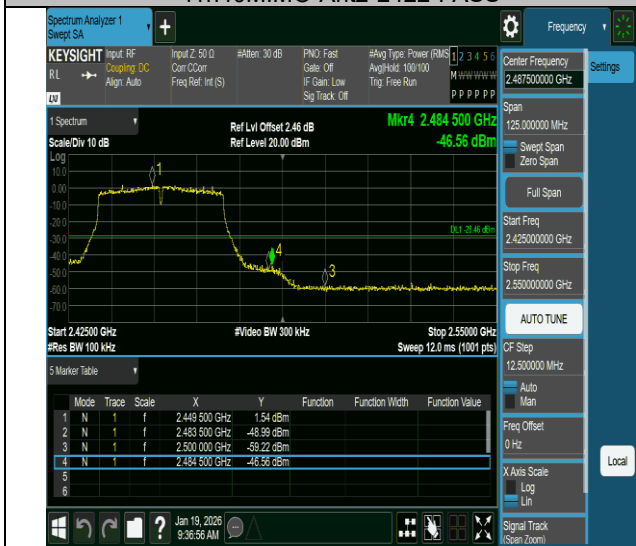




11n40MIMO-Ant2-2422-PASS



11n40MIMO-Ant3-2422-PASS



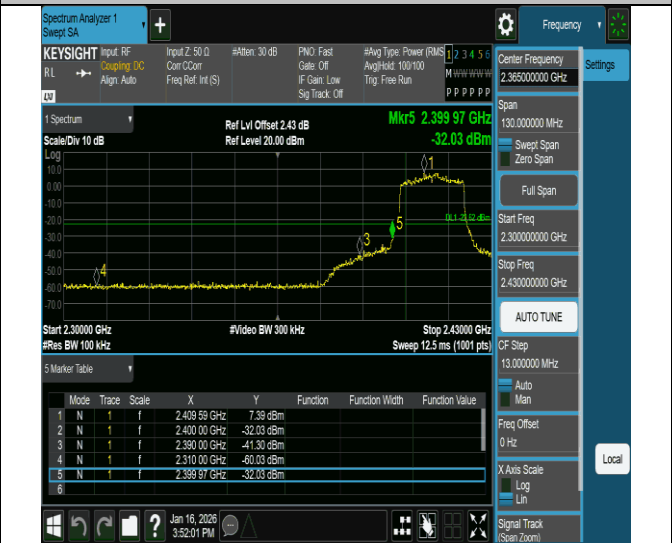
11n40MIMO-Ant2-2452-PASS



11n40MIMO-Ant3-2452-PASS



11ax20MIMO-Ant2-2412-PASS



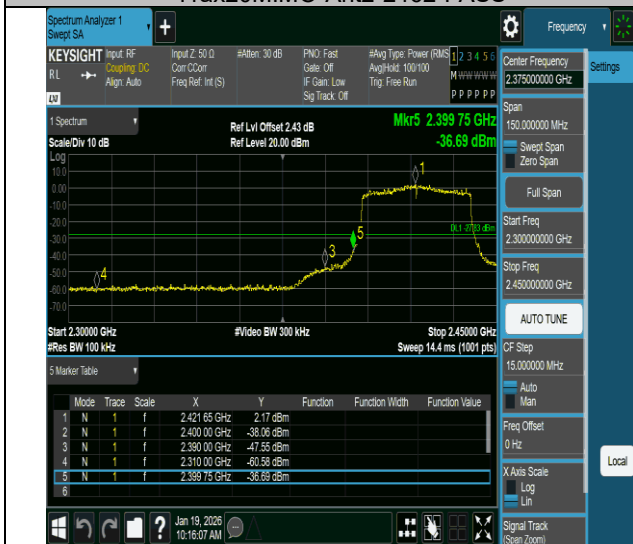
11ax20MIMO-Ant3-2412-PASS



11ax20MIMO-Ant2-2462-PASS



11ax20MIMO-Ant3-2462-PASS



11ax40MIMO-Ant2-2422-PASS



11ax40MIMO-Ant3-2422-PASS



11ax40MIMO-Ant2-2452-PASS



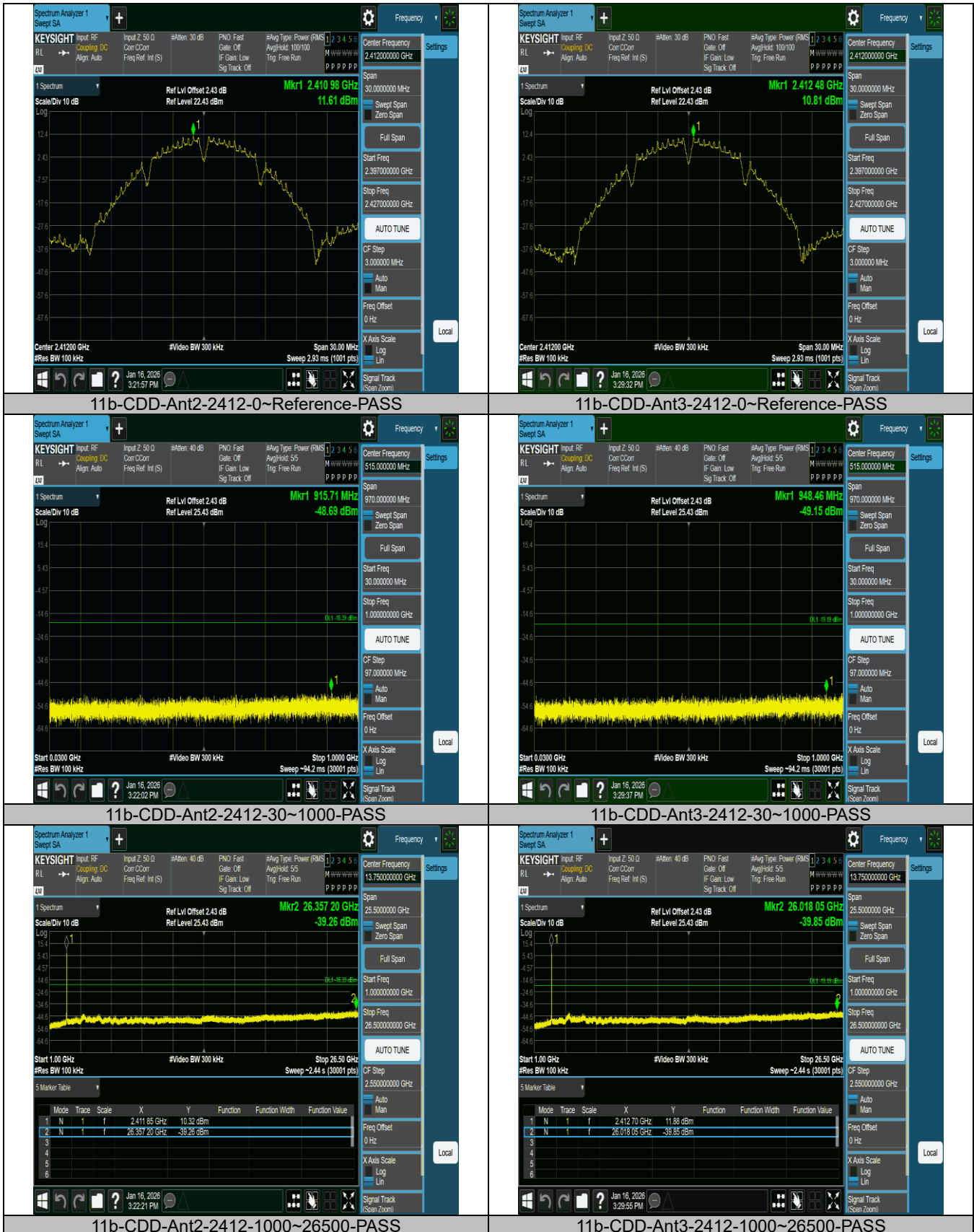
11ax40MIMO-Ant3-2452-PASS

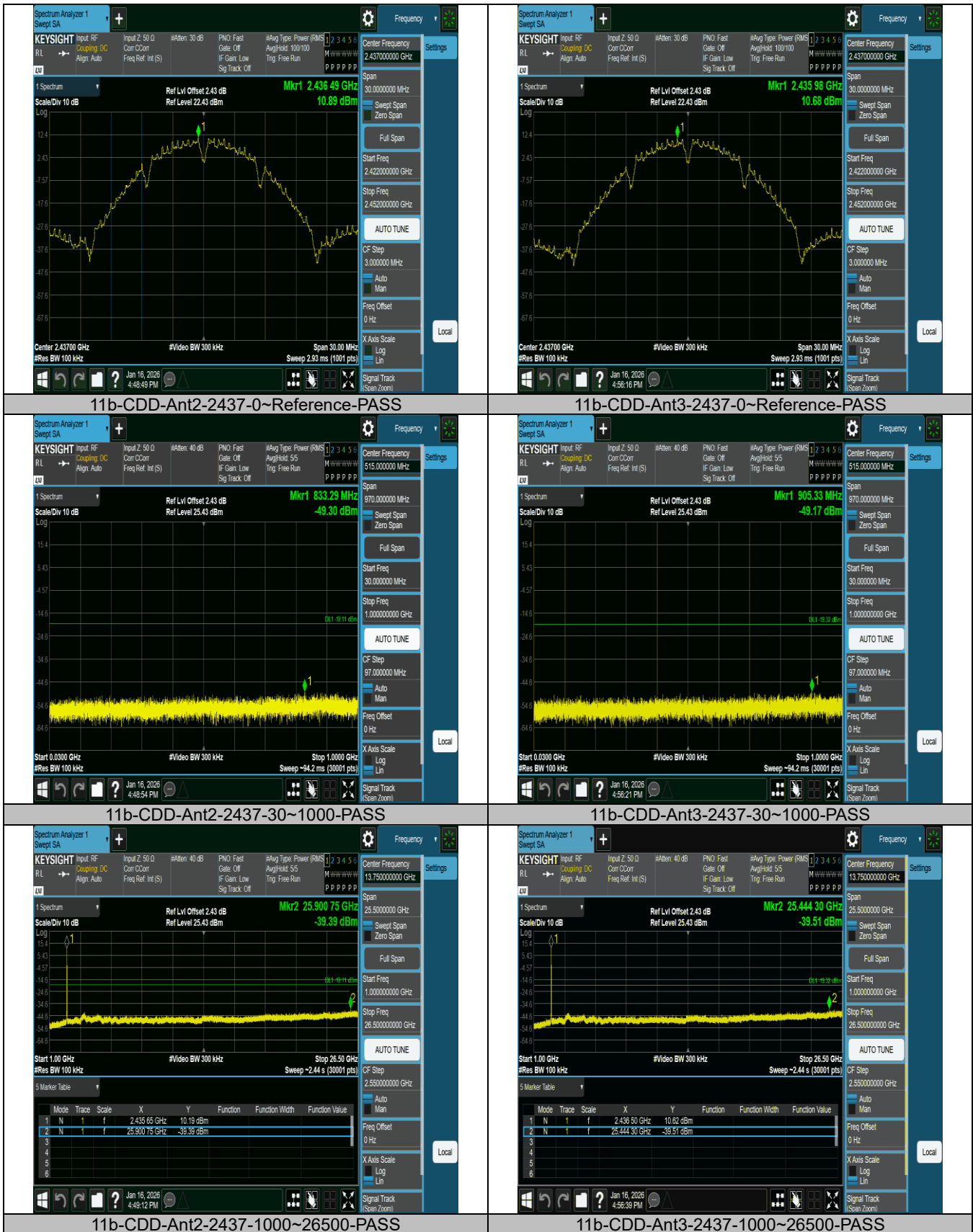
Conducted Spurious Emission Test Result

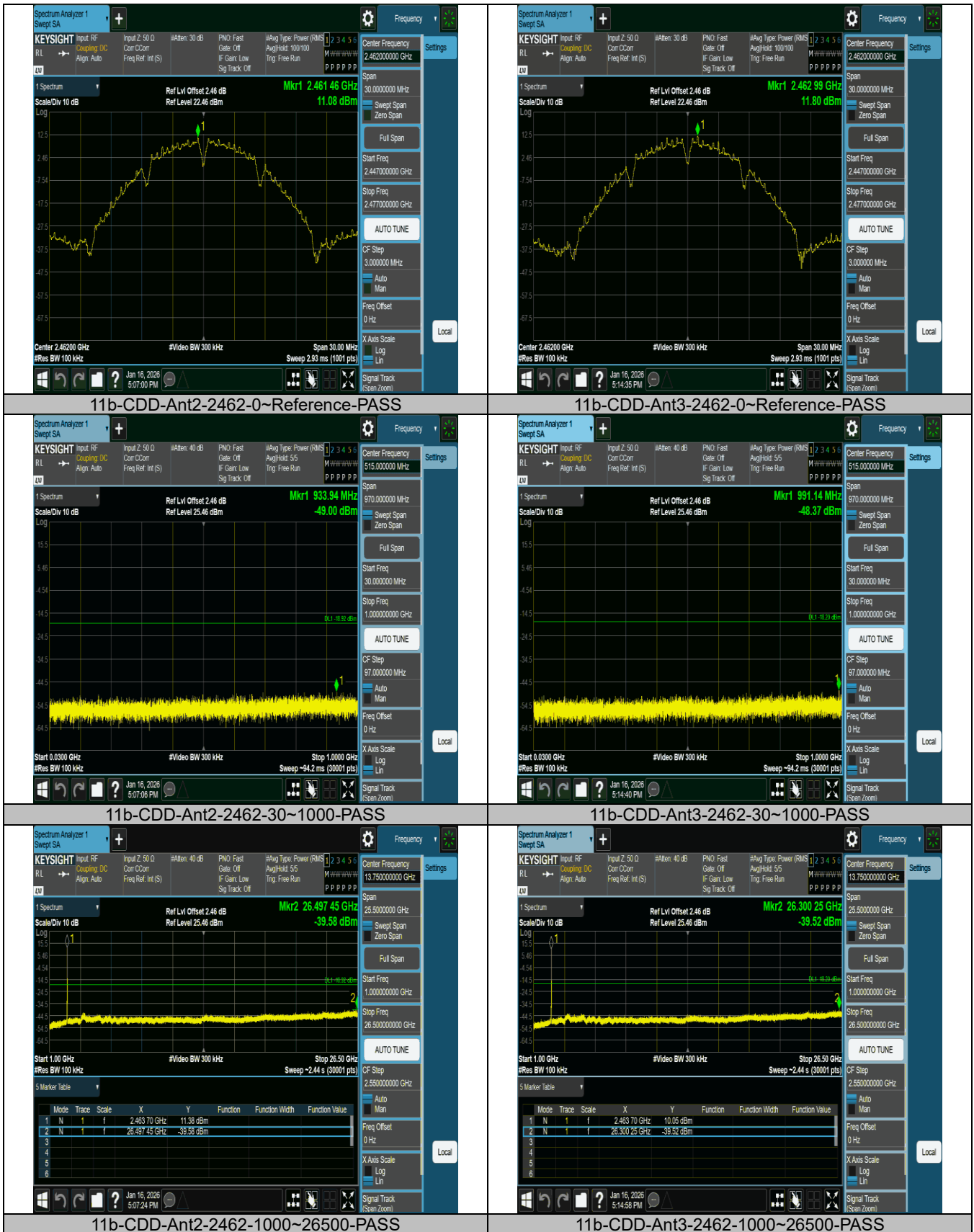
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11b-CDD	Ant2	2412	0~Reference	11.61	11.61	---	PASS
11b-CDD	Ant3	2412	0~Reference	10.81	10.81	---	PASS
11b-CDD	Ant2	2412	30~1000	11.61	-48.69	≤-18.39	PASS
11b-CDD	Ant3	2412	30~1000	10.81	-49.15	≤-19.19	PASS
11b-CDD	Ant2	2412	1000~26500	11.61	-39.26	≤-18.39	PASS
11b-CDD	Ant3	2412	1000~26500	10.81	-39.85	≤-19.19	PASS
11b-CDD	Ant2	2437	0~Reference	10.89	10.89	---	PASS
11b-CDD	Ant3	2437	0~Reference	10.68	10.68	---	PASS
11b-CDD	Ant2	2437	30~1000	10.89	-49.3	≤-19.11	PASS
11b-CDD	Ant3	2437	30~1000	10.68	-49.17	≤-19.32	PASS
11b-CDD	Ant2	2437	1000~26500	10.89	-39.39	≤-19.11	PASS
11b-CDD	Ant3	2437	1000~26500	10.68	-39.51	≤-19.32	PASS
11b-CDD	Ant2	2462	0~Reference	11.08	11.08	---	PASS
11b-CDD	Ant3	2462	0~Reference	11.80	11.80	---	PASS
11b-CDD	Ant2	2462	30~1000	11.08	-49	≤-18.92	PASS
11b-CDD	Ant3	2462	30~1000	11.80	-48.37	≤-18.2	PASS
11b-CDD	Ant2	2462	1000~26500	11.08	-39.58	≤-18.92	PASS
11b-CDD	Ant3	2462	1000~26500	11.80	-39.52	≤-18.2	PASS
11g-CDD	Ant2	2412	0~Reference	7.07	7.07	---	PASS
11g-CDD	Ant3	2412	0~Reference	9.27	9.27	---	PASS
11g-CDD	Ant2	2412	30~1000	7.07	-49.03	≤-22.93	PASS
11g-CDD	Ant3	2412	30~1000	9.27	-48.82	≤-20.73	PASS
11g-CDD	Ant2	2412	1000~26500	7.07	-40.18	≤-22.93	PASS
11g-CDD	Ant3	2412	1000~26500	9.27	-39.28	≤-20.73	PASS
11g-CDD	Ant2	2437	0~Reference	6.59	6.59	---	PASS
11g-CDD	Ant3	2437	0~Reference	8.31	8.31	---	PASS
11g-CDD	Ant2	2437	30~1000	6.59	-49.21	≤-23.41	PASS
11g-CDD	Ant3	2437	30~1000	8.31	-48.63	≤-21.69	PASS
11g-CDD	Ant3	2437	1000~26500	8.31	-39.73	≤-21.69	PASS
11g-CDD	Ant2	2462	0~Reference	8.47	8.47	---	PASS
11g-CDD	Ant3	2462	0~Reference	7.71	7.71	---	PASS
11g-CDD	Ant2	2462	30~1000	8.47	-48.36	≤-21.53	PASS
11g-CDD	Ant3	2462	30~1000	7.71	-49.17	≤-22.29	PASS
11g-CDD	Ant2	2462	1000~26500	8.47	-39.58	≤-21.53	PASS
11g-CDD	Ant3	2462	1000~26500	7.71	-39.41	≤-22.29	PASS
11n20MIMO	Ant2	2412	0~Reference	8.18	8.18	---	PASS
11n20MIMO	Ant3	2412	0~Reference	10.91	10.91	---	PASS
11n20MIMO	Ant2	2412	30~1000	8.18	-48.95	≤-21.82	PASS
11n20MIMO	Ant3	2412	30~1000	10.91	-49.13	≤-19.09	PASS
11n20MIMO	Ant2	2412	1000~26500	8.18	-39.78	≤-21.82	PASS
11n20MIMO	Ant3	2412	1000~26500	10.91	-39.85	≤-19.09	PASS
11n20MIMO	Ant2	2437	0~Reference	8.53	8.53	---	PASS
11n20MIMO	Ant3	2437	0~Reference	8.14	8.14	---	PASS
11n20MIMO	Ant2	2437	30~1000	8.53	-48.88	≤-21.47	PASS
11n20MIMO	Ant3	2437	30~1000	8.14	-48.66	≤-21.86	PASS
11n20MIMO	Ant2	2437	1000~26500	8.53	-39.77	≤-21.47	PASS
11n20MIMO	Ant3	2437	1000~26500	8.14	-39.31	≤-21.86	PASS
11n20MIMO	Ant2	2462	0~Reference	8.91	8.91	---	PASS
