

11AC20MIMO-Ant1-5745-PASS



11AC20MIMO-Ant2-5745-PASS



11AC20MIMO-Ant1-5785-PASS



11AC20MIMO-Ant2-5785-PASS



11AC20MIMO-Ant1-5825-PASS



11AC20MIMO-Ant2-5825-PASS



11AC40MIMO-Ant1-5190-PASS



11AC40MIMO-Ant2-5190-PASS



11AC40MIMO-Ant1-5230-PASS



11AC40MIMO-Ant2-5230-PASS



11AC40MIMO-Ant1-5270-PASS



11AC40MIMO-Ant2-5270-PASS



11AC40MIMO-Ant1-5310-PASS



11AC40MIMO-Ant2-5310-PASS



11AC40MIMO-Ant1-5510-PASS



11AC40MIMO-Ant2-5510-PASS



11AC40MIMO-Ant1-5550-PASS



11AC40MIMO-Ant2-5550-PASS



11AC40MIMO-Ant1-5670-PASS



11AC40MIMO-Ant2-5670-PASS



11AC40MIMO-Ant1-5755-PASS



11AC40MIMO-Ant2-5755-PASS



11AC40MIMO-Ant1-5795-PASS



11AC40MIMO-Ant2-5795-PASS



11AC80MIMO-Ant1-5210-PASS



11AC80MIMO-Ant2-5210-PASS



11AC80MIMO-Ant1-5290-PASS



11AC80MIMO-Ant2-5290-PASS



11AC80MIMO-Ant1-5530-PASS



11AC80MIMO-Ant2-5530-PASS



11AC80MIMO-Ant1-5610-PASS



11AC80MIMO-Ant2-5610-PASS



11AC80MIMO-Ant1-5775-PASS



11AC80MIMO-Ant2-5775-PASS



11AX20MIMO-Ant1-5180-PASS



11AX20MIMO-Ant2-5180-PASS



11AX20MIMO-Ant1-5200-PASS



11AX20MIMO-Ant2-5200-PASS



11AX20MIMO-Ant1-5240-PASS



11AX20MIMO-Ant2-5240-PASS



11AX20MIMO-Ant1-5260-PASS



11AX20MIMO-Ant2-5260-PASS



11AX20MIMO-Ant1-5300-PASS



11AX20MIMO-Ant2-5300-PASS



11AX20MIMO-Ant1-5320-PASS



11AX20MIMO-Ant2-5320-PASS



11AX20MIMO-Ant1-5500-PASS



11AX20MIMO-Ant2-5500-PASS



11AX20MIMO-Ant1-5580-PASS



11AX20MIMO-Ant2-5580-PASS



11AX20MIMO-Ant1-5700-PASS



11AX20MIMO-Ant2-5700-PASS



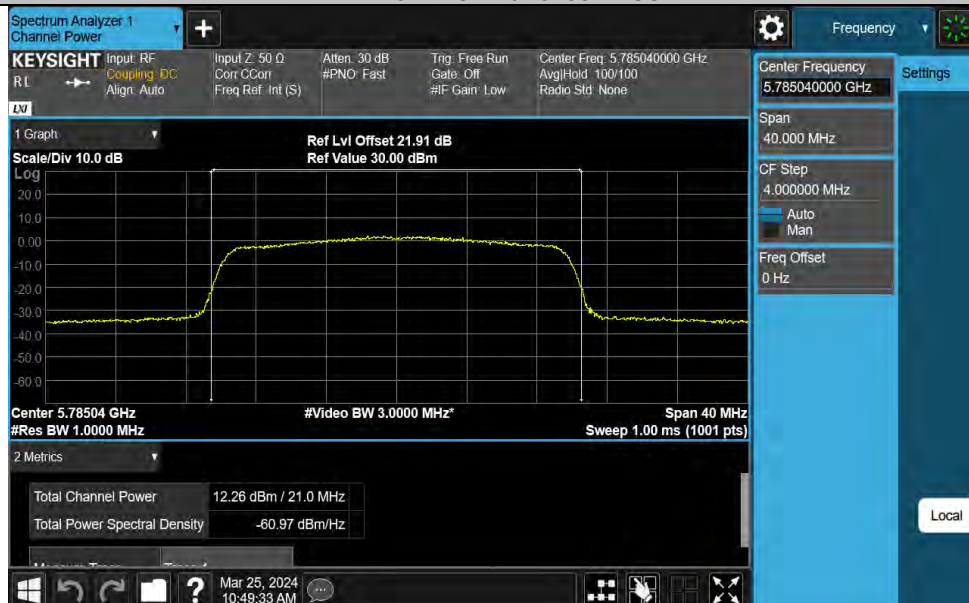
11AX20MIMO-Ant1-5745-PASS



11AX20MIMO-Ant2-5745-PASS



11AX20MIMO-Ant1-5785-PASS



11AX20MIMO-Ant2-5785-PASS



11AX20MIMO-Ant1-5825-PASS



11AX20MIMO-Ant2-5825-PASS



11AX40MIMO-Ant1-5190-PASS



11AX40MIMO-Ant2-5190-PASS



11AX40MIMO-Ant1-5230-PASS



11AX40MIMO-Ant2-5230-PASS



11AX40MIMO-Ant1-5270-PASS



11AX40MIMO-Ant2-5270-PASS



11AX40MIMO-Ant1-5310-PASS



11AX40MIMO-Ant2-5310-PASS



11AX40MIMO-Ant1-5510-PASS



11AX40MIMO-Ant2-5510-PASS



11AX40MIMO-Ant1-5550-PASS



11AX40MIMO-Ant2-5550-PASS



11AX40MIMO-Ant1-5670-PASS



11AX40MIMO-Ant2-5670-PASS



11AX40MIMO-Ant1-5755-PASS



11AX40MIMO-Ant2-5755-PASS



11AX40MIMO-Ant1-5795-PASS



