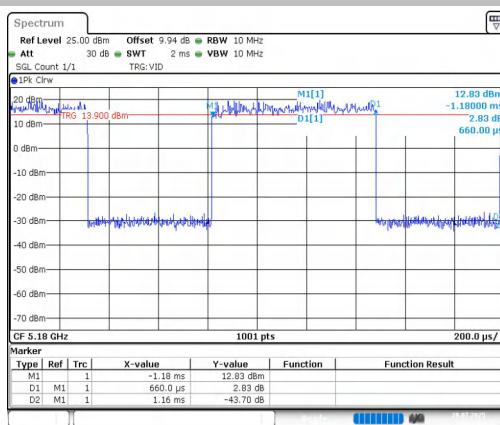
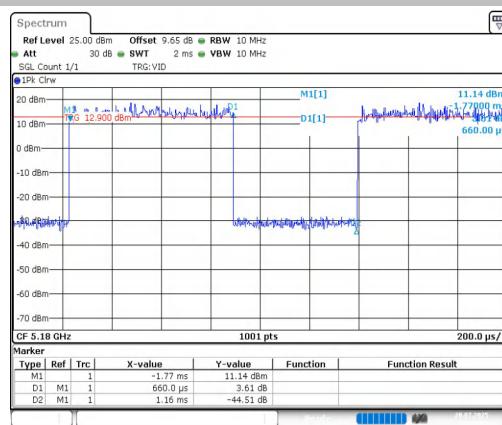


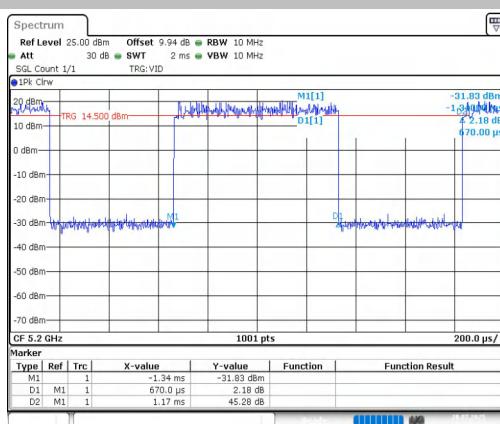
NTV-11A-CDD-Ant1-5825



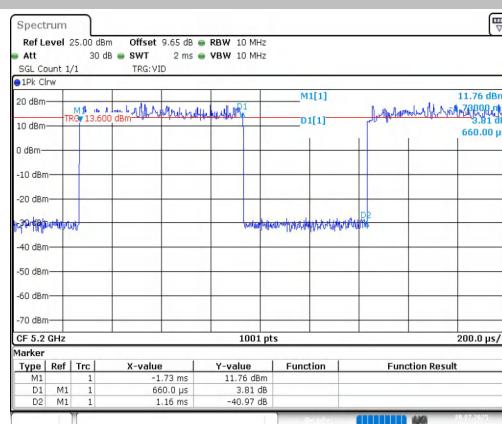
NTV-11A-CDD-Ant2-5825



NTV-11AC20MIMO-Ant1-5180

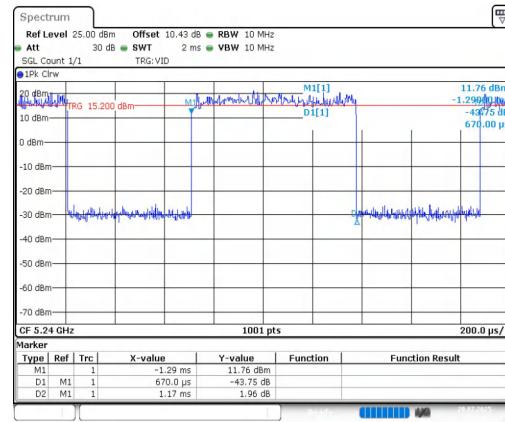
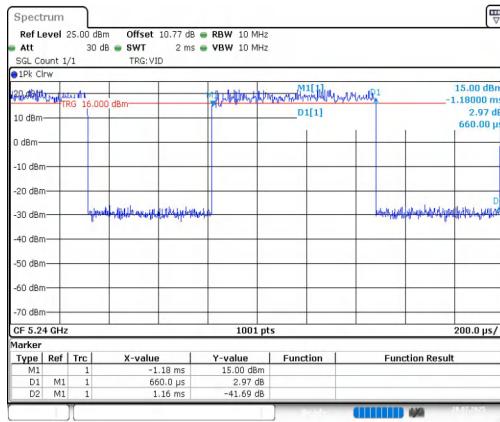


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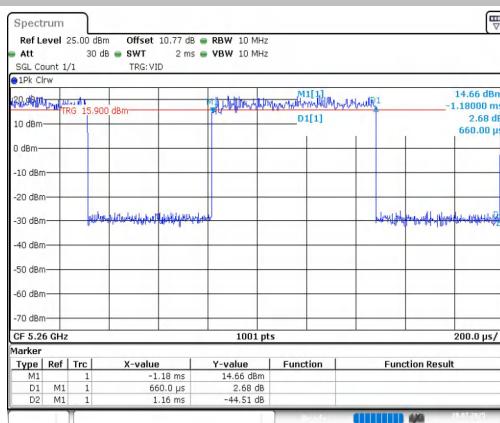


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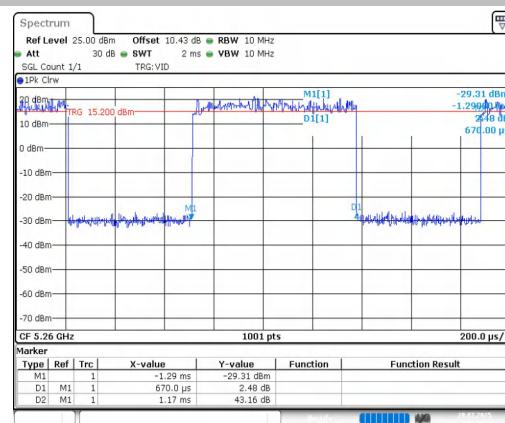
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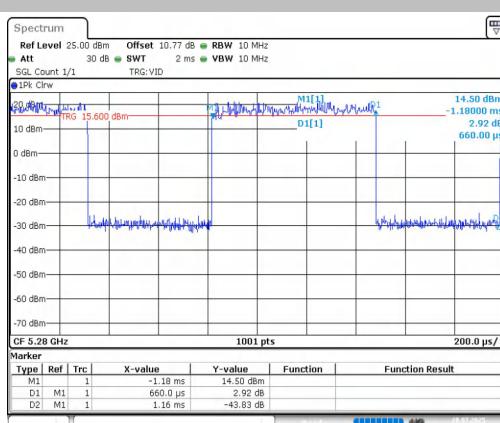
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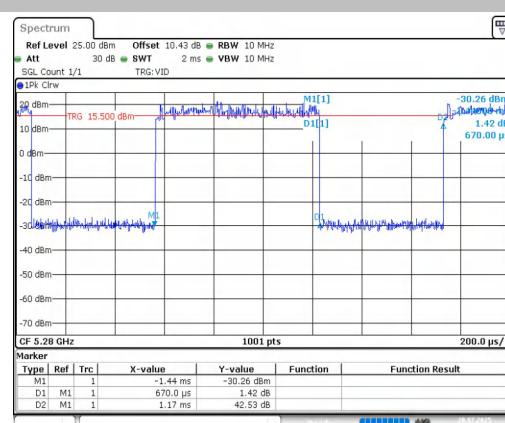
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NTVN-11AC20MIMO-Ant1-5260

