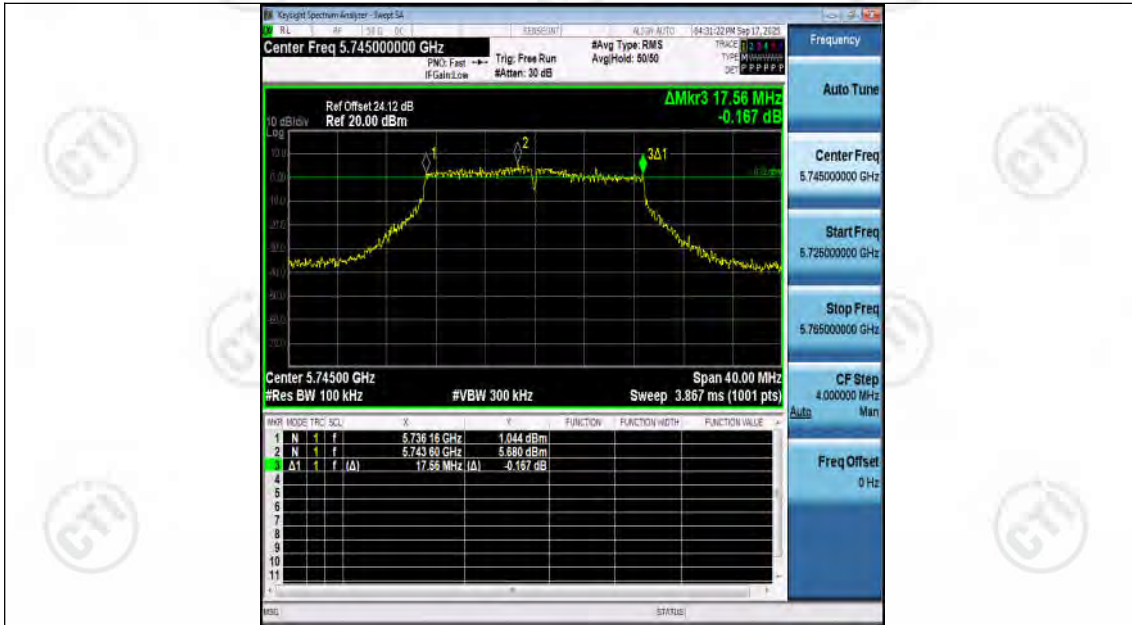




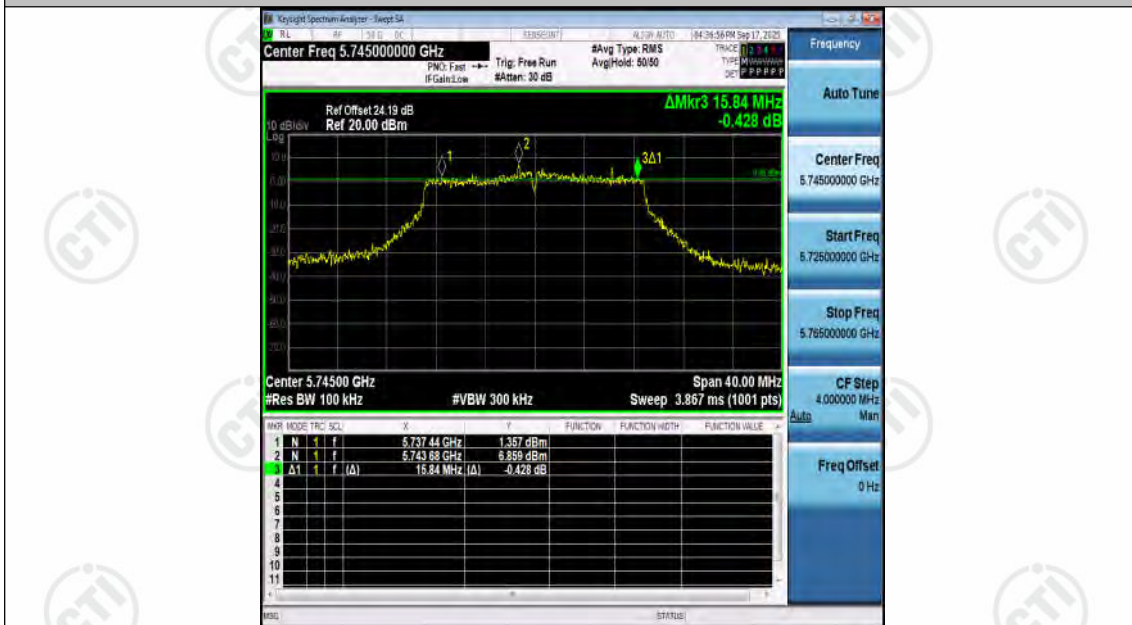
11N40MIMO-Ant1-5795-PASS



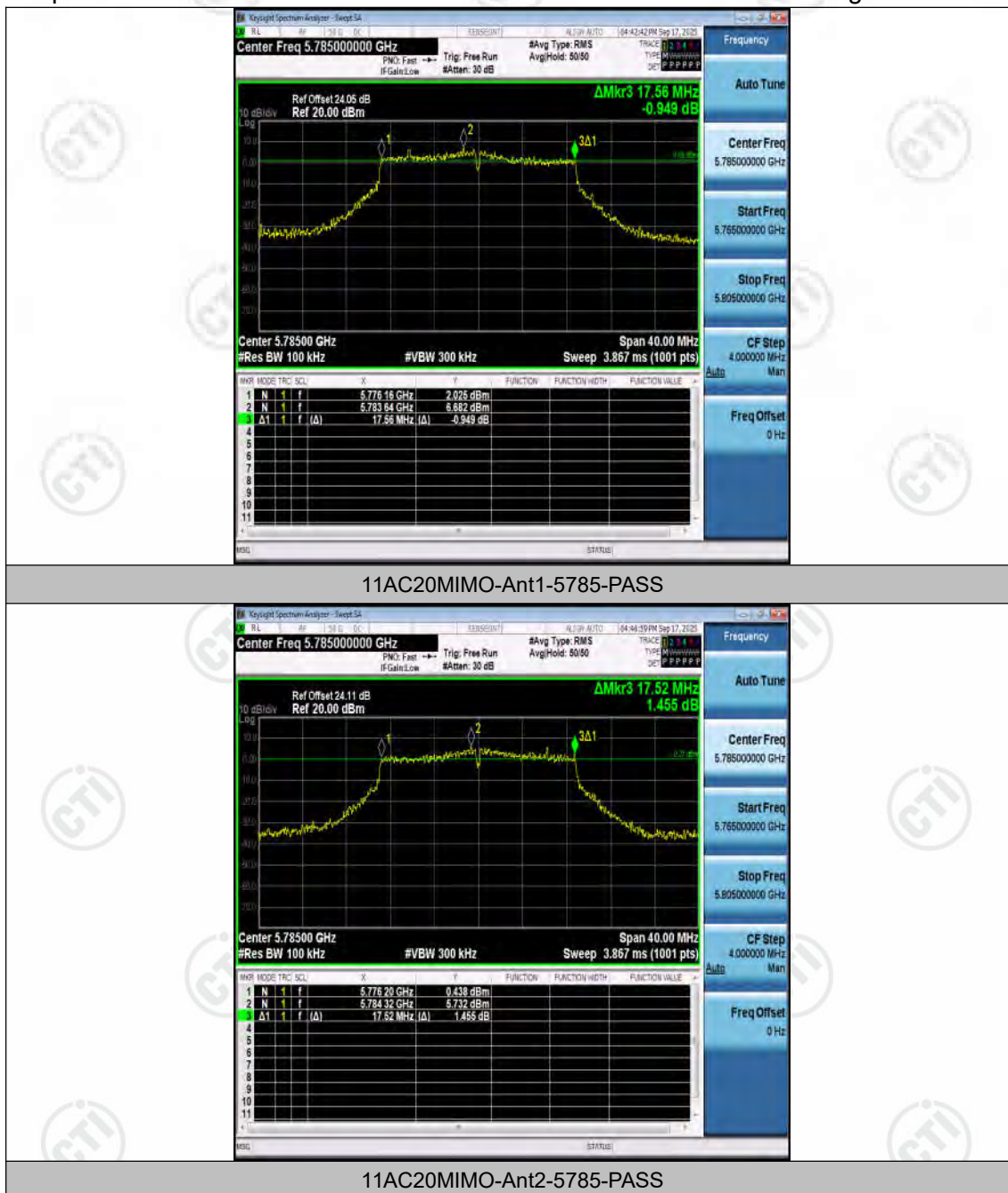
11N40MIMO-Ant2-5795-PASS

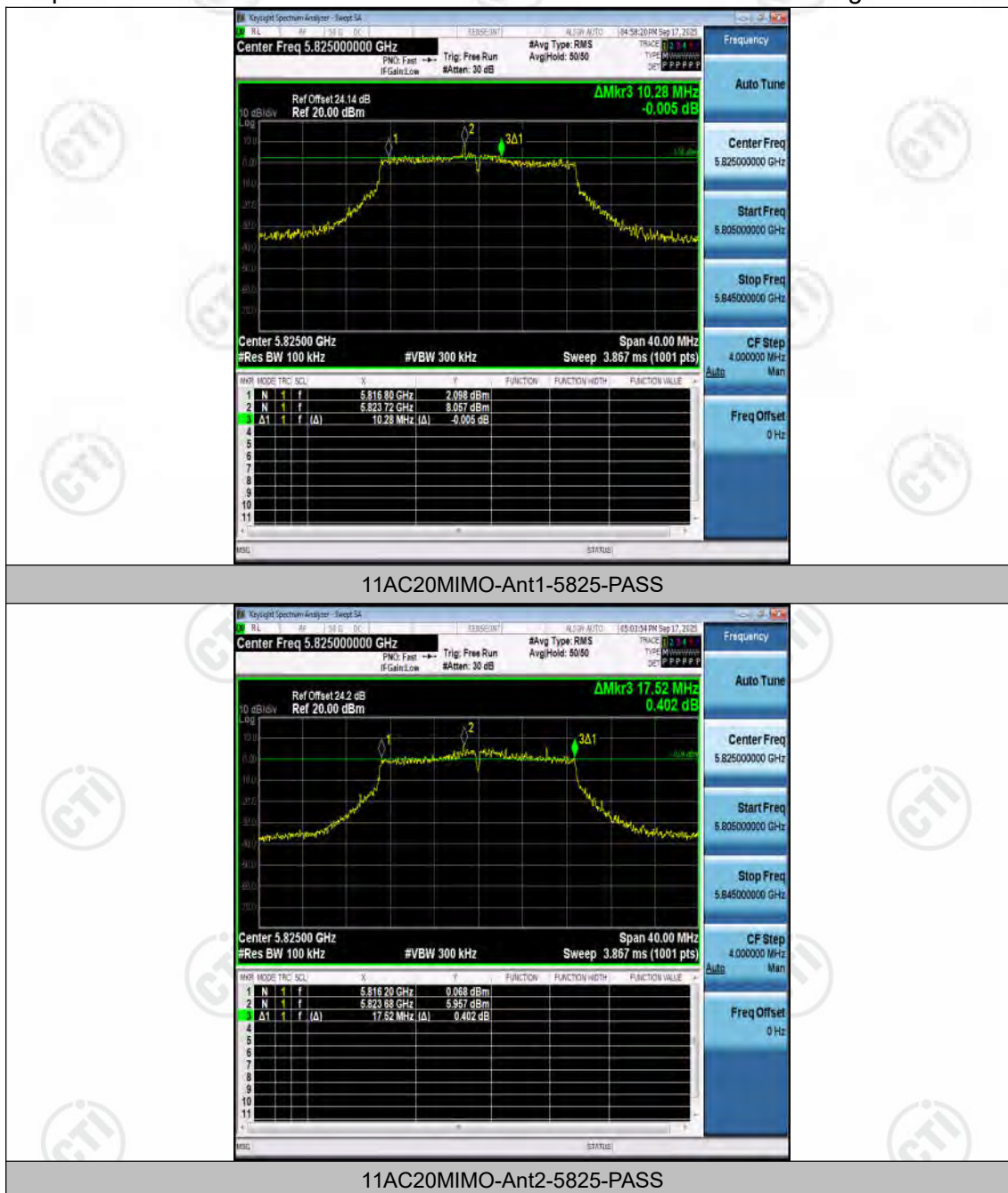


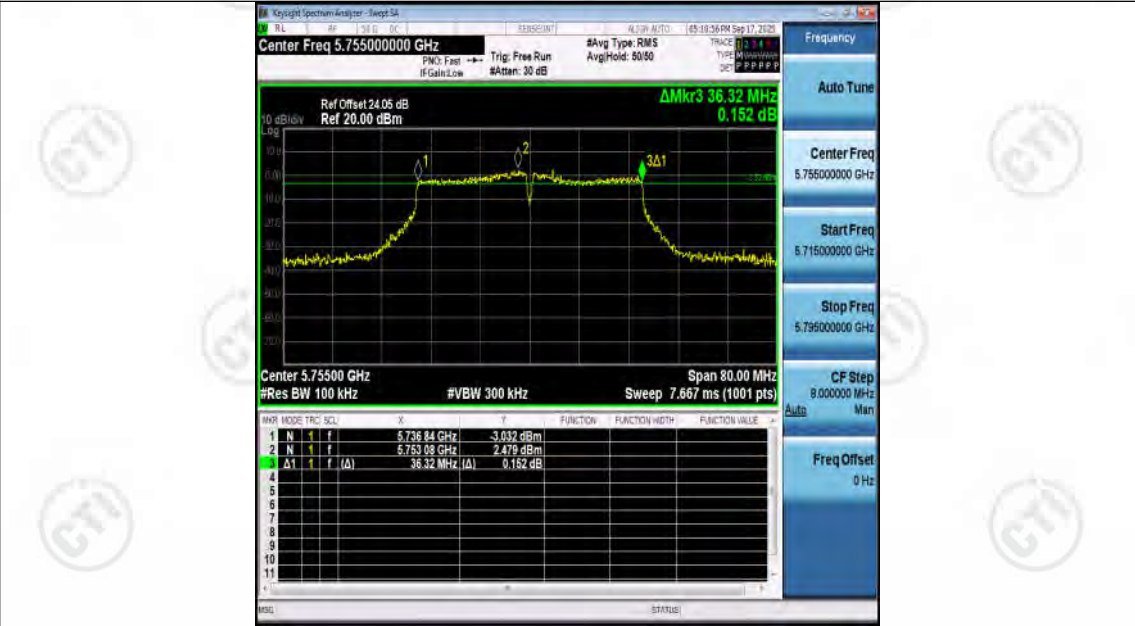
11AC20MIMO-Ant1-5745-PASS



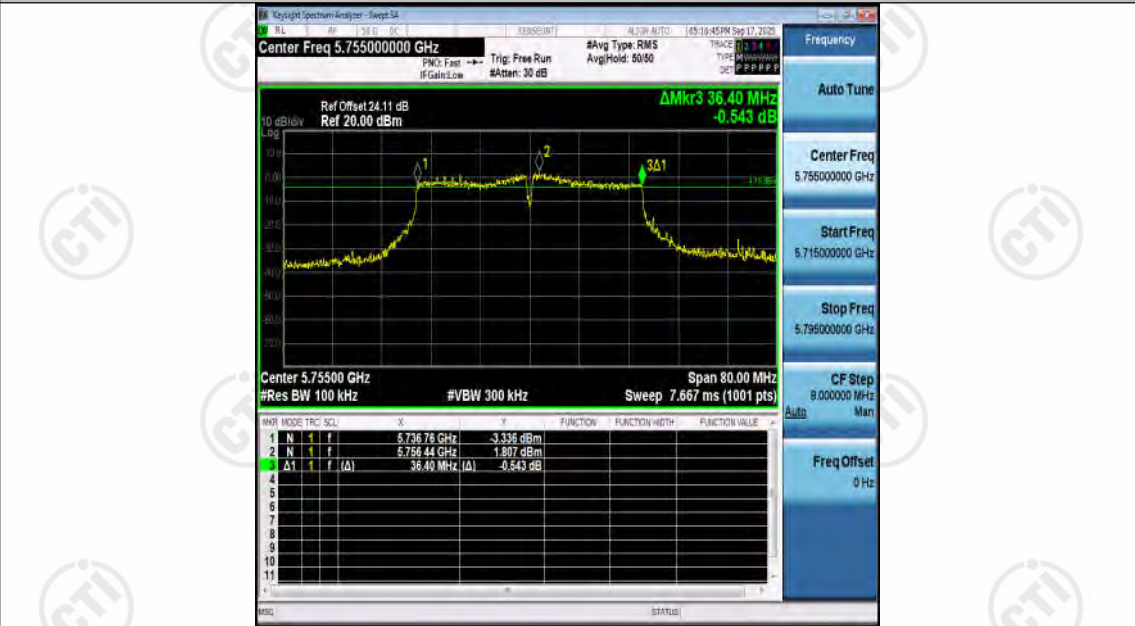
11AC20MIMO-Ant2-5745-PASS







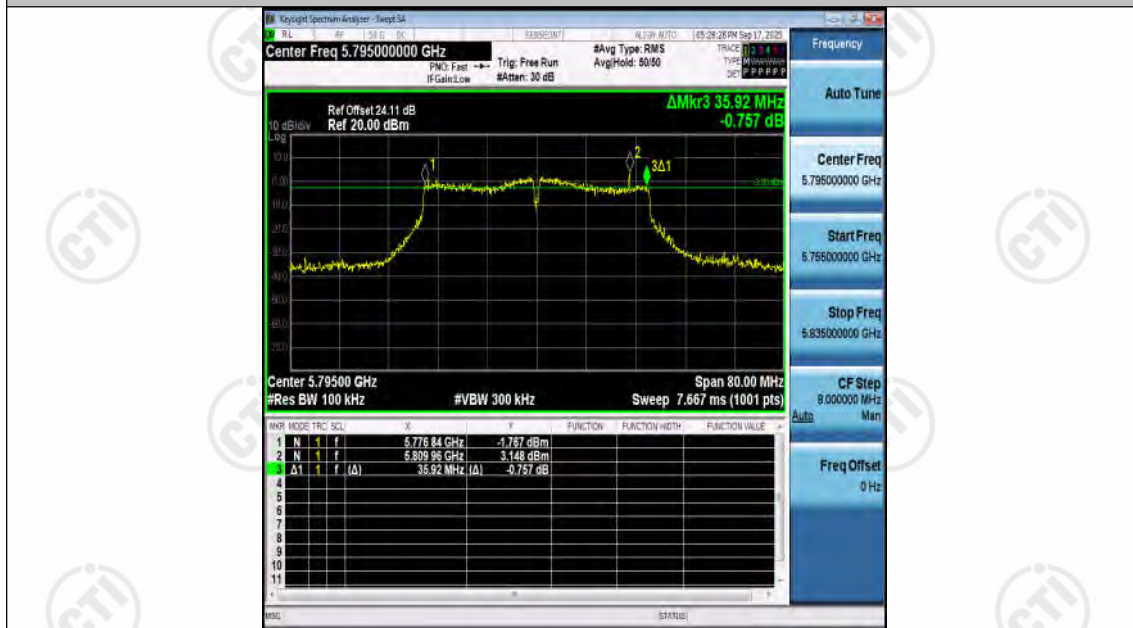
11AC40MIMO-Ant1-5755-PASS



11AC40MIMO-Ant2-5755-PASS



11AC40MIMO-Ant1-5795-PASS



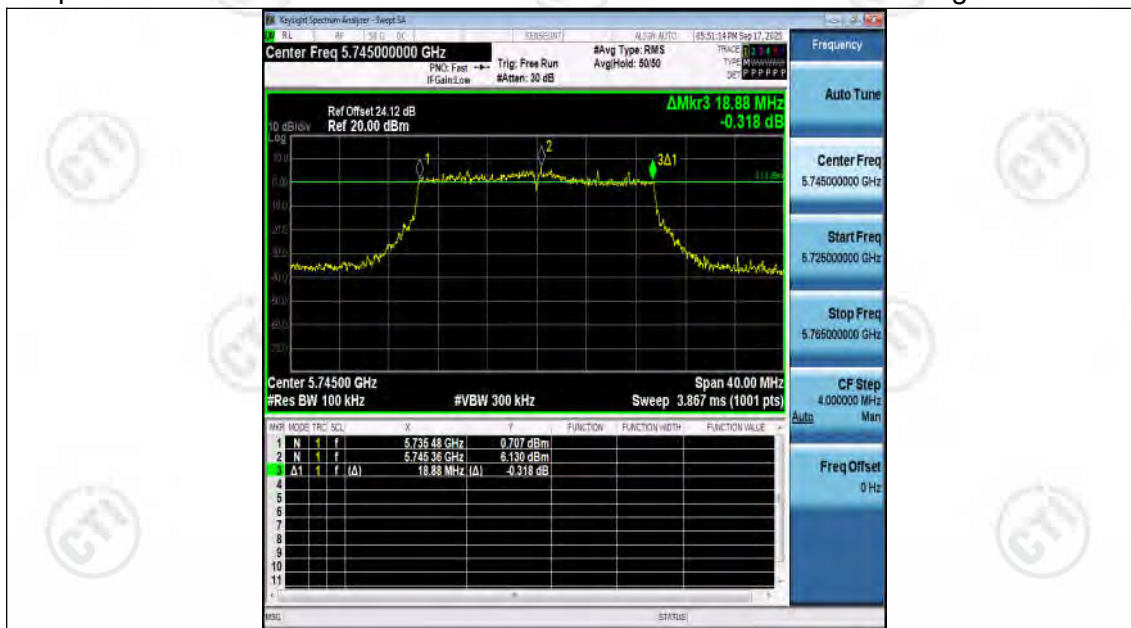
11AC40MIMO-Ant2-5795-PASS



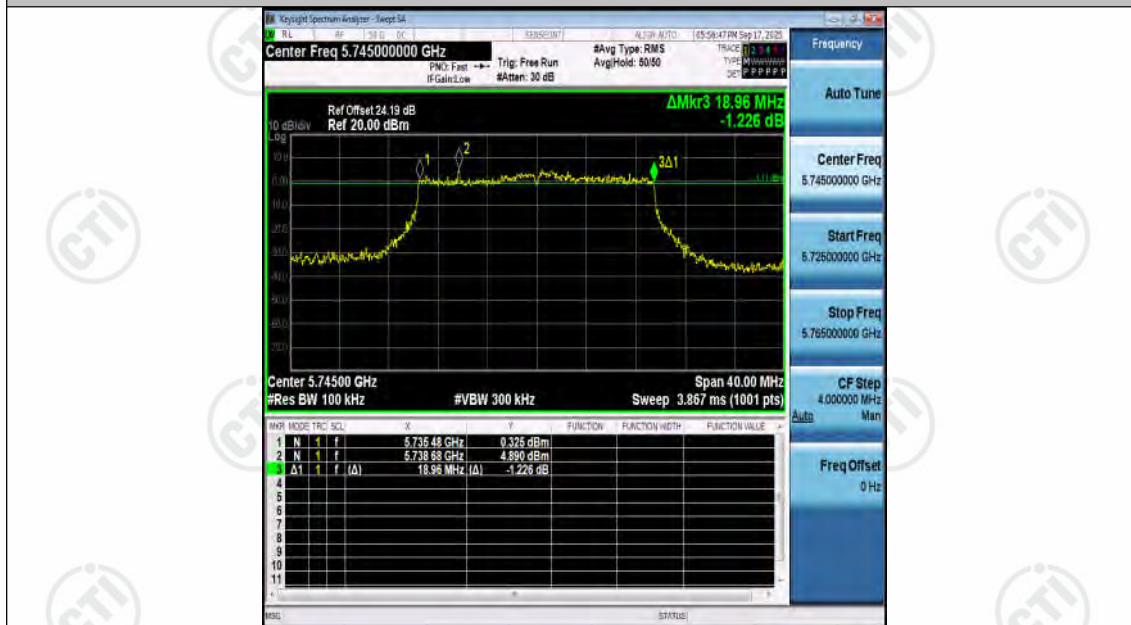
11AC80MIMO-Ant1-5775-PASS



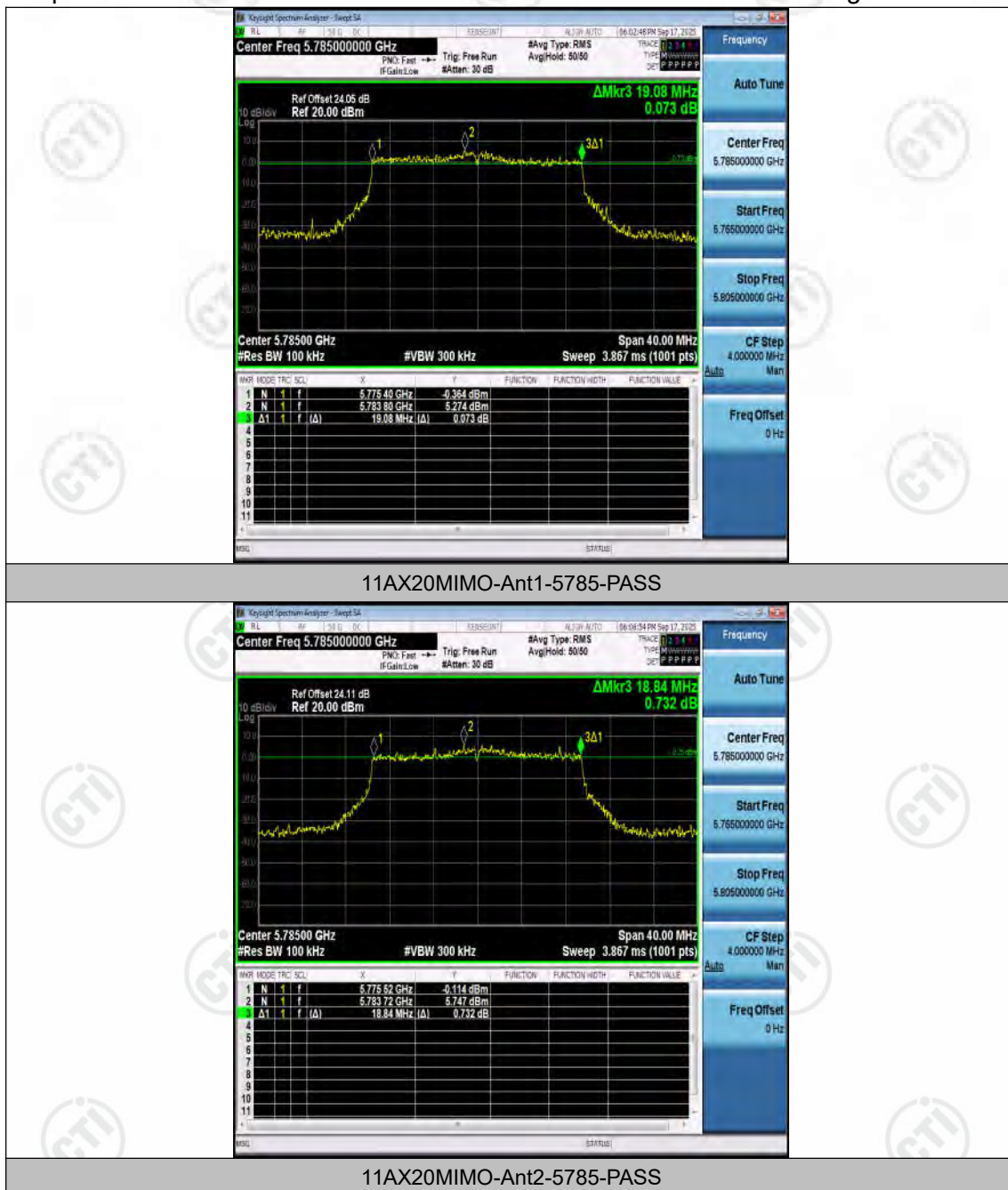
11AC80MIMO-Ant2-5775-PASS

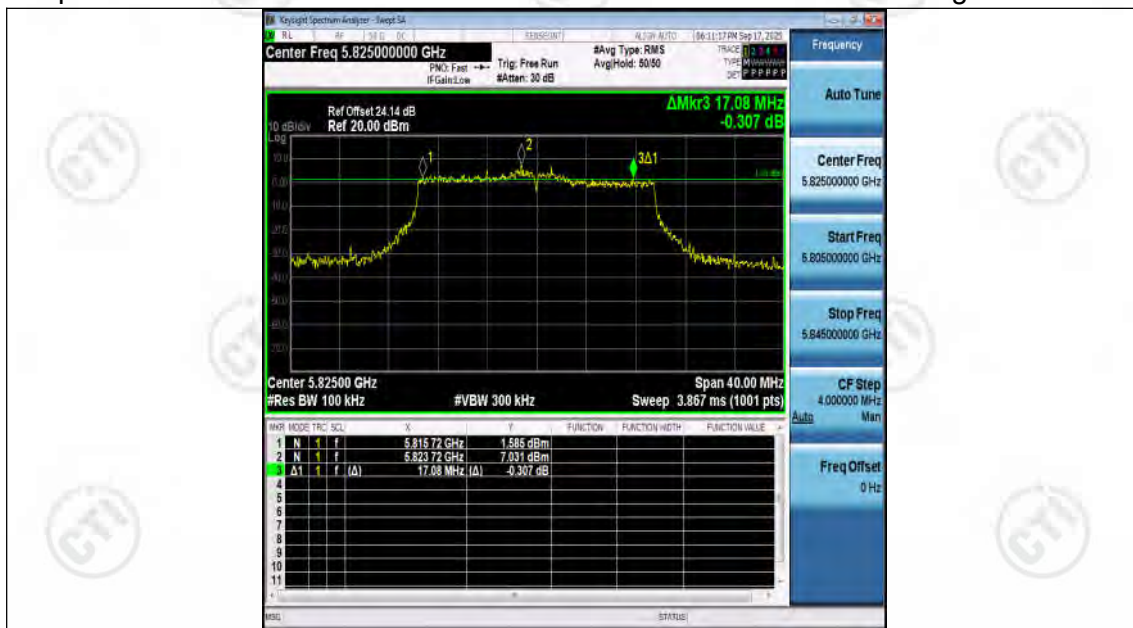


11AX20MIMO-Ant1-5745-PASS

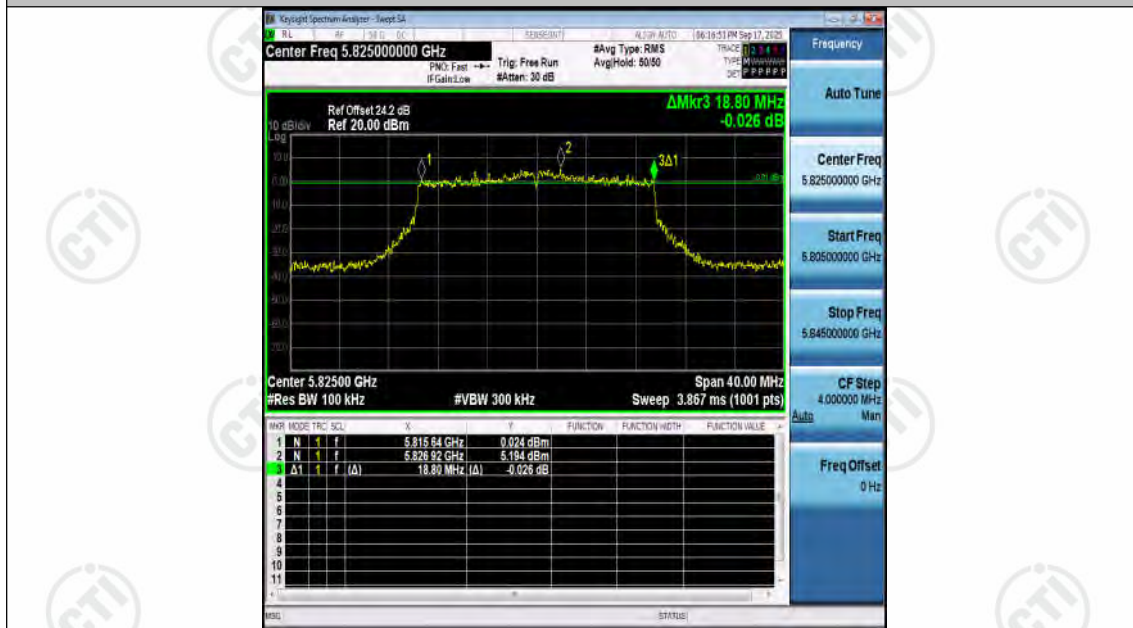


11AX20MIMO-Ant2-5745-PASS

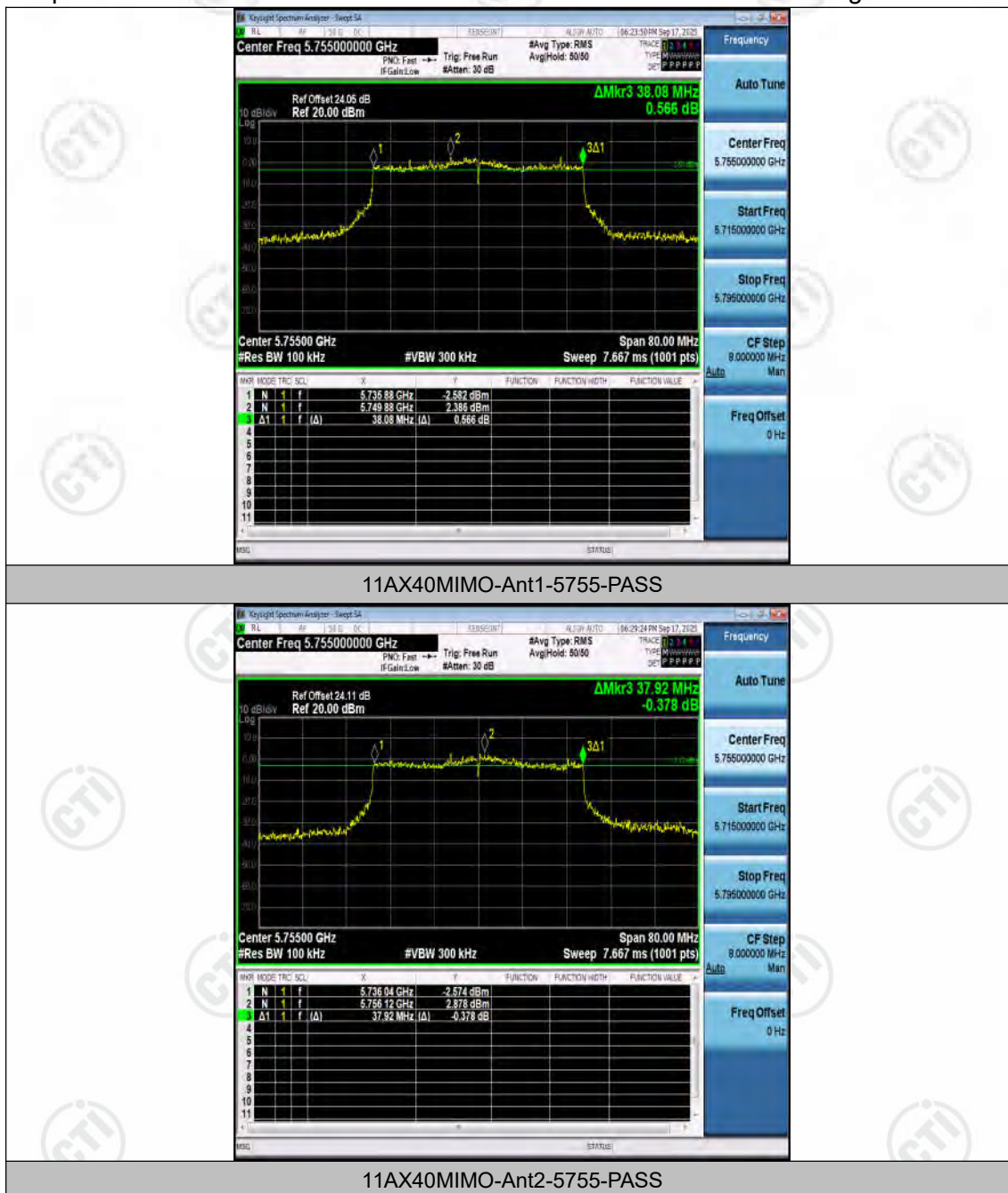


