

Appendix C. Maximum e.i.r.p. at any elevation angle above 30 degrees

1. Maximum e.i.r.p. at any elevation angle above 30 degrees

<For Non-Beamforming Mode>

Mode 1 (Ant. 5 Polarized Panel / 10.7dBi / 1TX)

Mode	Frequency	Modulation	Channel	Data Rate	Conducted Pass Setting	Chain 2 (dBm)	Total (dBm)	Elevation angle above 30° Max gain (dBi)	Elevation angle above 30° Max EIRP (dBm)	EIRP Power Limit (dBm)	Test Result
Non BF	5180MHz	OFDM	Ch36	6Mbps	59	13.55	13.55	7.337	20.89	21	Complies
	5200MHz	OFDM	Ch40	6Mbps	59	13.58	13.58	7.337	20.92	21	Complies
	5240MHz	OFDM	Ch48	6Mbps	59	13.55	13.55	7.337	20.89	21	Complies
	5180MHz	HT20	Ch36	MCS0	59	13.57	13.57	7.337	20.91	21	Complies
	5200MHz	HT20	Ch40	MCS0	59	13.61	13.61	7.337	20.95	21	Complies
	5240MHz	HT20	Ch48	MCS0	59	13.56	13.56	7.337	20.90	21	Complies
	5190MHz	HT40	Ch38	MCS0	59	13.62	13.62	7.337	20.96	21	Complies
	5230MHz	HT40	Ch46	MCS0	59	13.46	13.46	7.337	20.80	21	Complies
	5180MHz	VHT20	Ch36	MCS0-Nss1	59	13.62	13.62	7.337	20.96	21	Complies
	5200MHz	VHT20	Ch40	MCS0-Nss1	59	13.6	13.60	7.337	20.94	21	Complies
	5240MHz	VHT20	Ch48	MCS0-Nss1	59	13.57	13.57	7.337	20.91	21	Complies
	5190MHz	VHT40	Ch38	MCS0-Nss1	59	13.64	13.64	7.337	20.98	21	Complies
	5230MHz	VHT40	Ch46	MCS0-Nss1	59	13.49	13.49	7.337	20.83	21	Complies
	5210MHz	VHT80	Ch42	MCS0-Nss1	61	13.52	13.52	7.337	20.86	21	Complies

Mode 1 (Ant. 5 Polarized Panel / 10.7dBi / 2TX)

Mode	Frequency	Modulation	Channel	Data Rate	Conducted Pass Setting	Chain 1 (dBm)	Chain 2 (dBm)	Total (dBm)	Elevation angle above 30° Max gain (dBi)	Elevation angle above 30° Max EIRP (dBm)	EIRP Power Limit (dBm)	Test Result
Non BF	5180MHz	OFDM	Ch36	6Mbps	49	9.63	11.16	13.47	7.337	20.81	21	Complies
	5200MHz	OFDM	Ch40	6Mbps	50	9.49	11.22	13.45	7.337	20.79	21	Complies
	5240MHz	OFDM	Ch48	6Mbps	48	9.88	10.94	13.45	7.337	20.79	21	Complies
	5180MHz	HT20	Ch36	MCS0	49	9.71	11.09	13.46	7.337	20.80	21	Complies
	5200MHz	HT20	Ch40	MCS0	50	9.8	10.96	13.43	7.337	20.77	21	Complies
	5240MHz	HT20	Ch48	MCS0	48	9.89	10.95	13.46	7.337	20.80	21	Complies
	5190MHz	HT40	Ch38	MCS0	49	9.87	11.21	13.60	7.337	20.94	21	Complies
	5230MHz	HT40	Ch46	MCS0	48	10.01	11.03	13.56	7.337	20.90	21	Complies
	5180MHz	VHT20	Ch36	MCS0-Nss1	49	9.64	11.19	13.49	7.337	20.83	21	Complies
	5200MHz	VHT20	Ch40	MCS0-Nss1	50	9.48	11.25	13.46	7.337	20.80	21	Complies
	5240MHz	VHT20	Ch48	MCS0-Nss1	48	9.89	10.95	13.46	7.337	20.80	21	Complies
	5190MHz	VHT40	Ch38	MCS0-Nss1	49	9.88	11.22	13.61	7.337	20.95	21	Complies
	5230MHz	VHT40	Ch46	MCS0-Nss1	48	10.03	11.05	13.58	7.337	20.92	21	Complies
	5210MHz	VHT80	Ch42	MCS0-Nss1	49	10.01	11.2	13.66	7.337	20.99	21	Complies

Mode 1 (Ant. 5 Polarized Panel / 10.7dBi / 3TX)