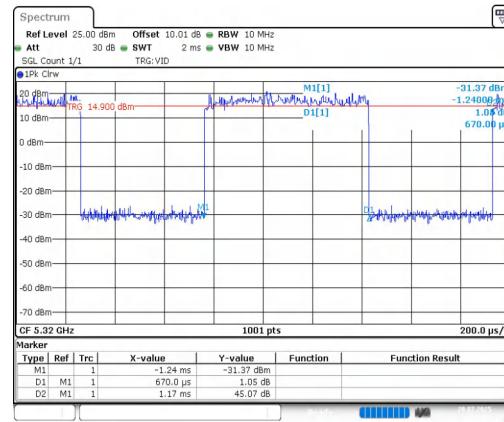
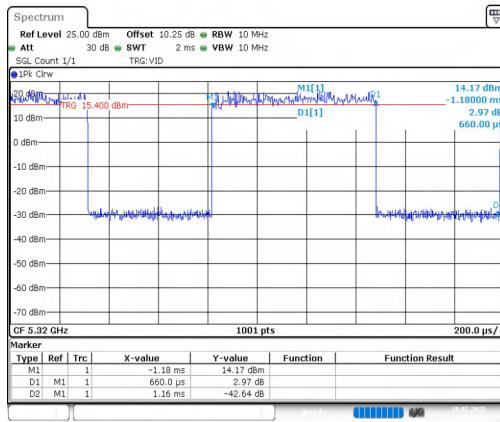


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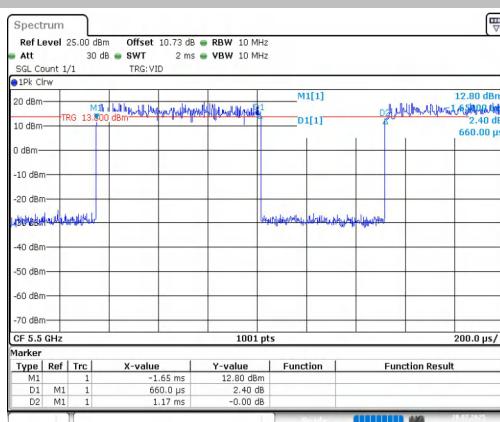


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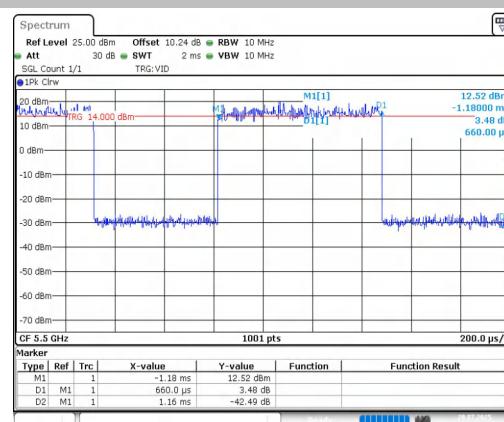
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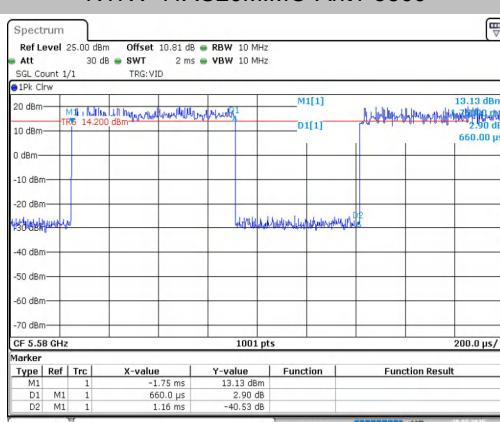
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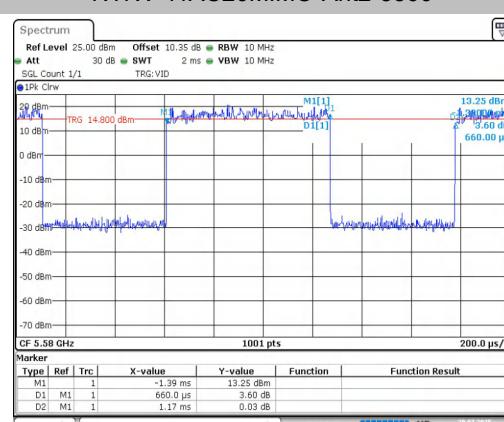
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NTNV-11AC20MIMO-Ant1-5500

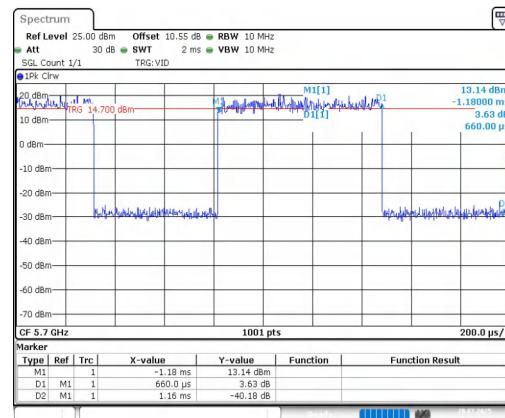
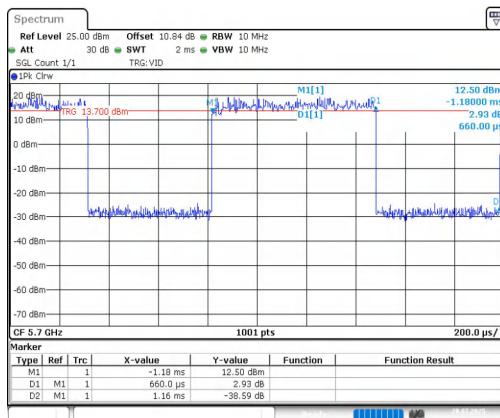


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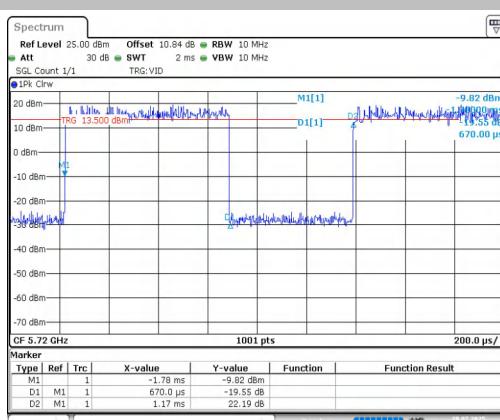


