NTNV-11AX40MIMO-Ant2-6565

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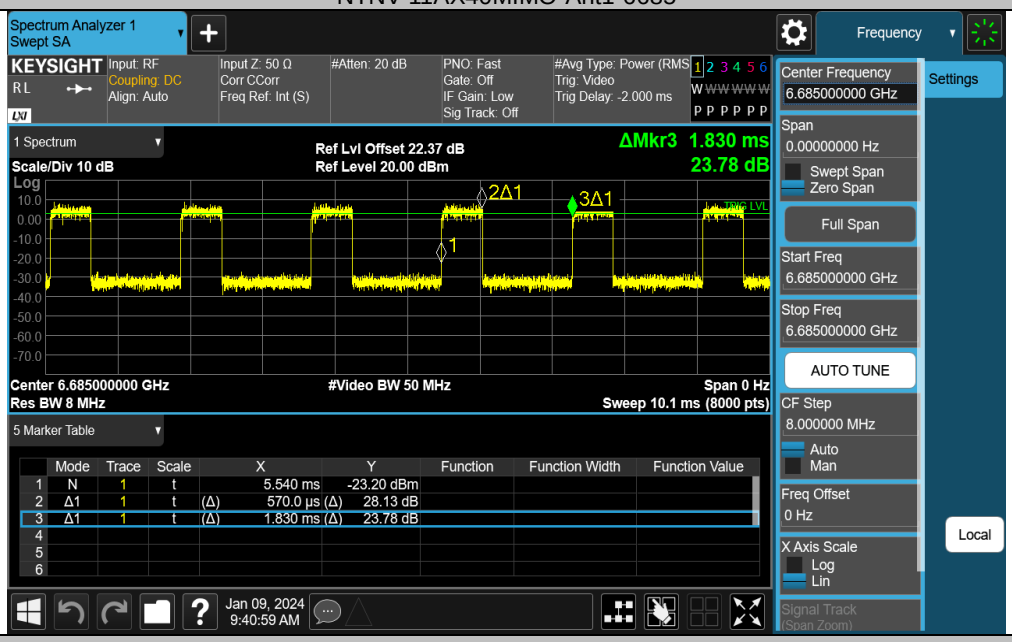

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NTNV-11AX40MIMO-Ant1-6845

NTNV-11AX40MIMO-Ant2-6845

NTNV-11AX40MIMO-Ant1-6885

NTNV-11AX40MIMO-Ant2-6885

NTNV-11AX40MIMO-Ant1-6925

NTNV-11AX40MIMO-Ant2-6925

NTNV-11AX40MIMO-Ant1-6965

NTNV-11AX40MIMO-Ant2-6965

NTNV-11AX40MIMO-Ant1-7085

NTNV-11AX40MIMO-Ant2-7085

NTNV-11AX80MIMO-Ant1-5985

NTNV-11AX80MIMO-Ant2-5985

NTNV-11AX80MIMO-Ant1-6145

NTNV-11AX80MIMO-Ant2-6145

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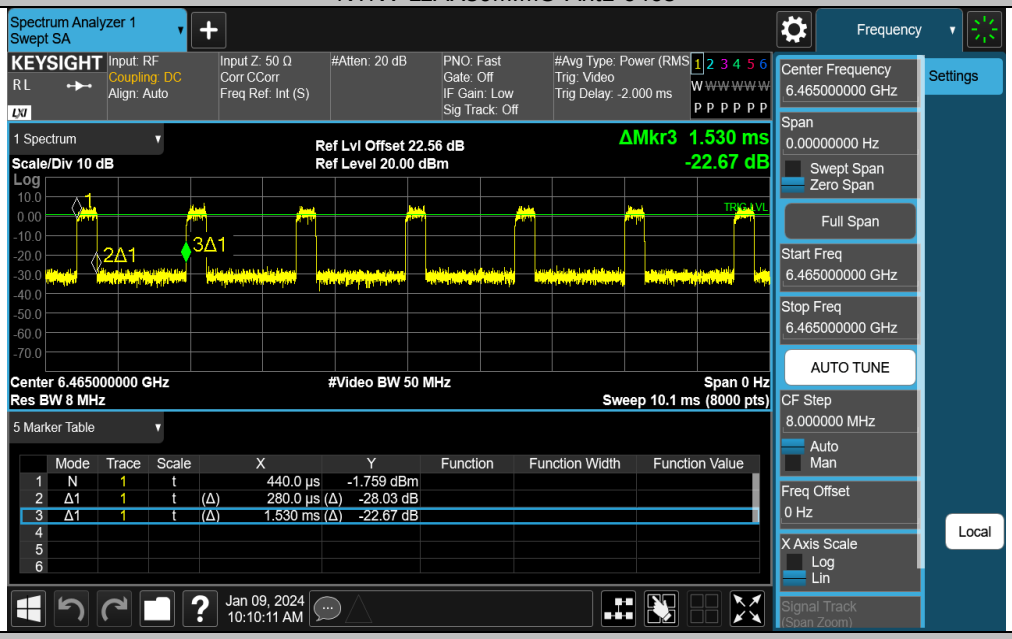
NTNV-11AX80MIMO-Ant2-6385

