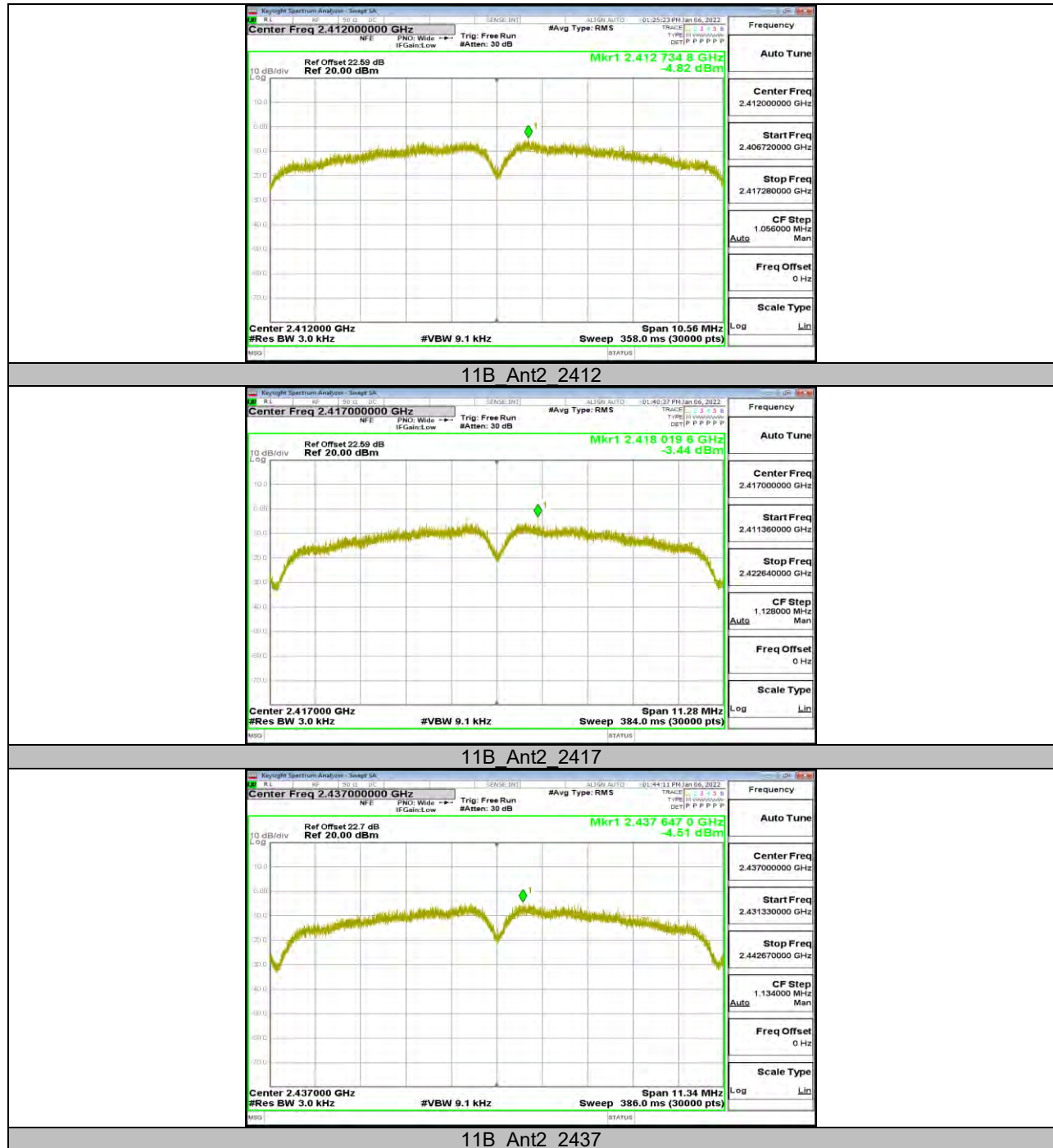
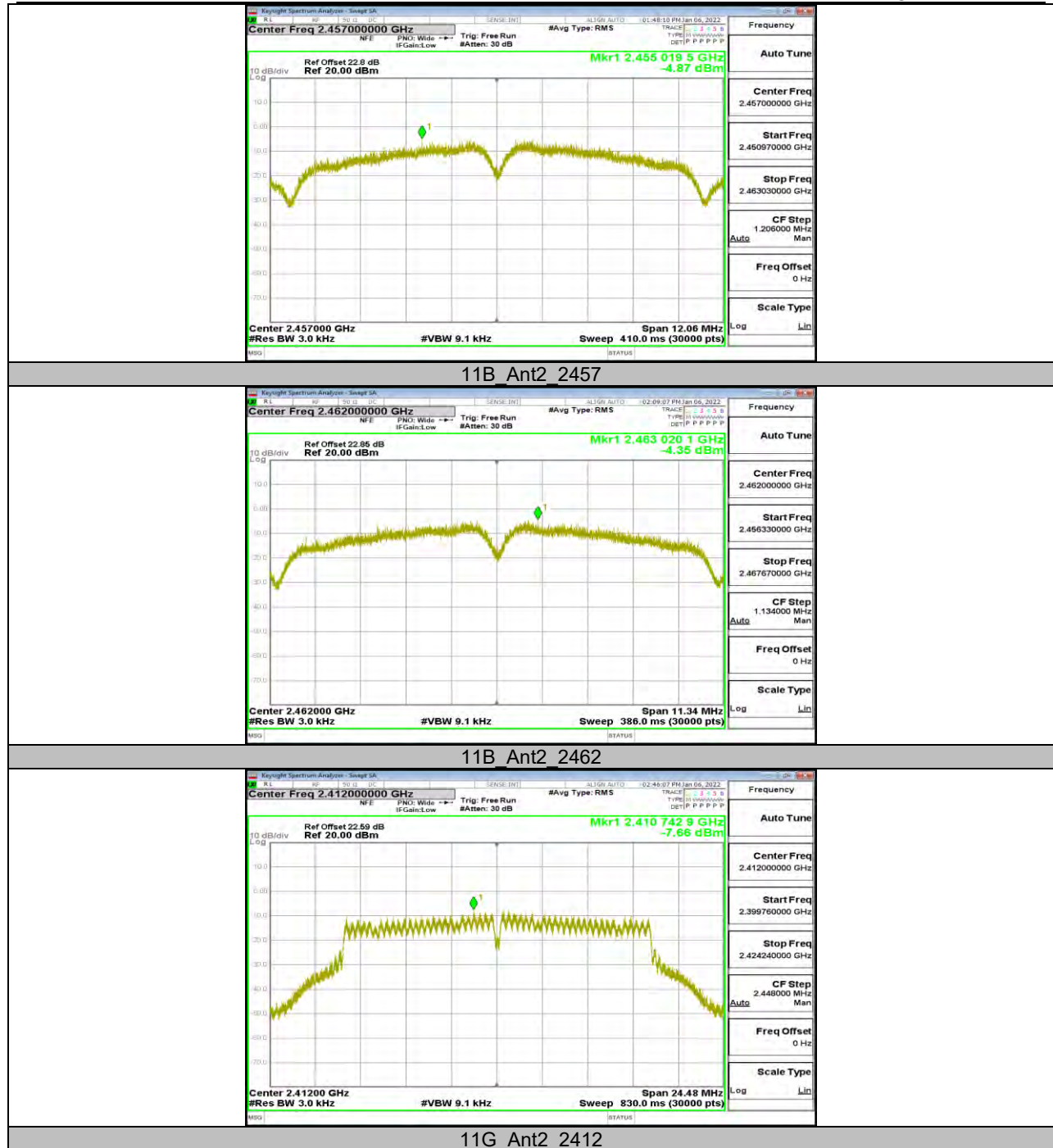