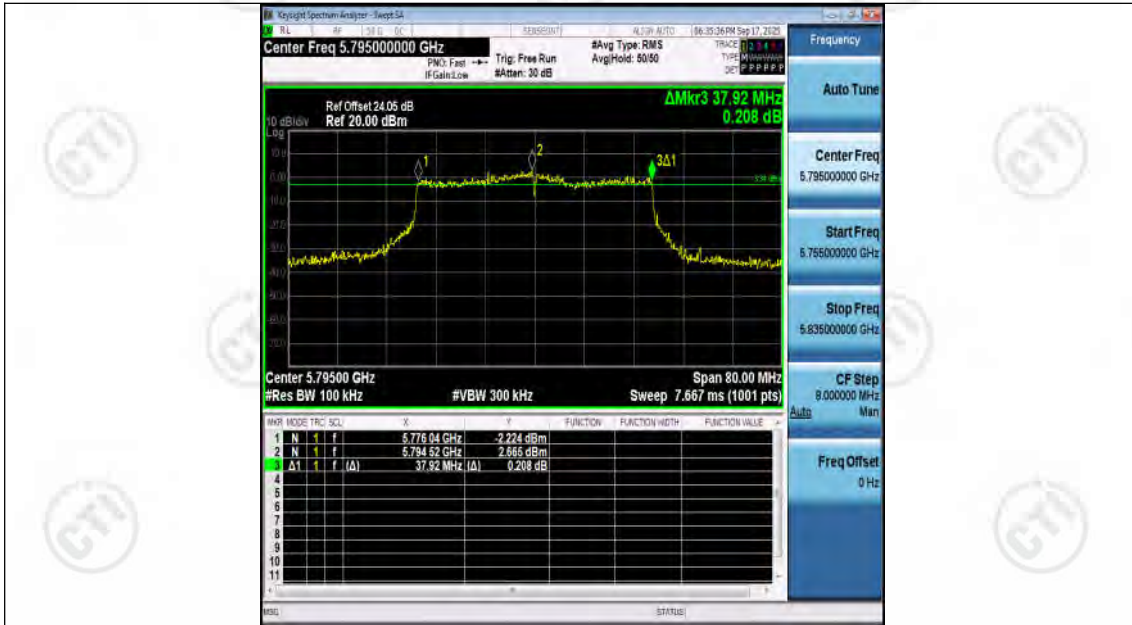


11AX20MIMO-Ant1-5825-PASS



11AX20MIMO-Ant2-5825-PASS





11AX40MIMO-Ant1-5795-PASS



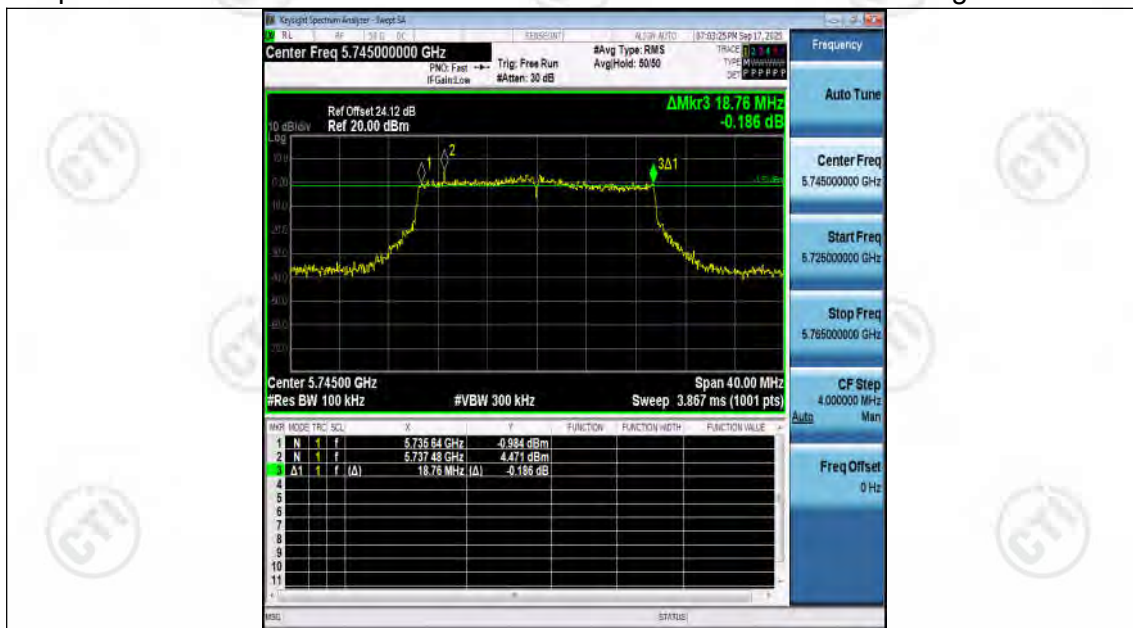
11AX40MIMO-Ant2-5795-PASS



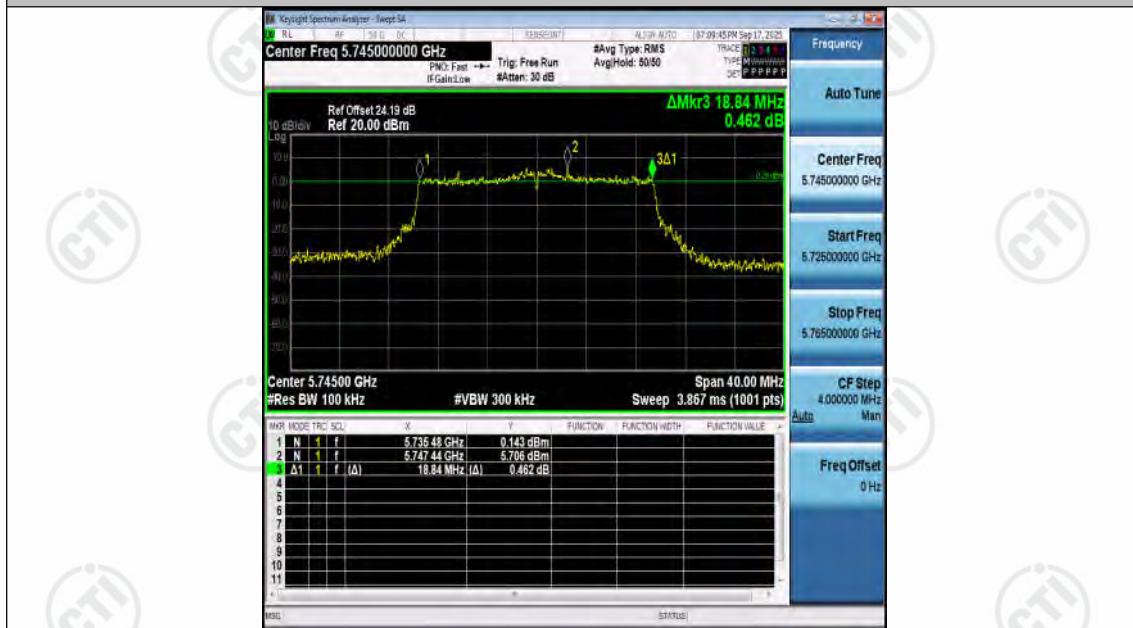
11AX80MIMO-Ant1-5775-PASS



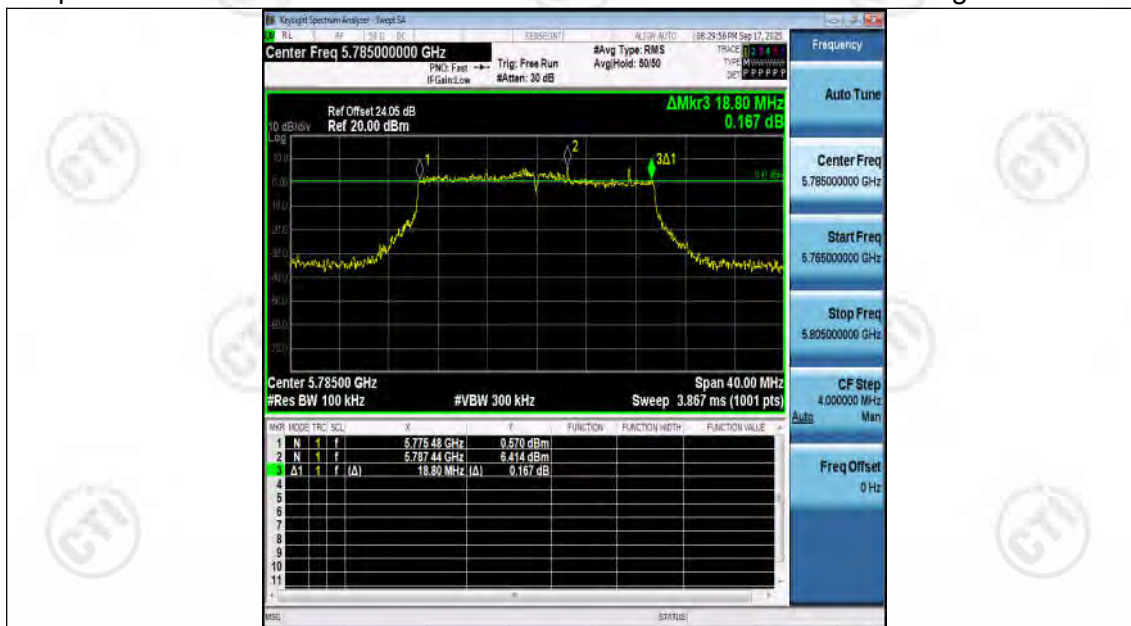
11AX80MIMO-Ant2-5775-PASS



11BE20MIMO-Ant1-5745-PASS



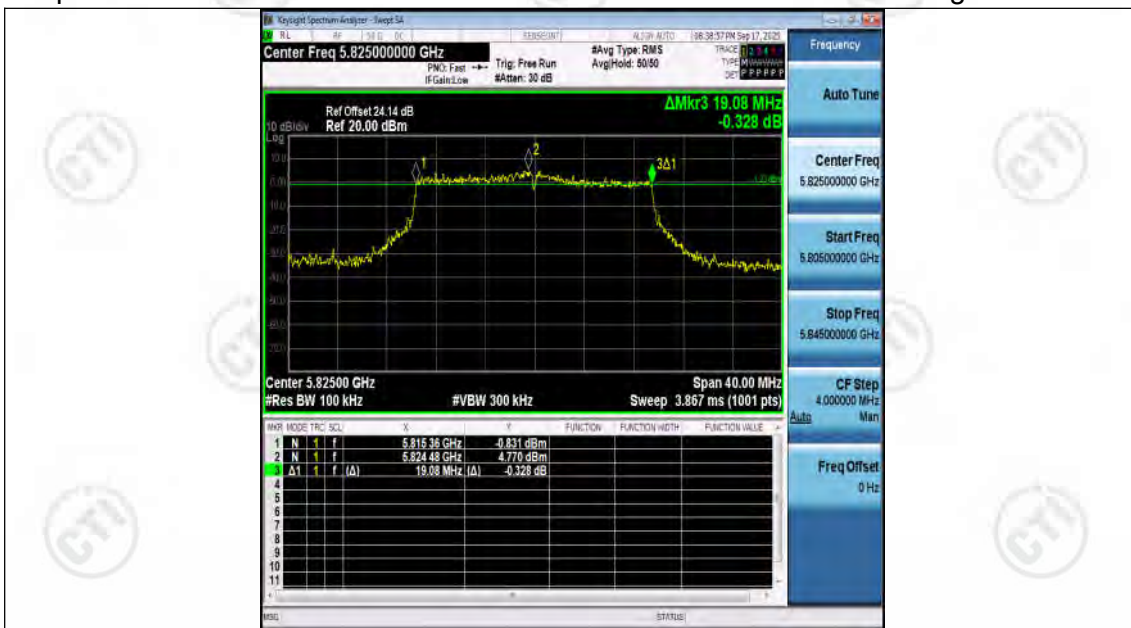
11BE20MIMO-Ant2-5745-PASS



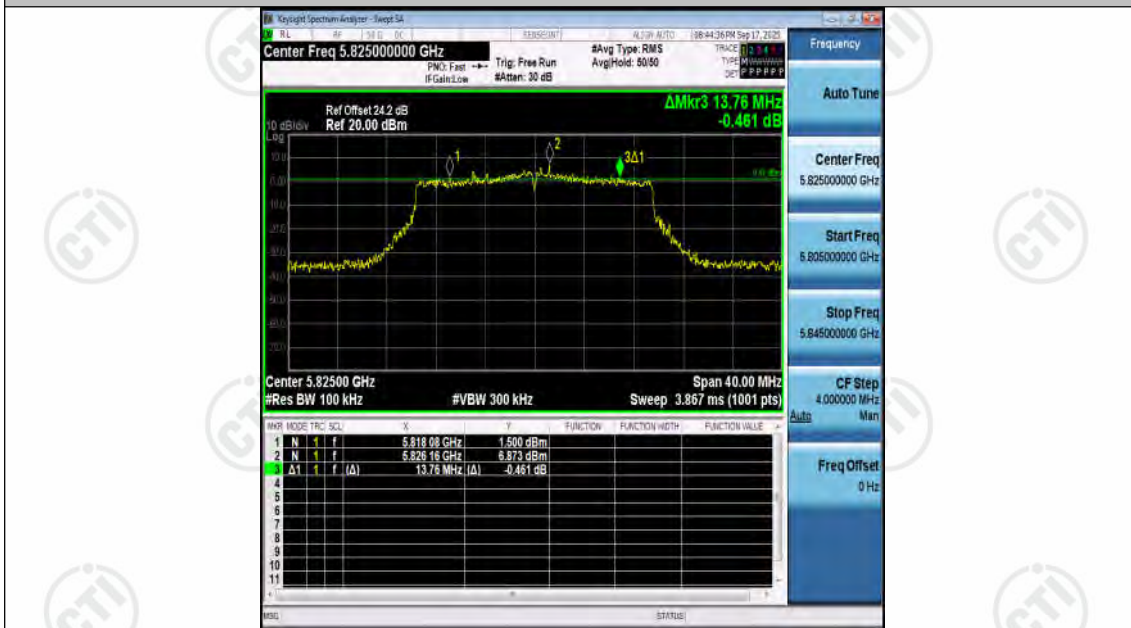
11BE20MIMO-Ant1-5785-PASS



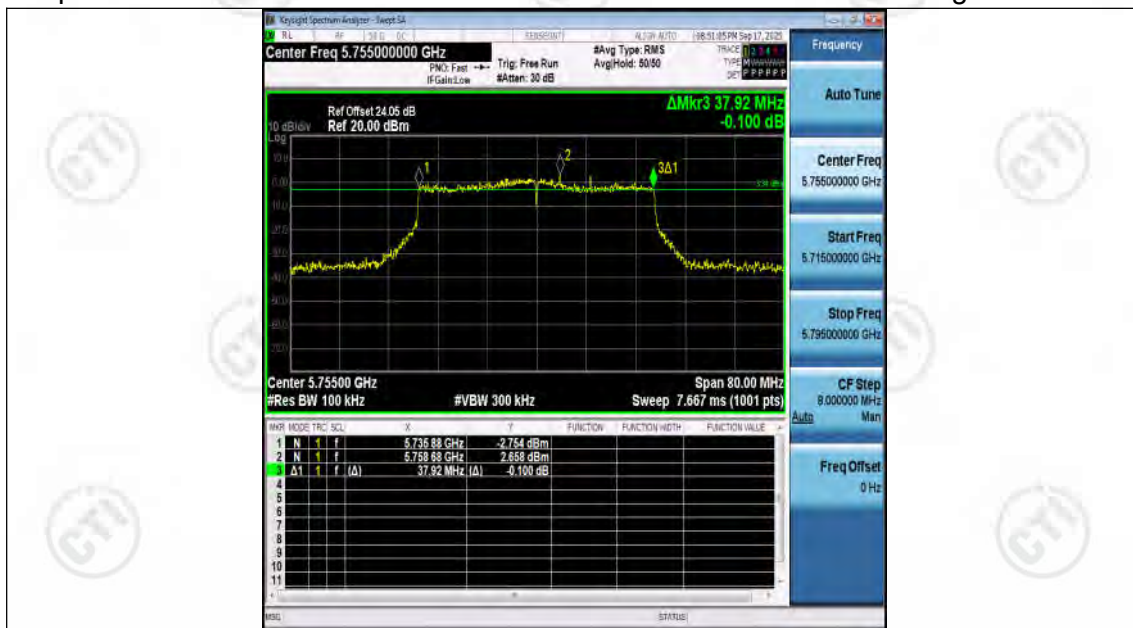
11BE20MIMO-Ant2-5785-PASS



11BE20MIMO-Ant1-5825-PASS



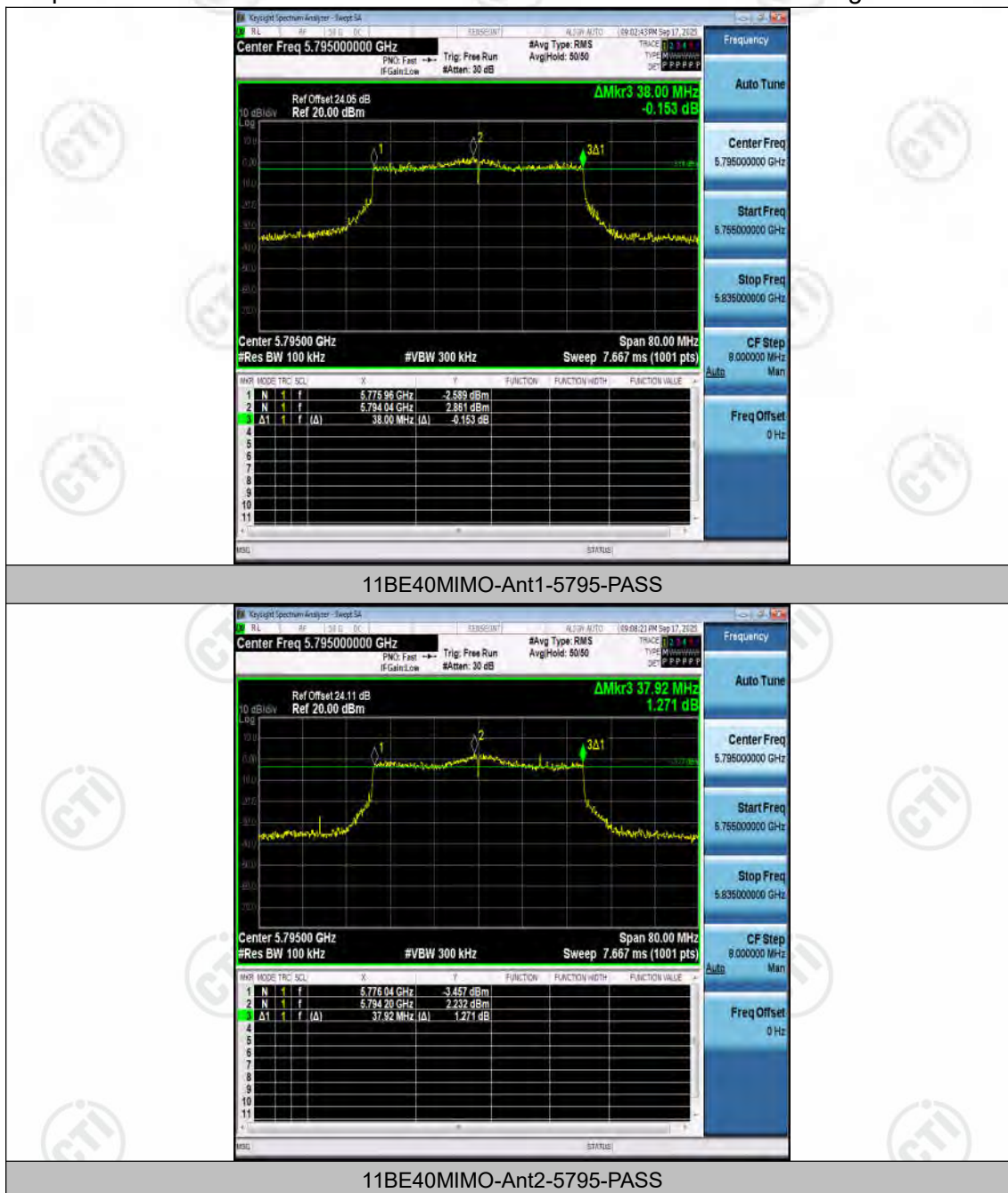
11BE20MIMO-Ant2-5825-PASS



11BE40MIMO-Ant1-5755-PASS

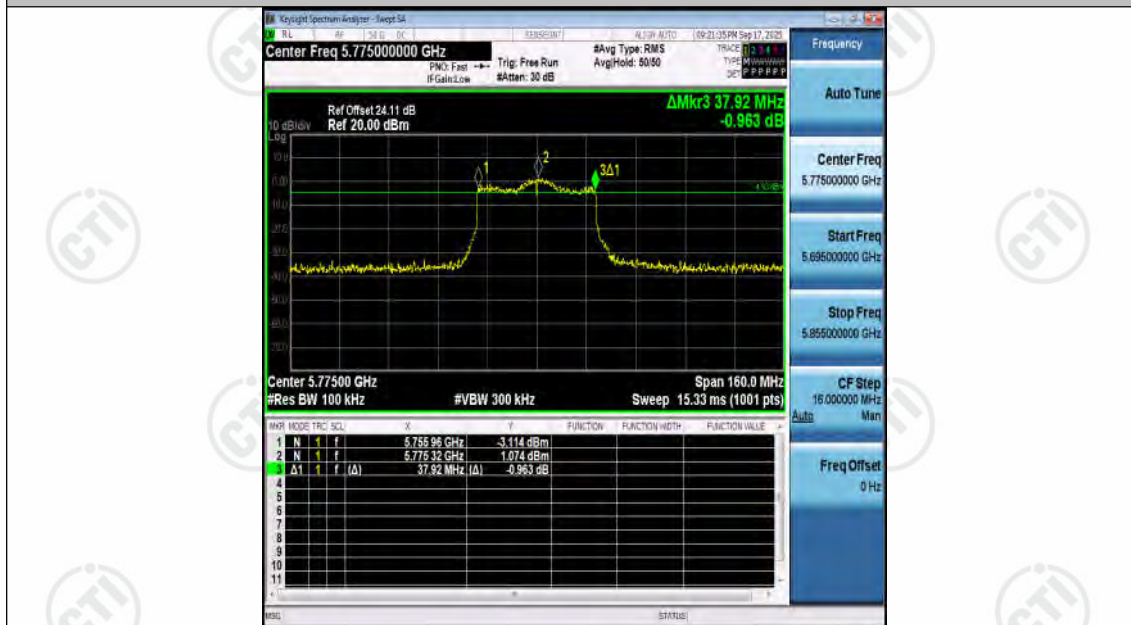


11BE40MIMO-Ant2-5755-PASS





11BE80MIMO-Ant1-5775-PASS



11BE80MIMO-Ant2-5775-PASS

Appendix B: Duty Cycle

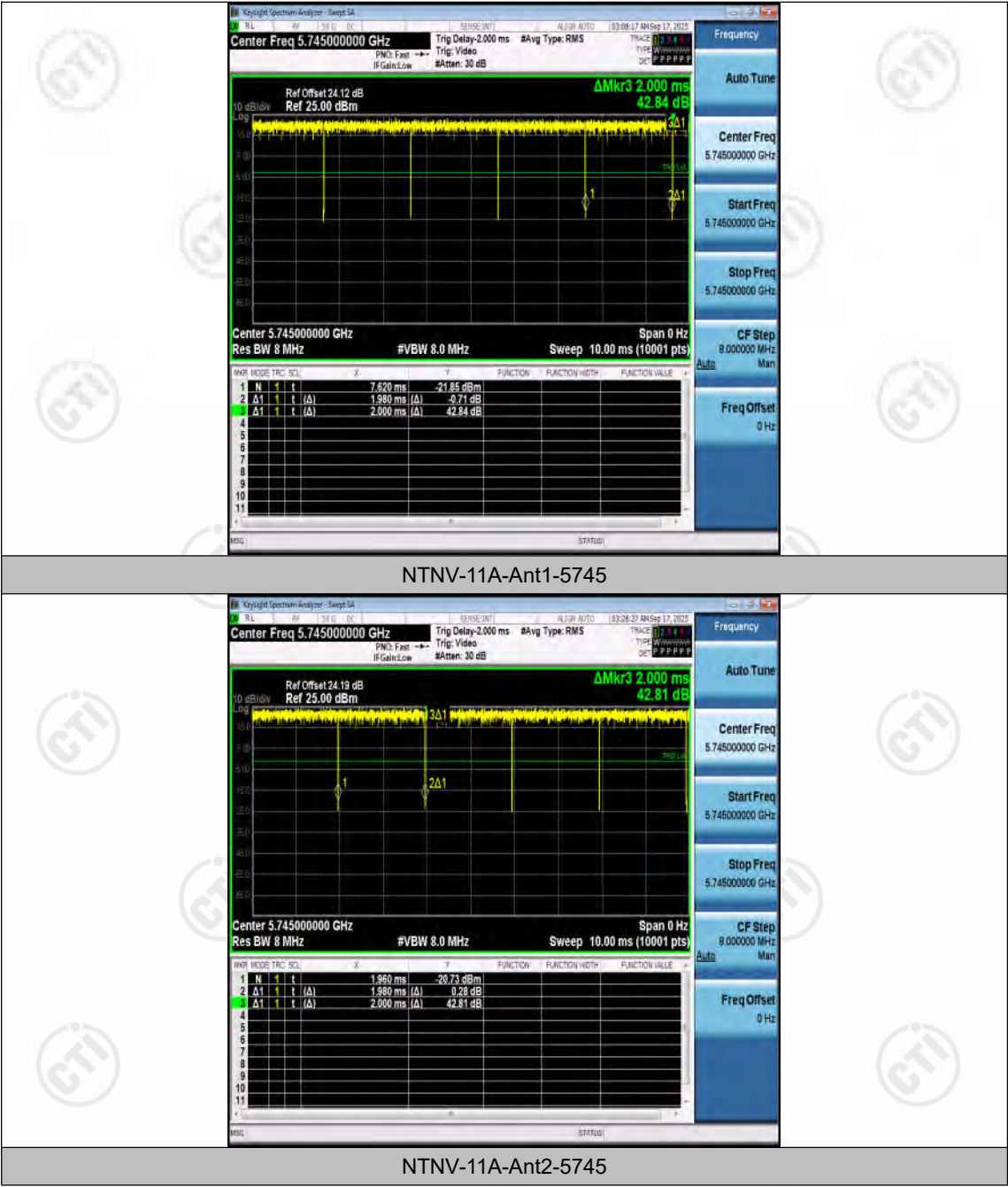