NTNV-11AX80MIMO-Ant1-6465



NTNV-11AX80MIMO-Ant2-6465

NTNV-11AX80MIMO-Ant1-6545

NTNV-11AX80MIMO-Ant2-6545

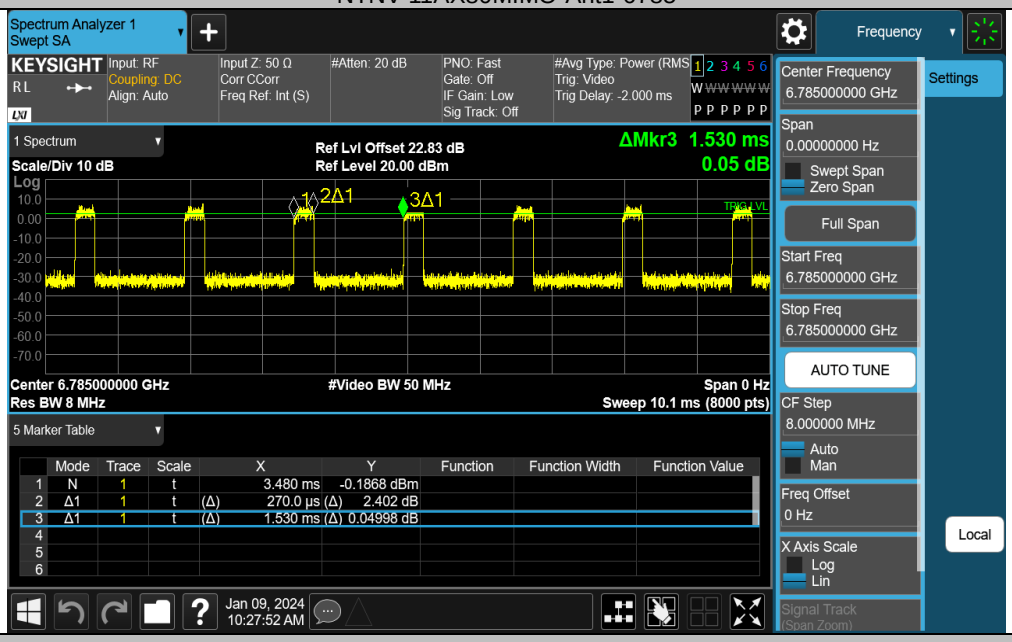
NTNV-11AX80MIMO-Ant1-6625

NTNV-11AX80MIMO-Ant2-6625

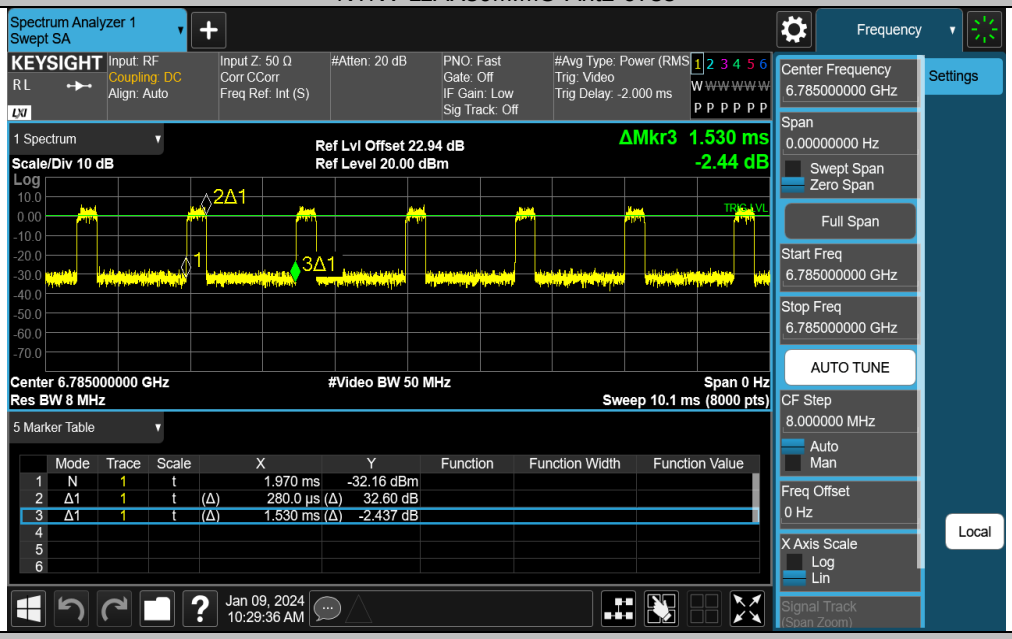
NTNV-11AX80MIMO-Ant1-6705

NTNV-11AX80MIMO-Ant2-6705

NTNV-11AX80MIMO-Ant1-6785



NTNV-11AX80MIMO-Ant2-6785



NTNV-11AX80MIMO-Ant1-6865

NTNV-11AX80MIMO-Ant2-6865

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NTNV-11AX80MIMO-Ant2-6945

NTNV-11AX80MIMO-Ant1-7025

NTNV-11AX80MIMO-Ant2-7025

NTNV-11AX160MIMO-Ant1-6025

NTNV-11AX160MIMO-Ant2-6025

NTNV-11AX160MIMO-Ant1-6185

NTNV-11AX160MIMO-Ant2-6185

NTNV-11AX160MIMO-Ant1-6345

NTNV-11AX160MIMO-Ant2-6345

NTNV-11AX160MIMO-Ant1-6505

NTNV-11AX160MIMO-Ant2-6505

NTNV-11AX160MIMO-Ant1-6665

NTNV-11AX160MIMO-Ant2-6665

NTNV-11AX160MIMO-Ant1-6825

NTNV-11AX160MIMO-Ant2-6825

NTNV-11AX160MIMO-Ant1-6985

NTNV-11AX160MIMO-Ant2-6985

Appendix C: Maximum conducted output power

Test Resul

Test Mode	Antenna	Frequency [MHz]	Channel Powert [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11AX80MIMO	Ant1	5985	-0.43	18.30	7.38	6.95	-0.25	6.70	≤24.00	PASS
11AX80MIMO	Ant2	5985	-0.36	18.30	7.38	7.02	-0.25	6.77	≤24.00	PASS
11AX80MIMO	total	5985	---	---	---	10.00	---	9.75	≤24.00	PASS
11AX80MIMO	Ant1	6145	-2.18	18.18	7.40	5.22	-0.25	4.97	≤24.00	PASS
11AX80MIMO	Ant2	6145	-0.46	18.30	7.38	6.92	-0.25	6.67	≤24.00	PASS
11AX80MIMO	total	6145	---	---	---	9.16	---	8.91	≤24.00	PASS
11AX80MIMO	Ant1	6385	-1.14	18.30	7.38	6.25	-0.25	6.00	≤24.00	PASS
11AX80MIMO	Ant2	6385	-3.39	18.30	7.38	3.99	-0.25	3.74	≤24.00	PASS
11AX80MIMO	total	6385	---	---	---	8.28	---	8.03	≤24.00	PASS
11AX80MIMO	Ant1	6465	-2.97	18.30	7.38	4.41	-0.25	4.16	≤24.00	PASS
11AX80MIMO	Ant2	6465	-0.16	18.30	7.38	7.22	-0.25	6.97	≤24.00	PASS
11AX80MIMO	total	6465	---	---	---	9.05	---	8.80	≤24.00	PASS
11AX80MIMO	Ant1	6545	-0.24	18.18	7.40	7.16	-0.25	6.91	≤24.00	PASS
11AX80MIMO	Ant2	6545	0.91	18.30	7.38	8.29	-0.25	8.04	≤24.00	PASS
11AX80MIMO	total	6545	---	---	---	10.77	---	10.52	≤24.00	PASS
11AX80MIMO	Ant1	6625	0.04	18.30	7.38	7.42	-0.25	7.17	≤24.00	PASS
