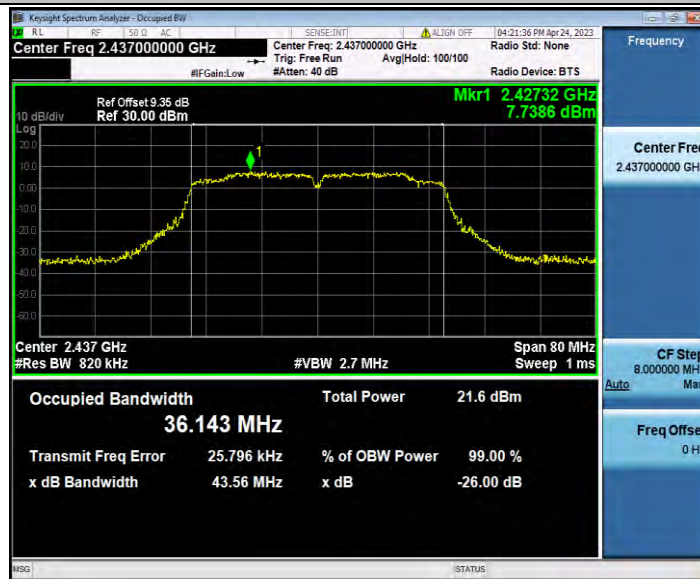
11N20SISO\_Ant1\_2437



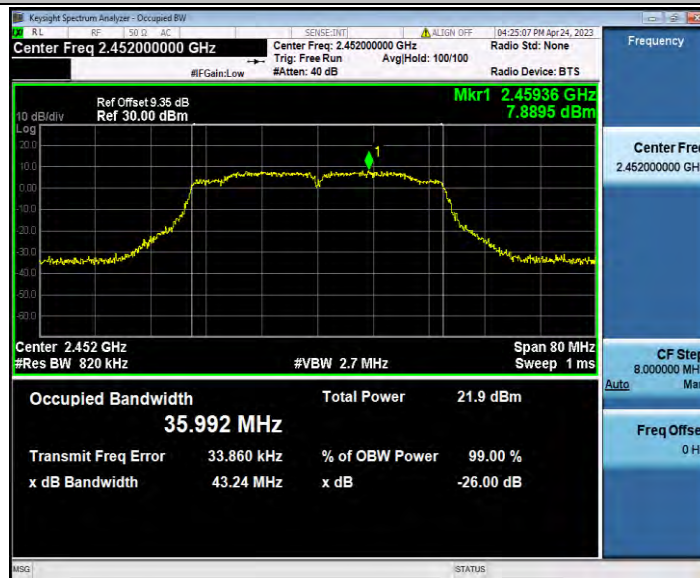
11N20SISO\_Ant1\_2462



11N40SISO\_Ant1\_2422



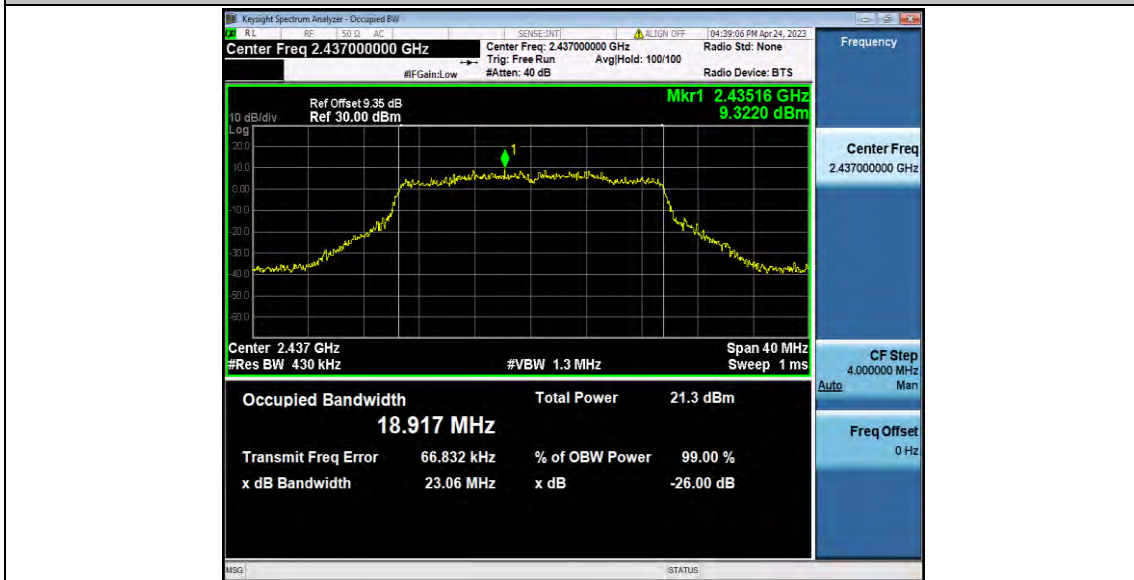
11N40SISO\_Ant1\_2437



11N40SISO\_Ant1\_2452



11AX20SISO\_Ant1\_2412

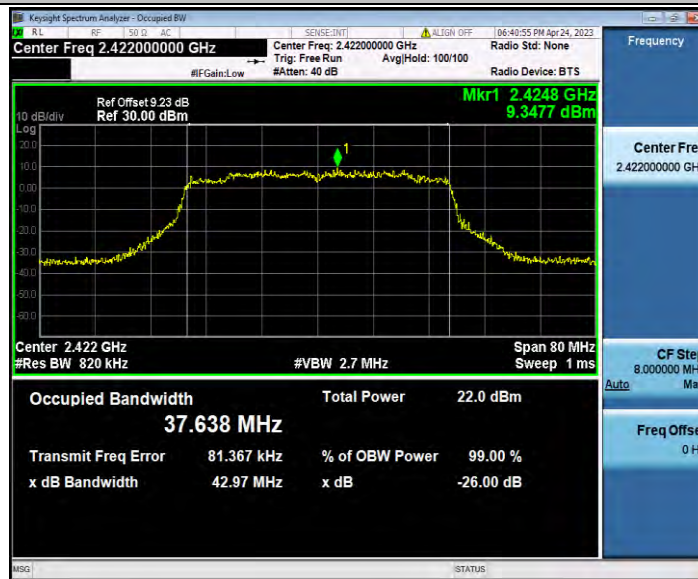


11AX20SISO\_Ant1\_2437

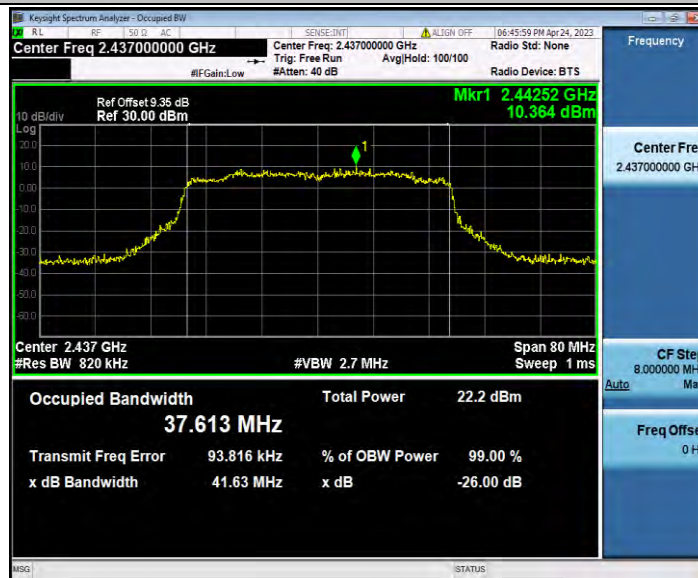




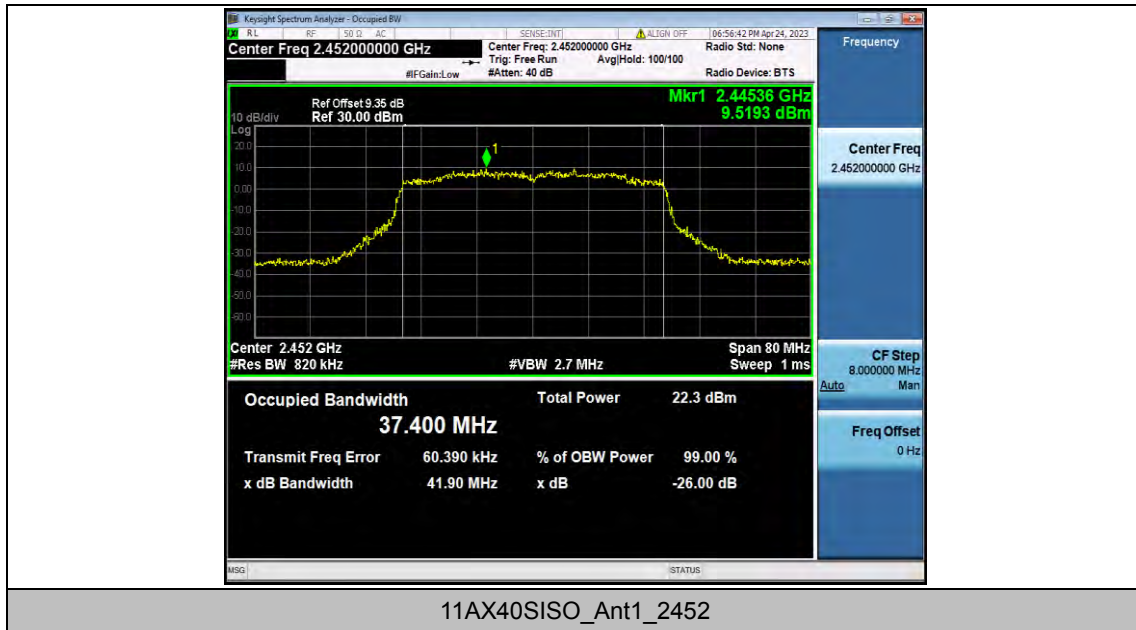
11AX20SISO\_Ant1\_2462



11AX40SISO\_Ant1\_2422



11AX40SISO\_Ant1\_2437



## Appendix C.3: Maximum conducted output power

### Test Result Peak

TestMode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	17.82	≤30.00	PASS
		2437	17.79	≤30.00	PASS
		2462	18.28	≤30.00	PASS
11G	Ant1	2412	21.76	≤30.00	PASS
		2437	21.72	≤30.00	PASS
		2462	22.03	≤30.00	PASS
11N20SISO	Ant1	2412	21.59	≤30.00	PASS
		2437	21.48	≤30.00	PASS
		2462	21.86	≤30.00	PASS
11N40SISO	Ant1	2422	21.65	≤30.00	PASS
		2437	21.84	≤30.00	PASS
		2452	22.17	≤30.00	PASS
11AX20SISO	Ant1	2412	21.95	≤30.00	PASS
		2437	22.05	≤30.00	PASS
		2462	22.54	≤30.00	PASS
11AX40SISO	Ant1	2422	22.05	≤30.00	PASS
		2437	22.29	≤30.00	PASS
		2452	22.51	≤30.00	PASS

