

Case No. : <u>GTS20221010004-1-4</u>	
Ambient Condition: <u>26</u> °C, <u>47</u> %RH, Atmos100.1Kpa,	
Test Date: <u>2022.10.19</u>	Test Engineer: <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	Ant0	2412	8.000	2408.000	2416.000	0.5	PASS
		2437	7.560	2433.440	2441.000	0.5	PASS
		2462	8.040	2458.000	2466.040	0.5	PASS
11G	Ant0	2412	15.200	2404.720	2419.920	0.5	PASS
		2437	16.280	2428.840	2445.120	0.5	PASS
		2462	15.480	2454.440	2469.920	0.5	PASS
11N20SISO	Ant0	2412	15.080	2404.480	2419.560	0.5	PASS
		2437	15.920	2429.480	2445.400	0.5	PASS
		2462	16.920	2453.600	2470.520	0.5	PASS
11N40SISO	Ant0	2422	35.040	2404.480	2439.520	0.5	PASS
		2437	33.840	2420.680	2454.520	0.5	PASS
		2452	32.560	2436.960	2469.520	0.5	PASS
11AX20SISO	Ant0	2412	15.080	2404.480	2419.560	0.5	PASS
		2437	16.080	2428.480	2444.560	0.5	PASS
		2462	16.920	2453.280	2470.200	0.5	PASS
11AX40SISO	Ant0	2422	35.920	2404.400	2440.320	0.5	PASS
		2437	35.760	2419.480	2455.240	0.5	PASS
		2452	35.040	2434.480	2469.520	0.5	PASS

Test Graphs

11B_Ant0_2412



11B_Ant0_2437



11B_Ant0_2462



11G_Ant0_2412



11G_Ant0_2437



11G_Ant0_2462



11N20SISO_Ant0_2412



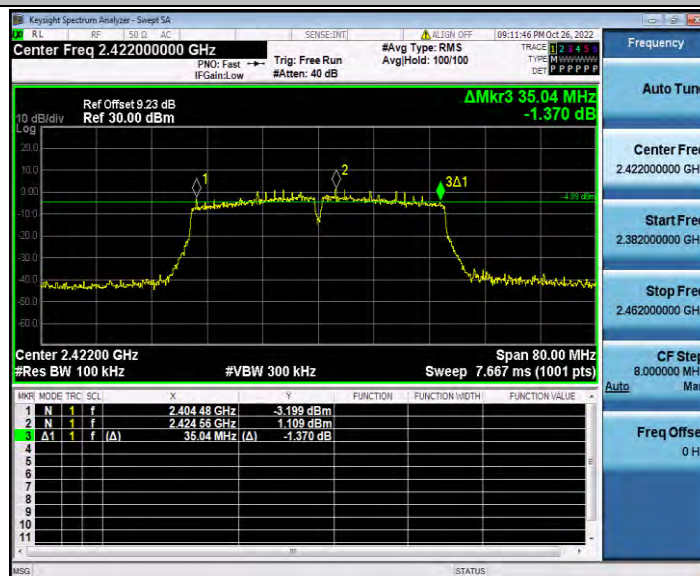
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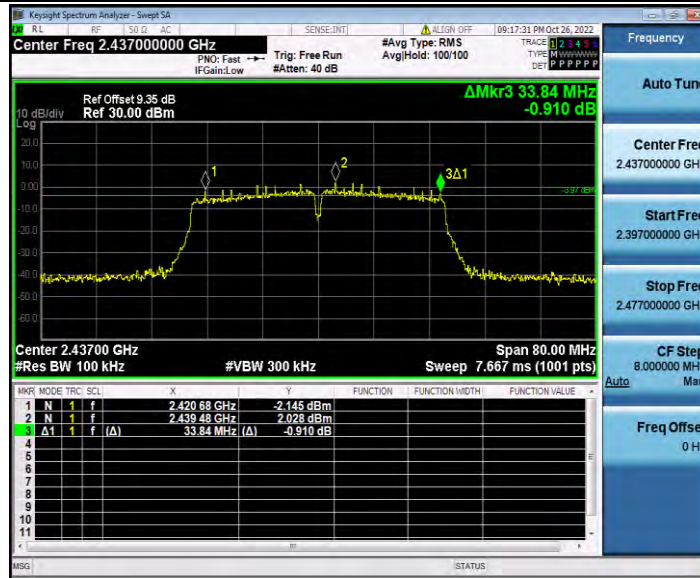
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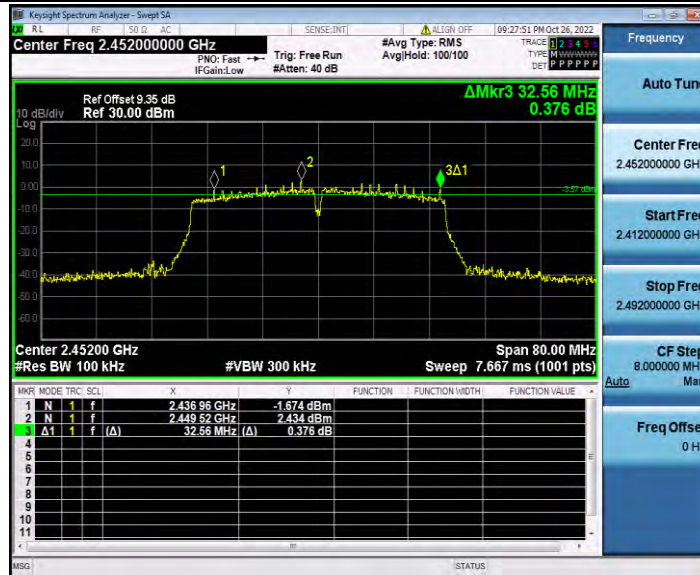
11N40SISO_Ant0_2422



