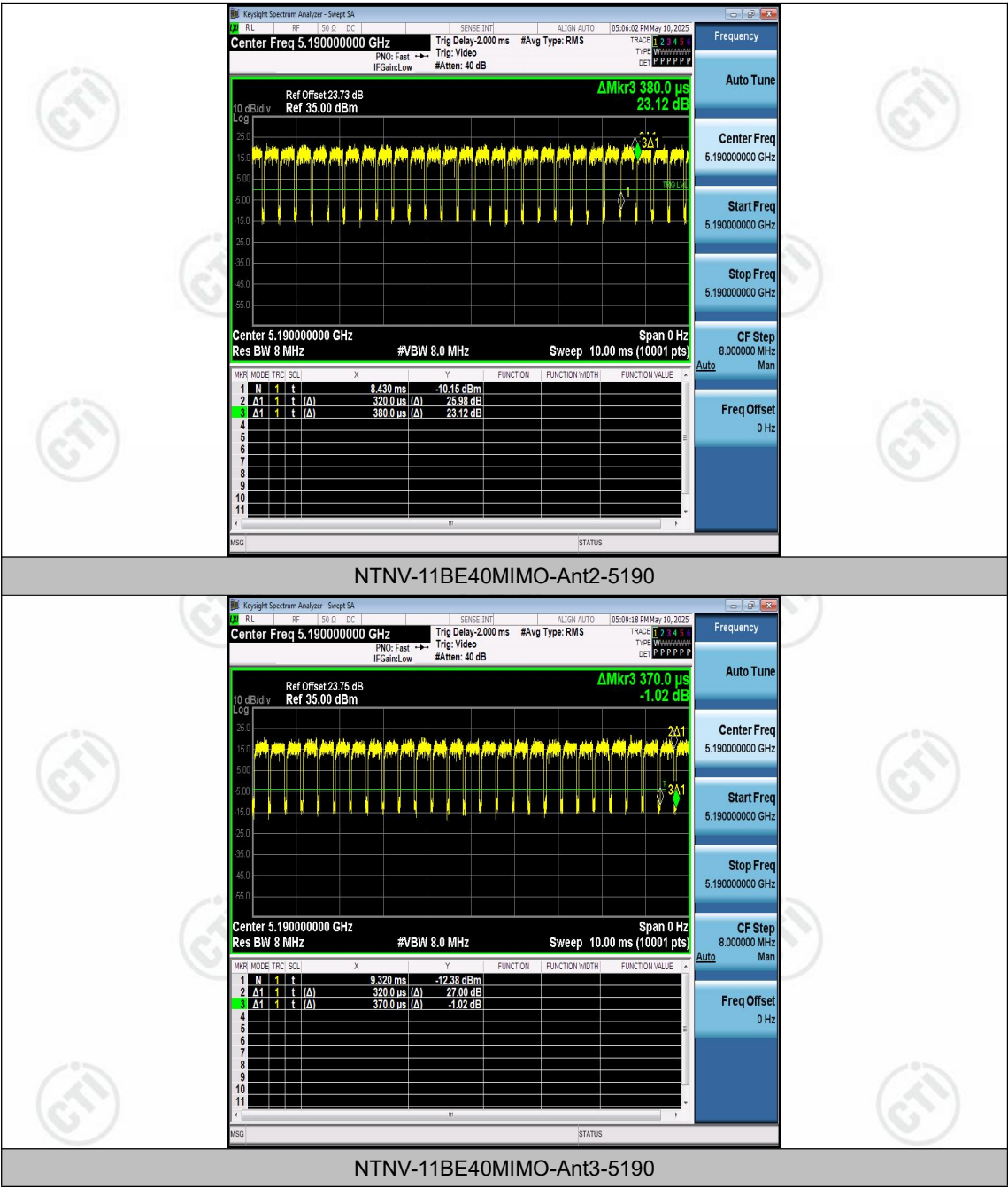
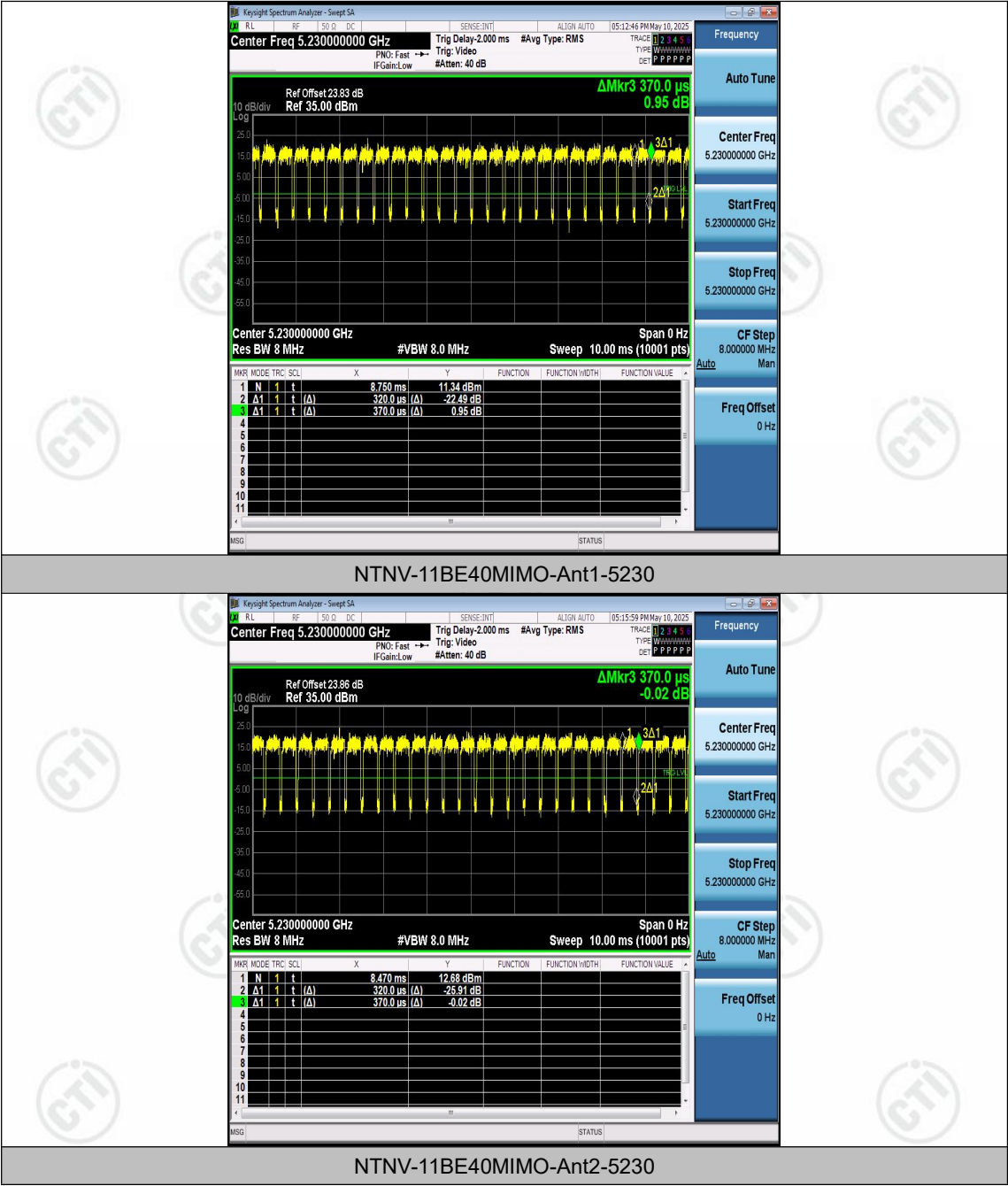
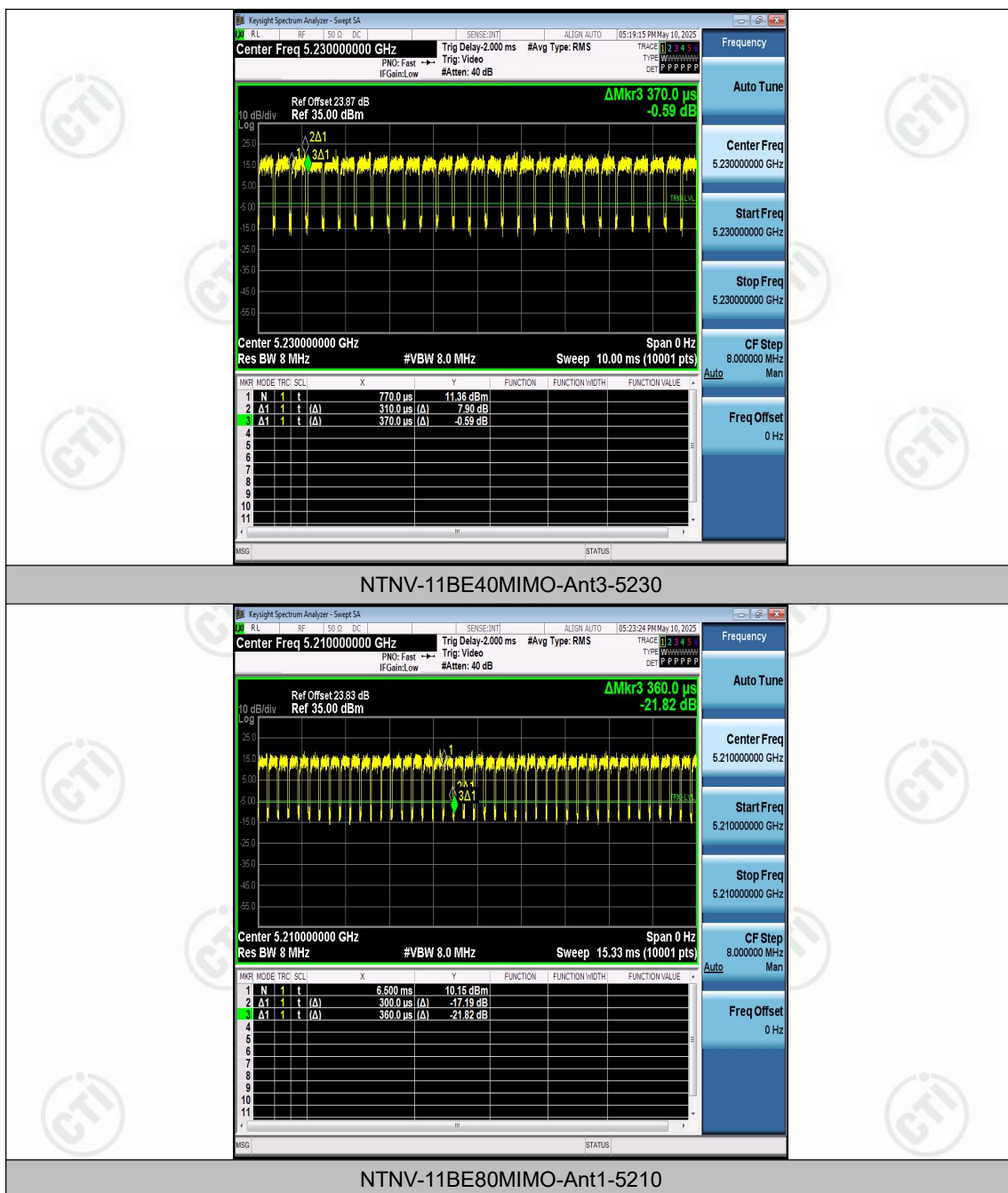
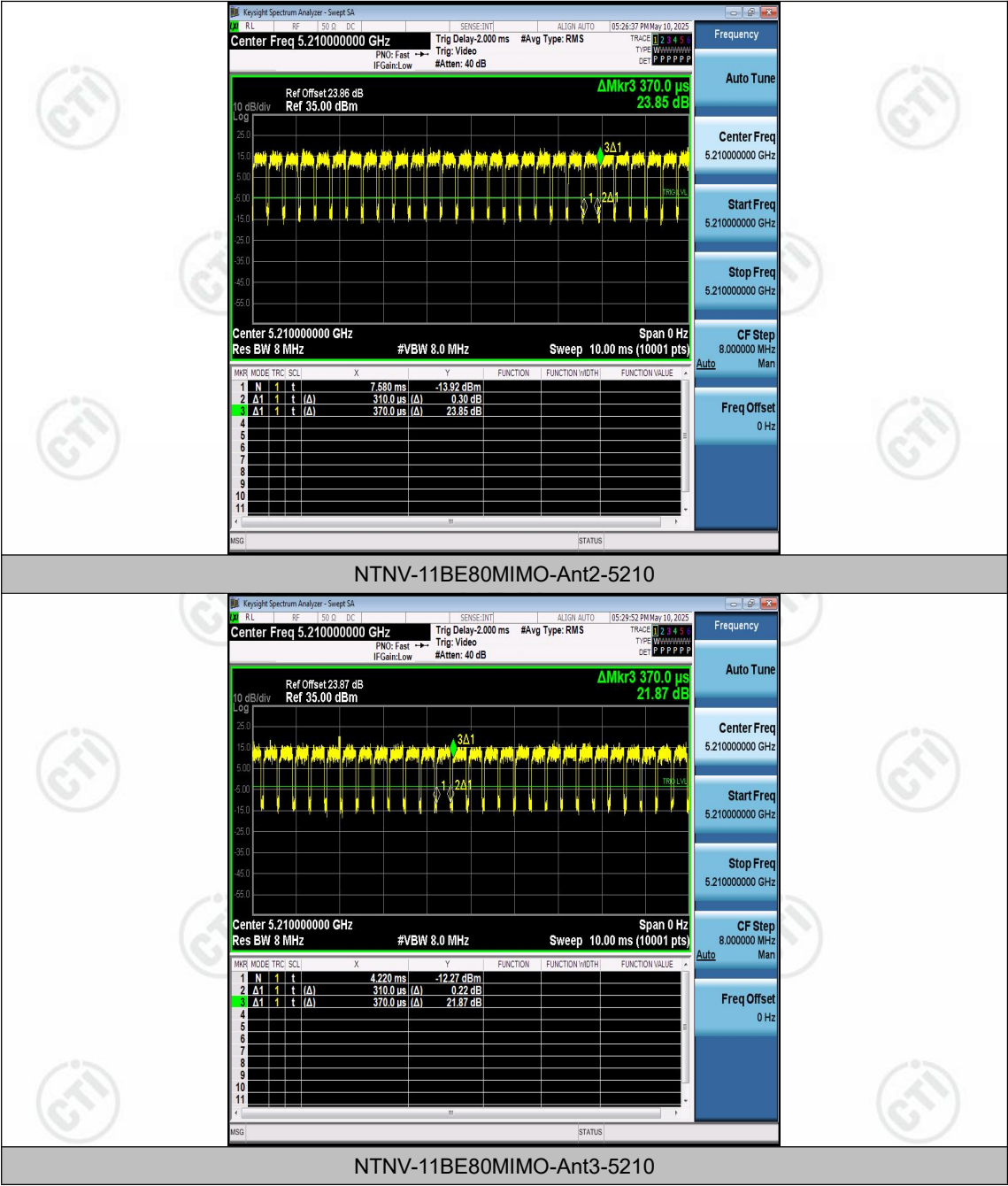
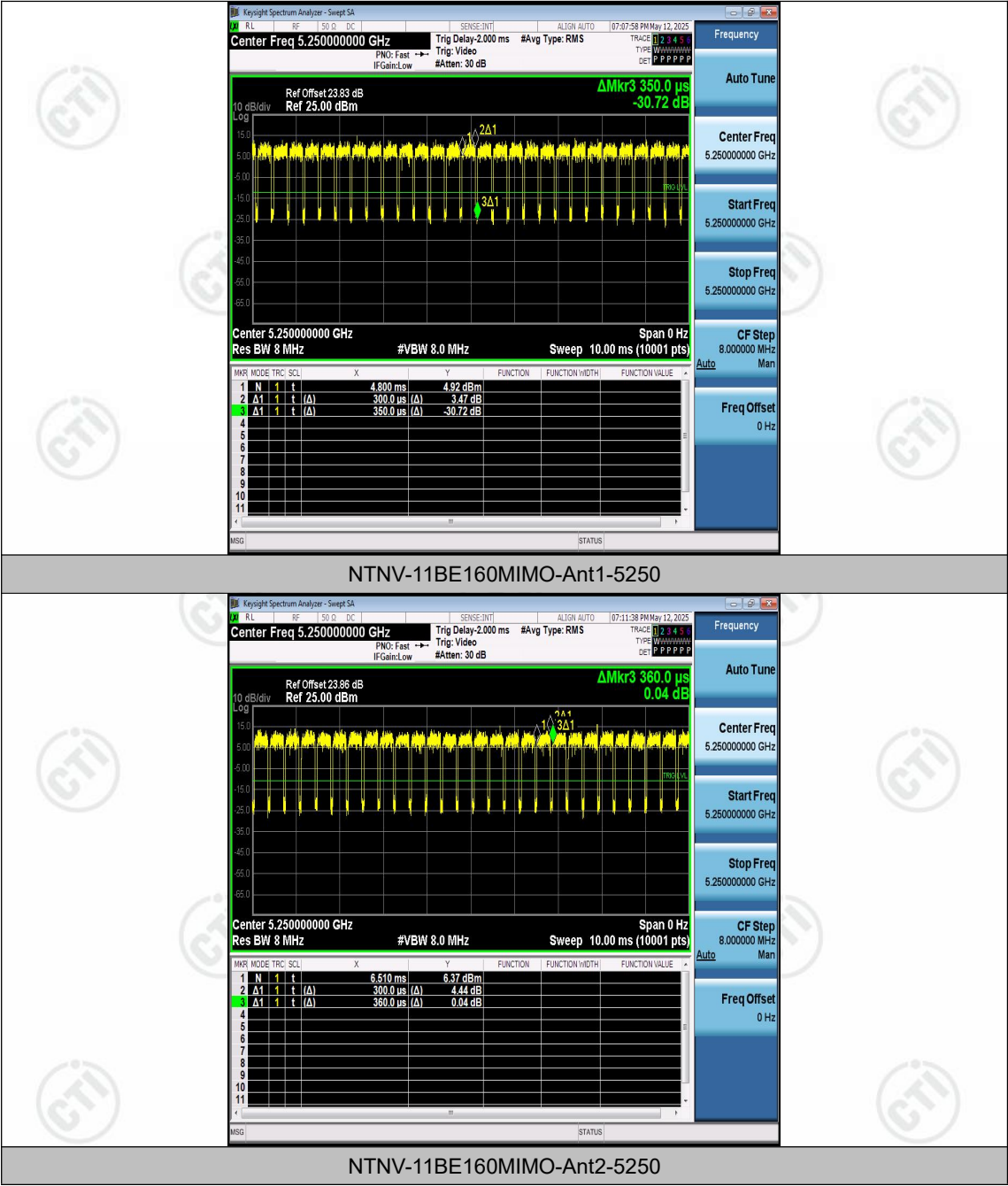


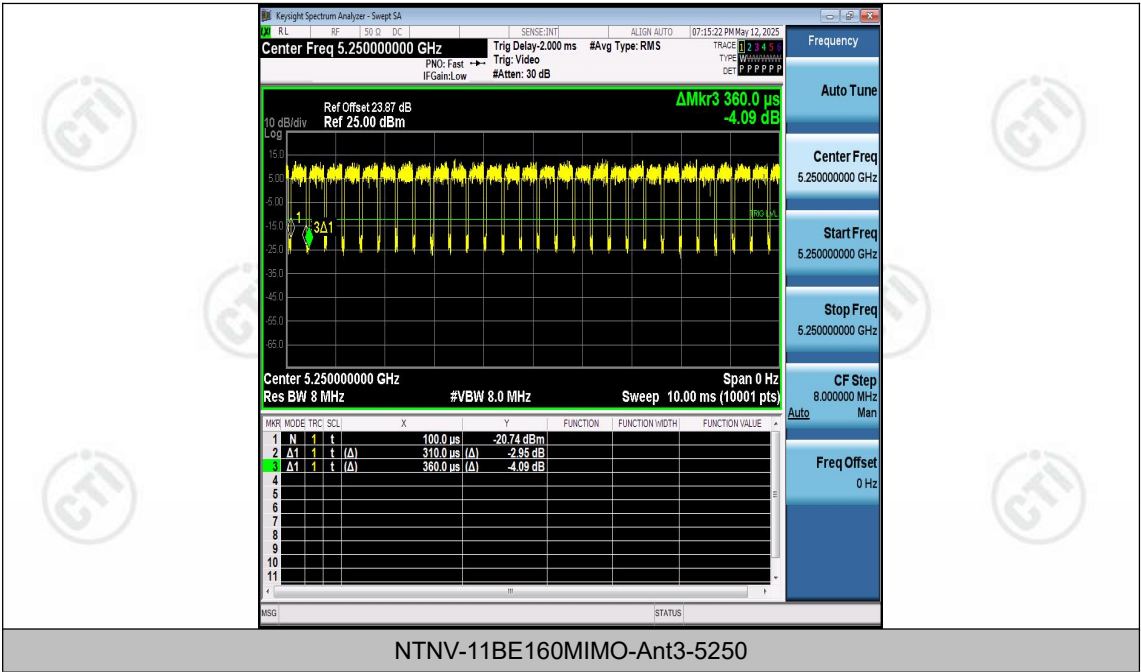












NTNV-11BE160MIMO-Ant3-5250

Appendix C: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Frequency[MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11A	Ant1	5180	21.55	95.86	0.18	21.73	≤30.00	3.86	25.59	---	PASS
11A	Ant2	5180	21.25	95.86	0.18	21.43	≤30.00	3.49	24.92	---	PASS
11A	Ant3	5180	21.21	95.86	0.18	21.39	≤30.00	3.64	25.03	---	PASS
11A	Ant1	5220	21.22	95.86	0.18	21.40	≤30.00	3.86	25.26	---	PASS
11A	Ant2	5220	21.33	95.21	0.21	21.54	≤30.00	3.49	25.03	---	PASS
11A	Ant3	5220	20.96	95.86	0.18	21.14	≤30.00	3.64	24.78	---	PASS
11A	Ant1	5240	20.82	95.86	0.18	21.00	≤30.00	3.86	24.86	---	PASS
11A	Ant2	5240	20.87	95.89	0.18	21.05	≤30.00	3.49	24.54	---	PASS
11A	Ant3	5240	20.52	95.21	0.21	20.73	≤30.00	3.64	24.37	---	PASS
11N20MIMO	Ant1	5180	16.88	85.71	0.67	17.55	≤30.00	3.86	21.41	---	PASS