NTNV-11AC20MIMO-Ant1-5580

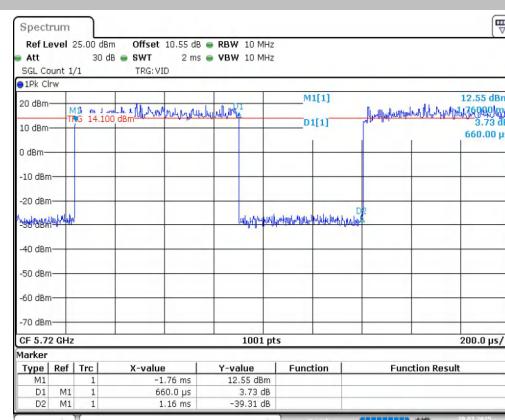
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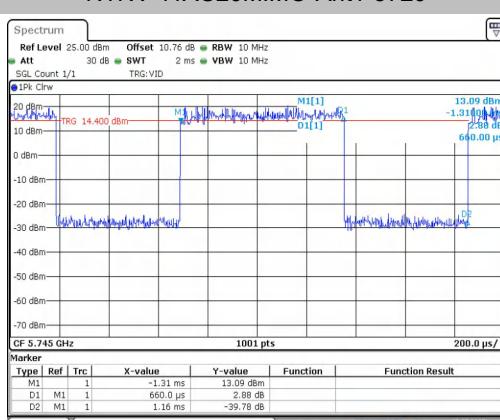
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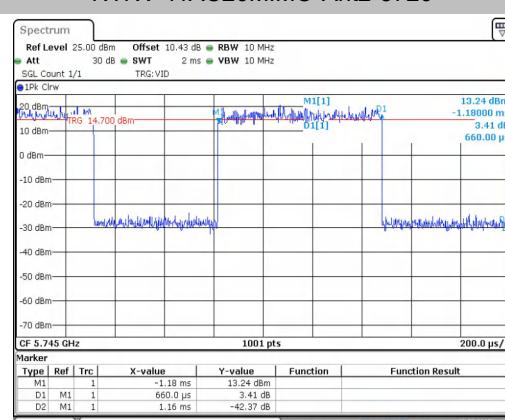
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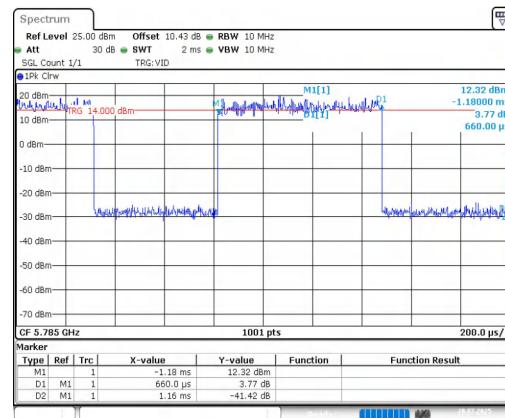
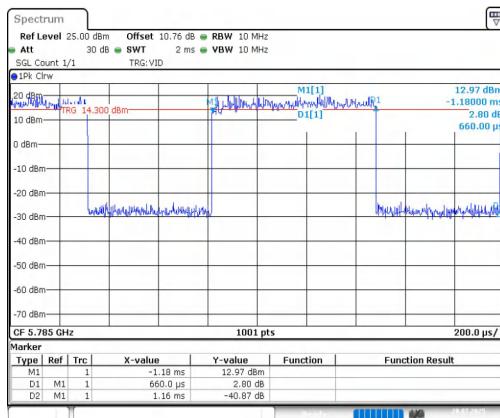


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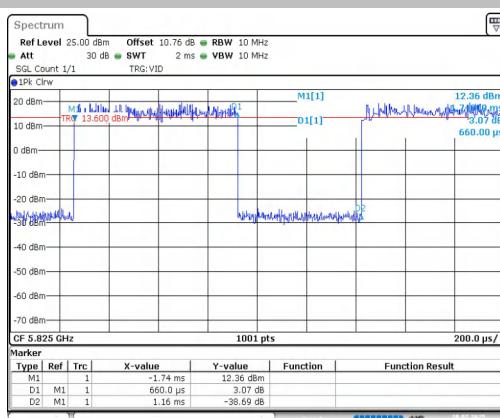


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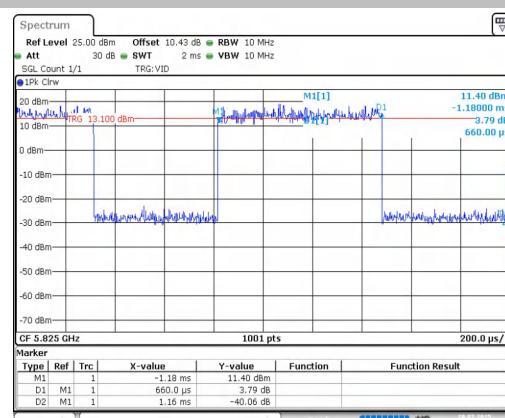
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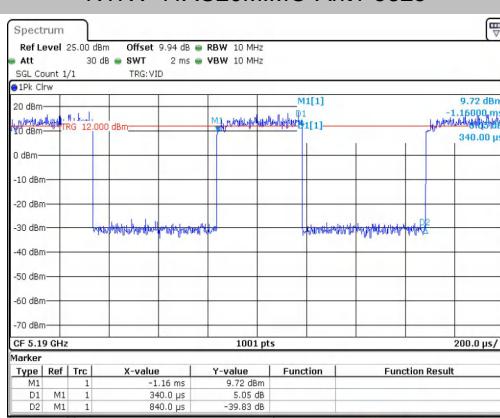
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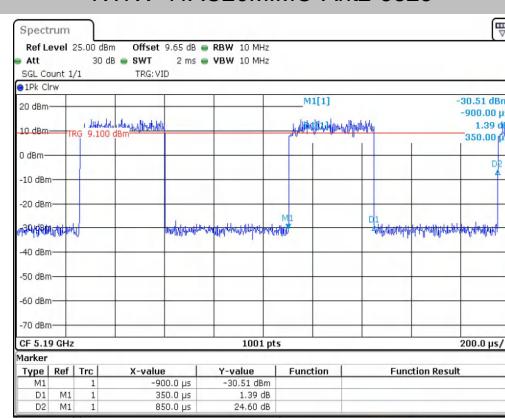
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NTVN-11AC20MIMO-Ant1-5825

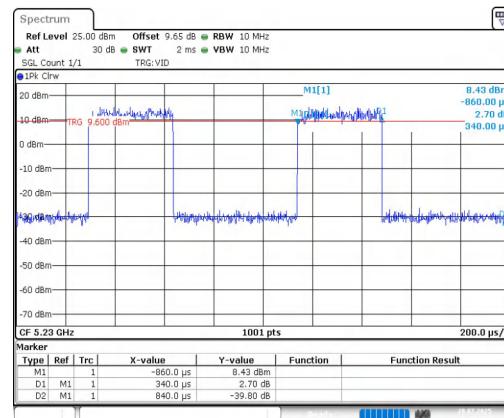
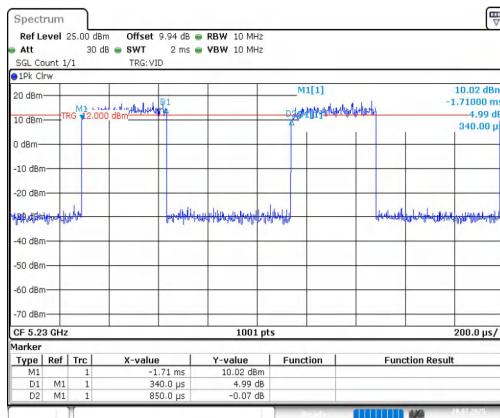


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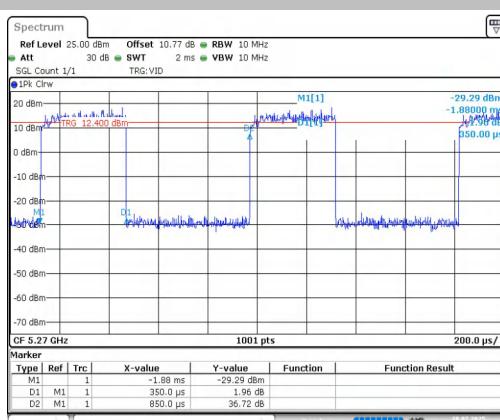