## 11.4.2. Test Graphs







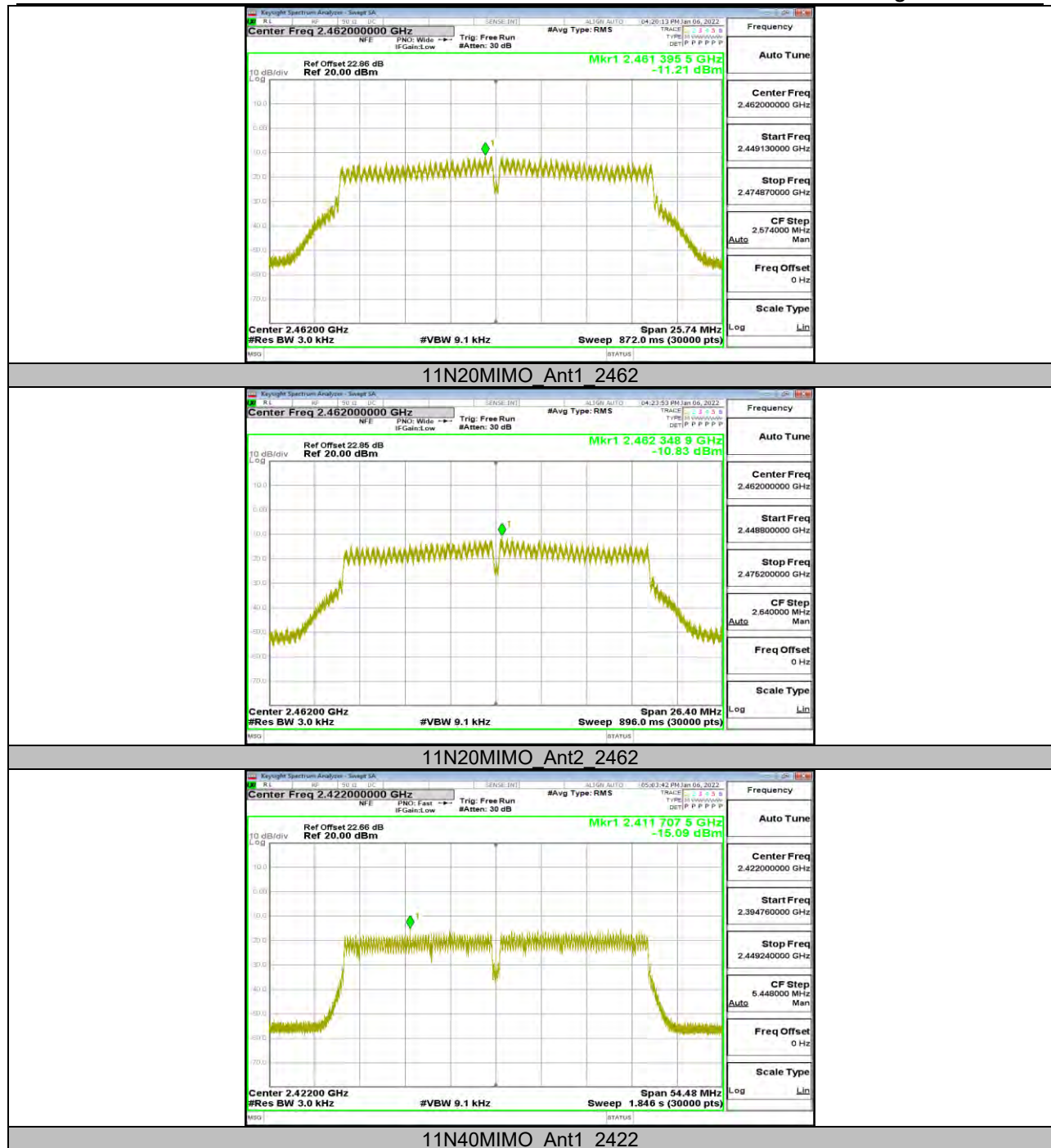


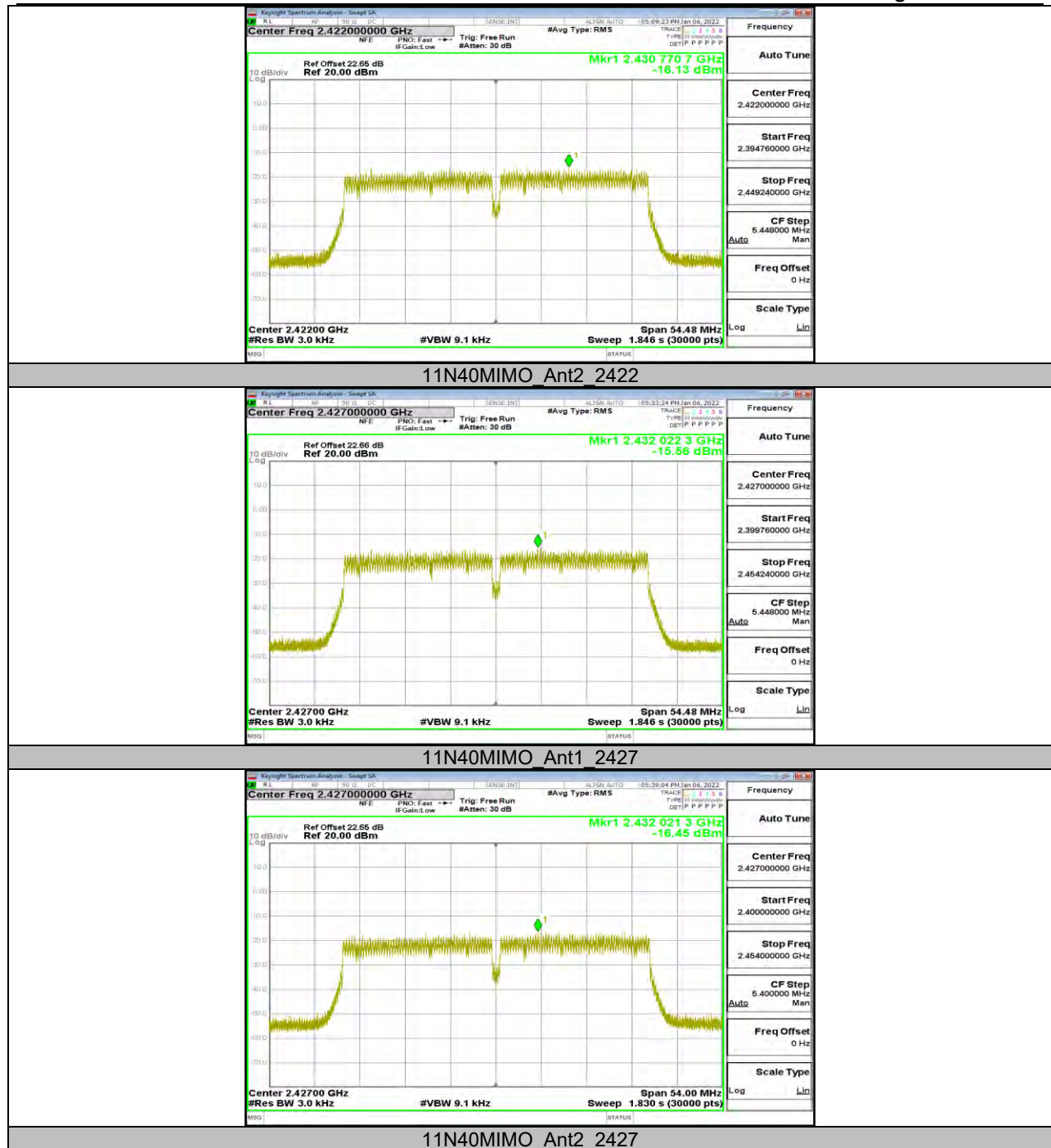




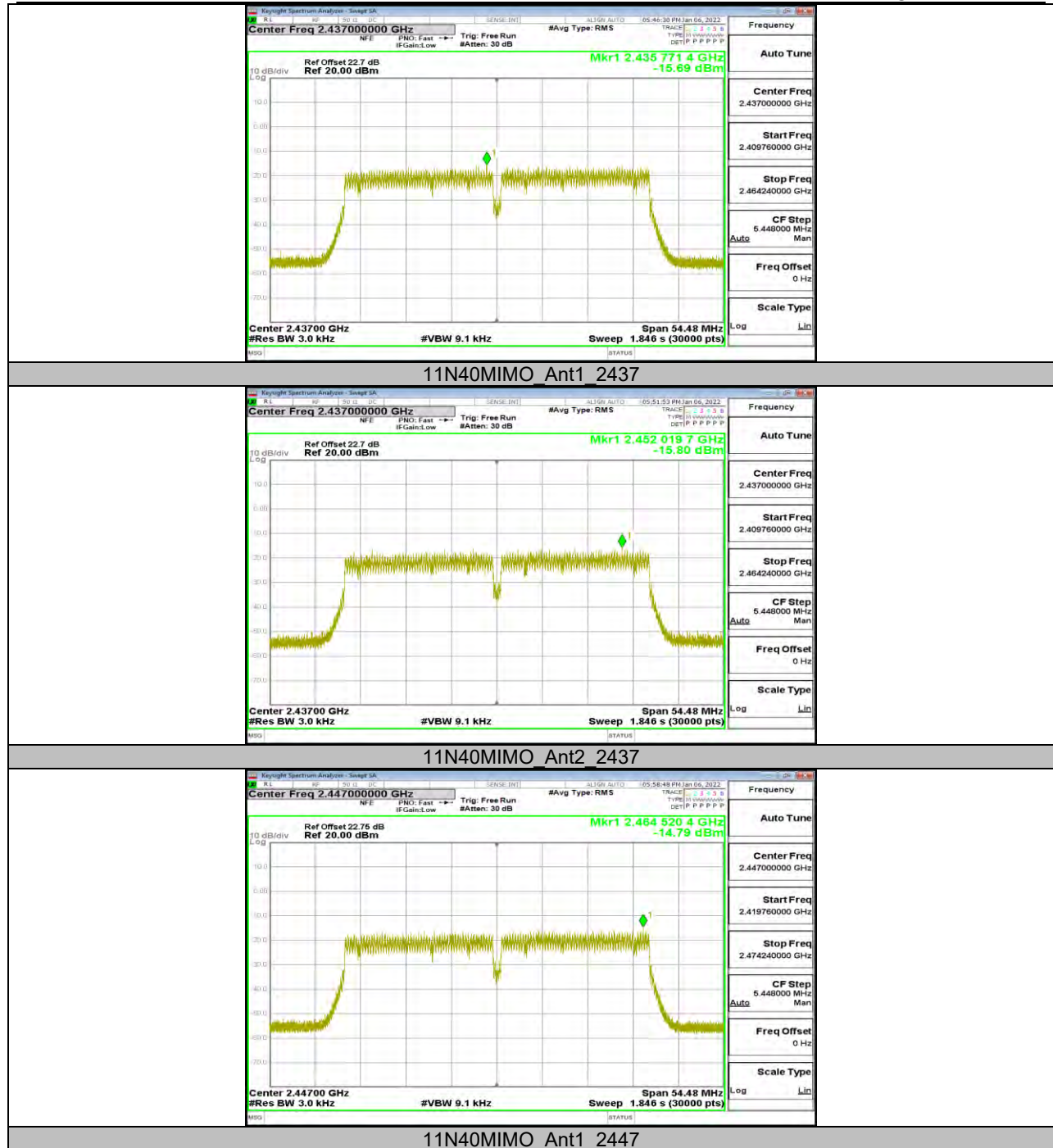


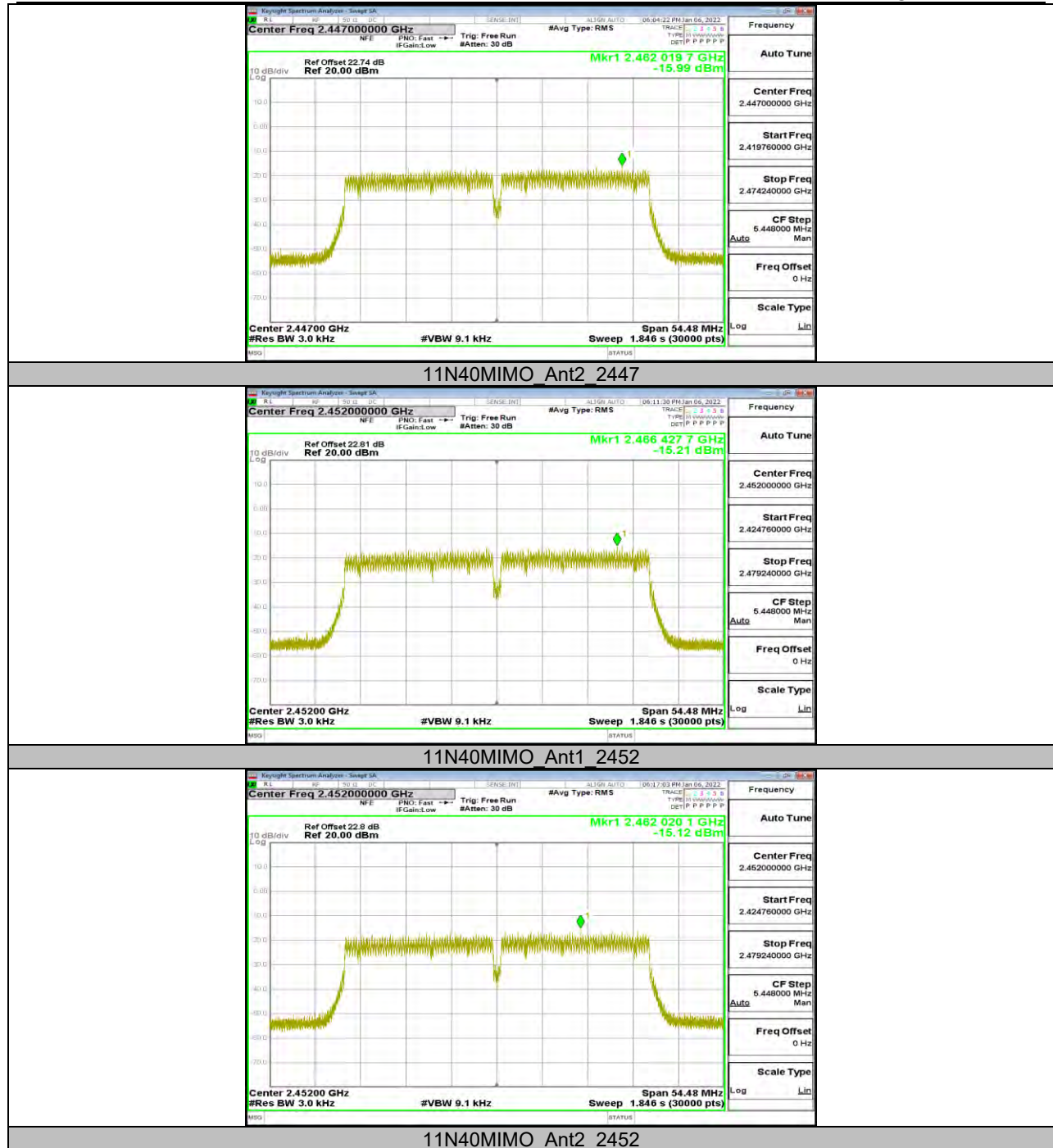


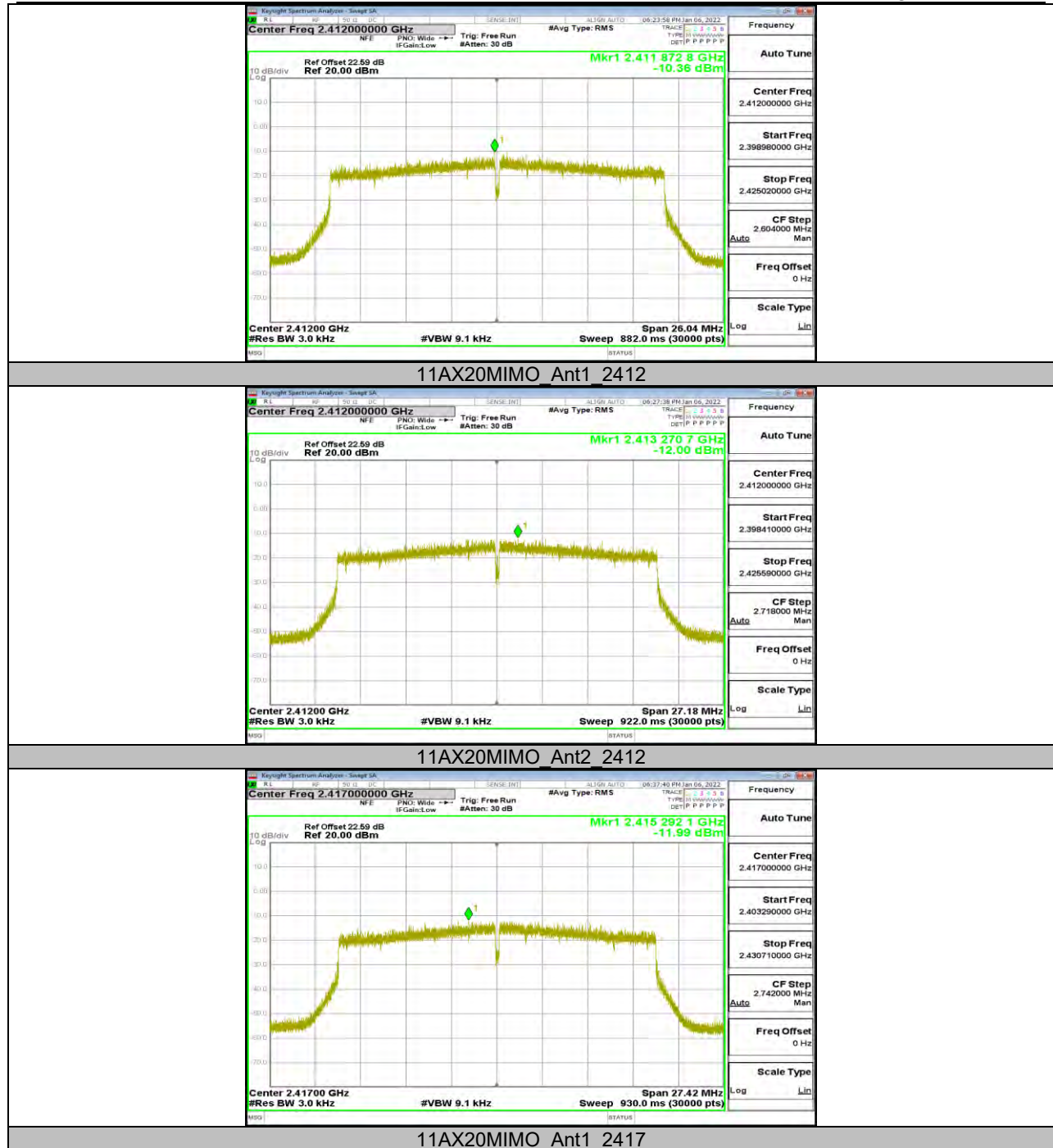




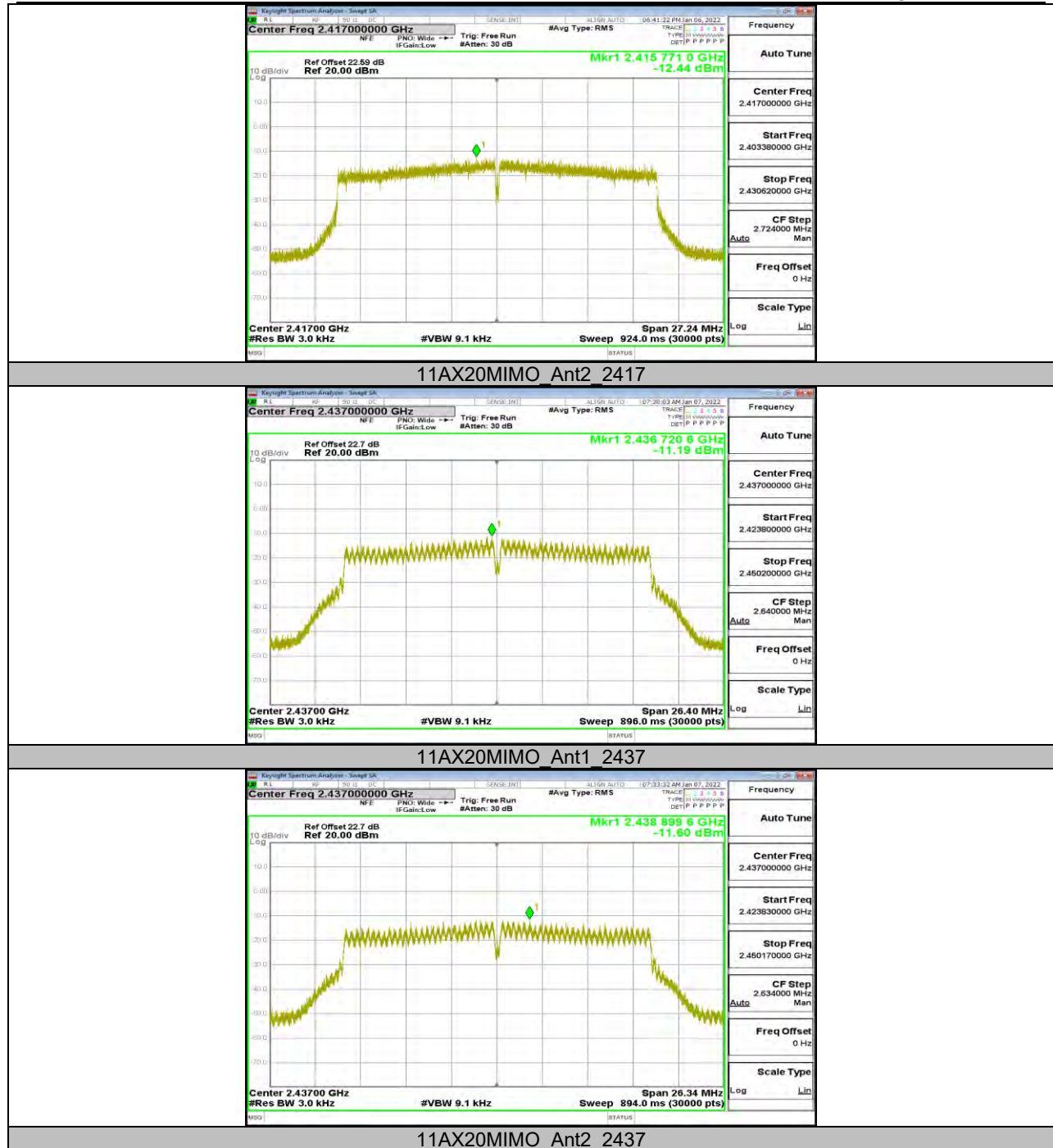




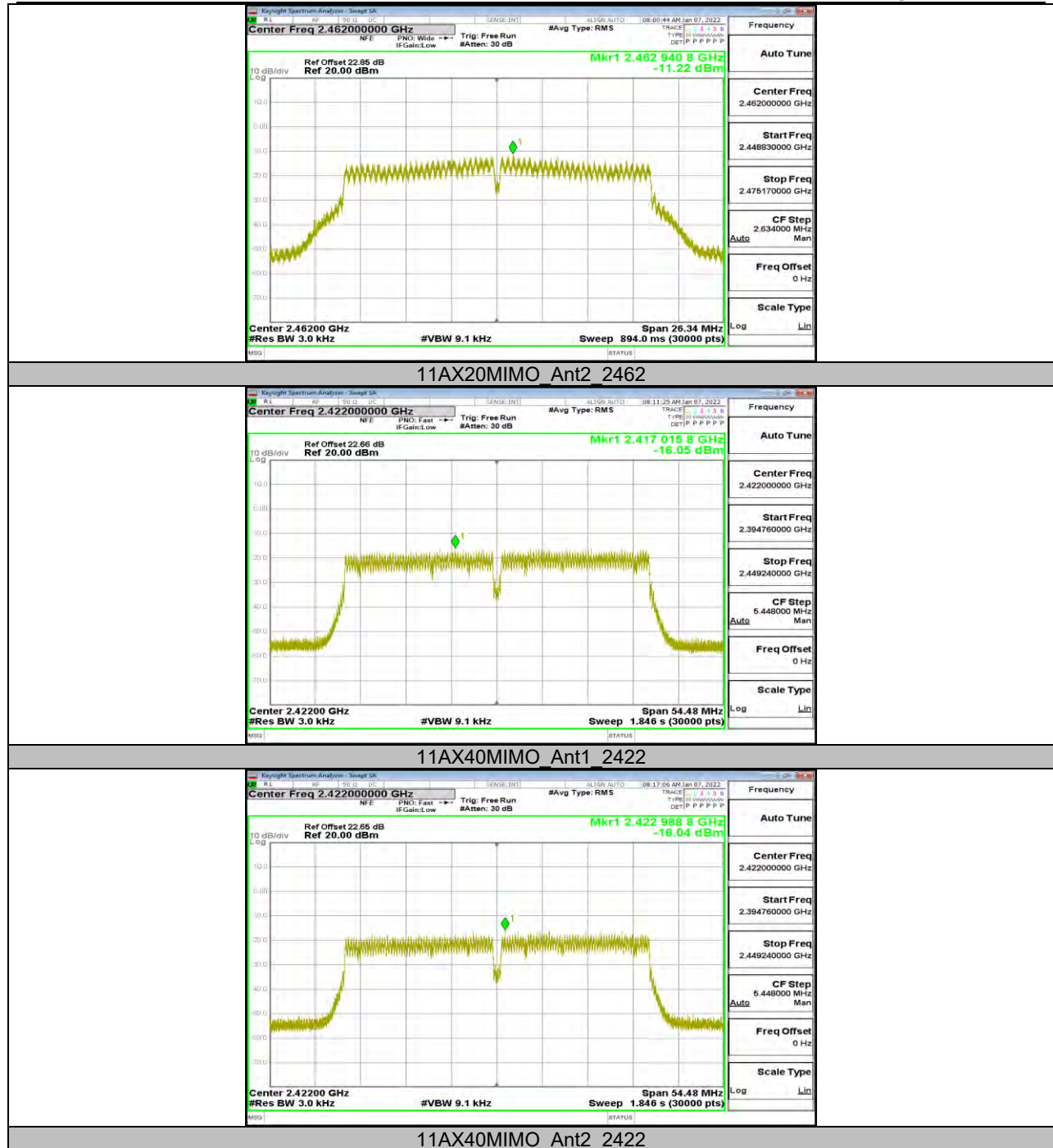




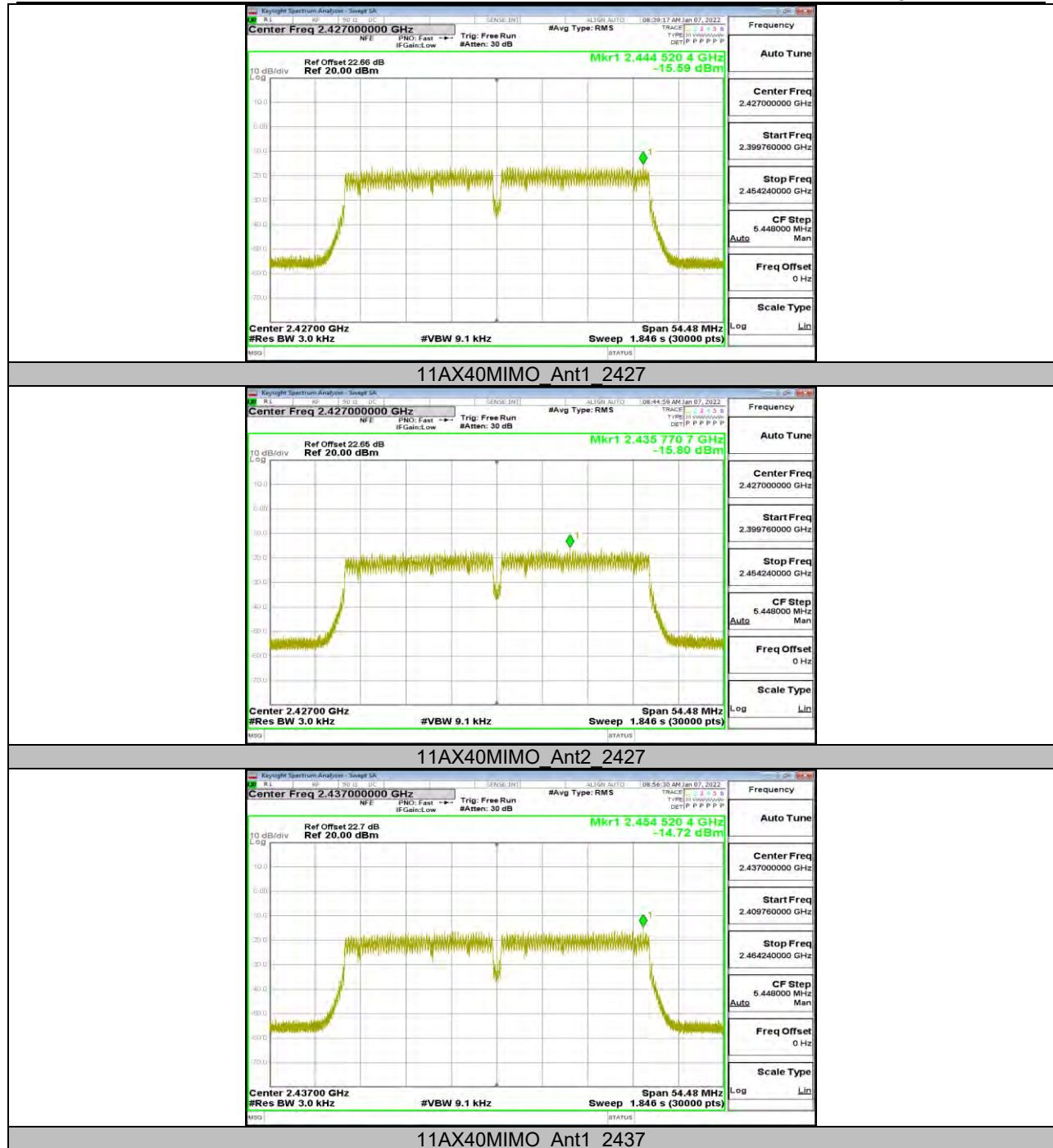


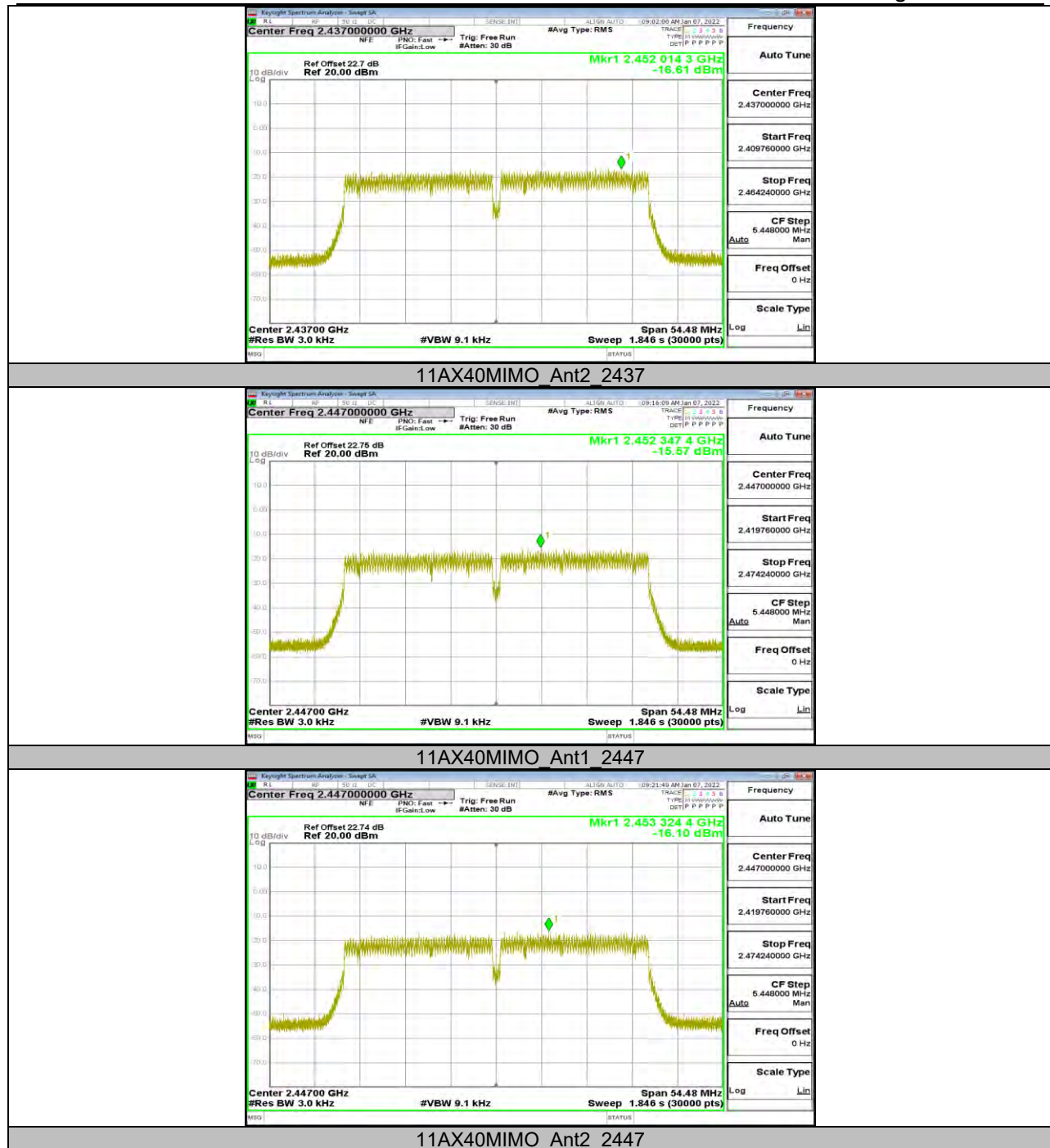


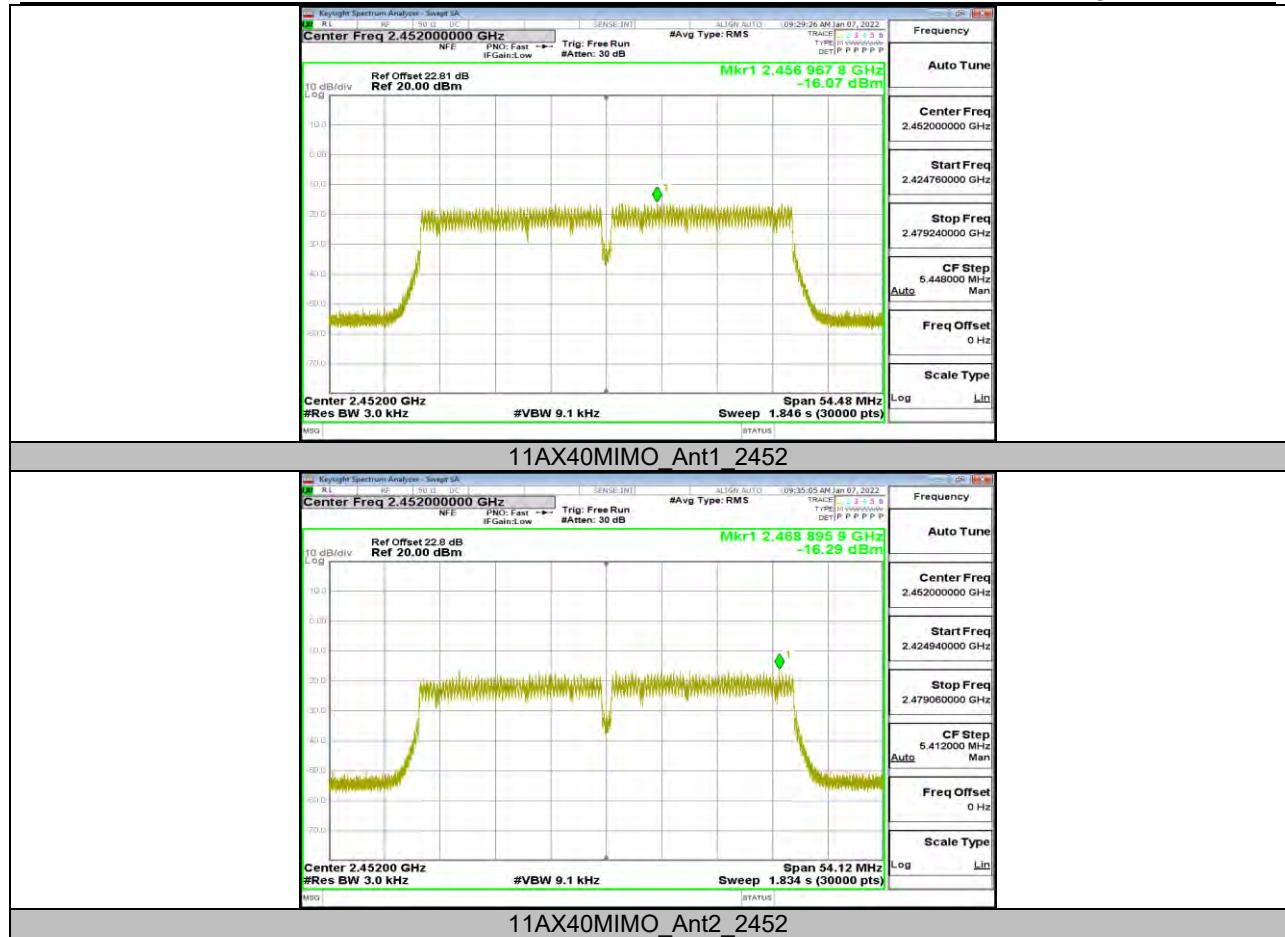
















## 11.5. Appendix E: Band edge measurements

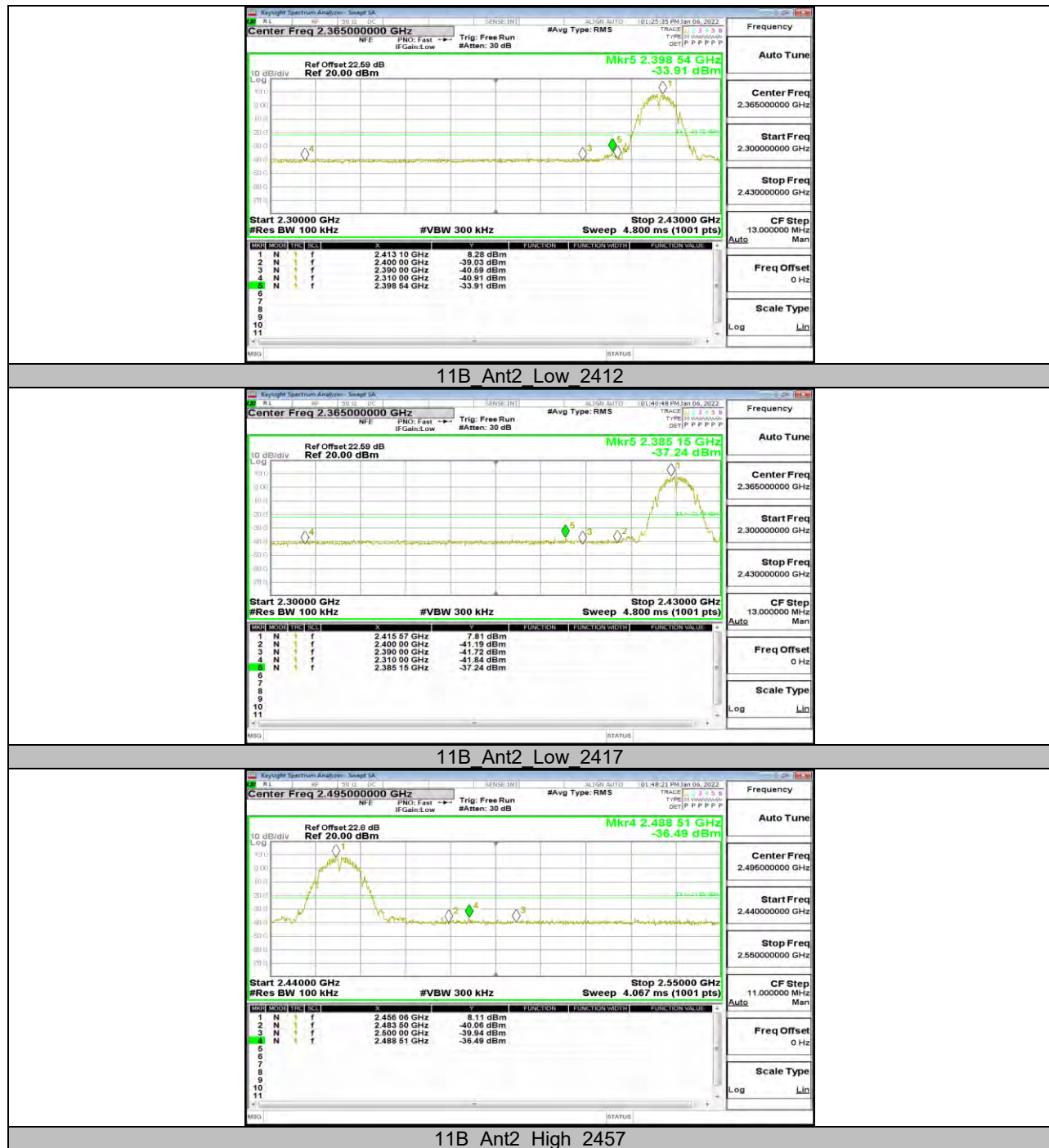
### 11.5.1. Test Result

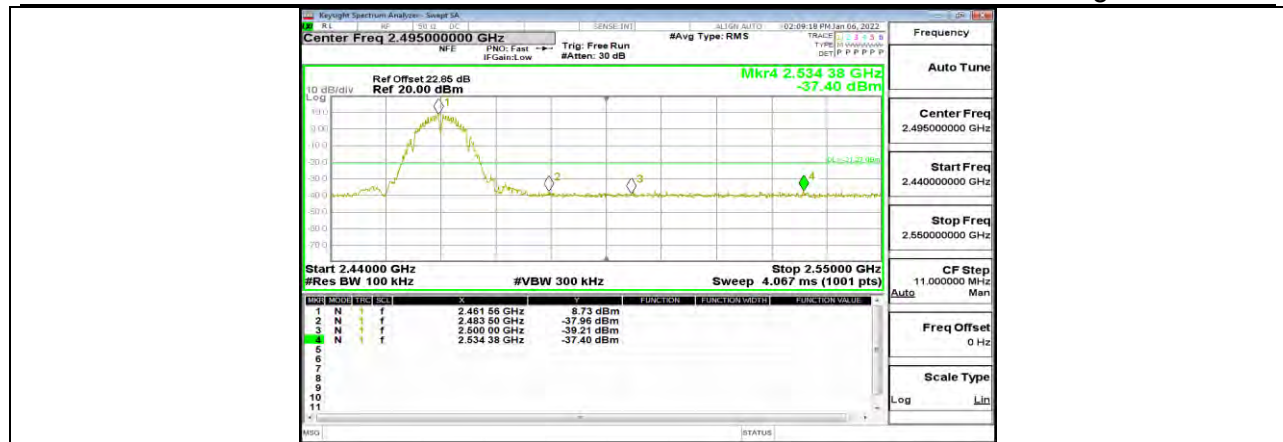