11AX80MIMO	Ant2	6625	-1.11	18.30	7.38	6.27	-0.25	6.02	≤24.00	PASS
11AX80MIMO	total	6625	---	---	---	9.89	---	9.64	≤24.00	PASS
11AX80MIMO	Ant1	6705	0.46	18.30	7.38	7.84	-0.25	7.59	≤24.00	PASS
11AX80MIMO	Ant2	6705	-1.95	18.30	7.38	5.43	-0.25	5.18	≤24.00	PASS
11AX80MIMO	total	6705	---	---	---	9.81	---	9.56	≤24.00	PASS
11AX80MIMO	Ant1	6785	0.62	17.65	7.53	8.15	-0.25	7.90	≤24.00	PASS
11AX80MIMO	Ant2	6785	-1.13	18.30	7.38	6.25	-0.25	6.00	≤24.00	PASS
11AX80MIMO	total	6785	---	---	---	10.31	---	10.06	≤24.00	PASS
11AX80MIMO	Ant1	6865	1.36	18.30	7.38	8.74	-0.25	8.49	≤24.00	PASS
11AX80MIMO	Ant2	6865	1.55	18.30	7.38	8.93	-0.25	8.68	≤24.00	PASS
11AX80MIMO	total	6865	---	---	---	11.85	---	11.60	≤24.00	PASS
11AX80MIMO	Ant1	6945	1.41	18.18	7.40	8.81	-0.25	8.56	≤24.00	PASS
11AX80MIMO	Ant2	6945	0.17	18.30	7.38	7.55	-0.25	7.30	≤24.00	PASS
11AX80MIMO	total	6945	---	---	---	11.24	---	10.99	≤24.00	PASS
11AX80MIMO	Ant1	7025	1.84	18.30	7.38	9.22	-0.25	8.97	≤24.00	PASS
11AX80MIMO	Ant2	7025	-0.51	18.30	7.38	6.87	-0.25	6.62	≤24.00	PASS
11AX80MIMO	total	7025	---	---	---	11.21	---	10.96	≤24.00	PASS
11AX40MIMO	Ant1	5965	2.53	29.38	5.32	7.85	-0.25	7.60	≤24.00	PASS
11AX40MIMO	Ant2	5965	1.67	29.38	5.32	6.99	-0.25	6.74	≤24.00	PASS
11AX40MIMO	total	5965	---	---	---	10.45	---	10.20	≤24.00	PASS
11AX40MIMO	Ant1	6165	0.45	31.15	5.07	5.52	-0.25	5.27	≤24.00	PASS
11AX40MIMO	Ant2	6165	1.66	31.15	5.07	6.73	-0.25	6.48	≤24.00	PASS
11AX40MIMO	total	6165	---	---	---	9.18	---	8.93	≤24.00	PASS
11AX40MIMO	Ant1	6405	2.10	31.15	5.07	7.17	-0.25	6.92	≤24.00	PASS
11AX40MIMO	Ant2	6405	-1.11	31.15	5.07	3.96	-0.25	3.71	≤24.00	PASS
11AX40MIMO	total	6405	---	---	---	8.87	---	8.62	≤24.00	PASS
11AX40MIMO	Ant1	6445	2.01	31.32	5.04	7.05	-0.25	6.80	≤24.00	PASS
11AX40MIMO	Ant2	6445	-1.27	31.69	4.99	3.72	-0.25	3.47	≤24.00	PASS
11AX40MIMO	total	6445	---	---	---	8.71	---	8.46	≤24.00	PASS
11AX40MIMO	Ant1	6485	1.05	31.32	5.04	6.09	-0.25	5.84	≤24.00	PASS
11AX40MIMO	Ant2	6485	0.41	31.32	5.04	5.45	-0.25	5.20	≤24.00	PASS
11AX40MIMO	total	6485	---	---	---	8.79	---	8.54	≤24.00	PASS
11AX40MIMO	Ant1	6525	0.95	31.15	5.07	6.02	-0.25	5.77	≤24.00	PASS