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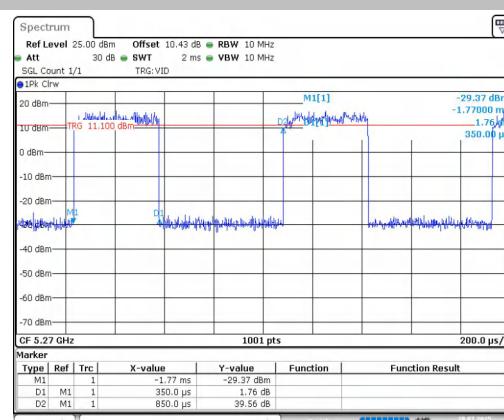
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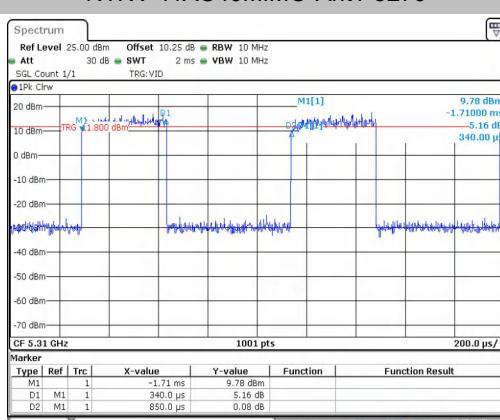
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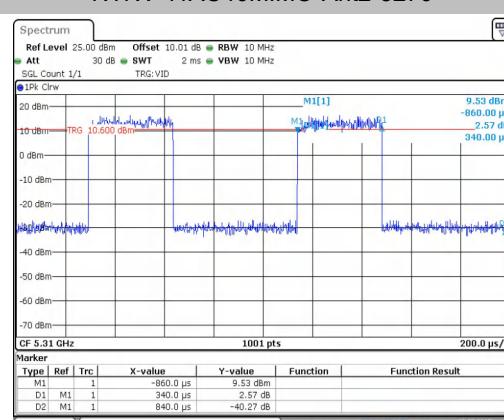
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NTVN-11AC40MIMO-Ant1-5270

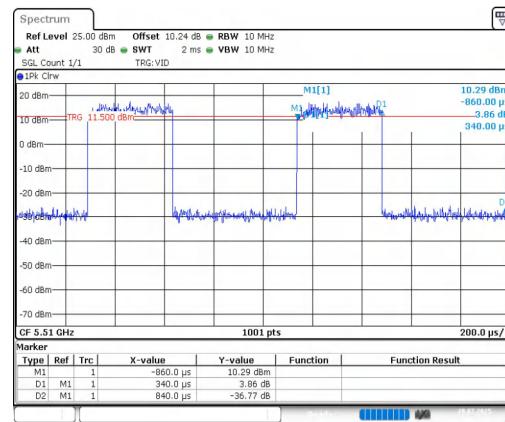
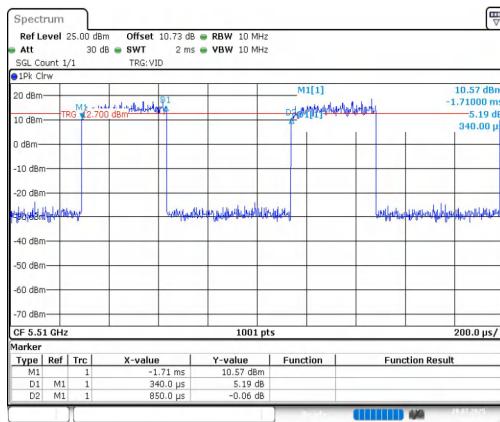


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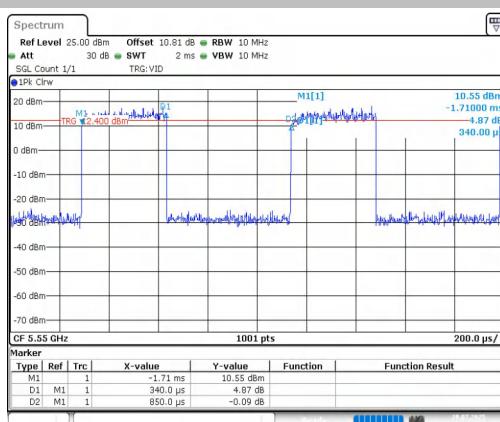


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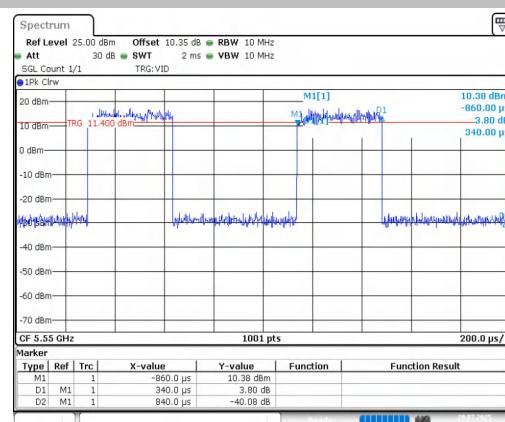
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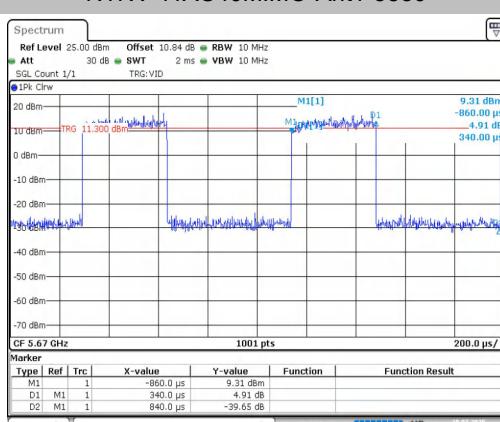
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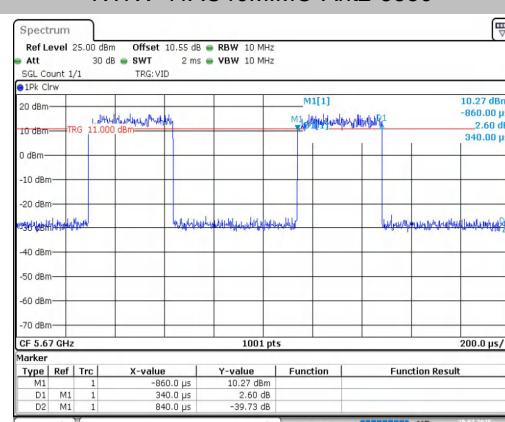
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NTNV-11AC40MIMO-Ant1-5550

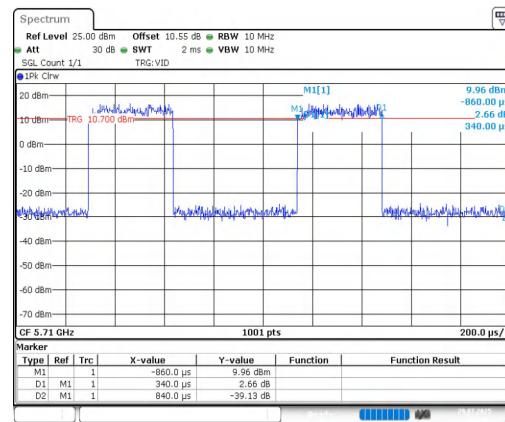
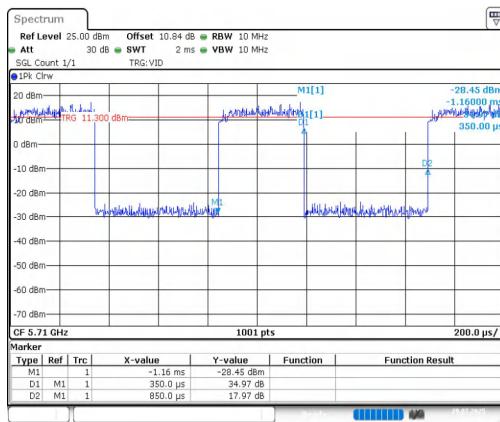