11n20MIMO	Ant3	2462	0~Reference	8.86	8.86	---	PASS
11n20MIMO	Ant2	2462	30~1000	8.91	-48.92	≤-21.09	PASS
11n20MIMO	Ant3	2462	30~1000	8.86	-48.53	≤-21.14	PASS
11n20MIMO	Ant2	2462	1000~26500	8.91	-39.31	≤-21.09	PASS
11n20MIMO	Ant3	2462	1000~26500	8.86	-39.27	≤-21.14	PASS
11n40MIMO	Ant2	2422	0~Reference	3.44	3.44	---	PASS
11n40MIMO	Ant3	2422	0~Reference	3.23	3.23	---	PASS
11n40MIMO	Ant2	2422	30~1000	3.44	-49.13	≤-26.56	PASS
11n40MIMO	Ant3	2422	30~1000	3.23	-48.79	≤-26.77	PASS
11n40MIMO	Ant2	2422	1000~26500	3.44	-40.08	≤-26.56	PASS
11n40MIMO	Ant3	2422	1000~26500	3.23	-39.83	≤-26.77	PASS
11n40MIMO	Ant2	2437	0~Reference	2.14	2.14	---	PASS
11n40MIMO	Ant3	2437	0~Reference	1.76	1.76	---	PASS
11n40MIMO	Ant2	2437	30~1000	2.14	-48.93	≤-27.86	PASS

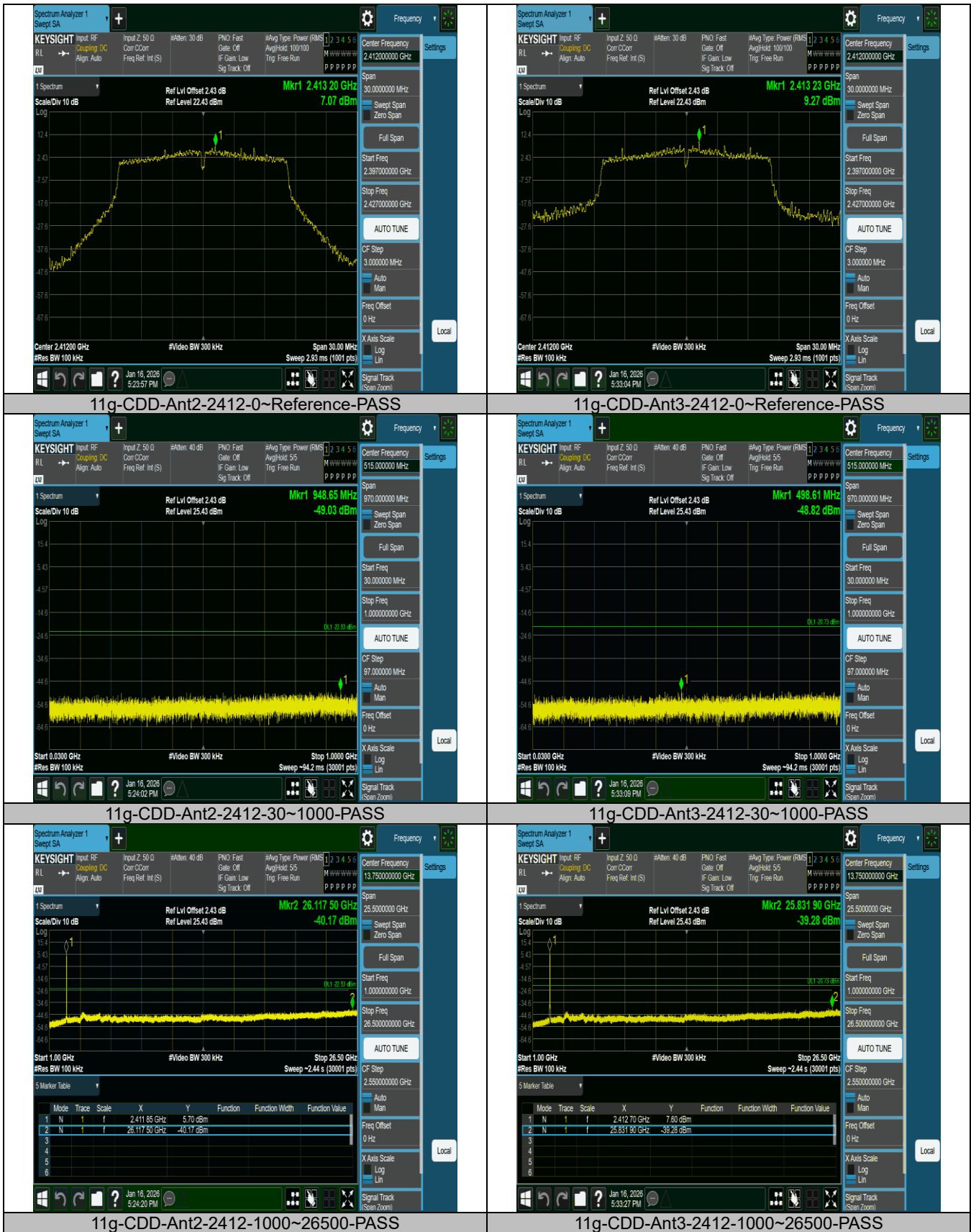
11n40MIMO	Ant3	2437	30~1000	1.76	-48.09	≤-28.24	PASS
11n40MIMO	Ant2	2437	1000~26500	2.14	-40.07	≤-27.86	PASS
11n40MIMO	Ant3	2437	1000~26500	1.76	-39.57	≤-28.24	PASS
11n40MIMO	Ant2	2452	0~Reference	2.63	2.63	---	PASS
11n40MIMO	Ant3	2452	0~Reference	2.54	2.54	---	PASS
11n40MIMO	Ant2	2452	30~1000	2.63	-47.87	≤-27.37	PASS
11n40MIMO	Ant3	2452	30~1000	2.54	-49.16	≤-27.46	PASS
11n40MIMO	Ant2	2452	1000~26500	2.63	-39.21	≤-27.37	PASS
11n40MIMO	Ant3	2452	1000~26500	2.54	-39.46	≤-27.46	PASS
11ax20MIMO	Ant2	2412	0~Reference	8.42	8.42	---	PASS
11ax20MIMO	Ant3	2412	0~Reference	8.16	8.16	---	PASS
11ax20MIMO	Ant2	2412	30~1000	8.42	-48.93	≤-21.58	PASS
11ax20MIMO	Ant3	2412	30~1000	8.16	-48.67	≤-21.84	PASS
11ax20MIMO	Ant2	2412	1000~26500	8.42	-40.29	≤-21.58	PASS
11ax20MIMO	Ant3	2412	1000~26500	8.16	-40.06	≤-21.84	PASS
11ax20MIMO	Ant2	2437	0~Reference	7.26	7.26	---	PASS
11ax20MIMO	Ant3	2437	0~Reference	7.33	7.33	---	PASS
11ax20MIMO	Ant2	2437	30~1000	7.26	-49.21	≤-22.74	PASS
11ax20MIMO	Ant3	2437	30~1000	7.33	-48.15	≤-22.67	PASS
11ax20MIMO	Ant2	2437	1000~26500	7.26	-39.52	≤-22.74	PASS
11ax20MIMO	Ant3	2437	1000~26500	7.33	-39.33	≤-22.67	PASS
11ax20MIMO	Ant2	2462	0~Reference	7.02	7.02	---	PASS
11ax20MIMO	Ant3	2462	0~Reference	7.96	7.96	---	PASS
11ax20MIMO	Ant2	2462	30~1000	7.02	-48.61	≤-22.98	PASS
11ax20MIMO	Ant3	2462	30~1000	7.96	-49.06	≤-22.04	PASS
11ax20MIMO	Ant2	2462	1000~26500	7.02	-39.49	≤-22.98	PASS
11ax20MIMO	Ant3	2462	1000~26500	7.96	-39.42	≤-22.04	PASS
11ax40MIMO	Ant2	2422	0~Reference	2.72	2.72	---	PASS
11ax40MIMO	Ant3	2422	0~Reference	1.67	1.67	---	PASS
11ax40MIMO	Ant2	2422	30~1000	2.72	-43.9	≤-27.28	PASS
11ax40MIMO	Ant3	2422	30~1000	1.67	-48.76	≤-28.33	PASS
11ax40MIMO	Ant2	2422	1000~26500	2.72	-39.67	≤-27.28	PASS
11ax40MIMO	Ant3	2422	1000~26500	1.67	-38.32	≤-28.33	PASS
11ax40MIMO	Ant2	2437	0~Reference	2.31	2.31	---	PASS
11ax40MIMO	Ant3	2437	0~Reference	3.15	3.15	---	PASS
11ax40MIMO	Ant2	2437	30~1000	2.31	-48.12	≤-27.69	PASS
11ax40MIMO	Ant3	2437	30~1000	3.15	-48.56	≤-26.85	PASS
11ax40MIMO	Ant2	2437	1000~26500	2.31	-39.14	≤-27.69	PASS
11ax40MIMO	Ant3	2437	1000~26500	3.15	-39.56	≤-26.85	PASS
11ax40MIMO	Ant2	2452	0~Reference	1.91	1.91	---	PASS
11ax40MIMO	Ant3	2452	0~Reference	3.25	3.25	---	PASS
11ax40MIMO	Ant2	2452	30~1000	1.91	-48.41	≤-28.09	PASS
11ax40MIMO	Ant3	2452	30~1000	3.25	-48.5	≤-26.75	PASS
11ax40MIMO	Ant2	2452	1000~26500	1.91	-39.4	≤-28.09	PASS
11ax40MIMO	Ant3	2452	1000~26500	3.25	-40.3	≤-26.75	PASS