Test Mode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant2	Low	2412	8.28	-33.91	≤-21.72	PASS
			2417	7.81	-37.24	≤-22.19	PASS
		High	2457	8.11	-36.5	≤-21.89	PASS
			2462	8.73	-37.4	≤-21.27	PASS
11G	Ant2	Low	2412	3.94	-30.37	≤-26.06	PASS
			2417	3.66	-35.88	≤-26.34	PASS
		High	2457	3.34	-36.87	≤-26.66	PASS
			2462	3.56	-35.37	≤-26.44	PASS
11N20MIMO	Ant1	Low	2412	0.82	-37.27	≤-29.18	PASS
	Ant2	Low	2412	0.85	-35.88	≤-29.15	PASS
	Ant1	Low	2417	0.75	-37.9	≤-29.25	PASS
	Ant2	Low	2417	0.96	-37.49	≤-29.05	PASS
	Ant1	High	2457	0.91	-37.08	≤-29.09	PASS
	Ant2	High	2457	0.24	-37.1	≤-29.76	PASS
	Ant1	High	2462	0.75	-35.63	≤-29.25	PASS
	Ant2	High	2462	0.92	-36.08	≤-29.08	PASS
11N40MIMO	Ant1	Low	2422	-2.40	-37.88	≤-32.4	PASS
	Ant2	Low	2422	-2.50	-36.18	≤-32.5	PASS
	Ant1	Low	2427	-2.53	-37.42	≤-32.53	PASS
	Ant2	Low	2427	-3.26	-35.04	≤-33.26	PASS
	Ant1	High	2447	-2.37	-37.88	≤-32.37	PASS
	Ant2	High	2447	-2.87	-37.35	≤-32.87	PASS
	Ant1	High	2452	-2.66	-37.72	≤-32.66	PASS
	Ant2	High	2452	-2.83	-35.44	≤-32.83	PASS
11AX20MIMO	Ant1	Low	2412	1.27	-34.81	≤-28.73	PASS
	Ant2	Low	2412	0.56	-33.15	≤-29.44	PASS
	Ant1	Low	2417	0.91	-38.04	≤-29.09	PASS
	Ant2	Low	2417	0.90	-36.93	≤-29.1	PASS
	Ant1	High	2457	0.25	-37.78	≤-29.75	PASS
	Ant2	High	2457	0.10	-37.42	≤-29.9	PASS
	Ant1	High	2462	0.58	-37.51	≤-29.42	PASS
	Ant2	High	2462	1.25	-37.5	≤-28.75	PASS
11AX40MIMO	Ant1	Low	2422	-2.94	-37.01	≤-32.94	PASS
	Ant2	Low	2422	-2.85	-35.82	≤-32.85	PASS
	Ant1	Low	2427	-2.58	-37.5	≤-32.58	PASS
	Ant2	Low	2427	-3.04	-37.35	≤-33.04	PASS
	Ant1	High	2447	-2.51	-37.68	≤-32.51	PASS
	Ant2	High	2447	-3.05	-37	≤-33.05	PASS
	Ant1	High	2452	-2.56	-37.42	≤-32.56	PASS
	Ant2	High	2452	-3.10	-36.83	≤-33.1	PASS

Note: Note: All modes, channels and antenna have been tested, only the worst data was recorded in the report.