NTNV-11AC40MIMO-Ant2-5550

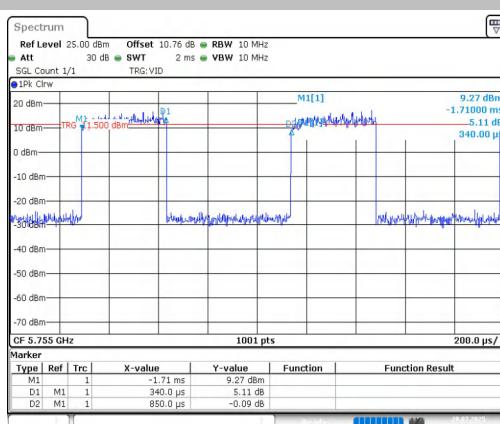


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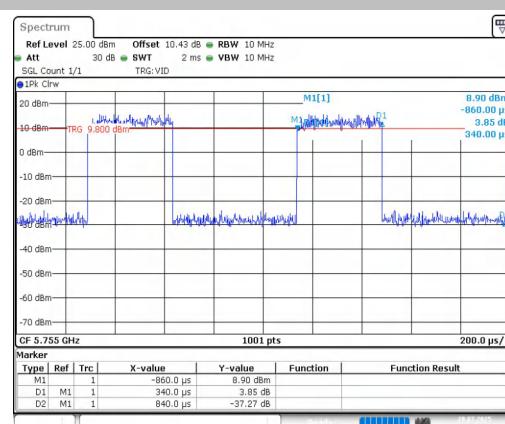
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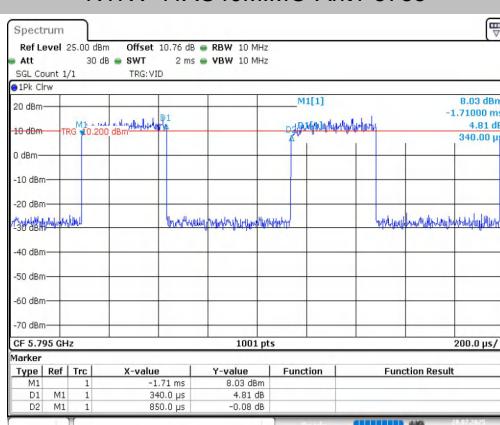
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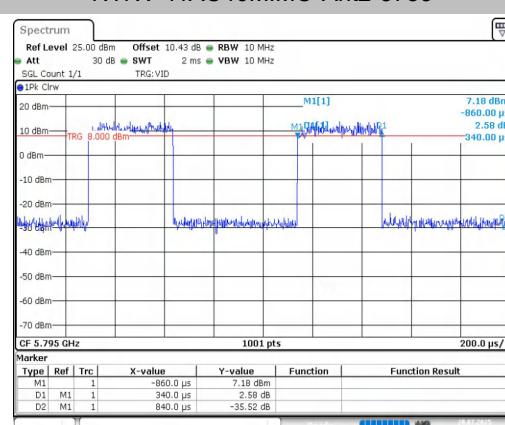
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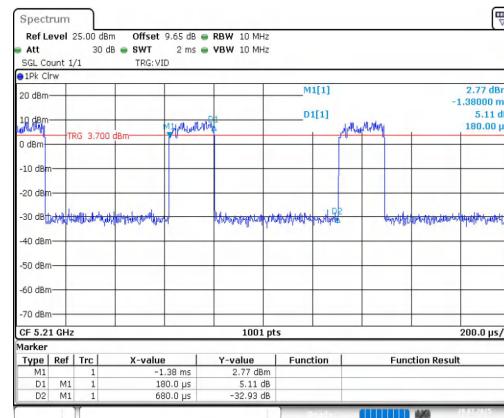
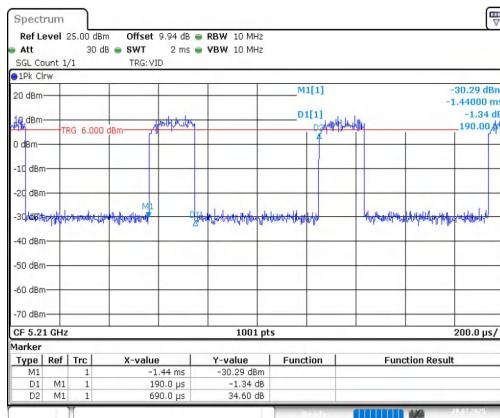


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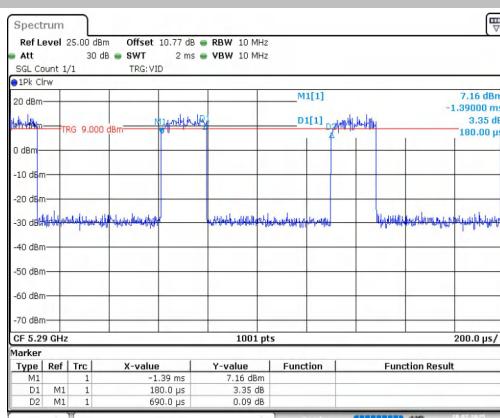


NTV-11AC40MIMO-Ant1-5795

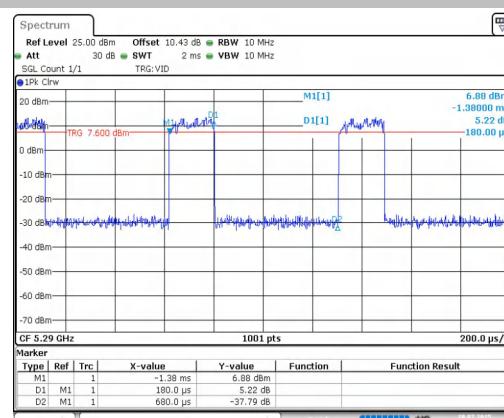
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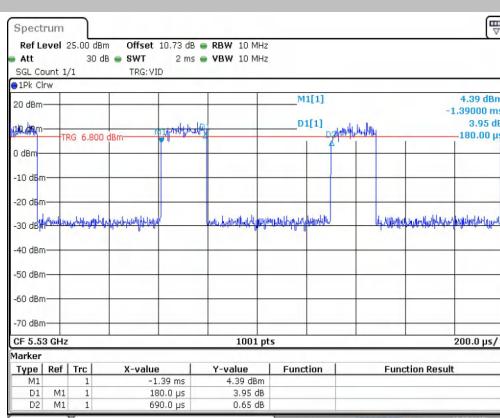
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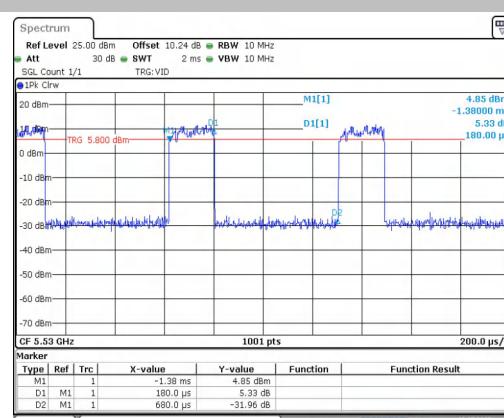
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NTVN-11AC80MIMO-Ant1-5290

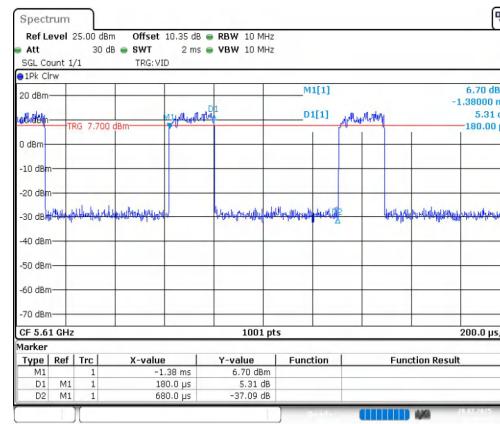
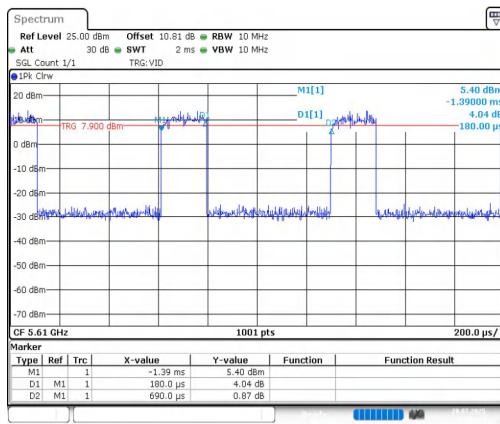


