

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11a	802.11n	802.11ax						
	5180	36	AVG	14.48	14.66	14.56	-	-	3.50	18.16	23.01	-4.85
	5200	40	AVG	14.68	14.56	14.49	-	-	3.50	18.18	23.01	-4.83
	5240	48	AVG	14.52	14.46	14.45	-	-	3.50	18.02	23.01	-4.99
	5260	52	AVG	19.27	19.50	19.49	23.98	-4.48	3.30	22.80	30.00	-7.20
	5300	60	AVG	19.47	19.14	19.19	23.98	-4.51	3.30	22.77	30.00	-7.23
	5320	64	AVG	15.96	16.17	15.68	23.98	-7.81	3.30	19.47	30.00	-10.53
	5500	100	AVG	14.97	14.83	14.24	23.98	-9.01	3.00	17.97	30.00	-12.04
	5520	104	AVG	19.18	19.14	18.26	23.98	-4.80	3.00	22.18	30.00	-7.82
	5540	108	AVG	19.25	19.24	19.35	23.98	-4.63	3.00	22.35	30.00	-7.65
	5580	116	AVG	19.24	19.30	19.36	23.98	-4.62	3.00	22.36	30.00	-7.64
	5660	132	AVG	19.34	19.30	19.20	23.98	-4.64	3.00	22.34	30.00	-7.66
	5680	136	AVG	18.33	18.06	17.31	23.98	-5.65	3.00	21.33	30.00	-8.67
	5700	140	AVG	13.29	13.32	13.32	23.98	-10.66	3.00	16.32	30.00	-13.68
	5720	144	AVG	19.12	19.17	19.30	23.98	-4.68	3.00	22.30	30.00	-7.70
	5745	149	AVG	19.26	19.29	19.11	30.00	-10.71	1.90	21.19	-	-
	5785	157	AVG	19.44	19.11	19.12	30.00	-10.56	1.90	21.34	-	-
	5825	165	AVG	19.30	19.14	19.46	30.00	-10.54	1.90	21.36	-	-

Table 7-58. ISED Antenna 3b 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11n	802.11ax						
	5190	38	AVG	14.91	13.66	-	-	3.50	18.41	23.01	-4.60
	5230	46	AVG	17.07	16.86	-	-	3.50	20.57	23.01	-2.44
	5270	54	AVG	19.27	19.27	23.98	-4.71	3.30	22.57	30.00	-7.43
	5310	62	AVG	16.57	16.53	23.98	-7.41	3.30	19.87	30.00	-10.13
	5510	102	AVG	15.30	14.32	23.98	-8.68	3.00	18.30	30.00	-11.70
	5550	110	AVG	19.31	18.24	23.98	-4.67	3.00	22.31	30.00	-7.69
	5670	134	AVG	18.87	17.87	23.98	-5.11	3.00	21.87	30.00	-8.13
	5710	142	AVG	19.43	19.15	23.98	-4.55	3.00	22.43	30.00	-7.57
	5755	151	AVG	19.13	19.16	30.00	-10.84	1.90	21.06	-	-
	5795	159	AVG	19.19	19.21	30.00	-10.79	1.90	21.11	-	-

Table 7-59. ISED Antenna 3b 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11n	802.11ax						
	5190	38	AVG	14.58	13.69	-	-	3.50	18.08	23.01	-4.93
	5230	46	AVG	16.91	16.97	-	-	3.50	20.47	23.01	-2.54
	5270	54	AVG	19.24	19.29	23.98	-4.69	3.30	22.59	30.00	-7.41
	5310	62	AVG	15.57	15.62	23.98	-8.36	3.30	18.92	30.00	-11.08
	5510	102	AVG	14.79	13.72	23.98	-9.19	3.00	17.79	30.00	-12.21
	5550	110	AVG	18.82	17.74	23.98	-5.16	3.00	21.82	30.00	-8.18
	5670	134	AVG	16.94	16.55	23.98	-7.04	3.00	19.94	30.00	-10.06
	5710	142	AVG	19.15	19.19	23.98	-4.79	3.00	22.19	30.00	-7.81
	5755	151	AVG	19.23	19.28	30.00	-10.73	1.90	21.18	-	-
	5795	159	AVG	19.14	19.18	30.00	-10.82	1.90	21.08	-	-

Table 7-60. ISED Antenna 3b 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 95 of 595

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11n	802.11ax						
	5190	38	AVG	13.72	13.20	-	-	3.50	17.22	23.01	-5.79
	5230	46	AVG	17.23	16.87	-	-	3.50	20.73	23.01	-2.28
	5270	54	AVG	19.26	19.33	23.98	-4.65	3.30	22.63	30.00	-7.37
	5310	62	AVG	13.79	13.87	23.98	-10.11	3.30	17.17	30.00	-12.83
	5510	102	AVG	12.29	12.16	23.98	-11.69	3.00	15.29	30.00	-14.71
	5550	110	AVG	18.26	17.61	23.98	-5.72	3.00	21.26	30.00	-8.74
	5670	134	AVG	14.93	14.34	23.98	-9.05	3.00	17.93	30.00	-12.07
	5710	142	AVG	19.18	19.21	23.98	-4.77	3.00	22.21	30.00	-7.79
	5755	151	AVG	19.28	19.32	30.00	-10.68	1.90	21.22	-	-
	5795	159	AVG	19.11	19.44	30.00	-10.57	1.90	21.34	-	-

Table 7-61. ISED Antenna 3b 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11ac	802.11ax						
	5210	42	AVG	14.47	13.95	-	-	3.50	17.97	23.01	-5.04
	5290	58	AVG	16.61	16.62	23.98	-7.37	3.30	19.92	30.00	-10.08
	5530	106	AVG	14.40	14.43	23.98	-9.58	3.00	17.43	30.00	-12.57
	5690	138	AVG	19.48	19.21	23.98	-4.50	3.00	22.48	30.00	-7.52
	5775	155	AVG	17.79	17.14	30.00	-12.21	1.90	19.69	-	-

Table 7-62. ISED Antenna 3b 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11ac	802.11ax						
	5210	42	AVG	13.73	13.32	-	-	3.50	17.23	23.01	-5.79
	5290	58	AVG	15.76	15.83	23.98	-8.22	3.30	19.13	30.00	-10.87
	5530	106	AVG	13.94	13.38	23.98	-10.04	3.00	16.94	30.00	-13.06
	5690	138	AVG	19.20	19.31	23.98	-4.78	3.00	22.31	30.00	-7.69
	5775	155	AVG	17.80	17.07	30.00	-12.20	1.90	19.70	-	-

Table 7-63. ISED Antenna 3b 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11ac	802.11ax						
	5210	42	AVG	12.77	12.83	-	-	3.50	16.33	23.01	-6.68
	5290	58	AVG	13.13	13.38	23.98	-10.85	3.30	16.68	30.00	-13.32
	5530	106	AVG	12.84	12.63	23.98	-11.14	3.00	15.84	30.00	-14.16
	5690	138	AVG	19.44	19.15	23.98	-4.54	3.00	22.44	30.00	-7.56
	5775	155	AVG	17.43	16.94	30.00	-12.57	1.90	19.33	-	-

Table 7-64. ISED Antenna 3b 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11ac	802.11ax						
	5250	50	AVG	13.46	13.47	23.98	-10.52	3.50	16.97	23.01	-6.05

Table 7-65. ISED Antenna 3b 160MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 96 of 595	

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11ac	802.11ax						
	5250	50	AVG	13.41	13.36	23.98	-10.57	3.50	16.91	23.01	-6.10

Table 7-66. ISED Antenna 3b 160MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11ac	802.11ax						
	5250	50	AVG	12.06	12.12	23.98	-11.92	3.50	15.62	23.01	-7.39

Table 7-67. ISED Antenna 3b 160MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 97 of 595

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7.4.5 FCC Antenna 1b Conducted Output Power Measurements