11N20MIMO	Ant2	5180	16.86	83.72	0.77	17.63	≤30.00	3.49	21.12	---	PASS
11N20MIMO	Ant3	5180	15.99	85.71	0.67	16.66	≤30.00	3.64	20.30	---	PASS
11N20MIMO	total	5180	---	---	---	22.07	≤30.00	---	25.74	---	PASS
11N20MIMO	Ant1	5220	16.71	83.72	0.77	17.48	≤30.00	3.86	21.34	---	PASS
11N20MIMO	Ant2	5220	17.05	85.71	0.67	17.72	≤30.00	3.49	21.21	---	PASS
11N20MIMO	Ant3	5220	15.86	85.71	0.67	16.53	≤30.00	3.64	20.17	---	PASS
11N20MIMO	total	5220	---	---	---	22.04	≤30.00	---	25.71	---	PASS
11N20MIMO	Ant1	5240	16.92	83.72	0.77	17.69	≤30.00	3.86	21.55	---	PASS
11N20MIMO	Ant2	5240	17.34	85.71	0.67	18.01	≤30.00	3.49	21.50	---	PASS
11N20MIMO	Ant3	5240	15.99	85.71	0.67	16.66	≤30.00	3.64	20.30	---	PASS
11N20MIMO	total	5240	---	---	---	22.26	≤30.00	---	25.93	---	PASS
11N40MIMO	Ant1	5190	17.06	76.92	1.14	18.20	≤30.00	3.86	22.06	---	PASS
11N40MIMO	Ant2	5190	17.30	73.08	1.36	18.66	≤30.00	3.49	22.15	---	PASS
11N40MIMO	Ant3	5190	16.24	76.00	1.19	17.43	≤30.00	3.64	21.07	---	PASS
11N40MIMO	total	5190	---	---	---	22.90	≤30.00	---	26.56	---	PASS