## Appendix C.4: Maximum power spectral density

### Test Result

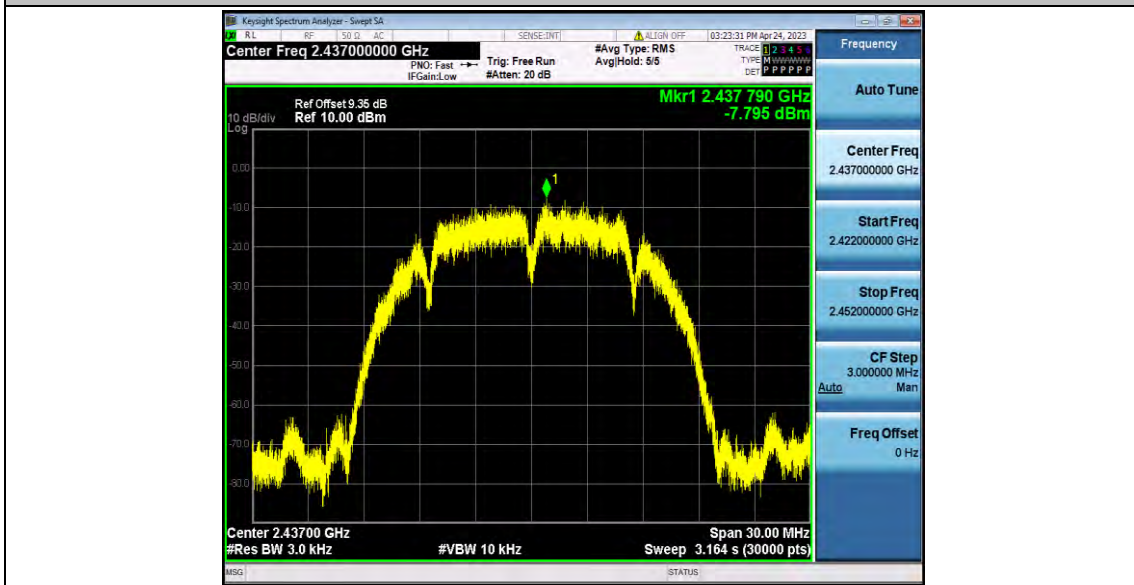
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-8.64	≤8.00	PASS
		2437	-7.8	≤8.00	PASS
		2462	-8.44	≤8.00	PASS
11G	Ant1	2412	-9.04	≤8.00	PASS
		2437	-9.9	≤8.00	PASS
		2462	-10.26	≤8.00	PASS
11N20SISO	Ant1	2412	-10.71	≤8.00	PASS
		2437	-10.25	≤8.00	PASS
		2462	-10.85	≤8.00	PASS
11N40SISO	Ant1	2422	-13.42	≤8.00	PASS
		2437	-13.2	≤8.00	PASS
		2452	-13.28	≤8.00	PASS
11AX20SISO	Ant1	2412	-11.75	≤8.00	PASS
		2437	-11.62	≤8.00	PASS
		2462	-10.95	≤8.00	PASS
11AX40SISO	Ant1	2422	-13.98	≤8.00	PASS
		2437	-14.11	≤8.00	PASS
		2452	-13.75	≤8.00	PASS