Test Result

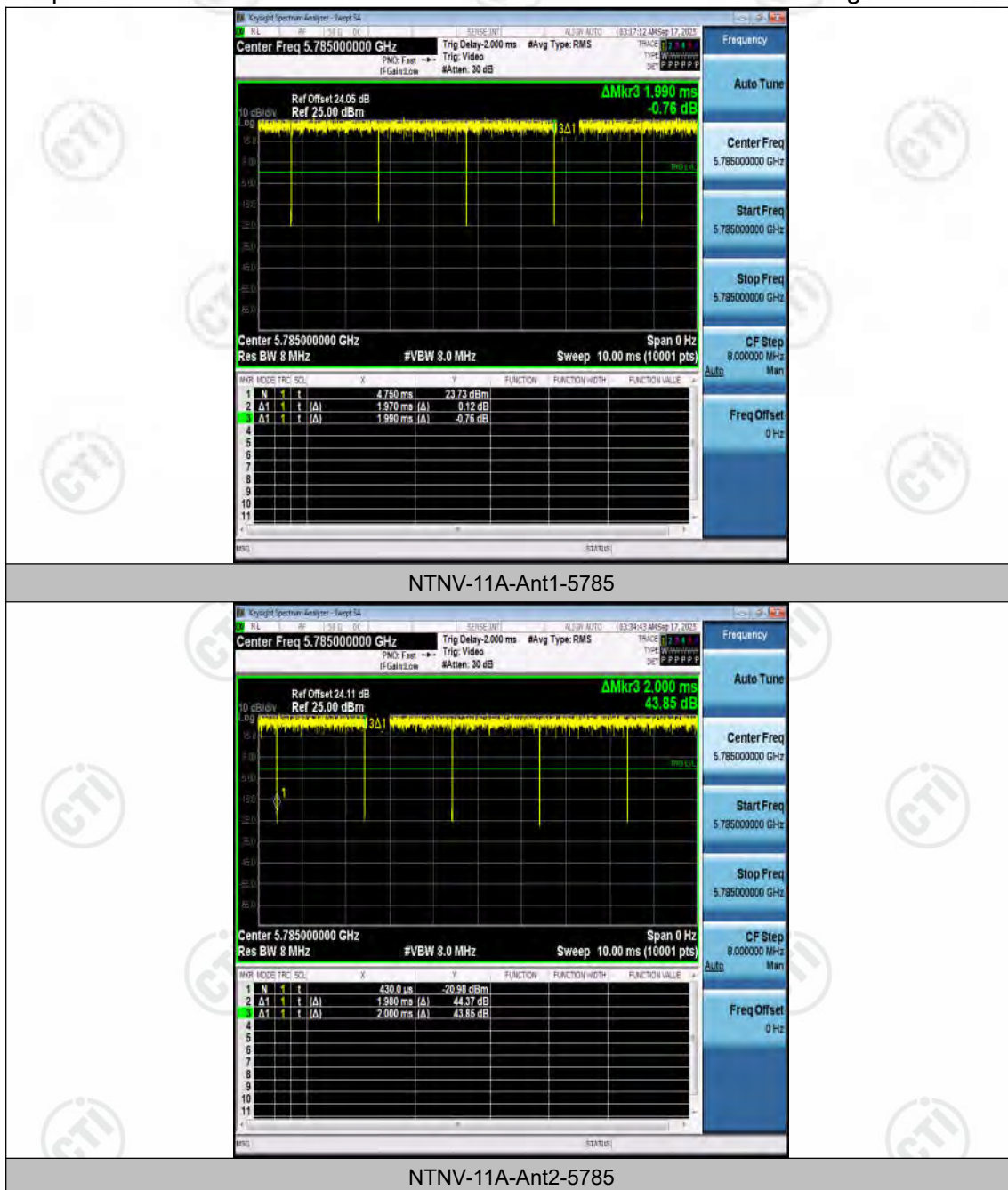
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5745	1.98	2.00	99.00
11A	Ant2	5745	1.98	2.00	99.00
11A	Ant1	5785	1.97	1.99	98.99
11A	Ant2	5785	1.98	2.00	99.00
11A	Ant1	5825	1.98	2.00	99.00
11A	Ant2	5825	1.98	2.00	99.00
11N20MIM O	Ant1	5745	5.43	5.45	99.63
11N20MIM O	Ant2	5745	5.43	5.45	99.63
11N20MIM O	Ant1	5785	5.42	5.59	96.96
11N20MIM O	Ant2	5785	5.43	5.45	99.63
11N20MIM O	Ant1	5825	5.43	5.58	97.31
11N20MIM O	Ant2	5825	5.43	5.55	97.84
11N40MIM O	Ant1	5755	5.43	5.44	99.82
11N40MIM O	Ant2	5755	5.42	5.44	99.63
11N40MIM O	Ant1	5795	5.42	5.59	96.96
11N40MIM O	Ant2	5795	5.42	5.44	99.63
11AC20MI MO	Ant1	5745	5.43	5.62	96.62
11AC20MI MO	Ant2	5745	5.43	5.45	99.63
11AC20MI MO	Ant1	5785	5.43	5.54	98.01
11AC20MI MO	Ant2	5785	5.42	5.53	98.01
11AC20MI MO	Ant1	5825	5.42	5.50	98.55
11AC20MI	Ant2	5825	5.43	5.55	97.84