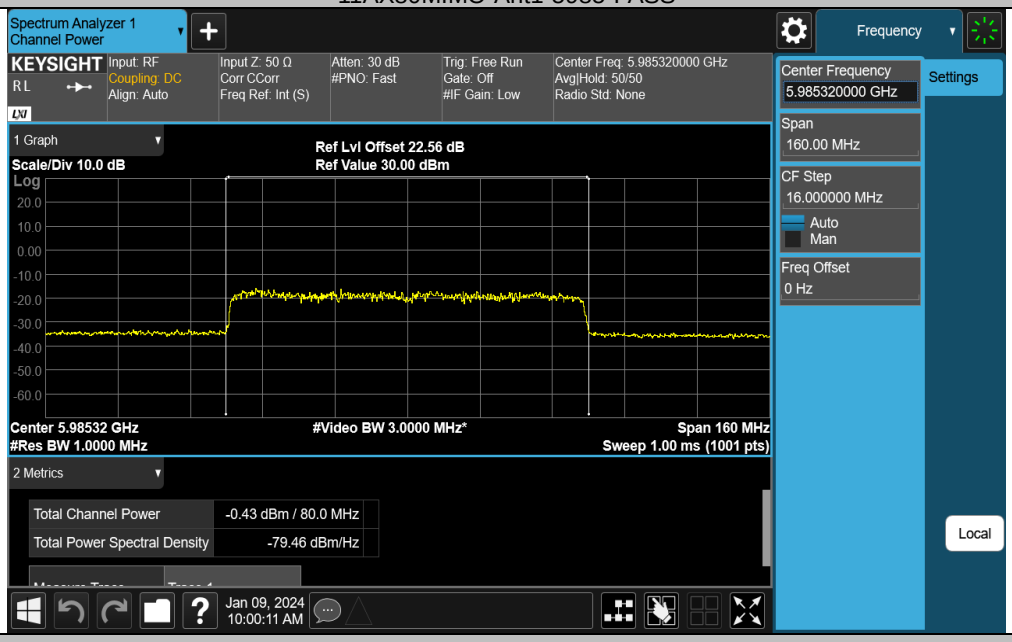
11AX40MIMO	Ant2	6525	1.71	31.15	5.07	6.78	-0.25	6.53	≤24.00	PASS
11AX40MIMO	total	6525	---	---	---	9.43	---	9.18	≤24.00	PASS
11AX40MIMO	Ant1	6565	0.39	31.32	5.04	5.43	-0.25	5.18	≤24.00	PASS
11AX40MIMO	Ant2	6565	0.53	31.15	5.07	5.60	-0.25	5.35	≤24.00	PASS
11AX40MIMO	total	6565	---	---	---	8.53	---	8.28	≤24.00	PASS
11AX40MIMO	Ant1	6685	0.23	31.15	5.07	5.30	-0.25	5.05	≤24.00	PASS
11AX40MIMO	Ant2	6685	-1.34	31.15	5.07	3.73	-0.25	3.48	≤24.00	PASS
11AX40MIMO	total	6685	---	---	---	7.60	---	7.35	≤24.00	PASS
11AX40MIMO	Ant1	6845	1.78	31.15	5.07	6.85	-0.25	6.60	≤24.00	PASS
11AX40MIMO	Ant2	6845	1.34	31.32	5.04	6.38	-0.25	6.13	≤24.00	PASS
11AX40MIMO	total	6845	---	---	---	9.63	---	9.38	≤24.00	PASS
11AX40MIMO	Ant1	6885	1.82	28.81	5.40	7.22	-0.25	6.97	≤24.00	PASS
11AX40MIMO	Ant2	6885	2.68	28.81	5.40	8.08	-0.25	7.83	≤24.00	PASS
11AX40MIMO	total	6885	---	---	---	10.68	---	10.43	≤24.00	PASS
11AX40MIMO	Ant1	6925	1.01	29.38	5.32	6.33	-0.25	6.08	≤24.00	PASS
11AX40MIMO	Ant2	6925	0.53	29.38	5.32	5.85	-0.25	5.60	≤24.00	PASS
11AX40MIMO	total	6925	---	---	---	9.11	---	8.86	≤24.00	PASS
11AX40MIMO	Ant1	6965	1.37	29.21	5.34	6.71	-0.25	6.46	≤24.00	PASS
11AX40MIMO	Ant2	6965	0.41	29.38	5.32	5.73	-0.25	5.48	≤24.00	PASS
11AX40MIMO	total	6965	---	---	---	9.26	---	9.01	≤24.00	PASS
11AX40MIMO	Ant1	7085	1.96	29.21	5.34	7.30	-0.25	7.05	≤24.00	PASS
11AX40MIMO	Ant2	7085	-0.01	29.38	5.32	5.31	-0.25	5.06	≤24.00	PASS
11AX40MIMO	total	7085	---	---	---	9.43	---	9.18	≤24.00	PASS
11AX20MIMO	Ant1	5955	0.58	44.20	3.55	4.13	-0.25	3.88	≤24.00	PASS
11AX20MIMO	Ant2	5955	5.11	44.20	3.55	8.66	-0.25	8.41	≤24.00	PASS
11AX20MIMO	total	5955	---	---	---	9.97	---	9.72	≤24.00	PASS
11AX20MIMO	Ant1	6175	-1.71	44.20	3.55	1.84	-0.25	1.59	≤24.00	PASS
11AX20MIMO	Ant2	6175	0.42	44.00	3.57	3.99	-0.25	3.74	≤24.00	PASS
11AX20MIMO	total	6175	---	---	---	6.06	---	5.81	≤24.00	PASS
