

FCC Antenna 1b Conducted Output Power Measurements (RU26)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5180	36	AVG	26	0	135/143.4 (MCS11)	10.85	23.98	-13.13
			AVG	26	4	135/143.4 (MCS11)	11.45	23.98	-12.53
			AVG	26	8	135/143.4 (MCS11)	11.17	23.98	-12.81
	5200	40	AVG	26	0	135/143.4 (MCS11)	10.82	23.98	-13.16
			AVG	26	4	135/143.4 (MCS11)	11.50	23.98	-12.48
			AVG	26	8	135/143.4 (MCS11)	11.27	23.98	-12.71
	5240	48	AVG	26	0	135/143.4 (MCS11)	10.94	23.98	-13.04
			AVG	26	4	135/143.4 (MCS11)	11.50	23.98	-12.48
			AVG	26	8	135/143.4 (MCS11)	11.05	23.98	-12.93
	5260	52	AVG	26	0	135/143.4 (MCS11)	10.82	23.60	-12.78
			AVG	26	4	135/143.4 (MCS11)	11.48	23.60	-12.12
			AVG	26	8	135/143.4 (MCS11)	10.98	23.60	-12.62
	5300	60	AVG	26	0	135/143.4 (MCS11)	10.86	23.60	-12.74
			AVG	26	4	135/143.4 (MCS11)	11.45	23.60	-12.15
			AVG	26	8	135/143.4 (MCS11)	11.07	23.60	-12.53
	5320	64	AVG	26	0	135/143.4 (MCS11)	10.86	23.60	-12.74
			AVG	26	4	135/143.4 (MCS11)	11.50	23.60	-12.10
			AVG	26	8	135/143.4 (MCS11)	11.21	23.60	-12.39
	5500	100	AVG	26	0	135/143.4 (MCS11)	11.00	23.62	-12.62
			AVG	26	4	135/143.4 (MCS11)	11.50	23.62	-12.12
			AVG	26	8	135/143.4 (MCS11)	11.02	23.62	-12.60
	5580	116	AVG	26	0	135/143.4 (MCS11)	11.05	23.62	-12.57
			AVG	26	4	135/143.4 (MCS11)	11.50	23.62	-12.12
			AVG	26	8	135/143.4 (MCS11)	11.00	23.62	-12.62
	5720	144	AVG	26	0	135/143.4 (MCS11)	11.00	23.62	-12.62
			AVG	26	4	135/143.4 (MCS11)	11.50	23.62	-12.12
			AVG	26	8	135/143.4 (MCS11)	11.22	23.62	-12.40
	5745	149	AVG	26	0	135/143.4 (MCS11)	10.94	30.00	-19.06
			AVG	26	4	135/143.4 (MCS11)	11.49	30.00	-18.51
			AVG	26	8	135/143.4 (MCS11)	10.91	30.00	-19.09
	5785	157	AVG	26	0	135/143.4 (MCS11)	10.97	30.00	-19.03
			AVG	26	4	135/143.4 (MCS11)	11.42	30.00	-18.58
			AVG	26	8	135/143.4 (MCS11)	10.82	30.00	-19.18
	5825	165	AVG	26	0	135/143.4 (MCS11)	11.00	30.00	-19.00
			AVG	26	4	135/143.4 (MCS11)	11.42	30.00	-18.58
			AVG	26	8	135/143.4 (MCS11)	10.91	30.00	-19.09

Table 7-50. FCC Antenna 1b 20MHz BW (UNII) Maximum Conducted Output Power (RU26)

FCC ID: BCGA2568 IC: 579C-A2568		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 73 of 397

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5190	38	AVG	26	0	271/286.8 (MCS11)	10.32	23.98	-13.66
			AVG	26	8	271/286.8 (MCS11)	11.50	23.98	-12.48
			AVG	26	17	271/286.8 (MCS11)	11.03	23.98	-12.95
	5230	46	AVG	26	0	271/286.8 (MCS11)	10.43	23.98	-13.55
			AVG	26	8	271/286.8 (MCS11)	11.43	23.98	-12.55
			AVG	26	17	271/286.8 (MCS11)	10.75	23.98	-13.23
	5270	54	AVG	26	0	271/286.8 (MCS11)	10.51	23.60	-13.09
			AVG	26	8	271/286.8 (MCS11)	11.40	23.60	-12.20
			AVG	26	17	271/286.8 (MCS11)	10.64	23.60	-12.96
	5310	62	AVG	26	0	271/286.8 (MCS11)	10.70	23.60	-12.90
			AVG	26	8	271/286.8 (MCS11)	11.50	23.60	-12.10
			AVG	26	17	271/286.8 (MCS11)	10.87	23.60	-12.73
	5510	102	AVG	26	0	271/286.8 (MCS11)	10.56	23.62	-13.06
			AVG	26	8	271/286.8 (MCS11)	11.35	23.62	-12.27
			AVG	26	17	271/286.8 (MCS11)	10.71	23.62	-12.91
	5550	110	AVG	26	0	271/286.8 (MCS11)	10.63	23.62	-12.99
			AVG	26	8	271/286.8 (MCS11)	11.43	23.62	-12.19
			AVG	26	17	271/286.8 (MCS11)	10.80	23.62	-12.82
	5710	142	AVG	26	0	271/286.8 (MCS11)	10.43	23.62	-13.19
			AVG	26	8	271/286.8 (MCS11)	11.50	23.62	-12.12
			AVG	26	17	271/286.8 (MCS11)	10.76	23.62	-12.86
	5755	151	AVG	26	0	271/286.8 (MCS11)	10.69	30.00	-19.31
			AVG	26	8	271/286.8 (MCS11)	11.50	30.00	-18.50
			AVG	26	17	271/286.8 (MCS11)	10.77	30.00	-19.23
	5795	159	AVG	26	0	271/286.8 (MCS11)	11.00	30.00	-19.00
			AVG	26	8	271/286.8 (MCS11)	11.50	30.00	-18.50
			AVG	26	17	271/286.8 (MCS11)	10.74	30.00	-19.26

Table 7-51. FCC Antenna 1b 40MHz BW (UNII) Maximum Conducted Output Power (RU26)

FCC ID: BCGA2568 IC: 579C-A2568	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 74 of 397

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5210	42	AVG	26	0	567/600.5 (MCS11)	9.59	23.98	-14.39
			AVG	26	18	567/600.5 (MCS11)	10.50	23.98	-13.48
			AVG	26	36	567/600.5 (MCS11)	10.00	23.98	-13.98
	5290	58	AVG	26	0	567/600.5 (MCS11)	10.31	23.60	-13.29
			AVG	26	18	567/600.5 (MCS11)	11.00	23.60	-12.60
			AVG	26	36	567/600.5 (MCS11)	10.46	23.60	-13.14
	5530	106	AVG	26	0	567/600.5 (MCS11)	9.49	23.62	-14.13
			AVG	26	18	567/600.5 (MCS11)	9.93	23.62	-13.69
			AVG	26	36	567/600.5 (MCS11)	9.36	23.62	-14.26
	5610	122	AVG	26	0	567/600.5 (MCS11)	11.06	23.62	-12.56
			AVG	26	18	567/600.5 (MCS11)	11.50	23.62	-12.12
			AVG	26	36	567/600.5 (MCS11)	11.24	23.62	-12.38
	5690	138	AVG	26	0	567/600.5 (MCS11)	10.82	23.62	-12.80
			AVG	26	18	567/600.5 (MCS11)	11.50	23.62	-12.12
			AVG	26	36	567/600.5 (MCS11)	11.11	23.62	-12.51
	5775	155	AVG	26	0	567/600.5 (MCS11)	10.76	30.00	-19.24
			AVG	26	18	567/600.5 (MCS11)	11.36	30.00	-18.64
			AVG	26	36	567/600.5 (MCS11)	10.69	30.00	-19.31

Table 7-52. FCC Antenna 1b 80MHz BW (UNII) Maximum Conducted Output Power (RU26)

FCC ID: BCGA2568 IC: 579C-A2568	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 75 of 397

ISED Antenna 1b Conducted Output Power Measurements (RU26)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5180	36	AVG	26	0	135/143.4 (MCS11)	6.15	-	-	0.40	6.55	22.66	-16.11
			AVG	26	4	135/143.4 (MCS11)	6.95	-	-	0.40	7.35	22.66	-15.31
			AVG	26	8	135/143.4 (MCS11)	6.50	-	-	0.40	6.90	22.66	-15.76
	5200	40	AVG	26	0	135/143.4 (MCS11)	6.33	-	-	0.40	6.73	22.66	-15.93
			AVG	26	4	135/143.4 (MCS11)	6.99	-	-	0.40	7.39	22.66	-15.27
			AVG	26	8	135/143.4 (MCS11)	6.53	-	-	0.40	6.93	22.66	-15.73
	5240	48	AVG	26	0	135/143.4 (MCS11)	6.36	-	-	0.40	6.76	22.66	-15.90
			AVG	26	4	135/143.4 (MCS11)	6.97	-	-	0.40	7.37	22.66	-15.29
			AVG	26	8	135/143.4 (MCS11)	6.42	-	-	0.40	6.82	22.66	-15.84
	5260	52	AVG	26	0	135/143.4 (MCS11)	10.82	23.60	-12.78	0.60	11.42	29.60	-18.18
			AVG	26	4	135/143.4 (MCS11)	11.48	23.60	-12.12	0.60	12.08	29.60	-17.52
			AVG	26	8	135/143.4 (MCS11)	10.98	23.60	-12.62	0.60	11.58	29.60	-18.02
	5300	60	AVG	26	0	135/143.4 (MCS11)	10.86	23.60	-12.74	0.60	11.46	29.60	-18.14
			AVG	26	4	135/143.4 (MCS11)	11.45	23.60	-12.15	0.60	12.05	29.60	-17.55
			AVG	26	8	135/143.4 (MCS11)	11.07	23.60	-12.53	0.60	11.67	29.60	-17.93
	5320	64	AVG	26	0	135/143.4 (MCS11)	10.86	23.60	-12.74	0.60	11.46	29.60	-18.14
			AVG	26	4	135/143.4 (MCS11)	11.50	23.60	-12.10	0.60	12.10	29.60	-17.50
			AVG	26	8	135/143.4 (MCS11)	11.21	23.60	-12.39	0.60	11.81	29.60	-17.79
	5500	100	AVG	26	0	135/143.4 (MCS11)	11.00	23.62	-12.62	0.80	11.80	29.62	-17.82
			AVG	26	4	135/143.4 (MCS11)	11.50	23.62	-12.12	0.80	12.30	29.62	-17.32
			AVG	26	8	135/143.4 (MCS11)	11.02	23.62	-12.60	0.80	11.82	29.62	-17.80
	5580	116	AVG	26	0	135/143.4 (MCS11)	11.05	23.62	-12.57	0.80	11.85	29.62	-17.77
			AVG	26	4	135/143.4 (MCS11)	11.50	23.62	-12.12	0.80	12.30	29.62	-17.32
			AVG	26	8	135/143.4 (MCS11)	11.00	23.62	-12.62	0.80	11.80	29.62	-17.82
	5720	144	AVG	26	0	135/143.4 (MCS11)	11.00	23.62	-12.62	0.80	11.80	29.62	-17.82
			AVG	26	4	135/143.4 (MCS11)	11.50	23.62	-12.12	0.80	12.30	29.62	-17.32
			AVG	26	8	135/143.4 (MCS11)	11.22	23.62	-12.40	0.80	12.02	29.62	-17.60
	5745	149	AVG	26	0	135/143.4 (MCS11)	10.94	30.00	-19.06	0.70	11.64	-	-
			AVG	26	4	135/143.4 (MCS11)	11.49	30.00	-18.51	0.70	12.19	-	-
			AVG	26	8	135/143.4 (MCS11)	10.91	30.00	-19.09	0.70	11.61	-	-
	5785	157	AVG	26	0	135/143.4 (MCS11)	10.97	30.00	-19.03	0.70	11.67	-	-
			AVG	26	4	135/143.4 (MCS11)	11.42	30.00	-18.58	0.70	12.12	-	-
			AVG	26	8	135/143.4 (MCS11)	10.82	30.00	-19.18	0.70	11.52	-	-
	5825	165	AVG	26	0	135/143.4 (MCS11)	11.00	30.00	-19.00	0.70	11.70	-	-
			AVG	26	4	135/143.4 (MCS11)	11.42	30.00	-18.58	0.70	12.12	-	-
			AVG	26	8	135/143.4 (MCS11)	10.91	30.00	-19.09	0.70	11.61	-	-

Table 7-53. ISED Antenna 1b 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

FCC ID: BCGA2568 IC: 579C-A2568	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 76 of 397

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5190	38	AVG	26	0	271/286.8 (MCS11)	5.76	-	-	0.40	6.16	22.66	-16.50
			AVG	26	8	271/286.8 (MCS11)	6.93	-	-	0.40	7.33	22.66	-15.33
			AVG	26	17	271/286.8 (MCS11)	6.30	-	-	0.40	6.70	22.66	-15.96
	5230	46	AVG	26	0	271/286.8 (MCS11)	6.02	-	-	0.40	6.42	22.66	-16.24
			AVG	26	8	271/286.8 (MCS11)	6.98	-	-	0.40	7.38	22.66	-15.28
			AVG	26	17	271/286.8 (MCS11)	6.60	-	-	0.40	7.00	22.66	-15.66
	5270	54	AVG	26	0	271/286.8 (MCS11)	10.51	23.60	-13.09	0.60	11.11	29.60	-18.49
			AVG	26	8	271/286.8 (MCS11)	11.40	23.60	-12.20	0.60	12.00	29.60	-17.60
			AVG	26	17	271/286.8 (MCS11)	10.64	23.60	-12.96	0.60	11.24	29.60	-18.36
	5310	62	AVG	26	0	271/286.8 (MCS11)	10.70	23.60	-12.90	0.60	11.30	29.60	-18.30
			AVG	26	8	271/286.8 (MCS11)	11.50	23.60	-12.10	0.60	12.10	29.60	-17.50
			AVG	26	17	271/286.8 (MCS11)	10.87	23.60	-12.73	0.60	11.47	29.60	-18.13
	5510	102	AVG	26	0	271/286.8 (MCS11)	10.56	23.62	-13.06	0.80	11.36	29.62	-18.26
			AVG	26	8	271/286.8 (MCS11)	11.35	23.62	-12.27	0.80	12.15	29.62	-17.47
			AVG	26	17	271/286.8 (MCS11)	10.71	23.62	-12.91	0.80	11.51	29.62	-18.11
	5550	110	AVG	26	0	271/286.8 (MCS11)	10.63	23.62	-12.99	0.80	11.43	29.62	-18.19
			AVG	26	8	271/286.8 (MCS11)	11.43	23.62	-12.19	0.80	12.23	29.62	-17.39
			AVG	26	17	271/286.8 (MCS11)	10.80	23.62	-12.82	0.80	11.60	29.62	-18.02
	5710	142	AVG	26	0	271/286.8 (MCS11)	10.43	23.62	-13.19	0.80	11.23	29.62	-18.39
			AVG	26	8	271/286.8 (MCS11)	11.50	23.62	-12.12	0.80	12.30	29.62	-17.32
			AVG	26	17	271/286.8 (MCS11)	10.76	23.62	-12.86	0.80	11.56	29.62	-18.06
	5755	151	AVG	26	0	271/286.8 (MCS11)	10.69	30.00	-19.31	0.70	11.39	-	-
			AVG	26	8	271/286.8 (MCS11)	11.50	30.00	-18.50	0.70	12.20	-	-
			AVG	26	17	271/286.8 (MCS11)	10.77	30.00	-19.23	0.70	11.47	-	-
	5795	159	AVG	26	0	271/286.8 (MCS11)	11.00	30.00	-19.00	0.70	11.70	-	-
			AVG	26	8	271/286.8 (MCS11)	11.50	30.00	-18.50	0.70	12.20	-	-
			AVG	26	17	271/286.8 (MCS11)	10.74	30.00	-19.26	0.70	11.44	-	-

Table 7-54. ISED Antenna 1b 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5210	42	AVG	26	0	567/600.5 (MCS11)	5.88	-	-	0.40	6.28	22.66	-16.38
			AVG	26	18	567/600.5 (MCS11)	6.72	-	-	0.40	7.12	22.66	-15.54
			AVG	26	36	567/600.5 (MCS11)	6.56	-	-	0.40	6.96	22.66	-15.70
	5290	58	AVG	26	0	567/600.5 (MCS11)	10.31	23.60	-13.29	0.60	10.91	29.60	-18.69
			AVG	26	18	567/600.5 (MCS11)	11.00	23.60	-12.60	0.60	11.60	29.60	-18.00
			AVG	26	36	567/600.5 (MCS11)	10.46	23.60	-13.14	0.60	11.06	29.60	-18.54
	5530	106	AVG	26	0	567/600.5 (MCS11)	9.49	23.62	-14.13	0.80	10.29	29.62	-19.33
			AVG	26	18	567/600.5 (MCS11)	9.93	23.62	-13.69	0.80	10.73	29.62	-18.89
			AVG	26	36	567/600.5 (MCS11)	9.36	23.62	-14.26	0.80	10.16	29.62	-19.46
	5690	138	AVG	26	0	567/600.5 (MCS11)	10.82	23.62	-12.80	0.80	11.62	29.62	-18.00
			AVG	26	18	567/600.5 (MCS11)	11.50	23.62	-12.12	0.80	12.30	29.62	-17.32
			AVG	26	36	567/600.5 (MCS11)	11.11	23.62	-12.51	0.80	11.91	29.62	-17.71
	5775	155	AVG	26	0	567/600.5 (MCS11)	10.76	30.00	-19.24	0.70	11.46	-	-
			AVG	26	18	567/600.5 (MCS11)	11.36	30.00	-18.64	0.70	12.06	-	-
			AVG	26	36	567/600.5 (MCS11)	10.69	30.00	-19.31	0.70	11.39	-	-

Table 7-55. ISED Antenna 1b 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

FCC ID: BCGA2568 IC: 579C-A2568		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 77 of 397

FCC Antenna 1b Conducted Output Power Measurements (Highest Power Among Partially-Loaded RU's)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5180	36	AVG	106	53	135/143.4 (MCS11)	15.27	23.98	-8.71
			AVG	106	54	135/143.4 (MCS11)	15.13	23.98	-8.85
	5200	40	AVG	106	53	135/143.4 (MCS11)	17.29	23.98	-6.69
			AVG	106	54	135/143.4 (MCS11)	17.32	23.98	-6.66
	5240	48	AVG	106	53	135/143.4 (MCS11)	17.27	23.98	-6.71
			AVG	106	54	135/143.4 (MCS11)	17.29	23.98	-6.69
	5260	52	AVG	106	53	135/143.4 (MCS11)	17.28	23.60	-6.32
			AVG	106	54	135/143.4 (MCS11)	17.19	23.60	-6.41
	5300	60	AVG	106	53	135/143.4 (MCS11)	17.25	23.60	-6.35
			AVG	106	54	135/143.4 (MCS11)	17.45	23.60	-6.15
	5320	64	AVG	106	53	135/143.4 (MCS11)	15.68	23.60	-7.92
			AVG	106	54	135/143.4 (MCS11)	15.92	23.60	-7.68
	5500	100	AVG	106	53	135/143.4 (MCS11)	14.50	23.62	-9.12
			AVG	106	54	135/143.4 (MCS11)	14.50	23.62	-9.12
	5520	104	AVG	106	53	135/143.4 (MCS11)	17.35	23.62	-6.27
			AVG	106	54	135/143.4 (MCS11)	17.38	23.62	-6.24
	5580	116	AVG	106	53	135/143.4 (MCS11)	17.50	23.62	-6.12
			AVG	106	54	135/143.4 (MCS11)	17.50	23.62	-6.12
	5680	136	AVG	106	53	135/143.4 (MCS11)	17.03	23.62	-6.59
			AVG	106	54	135/143.4 (MCS11)	17.20	23.62	-6.42
	5700	140	AVG	106	53	135/143.4 (MCS11)	12.40	23.62	-11.22
			AVG	106	54	135/143.4 (MCS11)	12.50	23.62	-11.12
	5720	144	AVG	106	53	135/143.4 (MCS11)	17.23	23.62	-6.39
			AVG	106	54	135/143.4 (MCS11)	17.43	23.62	-6.19
	5745	149	AVG	106	53	135/143.4 (MCS11)	17.44	30.00	-12.56
			AVG	106	54	135/143.4 (MCS11)	17.43	30.00	-12.57
	5785	157	AVG	106	53	135/143.4 (MCS11)	17.46	30.00	-12.54
			AVG	106	54	135/143.4 (MCS11)	17.36	30.00	-12.64
	5825	165	AVG	106	53	135/143.4 (MCS11)	17.25	30.00	-12.75
			AVG	106	54	135/143.4 (MCS11)	17.25	30.00	-12.75

Table 7-56. FCC Antenna 1b 20MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

FCC ID: BCGA2568 IC: 579C-A2568	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 78 of 397

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5190	38	AVG	242	61	271/286.8 (MCS11)	12.18	23.98	-11.80
			AVG	242	62	271/286.8 (MCS11)	12.48	23.98	-11.50
	5230	46	AVG	242	61	271/286.8 (MCS11)	18.28	23.98	-5.70
			AVG	242	62	271/286.8 (MCS11)	18.46	23.98	-5.52
	5270	54	AVG	242	61	271/286.8 (MCS11)	17.89	23.60	-5.71
			AVG	242	62	271/286.8 (MCS11)	18.00	23.60	-5.60
	5310	62	AVG	242	61	271/286.8 (MCS11)	11.94	23.60	-11.66
			AVG	242	62	271/286.8 (MCS11)	12.00	23.60	-11.60
	5510	102	AVG	242	61	271/286.8 (MCS11)	12.43	23.62	-11.19
			AVG	242	62	271/286.8 (MCS11)	12.49	23.62	-11.13
	5550	110	AVG	242	61	271/286.8 (MCS11)	18.00	23.62	-5.62
			AVG	242	62	271/286.8 (MCS11)	17.94	23.62	-5.68
	5590	118	AVG	242	61	271/286.8 (MCS11)	19.41	23.62	-4.21
			AVG	242	62	271/286.8 (MCS11)	19.50	23.62	-4.12
	5630	126	AVG	242	61	271/286.8 (MCS11)	19.26	23.62	-4.36
			AVG	242	62	271/286.8 (MCS11)	19.45	23.62	-4.17
	5670	134	AVG	242	61	271/286.8 (MCS11)	13.74	23.62	-9.88
			AVG	242	62	271/286.8 (MCS11)	14.00	23.62	-9.62
	5710	142	AVG	106	53	271/286.8 (MCS11)	16.93	23.62	-6.69
			AVG	106	54	271/286.8 (MCS11)	17.50	23.62	-6.12
			AVG	106	56	271/286.8 (MCS11)	17.17	23.62	-6.45
	5755	151	AVG	242	61	271/286.8 (MCS11)	19.27	30.00	-10.73
			AVG	242	62	271/286.8 (MCS11)	19.50	30.00	-10.50
	5795	159	AVG	242	61	271/286.8 (MCS11)	19.26	30.00	-10.74
			AVG	242	62	271/286.8 (MCS11)	19.37	30.00	-10.63

Table 7-57. FCC Antenna 1b 40MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5210	42	AVG	484	65	567/600.5 (MCS11)	11.97	23.98	-12.01
			AVG	484	66	567/600.5 (MCS11)	12.41	23.98	-11.57
	5290	58	AVG	242	61	567/600.5 (MCS11)	12.14	23.60	-11.46
			AVG	242	62	567/600.5 (MCS11)	12.30	23.60	-11.30
			AVG	242	64	567/600.5 (MCS11)	12.28	23.60	-11.32
	5530	106	AVG	484	65	567/600.5 (MCS11)	11.77	23.62	-11.85
			AVG	484	66	567/600.5 (MCS11)	12.00	23.62	-11.62
	5610	122	AVG	484	65	567/600.5 (MCS11)	15.28	23.62	-8.34
			AVG	484	66	567/600.5 (MCS11)	15.49	23.62	-8.13
	5690	138	AVG	106	53	567/600.5 (MCS11)	17.03	23.62	-6.59
			AVG	106	56	567/600.5 (MCS11)	17.48	23.62	-6.14
			AVG	106	60	567/600.5 (MCS11)	17.36	23.62	-6.26
	5775	155	AVG	484	65	567/600.5 (MCS11)	17.43	30.00	-12.57
			AVG	484	66	567/600.5 (MCS11)	17.48	30.00	-12.52

Table 7-58. FCC Antenna 1b 80MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

FCC ID: BCGA2568 IC: 579C-A2568	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 79 of 397

ISED Antenna 1b Conducted Output Power Measurements (Highest Power Among Partially-Loaded RU's)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5180	36	AVG	106	53	135/143.4 (MCS11)	12.67	-	-	0.40	13.07	22.66	-9.59
			AVG	106	54	135/143.4 (MCS11)	12.96	-	-	0.40	13.36	22.66	-9.30
	5200	40	AVG	106	53	135/143.4 (MCS11)	12.89	-	-	0.40	13.29	22.66	-9.37
			AVG	106	54	135/143.4 (MCS11)	13.00	-	-	0.40	13.40	22.66	-9.26
	5240	48	AVG	106	53	135/143.4 (MCS11)	13.00	-	-	0.40	13.40	22.66	-9.26
			AVG	106	54	135/143.4 (MCS11)	12.95	-	-	0.40	13.35	22.66	-9.31
	5260	52	AVG	106	53	135/143.4 (MCS11)	17.28	23.60	-6.32	0.60	17.88	29.60	-11.72
			AVG	106	54	135/143.4 (MCS11)	17.19	23.60	-6.41	0.60	17.79	29.60	-11.81
	5300	60	AVG	106	53	135/143.4 (MCS11)	17.25	23.60	-6.35	0.60	17.85	29.60	-11.75
			AVG	106	54	135/143.4 (MCS11)	17.45	23.60	-6.15	0.60	18.05	29.60	-11.55
	5320	64	AVG	106	53	135/143.4 (MCS11)	15.68	23.60	-7.92	0.60	16.28	29.60	-13.32
			AVG	106	54	135/143.4 (MCS11)	15.92	23.60	-7.68	0.60	16.52	29.60	-13.08
	5500	100	AVG	106	53	135/143.4 (MCS11)	14.50	23.62	-9.12	0.80	15.30	29.62	-14.32
			AVG	106	54	135/143.4 (MCS11)	14.50	23.62	-9.12	0.80	15.30	29.62	-14.32
	5520	104	AVG	106	53	135/143.4 (MCS11)	17.35	23.62	-6.27	0.80	18.15	29.62	-11.47
			AVG	106	54	135/143.4 (MCS11)	17.38	23.62	-6.24	0.80	18.18	29.62	-11.44
	5580	116	AVG	106	53	135/143.4 (MCS11)	17.50	23.62	-6.12	0.80	18.30	29.62	-11.32
			AVG	106	54	135/143.4 (MCS11)	17.50	23.62	-6.12	0.80	18.30	29.62	-11.32
	5680	136	AVG	106	53	135/143.4 (MCS11)	17.03	23.62	-6.59	0.80	17.83	29.62	-11.79
			AVG	106	54	135/143.4 (MCS11)	17.20	23.62	-6.42	0.80	18.00	29.62	-11.62
	5700	140	AVG	106	53	135/143.4 (MCS11)	12.40	23.62	-11.22	0.80	13.20	29.62	-16.42
			AVG	106	54	135/143.4 (MCS11)	12.50	23.62	-11.12	0.80	13.30	29.62	-16.32
	5720	144	AVG	106	53	135/143.4 (MCS11)	17.23	23.62	-6.39	0.80	18.03	29.62	-11.59
			AVG	106	54	135/143.4 (MCS11)	17.43	23.62	-6.19	0.80	18.23	29.62	-11.39
	5745	149	AVG	106	53	135/143.4 (MCS11)	17.44	30.00	-12.56	0.70	18.14	-	-
			AVG	106	54	135/143.4 (MCS11)	17.43	30.00	-12.57	0.70	18.13	-	-
	5785	157	AVG	106	53	135/143.4 (MCS11)	17.46	30.00	-12.54	0.70	18.16	-	-
			AVG	106	54	135/143.4 (MCS11)	17.36	30.00	-12.64	0.70	18.06	-	-
	5825	165	AVG	106	53	135/143.4 (MCS11)	17.25	30.00	-12.75	0.70	17.95	-	-
			AVG	106	54	135/143.4 (MCS11)	17.25	30.00	-12.75	0.70	17.95	-	-