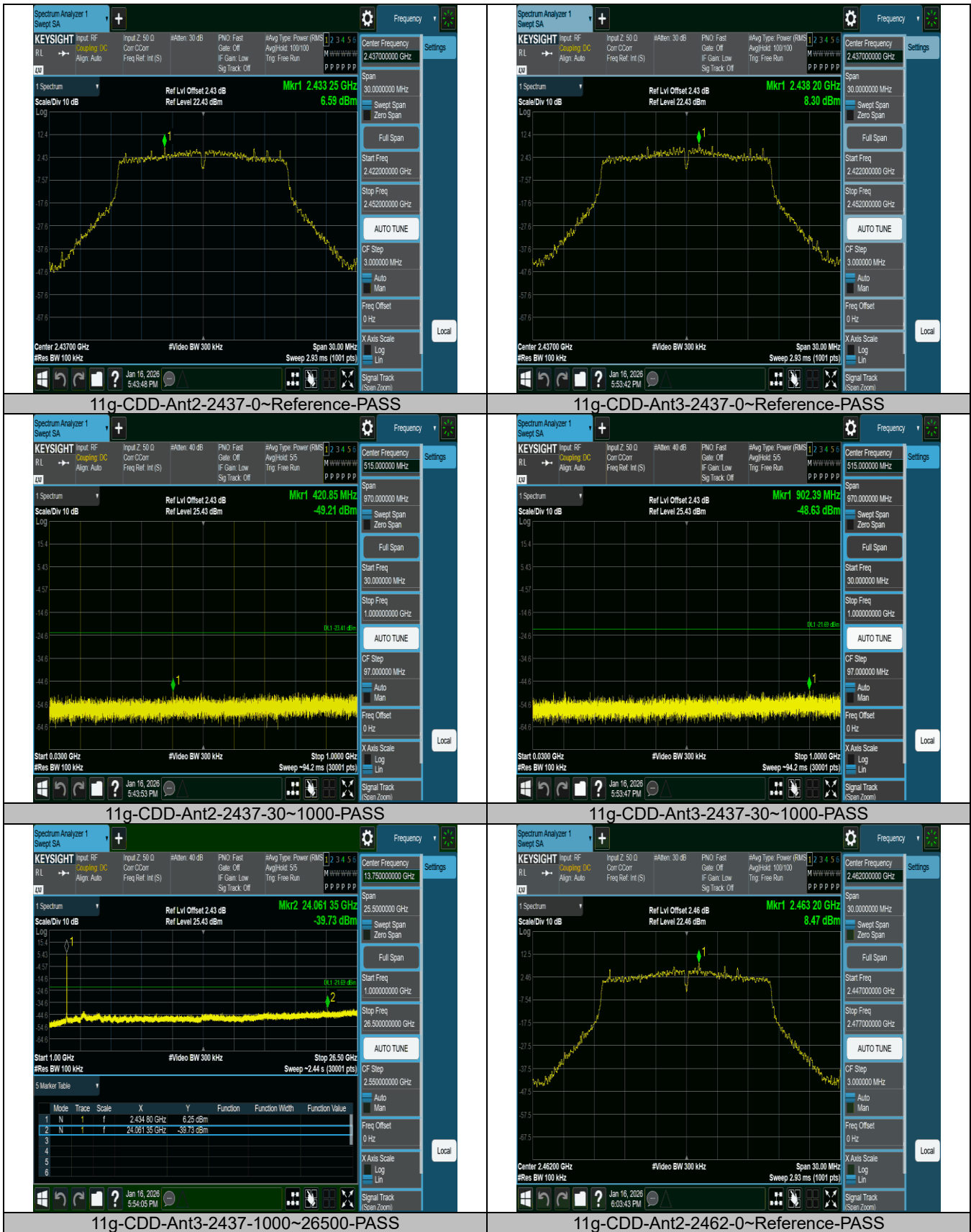
Test Graphs

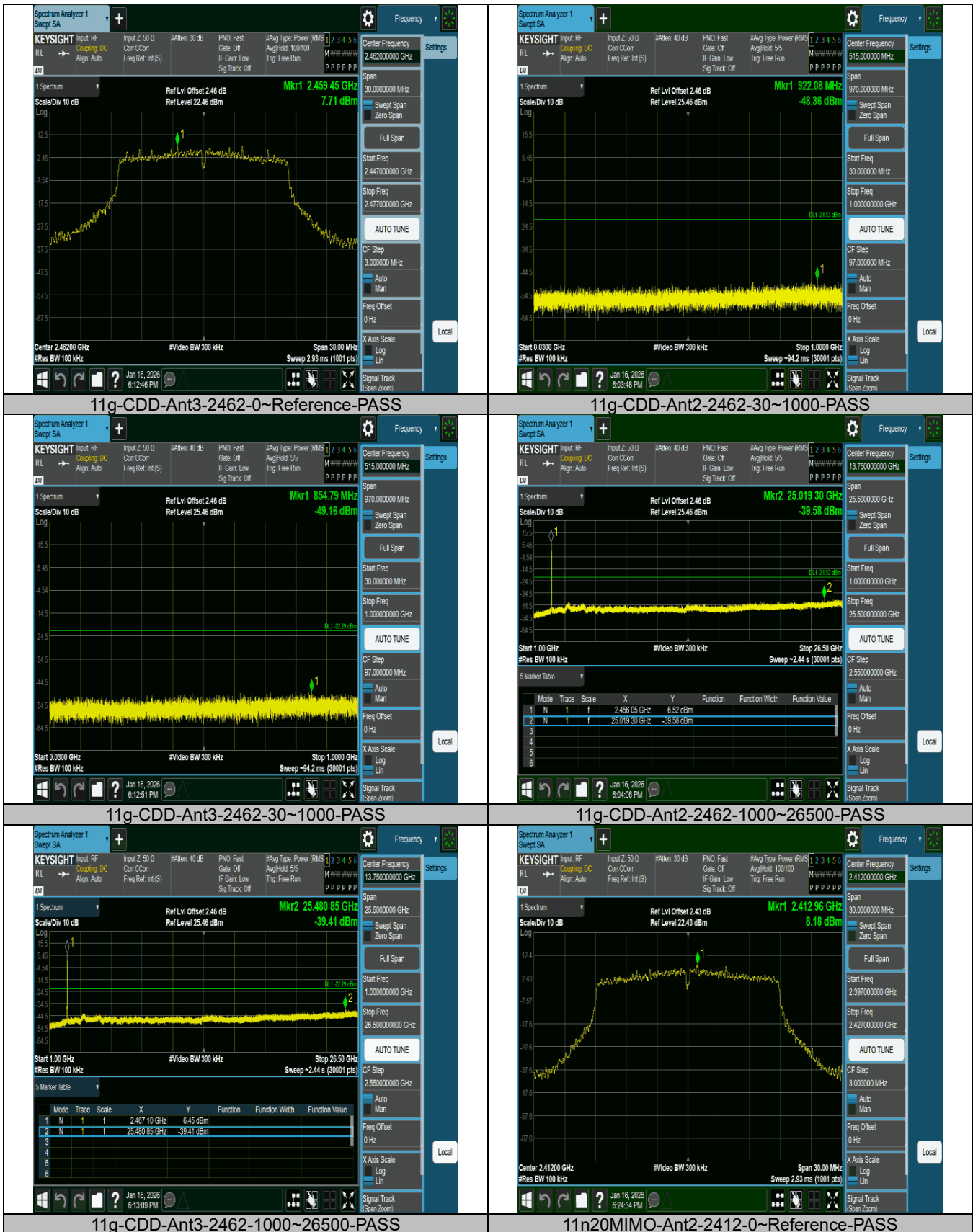


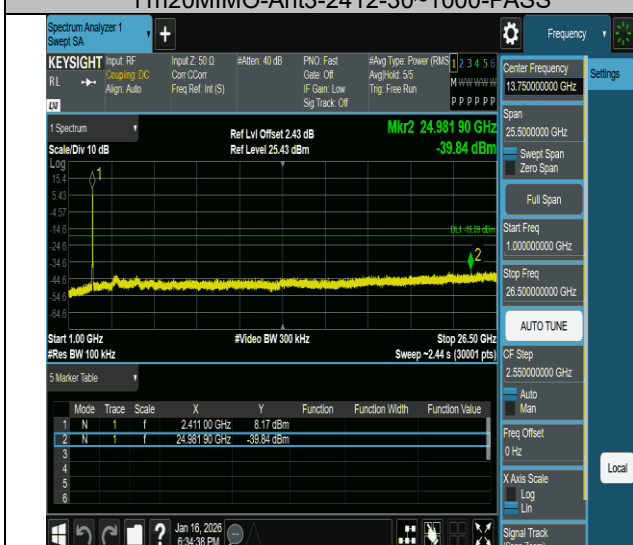
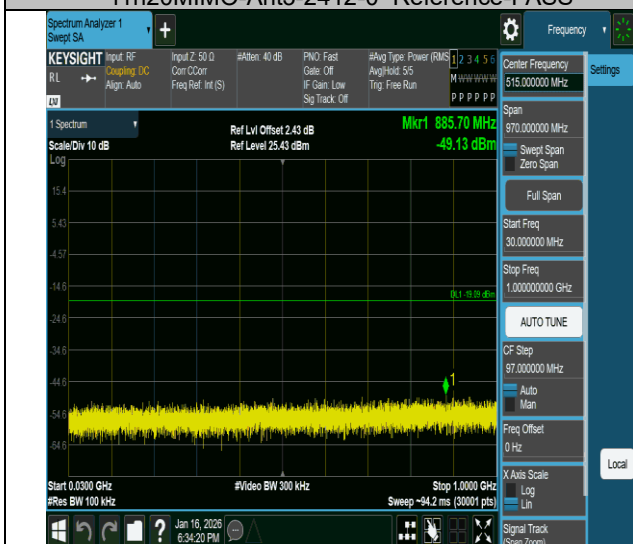
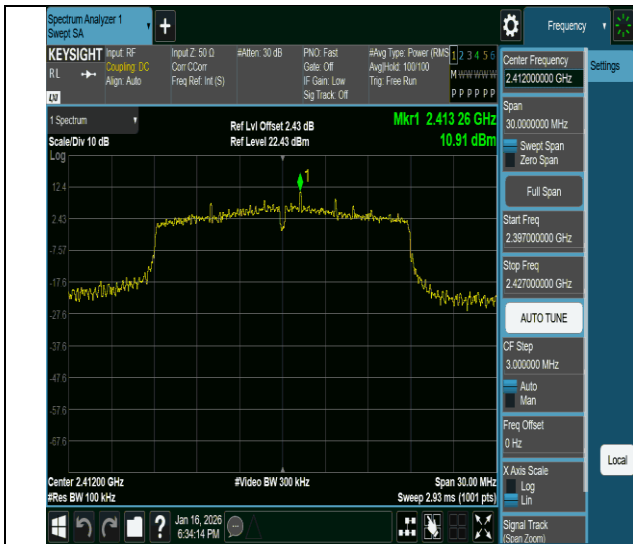