11N40MIMO	Ant1	5230	16.73	76.00	1.19	17.92	≤30.00	3.86	21.78	---	PASS
11N40MIMO	Ant2	5230	17.06	76.00	1.19	18.25	≤30.00	3.49	21.74	---	PASS
11N40MIMO	Ant3	5230	15.65	76.00	1.19	16.84	≤30.00	3.64	20.48	---	PASS
11N40MIMO	total	5230	---	---	---	22.48	≤30.00	---	26.15	---	PASS
11AC20MIMO	Ant1	5180	17.78	94.93	0.23	18.01	≤30.00	3.86	21.87	---	PASS
11AC20MIMO	Ant2	5180	17.89	95.62	0.19	18.08	≤30.00	3.49	21.57	---	PASS
11AC20MIMO	Ant3	5180	17.12	94.93	0.23	17.35	≤30.00	3.64	20.99	---	PASS
11AC20MIMO	total	5180	---	---	---	22.60	≤30.00	---	26.26	---	PASS
11AC20MIMO	Ant1	5220	17.63	94.93	0.23	17.86	≤30.00	3.86	21.72	---	PASS

11AC20MIMO	Ant2	5220	18.04	94.93	0.23	18.27	≤30.00	3.49	21.76	---	PASS
11AC20MIMO	Ant3	5220	16.90	94.93	0.23	17.13	≤30.00	3.64	20.77	---	PASS
11AC20MIMO	total	5220	---	---	---	22.55	≤30.00	---	26.21	---	PASS
11AC20MIMO	Ant1	5240	17.35	95.65	0.19	17.54	≤30.00	3.86	21.40	---	PASS
11AC20MIMO	Ant2	5240	17.72	95.62	0.19	17.91	≤30.00	3.49	21.40	---	PASS
11AC20MIMO	Ant3	5240	16.58	95.62	0.19	16.77	≤30.00	3.64	20.41	---	PASS