Table 7-59. ISED Antenna 1b 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5190	38	AVG	242	61	271/286.8 (MCS11)	12.30	-	-	0.40	12.70	22.66	-9.96
			AVG	242	62	271/286.8 (MCS11)	12.44	-	-	0.40	12.84	22.66	-9.82
	5230	46	AVG	242	61	271/286.8 (MCS11)	14.98	-	-	0.40	15.38	22.66	-7.28
			AVG	242	62	271/286.8 (MCS11)	15.10	-	-	0.40	15.50	22.66	-7.16
	5270	54	AVG	242	61	271/286.8 (MCS11)	17.89	23.60	-5.71	0.60	18.49	29.60	-11.11
			AVG	242	62	271/286.8 (MCS11)	18.00	23.60	-5.60	0.60	18.60	29.60	-11.00
	5310	62	AVG	242	61	271/286.8 (MCS11)	11.94	23.60	-11.66	0.60	12.54	29.60	-17.06
			AVG	242	62	271/286.8 (MCS11)	12.00	23.60	-11.60	0.60	12.60	29.60	-17.00
	5510	102	AVG	242	61	271/286.8 (MCS11)	12.43	23.62	-11.19	0.80	13.23	29.62	-16.39
			AVG	242	62	271/286.8 (MCS11)	12.49	23.62	-11.13	0.80	13.29	29.62	-16.33
	5550	110	AVG	242	61	271/286.8 (MCS11)	18.00	23.62	-5.62	0.80	18.80	29.62	-10.82
			AVG	242	62	271/286.8 (MCS11)	17.94	23.62	-5.68	0.80	18.74	29.62	-10.88
	5670	134	AVG	242	61	271/286.8 (MCS11)	13.74	23.62	-9.88	0.80	14.54	29.62	-15.08
			AVG	242	62	271/286.8 (MCS11)	14.00	23.62	-9.62	0.80	14.80	29.62	-14.82
	5710	142	AVG	106	53	271/286.8 (MCS11)	16.93	23.62	-6.69	0.80	17.73	29.62	-11.89
			AVG	106	54	271/286.8 (MCS11)	17.50	23.62	-6.12	0.80	18.30	29.62	-11.32
			AVG	106	56	271/286.8 (MCS11)	17.17	23.62	-6.45	0.80	17.97	29.62	-11.65
	5755	151	AVG	242	61	271/286.8 (MCS11)	19.27	30.00	-10.73	0.70	19.97	-	-
			AVG	242	62	271/286.8 (MCS11)	19.50	30.00	-10.50	0.70	20.20	-	-
	5795	159	AVG	242	61	271/286.8 (MCS11)	19.26	30.00	-10.74	0.70	19.96	-	-
			AVG	242	62	271/286.8 (MCS11)	19.37	30.00	-10.63	0.70	20.07	-	-

Table 7-60. ISED Antenna 1b 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

FCC ID: BCGA2568 IC: 579C-A2568		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 80 of 397

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5210	42	AVG	484	65	567/600.5 (MCS11)	12.50	-	-	0.40	12.90	22.66	-9.76
			AVG	484	66	567/600.5 (MCS11)	12.39	-	-	0.40	12.79	22.66	-9.87
	5290	58	AVG	242	61	567/600.5 (MCS11)	12.14	23.60	-11.46	0.60	12.74	29.60	-16.86
			AVG	242	62	567/600.5 (MCS11)	12.30	23.60	-11.30	0.60	12.90	29.60	-16.70
			AVG	242	64	567/600.5 (MCS11)	12.28	23.60	-11.32	0.60	12.88	29.60	-16.72
	5530	106	AVG	484	65	567/600.5 (MCS11)	11.77	23.62	-11.85	0.80	12.57	29.62	-17.05
			AVG	484	66	567/600.5 (MCS11)	12.00	23.62	-11.62	0.80	12.80	29.62	-16.82
	5690	138	AVG	106	53	567/600.5 (MCS11)	17.03	23.62	-6.59	0.80	17.83	29.62	-11.79
			AVG	106	56	567/600.5 (MCS11)	17.48	23.62	-6.14	0.80	18.28	29.62	-11.34
			AVG	106	60	567/600.5 (MCS11)	17.36	23.62	-6.26	0.80	18.16	29.62	-11.46
	5775	155	AVG	484	65	567/600.5 (MCS11)	17.43	30.00	-12.57	0.70	18.13	-	-
			AVG	484	66	567/600.5 (MCS11)	17.48	30.00	-12.52	0.70	18.18	-	-

Table 7-61. ISSED Antenna 1b 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

FCC ID: BCGA2568 IC: 579C-A2568	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 81 of 397

FCC Antenna 1b Conducted Output Power Measurements (Fully-loaded RU)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5180	36	AVG	242	61	135/143.4 (MCS11)	15.48	23.98	-8.50
	5200	40	AVG	242	61	135/143.4 (MCS11)	19.68	23.98	-4.30
	5240	48	AVG	242	61	135/143.4 (MCS11)	19.75	23.98	-4.23
	5260	52	AVG	242	61	135/143.4 (MCS11)	19.61	23.60	-3.99
	5300	60	AVG	242	61	135/143.4 (MCS11)	19.75	23.60	-3.85
	5320	64	AVG	242	61	135/143.4 (MCS11)	15.91	23.60	-7.69
	5500	100	AVG	242	61	135/143.4 (MCS11)	14.50	23.62	-9.12
	5520	104	AVG	242	61	135/143.4 (MCS11)	18.97	23.62	-4.65
	5540	108	AVG	242	61	135/143.4 (MCS11)	19.64	23.62	-3.98
	5580	116	AVG	242	61	135/143.4 (MCS11)	19.66	23.62	-3.96
	5660	132	AVG	242	61	135/143.4 (MCS11)	19.75	23.62	-3.87
	5680	136	AVG	242	61	135/143.4 (MCS11)	18.50	23.62	-5.12
	5700	140	AVG	242	61	135/143.4 (MCS11)	12.44	23.62	-11.18
	5720	144	AVG	242	61	135/143.4 (MCS11)	19.63	23.62	-3.99
	5745	149	AVG	242	61	135/143.4 (MCS11)	20.39	30.00	-9.61
	5785	157	AVG	242	61	135/143.4 (MCS11)	20.38	30.00	-9.62
	5825	165	AVG	242	61	135/143.4 (MCS11)	20.34	30.00	-9.66

Table 7-62. FCC Antenna 1b 20MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5190	38	AVG	484	65	271/286.8 (MCS11)	12.38	23.98	-11.60
	5230	46	AVG	484	65	271/286.8 (MCS11)	18.48	23.98	-5.50
	5270	54	AVG	484	65	271/286.8 (MCS11)	17.94	23.60	-5.66
	5310	62	AVG	484	65	271/286.8 (MCS11)	11.96	23.60	-11.64
	5510	102	AVG	484	65	271/286.8 (MCS11)	12.34	23.62	-11.28
	5550	110	AVG	484	65	271/286.8 (MCS11)	17.87	23.62	-5.75
	5590	118	AVG	484	65	271/286.8 (MCS11)	19.50	23.62	-4.12
	5630	126	AVG	484	65	271/286.8 (MCS11)	19.40	23.62	-4.22
	5670	134	AVG	484	65	271/286.8 (MCS11)	13.82	23.62	-9.80
	5710	142	AVG	484	65	271/286.8 (MCS11)	20.50	23.62	-3.12
	5755	151	AVG	484	65	271/286.8 (MCS11)	19.41	30.00	-10.59
	5795	159	AVG	484	65	271/286.8 (MCS11)	19.50	30.00	-10.50

Table 7-63. FCC Antenna 1b 40MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5210	42	AVG	996	67	567/600.5 (MCS11)	12.42	23.98	-11.56
	5290	58	AVG	996	67	567/600.5 (MCS11)	12.42	23.60	-11.18
	5530	106	AVG	996	67	567/600.5 (MCS11)	11.70	23.62	-11.92
	5610	122	AVG	996	67	567/600.5 (MCS11)	15.40	23.62	-8.22
	5690	138	AVG	996	67	567/600.5 (MCS11)	20.45	23.62	-3.17
	5775	155	AVG	996	67	567/600.5 (MCS11)	17.20	30.00	-12.80

Table 7-64. FCC Antenna 1b 80MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

FCC ID: BCGA2568 IC: 579C-A2568	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 82 of 397

ISED Antenna 1b Conducted Output Power Measurements (Fully-loaded RU)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5180	36	AVG	242	61	135/143.4 (MCS11)	15.25	-	-	0.40	15.65	22.66	-7.01
	5200	40	AVG	242	61	135/143.4 (MCS11)	15.06	-	-	0.40	15.46	22.66	-7.20
	5240	48	AVG	242	61	135/143.4 (MCS11)	15.09	-	-	0.40	15.49	22.66	-7.17
	5260	52	AVG	242	61	135/143.4 (MCS11)	19.61	23.60	-3.99	0.60	20.21	29.60	-9.39
	5300	60	AVG	242	61	135/143.4 (MCS11)	19.75	23.60	-3.85	0.60	20.35	29.60	-9.25
	5320	64	AVG	242	61	135/143.4 (MCS11)	15.91	23.60	-7.69	0.60	16.51	29.60	-13.09
	5500	100	AVG	242	61	135/143.4 (MCS11)	14.50	23.62	-9.12	0.80	15.30	29.62	-14.32
	5520	104	AVG	242	61	135/143.4 (MCS11)	18.97	23.62	-4.65	0.80	19.77	29.62	-9.85
	5540	108	AVG	242	61	135/143.4 (MCS11)	19.64	23.62	-3.98	0.80	20.44	29.62	-9.18
	5580	116	AVG	242	61	135/143.4 (MCS11)	19.66	23.62	-3.96	0.80	20.46	29.62	-9.16
	5660	132	AVG	242	61	135/143.4 (MCS11)	19.75	23.62	-3.87	0.80	20.55	29.62	-9.07
	5680	136	AVG	242	61	135/143.4 (MCS11)	18.50	23.62	-5.12	0.80	19.30	29.62	-10.32
	5700	140	AVG	242	61	135/143.4 (MCS11)	12.44	23.62	-11.18	0.80	13.24	29.62	-16.38
	5720	144	AVG	242	61	135/143.4 (MCS11)	19.63	23.62	-3.99	0.80	20.43	29.62	-9.19
	5745	149	AVG	242	61	135/143.4 (MCS11)	20.39	30.00	-9.61	0.70	21.09	-	-
	5785	157	AVG	242	61	135/143.4 (MCS11)	20.38	30.00	-9.62	0.70	21.08	-	-
	5825	165	AVG	242	61	135/143.4 (MCS11)	20.34	30.00	-9.66	0.70	21.04	-	-

Table 7-65. ISED Antenna 1b 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5190	38	AVG	484	65	271/286.8 (MCS11)	12.50	-	-	0.40	12.90	22.66	-9.76
	5230	46	AVG	484	65	271/286.8 (MCS11)	17.95	-	-	0.40	18.35	22.66	-4.31
	5270	54	AVG	484	65	271/286.8 (MCS11)	17.94	23.60	-5.66	0.60	18.54	29.60	-11.06
	5310	62	AVG	484	65	271/286.8 (MCS11)	11.96	23.60	-11.64	0.60	12.56	29.60	-17.04
	5510	102	AVG	484	65	271/286.8 (MCS11)	12.34	23.62	-11.28	0.80	13.14	29.62	-16.48
	5550	110	AVG	484	65	271/286.8 (MCS11)	17.87	23.62	-5.75	0.80	18.67	29.62	-10.95
	5670	134	AVG	484	65	271/286.8 (MCS11)	13.82	23.62	-9.80	0.80	14.62	29.62	-15.00
	5710	142	AVG	484	65	271/286.8 (MCS11)	20.50	23.62	-3.12	0.80	21.30	29.62	-8.32
	5755	151	AVG	484	65	271/286.8 (MCS11)	19.41	30.00	-10.59	0.70	20.11	-	-
	5795	159	AVG	484	65	271/286.8 (MCS11)	19.50	30.00	-10.50	0.70	20.20	-	-

Table 7-66. ISED Antenna 1b 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5210	42	AVG	996	67	567/600.5 (MCS11)	12.48	-	-	0.40	12.88	22.66	-9.78
	5290	58	AVG	996	67	567/600.5 (MCS11)	12.42	23.60	-11.18	0.60	13.02	29.60	-16.58
	5530	106	AVG	996	67	567/600.5 (MCS11)	11.70	23.62	-11.92	0.80	12.50	29.62	-17.12
	5690	138	AVG	996	67	567/600.5 (MCS11)	20.45	23.62	-3.17	0.80	21.25	29.62	-8.37
	5775	155	AVG	996	67	567/600.5 (MCS11)	17.20	30.00	-12.80	0.70	17.90	-	-

Table 7-67. ISED Antenna 1b 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

FCC ID: BCGA2568 IC: 579C-A2568	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 83 of 397

FCC CDD/SDM Primary Conducted Output Power Measurements (RU26)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna 5T	Antenna 3b	Summed		
	5180	36	SDM	AVG	26	0	270/286.8 (MCS11)	7.70	7.75	10.74	23.98	-13.24
			SDM	AVG	26	4	270/286.8 (MCS11)	8.48	8.41	11.46	23.98	-12.52
			SDM	AVG	26	8	270/286.8 (MCS11)	8.01	7.90	10.97	23.98	-13.01
	5200	40	SDM	AVG	26	0	270/286.8 (MCS11)	7.71	7.81	10.77	23.98	-13.21
			SDM	AVG	26	4	270/286.8 (MCS11)	8.50	8.43	11.48	23.98	-12.50
			SDM	AVG	26	8	270/286.8 (MCS11)	8.80	7.92	11.39	23.98	-12.59
	5240	48	SDM	AVG	26	0	270/286.8 (MCS11)	7.65	8.00	10.84	23.98	-13.14
			SDM	AVG	26	4	270/286.8 (MCS11)	8.45	8.48	11.48	23.98	-12.50
			SDM	AVG	26	8	270/286.8 (MCS11)	8.12	7.95	11.05	23.98	-12.93
	5260	52	SDM	AVG	26	0	270/286.8 (MCS11)	7.94	7.90	10.93	23.60	-12.67
			SDM	AVG	26	4	270/286.8 (MCS11)	8.50	8.40	11.46	23.60	-12.14
			SDM	AVG	26	8	270/286.8 (MCS11)	8.10	7.87	11.00	23.60	-12.60
	5300	60	SDM	AVG	26	0	270/286.8 (MCS11)	7.96	7.86	10.92	23.60	-12.68
			SDM	AVG	26	4	270/286.8 (MCS11)	8.44	8.50	11.48	23.60	-12.12
			SDM	AVG	26	8	270/286.8 (MCS11)	7.97	8.00	11.00	23.60	-12.60
	5320	64	SDM	AVG	26	0	270/286.8 (MCS11)	7.85	7.92	10.90	23.60	-12.70
			SDM	AVG	26	4	270/286.8 (MCS11)	8.45	8.43	11.45	23.60	-12.15
			SDM	AVG	26	8	270/286.8 (MCS11)	7.90	8.01	10.97	23.60	-12.63
	5500	100	CDD	AVG	26	0	270/286.8 (MCS11)	8.00	7.98	11.00	23.62	-12.62
			CDD	AVG	26	4	270/286.8 (MCS11)	8.45	8.42	11.45	23.62	-12.17
			CDD	AVG	26	8	270/286.8 (MCS11)	8.13	7.91	11.03	23.62	-12.59
	5580	116	CDD	AVG	26	0	270/286.8 (MCS11)	7.92	8.01	10.98	23.62	-12.64
			CDD	AVG	26	4	270/286.8 (MCS11)	8.47	8.49	11.49	23.62	-12.13
			CDD	AVG	26	8	270/286.8 (MCS11)	8.16	8.12	11.15	23.62	-12.47
	5720	144	CDD	AVG	26	0	270/286.8 (MCS11)	7.72	7.70	10.72	23.62	-12.90
			CDD	AVG	26	4	270/286.8 (MCS11)	8.35	8.34	11.36	23.62	-12.26
			CDD	AVG	26	8	270/286.8 (MCS11)	7.77	7.83	10.81	23.62	-12.81
	5745	149	CDD	AVG	26	0	270/286.8 (MCS11)	10.79	10.92	13.87	29.97	-16.10
			CDD	AVG	26	4	270/286.8 (MCS11)	11.34	11.42	14.39	29.97	-15.58
			CDD	AVG	26	8	270/286.8 (MCS11)	10.78	10.88	13.84	29.97	-16.13
	5785	157	CDD	AVG	26	0	270/286.8 (MCS11)	11.00	11.05	14.04	29.97	-15.93
			CDD	AVG	26	4	270/286.8 (MCS11)	11.44	11.49	14.48	29.97	-15.49
			CDD	AVG	26	8	270/286.8 (MCS11)	10.96	11.02	14.00	29.97	-15.97
	5825	165	CDD	AVG	26	0	270/286.8 (MCS11)	11.01	10.94	13.99	29.97	-15.98
			CDD	AVG	26	4	270/286.8 (MCS11)	11.50	11.48	14.50	29.97	-15.47
			CDD	AVG	26	8	270/286.8 (MCS11)	11.08	10.79	13.95	29.97	-16.02

Table 7-68. FCC CDD/SDM Primary 20MHz BW (UNII) Maximum Conducted Output Power (RU26)

FCC ID: BCGA2568 IC: 579C-A2568	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 84 of 397

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna 5T	Antenna 3b	Summed		
	5190	38	SDM	AVG	26	0	540/573.5 (MCS11)	7.65	7.92	10.80	23.98	-13.18
			SDM	AVG	26	8	540/573.5 (MCS11)	8.37	8.45	11.42	23.98	-12.56
			SDM	AVG	26	17	540/573.5 (MCS11)	7.72	7.90	10.82	23.98	-13.16
	5230	46	SDM	AVG	26	0	540/573.5 (MCS11)	7.62	7.90	10.77	23.98	-13.21
			SDM	AVG	26	8	540/573.5 (MCS11)	8.37	8.41	11.40	23.98	-12.58
			SDM	AVG	26	17	540/573.5 (MCS11)	7.66	7.84	10.76	23.98	-13.22
	5270	54	SDM	AVG	26	0	540/573.5 (MCS11)	7.68	7.92	10.81	23.60	-12.79
			SDM	AVG	26	8	540/573.5 (MCS11)	8.40	8.42	11.42	23.60	-12.18
			SDM	AVG	26	17	540/573.5 (MCS11)	7.69	7.77	10.74	23.60	-12.86
	5310	62	SDM	AVG	26	0	540/573.5 (MCS11)	7.67	7.91	10.80	23.60	-12.80
			SDM	AVG	26	8	540/573.5 (MCS11)	8.26	8.40	11.34	23.60	-12.26
			SDM	AVG	26	17	540/573.5 (MCS11)	7.70	7.86	10.79	23.60	-12.81
	5510	102	CDD	AVG	26	0	540/573.5 (MCS11)	7.45	7.70	10.59	23.62	-13.03
			CDD	AVG	26	8	540/573.5 (MCS11)	8.36	8.48	11.43	23.62	-12.19
			CDD	AVG	26	17	540/573.5 (MCS11)	7.78	7.96	10.88	23.62	-12.74
	5550	110	CDD	AVG	26	0	540/573.5 (MCS11)	7.07	7.63	10.37	23.62	-13.25
			CDD	AVG	26	8	540/573.5 (MCS11)	8.22	8.44	11.34	23.62	-12.28
			CDD	AVG	26	17	540/573.5 (MCS11)	7.62	8.00	10.82	23.62	-12.80
	5710	142	CDD	AVG	26	0	540/573.5 (MCS11)	7.77	7.25	10.53	23.62	-13.09
			CDD	AVG	26	8	540/573.5 (MCS11)	8.49	8.36	11.44	23.62	-12.18
			CDD	AVG	26	17	540/573.5 (MCS11)	7.92	7.78	10.86	23.62	-12.76
	5755	151	CDD	AVG	26	0	540/573.5 (MCS11)	10.75	10.58	13.68	29.97	-16.29
			CDD	AVG	26	8	540/573.5 (MCS11)	11.38	11.31	14.36	29.97	-15.61
			CDD	AVG	26	17	540/573.5 (MCS11)	10.55	10.67	13.62	29.97	-16.35
	5795	159	CDD	AVG	26	0	540/573.5 (MCS11)	10.56	10.81	13.70	29.97	-16.27
			CDD	AVG	26	8	540/573.5 (MCS11)	11.28	11.35	14.33	29.97	-15.64
			CDD	AVG	26	17	540/573.5 (MCS11)	10.58	10.73	13.67	29.97	-16.30

Table 7-69. FCC CDD/SDM Primary 40MHz BW (UNII) Maximum Conducted Output Power (RU26)

FCC ID: BCGA2568 IC: 579C-A2568	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 85 of 397

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna 5T	Antenna 3b	Summed		
	5210	42	SDM	AVG	26	0	1134/1201 (MCS11)	7.40	7.15	10.29	23.98	-13.69
			SDM	AVG	26	18	1134/1201 (MCS11)	8.36	8.27	11.28	23.98	-12.70
			SDM	AVG	26	36	1134/1201 (MCS11)	7.79	7.85	10.83	23.98	-13.15
	5290	58	SDM	AVG	26	0	1134/1201 (MCS11)	7.98	7.30	10.66	23.60	-12.94
			SDM	AVG	26	18	1134/1201 (MCS11)	8.42	8.22	11.33	23.60	-12.27
			SDM	AVG	26	36	1134/1201 (MCS11)	8.22	7.79	11.02	23.60	-12.58
	5530	106	CDD	AVG	26	0	1134/1201 (MCS11)	8.28	8.07	11.19	23.62	-12.43
			CDD	AVG	26	18	1134/1201 (MCS11)	8.50	8.49	11.51	23.62	-12.11
			CDD	AVG	26	36	1134/1201 (MCS11)	8.15	8.32	11.25	23.62	-12.37
	5610	122	CDD	AVG	26	0	1134/1201 (MCS11)	8.05	8.12	11.10	23.62	-12.52
			CDD	AVG	26	18	1134/1201 (MCS11)	8.48	8.44	11.47	23.62	-12.15
			CDD	AVG	26	36	1134/1201 (MCS11)	8.42	8.42	11.43	23.62	-12.19
	5690	138	CDD	AVG	26	0	1134/1201 (MCS11)	7.50	7.53	10.53	23.62	-13.09
			CDD	AVG	26	18	1134/1201 (MCS11)	8.37	8.45	11.42	23.62	-12.20
			CDD	AVG	26	36	1134/1201 (MCS11)	7.95	7.96	10.97	23.62	-12.65
	5775	155	CDD	AVG	26	0	1134/1201 (MCS11)	10.76	10.48	13.63	29.97	-16.34
			CDD	AVG	26	18	1134/1201 (MCS11)	11.24	11.42	14.34	29.97	-15.63
			CDD	AVG	26	36	1134/1201 (MCS11)	10.60	10.56	13.59	29.97	-16.38

Table 7-70. FCC CDD/SDM Primary 80MHz BW (UNII) Maximum Conducted Output Power (RU26)

FCC ID: BCGA2568 IC: 579C-A2568	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 86 of 397

ISED CDD/SDM Primary Conducted Output Power Measurements (RU26)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 5T	Antenna 3b	Summed						
	5180	36	SDM	AVG	26	0	270/286.8 (MCS11)	3.49	3.25	6.38	-	-	3.06	9.44	22.66	-13.21
			SDM	AVG	26	4	270/286.8 (MCS11)	4.25	4.24	7.26	-	-	3.06	10.32	22.66	-12.33
			SDM	AVG	26	8	270/286.8 (MCS11)	4.04	3.60	6.84	-	-	3.06	9.90	22.66	-12.75
	5200	40	SDM	AVG	26	0	270/286.8 (MCS11)	3.57	3.85	6.72	-	-	3.06	9.78	22.66	-12.87
			SDM	AVG	26	4	270/286.8 (MCS11)	4.25	4.25	7.26	-	-	3.06	10.32	22.66	-12.33
			SDM	AVG	26	8	270/286.8 (MCS11)	3.94	4.12	7.04	-	-	3.06	10.10	22.66	-12.55
	5240	48	SDM	AVG	26	0	270/286.8 (MCS11)	3.30	4.05	6.70	-	-	3.06	9.76	22.66	-12.89
			SDM	AVG	26	4	270/286.8 (MCS11)	4.20	4.25	7.24	-	-	3.06	10.30	22.66	-12.35
			SDM	AVG	26	8	270/286.8 (MCS11)	2.95	3.94	6.48	-	-	3.06	9.54	22.66	-13.11
	5260	52	SDM	AVG	26	0	270/286.8 (MCS11)	7.94	7.90	10.93	23.60	-12.67	3.23	14.16	29.60	-15.44
			SDM	AVG	26	4	270/286.8 (MCS11)	8.50	8.40	11.46	23.60	-12.14	3.23	14.69	29.60	-14.91
			SDM	AVG	26	8	270/286.8 (MCS11)	8.10	7.87	11.00	23.60	-12.60	3.23	14.23	29.60	-15.37
	5300	60	SDM	AVG	26	0	270/286.8 (MCS11)	7.96	7.86	10.92	23.60	-12.68	3.23	14.15	29.60	-15.45
			SDM	AVG	26	4	270/286.8 (MCS11)	8.44	8.50	11.48	23.60	-12.12	3.23	14.71	29.60	-14.89
			SDM	AVG	26	8	270/286.8 (MCS11)	7.97	8.00	11.00	23.60	-12.60	3.23	14.23	29.60	-15.37
	5320	64	SDM	AVG	26	0	270/286.8 (MCS11)	7.85	7.92	10.90	23.60	-12.70	3.23	14.13	29.60	-15.47
			SDM	AVG	26	4	270/286.8 (MCS11)	8.45	8.43	11.45	23.60	-12.15	3.23	14.68	29.60	-14.92
			SDM	AVG	26	8	270/286.8 (MCS11)	7.90	8.01	10.97	23.60	-12.63	3.23	14.20	29.60	-15.40
	5500	100	CDD	AVG	26	0	270/286.8 (MCS11)	8.00	7.98	11.00	23.62	-12.62	5.67	16.67	29.62	-12.95
			CDD	AVG	26	4	270/286.8 (MCS11)	8.45	8.42	11.45	23.62	-12.17	5.67	17.12	29.62	-12.50
			CDD	AVG	26	8	270/286.8 (MCS11)	8.13	7.91	11.03	23.62	-12.59	5.67	16.70	29.62	-12.92
	5580	116	CDD	AVG	26	0	270/286.8 (MCS11)	7.92	8.01	10.98	23.62	-12.64	5.67	16.65	29.62	-12.97
			CDD	AVG	26	4	270/286.8 (MCS11)	8.47	8.49	11.49	23.62	-12.13	5.67	17.16	29.62	-12.46
			CDD	AVG	26	8	270/286.8 (MCS11)	8.16	8.12	11.15	23.62	-12.47	5.67	16.82	29.62	-12.80
	5720	144	CDD	AVG	26	0	270/286.8 (MCS11)	7.72	7.70	10.72	23.62	-12.90	5.67	16.39	29.62	-13.23
			CDD	AVG	26	4	270/286.8 (MCS11)	8.35	8.34	11.36	23.62	-12.26	5.67	17.03	29.62	-12.59
			CDD	AVG	26	8	270/286.8 (MCS11)	7.77	7.83	10.81	23.62	-12.81	5.67	16.48	29.62	-13.14
	5745	149	CDD	AVG	26	0	270/286.8 (MCS11)	10.79	10.92	13.87	29.97	-16.10	6.03	19.90	-	-
			CDD	AVG	26	4	270/286.8 (MCS11)	11.34	11.42	14.39	29.97	-15.58	6.03	20.42	-	-
			CDD	AVG	26	8	270/286.8 (MCS11)	10.78	10.88	13.84	29.97	-16.13	6.03	19.87	-	-
	5785	157	CDD	AVG	26	0	270/286.8 (MCS11)	11.00	11.05	14.04	29.97	-15.93	6.03	20.07	-	-
			CDD	AVG	26	4	270/286.8 (MCS11)	11.44	11.49	14.48	29.97	-15.49	6.03	20.51	-	-
			CDD	AVG	26	8	270/286.8 (MCS11)	10.96	11.02	14.00	29.97	-15.97	6.03	20.03	-	-
	5825	165	CDD	AVG	26	0	270/286.8 (MCS11)	11.01	10.94	13.99	29.97	-15.98	6.03	20.02	-	-
			CDD	AVG	26	4	270/286.8 (MCS11)	11.50	11.48	14.50	29.97	-15.47	6.03	20.53	-	-
			CDD	AVG	26	8	270/286.8 (MCS11)	11.08	10.79	13.95	29.97	-16.02	6.03	19.98	-	-

Table 7-71. ISED CDD/SDM Primary 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

FCC ID: BCGA2568 IC: 579C-A2568	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 87 of 397

