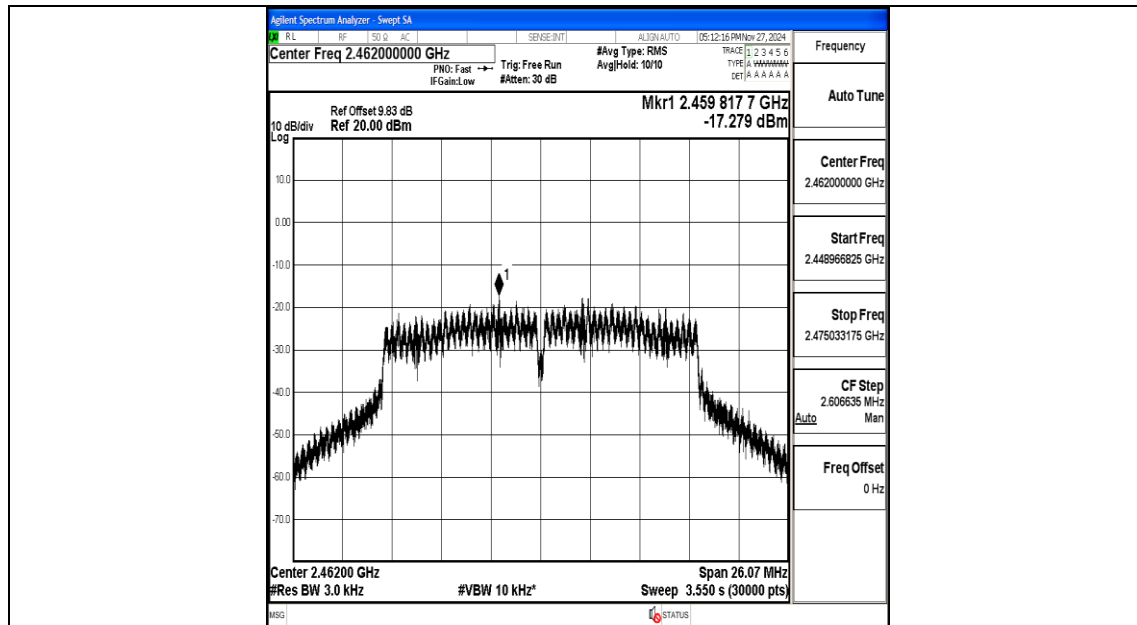
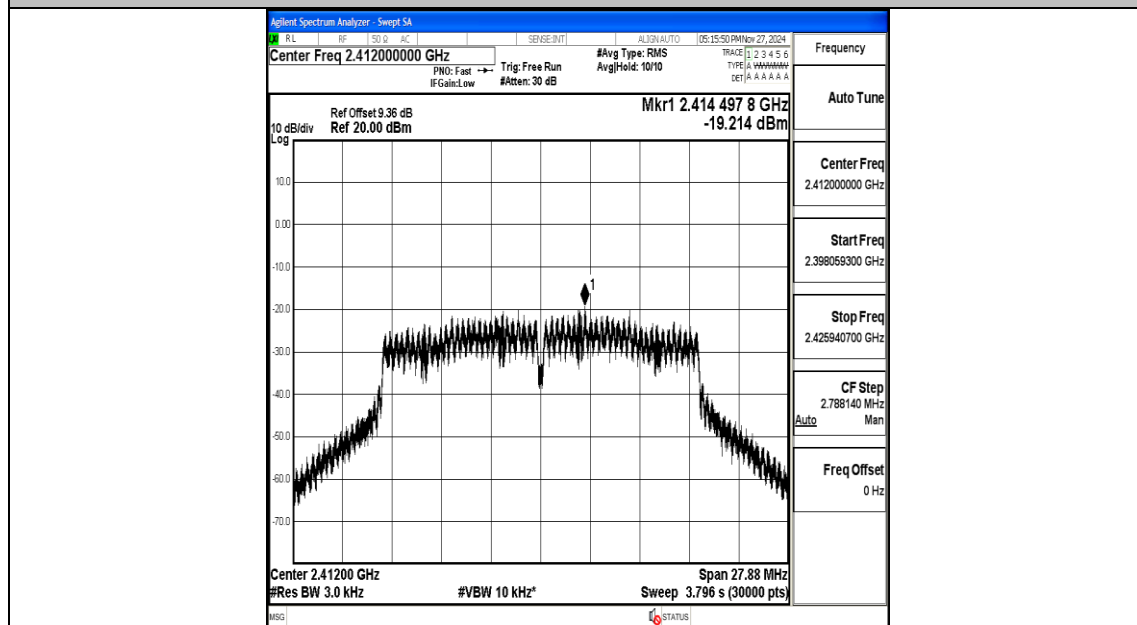
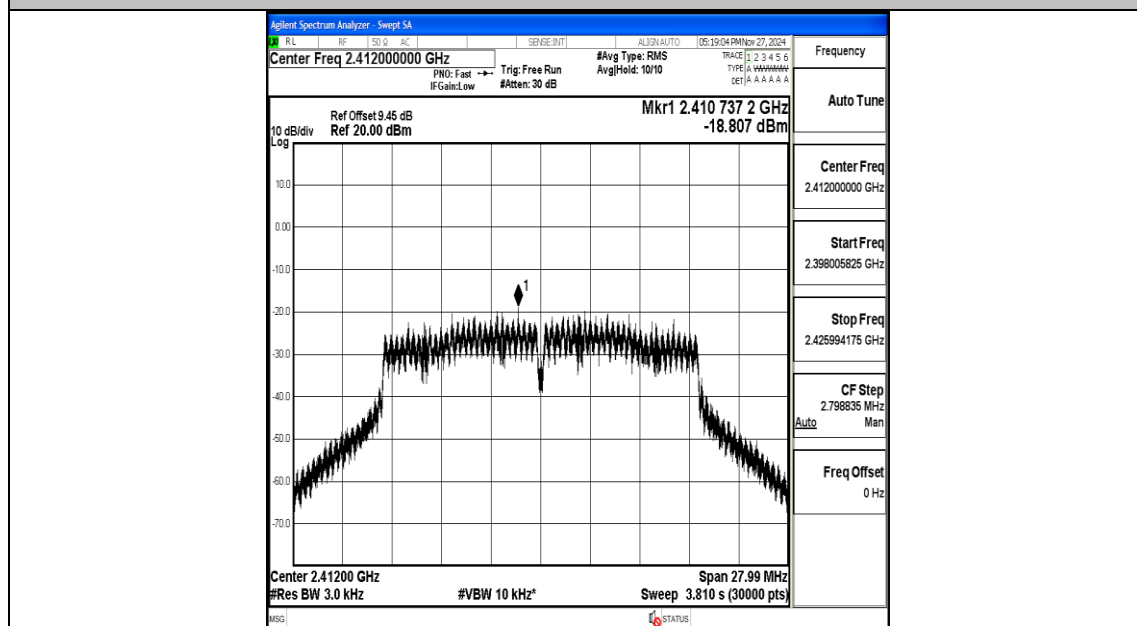