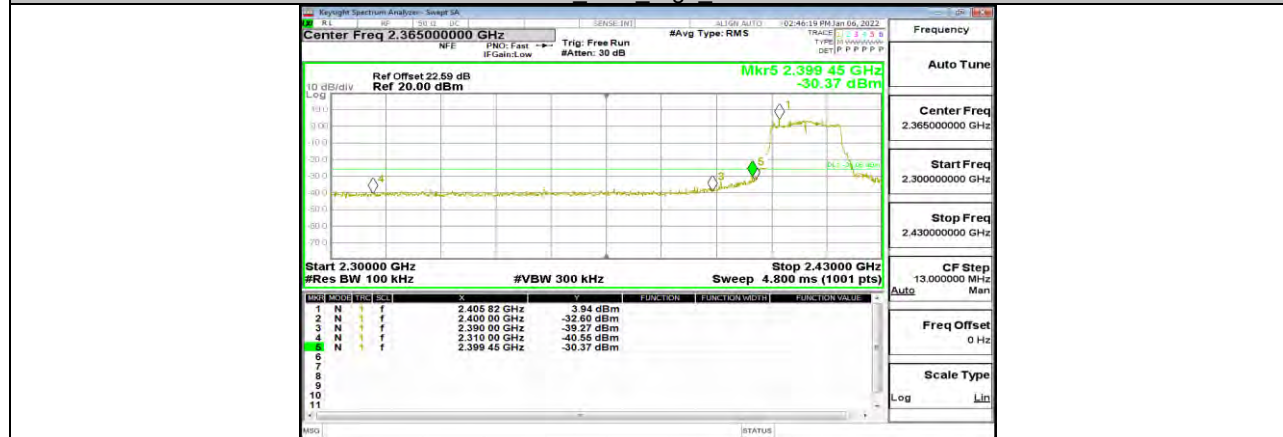


## 11.5.2. Test Graphs

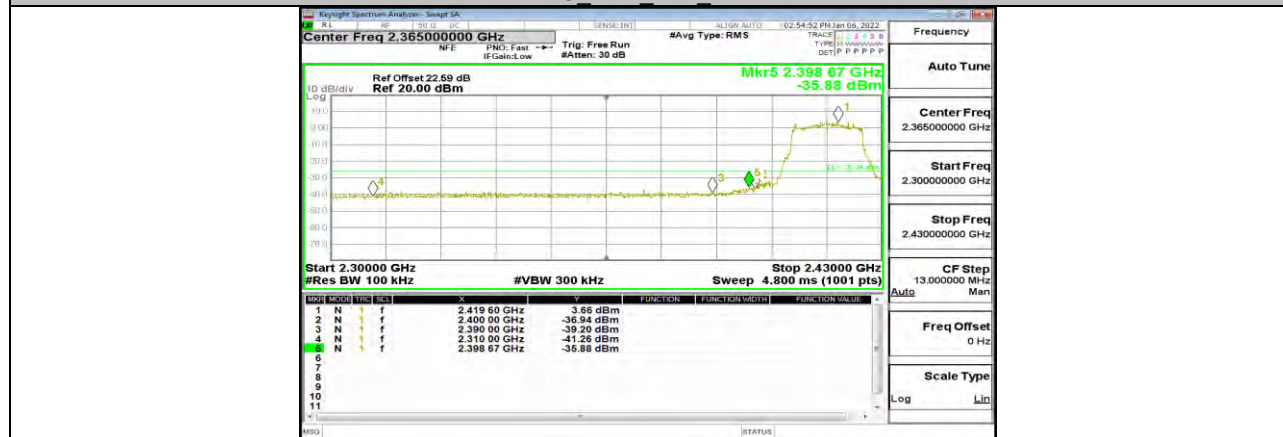




11B Ant2 High 2462



11G Ant2 Low 2412

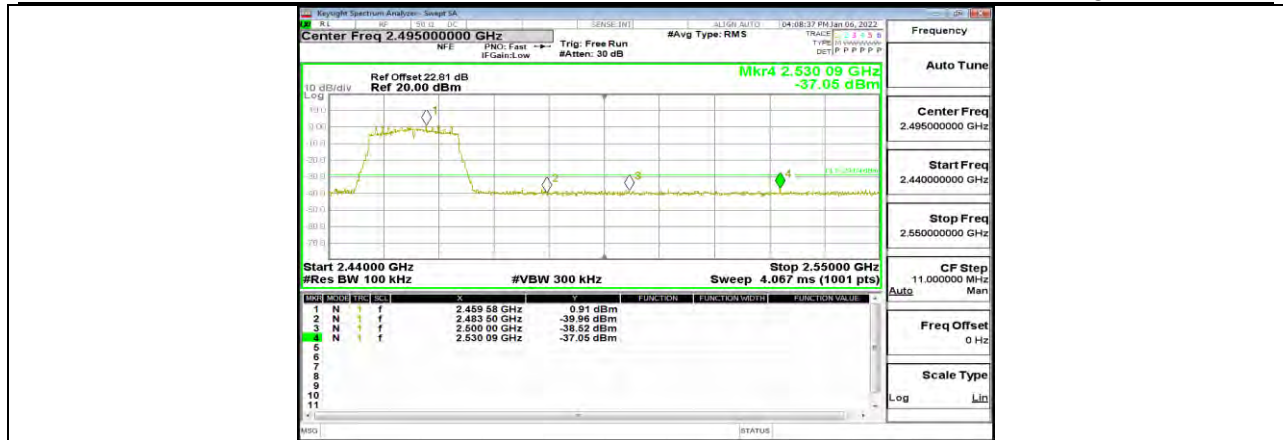


11G Ant2 Low 2417

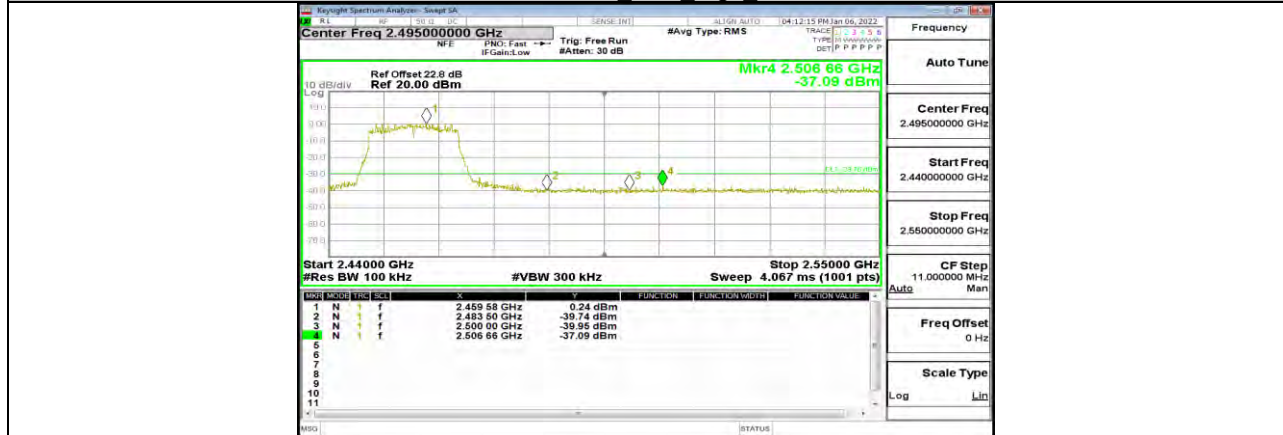




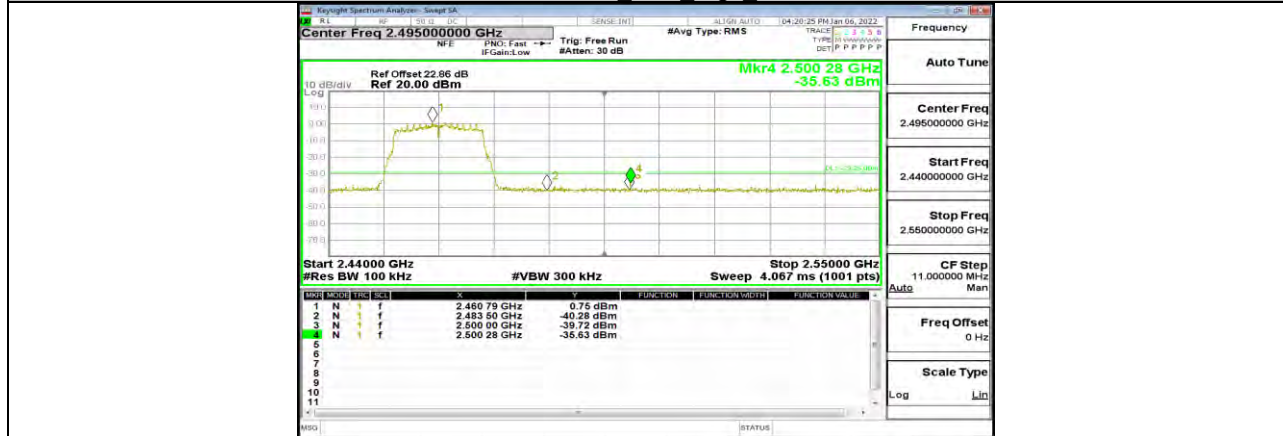




11N20MIMO Ant1 High 2457



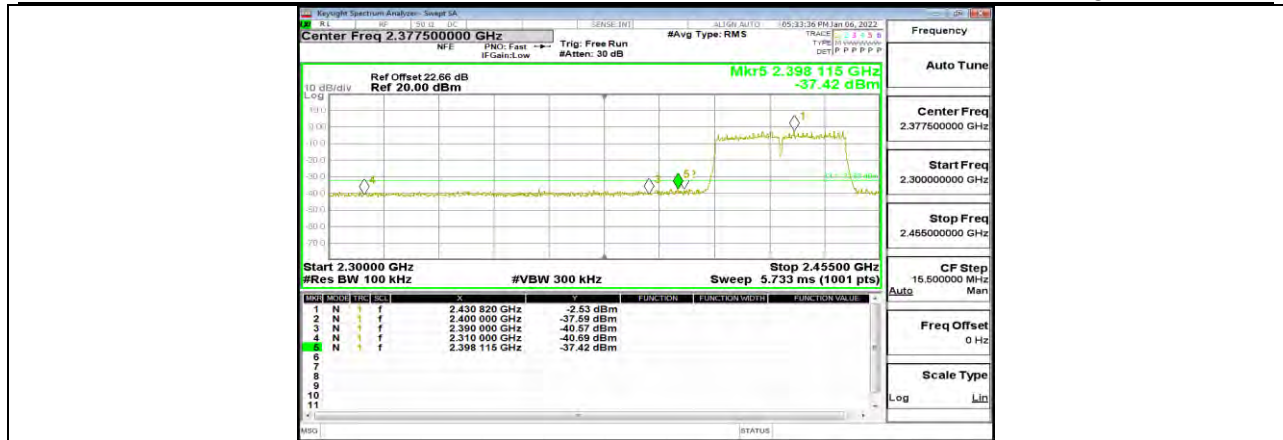
11N20MIMO Ant2 High 2457



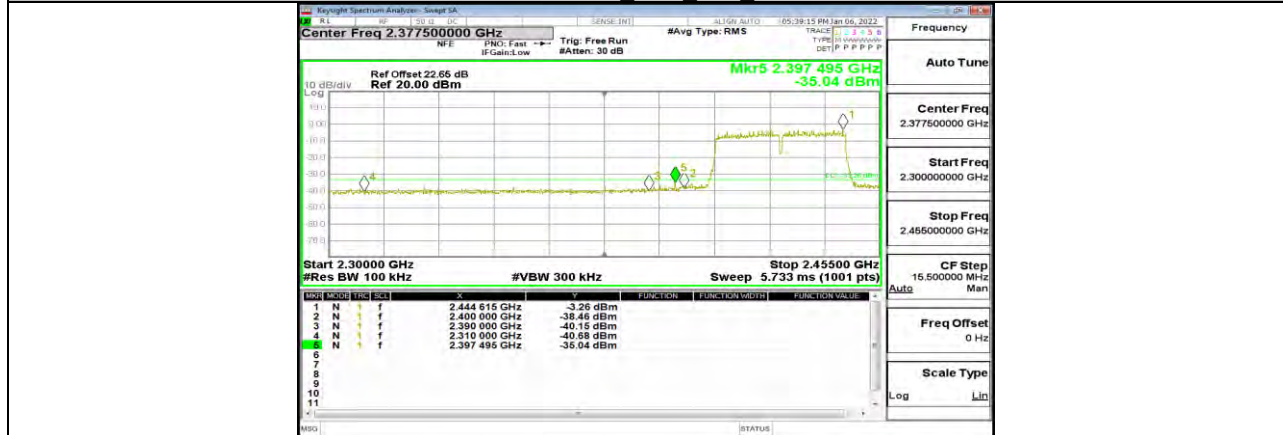
11N20MIMO Ant1 High 2462



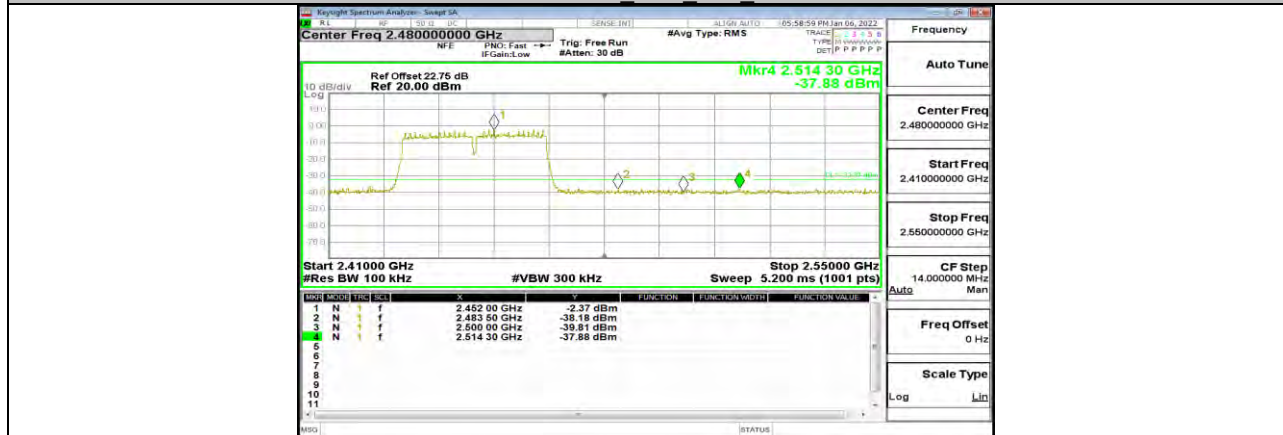




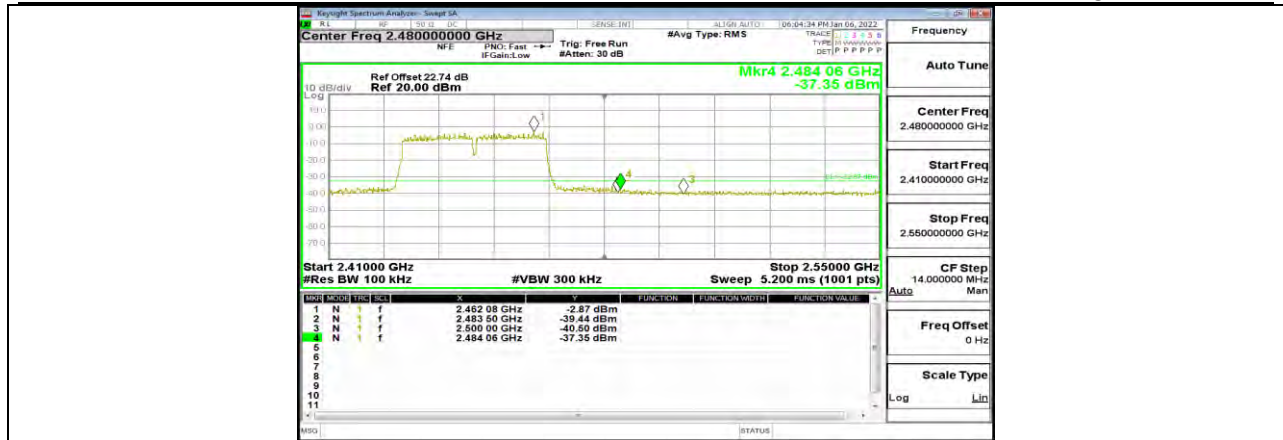
11N40MIMO Ant1 Low 2427



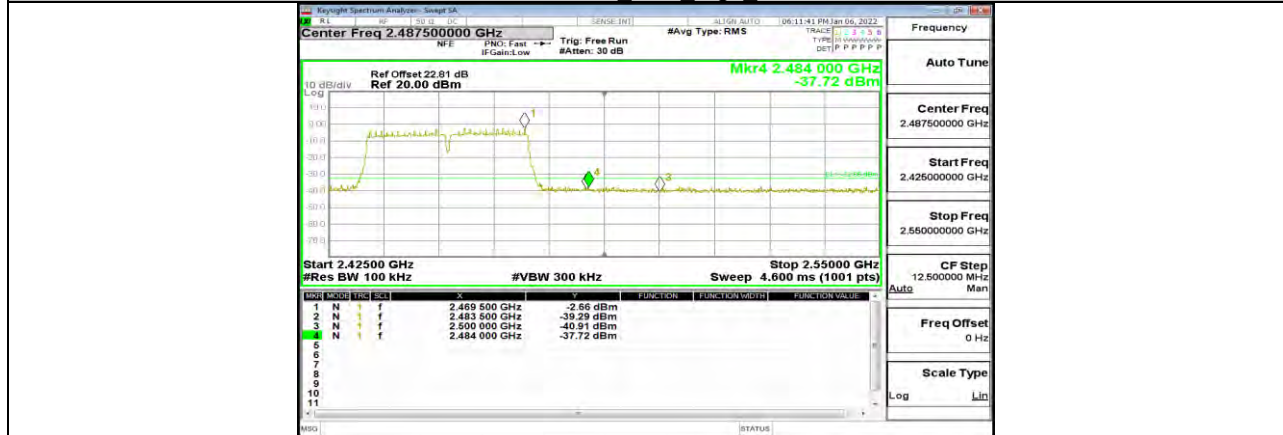
11N40MIMO Ant2 Low 2427



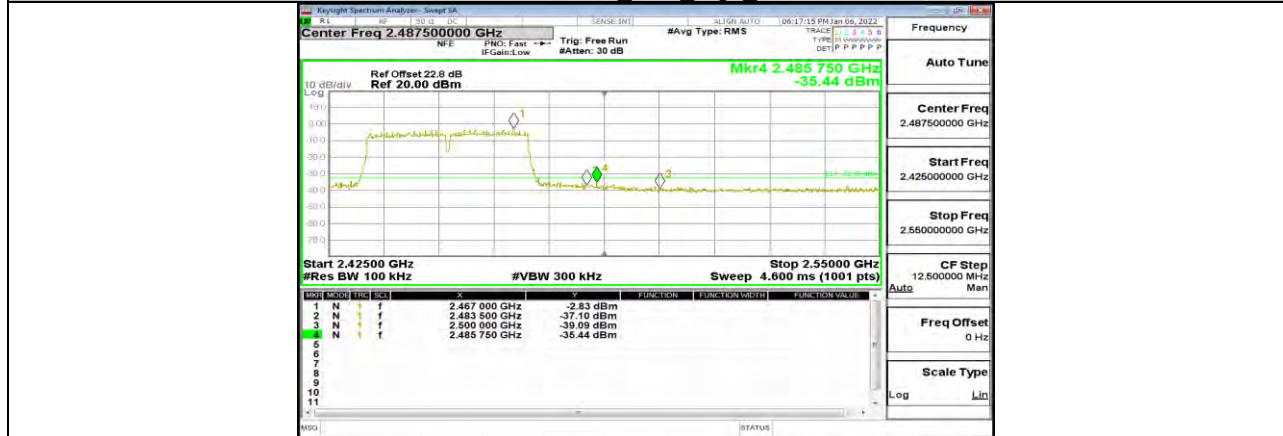
11N40MIMO Ant1 High 2447



11N40MIMO Ant2 High 2447



11N40MIMO Ant1 High 2452

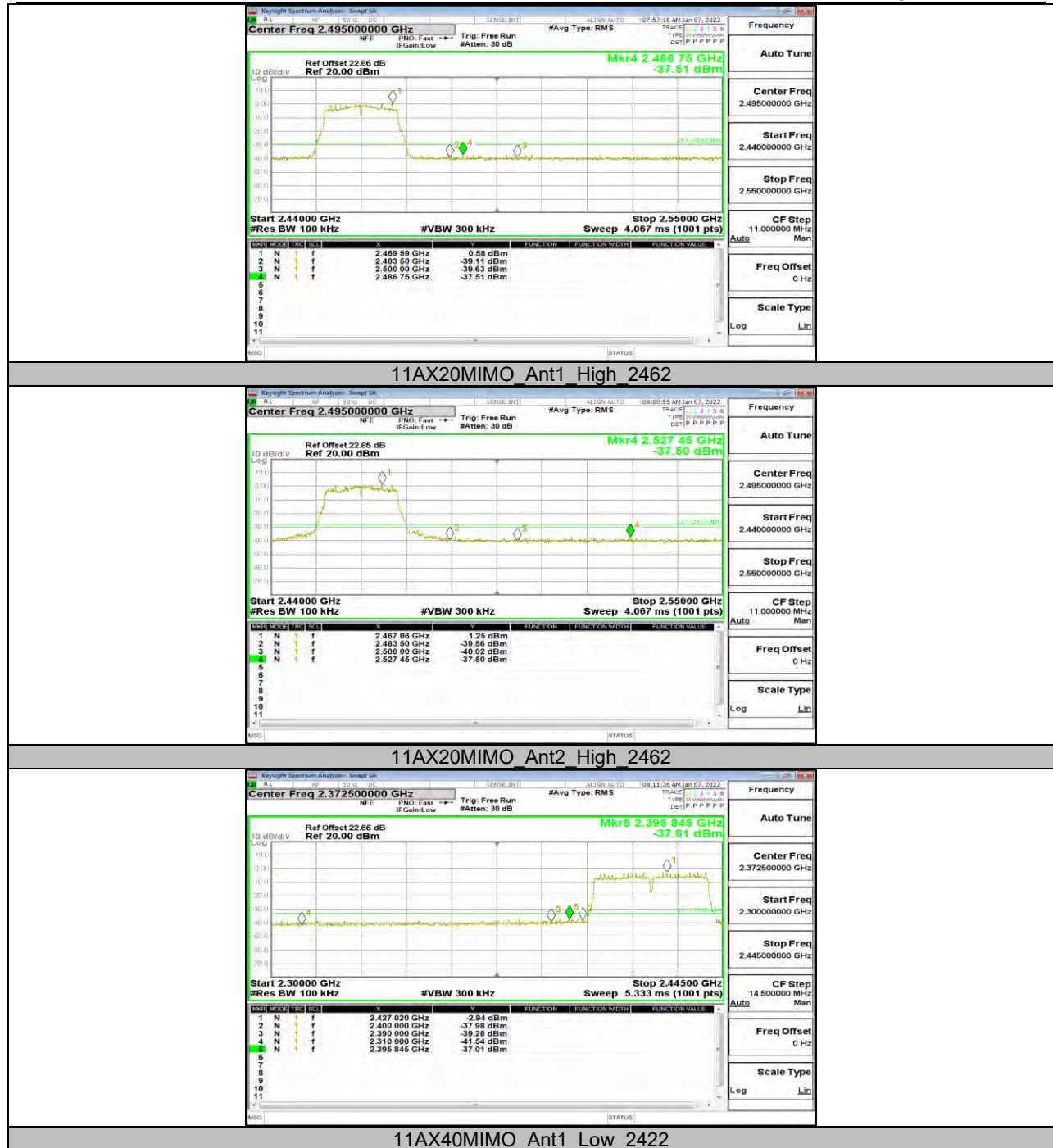


11N40MIMO Ant2 High 2452



















**11.6. Appendix F: Conducted Spurious Emission****11.6.1. Test Result**

Test Mode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	Reference	7.06	7.06	---	PASS
			30~1000	7.06	-49.65	≤-22.94	PASS
			1000~26500	7.06	-42.09	≤-22.94	PASS
		2417	Reference	6.77	6.77	---	PASS
			30~1000	6.77	-49.14	≤-23.23	PASS
			1000~26500	6.77	-41.66	≤-23.23	PASS
		2437	Reference	6.55	6.55	---	PASS
			30~1000	6.55	-49.52	≤-23.45	PASS
			1000~26500	6.55	-42.02	≤-23.45	PASS
		2457	Reference	5.81	5.81	---	PASS
			30~1000	5.81	-49.59	≤-24.19	PASS
			1000~26500	5.81	-41.44	≤-24.19	PASS
		2462	Reference	7.75	7.75	---	PASS
			30~1000	7.75	-49.72	≤-22.25	PASS
			1000~26500	7.75	-40.88	≤-22.25	PASS
11G	Ant2	2412	Reference	2.73	2.73	---	PASS
			30~1000	2.73	-50.8	≤-27.27	PASS
			1000~26500	2.73	-41.45	≤-27.27	PASS
		2417	Reference	2.63	2.63	---	PASS
			30~1000	2.63	-50.68	≤-27.37	PASS
			1000~26500	2.63	-41.54	≤-27.37	PASS
		2437	Reference	2.88	2.88	---	PASS
			30~1000	2.88	-50.09	≤-27.12	PASS
			1000~26500	2.88	-41.16	≤-27.12	PASS
		2457	Reference	2.16	2.16	---	PASS
			30~1000	2.16	-49.5	≤-27.84	PASS
			1000~26500	2.16	-41.42	≤-27.84	PASS
		2462	Reference	2.90	2.89	---	PASS
			30~1000	2.90	-49.66	≤-27.1	PASS
			1000~26500	2.90	-41.47	≤-27.1	PASS
11N20MIMO	Ant1	2412	Reference	-1.53	-1.53	---	PASS
			30~1000	-1.53	-50.8	≤-31.53	PASS
			1000~26500	-1.53	-40.86	≤-31.53	PASS
	Ant2	2412	Reference	-0.68	-0.68	---	PASS
			30~1000	-0.68	-48.62	≤-30.68	PASS
			1000~26500	-0.68	-40.65	≤-30.68	PASS
	Ant1	2417	Reference	-1.10	-1.10	---	PASS
			30~1000	-1.10	-49.14	≤-31.1	PASS
			1000~26500	-1.10	-41.35	≤-31.1	PASS