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 5T	Antenna 3b	Summed						
5190	38		SDM	AVG	26	0	540/573.5 (MCS11)	3.19	2.73	5.98	-	-	3.06	9.04	22.66	-13.61
			SDM	AVG	26	8	540/573.5 (MCS11)	4.23	4.20	7.23	-	-	3.06	10.29	22.66	-12.36
			SDM	AVG	26	17	540/573.5 (MCS11)	3.69	4.23	6.98	-	-	3.06	10.04	22.66	-12.61
5230	46		SDM	AVG	26	0	540/573.5 (MCS11)	2.85	3.22	6.05	-	-	3.06	9.11	22.66	-13.54
			SDM	AVG	26	8	540/573.5 (MCS11)	4.22	4.24	7.24	-	-	3.06	10.30	22.66	-12.35
			SDM	AVG	26	17	540/573.5 (MCS11)	3.74	2.90	6.35	-	-	3.06	9.41	22.66	-13.24
5270	54		SDM	AVG	26	0	540/573.5 (MCS11)	7.68	7.92	10.81	23.60	-12.79	3.23	14.04	29.60	-15.56
			SDM	AVG	26	8	540/573.5 (MCS11)	8.40	8.42	11.42	23.60	-12.18	3.23	14.65	29.60	-14.95
			SDM	AVG	26	17	540/573.5 (MCS11)	7.69	7.77	10.74	23.60	-12.86	3.23	13.97	29.60	-15.63
5310	62		SDM	AVG	26	0	540/573.5 (MCS11)	7.67	7.91	10.80	23.60	-12.80	3.23	14.03	29.60	-15.57
			SDM	AVG	26	8	540/573.5 (MCS11)	8.26	8.40	11.34	23.60	-12.26	3.23	14.57	29.60	-15.03
			SDM	AVG	26	17	540/573.5 (MCS11)	7.70	7.86	10.79	23.60	-12.81	3.23	14.02	29.60	-15.58
5510	102		CDD	AVG	26	0	540/573.5 (MCS11)	7.45	7.70	10.59	23.62	-13.03	5.67	16.26	29.62	-13.36
			CDD	AVG	26	8	540/573.5 (MCS11)	8.36	8.48	11.43	23.62	-12.19	5.67	17.10	29.62	-12.52
			CDD	AVG	26	17	540/573.5 (MCS11)	7.78	7.96	10.88	23.62	-12.74	5.67	16.55	29.62	-13.07
5550	110		CDD	AVG	26	0	540/573.5 (MCS11)	7.07	7.63	10.37	23.62	-13.25	5.67	16.04	29.62	-13.58
			CDD	AVG	26	8	540/573.5 (MCS11)	8.22	8.44	11.34	23.62	-12.28	5.67	17.01	29.62	-12.61
			CDD	AVG	26	17	540/573.5 (MCS11)	7.62	8.00	10.82	23.62	-12.80	5.67	16.49	29.62	-13.13
5710	142		CDD	AVG	26	0	540/573.5 (MCS11)	7.77	7.25	10.53	23.62	-13.09	5.67	16.20	29.62	-13.42
			CDD	AVG	26	8	540/573.5 (MCS11)	8.49	8.36	11.44	23.62	-12.18	5.67	17.11	29.62	-12.51
			CDD	AVG	26	17	540/573.5 (MCS11)	7.92	7.78	10.86	23.62	-12.76	5.67	16.53	29.62	-13.09
5755	151		CDD	AVG	26	0	540/573.5 (MCS11)	10.75	10.58	13.68	29.97	-16.29	6.03	19.71	-	-
			CDD	AVG	26	8	540/573.5 (MCS11)	11.38	11.31	14.36	29.97	-15.61	6.03	20.39	-	-
			CDD	AVG	26	17	540/573.5 (MCS11)	10.55	10.67	13.62	29.97	-16.35	6.03	19.65	-	-
5795	159		CDD	AVG	26	0	540/573.5 (MCS11)	10.56	10.81	13.70	29.97	-16.27	6.03	19.73	-	-
			CDD	AVG	26	8	540/573.5 (MCS11)	11.28	11.35	14.33	29.97	-15.64	6.03	20.36	-	-
			CDD	AVG	26	17	540/573.5 (MCS11)	10.58	10.73	13.67	29.97	-16.30	6.03	19.70	-	-

Table 7-72. ISED CDD/SDM Primary 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 5T	Antenna 3b	Summed						
5210	42		SDM	AVG	26	0	1134/1201 (MCS11)	3.71	3.56	6.65	-	-	3.06	9.71	22.66	-12.94
			SDM	AVG	26	18	1134/1201 (MCS11)	4.25	4.25	7.26	-	-	3.06	10.32	22.66	-12.33
			SDM	AVG	26	36	1134/1201 (MCS11)	3.97	4.08	7.04	-	-	3.06	10.10	22.66	-12.55
5290	58		SDM	AVG	26	0	1134/1201 (MCS11)	7.98	7.30	10.66	23.60	-12.94	3.23	13.89	29.60	-15.71
			SDM	AVG	26	18	1134/1201 (MCS11)	8.42	8.22	11.33	23.60	-12.27	3.23	14.56	29.60	-15.04
			SDM	AVG	26	36	1134/1201 (MCS11)	8.22	7.79	11.02	23.60	-12.58	3.23	14.25	29.60	-15.35
5530	106		CDD	AVG	26	0	1134/1201 (MCS11)	8.28	8.07	11.19	23.62	-12.43	5.67	16.86	29.62	-12.76
			CDD	AVG	26	18	1134/1201 (MCS11)	8.50	8.49	11.51	23.62	-12.11	5.67	17.18	29.62	-12.44
			CDD	AVG	26	36	1134/1201 (MCS11)	8.15	8.32	11.25	23.62	-12.37	5.67	16.92	29.62	-12.70
5690	138		CDD	AVG	26	0	1134/1201 (MCS11)	7.50	7.53	10.53	23.62	-13.09	5.67	16.20	29.62	-13.42
			CDD	AVG	26	18	1134/1201 (MCS11)	8.37	8.45	11.42	23.62	-12.20	5.67	17.09	29.62	-12.53
			CDD	AVG	26	36	1134/1201 (MCS11)	7.95	7.96	10.97	23.62	-12.65	5.67	16.64	29.62	-12.98
5775	155		CDD	AVG	26	0	1134/1201 (MCS11)	10.76	10.48	13.63	29.97	-16.34	6.03	19.66	-	-
			CDD	AVG	26	18	1134/1201 (MCS11)	11.24	11.42	14.34	29.97	-15.63	6.03	20.37	-	-
			CDD	AVG	26	36	1134/1201 (MCS11)	10.60	10.56	13.59	29.97	-16.38	6.03	19.62	-	-

Table 7-73. ISED CDD/SDM Primary 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

FCC ID: BCGA2568 IC: 579C-A2568	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 88 of 397

FCC CDD/SDM Primary Conducted Output Power Measurements (Highest Power Among Partially-Loaded RU's)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna 5T	Antenna 3b	Summed		
	5180	36	SDM	AVG	106	53	270/286.8 (MCS11)	13.96	14.09	17.04	23.98	-6.94
			SDM	AVG	106	54	270/286.8 (MCS11)	14.37	14.33	17.36	23.98	-6.62
	5200	40	SDM	AVG	106	53	270/286.8 (MCS11)	14.03	14.22	17.14	23.98	-6.84
			SDM	AVG	106	54	270/286.8 (MCS11)	14.27	14.30	17.30	23.98	-6.68
	5240	48	SDM	AVG	106	53	270/286.8 (MCS11)	14.07	14.24	17.17	23.98	-6.81
			SDM	AVG	106	54	270/286.8 (MCS11)	14.24	14.38	17.32	23.98	-6.66
	5260	52	SDM	AVG	106	53	270/286.8 (MCS11)	14.00	14.28	17.15	23.60	-6.45
			SDM	AVG	106	54	270/286.8 (MCS11)	14.46	14.35	17.42	23.60	-6.18
	5300	60	SDM	AVG	106	53	270/286.8 (MCS11)	14.14	14.40	17.28	23.60	-6.32
			SDM	AVG	106	54	270/286.8 (MCS11)	14.26	14.48	17.38	23.60	-6.22
	5320	64	SDM	AVG	106	53	270/286.8 (MCS11)	14.14	14.43	17.30	23.60	-6.30
			SDM	AVG	106	54	270/286.8 (MCS11)	14.33	14.48	17.42	23.60	-6.18
	5500	100	CDD	AVG	106	53	270/286.8 (MCS11)	13.88	13.92	16.91	23.62	-6.71
			CDD	AVG	106	54	270/286.8 (MCS11)	13.94	13.95	16.96	23.62	-6.66
	5520	104	CDD	AVG	106	53	270/286.8 (MCS11)	14.16	14.47	17.33	23.62	-6.29
			CDD	AVG	106	54	270/286.8 (MCS11)	14.27	14.50	17.40	23.62	-6.22
	5580	116	CDD	AVG	106	53	270/286.8 (MCS11)	14.12	14.50	17.32	23.62	-6.30
			CDD	AVG	106	54	270/286.8 (MCS11)	14.34	14.51	17.44	23.62	-6.18
	5680	136	CDD	AVG	106	53	270/286.8 (MCS11)	14.22	14.30	17.27	23.62	-6.35
			CDD	AVG	106	54	270/286.8 (MCS11)	14.26	14.28	17.28	23.62	-6.34
	5700	140	CDD	AVG	106	53	270/286.8 (MCS11)	11.69	11.68	14.70	23.62	-8.92
			CDD	AVG	106	54	270/286.8 (MCS11)	11.98	11.76	14.88	23.62	-8.74
	5720	144	CDD	AVG	106	53	270/286.8 (MCS11)	14.16	14.21	17.20	23.62	-6.42
			CDD	AVG	106	54	270/286.8 (MCS11)	14.28	14.39	17.35	23.62	-6.27
	5745	149	CDD	AVG	106	53	270/286.8 (MCS11)	17.41	17.24	20.34	29.97	-9.63
			CDD	AVG	106	54	270/286.8 (MCS11)	17.36	17.18	20.28	29.97	-9.69
	5785	157	CDD	AVG	106	53	270/286.8 (MCS11)	17.30	17.31	20.32	29.97	-9.65
			CDD	AVG	106	54	270/286.8 (MCS11)	17.24	17.27	20.27	29.97	-9.70
	5825	165	CDD	AVG	106	53	270/286.8 (MCS11)	17.36	17.30	20.34	29.97	-9.63
			CDD	AVG	106	54	270/286.8 (MCS11)	17.31	17.27	20.30	29.97	-9.67

Table 7-74. FCC CDD/SDM Primary 20MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna 5T	Antenna 3b	Summed		
	5190	38	CDD	AVG	242	61	540/573.5 (MCS11)	12.10	12.26	15.19	23.91	-8.72
			CDD	AVG	242	62	540/573.5 (MCS11)	12.31	12.50	15.42	23.91	-8.49
	5230	46	SDM	AVG	242	61	540/573.5 (MCS11)	16.71	16.63	19.68	23.98	-4.30
			SDM	AVG	242	62	540/573.5 (MCS11)	16.74	16.75	19.76	23.98	-4.22
	5270	54	SDM	AVG	242	61	540/573.5 (MCS11)	16.42	16.56	19.50	23.60	-4.10
			SDM	AVG	242	62	540/573.5 (MCS11)	16.65	16.75	19.71	23.60	-3.89
	5310	62	CDD	AVG	242	61	540/573.5 (MCS11)	11.81	11.70	14.77	23.37	-8.60
			CDD	AVG	242	62	540/573.5 (MCS11)	11.95	11.80	14.89	23.37	-8.48
	5510	102	CDD	AVG	242	61	540/573.5 (MCS11)	11.90	11.67	14.80	23.62	-8.82
			CDD	AVG	242	62	540/573.5 (MCS11)	11.99	11.84	14.93	23.62	-8.69
	5550	110	CDD	AVG	242	61	540/573.5 (MCS11)	16.69	16.43	19.57	23.62	-4.05
			CDD	AVG	242	62	540/573.5 (MCS11)	16.67	16.60	19.65	23.62	-3.97
	5590	118	CDD	AVG	242	61	540/573.5 (MCS11)	16.38	16.29	19.35	23.62	-4.27
			CDD	AVG	242	62	540/573.5 (MCS11)	16.59	16.69	19.65	23.62	-3.97
	5630	126	CDD	AVG	242	61	540/573.5 (MCS11)	16.68	16.43	19.57	23.62	-4.05
			CDD	AVG	242	62	540/573.5 (MCS11)	16.71	16.68	19.71	23.62	-3.91
	5670	134	CDD	AVG	242	61	540/573.5 (MCS11)	13.57	13.57	16.58	23.62	-7.04
			CDD	AVG	242	62	540/573.5 (MCS11)	13.74	13.69	16.73	23.62	-6.89
	5710	142	CDD	AVG	106	53	540/573.5 (MCS11)	13.87	13.85	16.87	23.62	-6.75
			CDD	AVG	106	54	540/573.5 (MCS11)	14.44	14.46	17.46	23.62	-6.16
	5755	151	CDD	AVG	242	61	540/573.5 (MCS11)	19.28	19.29	22.30	29.97	-7.67
			CDD	AVG	242	62	540/573.5 (MCS11)	19.50	19.34	22.43	29.97	-7.54
	5795	159	CDD	AVG	242	61	540/573.5 (MCS11)	19.44	19.18	22.32	29.97	-7.65
			CDD	AVG	242	62	540/573.5 (MCS11)	19.40	19.35	22.39	29.97	-7.58

Table 7-75. FCC CDD/SDM Primary 40MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

FCC ID: BCGA2568 IC: 579C-A2568		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 89 of 397

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna 5T	Antenna 3b	Summed		
	5210	42	CDD	AVG	484	65	1134/1201 (MCS11)	11.60	11.48	14.55	23.91	-9.36
			CDD	AVG	484	66	1134/1201 (MCS11)	11.96	11.88	14.93	23.91	-8.98
	5290	58	CDD	AVG	484	65	1134/1201 (MCS11)	11.75	11.56	14.67	23.37	-8.70
			CDD	AVG	484	66	1134/1201 (MCS11)	11.78	12.00	14.90	23.37	-8.47
	5530	106	CDD	AVG	484	65	1134/1201 (MCS11)	11.26	11.30	14.29	23.40	-9.11
			CDD	AVG	484	66	1134/1201 (MCS11)	11.40	11.50	14.46	23.62	-9.16
	5610	122	CDD	AVG	484	65	1134/1201 (MCS11)	15.48	15.37	18.44	23.62	-5.18
			CDD	AVG	484	66	1134/1201 (MCS11)	15.43	15.47	18.46	23.62	-5.16
	5690	138	CDD	AVG	106	53	1134/1201 (MCS11)	13.93	13.79	16.87	23.62	-6.75
			CDD	AVG	106	56	1134/1201 (MCS11)	14.44	14.47	17.47	23.62	-6.15
			CDD	AVG	106	60	1134/1201 (MCS11)	14.34	14.00	17.18	23.62	-6.44
			CDD	AVG	484	65	1134/1201 (MCS11)	16.93	16.88	19.92	30.00	-10.08
	5775	155	CDD	AVG	484	66	1134/1201 (MCS11)	16.94	17.00	19.98	29.97	-9.99

Table 7-76. FCC CDD Primary 80MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

FCC ID: BCGA2568 IC: 579C-A2568	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 90 of 397

ISED CDD/SDM Primary Conducted Output Power Measurements (Highest Power Among Partially-Loaded RU's)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 5T	Antenna 3b	Summed						
5180	36		SDM	AVG	106	53	270/286.8 (MCS11)	10.00	10.02	13.02	-	-	3.06	16.08	22.66	-6.57
			SDM	AVG	106	54	270/286.8 (MCS11)	10.25	10.20	13.24	-	-	3.06	16.30	22.66	-6.35
5200	40		SDM	AVG	106	53	270/286.8 (MCS11)	10.11	9.88	13.01	-	-	3.06	16.07	22.66	-6.58
			SDM	AVG	106	54	270/286.8 (MCS11)	10.25	10.25	13.26	-	-	3.06	16.32	22.66	-6.33
5240	48		SDM	AVG	106	53	270/286.8 (MCS11)	9.95	10.24	13.11	-	-	3.06	16.17	22.66	-6.48
			SDM	AVG	106	54	270/286.8 (MCS11)	10.25	10.25	13.26	-	-	3.06	16.32	22.66	-6.33
5260	52		SDM	AVG	106	53	270/286.8 (MCS11)	14.00	14.28	17.15	23.60	-6.45	3.23	20.38	29.60	-9.22
			SDM	AVG	106	54	270/286.8 (MCS11)	14.46	14.35	17.42	23.60	-6.18	3.23	20.65	29.60	-8.95
5300	60		SDM	AVG	106	53	270/286.8 (MCS11)	14.14	14.40	17.28	23.60	-6.32	3.23	20.51	29.60	-9.09
			SDM	AVG	106	54	270/286.8 (MCS11)	14.26	14.48	17.38	23.60	-6.22	3.23	20.61	29.60	-8.99
5320	64		SDM	AVG	106	53	270/286.8 (MCS11)	14.14	14.43	17.30	23.60	-6.30	3.23	20.53	29.60	-9.07
			SDM	AVG	106	54	270/286.8 (MCS11)	14.33	14.48	17.42	23.60	-6.18	3.23	20.65	29.60	-8.95
5500	100		CDD	AVG	106	53	270/286.8 (MCS11)	13.88	13.92	16.91	23.62	-6.71	5.67	22.58	29.62	-7.04
			CDD	AVG	106	54	270/286.8 (MCS11)	13.94	13.95	16.96	23.62	-6.66	5.67	22.63	29.62	-6.99
5520	104		CDD	AVG	106	53	270/286.8 (MCS11)	14.16	14.47	17.33	23.62	-6.29	5.67	23.00	29.62	-6.62
			CDD	AVG	106	54	270/286.8 (MCS11)	14.27	14.50	17.40	23.62	-6.22	5.67	23.07	29.62	-6.55
5580	116		CDD	AVG	106	53	270/286.8 (MCS11)	14.12	14.50	17.32	23.62	-6.30	5.67	22.99	29.62	-6.63
			CDD	AVG	106	54	270/286.8 (MCS11)	14.34	14.51	17.44	23.62	-6.18	5.67	23.11	29.62	-6.51
5680	136		CDD	AVG	106	53	270/286.8 (MCS11)	14.22	14.30	17.27	23.62	-6.35	5.67	22.94	29.62	-6.68
			CDD	AVG	106	54	270/286.8 (MCS11)	14.26	14.28	17.28	23.62	-6.34	5.67	22.95	29.62	-6.67
5700	140		CDD	AVG	106	53	270/286.8 (MCS11)	11.69	11.68	14.70	23.62	-8.92	5.67	20.37	29.62	-9.25
			CDD	AVG	106	54	270/286.8 (MCS11)	11.98	11.76	14.88	23.62	-8.74	5.67	20.55	29.62	-9.07
5720	144		CDD	AVG	106	53	270/286.8 (MCS11)	14.16	14.21	17.20	23.62	-6.42	5.67	22.87	29.62	-6.75
			CDD	AVG	106	54	270/286.8 (MCS11)	14.28	14.39	17.35	23.62	-6.27	5.67	23.02	29.62	-6.60
5745	149		CDD	AVG	106	53	270/286.8 (MCS11)	17.41	17.24	20.34	29.97	-9.63	6.03	26.37	-	-
			CDD	AVG	106	54	270/286.8 (MCS11)	17.36	17.18	20.28	29.97	-9.69	6.03	26.31	-	-
5785	157		CDD	AVG	106	53	270/286.8 (MCS11)	17.30	17.31	20.32	29.97	-9.65	6.03	26.35	-	-
			CDD	AVG	106	54	270/286.8 (MCS11)	17.24	17.27	20.27	29.97	-9.70	6.03	26.30	-	-
5825	165		CDD	AVG	106	53	270/286.8 (MCS11)	17.36	17.30	20.34	29.97	-9.63	6.03	26.37	-	-
			CDD	AVG	106	54	270/286.8 (MCS11)	17.31	17.27	20.30	29.97	-9.67	6.03	26.33	-	-

Table 7-77. ISED CDD/SDM Primary 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 5T	Antenna 3b	Summed						
5190	38		SDM	AVG	242	61	540/573.5 (MCS11)	12.49	12.36	15.44	-	-	3.06	18.50	22.66	-4.15
			SDM	AVG	242	62	540/573.5 (MCS11)	12.50	12.48	15.50	-	-	3.06	18.56	22.66	-4.09
5230	46		SDM	AVG	242	61	540/573.5 (MCS11)	12.22	12.31	15.28	-	-	3.06	18.34	22.66	-4.31
			SDM	AVG	242	62	540/573.5 (MCS11)	12.35	12.44	15.41	-	-	3.06	18.47	22.66	-4.18
5270	54		SDM	AVG	242	61	540/573.5 (MCS11)	16.42	16.56	19.50	23.60	-4.10	3.23	22.73	29.60	-6.87
			SDM	AVG	242	62	540/573.5 (MCS11)	16.65	16.75	19.71	23.60	-3.89	3.23	22.94	29.60	-6.66
5310	62		CDD	AVG	242	61	540/573.5 (MCS11)	11.81	11.70	14.77	23.37	-8.60	6.22	20.99	29.37	-8.38
			CDD	AVG	242	62	540/573.5 (MCS11)	11.95	11.80	14.89	23.37	-8.48	6.22	21.11	29.37	-8.26
5510	102		CDD	AVG	242	61	540/573.5 (MCS11)	11.90	11.67	14.80	23.62	-8.82	5.67	20.47	29.62	-9.15
			CDD	AVG	242	62	540/573.5 (MCS11)	11.99	11.84	14.93	23.62	-8.69	5.67	20.60	29.62	-9.02
5550	110		CDD	AVG	242	61	540/573.5 (MCS11)	16.69	16.43	19.57	23.62	-4.05	5.67	25.24	29.62	-4.38
			CDD	AVG	242	62	540/573.5 (MCS11)	16.67	16.60	19.65	23.62	-3.97	5.67	25.32	29.62	-4.30
5670	134		CDD	AVG	242	61	540/573.5 (MCS11)	13.57	13.57	16.58	23.62	-7.04	5.67	22.25	29.62	-7.37
			CDD	AVG	242	62	540/573.5 (MCS11)	13.74	13.69	16.73	23.62	-6.89	5.67	22.40	29.62	-7.22
5710	142		CDD	AVG	106	53	540/573.5 (MCS11)	13.87	13.85	16.87	23.62	-6.75	5.67	22.54	29.62	-7.08
			CDD	AVG	106	54	540/573.5 (MCS11)	14.44	14.46	17.46	23.62	-6.16	5.67	23.13	29.62	-6.49
5755	151		CDD	AVG	106	56	540/573.5 (MCS11)	14.09	14.08	17.10	23.62	-6.52	5.67	22.77	29.62	-6.85
			CDD	AVG	242	61	540/573.5 (MCS11)	19.28	19.29	22.30	29.97	-7.67	6.03	28.33	-	-
5795	159		CDD	AVG	242	62	540/573.5 (MCS11)	19.50	19.34	22.43	29.97	-7.54	6.03	28.46	-	-
			CDD	AVG	242	61	540/573.5 (MCS11)	19.44	19.18	22.32	29.97	-7.65	6.03	28.35	-	-
			CDD	AVG	242	62	540/573.5 (MCS11)	19.40	19.35	22.39	29.97	-7.58	6.03	28.42	-	-

Table 7-78. ISED CDD/SDM Primary 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 5T	Antenna 3b	Summed						
	5210	42	CDD	AVG	484	65	1134/1201 (MCS11)	11.60	11.48	14.55	-	-	6.07	20.62	22.66	-2.04
			CDD	AVG	484	66	1134/1201 (MCS11)	11.96	11.88	14.93	-	-	6.07	21.00	22.66	-1.66
	5290	58	CDD	AVG	484	65	1134/1201 (MCS11)	11.75	11.56	14.67	23.37	-8.70	6.22	20.89	29.37	-8.48
			CDD	AVG	484	66	1134/1201 (MCS11)	11.78	12.00	14.90	23.37	-8.47	6.22	21.12	29.37	-8.25
	5530	106	CDD	AVG	484	65	1134/1201 (MCS11)	11.26	11.30	14.29	23.40	-9.11	6.22	20.51	29.40	-8.88
			CDD	AVG	484	66	1134/1201 (MCS11)	11.40	11.50	14.46	23.62	-9.16	5.67	20.13	29.62	-9.49
	5690	138	CDD	AVG	106	53	1134/1201 (MCS11)	13.93	13.79	16.87	23.62	-6.75	5.67	22.54	29.62	-7.08
			CDD	AVG	106	56	1134/1201 (MCS11)	14.44	14.47	17.47	23.62	-6.15	5.67	23.14	29.62	-6.48
5775	155	CDD	AVG	106	60	1134/1201 (MCS11)	14.34	14.00	17.18	23.62	-6.44	5.67	22.85	29.62	-6.77	
		CDD	AVG	484	65	1134/1201 (MCS11)	16.93	16.88	19.92	30.00	-10.08	5.67	25.59	-	-	
		CDD	AVG	484	66	1134/1201 (MCS11)	16.94	17.00	19.98	29.97	-9.99	6.03	26.01	-	-	

FCC CDD/SDM Primary Conducted Output Power Measurements (Fully-loaded RU)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna 5T	Antenna 3b	Summed		
	5180	36	CDD	AVG	242	61	270/286.8 (MCS11)	14.89	15.00	17.96	23.91	-5.95
	5200	40	SDM	AVG	242	61	270/286.8 (MCS11)	16.57	16.63	19.61	23.98	-4.37
	5240	48	SDM	AVG	242	61	270/286.8 (MCS11)	16.75	16.66	19.72	23.98	-4.26
	5260	52	SDM	AVG	242	61	270/286.8 (MCS11)	16.51	16.62	19.58	23.60	-4.02
	5300	60	SDM	AVG	242	61	270/286.8 (MCS11)	16.73	16.75	19.75	23.60	-3.85
	5320	64	CDD	AVG	242	61	270/286.8 (MCS11)	15.43	15.40	18.43	23.37	-4.94
	5500	100	CDD	AVG	242	61	270/286.8 (MCS11)	14.00	13.86	16.94	23.62	-6.68
	5520	104	CDD	AVG	242	61	270/286.8 (MCS11)	16.70	16.75	19.74	23.62	-3.88
	5580	116	CDD	AVG	242	61	270/286.8 (MCS11)	16.72	16.74	19.74	23.62	-3.88
	5680	136	CDD	AVG	242	61	270/286.8 (MCS11)	16.72	16.68	19.71	23.62	-3.91
	5700	140	CDD	AVG	242	61	270/286.8 (MCS11)	11.91	11.98	14.96	23.62	-8.66
	5720	144	CDD	AVG	242	61	270/286.8 (MCS11)	16.54	16.60	19.58	23.62	-4.04
	5745	149	CDD	AVG	242	61	270/286.8 (MCS11)	20.42	20.42	23.43	29.97	-6.54
	5785	157	CDD	AVG	242	61	270/286.8 (MCS11)	20.38	20.45	23.43	29.97	-6.54
	5825	165	CDD	AVG	242	61	270/286.8 (MCS11)	20.46	20.45	23.47	29.97	-6.50

Table 7-80. FCC CDD/SDM Primary 20MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna 5T	Antenna 3b	Summed		
	5190	38	CDD	AVG	484	65	540/573.5 (MCS11)	12.47	12.44	15.47	23.91	-8.44
	5230	46	CDD	AVG	484	65	540/573.5 (MCS11)	18.36	18.38	21.38	23.91	-2.53
	5270	54	CDD	AVG	484	65	540/573.5 (MCS11)	18.00	17.97	21.00	23.37	-2.37
	5310	62	CDD	AVG	484	65	540/573.5 (MCS11)	11.92	11.92	14.93	23.37	-8.44
	5510	102	CDD	AVG	484	65	540/573.5 (MCS11)	11.87	11.95	14.92	23.62	-8.70
	5550	110	CDD	AVG	484	65	540/573.5 (MCS11)	17.45	17.43	20.45	23.62	-3.17
	5590	118	CDD	AVG	484	65	540/573.5 (MCS11)	19.43	19.50	22.48	23.62	-1.14
	5630	126	CDD	AVG	484	65	540/573.5 (MCS11)	18.50	18.50	21.51	23.62	-2.11
	5670	134	CDD	AVG	484	65	540/573.5 (MCS11)	13.75	13.75	16.76	23.62	-6.86
	5710	142	CDD	AVG	484	65	540/573.5 (MCS11)	19.50	19.49	22.51	23.62	-1.11
	5755	151	CDD	AVG	484	65	540/573.5 (MCS11)	19.50	19.50	22.51	29.97	-7.46
	5795	159	CDD	AVG	484	65	540/573.5 (MCS11)	19.50	19.50	22.51	29.97	-7.46

Table 7-81. FCC CDD Primary 40MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna 5T	Antenna 3b	Summed		
	5210	42	CDD	AVG	996	67	1134/1201 (MCS11)	12.00	11.94	14.98	23.91	-8.93
	5290	58	CDD	AVG	996	67	1134/1201 (MCS11)	12.00	12.00	15.01	23.37	-8.36
	5530	106	CDD	AVG	996	67	1134/1201 (MCS11)	11.43	11.47	14.46	23.62	-9.16
	5610	122	CDD	AVG	996	67	1134/1201 (MCS11)	15.44	15.50	18.48	23.62	-5.14
	5690	138	CDD	AVG	996	67	1134/1201 (MCS11)	19.95	20.00	22.99	23.62	-0.63
	5775	155	CDD	AVG	996	67	1134/1201 (MCS11)	16.87	16.85	19.87	29.97	-10.10

Table 7-82. FCC CDD Primary 80MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

FCC ID: BCGA2568 IC: 579C-A2568	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 92 of 397

