



BUREAU  
VERITAS

Reference No.: W7L-P24040002RF03

		MIMO 9	-0.75	/	/	/	/
		Combined 8+9	4.93	1.51	6.44	24.00	PASS
153	6715	SISO 8	1.95	1.51	3.46	24.00	PASS
		SISO 9	1.92	-5.07	-3.15	24.00	PASS
		MIMO 8	3.17	/	/	/	/
		MIMO 9	0.18	/	/	/	/
		Combined 8+9	4.94	1.51	6.45	24.00	PASS
181	6855	SISO 8	2.06	1.51	3.57	24.00	PASS
		SISO 9	2.27	-5.07	-2.8	24.00	PASS
		MIMO 8	3.42	/	/	/	/
		MIMO 9	0.39	/	/	/	/
		Combined 8+9	5.17	1.51	6.68	24.00	PASS
185	6875	SISO 8	2.26	0.25	2.51	24.00	PASS
		SISO 9	1.84	-2.55	-0.71	24.00	PASS
		MIMO 8	3.64	/	/	/	/
		MIMO 9	0.47	/	/	/	/
		Combined 8+9	5.35	0.25	5.60	24.00	PASS
213	7015	SISO 8	2.36	0.25	2.61	24.00	PASS
		SISO 9	1.83	-2.55	-0.72	24.00	PASS
		MIMO 8	3.57	/	/	/	/
		MIMO 9	-1.13	/	/	/	/
		Combined 8+9	4.84	0.25	5.09	24.00	PASS
229	7095	SISO 8	2.01	0.25	2.26	24.00	PASS
		SISO 9	2.20	-2.55	-0.35	24.00	PASS
		MIMO 8	3.75	/	/	/	/
		MIMO 9	-0.22	/	/	/	/
		Combined 8+9	5.21	0.25	5.46	24.00	PASS
233	7115	SISO 8	2.15	0.25	2.4	24.00	PASS
		SISO 9	2.09	-2.55	-0.46	24.00	PASS
		MIMO 8	3.53	/	/	/	/
		MIMO 9	-0.26	/	/	/	/
		Combined 8+9	5.05	0.25	5.3	24.00	PASS

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Chain	Result (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
1	5955	SISO 8	2.08	1.50	3.58	24.00	PASS
		SISO 9	2.08	-0.82	1.26	24.00	PASS
		MIMO 8	3.51	/	/	/	/
		MIMO 9	-0.13	/	/	/	/



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		Combined 8+9	5.07	1.50	6.57	24.00	PASS
45	6175	SISO 8	2.22	1.50	3.72	24.00	PASS
		SISO 9	1.92	-0.82	1.10	24.00	PASS
		MIMO 8	1.58	/	/	/	/
		MIMO 9	2.71	/	/	/	/
		Combined 8+9	5.19	1.50	6.69	24.00	PASS
93	6415	SISO 8	1.97	1.50	3.47	24.00	PASS
		SISO 9	2.16	-0.82	1.34	24.00	PASS
		MIMO 8	3.69	/	/	/	/
		MIMO 9	-0.10	/	/	/	/
		Combined 8+9	5.21	1.50	6.71	24.00	PASS
97	6435	SISO 8	2.11	0.94	3.05	24.00	PASS
		SISO 9	2.14	-7.91	-5.77	24.00	PASS
		MIMO 8	3.69	/	/	/	/
		MIMO 9	-0.26	/	/	/	/
		Combined 8+9	5.16	0.94	6.10	24.00	PASS
105	6475	SISO 8	2.12	0.94	3.06	24.00	PASS
		SISO 9	1.95	-7.91	-5.96	24.00	PASS
		MIMO 8	3.69	/	/	/	/
		MIMO 9	-0.61	/	/	/	/
		Combined 8+9	5.06	0.94	6.00	24.00	PASS
113	6515	SISO 8	1.94	0.94	2.88	24.00	PASS
		SISO 9	2.12	-7.91	-5.79	24.00	PASS
		MIMO 8	3.50	/	/	/	/
		MIMO 9	-0.43	/	/	/	/
		Combined 8+9	4.98	0.94	5.92	24.00	PASS
117	6535	SISO 8	2.30	1.51	3.81	24.00	PASS
		SISO 9	2.24	-5.07	-2.83	24.00	PASS
		MIMO 8	3.77	/	/	/	/
		MIMO 9	-0.12	/	/	/	/
		Combined 8+9	5.26	1.51	6.77	24.00	PASS
153	6715	SISO 8	2.11	1.51	3.62	24.00	PASS
		SISO 9	2.25	-5.07	-2.82	24.00	PASS
		MIMO 8	3.26	/	/	/	/
		MIMO 9	0.94	/	/	/	/
		Combined 8+9	5.26	1.51	6.77	24.00	PASS
181	6855	SISO 8	2.16	1.51	3.67	24.00	PASS
		SISO 9	2.18	-5.07	-2.89	24.00	PASS
		MIMO 8	3.03	/	/	/	/
		MIMO 9	0.38	/	/	/	/
		Combined 8+9	4.91	1.51	6.42	24.00	PASS