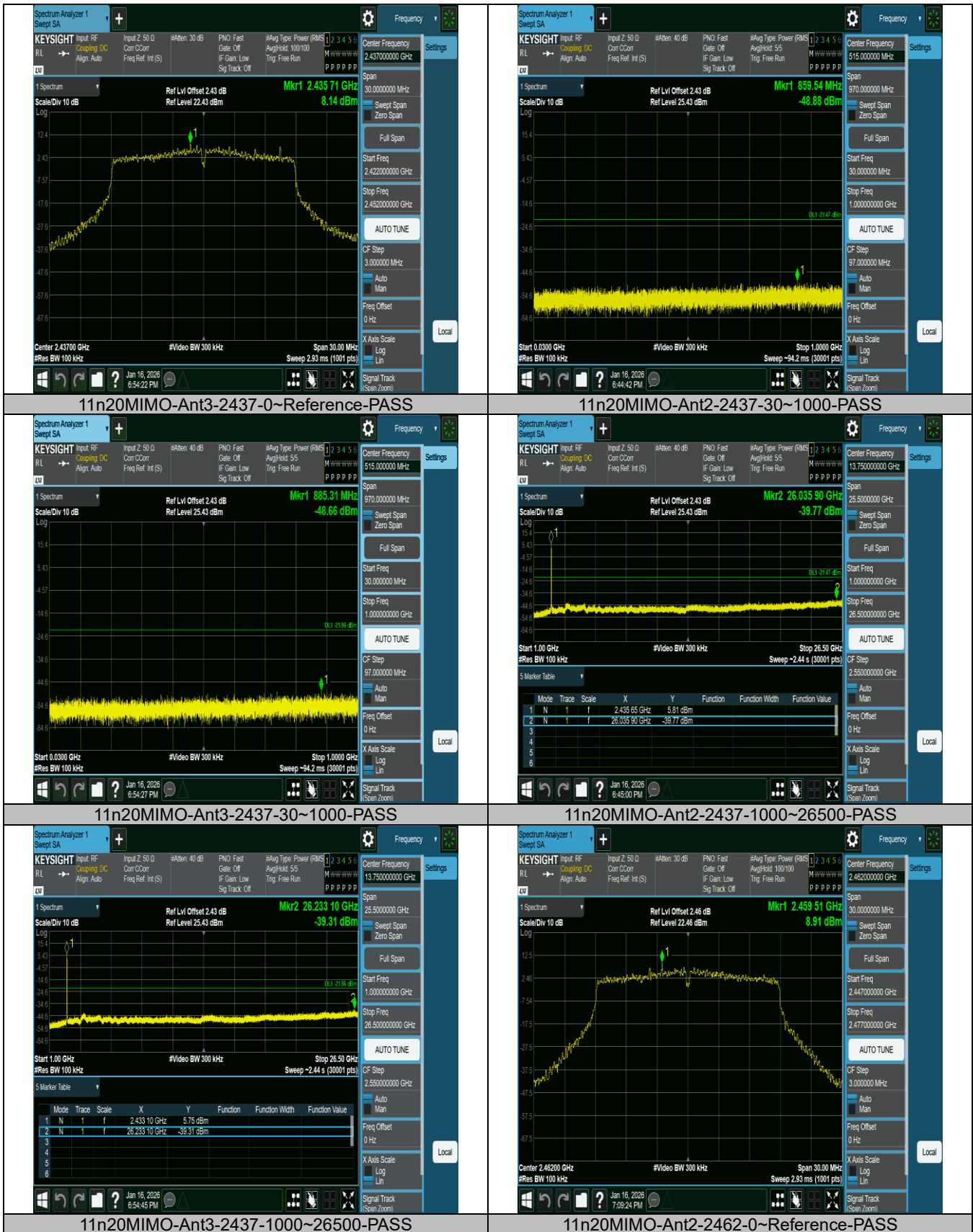


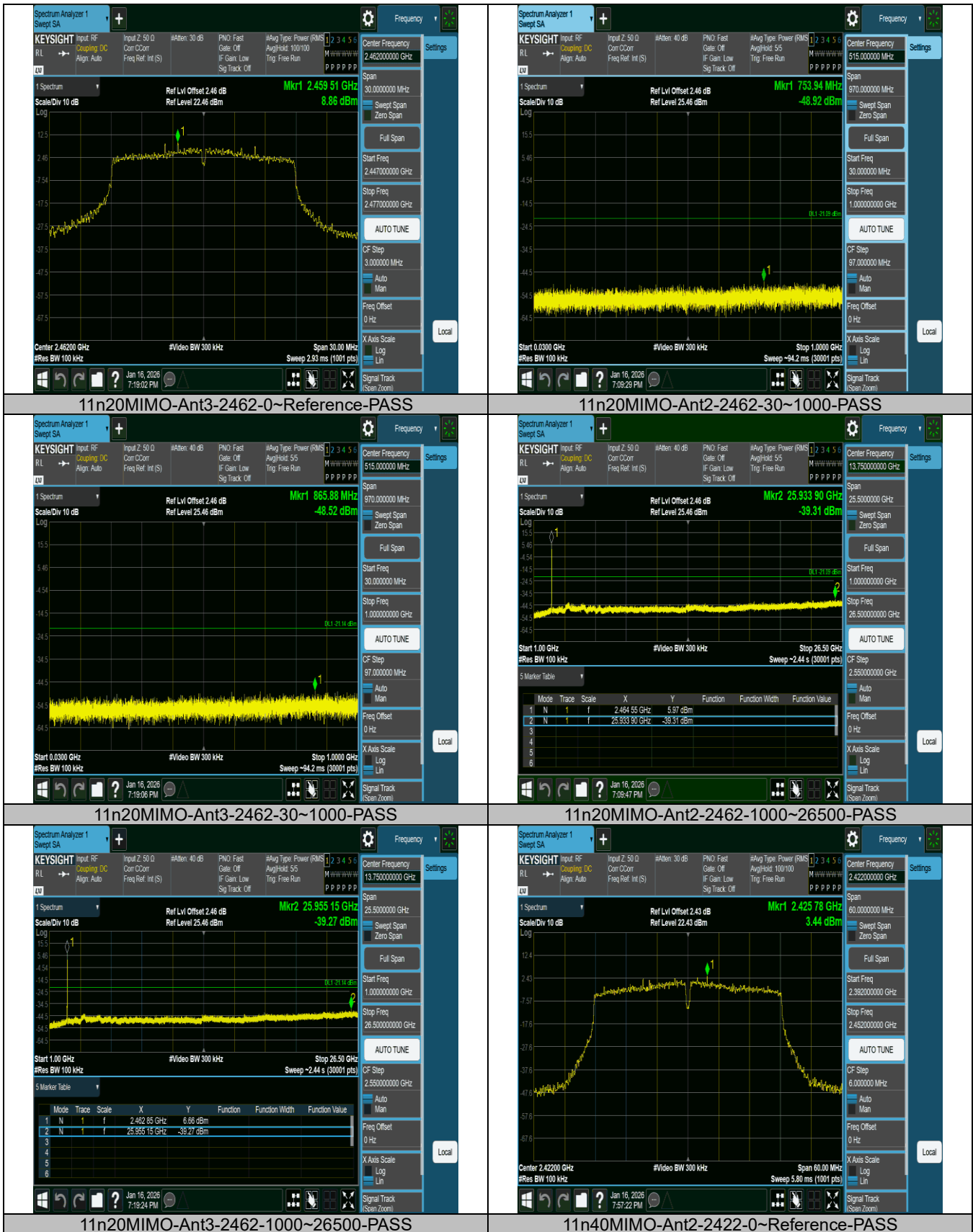


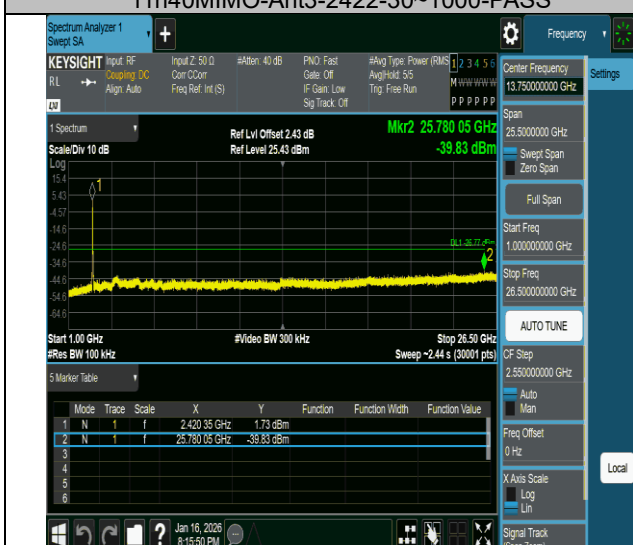
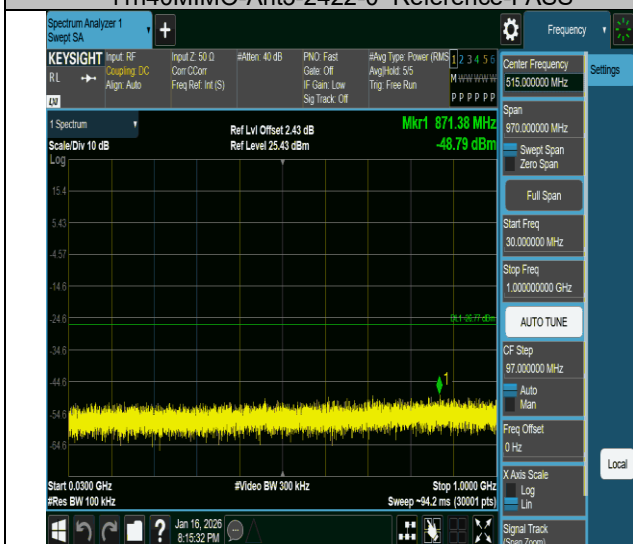
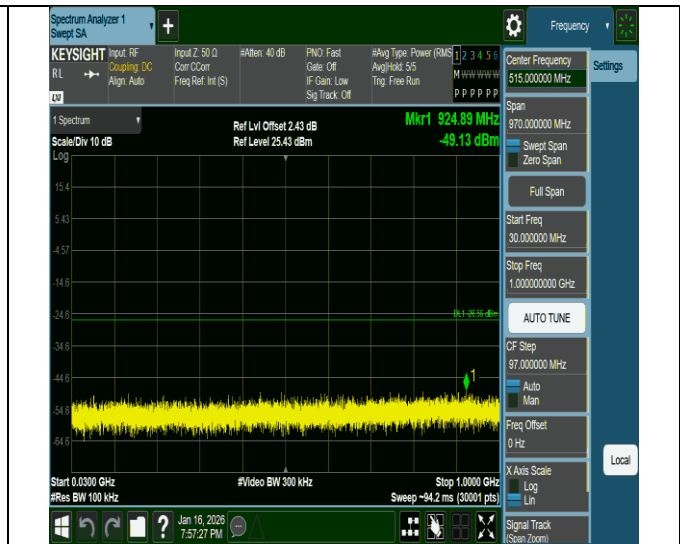
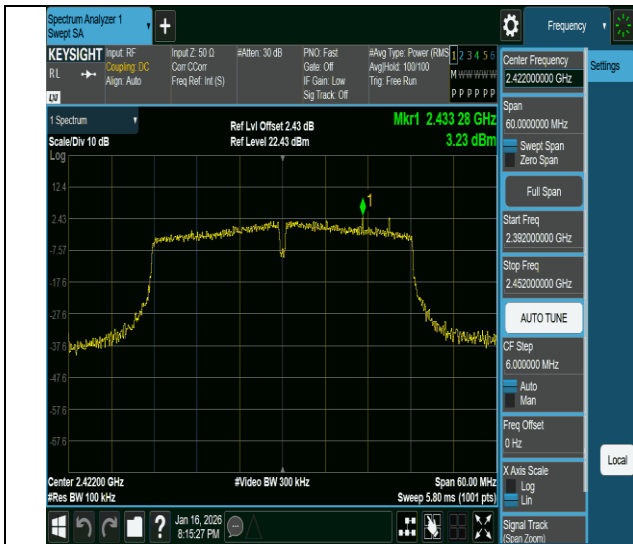