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11a	802.11n	802.11ax		
	5180	36	AVG	17.41	17.36	16.42	23.98	-6.57
	5200	40	AVG	19.38	19.36	19.32	23.98	-4.60
	5240	48	AVG	19.28	19.29	19.49	23.98	-4.49
	5260	52	AVG	19.36	19.32	19.48	23.98	-4.50
	5300	60	AVG	19.40	19.23	19.13	23.98	-4.58
	5320	64	AVG	18.03	17.98	18.11	23.98	-5.87
	5500	100	AVG	17.09	17.14	16.75	23.98	-6.84
	5520	104	AVG	19.28	19.47	19.21	23.98	-4.51
	5580	116	AVG	19.18	19.21	19.23	23.98	-4.75
	5660	132	AVG	19.45	19.41	19.41	23.98	-4.53
	5680	136	AVG	19.32	19.46	18.35	23.98	-4.52
	5700	140	AVG	17.44	17.23	16.85	23.98	-6.54
	5720	144	AVG	19.23	19.30	19.48	23.98	-4.50
	5745	149	AVG	19.47	19.49	19.22	30.00	-10.51
	5785	157	AVG	19.37	19.42	19.18	30.00	-10.58
	5825	165	AVG	19.44	19.38	19.21	30.00	-10.57

Table 7-68. FCC Antenna 1b 20MHz BW (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11a	802.11n	802.11ax		
	5180	36	AVG	16.60	16.61	15.89	23.98	-7.37
	5200	40	AVG	19.35	19.32	19.34	23.98	-4.63
	5240	48	AVG	19.30	19.26	19.12	23.98	-4.68
	5260	52	AVG	19.36	19.27	19.11	23.98	-4.62
	5300	60	AVG	19.22	19.36	19.17	23.98	-4.62
	5320	64	AVG	16.86	16.91	16.86	23.98	-7.07
	5500	100	AVG	15.93	15.77	15.43	23.98	-8.05
	5520	104	AVG	19.36	19.31	19.22	23.98	-4.62
	5580	116	AVG	19.34	19.20	19.27	23.98	-4.64
	5660	132	AVG	19.16	19.21	19.23	23.98	-4.75
	5680	136	AVG	19.36	19.24	17.88	23.98	-4.62
	5700	140	AVG	15.66	15.84	14.77	23.98	-8.14
	5720	144	AVG	19.34	19.30	19.11	23.98	-4.64
	5745	149	AVG	19.30	19.49	19.30	30.00	-10.51
	5785	157	AVG	19.45	19.41	19.24	30.00	-10.55
	5825	165	AVG	19.29	19.41	19.26	30.00	-10.59

Table 7-69. FCC Antenna 1b 20MHz BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 98 of 595	

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5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11a	802.11n	802.11ax		
	5180	36	AVG	15.29	15.28	15.21	23.98	-8.69
	5200	40	AVG	19.22	19.26	19.34	23.98	-4.64
	5240	48	AVG	19.50	19.47	19.31	23.98	-4.48
	5260	52	AVG	19.10	19.19	19.41	23.98	-4.57
	5300	60	AVG	19.20	19.10	19.45	23.98	-4.53
	5320	64	AVG	16.09	16.24	15.99	23.98	-7.74
	5500	100	AVG	14.80	14.99	14.16	23.98	-8.99
	5520	104	AVG	19.34	19.26	18.31	23.98	-4.64
	5540	108	AVG	19.23	19.49	19.25	23.98	-4.49
	5580	116	AVG	19.46	19.40	19.18	23.98	-4.52
	5660	132	AVG	19.14	19.22	19.16	23.98	-4.76
	5680	136	AVG	18.24	18.34	17.19	23.98	-5.64
	5700	140	AVG	13.47	13.45	13.20	23.98	-10.51
	5720	144	AVG	19.32	19.18	19.43	23.98	-4.55
	5745	149	AVG	19.32	19.32	19.19	30.00	-10.68
	5785	157	AVG	19.44	19.45	19.14	30.00	-10.55
	5825	165	AVG	19.30	19.29	19.37	30.00	-10.63

Table 7-70. FCC Antenna 1b 20MHz BW (UNII) Maximum Conducted Output Power (High Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11n	802.11ax		
	5190	38	AVG	15.10	13.61	23.98	-8.88
	5230	46	AVG	19.12	19.20	23.98	-4.78
	5270	54	AVG	19.34	19.35	23.98	-4.63
	5310	62	AVG	16.57	16.51	23.98	-7.41
	5510	102	AVG	15.36	14.44	23.98	-8.62
	5550	110	AVG	19.20	18.17	23.98	-4.78
	5590	118	AVG	19.29	19.30	23.98	-4.68
	5630	126	AVG	19.14	19.19	23.98	-4.79
	5670	134	AVG	18.81	17.98	23.98	-5.17
	5710	142	AVG	19.17	19.39	23.98	-4.59
	5755	151	AVG	19.13	19.11	30.00	-10.87
	5795	159	AVG	19.23	19.27	30.00	-10.73

Table 7-71. FCC Antenna 1b 40MHz BW (UNII) Maximum Conducted Output Power (Low Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 99 of 595

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5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11n	802.11ax		
	5190	38	AVG	14.54	13.77	23.98	-9.44
	5230	46	AVG	19.15	19.22	23.98	-4.76
	5270	54	AVG	19.32	19.42	23.98	-4.56
	5310	62	AVG	15.69	15.54	23.98	-8.29
	5510	102	AVG	14.71	13.75	23.98	-9.27
	5550	110	AVG	18.86	17.91	23.98	-5.12
	5590	118	AVG	19.26	19.30	23.98	-4.68
	5630	126	AVG	19.41	19.42	23.98	-4.56
	5670	134	AVG	16.69	16.44	23.98	-7.29
	5710	142	AVG	19.36	19.40	23.98	-4.58
	5755	151	AVG	19.11	19.15	30.00	-10.85
	5795	159	AVG	19.23	19.15	30.00	-10.77

Table 7-72. FCC Antenna 1b 40MHz BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11n	802.11ax		
	5190	38	AVG	13.83	13.35	23.98	-10.15
	5230	46	AVG	19.43	18.79	23.98	-4.55
	5270	54	AVG	19.29	19.12	23.98	-4.69
	5310	62	AVG	13.89	13.64	23.98	-10.09
	5510	102	AVG	12.45	12.43	23.98	-11.53
	5550	110	AVG	18.49	17.76	23.98	-5.49
	5590	118	AVG	19.30	19.25	23.98	-4.68
	5630	126	AVG	19.38	18.99	23.98	-4.60
	5670	134	AVG	14.76	14.49	23.98	-9.22
	5710	142	AVG	19.31	19.13	23.98	-4.67
	5755	151	AVG	19.32	19.37	30.00	-10.63
	5795	159	AVG	19.32	19.39	30.00	-10.61

Table 7-73. FCC Antenna 1b 40MHz BW (UNII) Maximum Conducted Output Power (High Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11ac	802.11ax		
	5210	42	AVG	14.23	13.68	23.98	-9.75
	5290	58	AVG	16.68	16.87	23.98	-7.30
	5530	106	AVG	14.23	14.34	23.98	-9.75
	5610	122	AVG	18.71	18.64	23.98	-5.27
	5690	138	AVG	19.28	19.37	23.98	-4.70
	5775	155	AVG	17.65	17.32	30.00	-12.35

Table 7-74. FCC Antenna 1b 80MHz BW (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11ac	802.11ax		
	5210	42	AVG	13.68	13.28	23.98	-10.30
	5290	58	AVG	15.70	15.73	23.98	-8.28
	5530	106	AVG	13.69	13.44	23.98	-10.29
	5610	122	AVG	17.78	17.93	23.98	-6.20
	5690	138	AVG	19.33	19.40	23.98	-4.65
	5775	155	AVG	17.81	17.13	30.00	-12.19


Table 7-75. FCC Antenna 1b 80MHz BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11ac	802.11ax		
	5210	42	AVG	12.66	12.62	23.98	-11.32
	5290	58	AVG	13.26	13.36	23.98	-10.72
	5530	106	AVG	12.79	12.97	23.98	-11.19
	5610	122	AVG	16.77	16.62	23.98	-7.21
	5690	138	AVG	19.24	19.33	23.98	-4.74
	5775	155	AVG	17.33	16.61	30.00	-12.67

Table 7-76. FCC Antenna 1b 80MHz BW (UNII) Maximum Conducted Output Power (High Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11ac	802.11ax		
	5250	50	AVG	13.25	13.16	23.98	-10.73
	5570	114	AVG	13.39	13.43	23.98	-10.59

Table 7-77. FCC Antenna 1b 160MHz BW (UNII) Maximum Conducted Output Power (Low Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 101 of 595