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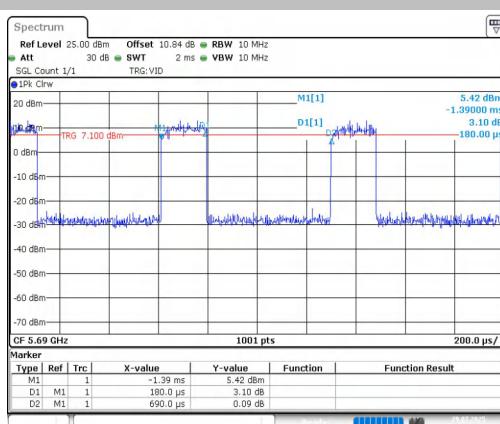


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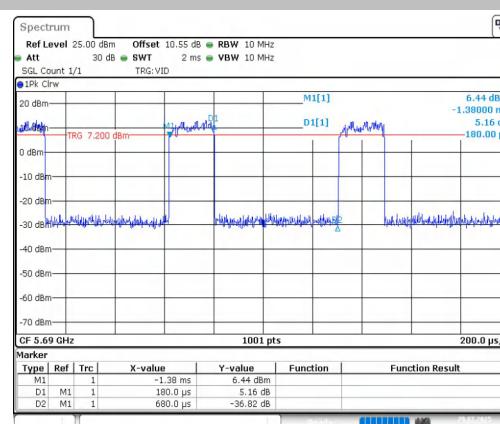
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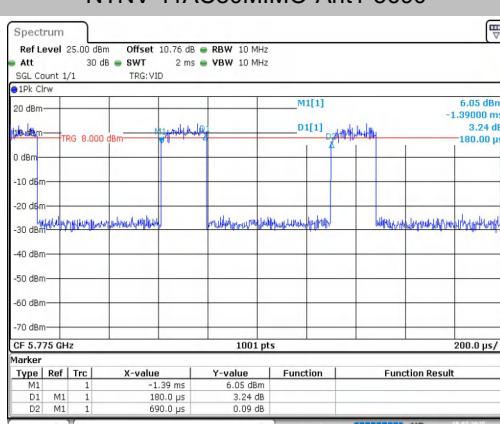
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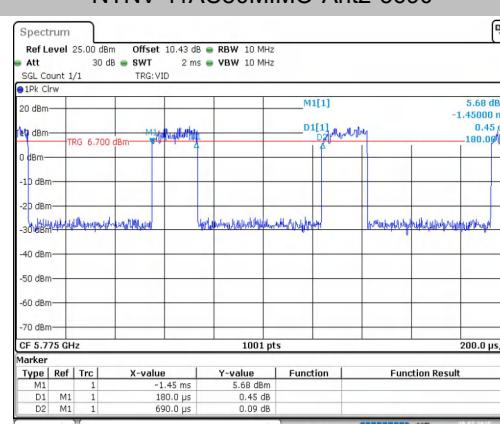
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NTNV-11AC80MIMO-Ant1-5690



NTNV-11AC80MIMO-Ant2-5690



NTNV-11AC80MIMO-Ant1-5775

NTNV-11AC80MIMO-Ant2-5775



Appendix C: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Freq (MHz)	Channel Power [dBm]	DC Factor [dB]	Output Power Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11A-CDD	Ant1	5180	8.18	1.36	9.54	≤23.98	3.28	12.82	---	PASS
11A-CDD	Ant2	5180	7.97	1.36	9.33	≤23.98	3.28	12.61	---	PASS
11A-CDD	total	5180	---	---	12.45	≤23.98	3.28	15.73	---	PASS
11A-CDD	Ant1	5200	8.37	1.36	9.73	≤23.98	3.28	13.01	---	PASS
11A-CDD	Ant2	5200	8.27	1.36	9.63	≤23.98	3.28	12.91	---	PASS
11A-CDD	total	5200	---	---	12.69	≤23.98	3.28	15.97	---	PASS
11A-CDD	Ant1	5240	8.71	1.36	10.07	≤23.98	3.28	13.35	---	PASS
11A-CDD	Ant2	5240	8.67	1.36	10.03	≤23.98	3.28	13.31	---	PASS
11A-CDD	total	5240	---	---	13.06	≤23.98	3.28	16.34	---	PASS
11A-CDD	Ant1	5260	7.11	1.36	8.47	≤23.98	3.28	11.75	---	PASS
11A-CDD	Ant2	5260	8.69	1.36	10.05	≤23.98	3.28	13.33	---	PASS
11A-CDD	total	5260	---	---	12.34	≤23.98	3.28	15.62	---	PASS
11A-CDD	Ant1	5280	7.08	1.36	8.44	≤23.98	3.28	11.72	---	PASS
11A-CDD	Ant2	5280	8.52	1.36	9.88	≤23.98	3.28	13.16	---	PASS
11A-CDD	total	5280	---	---	12.23	≤23.98	3.28	15.51	---	PASS
11A-CDD	Ant1	5320	7.05	1.36	8.41	≤23.98	3.28	11.69	---	PASS
11A-CDD	Ant2	5320	8.21	1.36	9.57	≤23.98	3.28	12.85	---	PASS
11A-CDD	total	5320	---	---	12.04	≤23.98	3.28	15.32	---	PASS
11A-CDD	Ant1	5500	11.20	1.33	12.53	≤23.98	3.28	15.81	---	PASS
11A-CDD	Ant2	5500	12.38	1.39	13.77	≤23.98	3.28	17.05	---	PASS
11A-CDD	total	5500	---	---	16.20	≤23.98	3.28	19.48	---	PASS
11A-CDD	Ant1	5580	10.92	1.33	12.25	≤23.98	3.28	15.53	---	PASS
11A-CDD	Ant2	5580	12.56	1.39	13.95	≤23.98	3.28	17.23	---	PASS
11A-CDD	total	5580	---	---	16.19	≤23.98	3.28	19.47	---	PASS
11A-CDD	Ant1	5700	10.45	1.33	11.78	≤23.98	3.28	15.06	---	PASS
11A-CDD	Ant2	5700	11.97	1.39	13.36	≤23.98	3.28	16.64	---	PASS
11A-CDD	total	5700	---	---	15.65	≤23.98	3.28	18.93	---	PASS
11A-CDD	Ant1	5720	10.66	1.36	12.02	≤23.98	3.28	15.30	---	PASS
11A-CDD	Ant2	5720	11.54	1.36	12.90	≤23.98	3.28	16.18	---	PASS
11A-CDD	total	5720	---	---	15.49	≤23.98	3.28	18.77	---	PASS
11A-CDD	Ant1	5745	8.52	1.33	9.85	≤30.00	3.28	13.13	---	PASS
11A-CDD	Ant2	5745	9.57	1.39	10.96	≤30.00	3.28	14.24	---	PASS
11A-CDD	total	5745	---	---	13.45	≤30.00	3.28	16.73	---	PASS
11A-CDD	Ant1	5785	8.51	1.33	9.84	≤30.00	3.28	13.12	---	PASS
11A-CDD	Ant2	5785	8.87	1.39	10.26	≤30.00	3.28	13.54	---	PASS
11A-CDD	total	5785	---	---	13.07	≤30.00	3.28	16.35	---	PASS



