

Appendix E

Conducted RF Output Power

Measurement of RF conducted Power
Conducted Power of WiFi 6E

Measurement of RF conducted Power

1.1 Conducted Power of WiFi 6E

WIFI 6E			ANT7 ECI 1/2/4			ANT7 ECI 3			ANT7 ECI 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-up (dBm)	Power setting	Average Power (dBm)	Tune-up (dBm)	Power setting	Average Power (dBm)	Tune-up (dBm)	Power setting
802.11ax-HE20 MCS0	1	5955	8.56	9.00	12.00	8.56	9.00	12.00	8.56	9.00	12.00
	57	6235	8.80	9.00	12.00	8.80	9.00	12.00	8.80	9.00	12.00
	113	6515	8.62	9.00	12.00	8.62	9.00	12.00	8.62	9.00	12.00
	173	6815	8.41	9.00	12.50	8.41	9.00	12.50	8.41	9.00	12.50
	233	7115	-1.01	0.00	3.50	-1.01	0.00	3.50	-1.01	0.00	3.50
802.11ax-HE40 MCS0	3	5965	11.21	12.00	15.00	8.22	9.00	12.00	10.30	11.00	14.00
	59	6245	11.56	12.00	15.00	8.53	9.00	12.00	10.51	11.00	14.00
	107	6485	10.64	12.00	15.00	7.62	9.00	12.00	9.69	11.00	14.00
	171	6805	10.38	12.00	15.50	7.37	9.00	12.50	9.42	11.00	14.50
	227	7085	10.77	12.00	15.50	7.75	9.00	12.50	9.85	11.00	14.50
802.11ax-HE80 MCS0	7	5985	14.17	14.50	19.00	8.14	9.00	13.00	10.75	11.50	15.50
	87	6385	14.38	14.50	19.00	8.47	9.00	13.00	10.83	11.50	15.50
	119	6545	14.41	14.50	19.50	8.48	9.00	13.50	10.82	11.50	16.00
	167	6785	13.97	14.50	19.50	7.99	9.00	13.50	10.55	11.50	16.00
	215	7025	13.97	14.50	19.50	7.96	9.00	13.50	10.55	11.50	16.00

WIFI 6E			ANT9 ECI 1/4/6			ANT9 ECI 3			ANT9 ECI 2		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-up (dBm)	Power setting	Average Power (dBm)	Tune-up (dBm)	Power setting	Average Power (dBm)	Tune-up (dBm)	Power setting
802.11ax-HE20 MCS0	1	5955	9.08	9.50	12.00	8.88	9.00	12.00	9.08	9.50	12.00
	57	6235	8.79	9.00	12.00	8.79	9.00	12.00	8.79	9.00	12.00
	113	6515	8.59	9.00	12.00	8.59	9.00	12.00	8.59	9.00	12.00
	173	6815	8.43	9.00	12.50	8.43	9.00	12.50	8.43	9.00	12.50
	233	7115	-0.82	0.00	3.50	-0.82	0.00	3.50	-0.82	0.00	3.50
802.11ax-HE40 MCS0	3	5965	11.21	12.00	15.00	7.94	9.00	12.00	11.21	12.00	15.00
	59	6245	11.45	12.00	15.00	8.18	9.00	12.00	11.45	12.00	15.00
	107	6485	10.63	12.00	15.00	7.36	9.00	12.00	10.63	12.00	15.00
	171	6805	10.39	12.00	15.50	7.07	9.00	12.50	10.39	12.00	15.50
	227	7085	10.70	12.00	15.50	7.40	9.00	12.50	10.70	12.00	15.50
802.11ax-HE80 MCS0	7	5985	14.07	14.50	19.00	8.10	9.00	13.00	11.07	12.00	16.00
	87	6385	14.36	14.50	19.00	8.21	9.00	13.00	11.43	12.00	16.00
	119	6545	14.38	14.50	19.50	8.30	9.00	13.50	11.32	12.00	16.50
	167	6785	13.96	14.50	19.50	7.97	9.00	13.50	10.86	12.00	16.50
	215	7025	13.86	14.50	19.50	7.90	9.00	13.50	10.92	12.00	16.50

WIFI 6E			ANT MIMO ECI 1/4/6			ANT MIMO ECI 3			ANT MIMO ECI 2		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-up (dBm)	Power setting	Average Power (dBm)	Tune-up (dBm)	Power setting	Average Power (dBm)	Tune-up (dBm)	Power setting
802.11ax-HE20 MCS0	1	5955	11.84	12.00	12.00	11.73	12.00	12.00	11.84	12.00	12.00
	57	6235	11.81	12.00	12.00	11.81	12.00	12.00	11.81	12.00	12.00
	113	6515	11.62	12.00	12.00	11.62	12.00	12.00	11.62	12.00	12.00
	173	6815	11.43	12.00	12.50	11.43	12.00	12.50	11.43	12.00	12.50
	233	7115	2.10	3.00	3.50	2.10	3.00	3.50	2.10	3.00	3.50
802.11ax-HE40 MCS0	3	5965	14.22	15.00	15.00	11.09	12.00	12.00	14.22	15.00	15.00
	59	6245	14.52	15.00	15.00	11.37	12.00	12.00	14.52	15.00	15.00
	107	6485	13.65	15.00	15.00	10.50	12.00	12.00	13.65	15.00	15.00
	171	6805	13.40	15.00	15.50	10.23	12.00	12.50	13.40	15.00	15.50
	227	7085	13.75	15.00	15.50	10.59	12.00	12.50	13.75	15.00	15.50
802.11ax-HE80 MCS0	7	5985	17.13	17.50	19.00	11.13	12.00	13.00	15.90	17.00	18.00
	87	6385	17.38	17.50	19.00	11.35	12.00	13.00	16.16	17.00	18.00
	119	6545	17.41	17.50	19.50	11.40	12.00	13.50	16.14	17.00	18.50
	167	6785	16.98	17.50	19.50	10.99	12.00	13.50	15.70	17.00	18.50
	215	7025	16.93	17.50	19.50	10.94	12.00	13.50	15.72	17.00	18.50