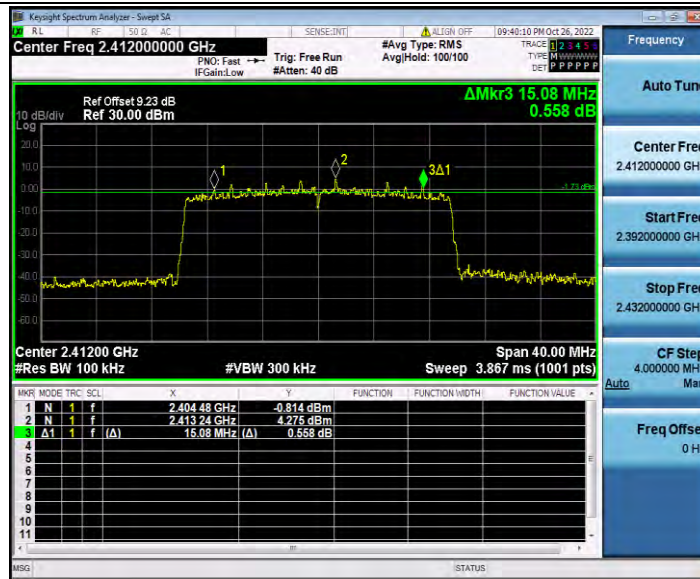
11N40SISO_Ant0_2437



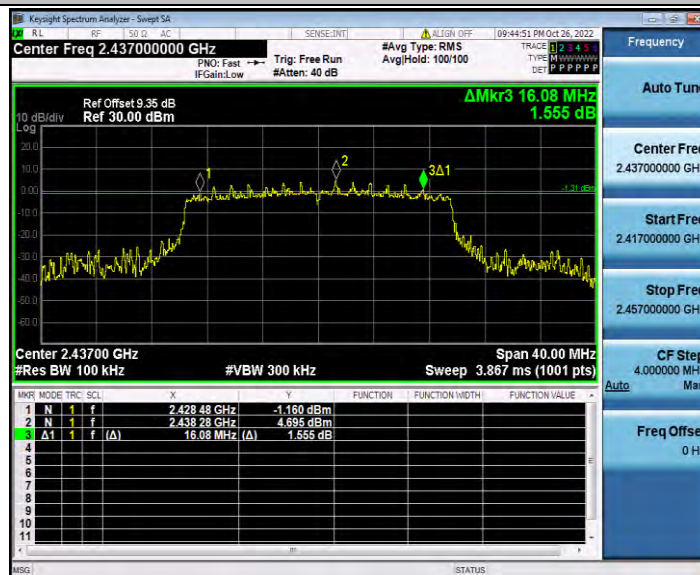
11N40SISO_Ant0_2452



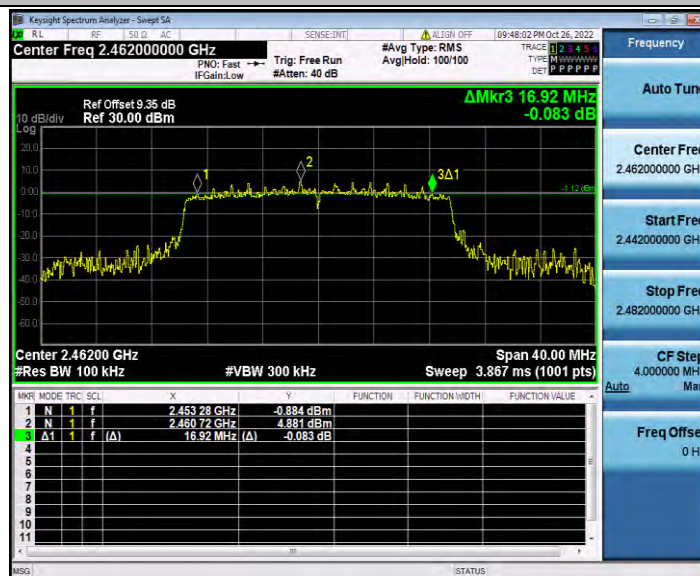
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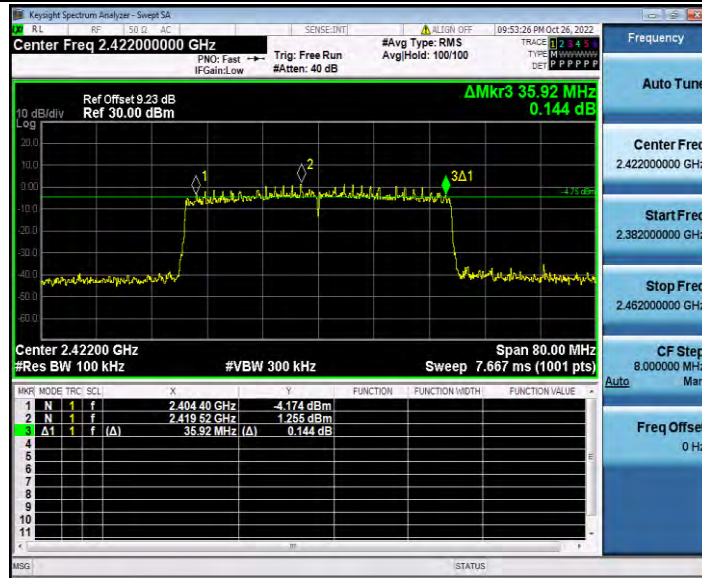
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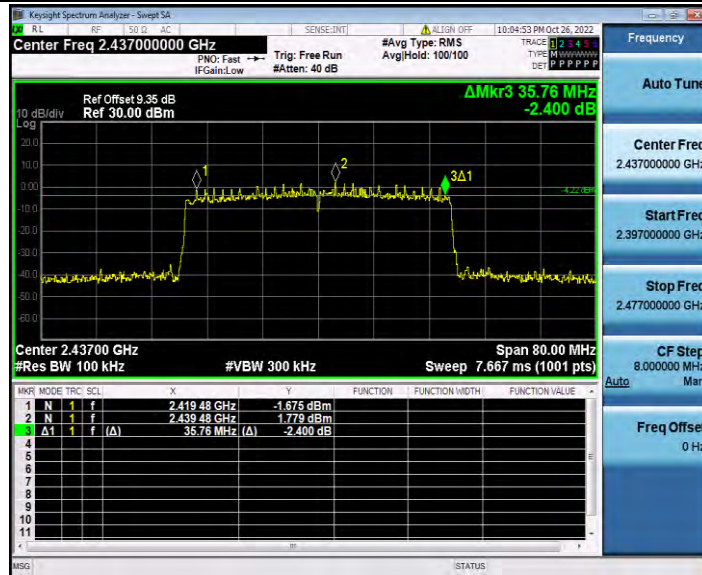
11AX20SISO_Ant0_2462