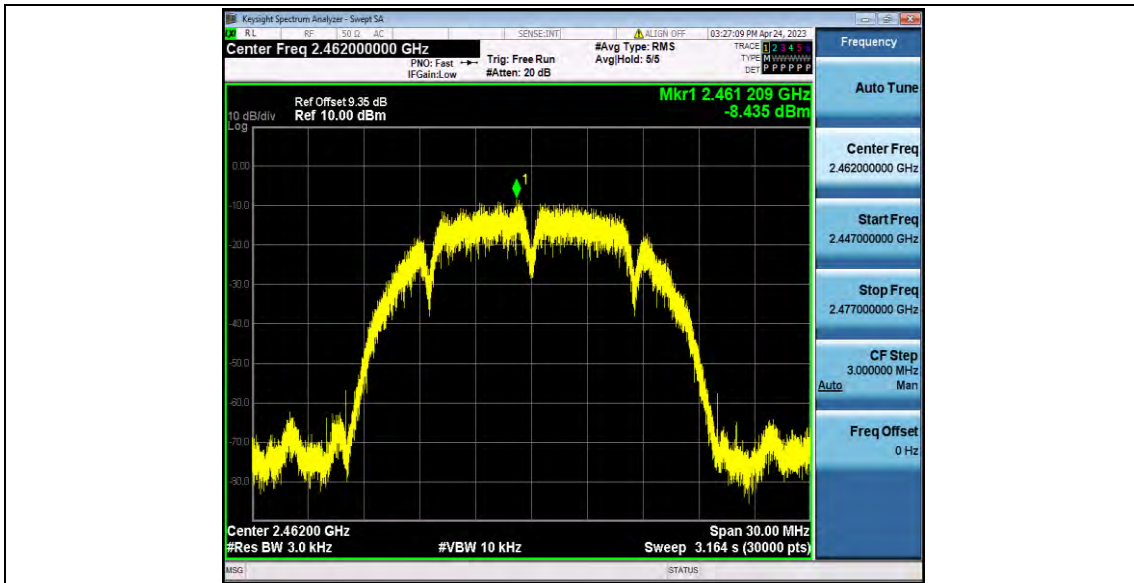
## Test Graphs



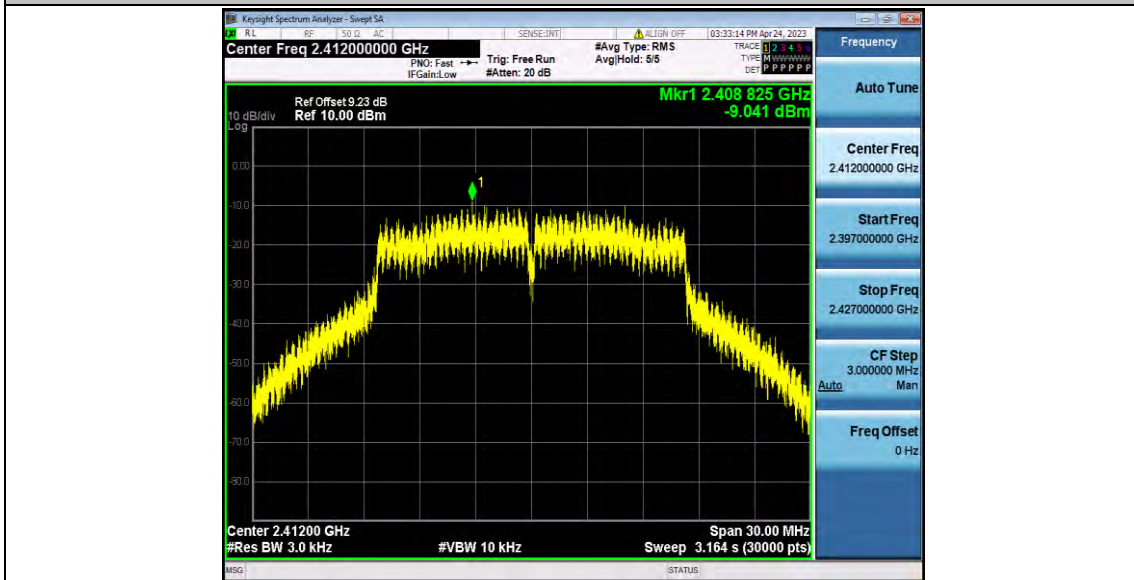
11B\_Ant1\_2412



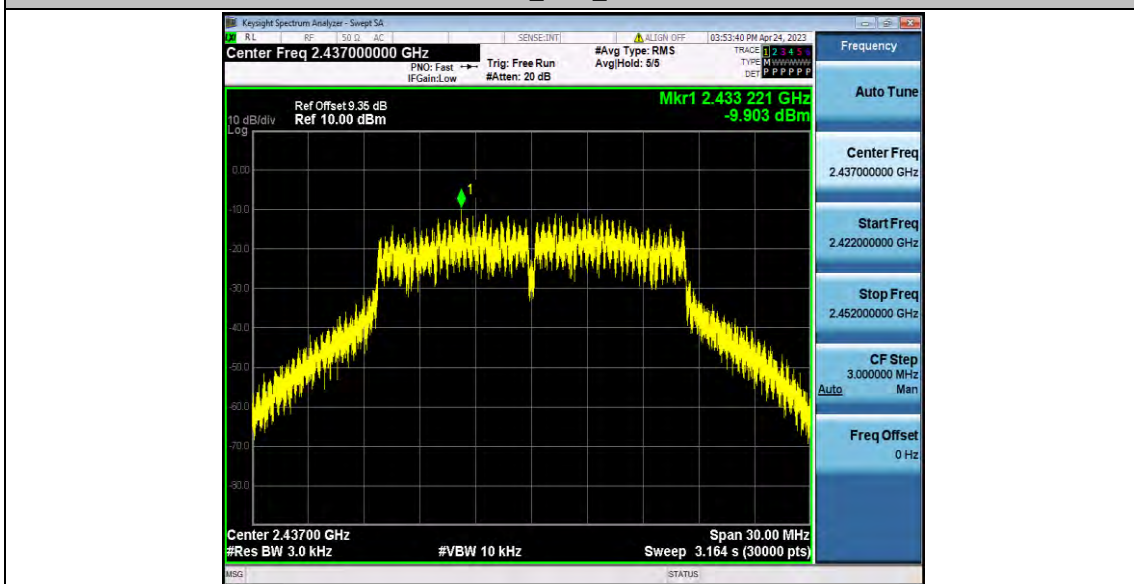
11B\_Ant1\_2437



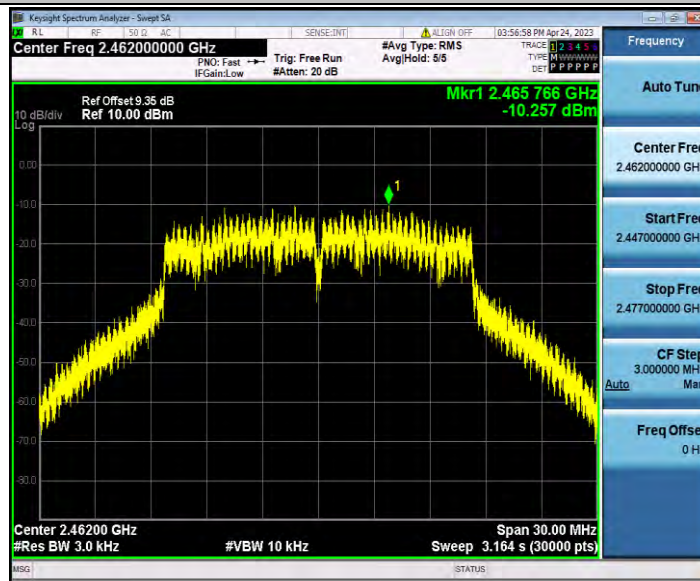