	Ant2	2417	Reference	-0.77	-0.77	---	PASS
			30~1000	-0.77	-50.2	≤-30.77	PASS
			1000~26500	-0.77	-41.56	≤-30.77	PASS
	Ant1	2437	Reference	-0.39	-0.39	---	PASS
			30~1000	-0.39	-50.09	≤-30.39	PASS
			1000~26500	-0.39	-41.09	≤-30.39	PASS
	Ant2	2437	Reference	0.35	0.35	---	PASS
			30~1000	0.35	-50.53	≤-29.65	PASS
			1000~26500	0.35	-40.75	≤-29.65	PASS
	Ant1	2457	Reference	0.26	0.26	---	PASS
			30~1000	0.26	-49.15	≤-29.74	PASS
			1000~26500	0.26	-41.37	≤-29.74	PASS
	Ant2	2457	Reference	-1.39	-1.39	---	PASS
			30~1000	-1.39	-49.51	≤-31.39	PASS
			1000~26500	-1.39	-41.55	≤-31.39	PASS



	Ant1	2462	Reference	-0.32	-0.32	---	PASS
			30~1000	-0.32	-48.96	$\leq -30.32$	PASS
			1000~26500	-0.32	-41.13	$\leq -30.32$	PASS
	Ant2	2462	Reference	-0.07	-0.07	---	PASS
			30~1000	-0.07	-49.67	$\leq -30.07$	PASS
			1000~26500	-0.07	-39.87	$\leq -30.07$	PASS
11N40MIMO	Ant1	2422	Reference	-2.64	-2.64	---	PASS
			30~1000	-2.64	-50.86	$\leq -32.64$	PASS
			1000~26500	-2.64	-41.3	$\leq -32.64$	PASS
	Ant2	2422	Reference	-3.64	-3.64	---	PASS
			30~1000	-3.64	-50.18	$\leq -33.64$	PASS
			1000~26500	-3.64	-41.2	$\leq -33.64$	PASS
	Ant1	2427	Reference	-3.29	-3.29	---	PASS
			30~1000	-3.29	-49.52	$\leq -33.29$	PASS
			1000~26500	-3.29	-41.07	$\leq -33.29$	PASS
	Ant2	2427	Reference	-4.82	-4.82	---	PASS
			30~1000	-4.82	-49.97	$\leq -34.82$	PASS
			1000~26500	-4.82	-41.01	$\leq -34.82$	PASS
	Ant1	2437	Reference	-3.37	-3.37	---	PASS
			30~1000	-3.37	-50.49	$\leq -33.37$	PASS
			1000~26500	-3.37	-40.87	$\leq -33.37$	PASS
	Ant2	2437	Reference	-3.77	-3.77	---	PASS
			30~1000	-3.77	-49.61	$\leq -33.77$	PASS
			1000~26500	-3.77	-40.15	$\leq -33.77$	PASS
	Ant1	2447	Reference	-3.30	-3.30	---	PASS
			30~1000	-3.30	-50.15	$\leq -33.3$	PASS
			1000~26500	-3.30	-41.03	$\leq -33.3$	PASS
	Ant2	2447	Reference	-5.33	-5.33	---	PASS
			30~1000	-5.33	-49.91	$\leq -35.33$	PASS
			1000~26500	-5.33	-41.37	$\leq -35.33$	PASS
	Ant1	2452	Reference	-3.69	-3.69	---	PASS
			30~1000	-3.69	-49.28	$\leq -33.69$	PASS
			1000~26500	-3.69	-41.01	$\leq -33.69$	PASS
	Ant2	2452	Reference	-4.88	-4.88	---	PASS
			30~1000	-4.88	-50.46	$\leq -34.88$	PASS
			1000~26500	-4.88	-41.33	$\leq -34.88$	PASS
11AX20MIMO	Ant1	2412	Reference	-0.40	-0.40	---	PASS
			30~1000	-0.40	-49.73	$\leq -30.4$	PASS
			1000~26500	-0.40	-41.44	$\leq -30.4$	PASS
	Ant2	2412	Reference	-0.95	-0.95	---	PASS
			30~1000	-0.95	-49.85	$\leq -30.95$	PASS
			1000~26500	-0.95	-41.53	$\leq -30.95$	PASS
	Ant1	2417	Reference	-0.17	-0.17	---	PASS