Mode	Frequency	Modulation	Channel	Data Rate	Conducted Pass Setting	Chain 1 (dBm)	Chain 2 (dBm)	Chain 3 (dBm)	Total (dBm)	Elevation angle above 30° Max gain (dBi)	Elevation angle above 30° Max EIRP (dBm)	EIRP Power Limit (dBm)	Test Result
Non BF	5180MHz	OFDM	Ch36	6Mbps	42	8.44	9.61	8.19	13.56	7.337	20.90	21	Complies
	5200MHz	OFDM	Ch40	6Mbps	42	8.35	9.62	8.4	13.60	7.337	20.94	21	Complies
	5240MHz	OFDM	Ch48	6Mbps	42	8.58	9.25	8.53	13.57	7.337	20.91	21	Complies
	5180MHz	HT20	Ch36	MCS0	42	8.48	9.66	8.31	13.63	7.337	20.97	21	Complies
	5200MHz	HT20	Ch40	MCS0	42	8.38	9.57	8.37	13.58	7.337	20.92	21	Complies
	5240MHz	HT20	Ch48	MCS0	42	8.56	9.28	8.49	13.56	7.337	20.90	21	Complies
	5190MHz	HT40	Ch38	MCS0	42	8.45	9.42	8.12	13.47	7.337	20.81	21	Complies
	5230MHz	HT40	Ch46	MCS0	42	8.37	9.42	8.35	13.51	7.337	20.85	21	Complies
	5180MHz	VHT20	Ch36	MCS0-Nss1	42	8.47	9.68	8.33	13.64	7.337	20.98	21	Complies
	5200MHz	VHT20	Ch40	MCS0-Nss1	42	8.37	9.62	8.45	13.62	7.337	20.96	21	Complies
	5240MHz	VHT20	Ch48	MCS0-Nss1	42	8.59	9.31	8.66	13.64	7.337	20.97	21	Complies
	5190MHz	VHT40	Ch38	MCS0-Nss1	42	8.49	9.47	8.17	13.52	7.337	20.85	21	Complies
	5230MHz	VHT40	Ch46	MCS0-Nss1	42	8.36	9.47	8.38	13.54	7.337	20.88	21	Complies
	5210MHz	VHT80	Ch42	MCS0-Nss1	43	8.25	9.79	8.42	13.65	7.337	20.98	21	Complies

Mode 2 (Ant. 7 Patch antenna / 5.4dBi / 1TX)

Mode	Frequency	Modulation	Channel	Data Rate	Conducted Pass Setting	Chain 1 (dBm)	Total (dBm)	Elevation angle above 30° Max gain (dBi)	Elevation angle above 30° Max EIRP (dBm)	EIRP Power Limit (dBm)	Test Result
Non BF	5180MHz	OFDM	Ch36	6Mbps	85	19.41	19.41	1.330	20.74	21	Complies
	5200MHz	OFDM	Ch40	6Mbps	85	19.55	19.55	1.330	20.88	21	Complies
	5240MHz	OFDM	Ch48	6Mbps	85	19.51	19.51	1.330	20.84	21	Complies
	5180MHz	HT20	Ch36	MCS0	85	19.33	19.33	1.330	20.66	21	Complies
	5200MHz	HT20	Ch40	MCS0	85	19.45	19.45	1.330	20.78	21	Complies
	5240MHz	HT20	Ch48	MCS0	85	19.47	19.47	1.330	20.80	21	Complies
	5190MHz	HT40	Ch38	MCS0	74	16.13	16.13	1.330	17.46	21	Complies
	5230MHz	HT40	Ch46	MCS0	85	19.53	19.53	1.330	20.86	21	Complies
	5180MHz	VHT20	Ch36	MCS0-Nss1	85	19.59	19.59	1.330	20.92	21	Complies
	5200MHz	VHT20	Ch40	MCS0-Nss1	85	19.5	19.50	1.330	20.83	21	Complies
	5240MHz	VHT20	Ch48	MCS0-Nss1	85	19.59	19.59	1.330	20.92	21	Complies
	5190MHz	VHT40	Ch38	MCS0-Nss1	74	16.25	16.25	1.330	17.58	21	Complies
	5230MHz	VHT40	Ch46	MCS0-Nss1	85	19.59	19.59	1.330	20.92	21	Complies
	5210MHz	VHT80	Ch42	MCS0-Nss1	71	14.68	14.68	1.330	16.01	21	Complies

Mode 2 (Ant. 7 Patch antenna / 5.4dBi / 2TX)