11B\_Ant1\_2462



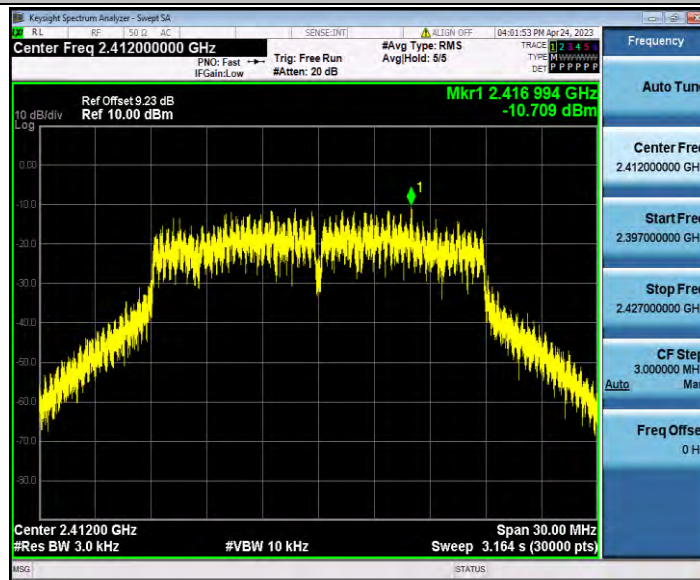
11G\_Ant1\_2412



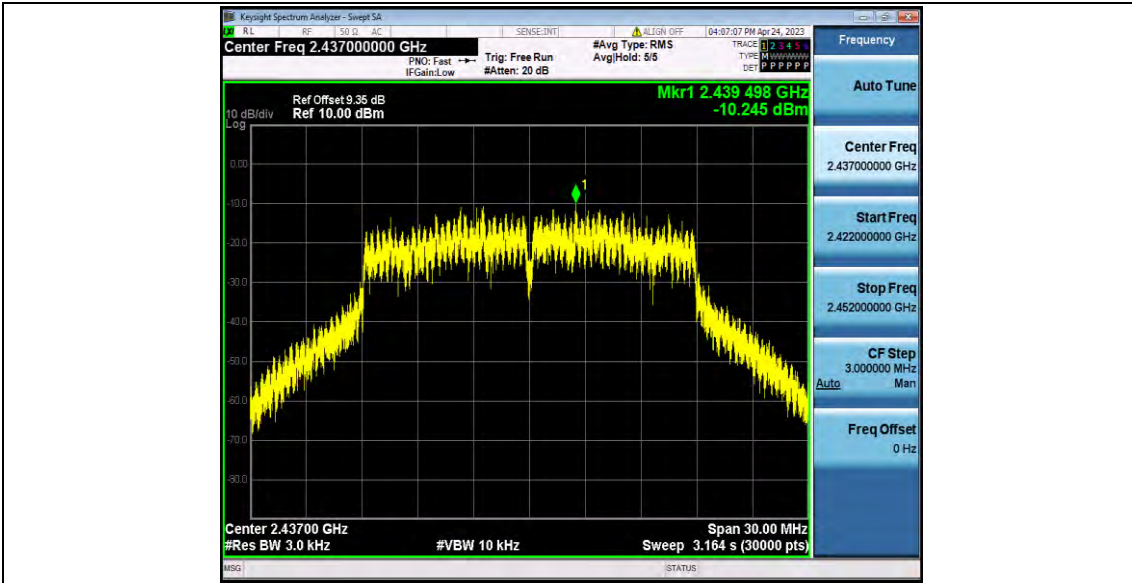
11G\_Ant1\_2437



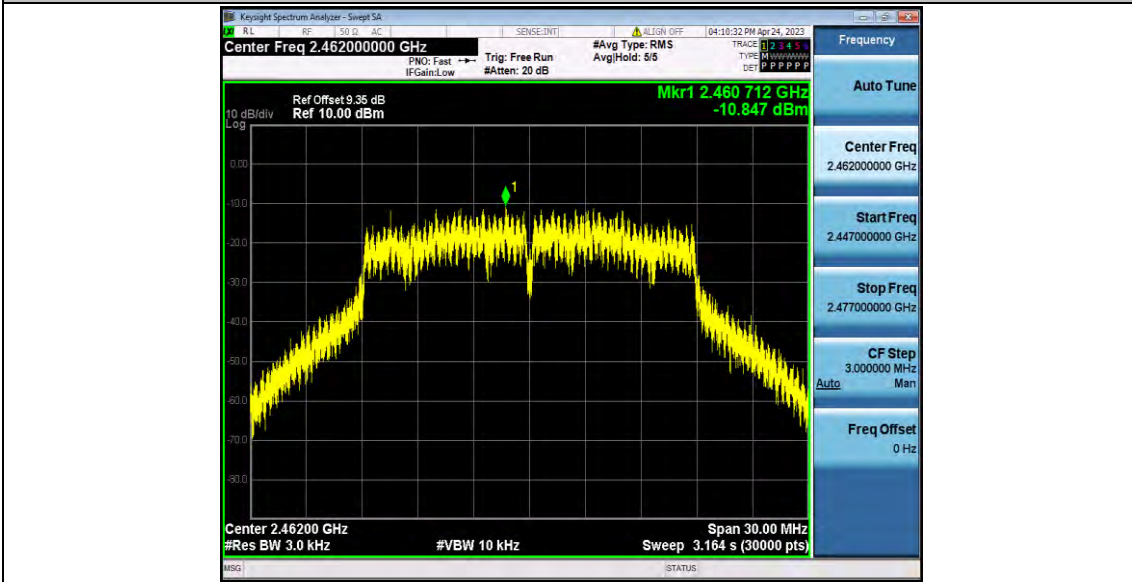
