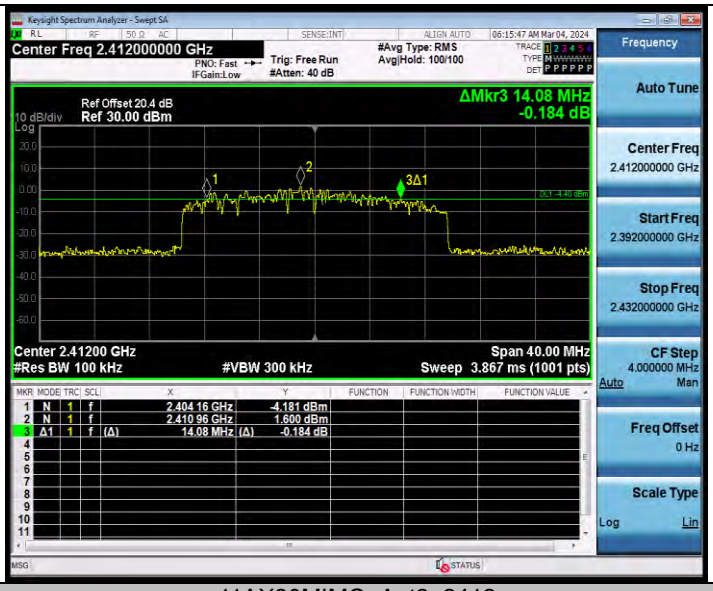
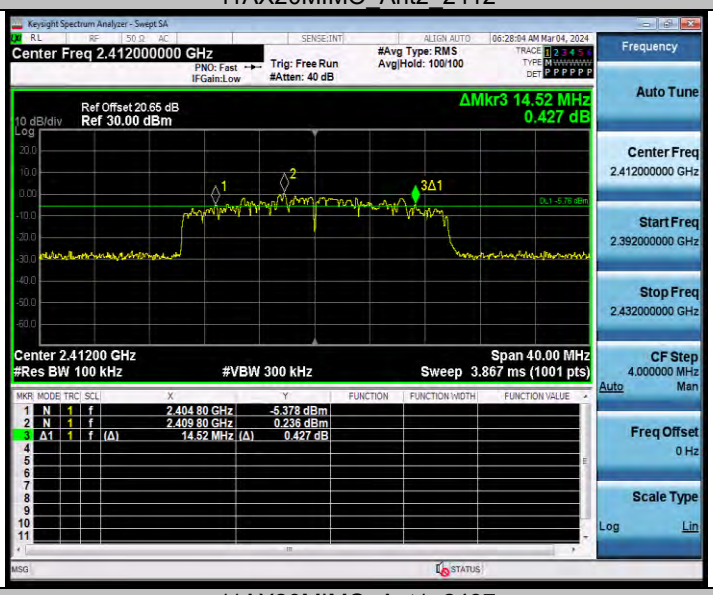
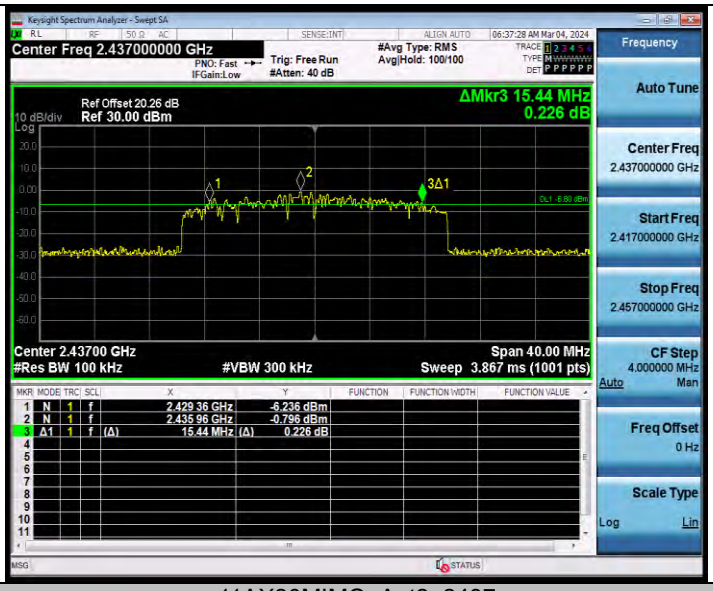