11A-CDD	Ant1	5825	8.29	1.33	9.62	≤ 30.00	3.28	12.90	---	PASS
11A-CDD	Ant2	5825	8.45	1.39	9.84	≤ 30.00	3.28	13.12	---	PASS
11A-CDD	total	5825	---	---	12.74	≤ 30.00	3.28	16.02	---	PASS
11AC20MIMO	Ant1	5180	10.29	2.45	12.74	≤ 23.98	3.28	16.02	---	PASS
11AC20MIMO	Ant2	5180	9.98	2.45	12.43	≤ 23.98	3.28	15.71	---	PASS
11AC20MIMO	total	5180	---	---	15.60	≤ 23.98	3.28	18.88	---	PASS
11AC20MIMO	Ant1	5200	10.69	2.45	13.14	≤ 23.98	3.28	16.42	---	PASS
11AC20MIMO	Ant2	5200	10.40	2.45	12.85	≤ 23.98	3.28	16.13	---	PASS
11AC20MIMO	total	5200	---	---	16.01	≤ 23.98	3.28	19.29	---	PASS
11AC20MIMO	Ant1	5240	10.88	2.45	13.33	≤ 23.98	3.28	16.61	---	PASS
11AC20MIMO	Ant2	5240	10.84	2.45	13.29	≤ 23.98	3.28	16.57	---	PASS
11AC20MIMO	total	5240	---	---	16.32	≤ 23.98	3.28	19.60	---	PASS
11AC20MIMO	Ant1	5260	10.10	2.45	12.55	≤ 23.98	3.28	15.83	---	PASS
11AC20MIMO	Ant2	5260	10.58	2.42	13.00	≤ 23.98	3.28	16.28	---	PASS
11AC20MIMO	total	5260	---	---	15.79	≤ 23.98	3.28	19.07	---	PASS
11AC20MIMO	Ant1	5280	10.32	2.45	12.77	≤ 23.98	3.28	16.05	---	PASS
11AC20MIMO	Ant2	5280	10.76	2.42	13.18	≤ 23.98	3.28	16.46	---	PASS
11AC20MIMO	total	5280	---	---	15.99	≤ 23.98	3.28	19.27	---	PASS
11AC20MIMO	Ant1	5320	10.45	2.45	12.90	≤ 23.98	3.28	16.18	---	PASS
11AC20MIMO	Ant2	5320	10.72	2.42	13.14	≤ 23.98	3.28	16.42	---	PASS
11AC20MIMO	total	5320	---	---	16.03	≤ 23.98	3.28	19.31	---	PASS
11AC20MIMO	Ant1	5500	9.13	2.49	11.62	≤ 23.98	3.28	14.90	---	PASS
11AC20MIMO	Ant2	5500	10.29	2.45	12.74	≤ 23.98	3.28	16.02	---	PASS
11AC20MIMO	total	5500	---	---	15.23	≤ 23.98	3.28	18.51	---	PASS
11AC20MIMO	Ant1	5580	8.99	2.45	11.44	≤ 23.98	3.28	14.72	---	PASS
11AC20MIMO	Ant2	5580	10.56	2.49	13.05	≤ 23.98	3.28	16.33	---	PASS
11AC20MIMO	total	5580	---	---	15.33	≤ 23.98	3.28	18.61	---	PASS
11AC20MIMO	Ant1	5700	8.47	2.45	10.92	≤ 23.98	3.28	14.20	---	PASS
11AC20MIMO	Ant2	5700	10.11	2.45	12.56	≤ 23.98	3.28	15.84	---	PASS
11AC20MIMO	total	5700	---	---	14.83	≤ 23.98	3.28	18.11	---	PASS
11AC20MIMO	Ant1	5720	8.90	2.42	11.32	≤ 23.98	3.28	14.60	---	PASS
11AC20MIMO	Ant2	5720	9.93	2.45	12.38	≤ 23.98	3.28	15.66	---	PASS
11AC20MIMO	total	5720	---	---	14.89	≤ 23.98	3.28	18.17	---	PASS
11AC20MIMO	Ant1	5745	7.77	2.45	10.22	≤ 30.00	3.28	13.50	---	PASS
11AC20MIMO	Ant2	5745	8.85	2.45	11.30	≤ 30.00	3.28	14.58	---	PASS
11AC20MIMO	total	5745	---	---	13.80	≤ 30.00	3.28	17.08	---	PASS
11AC20MIMO	Ant1	5785	7.69	2.45	10.14	≤ 30.00	3.28	13.42	---	PASS
11AC20MIMO	Ant2	5785	8.14	2.45	10.59	≤ 30.00	3.28	13.87	---	PASS
11AC20MIMO	total	5785	---	---	13.38	≤ 30.00	3.28	16.66	---	PASS
11AC20MIMO	Ant1	5825	7.35	2.45	9.80	≤ 30.00	3.28	13.08	---	PASS
11AC20MIMO	Ant2	5825	7.64	2.45	10.09	≤ 30.00	3.28	13.37	---	PASS
11AC20MIMO	total	5825	---	---	12.96	≤ 30.00	3.28	16.24	---	PASS