11G\_Ant1\_2462



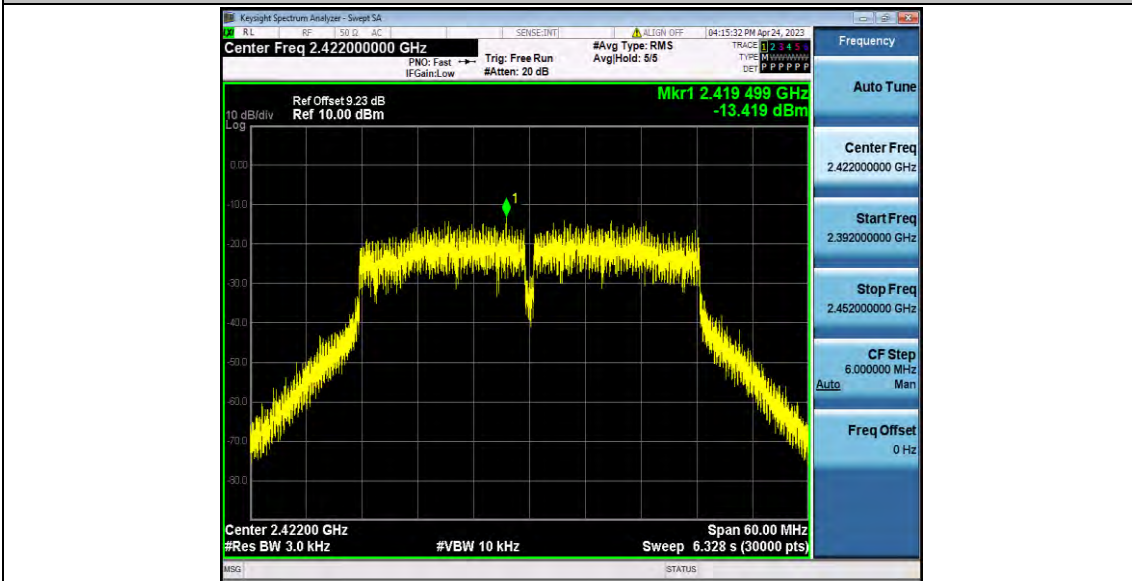
11N20SISO\_Ant1\_2412



11N20SISO\_Ant1\_2437

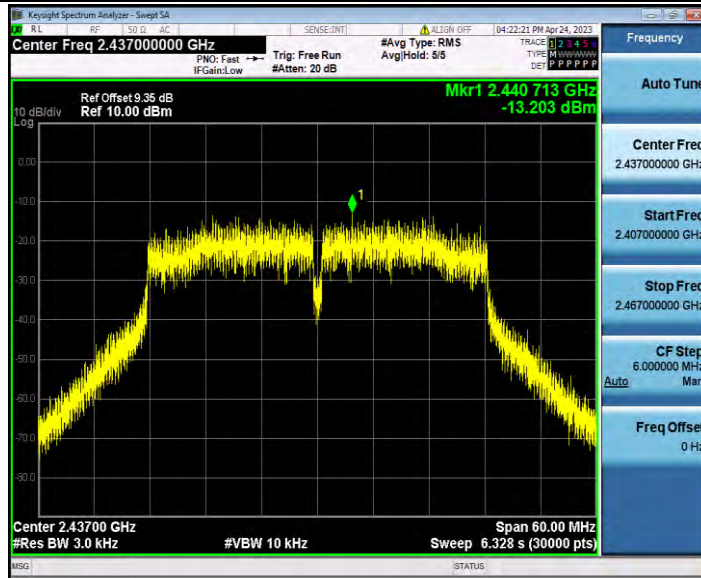


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