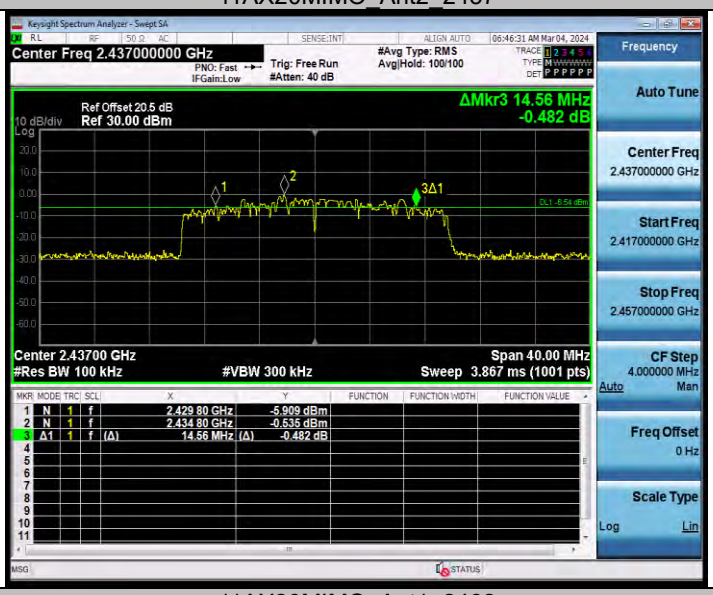
11AX20MIMO_Ant2_2412



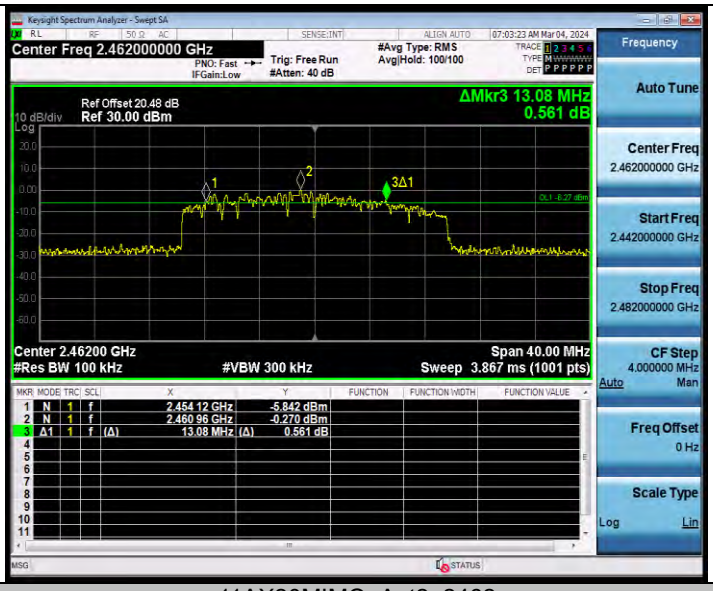
11AX20MIMO_Ant1_2437



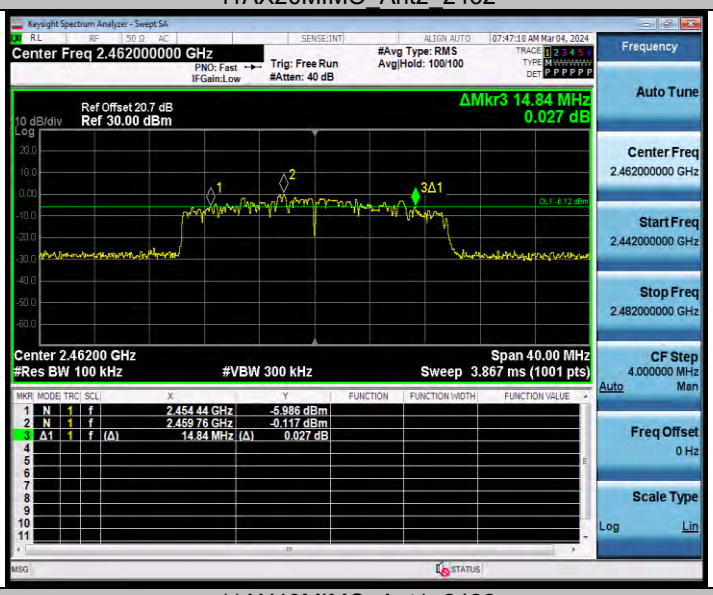
11AX20MIMO_Ant2_2437



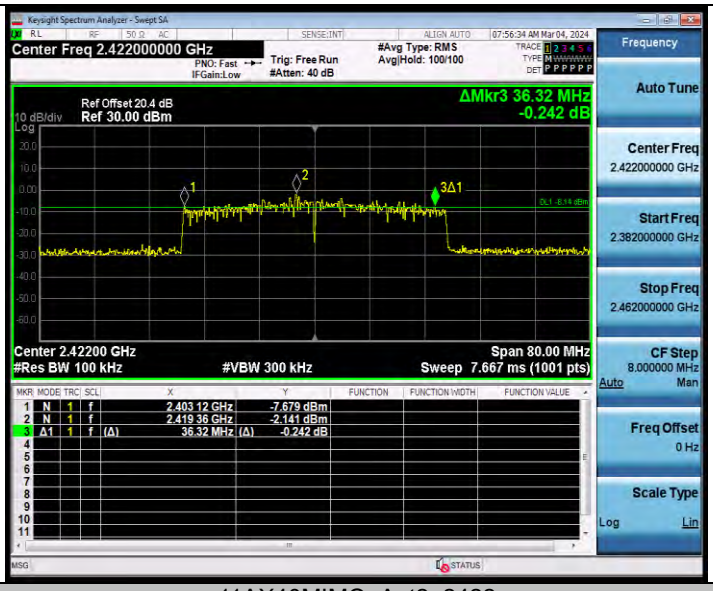
11AX20MIMO_Ant1_2462



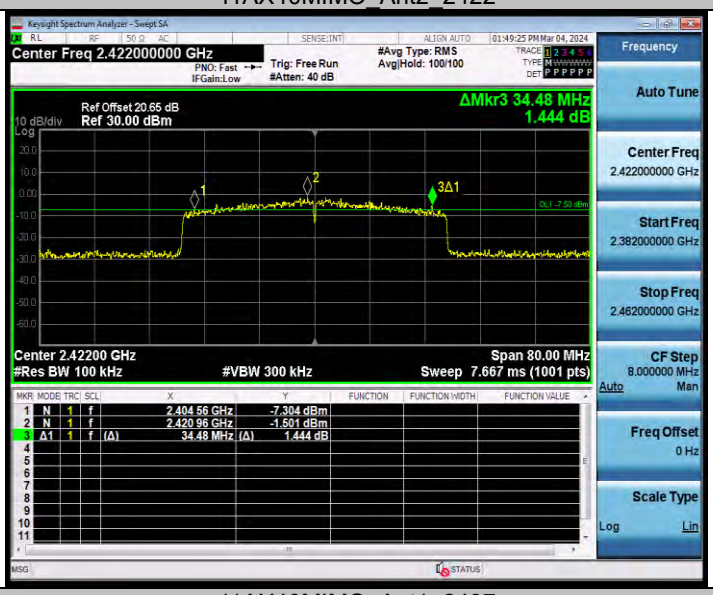
11AX20MIMO_Ant2_2462



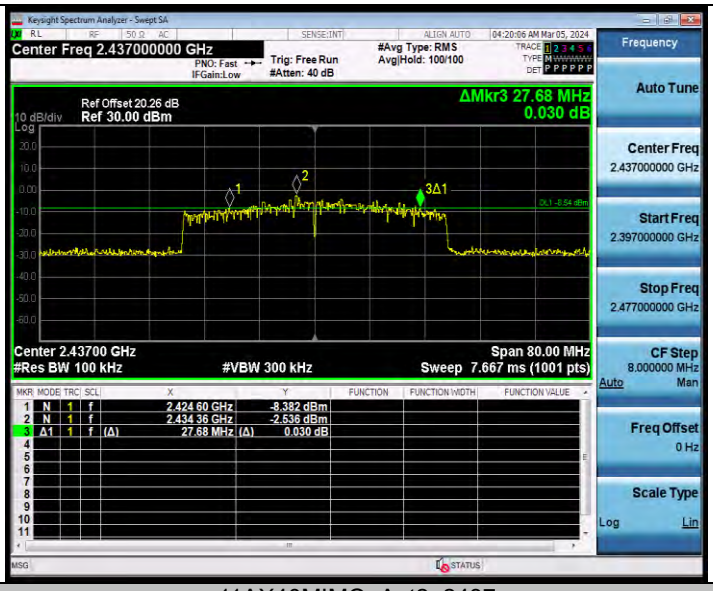
11AX40MIMO_Ant1_2422



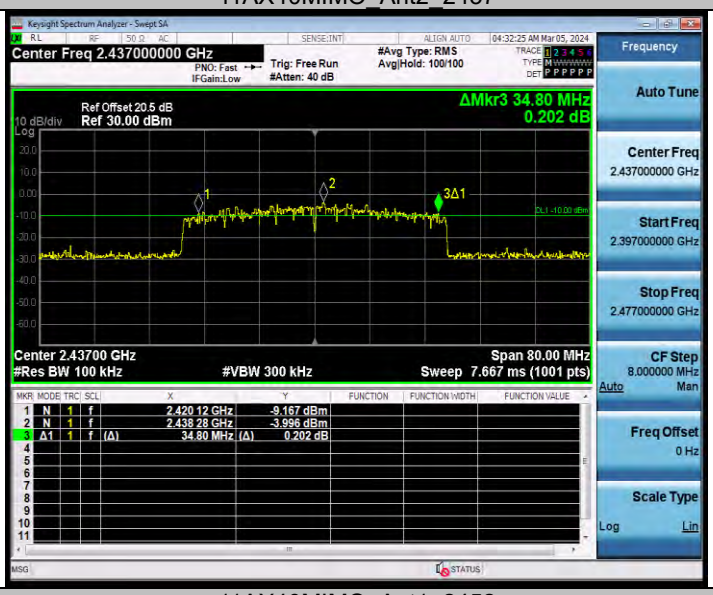
11AX40MIMO_Ant2_2422



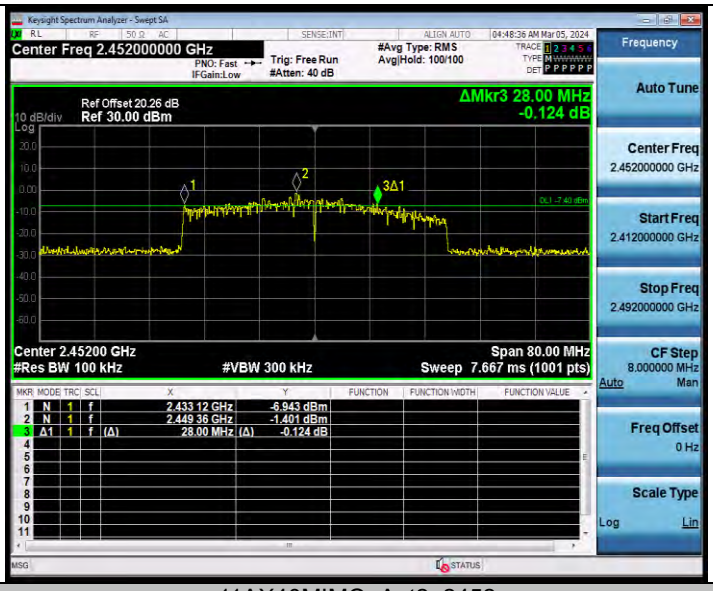
11AX40MIMO_Ant1_2437



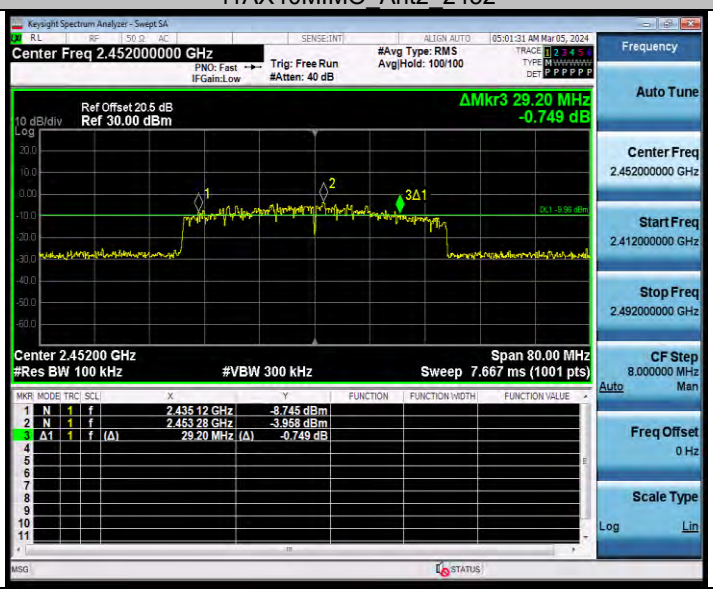
11AX40MIMO_Ant2_2437



11AX40MIMO_Ant1_2452



11AX40MIMO_Ant2_2452



OCCUPIED CHANNEL BANDWIDTH

TEST RESULT

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.292	2404.8341	2419.1261	---	---
	Ant2	2412	14.493	2404.8087	2419.3017	---	---
	Ant1	2437	14.593	2429.7637	2444.3567	---	---
	Ant2	2437	14.459	2429.7901	2444.2491	---	---
	Ant1	2462	14.407	2454.6782	2469.0852	---	---
	Ant2	2462	14.529	2454.6828	2469.2118	---	---
11G	Ant1	2412	16.602	2403.6483	2420.2503	---	---
	Ant2	2412	16.232	2403.9071	2420.1391	---	---
	Ant1	2437	16.607	2428.7535	2445.3605	---	---
	Ant2	2437	16.289	2428.8681	2445.1571	---	---
	Ant1	2462	16.906	2453.4403	2470.3463	---	---
	Ant2	2462	16.290	2453.8189	2470.1089	---	---
11N20SISO	Ant1	2412	17.321	2403.3140	2420.6350	---	---
	Ant2	2412	17.334	2403.3730	2420.7070	---	---
	Ant1	2437	17.371	2428.3978	2445.7688	---	---
	Ant2	2437	17.370	2428.3392	2445.7092	---	---
	Ant1	2462	17.345	2453.2775	2470.6225	---	---
	Ant2	2462	17.344	2453.3071	2470.6511	---	---
11N40SISO	Ant1	2422	36.272	2403.9918	2440.2638	---	---
	Ant2	2422	36.397	2403.9061	2440.3031	---	---
	Ant1	2437	35.851	2419.2075	2455.0585	---	---
	Ant2	2437	36.292	2418.9526	2455.2446	---	---
	Ant1	2452	35.742	2433.9277	2469.6697	---	---
	Ant2	2452	36.374	2433.8500	2470.2240	---	---
11AX20SISO	Ant1	2412	18.704	2402.6616	2421.3656	---	---
	Ant2	2412	18.631	2402.7284	2421.3594	---	---
	Ant1	2437	18.788	2427.6776	2446.4656	---	---
	Ant2	2437	18.703	2427.6568	2446.3598	---	---
	Ant1	2462	18.801	2452.5348	2471.3358	---	---
	Ant2	2462	18.645	2452.6275	2471.2725	---	---
11AX40SISO	Ant1	2422	37.756	2403.2489	2441.0049	---	---
	Ant2	2422	37.666	2403.1901	2440.8561	---	---
	Ant1	2437	37.361	2418.4800	2455.8410	---	---
	Ant2	2437	37.586	2418.2136	2455.7996	---	---
	Ant1	2452	37.273	2433.0818	2470.3548	---	---
	Ant2	2452	37.587	2433.1522	2470.7392	---	---
11B-CDD	Ant1	2412	14.639	2404.6560	2419.2950	---	---
	Ant2	2412	15.148	2404.4508	2419.5988	---	---
	Ant1	2437	15.100	2429.4680	2444.5680	---	---
	Ant2	2437	15.195	2429.4176	2444.6126	---	---
	Ant1	2462	14.745	2454.4970	2469.2420	---	---
	Ant2	2462	15.192	2454.3590	2469.5510	---	---
11G-CDD	Ant1	2412	16.274	2403.8444	2420.1184	---	---
	Ant2	2412	16.343	2403.8310	2420.1740	---	---
	Ant1	2437	16.326	2428.8733	2445.1993	---	---
	Ant2	2437	16.392	2428.8129	2445.2049	---	---
	Ant1	2462	16.379	2453.7422	2470.1212	---	---
	Ant2	2462	16.470	2453.6954	2470.1654	---	---
11N20MIMO	Ant1	2412	17.734	2403.1225	2420.8565	---	---
	Ant2	2412	18.070	2402.9980	2421.0680	---	---
	Ant1	2437	17.735	2428.2345	2445.9695	---	---
	Ant2	2437	17.968	2427.9472	2445.9152	---	---
	Ant1	2462	17.790	2453.0516	2470.8416	---	---

	Ant2	2462	18.094	2452.8077	2470.9017	---	---
11N40MIMO	Ant1	2422	41.083	2402.1774	2443.2604	---	---
	Ant2	2422	45.238	2399.9477	2445.1857	---	---
	Ant1	2437	45.288	2414.6777	2459.9657	---	---
	Ant2	2437	46.442	2414.4099	2460.8519	---	---
	Ant1	2452	40.403	2431.7747	2472.1777	---	---
	Ant2	2452	46.861	2428.6883	2475.5493	---	---
11AX20MIMO	Ant1	2412	18.764	2402.6473	2421.4113	---	---
	Ant2	2412	18.765	2402.6712	2421.4362	---	---
	Ant1	2437	18.865	2427.6436	2446.5086	---	---
	Ant2	2437	18.856	2427.6376	2446.4936	---	---
	Ant1	2462	18.860	2452.5350	2471.3950	---	---
	Ant2	2462	18.828	2452.5651	2471.3931	---	---
11AX40MIMO	Ant1	2422	38.368	2402.8022	2441.1702	---	---
	Ant2	2422	37.762	2403.1351	2440.8971	---	---
	Ant1	2437	38.330	2417.8512	2456.1812	---	---
	Ant2	2437	38.108	2417.9574	2456.0654	---	---
	Ant1	2452	38.108	2432.7634	2470.8714	---	---
	Ant2	2452	38.070	2432.8722	2470.9422	---	---