11AX40MIMO-Ant2-5795-PASS



11AX80MIMO-Ant1-5210-PASS



11AX80MIMO-Ant2-5210-PASS



11AX80MIMO-Ant1-5290-PASS



11AX80MIMO-Ant2-5290-PASS



11AX80MIMO-Ant1-5530-PASS



11AX80MIMO-Ant2-5530-PASS



11AX80MIMO-Ant1-5610-PASS



11AX80MIMO-Ant2-5610-PASS



11AX80MIMO-Ant1-5775-PASS



11AX80MIMO-Ant2-5775-PASS



Appendix D: Maximum power spectral density Test Result

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	3.78	≤11.00	PASS
11A	Ant2	5180	4.14	≤11.00	PASS
11A	Ant1	5200	3.75	≤11.00	PASS
11A	Ant2	5200	4.40	≤11.00	PASS
11A	Ant1	5240	5.05	≤11.00	PASS
11A	Ant2	5240	4.61	≤11.00	PASS
11A	Ant1	5260	2.13	≤11.00	PASS
11A	Ant2	5260	1.24	≤11.00	PASS
11A	Ant1	5300	2.54	≤11.00	PASS
11A	Ant2	5300	0.73	≤11.00	PASS
11A	Ant1	5320	2.48	≤11.00	PASS
11A	Ant2	5320	0.03	≤11.00	PASS
11A	Ant1	5500	2.81	≤11.00	PASS
11A	Ant2	5500	2.23	≤11.00	PASS
11A	Ant1	5580	2.15	≤11.00	PASS
11A	Ant2	5580	2.60	≤11.00	PASS
11A	Ant1	5700	2.73	≤11.00	PASS
11A	Ant2	5700	2.50	≤11.00	PASS
11A	Ant1	5745	0.10	≤30.00	PASS
11A	Ant2	5745	-0.29	≤30.00	PASS
11A	Ant1	5785	-0.13	≤30.00	PASS
11A	Ant2	5785	-0.30	≤30.00	PASS
11A	Ant1	5825	0.12	≤30.00	PASS
11A	Ant2	5825	-0.07	≤30.00	PASS
11N20MIMO	Ant1	5180	1.39	≤11.00	PASS
11N20MIMO	Ant2	5180	1.56	≤11.00	PASS
11N20MIMO	total	5180	4.49	≤10.59	PASS
11N20MIMO	Ant1	5200	1.24	≤11.00	PASS
11N20MIMO	Ant2	5200	2.03	≤11.00	PASS
11N20MIMO	total	5200	4.66	≤10.59	PASS
11N20MIMO	Ant1	5240	2.21	≤11.00	PASS
11N20MIMO	Ant2	5240	2.11	≤11.00	PASS
11N20MIMO	total	5240	5.17	≤10.59	PASS
11N20MIMO	Ant1	5260	0.18	≤11.00	PASS
11N20MIMO	Ant2	5260	-0.64	≤11.00	PASS
11N20MIMO	total	5260	2.80	≤10.59	PASS
11N20MIMO	Ant1	5300	0.66	≤11.00	PASS
11N20MIMO	Ant2	5300	-1.10	≤11.00	PASS
11N20MIMO	total	5300	2.88	≤10.59	PASS
11N20MIMO	Ant1	5320	0.62	≤11.00	PASS
11N20MIMO	Ant2	5320	-1.74	≤11.00	PASS
11N20MIMO	total	5320	2.61	≤10.59	PASS
11N20MIMO	Ant1	5500	0.25	≤11.00	PASS
11N20MIMO	Ant2	5500	-0.31	≤11.00	PASS
11N20MIMO	total	5500	2.99	≤10.59	PASS
11N20MIMO	Ant1	5580	0.46	≤11.00	PASS
11N20MIMO	Ant2	5580	0.82	≤11.00	PASS
11N20MIMO	total	5580	3.65	≤10.59	PASS
11N20MIMO	Ant1	5700	1.27	≤11.00	PASS
11N20MIMO	Ant2	5700	0.97	≤11.00	PASS
11N20MIMO	total	5700	4.13	≤10.59	PASS
11N20MIMO	Ant1	5745	-1.25	≤30.00	PASS