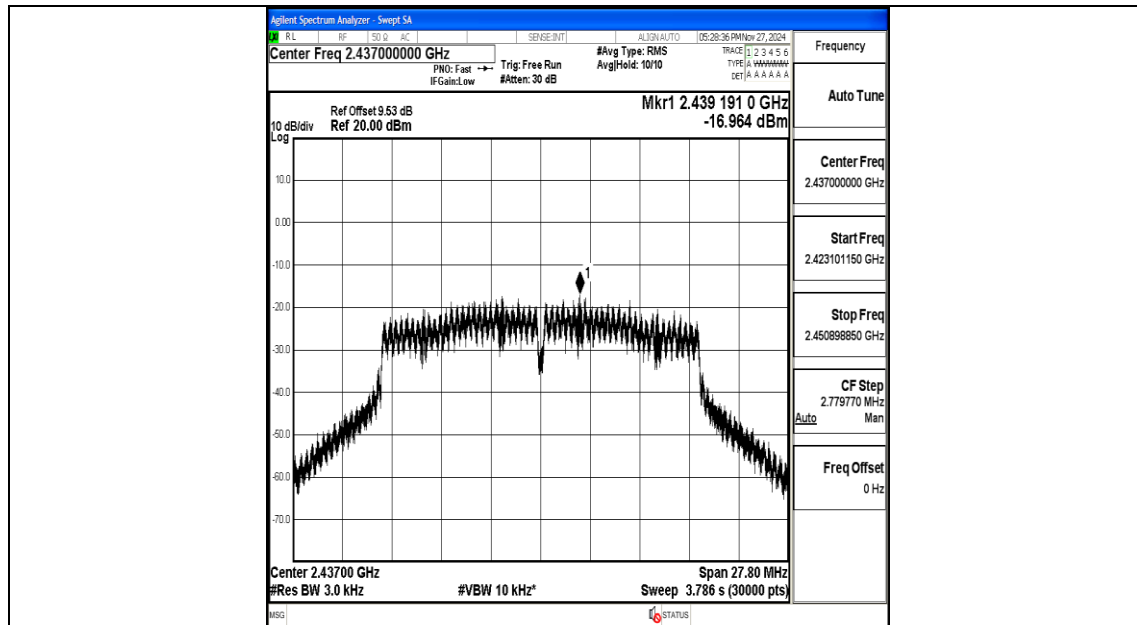
11G-Ant2-2462-PASS



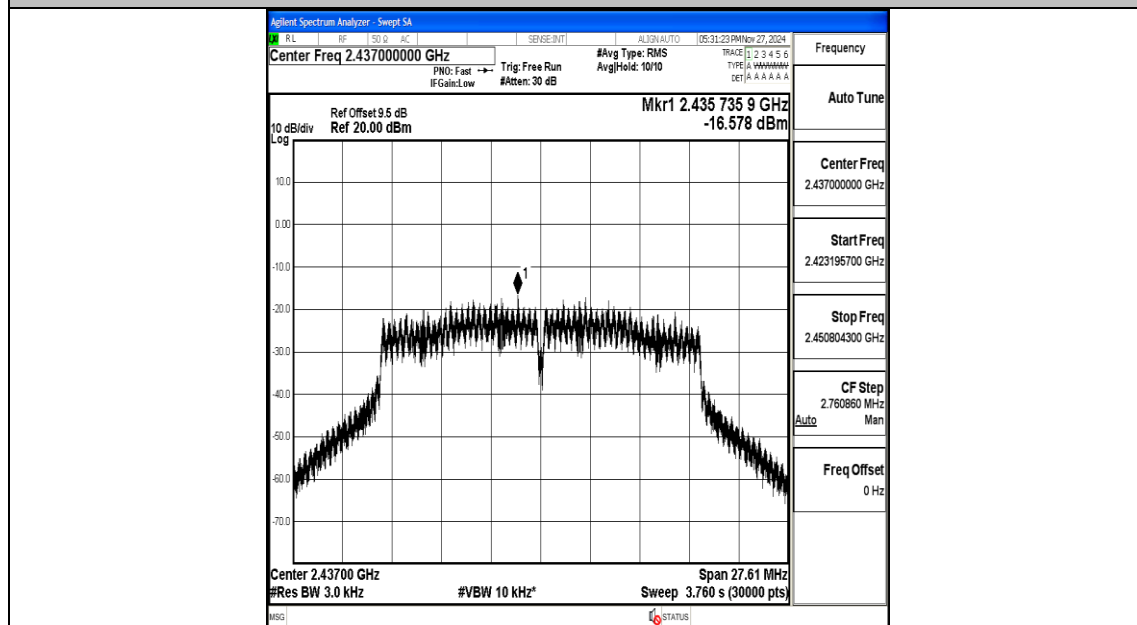
11N20MIMO-Ant1-2412-PASS



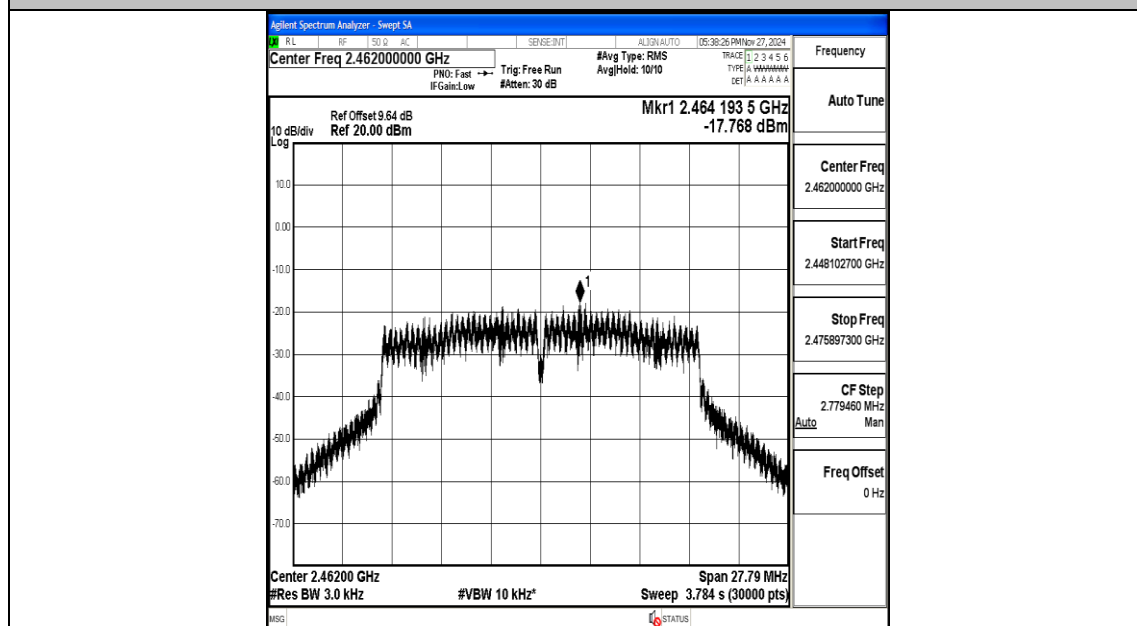
11N20MIMO-Ant2-2412-PASS



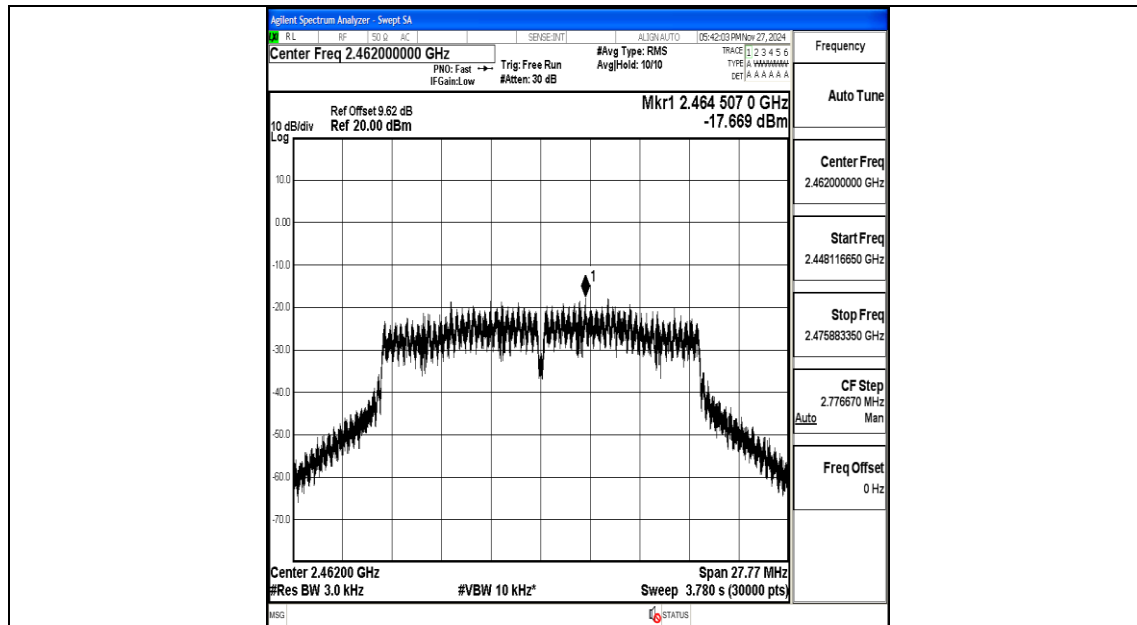
11N20MIMO-Ant1-2437-PASS



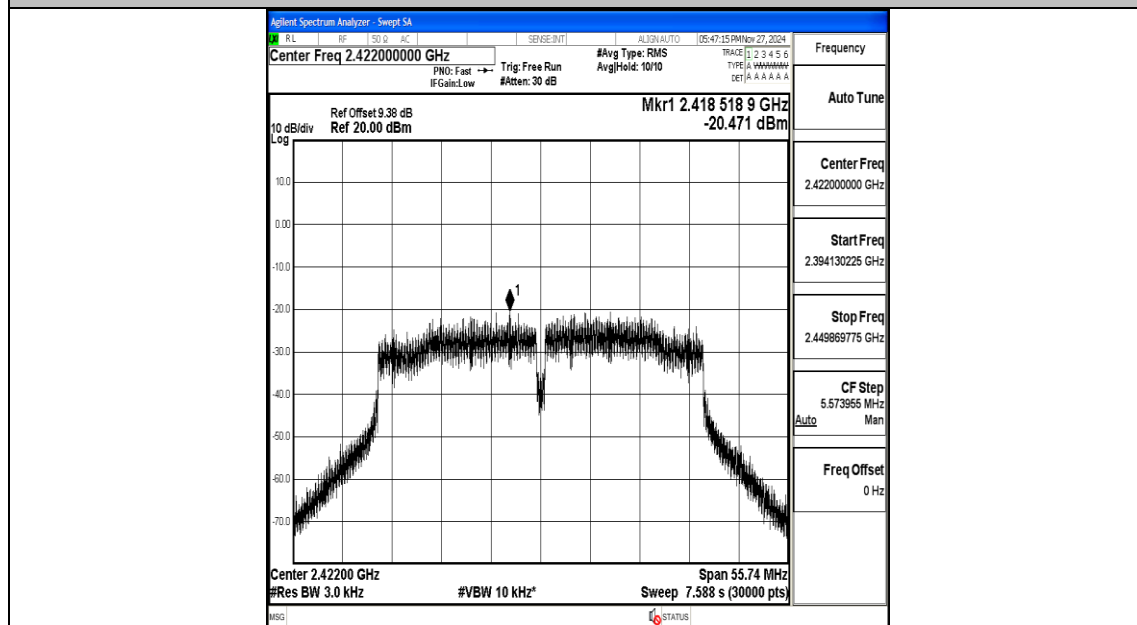
11N20MIMO-Ant2-2437-PASS



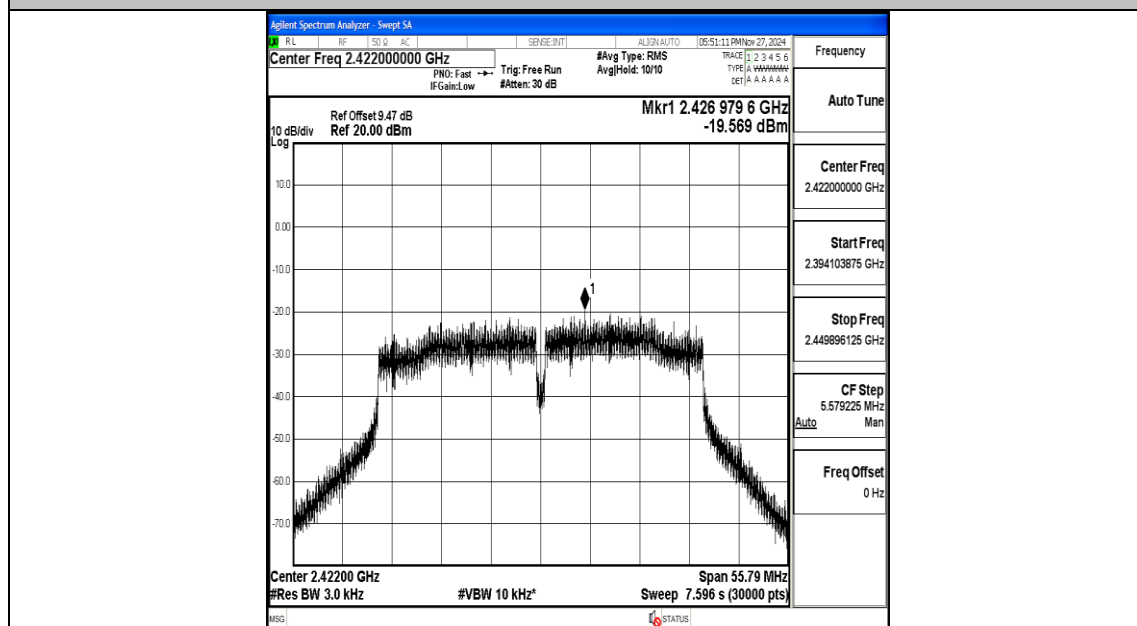
11N20MIMO-Ant1-2462-PASS



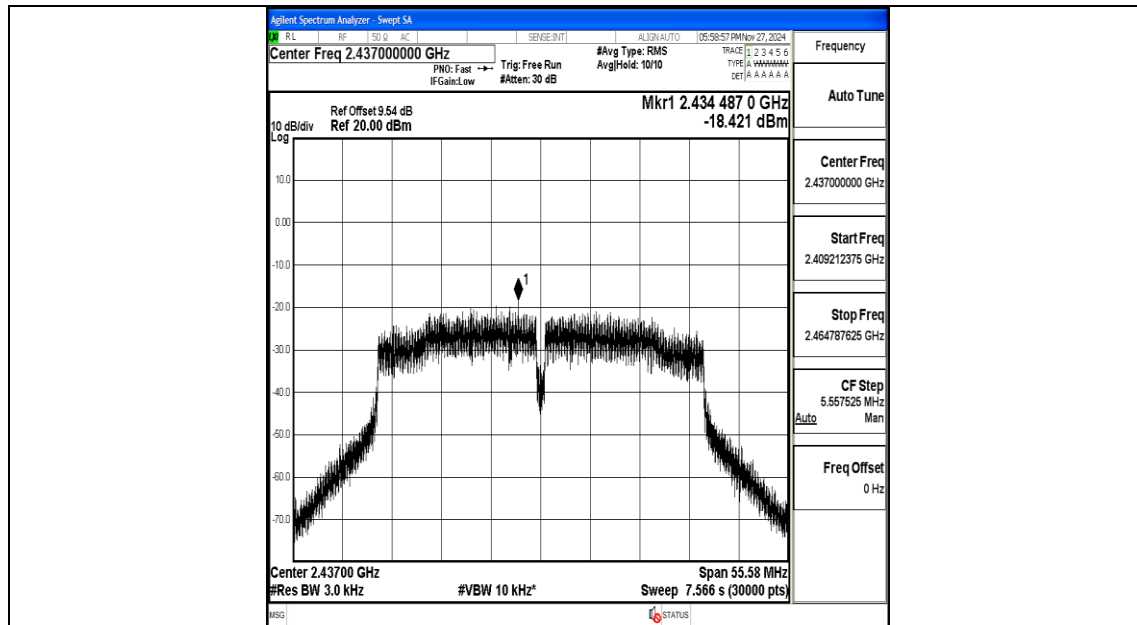
11N20MIMO-Ant2-2462-PASS



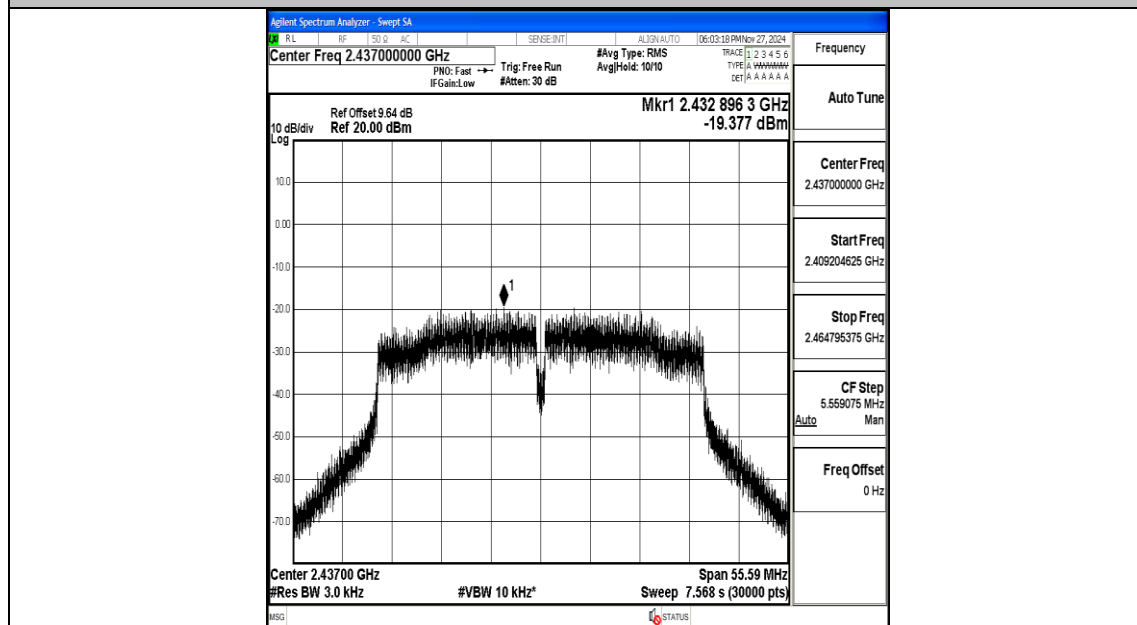
11N40MIMO-Ant1-2422-PASS



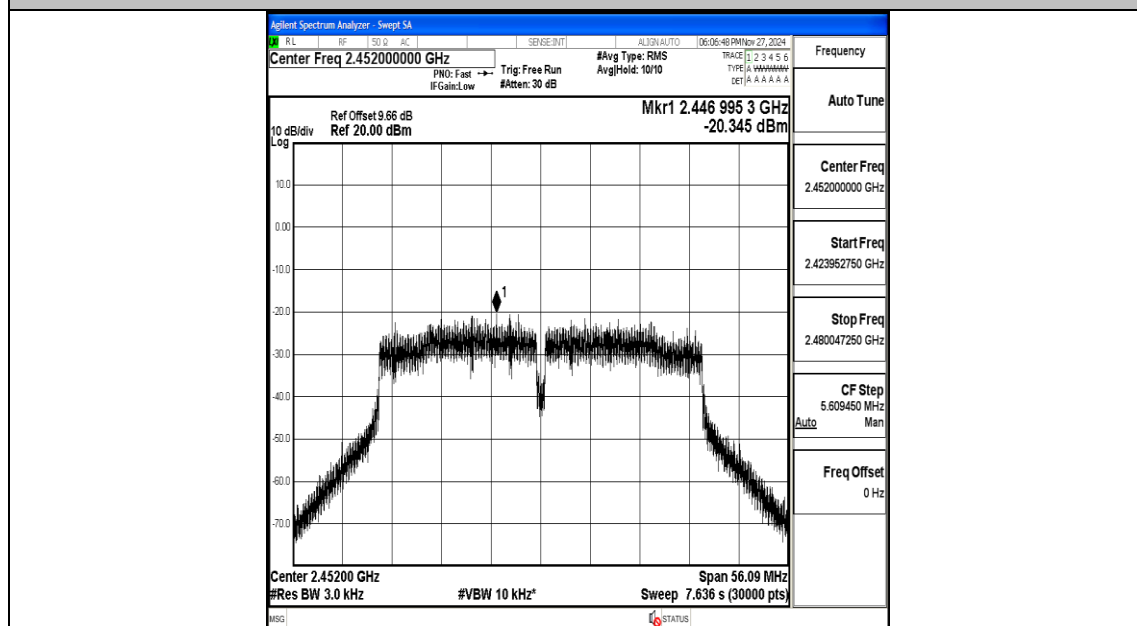
11N40MIMO-Ant2-2422-PASS



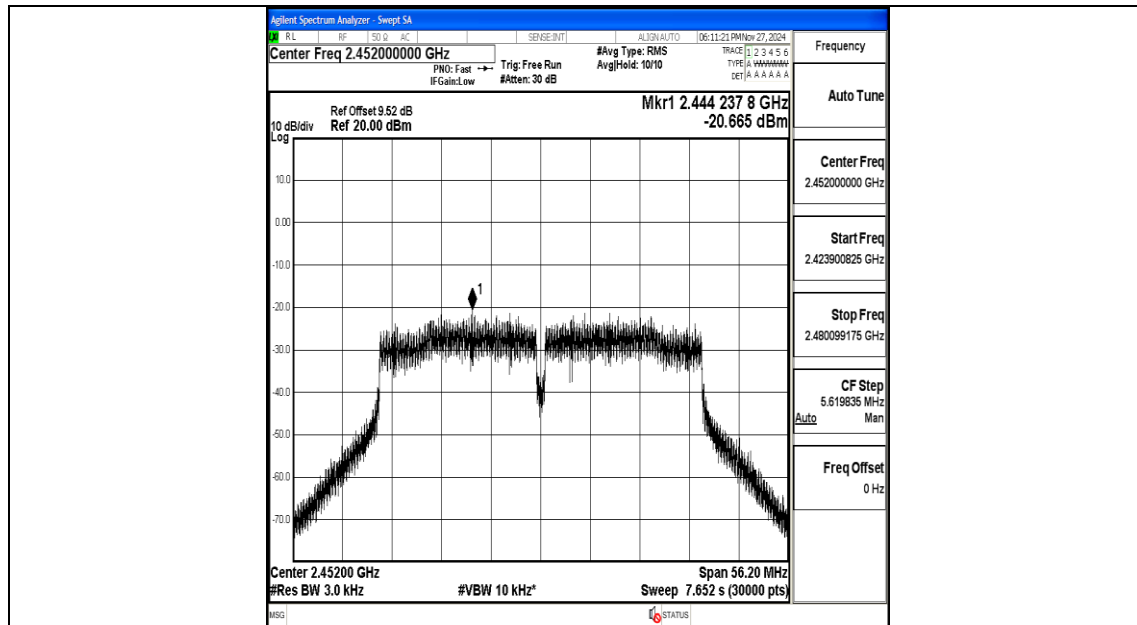
11N40MIMO-Ant1-2437-PASS



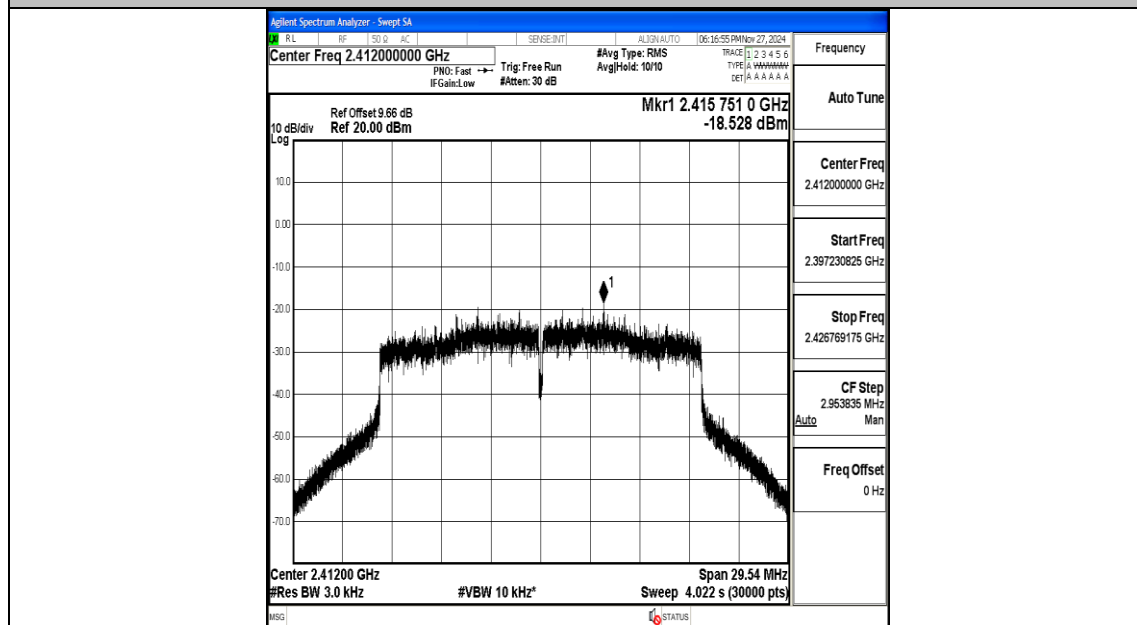
11N40MIMO-Ant2-2437-PASS



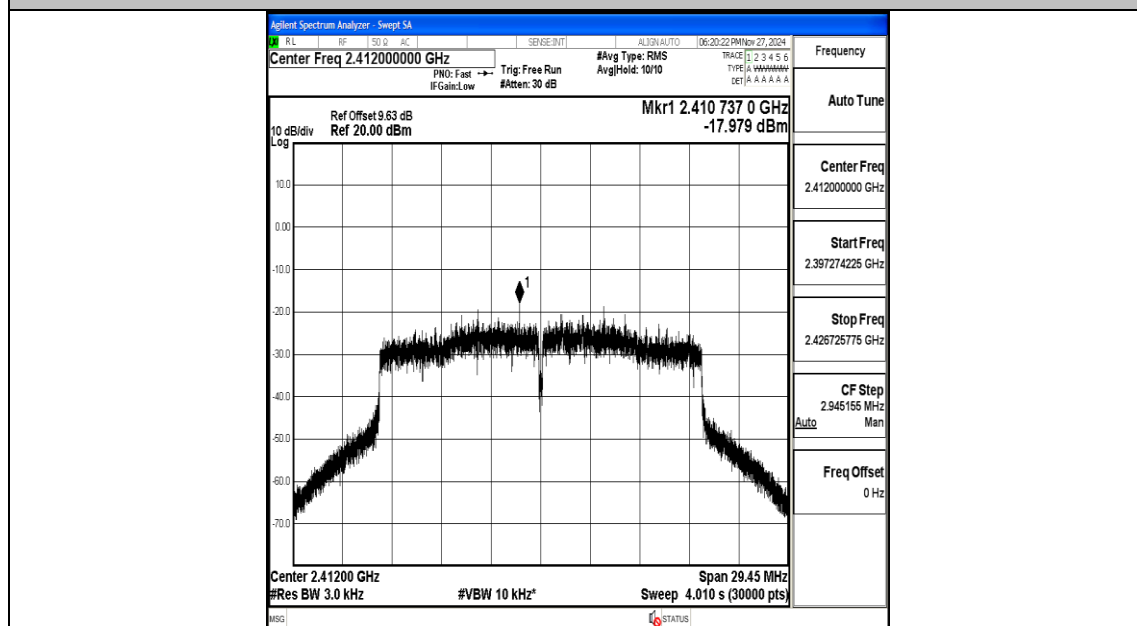
11N40MIMO-Ant1-2452-PASS



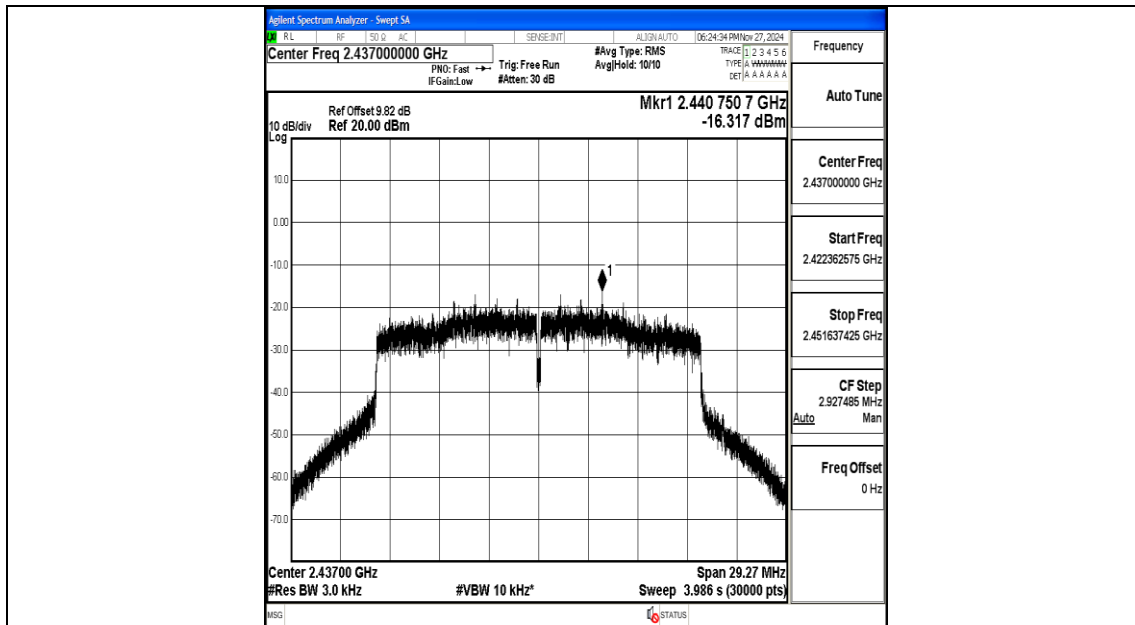
11N40MIMO-Ant2-2452-PASS



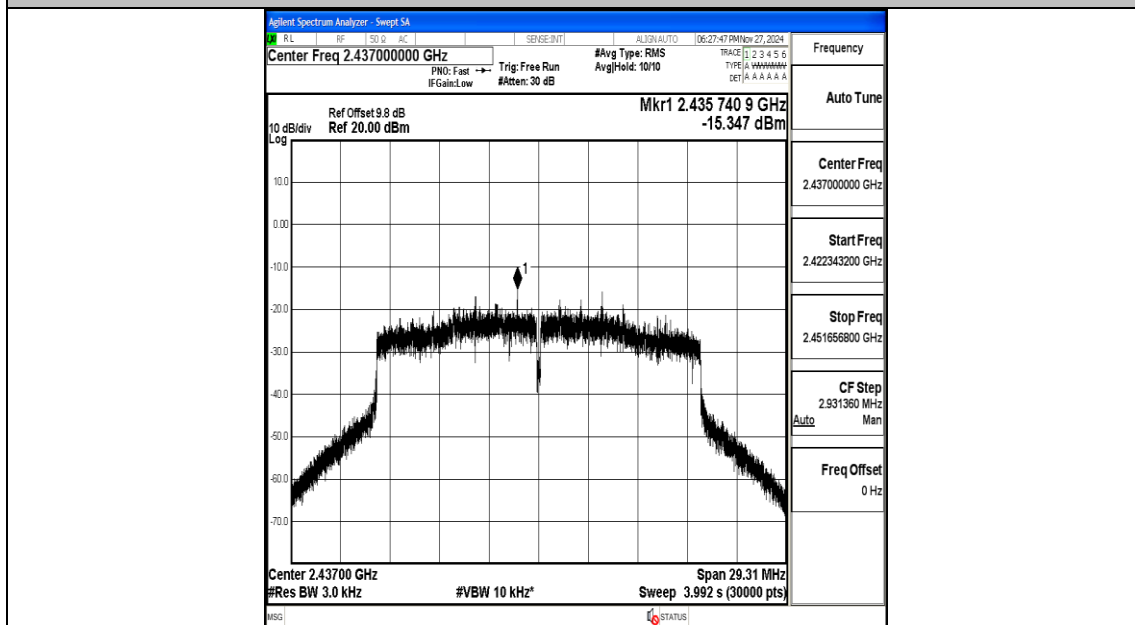
11AX20MIMO-Ant1-2412-PASS



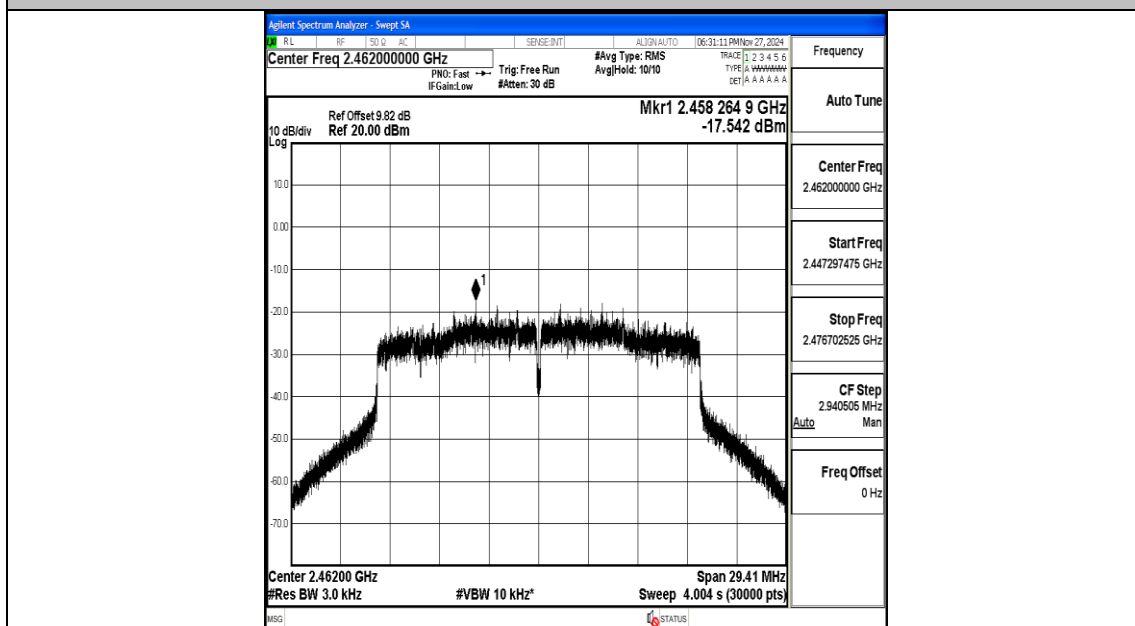
11AX20MIMO-Ant2-2412-PASS



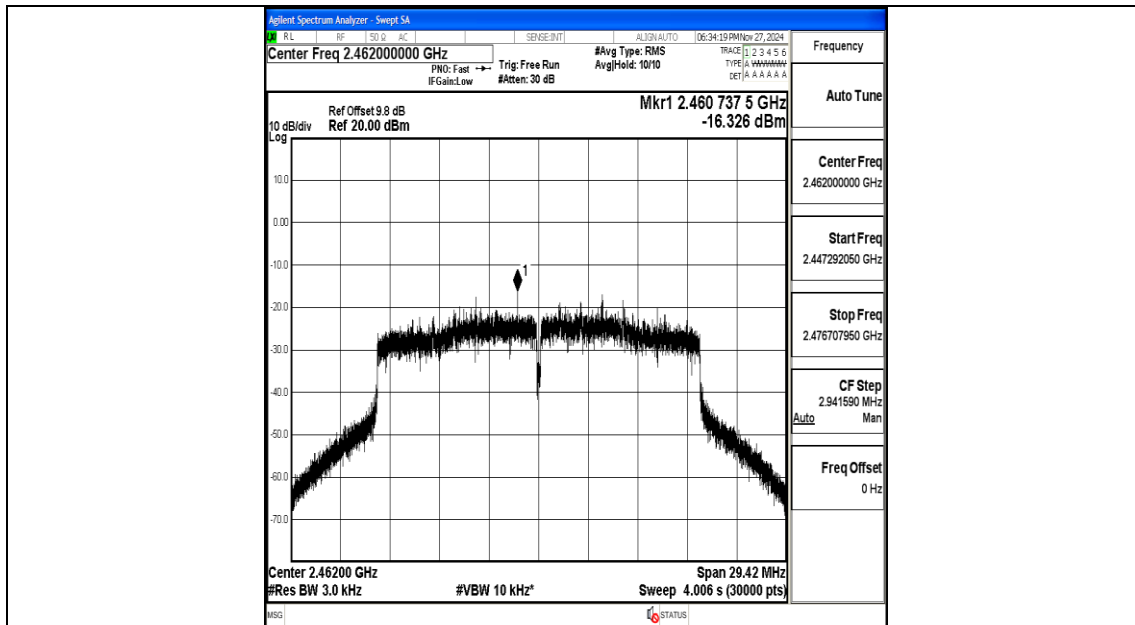
11AX20MIMO-Ant1-2437-PASS



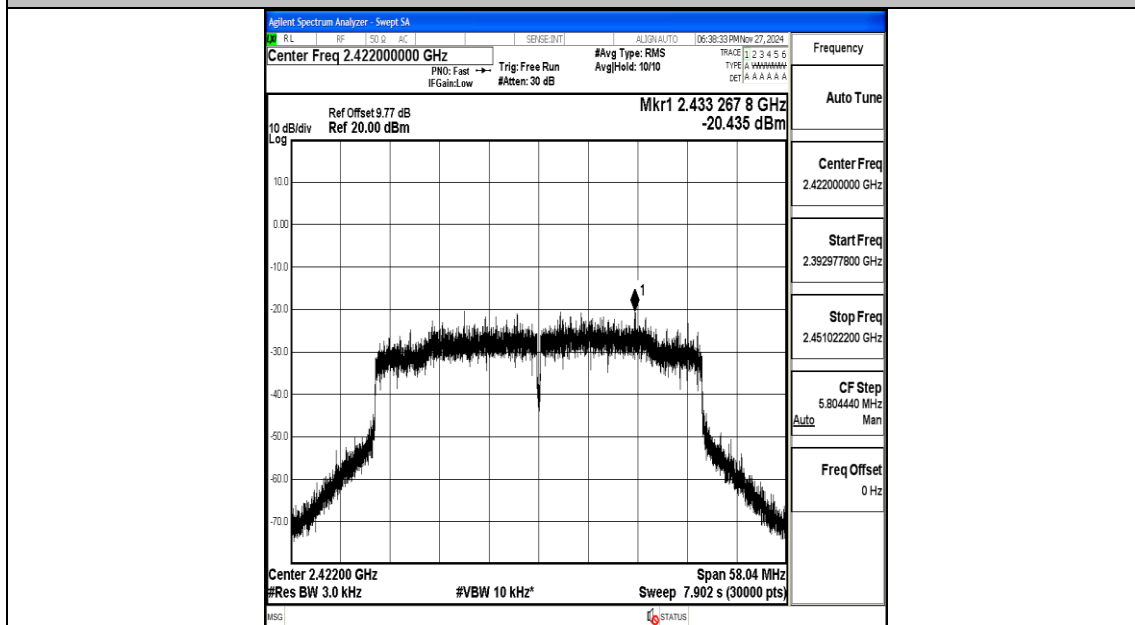
11AX20MIMO-Ant2-2437-PASS



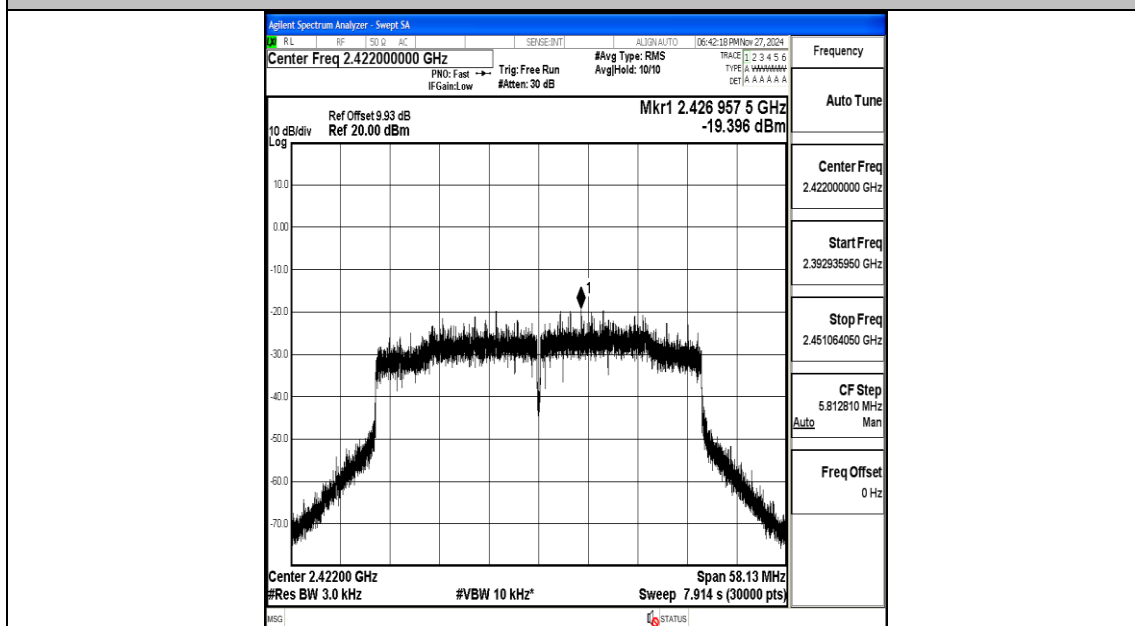
11AX20MIMO-Ant1-2462-PASS



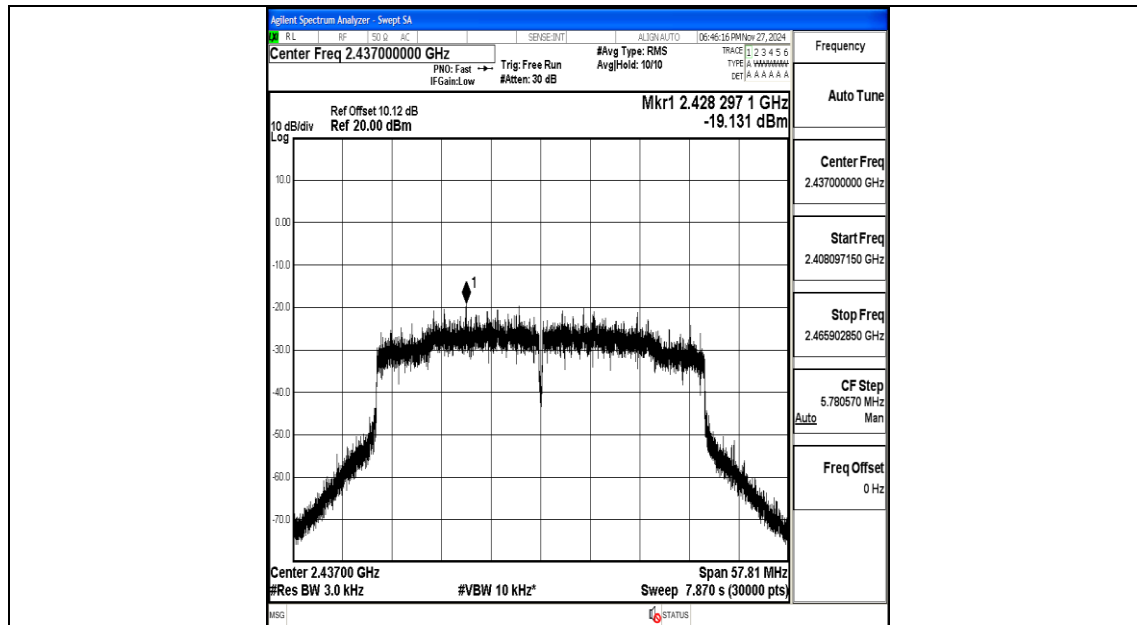
11AX20MIMO-Ant2-2462-PASS



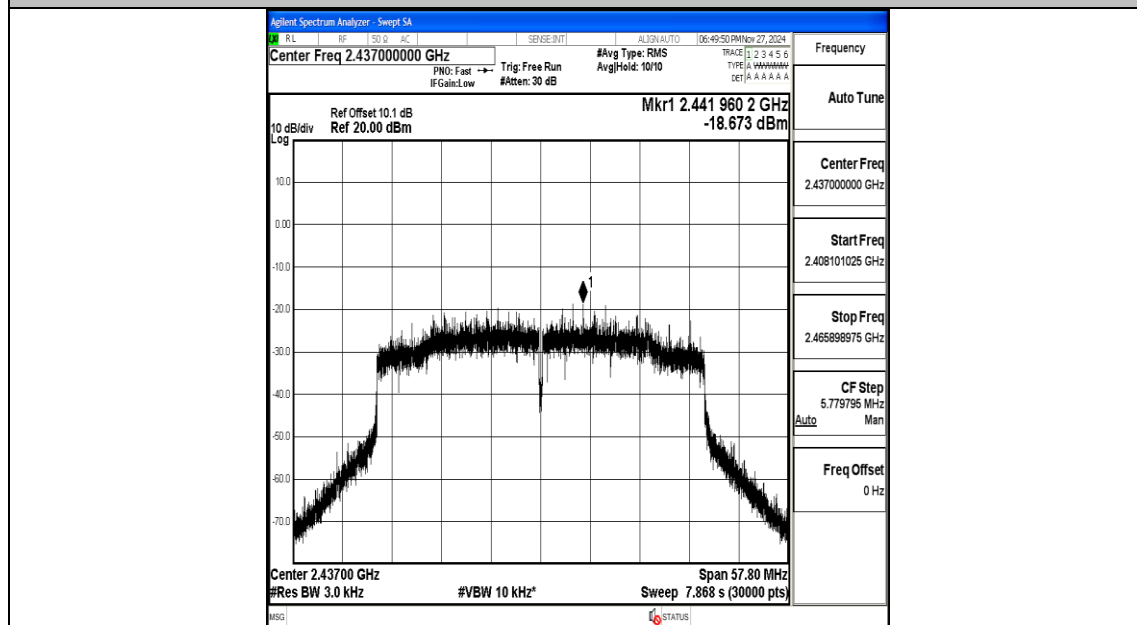
11AX40MIMO-Ant1-2422-PASS



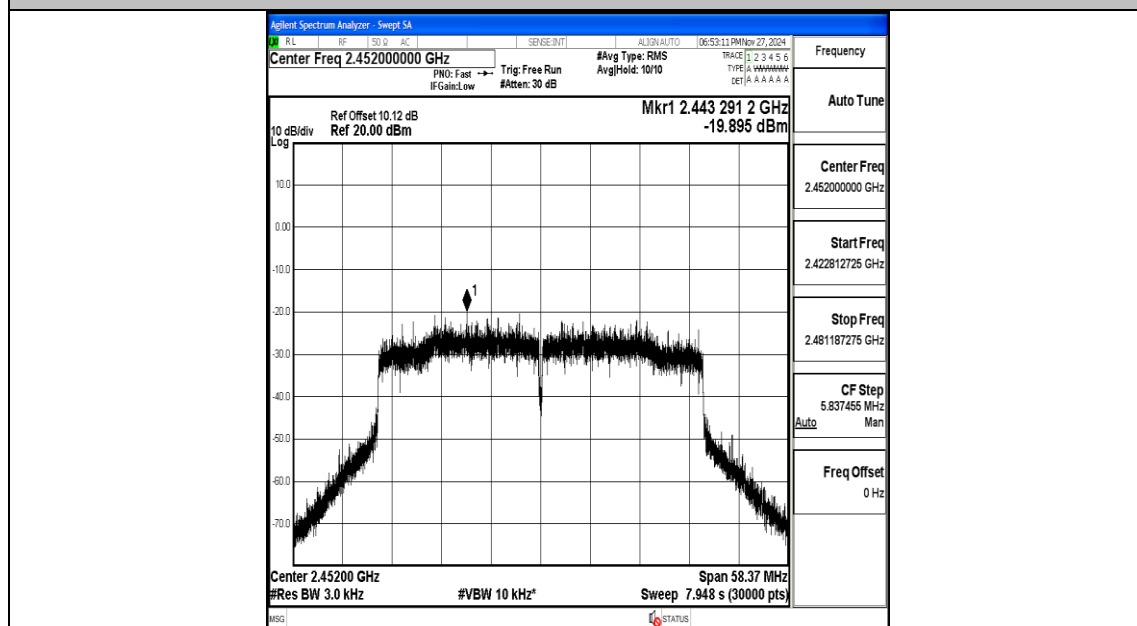
11AX40MIMO-Ant2-2422-PASS



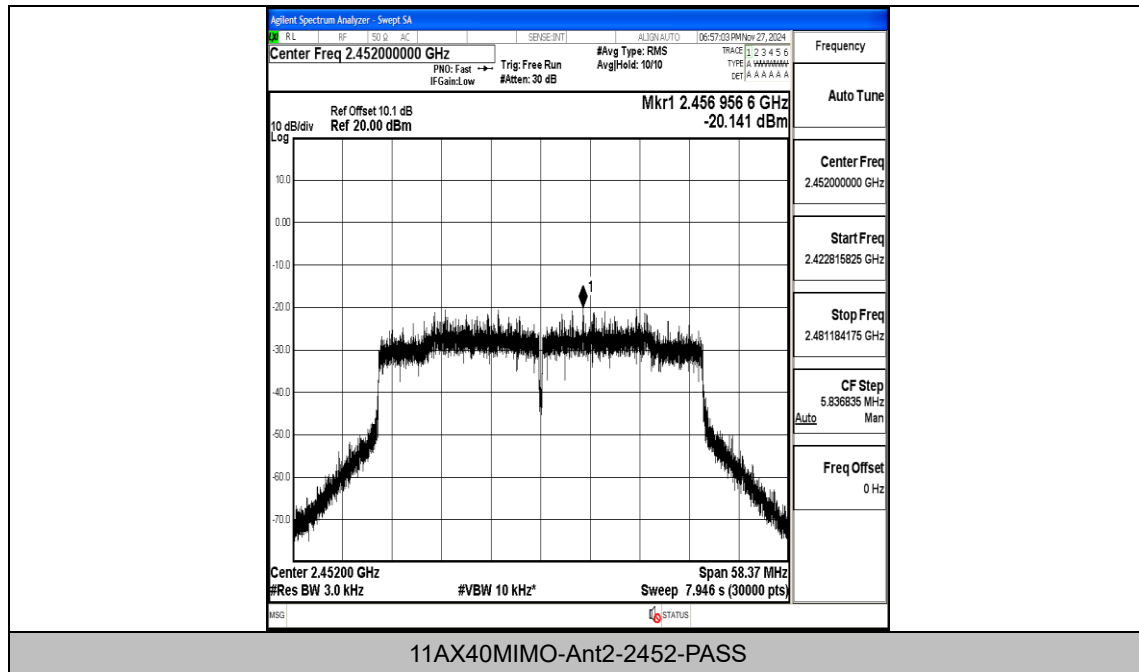