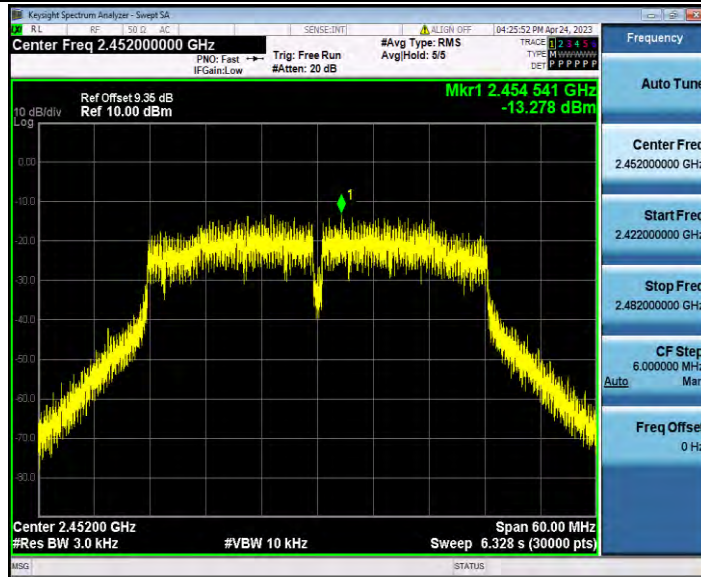




11N40SISO\_Ant1\_2422

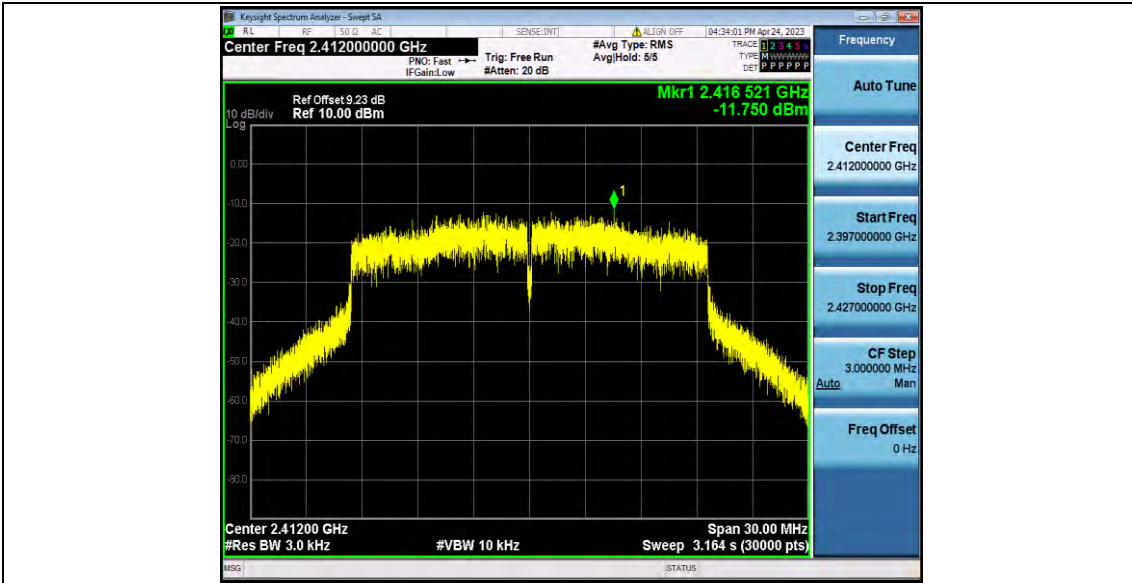


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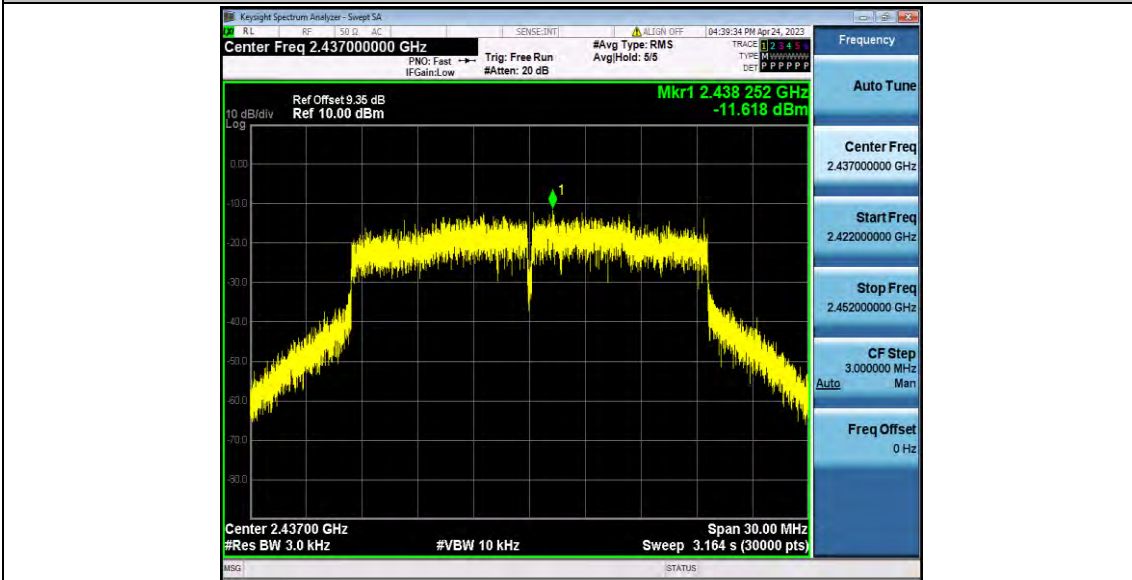