11N20MIMO	Ant2	5745	-1.41	≤30.00	PASS
11N20MIMO	total	5745	1.68	≤29.59	PASS
11N20MIMO	Ant1	5785	-1.29	≤30.00	PASS
11N20MIMO	Ant2	5785	-1.87	≤30.00	PASS
11N20MIMO	total	5785	1.44	≤29.59	PASS
11N20MIMO	Ant1	5825	-1.29	≤30.00	PASS
11N20MIMO	Ant2	5825	-1.40	≤30.00	PASS
11N20MIMO	total	5825	1.67	≤29.59	PASS
11N40MIMO	Ant1	5190	0.34	≤11.00	PASS
11N40MIMO	Ant2	5190	0.85	≤11.00	PASS
11N40MIMO	total	5190	3.61	≤10.59	PASS
11N40MIMO	Ant1	5230	1.58	≤11.00	PASS
11N40MIMO	Ant2	5230	1.05	≤11.00	PASS
11N40MIMO	total	5230	4.33	≤10.59	PASS
11N40MIMO	Ant1	5270	-1.54	≤11.00	PASS
11N40MIMO	Ant2	5270	-2.86	≤11.00	PASS
11N40MIMO	total	5270	0.86	≤10.59	PASS
11N40MIMO	Ant1	5310	-1.04	≤11.00	PASS
11N40MIMO	Ant2	5310	-3.63	≤11.00	PASS
11N40MIMO	total	5310	0.87	≤10.59	PASS
11N40MIMO	Ant1	5510	-1.90	≤11.00	PASS
11N40MIMO	Ant2	5510	-2.47	≤11.00	PASS
11N40MIMO	total	5510	0.83	≤10.59	PASS
11N40MIMO	Ant1	5550	-2.16	≤11.00	PASS
11N40MIMO	Ant2	5550	-2.11	≤11.00	PASS
11N40MIMO	total	5550	0.88	≤10.59	PASS
11N40MIMO	Ant1	5670	-1.01	≤11.00	PASS
11N40MIMO	Ant2	5670	-1.15	≤11.00	PASS
11N40MIMO	total	5670	1.93	≤10.59	PASS
11N40MIMO	Ant1	5755	-3.52	≤30.00	PASS
11N40MIMO	Ant2	5755	-4.13	≤30.00	PASS
11N40MIMO	total	5755	-0.80	≤29.59	PASS
11N40MIMO	Ant1	5795	-3.33	≤30.00	PASS
11N40MIMO	Ant2	5795	-3.59	≤30.00	PASS
11N40MIMO	total	5795	-0.45	≤29.59	PASS
11AC20MIMO	Ant1	5180	1.96	≤11.00	PASS
11AC20MIMO	Ant2	5180	2.59	≤11.00	PASS
11AC20MIMO	total	5180	5.30	≤10.59	PASS
11AC20MIMO	Ant1	5200	1.95	≤11.00	PASS
11AC20MIMO	Ant2	5200	2.80	≤11.00	PASS
11AC20MIMO	total	5200	5.41	≤10.59	PASS
11AC20MIMO	Ant1	5240	3.18	≤11.00	PASS
11AC20MIMO	Ant2	5240	3.03	≤11.00	PASS
11AC20MIMO	total	5240	6.12	≤10.59	PASS
11AC20MIMO	Ant1	5260	-0.76	≤11.00	PASS
11AC20MIMO	Ant2	5260	-1.45	≤11.00	PASS
11AC20MIMO	total	5260	1.92	≤10.59	PASS
11AC20MIMO	Ant1	5300	-0.31	≤11.00	PASS
11AC20MIMO	Ant2	5300	-1.89	≤11.00	PASS
11AC20MIMO	total	5300	1.98	≤10.59	PASS
11AC20MIMO	Ant1	5320	-0.21	≤11.00	PASS
11AC20MIMO	Ant2	5320	-2.54	≤11.00	PASS
11AC20MIMO	total	5320	1.79	≤10.59	PASS
11AC20MIMO	Ant1	5500	-0.06	≤11.00	PASS
11AC20MIMO	Ant2	5500	-0.40	≤11.00	PASS
11AC20MIMO	total	5500	2.78	≤10.59	PASS
11AC20MIMO	Ant1	5580	0.35	≤11.00	PASS