ISED CDD/SDM Primary Conducted Output Power Measurements (Fully-loaded RU)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 5T	Antenna 3b	Summed						
	5180	36	SDM	AVG	242	61	270/286.8 (MCS11)	12.45	12.50	15.49	-	-	3.06	18.55	22.66	-4.10
	5200	40	SDM	AVG	242	61	270/286.8 (MCS11)	12.50	12.50	15.51	-	-	3.06	18.57	22.66	-4.08
	5240	48	SDM	AVG	242	61	270/286.8 (MCS11)	12.50	12.45	15.49	-	-	3.06	18.55	22.66	-4.10
	5260	52	SDM	AVG	242	61	270/286.8 (MCS11)	16.51	16.62	19.58	23.60	-4.02	3.23	22.81	29.60	-6.79
	5300	60	SDM	AVG	242	61	270/286.8 (MCS11)	16.73	16.75	19.75	23.60	-3.85	3.23	22.98	29.60	-6.62
	5320	64	CDD	AVG	242	61	270/286.8 (MCS11)	15.43	15.40	18.43	23.37	-4.94	6.22	24.65	29.37	-4.72
	5500	100	CDD	AVG	242	61	270/286.8 (MCS11)	14.00	13.86	16.94	23.62	-6.68	5.67	22.61	29.62	-7.01
	5520	104	CDD	AVG	242	61	270/286.8 (MCS11)	16.70	16.75	19.74	23.62	-3.88	5.67	25.41	29.62	-4.21
	5540	108	CDD	AVG	242	61	270/286.8 (MCS11)	16.62	16.74	19.69	23.62	-3.93	5.67	25.36	29.62	-4.26
	5580	116	CDD	AVG	242	61	270/286.8 (MCS11)	16.72	16.74	19.74	23.62	-3.88	5.67	25.41	29.62	-4.21
	5660	132	CDD	AVG	242	61	270/286.8 (MCS11)	16.74	16.75	19.76	23.62	-3.86	5.67	25.43	29.62	-4.19
	5680	136	CDD	AVG	242	61	270/286.8 (MCS11)	16.72	16.68	19.71	23.62	-3.91	5.67	25.38	29.62	-4.24
	5700	140	CDD	AVG	242	61	270/286.8 (MCS11)	11.91	11.98	14.96	23.62	-8.66	5.67	20.63	29.62	-8.99
	5720	144	CDD	AVG	242	61	270/286.8 (MCS11)	16.54	16.60	19.58	23.62	-4.04	5.67	25.25	29.62	-4.37
	5745	149	CDD	AVG	242	61	270/286.8 (MCS11)	20.42	20.42	23.43	29.97	-6.54	6.03	29.46	-	-
	5785	157	CDD	AVG	242	61	270/286.8 (MCS11)	20.38	20.45	23.43	29.97	-6.54	6.03	29.46	-	-
	5825	165	CDD	AVG	242	61	270/286.8 (MCS11)	20.46	20.45	23.47	29.97	-6.50	6.03	29.50	-	-

Table 7-83. ISED CDD/SDM Primary 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 5T	Antenna 3b	Summed						
	5190	38	SDM	AVG	484	65	540/573.5 (MCS11)	12.44	12.45	15.46	-	-	3.06	18.52	22.66	-4.13
	5230	46	SDM	AVG	484	65	540/573.5 (MCS11)	15.20	15.25	18.24	-	-	3.06	21.30	22.66	-1.35
	5270	54	CDD	AVG	484	65	540/573.5 (MCS11)	18.00	17.97	21.00	23.37	-2.37	6.22	27.22	29.37	-2.15
	5310	62	CDD	AVG	484	65	540/573.5 (MCS11)	11.92	11.92	14.93	23.37	-8.44	6.22	21.15	29.37	-8.22
	5510	102	CDD	AVG	484	65	540/573.5 (MCS11)	11.87	11.95	14.92	23.62	-8.70	5.67	20.59	29.62	-9.03
	5550	110	CDD	AVG	484	65	540/573.5 (MCS11)	17.45	17.43	20.45	23.62	-3.17	5.67	26.12	29.62	-3.50
	5670	134	CDD	AVG	484	65	540/573.5 (MCS11)	13.75	13.75	16.76	23.62	-6.86	5.67	22.43	29.62	-7.19
	5710	142	CDD	AVG	484	65	540/573.5 (MCS11)	19.50	19.49	22.51	23.62	-1.11	5.67	28.18	29.62	-1.44
	5755	151	CDD	AVG	484	65	540/573.5 (MCS11)	19.50	19.50	22.51	29.97	-7.46	6.03	28.54	-	-
	5795	159	CDD	AVG	484	65	540/573.5 (MCS11)	19.50	19.50	22.51	29.97	-7.46	6.03	28.54	-	-

Table 7-84. ISED CDD/SDM Primary 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 5T	Antenna 3b	Summed						
	5210	42	CDD	AVG	996	67	1134/1201 (MCS11)	12.00	11.94	14.98	-	-	6.07	21.05	22.66	-1.61
	5290	58	CDD	AVG	996	67	1134/1201 (MCS11)	12.00	12.00	15.01	23.37	-8.36	6.22	21.23	29.37	-8.14
	5530	106	CDD	AVG	996	67	1134/1201 (MCS11)	11.43	11.47	14.46	23.62	-9.16	5.67	20.13	29.62	-9.49
	5690	138	CDD	AVG	996	67	1134/1201 (MCS11)	19.95	20.00	22.99	23.62	-0.63	5.67	28.66	29.62	-0.96
	5775	155	CDD	AVG	996	67	1134/1201 (MCS11)	16.87	16.85	19.87	29.97	-10.10	6.03	25.90	-	-

Table 7-85. ISED CDD Primary 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

FCC ID: BCGA2568 IC: 579C-A2568	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device		Page 93 of 397

FCC CDD/SDM Diversity Conducted Output Power Measurements (RU26)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna 5T	Antenna 1b	Summed		
	5180	36	SDM	AVG	26	0	270/286.8 (MCS11)	7.80	7.92	10.87	23.98	-13.11
			SDM	AVG	26	4	270/286.8 (MCS11)	8.50	8.43	11.48	23.98	-12.50
			SDM	AVG	26	8	270/286.8 (MCS11)	8.09	8.02	11.07	23.98	-12.91
	5200	40	SDM	AVG	26	0	270/286.8 (MCS11)	7.81	7.91	10.87	23.98	-13.11
			SDM	AVG	26	4	270/286.8 (MCS11)	8.49	8.46	11.49	23.98	-12.49
			SDM	AVG	26	8	270/286.8 (MCS11)	8.30	8.06	11.19	23.98	-12.79
	5240	48	SDM	AVG	26	0	270/286.8 (MCS11)	7.60	7.75	10.69	23.98	-13.29
			SDM	AVG	26	4	270/286.8 (MCS11)	8.31	8.35	11.34	23.98	-12.64
			SDM	AVG	26	8	270/286.8 (MCS11)	7.95	7.85	10.91	23.98	-13.07
	5260	52	SDM	AVG	26	0	270/286.8 (MCS11)	7.60	7.80	10.71	23.60	-12.88
			SDM	AVG	26	4	270/286.8 (MCS11)	8.23	8.40	11.33	23.60	-12.27
			SDM	AVG	26	8	270/286.8 (MCS11)	7.91	7.93	10.93	23.60	-12.67
	5300	60	SDM	AVG	26	0	270/286.8 (MCS11)	8.10	7.69	10.91	23.60	-12.69
			SDM	AVG	26	4	270/286.8 (MCS11)	8.50	8.32	11.42	23.60	-12.17
			SDM	AVG	26	8	270/286.8 (MCS11)	8.26	7.85	11.07	23.60	-12.53
	5320	64	SDM	AVG	26	0	270/286.8 (MCS11)	7.61	7.83	10.73	23.60	-12.86
			SDM	AVG	26	4	270/286.8 (MCS11)	8.36	8.43	11.41	23.60	-12.19
			SDM	AVG	26	8	270/286.8 (MCS11)	7.64	7.68	10.67	23.60	-12.93
	5500	100	CDD	AVG	26	0	270/286.8 (MCS11)	7.99	7.84	10.93	23.62	-12.69
			CDD	AVG	26	4	270/286.8 (MCS11)	8.44	8.46	11.46	23.62	-12.16
			CDD	AVG	26	8	270/286.8 (MCS11)	7.95	7.87	10.92	23.62	-12.70
	5580	116	CDD	AVG	26	0	270/286.8 (MCS11)	7.91	7.87	10.90	23.62	-12.72
			CDD	AVG	26	4	270/286.8 (MCS11)	8.50	8.40	11.46	23.62	-12.16
			CDD	AVG	26	8	270/286.8 (MCS11)	8.22	7.90	11.07	23.62	-12.55
	5720	144	CDD	AVG	26	0	270/286.8 (MCS11)	8.14	7.82	10.99	23.62	-12.63
			CDD	AVG	26	4	270/286.8 (MCS11)	8.45	8.48	11.48	23.62	-12.14
			CDD	AVG	26	8	270/286.8 (MCS11)	8.20	8.00	11.11	23.62	-12.51
	5745	149	CDD	AVG	26	0	270/286.8 (MCS11)	11.11	10.76	13.95	30.00	-16.05
			CDD	AVG	26	4	270/286.8 (MCS11)	11.48	11.30	14.40	30.00	-15.60
			CDD	AVG	26	8	270/286.8 (MCS11)	11.12	10.72	13.93	30.00	-16.07
	5785	157	CDD	AVG	26	0	270/286.8 (MCS11)	11.00	11.03	14.03	30.00	-15.97
			CDD	AVG	26	4	270/286.8 (MCS11)	11.45	11.48	14.48	30.00	-15.52
			CDD	AVG	26	8	270/286.8 (MCS11)	11.00	10.98	14.00	30.00	-16.00
	5825	165	CDD	AVG	26	0	270/286.8 (MCS11)	11.01	10.82	13.93	30.00	-16.07
			CDD	AVG	26	4	270/286.8 (MCS11)	11.41	11.27	14.35	30.00	-15.65
			CDD	AVG	26	8	270/286.8 (MCS11)	11.07	10.61	13.86	30.00	-16.14

Table 7-86. FCC CDD/SDM Diversity 20MHz BW (UNII) Maximum Conducted Output Power (RU26)

FCC ID: BCGA2568 IC: 579C-A2568	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 94 of 397

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna 5T	Antenna 1b	Summed		
5190	38		SDM	AVG	26	0	540/573.5 (MCS11)	6.98	7.50	10.26	23.98	-13.72
			SDM	AVG	26	8	540/573.5 (MCS11)	8.41	8.34	11.39	23.98	-12.59
			SDM	AVG	26	17	540/573.5 (MCS11)	7.69	8.09	10.90	23.98	-13.07
5230	46		SDM	AVG	26	0	540/573.5 (MCS11)	7.23	7.28	10.27	23.98	-13.71
			SDM	AVG	26	8	540/573.5 (MCS11)	8.50	8.41	11.47	23.98	-12.51
			SDM	AVG	26	17	540/573.5 (MCS11)	7.86	7.77	10.83	23.98	-13.15
5270	54		SDM	AVG	26	0	540/573.5 (MCS11)	7.27	7.61	10.45	23.60	-13.14
			SDM	AVG	26	8	540/573.5 (MCS11)	8.26	8.47	11.38	23.60	-12.22
			SDM	AVG	26	17	540/573.5 (MCS11)	7.60	7.72	10.67	23.60	-12.93
5310	62		SDM	AVG	26	0	540/573.5 (MCS11)	7.62	7.59	10.62	23.60	-12.98
			SDM	AVG	26	8	540/573.5 (MCS11)	8.45	8.46	11.47	23.60	-12.13
			SDM	AVG	26	17	540/573.5 (MCS11)	7.71	7.77	10.75	23.60	-12.85
5510	102		CDD	AVG	26	0	540/573.5 (MCS11)	7.53	7.60	10.58	23.62	-13.04
			CDD	AVG	26	8	540/573.5 (MCS11)	8.50	8.32	11.42	23.62	-12.20
			CDD	AVG	26	17	540/573.5 (MCS11)	7.67	7.67	10.68	23.62	-12.94
5550	110		CDD	AVG	26	0	540/573.5 (MCS11)	7.37	7.61	10.50	23.62	-13.12
			CDD	AVG	26	8	540/573.5 (MCS11)	8.44	8.46	11.46	23.62	-12.16
			CDD	AVG	26	17	540/573.5 (MCS11)	7.81	8.10	10.97	23.62	-12.65
5710	142		CDD	AVG	26	0	540/573.5 (MCS11)	7.73	7.37	10.56	23.62	-13.06
			CDD	AVG	26	8	540/573.5 (MCS11)	8.45	8.43	11.45	23.62	-12.17
			CDD	AVG	26	17	540/573.5 (MCS11)	7.74	7.85	10.81	23.62	-12.81
5755	151		CDD	AVG	26	0	540/573.5 (MCS11)	10.95	10.73	13.85	30.00	-16.15
			CDD	AVG	26	8	540/573.5 (MCS11)	11.47	11.49	14.49	30.00	-15.51
			CDD	AVG	26	17	540/573.5 (MCS11)	10.77	10.82	13.81	30.00	-16.19
5795	159		CDD	AVG	26	0	540/573.5 (MCS11)	10.90	11.00	13.96	30.00	-16.04
			CDD	AVG	26	8	540/573.5 (MCS11)	11.50	11.50	14.51	30.00	-15.49
			CDD	AVG	26	17	540/573.5 (MCS11)	10.74	10.90	13.83	30.00	-16.17

Table 7-87. FCC CDD/SDM Diversity 40MHz BW (UNII) Maximum Conducted Output Power (RU26)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna 5T	Antenna 1b	Summed		
5210	42		SDM	AVG	26	0	1134/1201 (MCS11)	7.61	7.28	10.46	23.98	-13.52
			SDM	AVG	26	18	1134/1201 (MCS11)	8.50	8.44	11.48	23.98	-12.50
			SDM	AVG	26	36	1134/1201 (MCS11)	7.93	7.71	10.83	23.98	-13.15
5290	58		SDM	AVG	26	0	1134/1201 (MCS11)	7.71	7.63	10.68	23.60	-12.92
			SDM	AVG	26	18	1134/1201 (MCS11)	8.40	8.39	11.41	23.60	-12.19
			SDM	AVG	26	36	1134/1201 (MCS11)	7.86	8.13	11.01	23.60	-12.59
5530	106		CDD	AVG	26	0	1134/1201 (MCS11)	8.02	7.94	10.99	23.62	-12.63
			CDD	AVG	26	18	1134/1201 (MCS11)	8.38	8.41	11.41	23.62	-12.21
			CDD	AVG	26	36	1134/1201 (MCS11)	8.26	8.02	11.15	23.62	-12.47
5610	122		CDD	AVG	26	0	1134/1201 (MCS11)	8.03	7.97	11.01	23.62	-12.61
			CDD	AVG	26	18	1134/1201 (MCS11)	8.50	8.31	11.42	23.62	-12.20
			CDD	AVG	26	36	1134/1201 (MCS11)	8.38	8.27	11.34	23.62	-12.28
5690	138		CDD	AVG	26	0	1134/1201 (MCS11)	7.85	7.81	10.84	23.62	-12.78
			CDD	AVG	26	18	1134/1201 (MCS11)	8.41	8.50	11.47	23.62	-12.15
			CDD	AVG	26	36	1134/1201 (MCS11)	7.92	8.26	11.10	23.62	-12.52
5775	155		CDD	AVG	26	0	1134/1201 (MCS11)	11.44	10.81	14.15	30.00	-15.85
			CDD	AVG	26	18	1134/1201 (MCS11)	11.50	11.40	14.46	30.00	-15.54
			CDD	AVG	26	36	1134/1201 (MCS11)	11.03	10.80	13.93	30.00	-16.07

Table 7-88. FCC CDD/SDM Diversity 80MHz BW (UNII) Maximum Conducted Output Power (RU26)

FCC ID: BCGA2568 IC: 579C-A2568	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 95 of 397

ISED CDD/SDM Diversity Conducted Output Power Measurements (RU26)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 5T	Antenna 1b	Summed						
5180	36		SDM	AVG	26	0	270/286.8 (MCS11)	4.02	4.25	7.15	-	-	1.70	8.85	22.66	-13.81
			SDM	AVG	26	4	270/286.8 (MCS11)	4.25	4.25	7.26	-	-	1.70	8.96	22.66	-13.70
			SDM	AVG	26	8	270/286.8 (MCS11)	4.23	4.25	7.25	-	-	1.70	8.95	22.66	-13.71
5200	40		SDM	AVG	26	0	270/286.8 (MCS11)	4.25	3.33	6.82	-	-	1.70	8.53	22.66	-14.13
			SDM	AVG	26	4	270/286.8 (MCS11)	4.25	3.67	6.98	-	-	1.70	8.68	22.66	-13.98
			SDM	AVG	26	8	270/286.8 (MCS11)	4.20	4.25	7.24	-	-	1.70	8.94	22.66	-13.72
5240	48		SDM	AVG	26	0	270/286.8 (MCS11)	4.25	4.23	7.25	-	-	1.70	8.95	22.66	-13.71
			SDM	AVG	26	4	270/286.8 (MCS11)	4.21	4.25	7.24	-	-	1.70	8.94	22.66	-13.72
			SDM	AVG	26	8	270/286.8 (MCS11)	4.19	4.24	7.23	-	-	1.70	8.93	22.66	-13.73
5260	52		SDM	AVG	26	0	270/286.8 (MCS11)	7.60	7.80	10.71	23.60	-12.88	2.42	13.13	29.60	-16.46
			SDM	AVG	26	4	270/286.8 (MCS11)	8.23	8.40	11.33	23.60	-12.27	2.42	13.75	29.60	-15.85
			SDM	AVG	26	8	270/286.8 (MCS11)	7.91	7.93	10.93	23.60	-12.67	2.42	13.35	29.60	-16.24
5300	60		SDM	AVG	26	0	270/286.8 (MCS11)	8.10	7.69	10.91	23.60	-12.69	2.42	13.33	29.60	-16.26
			SDM	AVG	26	4	270/286.8 (MCS11)	8.50	8.32	11.42	23.60	-12.17	2.42	13.84	29.60	-15.75
			SDM	AVG	26	8	270/286.8 (MCS11)	8.26	7.85	11.07	23.60	-12.53	2.42	13.49	29.60	-16.10
5320	64		SDM	AVG	26	0	270/286.8 (MCS11)	7.61	7.83	10.73	23.60	-12.86	2.42	13.15	29.60	-16.44
			SDM	AVG	26	4	270/286.8 (MCS11)	8.36	8.43	11.41	23.60	-12.19	2.42	13.83	29.60	-15.77
			SDM	AVG	26	8	270/286.8 (MCS11)	7.64	7.68	10.67	23.60	-12.93	2.42	13.09	29.60	-16.50
5500	100		CDD	AVG	26	0	270/286.8 (MCS11)	7.99	7.84	10.93	23.62	-12.69	5.32	16.25	29.62	-13.37
			CDD	AVG	26	4	270/286.8 (MCS11)	8.44	8.46	11.46	23.62	-12.16	5.32	16.78	29.62	-12.84
			CDD	AVG	26	8	270/286.8 (MCS11)	7.95	7.87	10.92	23.62	-12.70	5.32	16.24	29.62	-13.38
5580	116		CDD	AVG	26	0	270/286.8 (MCS11)	7.91	7.87	10.90	23.62	-12.72	5.32	16.22	29.62	-13.40
			CDD	AVG	26	4	270/286.8 (MCS11)	8.50	8.40	11.46	23.62	-12.16	5.32	16.78	29.62	-12.84
			CDD	AVG	26	8	270/286.8 (MCS11)	8.22	7.90	11.07	23.62	-12.55	5.32	16.40	29.62	-13.22
5720	144		CDD	AVG	26	0	270/286.8 (MCS11)	8.14	7.82	10.99	23.62	-12.63	5.32	16.32	29.62	-13.30
			CDD	AVG	26	4	270/286.8 (MCS11)	8.45	8.48	11.48	23.62	-12.14	5.32	16.80	29.62	-12.82
			CDD	AVG	26	8	270/286.8 (MCS11)	8.20	8.00	11.11	23.62	-12.51	5.32	16.43	29.62	-13.19
5745	149		CDD	AVG	26	0	270/286.8 (MCS11)	11.11	10.76	13.95	30.00	-16.05	5.28	19.23	-	-
			CDD	AVG	26	4	270/286.8 (MCS11)	11.48	11.30	14.40	30.00	-15.60	5.28	19.68	-	-
			CDD	AVG	26	8	270/286.8 (MCS11)	11.12	10.72	13.93	30.00	-16.07	5.28	19.22	-	-
5785	157		CDD	AVG	26	0	270/286.8 (MCS11)	11.00	11.03	14.03	30.00	-15.97	5.28	19.31	-	-
			CDD	AVG	26	4	270/286.8 (MCS11)	11.45	11.48	14.48	30.00	-15.52	5.28	19.76	-	-
			CDD	AVG	26	8	270/286.8 (MCS11)	11.00	10.98	14.00	30.00	-16.00	5.28	19.28	-	-
5825	165		CDD	AVG	26	0	270/286.8 (MCS11)	11.01	10.82	13.93	30.00	-16.07	5.28	19.21	-	-
			CDD	AVG	26	4	270/286.8 (MCS11)	11.41	11.27	14.35	30.00	-15.65	5.28	19.63	-	-
			CDD	AVG	26	8	270/286.8 (MCS11)	11.07	10.61	13.86	30.00	-16.14	5.28	19.14	-	-

Table 7-89. ISED CDD/SDM Diversity 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 5T	Antenna 1b	Summed						
5190	38		SDM	AVG	26	0	540/573.5 (MCS11)	4.25	3.51	6.91	-	-	1.70	8.61	22.66	-14.05
			SDM	AVG	26	8	540/573.5 (MCS11)	4.25	4.25	7.26	-	-	1.70	8.96	22.66	-13.70
			SDM	AVG	26	17	540/573.5 (MCS11)	4.09	4.25	7.18	-	-	1.70	8.88	22.66	-13.78
5230	46		SDM	AVG	26	0	540/573.5 (MCS11)	3.27	3.83	6.57	-	-	1.70	8.27	22.66	-14.39
			SDM	AVG	26	8	540/573.5 (MCS11)	4.25	4.25	7.26	-	-	1.70	8.96	22.66	-13.70
			SDM	AVG	26	17	540/573.5 (MCS11)	4.22	4.25	7.25	-	-	1.70	8.95	22.66	-13.71
5270	54		SDM	AVG	26	0	540/573.5 (MCS11)	7.27	7.61	10.45	23.60	-13.14	2.42	12.87	29.60	-16.72
			SDM	AVG	26	8	540/573.5 (MCS11)	8.26	8.47	11.38	23.60	-12.22	2.42	13.80	29.60	-15.80
			SDM	AVG	26	17	540/573.5 (MCS11)	7.60	7.72	10.67	23.60	-12.93	2.42	13.09	29.60	-16.50
5310	62		SDM	AVG	26	0	540/573.5 (MCS11)	7.62	7.59	10.62	23.60	-12.98	2.42	13.04	29.60	-16.56
			SDM	AVG	26	8	540/573.5 (MCS11)	8.45	8.46	11.47	23.60	-12.13	2.42	13.89	29.60	-15.71
			SDM	AVG	26	17	540/573.5 (MCS11)	7.71	7.77	10.75	23.60	-12.85	2.42	13.17	29.60	-16.42
5510	102		CDD	AVG	26	0	540/573.5 (MCS11)	7.53	7.60	10.58	23.62	-13.04	5.32	15.90	29.62	-13.72
			CDD	AVG	26	8	540/573.5 (MCS11)	8.50	8.32	11.42	23.62	-12.20	5.32	16.74	29.62	-12.88
			CDD	AVG	26	17	540/573.5 (MCS11)	7.67	7.67	10.68	23.62	-12.94	5.32	16.00	29.62	-13.62
5550	110		CDD	AVG	26	0	540/573.5 (MCS11)	7.37	7.61	10.50	23.62	-13.12	5.32	15.82	29.62	-13.80
			CDD	AVG	26	8	540/573.5 (MCS11)	8.44	8.46	11.46	23.62	-12.16	5.32	16.78	29.62	-12.84
			CDD	AVG	26	17	540/573.5 (MCS11)	7.81	8.10	10.97	23.62	-12.65	5.32	16.29	29.62	-13.33
5710	142		CDD	AVG	26	0	540/573.5 (MCS11)	7.73	7.37	10.56	23.62	-13.06	5.32	15.89	29.62	-13.73
			CDD	AVG	26	8	540/573.5 (MCS11)	8.45	8.43	11.45	23.62	-12.17	5.32	16.77	29.62	-12.85
			CDD	AVG	26	17	540/573.5 (MCS11)	7.74	7.85	10.81	23.62	-12.81	5.32	16.13	29.62	-13.49
5755	151		CDD	AVG	26	0	540/573.5 (MCS11)	10.95	10.73	13.85	30.00	-16.15	5.28	19.13	-	-
			CDD	AVG	26	8	540/573.5 (MCS11)	11.47	11.49	14.49	30.00	-15.51	5.28	19.77	-	-
			CDD	AVG	26	17	540/573.5 (MCS11)	10.77	10.82	13.81	30.00	-16.19	5.28	19.09	-	-
5795	159		CDD	AVG	26	0	540/573.5 (MCS11)	10.90	11.00	13.96	30.00	-16.04	5.28	19.24	-	-
			CDD	AVG	26	8	540/573.5 (MCS11)	11.50	11.50	14.51	30.00	-15.49	5.28	19.79	-	-
			CDD	AVG	26	17	540/573.5 (MCS11)	10.74	10.90	13.83	30.00	-16.17	5.28	19.11	-	-

Table 7-90. ISED CDD/SDM Diversity 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

FCC ID: BCGA2568 IC: 579C-A2568		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 96 of 397

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 5T	Antenna 1b	Summed						
5GHz (80MHz Bandwidth)	5210	42	SDM	AVG	26	0	1134/1201 (MCS11)	3.83	3.99	6.92	-	-	1.70	8.62	22.66	-14.04
			SDM	AVG	26	18	1134/1201 (MCS11)	4.25	4.25	7.26	-	-	1.70	8.96	22.66	-13.70
			SDM	AVG	26	36	1134/1201 (MCS11)	4.19	4.08	7.15	-	-	1.70	8.85	22.66	-13.81
	5290	58	SDM	AVG	26	0	1134/1201 (MCS11)	7.71	7.63	10.68	23.60	-12.92	2.42	13.10	29.60	-16.49
			SDM	AVG	26	18	1134/1201 (MCS11)	8.40	8.39	11.41	23.60	-12.19	2.42	13.83	29.60	-15.77
			SDM	AVG	26	36	1134/1201 (MCS11)	7.86	8.13	11.01	23.60	-12.59	2.42	13.43	29.60	-16.17
	5530	106	CDD	AVG	26	0	1134/1201 (MCS11)	8.02	7.94	10.99	23.62	-12.63	5.32	16.31	29.62	-13.31
			CDD	AVG	26	18	1134/1201 (MCS11)	8.38	8.41	11.41	23.62	-12.21	5.32	16.73	29.62	-12.89
			CDD	AVG	26	36	1134/1201 (MCS11)	8.26	8.02	11.15	23.62	-12.47	5.32	16.47	29.62	-13.15
	5690	138	CDD	AVG	26	0	1134/1201 (MCS11)	7.85	7.81	10.84	23.62	-12.78	5.32	16.16	29.62	-13.46
			CDD	AVG	26	18	1134/1201 (MCS11)	8.41	8.50	11.47	23.62	-12.15	5.32	16.79	29.62	-12.83
			CDD	AVG	26	36	1134/1201 (MCS11)	7.92	8.26	11.10	23.62	-12.52	5.32	16.43	29.62	-13.19
	5775	155	CDD	AVG	26	0	1134/1201 (MCS11)	11.44	10.81	14.15	30.00	-15.85	5.28	19.43	-	-
			CDD	AVG	26	18	1134/1201 (MCS11)	11.50	11.40	14.46	30.00	-15.54	5.28	19.74	-	-
			CDD	AVG	26	36	1134/1201 (MCS11)	11.03	10.80	13.93	30.00	-16.07	5.28	19.21	-	-

Table 7-91. ISED CDD/SDM Diversity 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

FCC ID: BCGA2568 IC: 579C-A2568	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 97 of 397