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11ac	802.11ax		
	5250	50	AVG	13.12	13.28	23.98	-10.86
	5570	114	AVG	12.96	12.84	23.98	-11.02

Table 7-78. FCC Antenna 1b 160MHz BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11ac	802.11ax		
	5250	50	AVG	12.01	12.16	23.98	-11.97
	5570	114	AVG	11.79	11.90	23.98	-12.19

Table 7-79. FCC Antenna 1b 160MHz BW (UNII) Maximum Conducted Output Power (High Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 102 of 595

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7.4.6 ISED Antenna 1b Conducted Output Power Measurements

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11a	802.11n	802.11ax						
	5180	36	AVG	14.48	14.42	14.53	-	-	-1.00	13.53	23.01	-9.48
	5200	40	AVG	14.39	14.38	14.69	-	-	-1.00	13.69	23.01	-9.32
	5240	48	AVG	14.59	14.46	14.42	-	-	-1.00	13.59	23.01	-9.42
	5260	52	AVG	19.36	19.32	19.48	23.98	-4.50	-0.10	19.38	30.00	-10.63
	5300	60	AVG	19.40	19.23	19.13	23.98	-4.58	-0.10	19.30	30.00	-10.70
	5320	64	AVG	18.03	17.98	18.11	23.98	-5.87	-0.10	18.01	30.00	-11.99
	5500	100	AVG	17.09	17.14	16.75	23.98	-6.84	1.60	18.74	30.00	-11.27
	5520	104	AVG	19.28	19.47	19.21	23.98	-4.51	1.60	21.07	30.00	-8.93
	5580	116	AVG	19.18	19.21	19.23	23.98	-4.75	1.60	20.83	30.00	-9.18
	5660	132	AVG	19.45	19.41	19.41	23.98	-4.53	1.60	21.05	30.00	-8.95
	5680	136	AVG	19.32	19.46	18.35	23.98	-4.52	1.60	21.06	30.00	-8.94
	5700	140	AVG	17.44	17.23	16.85	23.98	-6.54	1.60	19.04	30.00	-10.96
	5720	144	AVG	19.23	19.30	19.48	23.98	-4.50	1.60	21.08	30.00	-8.92
	5745	149	AVG	19.47	19.49	19.22	30.00	-10.51	0.80	20.29	-	-
	5785	157	AVG	19.37	19.42	19.18	30.00	-10.58	0.80	20.22	-	-
	5825	165	AVG	19.44	19.38	19.21	30.00	-10.57	0.80	20.24	-	-

Table 7-80. ISED Antenna 1b 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11a	802.11n	802.11ax						
	5180	36	AVG	14.48	14.40	14.72	-	-	-1.00	13.72	23.01	-9.29
	5200	40	AVG	14.55	14.45	14.45	-	-	-1.00	13.55	23.01	-9.46
	5240	48	AVG	14.46	14.50	14.60	-	-	-1.00	13.60	23.01	-9.41
	5260	52	AVG	19.36	19.27	19.11	23.98	-4.62	-0.10	19.26	30.00	-10.74
	5300	60	AVG	19.22	19.36	19.17	23.98	-4.62	-0.10	19.26	30.00	-10.74
	5320	64	AVG	16.86	16.91	16.86	23.98	-7.07	-0.10	16.81	30.00	-13.20
	5500	100	AVG	15.93	15.77	15.43	23.98	-8.05	1.60	17.53	30.00	-12.47
	5520	104	AVG	19.36	19.31	19.22	23.98	-4.62	1.60	20.96	30.00	-9.04
	5580	116	AVG	19.34	19.20	19.27	23.98	-4.64	1.60	20.94	30.00	-9.06
	5660	132	AVG	19.16	19.21	19.23	23.98	-4.75	1.60	20.83	30.00	-9.17
	5680	136	AVG	19.36	19.24	17.88	23.98	-4.62	1.60	20.96	30.00	-9.04
	5700	140	AVG	15.66	15.84	14.77	23.98	-8.14	1.60	17.44	30.00	-12.57
	5720	144	AVG	19.34	19.30	19.11	23.98	-4.64	1.60	20.94	30.00	-9.06
	5745	149	AVG	19.30	19.49	19.30	30.00	-10.51	0.80	20.29	-	-
	5785	157	AVG	19.45	19.41	19.24	30.00	-10.55	0.80	20.25	-	-
	5825	165	AVG	19.29	19.41	19.26	30.00	-10.59	0.80	20.21	-	-

Table 7-81. ISED Antenna 1b 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11a	802.11n	802.11ax						
	5180	36	AVG	14.59	14.47	14.58	-	-	-1.00	13.59	23.01	-9.42
	5200	40	AVG	14.59	14.43	14.70	-	-	-1.00	13.70	23.01	-9.31
	5240	48	AVG	14.48	14.35	14.52	-	-	-1.00	13.52	23.01	-9.49
	5260	52	AVG	19.10	19.19	19.41	23.98	-4.57	-0.10	19.31	30.00	-10.69
	5300	60	AVG	19.20	19.10	19.45	23.98	-4.53	-0.10	19.35	30.00	-10.65
	5320	64	AVG	16.09	16.24	15.99	23.98	-7.74	-0.10	16.14	30.00	-13.86
	5500	100	AVG	14.80	14.99	14.16	23.98	-8.99	1.60	16.59	30.00	-13.41
	5520	104	AVG	19.34	19.26	18.31	23.98	-4.64	1.60	20.94	30.00	-9.07
	5540	108	AVG	19.23	19.49	19.25	23.98	-4.49	1.60	21.09	30.00	-8.91
	5580	116	AVG	19.46	19.40	19.18	23.98	-4.52	1.60	21.06	30.00	-8.94
	5660	132	AVG	19.14	19.22	19.16	23.98	-4.76	1.60	20.82	30.00	-9.18
	5680	136	AVG	18.24	18.34	17.19	23.98	-5.64	1.60	19.94	30.00	-10.06
	5700	140	AVG	13.47	13.45	13.20	23.98	-10.51	1.60	15.07	30.00	-14.93
	5720	144	AVG	19.32	19.18	19.43	23.98	-4.55	1.60	21.03	30.00	-8.97
	5745	149	AVG	19.32	19.32	19.19	30.00	-10.68	0.80	20.12	-	-
	5785	157	AVG	19.44	19.45	19.14	30.00	-10.55	0.80	20.25	-	-
	5825	165	AVG	19.30	19.29	19.37	30.00	-10.63	0.80	20.17	-	-

Table 7-82. ISED Antenna 1b 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11n	802.11ax						
	5190	38	AVG	15.23	13.96	-	-	-1.00	14.23	23.01	-8.78
	5230	46	AVG	17.03	17.05	-	-	-1.00	16.05	23.01	-6.96
	5270	54	AVG	19.34	19.35	23.98	-4.63	-0.10	19.25	30.00	-10.75
	5310	62	AVG	16.57	16.51	23.98	-7.41	-0.10	16.47	30.00	-13.53
	5510	102	AVG	15.36	14.44	23.98	-8.62	1.60	16.96	30.00	-13.04
	5550	110	AVG	19.20	18.17	23.98	-4.78	1.60	20.80	30.00	-9.20
	5670	134	AVG	18.81	17.98	23.98	-5.17	1.60	20.41	30.00	-9.59
	5710	142	AVG	19.17	19.39	23.98	-4.59	1.60	20.99	30.00	-9.01
	5755	151	AVG	19.13	19.11	30.00	-10.87	0.80	19.93	-	-
	5795	159	AVG	19.23	19.27	30.00	-10.73	0.80	20.07	-	-

Table 7-83. ISED Antenna 1b 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11n	802.11ax						
	5190	38	AVG	14.64	13.93	-	-	-1.00	13.64	23.01	-9.37
	5230	46	AVG	17.14	17.22	-	-	-1.00	16.22	23.01	-6.79
	5270	54	AVG	19.32	19.42	23.98	-4.56	-0.10	19.32	30.00	-10.68
	5310	62	AVG	15.69	15.54	23.98	-8.29	-0.10	15.59	30.00	-14.41
	5510	102	AVG	14.71	13.75	23.98	-9.27	1.60	16.31	30.00	-13.69
	5550	110	AVG	18.86	17.91	23.98	-5.12	1.60	20.46	30.00	-9.54
	5670	134	AVG	16.69	16.44	23.98	-7.29	1.60	18.29	30.00	-11.71
	5710	142	AVG	19.36	19.40	23.98	-4.58	1.60	21.00	30.00	-9.00
	5755	151	AVG	19.11	19.15	30.00	-10.85	0.80	19.95	-	-
	5795	159	AVG	19.23	19.15	30.00	-10.77	0.80	20.03	-	-