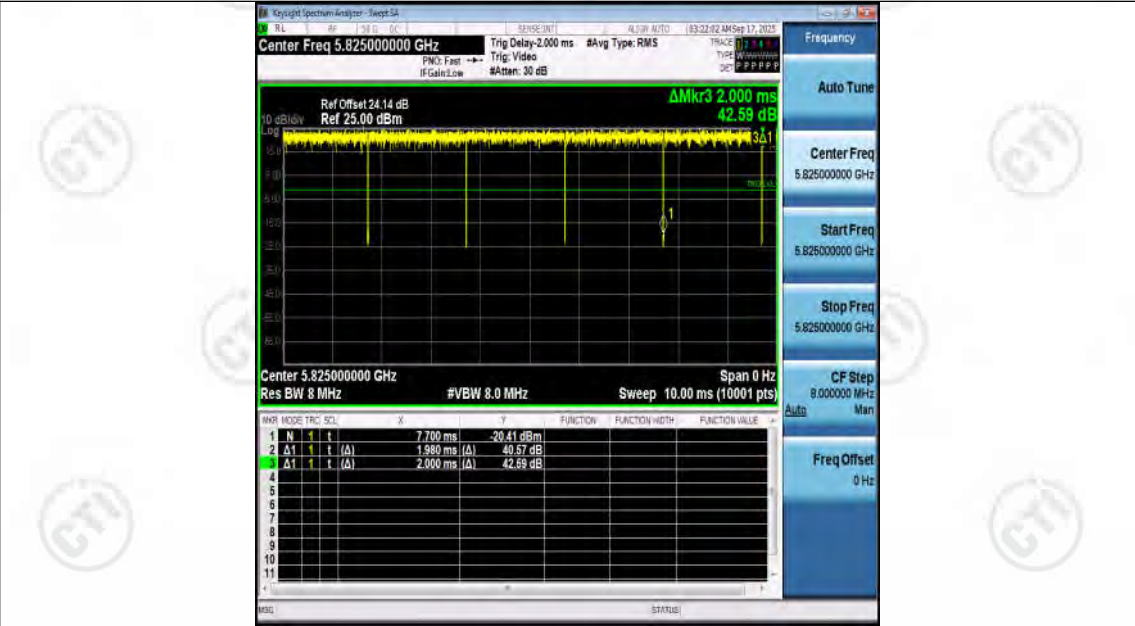
MO					
11AC40MI MO	Ant1	5755	5.43	5.45	99.63
11AC40MI MO	Ant2	5755	5.43	5.44	99.82
11AC40MI MO	Ant1	5795	5.43	5.48	99.09
11AC40MI MO	Ant2	5795	5.43	5.58	97.31
11AC80MI MO	Ant1	5775	5.43	5.49	98.91
11AC80MI MO	Ant2	5775	5.43	5.45	99.63
11AX20MI MO	Ant1	5745	5.45	5.47	99.63
11AX20MI MO	Ant2	5745	5.44	5.46	99.63
11AX20MI MO	Ant1	5785	5.44	5.58	97.49
11AX20MI MO	Ant2	5785	5.44	5.46	99.63
11AX20MI MO	Ant1	5825	5.44	5.51	98.73
11AX20MI MO	Ant2	5825	5.45	5.63	96.80
11AX40MI MO	Ant1	5755	5.44	5.46	99.63
11AX40MI MO	Ant2	5755	5.45	5.46	99.82
11AX40MI MO	Ant1	5795	5.44	5.51	98.73
11AX40MI MO	Ant2	5795	5.45	5.60	97.32
11AX80MI MO	Ant1	5775	5.44	5.46	99.63
11AX80MI MO	Ant2	5775	5.45	5.46	99.82
11BE20MI MO	Ant1	5745	5.46	5.47	99.82
11BE20MI MO	Ant2	5745	5.45	5.47	99.63
11BE20MI MO	Ant1	5785	5.46	5.52	98.91

11BE20MI MO	Ant2	5785	5.45	5.58	97.67
11BE20MI MO	Ant1	5825	5.45	5.47	99.63
11BE20MI MO	Ant2	5825	5.45	5.47	99.63
11BE40MI MO	Ant1	5755	5.45	5.47	99.63
11BE40MI MO	Ant2	5755	5.45	5.47	99.63
11BE40MI MO	Ant1	5795	5.46	5.54	98.56
11BE40MI MO	Ant2	5795	5.45	5.47	99.63
11BE80MI MO	Ant1	5775	5.45	5.47	99.63
11BE80MI MO	Ant2	5775	5.45	5.47	99.63