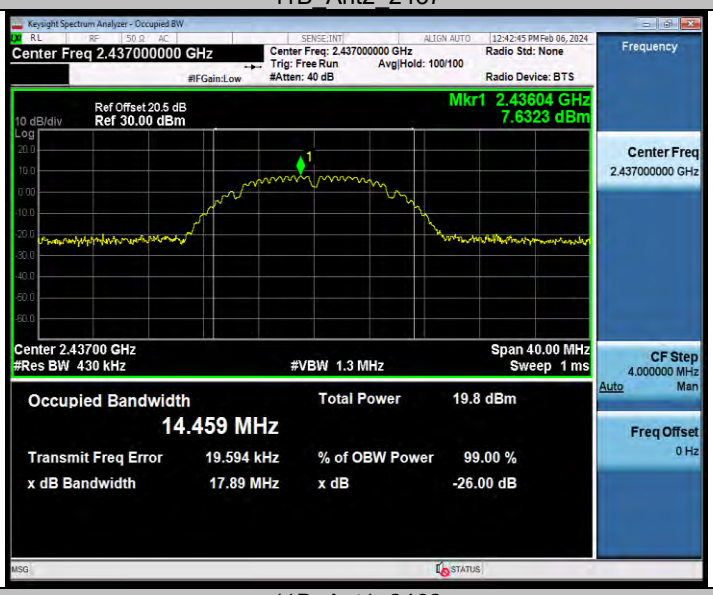
TEST GRAPHS

11B_Ant1_2412

11B_Ant2_2412

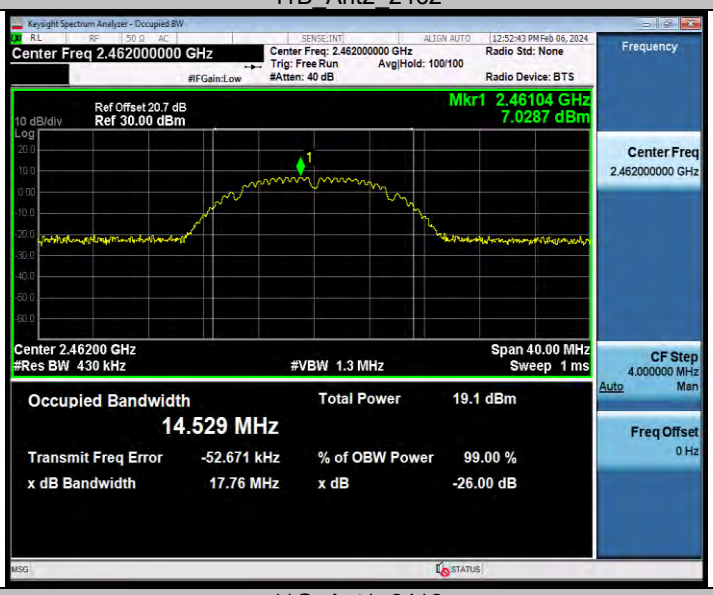
11B_Ant1_2437

11B_Ant2_2437



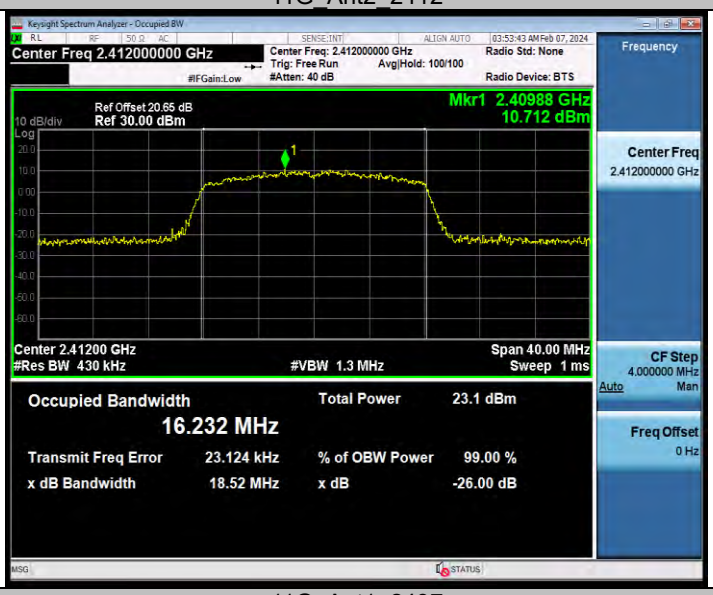
11B_Ant1_2462

11B_Ant2_2462

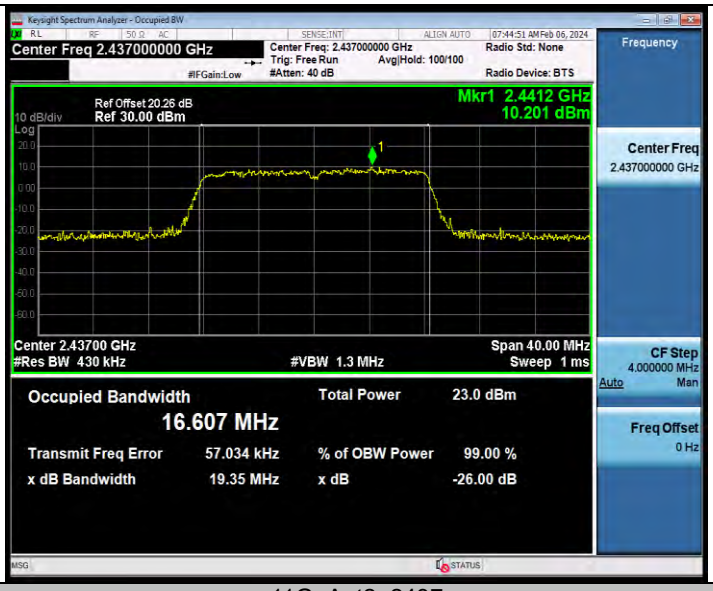


11G_Ant1_2412

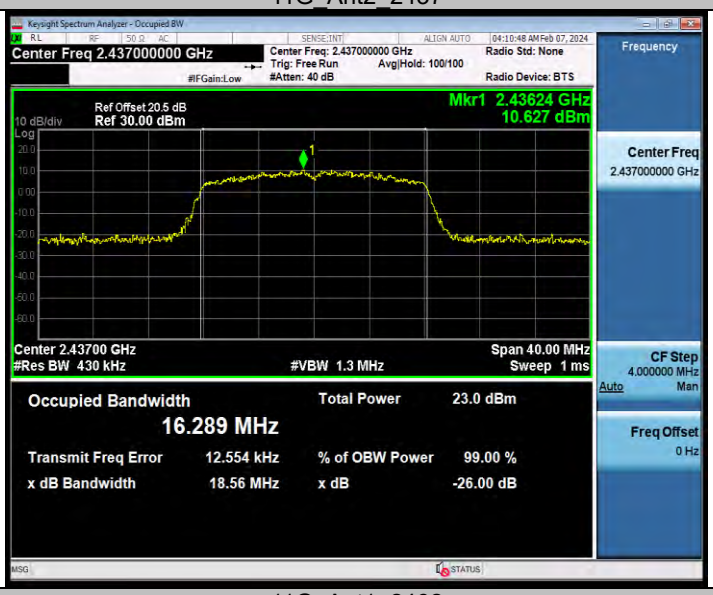
11G_Ant2_2412



11G_Ant1_2437

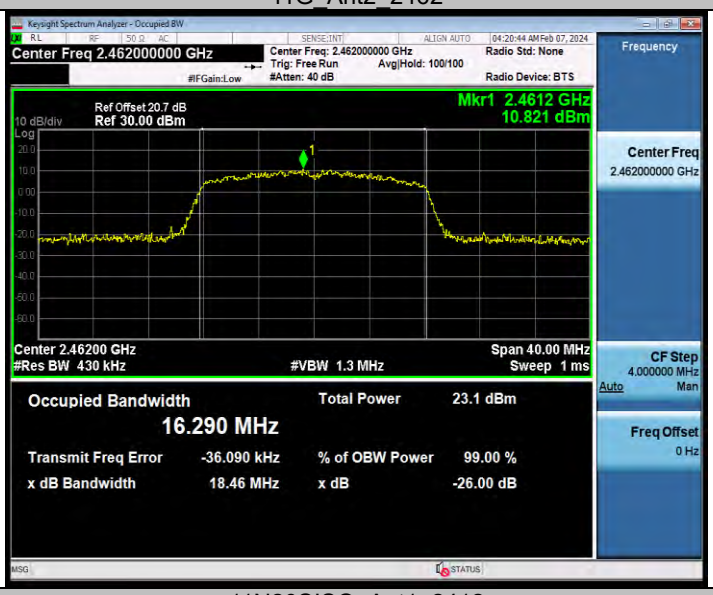


11G_Ant2_2437

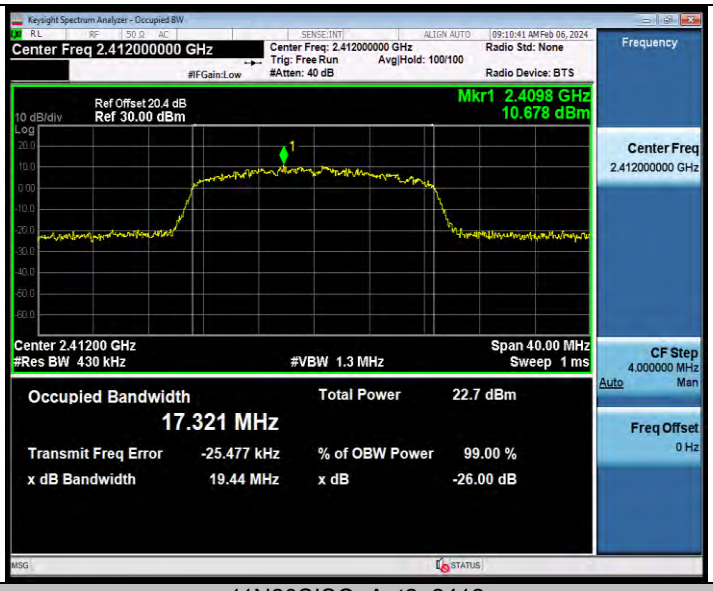


11G_Ant1_2462

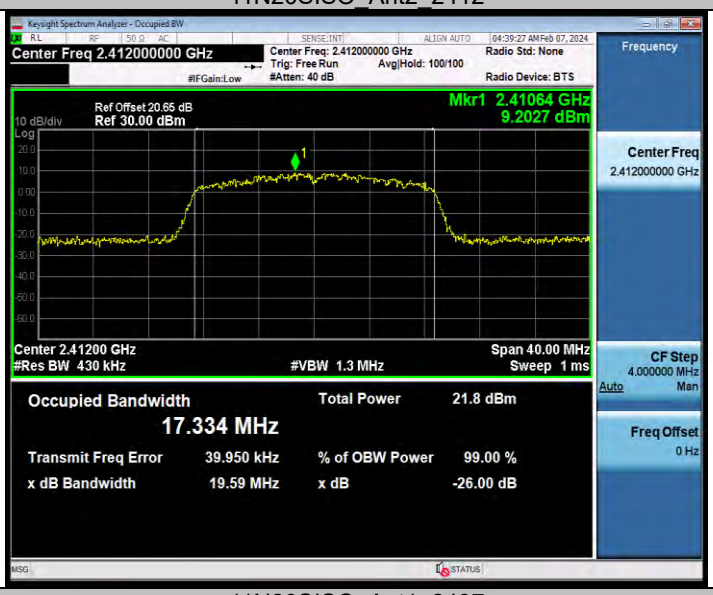
11G_Ant2_2462



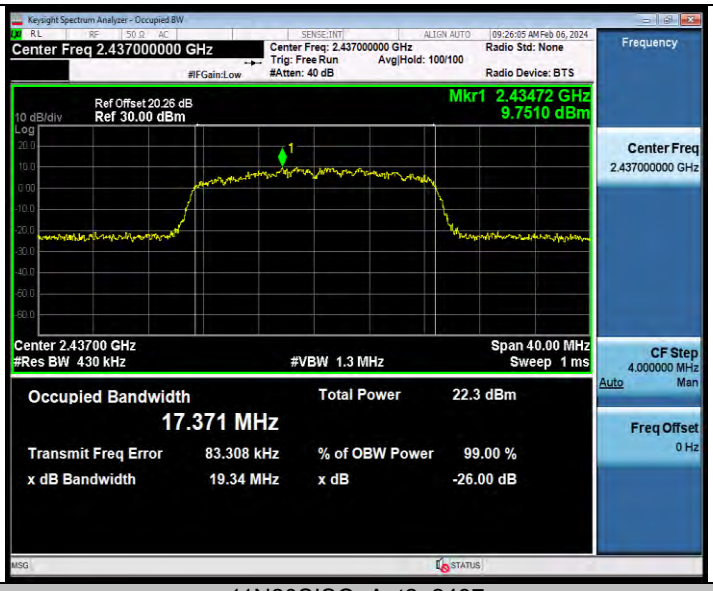
11N20SISO_Ant1_2412



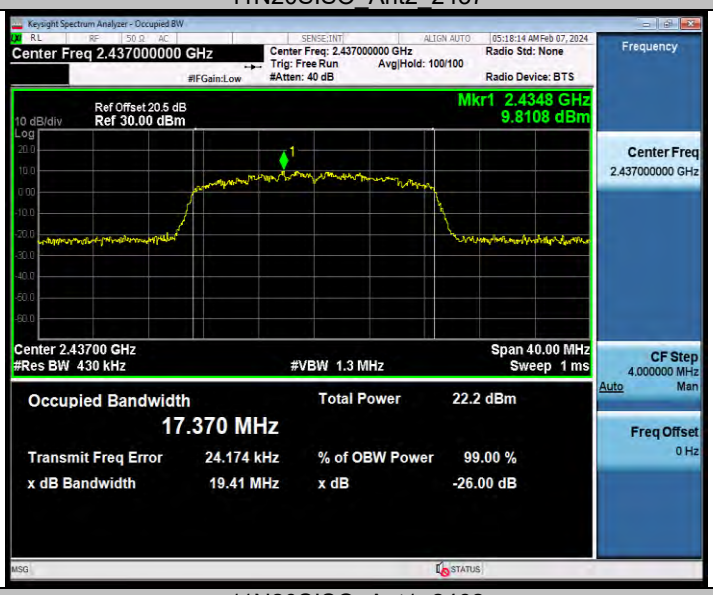
11N20SISO_Ant2_2412



11N20SISO_Ant1_2437