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185	6875	SISO 8	2.34	0.25	2.59	24.00	PASS
		SISO 9	2.17	-2.55	-0.38	24.00	PASS
		MIMO 8	3.36	/	/	/	/
		MIMO 9	0.79	/	/	/	/
		Combined 8+9	5.27	0.25	5.52	24.00	PASS
213	7015	SISO 8	1.94	0.25	2.19	24.00	PASS
		SISO 9	1.97	-2.55	-0.58	24.00	PASS
		MIMO 8	3.52	/	/	/	/
		MIMO 9	-1.14	/	/	/	/
		Combined 8+9	4.80	0.25	5.05	24.00	PASS
229	7095	SISO 8	2.05	0.25	2.30	24.00	PASS
		SISO 9	1.96	-2.55	-0.59	24.00	PASS
		MIMO 8	3.95	/	/	/	/
		MIMO 9	-0.77	/	/	/	/
		Combined 8+9	5.21	0.25	5.46	24.00	PASS
233	7115	SISO 8	2.11	0.25	2.36	24.00	PASS
		SISO 9	2.32	-2.55	-0.23	24.00	PASS
		MIMO 8	3.66	/	/	/	/
		MIMO 9	-0.89	/	/	/	/
		Combined 8+9	4.97	0.25	5.22	24.00	PASS

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Chain	Result (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
3	5965	SISO 8	5.32	1.50	6.82	24.00	PASS
		SISO 9	5.38	-0.82	4.56	24.00	PASS
		MIMO 8	5.88	/	/	/	/
		MIMO 9	3.61	/	/	/	/
		Combined 8+9	7.90	1.50	9.40	24.00	PASS
43	6165	SISO 8	5.35	1.50	6.85	24.00	PASS
		SISO 9	5.30	-0.82	4.48	24.00	PASS
		MIMO 8	4.59	/	/	/	/
		MIMO 9	5.58	/	/	/	/
		Combined 8+9	8.13	1.50	9.63	24.00	PASS
91	6405	SISO 8	5.30	1.50	6.80	24.00	PASS
		SISO 9	5.38	-0.82	4.56	24.00	PASS
		MIMO 8	6.69	/	/	/	/
		MIMO 9	2.74	/	/	/	/
		Combined 8+9	8.16	1.50	9.66	24.00	PASS
99	6445	SISO 8	5.30	0.94	6.24	24.00	PASS