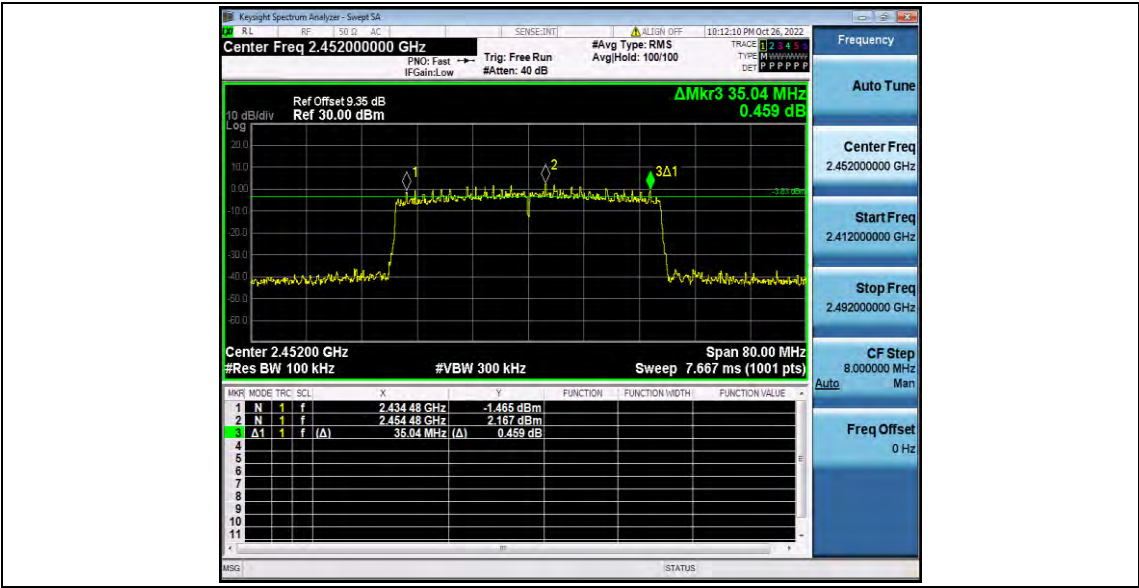
11AX40SISO_Ant0_2422



11AX40SISO_Ant0_2437



11AX40SISO_Ant0_2452



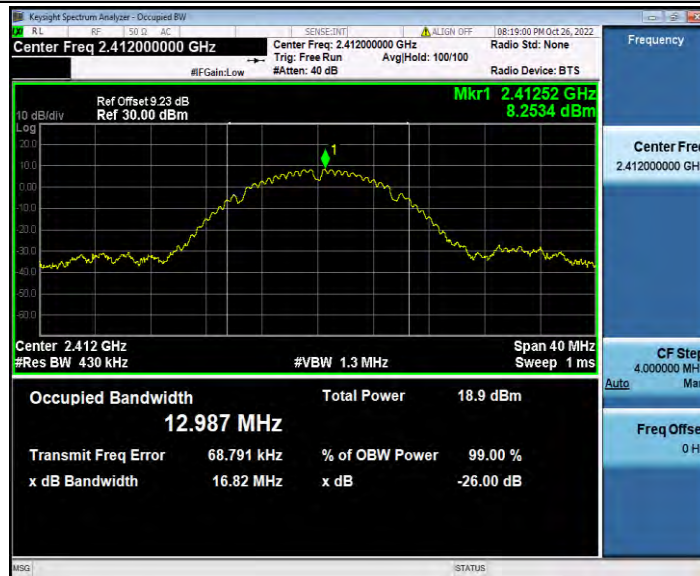
Appendix C.2: Occupied Channel Bandwidth

Test Result

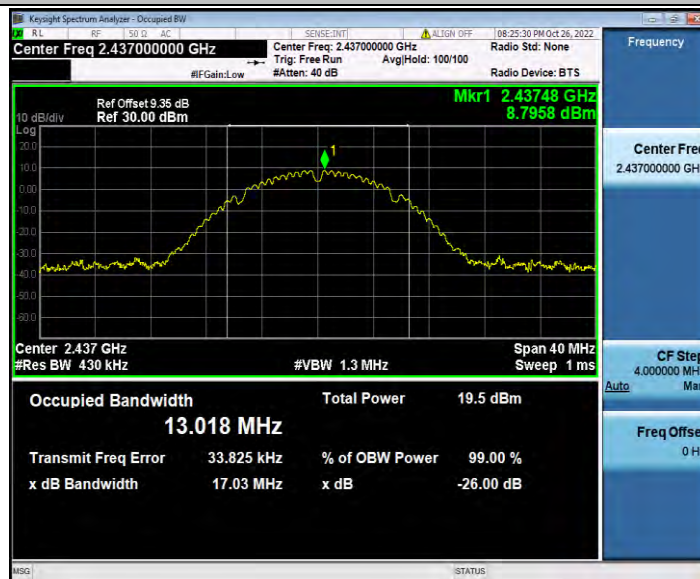
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant0	2412	12.987	2405.575	2418.562	---	---
		2437	13.018	2430.525	2443.543	---	---
		2462	13.141	2455.418	2468.559	---	---
11G	Ant0	2412	16.826	2403.622	2420.448	---	---
		2437	17.513	2428.319	2445.832	---	---
		2462	17.622	2453.173	2470.795	---	---
11N20SISO	Ant0	2412	17.751	2403.183	2420.934	---	---
		2437	18.555	2427.700	2446.255	---	---
		2462	18.731	2452.619	2471.350	---	---
11N40SISO	Ant0	2422	36.084	2404.055	2440.139	---	---
		2437	36.001	2419.075	2455.076	---	---
		2452	36.064	2433.994	2470.058	---	---
11AX20SISO	Ant0	2412	18.794	2402.628	2421.422	---	---
		2437	19.018	2427.516	2446.534	---	---
		2462	19.026	2452.475	2471.501	---	---
11AX40SISO	Ant0	2422	37.587	2403.278	2440.865	---	---
		2437	37.692	2418.241	2455.933	---	---
		2452	37.526	2433.297	2470.823	---	---