Table 7-84. ISED Antenna 1b 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11n	802.11ax						
	5190	38	AVG	13.64	13.37	-	-	-1.00	12.64	23.01	-10.37
	5230	46	AVG	16.86	16.96	-	-	-1.00	15.96	23.01	-7.05
	5270	54	AVG	19.29	19.12	23.98	-4.69	-0.10	19.19	30.00	-10.81
	5310	62	AVG	13.89	13.64	23.98	-10.09	-0.10	13.79	30.00	-16.21
	5510	102	AVG	12.45	12.43	23.98	-11.53	1.60	14.05	30.00	-15.95
	5550	110	AVG	18.49	17.76	23.98	-5.49	1.60	20.09	30.00	-9.92
	5670	134	AVG	14.76	14.49	23.98	-9.22	1.60	16.36	30.00	-13.64
	5710	142	AVG	19.31	19.13	23.98	-4.67	1.60	20.91	30.00	-9.09
	5755	151	AVG	19.32	19.37	30.00	-10.63	0.80	20.17	-	-
	5795	159	AVG	19.32	19.39	30.00	-10.61	0.80	20.19	-	-

Table 7-85. ISED Antenna 1b 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11ac	802.11ax						
	5210	42	AVG	14.037	13.62	-	-	-1.00	13.04	23.01	-9.97
	5290	58	AVG	16.68	16.87	23.98	-7.30	-0.10	16.77	30.00	-13.23
	5530	106	AVG	14.23	14.34	23.98	-9.75	1.60	15.94	30.00	-14.06
	5690	138	AVG	19.28	19.37	23.98	-4.70	1.60	20.97	30.00	-9.04
	5775	155	AVG	17.65	17.32	30.00	-12.35	0.80	18.45	-	-

Table 7-86. ISED Antenna 1b 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11ac	802.11ax						
	5210	42	AVG	13.629	13.29	-	-	-1.00	12.63	23.01	-10.38
	5290	58	AVG	15.70	15.73	23.98	-8.28	-0.10	15.63	30.00	-14.37
	5530	106	AVG	13.69	13.44	23.98	-10.29	1.60	15.29	30.00	-14.71
	5690	138	AVG	19.33	19.40	23.98	-4.65	1.60	21.00	30.00	-9.00
	5775	155	AVG	17.81	17.13	30.00	-12.19	0.80	18.61	-	-

Table 7-87. ISED Antenna 1b 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11ac	802.11ax						
	5210	42	AVG	12.61	12.78	-	-	-1.00	11.78	23.01	-11.23
	5290	58	AVG	13.26	13.36	23.98	-10.72	-0.10	13.26	30.00	-16.74
	5530	106	AVG	12.79	12.97	23.98	-11.19	1.60	14.57	30.00	-15.43
	5690	138	AVG	19.24	19.33	23.98	-4.74	1.60	20.93	30.00	-9.07
	5775	155	AVG	17.33	16.61	30.00	-12.67	0.80	18.13	-	-

Table 7-88. ISED Antenna 1b 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11ac	802.11ax						
	5250	50	AVG	13.307	13.36	23.98	-10.67	-1.00	12.36	23.01	-10.65

Table 7-89. ISED Antenna 1b 160MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11ac	802.11ax						
	5250	50	AVG	13.47	13.17	23.98	-10.51	-1.00	12.47	23.01	-10.54

Table 7-90. ISED Antenna 1b 160MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11ac	802.11ax						
	5250	50	AVG	11.89	12.03	23.98	-12.09	-1.00	11.03	23.01	-11.98

Table 7-91. ISED Antenna 1b 160MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 106 of 595

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7.4.7 FCC CDD Primary Maximum Conducted Output Power Measurements

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 3b	Summed		
	5180	36	CDD	AVG	16.01	16.05	19.04	23.98	-4.94
	5200	40	CDD	AVG	15.89	16.10	19.01	23.98	-4.97
	5240	48	CDD	AVG	16.01	15.95	18.99	23.98	-4.99
	5260	52	CDD	AVG	15.96	16.03	19.00	23.98	-4.98
	5300	60	CDD	AVG	15.98	16.19	19.10	23.98	-4.88
	5320	64	CDD	AVG	16.24	15.89	19.08	23.98	-4.90
	5500	100	CDD	AVG	15.95	15.62	18.80	23.98	-5.18
	5580	116	CDD	AVG	15.87	15.78	18.84	23.98	-5.14
	5720	144	CDD	AVG	15.86	15.74	18.81	23.98	-5.17
	5745	149	CDD	AVG	19.17	19.49	22.34	30.00	-7.66
	5785	157	CDD	AVG	19.22	19.19	22.21	30.00	-7.79
	5825	165	CDD	AVG	19.29	19.14	22.23	30.00	-7.77

Table 7-92. FCC CDD 20MHz BW 802.11a (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 3b	Summed		
	5180	36	CDD	AVG	16.07	16.05	19.07	23.98	-4.91
	5200	40	CDD	AVG	16.07	15.89	18.99	23.98	-4.99
	5240	48	CDD	AVG	15.94	16.18	19.07	23.98	-4.91
	5260	52	CDD	AVG	16.17	15.93	19.06	23.98	-4.92
	5300	60	CDD	AVG	16.21	15.91	19.08	23.98	-4.90
	5320	64	CDD	AVG	16.12	16.20	19.17	23.98	-4.81
	5500	100	CDD	AVG	15.76	15.93	18.86	23.98	-5.12
	5520	104	CDD	AVG	15.76	15.98	18.88	23.98	-5.10
	5580	116	CDD	AVG	15.64	15.94	18.80	23.98	-5.18
	5680	136	CDD	AVG	15.82	15.64	18.74	23.98	-5.24
	5700	140	CDD	AVG	15.86	15.90	18.89	23.98	-5.09
	5720	144	CDD	AVG	15.80	15.90	18.86	23.98	-5.12
	5745	149	CDD	AVG	19.26	19.13	22.20	30.00	-7.80
	5785	157	CDD	AVG	19.41	19.32	22.37	30.00	-7.63
	5825	165	CDD	AVG	19.26	19.25	22.26	30.00	-7.74

Table 7-93. FCC CDD 20MHz BW 802.11a (UNII) Maximum Conducted Output Power (Mid Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 107 of 595


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5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 3b	Summed		
	5180	36	CDD	AVG	15.39	15.25	18.33	23.98	-5.65
	5200	40	CDD	AVG	16.07	16.00	19.04	23.98	-4.94
	5240	48	CDD	AVG	15.94	15.76	18.86	23.98	-5.12
	5260	52	CDD	AVG	16.21	15.96	19.10	23.98	-4.88
	5300	60	CDD	AVG	16.13	16.04	19.09	23.98	-4.89
	5320	64	CDD	AVG	15.40	15.48	18.45	23.98	-5.53
	5500	100	CDD	AVG	13.98	14.23	17.12	23.98	-6.86
	5520	104	CDD	AVG	15.94	15.75	18.86	23.98	-5.12
	5580	116	CDD	AVG	15.64	15.98	18.82	23.98	-5.16
	5680	136	CDD	AVG	15.75	15.71	18.74	23.98	-5.24
	5700	140	CDD	AVG	13.47	13.16	16.33	23.98	-7.65
	5720	144	CDD	AVG	15.79	15.95	18.88	23.98	-5.10
	5745	149	CDD	AVG	19.25	19.42	22.34	30.00	-7.66
	5785	157	CDD	AVG	19.39	19.16	22.29	30.00	-7.71
	5825	165	CDD	AVG	19.14	19.31	22.23	30.00	-7.77