11AC20MIMO	total	5240	---	---	---	22.20	≤30.00	---	25.87	---	PASS
11AC40MIMO	Ant1	5190	17.85	91.55	0.38	18.23	≤30.00	3.86	22.09	---	PASS
11AC40MIMO	Ant2	5190	18.03	91.55	0.38	18.41	≤30.00	3.49	21.90	---	PASS
11AC40MIMO	Ant3	5190	16.98	91.67	0.38	17.36	≤30.00	3.64	21.00	---	PASS
11AC40MIMO	total	5190	---	---	---	22.79	≤30.00	---	26.46	---	PASS
11AC40MIMO	Ant1	5230	17.51	91.55	0.38	17.89	≤30.00	3.86	21.75	---	PASS
11AC40MIMO	Ant2	5230	17.80	91.55	0.38	18.18	≤30.00	3.49	21.67	---	PASS
11AC40MIMO	Ant3	5230	16.75	90.28	0.44	17.19	≤30.00	3.64	20.83	---	PASS
11AC40MIMO	total	5230	---	---	---	22.54	≤30.00	---	26.21	---	PASS
11AC80MIMO	Ant2	5210	17.14	84.21	0.75	17.89	≤30.00	3.49	21.38	---	PASS
11AC80MIMO	Ant3	5210	16.11	84.21	0.75	16.86	≤30.00	3.64	20.50	---	PASS
11AC80MIMO	total	5210	---	---	---	22.28	≤30.00	---	25.95	---	PASS
11AC80MIMO	Ant1	5210	16.98	84.62	0.73	17.71	≤30.00	3.86	21.57	---	PASS
11AC160MIMO	Ant1	5250_UNII-1	16.39	75.00	1.25	17.64	≤30.00	4.15	21.79	---	PASS
11AC160MIMO	Ant2	5250_UNII-1	16.46	75.00	1.25	17.71	≤30.00	3.67	21.38	---	PASS