Test Graphs

11B_Ant0_2412



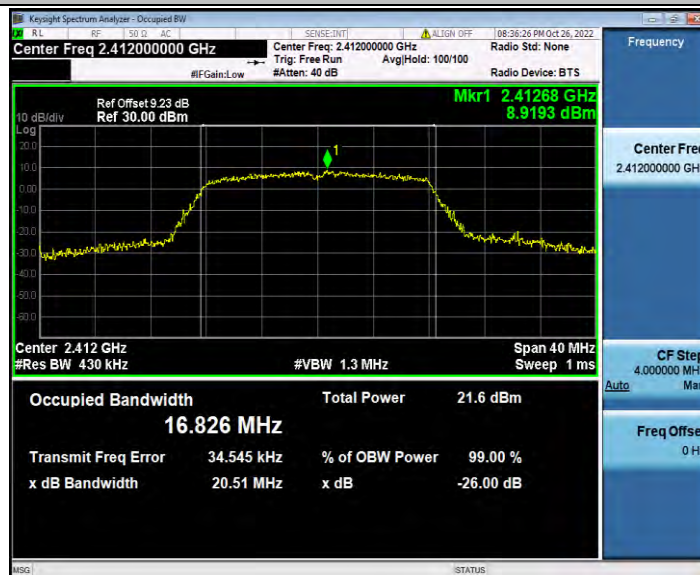
11B_Ant0_2437



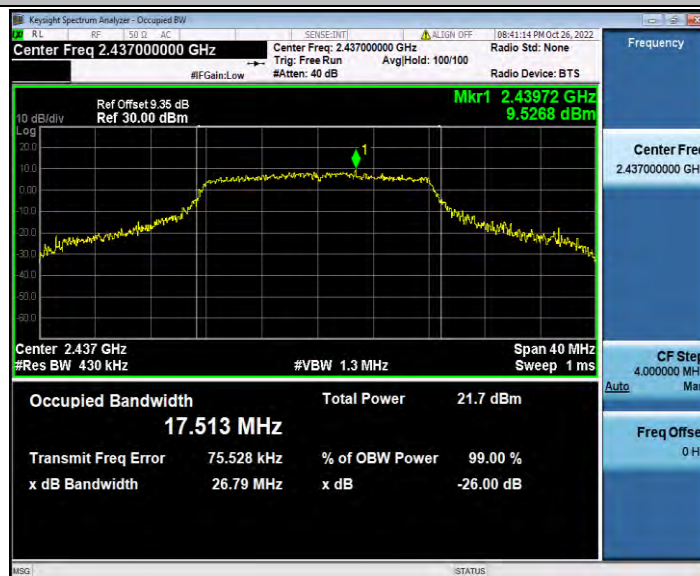
11B_Ant0_2462



11G_Ant0_2412



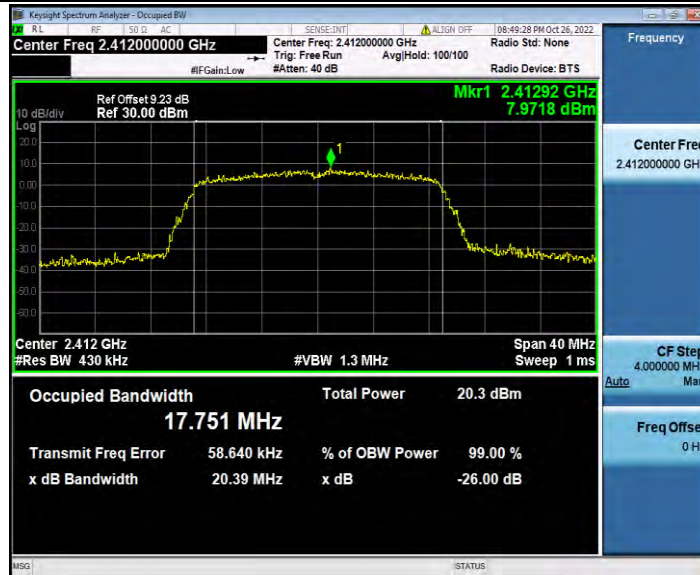
11G_Ant0_2437



11G_Ant0_2462



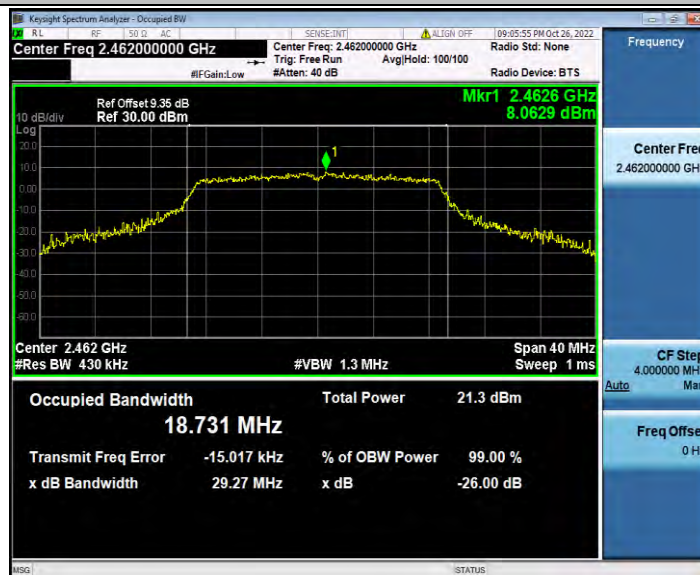
11N20SISO_Ant0_2412



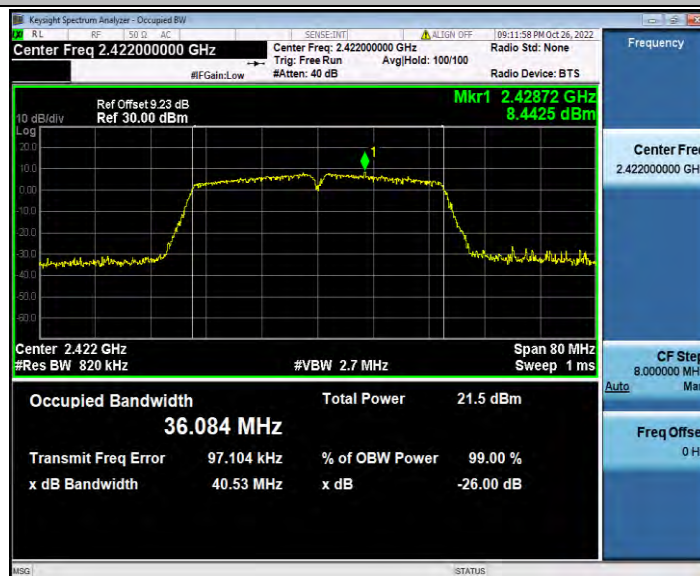
11N20SISO_Ant0_2437



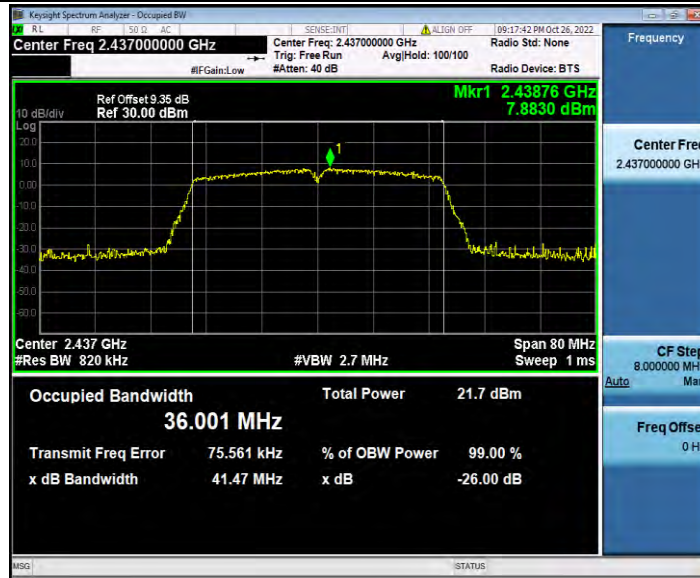
11N20SISO_Ant0_2462



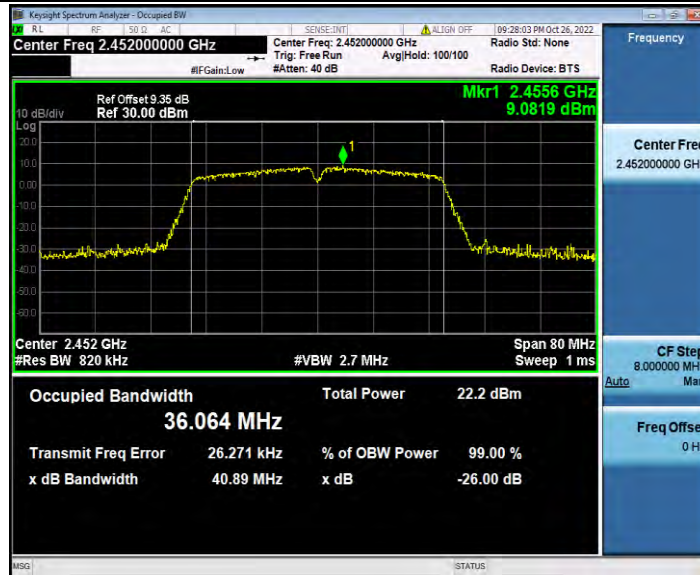
11N40SISO_Ant0_2422



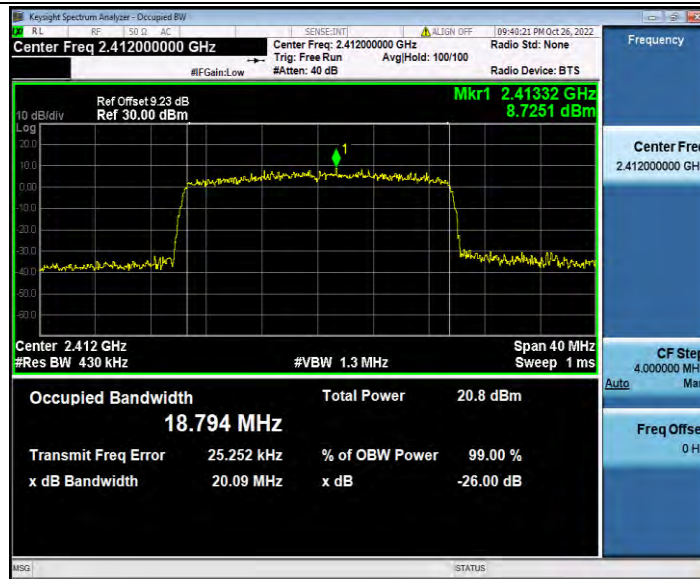
11N40SISO_Ant0_2437



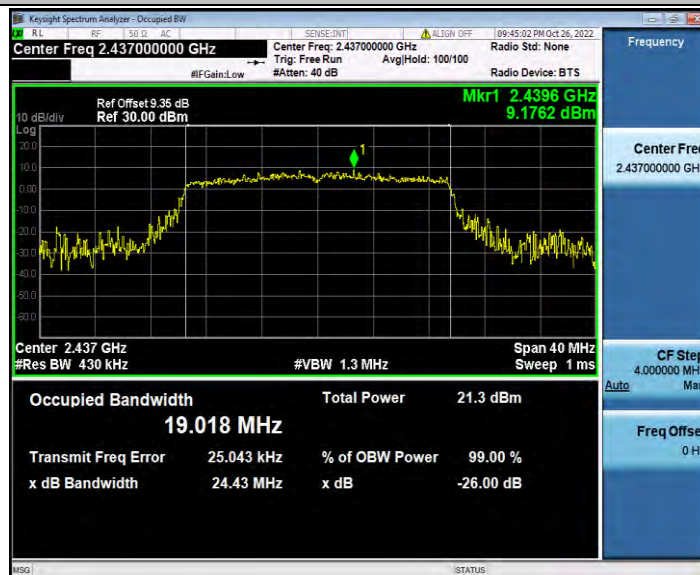
11N40SISO_Ant0_2452



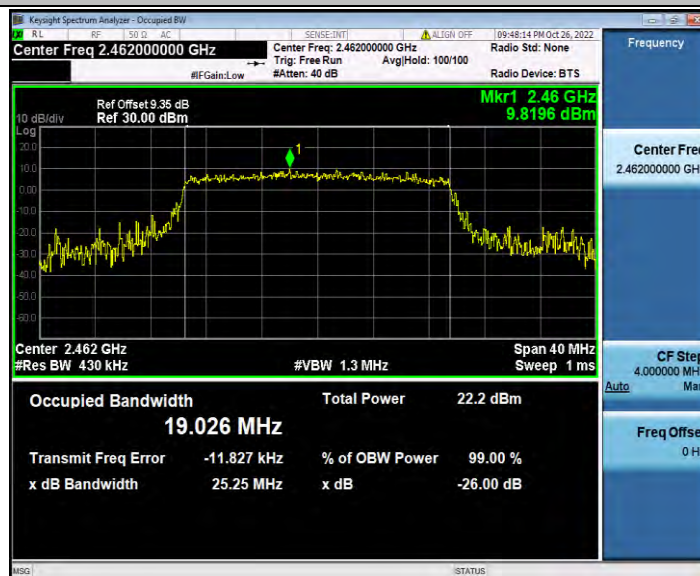
11AX20SISO_Ant0_2412