Table 7-94. FCC CDD 20MHz BW 802.11a (UNII) Maximum Conducted Output Power (High Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 3b	Summed		
	5180	36	SDM	AVG	16.79	16.64	19.73	23.98	-4.25
	5200	40	SDM	AVG	16.93	16.90	19.93	23.98	-4.05
	5240	48	SDM	AVG	16.88	16.75	19.82	23.98	-4.16
	5260	52	SDM	AVG	16.67	16.71	19.70	23.98	-4.28
	5300	60	SDM	AVG	16.96	16.86	19.92	23.98	-4.06
	5320	64	SDM	AVG	16.80	16.75	19.79	23.98	-4.19
	5500	100	SDM	AVG	16.81	16.86	19.84	23.98	-4.14
	5580	116	SDM	AVG	16.85	16.66	19.77	23.98	-4.21
	5720	144	SDM	AVG	16.63	16.92	19.79	23.98	-4.19
	5745	149	CDD	AVG	19.48	19.25	22.38	30.00	-7.62
	5785	157	CDD	AVG	19.15	19.14	22.15	30.00	-7.85
	5825	165	CDD	AVG	19.23	19.33	22.29	30.00	-7.71

Table 7-95. FCC CDD/SDM 20MHz BW 802.11n (UNII) Maximum Conducted Output Power (Low Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 108 of 595

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 3b	Summed		
	5180	36	SDM	AVG	16.52	16.53	19.54	23.98	-4.44
	5200	40	SDM	AVG	16.75	16.65	19.71	23.98	-4.27
	5240	48	SDM	AVG	16.78	16.94	19.87	23.98	-4.11
	5260	52	SDM	AVG	16.82	16.70	19.77	23.98	-4.21
	5300	60	SDM	AVG	16.81	16.65	19.74	23.98	-4.24
	5320	64	SDM	AVG	16.91	16.65	19.79	23.98	-4.19
	5500	100	CDD	AVG	15.88	16.00	18.95	23.98	-5.03
	5520	104	SDM	AVG	16.87	16.90	19.89	23.98	-4.09
	5580	116	SDM	AVG	16.83	16.99	19.92	23.98	-4.06
	5680	136	SDM	AVG	16.64	16.87	19.77	23.98	-4.21
	5700	140	CDD	AVG	15.88	15.96	18.93	23.98	-5.05
	5720	144	SDM	AVG	16.64	16.70	19.68	23.98	-4.30
	5745	149	CDD	AVG	19.21	19.18	22.21	30.00	-7.79
	5785	157	CDD	AVG	19.27	19.25	22.27	30.00	-7.73
	5825	165	CDD	AVG	19.14	19.32	22.24	30.00	-7.76

Table 7-96. FCC CDD/SDM 20MHz BW 802.11n (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 3b	Summed		
	5180	36	CDD	AVG	15.46	15.39	18.43	23.98	-5.55
	5200	40	SDM	AVG	16.73	16.87	19.81	23.98	-4.17
	5240	48	SDM	AVG	16.82	16.77	19.80	23.98	-4.18
	5260	52	SDM	AVG	16.63	16.68	19.67	23.98	-4.31
	5300	60	SDM	AVG	16.75	16.80	19.79	23.98	-4.19
	5320	64	CDD	AVG	15.67	15.36	18.53	23.98	-5.45
	5500	100	CDD	AVG	14.07	13.96	17.03	23.98	-6.95
	5520	104	SDM	AVG	16.91	16.93	19.93	23.98	-4.05
	5580	116	SDM	AVG	16.87	16.64	19.77	23.98	-4.21
	5680	136	SDM	AVG	16.72	16.83	19.78	23.98	-4.20
	5700	140	CDD	AVG	13.32	13.49	16.41	23.98	-7.57
	5720	144	SDM	AVG	16.70	16.79	19.75	23.98	-4.23
	5745	149	CDD	AVG	19.26	19.44	22.36	30.00	-7.64
	5785	157	CDD	AVG	19.16	19.31	22.25	30.00	-7.75
	5825	165	CDD	AVG	19.27	19.32	22.30	30.00	-7.70

Table 7-97. FCC CDD/SDM 20MHz BW 802.11n (UNII) Maximum Conducted Output Power (High Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 109 of 595

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5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 3b	Summed		
	5180	36	CDD	AVG	15.77	15.93	18.86	23.98	-5.12
	5200	40	SDM	AVG	16.70	16.76	19.74	23.98	-4.24
	5240	48	SDM	AVG	16.81	16.88	19.85	23.98	-4.13
	5260	52	SDM	AVG	16.69	16.84	19.78	23.98	-4.20
	5300	60	SDM	AVG	16.87	16.77	19.83	23.98	-4.15
	5320	64	SDM	AVG	16.61	16.86	19.75	23.98	-4.23
	5500	100	SDM	AVG	16.96	16.99	19.99	23.98	-3.99
	5580	116	SDM	AVG	16.63	16.86	19.76	23.98	-4.22
	5680	136	SDM	AVG	16.94	16.97	19.96	23.98	-4.02
	5700	140	CDD	AVG	15.79	15.61	18.71	23.98	-5.27
	5720	144	SDM	AVG	16.77	16.77	19.78	23.98	-4.20
	5745	149	CDD	AVG	19.11	19.14	22.14	30.00	-7.86
	5785	157	CDD	AVG	19.17	19.16	22.17	30.00	-7.83
	5825	165	CDD	AVG	19.16	19.49	22.34	30.00	-7.66

Table 7-98. FCC CDD/SDM 20MHz BW 802.11ax (SU) (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 3b	Summed		
	5180	36	CDD	AVG	15.66	15.71	18.69	23.98	-5.29
	5200	40	SDM	AVG	16.82	16.64	19.74	23.98	-4.24
	5240	48	SDM	AVG	16.83	16.65	19.75	23.98	-4.23
	5260	52	SDM	AVG	16.97	16.61	19.81	23.98	-4.17
	5300	60	SDM	AVG	16.89	16.63	19.77	23.98	-4.21
	5320	64	SDM	AVG	16.35	16.42	19.39	23.98	-4.59
	5500	100	CDD	AVG	15.25	15.13	18.20	23.98	-5.78
	5520	104	SDM	AVG	16.83	16.75	19.80	23.98	-4.18
	5580	116	SDM	AVG	16.77	16.98	19.89	23.98	-4.09
	5680	136	SDM	AVG	16.89	16.66	19.78	23.98	-4.20
	5700	140	CDD	AVG	14.75	14.93	17.85	23.98	-6.13
	5720	144	SDM	AVG	16.98	16.87	19.93	23.98	-4.05
	5745	149	CDD	AVG	19.18	19.21	22.20	30.00	-7.80
	5785	157	CDD	AVG	19.26	19.11	22.20	30.00	-7.80
	5825	165	CDD	AVG	19.27	19.15	22.22	30.00	-7.78

Table 7-99. FCC CDD/SDM 20MHz BW 802.11ax (SU) (UNII) Maximum Conducted Output Power (Mid Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 110 of 595

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5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 3b	Summed		
	5180	36	CDD	AVG	15.44	15.14	18.30	23.98	-5.68
	5200	40	SDM	AVG	16.67	16.68	19.69	23.98	-4.29
	5240	48	SDM	AVG	16.97	16.91	19.95	23.98	-4.03
	5260	52	SDM	AVG	16.77	16.87	19.83	23.98	-4.15
	5300	60	SDM	AVG	16.70	16.97	19.85	23.98	-4.13
	5320	64	CDD	AVG	15.38	15.25	18.32	23.98	-5.66
	5500	100	CDD	AVG	13.91	13.74	16.84	23.98	-7.14
	5520	104	SDM	AVG	16.63	16.63	19.64	23.98	-4.34
	5580	116	SDM	AVG	16.78	16.82	19.81	23.98	-4.17
	5680	136	SDM	AVG	16.81	16.63	19.73	23.98	-4.25
	5700	140	CDD	AVG	13.07	13.15	16.12	23.98	-7.86
	5720	144	SDM	AVG	16.80	16.93	19.88	23.98	-4.10
	5745	149	CDD	AVG	19.32	19.31	22.33	30.00	-7.67
	5785	157	CDD	AVG	19.26	19.16	22.22	30.00	-7.78
	5825	165	CDD	AVG	19.28	19.40	22.35	30.00	-7.65