Mode	Frequency	Modulation	Channel	Data Rate	Conducted Pass Setting	Chain 1 (dBm)	Chain 2 (dBm)	Total (dBm)	Elevation angle above 30° Max gain (dBi)	Elevation angle above 30° Max EIRP (dBm)	EIRP Power Limit (dBm)	Test Result
Non BF	5180MHz	OFDM	Ch36	6Mbps	74	16.53	16.62	19.59	1.330	20.92	21	Complies
	5200MHz	OFDM	Ch40	6Mbps	74	16.41	16.68	19.56	1.330	20.89	21	Complies
	5240MHz	OFDM	Ch48	6Mbps	74	16.4	16.61	19.52	1.330	20.85	21	Complies
	5180MHz	HT20	Ch36	MCS0	74	16.52	16.62	19.58	1.330	20.91	21	Complies
	5200MHz	HT20	Ch40	MCS0	74	16.42	16.67	19.56	1.330	20.89	21	Complies
	5240MHz	HT20	Ch48	MCS0	74	16.4	16.6	19.51	1.330	20.84	21	Complies
	5190MHz	HT40	Ch38	MCS0	74	16.43	16.8	19.63	1.330	20.96	21	Complies
	5230MHz	HT40	Ch46	MCS0	74	16.45	16.81	19.64	1.330	20.97	21	Complies
	5180MHz	VHT20	Ch36	MCS0-Nss1	74	16.54	16.63	19.60	1.330	20.93	21	Complies
	5200MHz	VHT20	Ch40	MCS0-Nss1	74	16.43	16.7	19.58	1.330	20.91	21	Complies
	5240MHz	VHT20	Ch48	MCS0-Nss1	74	16.41	16.62	19.53	1.330	20.86	21	Complies
	5190MHz	VHT40	Ch38	MCS0-Nss1	74	16.23	17.02	19.65	1.330	20.98	21	Complies
	5230MHz	VHT40	Ch46	MCS0-Nss1	74	16.22	16.98	19.63	1.330	20.96	21	Complies
	5210MHz	VHT80	Ch42	MCS0-Nss1	73	15.57	17.02	19.37	1.330	20.70	21	Complies

Mode 2 (Ant. 7 Patch antenna / 5.4dBi / 3TX)

Mode	Frequency	Modulation	Channel	Data Rate	Conducted Pass Setting	Chain 1 (dBm)	Chain 2 (dBm)	Chain 3 (dBm)	Total (dBm)	Elevation angle above 30° Max gain (dBi)	Elevation angle above 30° Max EIRP (dBm)	EIRP Power Limit (dBm)	Test Result
Non BF	5180MHz	OFDM	Ch36	6Mbps	68	14.28	15.62	14.50	19.61	1.330	20.94	21	Complies
	5200MHz	OFDM	Ch40	6Mbps	68	14.30	15.68	14.52	19.65	1.330	20.98	21	Complies
	5240MHz	OFDM	Ch48	6Mbps	68	14.31	15.63	14.42	19.60	1.330	20.93	21	Complies
	5180MHz	HT20	Ch36	MCS0	68	14.19	15.63	14.52	19.60	1.330	20.93	21	Complies
	5200MHz	HT20	Ch40	MCS0	68	14.33	15.66	14.51	19.65	1.330	20.98	21	Complies
	5240MHz	HT20	Ch48	MCS0	68	14.32	15.62	14.42	19.60	1.330	20.93	21	Complies
	5190MHz	HT40	Ch38	MCS0	68	14.29	15.81	14.29	19.63	1.330	20.96	21	Complies
	5230MHz	HT40	Ch46	MCS0	68	14.77	15.45	13.91	19.53	1.330	20.86	21	Complies
	5180MHz	VHT20	Ch36	MCS0-Nss1	68	14.30	15.6	14.51	19.61	1.330	20.94	21	Complies
	5200MHz	VHT20	Ch40	MCS0-Nss1	68	14.31	15.69	14.53	19.66	1.330	20.99	21	Complies
	5240MHz	VHT20	Ch48	MCS0-Nss1	68	14.32	15.66	14.43	19.62	1.330	20.95	21	Complies
	5190MHz	VHT40	Ch38	MCS0-Nss1	68	14.32	15.85	14.31	19.66	1.330	20.99	21	Complies
	5230MHz	VHT40	Ch46	MCS0-Nss1	68	14.79	15.55	13.92	19.58	1.330	20.91	21	Complies
	5210MHz	VHT80	Ch42	MCS0-Nss1	68	14.22	15.44	14.47	19.51	1.330	20.84	21	Complies

Mode 3 (Ant. 4 Panel antenna / 5.1dBi / 1TX)