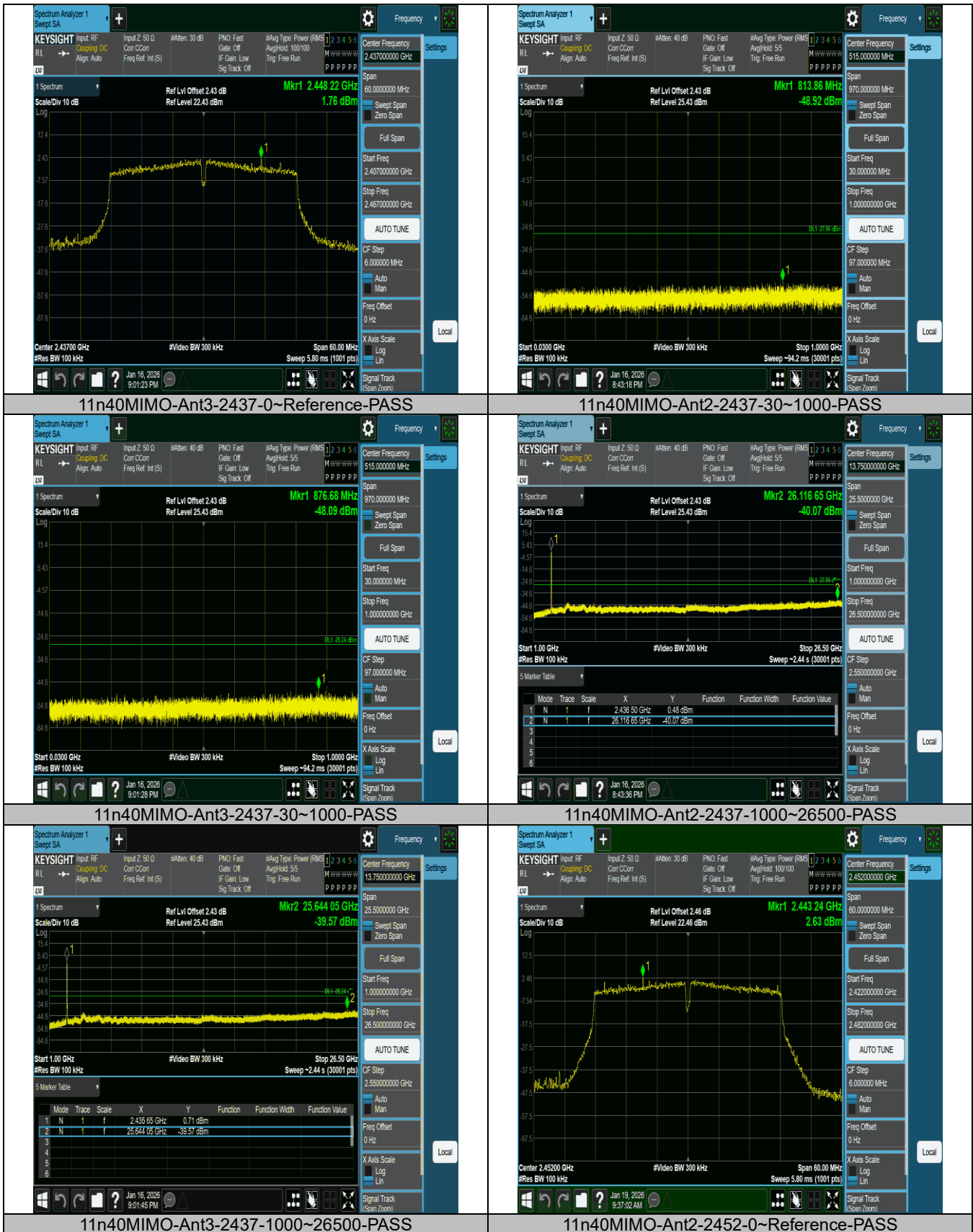


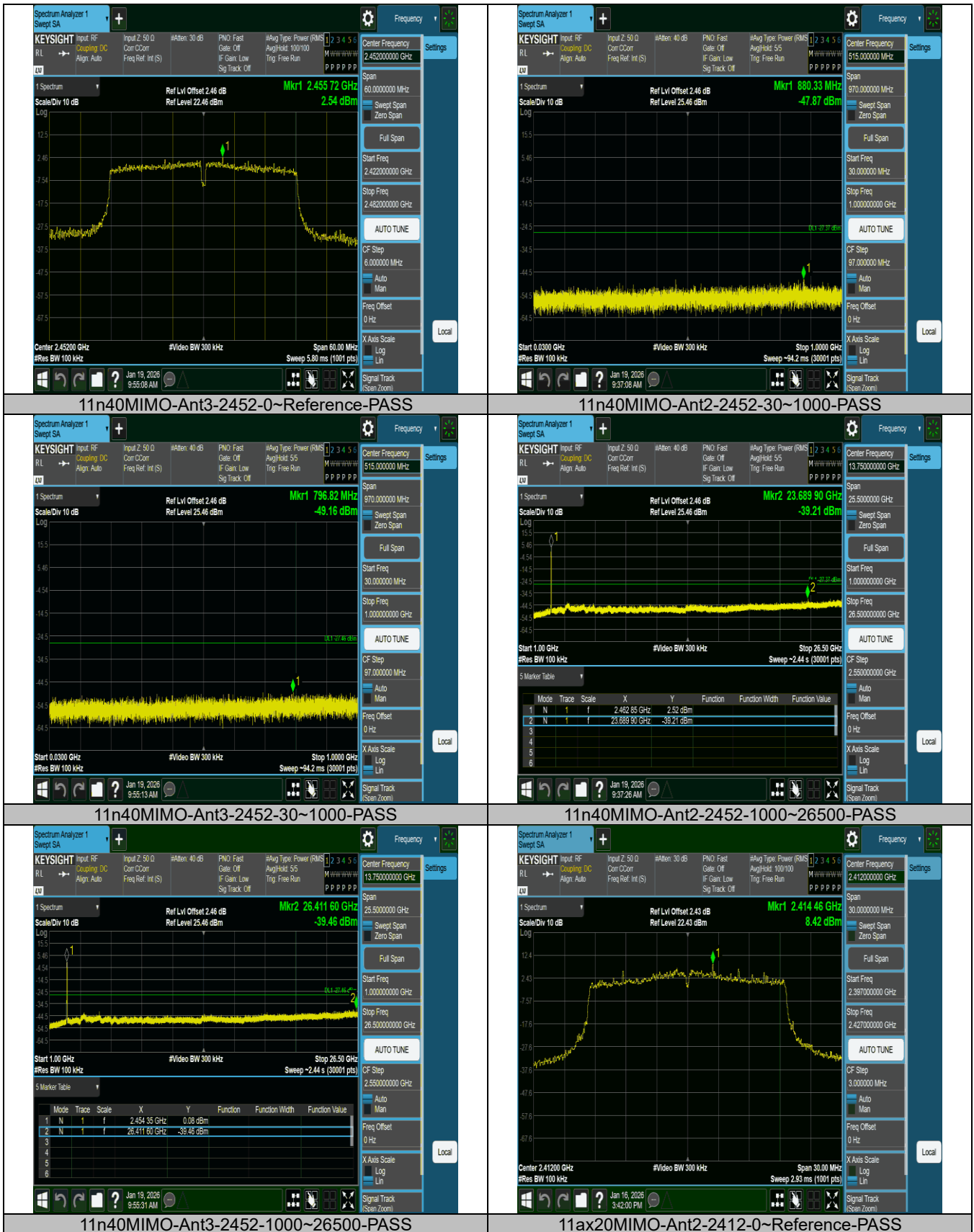


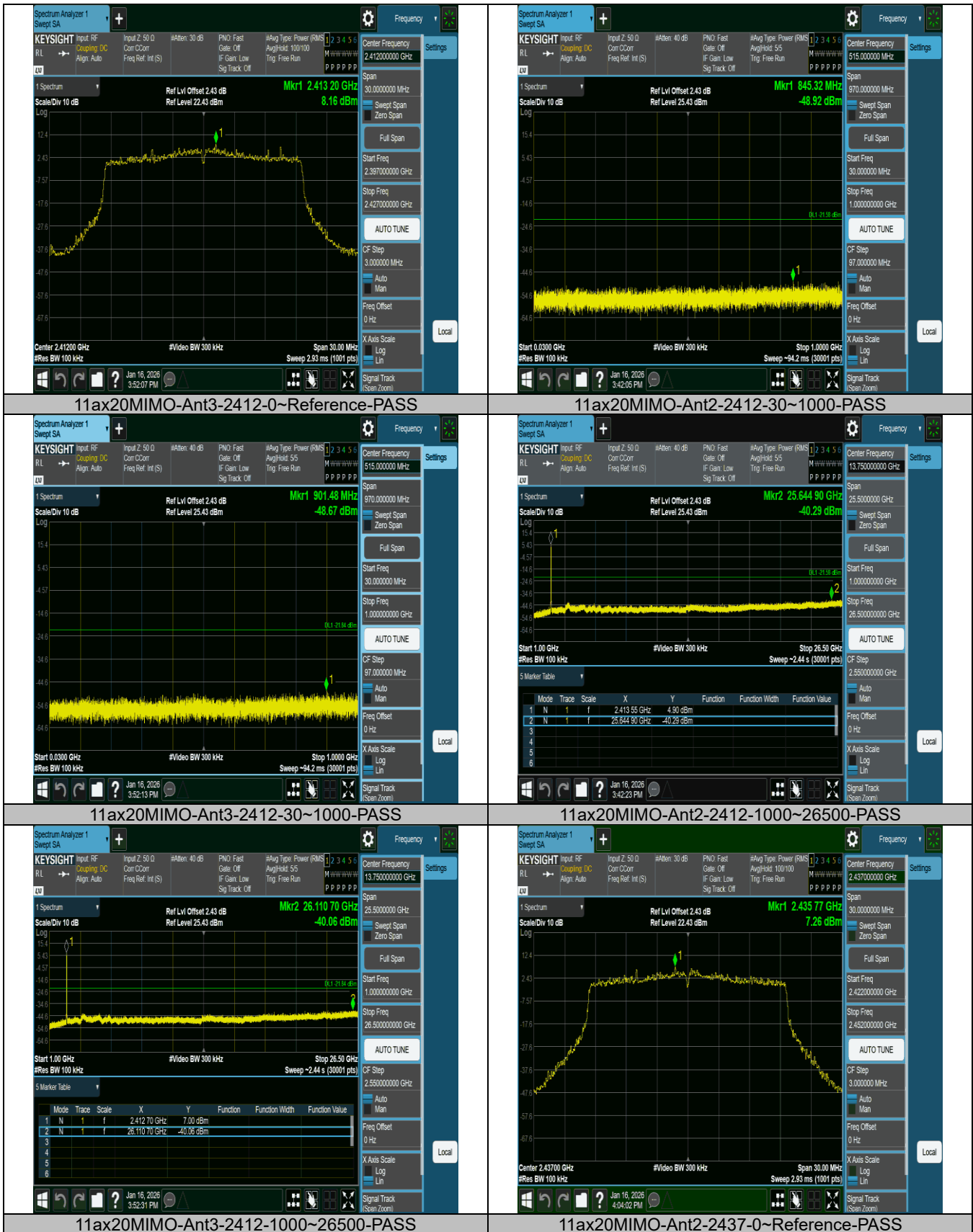


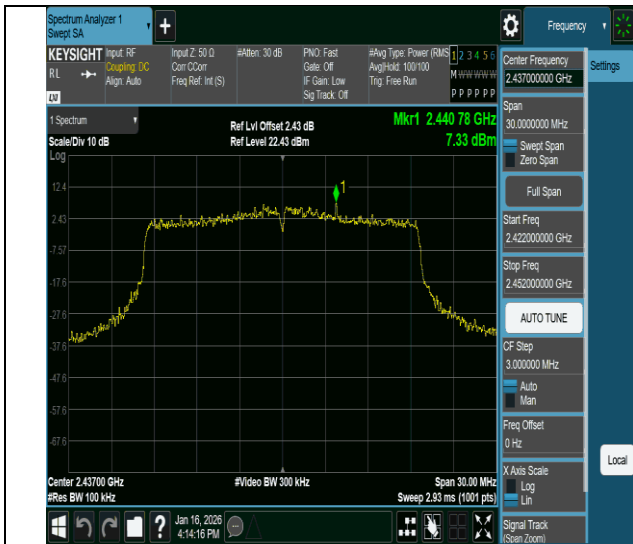




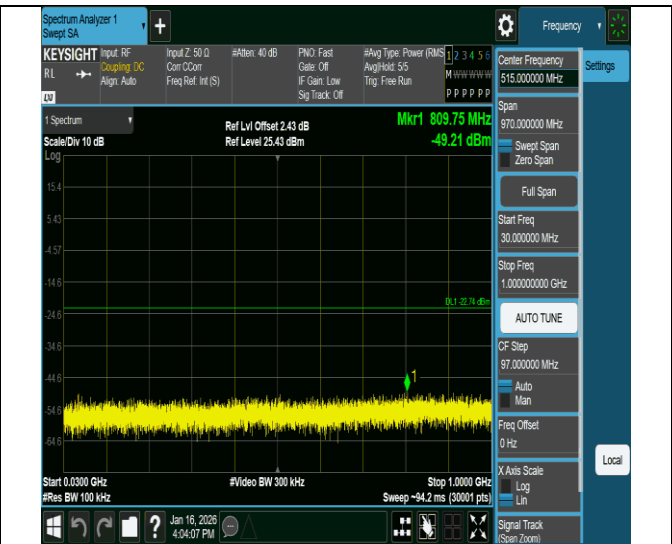




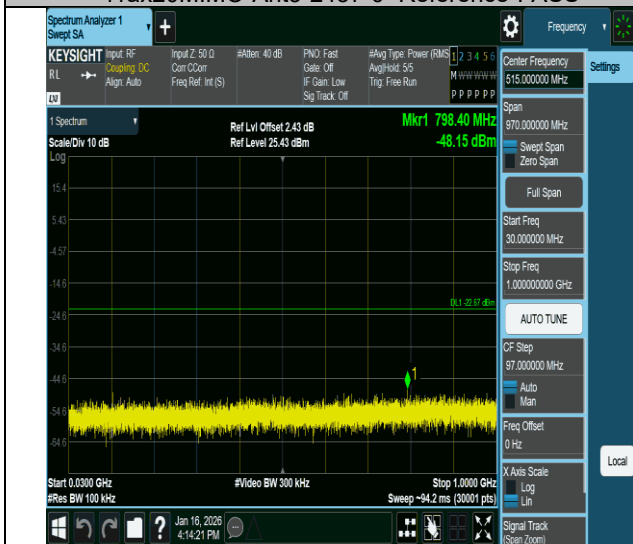




11ax20MIMO-Ant3-2437-0~Reference-PASS



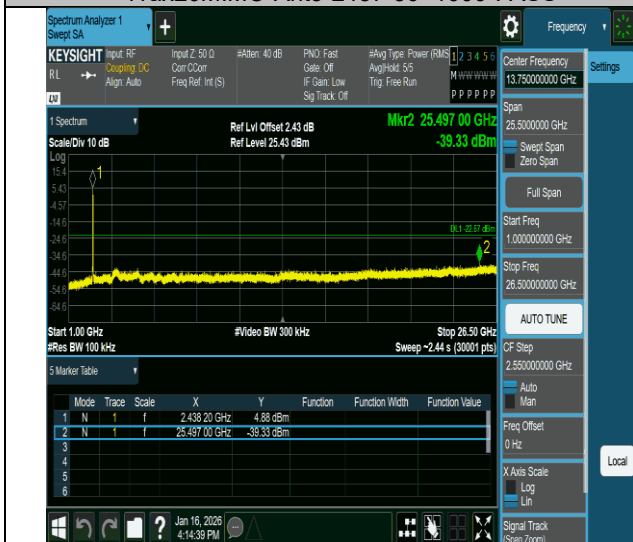
11ax20MIMO-Ant2-2437-30~1000-PASS



11ax20MIMO-Ant3-2437-30~1000-PASS



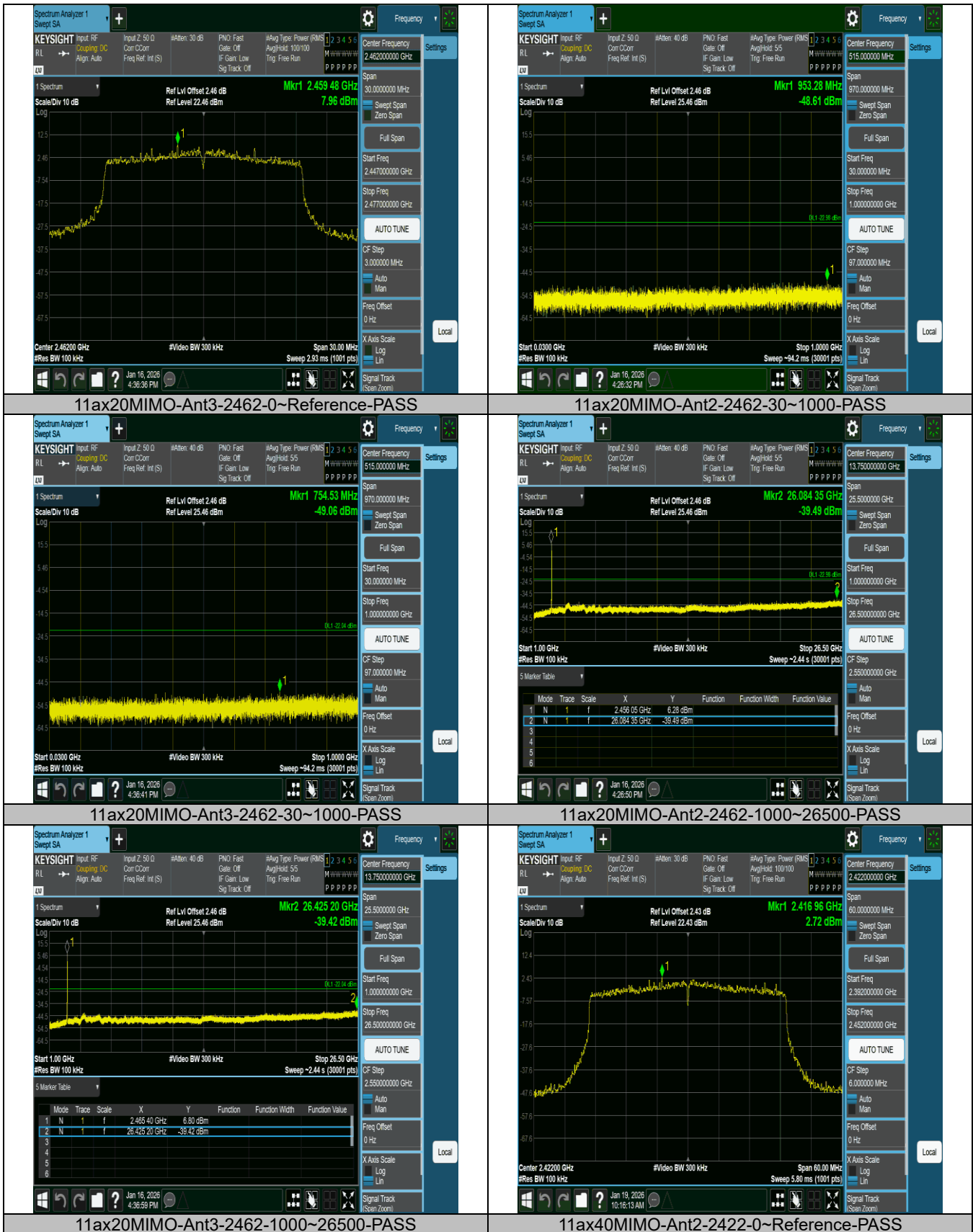
11ax20MIMO-Ant2-2437-1000~26500-PASS

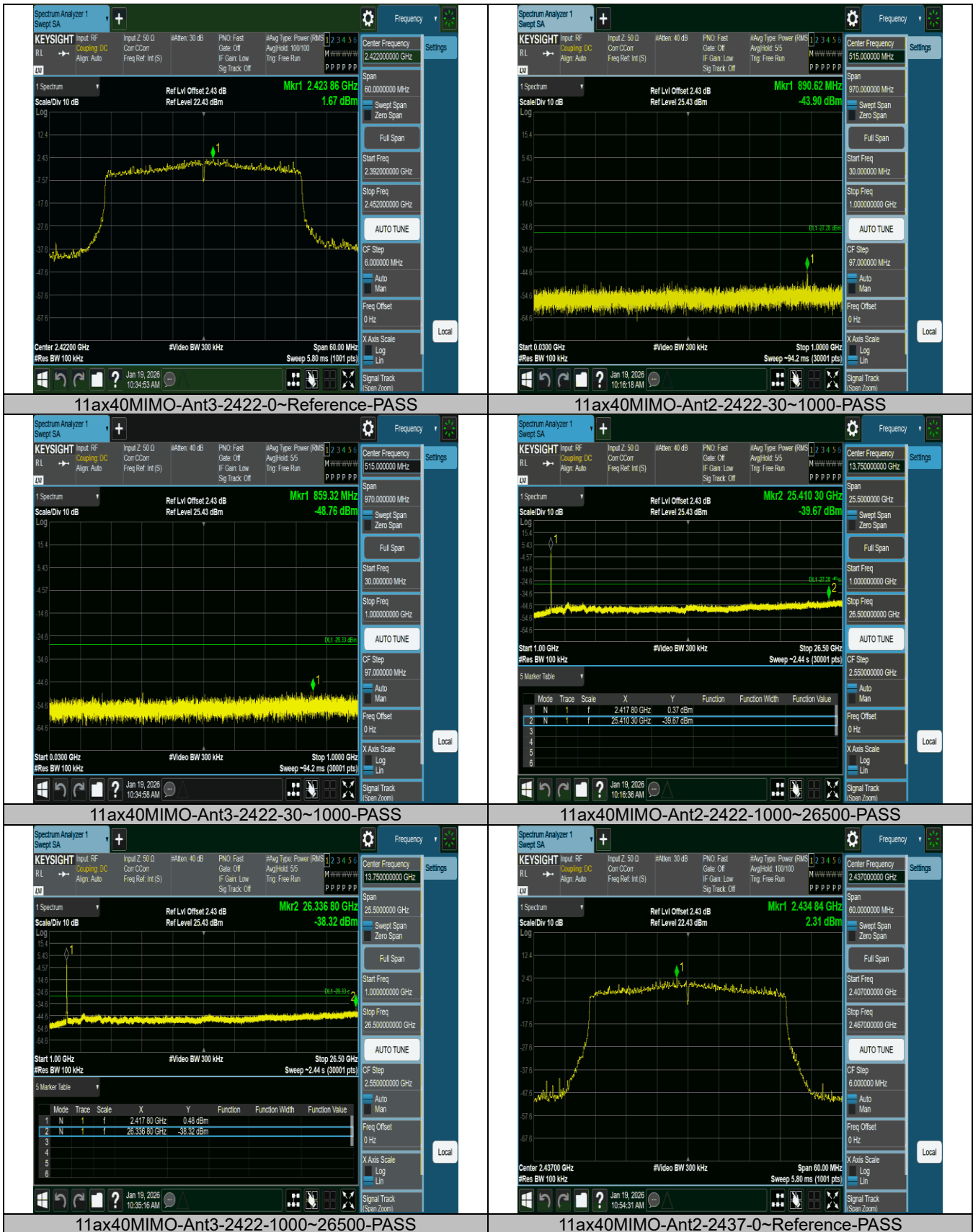


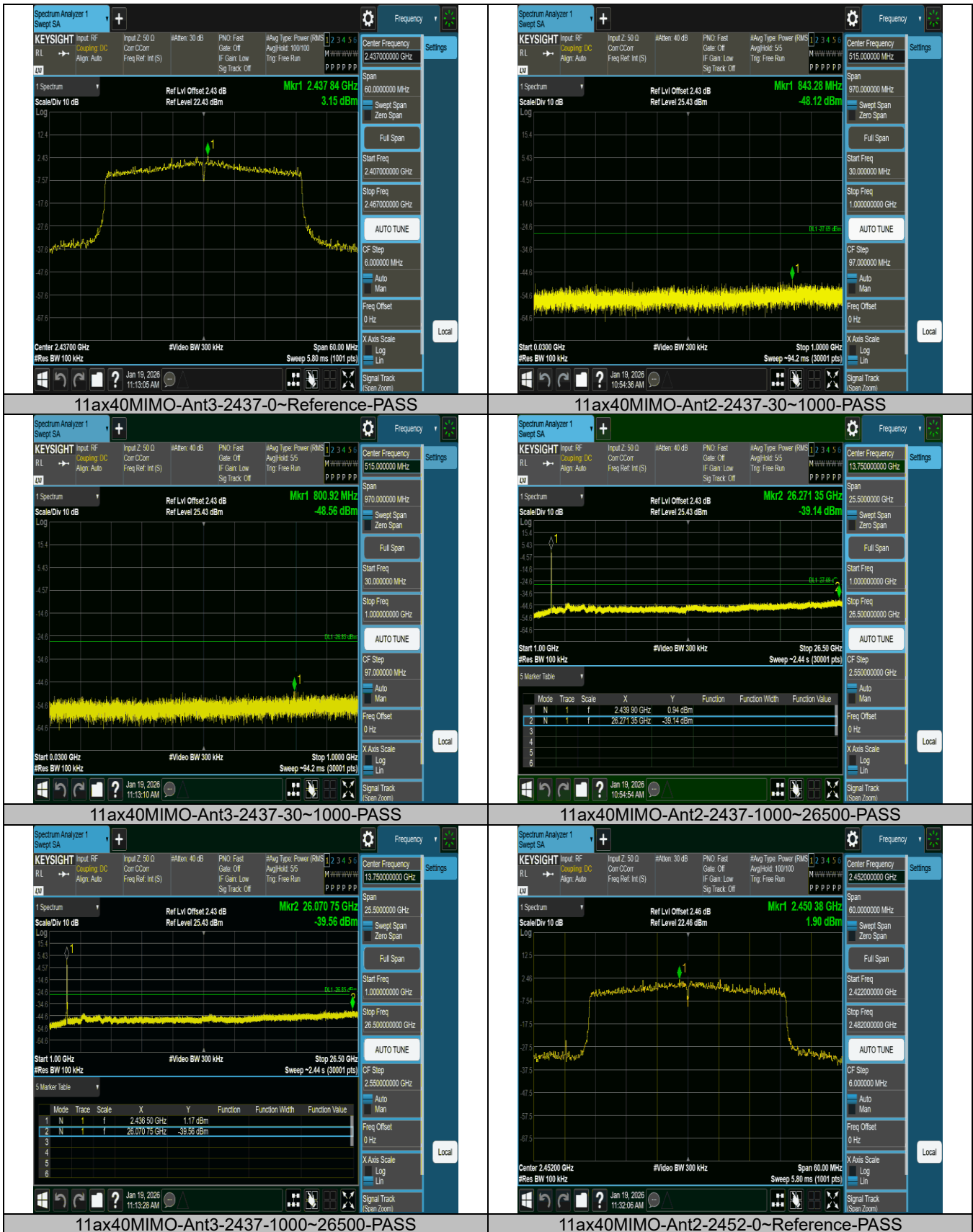
11ax20MIMO-Ant3-2437-1000~26500-PASS

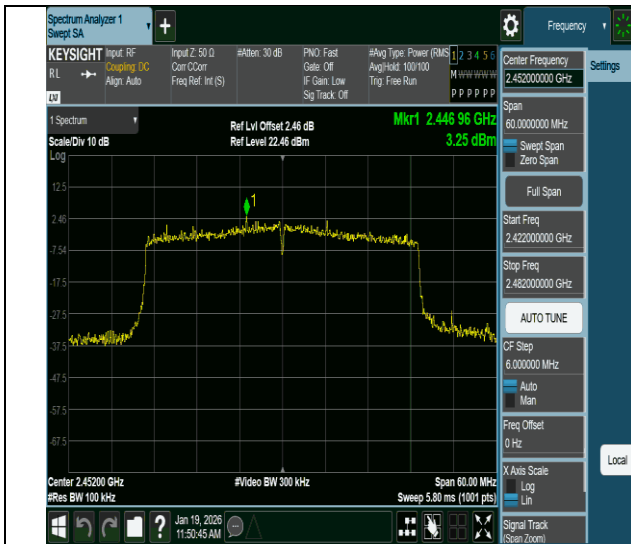


11ax20MIMO-Ant2-2462-0~Reference-PASS

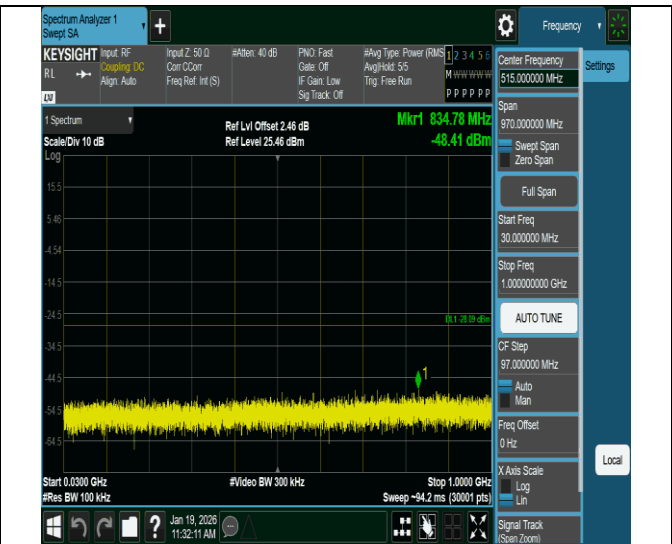




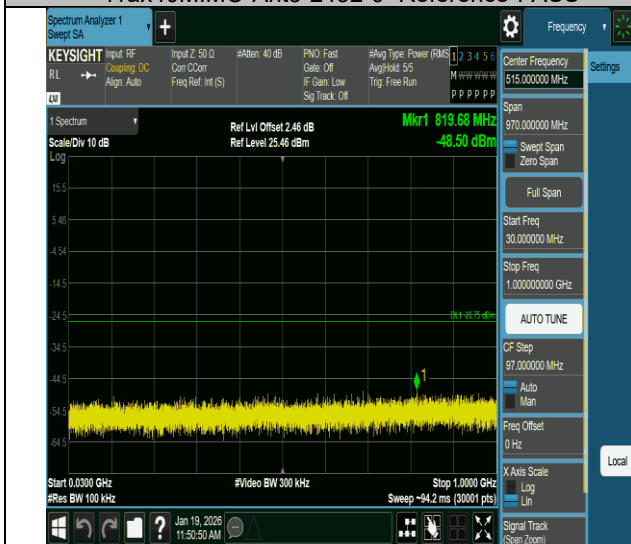




11ax40MIMO-Ant3-2452-0~Reference-PASS



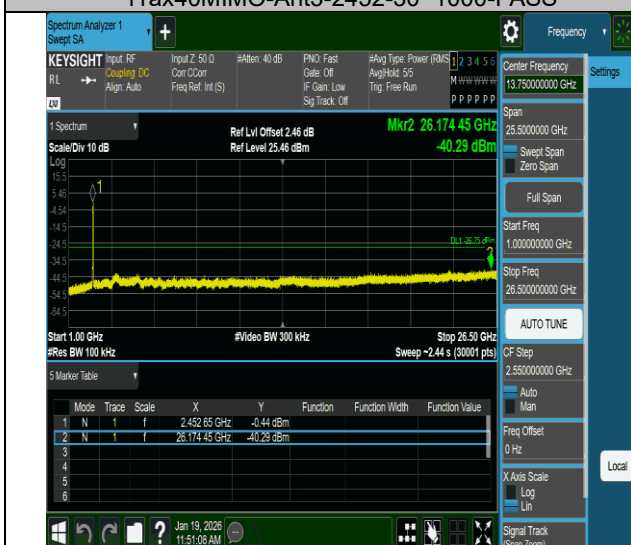
11ax40MIMO-Ant2-2452-30~1000-PASS



11ax40MIMO-Ant3-2452-30~1000-PASS



11ax40MIMO-Ant2-2452-1000~26500-PASS



11ax40MIMO-Ant3-2452-1000~26500-PASS

Duty Cycle Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor
11b-CDD	Ant2	2412	1.42	1.43	99.30	0.03