11AX40MIMO-Ant1-2437-PASS



11AX40MIMO-Ant2-2437-PASS



11AX40MIMO-Ant1-2452-PASS

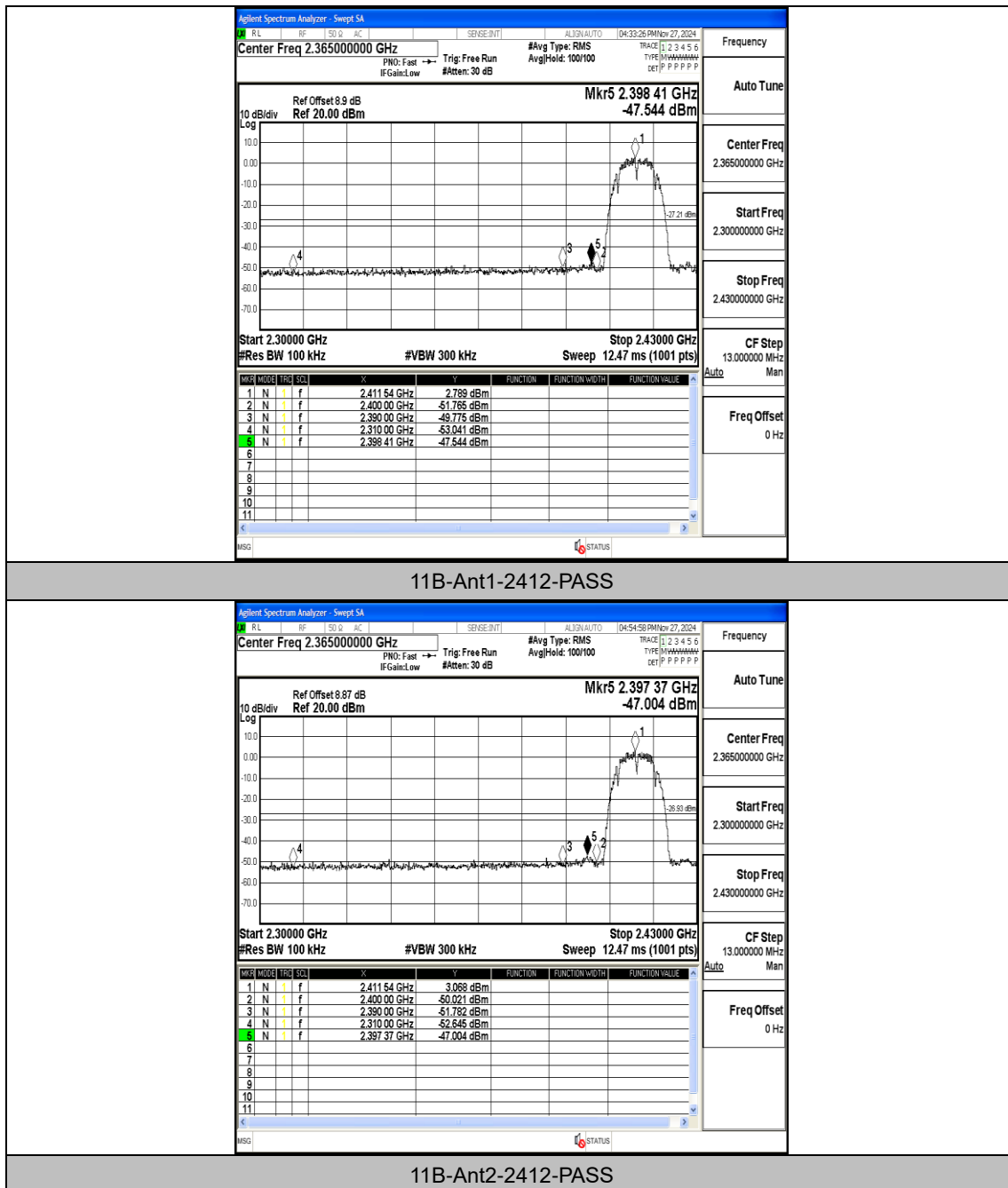


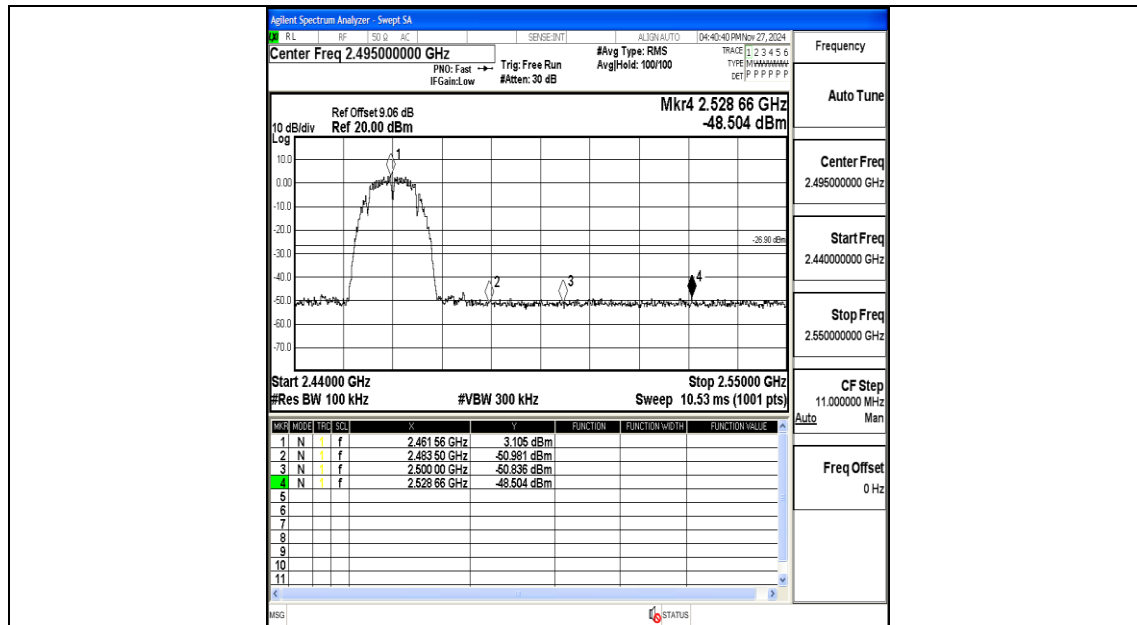
Appendix E: Band edge measurements

Test Result

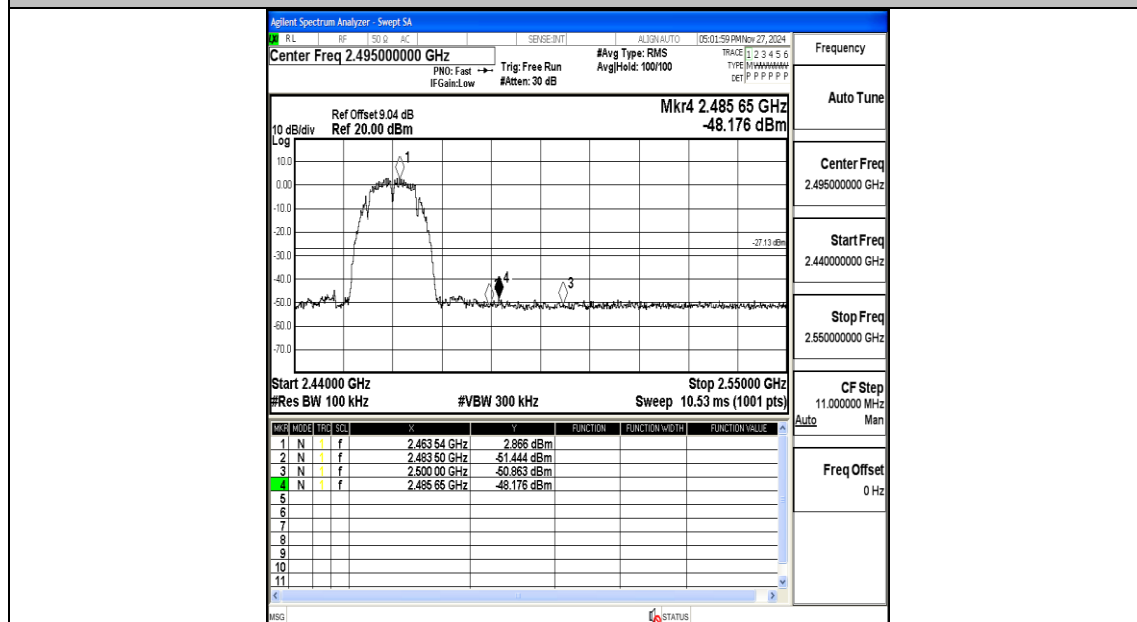
Test Mode	Antenna	Ch. Name	Frequency. [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	2.79	-47.54	≤-27.21	PASS
11B	Ant2	Low	2412	3.07	-47	≤-26.93	PASS
11B	Ant1	High	2462	3.11	-48.5	≤-26.9	PASS
11B	Ant2	High	2462	2.87	-48.18	≤-27.13	PASS
11G	Ant1	Low	2412	1.27	-30.66	≤-28.73	PASS
11G	Ant2	Low	2412	0.94	-29.67	≤-29.06	PASS
11G	Ant1	High	2462	2.75	-48.4	≤-27.25	PASS
11G	Ant2	High	2462	2.59	-48.01	≤-27.41	PASS
11N20MI MO	Ant1	Low	2412	0.96	-30.53	≤-29.04	PASS
11N20MI MO	Ant2	Low	2412	0.87	-29.84	≤-29.13	PASS
11N20MI MO	Ant1	High	2462	2.70	-48.98	≤-27.3	PASS
11N20MI MO	Ant2	High	2462	2.48	-48.6	≤-27.52	PASS
11N40MI MO	Ant2	Low	2422	0.18	-30.74	≤-29.82	PASS
11N40MI MO	Ant1	Low	2422	0.38	-29.77	≤-29.62	PASS
11N40MI MO	Ant1	High	2452	-0.27	-47.03	≤-30.27	PASS
11N40MI MO	Ant2	High	2452	-0.56	-48.85	≤-30.56	PASS
11AX20 MIMO	Ant1	Low	2412	0.73	-29.79	≤-29.27	PASS
11AX20 MIMO	Ant2	Low	2412	0.59	-30.76	≤-29.41	PASS
11AX20 MIMO	Ant1	High	2462	2.19	-47.7	≤-27.81	PASS
11AX20 MIMO	Ant2	High	2462	2.23	-48	≤-27.77	PASS
11AX40 MIMO	Ant1	Low	2422	-0.19	-31.12	≤-30.19	PASS
11AX40 MIMO	Ant2	Low	2422	-0.17	-32.39	≤-30.17	PASS
11AX40 MIMO	Ant1	High	2452	-0.43	-45.67	≤-30.43	PASS
11AX40 MIMO	Ant2	High	2452	-0.67	-47.31	≤-30.67	PASS