11AX20MIMO	Ant1	6415	0.04	36.26	4.41	4.45	-0.25	4.20	≤24.00	PASS
11AX20MIMO	Ant2	6415	-2.59	44.20	3.55	0.96	-0.25	0.71	≤24.00	PASS
11AX20MIMO	total	6415	---	---	---	6.06	---	5.81	≤24.00	PASS
11AX20MIMO	Ant1	6435	3.71	44.20	3.55	7.26	-0.25	7.01	≤24.00	PASS
11AX20MIMO	Ant2	6435	1.72	44.20	3.55	5.27	-0.25	5.02	≤24.00	PASS
11AX20MIMO	total	6435	---	---	---	9.39	---	9.14	≤24.00	PASS
11AX20MIMO	Ant1	6475	3.79	44.20	3.55	7.34	-0.25	7.09	≤24.00	PASS
11AX20MIMO	Ant2	6475	3.14	44.20	3.55	6.69	-0.25	6.44	≤24.00	PASS
11AX20MIMO	total	6475	---	---	---	10.04	---	9.79	≤24.00	PASS
11AX20MIMO	Ant1	6515	1.30	44.00	3.57	4.87	-0.25	4.62	≤24.00	PASS
11AX20MIMO	Ant2	6515	2.66	44.20	3.55	6.21	-0.25	5.96	≤24.00	PASS
11AX20MIMO	total	6515	---	---	---	8.60	---	8.35	≤24.00	PASS
11AX20MIMO	Ant1	6535	2.62	44.20	3.55	6.17	-0.25	5.92	≤24.00	PASS
11AX20MIMO	Ant2	6535	3.20	44.20	3.55	6.75	-0.25	6.50	≤24.00	PASS
11AX20MIMO	total	6535	---	---	---	9.48	---	9.23	≤24.00	PASS
11AX20MIMO	Ant1	6695	2.83	44.20	3.55	6.38	-0.25	6.13	≤24.00	PASS
11AX20MIMO	Ant2	6695	0.54	44.20	3.55	4.09	-0.25	3.84	≤24.00	PASS
11AX20MIMO	total	6695	---	---	---	8.39	---	8.14	≤24.00	PASS
11AX20MIMO	Ant1	6855	3.61	51.91	2.85	6.46	-0.25	6.21	≤24.00	PASS
11AX20MIMO	Ant2	6855	2.98	52.11	2.83	5.81	-0.25	5.56	≤24.00	PASS
11AX20MIMO	total	6855	---	---	---	9.16	---	8.91	≤24.00	PASS
11AX20MIMO	Ant1	6875	3.38	52.11	2.83	6.21	-0.25	5.96	≤24.00	PASS
11AX20MIMO	Ant2	6875	3.79	51.91	2.85	6.64	-0.25	6.39	≤24.00	PASS
11AX20MIMO	total	6875	---	---	---	9.44	---	9.19	≤24.00	PASS
11AX20MIMO	Ant1	6895	2.97	52.11	2.83	5.80	-0.25	5.55	≤24.00	PASS
11AX20MIMO	Ant2	6895	3.23	51.91	2.85	6.08	-0.25	5.83	≤24.00	PASS
11AX20MIMO	total	6895	---	---	---	8.95	---	8.70	≤24.00	PASS
11AX20MIMO	Ant1	6995	3.38	52.11	2.83	6.21	-0.25	5.96	≤24.00	PASS
11AX20MIMO	Ant2	6995	1.43	52.11	2.83	4.26	-0.25	4.01	≤24.00	PASS
11AX20MIMO	total	6995	---	---	---	8.35	---	8.10	≤24.00	PASS