Mode	Frequency	Modulation	Channel	Data Rate	Conducted Pass Setting	Chain 2 (dBm)	Total (dBm)	Elevation angle above 30° Max gain (dBi)	Elevation angle above 30° Max EIRP (dBm)	EIRP Power Limit (dBm)	Test Result
Non BF	5180MHz	OFDM	Ch36	6Mbps	72	16.61	16.61	4.303	20.91	21	Complies
	5200MHz	OFDM	Ch40	6Mbps	72	16.55	16.55	4.303	20.85	21	Complies
	5240MHz	OFDM	Ch48	6Mbps	73	16.57	16.57	4.303	20.87	21	Complies
	5180MHz	HT20	Ch36	MCS0	72	16.55	16.55	4.303	20.85	21	Complies
	5200MHz	HT20	Ch40	MCS0	72	16.59	16.59	4.303	20.89	21	Complies
	5240MHz	HT20	Ch48	MCS0	73	16.53	16.53	4.303	20.83	21	Complies
	5190MHz	HT40	Ch38	MCS0	71	16.45	16.45	4.303	20.75	21	Complies
	5230MHz	HT40	Ch46	MCS0	73	16.61	16.61	4.303	20.91	21	Complies
	5180MHz	VHT20	Ch36	MCS0-Nss1	72	16.61	16.61	4.303	20.91	21	Complies
	5200MHz	VHT20	Ch40	MCS0-Nss1	72	16.65	16.65	4.303	20.95	21	Complies
	5240MHz	VHT20	Ch48	MCS0-Nss1	73	16.67	16.67	4.303	20.97	21	Complies
	5190MHz	VHT40	Ch38	MCS0-Nss1	71	16.42	16.42	4.303	20.72	21	Complies
	5230MHz	VHT40	Ch46	MCS0-Nss1	73	16.61	16.61	4.303	20.91	21	Complies
	5210MHz	VHT80	Ch42	MCS0-Nss1	71	16.32	16.32	4.303	20.62	21	Complies

Mode 3 (Ant. 4 Panel antenna / 5.1dBi / 2TX)

Mode	Frequency	Modulation	Channel	Data Rate	Conducted Pass Setting	Chain 1 (dBm)	Chain 2 (dBm)	Total (dBm)	Elevation angle above 30° Max gain (dBi)	Elevation angle above 30° Max EIRP (dBm)	EIRP Power Limit (dBm)	Test Result
Non BF	5180MHz	OFDM	Ch36	6Mbps	62	13.17	14.13	16.69	4.303	20.99	21	Complies
	5200MHz	OFDM	Ch40	6Mbps	62	13.19	14.11	16.68	4.303	20.99	21	Complies
	5240MHz	OFDM	Ch48	6Mbps	62	12.81	14.14	16.54	4.303	20.84	21	Complies
	5180MHz	HT20	Ch36	MCS0	62	13.03	14.13	16.63	4.303	20.93	21	Complies
	5200MHz	HT20	Ch40	MCS0	62	13.12	14.16	16.68	4.303	20.98	21	Complies
	5240MHz	HT20	Ch48	MCS0	62	13.12	14.05	16.62	4.303	20.92	21	Complies
	5190MHz	HT40	Ch38	MCS0	60	13.2	13.81	16.53	4.303	20.83	21	Complies
	5230MHz	HT40	Ch46	MCS0	62	13.07	14.15	16.65	4.303	20.96	21	Complies
	5180MHz	VHT20	Ch36	MCS0-Nss1	62	13.04	14.2	16.67	4.303	20.97	21	Complies
	5200MHz	VHT20	Ch40	MCS0-Nss1	62	12.99	14.26	16.68	4.303	20.98	21	Complies
	5240MHz	VHT20	Ch48	MCS0-Nss1	62	12.95	14.14	16.60	4.303	20.90	21	Complies
	5190MHz	VHT40	Ch38	MCS0-Nss1	60	12.85	14.04	16.50	4.303	20.80	21	Complies
	5230MHz	VHT40	Ch46	MCS0-Nss1	62	13.12	14.15	16.68	4.303	20.98	21	Complies
	5210MHz	VHT80	Ch42	MCS0-Nss1	60	12.99	14.18	16.64	4.303	20.94	21	Complies

Mode 3 (Ant. 4 Panel antenna / 5.1dBi / 3TX)

Mode	Frequency	Modulation	Channel	Data Rate	Conducted Pass Setting	Chain 1 (dBm)	Chain 2 (dBm)	Chain 3 (dBm)	Total (dBm)	Elevation angle above 30° Max gain (dBi)	Elevation angle above 30° Max EIRP (dBm)	EIRP Power Limit (dBm)	Test Result
Non BF	5180MHz	OFDM	Ch36	6Mbps	56	11.75	12.62	11.21	16.67	4.303	20.97	21	Complies
	5200MHz	OFDM	Ch40	6Mbps	56	11.91	12.62	11.05	16.68	4.303	20.98	21	Complies
	5240MHz	OFDM	Ch48	6Mbps	56	11.52	12.54	11.32	16.60	4.303	20.90	21	Complies
	5180MHz	HT20	Ch36	MCS0	56	11.76	12.68	11.08	16.66	4.303	20.96	21	Complies
	5200MHz	HT20	Ch40	MCS0	56	11.83	12.65	11.08	16.67	4.303	20.97	21	Complies
	5240MHz	HT20	Ch48	MCS0	56	11.55	12.55	11.33	16.61	4.303	20.92	21	Complies
	5190MHz	HT40	Ch38	MCS0	54	11.31	12.76	11.14	16.57	4.303	20.87	21	Complies
	5230MHz	HT40	Ch46	MCS0	54	11.61	12.56	11.24	16.61	4.303	20.91	21	Complies
	5180MHz	VHT20	Ch36	MCS0-Nss1	56	11.79	12.69	11.11	16.68	4.303	20.99	21	Complies
	5200MHz	VHT20	Ch40	MCS0-Nss1	56	11.89	12.63	11.06	16.68	4.303	20.98	21	Complies
	5240MHz	VHT20	Ch48	MCS0-Nss1	56	11.54	12.56	11.37	16.63	4.303	20.93	21	Complies
	5190MHz	VHT40	Ch38	MCS0-Nss1	54	11.36	12.72	11.17	16.58	4.303	20.88	21	Complies
	5230MHz	VHT40	Ch46	MCS0-Nss1	54	11.62	12.53	11.21	16.59	4.303	20.90	21	Complies
	5210MHz	VHT80	Ch42	MCS0-Nss1	54	11.08	12.64	11.48	16.56	4.303	20.86	21	Complies