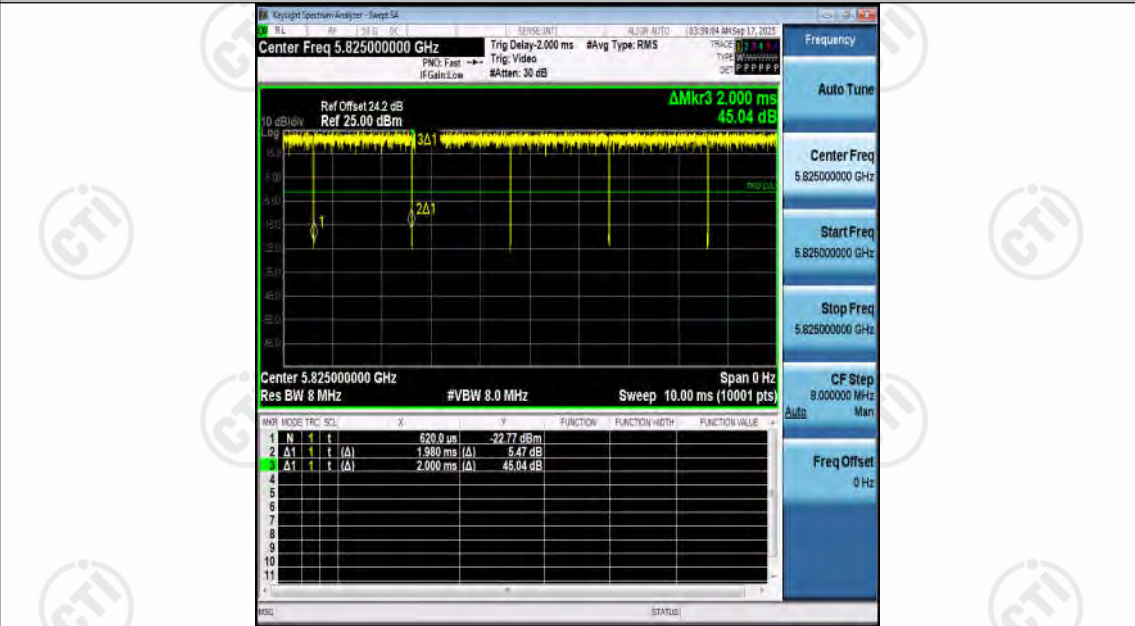
Test Graphs



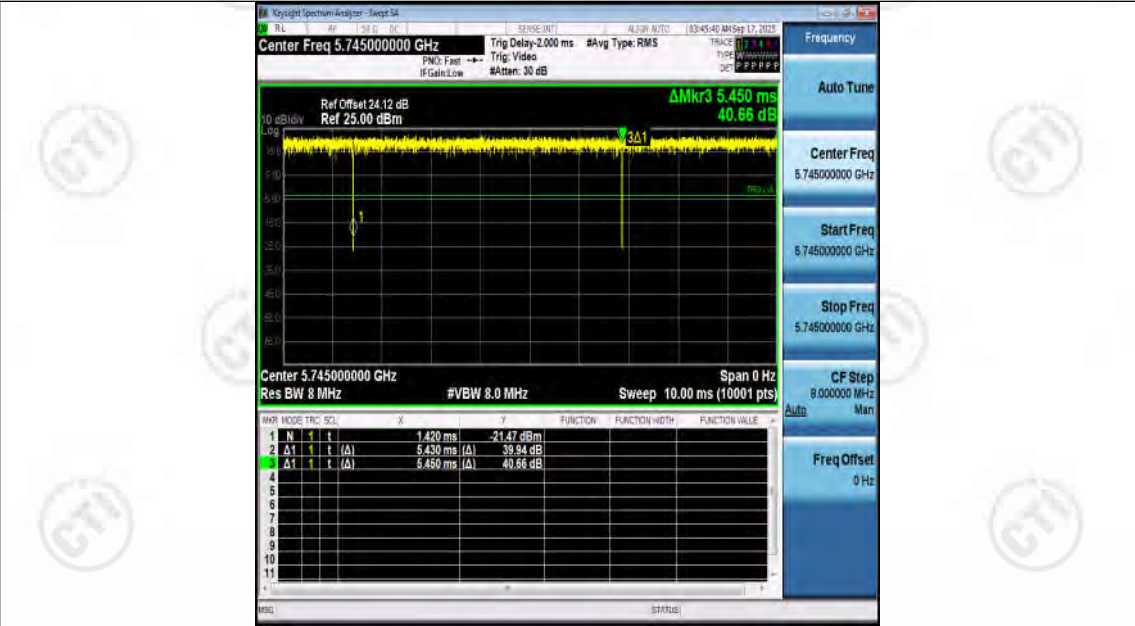




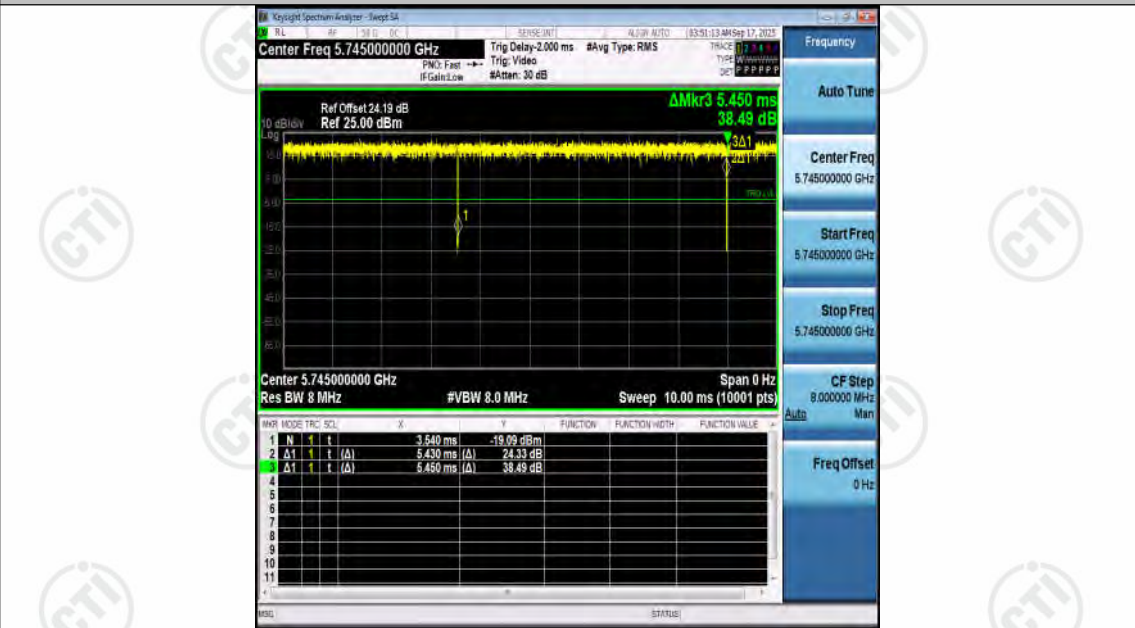
NTNV-11A-Ant1-5825



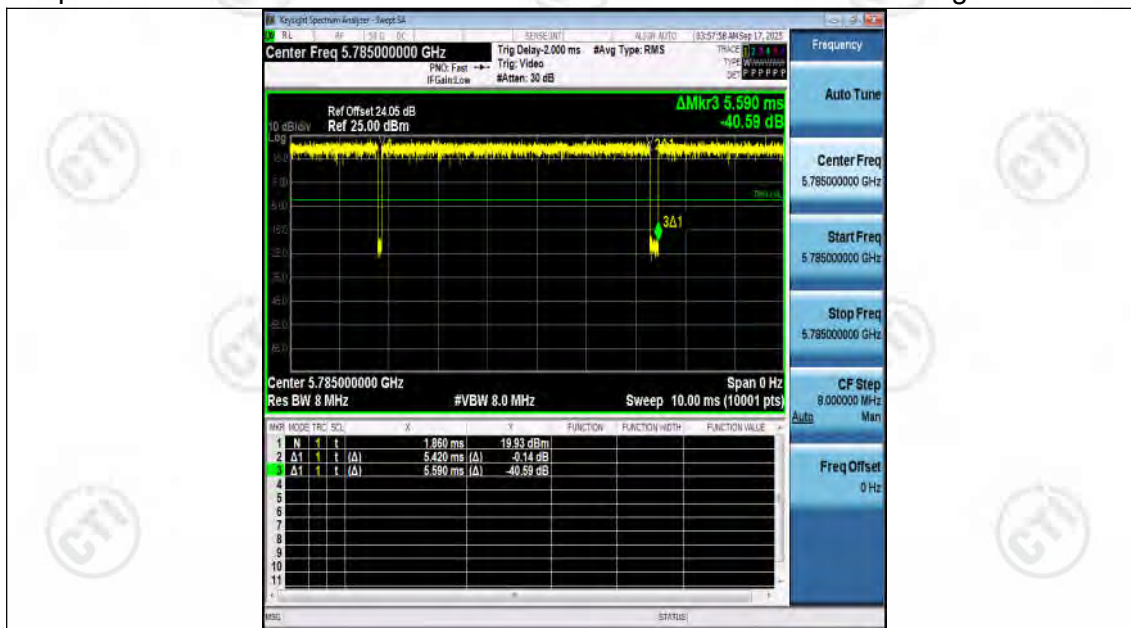
NTNV-11A-Ant2-5825



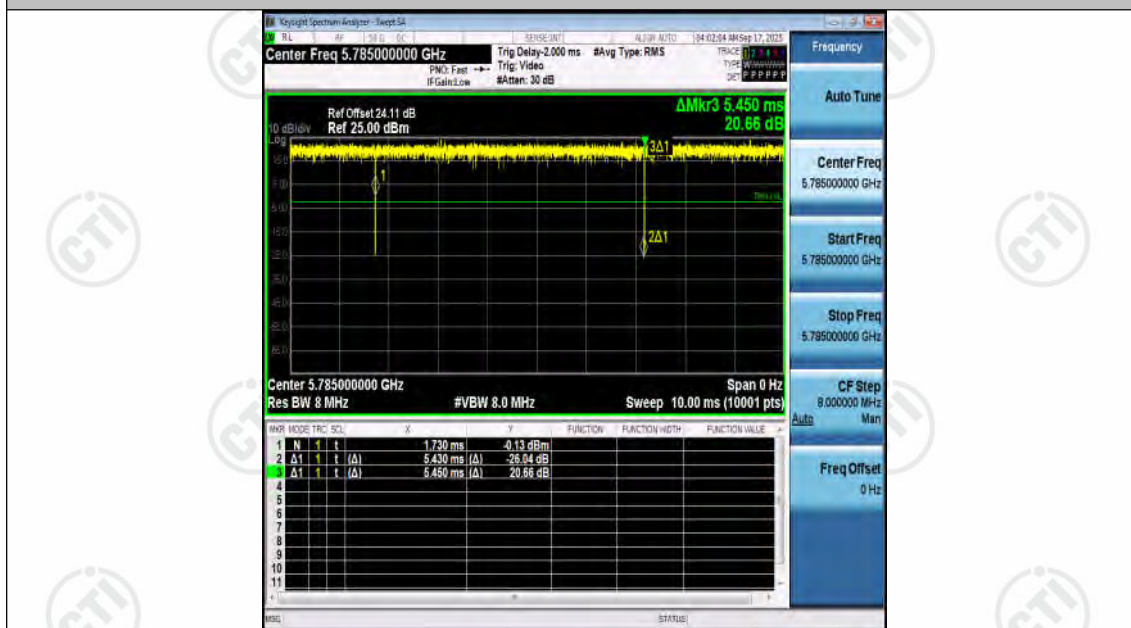
NTVN-11N20MIMO-Ant1-5745



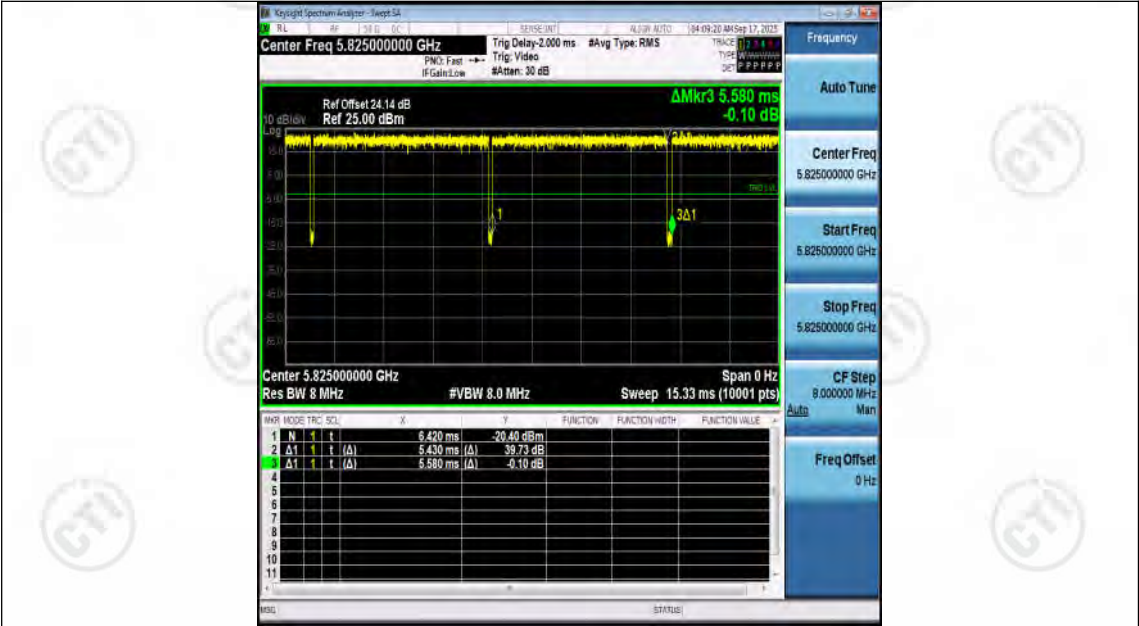
NTVN-11N20MIMO-Ant2-5745



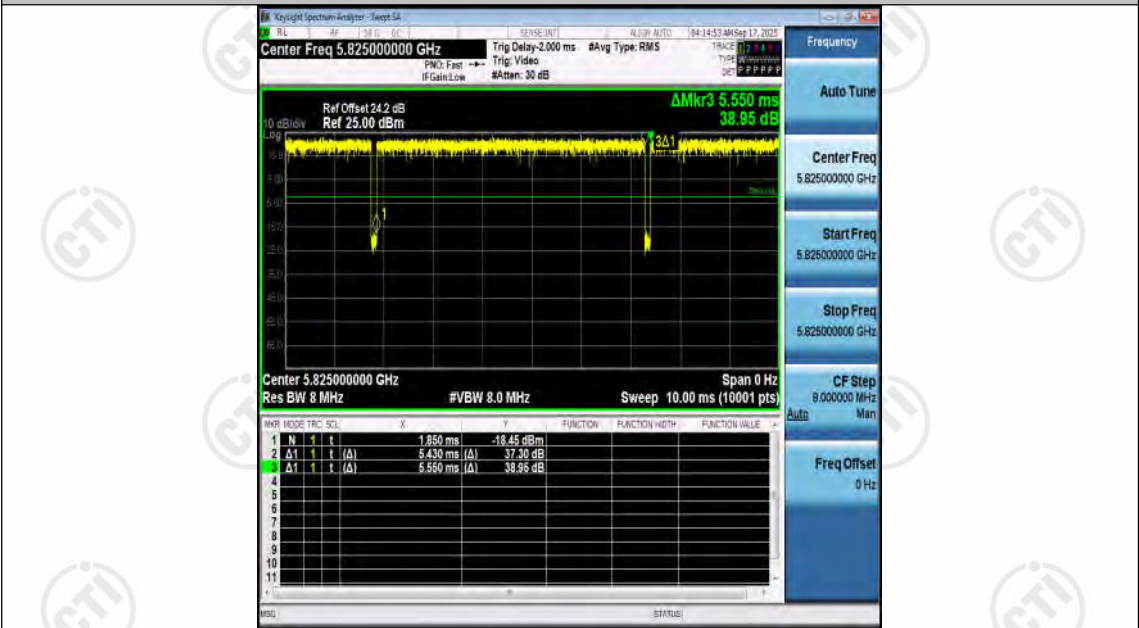
NTNV-11N20MIMO-Ant1-5785



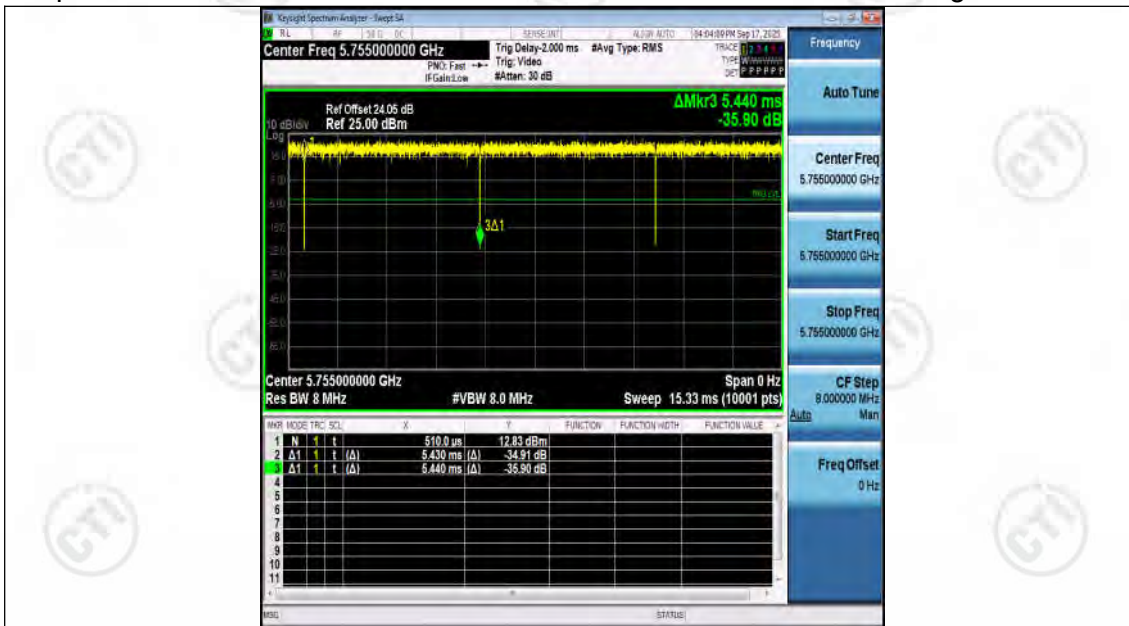
NTNV-11N20MIMO-Ant2-5785



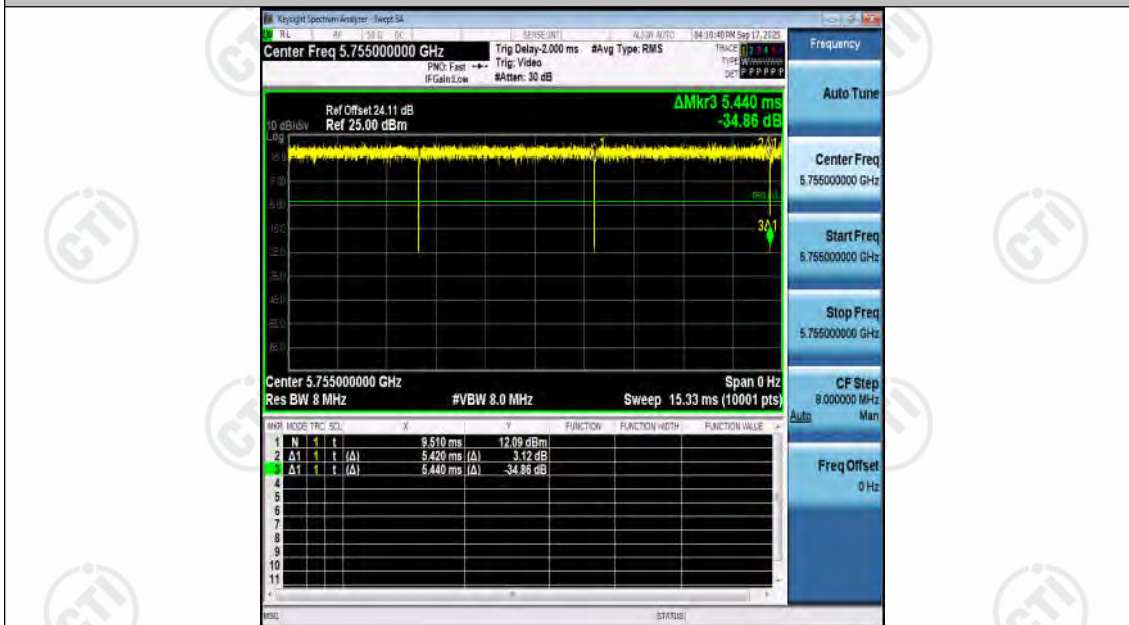
NTNV-11N20MIMO-Ant1-5825



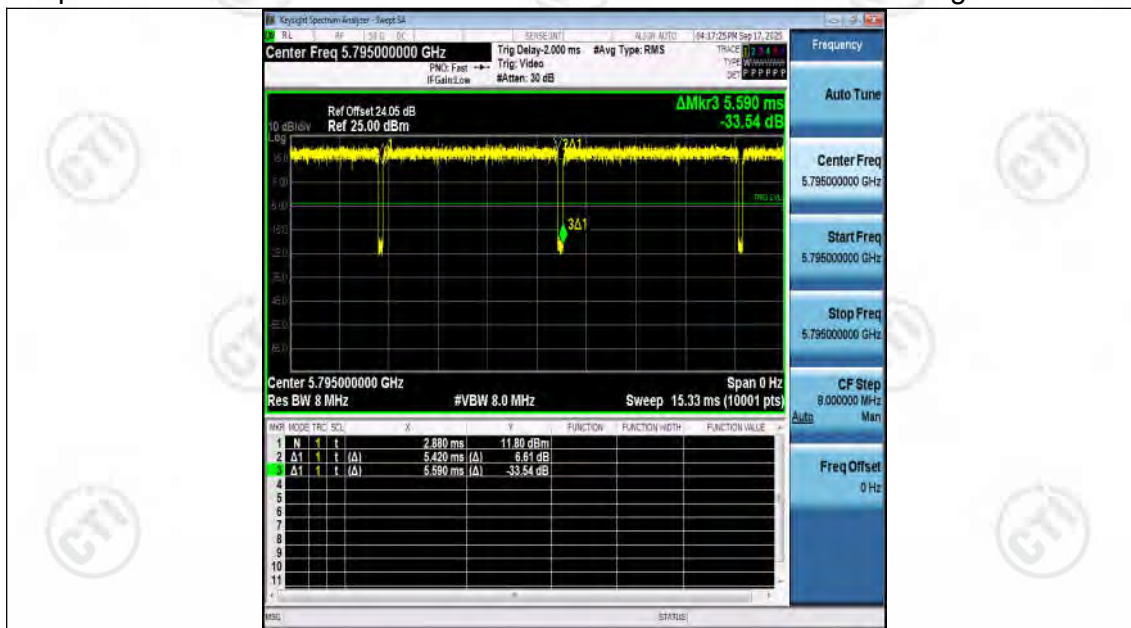
NTNV-11N20MIMO-Ant2-5825



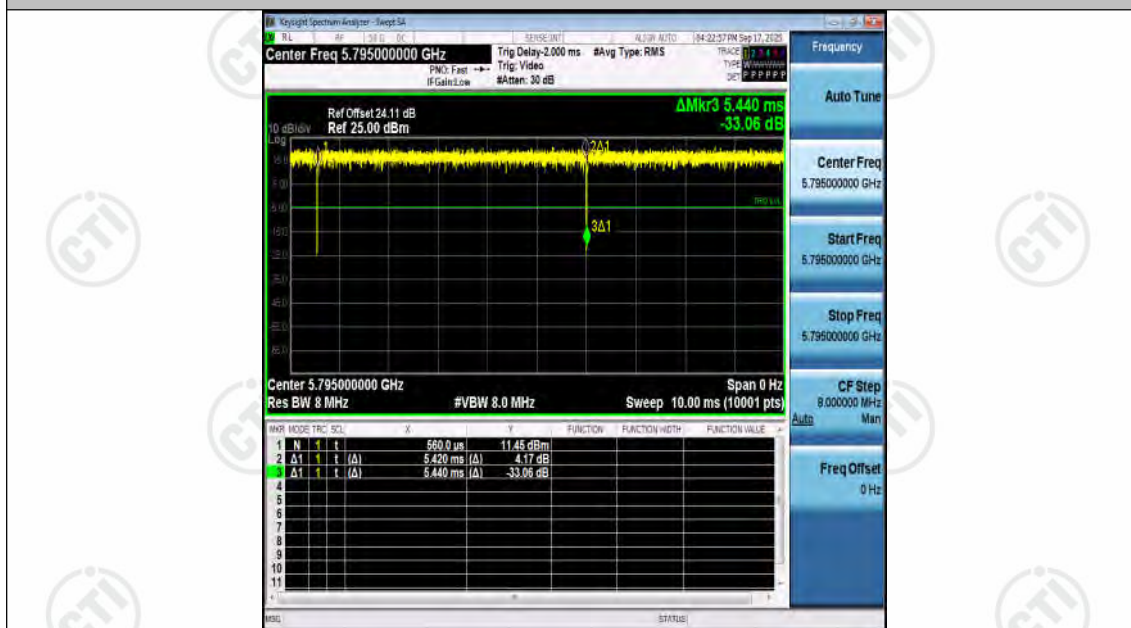
NTVN-11N40MIMO-Ant1-5755



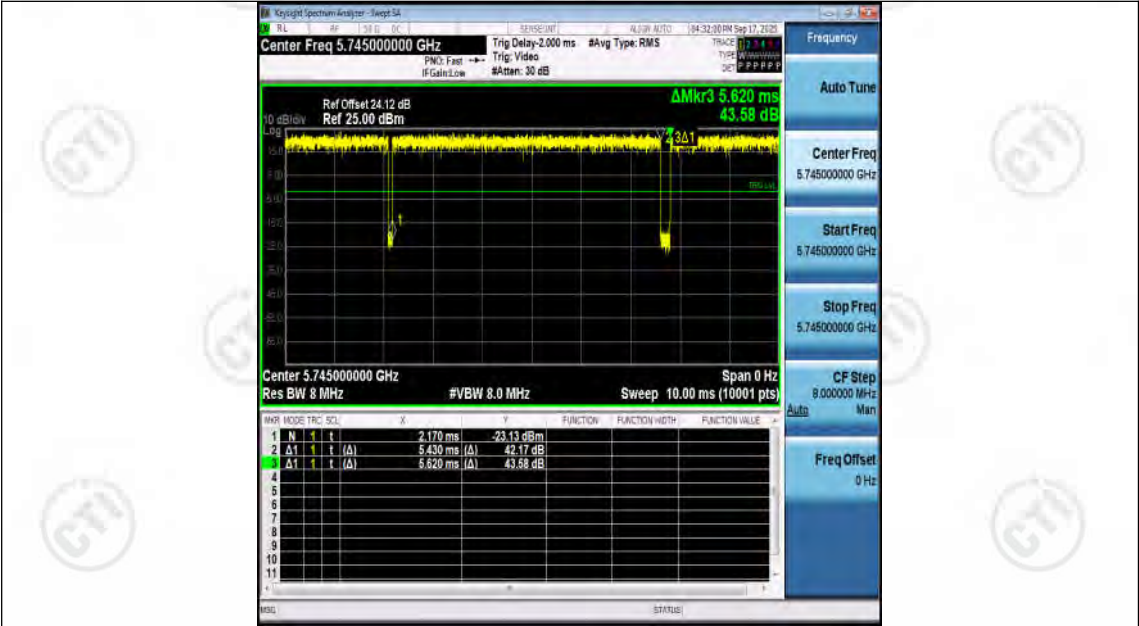
NTVN-11N40MIMO-Ant2-5755



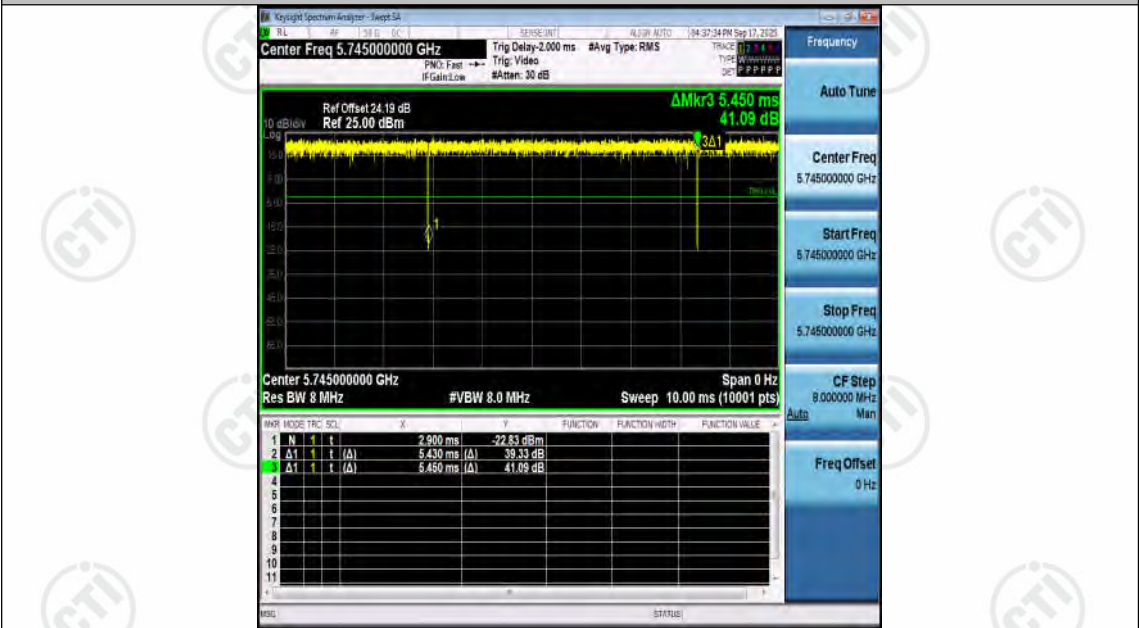
NTVN-11N40MIMO-Ant1-5795



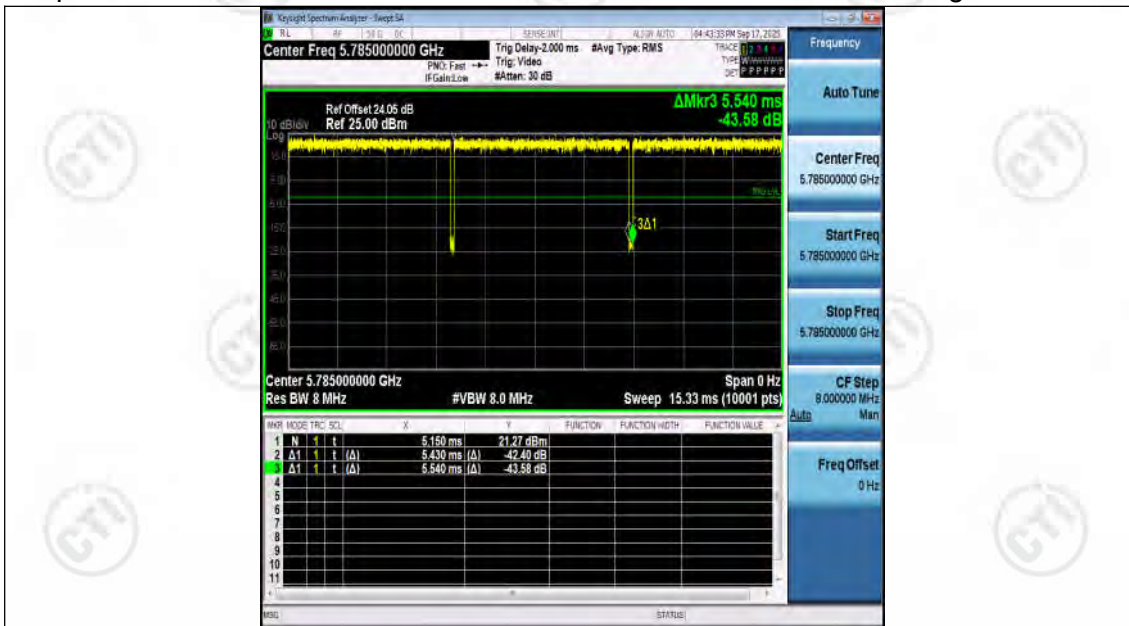
NTVN-11N40MIMO-Ant2-5795



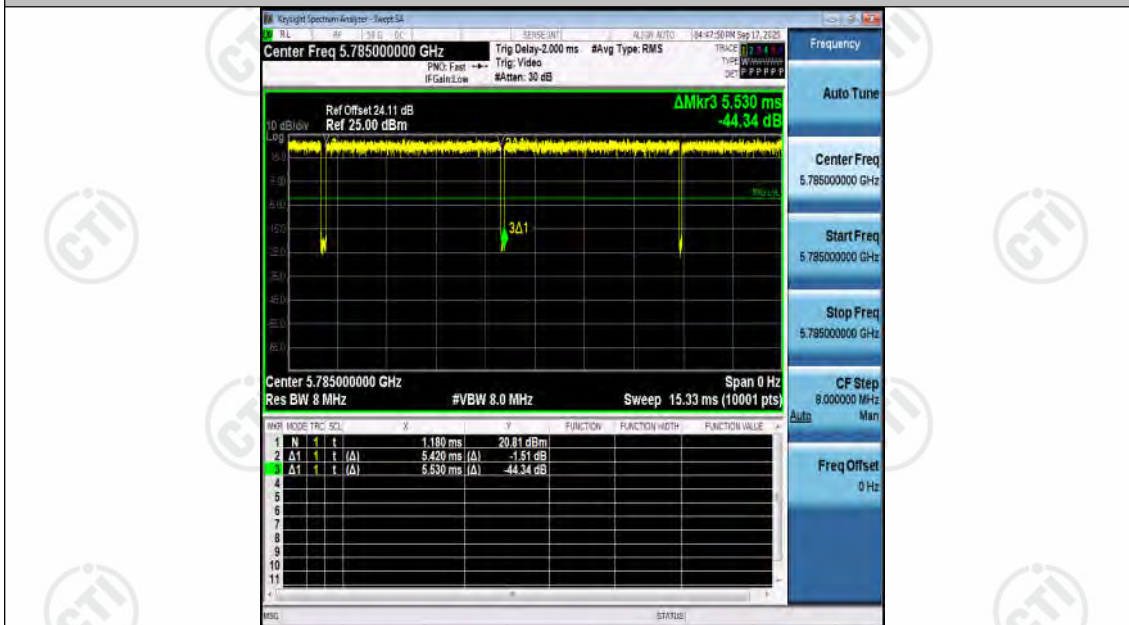
NTNV-11AC20MIMO-Ant1-5745



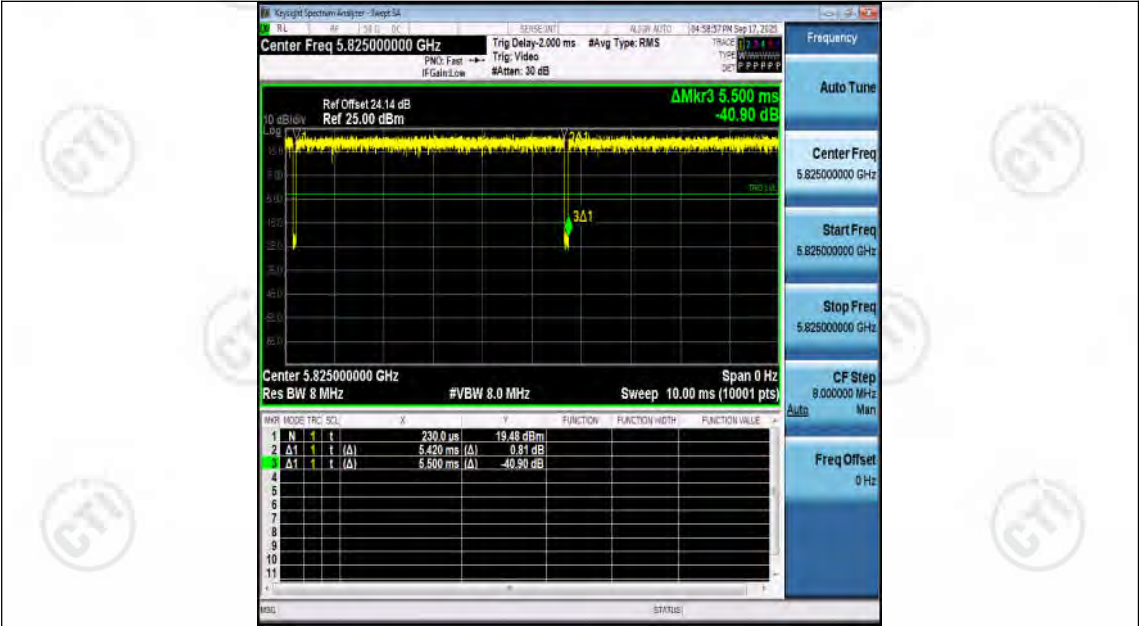
NTNV-11AC20MIMO-Ant2-5745



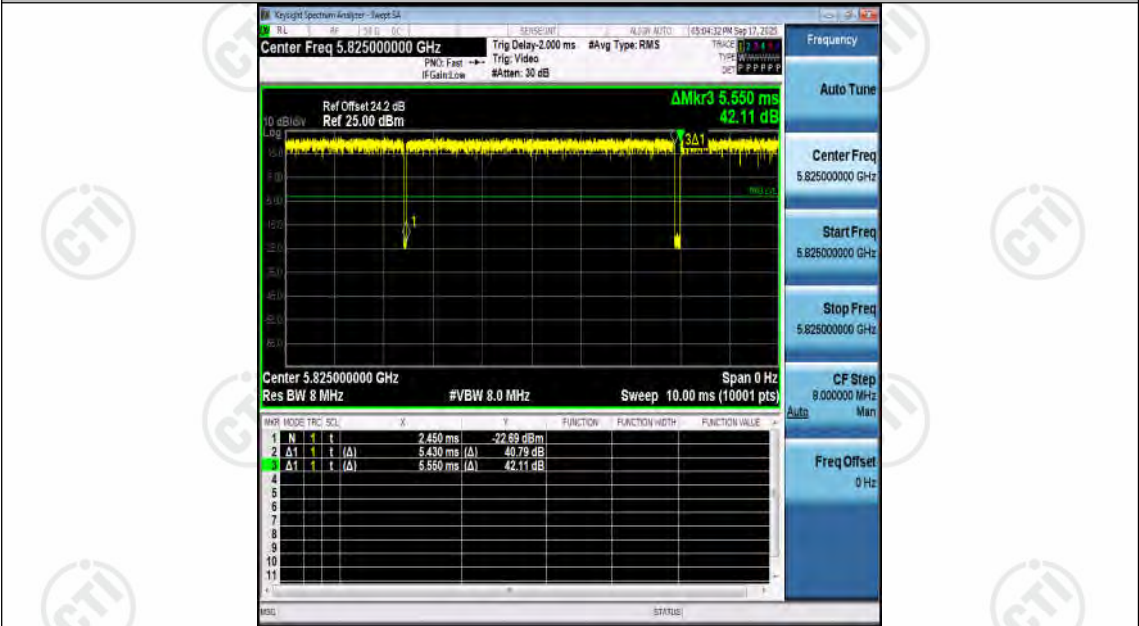
NTNV-11AC20MIMO-Ant1-5785



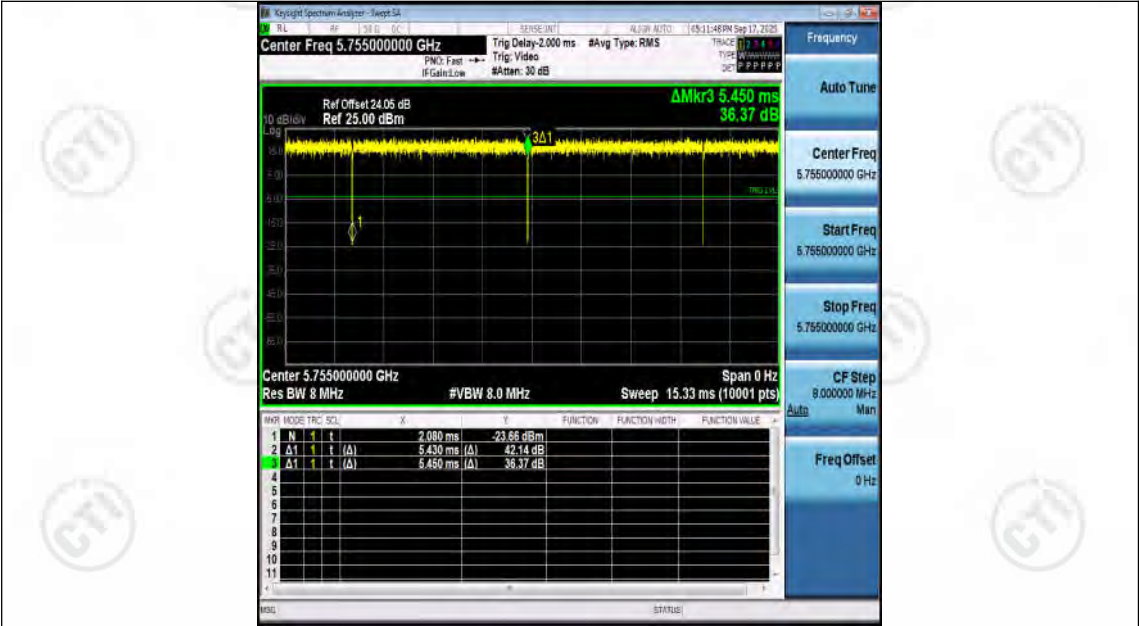
NTNV-11AC20MIMO-Ant2-5785



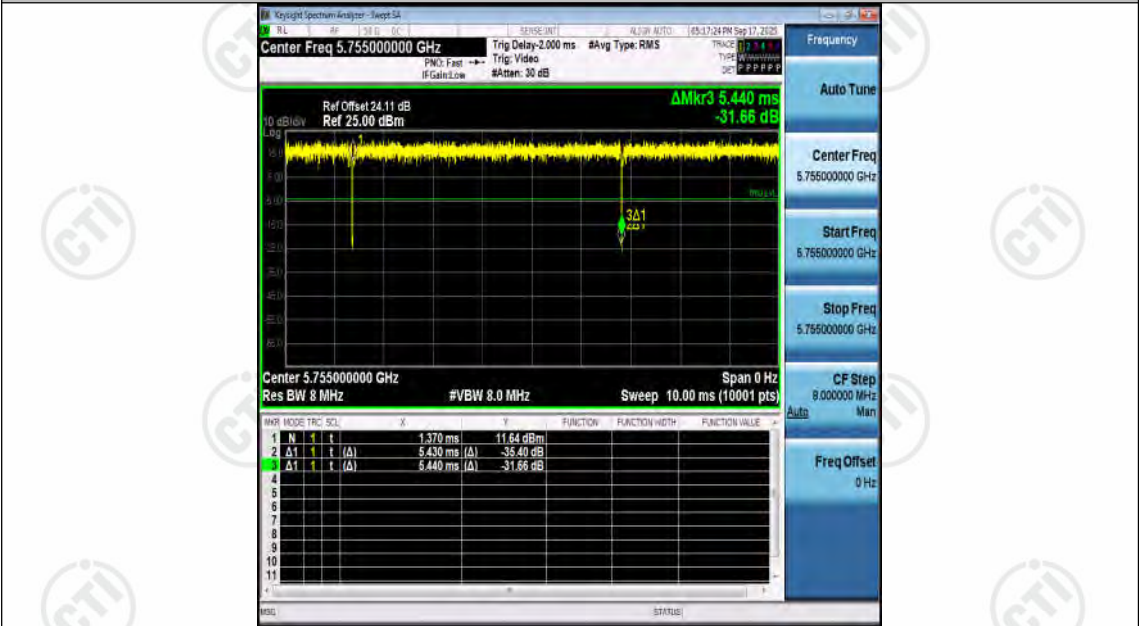
NTNV-11AC20MIMO-Ant1-5825



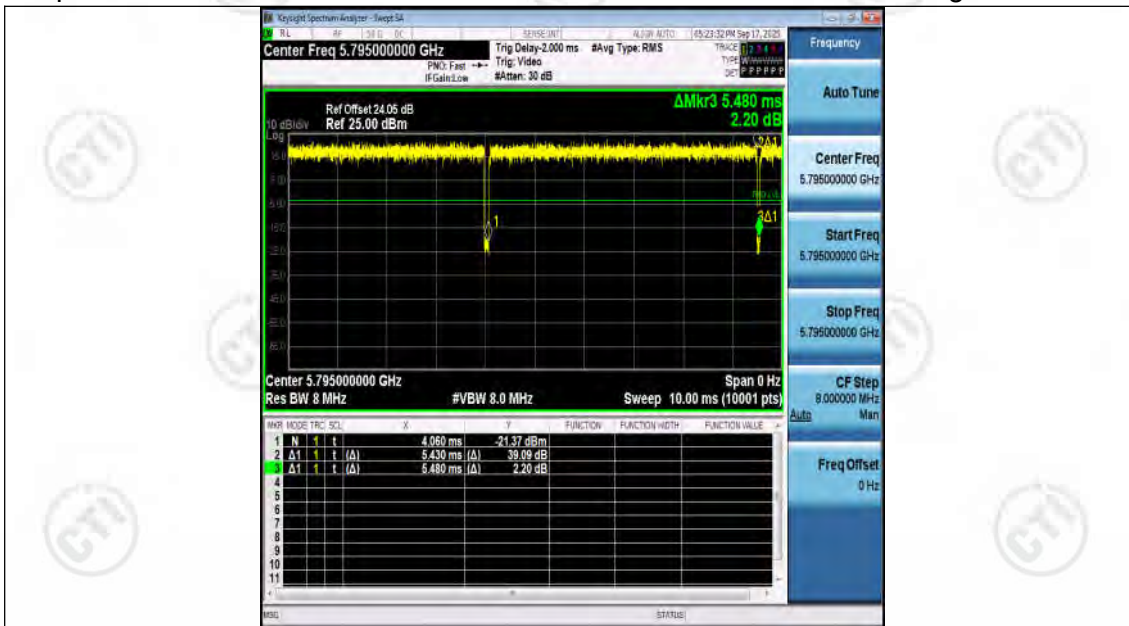
NTNV-11AC20MIMO-Ant2-5825



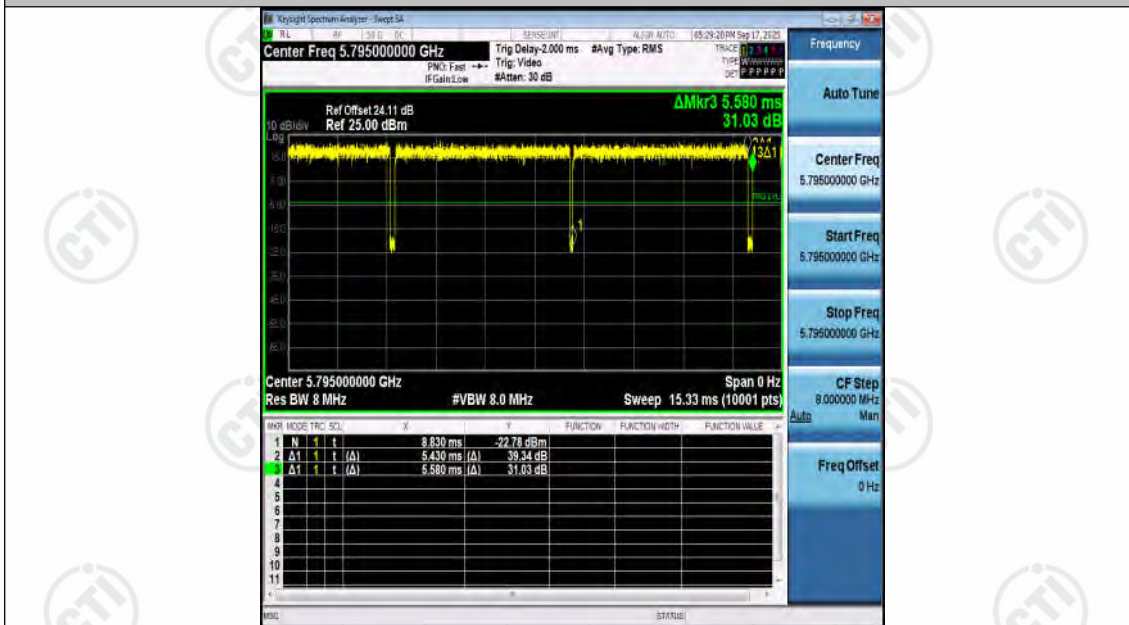
NTNV-11AC40MIMO-Ant1-5755



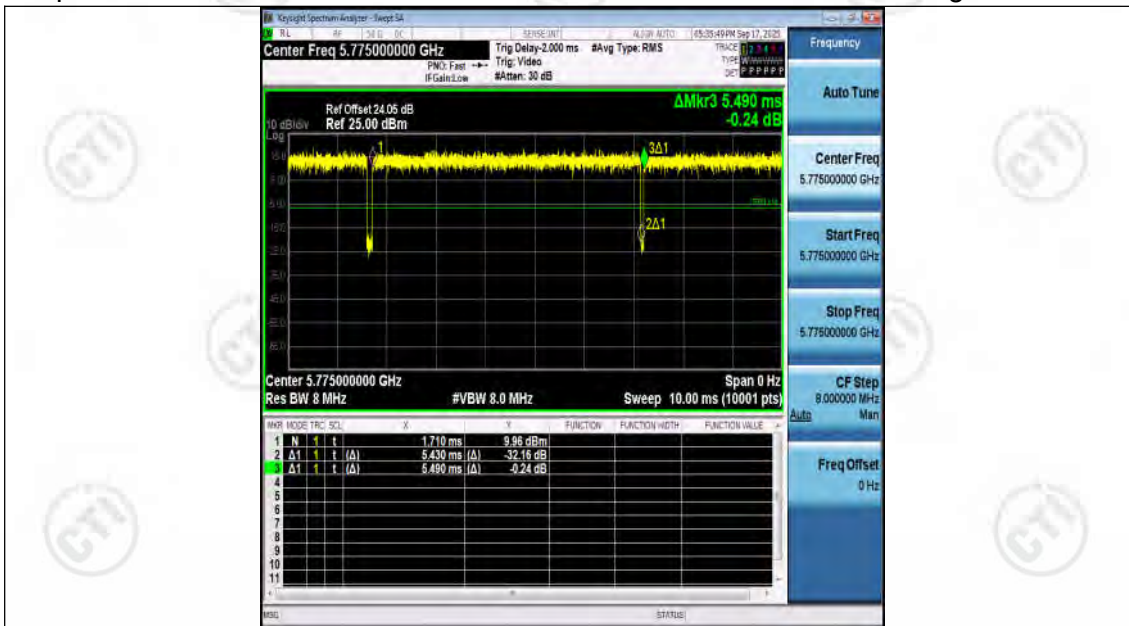
NTNV-11AC40MIMO-Ant2-5755



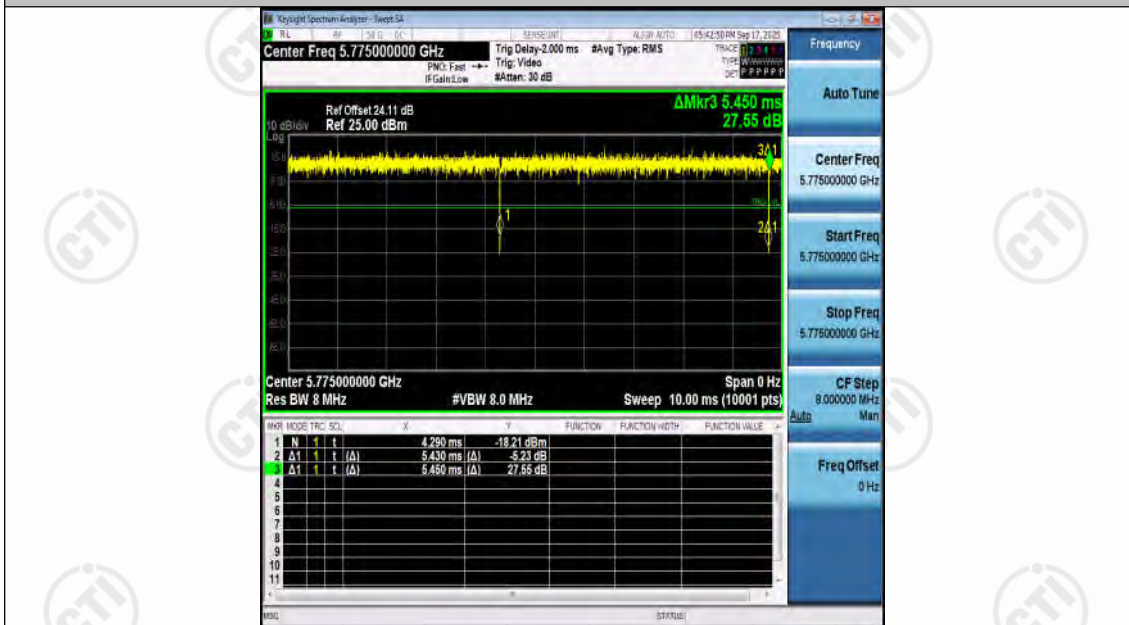
NTNV-11AC40MIMO-Ant1-5795



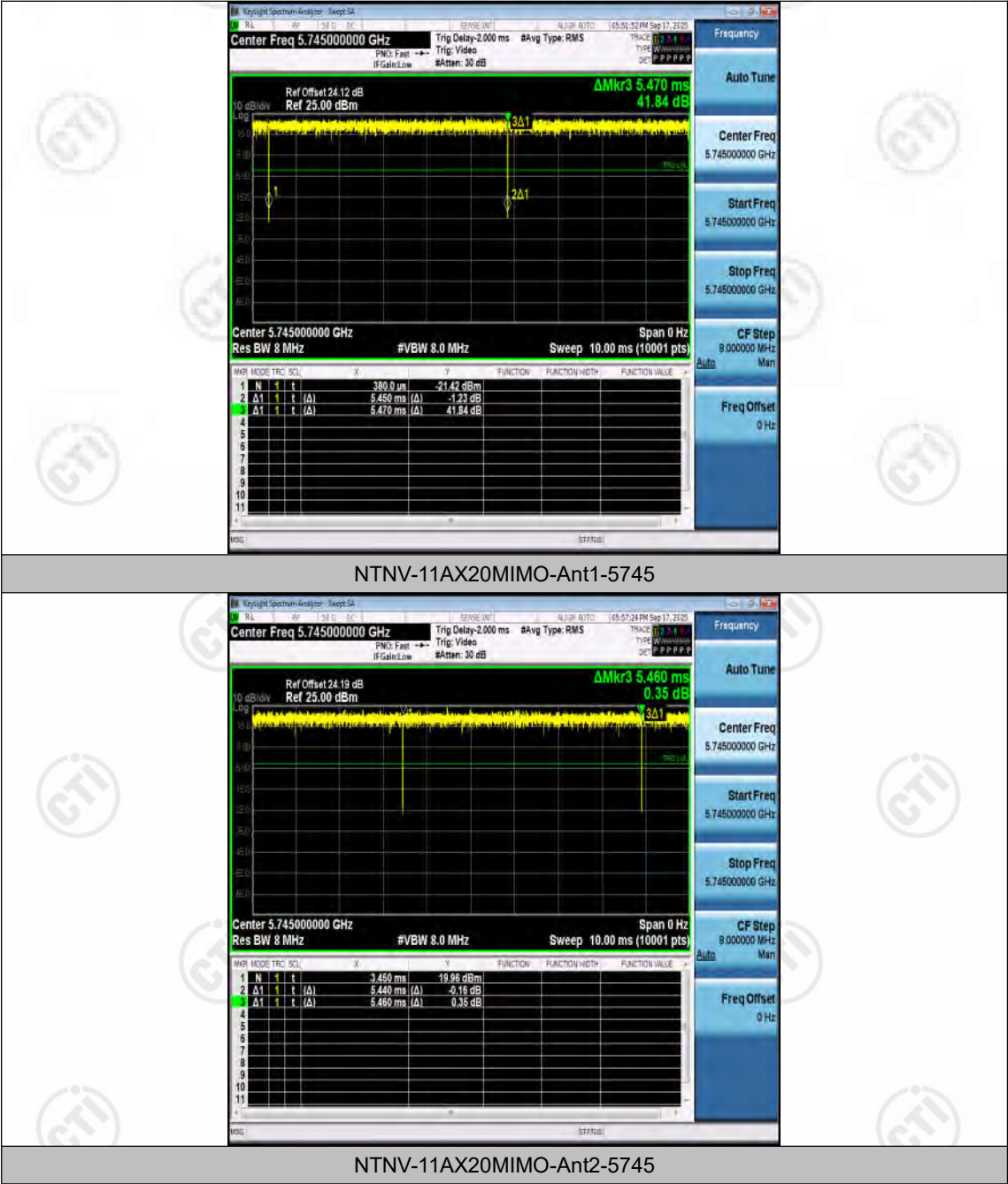
NTNV-11AC40MIMO-Ant2-5795

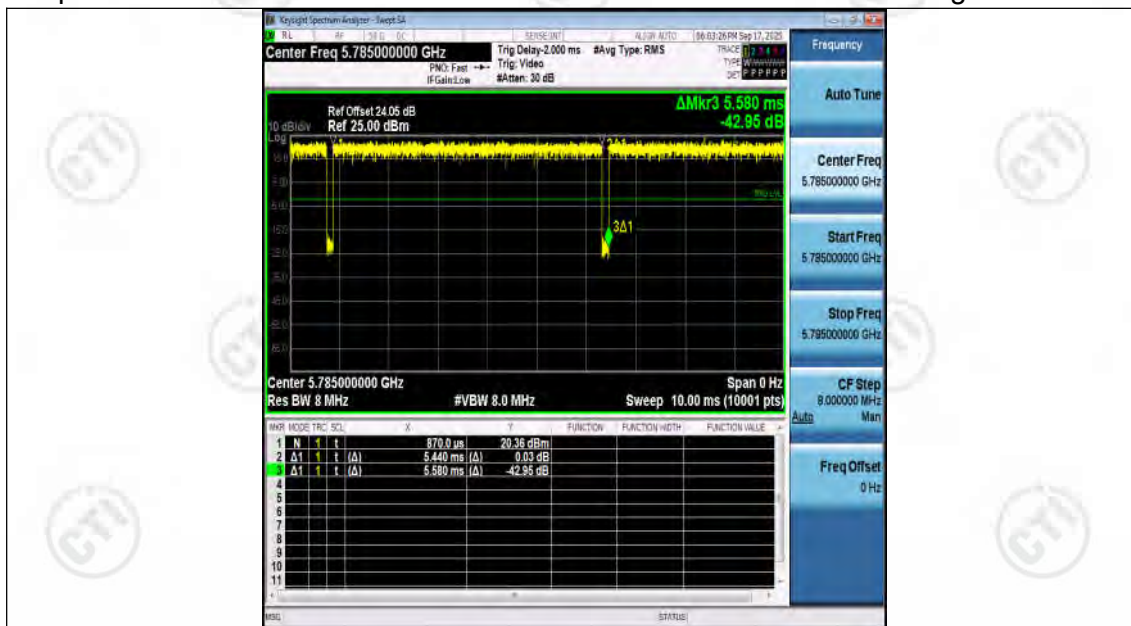


NTNV-11AC80MIMO-Ant1-5775

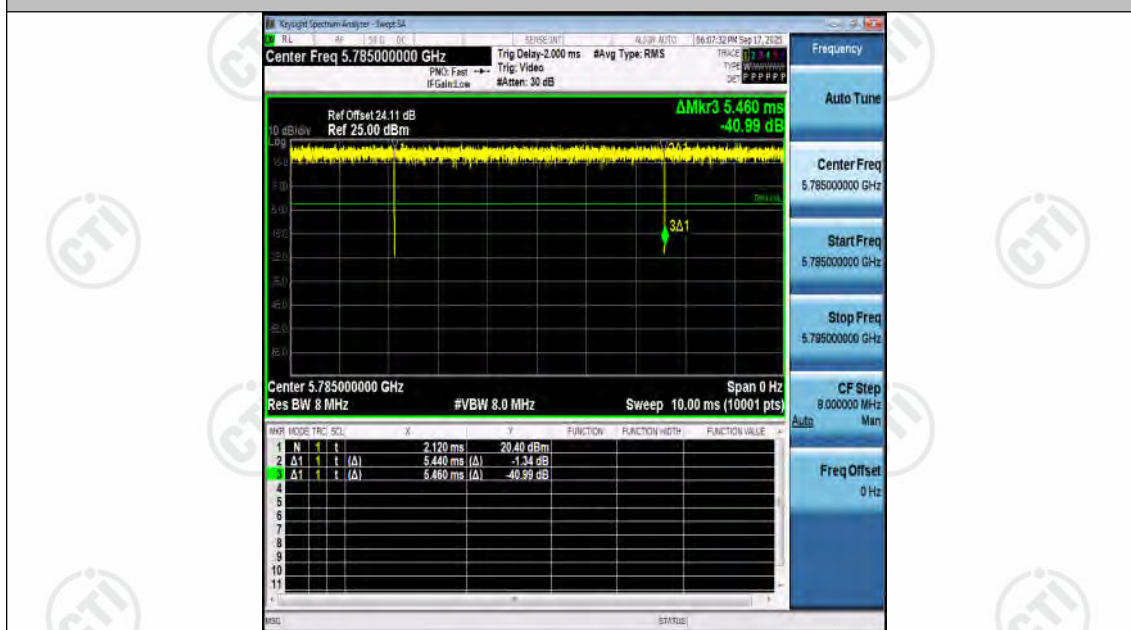


NTNV-11AC80MIMO-Ant2-5775

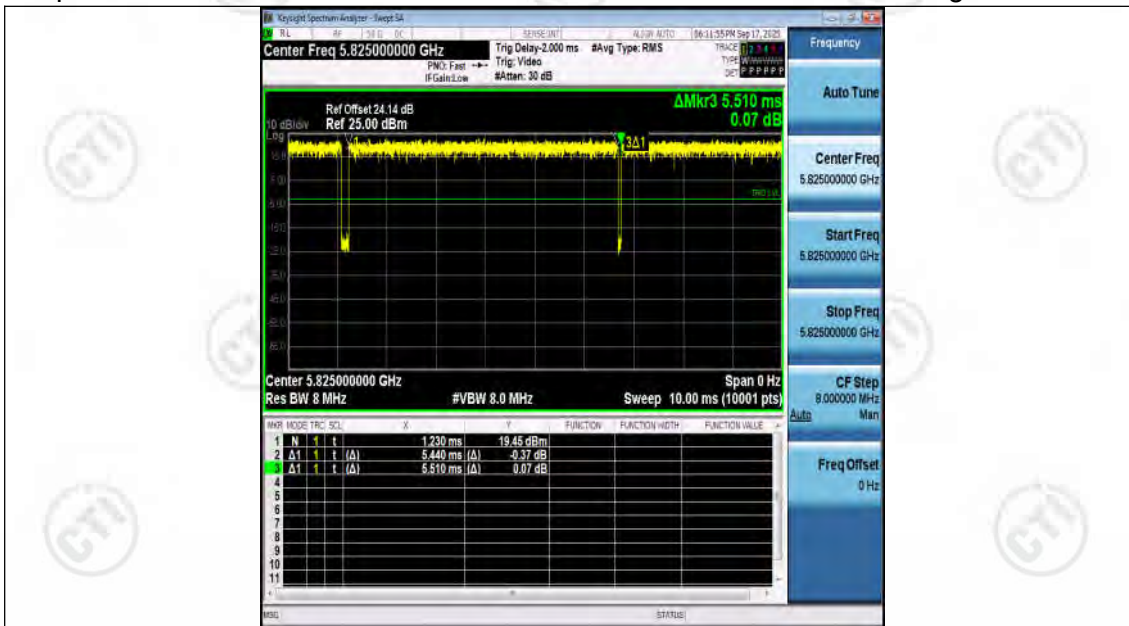




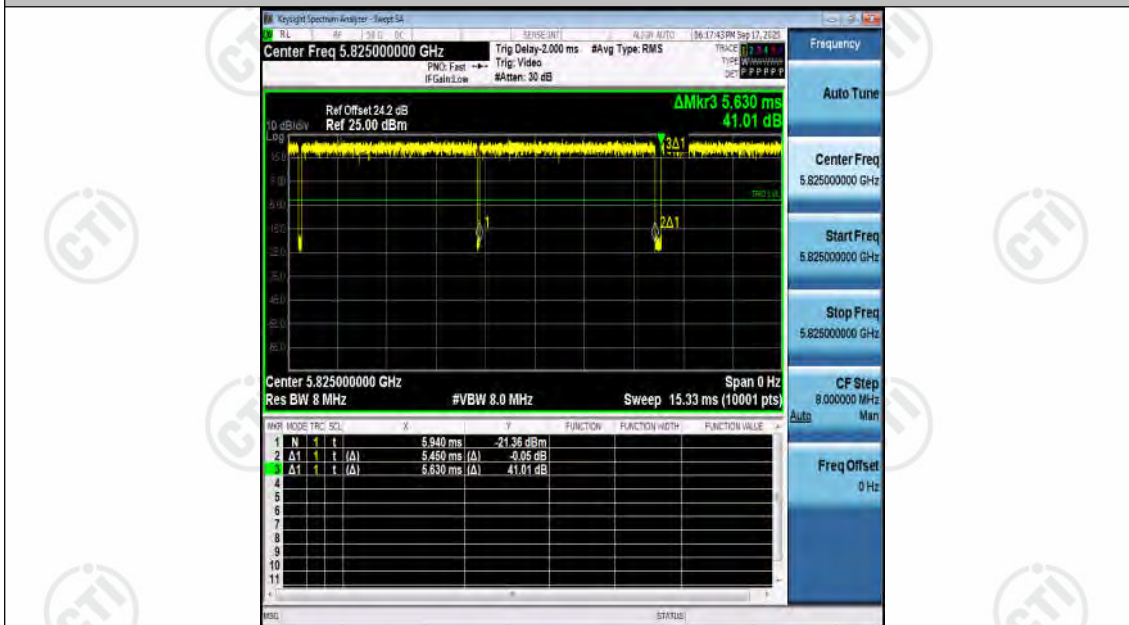
NTNV-11AX20MIMO-Ant1-5785



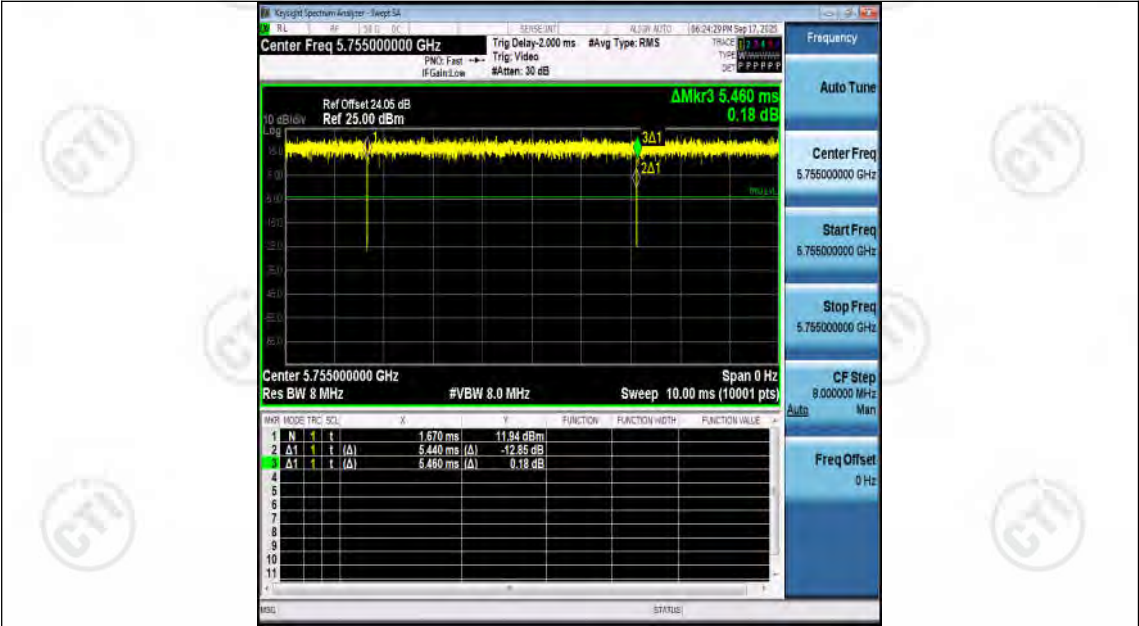
NTNV-11AX20MIMO-Ant2-5785



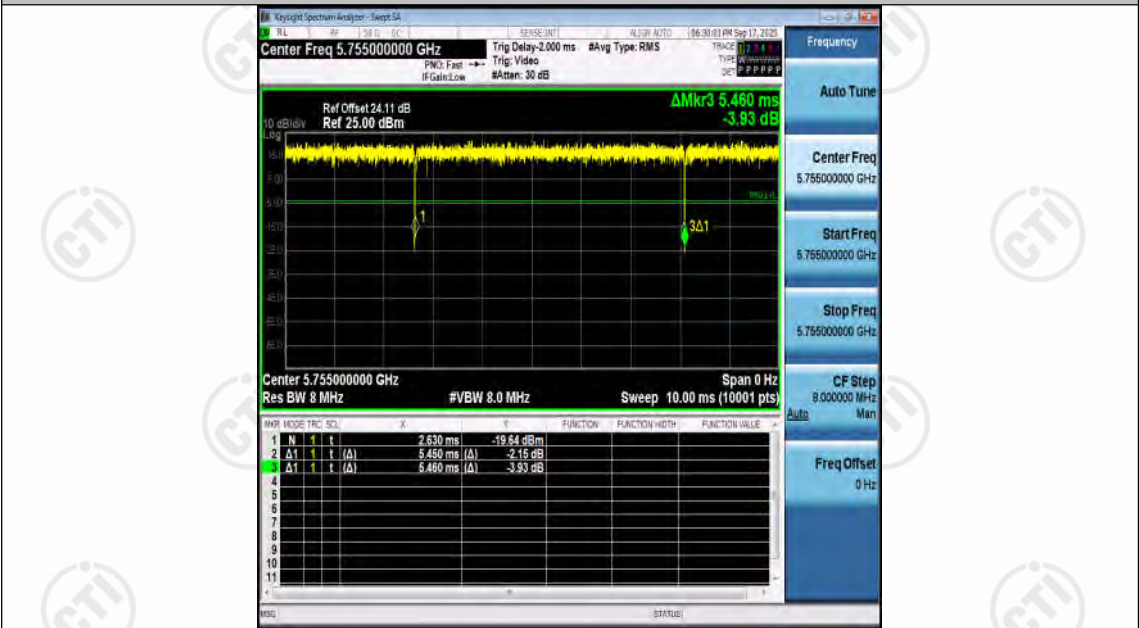
NTNV-11AX20MIMO-Ant1-5825



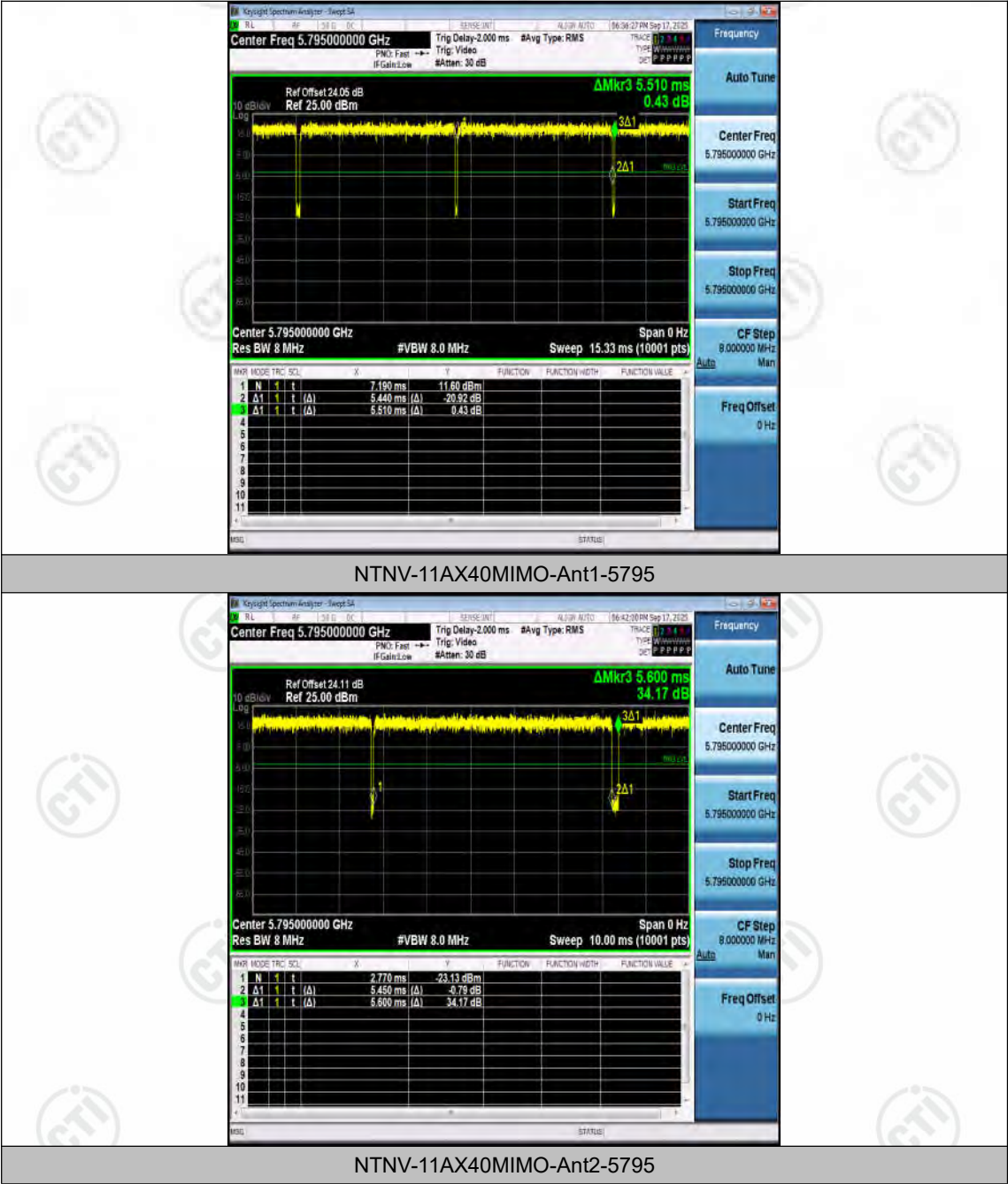
NTNV-11AX20MIMO-Ant2-5825

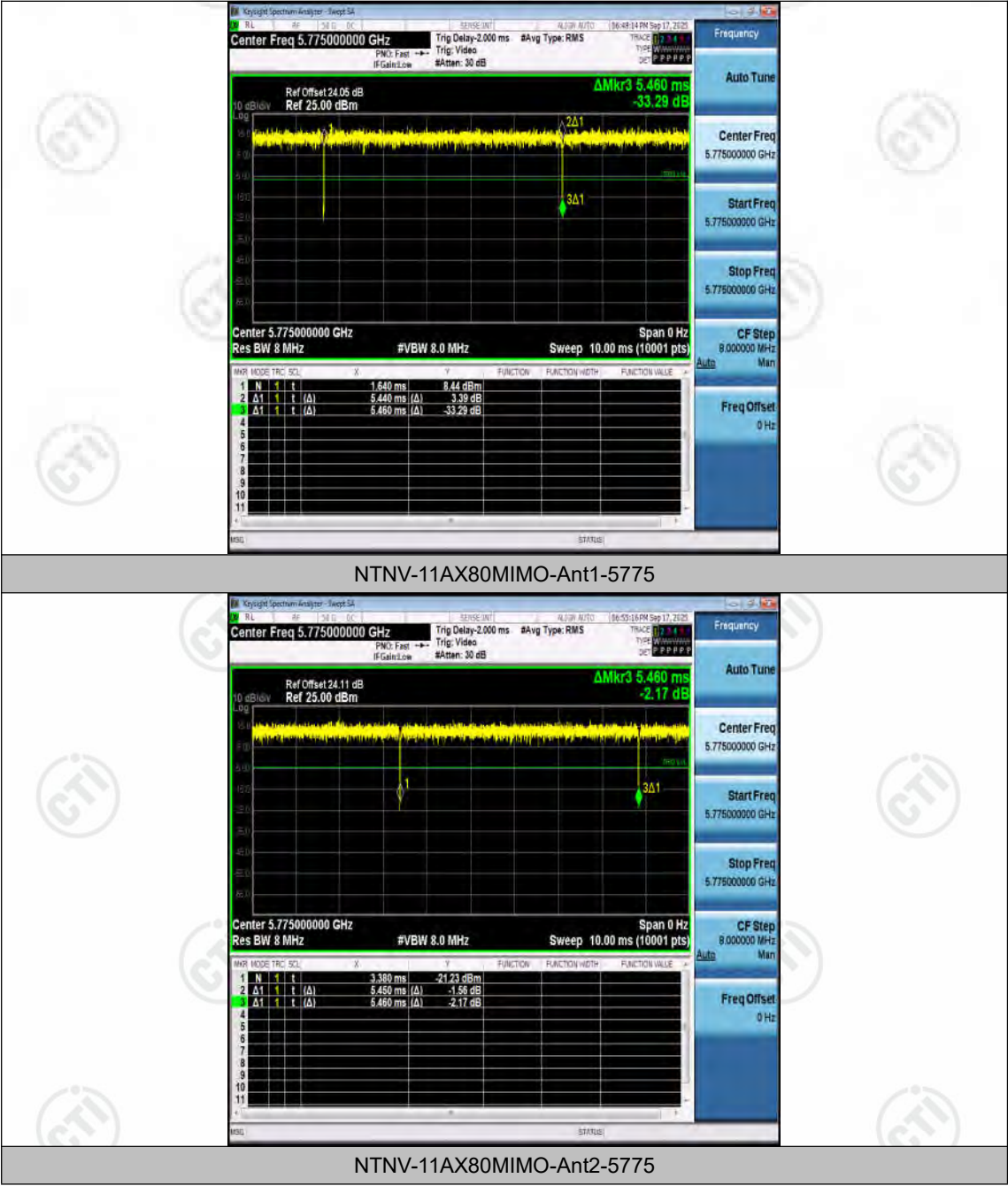