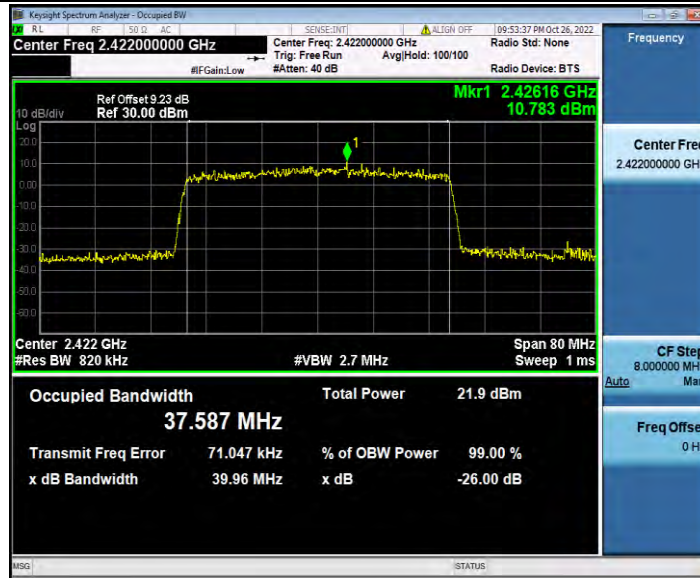
11AX20SISO_Ant0_2437



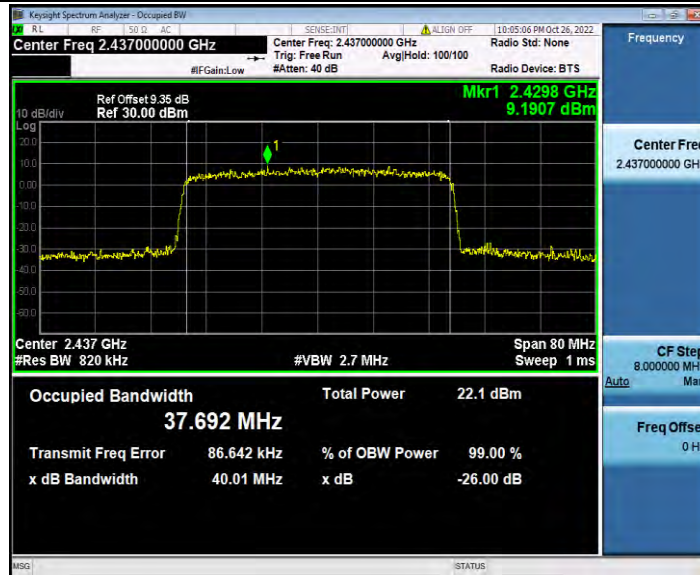
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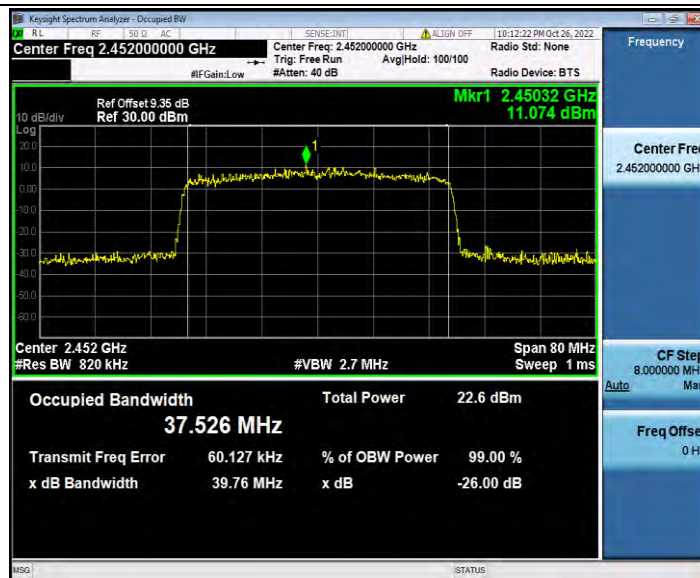
11AX40SISO_Ant0_2422



11AX40SISO_Ant0_2437



11AX40SISO_Ant0_2452



Appendix C.3: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant0	2412	18.97	≤30.00	PASS
		2437	19.56	≤30.00	PASS
		2462	20.18	≤30.00	PASS
11G	Ant0	2412	22.90	≤30.00	PASS
		2437	22.91	≤30.00	PASS
		2462	23.71	≤30.00	PASS
11N20SISO	Ant0	2412	21.52	≤30.00	PASS
		2437	21.63	≤30.00	PASS
		2462	22.49	≤30.00	PASS
11N40SISO	Ant0	2422	21.72	≤30.00	PASS
		2437	22.10	≤30.00	PASS
		2452	22.56	≤30.00	PASS
11AX20SISO	Ant0	2412	21.63	≤30.00	PASS
		2437	22.27	≤30.00	PASS
		2462	22.99	≤30.00	PASS
11AX40SISO	Ant0	2422	22.01	≤30.00	PASS
		2437	22.36	≤30.00	PASS
		2452	22.69	≤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	Ant0	2412	-6.53	≤8.00	PASS
		2437	-6.13	≤8.00	PASS
		2462	-4.87	≤8.00	PASS
11G	Ant0	2412	-7.39	≤8.00	PASS
		2437	-8.9	≤8.00	PASS
		2462	-8.47	≤8.00	PASS
11N20SISO	Ant0	2412	-10.3	≤8.00	PASS
		2437	-10.83	≤8.00	PASS
		2462	-9.51	≤8.00	PASS
11N40SISO	Ant0	2422	-12.86	≤8.00	PASS
		2437	-12.73	≤8.00	PASS
		2452	-12	≤8.00	PASS
11AX20SISO	Ant0	2412	-13.06	≤8.00	PASS
		2437	-12.24	≤8.00	PASS
		2462	-9.06	≤8.00	PASS
11AX40SISO	Ant0	2422	-14.02	≤8.00	PASS
		2437	-14.35	≤8.00	PASS
		2452	-13.76	≤8.00	PASS