<For Beamforming Mode>

Mode 1 (Ant. 5 Polarized Panel / 10.7dBi / 2TX)

Mode	Frequency	Modulation	Channel	Data Rate	Conducted Pass Setting	Chain 1 (dBm)	Chain 2 (dBm)	Total (dBm)	Elevation angle above 30° Max gain (dBi)	Elevation angle above 30° Max EIRP (dBm)	EIRP Power Limit (dBm)	Test Result
BF	5180MHz	OFDM	Ch36	6Mbps	49	9.63	11.16	13.47	7.337	20.81	21	Complies
	5200MHz	OFDM	Ch40	6Mbps	50	9.49	11.22	13.45	7.337	20.79	21	Complies
	5240MHz	OFDM	Ch48	6Mbps	48	9.88	10.94	13.45	7.337	20.79	21	Complies
	5180MHz	VHT20	Ch36	MCS0-Nss1	49	9.64	11.19	13.49	7.337	20.83	21	Complies
	5200MHz	VHT20	Ch40	MCS0-Nss1	50	9.48	11.25	13.46	7.337	20.80	21	Complies
	5240MHz	VHT20	Ch48	MCS0-Nss1	48	9.89	10.95	13.46	7.337	20.80	21	Complies
	5190MHz	VHT40	Ch38	MCS0-Nss1	49	9.88	11.22	13.61	7.337	20.95	21	Complies
	5230MHz	VHT40	Ch46	MCS0-Nss1	48	10.03	11.05	13.58	7.337	20.92	21	Complies
	5210MHz	VHT80	Ch42	MCS0-Nss1	49	10.01	11.2	13.66	7.337	20.99	21	Complies

Note: BF: Beamforming

Mode 1 (Ant. 5 Polarized Panel / 10.7dBi / 3TX)

Mode	Frequency	Modulation	Channel	Data Rate	Conducted Pass Setting	Chain 1 (dBm)	Chain 2 (dBm)	Chain 3 (dBm)	Total (dBm)	Elevation angle above 30° Max gain (dBi)	Elevation angle above 30° Max EIRP (dBm)	EIRP Power Limit (dBm)	Test Result
BF	5180MHz	OFDM	Ch36	6Mbps	35	6.84	6.77	5.86	11.28	9.557	20.84	21	Complies
	5200MHz	OFDM	Ch40	6Mbps	35	6.76	6.84	5.9	11.29	9.557	20.85	21	Complies
	5240MHz	OFDM	Ch48	6Mbps	35	6.77	6.81	5.91	11.29	9.557	20.84	21	Complies
	5180MHz	VHT20	Ch36	MCS0-Nss1	35	6.82	6.78	5.9	11.29	9.557	20.85	21	Complies
	5200MHz	VHT20	Ch40	MCS0-Nss1	35	6.78	6.88	5.92	11.32	9.557	20.88	21	Complies
	5240MHz	VHT20	Ch48	MCS0-Nss1	35	6.79	6.82	5.93	11.30	9.557	20.86	21	Complies
	5190MHz	VHT40	Ch38	MCS0-Nss1	35	6.64	6.88	6.01	11.30	9.557	20.85	21	Complies
	5230MHz	VHT40	Ch46	MCS0-Nss1	35	6.66	6.89	6.02	11.31	9.557	20.87	21	Complies
	5210MHz	VHT80	Ch42	MCS0-Nss1	35	6.68	6.91	6.03	11.33	9.557	20.88	21	Complies

Note: BF: Beamforming

Mode 2 (Ant. 7 Patch antenna / 5.4dBi / 2TX)