Test Graphs

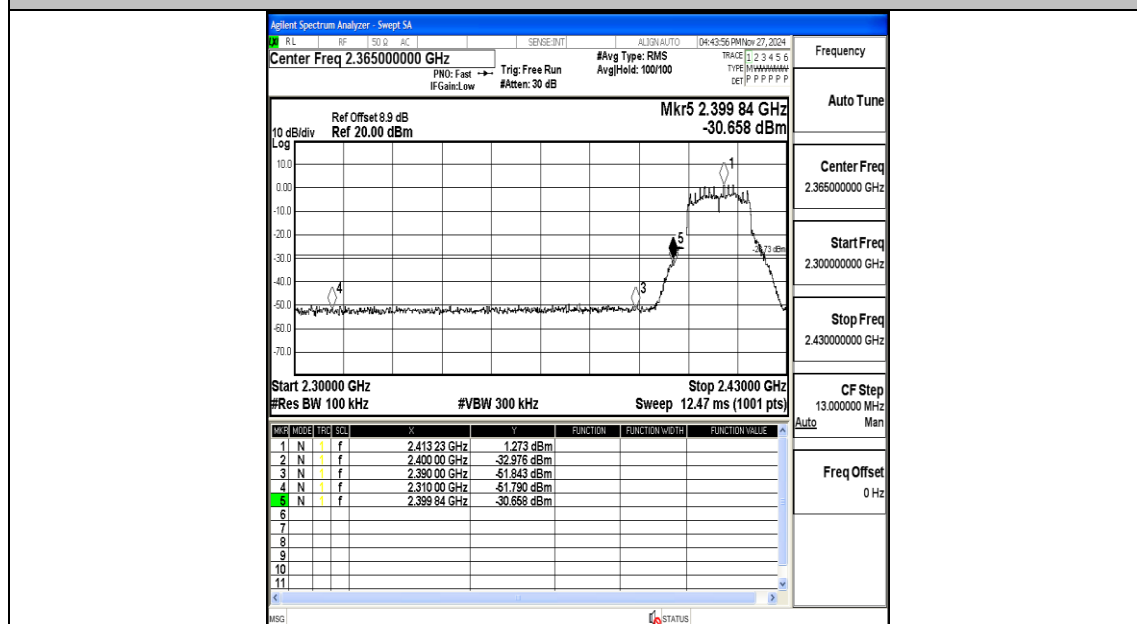




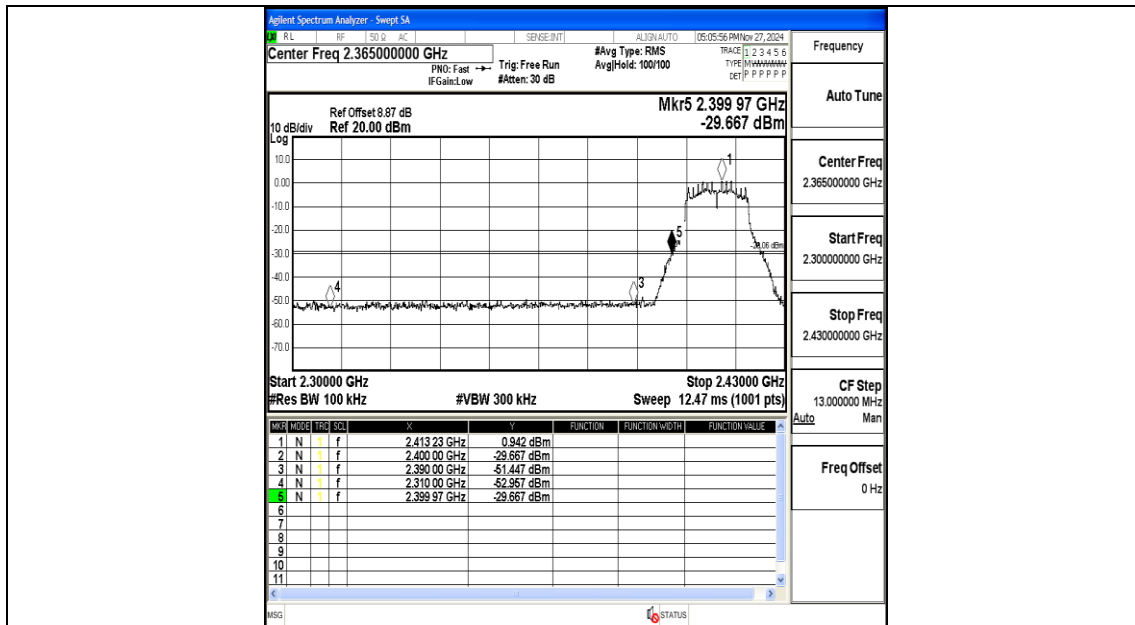
11B-Ant1-2462-PASS



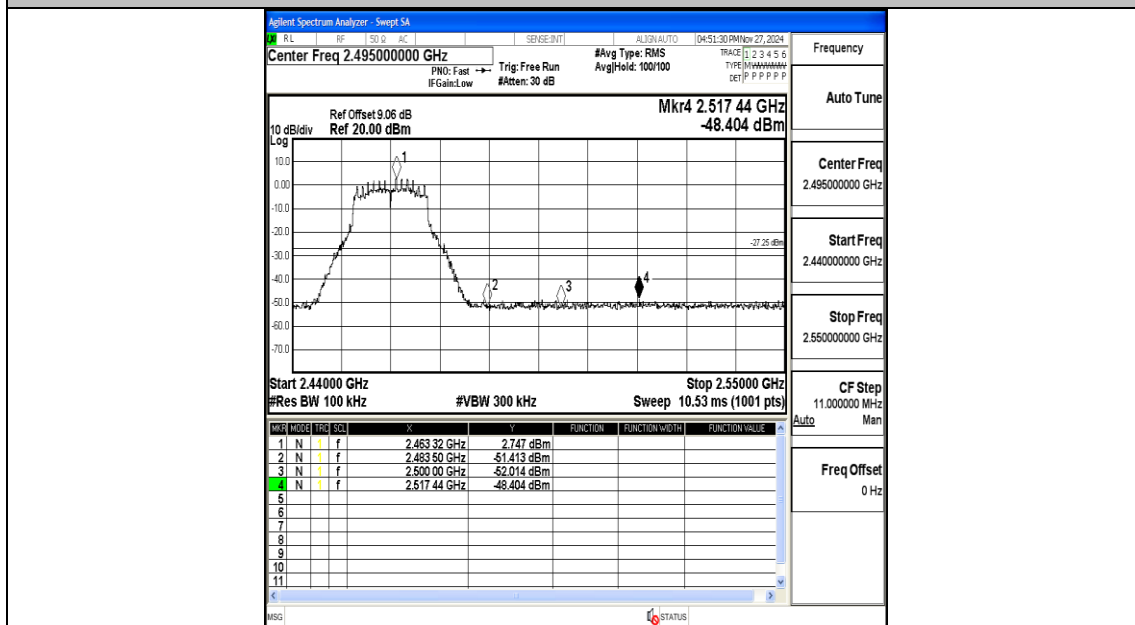
11B-Ant2-2462-PASS



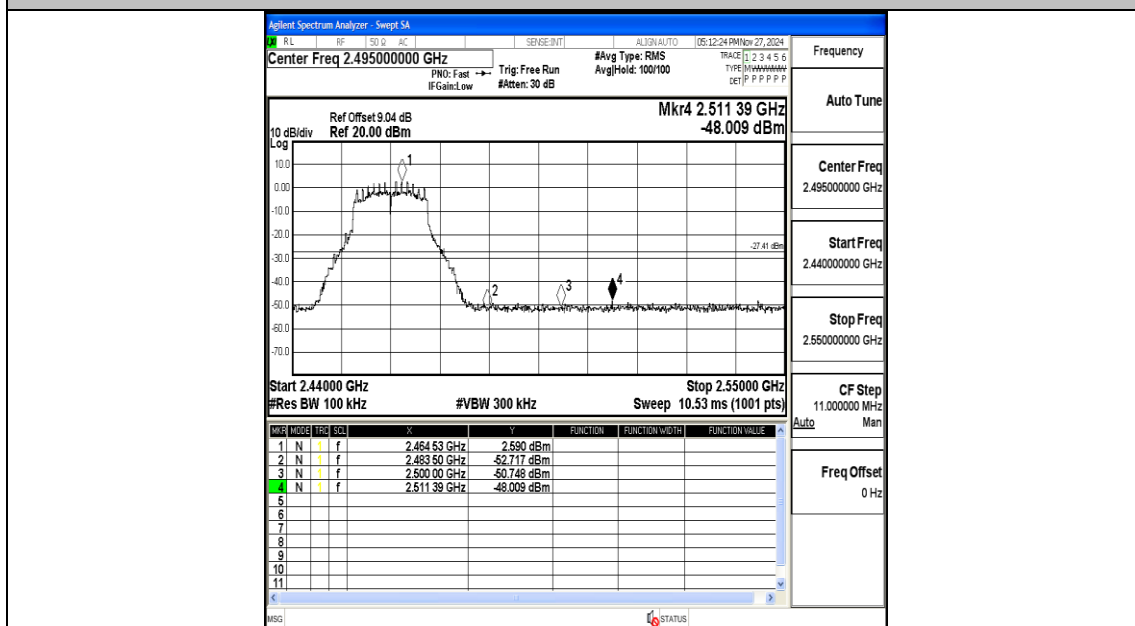
11G-Ant1-2412-PASS



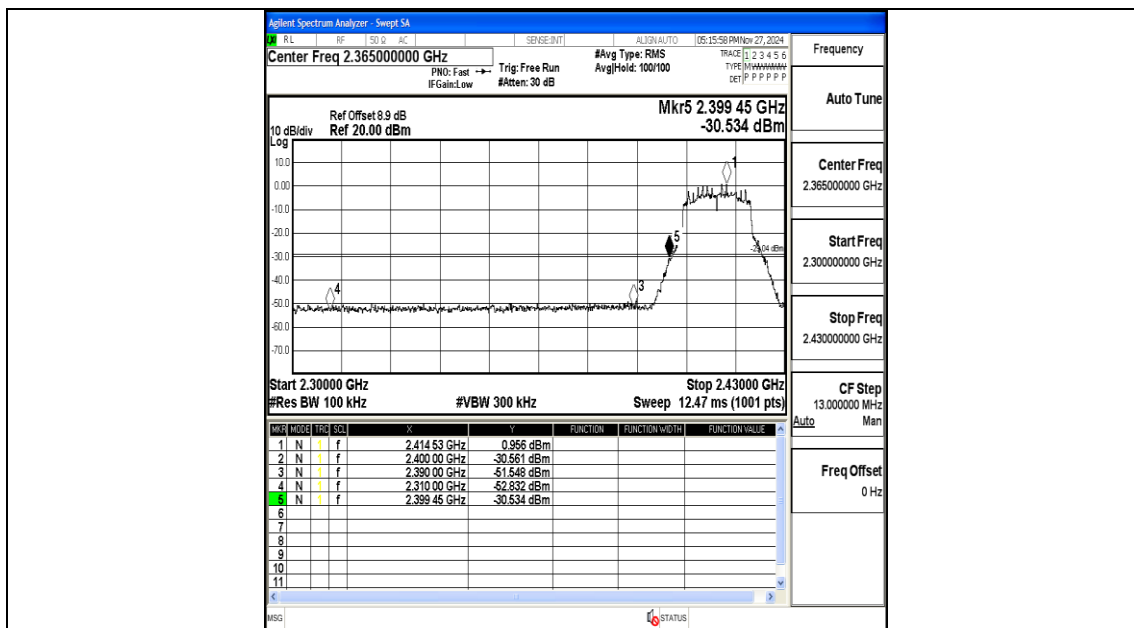
11G-Ant2-2412-PASS



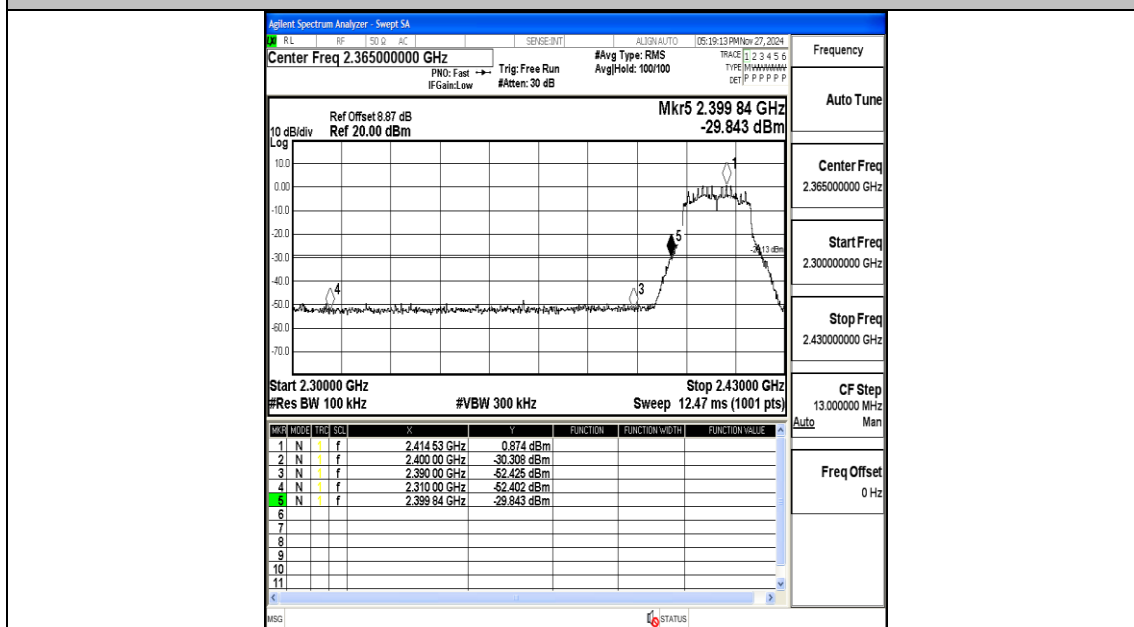
11G-Ant1-2462-PASS



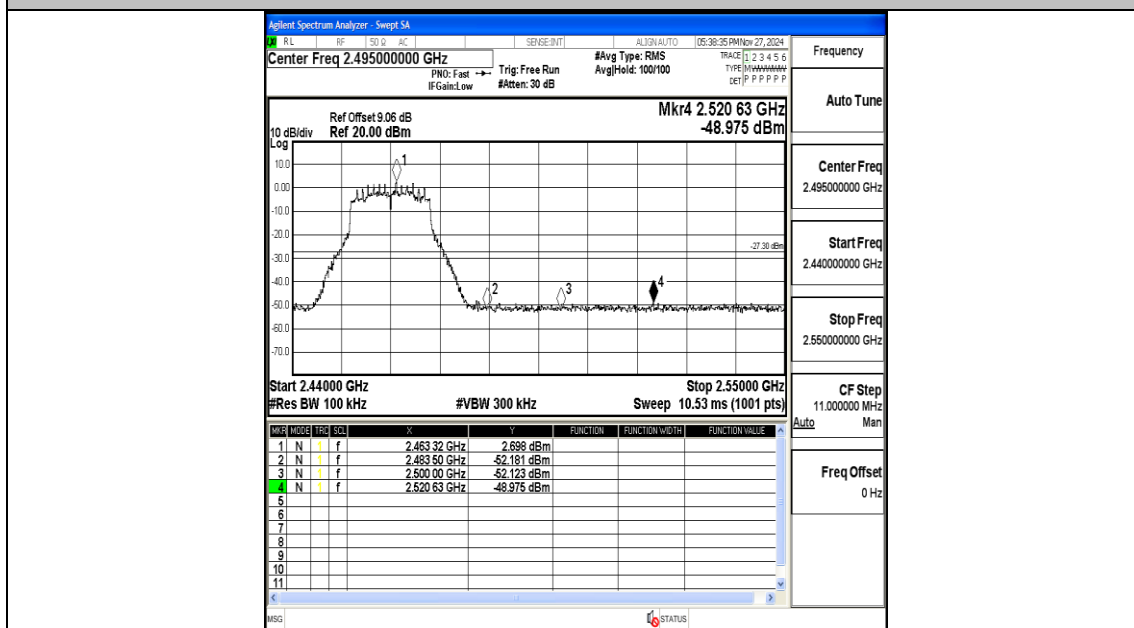
11G-Ant2-2462-PASS



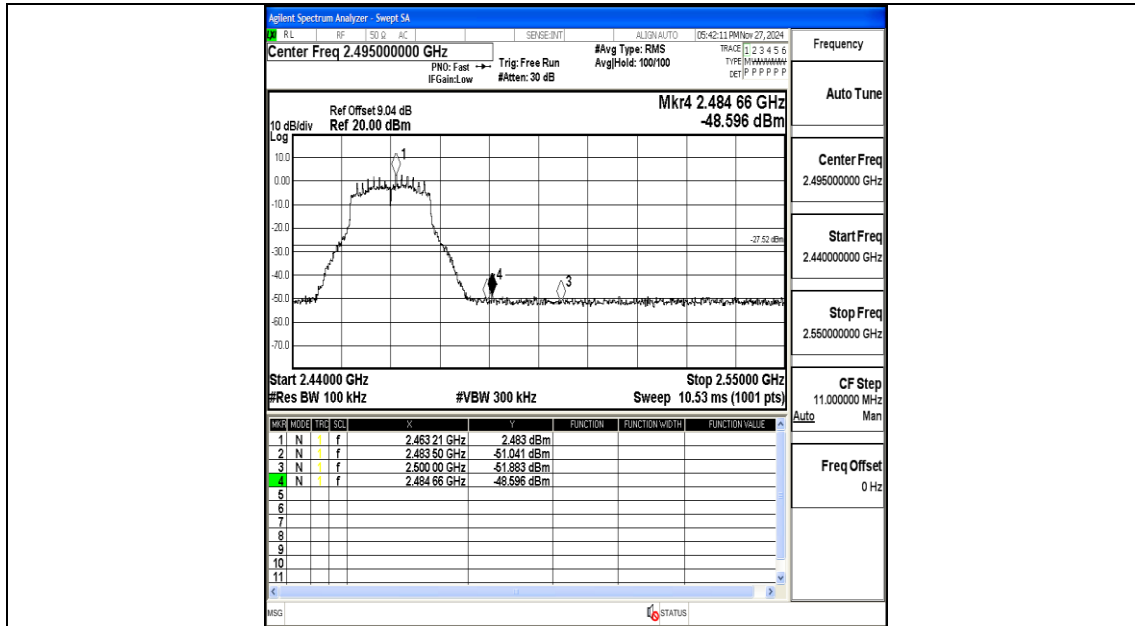
11N20MIMO-Ant1-2412-PASS



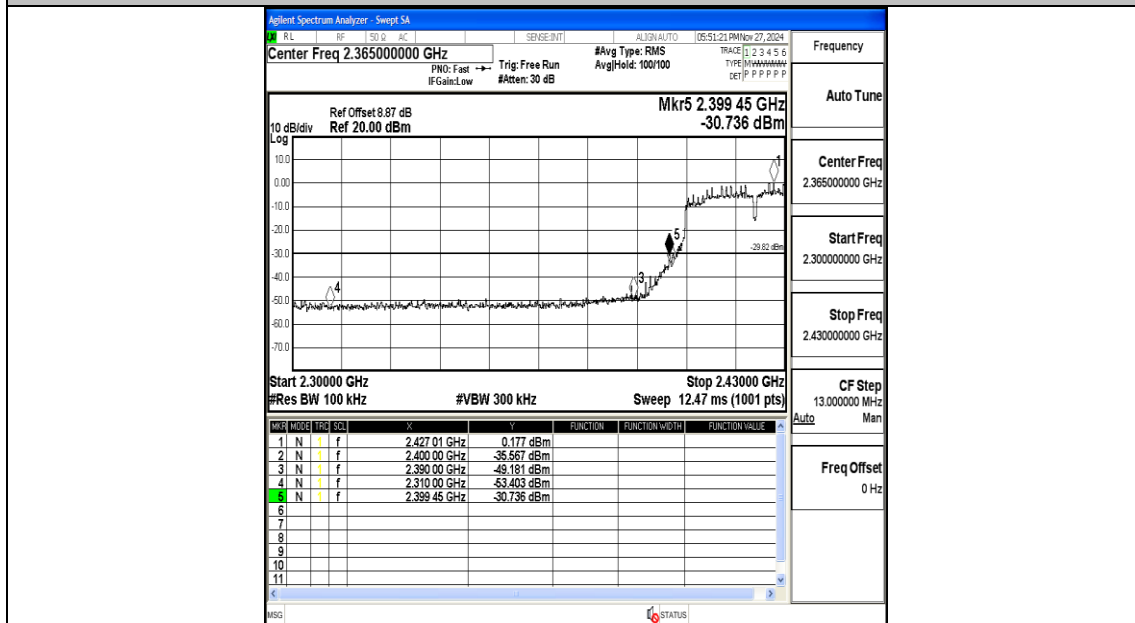
11N20MIMO-Ant2-2412-PASS



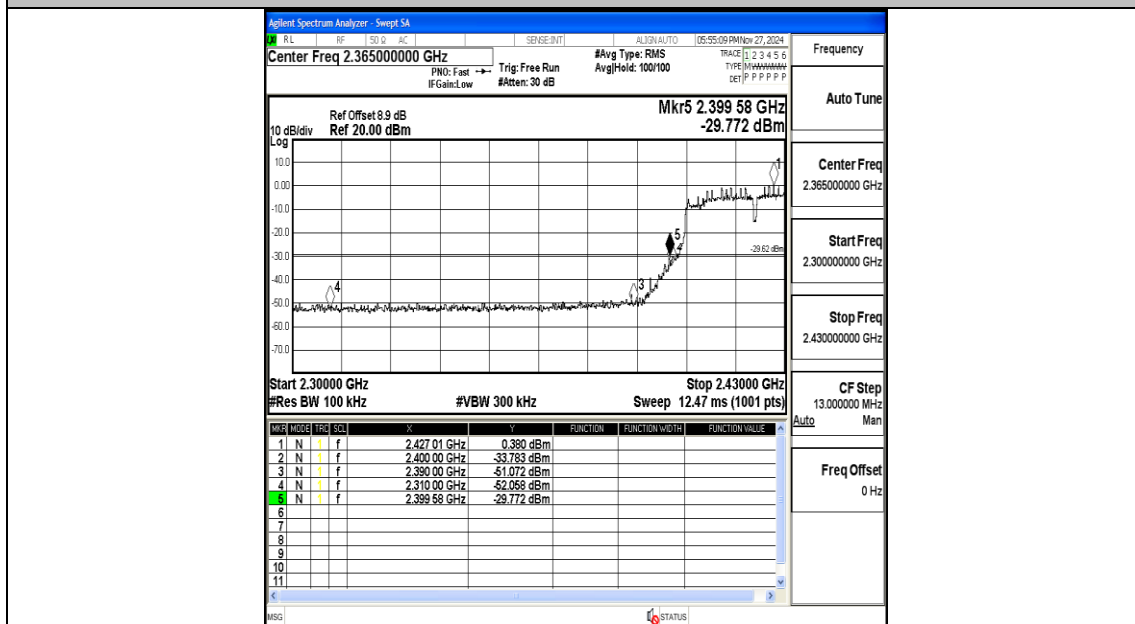
11N20MIMO-Ant1-2462-PASS



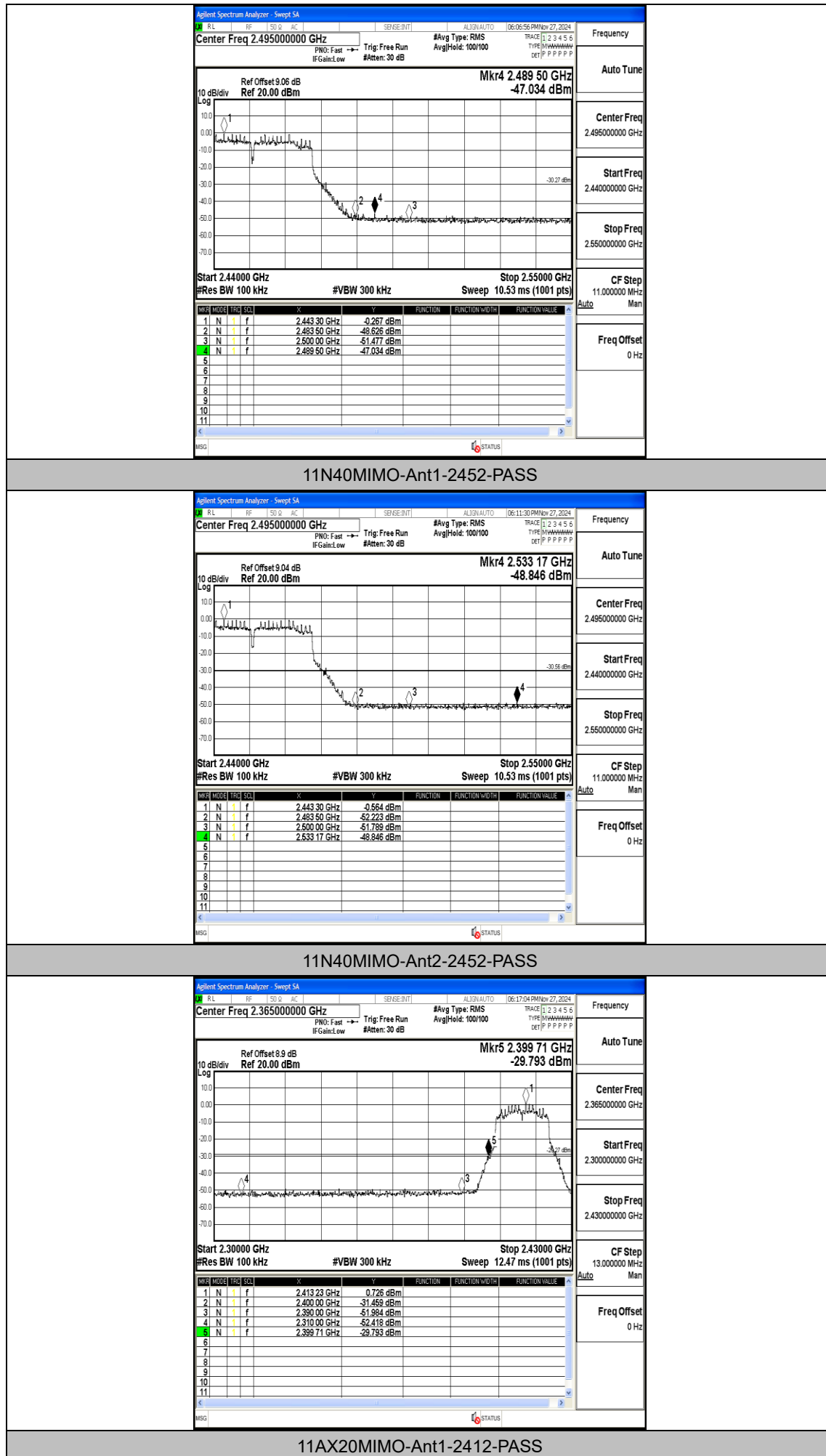
11N20MIMO-Ant2-2462-PASS

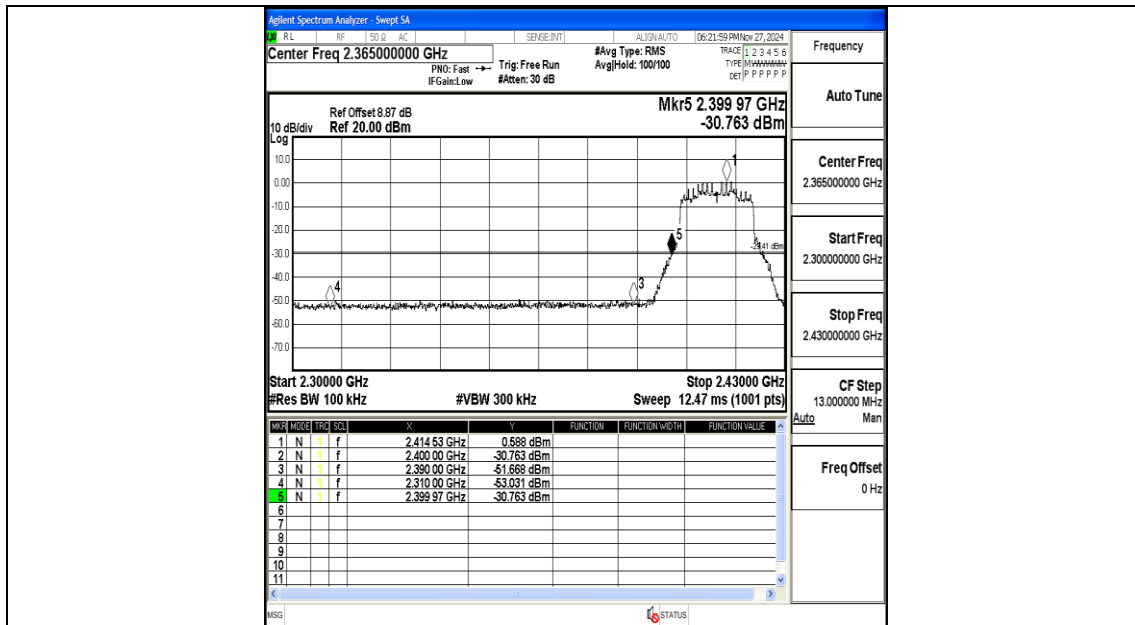


11N40MIMO-Ant2-2422-PASS

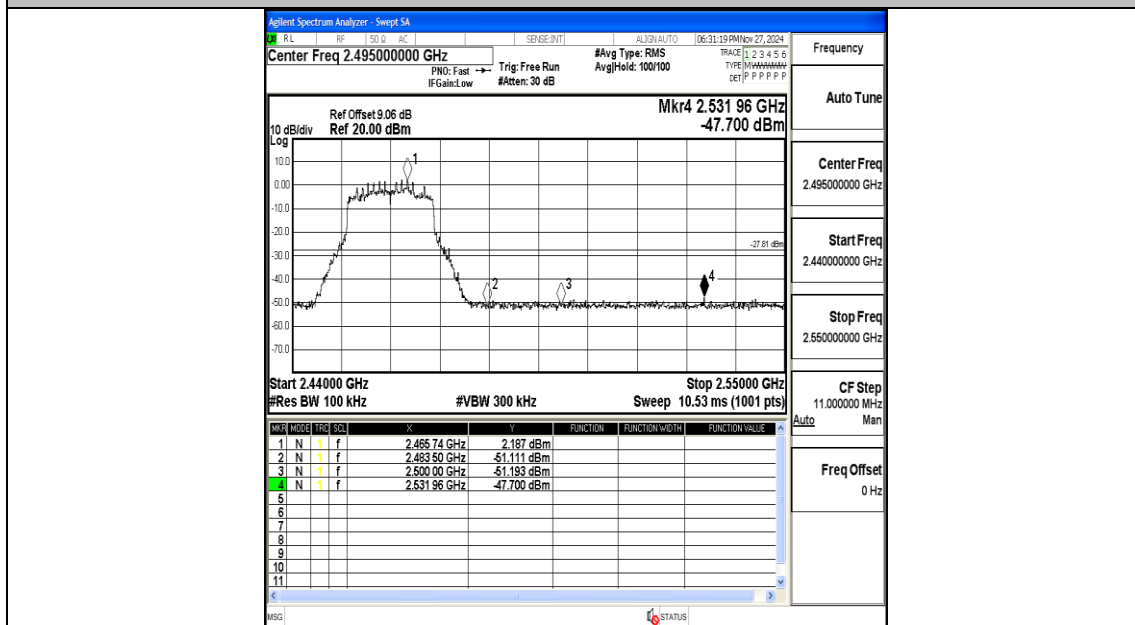


11N40MIMO-Ant1-2422-PASS

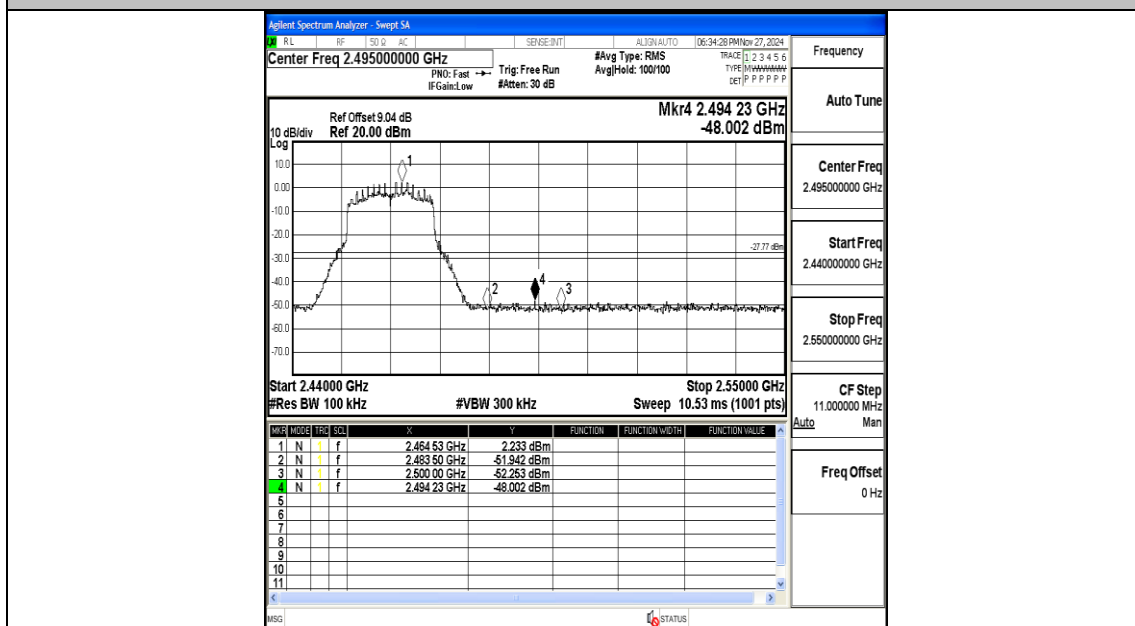




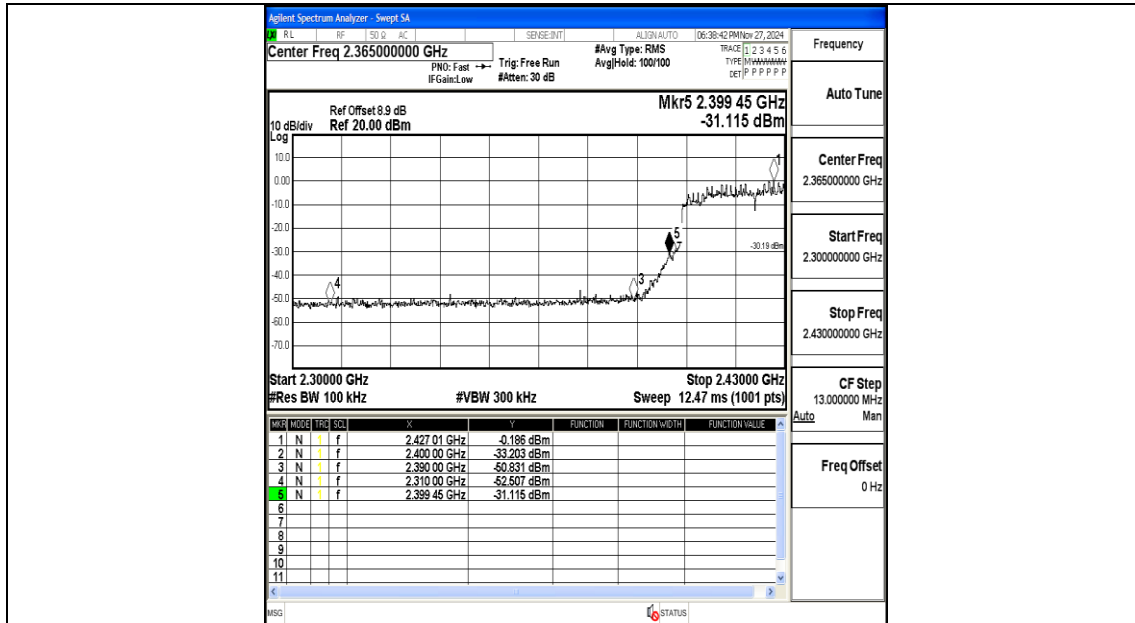
11AX20MIMO-Ant2-2412-PASS



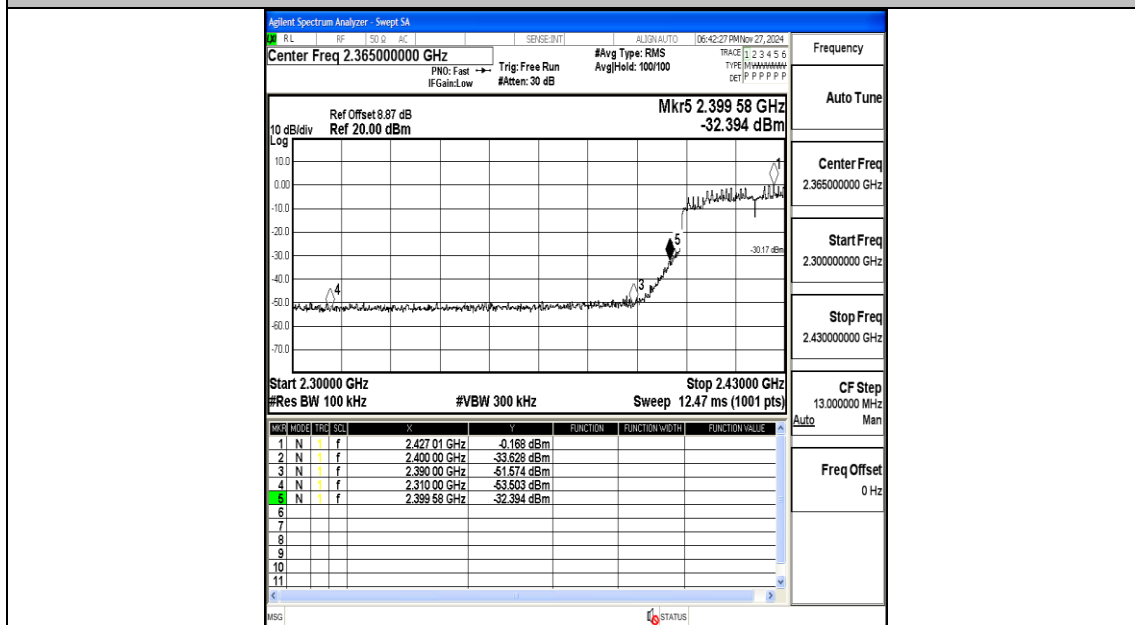
11AX20MIMO-Ant1-2462-PASS



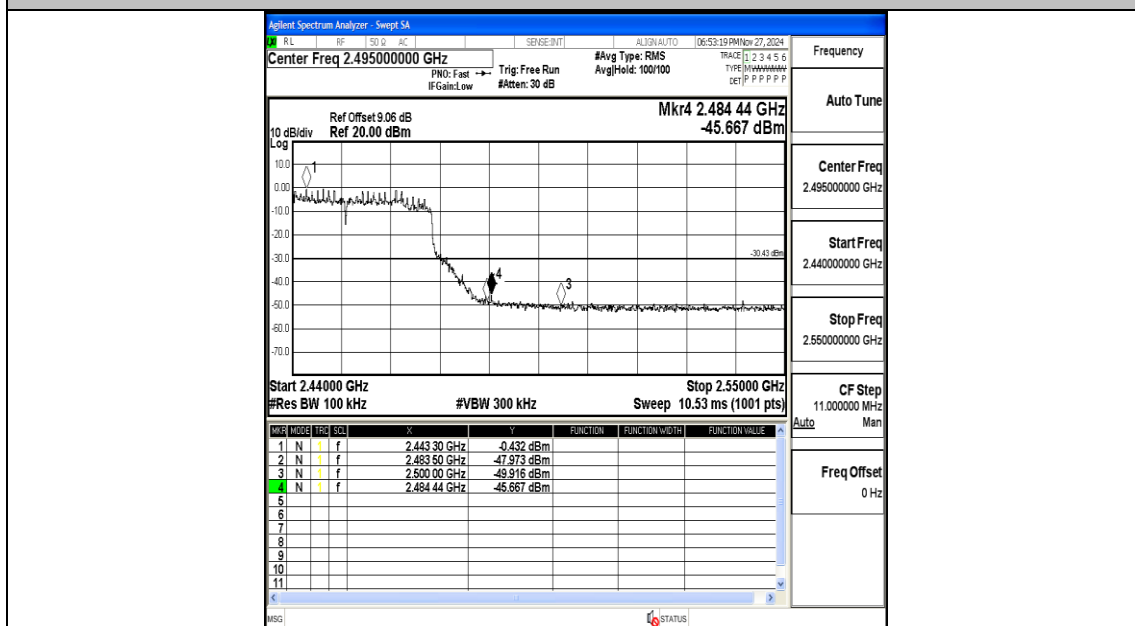
11AX20MIMO-Ant2-2462-PASS



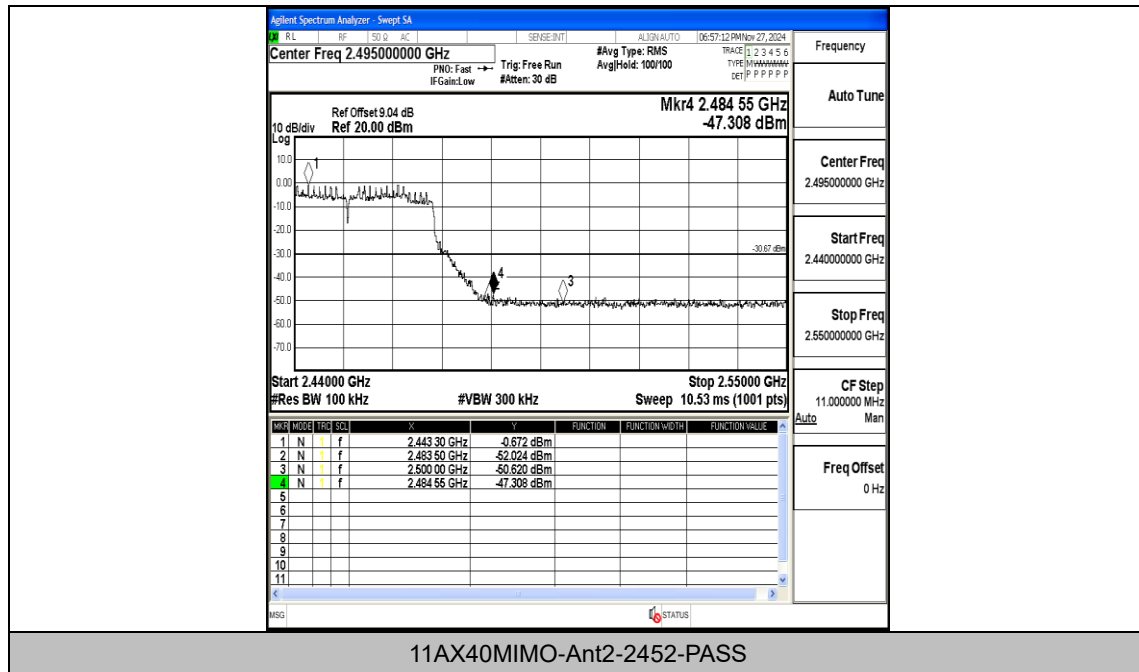
11AX40MIMO-Ant1-2422-PASS



11AX40MIMO-Ant2-2422-PASS



11AX40MIMO-Ant1-2452-PASS



Appendix F: Conducted Spurious Emission

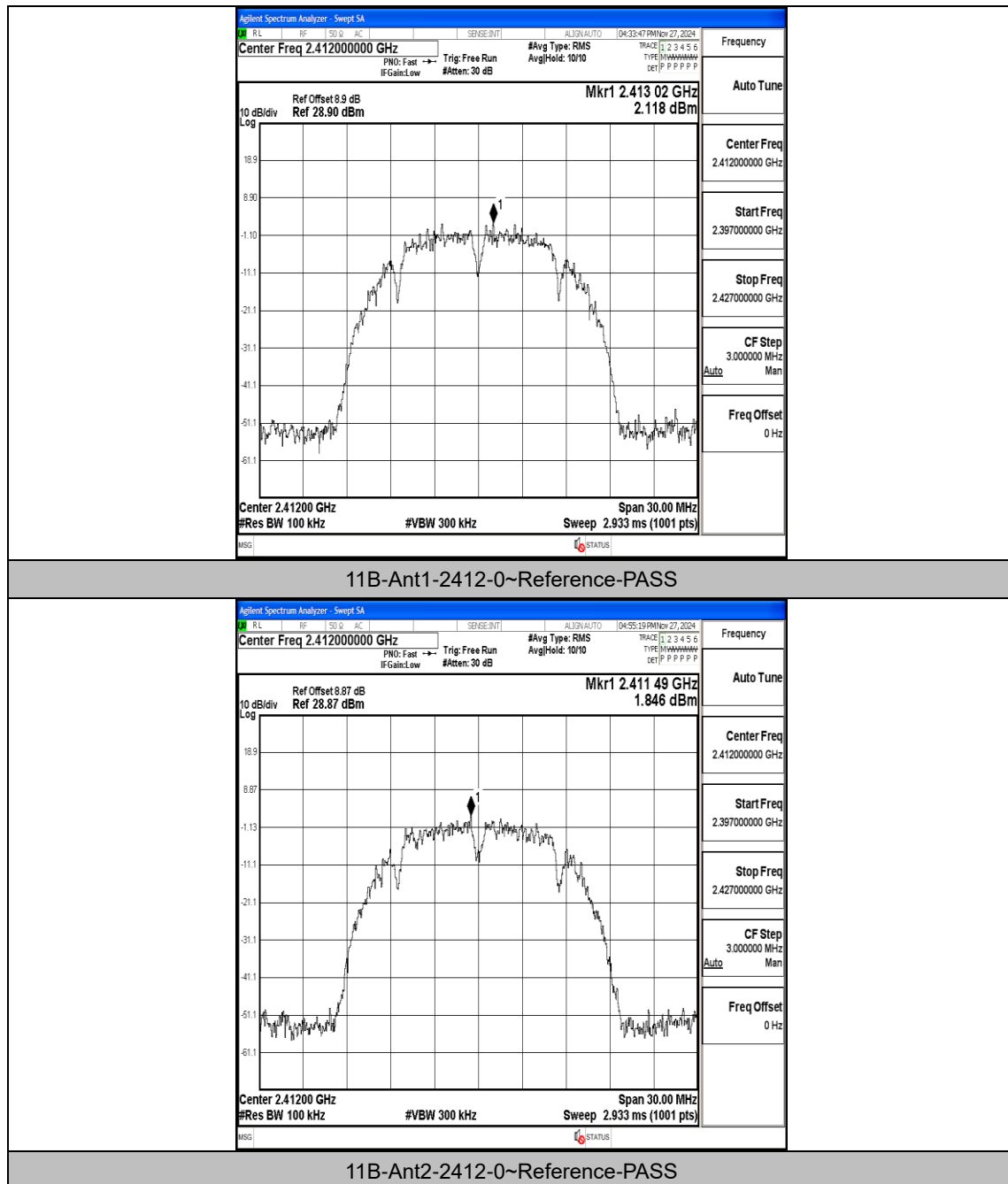
Test Result

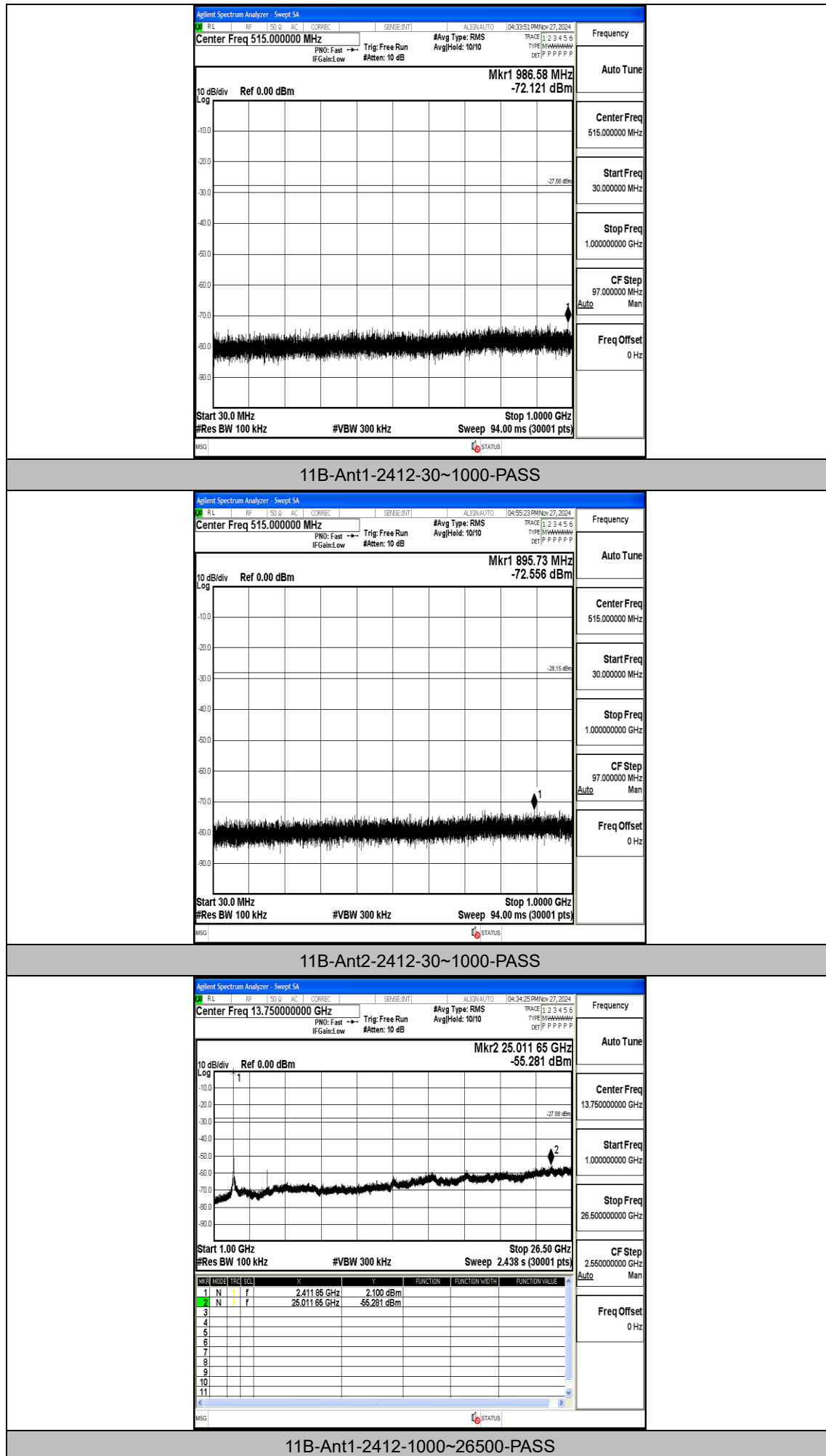
Test Mode	Antenna	Frequency [MHz]	Freq. Range [Mhz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	2.12	2.12	---	PASS
11B	Ant2	2412	0~Reference	1.85	1.85	---	PASS
11B	Ant1	2412	30~1000	2.12	-72.12	≤-27.88	PASS
11B	Ant2	2412	30~1000	1.85	-72.56	≤-28.15	PASS
11B	Ant1	2412	1000~26500	2.12	-55.28	≤-27.88	PASS
11B	Ant2	2412	1000~26500	1.85	-53.39	≤-28.15	PASS
11B	Ant1	2437	0~Reference	3.34	3.34	---	PASS
11B	Ant2	2437	0~Reference	1.93	1.93	---	PASS
11B	Ant1	2437	30~1000	3.34	-72.76	≤-26.66	PASS
11B	Ant2	2437	30~1000	1.93	-72.27	≤-28.07	PASS
11B	Ant1	2437	1000~26500	3.34	-55.5	≤-26.66	PASS
11B	Ant2	2437	1000~26500	1.93	-54.33	≤-28.07	PASS
11B	Ant1	2462	0~Reference	1.65	1.65	---	PASS
11B	Ant2	2462	0~Reference	2.60	2.60	---	PASS
11B	Ant1	2462	30~1000	1.65	-71.82	≤-28.35	PASS
11B	Ant2	2462	30~1000	2.60	-72.82	≤-27.4	PASS
11B	Ant1	2462	1000~26500	1.65	-54.51	≤-28.35	PASS
11B	Ant2	2462	1000~26500	2.60	-53.57	≤-27.4	PASS
11G	Ant1	2412	0~Reference	-0.45	-0.45	---	PASS
11G	Ant2	2412	0~Reference	0.28	0.28	---	PASS
11G	Ant1	2412	30~1000	-0.45	-72.52	≤-30.45	PASS
11G	Ant2	2412	30~1000	0.28	-72.6	≤-29.72	PASS
11G	Ant1	2412	1000~26500	-0.45	-54.54	≤-30.45	PASS
11G	Ant2	2412	1000~26500	0.28	-53.43	≤-29.72	PASS
11G	Ant1	2437	0~Reference	3.35	3.35	---	PASS
11G	Ant2	2437	0~Reference	2.51	2.51	---	PASS
11G	Ant1	2437	30~1000	3.35	-72.97	≤-26.65	PASS
11G	Ant2	2437	30~1000	2.51	-72.52	≤-27.49	PASS
11G	Ant1	2437	1000~26500	3.35	-55.85	≤-26.65	PASS
11G	Ant2	2437	1000~26500	2.51	-53.95	≤-27.49	PASS
11G	Ant1	2462	0~Reference	2.45	2.45	---	PASS
11G	Ant2	2462	0~Reference	1.77	1.77	---	PASS
11G	Ant1	2462	30~1000	2.45	-72.86	≤-27.55	PASS