11AX20MIMO	Ant1	7115	2.84	52.11	2.83	5.67	-0.25	5.42	≤24.00	PASS
11AX20MIMO	Ant2	7115	2.39	51.91	2.85	5.24	-0.25	4.99	≤24.00	PASS
11AX20MIMO	total	7115	---	---	---	8.47	---	8.22	≤24.00	PASS
11AX160MIMO	Ant1	6025	-1.32	11.27	9.48	8.16	-0.25	7.91	≤24.00	PASS
11AX160MIMO	Ant2	6025	-1.79	11.27	9.48	7.70	-0.25	7.45	≤24.00	PASS
11AX160MIMO	total	6025	---	---	---	10.95	---	10.70	≤24.00	PASS
11AX160MIMO	Ant1	6185	-2.40	11.27	9.48	7.08	-0.25	6.83	≤24.00	PASS
11AX160MIMO	Ant2	6185	-1.55	11.97	9.22	7.67	-0.25	7.42	≤24.00	PASS
11AX160MIMO	total	6185	---	---	---	10.40	---	10.15	≤24.00	PASS
11AX160MIMO	Ant1	6345	-2.73	11.97	9.22	6.49	-0.25	6.24	≤24.00	PASS
11AX160MIMO	Ant2	6345	-3.57	11.27	9.48	5.91	-0.25	5.66	≤24.00	PASS
11AX160MIMO	total	6345	---	---	---	9.22	---	8.97	≤24.00	PASS
11AX160MIMO	Ant1	6505	-3.30	11.27	9.48	6.18	-0.25	5.93	≤24.00	PASS
11AX160MIMO	Ant2	6505	-2.82	11.27	9.48	6.66	-0.25	6.41	≤24.00	PASS
11AX160MIMO	total	6505	---	---	---	9.44	---	9.19	≤24.00	PASS
11AX160MIMO	Ant1	6665	-1.86	11.27	9.48	7.62	-0.25	7.37	≤24.00	PASS
11AX160MIMO	Ant2	6665	-3.60	11.97	9.22	5.62	-0.25	5.37	≤24.00	PASS
11AX160MIMO	total	6665	---	---	---	9.74	---	9.49	≤24.00	PASS
11AX160MIMO	Ant1	6825	-1.13	11.27	9.48	8.35	-0.25	8.10	≤24.00	PASS
11AX160MIMO	Ant2	6825	-1.15	11.27	9.48	8.33	-0.25	8.08	≤24.00	PASS
11AX160MIMO	total	6825	---	---	---	11.35	---	11.10	≤24.00	PASS
11AX160MIMO	Ant1	6985	3.37	34.55	4.62	7.99	-0.25	7.74	≤24.00	PASS
11AX160MIMO	Ant2	6985	1.71	34.38	4.64	6.35	-0.25	6.10	≤24.00	PASS
11AX160MIMO	total	6985	---	---	---	10.26	---	10.01	≤24.00	PASS