FCC CDD Diversity Conducted Output Power Measurements (Highest Power Among Partially-Loaded RU's)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna 5T	Antenna 1b	Summed		
	5180	36	SDM	AVG	106	53	270/286.8 (MCS11)	14.00	14.21	17.12	23.98	-6.86
			SDM	AVG	106	54	270/286.8 (MCS11)	14.32	14.38	17.36	23.98	-6.62
	5200	40	SDM	AVG	106	53	270/286.8 (MCS11)	14.06	14.11	17.10	23.98	-6.88
			SDM	AVG	106	54	270/286.8 (MCS11)	14.21	14.22	17.23	23.98	-6.75
	5240	48	SDM	AVG	106	53	270/286.8 (MCS11)	14.12	14.33	17.24	23.98	-6.74
			SDM	AVG	106	54	270/286.8 (MCS11)	14.28	14.37	17.34	23.98	-6.64
	5260	52	SDM	AVG	106	53	270/286.8 (MCS11)	14.24	14.39	17.33	23.60	-6.27
			SDM	AVG	106	54	270/286.8 (MCS11)	14.37	14.13	17.26	23.60	-6.33
	5300	60	SDM	AVG	106	53	270/286.8 (MCS11)	14.20	14.13	17.18	23.60	-6.42
			SDM	AVG	106	54	270/286.8 (MCS11)	14.27	14.33	17.31	23.60	-6.29
	5320	64	SDM	AVG	106	53	270/286.8 (MCS11)	14.10	14.30	17.21	23.60	-6.38
			SDM	AVG	106	54	270/286.8 (MCS11)	14.26	14.33	17.31	23.60	-6.29
	5500	100	CDD	AVG	106	53	270/286.8 (MCS11)	13.83	13.85	16.85	23.62	-6.77
			CDD	AVG	106	54	270/286.8 (MCS11)	13.88	13.86	16.88	23.62	-6.74
	5520	104	CDD	AVG	106	53	270/286.8 (MCS11)	14.02	14.33	17.19	23.62	-6.43
			CDD	AVG	106	54	270/286.8 (MCS11)	14.31	14.28	17.31	23.62	-6.31
	5580	116	CDD	AVG	106	53	270/286.8 (MCS11)	14.06	14.19	17.14	23.62	-6.48
			CDD	AVG	106	54	270/286.8 (MCS11)	14.38	14.20	17.30	23.62	-6.32
	5680	136	CDD	AVG	106	53	270/286.8 (MCS11)	14.27	14.23	17.26	23.62	-6.36
			CDD	AVG	106	54	270/286.8 (MCS11)	14.34	14.35	17.36	23.62	-6.26
	5700	140	CDD	AVG	106	53	270/286.8 (MCS11)	11.74	11.78	14.77	23.62	-8.85
			CDD	AVG	106	54	270/286.8 (MCS11)	11.82	11.91	14.88	23.62	-8.74
	5720	144	CDD	AVG	106	53	270/286.8 (MCS11)	14.32	14.26	17.30	23.62	-6.32
			CDD	AVG	106	54	270/286.8 (MCS11)	14.30	14.24	17.28	23.62	-6.34
	5745	149	CDD	AVG	106	53	270/286.8 (MCS11)	17.46	17.33	20.41	30.00	-9.59
			CDD	AVG	106	54	270/286.8 (MCS11)	17.50	17.42	20.47	30.00	-9.53
	5785	157	CDD	AVG	106	53	270/286.8 (MCS11)	17.45	17.19	20.33	30.00	-9.67
			CDD	AVG	106	54	270/286.8 (MCS11)	17.47	17.24	20.37	30.00	-9.63
	5825	165	CDD	AVG	106	53	270/286.8 (MCS11)	17.19	17.41	20.31	30.00	-9.69
			CDD	AVG	106	54	270/286.8 (MCS11)	17.34	17.26	20.31	30.00	-9.69

Table 7-92. FCC CDD/SDM Diversity 20MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna 5T	Antenna 1b	Summed		
	5190	38	CDD	AVG	242	61	540/573.5 (MCS11)	12.40	12.30	15.36	23.98	-8.62
			CDD	AVG	242	62	540/573.5 (MCS11)	12.42	12.44	15.44	23.98	-8.54
	5230	46	SDM	AVG	242	61	540/573.5 (MCS11)	16.74	16.57	19.67	23.98	-4.31
			SDM	AVG	242	62	540/573.5 (MCS11)	16.75	16.73	19.75	23.98	-4.23
	5270	54	SDM	AVG	242	61	540/573.5 (MCS11)	16.40	16.58	19.50	23.60	-4.09
			SDM	AVG	242	62	540/573.5 (MCS11)	16.64	16.70	19.68	23.60	-3.92
	5310	62	CDD	AVG	242	61	540/573.5 (MCS11)	11.70	11.71	14.72	23.60	-8.88
			CDD	AVG	242	62	540/573.5 (MCS11)	11.97	11.86	14.93	23.60	-8.67
	5510	102	CDD	AVG	242	61	540/573.5 (MCS11)	11.90	11.62	14.77	23.62	-8.85
			CDD	AVG	242	62	540/573.5 (MCS11)	12.00	11.88	14.95	23.62	-8.67
	5550	110	CDD	AVG	242	61	540/573.5 (MCS11)	16.62	16.31	19.48	23.62	-4.14
			CDD	AVG	242	62	540/573.5 (MCS11)	16.52	16.53	19.54	23.62	-4.08
	5590	118	CDD	AVG	242	61	540/573.5 (MCS11)	16.49	16.46	19.49	23.62	-4.13
			CDD	AVG	242	62	540/573.5 (MCS11)	16.57	16.60	19.60	23.62	-4.02
	5630	126	CDD	AVG	242	61	540/573.5 (MCS11)	16.59	16.61	19.61	23.62	-4.01
			CDD	AVG	242	62	540/573.5 (MCS11)	16.61	16.72	19.68	23.62	-3.94
	5670	134	CDD	AVG	242	61	540/573.5 (MCS11)	13.46	13.48	16.48	23.62	-7.14
			CDD	AVG	242	62	540/573.5 (MCS11)	13.65	13.75	16.71	23.62	-6.91
	5710	142	CDD	AVG	106	53	540/573.5 (MCS11)	13.80	13.94	16.88	23.62	-6.74
			CDD	AVG	106	54	540/573.5 (MCS11)	14.45	14.50	17.49	23.62	-6.13
	5755	151	CDD	AVG	242	61	540/573.5 (MCS11)	19.30	19.30	22.31	30.00	-7.69
			CDD	AVG	242	62	540/573.5 (MCS11)	19.48	19.50	22.50	30.00	-7.50
	5795	159	CDD	AVG	242	61	540/573.5 (MCS11)	19.36	19.25	22.32	30.00	-7.68
			CDD	AVG	242	62	540/573.5 (MCS11)	19.49	19.45	22.48	30.00	-7.52

Table 7-93. FCC CDD/SDM Diversity 40MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

FCC ID: BCGA2568 IC: 579C-A2568		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 98 of 397

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna 5T	Antenna 1b	Summed		
	5210	42	CDD	AVG	484	65	1134/1201 (MCS11)	11.91	11.67	14.80	23.98	-9.18
			CDD	AVG	484	66	1134/1201 (MCS11)	12.00	12.00	15.01	23.98	-8.97
	5290	58	CDD	AVG	484	65	1134/1201 (MCS11)	11.83	11.62	14.74	23.60	-8.86
			CDD	AVG	484	66	1134/1201 (MCS11)	11.94	12.00	14.98	23.60	-8.62
	5530	106	CDD	AVG	484	65	1134/1201 (MCS11)	11.38	11.36	14.38	23.62	-9.24
			CDD	AVG	484	66	1134/1201 (MCS11)	11.45	11.41	14.44	23.62	-9.18
	5610	122	CDD	AVG	484	65	1134/1201 (MCS11)	15.50	15.15	18.34	23.62	-5.28
			CDD	AVG	484	66	1134/1201 (MCS11)	15.45	15.37	18.42	23.62	-5.20
	5690	138	CDD	AVG	106	53	1134/1201 (MCS11)	14.00	14.02	17.02	23.62	-6.60
			CDD	AVG	106	56	1134/1201 (MCS11)	14.29	14.45	17.38	23.62	-6.24
			CDD	AVG	106	60	1134/1201 (MCS11)	13.89	14.31	17.12	23.62	-6.50
			CDD	AVG	484	65	1134/1201 (MCS11)	16.95	16.58	19.78	30.00	-10.22
	5775	155	CDD	AVG	484	65	1134/1201 (MCS11)	16.95	16.58	19.78	30.00	-10.22
			CDD	AVG	484	66	1134/1201 (MCS11)	16.93	16.75	19.85	30.00	-10.15

Table 7-94. FCC CDD Diversity 80MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

FCC ID: BCGA2568 IC: 579C-A2568	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 99 of 397

ISED CDD/SDM Diversity Conducted Output Power Measurements (Highest Power Among Partially-Loaded RU's)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 5T	Antenna 1b	Summed						
5180	36		SDM	AVG	106	53	270/286.8 (MCS11)	9.82	10.05	12.95	-	-	1.70	14.65	22.66	-8.01
			SDM	AVG	106	54	270/286.8 (MCS11)	10.25	10.24	13.26	-	-	1.70	14.96	22.66	-7.70
5200	40		SDM	AVG	106	53	270/286.8 (MCS11)	9.85	10.12	13.00	-	-	1.70	14.70	22.66	-7.96
			SDM	AVG	106	54	270/286.8 (MCS11)	10.15	10.25	13.21	-	-	1.70	14.91	22.66	-7.75
5240	48		SDM	AVG	106	53	270/286.8 (MCS11)	9.95	10.04	13.01	-	-	1.70	14.71	22.66	-7.95
			SDM	AVG	106	54	270/286.8 (MCS11)	10.25	10.05	13.16	-	-	1.70	14.86	22.66	-7.80
5260	52		SDM	AVG	106	53	270/286.8 (MCS11)	14.24	14.39	17.33	23.60	-6.27	2.42	19.75	29.60	-9.85
			SDM	AVG	106	54	270/286.8 (MCS11)	14.37	14.13	17.26	23.60	-6.33	2.42	19.68	29.60	-9.91
5300	60		SDM	AVG	106	53	270/286.8 (MCS11)	14.20	14.13	17.18	23.60	-6.42	2.42	19.60	29.60	-10.00
			SDM	AVG	106	54	270/286.8 (MCS11)	14.27	14.33	17.31	23.60	-6.29	2.42	19.73	29.60	-9.86
5320	64		SDM	AVG	106	53	270/286.8 (MCS11)	14.10	14.30	17.21	23.60	-6.38	2.42	19.63	29.60	-9.96
			SDM	AVG	106	54	270/286.8 (MCS11)	14.26	14.33	17.31	23.60	-6.29	2.42	19.73	29.60	-9.87
5500	100		CDD	AVG	106	53	270/286.8 (MCS11)	13.83	13.85	16.85	23.62	-6.77	5.32	22.17	29.62	-7.45
			CDD	AVG	106	54	270/286.8 (MCS11)	13.88	13.86	16.88	23.62	-6.74	5.32	22.20	29.62	-7.42
5520	104		CDD	AVG	106	53	270/286.8 (MCS11)	14.02	14.33	17.19	23.62	-6.43	5.32	22.51	29.62	-7.11
			CDD	AVG	106	54	270/286.8 (MCS11)	14.31	14.28	17.31	23.62	-6.31	5.32	22.63	29.62	-6.99
5580	116		CDD	AVG	106	53	270/286.8 (MCS11)	14.06	14.19	17.14	23.62	-6.48	5.32	22.46	29.62	-7.16
			CDD	AVG	106	54	270/286.8 (MCS11)	14.38	14.20	17.30	23.62	-6.32	5.32	22.62	29.62	-7.00
5680	136		CDD	AVG	106	53	270/286.8 (MCS11)	14.27	14.23	17.26	23.62	-6.36	5.32	22.58	29.62	-7.04
			CDD	AVG	106	54	270/286.8 (MCS11)	14.34	14.35	17.36	23.62	-6.26	5.32	22.68	29.62	-6.94
5700	140		CDD	AVG	106	53	270/286.8 (MCS11)	11.74	11.78	14.77	23.62	-8.85	5.32	20.09	29.62	-9.53
			CDD	AVG	106	54	270/286.8 (MCS11)	11.82	11.91	14.88	23.62	-8.74	5.32	20.20	29.62	-9.42
5720	144		CDD	AVG	106	53	270/286.8 (MCS11)	14.32	14.26	17.30	23.62	-6.32	5.32	22.62	29.62	-7.00
			CDD	AVG	106	54	270/286.8 (MCS11)	14.30	14.24	17.28	23.62	-6.34	5.32	22.60	29.62	-7.02
5745	149		CDD	AVG	106	53	270/286.8 (MCS11)	17.46	17.33	20.41	30.00	-9.59	5.28	25.69	-	-
			CDD	AVG	106	54	270/286.8 (MCS11)	17.50	17.42	20.47	30.00	-9.53	5.28	25.75	-	-
5785	157		CDD	AVG	106	53	270/286.8 (MCS11)	17.45	17.19	20.33	30.00	-9.67	5.28	25.61	-	-
			CDD	AVG	106	54	270/286.8 (MCS11)	17.47	17.24	20.37	30.00	-9.63	5.28	25.65	-	-
5825	165		CDD	AVG	106	53	270/286.8 (MCS11)	17.19	17.41	20.31	30.00	-9.69	5.28	25.59	-	-
			CDD	AVG	106	54	270/286.8 (MCS11)	17.34	17.26	20.31	30.00	-9.69	5.28	25.59	-	-

Table 7-95. ISED CDD/SDM Diversity 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 5T	Antenna 1b	Summed						
5190	38		SDM	AVG	242	61	540/573.5 (MCS11)	12.48	12.35	15.43	-	-	1.70	17.13	22.66	-5.53
			SDM	AVG	242	62	540/573.5 (MCS11)	12.50	12.50	15.51	-	-	1.70	17.21	22.66	-5.45
5230	46		SDM	AVG	242	61	540/573.5 (MCS11)	12.35	12.36	15.37	-	-	1.70	17.07	22.66	-5.59
			SDM	AVG	242	62	540/573.5 (MCS11)	12.43	12.48	15.47	-	-	1.70	17.17	22.66	-5.49
5270	54		SDM	AVG	242	61	540/573.5 (MCS11)	16.40	16.58	19.50	23.60	-4.09	2.42	21.92	29.60	-7.67
			SDM	AVG	242	62	540/573.5 (MCS11)	16.64	16.70	19.68	23.60	-3.92	2.42	22.10	29.60	-7.49
5310	62		CDD	AVG	242	61	540/573.5 (MCS11)	11.70	11.71	14.72	23.60	-8.88	5.30	20.01	29.60	-9.58
			CDD	AVG	242	62	540/573.5 (MCS11)	11.97	11.86	14.93	23.60	-8.67	5.30	20.22	29.60	-9.37
5510	102		CDD	AVG	242	61	540/573.5 (MCS11)	11.90	11.62	14.77	23.62	-8.85	5.32	20.10	29.62	-9.52
			CDD	AVG	242	62	540/573.5 (MCS11)	12.00	11.88	14.95	23.62	-8.67	5.32	20.27	29.62	-9.35
5550	110		CDD	AVG	242	61	540/573.5 (MCS11)	16.62	16.31	19.48	23.62	-4.14	5.32	24.80	29.62	-4.82
			CDD	AVG	242	62	540/573.5 (MCS11)	16.52	16.53	19.54	23.62	-4.08	5.32	24.86	29.62	-4.76
5670	134		CDD	AVG	242	61	540/573.5 (MCS11)	13.46	13.48	16.48	23.62	-7.14	5.32	21.80	29.62	-7.82
			CDD	AVG	242	62	540/573.5 (MCS11)	13.65	13.75	16.71	23.62	-6.91	5.32	22.03	29.62	-7.59
5710	142		CDD	AVG	106	53	540/573.5 (MCS11)	13.80	13.94	16.88	23.62	-6.74	5.32	22.20	29.62	-7.42
			CDD	AVG	106	54	540/573.5 (MCS11)	14.45	14.50	17.49	23.62	-6.13	5.32	22.81	29.62	-6.81
5755	151		CDD	AVG	106	56	540/573.5 (MCS11)	14.02	14.10	17.07	23.62	-6.55	5.32	22.39	29.62	-7.23
			CDD	AVG	242	61	540/573.5 (MCS11)	19.30	19.30	22.31	30.00	-7.69	5.28	27.59	-	-
5795	159		CDD	AVG	242	62	540/573.5 (MCS11)	19.48	19.50	22.50	30.00	-7.50	5.28	27.78	-	-
			CDD	AVG	242	61	540/573.5 (MCS11)	19.36	19.25	22.32	30.00	-7.68	5.28	27.60	-	-
			CDD	AVG	242	62	540/573.5 (MCS11)	19.49	19.45	22.48	30.00	-7.52	5.28	27.76	-	-

Table 7-96. ISED CDD/SDM Diversity 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 5T	Antenna 1b	Summed						
5210	42	CDD	AVG	484	65	1134/1201 (MCS11)	11.91	11.67	14.80	-	-	4.64	19.44	22.66	-3.22	
		CDD	AVG	484	66	1134/1201 (MCS11)	12.00	12.00	15.01	-	-	4.64	19.65	22.66	-3.01	
5290	58	CDD	AVG	484	65	1134/1201 (MCS11)	11.83	11.62	14.74	23.60	-8.86	5.30	20.03	29.60	-9.56	
		CDD	AVG	484	66	1134/1201 (MCS11)	11.94	12.00	14.98	23.60	-8.62	5.30	20.28	29.60	-9.32	
5530	106	CDD	AVG	484	65	1134/1201 (MCS11)	11.38	11.36	14.38	23.62	-9.24	5.30	19.68	29.62	-9.94	
		CDD	AVG	484	66	1134/1201 (MCS11)	11.45	11.41	14.44	23.62	-9.18	5.32	19.76	29.62	-9.86	
5690	138	CDD	AVG	106	53	1134/1201 (MCS11)	14.00	14.02	17.02	23.62	-6.60	5.32	22.34	29.62	-7.28	
		CDD	AVG	106	56	1134/1201 (MCS11)	14.29	14.45	17.38	23.62	-6.24	5.32	22.70	29.62	-6.92	
5775	155	CDD	AVG	106	60	1134/1201 (MCS11)	13.89	14.31	17.12	23.62	-6.50	5.32	22.44	29.62	-7.18	
		CDD	AVG	484	65	1134/1201 (MCS11)	16.95	16.58	19.78	30.00	-10.22	5.32	25.10	-	-	
		CDD	AVG	484	66	1134/1201 (MCS11)	16.93	16.75	19.85	30.00	-10.15	5.28	25.13	-	-	

FCC CDD/SDM Diversity Conducted Output Power Measurements (Fully-loaded RU)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna 5T	Antenna 1b	Summed		
	5180	36	CDD	AVG	242	61	270/286.8 (MCS11)	14.91	14.81	17.87	23.98	-6.11
	5200	40	SDM	AVG	242	61	270/286.8 (MCS11)	16.73	16.68	19.72	23.98	-4.26
	5240	48	SDM	AVG	242	61	270/286.8 (MCS11)	16.75	16.60	19.69	23.98	-4.29
	5260	52	SDM	AVG	242	61	270/286.8 (MCS11)	16.68	16.68	19.69	23.60	-3.91
	5300	60	SDM	AVG	242	61	270/286.8 (MCS11)	16.75	16.73	19.75	23.60	-3.85
	5320	64	CDD	AVG	242	61	270/286.8 (MCS11)	15.33	15.28	18.32	23.60	-5.28
	5500	100	CDD	AVG	242	61	270/286.8 (MCS11)	14.00	14.00	17.01	23.62	-6.61
	5520	104	CDD	AVG	242	61	270/286.8 (MCS11)	16.66	16.71	19.70	23.62	-3.92
	5580	116	CDD	AVG	242	61	270/286.8 (MCS11)	16.71	16.70	19.72	23.62	-3.90
	5680	136	CDD	AVG	242	61	270/286.8 (MCS11)	16.73	16.63	19.69	23.62	-3.93
	5700	140	CDD	AVG	242	61	270/286.8 (MCS11)	12.00	12.00	15.01	23.62	-8.61
	5720	144	CDD	AVG	242	61	270/286.8 (MCS11)	16.75	16.72	19.75	23.62	-3.87
	5745	149	CDD	AVG	242	61	270/286.8 (MCS11)	20.46	20.43	23.46	30.00	-6.54
	5785	157	CDD	AVG	242	61	270/286.8 (MCS11)	20.46	20.43	23.46	30.00	-6.54
	5825	165	CDD	AVG	242	61	270/286.8 (MCS11)	20.45	20.49	23.48	30.00	-6.52

Table 7-98. FCC CDD/SDM Diversity 20MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna 5T	Antenna 1b	Summed		
	5190	38	CDD	AVG	484	65	540/573.5 (MCS11)	12.50	12.50	15.51	23.98	-8.47
	5230	46	CDD	AVG	484	65	540/573.5 (MCS11)	18.50	18.49	21.51	23.98	-2.47
	5270	54	CDD	AVG	484	65	540/573.5 (MCS11)	18.00	17.95	20.99	23.60	-2.61
	5310	62	CDD	AVG	484	65	540/573.5 (MCS11)	11.94	11.88	14.92	23.60	-8.68
	5510	102	CDD	AVG	484	65	540/573.5 (MCS11)	11.98	12.00	15.00	23.62	-8.62
	5550	110	CDD	AVG	484	65	540/573.5 (MCS11)	17.50	17.40	20.46	23.62	-3.16
	5590	118	CDD	AVG	484	65	540/573.5 (MCS11)	19.50	19.48	22.50	23.62	-1.12
	5630	126	CDD	AVG	484	65	540/573.5 (MCS11)	18.25	18.39	21.33	23.62	-2.29
	5670	134	CDD	AVG	484	65	540/573.5 (MCS11)	13.60	13.72	16.67	23.62	-6.95
	5710	142	CDD	AVG	484	65	540/573.5 (MCS11)	19.50	19.43	22.48	23.62	-1.14
	5755	151	CDD	AVG	484	65	540/573.5 (MCS11)	19.50	19.47	22.50	30.00	-7.50
	5795	159	CDD	AVG	484	65	540/573.5 (MCS11)	19.50	19.49	22.51	30.00	-7.49

Table 7-99. FCC CDD Diversity 40MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna 5T	Antenna 1b	Summed		
	5210	42	CDD	AVG	996	67	1134/1201 (MCS11)	12.00	11.95	14.99	23.98	-8.99
	5290	58	CDD	AVG	996	67	1134/1201 (MCS11)	12.00	11.84	14.93	23.60	-8.66
	5530	106	CDD	AVG	996	67	1134/1201 (MCS11)	11.49	11.37	14.44	23.62	-9.18
	5610	122	CDD	AVG	996	67	1134/1201 (MCS11)	15.50	15.46	18.49	23.62	-5.13
	5690	138	CDD	AVG	996	67	1134/1201 (MCS11)	20.00	20.00	23.01	23.62	-0.61
	5775	155	CDD	AVG	996	67	1134/1201 (MCS11)	17.00	16.97	20.00	30.00	-10.00

Table 7-100. FCC CDD Diversity 80MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

FCC ID: BCGA2568 IC: 579C-A2568	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 101 of 397

ISED CDD/SDM Diversity Conducted Output Power Measurements (Fully-loaded RU)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 5T	Antenna 1b	Summed						
	5180	36	SDM	AVG	242	61	270/286.8 (MCS11)	12.36	12.42	15.40	-	-	1.70	17.10	22.66	-5.56
	5200	40	SDM	AVG	242	61	270/286.8 (MCS11)	12.50	12.50	15.51	-	-	1.70	17.21	22.66	-5.45
	5240	48	SDM	AVG	242	61	270/286.8 (MCS11)	12.28	12.20	15.25	-	-	1.70	16.95	22.66	-5.71
	5260	52	SDM	AVG	242	61	270/286.8 (MCS11)	16.68	16.68	19.69	23.60	-3.91	2.42	22.11	29.60	-7.48
	5300	60	SDM	AVG	242	61	270/286.8 (MCS11)	16.75	16.73	19.75	23.60	-3.85	2.42	22.17	29.60	-7.42
	5320	64	CDD	AVG	242	61	270/286.8 (MCS11)	15.33	15.28	18.32	23.60	-5.28	5.30	23.61	29.60	-5.98
	5500	100	CDD	AVG	242	61	270/286.8 (MCS11)	14.00	14.00	17.01	23.62	-6.61	5.32	22.33	29.62	-7.29
	5520	104	CDD	AVG	242	61	270/286.8 (MCS11)	16.66	16.71	19.70	23.62	-3.92	5.32	25.02	29.62	-4.60
	5540	108	CDD	AVG	242	61	270/286.8 (MCS11)	16.66	16.64	19.66	23.62	-3.96	5.32	24.98	29.62	-4.64
	5580	116	CDD	AVG	242	61	270/286.8 (MCS11)	16.71	16.70	19.72	23.62	-3.90	5.32	25.04	29.62	-4.58
	5660	132	CDD	AVG	242	61	270/286.8 (MCS11)	16.61	16.56	19.60	23.62	-4.02	5.32	24.92	29.62	-4.70
	5680	136	CDD	AVG	242	61	270/286.8 (MCS11)	16.73	16.63	19.69	23.62	-3.93	5.32	25.01	29.62	-4.61
	5700	140	CDD	AVG	242	61	270/286.8 (MCS11)	12.00	12.00	15.01	23.62	-8.61	5.32	20.33	29.62	-9.29
	5720	144	CDD	AVG	242	61	270/286.8 (MCS11)	16.75	16.72	19.75	23.62	-3.87	5.32	25.07	29.62	-4.55
	5745	149	CDD	AVG	242	61	270/286.8 (MCS11)	20.46	20.43	23.46	30.00	-6.54	5.28	28.74	-	-
	5785	157	CDD	AVG	242	61	270/286.8 (MCS11)	20.46	20.43	23.46	30.00	-6.54	5.28	28.74	-	-
	5825	165	CDD	AVG	242	61	270/286.8 (MCS11)	20.45	20.49	23.48	30.00	-6.52	5.28	28.76	-	-

Table 7-101. ISED CDD/SDM Diversity 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 5T	Antenna 1b	Summed						
	5190	38	SDM	AVG	484	65	540/573.5 (MCS11)	12.36	12.40	15.39	-	-	1.70	17.09	22.66	-5.57
	5230	46	SDM	AVG	484	65	540/573.5 (MCS11)	15.20	15.25	18.24	-	-	1.70	19.94	22.66	-2.72
	5270	54	CDD	AVG	484	65	540/573.5 (MCS11)	18.00	17.95	20.99	23.60	-2.61	5.30	26.28	29.60	-3.31
	5310	62	CDD	AVG	484	65	540/573.5 (MCS11)	11.94	11.88	14.92	23.60	-8.68	5.30	20.22	29.60	-9.38
	5510	102	CDD	AVG	484	65	540/573.5 (MCS11)	11.98	12.00	15.00	23.62	-8.62	5.32	20.32	29.62	-9.30
	5550	110	CDD	AVG	484	65	540/573.5 (MCS11)	17.50	17.40	20.46	23.62	-3.16	5.32	25.78	29.62	-3.84
	5670	134	CDD	AVG	484	65	540/573.5 (MCS11)	13.60	13.72	16.67	23.62	-6.95	5.32	21.99	29.62	-7.63
	5710	142	CDD	AVG	484	65	540/573.5 (MCS11)	19.50	19.43	22.48	23.62	-1.14	5.32	27.80	29.62	-1.82
	5755	151	CDD	AVG	484	65	540/573.5 (MCS11)	19.50	19.47	22.50	30.00	-7.50	5.28	27.78	-	-
	5795	159	CDD	AVG	484	65	540/573.5 (MCS11)	19.50	19.49	22.51	30.00	-7.49	5.28	27.79	-	-

Table 7-102. ISED CDD/SDM Diversity 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 5T	Antenna 1b	Summed						
	5210	42	CDD	AVG	996	67	1134/1201 (MCS11)	12.00	11.95	14.99	-	-	4.64	19.62	22.66	-3.04
	5290	58	CDD	AVG	996	67	1134/1201 (MCS11)	12.00	11.84	14.93	23.60	-8.66	5.30	20.23	29.60	-9.37
	5530	106	CDD	AVG	996	67	1134/1201 (MCS11)	11.49	11.37	14.44	23.62	-9.18	5.32	19.76	29.62	-9.86
	5690	138	CDD	AVG	996	67	1134/1201 (MCS11)	20.00	20.00	23.01	23.62	-0.61	5.32	28.33	29.62	-1.29
	5775	155	CDD	AVG	996	67	1134/1201 (MCS11)	17.00	16.97	20.00	30.00	-10.00	5.28	25.28	-	-

Table 7-103. ISED CDD Diversity 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

FCC ID: BCGA2568 IC: 579C-A2568		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 102 of 397

Note:

Per ANSI C63.10-2013 and KDB 662911 v02r01 Section E1), the conducted powers at Antenna 5T and Antenna 3b were first measured separately during CDD/SDM transmission as shown in the section above. The measured values were then summed in linear power units then converted back to dBm.

Per ANSI C63.10-2013 Section 14.4.3, the correlated directional gain is calculated using the following formula, where G_N is the gain of the nth antenna and N_{ANT} , the total number of antennas used.

$$\text{Directional gain} = 10 \log[(10^{G_1/20} + 10^{G_2/20} + \dots + 10^{G_N/20})^2 / N_{ANT}] \text{ dBi}$$

Per ANSI C63.10-2013 Section 14.4.3, the uncorrelated directional gain is calculated using the following formula, where G_N is the gain of the nth antenna and N_{ANT} , the total number of antennas used.

$$\text{Directional gain} = 10 \log[(10^{G_1/10} + 10^{G_2/10} + \dots + 10^{G_N/10}) / N_{ANT}] \text{ dBi}$$

Sample CDD/SDM Calculation:

At 5180MHz in 802.11ax (20MHz BW) mode, the average conducted output power was measured to be 3.49 dBm for Antenna-5T and 3.25 dBm for Antenna-3b.

$$\text{Antenna 5T} + \text{Antenna 3b} = \text{CDD/SDM}$$

$$(3.49 \text{ dBm} + 3.25 \text{ dBm}) = (2.23 \text{ mW} + 2.11 \text{ mW}) = 4.34 \text{ mW} = 6.38 \text{ dBm}$$

Sample e.i.r.p. Calculation:

At 5180MHz in 802.11ax (20MHz BW) mode, the average conducted power was calculated to be 6.38 dBm with directional gain of 3.06 dBi.

$$\text{e.i.r.p. (dBm)} = \text{Conducted Power (dBm)} + \text{Ant gain (dBi)}$$

$$6.38 \text{ dBm} + 3.06 \text{ dBi} = \text{#VALUE! } 9.44 \text{ dBm}$$

FCC ID: BCGA2568 IC: 579C-A2568	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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7.5 Maximum Power Spectral Density – 802.11ax OFDMA

§15.407(a.1.iv) §15.407(a.2) §15.407(a.3); RSS-247 [6.2]

Test Overview and Limit

The spectrum analyzer was connected to the antenna terminal while the EUT was operating at its maximum duty cycle, at its maximum power control level, as defined in ANSI C63.10-2013 and KDB 789033 D02 v02r01, and at the appropriate frequencies. Method SA-1, as defined in ANSI C63.10-2013 and KDB 789033 D02 v02r01, was used to measure the power spectral density.