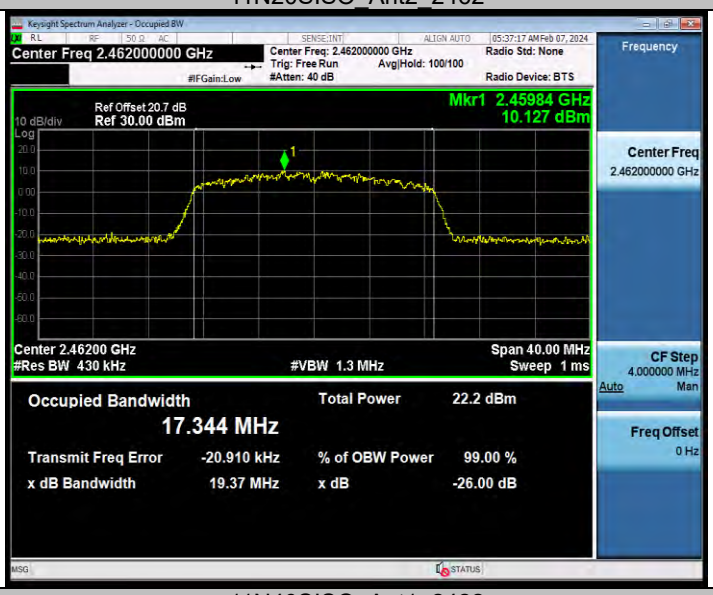


11N20SISO_Ant2_2437

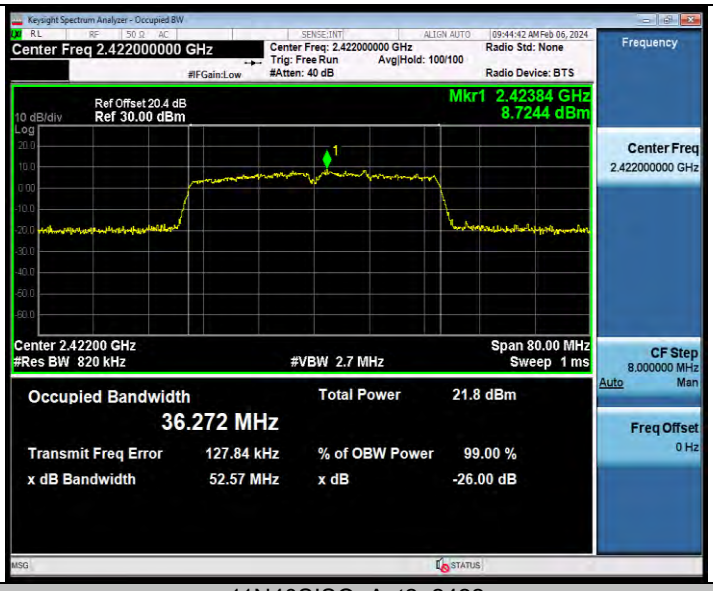


11N20SISO_Ant1_2462

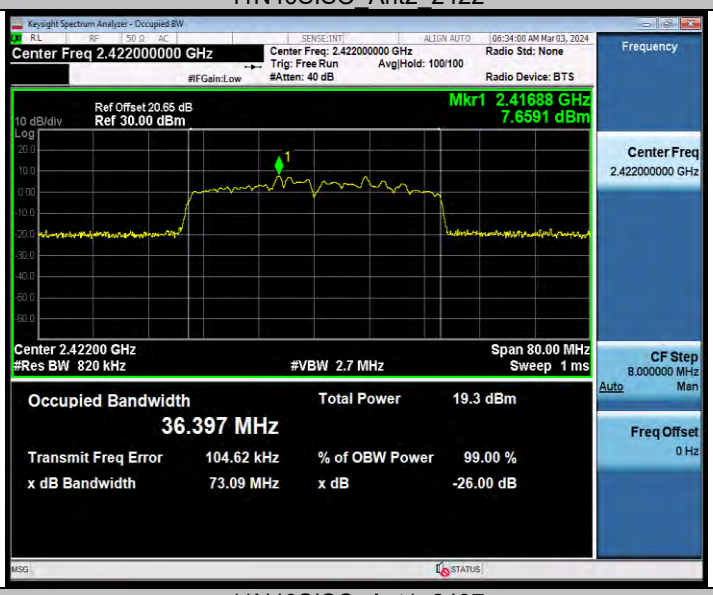
11N20SISO_Ant2_2462



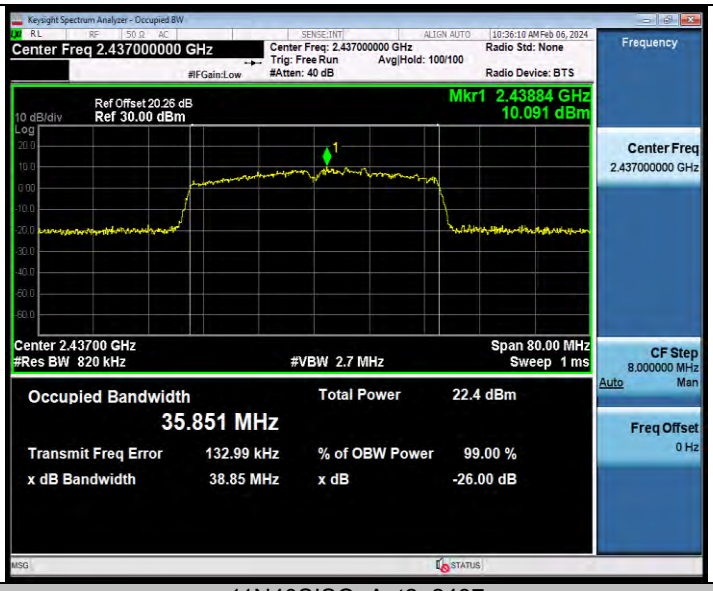
11N40SISO_Ant1_2422



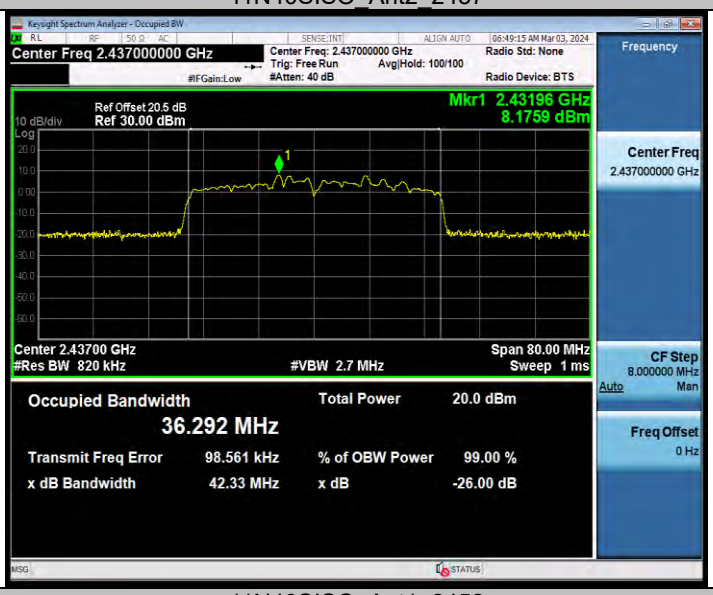
11N40SISO_Ant2_2422



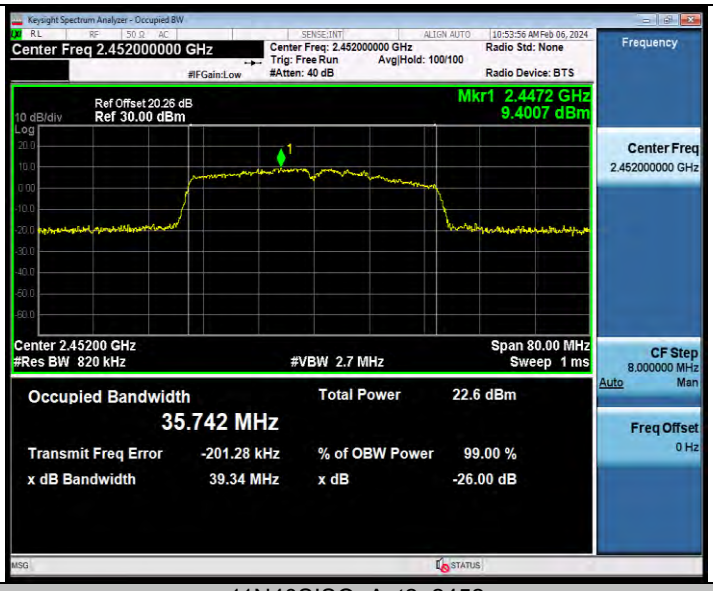
11N40SISO_Ant1_2437



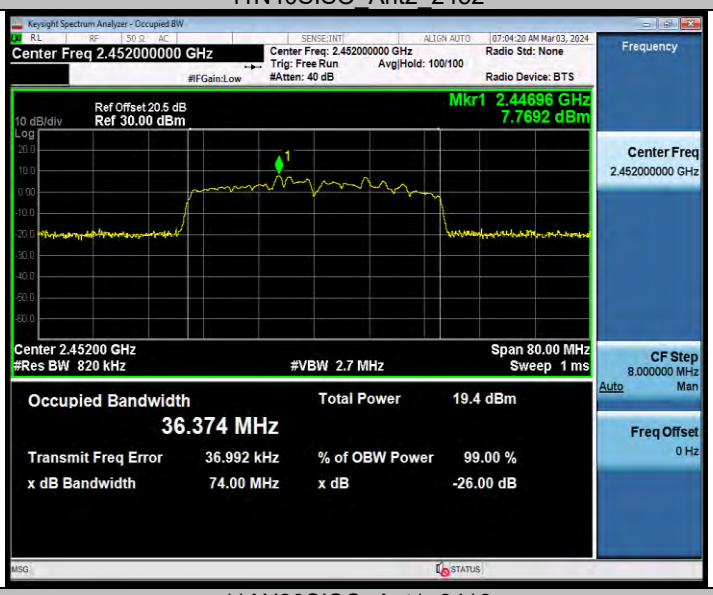
11N40SISO_Ant2_2437



11N40SISO_Ant1_2452

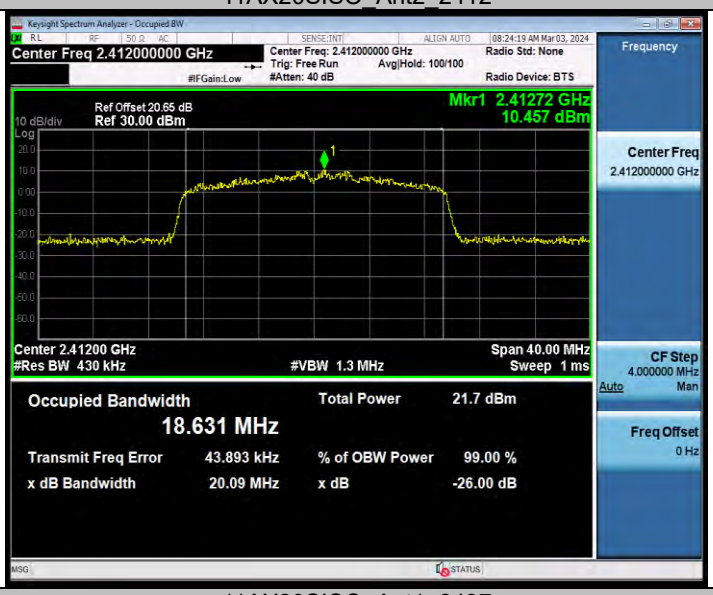


11N40SISO_Ant2_2452

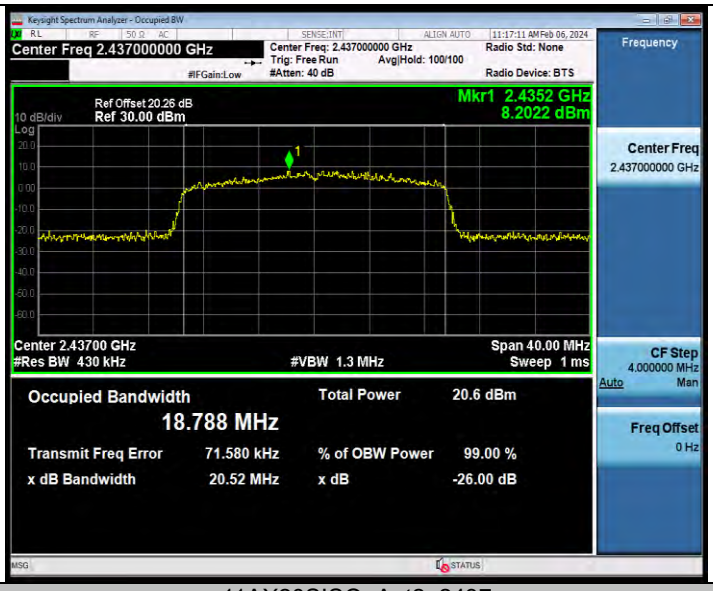


11AX20SISO_Ant1_2412

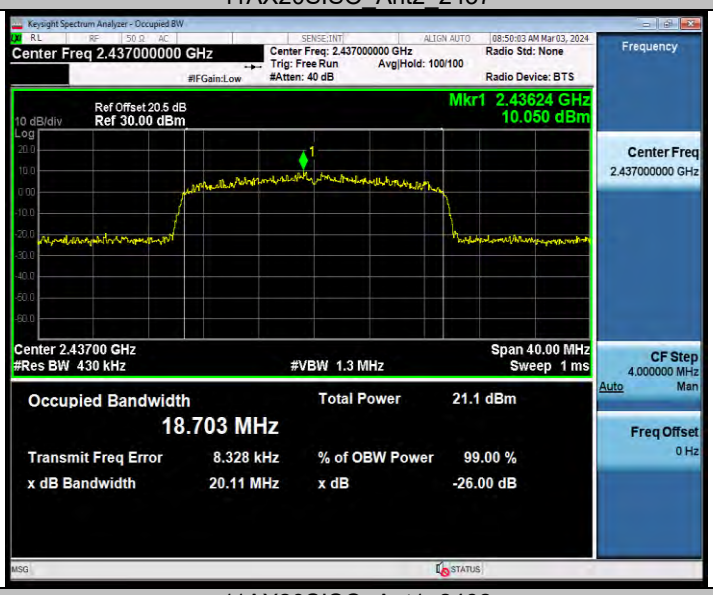
11AX20SISO_Ant2_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant2_2437