Test Graphs

11B_Ant0_2412



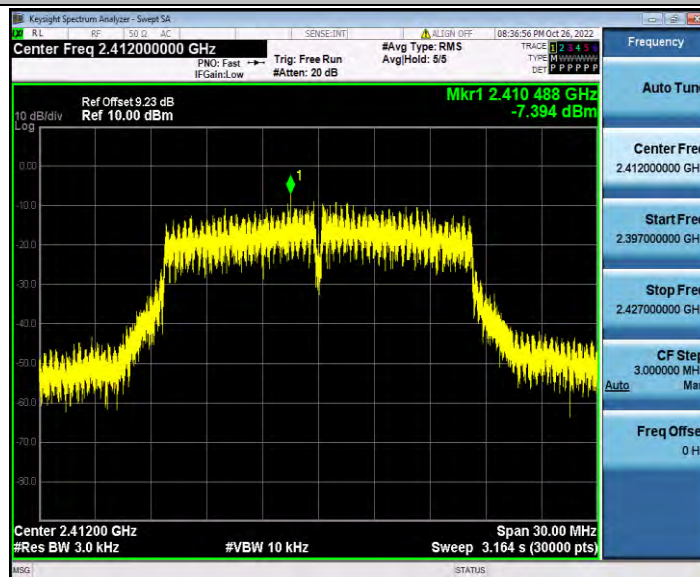
11B_Ant0_2437



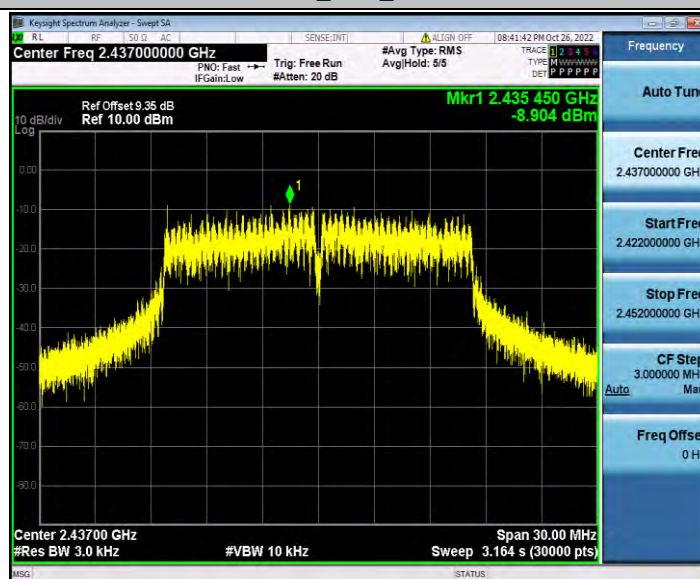
11B_Ant0_2462



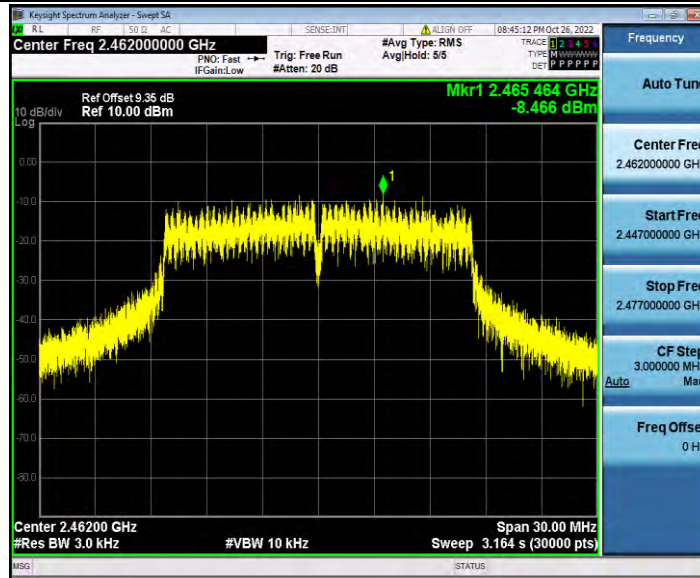
11G_Ant0_2412



11G_Ant0_2437



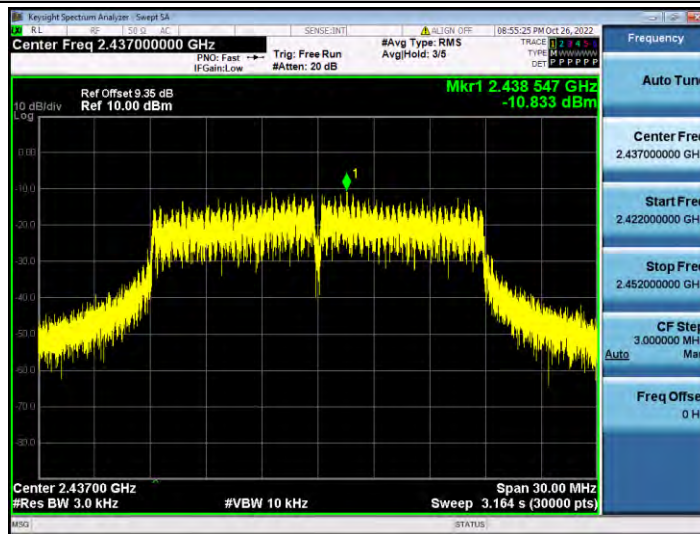
11G_Ant0_2462



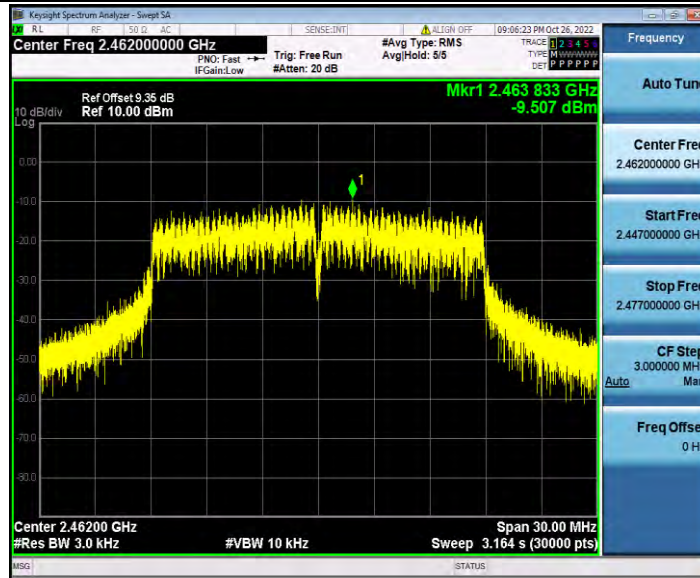
11N20SISO_Ant0_2412



11N20SISO_Ant0_2437



11N20SISO_Ant0_2462



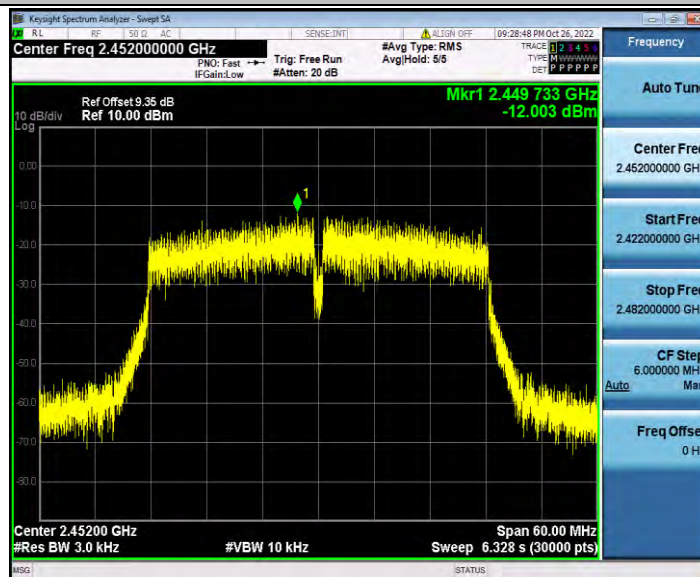