11b-CDD	Ant3	2412	1.43	1.44	99.31	0.03
11b-CDD	Ant2	2437	1.42	1.43	99.30	0.03
11b-CDD	Ant3	2437	1.42	1.44	98.61	0.06
11b-CDD	Ant2	2462	1.42	1.44	98.61	0.06
11b-CDD	Ant3	2462	1.42	1.44	98.61	0.06
11g-CDD	Ant2	2412	2.10	2.12	99.06	0.04
11g-CDD	Ant3	2412	2.09	2.11	99.05	0.04
11g-CDD	Ant2	2437	2.10	2.11	99.53	0.02
11g-CDD	Ant3	2437	2.09	2.11	99.05	0.04
11g-CDD	Ant2	2462	2.09	2.11	99.05	0.04
11g-CDD	Ant3	2462	2.09	2.11	99.05	0.04
11n20MIMO	Ant2	2412	5.34	5.36	99.63	0.02
11n20MIMO	Ant3	2412	5.36	5.38	99.63	0.02
11n20MIMO	Ant2	2437	5.35	5.37	99.63	0.02
11n20MIMO	Ant3	2437	5.36	5.38	99.63	0.02
11n20MIMO	Ant2	2462	5.36	5.37	99.81	0.01
11n20MIMO	Ant3	2462	5.36	5.37	99.81	0.01
11n40MIMO	Ant2	2422	5.38	5.40	99.63	0.02
11n40MIMO	Ant3	2422	5.37	5.39	99.63	0.02
11n40MIMO	Ant2	2437	5.38	5.40	99.63	0.02
11n40MIMO	Ant3	2437	5.37	5.39	99.63	0.02
11n40MIMO	Ant2	2452	5.37	5.39	99.63	0.02
11n40MIMO	Ant3	2452	5.39	5.40	99.81	0.01
11ax20MIMO	Ant2	2412	5.41	5.43	99.63	0.02
11ax20MIMO	Ant3	2412	5.42	5.44	99.63	0.02
11ax20MIMO	Ant2	2437	5.41	5.43	99.63	0.02
11ax20MIMO	Ant3	2437	5.42	5.44	99.63	0.02
11ax20MIMO	Ant2	2462	5.41	5.44	99.45	0.02