Note：The Duty Cycle Factor is compensated in the graph.

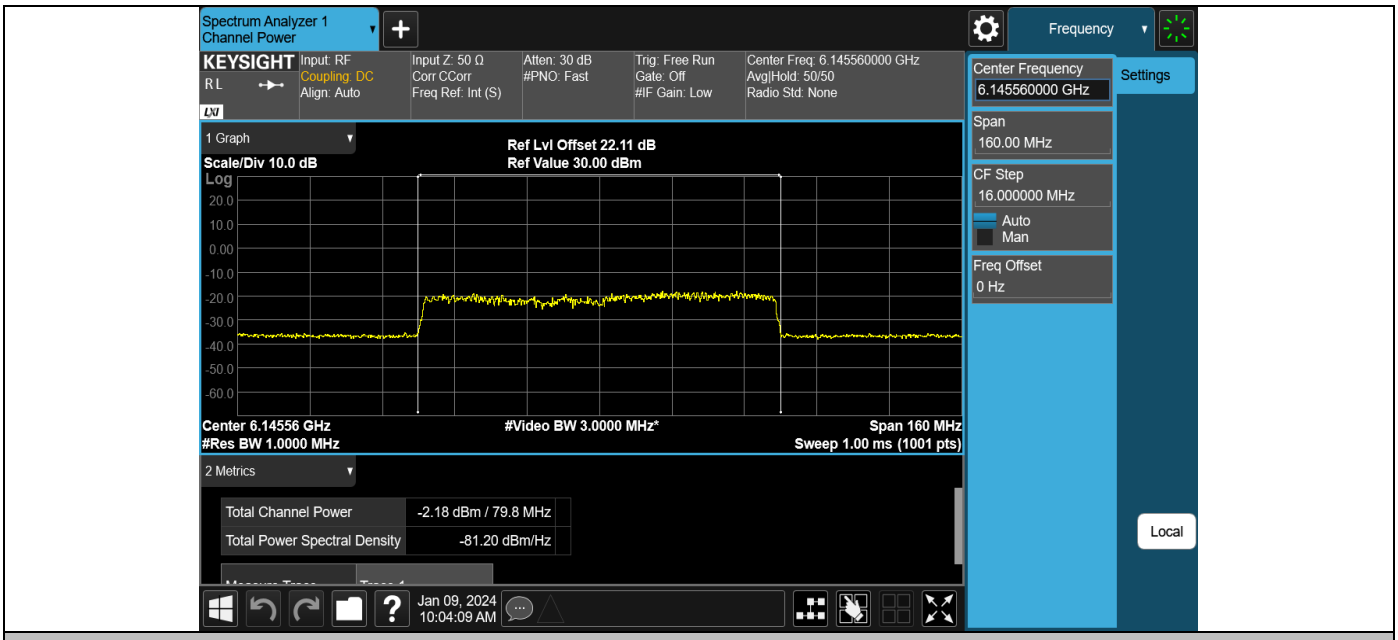
Test Graphs

11AX80MIMO-Ant1-5985-PASS



11AX80MIMO-Ant2-5985-PASS

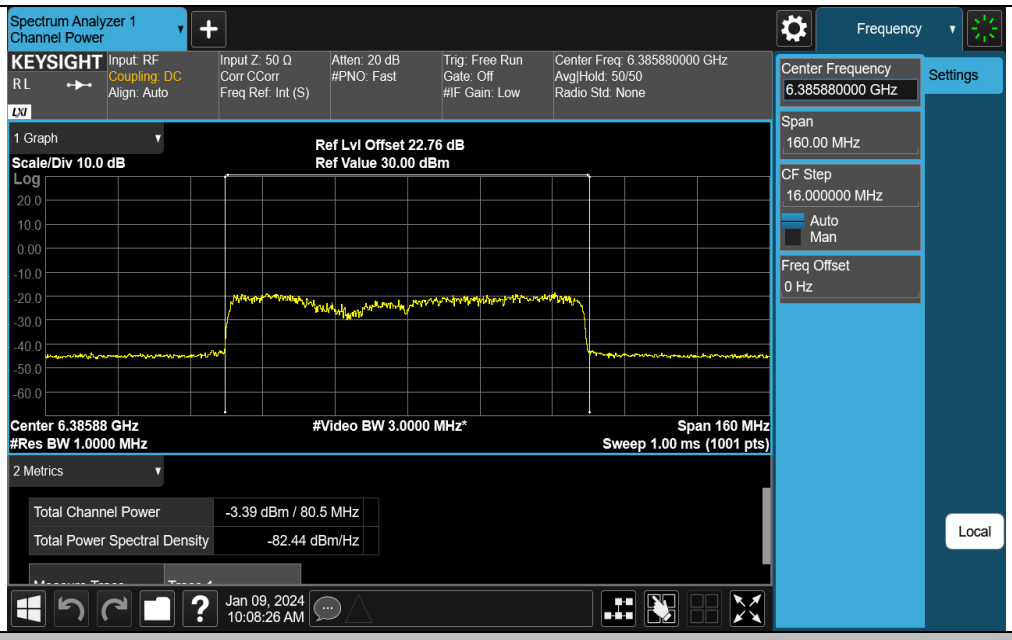