11AC20MIMO	Ant2	5580	0.90	≤11.00	PASS
11AC20MIMO	total	5580	3.64	≤10.59	PASS
11AC20MIMO	Ant1	5700	1.03	≤11.00	PASS
11AC20MIMO	Ant2	5700	0.69	≤11.00	PASS
11AC20MIMO	total	5700	3.87	≤10.59	PASS
11AC20MIMO	Ant1	5745	-1.47	≤30.00	PASS
11AC20MIMO	Ant2	5745	-1.77	≤30.00	PASS
11AC20MIMO	total	5745	1.39	≤29.59	PASS
11AC20MIMO	Ant1	5785	-1.64	≤30.00	PASS
11AC20MIMO	Ant2	5785	-1.70	≤30.00	PASS
11AC20MIMO	total	5785	1.34	≤29.59	PASS
11AC20MIMO	Ant1	5825	-1.29	≤30.00	PASS
11AC20MIMO	Ant2	5825	-1.58	≤30.00	PASS
11AC20MIMO	total	5825	1.58	≤29.59	PASS
11AC40MIMO	Ant1	5190	1.95	≤11.00	PASS
11AC40MIMO	Ant2	5190	0.34	≤11.00	PASS
11AC40MIMO	total	5190	4.23	≤10.59	PASS
11AC40MIMO	Ant1	5230	0.96	≤11.00	PASS
11AC40MIMO	Ant2	5230	0.76	≤11.00	PASS
11AC40MIMO	total	5230	3.87	≤10.59	PASS
11AC40MIMO	Ant1	5270	-1.76	≤11.00	PASS
11AC40MIMO	Ant2	5270	-3.13	≤11.00	PASS
11AC40MIMO	total	5270	0.62	≤10.59	PASS
11AC40MIMO	Ant1	5310	-1.65	≤11.00	PASS
11AC40MIMO	Ant2	5310	-4.08	≤11.00	PASS
11AC40MIMO	total	5310	0.31	≤10.59	PASS
11AC40MIMO	Ant1	5510	-2.40	≤11.00	PASS
11AC40MIMO	Ant2	5510	-2.86	≤11.00	PASS
11AC40MIMO	total	5510	0.39	≤10.59	PASS
11AC40MIMO	Ant1	5550	-2.42	≤11.00	PASS
11AC40MIMO	Ant2	5550	-2.50	≤11.00	PASS
11AC40MIMO	total	5550	0.55	≤10.59	PASS
11AC40MIMO	Ant1	5670	-1.49	≤11.00	PASS
11AC40MIMO	Ant2	5670	-1.82	≤11.00	PASS
11AC40MIMO	total	5670	1.36	≤10.59	PASS
11AC40MIMO	Ant1	5755	-4.31	≤30.00	PASS
11AC40MIMO	Ant2	5755	-4.67	≤30.00	PASS
11AC40MIMO	total	5755	-1.48	≤29.59	PASS
11AC40MIMO	Ant1	5795	-4.13	≤30.00	PASS
11AC40MIMO	Ant2	5795	-4.51	≤30.00	PASS
11AC40MIMO	total	5795	-1.31	≤29.59	PASS
11AC80MIMO	Ant1	5210	-2.87	≤11.00	PASS
11AC80MIMO	Ant2	5210	-2.62	≤11.00	PASS
11AC80MIMO	total	5210	0.27	≤10.59	PASS
11AC80MIMO	Ant1	5290	-3.55	≤11.00	PASS
11AC80MIMO	Ant2	5290	-5.69	≤11.00	PASS
11AC80MIMO	total	5290	-1.48	≤10.59	PASS
11AC80MIMO	Ant1	5530	-5.34	≤11.00	PASS
11AC80MIMO	Ant2	5530	-5.39	≤11.00	PASS
11AC80MIMO	total	5530	-2.35	≤10.59	PASS
11AC80MIMO	Ant1	5610	-5.66	≤11.00	PASS
11AC80MIMO	Ant2	5610	-5.06	≤11.00	PASS
11AC80MIMO	total	5610	-2.34	≤10.59	PASS
11AC80MIMO	Ant1	5775	-7.11	≤30.00	PASS
11AC80MIMO	Ant2	5775	-7.87	≤30.00	PASS
11AC80MIMO	total	5775	-4.46	≤29.59	PASS
11AX20MIMO	Ant1	5180	2.26	≤11.00	PASS