			30~1000	-0.17	-50.60	$\leq -30.17$	PASS
			1000~26500	-0.17	-40.94	$\leq -30.17$	PASS
	Ant2	2417	Reference	-1.80	-1.80	---	PASS
			30~1000	-1.80	-50.41	$\leq -31.8$	PASS
			1000~26500	-1.80	-40.51	$\leq -31.8$	PASS
	Ant1	2437	Reference	-1.53	-1.53	---	PASS
			30~1000	-1.53	-50.12	$\leq -31.53$	PASS
			1000~26500	-1.53	-41.76	$\leq -31.53$	PASS
	Ant2	2437	Reference	0.60	0.60	---	PASS
			30~1000	0.60	-50.65	$\leq -29.4$	PASS
			1000~26500	0.60	-41.83	$\leq -29.4$	PASS
	Ant1	2457	Reference	-0.36	-0.36	---	PASS
			30~1000	-0.36	-50.27	$\leq -30.36$	PASS
			1000~26500	-0.36	-40.81	$\leq -30.36$	PASS
	Ant2	2457	Reference	0.11	0.11	---	PASS
			30~1000	0.11	-50.34	$\leq -29.89$	PASS
			1000~26500	0.11	-41.32	$\leq -29.89$	PASS
	Ant1	2462	Reference	-1.20	-1.20	---	PASS
			30~1000	-1.20	-49.7	$\leq -31.2$	PASS



	Ant2	2462	1000~26500	-1.20	-40.9	$\leq -31.2$	PASS
			Reference	0.09	0.09	---	PASS
			30~1000	0.09	-50.82	$\leq -29.91$	PASS
11AX40MIMO	Ant1	2422	1000~26500	0.09	-41.42	$\leq -29.91$	PASS
			Reference	-4.02	-4.02	---	PASS
			30~1000	-4.02	-50.2	$\leq -34.02$	PASS
	Ant2	2422	1000~26500	-4.02	-41.39	$\leq -34.02$	PASS
			Reference	-4.16	-4.16	---	PASS
			30~1000	-4.16	-50.38	$\leq -34.16$	PASS
	Ant1	2427	1000~26500	-4.16	-41.75	$\leq -34.16$	PASS
			Reference	-3.87	-3.87	---	PASS
			30~1000	-3.87	-50.17	$\leq -33.87$	PASS
	Ant2	2427	1000~26500	-3.87	-40.7	$\leq -33.87$	PASS
			Reference	-3.87	-3.87	---	PASS
			30~1000	-3.87	-49.95	$\leq -33.87$	PASS
	Ant1	2437	1000~26500	-3.87	-41.35	$\leq -33.87$	PASS
			Reference	-4.81	-4.81	---	PASS
			30~1000	-4.81	-50.15	$\leq -34.81$	PASS
	Ant2	2437	1000~26500	-4.81	-41.95	$\leq -34.81$	PASS
			Reference	-4.81	-4.81	---	PASS
			30~1000	-4.81	-50.5	$\leq -34.81$	PASS
	Ant1	2447	1000~26500	-4.81	-40.49	$\leq -34.81$	PASS
			Reference	-2.83	-2.83	---	PASS
			30~1000	-2.83	-50.32	$\leq -32.83$	PASS
	Ant2	2447	1000~26500	-2.83	-41.67	$\leq -32.83$	PASS
			Reference	-5.43	-5.43	---	PASS
			30~1000	-5.43	-49.78	$\leq -35.43$	PASS
	Ant1	2452	1000~26500	-5.43	-41.05	$\leq -35.43$	PASS
			Reference	-3.85	-3.85	---	PASS
			30~1000	-3.85	-49.77	$\leq -33.85$	PASS
	Ant2	2452	1000~26500	-3.85	-41.74	$\leq -33.85$	PASS
			Reference	-4.33	-4.33	---	PASS
			30~1000	-4.33	-50.52	$\leq -34.33$	PASS
			1000~26500	-4.33	-41.04	$\leq -34.33$	PASS

Note: Note: All modes, channels and antenna have been tested, only the worst data was recorded in the report.





## 11.6.2. Test Graphs