11G	Ant2	2462	30~1000	1.77	-72.37	≤-28.23	PASS
11G	Ant1	2462	1000~26500	2.45	-55.88	≤-27.55	PASS
11G	Ant2	2462	1000~26500	1.77	-53.92	≤-28.23	PASS
11N20MIMO	Ant1	2412	0~Reference	0.34	0.34	---	PASS
11N20MIMO	Ant2	2412	0~Reference	0.85	0.85	---	PASS
11N20MIMO	Ant1	2412	30~1000	0.34	-72.42	≤-29.66	PASS
11N20MIMO	Ant2	2412	30~1000	0.85	-71.59	≤-29.15	PASS
11N20MIMO	Ant1	2412	1000~26500	0.34	-55.57	≤-29.66	PASS

11N20MIMO	Ant2	2412	1000~26500	0.85	-53.46	≤-29.15	PASS
11N20MIMO	Ant1	2437	0~Reference	3.13	3.13	---	PASS
11N20MIMO	Ant2	2437	0~Reference	1.86	1.86	---	PASS
11N20MIMO	Ant1	2437	30~1000	3.13	-72.97	≤-26.87	PASS
11N20MIMO	Ant2	2437	30~1000	1.86	-72.44	≤-28.14	PASS
11N20MIMO	Ant1	2437	1000~26500	3.13	-54.75	≤-26.87	PASS
11N20MIMO	Ant2	2437	1000~26500	1.86	-54.07	≤-28.14	PASS
11N20MIMO	Ant1	2462	0~Reference	1.75	1.75	---	PASS
11N20MIMO	Ant2	2462	0~Reference	-1.09	-1.09	---	PASS
11N20MIMO	Ant1	2462	30~1000	1.75	-72.74	≤-28.25	PASS
11N20MIMO	Ant2	2462	30~1000	-1.09	-72.91	≤-31.09	PASS
11N20MIMO	Ant1	2462	1000~26500	1.75	-54.41	≤-28.25	PASS
11N20MIMO	Ant2	2462	1000~26500	-1.09	-53.7	≤-31.09	PASS
11N40MIMO	Ant1	2422	0~Reference	-0.90	-0.90	---	PASS
11N40MIMO	Ant2	2422	0~Reference	-1.54	-1.54	---	PASS
11N40MIMO	Ant1	2422	30~1000	-0.90	-72.32	≤-30.9	PASS
11N40MIMO	Ant2	2422	30~1000	-1.54	-72.62	≤-31.54	PASS
11N40MIMO	Ant1	2422	1000~26500	-0.90	-55.55	≤-30.9	PASS
11N40MIMO	Ant2	2422	1000~26500	-1.54	-54.91	≤-31.54	PASS
11N40MIMO	Ant1	2437	0~Reference	-0.32	-0.32	---	PASS
11N40MIMO	Ant2	2437	0~Reference	-1.12	-1.12	---	PASS
11N40MIMO	Ant1	2437	30~1000	-0.32	-72.06	≤-30.32	PASS
11N40MIMO	Ant2	2437	30~1000	-1.12	-71.34	≤-31.12	PASS
11N40MIMO	Ant1	2437	1000~26500	-0.32	-55.75	≤-30.32	PASS
11N40MIMO	Ant2	2437	1000~26500	-1.12	-55.29	≤-31.12	PASS
11N40MIMO	Ant1	2452	0~Reference	-0.60	-0.60	---	PASS
11N40MIMO	Ant2	2452	0~Reference	-1.00	-1.00	---	PASS
11N40MIMO	Ant1	2452	30~1000	-0.60	-72.23	≤-30.6	PASS
11N40MIMO	Ant2	2452	30~1000	-1.00	-73.09	≤-31	PASS
11N40MIMO	Ant1	2452	1000~26500	-0.60	-54.26	≤-30.6	PASS
11N40MIMO	Ant2	2452	1000~26500	-1.00	-55.55	≤-31	PASS
11AX20MIMO	Ant1	2412	0~Reference	-0.86	-0.86	---	PASS
11AX20MIMO	Ant2	2412	0~Reference	-0.03	-0.03	---	PASS
11AX20MIMO	Ant1	2412	30~1000	-0.86	-72.77	≤-30.86	PASS
11AX20MIMO	Ant2	2412	30~1000	-0.03	-72.88	≤-30.03	PASS
11AX20MIMO	Ant1	2412	1000~26500	-0.86	-55.4	≤-30.86	PASS
11AX20MIMO	Ant2	2412	1000~26500	-0.03	-53.19	≤-30.03	PASS
11AX20MIMO	Ant1	2437	0~Reference	1.99	1.99	---	PASS
11AX20MIMO	Ant2	2437	0~Reference	2.64	2.64	---	PASS
11AX20MIMO	Ant1	2437	30~1000	1.99	-72.44	≤-28.01	PASS
11AX20MIMO	Ant2	2437	30~1000	2.64	-71.89	≤-27.36	PASS
11AX20MIMO	Ant1	2437	1000~26500	1.99	-55.26	≤-28.01	PASS
11AX20MIMO	Ant2	2437	1000~26500	2.64	-53.46	≤-27.36	PASS
11AX20MIMO	Ant1	2462	0~Reference	2.25	2.25	---	PASS
11AX20MIMO	Ant2	2462	0~Reference	-0.15	-0.15	---	PASS
11AX20MIMO	Ant1	2462	30~1000	2.25	-72.42	≤-27.75	PASS
11AX20MIMO	Ant2	2462	30~1000	-0.15	-73	≤-30.15	PASS