11AC160MIMO	Ant3	5250_UNII-1	15.66	75.00	1.25	16.91	≤30.00	3.77	20.68	---	PASS
11AC160MIMO	total	5250_UNII-1	---	---	---	22.21	≤30.00	---	26.08	---	PASS
11AX20MIMO	Ant1	5180	17.47	83.78	0.77	18.24	≤30.00	3.86	22.10	---	PASS
11AX20MIMO	Ant2	5180	17.51	83.78	0.77	18.28	≤30.00	3.49	21.77	---	PASS
11AX20MIMO	Ant3	5180	16.73	83.78	0.77	17.50	≤30.00	3.64	21.14	---	PASS
11AX20MIMO	total	5180	---	---	---	22.79	≤30.00	---	26.46	---	PASS
11AX20MIMO	Ant1	5220	17.37	83.78	0.77	18.14	≤30.00	3.86	22.00	---	PASS
11AX20MIMO	Ant2	5220	17.61	83.78	0.77	18.38	≤30.00	3.49	21.87	---	PASS
11AX20MIMO	Ant3	5220	16.55	83.78	0.77	17.32	≤30.00	3.64	20.96	---	PASS
11AX20MIMO	total	5220	---	---	---	22.74	≤30.00	---	26.41	---	PASS
11AX20MIMO	Ant1	5240	17.02	83.78	0.77	17.79	≤30.00	3.86	21.65	---	PASS
11AX20MIMO	Ant2	5240	17.28	83.78	0.77	18.05	≤30.00	3.49	21.54	---	PASS
11AX20MIMO	Ant3	5240	16.07	83.78	0.77	16.84	≤30.00	3.64	20.48	---	PASS
11AX20MIMO	total	5240	---	---	---	22.36	≤30.00	---	26.03	---	PASS
11AX40MIMO	Ant1	5190	17.74	86.11	0.65	18.39	≤30.00	3.86	22.25	---	PASS