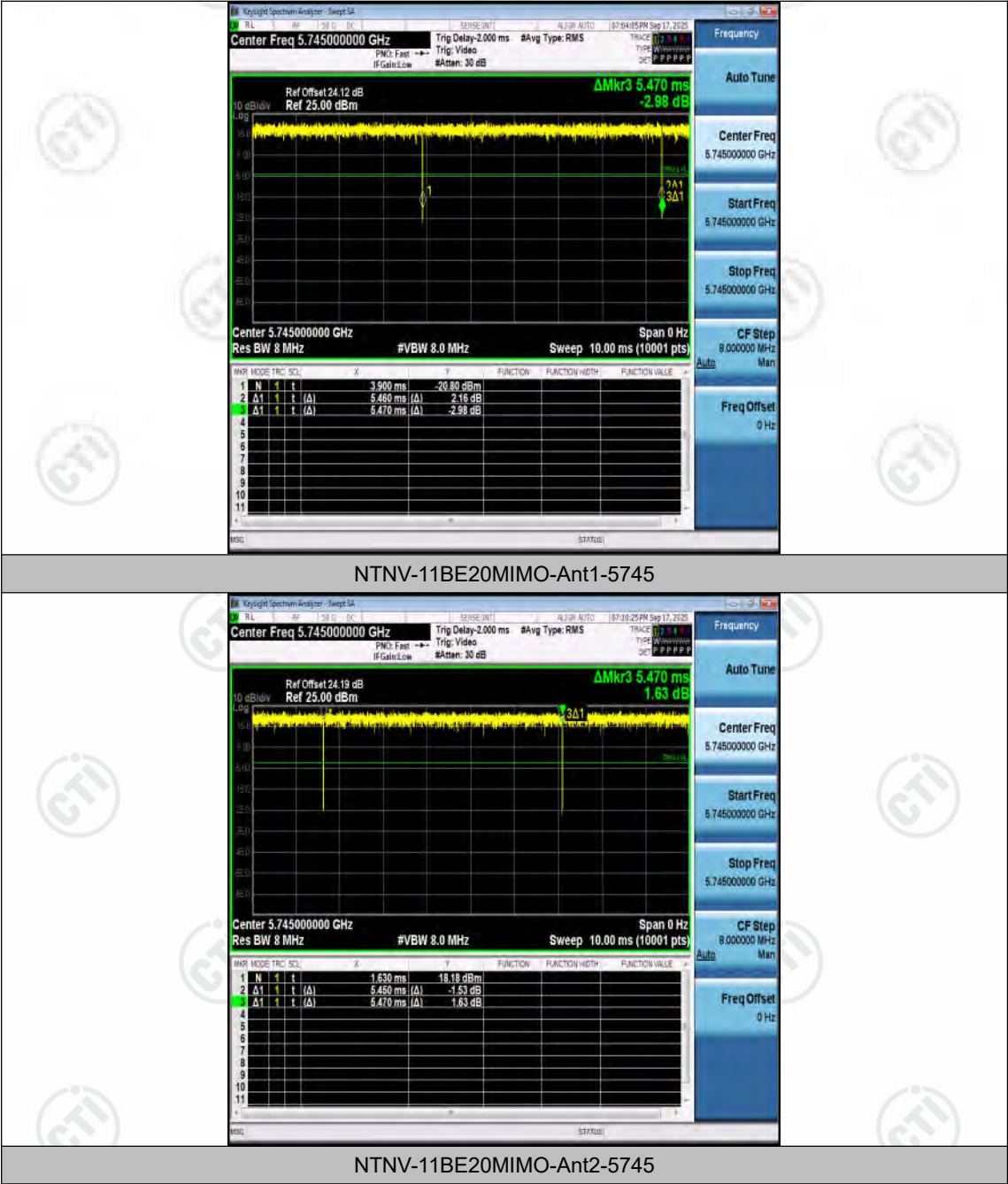
NTVN-11AX40MIMO-Ant1-5755

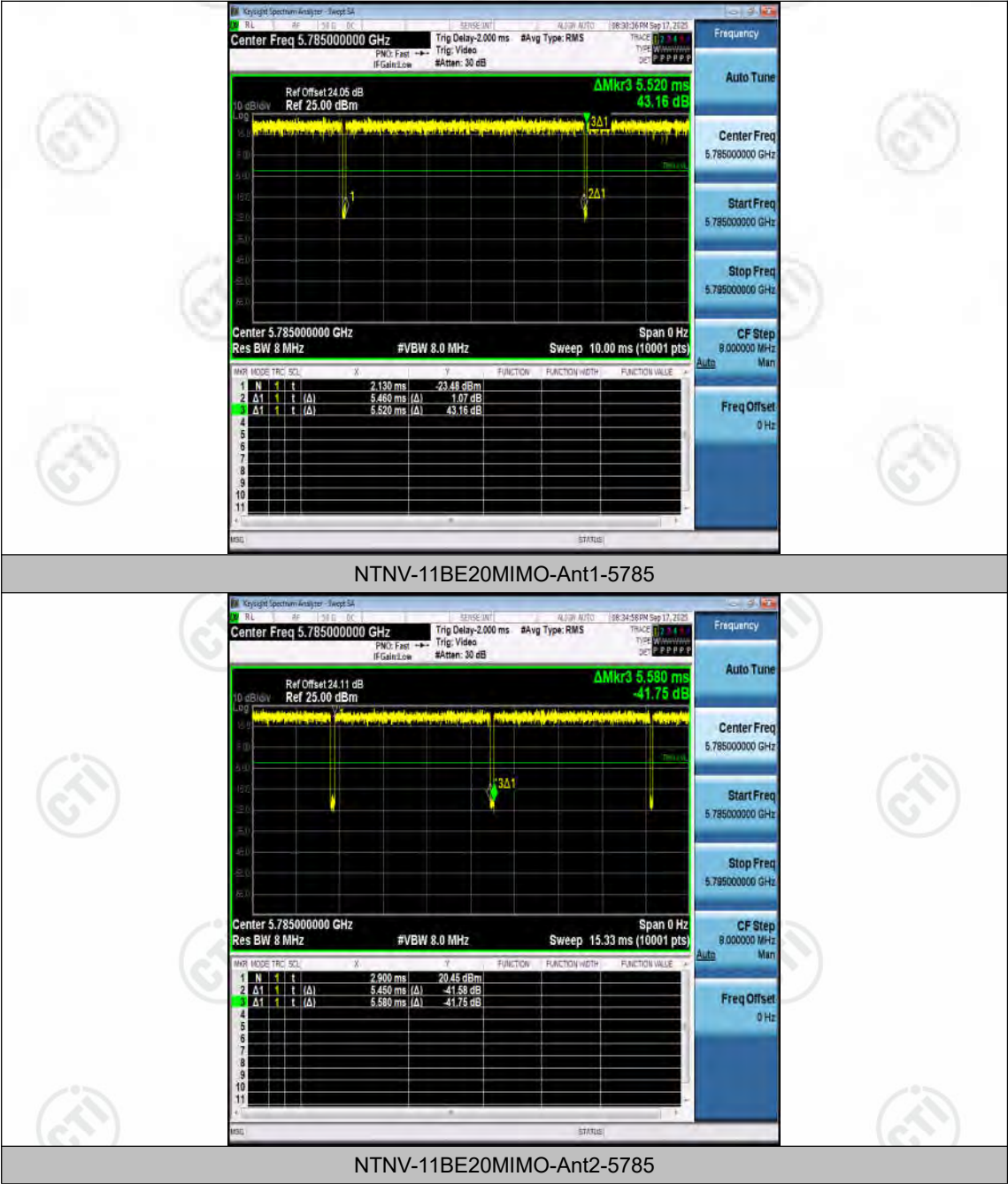


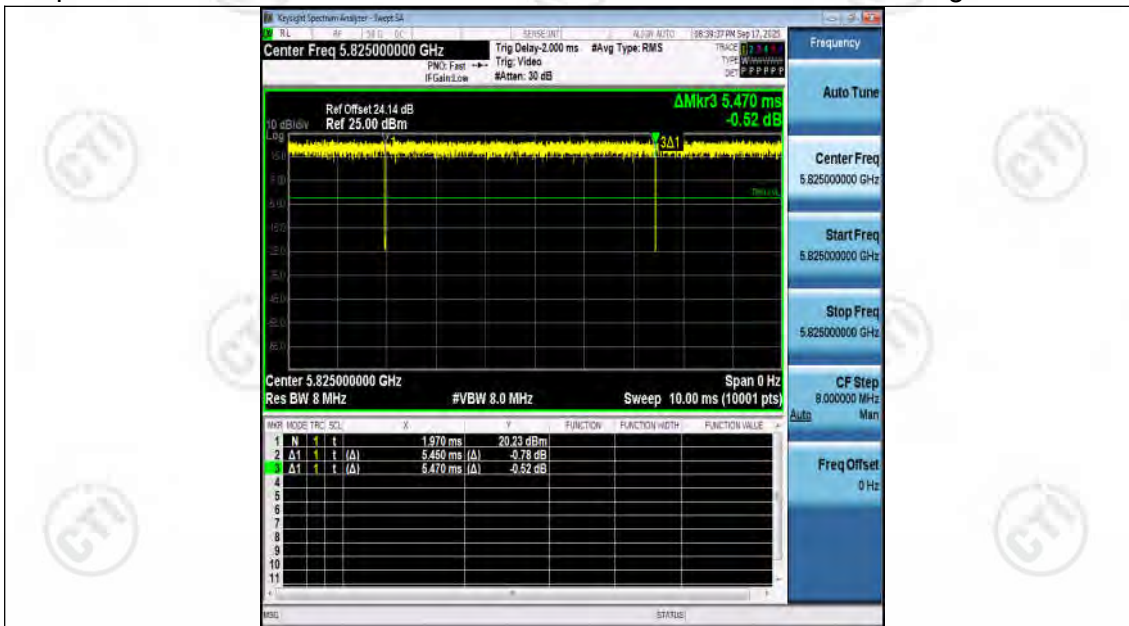
NTVN-11AX40MIMO-Ant2-5755



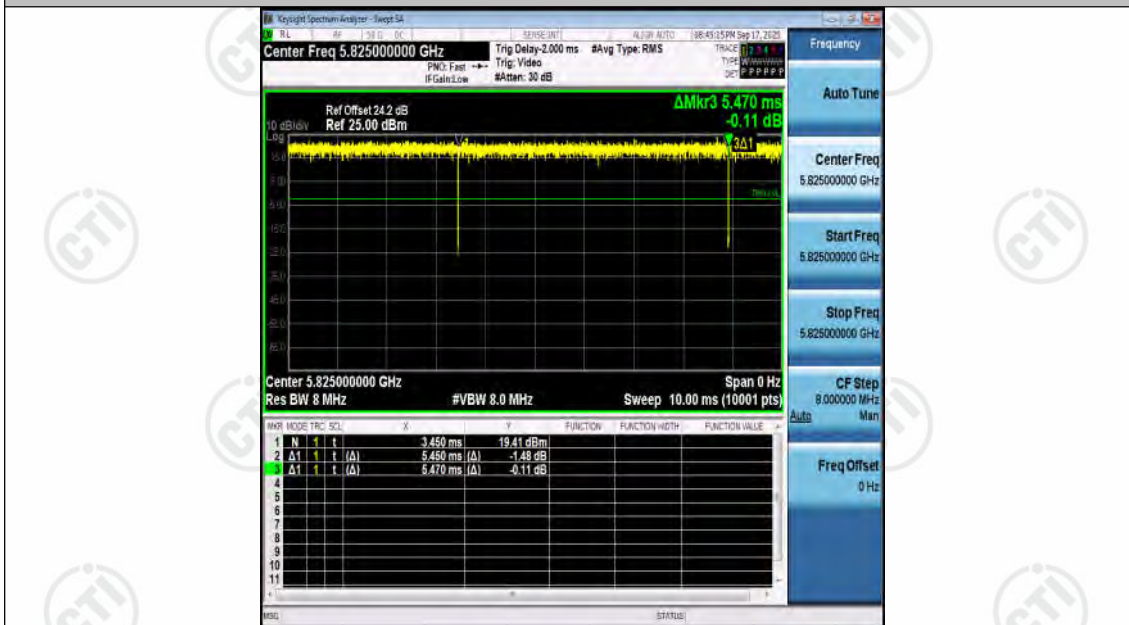




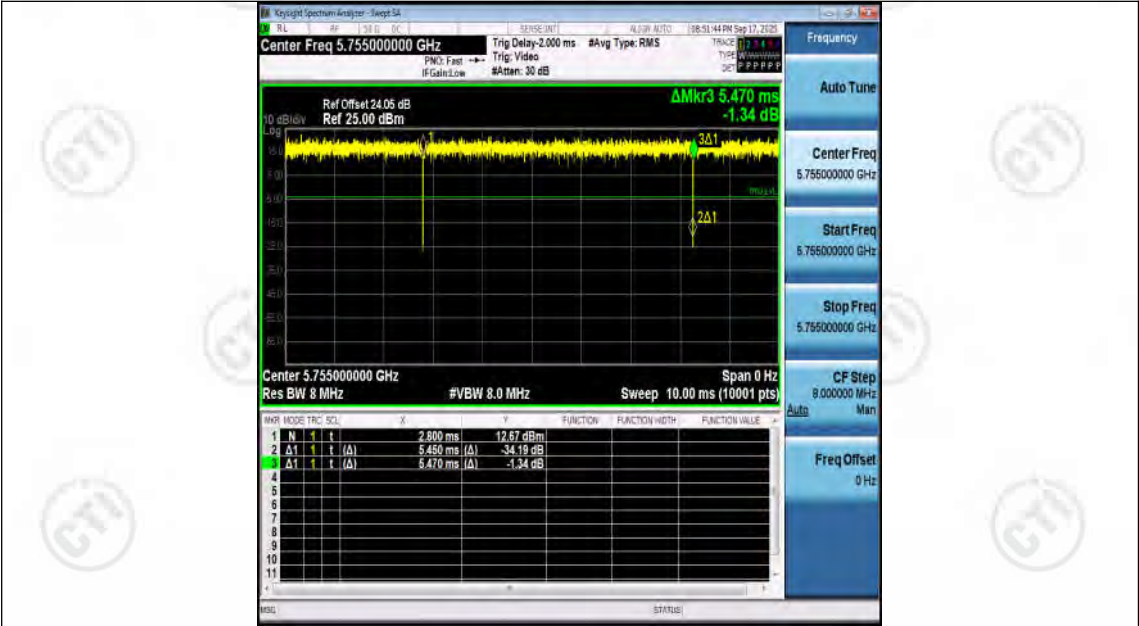




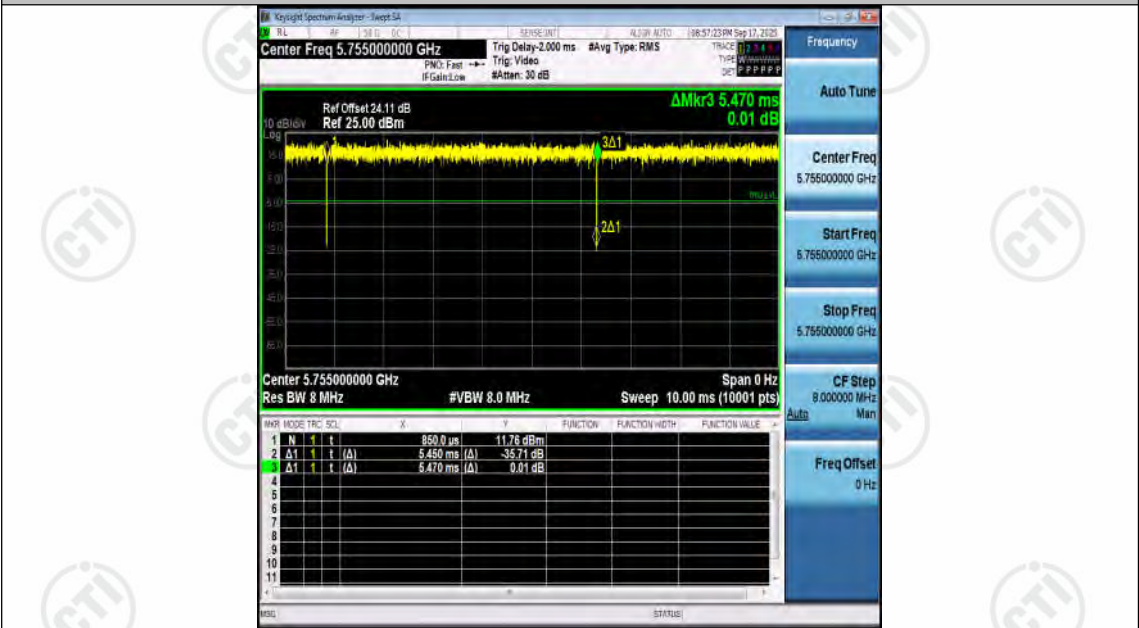
NTVN-11BE20MIMO-Ant1-5825



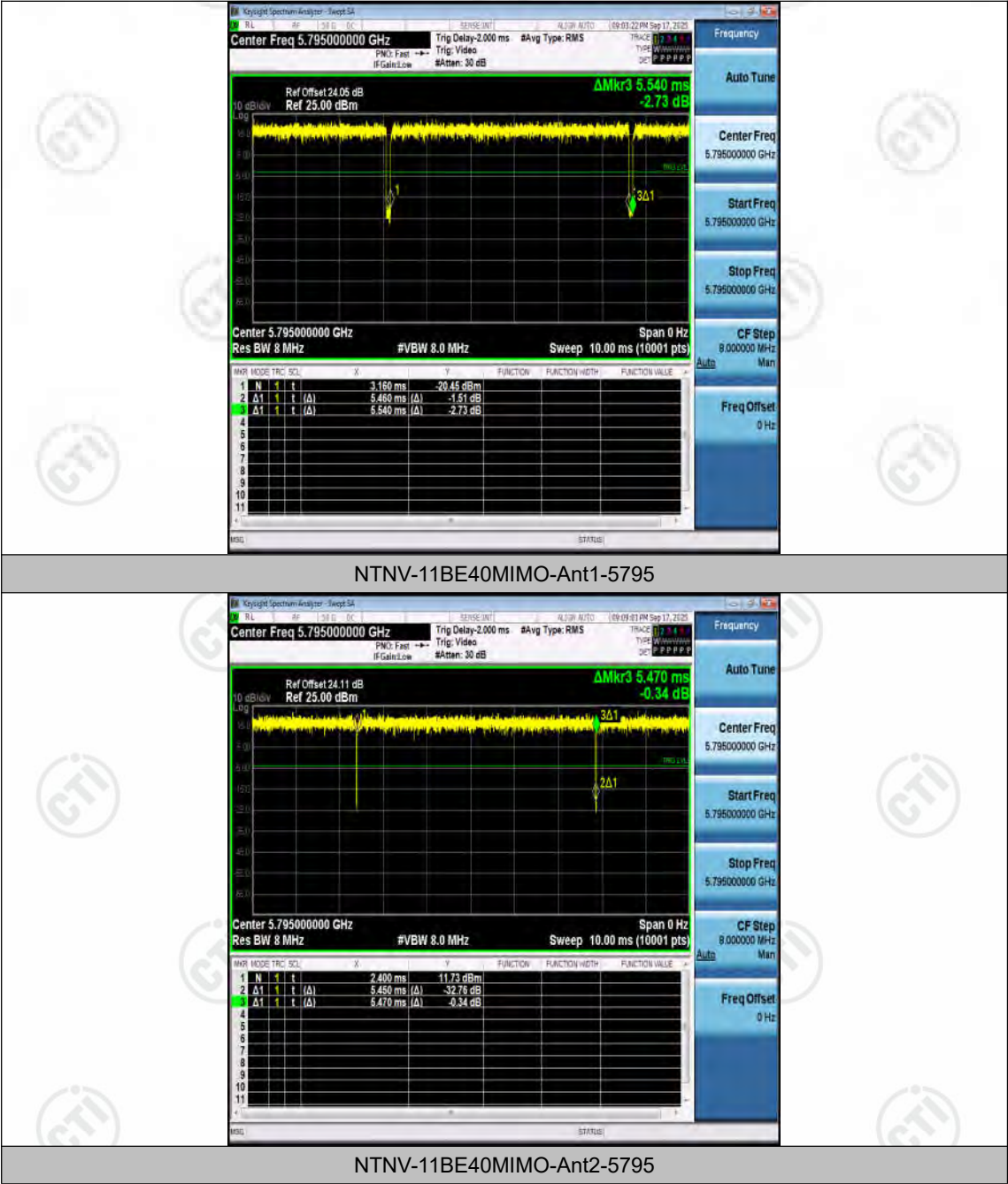
NTVN-11BE20MIMO-Ant2-5825

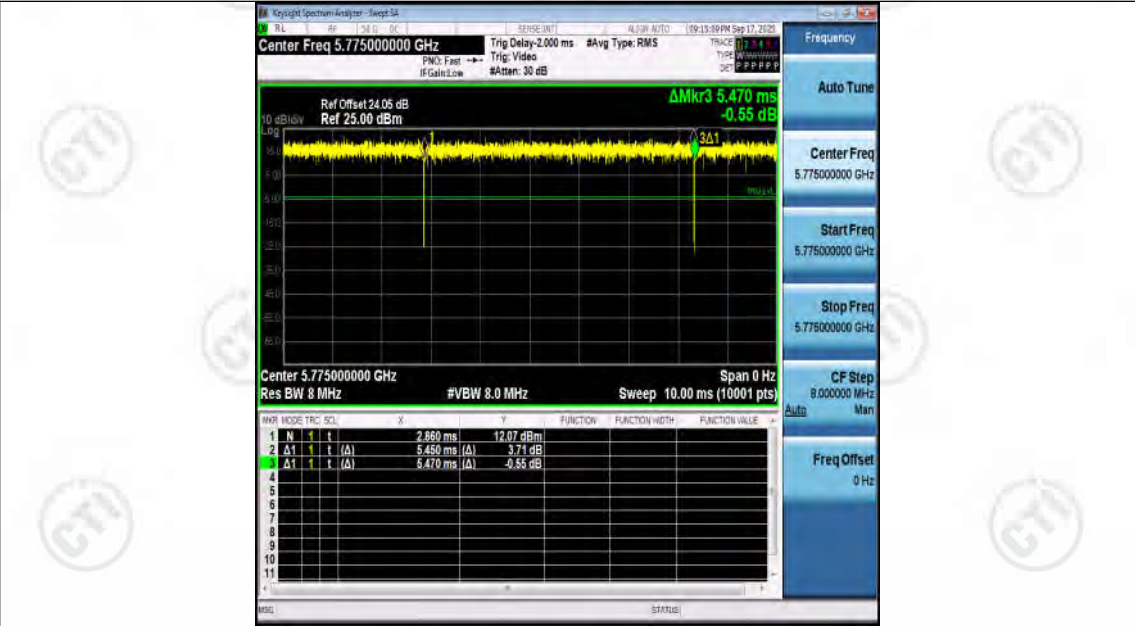


NTNV-11BE40MIMO-Ant1-5755

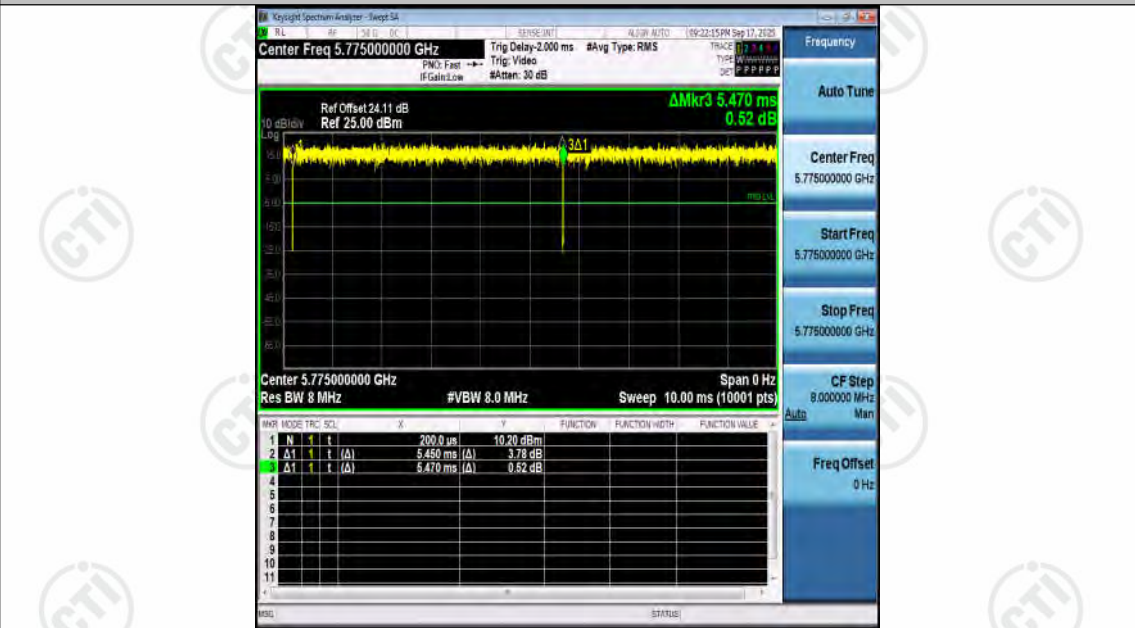


NTNV-11BE40MIMO-Ant2-5755





NTVN-11BE80MIMO-Ant1-5775



NTVN-11BE80MIMO-Ant2-5775

Appendix C: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Frequency [MHz]	TPC	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11A	Ant1	5745	NA	20.34	99.00	0.04	20.38	≤30.00	2.94	23.32	---	PASS
11A	Ant2	5745	NA	20.21	99.00	0.04	20.25	≤30.00	2.99	23.24	---	PASS
11A	Ant1	5785	NA	20.68	98.99	0.04	20.72	≤30.00	2.94	23.66	---	PASS
11A	Ant2	5785	NA	20.61	99.00	0.04	20.65	≤30.00	2.99	23.64	---	PASS
11A	Ant1	5825	NA	20.14	99.00	0.04	20.18	≤30.00	2.94	23.12	---	PASS
11A	Ant2	5825	NA	20.10	99.00	0.04	20.14	≤30.00	2.99	23.13	---	PASS
11N20MI MO	Ant1	5745	NA	-12.62	99.63	0.02	-12.60	≤30.00	2.94	-9.66	---	PASS
11N20MI MO	Ant2	5745	NA	-12.68	99.63	0.02	-12.66	≤30.00	2.99	-9.67	---	PASS
11N20MI MO	total	5745	NA	---	---	---	-9.62	≤30.00	---	-6.65	---	PASS
11N20MI MO	Ant1	5785	NA	18.06	96.96	0.13	18.19	≤30.00	2.94	21.13	---	PASS
11N20MI MO	Ant2	5785	NA	17.94	99.63	0.02	17.96	≤30.00	2.99	20.95	---	PASS
11N20MI MO	total	5785	NA	---	---	---	21.09	≤30.00	---	24.05	---	PASS
11N20MI MO	Ant1	5825	NA	18.08	97.31	0.12	18.20	≤30.00	2.94	21.14	---	PASS
11N20MI MO	Ant2	5825	NA	18.01	97.84	0.09	18.10	≤30.00	2.99	21.09	---	PASS
11N20MI MO	total	5825	NA	---	---	---	21.16	≤30.00	---	24.13	---	PASS
11N40MI MO	Ant1	5755	NA	18.14	99.82	0.01	18.15	≤30.00	2.94	21.09	---	PASS
11N40MI MO	Ant2	5755	NA	17.53	99.63	0.02	17.55	≤30.00	2.99	20.54	---	PASS
11N40MI MO	total	5755	NA	---	---	---	20.87	≤30.00	---	23.83	---	PASS
11N40MI MO	Ant1	5795	NA	17.84	96.96	0.13	17.97	≤30.00	2.94	20.91	---	PASS