11ax20MIMO	Ant3	2462	5.42	5.44	99.63	0.02
11ax40MIMO	Ant2	2422	5.39	5.41	99.63	0.02
11ax40MIMO	Ant3	2422	5.39	5.41	99.63	0.02
11ax40MIMO	Ant2	2437	5.39	5.41	99.63	0.02
11ax40MIMO	Ant3	2437	5.39	5.41	99.63	0.02
11ax40MIMO	Ant2	2452	5.39	5.41	99.63	0.02
11ax40MIMO	Ant3	2452	5.40	5.41	99.82	0.01

RU-WLAN

Maximum conducted output power

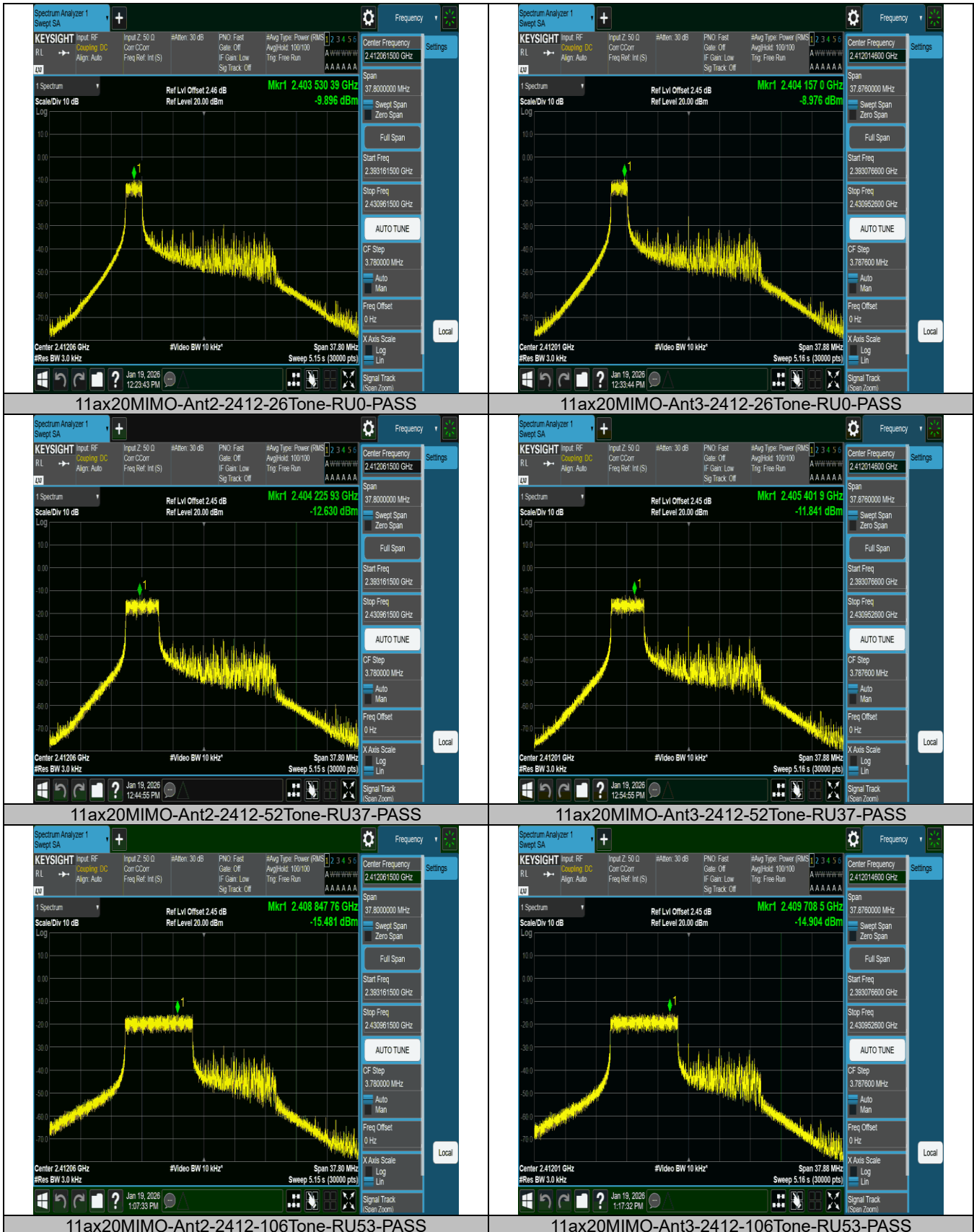
Test Result Average

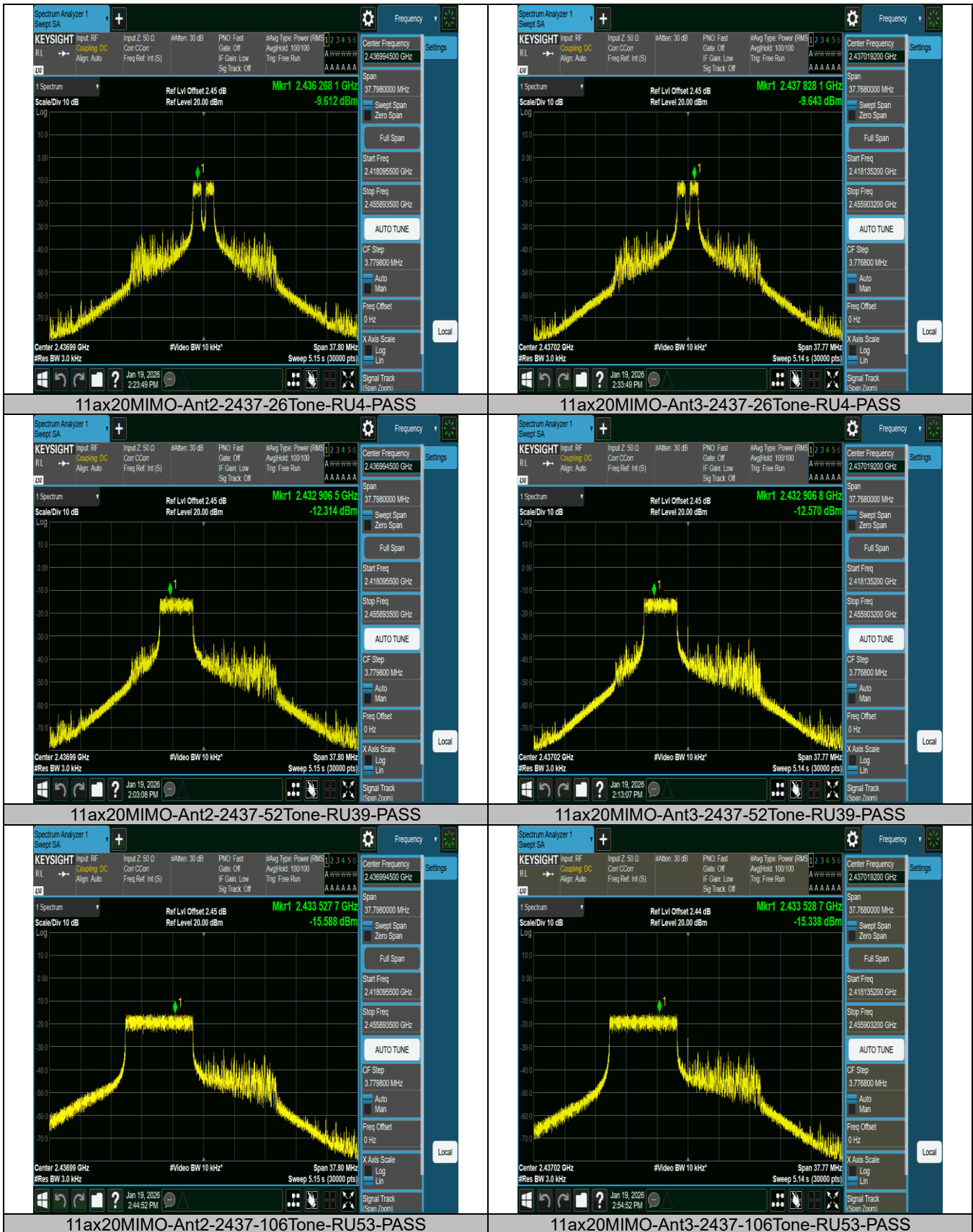
Test Mode	Frequency [MHz]	RU#Size	RU#Index	Conducted Average Ant2(dBm)	Conducted Average Ant3(dBm)	Conducted Average Total (dBm)	Conducted Limit [dBm]	Verdict
11ax20MIMO	2412	26	0	15.82	16.33	19.09	≤30.00	Pass
	2437	26	4	15.93	16.02	18.99	≤30.00	Pass
	2462	26	8	16.36	16.21	19.30	≤30.00	Pass
	2412	52	37	15.65	16.18	18.93	≤30.00	Pass
	2437	52	39	16.03	15.98	19.02	≤30.00	Pass
	2462	52	40	16.23	16.12	19.19	≤30.00	Pass
	2412	106	53	15.89	16.33	19.13	≤30.00	Pass
	2437	106	53	16.25	16.22	19.25	≤30.00	Pass
	2462	106	54	16.31	16.18	19.26	≤30.00	Pass
11ax40MIMO	2422	242	61	15.87	16.07	18.98	≤30.00	Pass
	2437	242	61	16.06	15.91	19.00	≤30.00	Pass
	2452	242	62	15.96	15.75	18.87	≤30.00	Pass