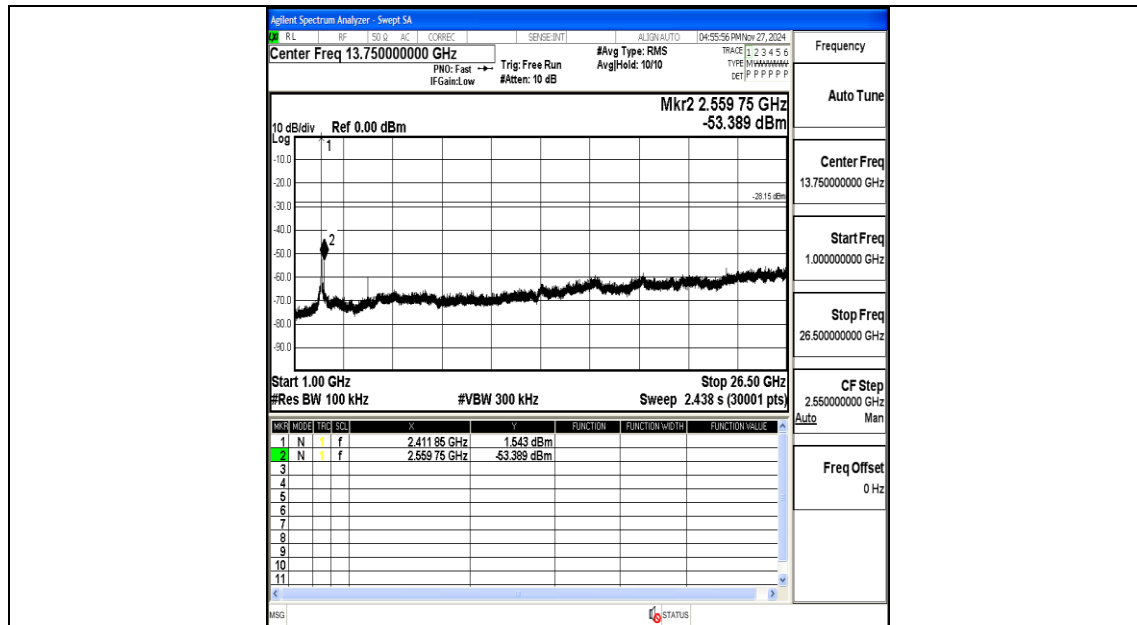
11AX20MIMO	Ant1	2462	1000~26500	2.25	-55.32	≤-27.75	PASS
11AX20MIMO	Ant2	2462	1000~26500	-0.15	-53.24	≤-30.15	PASS
11AX40MIMO	Ant1	2422	0~Reference	-0.62	-0.62	---	PASS
11AX40MIMO	Ant2	2422	0~Reference	-0.87	-0.87	---	PASS
11AX40MIMO	Ant1	2422	30~1000	-0.62	-71.93	≤-30.62	PASS
11AX40MIMO	Ant2	2422	30~1000	-0.87	-72.27	≤-30.87	PASS
11AX40MIMO	Ant1	2422	1000~26500	-0.62	-55.25	≤-30.62	PASS
11AX40MIMO	Ant2	2422	1000~26500	-0.87	-54.96	≤-30.87	PASS
11AX40MIMO	Ant1	2437	0~Reference	-0.84	-0.84	---	PASS
11AX40MIMO	Ant2	2437	0~Reference	-0.06	-0.06	---	PASS
11AX40MIMO	Ant1	2437	30~1000	-0.84	-72.18	≤-30.84	PASS
11AX40MIMO	Ant2	2437	30~1000	-0.06	-72.78	≤-30.06	PASS
11AX40MIMO	Ant1	2437	1000~26500	-0.84	-55.11	≤-30.84	PASS
11AX40MIMO	Ant2	2437	1000~26500	-0.06	-55.4	≤-30.06	PASS
11AX40MIMO	Ant1	2452	0~Reference	-1.10	-1.10	---	PASS
11AX40MIMO	Ant2	2452	0~Reference	-1.27	-1.27	---	PASS
11AX40MIMO	Ant1	2452	30~1000	-1.10	-72.58	≤-31.1	PASS
11AX40MIMO	Ant2	2452	30~1000	-1.27	-72.92	≤-31.27	PASS
11AX40MIMO	Ant1	2452	1000~26500	-1.10	-54.98	≤-31.1	PASS
11AX40MIMO	Ant2	2452	1000~26500	-1.27	-55.42	≤-31.27	PASS