11AC40MIMO	Ant1	5190	7.72	3.93	11.65	≤ 23.98	3.28	14.93	---	PASS
11AC40MIMO	Ant2	5190	7.42	3.85	11.27	≤ 23.98	3.28	14.55	---	PASS
11AC40MIMO	total	5190	---	---	14.47	≤ 23.98	3.28	17.75	---	PASS
11AC40MIMO	Ant1	5230	7.82	3.98	11.80	≤ 23.98	3.28	15.08	---	PASS
11AC40MIMO	Ant2	5230	7.78	3.93	11.71	≤ 23.98	3.28	14.99	---	PASS
11AC40MIMO	total	5230	---	---	14.77	≤ 23.98	3.28	18.05	---	PASS
11AC40MIMO	Ant1	5270	7.71	3.85	11.56	≤ 23.98	3.28	14.84	---	PASS
11AC40MIMO	Ant2	5270	8.38	3.85	12.23	≤ 23.98	3.28	15.51	---	PASS
11AC40MIMO	total	5270	---	---	14.92	≤ 23.98	3.28	18.20	---	PASS
11AC40MIMO	Ant1	5310	7.96	3.98	11.94	≤ 23.98	3.28	15.22	---	PASS
11AC40MIMO	Ant2	5310	8.58	3.93	12.51	≤ 23.98	3.28	15.79	---	PASS
11AC40MIMO	total	5310	---	---	15.24	≤ 23.98	3.28	18.52	---	PASS
11AC40MIMO	Ant1	5510	8.07	3.98	12.05	≤ 23.98	3.28	15.33	---	PASS
11AC40MIMO	Ant2	5510	9.36	3.93	13.29	≤ 23.98	3.28	16.57	---	PASS
11AC40MIMO	total	5510	---	---	15.72	≤ 23.98	3.28	19.00	---	PASS
11AC40MIMO	Ant1	5550	7.96	3.98	11.94	≤ 23.98	3.28	15.22	---	PASS
11AC40MIMO	Ant2	5550	9.28	3.93	13.21	≤ 23.98	3.28	16.49	---	PASS
11AC40MIMO	total	5550	---	---	15.63	≤ 23.98	3.28	18.91	---	PASS
11AC40MIMO	Ant1	5670	7.29	3.93	11.22	≤ 23.98	3.28	14.50	---	PASS
11AC40MIMO	Ant2	5670	9.32	3.93	13.25	≤ 23.98	3.28	16.53	---	PASS
11AC40MIMO	total	5670	---	---	15.36	≤ 23.98	3.28	18.64	---	PASS
11AC40MIMO	Ant1	5710	7.41	3.85	11.26	≤ 23.98	3.28	14.54	---	PASS
11AC40MIMO	Ant2	5710	8.78	3.93	12.71	≤ 23.98	3.28	15.99	---	PASS
11AC40MIMO	total	5710	---	---	15.06	≤ 23.98	3.28	18.34	---	PASS
11AC40MIMO	Ant1	5755	5.84	3.98	9.82	≤ 30.00	3.28	13.10	---	PASS
11AC40MIMO	Ant2	5755	6.78	3.93	10.71	≤ 30.00	3.28	13.99	---	PASS
11AC40MIMO	total	5755	---	---	13.30	≤ 30.00	3.28	16.58	---	PASS
11AC40MIMO	Ant1	5795	5.50	3.98	9.48	≤ 30.00	3.28	12.76	---	PASS
11AC40MIMO	Ant2	5795	5.84	3.93	9.77	≤ 30.00	3.28	13.05	---	PASS
11AC40MIMO	total	5795	---	---	12.64	≤ 30.00	3.28	15.92	---	PASS
11AC80MIMO	Ant1	5210	6.90	5.60	12.50	≤ 23.98	3.28	15.78	---	PASS
11AC80MIMO	Ant2	5210	6.71	5.77	12.48	≤ 23.98	3.28	15.76	---	PASS
11AC80MIMO	total	5210	---	---	15.50	≤ 23.98	3.28	18.78	---	PASS
11AC80MIMO	Ant1	5290	5.82	5.84	11.66	≤ 23.98	3.28	14.94	---	PASS
11AC80MIMO	Ant2	5290	6.52	5.77	12.29	≤ 23.98	3.28	15.57	---	PASS
11AC80MIMO	total	5290	---	---	15.00	≤ 23.98	3.28	18.28	---	PASS
11AC80MIMO	Ant1	5530	6.10	5.84	11.94	≤ 23.98	3.28	15.22	---	PASS
11AC80MIMO	Ant2	5530	7.50	5.77	13.27	≤ 23.98	3.28	16.55	---	PASS
11AC80MIMO	total	5530	---	---	15.67	≤ 23.98	3.28	18.95	---	PASS
11AC80MIMO	Ant1	5610	5.46	5.84	11.30	≤ 23.98	3.28	14.58	---	PASS
11AC80MIMO	Ant2	5610	7.38	5.77	13.15	≤ 23.98	3.28	16.43	---	PASS
11AC80MIMO	total	5610	---	---	15.33	≤ 23.98	3.28	18.61	---	PASS



11AC80MIMO	Ant1	5690	5.50	5.84	11.34	≤23.98	3.28	14.62	---	PASS
11AC80MIMO	Ant2	5690	7.13	5.77	12.90	≤23.98	3.28	16.18	---	PASS
11AC80MIMO	total	5690	---	---	15.20	≤23.98	3.28	18.48	---	PASS
11AC80MIMO	Ant1	5775	6.01	5.84	11.85	≤30.00	3.28	15.13	---	PASS
11AC80MIMO	Ant2	5775	6.70	5.84	12.54	≤30.00	3.28	15.82	---	PASS
11AC80MIMO	total	5775	---	---	15.22	≤30.00	3.28	18.50	---	PASS

Note: Output Power Result [dBm] = Channel Power[dBm] + DC Factor[dB]



Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Freq (MHz)	PSD Reading [dBm]	DC Factor [dB]	PSD Result [dBm]	PSD Limit [dBm]	Gain [dBi]	EIRP. PSD [dBm]	EIRP. PSD Limit [dBm]	Verdict
11A-CDD	Ant1	5180	-2.19	1.35	-0.84	≤11.00	3.28	2.44	---	PASS
11A-CDD	Ant2	5180	-3.32	1.39	-1.93	≤11.00	3.28	1.35	---	PASS
11A-CDD	total	5180	---	---	1.66	≤10.71	6.29	7.95	---	PASS
11A-CDD	Ant1	5200	-2.26	1.36	-0.90	≤11.00	3.28	2.38	---	PASS
11A-CDD	Ant2	5200	-3.91	1.36	-2.55	≤11.00	3.28	0.73	---	PASS
11A-CDD	total	5200	---	---	1.36	≤10.71	6.29	7.65	---	PASS
11A-CDD	Ant1	5240	-0.94	1.36	0.42	≤11.00	3.28	3.70	---	PASS
11A-CDD	Ant2	5240	-2.25	1.36	-0.89	≤11.00	3.28	2.39	---	PASS
11A-CDD	total	5240	---	---	2.82	≤10.71	6.29	9.11	---	PASS
11A-CDD	Ant1	5260	-2.81	1.36	-1.45	≤11.00	3.28	1.83	---	PASS
11A-CDD	Ant2	5260	-2.41	1.36	-1.05	≤11.00	3.28	2.23	---	PASS
11A-CDD	total	5260	---	---	1.76	≤10.71	6.29	8.05	---	PASS
11A-CDD	Ant1	5280	-3.72	1.38	-2.34	≤11.00	3.28	0.94	---	PASS
11A-CDD	Ant2	5280	-2.52	1.36	-1.16	≤11.00	3.28	2.12	---	PASS
11A-CDD	total	5280	---	---	1.30	≤10.71	6.29	7.59	---	PASS
11A-CDD	Ant1	5320	-3.89	1.36	-2.53	≤11.00	3.28	0.75	---	PASS
11A-CDD	Ant2	5320	-2.86	1.36	-1.50	≤11.00	3.28	1.78	---	PASS
11A-CDD	total	5320	---	---	1.03	≤10.71	6.29	7.32	---	PASS
11A-CDD	Ant1	5500	0.93	1.36	2.29	≤11.00	3.28	5.57	---	PASS
11A-CDD	Ant2	5500	0.6	1.35	1.95	≤11.00	3.28	5.23	---	PASS
11A-CDD	total	5500	---	---	5.13	≤10.71	6.29	11.42	---	PASS
11A-CDD	Ant1	5580	1.18	1.39	2.57	≤11.00	3.28	5.85	---	PASS
11A-CDD	Ant2	5580	1.76	1.36	3.12	≤11.00	3.28	6.40	---	PASS
11A-CDD	total	5580	---	---	5.86	≤10.71	6.29	12.15	---	PASS
11A-CDD	Ant1	5700	1.02	1.36	2.38	≤11.00	3.28	5.66	---	PASS
11A-CDD	Ant2	5700	1.46	1.36	2.82	≤11.00	3.28	6.10	---	PASS
11A-CDD	total	5700	---	---	5.62	≤10.71	6.29	11.91	---	PASS
11A-CDD	Ant1	5720_UNII-2C	-0.12	1.36	1.24	≤11.00	3.28	4.52	---	PASS
11A-CDD	Ant2	5720_UNII-2C	0	1.36	1.36	≤11.00	3.28	4.64	---	PASS
11A-CDD	total	5720_UNII-2C	---	---	4.31	≤10.71	6.29	10.60	---	PASS
11A-CDD	Ant1	5720_UNII-3	-4.02	1.36	-2.66	≤30.00	3.28	0.62	---	PASS
11A-CDD	Ant2	5720_UNII-3	-3.83	1.36	-2.47	≤30.00	3.28	0.81	---	PASS
11A-CDD	total	5720_UNII-3	---	---	0.45	≤29.71	6.29	6.74	---	PASS
11A-CDD	Ant1	5745	-4.1	1.36	-2.74	≤30.00	3.28	0.54	---	PASS
11A-CDD	Ant2	5745	-4.14	1.36	-2.78	≤30.00	3.28	0.50	---	PASS