11AX20MIMO	Ant2	5180	2.73	≤11.00	PASS
11AX20MIMO	total	5180	5.51	≤10.59	PASS
11AX20MIMO	Ant1	5200	2.28	≤11.00	PASS
11AX20MIMO	Ant2	5200	2.93	≤11.00	PASS
11AX20MIMO	total	5200	5.63	≤10.59	PASS
11AX20MIMO	Ant1	5240	3.00	≤11.00	PASS
11AX20MIMO	Ant2	5240	2.97	≤11.00	PASS
11AX20MIMO	total	5240	6.00	≤10.59	PASS
11AX20MIMO	Ant1	5260	-0.71	≤11.00	PASS
11AX20MIMO	Ant2	5260	-3.16	≤11.00	PASS
11AX20MIMO	total	5260	1.25	≤10.59	PASS
11AX20MIMO	Ant1	5300	1.00	≤11.00	PASS
11AX20MIMO	Ant2	5300	-0.90	≤11.00	PASS
11AX20MIMO	total	5300	3.16	≤10.59	PASS
11AX20MIMO	Ant1	5320	1.04	≤11.00	PASS
11AX20MIMO	Ant2	5320	-1.59	≤11.00	PASS
11AX20MIMO	total	5320	2.93	≤10.59	PASS
11AX20MIMO	Ant1	5500	0.45	≤11.00	PASS
11AX20MIMO	Ant2	5500	-0.27	≤11.00	PASS
11AX20MIMO	total	5500	3.12	≤10.59	PASS
11AX20MIMO	Ant1	5580	0.72	≤11.00	PASS
11AX20MIMO	Ant2	5580	0.59	≤11.00	PASS
11AX20MIMO	total	5580	3.67	≤10.59	PASS
11AX20MIMO	Ant1	5700	1.33	≤11.00	PASS
11AX20MIMO	Ant2	5700	0.77	≤11.00	PASS
11AX20MIMO	total	5700	4.07	≤10.59	PASS
11AX20MIMO	Ant1	5745	1.13	≤30.00	PASS
11AX20MIMO	Ant2	5745	0.50	≤30.00	PASS
11AX20MIMO	total	5745	3.84	≤29.59	PASS
11AX20MIMO	Ant1	5785	-1.35	≤30.00	PASS
11AX20MIMO	Ant2	5785	-1.74	≤30.00	PASS
11AX20MIMO	total	5785	1.47	≤29.59	PASS
11AX20MIMO	Ant1	5825	-1.16	≤30.00	PASS
11AX20MIMO	Ant2	5825	-1.56	≤30.00	PASS
11AX20MIMO	total	5825	1.65	≤29.59	PASS
11AX40MIMO	Ant1	5190	0.14	≤11.00	PASS
11AX40MIMO	Ant2	5190	0.27	≤11.00	PASS
11AX40MIMO	total	5190	3.22	≤10.59	PASS
11AX40MIMO	Ant1	5230	1.11	≤11.00	PASS
11AX40MIMO	Ant2	5230	0.47	≤11.00	PASS
11AX40MIMO	total	5230	3.81	≤10.59	PASS
11AX40MIMO	Ant1	5270	-1.64	≤11.00	PASS
11AX40MIMO	Ant2	5270	-3.36	≤11.00	PASS
11AX40MIMO	total	5270	0.59	≤10.59	PASS
11AX40MIMO	Ant1	5310	-1.62	≤11.00	PASS
11AX40MIMO	Ant2	5310	-4.16	≤11.00	PASS
11AX40MIMO	total	5310	0.30	≤10.59	PASS
11AX40MIMO	Ant1	5510	-2.26	≤11.00	PASS
11AX40MIMO	Ant2	5510	-3.07	≤11.00	PASS
11AX40MIMO	total	5510	0.36	≤10.59	PASS
11AX40MIMO	Ant1	5550	-2.39	≤11.00	PASS
11AX40MIMO	Ant2	5550	-2.57	≤11.00	PASS
11AX40MIMO	total	5550	0.53	≤10.59	PASS
11AX40MIMO	Ant1	5670	-1.22	≤11.00	PASS
11AX40MIMO	Ant2	5670	-1.70	≤11.00	PASS
11AX40MIMO	total	5670	1.56	≤10.59	PASS
11AX40MIMO	Ant1	5755	-4.15	≤30.00	PASS