Mode	Frequency	Modulation	Channel	Data Rate	Conducted Pass Setting	Chain 1 (dBm)	Chain 2 (dBm)	Total (dBm)	Elevation angle above 30° Max gain (dBi)	Elevation angle above 30° Max EIRP (dBm)	EIRP Power Limit (dBm)	Test Result
BF	5180MHz	OFDM	Ch36	6Mbps	62	13.11	13.86	16.51	4.340	20.85	21	Complies
	5200MHz	OFDM	Ch40	6Mbps	62	13.13	13.74	16.46	4.340	20.80	21	Complies
	5240MHz	OFDM	Ch48	6Mbps	62	13.13	13.72	16.45	4.340	20.79	21	Complies
	5180MHz	VHT20	Ch36	MCS0-Nss1	62	13.12	13.81	16.49	4.340	20.83	21	Complies
	5200MHz	VHT20	Ch40	MCS0-Nss1	62	13.20	13.88	16.56	4.340	20.90	21	Complies
	5240MHz	VHT20	Ch48	MCS0-Nss1	62	13.17	13.86	16.54	4.340	20.88	21	Complies
	5190MHz	VHT40	Ch38	MCS0-Nss1	60	13.03	13.98	16.54	4.340	20.88	21	Complies
	5230MHz	VHT40	Ch46	MCS0-Nss1	61	13.21	13.94	16.60	4.340	20.94	21	Complies
	5210MHz	VHT80	Ch42	MCS0-Nss1	61	12.98	14.02	16.54	4.340	20.88	21	Complies

Note: BF: Beamforming

Mode 2 (Ant. 7 Patch antenna / 5.4dBi / 3TX)

Mode	Frequency	Modulation	Channel	Data Rate	Conducted Pass Setting	Chain 1 (dBm)	Chain 2 (dBm)	Chain 3 (dBm)	Total (dBm)	Elevation angle above 30° Max gain (dBi)	Elevation angle above 30° Max EIRP (dBm)	EIRP Power Limit (dBm)	Test Result
BF	5180MHz	OFDM	Ch36	6Mbps	49	9.67	10.97	9.41	14.84	6.101	20.94	21	Complies
	5200MHz	OFDM	Ch40	6Mbps	48	9.88	10.55	9.71	14.83	6.101	20.93	21	Complies
	5240MHz	OFDM	Ch48	6Mbps	49	10.16	10.56	9.52	14.87	6.101	20.97	21	Complies
	5180MHz	VHT20	Ch36	MCS0-Nss1	49	9.71	10.96	9.47	14.87	6.101	20.97	21	Complies
	5200MHz	VHT20	Ch40	MCS0-Nss1	48	9.88	10.56	9.74	14.85	6.101	20.95	21	Complies
	5240MHz	VHT20	Ch48	MCS0-Nss1	49	10.18	10.59	9.53	14.89	6.101	20.99	21	Complies
	5190MHz	VHT40	Ch38	MCS0-Nss1	48	9.81	10.79	9.59	14.87	6.101	20.97	21	Complies
	5230MHz	VHT40	Ch46	MCS0-Nss1	48	10.08	10.62	9.6	14.89	6.101	20.99	21	Complies
	5210MHz	VHT80	Ch42	MCS0-Nss1	48	9.67	10.7	9.56	14.78	6.101	20.88	21	Complies

Note: BF: Beamforming

Mode 3 (Ant. 4 Panel antenna / 5.1dBi / 2TX)

Mode	Frequency	Modulation	Channel	Data Rate	Conducted Pass Setting	Chain 1 (dBm)	Chain 2 (dBm)	Total (dBm)	Elevation angle above 30° Max gain (dBi)	Elevation angle above 30° Max EIRP (dBm)	EIRP Power Limit (dBm)	Test Result
BF	5180MHz	OFDM	Ch36	6Mbps	49	9.69	11.12	13.47	7.313	20.79	21	Complies
	5200MHz	OFDM	Ch40	6Mbps	49	9.77	11.13	13.51	7.313	20.83	21	Complies
	5240MHz	OFDM	Ch48	6Mbps	49	9.93	11.15	13.59	7.313	20.91	21	Complies
	5180MHz	VHT20	Ch36	MCS0-Nss1	49	9.98	11.12	13.60	7.313	20.91	21	Complies
	5200MHz	VHT20	Ch40	MCS0-Nss1	49	10.07	11.15	13.65	7.313	20.97	21	Complies
	5240MHz	VHT20	Ch48	MCS0-Nss1	49	10.15	11.01	13.61	7.313	20.92	21	Complies
	5190MHz	VHT40	Ch38	MCS0-Nss1	49	10.12	11.15	13.68	7.313	20.99	21	Complies
	5230MHz	VHT40	Ch46	MCS0-Nss1	49	10.09	11.11	13.64	7.313	20.95	21	Complies
	5210MHz	VHT80	Ch42	MCS0-Nss1	47	10.1	10.76	13.45	7.313	20.77	21	Complies