In the 5.15 – 5.25GHz, 5.25 – 5.35GHz, 5.47 – 5.725GHz bands, the maximum permissible power spectral density is 11dBm/MHz.

In the 5.725 – 5.850GHz band, the maximum permissible power spectral density is 30dBm/500kHz.

Test Procedure Used

ANSI C63.10-2013 – Section 12.3.2.2

KDB 789033 D02 v02r01 – Section F

ANSI C63.10-2013 – Section 14.3.2.2 Measure-and-Sum Technique

KDB 662911 v02r01 – Section E)2) Measure-and-Sum Technique

Test Settings

1. Analyzer was set to the center frequency of the UNII channel under investigation
2. Span was set to encompass the entire emission bandwidth of the signal
3. RBW = 1MHz
4. VBW = 3MHz
5. Number of sweep points $\geq 2 \times (\text{span/RBW})$
6. Sweep time = auto
7. Detector = power averaging (RMS)
8. Trigger was set to free run for all modes
9. Trace was averaged over 100 sweeps
10. The peak search function of the spectrum analyzer was used to find the peak of the spectrum.

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.



Figure 7-4. Test Instrument & Measurement Setup

Test Notes

1. All of the partially-loaded RU configurations have been investigated for Power Spectral Density measurement and among all partially-loaded RU configurations, the RU26 configuration was found to be the worst case. Therefore, only the RU26 (Partially-loaded RU) and RU242 (Fully-loaded RU) data are included in this section.
2. Low, mid, and high channels were tested and tabular data has been reported. Only mid channel psd plots have been reported.

FCC ID: BCGA2568 IC: 579C-A2568	 PCTEST Proud to be part of  element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Antenna 5T Power Spectral Density Measurements

	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	ax (20MHz)	26	0	135/143.4 (MCS11)	8.74	11.0	-2.26
				26	4	135/143.4 (MCS11)	9.53	11.0	-1.47
				26	8	135/143.4 (MCS11)	9.46	11.0	-1.54
	5200	40	ax (20MHz)	26	0	135/143.4 (MCS11)	9.53	11.0	-1.47
				26	4	135/143.4 (MCS11)	9.16	11.0	-1.84
				26	8	135/143.4 (MCS11)	9.76	11.0	-1.24
	5240	48	ax (20MHz)	26	0	135/143.4 (MCS11)	9.91	11.0	-1.09
				26	4	135/143.4 (MCS11)	9.03	11.0	-1.97
				26	8	135/143.4 (MCS11)	9.80	11.0	-1.20
	5190	38	ax (40MHz)	26	0	271/286.8 (MCS11)	8.77	11.0	-2.23
				26	8	271/286.8 (MCS11)	10.20	11.0	-0.80
				26	17	271/286.8 (MCS11)	10.12	11.0	-0.88
	5230	46	ax (40MHz)	26	0	271/286.8 (MCS11)	9.21	11.0	-1.79
				26	8	271/286.8 (MCS11)	10.04	11.0	-0.96
				26	17	271/286.8 (MCS11)	10.03	11.0	-0.98
	5210	42	ax (80MHz)	26	0	567/600.5 (MCS11)	8.40	11.0	-2.60
				26	18	567/600.5 (MCS11)	7.65	11.0	-3.35
				26	36	567/600.5 (MCS11)	8.65	11.0	-2.35
Band 2A	5260	52	ax (20MHz)	26	0	135/143.4 (MCS11)	10.50	11.0	-0.51
				26	4	135/143.4 (MCS11)	9.75	11.0	-1.25
				26	8	135/143.4 (MCS11)	9.26	11.0	-1.74
	5280	56	ax (20MHz)	26	0	135/143.4 (MCS11)	9.64	11.0	-1.36
				26	4	135/143.4 (MCS11)	9.20	11.0	-1.80
				26	8	135/143.4 (MCS11)	9.50	11.0	-1.50
	5320	64	ax (20MHz)	26	0	135/143.4 (MCS11)	9.73	11.0	-1.27
				26	4	135/143.4 (MCS11)	8.91	11.0	-2.09
				26	8	135/143.4 (MCS11)	9.25	11.0	-1.75
	5270	54	ax (40MHz)	26	0	271/286.8 (MCS11)	10.31	11.0	-0.69
				26	8	271/286.8 (MCS11)	9.90	11.0	-1.10
				26	17	271/286.8 (MCS11)	9.39	11.0	-1.61
	5310	62	ax (40MHz)	26	0	271/286.8 (MCS11)	9.30	11.0	-1.71
				26	8	271/286.8 (MCS11)	10.25	11.0	-0.76
				26	17	271/286.8 (MCS11)	9.91	11.0	-1.09
	5290	58	ax (80MHz)	26	0	567/600.5 (MCS11)	9.58	11.0	-1.42
				26	18	567/600.5 (MCS11)	7.94	11.0	-3.06
				26	36	567/600.5 (MCS11)	7.82	11.0	-3.19
Band 2C	5500	100	ax (20MHz)	26	0	135/143.4 (MCS11)	10.45	11.0	-0.55
				26	4	135/143.4 (MCS11)	9.61	11.0	-1.39
				26	8	135/143.4 (MCS11)	9.74	11.0	-1.26
	5580	116	ax (20MHz)	26	0	135/143.4 (MCS11)	8.85	11.0	-2.15
				26	4	135/143.4 (MCS11)	8.64	11.0	-2.36
				26	8	135/143.4 (MCS11)	9.38	11.0	-1.62
	5720	144	ax (20MHz)	26	0	135/143.4 (MCS11)	10.16	11.0	-0.84
				26	4	135/143.4 (MCS11)	9.83	11.0	-1.17
				26	8	135/143.4 (MCS11)	10.48	11.0	-0.52
	5510	102	ax (40MHz)	26	0	271/286.8 (MCS11)	10.23	11.0	-0.78
				26	8	271/286.8 (MCS11)	10.33	11.0	-0.68
				26	17	271/286.8 (MCS11)	9.55	11.0	-1.45
	5550	110	ax (40MHz)	26	0	271/286.8 (MCS11)	9.47	11.0	-1.53
				26	8	271/286.8 (MCS11)	10.07	11.0	-0.93
				26	17	271/286.8 (MCS11)	9.87	11.0	-1.13
	5710	142	ax (40MHz)	26	0	271/286.8 (MCS11)	8.85	11.0	-2.16
				26	8	271/286.8 (MCS11)	9.90	11.0	-1.11
				26	17	271/286.8 (MCS11)	9.88	11.0	-1.12
	5530	106	ax (80MHz)	26	0	567/600.5 (MCS11)	7.74	11.0	-3.26
				26	18	567/600.5 (MCS11)	6.85	11.0	-4.15
				26	36	567/600.5 (MCS11)	8.05	11.0	-2.95
	*5610	122	ax (80MHz)	26	0	567/600.5 (MCS11)	8.47	11.0	-2.53
				26	18	567/600.5 (MCS11)	6.72	11.0	-4.28
				26	36	567/600.5 (MCS11)	8.40	11.0	-2.60
	5690	138	ax (80MHz)	26	0	567/600.5 (MCS11)	8.44	11.0	-2.56
				26	18	567/600.5 (MCS11)	9.06	11.0	-1.94
				26	36	567/600.5 (MCS11)	9.83	11.0	-1.17

Table 7-104. Bands 1, 2A, 2C Power Spectral Density Measurements Antenna 5T (RU26)

*TDWR channel is not supported for ISSED (denoted by a * next to the frequency)

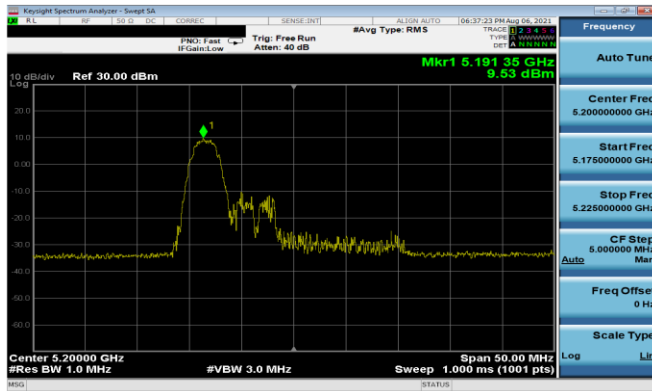
FCC ID: BCGA2568 IC: 579C-A2568		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 105 of 397

	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	ax (20MHz)	242	61	135/143.4 (MCS11)	4.72	11.0	-6.28
	5200	40	ax (20MHz)	242	61	135/143.4 (MCS11)	9.03	11.0	-1.97
	5240	48	ax (20MHz)	242	61	135/143.4 (MCS11)	9.06	11.0	-1.94
	5190	38	ax (40MHz)	484	65	271/286.8 (MCS11)	-2.37	11.0	-13.37
	5230	46	ax (40MHz)	484	65	271/286.8 (MCS11)	4.18	11.0	-6.82
	5210	42	ax (80MHz)	996	67	567/600.5 (MCS11)	-4.18	11.0	-15.18
Band 2A	5260	52	ax (20MHz)	242	61	135/143.4 (MCS11)	8.85	11.0	-2.15
	5280	56	ax (20MHz)	242	61	135/143.4 (MCS11)	9.07	11.0	-1.93
	5320	64	ax (20MHz)	242	61	135/143.4 (MCS11)	5.61	11.0	-5.39
	5270	54	ax (40MHz)	484	65	271/286.8 (MCS11)	3.31	11.0	-7.69
	5310	62	ax (40MHz)	484	65	271/286.8 (MCS11)	-2.52	11.0	-13.52
	5290	58	ax (80MHz)	996	67	567/600.5 (MCS11)	-4.47	11.0	-15.47
Band 2C	5500	100	ax (20MHz)	242	61	135/143.4 (MCS11)	4.02	11.0	-6.98
	5580	116	ax (20MHz)	242	61	135/143.4 (MCS11)	9.03	11.0	-1.97
	5720	144	ax (20MHz)	242	61	135/143.4 (MCS11)	9.43	11.0	-1.57
	5510	102	ax (40MHz)	484	65	271/286.8 (MCS11)	-2.08	11.0	-13.08
	5550	110	ax (40MHz)	484	65	271/286.8 (MCS11)	3.54	11.0	-7.46
	*5590	118	ax (40MHz)	484	65	271/286.8 (MCS11)	4.29	11.0	-6.71
	5710	142	ax (40MHz)	484	65	271/286.8 (MCS11)	5.62	11.0	-5.38
	5530	106	ax (80MHz)	996	67	567/600.5 (MCS11)	-4.91	11.0	-15.91
	*5610	122	ax (80MHz)	996	67	567/600.5 (MCS11)	-2.00	11.0	-13.00
	5690	138	ax (80MHz)	996	67	567/600.5 (MCS11)	3.41	11.0	-7.59

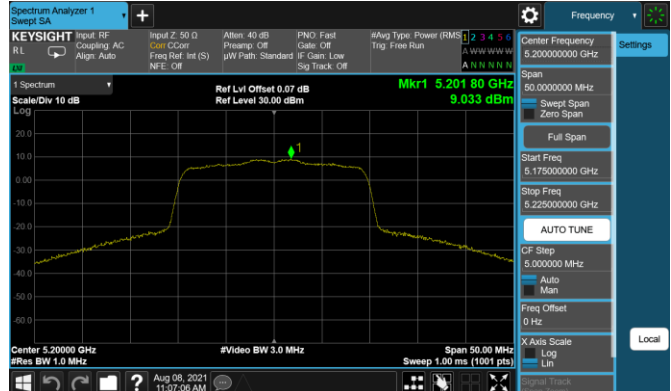
Table 7-105. Bands 1, 2A, 2C Power Spectral Density Measurements Antenna 5T (Fully-loaded RU)

*TDWR channel is not supported for ISSED (denoted by a * next to the frequency)

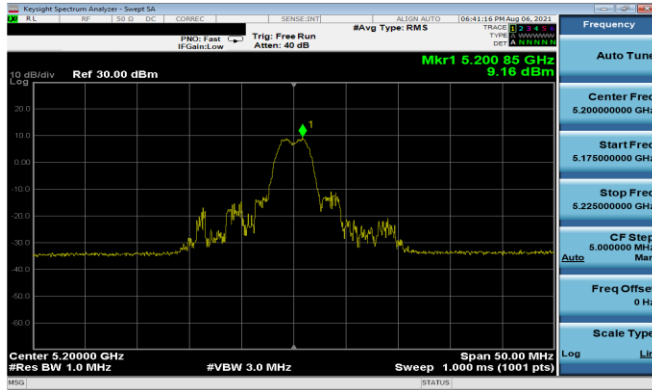
FCC ID: BCGA2568 IC: 579C-A2568	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 106 of 397



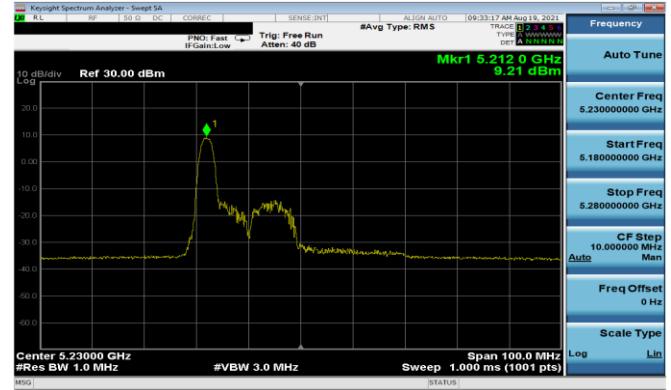
Plot 7-145. PSD Antenna 5T (20MHz BW 11ax Index 0 – RU26 – Ch.40)



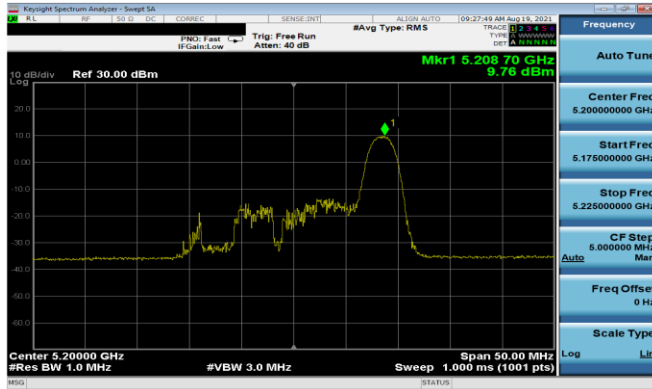
Plot 7-148. PSD Antenna 5T (20MHz BW 11ax– RU242 – Ch.40)



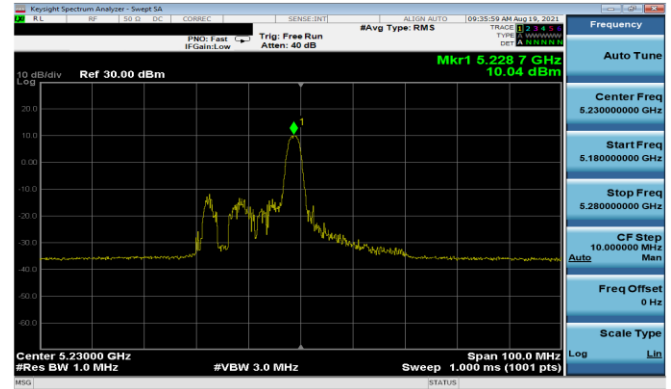
Plot 7-146. PSD Antenna 5T (20MHz BW 11ax Index 4 – RU26 – Ch.40)



Plot 7-149. PSD Antenna 5T (40MHz BW 11ax Index 0 – RU26 – Ch.46)

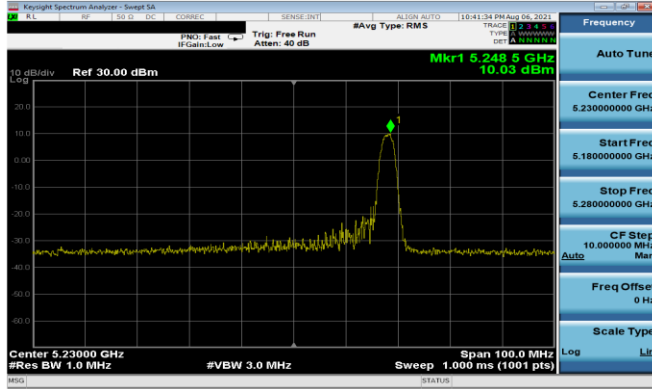


Plot 7-147. PSD Antenna 5T (20MHz BW 11ax Index 8– RU26 – Ch.40)

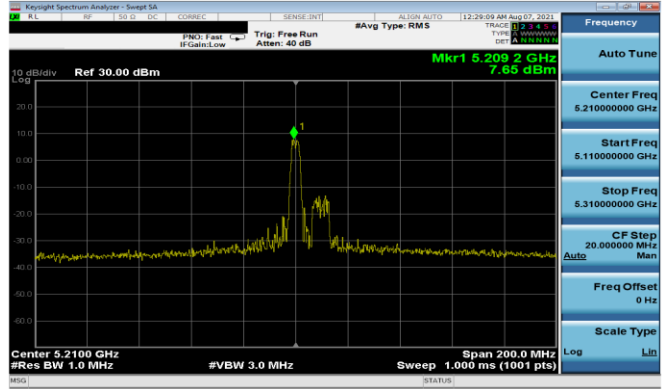


Plot 7-150. PSD Antenna 5T (40MHz BW 11ax Index 8 – RU26 – Ch.46)

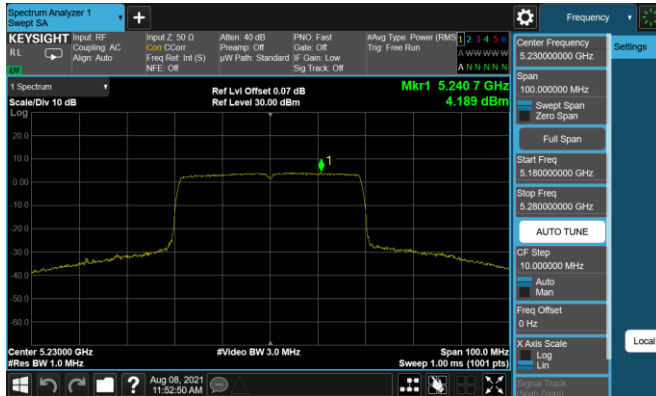
FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 107 of 397



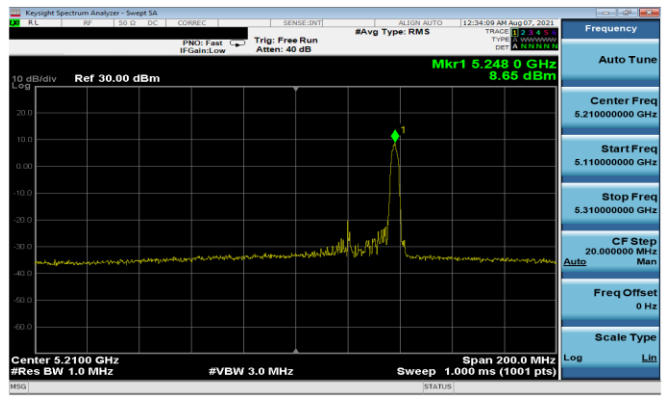
Plot 7-151. PSD Antenna 5T (40MHz BW 11ax Index 17 – RU26 – Ch.46)



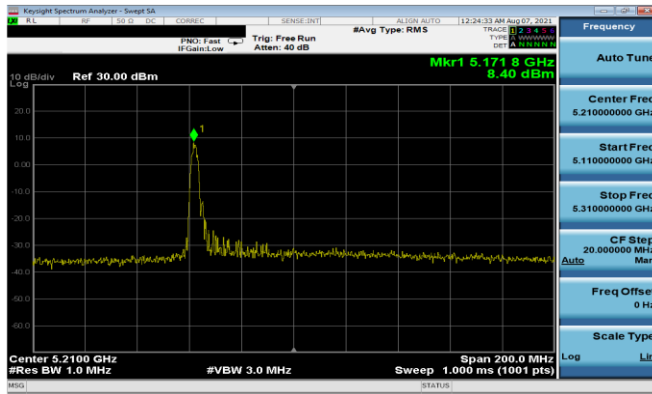
Plot 7-154. PSD Antenna 5T (80MHz BW 11ax Index 18 – RU26 – Ch.42)



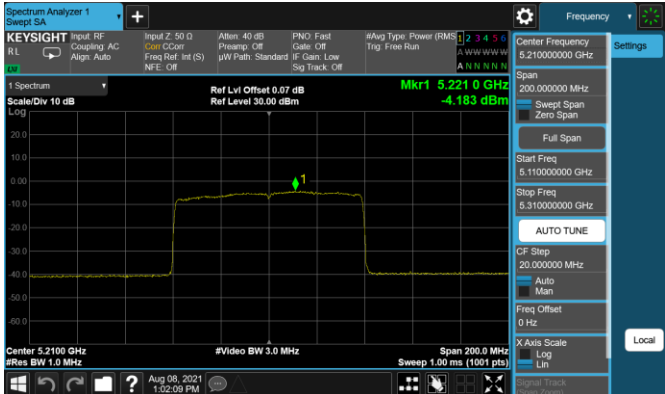
Plot 7-152. PSD Antenna 5T (40MHz BW 11ax – RU484 – Ch.46)



Plot 7-155. PSD Antenna 5T (80MHz BW 11ax Index 36 – RU26 – Ch.42)

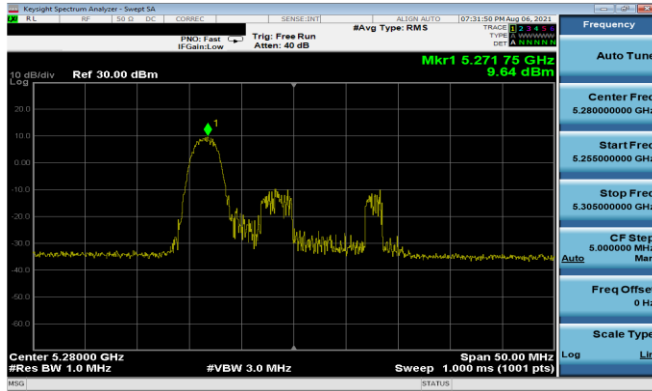


Plot 7-153. PSD Antenna 5T (80MHz BW 11ax Index 0 – RU26 – Ch.42)

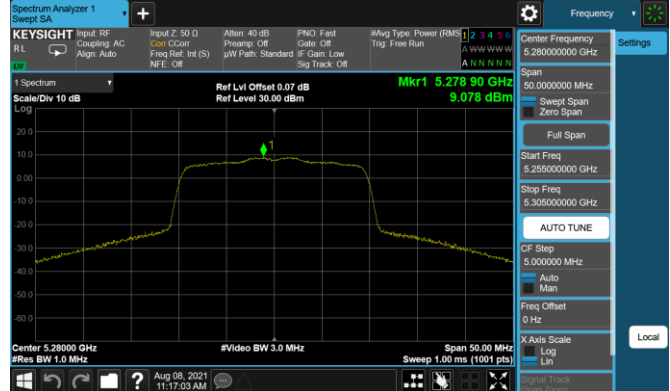


Plot 7-156. PSD Antenna 5T (80MHz BW 11ax – RU996 – Ch.42)

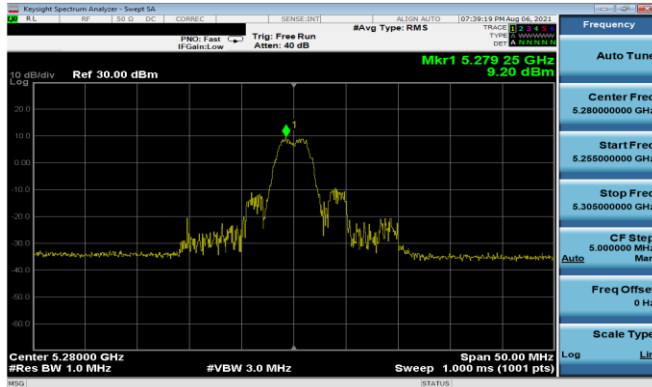
FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 108 of 397



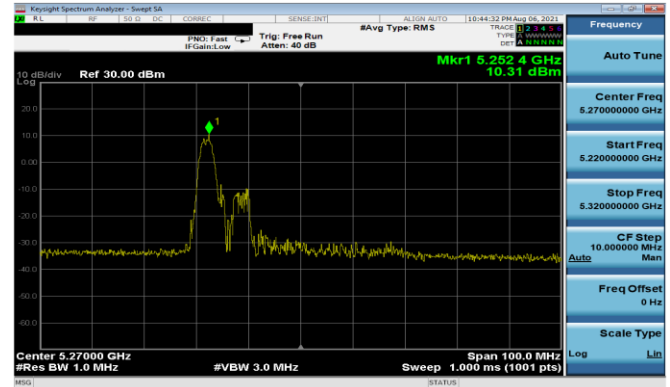
Plot 7-157. PSD Antenna 5T (20MHz BW 11ax Index 0 - RU26 - Ch.56)



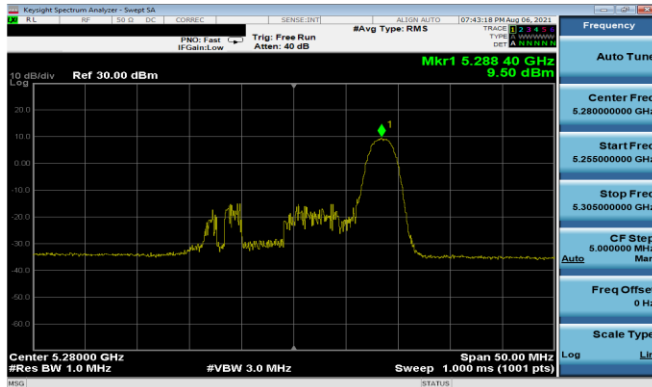
Plot 7-160. PSD Antenna 5T (20MHz BW 11ax- RU242 - Ch.56)



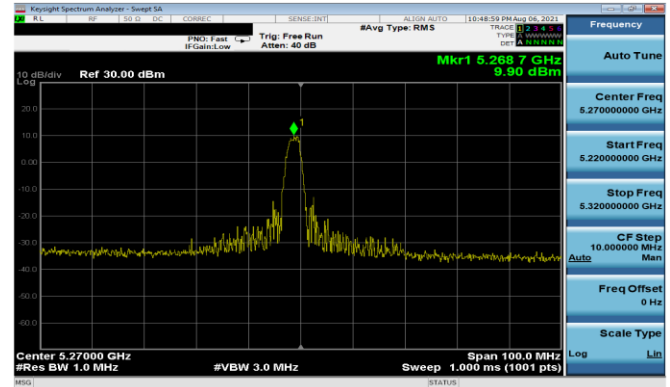
Plot 7-158. PSD Antenna 5T (20MHz BW 11ax Index 4 - RU26 - Ch.56)



Plot 7-161. PSD Antenna 5T (40MHz BW 11ax Index 0 - RU26 - Ch.54)

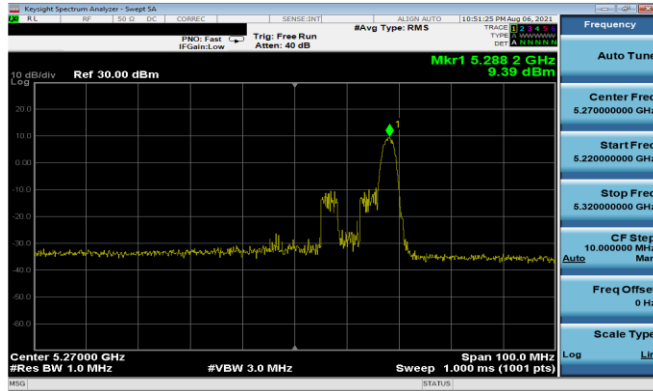


Plot 7-159. PSD Antenna 5T (20MHz BW 11ax Index 8- RU26 - Ch.56)

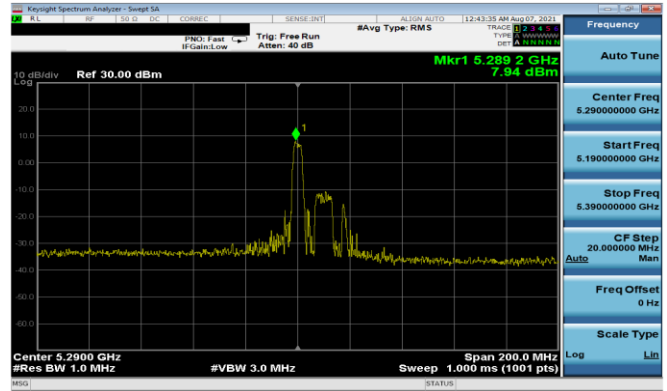


Plot 7-162. PSD Antenna 5T (40MHz BW 11ax Index 8 - RU26 - Ch.54)