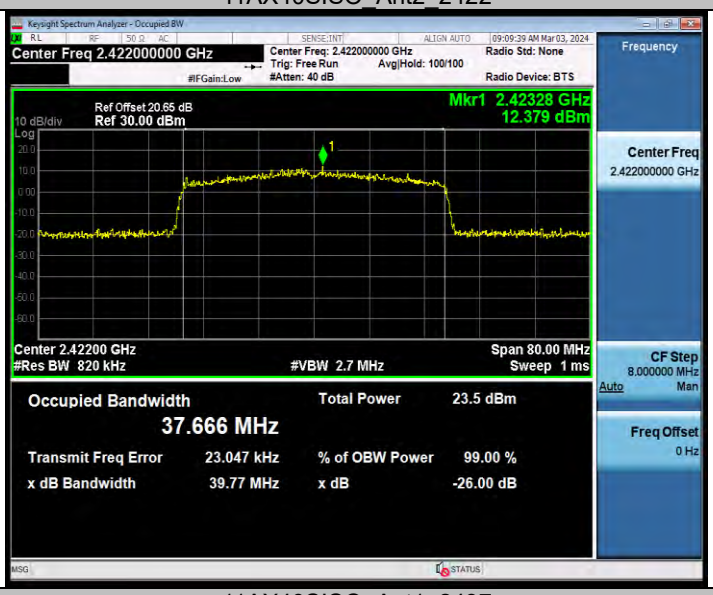


11AX20SISO_Ant1_2462

11AX20SISO_Ant2_2462

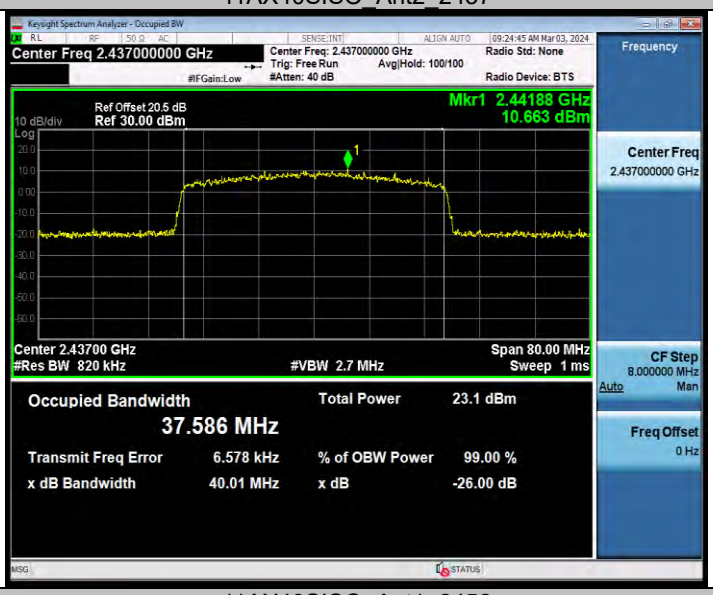
11AX40SISO_Ant1_2422

11AX40SISO_Ant2_2422



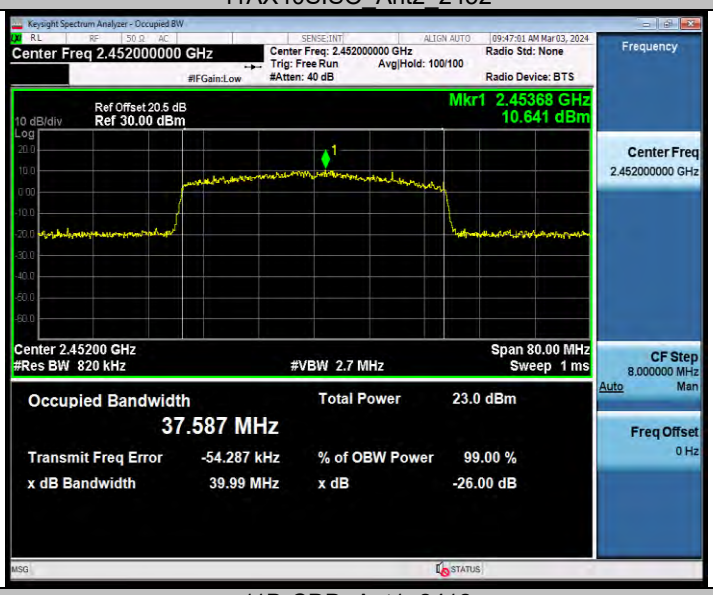
11AX40SISO_Ant1_2437

11AX40SISO_Ant2_2437



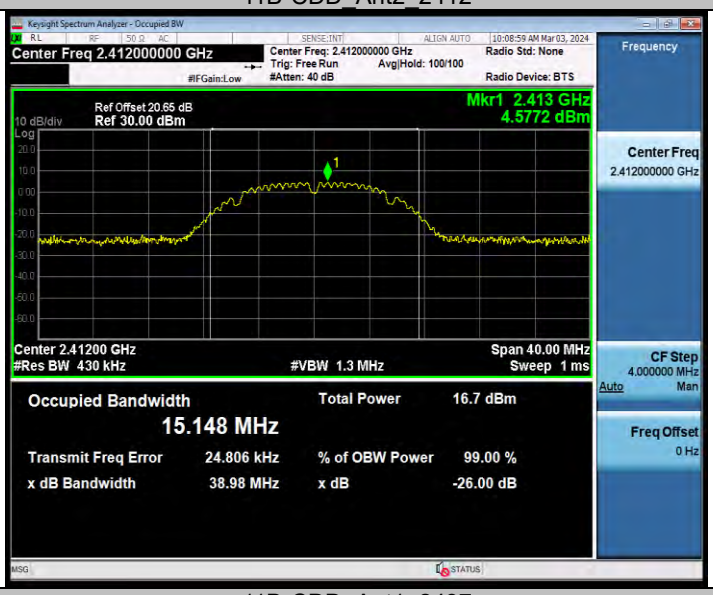
11AX40SISO_Ant1_2452

11AX40SISO_Ant2_2452



11B-CDD_Ant1_2412

11B-CDD_Ant2_2412



11B-CDD_Ant1_2437

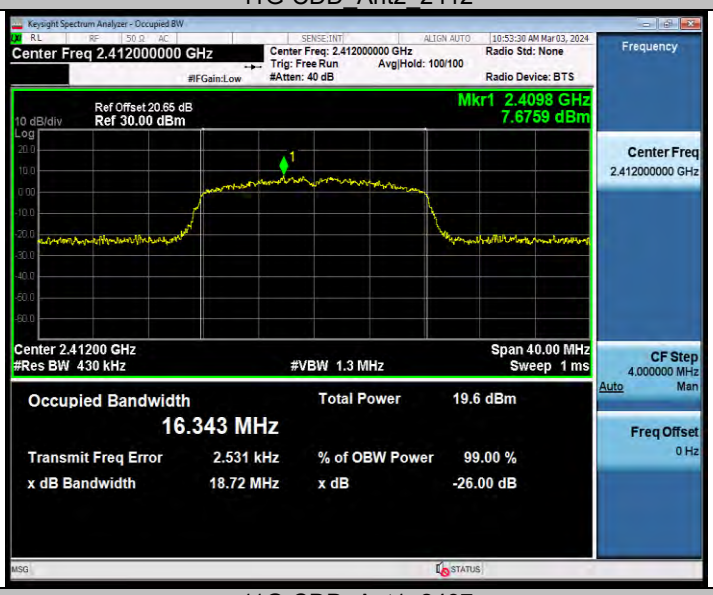
11B-CDD_Ant2_2437

11B-CDD_Ant1_2462

11B-CDD_Ant2_2462

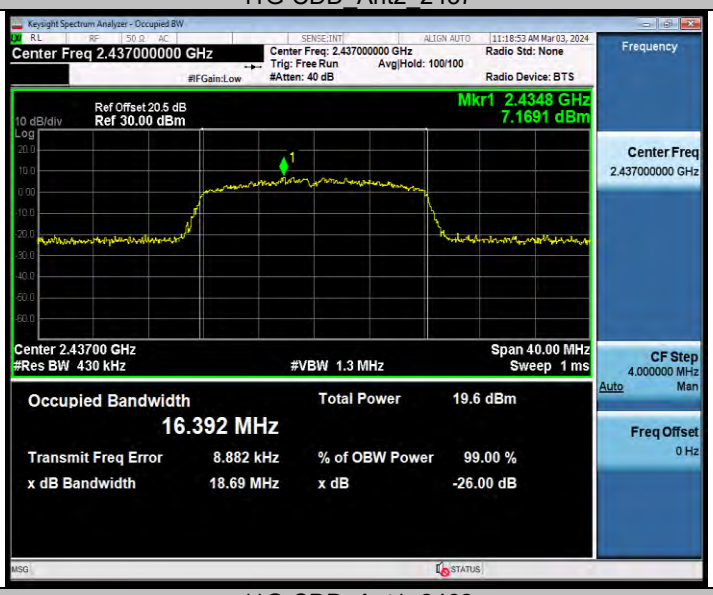
11G-CDD_Ant1_2412

11G-CDD_Ant2_2412



11G-CDD_Ant1_2437

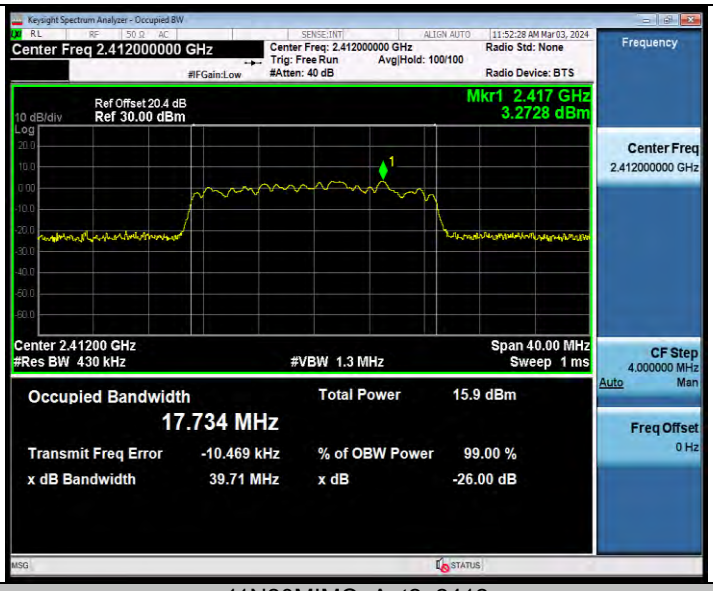
11G-CDD_Ant2_2437



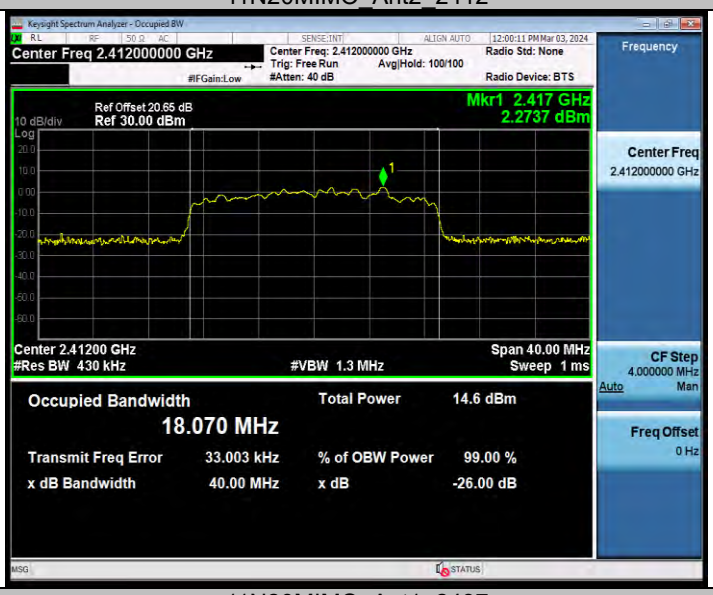
11G-CDD_Ant1_2462

11G-CDD_Ant2_2462

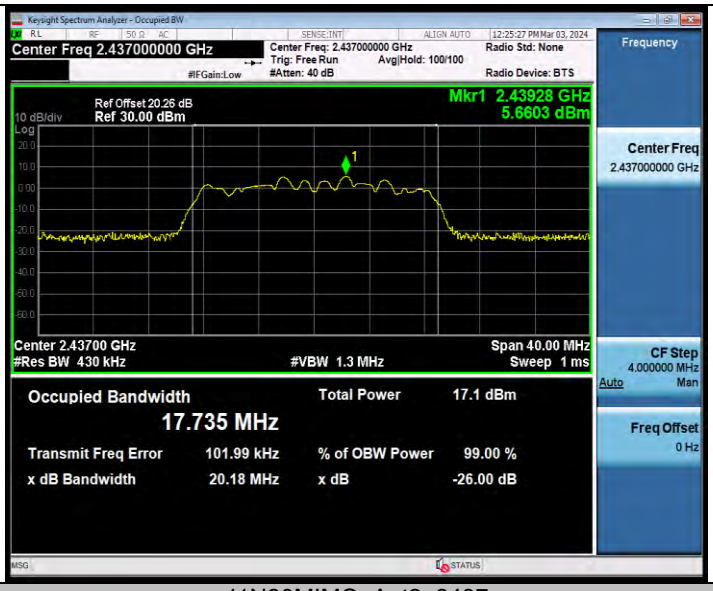
11N20MIMO_Ant1_2412



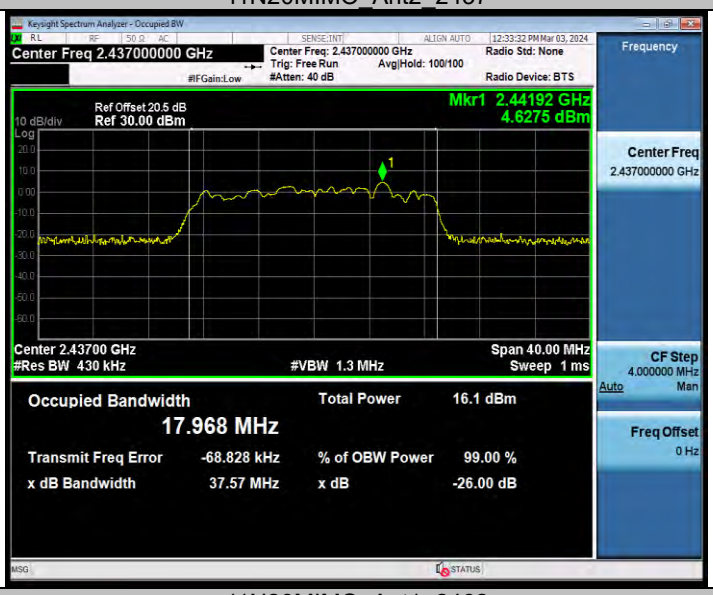
11N20MIMO_Ant2_2412



11N20MIMO_Ant1_2437

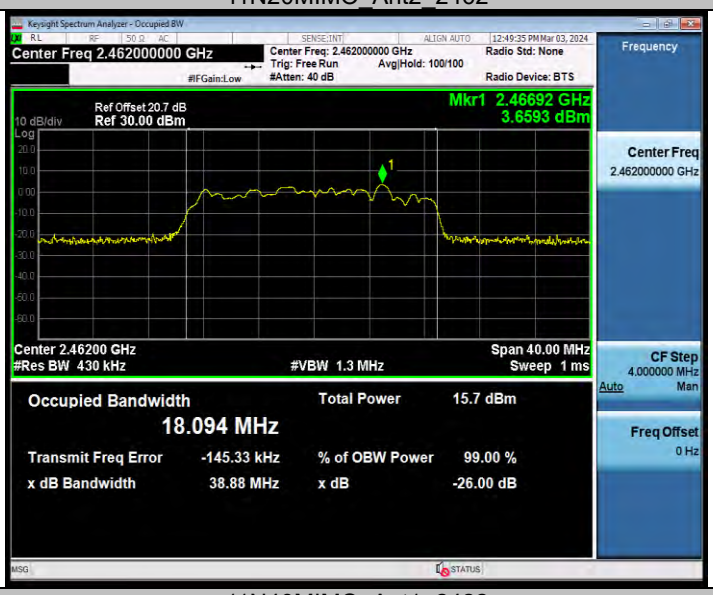


11N20MIMO_Ant2_2437

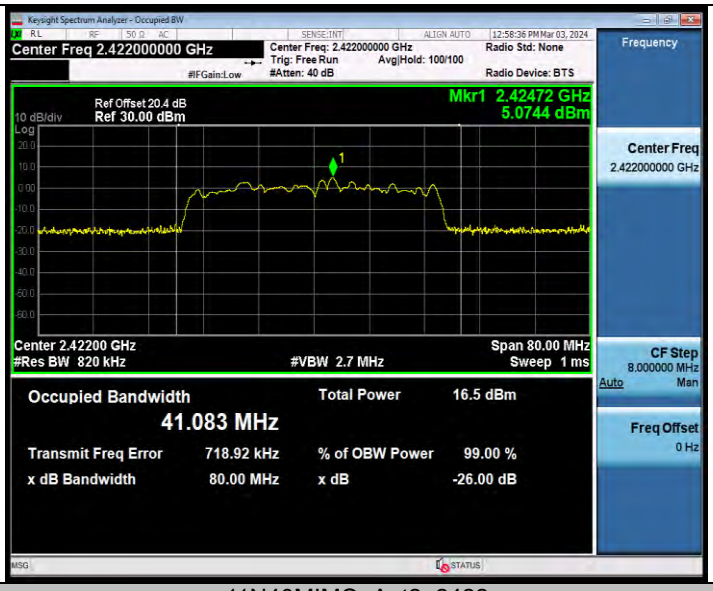


11N20MIMO_Ant1_2462

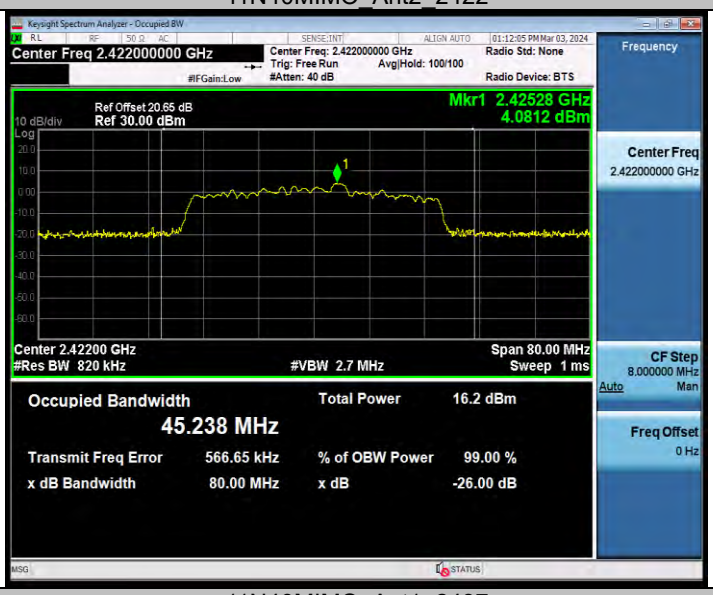
11N20MIMO_Ant2_2462



11N40MIMO_Ant1_2422



11N40MIMO_Ant2_2422

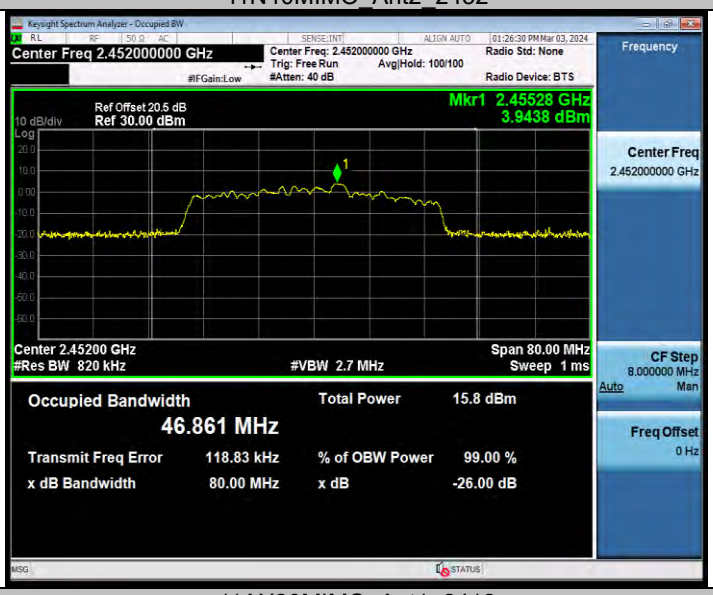


11N40MIMO_Ant1_2437

11N40MIMO_Ant2_2437

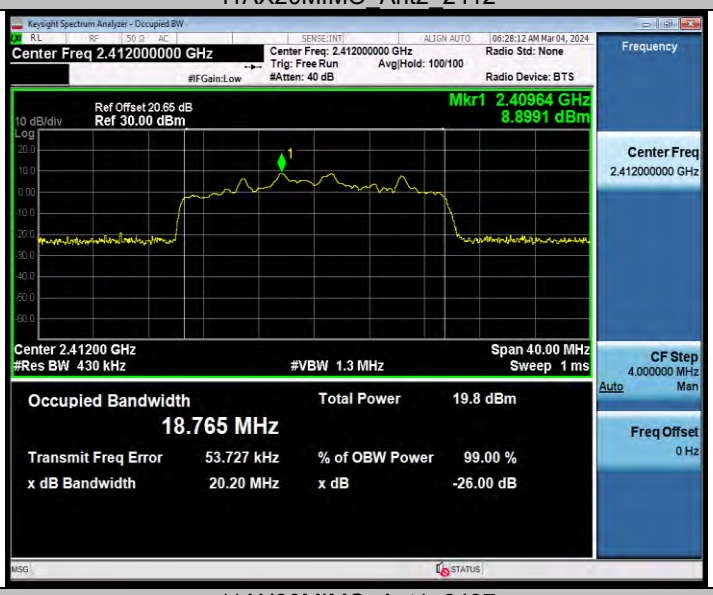
11N40MIMO_Ant1_2452

11N40MIMO_Ant2_2452



11AX20MIMO_Ant1_2412

11AX20MIMO_Ant2_2412

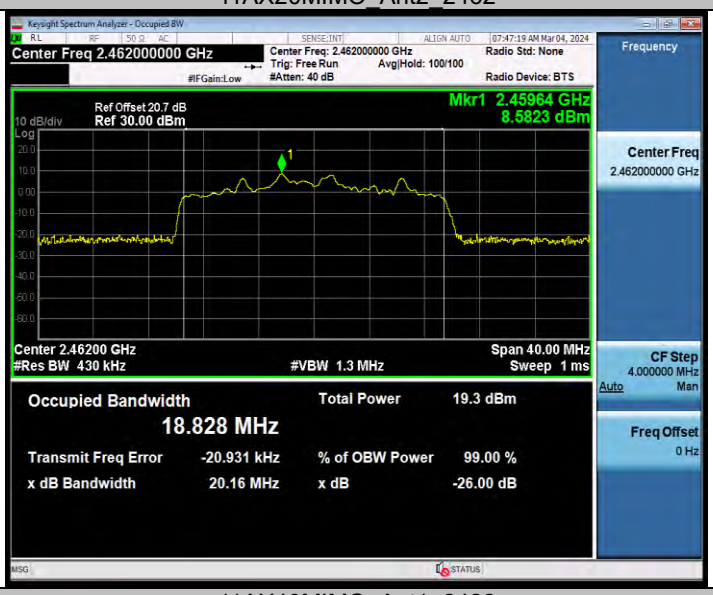


11AX20MIMO_Ant1_2437

11AX20MIMO_Ant2_2437

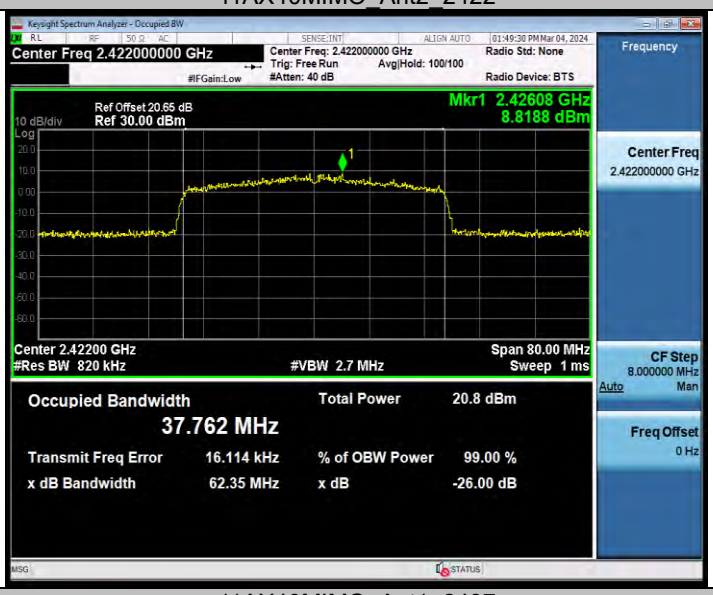
11AX20MIMO_Ant1_2462

11AX20MIMO_Ant2_2462



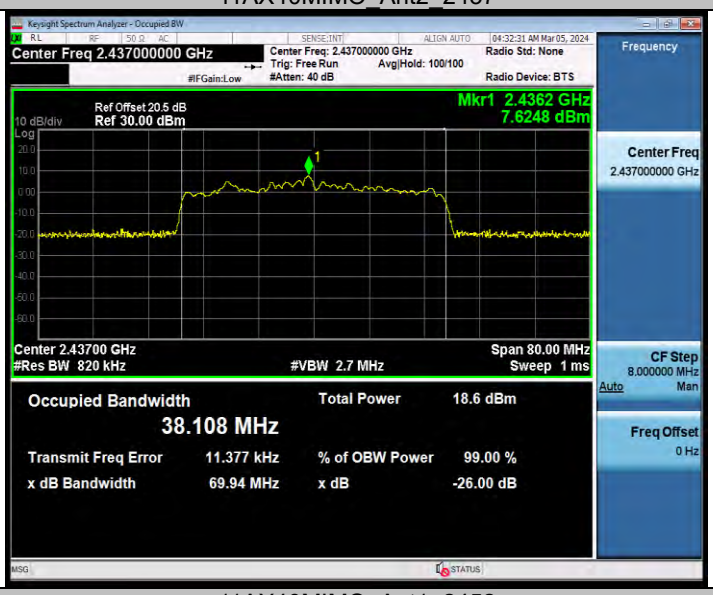
11AX40MIMO_Ant1_2422

11AX40MIMO_Ant2_2422



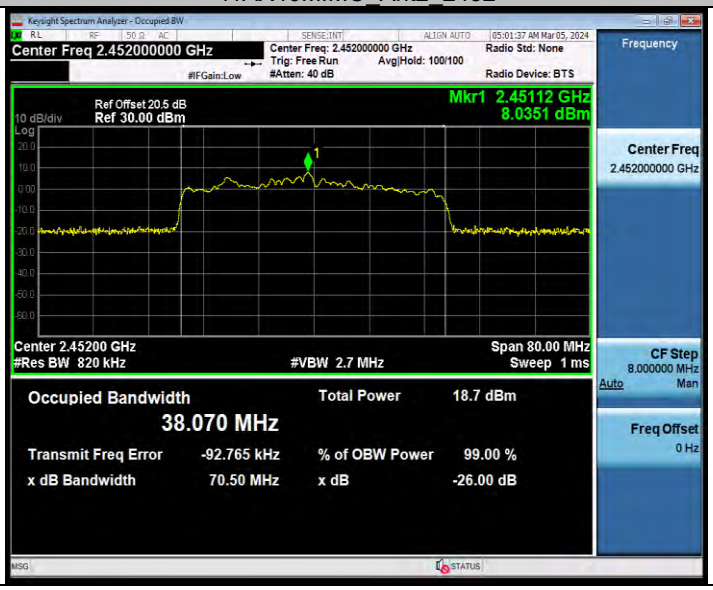
11AX40MIMO_Ant1_2437

11AX40MIMO_Ant2_2437



11AX40MIMO_Ant1_2452

11AX40MIMO_Ant2_2452



MAXIMUM CONDUCTED OUTPUT POWER

TEST RESULT

TestMode	TX Mod.	Frequency [MHz]	Peak power [dBm]			MAX Peak power [mw]	Limit [dBm]	Verdict	Power Setting
			Ant1	Ant2	Total				