11AX40MIMO	Ant2	5190	17.92	86.11	0.65	18.57	≤30.00	3.49	22.06	---	PASS
11AX40MIMO	Ant3	5190	16.96	86.11	0.65	17.61	≤30.00	3.64	21.25	---	PASS
11AX40MIMO	total	5190	---	---	---	22.98	≤30.00	---	26.65	---	PASS
11AX40MIMO	Ant1	5230	17.42	86.11	0.65	18.07	≤30.00	3.86	21.93	---	PASS
11AX40MIMO	Ant2	5230	17.75	83.78	0.77	18.52	≤30.00	3.49	22.01	---	PASS
11AX40MIMO	Ant3	5230	16.61	86.11	0.65	17.26	≤30.00	3.64	20.90	---	PASS

11AX40MIMO	total	5230	---	---	---	22.75	≤30.00	---	26.41	---	PASS
11AX80MIMO	Ant1	5210	17.19	83.33	0.79	17.98	≤30.00	3.86	21.84	---	PASS
11AX80MIMO	Ant2	5210	17.41	83.33	0.79	18.20	≤30.00	3.49	21.69	---	PASS
11AX80MIMO	Ant3	5210	16.38	83.33	0.79	17.17	≤30.00	3.64	20.81	---	PASS
11AX80MIMO	total	5210	---	---	---	22.58	≤30.00	---	26.24	---	PASS
11AX160MIMO	Ant1	5250_UNII-1	17.06	85.71	0.67	17.73	≤30.00	4.15	21.88	---	PASS
11AX160MIMO	Ant2	5250_UNII-1	17.07	85.71	0.67	17.74	≤30.00	3.67	21.41	---	PASS
11AX160MIMO	Ant3	5250_UNII-1	16.38	85.71	0.67	17.05	≤30.00	3.77	20.82	---	PASS
11AX160MIMO	total	5250_UNII-1	---	---	---	22.29	≤30.00	---	26.16	---	PASS