11N40SISO\_Ant1\_2452

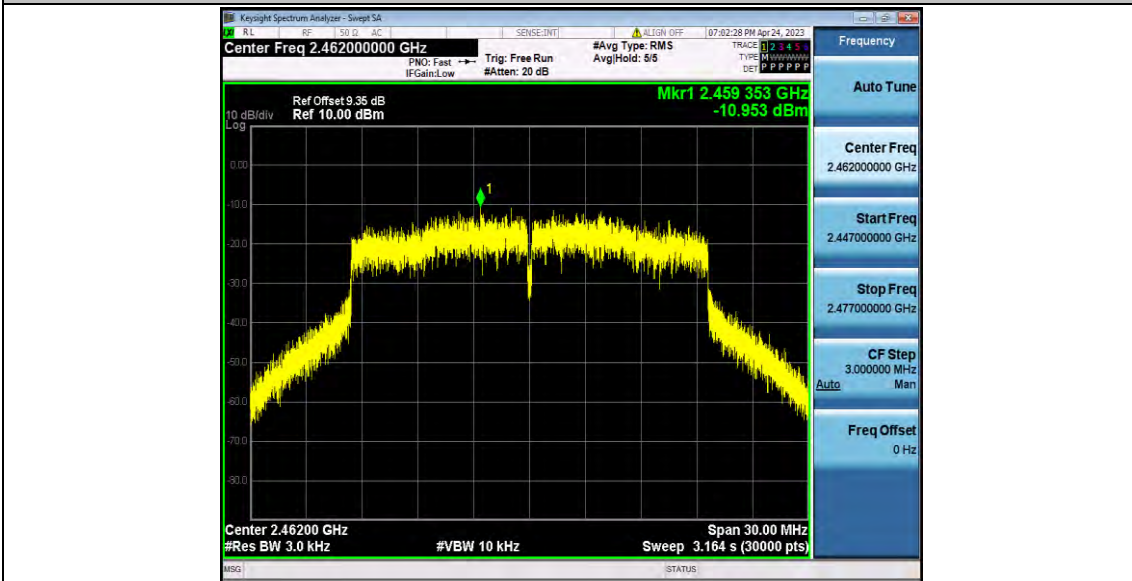




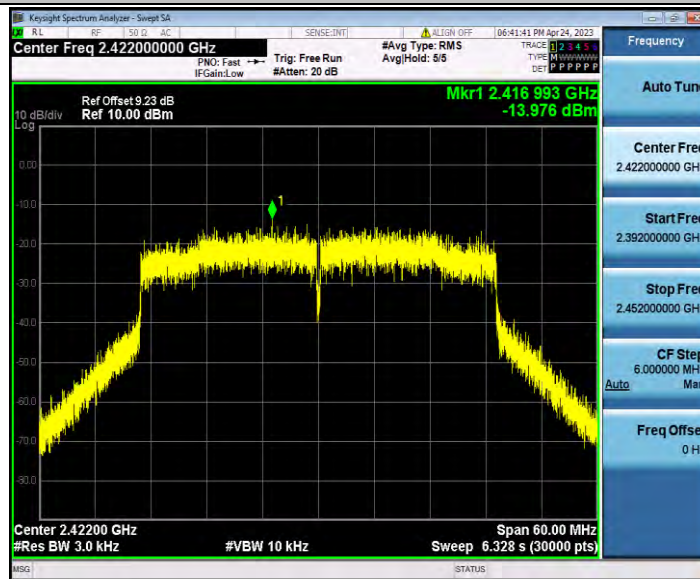
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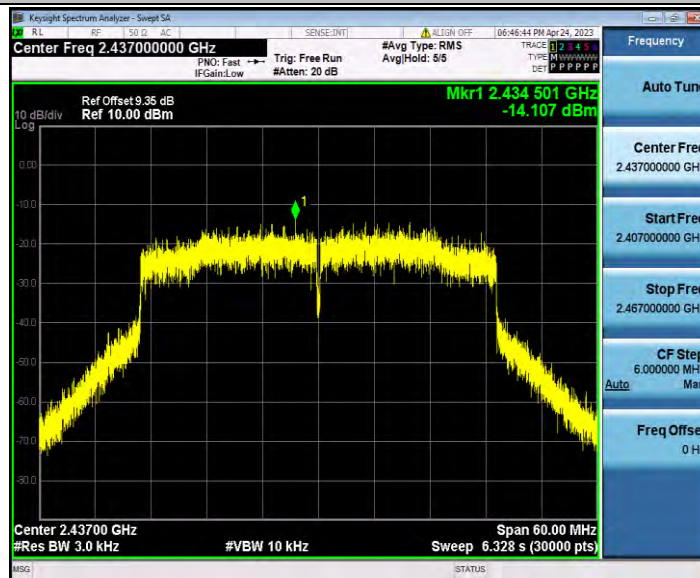
11AX20SISO\_Ant1\_2437



11AX20SISO\_Ant1\_2462



11AX40SISO\_Ant1\_2422



11AX40SISO\_Ant1\_2437