Test Graphs

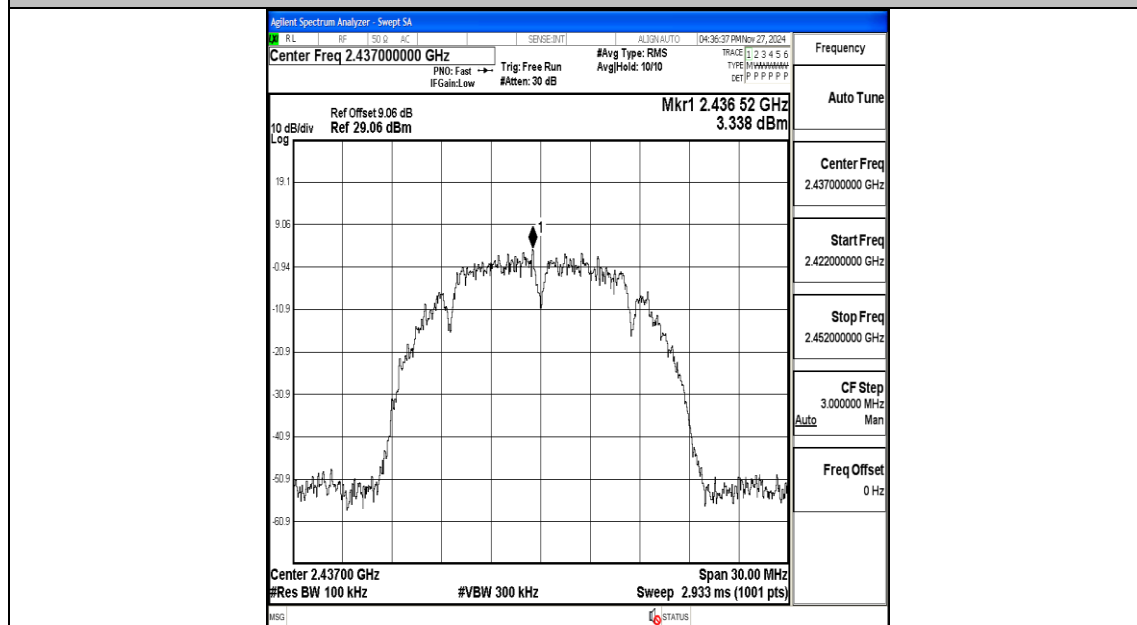




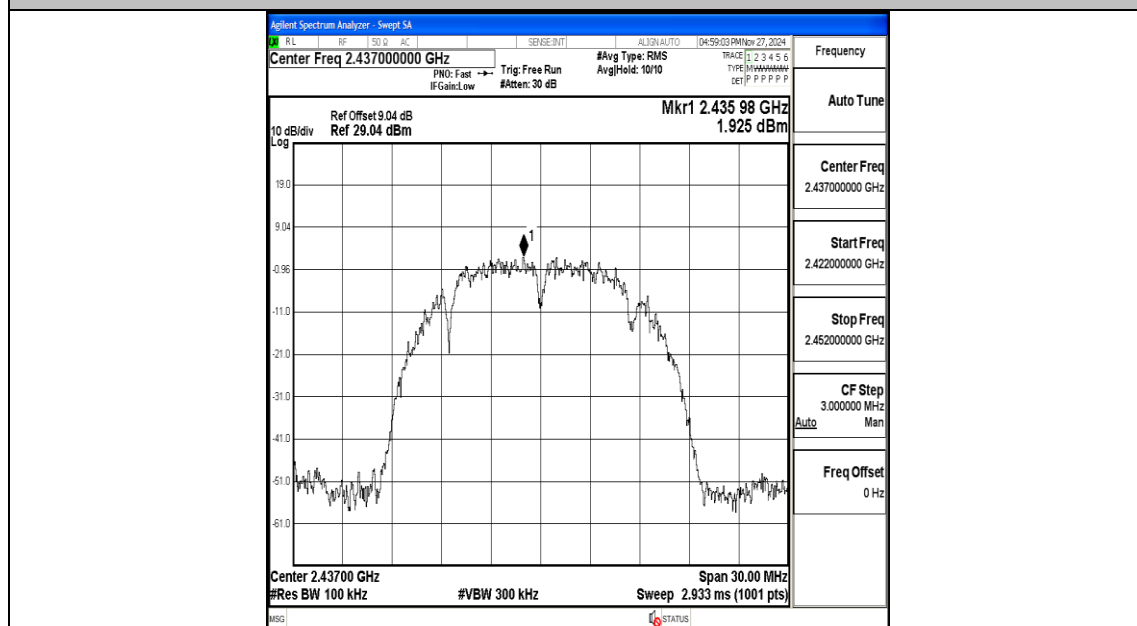
11B-Ant1-2412-1000~26500-PASS



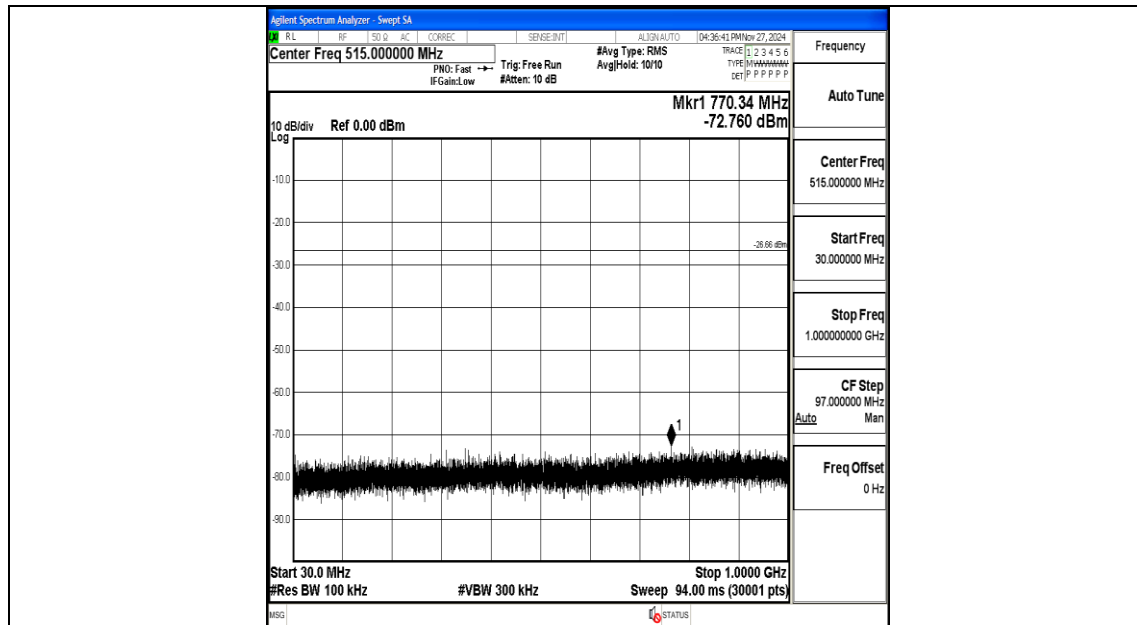
11B-Ant2-2412-1000~26500-PASS



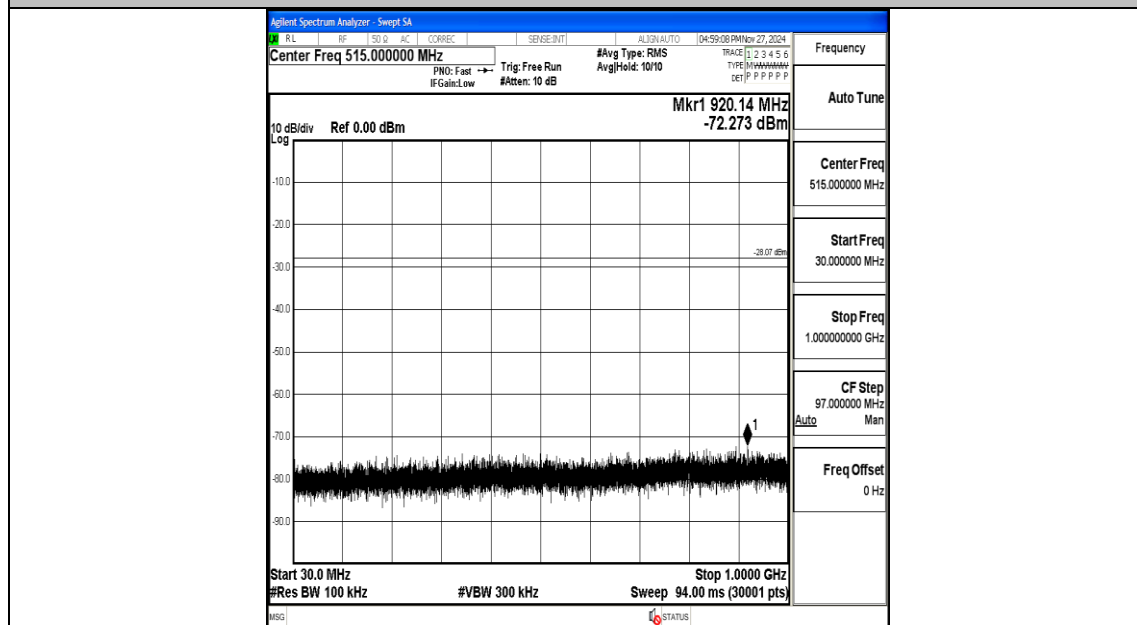
11B-Ant1-2437-0~Reference-PASS



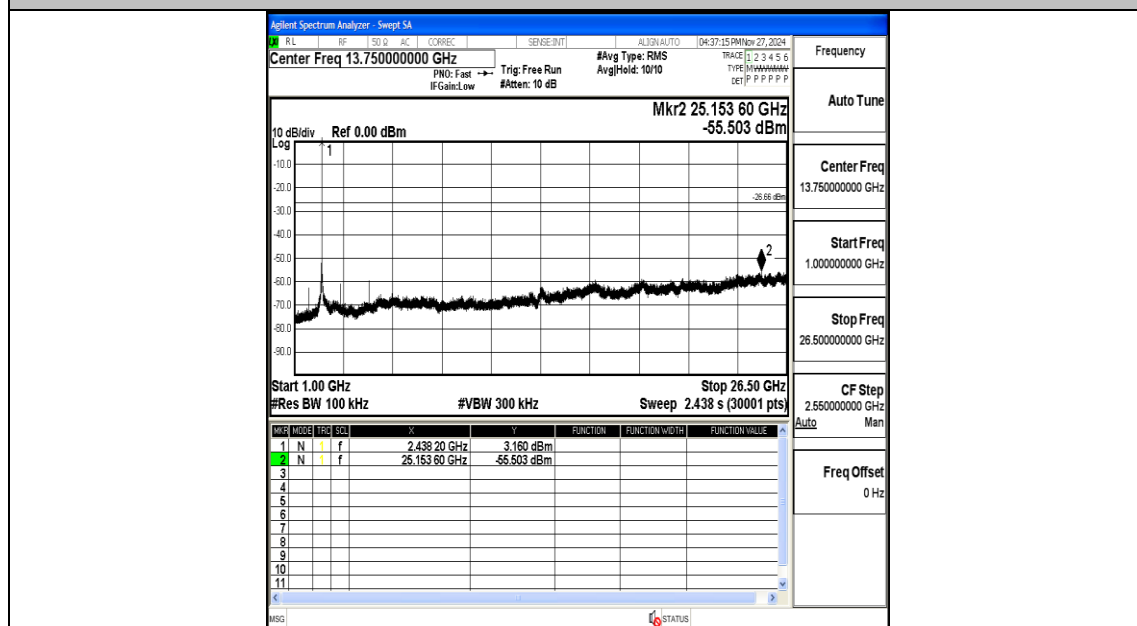
11B-Ant2-2437-0~Reference-PASS



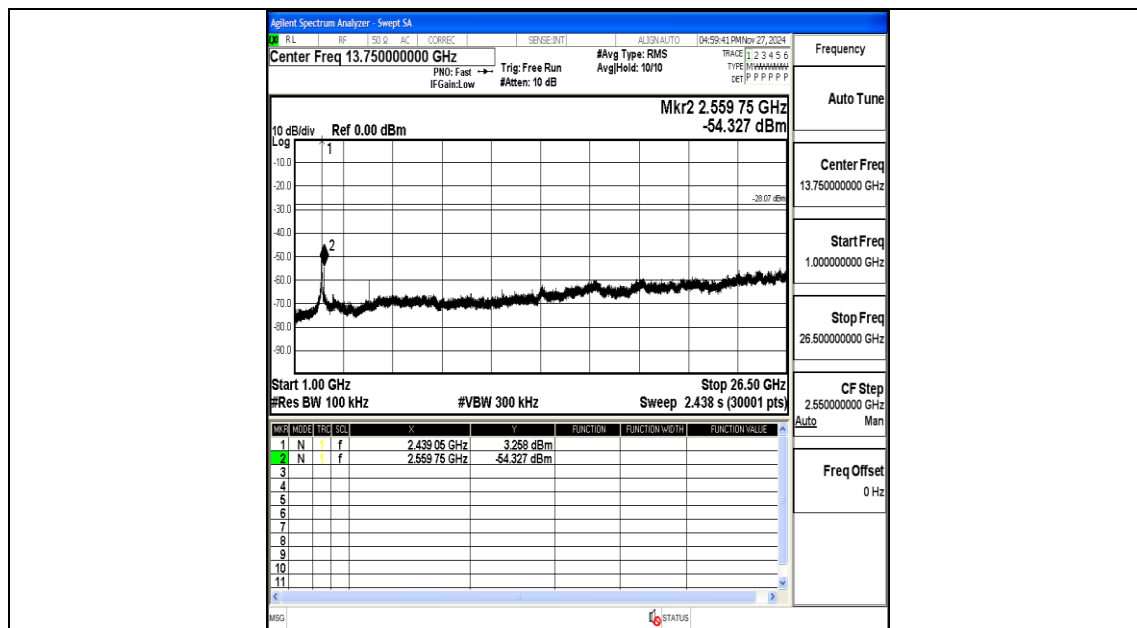
11B-Ant1-2437-30~1000-PASS



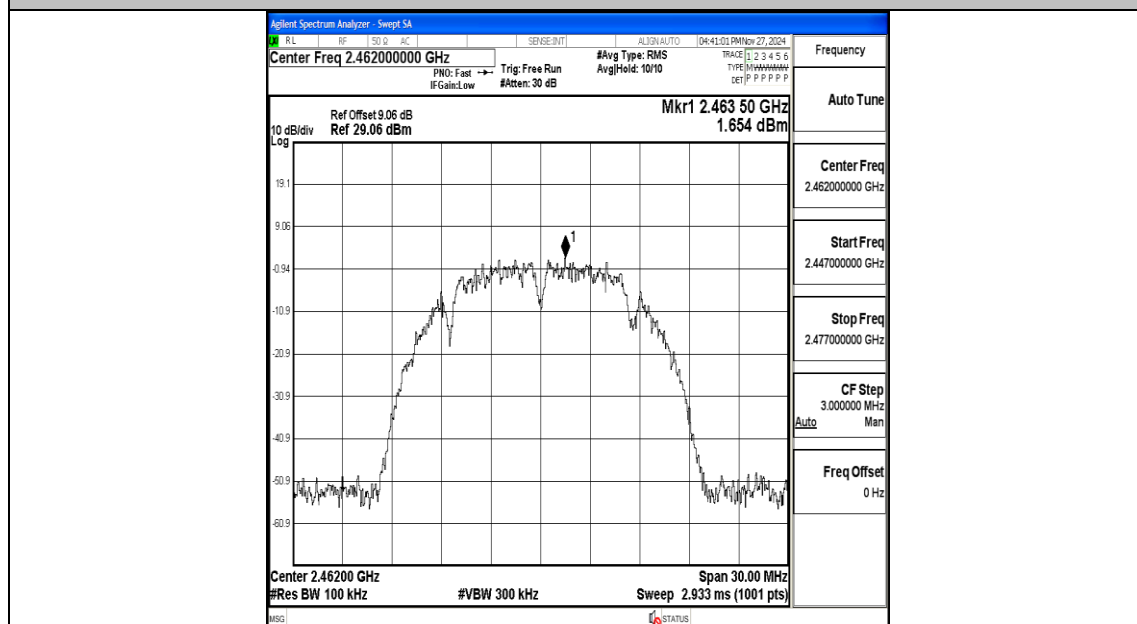
11B-Ant2-2437-30~1000-PASS



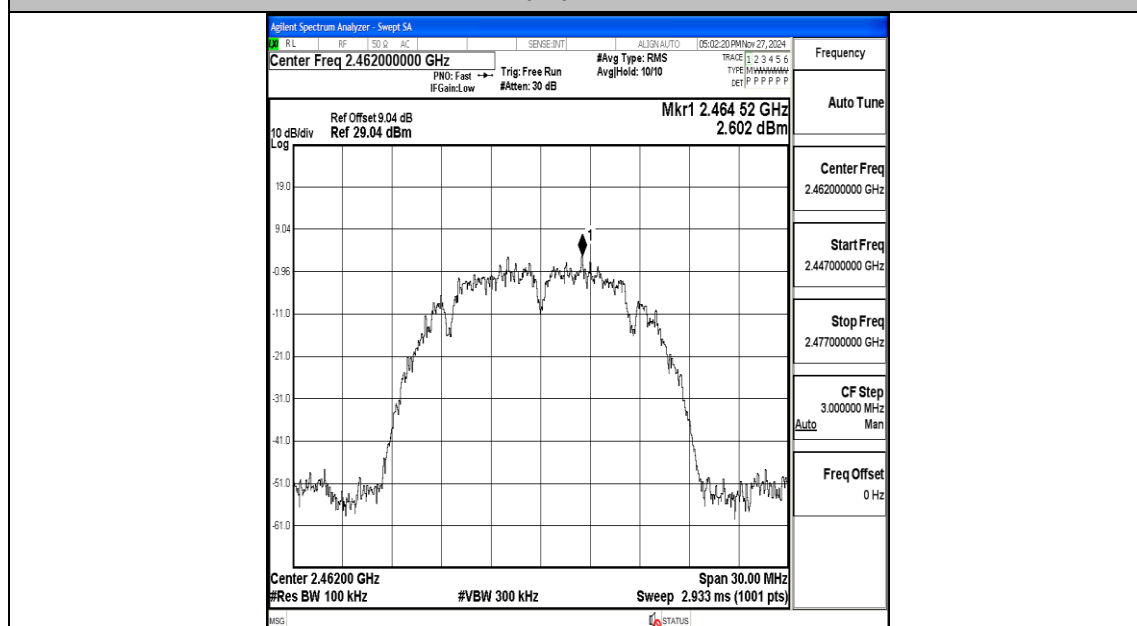
11B-Ant1-2437-1000~26500-PASS



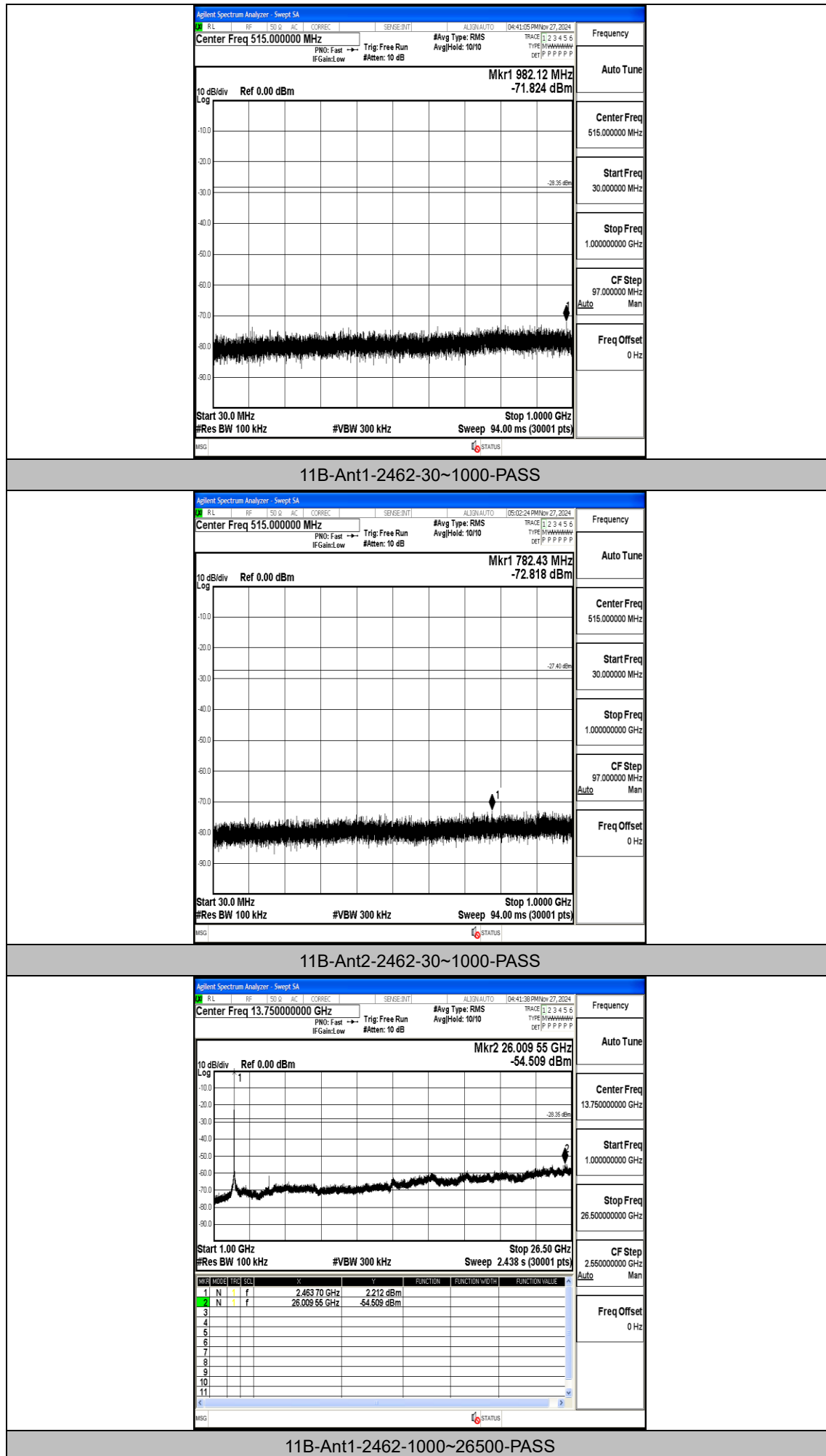
11B-Ant2-2437-1000~26500-PASS

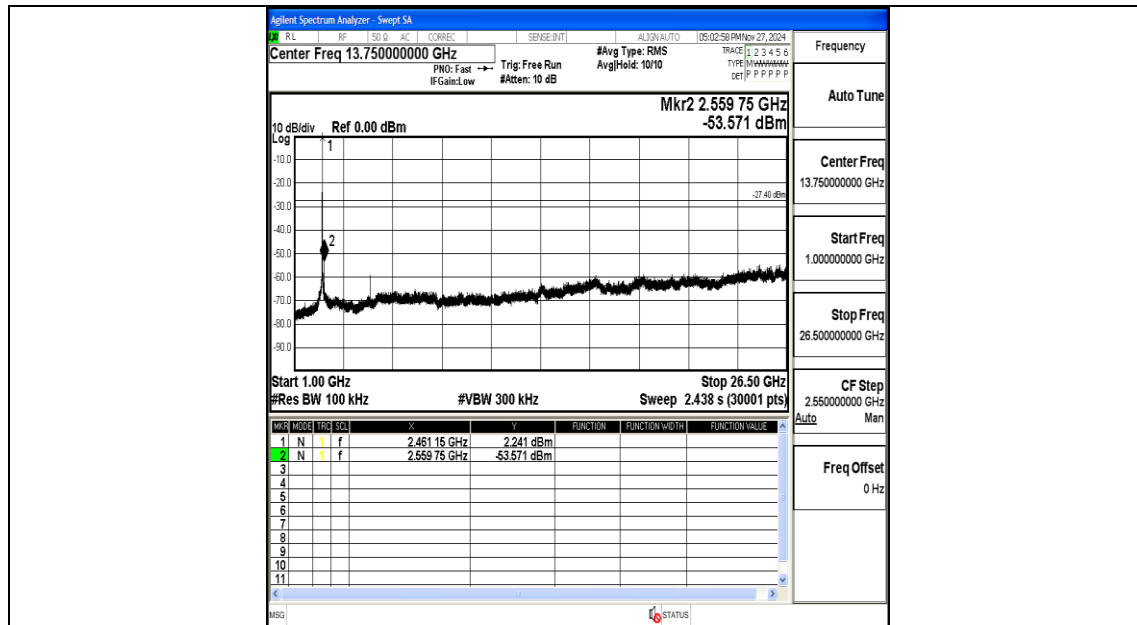


11B-Ant1-2462-0~Reference-PASS

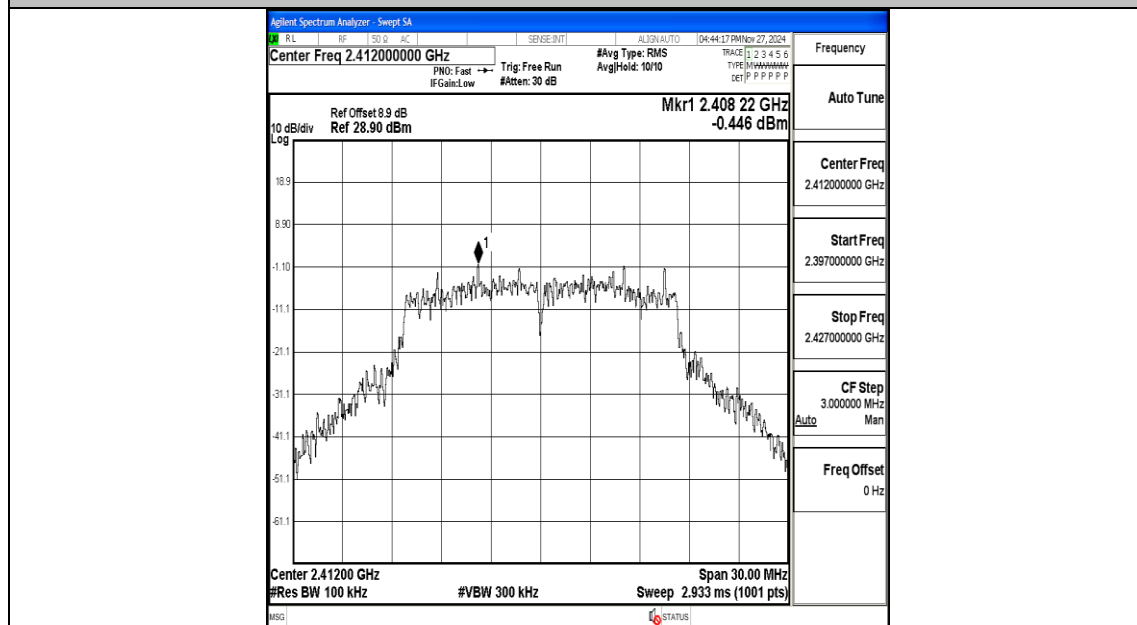


11B-Ant2-2462-0~Reference-PASS

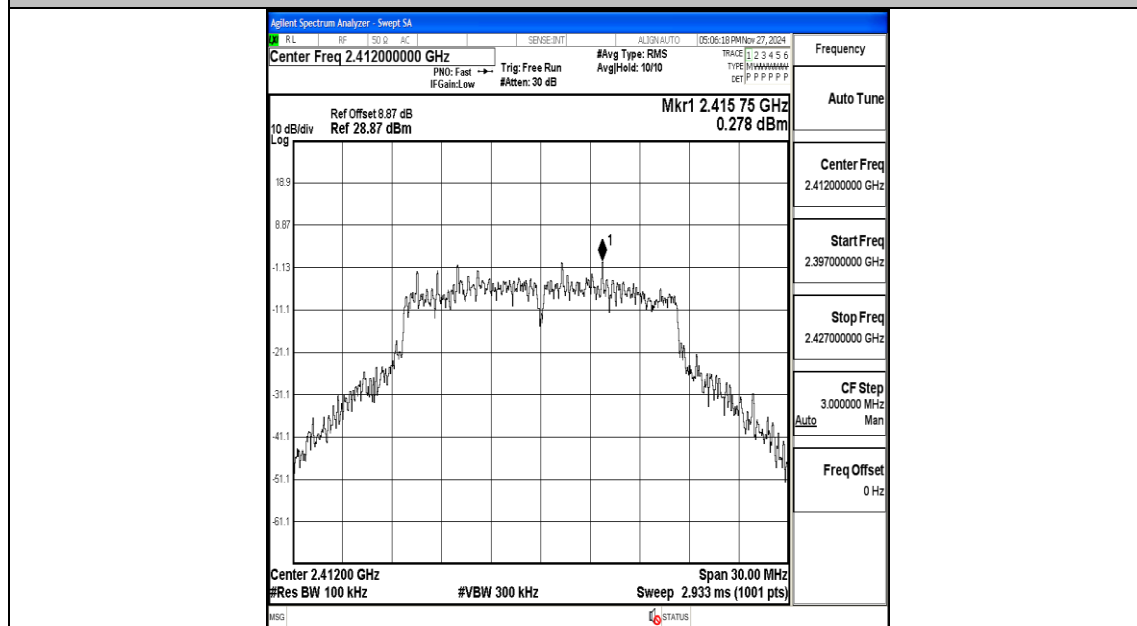




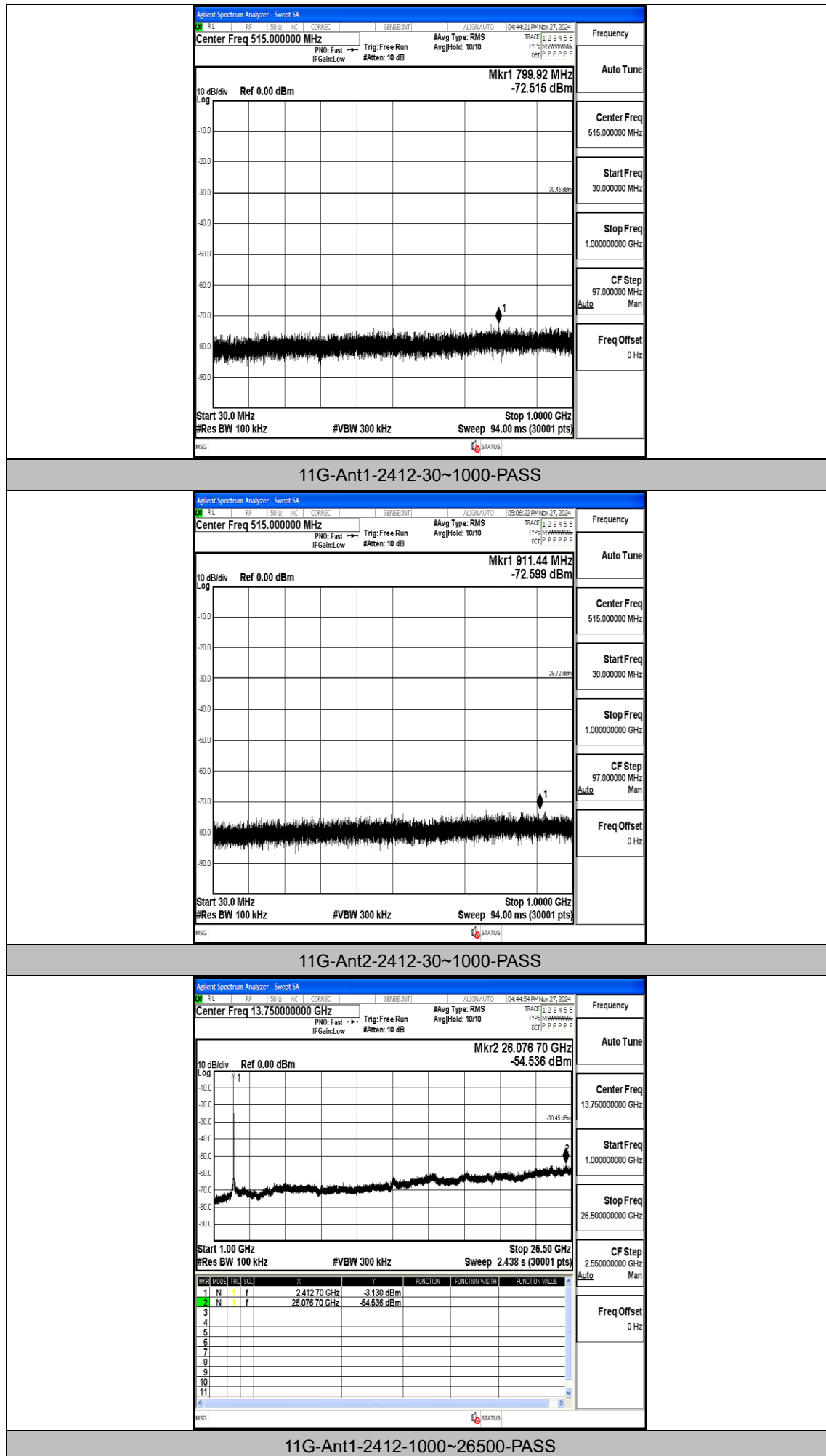
11B-Ant2-2462-1000~26500-PASS



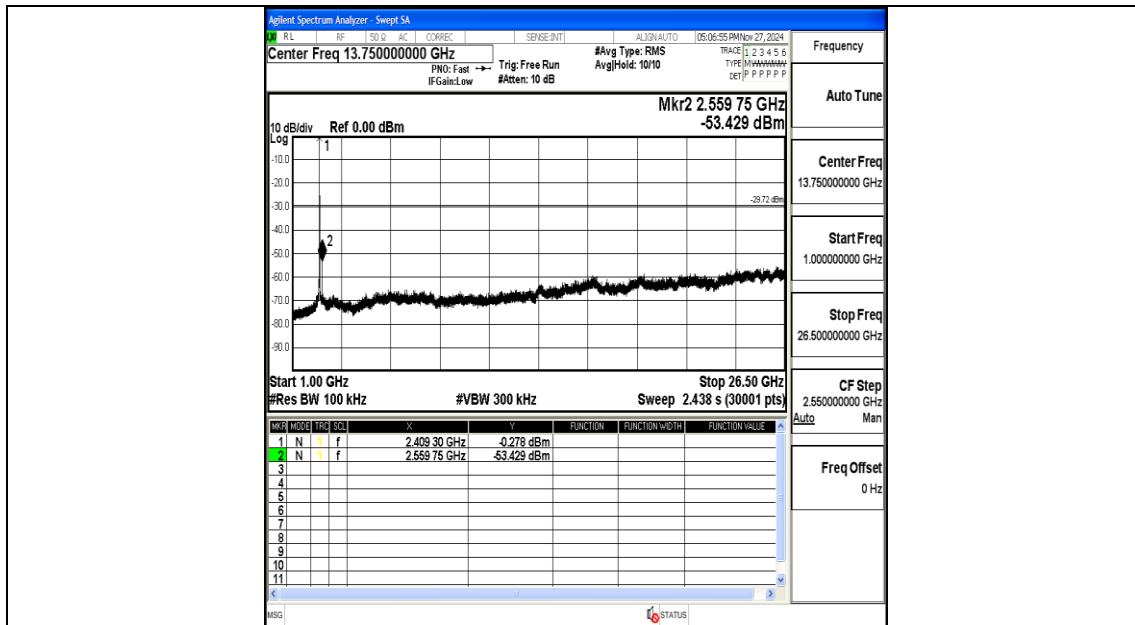
11G-Ant1-2412-0~Reference-PASS



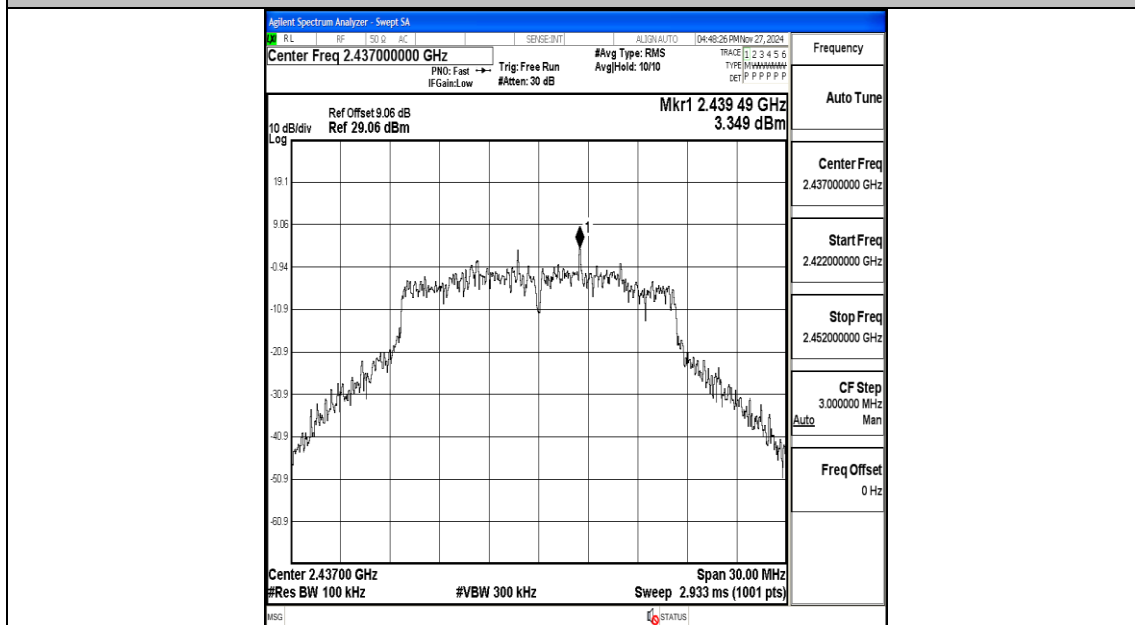