11B	SISO	2412	20.31	17.46	-	107.40	≤30.00	PASS	17
		2437	19.55	17.68	-	90.16	≤30.00	PASS	18
		2462	19.57	16.53	-	90.57	≤30.00	PASS	17
	CDD	2437	16.35	15.75	19.07	80.74	≤30.00	PASS	15
		2437	16.59	15.43	19.06	80.52	≤30.00	PASS	15
		2437	16.72	15.97	19.37	86.53	≤30.00	PASS	15
11g	SISO	2412	24.45	23.97	-	278.61	≤30.00	PASS	17
		2437	26.77	25.98	-	475.34	≤30.00	PASS	20.5
		2462	24.55	24.45	-	285.10	≤30.00	PASS	18.5
	CDD	2437	24.61	23.42	27.07	508.85	≤30.00	PASS	16.5
		2437	24.33	23.98	27.17	521.05	≤30.00	PASS	17
		2437	24.49	23.87	27.2	524.97	≤30.00	PASS	17
11N20	SISO	2412	19.87	19.46	-	97.05	≤30.00	PASS	11
		2437	25.94	25.82	-	392.64	≤30.00	PASS	19
		2462	25.76	25.49	-	376.70	≤30.00	PASS	19
	MIMO	2437	23.74	22.99	26.39	435.66	≤30.00	PASS	15
		2437	23.67	23.47	26.58	455.14	≤30.00	PASS	16
		2437	24.14	23.55	26.87	485.88	≤30.00	PASS	16
11N40	SISO	2422	22.14	21.98	-	163.68	≤30.00	PASS	13
		2437	25.42	25.28	-	348.34	≤30.00	PASS	18.5
		2452	23.45	23.15	-	221.31	≤30.00	PASS	15
	MIMO	2422	18.21	17.89	21.06	127.74	≤30.00	PASS	14.5
		2437	18.67	18.2	21.45	139.69	≤30.00	PASS	15
		2452	18.32	17.68	21.02	126.53	≤30.00	PASS	14.5
11AX20	SISO	2412	25.34	24.77	-	341.98	≤30.00	PASS	15.5
		2437	26.6	26.3	-	457.09	≤30.00	PASS	17
		2462	26.43	26.3	-	439.54	≤30.00	PASS	17
	MIMO	2437	23.97	23.08	26.56	452.70	≤30.00	PASS	16.5
		2437	23.72	23.6	26.67	464.59	≤30.00	PASS	17
		2437	24.01	23.87	26.95	495.55	≤30.00	PASS	17
11AX40	SISO	2422	21.26	20.87	-	133.66	≤30.00	PASS	13
		2437	25.5	25.34	-	354.81	≤30.00	PASS	18.5
		2452	21.48	20.79	-	140.60	≤30.00	PASS	13
	MIMO	2422	23.14	23.09	26.13	409.77	≤30.00	PASS	16

		2437	23.11	23.05	26.09	406.48	≤30.00	PASS	16
		2452	21.87	20.81	24.38	274.32	≤30.00	PASS	13.5

TestMode	TX Mod.	Frequency [MHz]	Gain [dBi]			EIRP [dBm]			MAX EIRP [mw]	EIRP Limit [dBm]	Verdict	Power Setting
			Ant1	Ant2	Derected Gain	Ant1	Ant2	Total				
11B	SISO	2412	2.5	2.5	-	22.81	19.96	-	190.99	≤36.00	PASS	17