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		SISO 9	5.21	-7.91	-2.70	24.00	PASS
		MIMO 8	6.30	/	/	/	/
		MIMO 9	2.24	/	/	/	/
		Combined 8+9	7.74	0.94	8.68	24.00	PASS
107	6485	SISO 8	5.06	0.94	6.00	24.00	PASS
		SISO 9	5.15	-7.91	-2.76	24.00	PASS
		MIMO 8	6.64	/	/	/	/
		MIMO 9	2.15	/	/	/	/
		Combined 8+9	7.96	0.94	8.90	24.00	PASS
115	6525	SISO 8	5.05	0.94	5.99	24.00	PASS
		SISO 9	5.03	-7.91	-2.88	24.00	PASS
		MIMO 8	6.72	/	/	/	/
		MIMO 9	2.44	/	/	/	/
		Combined 8+9	8.10	0.94	9.04	24.00	PASS
123	6565	SISO 8	4.76	1.51	6.27	24.00	PASS
		SISO 9	5.22	-5.07	0.15	24.00	PASS
		MIMO 8	6.26	/	/	/	/
		MIMO 9	2.68	/	/	/	/
		Combined 8+9	7.84	1.51	9.35	24.00	PASS
155	6725	SISO 8	5.25	1.51	6.76	24.00	PASS
		SISO 9	4.99	-5.07	-0.08	24.00	PASS
		MIMO 8	6.34	/	/	/	/
		MIMO 9	3.43	/	/	/	/
		Combined 8+9	8.13	1.51	9.64	24.00	PASS
179	6845	SISO 8	5.08	1.51	6.59	24.00	PASS
		SISO 9	4.92	-5.07	-0.15	24.00	PASS
		MIMO 8	6.65	/	/	/	/
		MIMO 9	3.22	/	/	/	/
		Combined 8+9	8.28	1.51	9.79	24.00	PASS
187	6885	SISO 8	5.07	0.25	5.32	24.00	PASS
		SISO 9	5.20	-2.55	2.65	24.00	PASS
		MIMO 8	6.56	/	/	/	/
		MIMO 9	3.39	/	/	/	/
		Combined 8+9	8.27	1.51	9.78	24.00	PASS
211	7005	SISO 8	5.09	0.25	5.34	24.00	PASS
		SISO 9	5.02	-2.55	2.47	24.00	PASS
		MIMO 8	6.36	/	/	/	/
		MIMO 9	2.74	/	/	/	/
		Combined 8+9	7.93	0.25	8.18	24.00	PASS
227	7085	SISO 8	5.33	0.25	5.58	24.00	PASS
		SISO 9	5.22	-2.55	2.67	24.00	PASS



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		MIMO 8	7.17	/	/	/	/
		MIMO 9	1.56	/	/	/	/
		Combined 8+9	8.22	0.25	8.47	24.00	PASS

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Chain	Result (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
7	5985	SISO 8	8.26	1.50	9.76	24.00	PASS
		SISO 9	7.93	-0.82	7.11	24.00	PASS
		MIMO 8	9.30	/	/	/	/
		MIMO 9	6.37	/	/	/	/
		Combined 8+9	11.09	1.50	12.59	24.00	PASS
39	6145	SISO 8	7.91	1.50	9.41	24.00	PASS
		SISO 9	7.99	-0.82	7.17	24.00	PASS
		MIMO 8	8.14	/	/	/	/
		MIMO 9	7.99	/	/	/	/
		Combined 8+9	11.08	1.50	12.58	24.00	PASS
87	6385	SISO 8	8.35	1.50	9.85	24.00	PASS
		SISO 9	7.95	-0.82	7.13	24.00	PASS
		MIMO 8	9.63	/	/	/	/
		MIMO 9	5.66	/	/	/	/
		Combined 8+9	11.09	1.50	12.59	24.00	PASS
103	6465	SISO 8	8.16	0.94	9.10	24.00	PASS
		SISO 9	7.65	-7.91	-0.26	24.00	PASS
		MIMO 8	9.94	/	/	/	/
		MIMO 9	4.89	/	/	/	/
		Combined 8+9	11.12	0.94	12.06	24.00	PASS
119	6545	SISO 8	8.21	1.51	9.72	24.00	PASS
		SISO 9	7.75	-5.07	2.68	24.00	PASS
		MIMO 8	9.98	/	/	/	/
		MIMO 9	5.34	/	/	/	/
		Combined 8+9	11.26	1.51	12.77	24.00	PASS
135	6625	SISO 8	7.94	1.51	9.45	24.00	PASS
		SISO 9	7.08	-5.07	2.01	24.00	PASS
		MIMO 8	9.67	/	/	/	/
		MIMO 9	5.08	/	/	/	/
		Combined 8+9	10.97	1.51	12.48	24.00	PASS
151	6705	SISO 8	8.17	1.51	9.68	24.00	PASS
		SISO 9	7.72	-5.07	2.65	24.00	PASS