11G-Ant2-2412-0~Reference-PASS



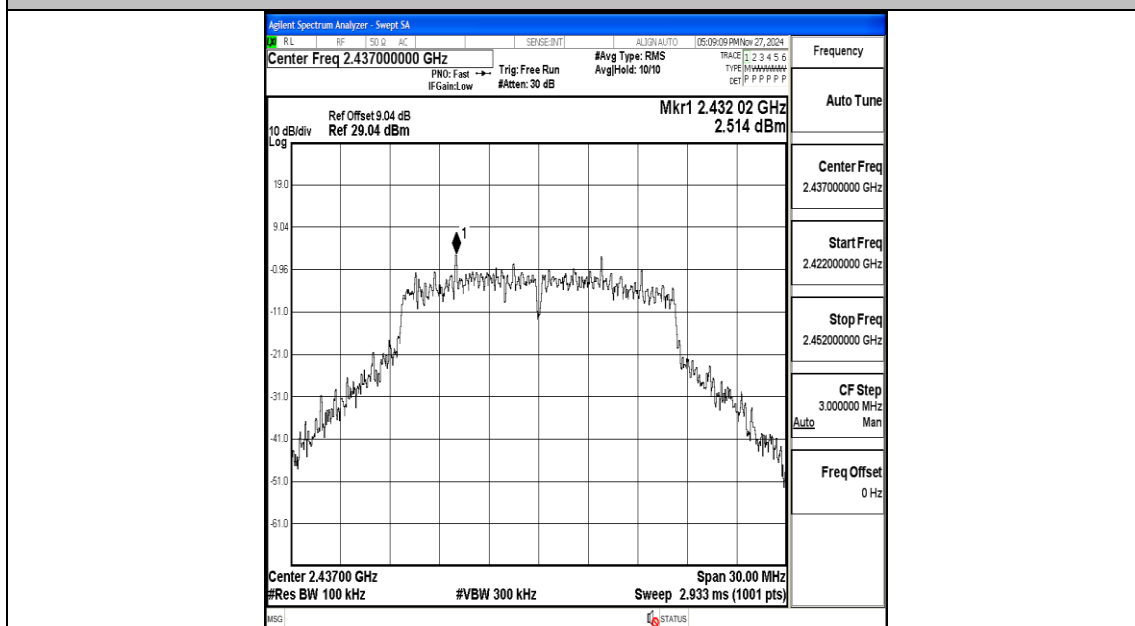
11G-Ant1-2412-1000~26500-PASS



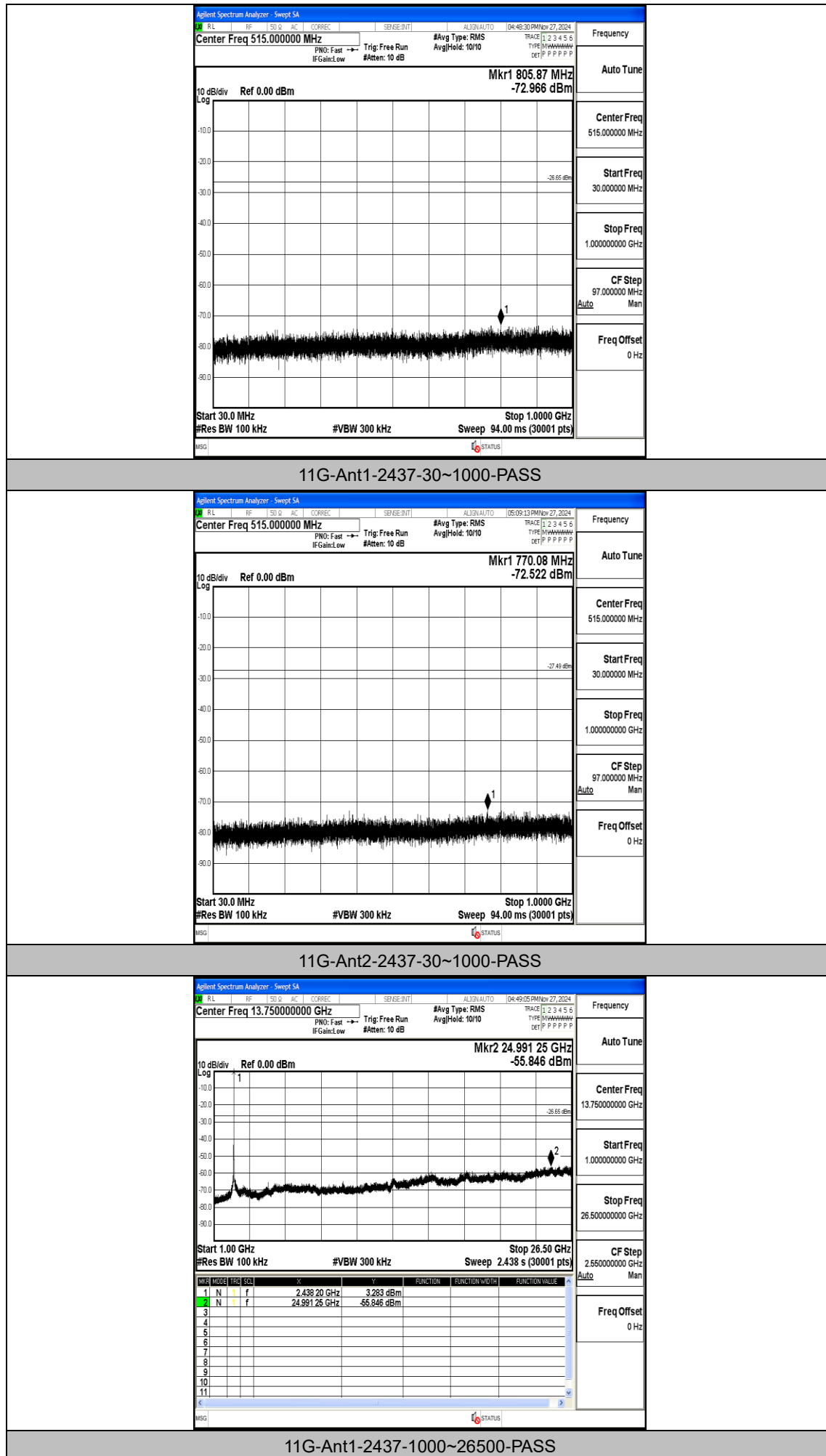
11G-Ant2-2412-1000~26500-PASS

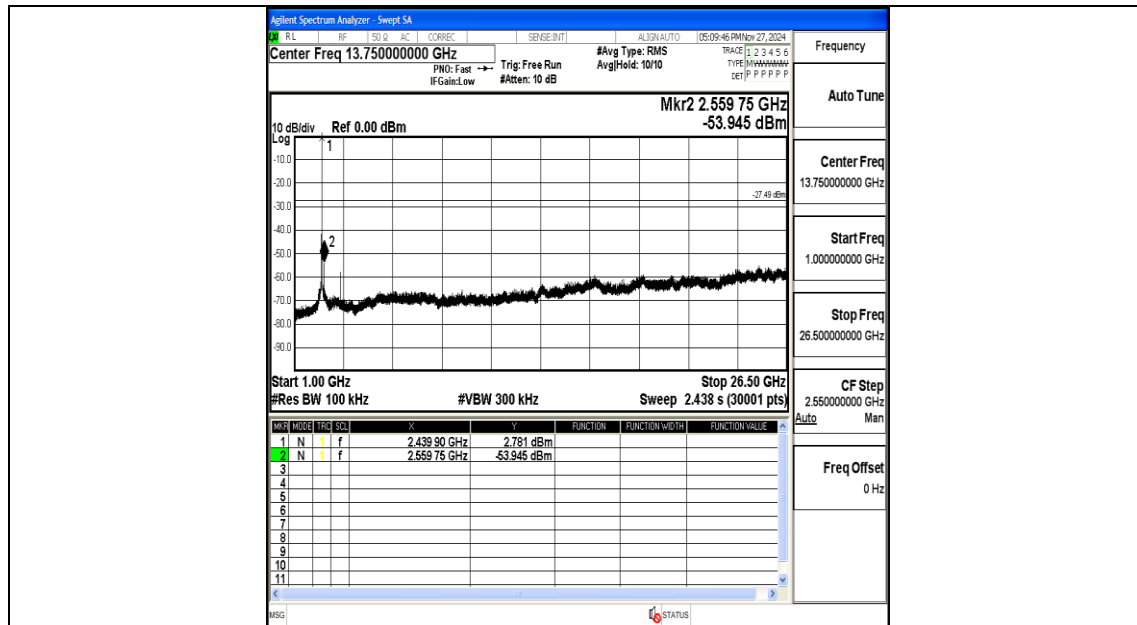


11G-Ant1-2437-0~Reference-PASS

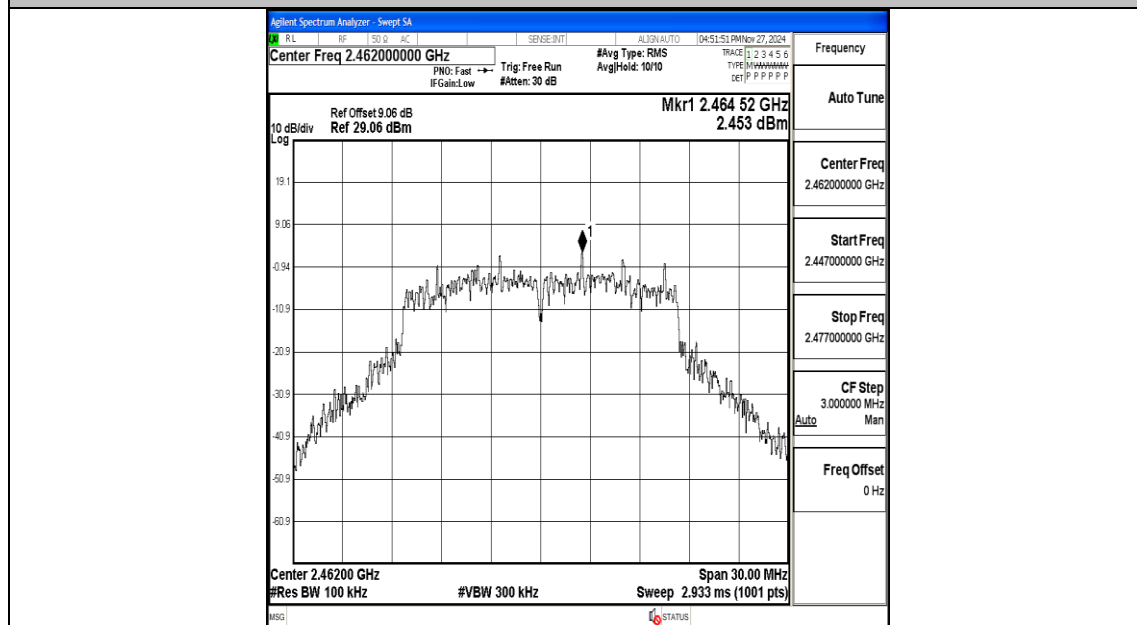


11G-Ant2-2437-0~Reference-PASS

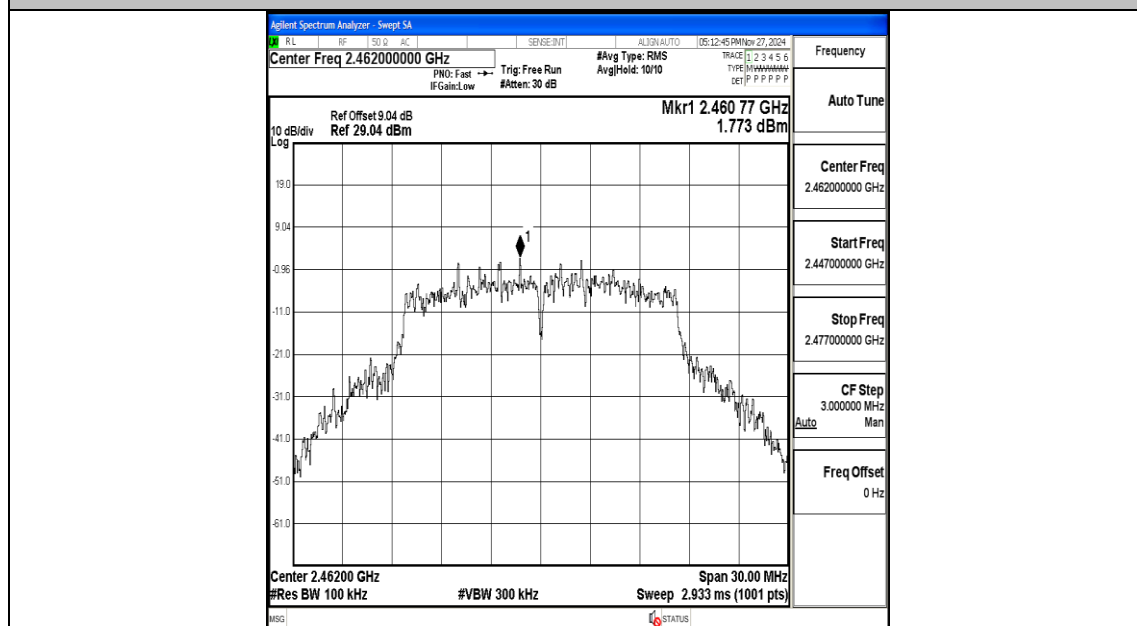




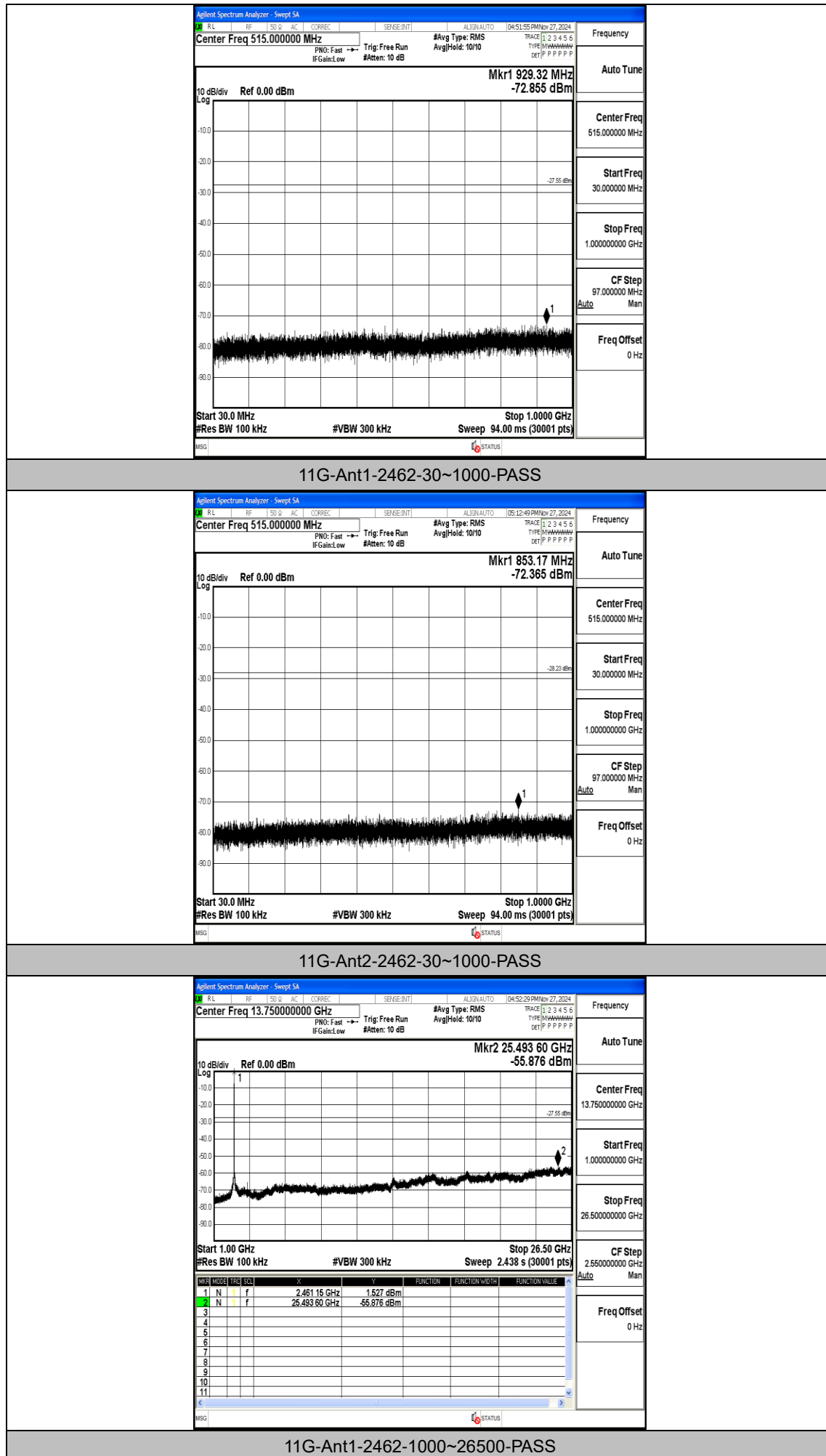
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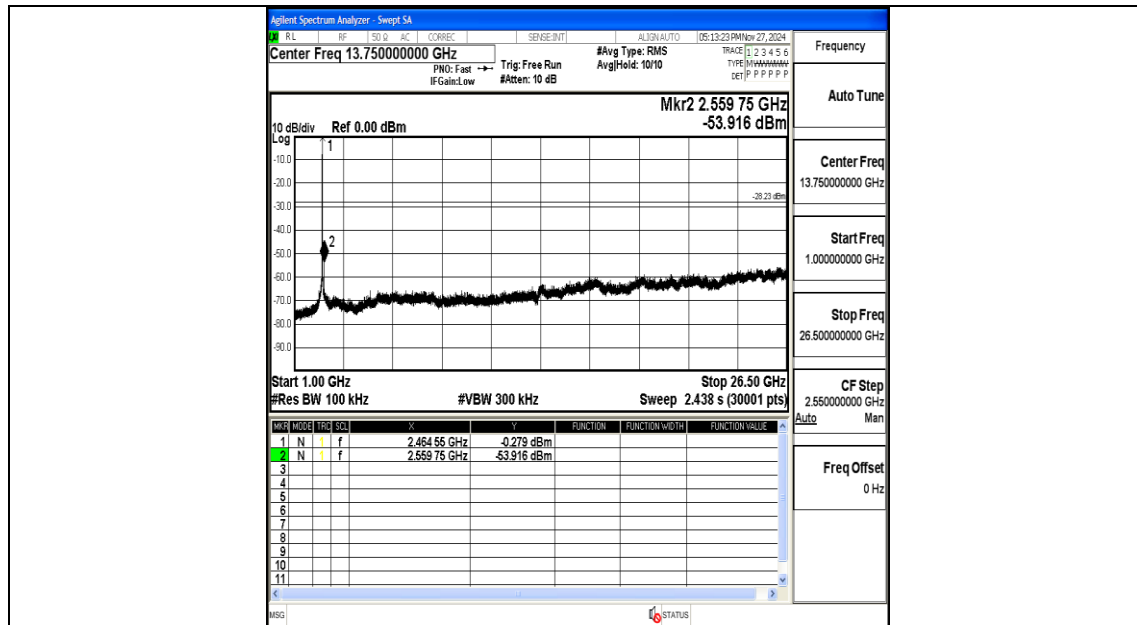


11G-Ant1-2462-0~Reference-PASS

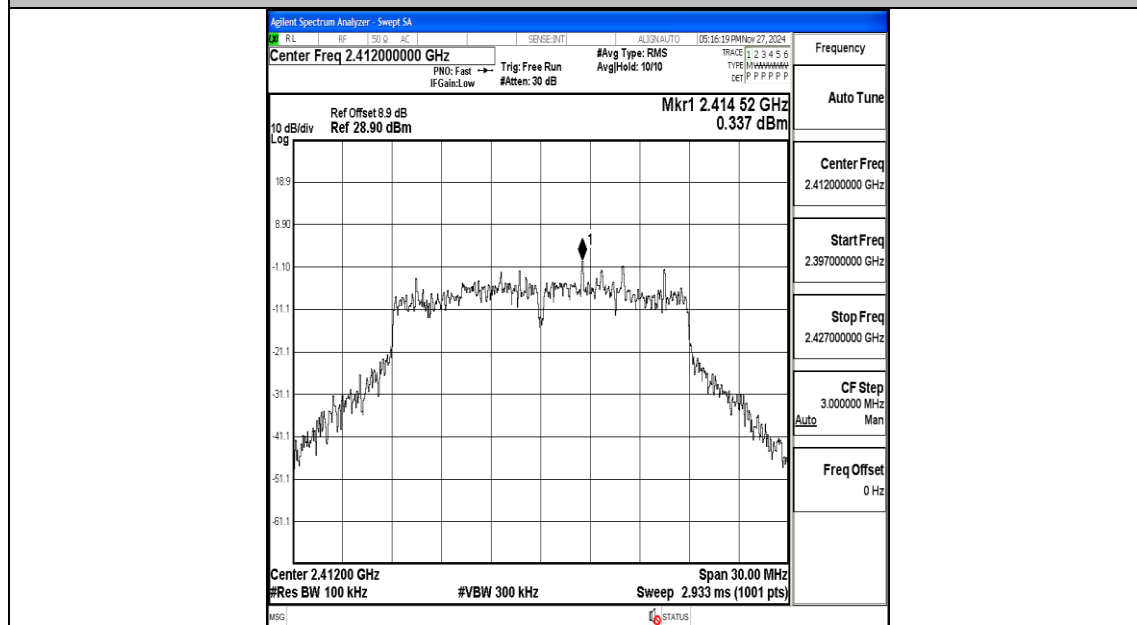


11G-Ant2-2462-0~Reference-PASS

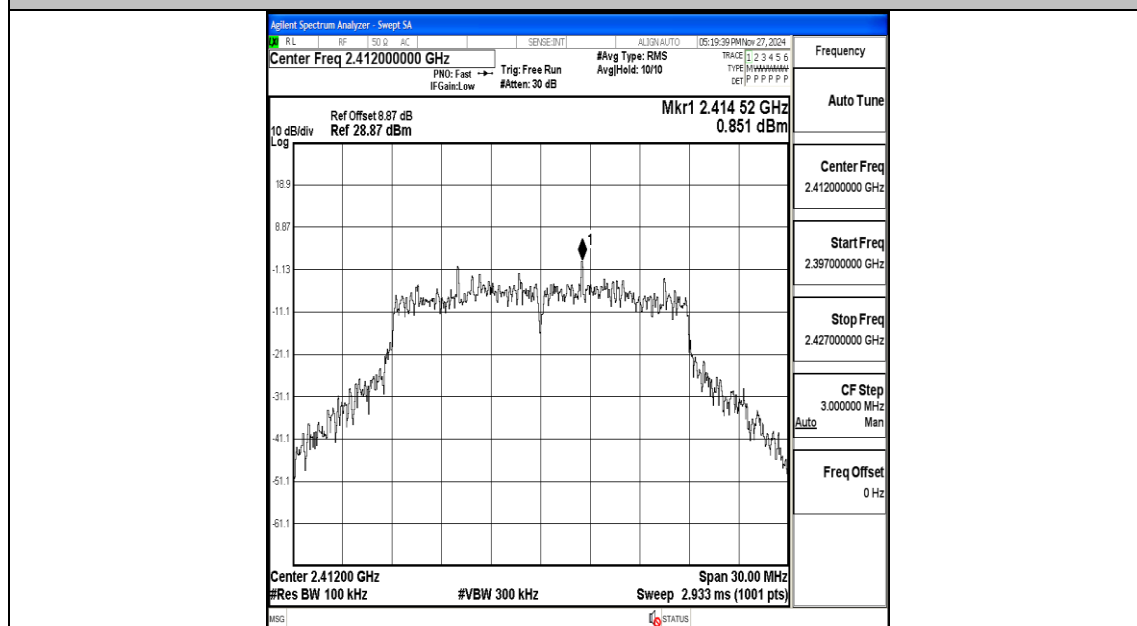




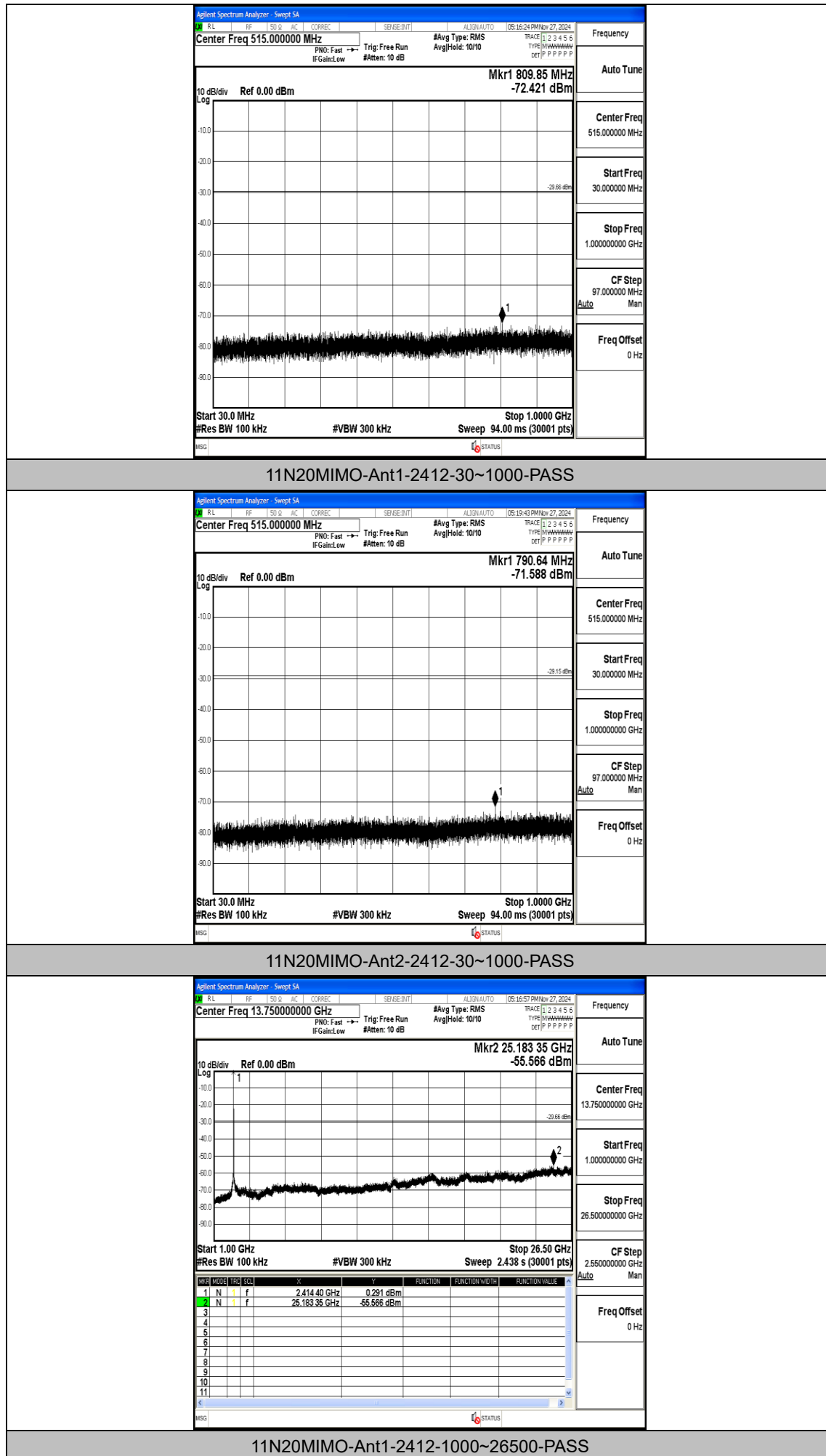
11G-Ant2-2462-1000~26500-PASS

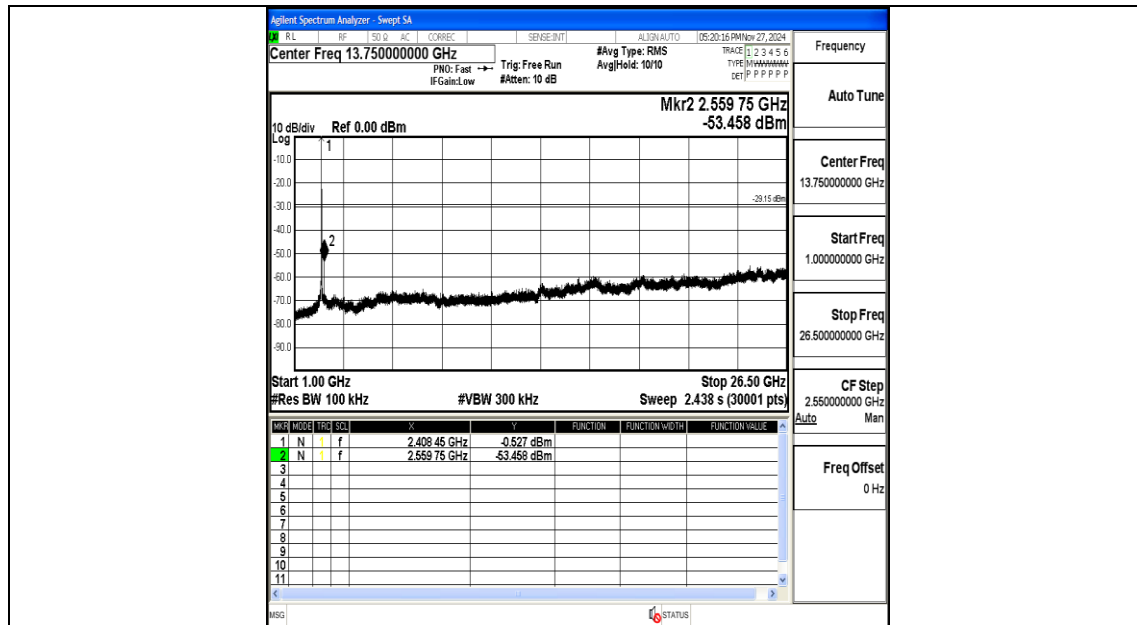


11N20MIMO-Ant1-2412-0~Reference-PASS

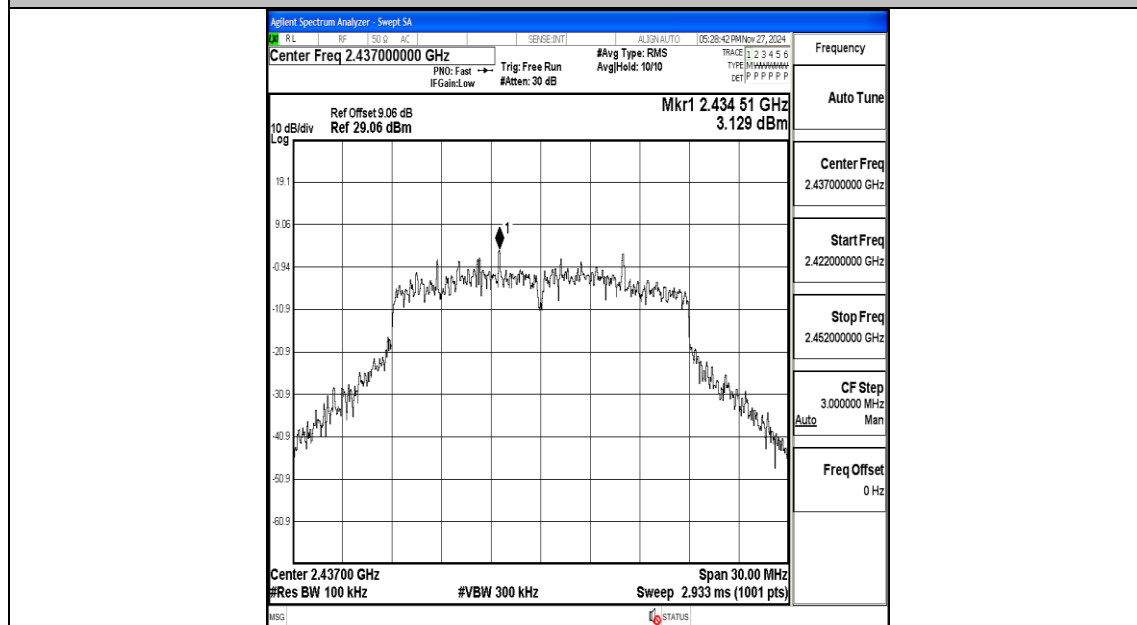


11N20MIMO-Ant2-2412-0~Reference-PASS

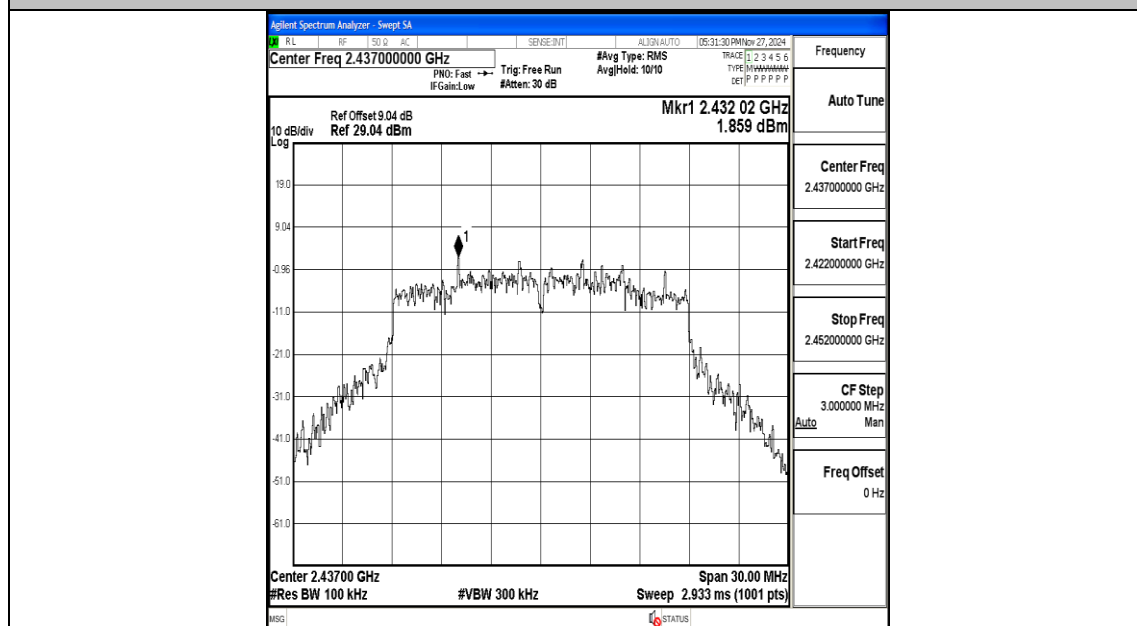




11N20MIMO-Ant2-2412-1000~26500-PASS



11N20MIMO-Ant1-2437-0~Reference-PASS



11N20MIMO-Ant2-2437-0~Reference-PASS