		2437	2.5	2.5	-	22.05	20.18	-	160.32	≤36.00	PASS	18
		2462	2.5	2.5	-	22.07	19.03	-	161.06	≤36.00	PASS	17
	CDD	2437	2.5	2.5	2.5	18.85	18.25	21.57	143.57	≤36.00	PASS	15
		2437	2.5	2.5	2.5	19.09	17.93	21.56	143.18	≤36.00	PASS	15
		2437	2.5	2.5	2.5	19.22	18.47	21.87	153.87	≤36.00	PASS	15
11g	SISO	2412	2.5	2.5	-	26.95	26.47	-	495.45	≤36.00	PASS	17
		2437	2.5	2.5	-	29.27	28.48	-	845.28	≤36.00	PASS	20.5
		2462	2.5	2.5	-	27.05	26.95	-	506.99	≤36.00	PASS	18.5
	CDD	2437	2.5	2.5	2.5	27.11	25.92	29.57	904.88	≤36.00	PASS	16.5
		2437	2.5	2.5	2.5	26.83	26.48	29.67	926.58	≤36.00	PASS	17
		2437	2.5	2.5	2.5	26.99	26.37	29.70	933.55	≤36.00	PASS	17
11N20	SISO	2412	2.5	2.5	-	22.37	21.96	-	172.58	≤36.00	PASS	11
		2437	2.5	2.5	-	28.44	28.32	-	698.23	≤36.00	PASS	19
		2462	2.5	2.5	-	28.26	27.99	-	669.88	≤36.00	PASS	19
	MIMO	2437	2.5	2.5	2.5	26.24	25.49	28.89	774.72	≤36.00	PASS	15
		2437	2.5	2.5	2.5	26.17	25.97	29.08	809.37	≤36.00	PASS	16
		2437	2.5	2.5	2.5	26.64	26.05	29.37	864.03	≤36.00	PASS	16
11N40	SISO	2422	2.5	2.5	-	24.64	24.48	-	291.07	≤36.00	PASS	13
		2437	2.5	2.5	-	27.92	27.78	-	619.44	≤36.00	PASS	18.5
		2452	2.5	2.5	-	25.95	25.65	-	393.55	≤36.00	PASS	15
	MIMO	2422	2.5	2.5	2.5	20.71	20.39	23.56	227.16	≤36.00	PASS	14.5
		2437	2.5	2.5	2.5	21.17	20.7	23.95	248.41	≤36.00	PASS	15
		2452	2.5	2.5	2.5	20.82	20.18	23.52	225.01	≤36.00	PASS	14.5
11AX20	SISO	2412	2.5	2.5	-	27.84	27.27	-	608.14	≤36.00	PASS	15.5
		2437	2.5	2.5	-	29.1	28.8	-	812.83	≤36.00	PASS	17
		2462	2.5	2.5	2.5	28.93	28.8	-	781.63	≤36.00	PASS	17
	MIMO	2437	2.5	2.5	2.5	26.47	25.58	29.06	805.02	≤36.00	PASS	16.5
		2437	2.5	2.5	2.5	26.22	26.1	29.17	826.17	≤36.00	PASS	17
		2437	2.5	2.5	2.5	26.51	26.37	29.45	881.22	≤36.00	PASS	17
11AX40	SISO	2422	2.5	2.5	-	23.76	23.37	-	237.68	≤36.00	PASS	13
		2437	2.5	2.5	-	28	27.84	-	630.96	≤36.00	PASS	18.5
		2452	2.5	2.5	-	23.98	23.29	-	250.03	≤36.00	PASS	13
	MIMO	2422	2.5	2.5	2.5	25.64	25.59	28.63	728.68	≤36.00	PASS	16