11N40MI MO	Ant2	5795	NA	17.25	99.63	0.02	17.27	≤30.00	2.99	20.26	---	PASS
11N40MI MO	total	5795	NA	---	---	---	20.64	≤30.00	---	23.61	---	PASS

11AC20M IMO	Ant1	5745	NA	17.72	96.62	0.15	17.87	≤30.00	2.94	20.81	---	PASS
11AC20M IMO	Ant2	5745	NA	17.37	99.63	0.02	17.39	≤30.00	2.99	20.38	---	PASS
11AC20M IMO	total	5745	NA	---	---	---	20.65	≤30.00	---	23.61	---	PASS
11AC20M IMO	Ant1	5785	NA	18.02	98.01	0.09	18.11	≤30.00	2.94	21.05	---	PASS
11AC20M IMO	Ant2	5785	NA	17.76	98.01	0.09	17.85	≤30.00	2.99	20.84	---	PASS
11AC20M IMO	total	5785	NA	---	---	---	20.99	≤30.00	---	23.96	---	PASS
11AC20M IMO	Ant1	5825	NA	17.53	98.55	0.06	17.59	≤30.00	2.94	20.53	---	PASS
11AC20M IMO	Ant2	5825	NA	17.16	97.84	0.09	17.25	≤30.00	2.99	20.24	---	PASS
11AC20M IMO	total	5825	NA	---	---	---	20.43	≤30.00	---	23.40	---	PASS
11AC40M IMO	Ant1	5755	NA	17.51	99.63	0.02	17.53	≤30.00	2.94	20.47	---	PASS
11AC40M IMO	Ant2	5755	NA	17.13	99.82	0.01	17.14	≤30.00	2.99	20.13	---	PASS
11AC40M IMO	total	5755	NA	---	---	---	20.35	≤30.00	---	23.31	---	PASS
11AC40M IMO	Ant1	5795	NA	18.17	99.09	0.04	18.21	≤30.00	2.94	21.15	---	PASS
11AC40M IMO	Ant2	5795	NA	17.55	97.31	0.12	17.67	≤30.00	2.99	20.66	---	PASS
11AC40M IMO	total	5795	NA	---	---	---	20.96	≤30.00	---	23.92	---	PASS
11AC80M IMO	Ant1	5775	NA	16.57	98.91	0.05	16.62	≤30.00	2.94	19.56	---	PASS
11AC80M IMO	Ant2	5775	NA	16.11	99.63	0.02	16.13	≤30.00	2.99	19.12	---	PASS
11AC80M IMO	total	5775	NA	---	---	---	19.39	≤30.00	---	22.36	---	PASS
11AX20M IMO	Ant1	5745	NA	17.84	99.63	0.02	17.86	≤30.00	2.94	20.80	---	PASS
11AX20M IMO	Ant2	5745	NA	17.50	99.63	0.02	17.52	≤30.00	2.99	20.51	---	PASS
11AX20M IMO	total	5745	NA	---	---	---	20.70	≤30.00	---	23.67	---	PASS
11AX20M	Ant1	5785	NA	18.08	97.49	0.11	18.19	≤30.00	2.94	21.13	---	PASS

IMO												
11AX20M IMO	Ant2	5785	NA	17.84	99.63	0.02	17.86	≤30.00	2.99	20.85	---	PASS
11AX20M IMO	total	5785	NA	---	---	---	21.04	≤30.00	---	24.00	---	PASS
11AX20M IMO	Ant1	5825	NA	17.79	98.73	0.06	17.85	≤30.00	2.94	20.79	---	PASS
11AX20M IMO	Ant2	5825	NA	17.27	96.80	0.14	17.41	≤30.00	2.99	20.40	---	PASS