Table 7-100. FCC CDD/SDM 20MHz BW 802.11ax (SU) (UNII) Maximum Conducted Output Power (High Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 3b	Summed		
	5190	38	CDD	AVG	14.42	14.14	17.29	23.98	-6.69
	5230	46	SDM	AVG	19.32	19.18	22.26	23.98	-1.72
	5270	54	SDM	AVG	19.42	19.21	22.33	23.98	-1.65
	5310	62	CDD	AVG	16.46	16.43	19.45	23.98	-4.53
	5510	102	CDD	AVG	15.40	15.39	18.40	23.98	-5.58
	5550	110	SDM	AVG	18.93	18.75	21.85	23.98	-2.13
	5590	118	SDM	AVG	19.32	19.20	22.27	23.98	-1.71
	5630	126	SDM	AVG	19.07	19.28	22.19	23.98	-1.79
	5670	134	CDD	AVG	17.67	17.84	20.76	23.98	-3.22
	5710	142	SDM	AVG	19.11	19.37	22.25	23.98	-1.73
	5755	151	CDD	AVG	19.14	19.11	22.13	30.00	-7.87
	5795	159	CDD	AVG	19.40	19.15	22.29	30.00	-7.71

Table 7-101. FCC CDD/SDM 40MHz BW 802.11n (UNII) Maximum Conducted Output Power (Low Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 111 of 595

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5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 3b	Summed		
	5190	38	CDD	AVG	13.65	13.82	16.75	23.98	-7.23
	5230	46	SDM	AVG	19.17	19.12	22.15	23.98	-1.83
	5270	54	CDD	AVG	18.66	18.48	21.58	23.98	-2.40
	5310	62	CDD	AVG	15.35	15.49	18.43	23.98	-5.55
	5510	102	CDD	AVG	14.72	14.88	17.81	23.98	-6.17
	5550	110	CDD	AVG	18.41	18.33	21.38	23.98	-2.60
	5590	118	SDM	AVG	19.22	19.28	22.26	23.98	-1.72
	5630	126	SDM	AVG	19.23	19.30	22.28	23.98	-1.70
	5670	134	CDD	AVG	16.69	16.81	19.76	23.98	-4.22
	5710	142	SDM	AVG	19.24	19.47	22.36	23.98	-1.62
	5755	151	CDD	AVG	19.26	19.14	22.21	30.00	-7.79
	5795	159	CDD	AVG	19.29	19.15	22.23	30.00	-7.77

Table 7-102. FCC CDD/SDM 40MHz BW 802.11n (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 3b	Summed		
	5190	38	CDD	AVG	12.71	12.87	15.80	23.98	-8.18
	5230	46	SDM	AVG	18.79	18.90	21.86	23.98	-2.12
	5270	54	CDD	AVG	18.68	18.56	21.63	23.98	-2.35
	5310	62	CDD	AVG	13.84	13.92	16.89	23.98	-7.09
	5510	102	CDD	AVG	12.11	12.36	15.24	23.98	-8.74
	5550	110	CDD	AVG	17.78	17.81	20.81	23.98	-3.17
	5590	118	SDM	AVG	19.15	19.50	22.34	23.98	-1.64
	5630	126	SDM	AVG	19.45	19.45	22.46	23.98	-1.52
	5670	134	CDD	AVG	13.99	14.15	17.08	23.98	-6.90
	5710	142	SDM	AVG	19.46	19.18	22.33	23.98	-1.65
	5755	151	CDD	AVG	19.43	19.47	22.46	30.00	-7.54
	5795	159	CDD	AVG	19.50	19.38	22.45	30.00	-7.55

Table 7-103. FCC CDD/SDM 40MHz BW 802.11n (UNII) Maximum Conducted Output Power (High Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 112 of 595

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5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 3b	Summed		
	5190	38	CDD	AVG	13.34	13.35	16.36	23.98	-7.62
	5230	46	SDM	AVG	19.12	19.30	22.22	23.98	-1.76
	5270	54	SDM	AVG	18.79	18.67	21.74	23.98	-2.24
	5310	62	CDD	AVG	16.00	15.81	18.92	23.98	-5.06
	5510	102	CDD	AVG	14.39	14.22	17.32	23.98	-6.66
	5550	110	CDD	AVG	18.13	18.35	21.25	23.98	-2.73
	5590	118	SDM	AVG	19.34	19.38	22.37	23.98	-1.61
	5630	126	SDM	AVG	18.94	19.16	22.06	23.98	-1.92
	5670	134	CDD	AVG	17.17	17.25	20.22	23.98	-3.76
	5710	142	SDM	AVG	19.13	19.20	22.17	23.98	-1.81
	5755	151	CDD	AVG	19.11	19.49	22.32	30.00	-7.68
	5795	159	CDD	AVG	19.12	19.19	22.16	30.00	-7.84

Table 7-104. FCC CDD/SDM 40MHz BW 802.11ax (SU) (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 3b	Summed		
	5190	38	CDD	AVG	13.13	13.47	16.31	23.98	-7.67
	5230	46	SDM	AVG	19.19	19.18	22.19	23.98	-1.79
	5270	54	CDD	AVG	17.73	17.75	20.75	23.98	-3.23
	5310	62	CDD	AVG	14.95	14.80	17.88	23.98	-6.10
	5510	102	CDD	AVG	13.67	13.80	16.75	23.98	-7.23
	5550	110	CDD	AVG	17.89	17.91	20.91	23.98	-3.07
	5590	118	SDM	AVG	19.19	19.31	22.26	23.98	-1.72
	5630	126	SDM	AVG	18.72	18.72	21.73	23.98	-2.25
	5670	134	CDD	AVG	15.70	15.91	18.81	23.98	-5.17
	5710	142	SDM	AVG	19.20	19.12	22.17	23.98	-1.81
	5755	151	CDD	AVG	19.22	19.10	22.17	30.00	-7.83
	5795	159	CDD	AVG	19.00	19.25	22.14	30.00	-7.86

Table 7-105. FCC CDD/SDM 40MHz BW 802.11ax (SU) (UNII) Maximum Conducted Output Power (Mid Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 3b	Summed		
	5190	38	CDD	AVG	12.88	12.62	15.76	23.98	-8.22
	5230	46	SDM	AVG	18.97	18.72	21.86	23.98	-2.12
	5270	54	CDD	AVG	17.91	17.67	20.80	23.98	-3.18
	5310	62	CDD	AVG	12.95	12.82	15.89	23.98	-8.09
	5510	102	CDD	AVG	12.49	12.33	15.42	23.98	-8.56
	5550	110	CDD	AVG	17.13	17.45	20.30	23.98	-3.68
	5590	118	SDM	AVG	19.13	19.16	22.15	23.98	-1.83
	5630	126	CDD	AVG	18.44	18.38	21.42	23.98	-2.56
	5670	134	CDD	AVG	13.72	13.69	16.72	23.98	-7.26
	5710	142	SDM	AVG	19.13	19.34	22.25	23.98	-1.73
	5755	151	CDD	AVG	19.33	19.37	22.36	30.00	-7.64
	5795	159	CDD	AVG	19.39	19.30	22.36	30.00	-7.64

Table 7-106. FCC CDD/SDM 40MHz BW 802.11ax (SU) (UNII) Maximum Conducted Output Power (High Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 3b	Summed		
	5210	42	CDD	AVG	13.67	13.77	16.73	23.98	-7.25
	5290	58	CDD	AVG	16.67	16.99	19.84	23.98	-4.14
	5530	106	CDD	AVG	14.31	13.87	17.10	23.98	-6.88
	5610	122	CDD	AVG	18.16	17.88	21.03	23.98	-2.95
	5690	138	CDD	AVG	19.21	19.44	22.33	23.98	-1.65
	5775	155	CDD	AVG	17.85	17.62	20.75	30.00	-9.25

Table 7-107. FCC CDD 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 3b	Summed		
	5210	42	CDD	AVG	13.19	13.47	16.34	23.98	-7.64
	5290	58	CDD	AVG	15.66	15.77	18.73	23.98	-5.25
	5530	106	CDD	AVG	13.94	13.81	16.89	23.98	-7.09
	5610	122	CDD	AVG	17.79	17.76	20.78	23.98	-3.20
	5690	138	CDD	AVG	19.22	19.03	22.14	23.98	-1.84
	5775	155	CDD	AVG	17.27	17.14	20.21	30.00	-9.79