11AX80MIMO-Ant1-6145-PASS



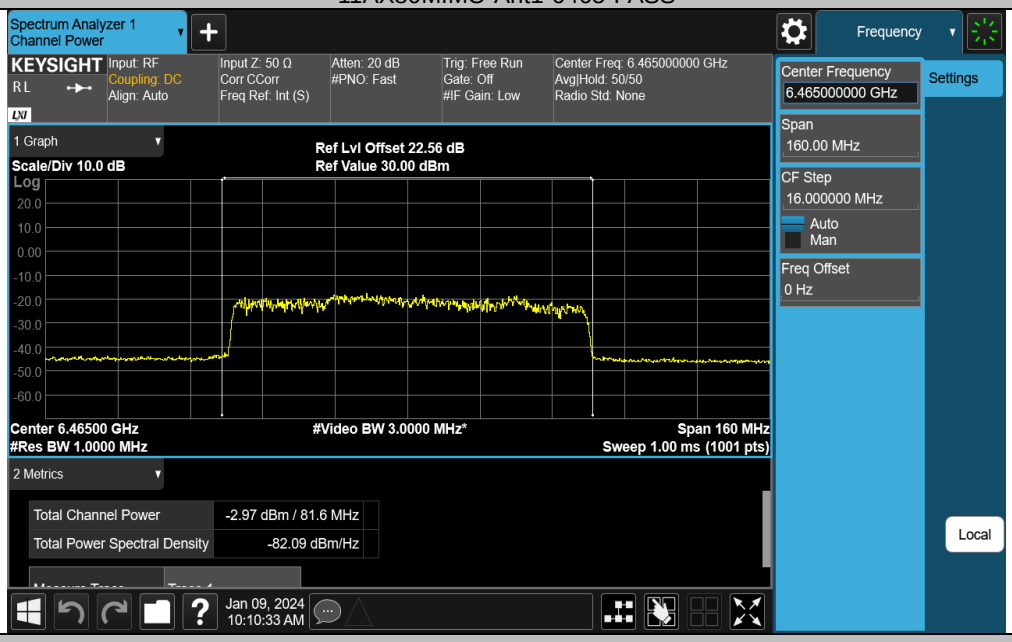
11AX80MIMO-Ant2-6145-PASS

11AX80MIMO-Ant1-6385-PASS

11AX80MIMO-Ant2-6385-PASS



11AX80MIMO-Ant1-6465-PASS



11AX80MIMO-Ant2-6465-PASS

11AX80MIMO-Ant1-6545-PASS