11AX20M IMO	total	5825	NA	---	---	---	20.65	≤30.00	---	23.61	---	PASS
11AX40M IMO	Ant1	5755	NA	17.58	99.63	0.02	17.60	≤30.00	2.94	20.54	---	PASS
11AX40M IMO	Ant2	5755	NA	17.14	99.82	0.01	17.15	≤30.00	2.99	20.14	---	PASS
11AX40M IMO	total	5755	NA	---	---	---	20.39	≤30.00	---	23.35	---	PASS
11AX40M IMO	Ant1	5795	NA	17.82	98.73	0.06	17.88	≤30.00	2.94	20.82	---	PASS
11AX40M IMO	Ant2	5795	NA	17.33	97.32	0.12	17.45	≤30.00	2.99	20.44	---	PASS
11AX40M IMO	total	5795	NA	---	---	---	20.68	≤30.00	---	23.64	---	PASS
11AX80M IMO	Ant1	5775	NA	16.44	99.63	0.02	16.46	≤30.00	2.94	19.40	---	PASS
11AX80M IMO	Ant2	5775	NA	15.93	99.82	0.01	15.94	≤30.00	2.99	18.93	---	PASS
11AX80M IMO	total	5775	NA	---	---	---	19.22	≤30.00	---	22.18	---	PASS
11BE20M IMO	Ant1	5745	NA	17.90	99.82	0.01	17.91	≤30.00	2.94	20.85	---	PASS
11BE20M IMO	Ant2	5745	NA	17.50	99.63	0.02	17.52	≤30.00	2.99	20.51	---	PASS
11BE20M IMO	total	5745	NA	---	---	---	20.73	≤30.00	---	23.69	---	PASS
11BE20M IMO	Ant1	5785	NA	18.08	98.91	0.05	18.13	≤30.00	2.94	21.07	---	PASS
11BE20M IMO	Ant2	5785	NA	17.84	97.67	0.10	17.94	≤30.00	2.99	20.93	---	PASS
11BE20M IMO	total	5785	NA	---	---	---	21.05	≤30.00	---	24.01	---	PASS
11BE20M IMO	Ant1	5825	NA	17.69	99.63	0.02	17.71	≤30.00	2.94	20.65	---	PASS

11BE20M IMO	Ant2	5825	NA	17.38	99.63	0.02	17.40	≤30.00	2.99	20.39	---	PASS
11BE20M IMO	total	5825	NA	---	---	---	20.57	≤30.00	---	23.53	---	PASS
11BE40M IMO	Ant1	5755	NA	17.65	99.63	0.02	17.67	≤30.00	2.94	20.61	---	PASS
11BE40M IMO	Ant2	5755	NA	17.24	99.63	0.02	17.26	≤30.00	2.99	20.25	---	PASS
11BE40M IMO	total	5755	NA	---	---	---	20.48	≤30.00	---	23.44	---	PASS
11BE40M IMO	Ant1	5795	NA	17.91	98.56	0.06	17.97	≤30.00	2.94	20.91	---	PASS
11BE40M IMO	Ant2	5795	NA	17.36	99.63	0.02	17.38	≤30.00	2.99	20.37	---	PASS
11BE40M IMO	total	5795	NA	---	---	---	20.70	≤30.00	---	23.66	---	PASS
11BE80M IMO	Ant1	5775	NA	16.86	99.63	0.02	16.88	≤30.00	2.94	19.82	---	PASS
11BE80M IMO	Ant2	5775	NA	16.57	99.63	0.02	16.59	≤30.00	2.99	19.58	---	PASS
11BE80M IMO	total	5775	NA	---	---	---	19.75	≤30.00	---	22.71	---	PASS

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

Test Graphs Channel Power