Table 7-108. FCC CDD 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power (Mid Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 3b	Summed		
	5210	42	CDD	AVG	12.79	12.71	15.76	23.98	-8.22
	5290	58	CDD	AVG	13.22	13.48	16.36	23.98	-7.62
	5530	106	CDD	AVG	12.79	12.94	15.88	23.98	-8.10
	5610	122	CDD	AVG	16.99	16.69	19.85	23.98	-4.13
	5690	138	CDD	AVG	19.24	19.28	22.27	23.98	-1.71
	5775	155	CDD	AVG	16.12	16.12	19.13	30.00	-10.87

Table 7-109. FCC CDD 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power (High Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 3b	Summed		
	5210	42	CDD	AVG	13.41	13.34	16.39	23.98	-7.59
	5290	58	CDD	AVG	16.42	16.34	19.39	23.98	-4.59
	5530	106	CDD	AVG	13.85	13.87	16.87	23.98	-7.11
	5610	122	CDD	AVG	17.82	17.88	20.86	23.98	-3.12
	5690	138	CDD	AVG	19.39	19.44	22.42	23.98	-1.56
	5775	155	CDD	AVG	16.69	16.82	19.76	30.00	-10.24

Table 7-110. FCC CDD 80MHz BW 802.11ax (SU) (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 3b	Summed		
	5210	42	CDD	AVG	12.65	12.68	15.68	23.98	-8.30
	5290	58	CDD	AVG	15.26	15.43	18.35	23.98	-5.63
	5530	106	CDD	AVG	13.18	13.21	16.21	23.98	-7.77
	5610	122	CDD	AVG	16.95	16.90	19.94	23.98	-4.04
	5690	138	CDD	AVG	19.43	19.25	22.35	23.98	-1.63
	5775	155	CDD	AVG	16.64	16.67	19.66	30.00	-10.34

Table 7-111. FCC CDD 80MHz BW 802.11ax (SU) (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 3b	Summed		
	5210	42	CDD	AVG	12.83	12.72	15.78	23.98	-8.20
	5290	58	CDD	AVG	13.10	13.24	16.18	23.98	-7.80
	5530	106	CDD	AVG	12.91	12.64	15.79	23.98	-8.19
	5610	122	CDD	AVG	16.25	16.32	19.30	23.98	-4.68
	5690	138	CDD	AVG	19.36	19.13	22.26	23.98	-1.72
	5775	155	CDD	AVG	15.76	15.78	18.78	30.00	-11.22

Table 7-112. FCC CDD 80MHz BW 802.11ax (SU) (UNII) Maximum Conducted Output Power (High Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 3b	Summed		
	5250	50	CDD	AVG	12.84	12.66	15.76	23.98	-8.22
	5570	114	CDD	AVG	13.36	13.29	16.34	23.98	-7.64

Table 7-113. FCC CDD 160MHz BW 802.11ac (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 3b	Summed		
	5250	50	CDD	AVG	12.65	12.41	15.55	23.98	-8.43
	5570	114	CDD	AVG	12.79	12.81	15.81	23.98	-8.17

Table 7-114. FCC CDD 160MHz BW 802.11ac (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 3b	Summed		
	5250	50	CDD	AVG	11.95	11.89	14.93	23.98	-9.05
	5570	114	CDD	AVG	11.92	11.81	14.87	23.98	-9.11

Table 7-115. FCC CDD 160MHz BW 802.11ac (UNII) Maximum Conducted Output Power (High Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 3b	Summed		
	5250	50	CDD	AVG	12.75	12.70	15.73	23.98	-8.25
	5570	114	CDD	AVG	13.32	13.14	16.24	23.98	-7.74

Table 7-116. FCC CDD 160MHz BW 802.11ax (SU) (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 3b	Summed		
	5250	50	CDD	AVG	12.63	12.66	15.66	23.98	-8.32
	5570	114	CDD	AVG	12.86	12.82	15.85	23.98	-8.13

Table 7-117. FCC CDD 160MHz BW 802.11ax (SU) (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 3b	Summed		
	5250	50	CDD	AVG	11.73	11.84	14.79	23.98	-9.19
	5570	114	CDD	AVG	12.00	11.78	14.90	23.98	-9.08

Table 7-118. FCC CDD 160MHz BW 802.11ax (SU) (UNII) Maximum Conducted Output Power (High Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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7.4.8 ISED CDD/SDM Primary Maximum Conducted Output Power Measurements

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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	CDD	AVG	8.58	8.73	11.67	-	-	3.70	15.37	23.01	-7.64
	5200	40	CDD	AVG	8.56	8.53	11.55	-	-	3.70	15.25	23.01	-7.76
	5240	48	CDD	AVG	8.55	8.48	11.52	-	-	3.70	15.22	23.01	-7.79
	5260	52	CDD	AVG	15.96	16.03	19.00	23.98	-4.98	3.70	22.70	30.00	-7.30
	5300	60	CDD	AVG	15.98	16.19	19.10	23.98	-4.88	3.70	22.80	30.00	-7.20
	5320	64	CDD	AVG	16.24	15.89	19.08	23.98	-4.90	3.70	22.78	30.00	-7.22
	5500	100	CDD	AVG	15.95	15.62	18.80	23.98	-5.18	4.60	23.40	30.00	-6.60
	5580	116	CDD	AVG	15.87	15.78	18.84	23.98	-5.14	4.60	23.44	30.00	-6.56
	5720	144	CDD	AVG	15.86	15.74	18.81	23.98	-5.17	4.60	23.41	30.00	-6.59
	5745	149	CDD	AVG	19.17	19.49	22.34	30.00	-7.66	3.70	26.04	-	-
	5785	157	CDD	AVG	19.22	19.19	22.21	30.00	-7.79	3.70	25.91	-	-
	5825	165	CDD	AVG	19.29	19.14	22.23	30.00	-7.77	3.70	25.93	-	-

Table 7-119. ISED CDD 20MHz BW 802.11a (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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	CDD	AVG	8.59	8.56	11.59	-	-	3.70	15.29	23.01	-7.72
	5200	40	CDD	AVG	8.49	8.70	11.61	-	-	3.70	15.31	23.01	-7.70
	5240	48	CDD	AVG	8.40	8.64	11.53	-	-	3.70	15.23	23.01	-7.78
	5260	52	CDD	AVG	16.17	15.93	19.06	23.98	-4.92	3.70	22.76	30.00	-7.24
	5300	60	CDD	AVG	16.21	15.91	19.08	23.98	-4.90	3.70	22.78	30.00	-7.22
	5320	64	CDD	AVG	16.12	16.20	19.17	23.98	-4.81	3.70	22.87	30.00	-7.13
	5500	100	CDD	AVG	15.76	15.93	18.86	23.98	-5.12	4.60	23.46	30.00	-6.54
	5520	104	CDD	AVG	15.76	15.98	18.88	23.98	-5.10	4.60	23.48	30.00	-6.52
	5580	116	CDD	AVG	15.64	15.94	18.80	23.98	-5.18	4.60	23.40	30.00	-6.60
	5680	136	CDD	AVG	15.82	15.64	18.74	23.98	-5.24	4.60	23.34	30.00	-6.66
	5700	140	CDD	AVG	15.86	15.90	18.89	23.98	-5.09	4.60	23.49	30.00	-6.51
	5720	144	CDD	AVG	15.80	15.90	18.86	23.98	-5.12	4.60	23.46	30.00	-6.54

Table 7-120. ISED CDD 20MHz BW 802.11a (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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	CDD	AVG	8.50	8.61	11.56	-	-	3.70	15.26	23.01	-7.75
	5200	40	CDD	AVG	8.58	8.36	11.48	-	-	3.70	15.18	23.01	-7.83
	5240	48	CDD	AVG	8.48	8.65	11.58	-	-	3.70	15.28	23.01	-7.73
	5260	52	CDD	AVG	16.21	15.96	19.10	23.98	-4.88	3.70	22.80	30.00	-7.20
	5300	60	CDD	AVG	16.13	16.04	19.09	23.98	-4.89	3.70	22.79	30.00	-7.21
	5320	64	CDD	AVG	15.40	15.48	18.45	23.98	-5.53	3.70	22.15	30.00	-7.85
	5500	100	CDD	AVG	13.98	14.23	17.12	23.98	-6.86	4.60	21.72	30.00	-8.28
	5520	104	CDD	AVG	15.94	15.75	18.86	23.98	-5.12	4.60	23.46	30.00	-6.54
	5580	116	CDD	AVG	15.64	15.98	18.82	23.98	-5.16	4.60	23.42	30.00	-6.58
	5680	136	CDD	AVG	15.75	15.71	18.74	23.98	-5.24	4.60	23.34	30.00	-6.66
	5700	140	CDD	AVG	13.47	13.16	16.33	23.98	-7.65	4.60	20.93	30.00	-9.07
	5720	144	CDD	AVG	15.79	15.95	18.88	23.98	-5.10	4.60	23.48	30.00	-6.52