11AX40MIMO	Ant2	5755	-4.77	≤30.00	PASS
11AX40MIMO	total	5755	-1.44	≤29.59	PASS
11AX40MIMO	Ant1	5795	-4.12	≤30.00	PASS
11AX40MIMO	Ant2	5795	-4.58	≤30.00	PASS
11AX40MIMO	total	5795	-1.33	≤29.59	PASS
11AX80MIMO	Ant1	5210	-3.39	≤11.00	PASS
11AX80MIMO	Ant2	5210	-2.96	≤11.00	PASS
11AX80MIMO	total	5210	-0.16	≤10.59	PASS
11AX80MIMO	Ant1	5290	-3.61	≤11.00	PASS
11AX80MIMO	Ant2	5290	-5.39	≤11.00	PASS
11AX80MIMO	total	5290	-1.40	≤10.59	PASS
11AX80MIMO	Ant1	5530	-5.09	≤11.00	PASS
11AX80MIMO	Ant2	5530	-5.18	≤11.00	PASS
11AX80MIMO	total	5530	-2.12	≤10.59	PASS
11AX80MIMO	Ant1	5610	-5.27	≤11.00	PASS
11AX80MIMO	Ant2	5610	-5.42	≤11.00	PASS
11AX80MIMO	total	5610	-2.33	≤10.59	PASS
11AX80MIMO	Ant1	5775	-6.77	≤30.00	PASS
11AX80MIMO	Ant2	5775	-7.58	≤30.00	PASS
11AX80MIMO	total	5775	-4.15	≤29.59	PASS

Note : 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.
3.For MIMO mode: Directional gain= $10 \times \log[(10^{3.38/20} + 10^{3.41/20})^2/2] = 6.41 \text{ dBi}$.
Total Limit = Limit-(6.41-6)

Test Graphs

11A-Ant1-5180-PASS



11A-Ant2-5180-PASS



11A-Ant1-5200-PASS



11A-Ant2-5200-PASS



11A-Ant1-5240-PASS



11A-Ant2-5240-PASS



11A-Ant1-5260-PASS



11A-Ant2-5260-PASS



11A-Ant1-5300-PASS



11A-Ant2-5300-PASS



11A-Ant1-5320-PASS



11A-Ant2-5320-PASS



11A-Ant1-5500-PASS



11A-Ant2-5500-PASS



11A-Ant1-5580-PASS



11A-Ant2-5580-PASS



11A-Ant1-5700-PASS



11A-Ant2-5700-PASS



11A-Ant1-5745-PASS



11A-Ant2-5745-PASS



11A-Ant1-5785-PASS



11A-Ant2-5785-PASS



11A-Ant1-5825-PASS



11A-Ant2-5825-PASS



11N20MIMO-Ant1-5180-PASS



11N20MIMO-Ant2-5180-PASS



11N20MIMO-Ant1-5200-PASS



11N20MIMO-Ant2-5200-PASS



11N20MIMO-Ant1-5240-PASS



11N20MIMO-Ant2-5240-PASS