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		MIMO 8	9.58	/	/	/	/
		MIMO 9	5.85	/	/	/	/
		Combined 8+9	11.11	1.51	12.62	24.00	PASS
167	6785	SISO 8	8.09	1.51	9.60	24.00	PASS
		SISO 9	8.27	-5.07	3.20	24.00	PASS
		MIMO 8	10.13	/	/	/	/
		MIMO 9	4.99	/	/	/	/
		Combined 8+9	11.29	1.51	12.80	24.00	PASS
183	6865	SISO 8	8.07	1.51	9.58	24.00	PASS
		SISO 9	7.96	-5.07	2.89	24.00	PASS
		MIMO 8	8.97	/	/	/	/
		MIMO 9	5.45	/	/	/	/
		Combined 8+9	10.57	1.51	12.08	24.00	PASS
199	6945	SISO 8	7.89	0.25	8.14	24.00	PASS
		SISO 9	7.92	-2.55	5.37	24.00	PASS
		MIMO 8	9.07	/	/	/	/
		MIMO 9	5.52	/	/	/	/
		Combined 8+9	10.66	0.25	10.91	24.00	PASS
215	7025	SISO 8	8.33	0.25	8.58	24.00	PASS
		SISO 9	7.71	-2.55	5.16	24.00	PASS
		MIMO 8	9.45	/	/	/	/
		MIMO 9	5.48	/	/	/	/
		Combined 8+9	10.91	0.25	11.16	24.00	PASS

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	Chain	Result (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
15	6025	SISO 8	11.20	1.50	12.70	24.00	PASS
		SISO 9	10.91	-0.82	10.09	24.00	PASS
		MIMO 8	11.43	/	/	/	/
		MIMO 9	10.12	/	/	/	/
		Combined 8+9	13.83	1.50	15.33	24.00	PASS
47	6185	SISO 8	10.94	1.50	12.44	24.00	PASS
		SISO 9	11.20	-0.82	10.38	24.00	PASS
		MIMO 8	11.06	/	/	/	/
		MIMO 9	11.28	/	/	/	/
		Combined 8+9	14.18	1.50	15.68	24.00	PASS
79	6345	SISO 8	10.98	1.50	12.48	24.00	PASS



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		SISO 9	10.17	-0.82	9.35	24.00	PASS
		MIMO 8	12.56	/	/	/	/
		MIMO 9	8.48	/	/	/	/
		Combined 8+9	13.99	1.50	15.49	24.00	PASS
111	6505	SISO 8	10.91	0.94	11.85	24.00	PASS
		SISO 9	10.78	-7.91	2.87	24.00	PASS
		MIMO 8	12.75	/	/	/	/
		MIMO 9	6.52	/	/	/	/
		Combined 8+9	13.68	0.94	14.62	24.00	PASS
143	6665	SISO 8	10.61	1.51	12.12	24.00	PASS
		SISO 9	11.36	-5.07	6.29	24.00	PASS
		MIMO 8	13.14	/	/	/	/
		MIMO 9	6.97	/	/	/	/
		Combined 8+9	14.08	1.51	15.59	24.00	PASS
175	6825	SISO 8	11.20	1.51	12.71	24.00	PASS
		SISO 9	11.65	-5.07	6.58	24.00	PASS
		MIMO 8	12.94	/	/	/	/
		MIMO 9	8.51	/	/	/	/
		Combined 8+9	14.28	1.51	15.79	24.00	PASS
207	6985	SISO 8	11.31	0.25	11.56	24.00	PASS
		SISO 9	10.75	-2.55	8.20	24.00	PASS
		MIMO 8	12.70	/	/	/	/
		MIMO 9	8.76	/	/	/	/
		Combined 8+9	14.17	0.25	14.42	24.00	PASS