	2437	2.5	2.5	2.5	25.61	25.55	28.59	722.84	≤36.00	PASS	16
	2452	2.5	2.5	2.5	24.37	23.31	26.88	487.82	≤36.00	PASS	13.5

MAXIMUM POWER SPECTRAL DENSITY

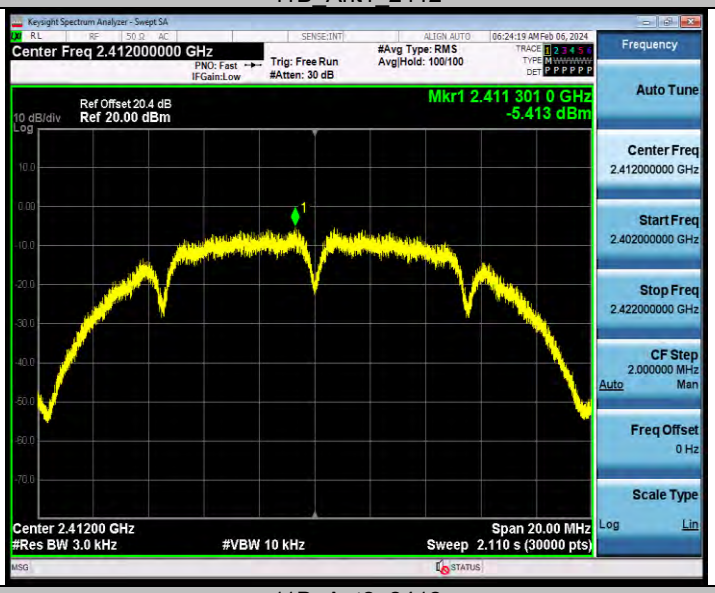
TEST RESULT

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-5.41	≤8.00	PASS
	Ant2	2412	-6.78	≤8.00	PASS
	Ant1	2437	-6.55	≤8.00	PASS
	Ant2	2437	-6.29	≤8.00	PASS
	Ant1	2462	-5.66	≤8.00	PASS
	Ant2	2462	-6.90	≤8.00	PASS
11G	Ant1	2412	0.59	≤8.00	PASS
	Ant2	2412	0.60	≤8.00	PASS
	Ant1	2437	0.13	≤8.00	PASS
	Ant2	2437	0.51	≤8.00	PASS
	Ant1	2462	-0.68	≤8.00	PASS
	Ant2	2462	0.72	≤8.00	PASS
11N20SISO	Ant1	2412	0.06	≤8.00	PASS
	Ant2	2412	-0.84	≤8.00	PASS
	Ant1	2437	-0.30	≤8.00	PASS
	Ant2	2437	-0.65	≤8.00	PASS
	Ant1	2462	-0.51	≤8.00	PASS
	Ant2	2462	-0.47	≤8.00	PASS
11N40SISO	Ant1	2422	-5.53	≤8.00	PASS
	Ant2	2422	-1.35	≤8.00	PASS
	Ant1	2437	-4.44	≤8.00	PASS
	Ant2	2437	-0.90	≤8.00	PASS
	Ant1	2452	-4.16	≤8.00	PASS
	Ant2	2452	-1.42	≤8.00	PASS
11AX20SISO	Ant1	2412	-7.30	≤8.00	PASS
	Ant2	2412	-6.06	≤8.00	PASS
	Ant1	2437	-8.30	≤8.00	PASS
	Ant2	2437	-8.68	≤8.00	PASS
	Ant1	2462	-8.12	≤8.00	PASS
	Ant2	2462	-8.95	≤8.00	PASS
11AX40SISO	Ant1	2422	-8.60	≤8.00	PASS
	Ant2	2422	-7.98	≤8.00	PASS
	Ant1	2437	-8.75	≤8.00	PASS
	Ant2	2437	-8.45	≤8.00	PASS
	Ant1	2452	-8.08	≤8.00	PASS
	Ant2	2452	-7.60	≤8.00	PASS
11B-CDD	Ant1	2412	-7.82	≤8.00	PASS
	Ant2	2412	-9.42	≤8.00	PASS
	total	2412	-5.54	≤8.00	PASS
	Ant1	2437	-9.56	≤8.00	PASS
	Ant2	2437	-9.69	≤8.00	PASS
	total	2437	-6.61	≤8.00	PASS
	Ant1	2462	-8.14	≤8.00	PASS
	Ant2	2462	-9.43	≤8.00	PASS
	total	2462	-5.73	≤8.00	PASS
11G-CDD	Ant1	2412	-2.28	≤8.00	PASS
	Ant2	2412	-2.45	≤8.00	PASS
	total	2412	0.65	≤8.00	PASS
	Ant1	2437	-3.22	≤8.00	PASS
	Ant2	2437	-2.98	≤8.00	PASS
	total	2437	-0.09	≤8.00	PASS

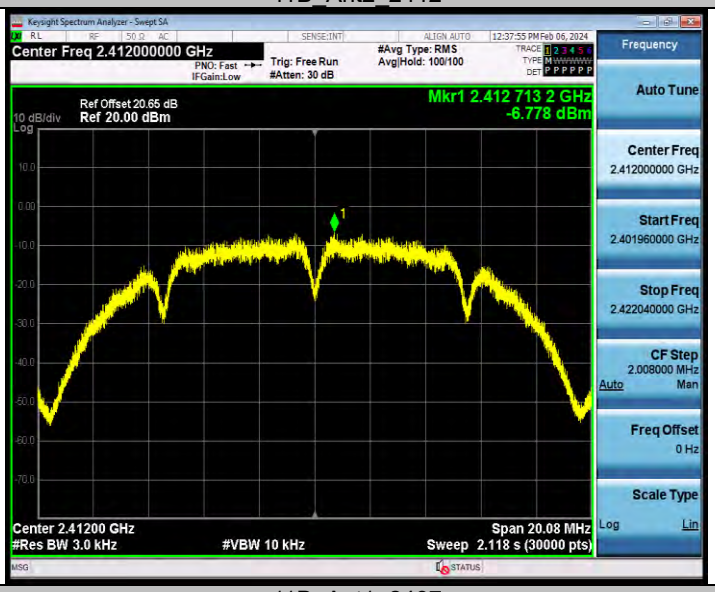
	Ant1	2462	-3.07	≤8.00	PASS
	Ant2	2462	-3.60	≤8.00	PASS
	total	2462	-0.32	≤8.00	PASS
11N20MIMO	Ant1	2412	0.92	≤8.00	PASS
	Ant2	2412	4.07	≤8.00	PASS
	total	2412	5.78	≤8.00	PASS
	Ant1	2437	-0.48	≤8.00	PASS
	Ant2	2437	-0.69	≤8.00	PASS
	total	2437	2.43	≤8.00	PASS
	Ant1	2462	0.07	≤8.00	PASS
	Ant2	2462	-1.22	≤8.00	PASS
	total	2462	2.48	≤8.00	PASS
11N40MIMO	Ant1	2422	-8.56	≤8.00	PASS
	Ant2	2422	-8.71	≤8.00	PASS
	total	2422	-5.62	≤8.00	PASS
	Ant1	2437	-8.72	≤8.00	PASS
	Ant2	2437	-8.38	≤8.00	PASS
	total	2437	-5.54	≤8.00	PASS
	Ant1	2452	-6.28	≤8.00	PASS
	Ant2	2452	-8.84	≤8.00	PASS
	total	2452	-4.36	≤8.00	PASS
11AX20MIMO	Ant1	2412	-2.01	≤8.00	PASS
	Ant2	2412	-4.36	≤8.00	PASS
	total	2412	-0.02	≤8.00	PASS
	Ant1	2437	-4.32	≤8.00	PASS
	Ant2	2437	-4.66	≤8.00	PASS
	total	2437	-1.48	≤8.00	PASS
	Ant1	2462	-3.29	≤8.00	PASS
	Ant2	2462	-4.95	≤8.00	PASS
	total	2462	-1.03	≤8.00	PASS
11AX40MIMO	Ant1	2422	-7.20	≤8.00	PASS
	Ant2	2422	-6.64	≤8.00	PASS
	total	2422	-3.90	≤8.00	PASS
	Ant1	2437	-7.39	≤8.00	PASS
	Ant2	2437	-7.43	≤8.00	PASS
	total	2437	-4.40	≤8.00	PASS
	Ant1	2452	-6.47	≤8.00	PASS
	Ant2	2452	-7.37	≤8.00	PASS
	total	2452	-3.89	≤8.00	PASS

TEST GRAPHS

11B_Ant1_2412

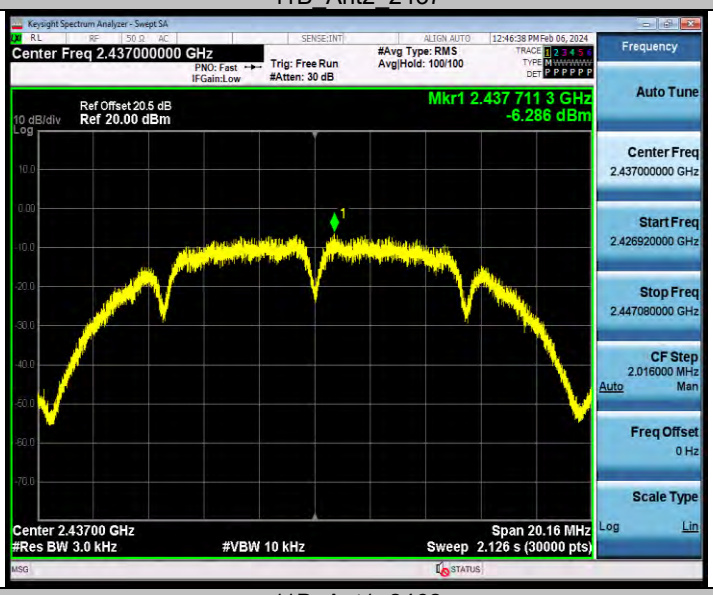


11B_Ant2_2412



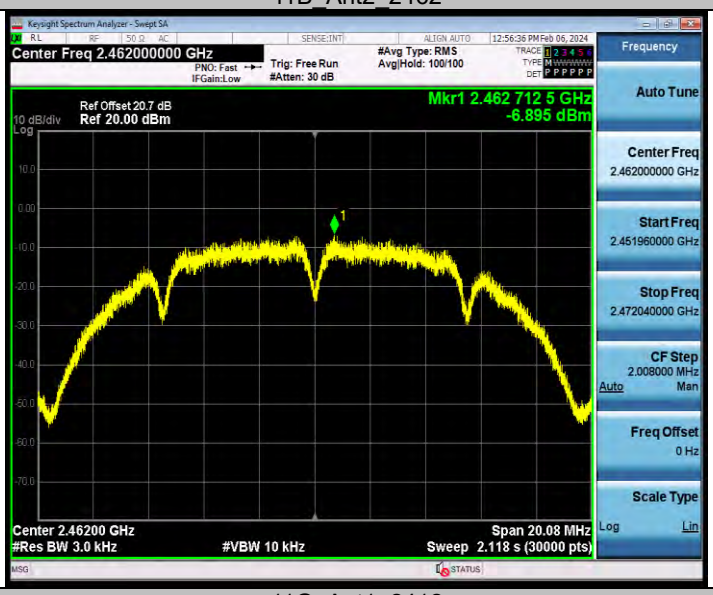
11B_Ant1_2437

11B_Ant2_2437

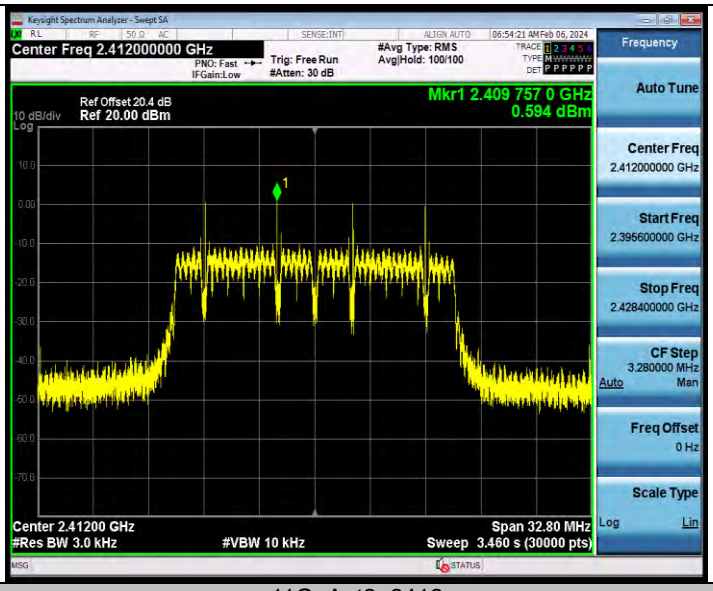


11B_Ant1_2462

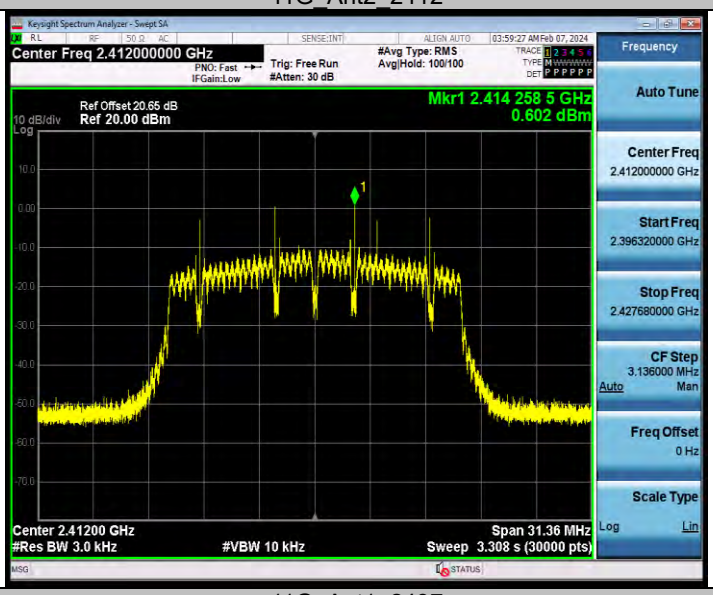
11B_Ant2_2462



11G_Ant1_2412



11G_Ant2_2412



11G_Ant1_2437