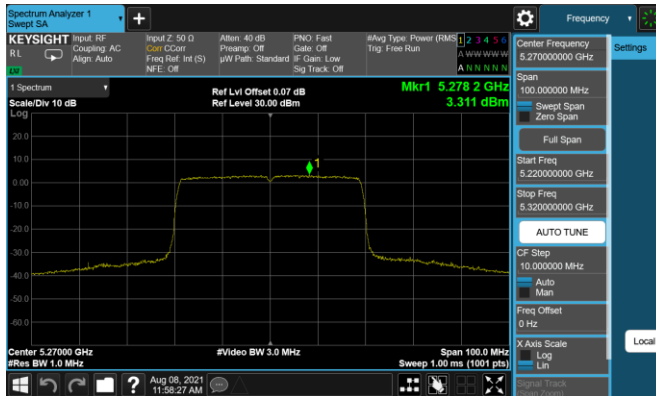
FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 109 of 397



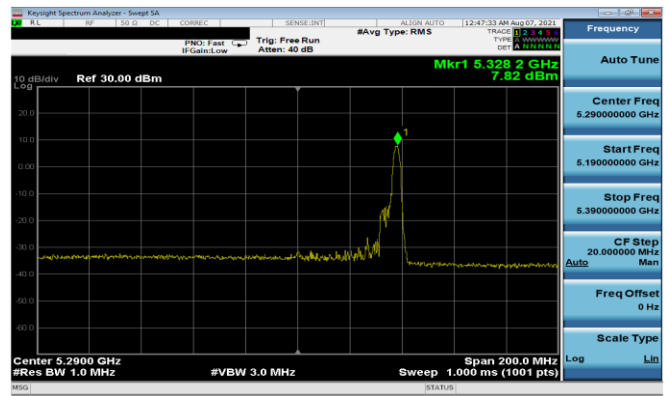
Plot 7-163. PSD Antenna 5T (40MHz BW 11ax Index 17 - RU26 - Ch.54)



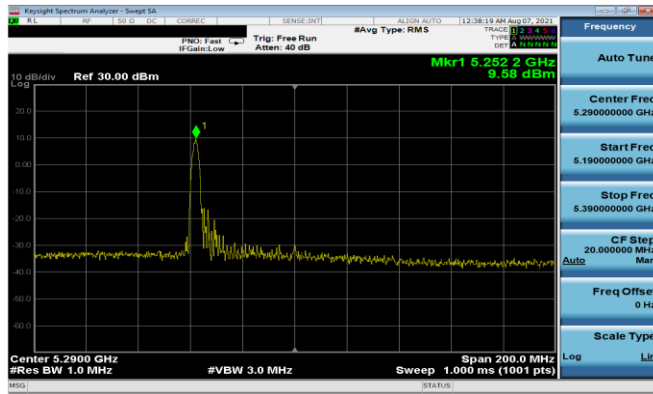
Plot 7-166. PSD Antenna 5T (80MHz BW 11ax Index 18 - RU26 - Ch.58)



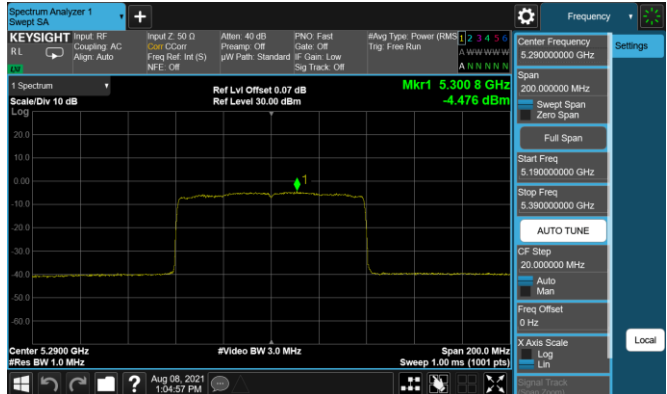
Plot 7-164. PSD Antenna 5T (40MHz BW 11ax - RU484 - Ch.54)



Plot 7-167. PSD Antenna 5T (80MHz BW 11ax Index 36 - RU26 - Ch.58)

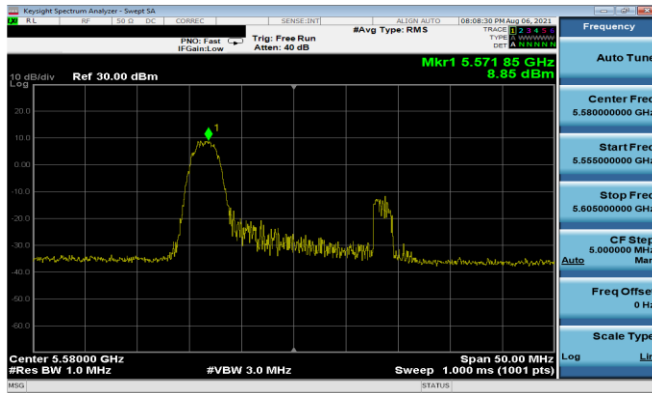


Plot 7-165. PSD Antenna 5T (80MHz BW 11ax Index 0 - RU26 - Ch.58)

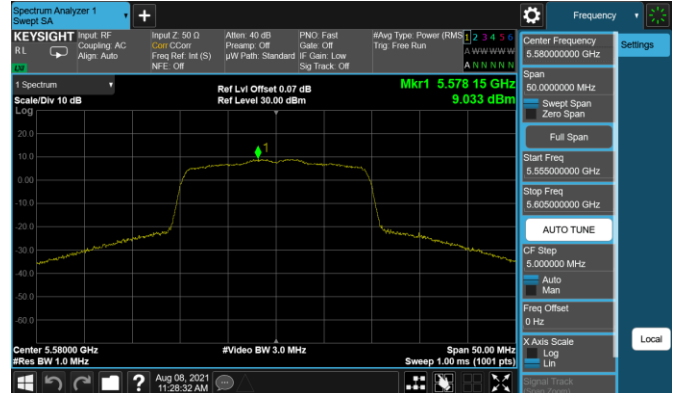


Plot 7-168. PSD Antenna 5T (80MHz BW 11ax - RU996 - Ch.58)

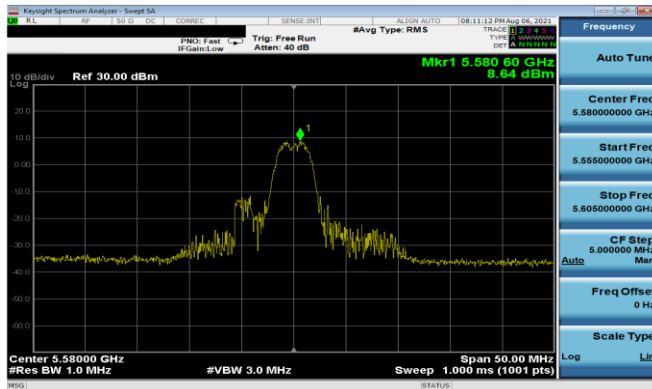
FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 110 of 397



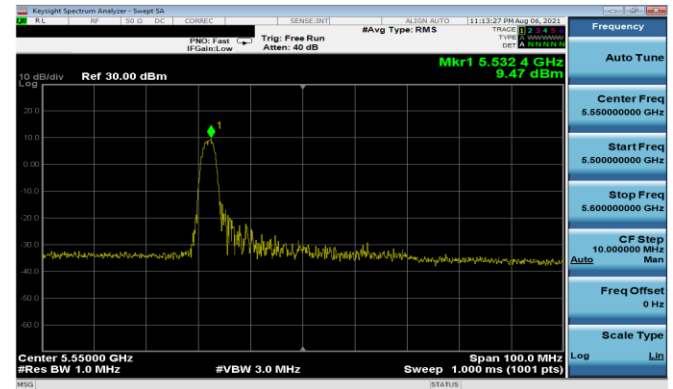
Plot 7-169. PSD Antenna 5T (20MHz BW 11ax Index 0 – RU26 – Ch.116)



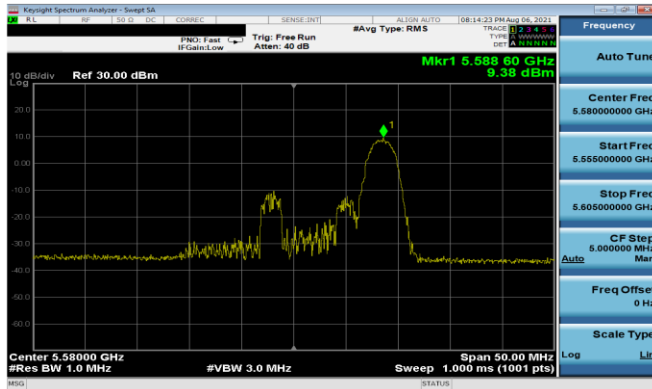
Plot 7-172. PSD Antenna 5T (20MHz BW 11ax– RU242 – Ch.116)



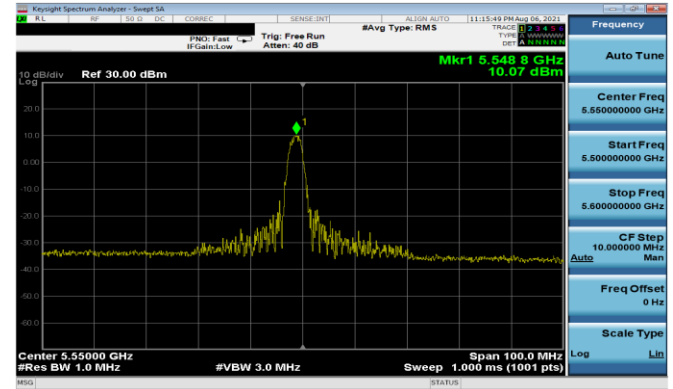
Plot 7-170. PSD Antenna 5T (20MHz BW 11ax Index 4 – RU26 – Ch.116)



Plot 7-173. PSD Antenna 5T (40MHz BW 11ax Index 0 – RU26 – Ch.110)

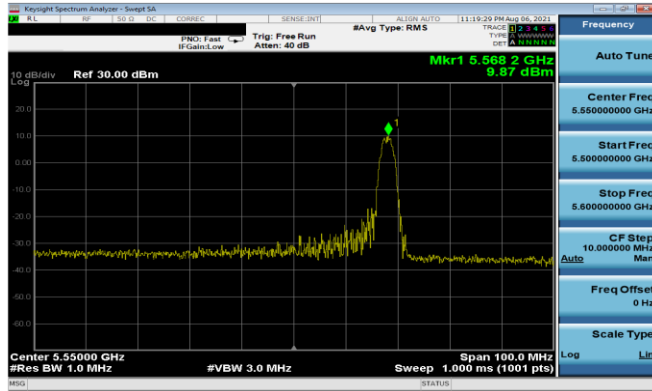


Plot 7-171. PSD Antenna 5T (20MHz BW 11ax Index 8– RU26 – Ch.116)

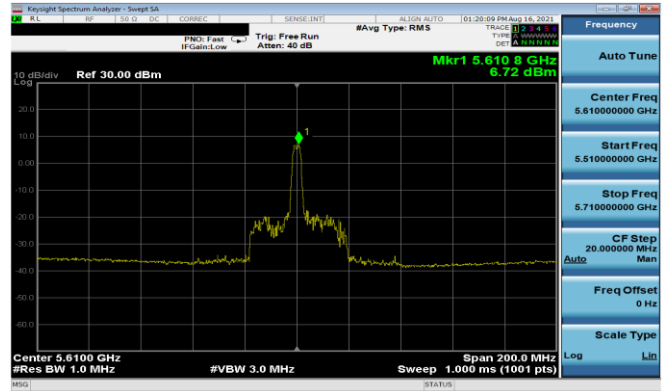


Plot 7-174. PSD Antenna 5T (40MHz BW 11ax Index 8 – RU26 – Ch.110)

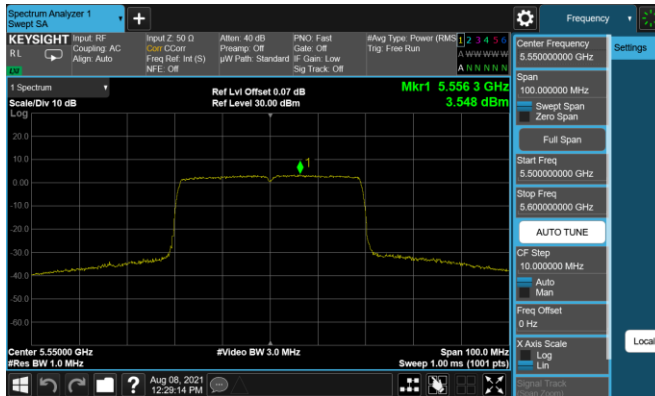
FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 111 of 397



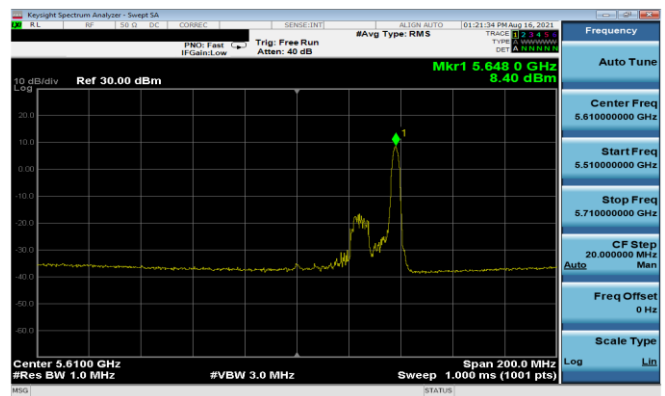
Plot 7-175. PSD Antenna 5T (40MHz BW 11ax Index 17 – RU26 – Ch.110)



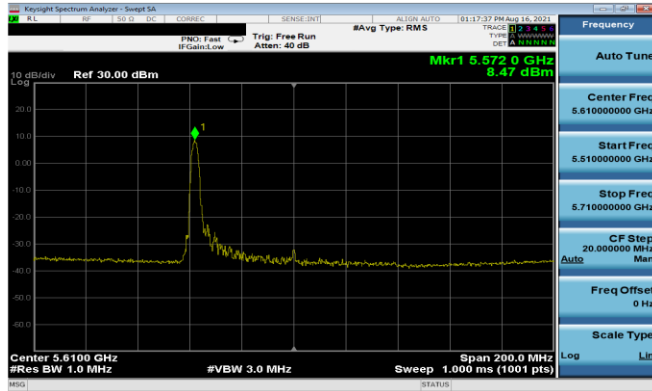
Plot 7-178. PSD Antenna 5T (80MHz BW 11ax Index 18 – RU26 – Ch.122)



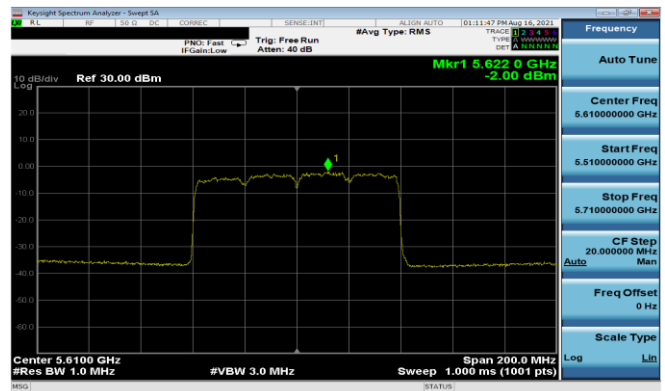
Plot 7-176. PSD Antenna 5T (40MHz BW 11ax – RU484 – Ch.110)



Plot 7-179. PSD Antenna 5T (80MHz BW 11ax Index 36 – RU26 – Ch.122)



Plot 7-177. PSD Antenna 5T (80MHz BW 11ax Index 0 – RU26 – Ch.122)



Plot 7-180. PSD Antenna 5T (80MHz BW 11ax – RU996 – Ch.122)

FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 112 of 397

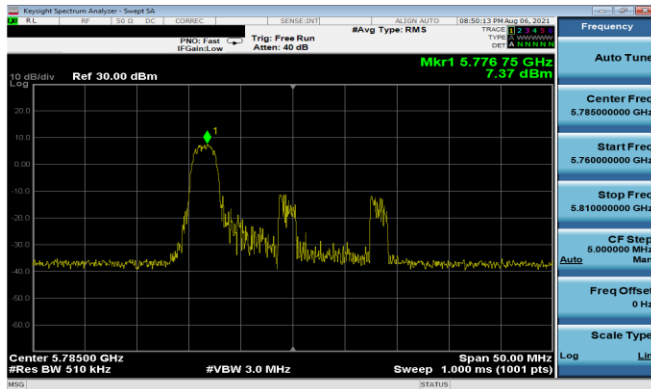
	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	ax (20MHz)	26	0	135/143.4 (MCS11)	7.04	30.00	-22.96
				26	4	135/143.4 (MCS11)	7.53	30.00	-22.47
				26	8	135/143.4 (MCS11)	7.27	30.00	-22.73
	5785	157	ax (20MHz)	26	0	135/143.4 (MCS11)	7.37	30.00	-22.63
				26	4	135/143.4 (MCS11)	7.80	30.00	-22.20
				26	8	135/143.4 (MCS11)	7.80	30.00	-22.20
	5825	165	ax (20MHz)	26	0	135/143.4 (MCS11)	5.96	30.00	-24.04
				26	4	135/143.4 (MCS11)	6.76	30.00	-23.24
				26	8	135/143.4 (MCS11)	6.76	30.00	-23.24
	5755	151	ax (40MHz)	26	0	271/286.8 (MCS11)	7.37	30.00	-22.63
				26	8	271/286.8 (MCS11)	6.78	30.00	-23.22
				26	17	271/286.8 (MCS11)	6.80	30.00	-23.20
	5795	159	ax (40MHz)	26	0	271/286.8 (MCS11)	7.73	30.00	-22.27
				26	8	271/286.8 (MCS11)	6.65	30.00	-23.35
				26	17	271/286.8 (MCS11)	6.57	30.00	-23.44
	5775	155	ax (80MHz)	26	0	567/600.5 (MCS11)	7.70	30.00	-22.30
				26	18	567/600.5 (MCS11)	6.72	30.00	-23.28
				26	36	567/600.5 (MCS11)	5.98	30.00	-24.02

Table 7-106. Band 3 Power Spectral Density Measurements Antenna 5T (RU26)

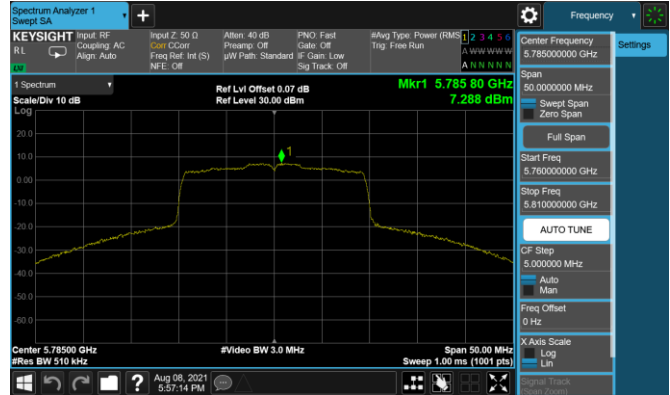
	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	ax (20MHz)	242	61	135/143.4 (MCS11)	7.01	30.00	-22.99
	5785	157	ax (20MHz)	242	61	135/143.4 (MCS11)	7.28	30.00	-22.72
	5825	165	ax (20MHz)	242	61	135/143.4 (MCS11)	6.78	30.00	-23.22
	5755	151	ax (40MHz)	484	65	271/286.8 (MCS11)	2.17	30.00	-27.83
	5795	159	ax (40MHz)	484	65	271/286.8 (MCS11)	2.15	30.00	-27.85
	5775	155	ax (80MHz)	996	67	567/600.5 (MCS11)	-2.15	30.00	-32.15

Table 7-107. Band 3 Power Spectral Density Measurements Antenna 5T (Fully-loaded RU)

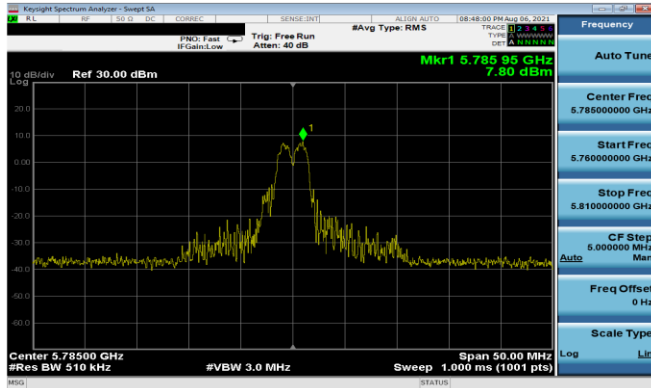
FCC ID: BCGA2568 IC: 579C-A2568	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 113 of 397



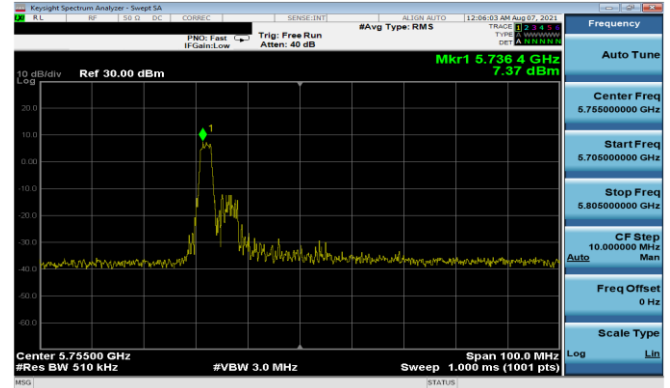
Plot 7-181. PSD Antenna 5T (20MHz BW 11ax Index 0 – RU26 – Ch.157)



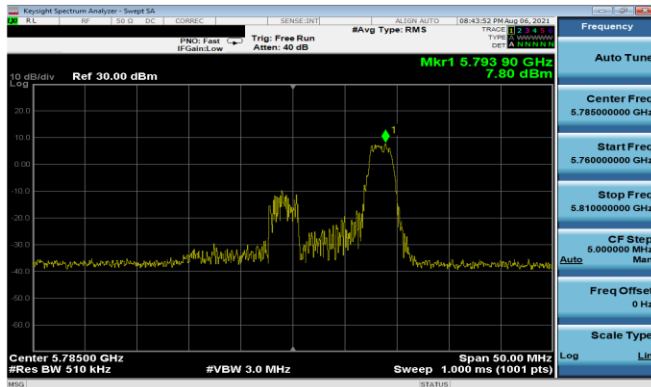
Plot 7-184. PSD Antenna 5T (20MHz BW 11ax– RU242 – Ch.157)



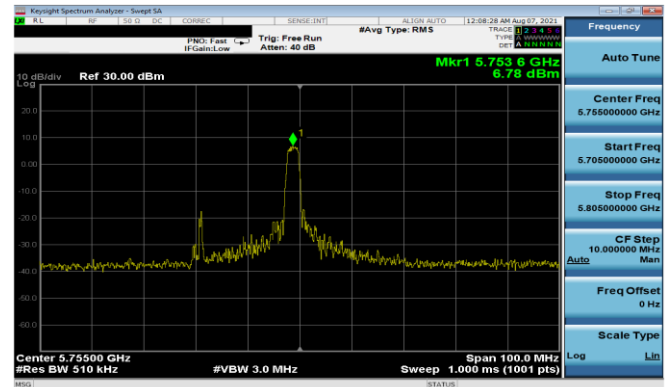
Plot 7-182. PSD Antenna 5T (20MHz BW 11ax Index 4 – RU26 – Ch.157)



Plot 7-185. PSD Antenna 5T (40MHz BW 11ax Index 0 – RU26 – Ch.151)

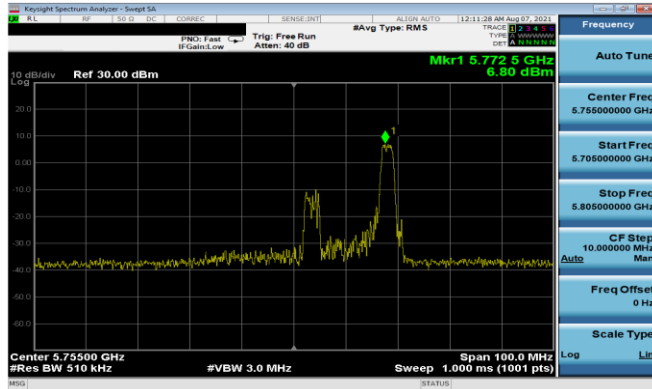


Plot 7-183. PSD Antenna 5T (20MHz BW 11ax Index 8– RU26 – Ch.157)

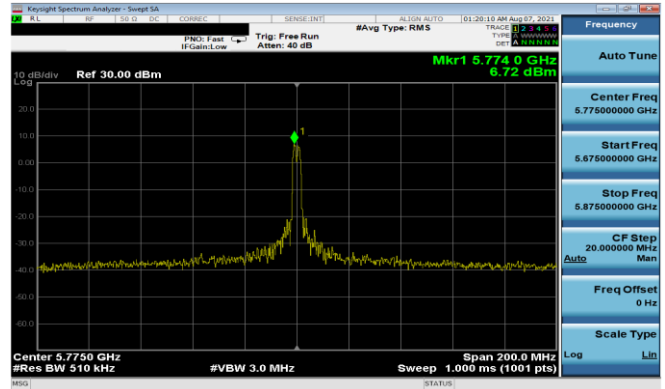


Plot 7-186. PSD Antenna 5T (40MHz BW 11ax Index 8 – RU26 – Ch.151)

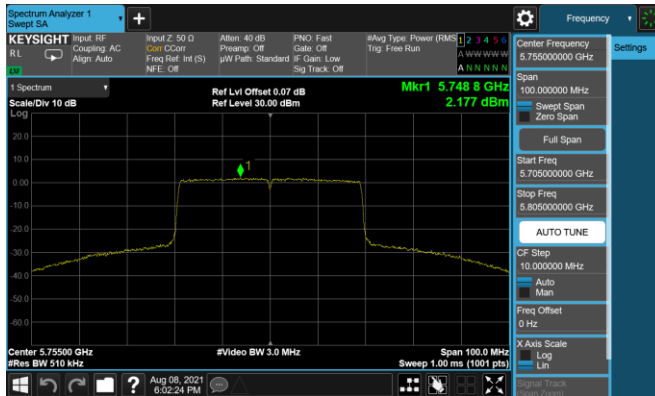
FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 114 of 397



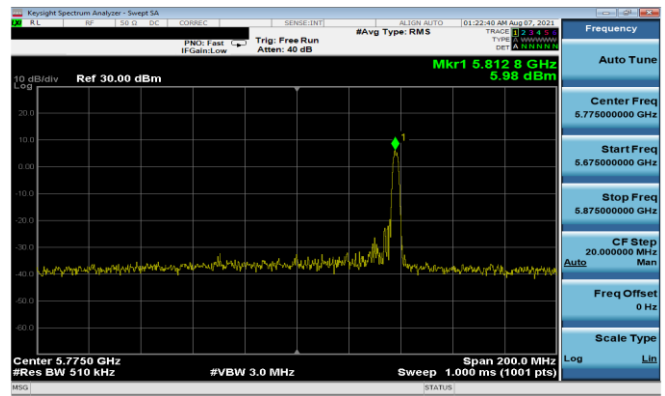
Plot 7-187. PSD Antenna 5T (40MHz BW 11ax Index 17 - RU26 - Ch.151)



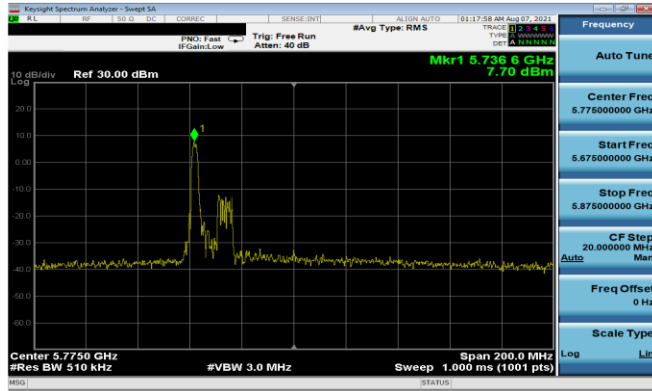
Plot 7-190. PSD Antenna 5T (80MHz BW 11ax Index 18 - RU26 - Ch.155)



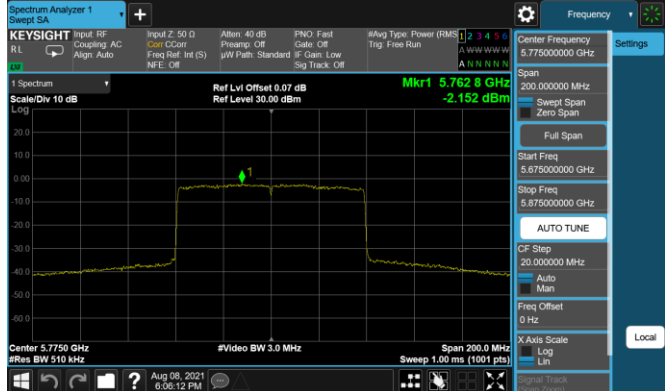
Plot 7-188. PSD Antenna 5T (40MHz BW 11ax - RU484 - Ch.151)