11BE20MIMO	Ant1	5180	17.48	84.21	0.75	18.23	≤30.00	3.86	22.09	---	PASS
11BE20MIMO	Ant2	5180	17.51	84.21	0.75	18.26	≤30.00	3.49	21.75	---	PASS
11BE20MIMO	Ant3	5180	16.77	81.58	0.88	17.65	≤30.00	3.64	21.29	---	PASS
11BE20MIMO	total	5180	---	---	---	22.83	≤30.00	---	26.49	---	PASS
11BE20MIMO	Ant1	5220	17.36	84.21	0.75	18.11	≤30.00	3.86	21.97	---	PASS
11BE20MIMO	Ant2	5220	17.74	84.21	0.75	18.49	≤30.00	3.49	21.98	---	PASS
11BE20MIMO	Ant3	5220	16.55	84.21	0.75	17.30	≤30.00	3.64	20.94	---	PASS
11BE20MIMO	total	5220	---	---	---	22.77	≤30.00	---	26.43	---	PASS
11BE20MIMO	Ant1	5240	17.01	84.21	0.75	17.76	≤30.00	3.86	21.62	---	PASS
11BE20MIMO	Ant2	5240	17.33	84.21	0.75	18.08	≤30.00	3.49	21.57	---	PASS
11BE20MIMO	Ant3	5240	16.19	84.21	0.75	16.94	≤30.00	3.64	20.58	---	PASS
11BE20MIMO	total	5240	---	---	---	22.39	≤30.00	---	26.05	---	PASS
11BE40MIMO	Ant1	5190	17.71	83.78	0.77	18.48	≤30.00	3.86	22.34	---	PASS
11BE40MIMO	Ant2	5190	17.72	84.21	0.75	18.47	≤30.00	3.49	21.96	---	PASS
11BE40MIMO	Ant3	5190	16.95	86.49	0.63	17.58	≤30.00	3.64	21.22	---	PASS