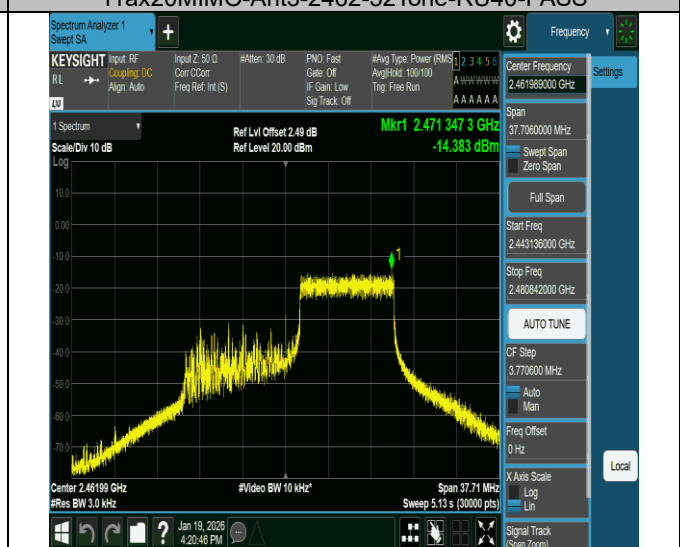
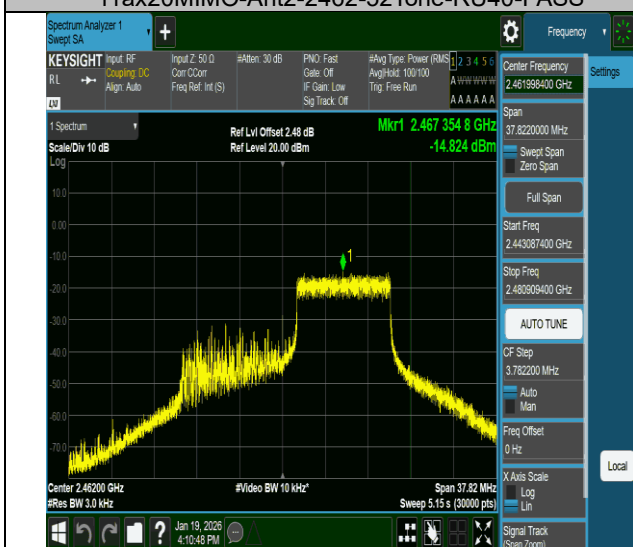
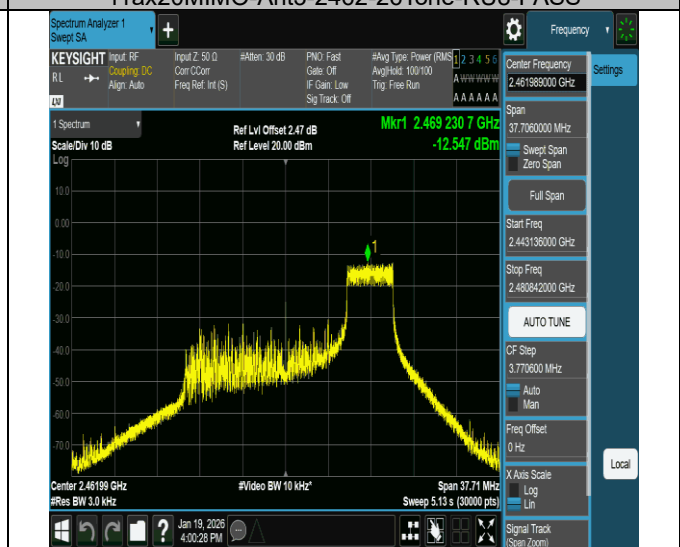
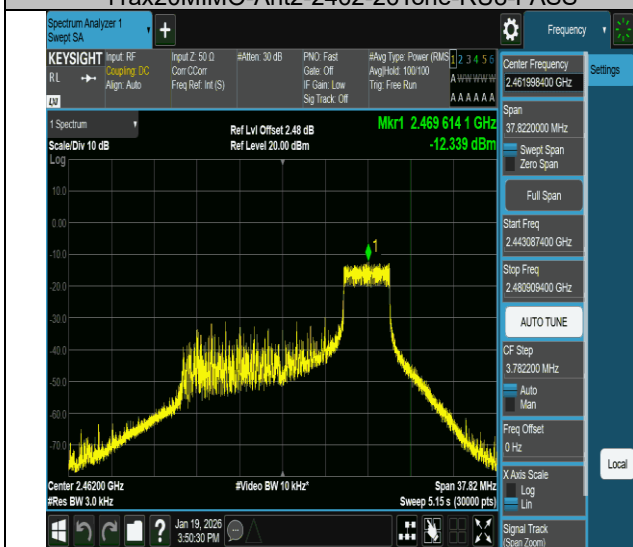
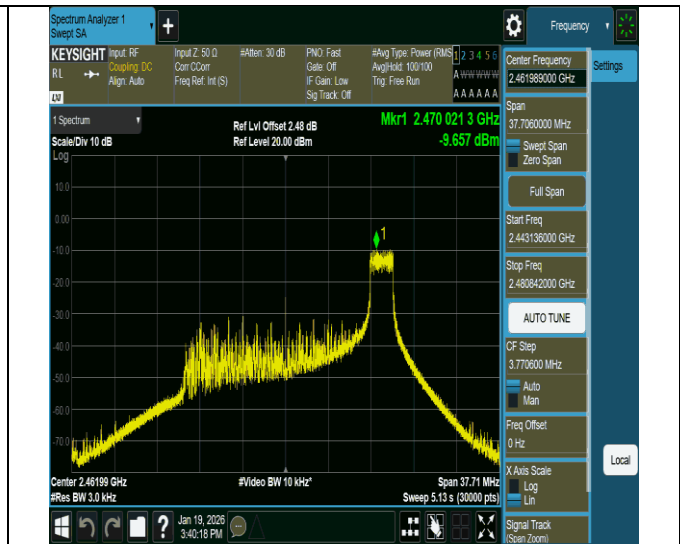
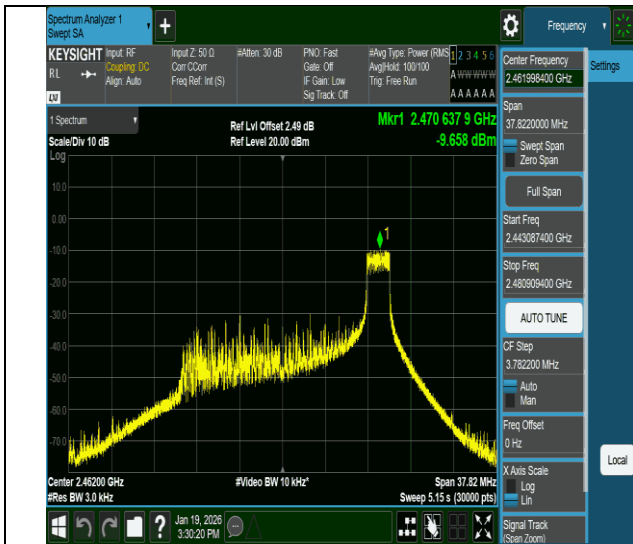
**Maximum power spectral density
Test Result**

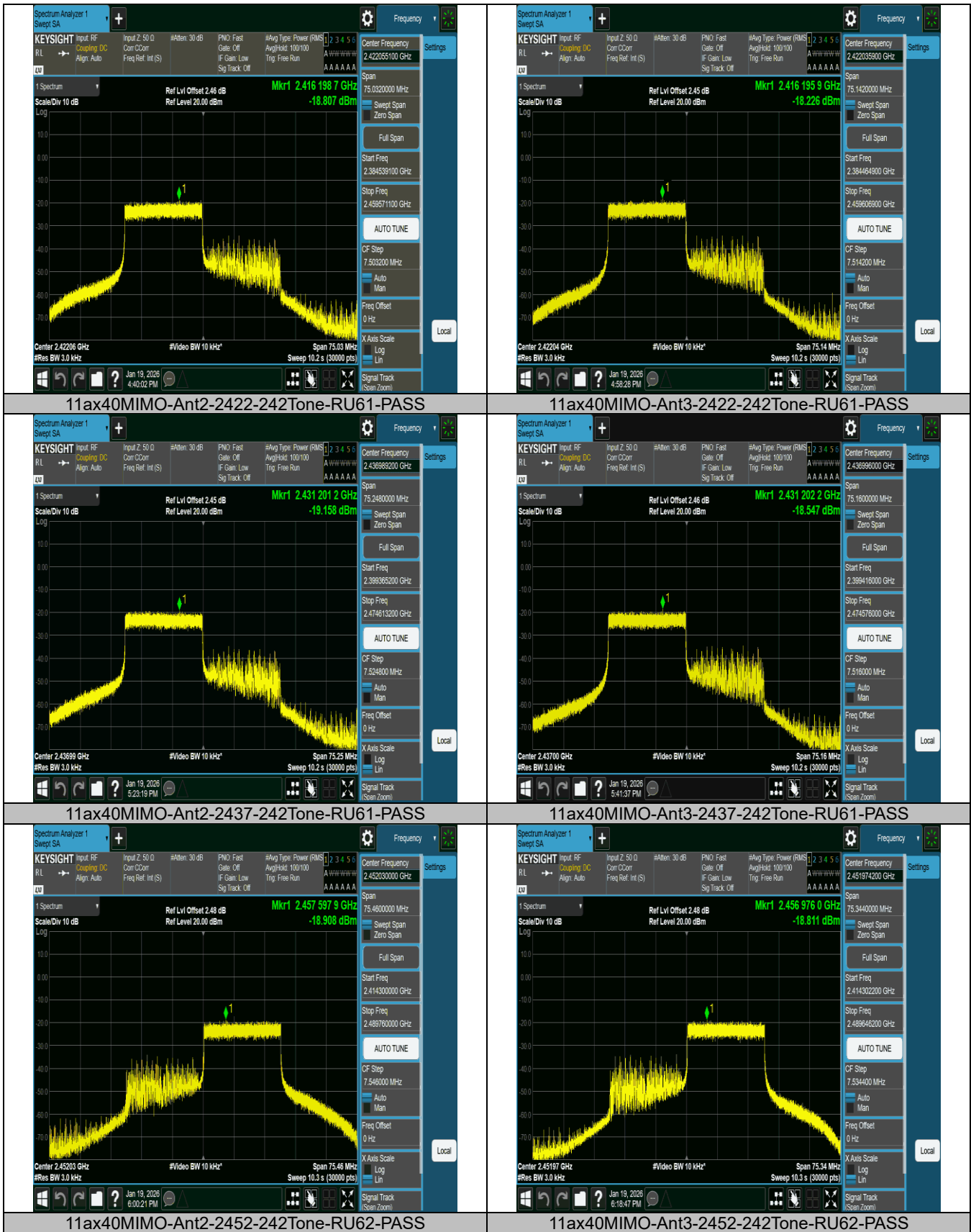
TestMode	Antenna	Frequency [MHz]	RuSize	RuIndex	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11ax20MIMO	Ant2	2412	26Tone	RU0	-9.90	≤8.00	PASS
11ax20MIMO	Ant3	2412	26Tone	RU0	-8.98	≤8.00	PASS
11ax20MIMO	total	2412	26Tone	RU0	-6.41	≤8.00	PASS
11ax20MIMO	Ant2	2412	52Tone	RU37	-12.63	≤8.00	PASS
11ax20MIMO	Ant3	2412	52Tone	RU37	-11.84	≤8.00	PASS
11ax20MIMO	total	2412	52Tone	RU37	-9.21	≤8.00	PASS
11ax20MIMO	Ant2	2412	106Tone	RU53	-15.48	≤8.00	PASS
11ax20MIMO	Ant3	2412	106Tone	RU53	-14.90	≤8.00	PASS
11ax20MIMO	total	2412	106Tone	RU53	-12.17	≤8.00	PASS
11ax20MIMO	Ant2	2437	26Tone	RU4	-9.61	≤8.00	PASS
11ax20MIMO	Ant3	2437	26Tone	RU4	-9.64	≤8.00	PASS
11ax20MIMO	total	2437	26Tone	RU4	-6.61	≤8.00	PASS
11ax20MIMO	Ant2	2437	52Tone	RU39	-12.31	≤8.00	PASS
11ax20MIMO	Ant3	2437	52Tone	RU39	-12.57	≤8.00	PASS
11ax20MIMO	total	2437	52Tone	RU39	-9.43	≤8.00	PASS
11ax20MIMO	Ant2	2437	106Tone	RU53	-15.59	≤8.00	PASS
11ax20MIMO	Ant3	2437	106Tone	RU53	-15.34	≤8.00	PASS
11ax20MIMO	total	2437	106Tone	RU53	-12.45	≤8.00	PASS
11ax20MIMO	Ant2	2462	26Tone	RU8	-9.66	≤8.00	PASS
11ax20MIMO	Ant3	2462	26Tone	RU8	-9.66	≤8.00	PASS
11ax20MIMO	total	2462	26Tone	RU8	-6.65	≤8.00	PASS
11ax20MIMO	Ant2	2462	52Tone	RU40	-12.34	≤8.00	PASS
11ax20MIMO	Ant3	2462	52Tone	RU40	-12.55	≤8.00	PASS
11ax20MIMO	total	2462	52Tone	RU40	-9.43	≤8.00	PASS
11ax20MIMO	Ant2	2462	106Tone	RU54	-14.82	≤8.00	PASS
11ax20MIMO	Ant3	2462	106Tone	RU54	-14.38	≤8.00	PASS
11ax20MIMO	total	2462	106Tone	RU54	-11.58	≤8.00	PASS
11ax40MIMO	Ant2	2422	242Tone	RU61	-18.81	≤8.00	PASS
11ax40MIMO	Ant3	2422	242Tone	RU61	-18.23	≤8.00	PASS
11ax40MIMO	total	2422	242Tone	RU61	-15.50	≤8.00	PASS
11ax40MIMO	Ant2	2437	242Tone	RU61	-19.16	≤8.00	PASS
11ax40MIMO	Ant3	2437	242Tone	RU61	-18.55	≤8.00	PASS
11ax40MIMO	total	2437	242Tone	RU61	-15.83	≤8.00	PASS
11ax40MIMO	Ant2	2452	242Tone	RU62	-18.91	≤8.00	PASS
11ax40MIMO	Ant3	2452	242Tone	RU62	-18.81	≤8.00	PASS
11ax40MIMO	total	2452	242Tone	RU62	-15.85	≤8.00	PASS

Test Graphs









Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	Ru Size	Ru Index	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11ax20MIMO	Ant2	Low	2412	26Tone	RU0	9.45	-23.94	≤-20.55	PASS
11ax20MIMO	Ant3	Low	2412	26Tone	RU0	9.93	-20.69	≤-20.07	PASS
11ax20MIMO	Ant2	Low	2412	52Tone	RU37	6.90	-25.44	≤-23.1	PASS
11ax20MIMO	Ant3	Low	2412	52Tone	RU37	7.13	-25.08	≤-22.87	PASS
11ax20MIMO	Ant2	Low	2412	106Tone	RU53	4.56	-26.08	≤-25.44	PASS
11ax20MIMO	Ant3	Low	2412	106Tone	RU53	4.92	-25.2	≤-25.08	PASS
11ax20MIMO	Ant2	Low	2437	26Tone	RU4	-0.03	-52.38	≤-30.03	PASS
11ax20MIMO	Ant3	Low	2437	26Tone	RU4	-2.21	-53.58	≤-32.21	PASS
11ax20MIMO	Ant2	Low	2437	52Tone	RU39	-2.33	-54.06	≤-32.33	PASS
11ax20MIMO	Ant3	Low	2437	52Tone	RU39	3.12	-53.35	≤-26.88	PASS
11ax20MIMO	Ant2	Low	2437	106Tone	RU53	4.57	-53.89	≤-25.43	PASS
11ax20MIMO	Ant3	Low	2437	106Tone	RU53	4.34	-53.8	≤-25.66	PASS
11ax20MIMO	Ant2	High	2462	26Tone	RU8	9.54	-39.73	≤-20.46	PASS
11ax20MIMO	Ant3	High	2462	26Tone	RU8	9.58	-38.99	≤-20.42	PASS
11ax20MIMO	Ant2	High	2462	52Tone	RU40	7.27	-35.95	≤-22.73	PASS
11ax20MIMO	Ant3	High	2462	52Tone	RU40	7.36	-41.25	≤-22.64	PASS
11ax20MIMO	Ant2	High	2462	106Tone	RU54	4.18	-40.54	≤-25.83	PASS
11ax20MIMO	Ant3	High	2462	106Tone	RU54	4.61	-38.62	≤-25.39	PASS
11ax40MIMO	Ant2	Low	2422	242Tone	RU61	0.75	-30.3	≤-29.25	PASS
11ax40MIMO	Ant3	Low	2422	242Tone	RU61	0.48	-30.53	≤-29.53	PASS
11ax40MIMO	Ant2	High	2452	242Tone	RU62	1.29	-32.13	≤-28.71	PASS
11ax40MIMO	Ant3	High	2452	242Tone	RU62	0.97	-33.45	≤-29.03	PASS