11N40SISO_Ant0_2422



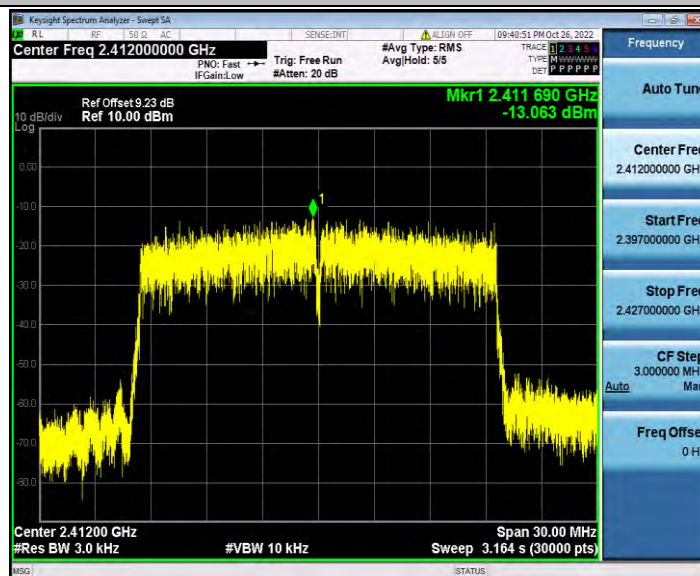
11N40SISO_Ant0_2437



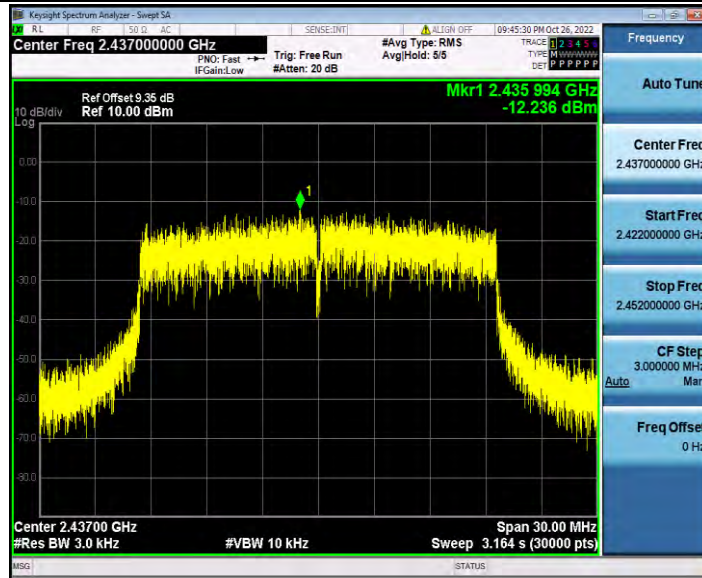
11N40SISO_Ant0_2452



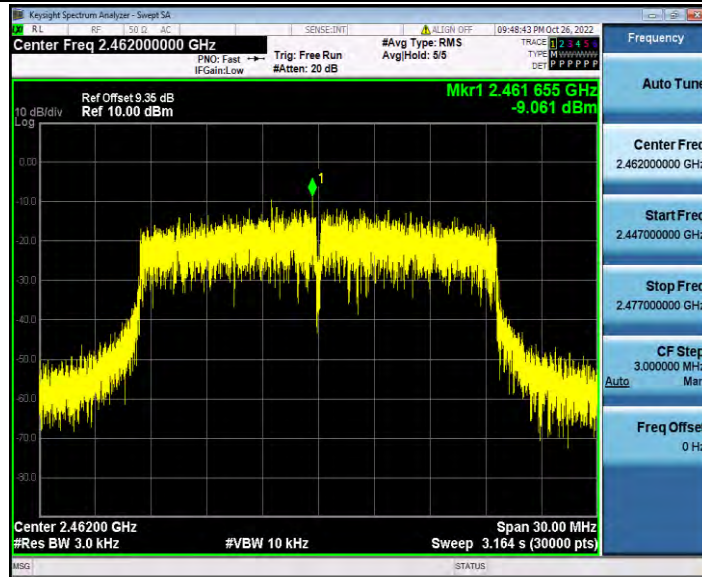
11AX20SISO_Ant0_2412



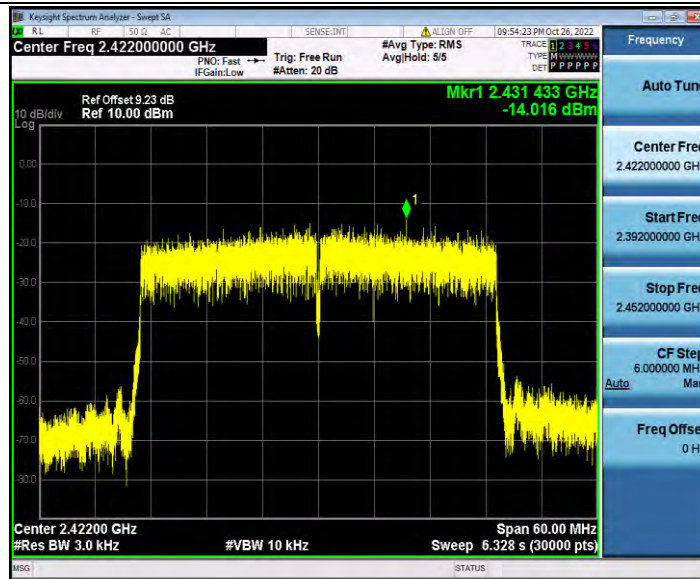
11AX20SISO_Ant0_2437



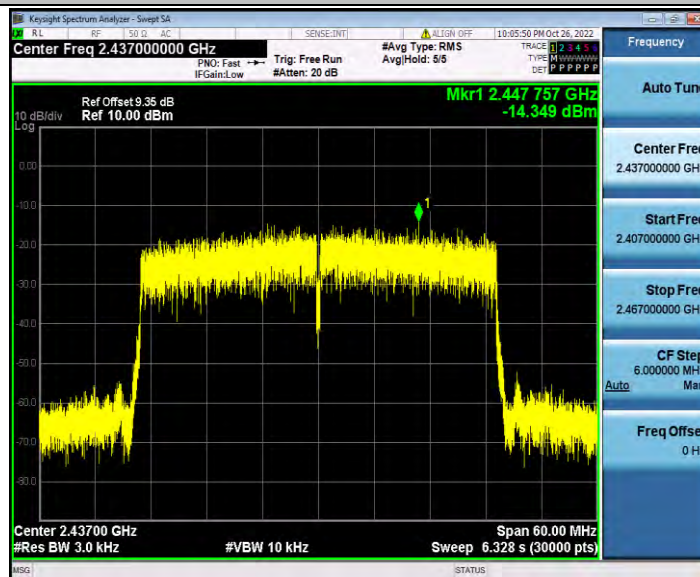
11AX20SISO_Ant0_2462



11AX40SISO_Ant0_2422



11AX40SISO_Ant0_2437



11AX40SISO_Ant0_2452