11BE40MIMO	total	5190	---	---	---	22.97	≤30.00	---	26.64	---	PASS
11BE40MIMO	Ant1	5230	17.32	86.49	0.63	17.95	≤30.00	3.86	21.81	---	PASS
11BE40MIMO	Ant2	5230	17.68	86.49	0.63	18.31	≤30.00	3.49	21.80	---	PASS
11BE40MIMO	Ant3	5230	16.54	83.78	0.77	17.31	≤30.00	3.64	20.95	---	PASS
11BE40MIMO	total	5230	---	---	---	22.65	≤30.00	---	26.31	---	PASS
11BE80MIMO	Ant1	5210	17.10	83.33	0.79	17.89	≤30.00	3.86	21.75	---	PASS
11BE80MIMO	Ant2	5210	17.27	83.78	0.77	18.04	≤30.00	3.49	21.53	---	PASS
11BE80MIMO	Ant3	5210	16.36	83.78	0.77	17.13	≤30.00	3.64	20.77	---	PASS
11BE80MIMO	total	5210	---	---	---	22.48	≤30.00	---	26.14	---	PASS
11BE160MIMO	Ant1	5250_UNII-1	17.03	85.71	0.67	17.70	≤30.00	4.15	21.85	---	PASS
11BE160MIMO	Ant2	5250_UNII-1	17.03	83.33	0.79	17.82	≤30.00	3.67	21.49	---	PASS
11BE160MIMO	Ant3	5250_UNII-1	16.44	86.11	0.65	17.09	≤30.00	3.77	20.86	---	PASS
11BE160MIMO	total	5250_UNII-1	---	---	---	22.32	≤30.00	---	26.19	---	PASS

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

Test Graphs Channel Power