Note: BF: Beamforming

Mode 3 (Ant. 4 Panel antenna / 5.1dBi / 3TX)

Mode	Frequency	Modulation	Channel	Data Rate	Conducted Pass Setting	Chain 1 (dBm)	Chain 2 (dBm)	Chain 3 (dBm)	Total (dBm)	Elevation angle above 30° Max gain (dBi)	Elevation angle above 30° Max EIRP (dBm)	EIRP Power Limit (dBm)	Test Result
BF	5180MHz	OFDM	Ch36	6Mbps	35	6.99	7.65	6.69	11.90	9.074	20.97	21	Complies
	5200MHz	OFDM	Ch40	6Mbps	35	6.71	7.81	6.81	11.91	9.074	20.98	21	Complies
	5240MHz	OFDM	Ch48	6Mbps	35	7.16	7.75	6.32	11.89	9.074	20.96	21	Complies
	5180MHz	VHT20	Ch36	MCS0-Nss1	35	6.95	7.72	6.71	11.92	9.074	20.99	21	Complies
	5200MHz	VHT20	Ch40	MCS0-Nss1	35	6.69	7.82	6.84	11.92	9.074	20.99	21	Complies
	5240MHz	VHT20	Ch48	MCS0-Nss1	35	7.18	7.76	6.35	11.91	9.074	20.98	21	Complies
	5190MHz	VHT40	Ch38	MCS0-Nss1	35	6.73	7.63	6.28	11.69	9.074	20.76	21	Complies
	5230MHz	VHT40	Ch46	MCS0-Nss1	35	7.07	7.64	6.67	11.92	9.074	20.99	21	Complies
	5210MHz	VHT80	Ch42	MCS0-Nss1	35	6.08	7.75	6.82	11.71	9.074	20.78	21	Complies

Note: BF: Beamforming

<For STBC Mode>

Mode 1 (Ant. 5 Polarized Panel / 10.7dBi / 2TX)

Mode	Frequency	Modulation	Channel	Data Rate	Conducted Pass Setting	Chain 1 (dBm)	Chain 2 (dBm)	Total (dBm)	Elevation angle above 30° Max gain (dBi)	Elevation angle above 30° Max EIRP (dBm)	EIRP Power Limit (dBm)	Test Result
STBC	5180MHz	VHT20	Ch36	MCS0-Nss1	49	9.58	11.12	13.43	7.337	20.77	21	Complies
	5200MHz	VHT20	Ch40	MCS0-Nss1	50	10.16	11.03	13.63	7.337	20.96	21	Complies
	5240MHz	VHT20	Ch48	MCS0-Nss1	48	10.11	10.98	13.58	7.337	20.91	21	Complies
	5190MHz	VHT40	Ch38	MCS0-Nss1	49	9.87	11.2	13.60	7.337	20.93	21	Complies
	5230MHz	VHT40	Ch46	MCS0-Nss1	48	9.99	11.13	13.61	7.337	20.94	21	Complies
	5210MHz	VHT80	Ch42	MCS0-Nss1	49	10.05	11.18	13.66	7.337	21.00	21	Complies

Mode 1 (Ant. 5 Polarized Panel / 10.7dBi / 3TX)

Mode	Frequency	Modulation	Channel	Data Rate	Conducted Pass Setting	Chain 1 (dBm)	Chain 2 (dBm)	Chain 3 (dBm)	Total (dBm)	Elevation angle above 30° Max gain (dBi)	Elevation angle above 30° Max EIRP (dBm)	EIRP Power Limit (dBm)	Test Result
STBC	5180MHz	VHT20	Ch36	MCS0-Nss1	42	8.47	9.68	8.33	13.64	7.337	20.98	21	Complies
	5200MHz	VHT20	Ch40	MCS0-Nss1	42	8.37	9.62	8.45	13.62	7.337	20.96	21	Complies
	5240MHz	VHT20	Ch48	MCS0-Nss1	42	8.59	9.31	8.66	13.64	7.337	20.97	21	Complies
	5190MHz	VHT40	Ch38	MCS0-Nss1	42	8.49	9.47	8.17	13.52	7.337	20.85	21	Complies
	5230MHz	VHT40	Ch46	MCS0-Nss1	42	8.36	9.47	8.38	13.54	7.337	20.88	21	Complies
	5210MHz	VHT80	Ch42	MCS0-Nss1	43	8.25	9.79	8.42	13.65	7.337	20.98	21	Complies

Mode 2 (Ant. 7 Patch antenna / 5.4dBi / 2TX)