Plot 7-191. PSD Antenna 5T (80MHz BW 11ax Index 36 - RU26 - Ch.155)



Plot 7-189. PSD Antenna 5T (80MHz BW 11ax Index 0 - RU26 - Ch.155)



Plot 7-192. PSD Antenna 5T (80MHz BW 11ax - RU996 - Ch.155)

FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 115 of 397

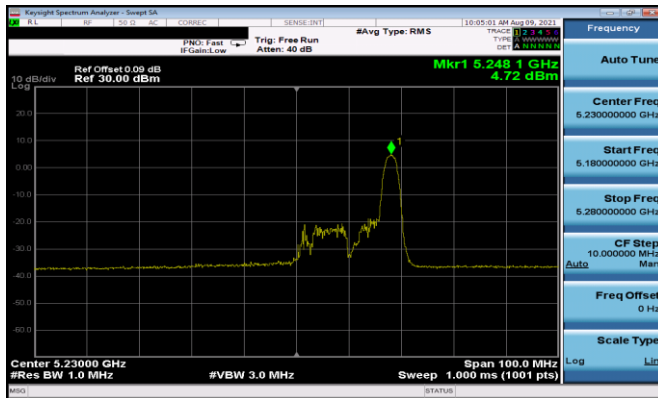
	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	ax (20MHz)	26	0	135/143.4 (MCS11)	3.61	2.70	6.31	10.0	-3.69
				26	4	135/143.4 (MCS11)	4.28	2.70	6.98	10.0	-3.02
				26	8	135/143.4 (MCS11)	5.12	2.70	7.82	10.0	-2.18
	5200	40	ax (20MHz)	26	0	135/143.4 (MCS11)	4.97	2.70	7.67	10.0	-2.33
				26	4	135/143.4 (MCS11)	4.64	2.70	7.34	10.0	-2.66
				26	8	135/143.4 (MCS11)	5.18	2.70	7.88	10.0	-2.12
	5240	48	ax (20MHz)	26	0	135/143.4 (MCS11)	4.88	2.70	7.58	10.0	-2.42
				26	4	135/143.4 (MCS11)	4.47	2.70	7.17	10.0	-2.83
				26	8	135/143.4 (MCS11)	5.07	2.70	7.77	10.0	-2.23
	5190	38	ax (40MHz)	26	0	271/286.8 (MCS11)	4.61	2.70	7.31	10.0	-2.70
				26	8	271/286.8 (MCS11)	5.73	2.70	8.43	10.0	-1.57
				26	17	271/286.8 (MCS11)	5.14	2.70	7.84	10.0	-2.16
	5230	46	ax (40MHz)	26	0	271/286.8 (MCS11)	4.54	2.70	7.24	10.0	-2.76
				26	8	271/286.8 (MCS11)	5.72	2.70	8.42	10.0	-1.58
				26	17	271/286.8 (MCS11)	4.72	2.70	7.42	10.0	-2.58
	5210	42	ax (80MHz)	26	0	567/600.5 (MCS11)	4.47	2.70	7.17	10.0	-2.83
				26	18	567/600.5 (MCS11)	4.44	2.70	7.14	10.0	-2.86
				26	36	567/600.5 (MCS11)	4.96	2.70	7.66	10.0	-2.34

Table 7-108. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 5T (RU26)

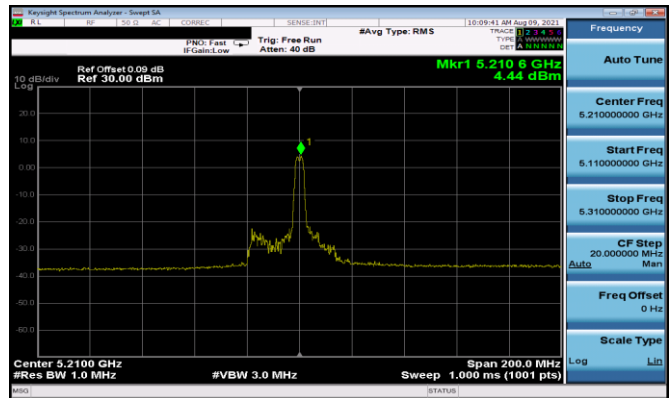
	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	ax (20MHz)	242	61	135/143.4 (MCS11)	5.40	2.70	8.10	10.0	-1.90
	5200	40	ax (20MHz)	242	61	135/143.4 (MCS11)	5.57	2.70	8.27	10.0	-1.73
	5240	48	ax (20MHz)	242	61	135/143.4 (MCS11)	5.41	2.70	8.11	10.0	-1.89
	5190	38	ax (40MHz)	484	65	271/286.8 (MCS11)	0.09	2.70	2.79	10.0	-7.21
	5230	46	ax (40MHz)	484	65	271/286.8 (MCS11)	4.62	2.70	7.32	10.0	-2.68
	5210	42	ax (80MHz)	996	67	567/600.5 (MCS11)	-3.22	2.70	-0.52	10.0	-10.52

Table 7-109. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 5T (Fully-loaded RU)

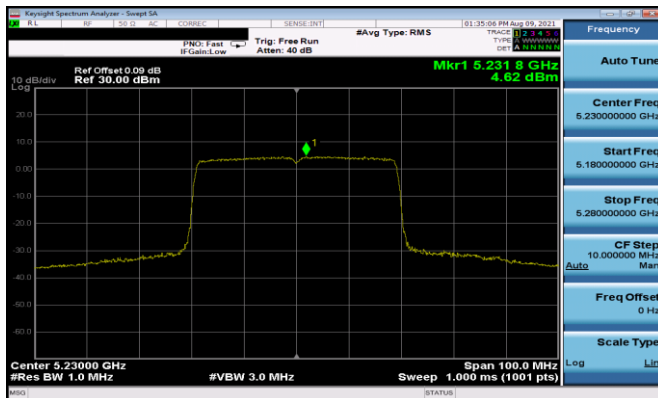
FCC ID: BCGA2568 IC: 579C-A2568	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 116 of 397



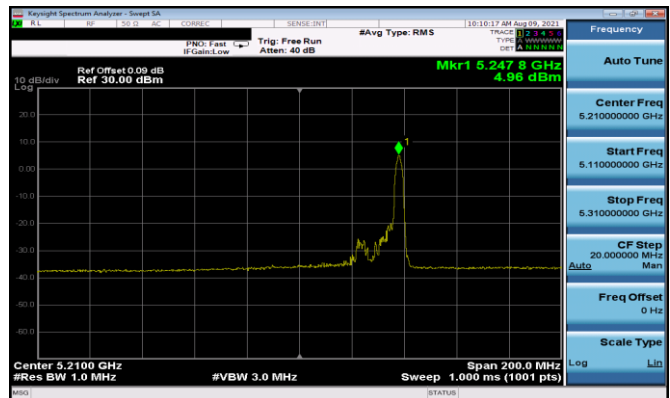
Plot 7-199. ISED PSD Antenna 5T (40MHz BW 11ax Index 17 - RU26 - Ch.46)



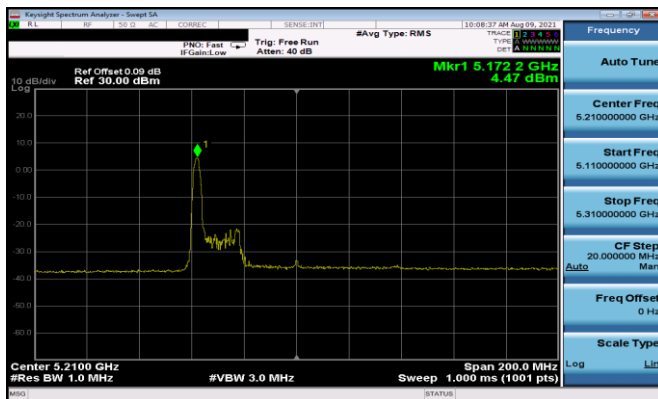
Plot 7-202. ISED PSD Antenna 5T (80MHz BW 11ax Index 18 - RU26 - Ch.42)



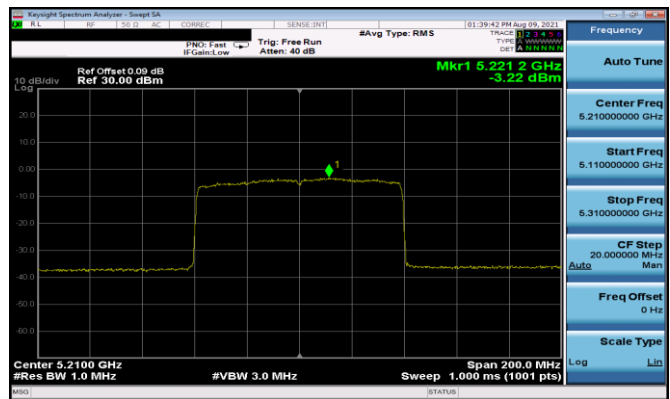
Plot 7-200. ISED PSD Antenna 5T (40MHz BW 11ax - RU484 - Ch.46)



Plot 7-203. ISED PSD Antenna 5T (80MHz BW 11ax Index 36 - RU26 - Ch.42)



Plot 7-201. ISED PSD Antenna 5T (80MHz BW 11ax Index 0 - RU26 - Ch.42)



Plot 7-204. ISED PSD Antenna 5T (80MHz BW 11ax - RU996 - Ch.42)

FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 118 of 397

Antenna 3b Power Spectral Density Measurements

	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	ax (20MHz)	26	0	135/143.4 (MCS11)	8.48	11.0	-2.52
				26	4	135/143.4 (MCS11)	8.59	11.0	-2.41
				26	8	135/143.4 (MCS11)	9.15	11.0	-1.85
	5200	40	ax (20MHz)	26	0	135/143.4 (MCS11)	9.67	11.0	-1.33
				26	4	135/143.4 (MCS11)	9.52	11.0	-1.48
				26	8	135/143.4 (MCS11)	9.49	11.0	-1.51
	5240	48	ax (20MHz)	26	0	135/143.4 (MCS11)	10.14	11.0	-0.86
				26	4	135/143.4 (MCS11)	9.26	11.0	-1.74
				26	8	135/143.4 (MCS11)	9.99	11.0	-1.01
	5190	38	ax (40MHz)	26	0	271/286.8 (MCS11)	8.81	11.0	-2.19
				26	8	271/286.8 (MCS11)	10.01	11.0	-0.99
				26	17	271/286.8 (MCS11)	10.12	11.0	-0.89
	5230	46	ax (40MHz)	26	0	271/286.8 (MCS11)	9.51	11.0	-1.49
				26	8	271/286.8 (MCS11)	10.01	11.0	-0.99
				26	17	271/286.8 (MCS11)	9.63	11.0	-1.37
	5210	42	ax (80MHz)	26	0	567/600.5 (MCS11)	7.94	11.0	-3.06
				26	18	567/600.5 (MCS11)	7.39	11.0	-3.61
				26	36	567/600.5 (MCS11)	7.96	11.0	-3.04
Band 2A	5260	52	ax (20MHz)	26	0	135/143.4 (MCS11)	8.02	11.0	-2.98
				26	4	135/143.4 (MCS11)	8.91	11.0	-2.09
				26	8	135/143.4 (MCS11)	9.67	11.0	-1.34
	5280	56	ax (20MHz)	26	0	135/143.4 (MCS11)	10.07	11.0	-0.93
				26	4	135/143.4 (MCS11)	9.32	11.0	-1.68
				26	8	135/143.4 (MCS11)	9.99	11.0	-1.01
	5320	64	ax (20MHz)	26	0	135/143.4 (MCS11)	9.60	11.0	-1.41
				26	4	135/143.4 (MCS11)	9.09	11.0	-1.91
				26	8	135/143.4 (MCS11)	9.59	11.0	-1.41
	5270	54	ax (40MHz)	26	0	271/286.8 (MCS11)	9.06	11.0	-1.94
				26	8	271/286.8 (MCS11)	9.73	11.0	-1.27
				26	17	271/286.8 (MCS11)	9.80	11.0	-1.21
	5310	62	ax (40MHz)	26	0	271/286.8 (MCS11)	9.47	11.0	-1.53
				26	8	271/286.8 (MCS11)	10.26	11.0	-0.74
				26	17	271/286.8 (MCS11)	9.17	11.0	-1.83
	5290	58	ax (80MHz)	26	0	567/600.5 (MCS11)	10.21	11.0	-0.79
				26	18	567/600.5 (MCS11)	8.10	11.0	-2.90
				26	36	567/600.5 (MCS11)	8.24	11.0	-2.76
Band 2C	5500	100	ax (20MHz)	26	0	135/143.4 (MCS11)	9.41	11.0	-1.59
				26	4	135/143.4 (MCS11)	10.00	11.0	-1.00
				26	8	135/143.4 (MCS11)	9.62	11.0	-1.38
	5580	116	ax (20MHz)	26	0	135/143.4 (MCS11)	9.68	11.0	-1.32
				26	4	135/143.4 (MCS11)	9.15	11.0	-1.85
				26	8	135/143.4 (MCS11)	10.09	11.0	-0.91
	5720	144	ax (20MHz)	26	0	135/143.4 (MCS11)	9.76	11.0	-1.24
				26	4	135/143.4 (MCS11)	9.17	11.0	-1.83
				26	8	135/143.4 (MCS11)	9.45	11.0	-1.55
	5510	102	ax (40MHz)	26	0	271/286.8 (MCS11)	10.10	11.0	-0.90
				26	8	271/286.8 (MCS11)	10.43	11.0	-0.57
				26	17	271/286.8 (MCS11)	10.17	11.0	-0.83
	5550	110	ax (40MHz)	26	0	271/286.8 (MCS11)	10.05	11.0	-0.95
				26	8	271/286.8 (MCS11)	9.73	11.0	-1.27
				26	17	271/286.8 (MCS11)	9.51	11.0	-1.49
	5710	142	ax (40MHz)	26	0	271/286.8 (MCS11)	9.84	11.0	-1.17
				26	8	271/286.8 (MCS11)	10.36	11.0	-0.64
				26	17	271/286.8 (MCS11)	10.29	11.0	-0.71
	5530	106	ax (80MHz)	26	0	567/600.5 (MCS11)	8.58	11.0	-2.42
				26	18	567/600.5 (MCS11)	7.63	11.0	-3.38
				26	36	567/600.5 (MCS11)	7.73	11.0	-3.27
	*5610	122	ax (80MHz)	26	0	567/600.5 (MCS11)	8.88	11.0	-2.12
				26	18	567/600.5 (MCS11)	7.26	11.0	-3.74
				26	36	567/600.5 (MCS11)	8.52	11.0	-2.48
	5690	138	ax (80MHz)	26	0	567/600.5 (MCS11)	8.92	11.0	-2.08
				26	18	567/600.5 (MCS11)	8.42	11.0	-2.58
				26	36	567/600.5 (MCS11)	9.85	11.0	-1.15

Table 7-110. Bands 1, 2A, 2C Power Spectral Density Measurements Antenna 3b (RU26)

*TDWR channel is not supported for ISSED (denoted by a * next to the frequency)

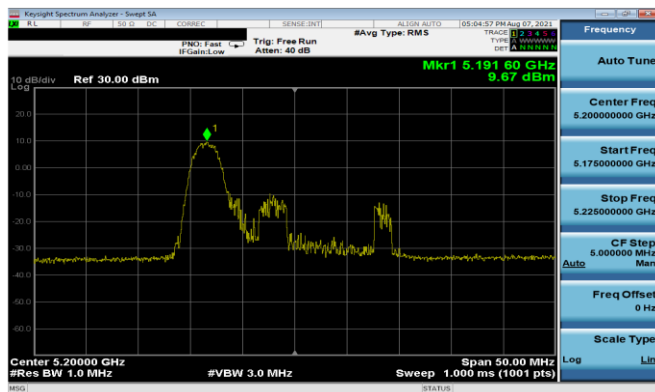
FCC ID: BCGA2568 IC: 579C-A2568		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 119 of 397

	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	ax (20MHz)	242	61	135/143.4 (MCS11)	4.43	11.0	-6.57
	5200	40	ax (20MHz)	242	61	135/143.4 (MCS11)	9.08	11.0	-1.92
	5240	48	ax (20MHz)	242	61	135/143.4 (MCS11)	8.98	11.0	-2.02
	5190	38	ax (40MHz)	484	65	271/286.8 (MCS11)	-2.47	11.0	-13.47
	5230	46	ax (40MHz)	484	65	271/286.8 (MCS11)	4.05	11.0	-6.95
	5210	42	ax (80MHz)	996	67	567/600.5 (MCS11)	-4.58	11.0	-15.58
Band 2A	5260	52	ax (20MHz)	242	61	135/143.4 (MCS11)	9.06	11.0	-1.94
	5280	56	ax (20MHz)	242	61	135/143.4 (MCS11)	9.06	11.0	-1.94
	5320	64	ax (20MHz)	242	61	135/143.4 (MCS11)	5.60	11.0	-5.40
	5270	54	ax (40MHz)	484	65	271/286.8 (MCS11)	3.41	11.0	-7.60
	5310	62	ax (40MHz)	484	65	271/286.8 (MCS11)	-2.82	11.0	-13.82
	5290	58	ax (80MHz)	996	67	567/600.5 (MCS11)	-4.74	11.0	-15.74
Band 2C	5500	100	ax (20MHz)	242	61	135/143.4 (MCS11)	4.06	11.0	-6.94
	5580	116	ax (20MHz)	242	61	135/143.4 (MCS11)	9.59	11.0	-1.41
	5720	144	ax (20MHz)	242	61	135/143.4 (MCS11)	9.14	11.0	-1.86
	5510	102	ax (40MHz)	484	65	271/286.8 (MCS11)	-2.77	11.0	-13.77
	5550	110	ax (40MHz)	484	65	271/286.8 (MCS11)	3.58	11.0	-7.42
	*5590	118	ax (40MHz)	484	65	271/286.8 (MCS11)	4.90	11.0	-6.10
	5710	142	ax (40MHz)	484	65	271/286.8 (MCS11)	5.91	11.0	-5.09
	5530	106	ax (80MHz)	996	67	567/600.5 (MCS11)	-5.55	11.0	-16.55
	*5610	122	ax (80MHz)	996	67	567/600.5 (MCS11)	-1.72	11.0	-12.72
	5690	138	ax (80MHz)	996	67	567/600.5 (MCS11)	3.35	11.0	-7.66

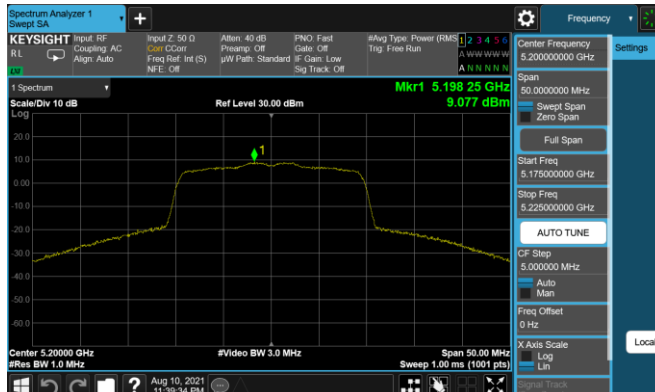
Table 7-111. Bands 1, 2A, 2C Power Spectral Density Measurements Antenna 3b (Fully-loaded RU)

*TDWR channel is not supported for ISSED (denoted by a * next to the frequency)

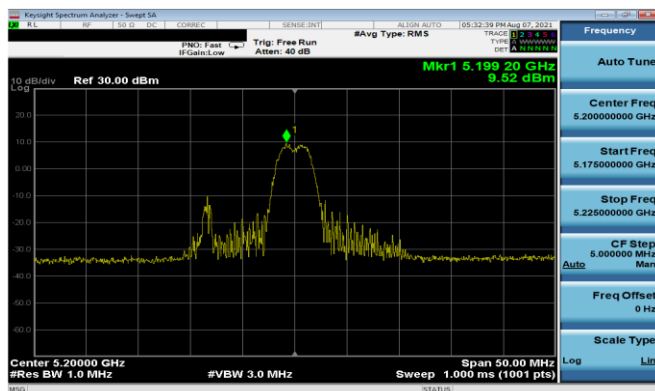
FCC ID: BCGA2568 IC: 579C-A2568	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 120 of 397



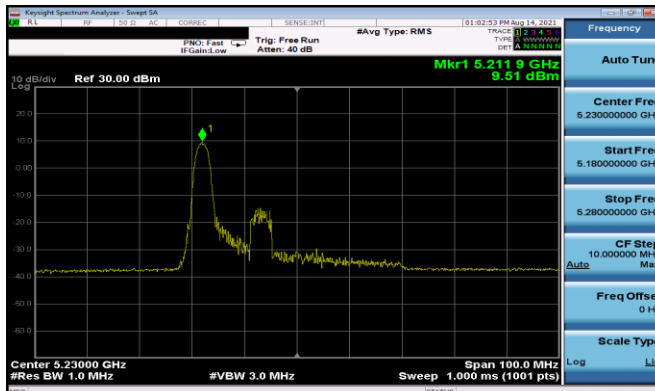
Plot 7-205. PSD Antenna 3b (20MHz BW 11ax Index 0 - RU26 - Ch.40)



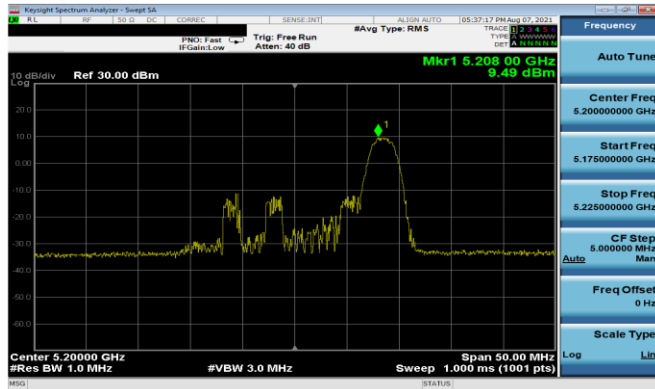
Plot 7-208. PSD Antenna 3b (20MHz BW 11ax- RU242 - Ch.40)



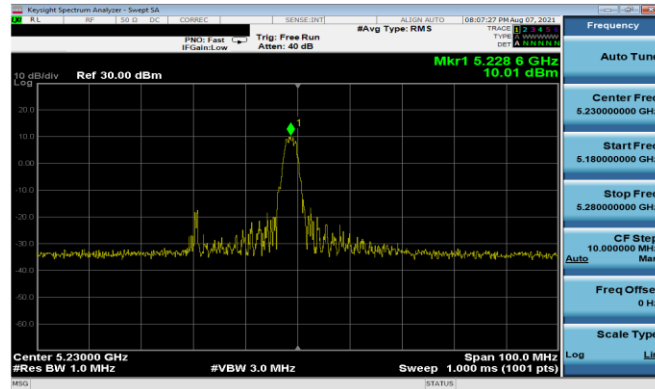
Plot 7-206. PSD Antenna 3b (20MHz BW 11ax Index 4 - RU26 - Ch.40)



Plot 7-209. PSD Antenna 3b (40MHz BW 11ax Index 0 - RU26 - Ch.46)

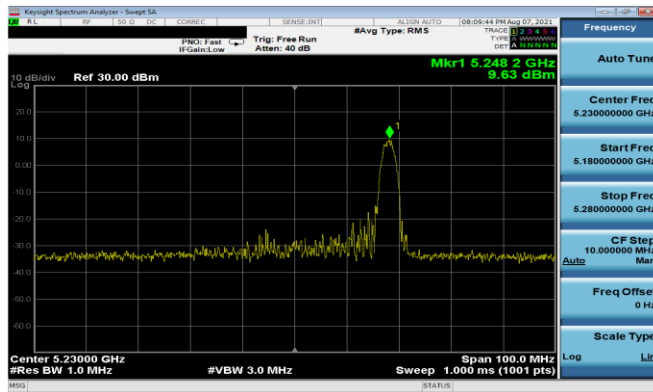


Plot 7-207. PSD Antenna 3b (20MHz BW 11ax Index 8- RU26 - Ch.40)

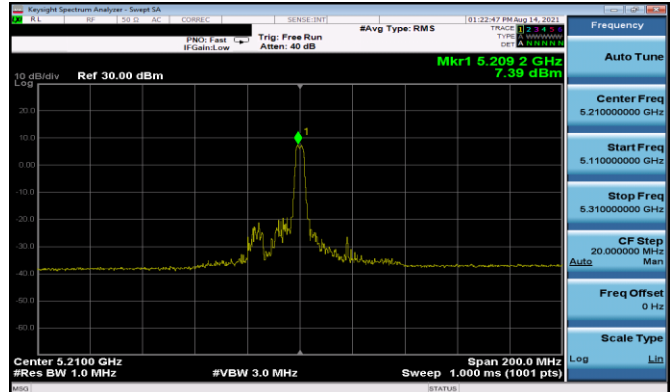


Plot 7-210. PSD Antenna 3b (40MHz BW 11ax Index 8 - RU26 - Ch.46)

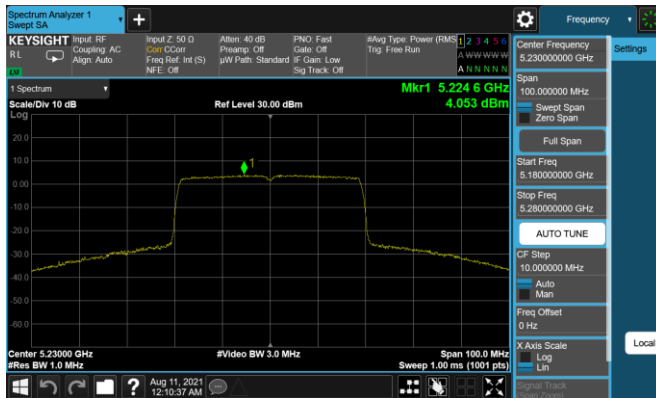
FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 121 of 397



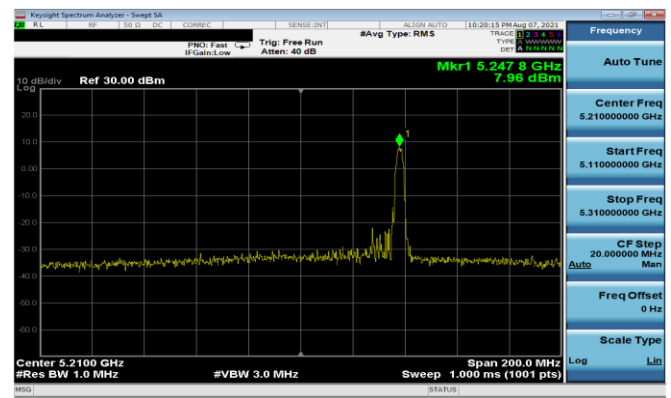
Plot 7-211. PSD Antenna 3b (40MHz BW 11ax Index 17 – RU26 – Ch.46)



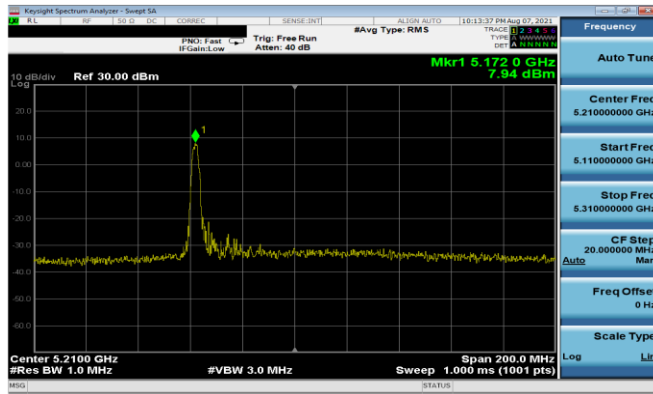
Plot 7-214. PSD Antenna 3b (80MHz BW 11ax Index 18 – RU26 – Ch.42)



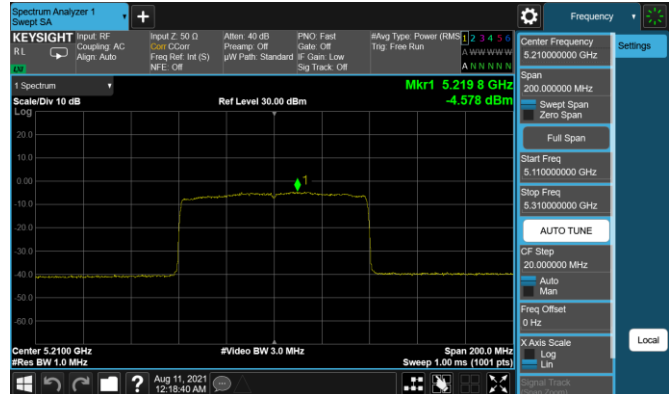
Plot 7-212. PSD Antenna 3b (40MHz BW 11ax – RU484 – Ch.46)



Plot 7-215. PSD Antenna 3b (80MHz BW 11ax Index 36 – RU26 – Ch.42)



Plot 7-213. PSD Antenna 3b (80MHz BW 11ax Index 0 – RU26 – Ch.42)



Plot 7-216. PSD Antenna 3b (80MHz BW 11ax – RU996 – Ch.42)

FCC ID: BCGA2568 IC: 579C-A2568	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2106080049-15.BCG	Test Dates: 6/2/2021 - 8/19/2021	EUT Type: Tablet Device	Page 122 of 397