Mode	Frequency	Modulation	Channel	Data Rate	Conducted Pass Setting	Chain 1 (dBm)	Chain 2 (dBm)	Total (dBm)	Elevation angle above 30° Max gain (dBi)	Elevation angle above 30° Max EIRP (dBm)	EIRP Power Limit (dBm)	Test Result
STBC	5180MHz	VHT20	Ch36	MCS0-Nss1	75	16.37	16.88	19.64	1.330	20.97	21	Complies
	5200MHz	VHT20	Ch40	MCS0-Nss1	75	16.38	16.89	19.65	1.330	20.98	21	Complies
	5240MHz	VHT20	Ch48	MCS0-Nss1	75	16.33	16.81	19.59	1.330	20.92	21	Complies
	5190MHz	VHT40	Ch38	MCS0-Nss1	75	16.23	17.02	19.65	1.330	20.98	21	Complies
	5230MHz	VHT40	Ch46	MCS0-Nss1	75	16.22	16.98	19.63	1.330	20.96	21	Complies
	5210MHz	VHT80	Ch42	MCS0-Nss1	74	15.71	17.19	19.52	1.330	20.85	21	Complies

Mode 2 (Ant. 7 Patch antenna / 5.4dBi / 3TX)

Mode	Frequency	Modulation	Channel	Data Rate	Conducted Pass Setting	Chain 1 (dBm)	Chain 2 (dBm)	Chain 3 (dBm)	Total (dBm)	Elevation angle above 30° Max gain (dBi)	Elevation angle above 30° Max EIRP (dBm)	EIRP Power Limit (dBm)	Test Result
STBC	5180MHz	VHT20	Ch36	MCS0-Nss1	69	14.80	15.19	14.06	19.48	1.330	20.81	21	Complies
	5200MHz	VHT20	Ch40	MCS0-Nss1	69	14.72	15.55	14.09	19.60	1.330	20.93	21	Complies
	5240MHz	VHT20	Ch48	MCS0-Nss1	69	14.81	15.11	14.22	19.50	1.330	20.83	21	Complies
	5190MHz	VHT40	Ch38	MCS0-Nss1	69	14.94	15.32	14.33	19.65	1.330	20.98	21	Complies
	5230MHz	VHT40	Ch46	MCS0-Nss1	69	14.89	15.18	14.55	19.65	1.330	20.98	21	Complies
	5210MHz	VHT80	Ch42	MCS0-Nss1	68	14.59	15.37	14.64	19.65	1.330	20.98	21	Complies

Mode 3 (Ant. 4 Panel antenna / 5.1dBi / 2TX)

Mode	Frequency	Modulation	Channel	Data Rate	Conducted Pass Setting	Chain 1 (dBm)	Chain 2 (dBm)	Total (dBm)	Elevation angle above 30° Max gain (dBi)	Elevation angle above 30° Max EIRP (dBm)	EIRP Power Limit (dBm)	Test Result
STBC	5180MHz	VHT20	Ch36	MCS0-Nss1	62	13.02	14.23	16.68	4.303	20.98	21	Complies
	5200MHz	VHT20	Ch40	MCS0-Nss1	62	13.13	14.06	16.63	4.303	20.93	21	Complies
	5240MHz	VHT20	Ch48	MCS0-Nss1	62	13.15	14.06	16.64	4.303	20.94	21	Complies
	5190MHz	VHT40	Ch38	MCS0-Nss1	60	13.18	13.89	16.56	4.303	20.86	21	Complies
	5230MHz	VHT40	Ch46	MCS0-Nss1	61	13.13	14.15	16.68	4.303	20.98	21	Complies
	5210MHz	VHT80	Ch42	MCS0-Nss1	60	12.74	14.12	16.49	4.303	20.80	21	Complies

Mode 3 (Ant. 4 Panel antenna / 5.1dBi / 3TX)

Mode	Frequency	Modulation	Channel	Data Rate	Conducted Pass Setting	Chain 1 (dBm)	Chain 2 (dBm)	Chain 3 (dBm)	Total (dBm)	Elevation angle above 30° Max gain (dBi)	Elevation angle above 30° Max EIRP (dBm)	EIRP Power Limit (dBm)	Test Result
STBC	5180MHz	VHT20	Ch36	MCS0-Nss1	56	11.83	12.67	11.06	16.67	4.303	20.98	21	Complies
	5200MHz	VHT20	Ch40	MCS0-Nss1	56	12.02	12.56	11.01	16.68	4.303	20.98	21	Complies
	5240MHz	VHT20	Ch48	MCS0-Nss1	56	12.09	12.23	11.36	16.68	4.303	20.98	21	Complies
	5190MHz	VHT40	Ch38	MCS0-Nss1	55	11.86	12.57	11.22	16.69	4.303	20.99	21	Complies
	5230MHz	VHT40	Ch46	MCS0-Nss1	55	11.93	12.46	11.23	16.67	4.303	20.98	21	Complies
	5210MHz	VHT80	Ch42	MCS0-Nss1	55	11.64	12.53	11.44	16.67	4.303	20.97	21	Complies