Table 7-121. ISED CDD 20MHz BW 802.11a (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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	11.68	11.74	14.72	-	-	3.60	18.32	23.01	-4.69
	5200	40	SDM	AVG	11.66	11.45	14.57	-	-	3.60	18.17	23.01	-4.84
	5240	48	SDM	AVG	11.63	11.74	14.69	-	-	3.60	18.29	23.01	-4.72
	5260	52	SDM	AVG	16.67	16.71	19.70	23.98	-4.28	3.50	23.20	30.00	-6.80
	5300	60	SDM	AVG	16.96	16.86	19.92	23.98	-4.06	3.50	23.42	30.00	-6.58
	5320	64	SDM	AVG	16.80	16.75	19.79	23.98	-4.19	3.50	23.29	30.00	-6.71
	5500	100	SDM	AVG	16.81	16.86	19.84	23.98	-4.14	3.87	23.71	30.00	-6.29
	5580	116	SDM	AVG	16.85	16.66	19.77	23.98	-4.21	3.87	23.64	30.00	-6.36
	5720	144	SDM	AVG	16.63	16.92	19.79	23.98	-4.19	3.87	23.66	30.00	-6.34
	5745	149	CDD	AVG	19.48	19.25	22.38	30.00	-7.62	3.70	26.08	-	-
	5785	157	CDD	AVG	19.15	19.14	22.15	30.00	-7.85	3.70	25.85	-	-
	5825	165	CDD	AVG	19.23	19.33	22.29	30.00	-7.71	3.70	25.99	-	-

Table 7-122. ISED CDD/SDM 20MHz BW 802.11n (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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	11.73	11.72	14.74	-	-	3.60	18.34	23.01	-4.67
	5200	40	SDM	AVG	11.62	11.74	14.69	-	-	3.60	18.29	23.01	-4.72
	5240	48	SDM	AVG	11.50	11.73	14.62	-	-	3.60	18.22	23.01	-4.79
	5260	52	SDM	AVG	16.82	16.70	19.77	23.98	-4.21	3.50	23.27	30.00	-6.73
	5300	60	SDM	AVG	16.81	16.65	19.74	23.98	-4.24	3.50	23.24	30.00	-6.76
	5320	64	SDM	AVG	16.91	16.65	19.79	23.98	-4.19	3.50	23.29	30.00	-6.71
	5500	100	CDD	AVG	15.88	16.00	18.95	23.98	-5.03	4.60	23.55	30.00	-6.45
	5520	104	SDM	AVG	16.87	16.90	19.89	23.98	-4.09	3.87	23.76	30.00	-6.24
	5580	116	SDM	AVG	16.83	16.99	19.92	23.98	-4.06	3.87	23.79	30.00	-6.21
	5680	136	SDM	AVG	16.64	16.87	19.77	23.98	-4.21	3.87	23.64	30.00	-6.36
	5700	140	CDD	AVG	15.88	15.96	18.93	23.98	-5.05	4.60	23.53	30.00	-6.47
	5720	144	SDM	AVG	16.64	16.70	19.68	23.98	-4.30	3.87	23.55	30.00	-6.45
	5745	149	CDD	AVG	19.21	19.18	22.21	30.00	-7.79	3.70	25.91	-	-
	5785	157	CDD	AVG	19.27	19.25	22.27	30.00	-7.73	3.70	25.97	-	-
	5825	165	CDD	AVG	19.14	19.32	22.24	30.00	-7.76	3.70	25.94	-	-

Table 7-123. ISED CDD/SDM 20MHz BW 802.11n (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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	11.40	11.72	14.57	-	-	3.60	18.17	23.01	-4.84
	5200	40	SDM	AVG	11.73	11.41	14.59	-	-	3.60	18.19	23.01	-4.82
	5240	48	SDM	AVG	11.58	11.57	14.58	-	-	3.60	18.18	23.01	-4.83
	5260	52	SDM	AVG	16.63	16.68	19.67	23.98	-4.31	3.50	23.17	30.00	-6.83
	5300	60	SDM	AVG	16.75	16.80	19.79	23.98	-4.19	3.50	23.29	30.00	-6.71
	5320	64	CDD	AVG	15.67	15.36	18.53	23.98	-5.45	3.70	22.23	30.00	-7.77
	5500	100	CDD	AVG	14.07	13.96	17.03	23.98	-6.95	4.60	21.63	30.00	-8.37
	5520	104	SDM	AVG	16.91	16.93	19.93	23.98	-4.05	3.87	23.80	30.00	-6.20
	5580	116	SDM	AVG	16.87	16.64	19.77	23.98	-4.21	3.87	23.64	30.00	-6.36
	5680	136	SDM	AVG	16.72	16.83	19.78	23.98	-4.20	3.87	23.65	30.00	-6.35
	5700	140	CDD	AVG	13.32	13.49	16.41	23.98	-7.57	4.60	21.01	30.00	-8.99
	5720	144	SDM	AVG	16.70	16.79	19.75	23.98	-4.23	3.87	23.62	30.00	-6.38
	5745	149	CDD	AVG	19.26	19.44	22.36	30.00	-7.64	3.70	26.06	-	-
	5785	157	CDD	AVG	19.16	19.31	22.25	30.00	-7.75	3.70	25.95	-	-
	5825	165	CDD	AVG	19.27	19.32	22.30	30.00	-7.70	3.70	26.00	-	-

Table 7-124. ISED CDD/SDM 20MHz BW 802.11n (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 119 of 595

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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	11.37	11.63	14.51	-	-	3.60	18.11	23.01	-4.90
	5200	40	SDM	AVG	11.58	11.56	14.58	-	-	3.60	18.18	23.01	-4.83
	5240	48	SDM	AVG	11.73	11.49	14.62	-	-	3.60	18.22	23.01	-4.79
	5260	52	SDM	AVG	16.69	16.84	19.78	23.98	-4.20	3.50	23.28	30.00	-6.72
	5300	60	SDM	AVG	16.87	16.77	19.83	23.98	-4.15	3.50	23.33	30.00	-6.67
	5320	64	SDM	AVG	16.61	16.86	19.75	23.98	-4.23	3.50	23.25	30.00	-6.75
	5500	100	SDM	AVG	16.96	16.99	19.99	23.98	-3.99	3.87	23.86	30.00	-6.14
	5580	116	SDM	AVG	16.63	16.86	19.76	23.98	-4.22	3.87	23.63	30.00	-6.37
	5720	144	SDM	AVG	16.77	16.77	19.78	23.98	-4.20	3.87	23.65	30.00	-6.35
	5745	149	CDD	AVG	19.11	19.14	22.14	30.00	-7.86	3.70	25.84	-	-
	5785	157	CDD	AVG	19.17	19.16	22.17	30.00	-7.83	3.70	25.87	-	-
	5825	165	CDD	AVG	19.16	19.49	22.34	30.00	-7.66	3.70	26.04	-	-

Table 7-125. ISED CDD/SDM 20MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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	11.72	11.52	14.63	-	-	3.60	18.23	23.01	-4.78
	5200	40	SDM	AVG	11.55	11.68	14.62	-	-	3.60	18.22	23.01	-4.79
	5240	48	SDM	AVG	11.44	11.64	14.55	-	-	3.60	18.15	23.01	-4.86
	5260	52	SDM	AVG	16.97	16.61	19.81	23.98	-4.17	3.50	23.31	30.00	-6.69
	5300	60	SDM	AVG	16.89	16.63	19.77	23.98	-4.21	3.50	23.27	30.00	-6.73
	5320	64	SDM	AVG	16.35	16.42	19.39	23.98	-4.59	3.50	22.89	30.00	-7.11
	5500	100	CDD	AVG	15.25	15.13	18.20	23.98	-5.78	4.60	22.80	30.00	-7.20
	5520	104	SDM	AVG	16.83	16.75	19.80	23.98	-4.18	3.87	23.67	30.00	-6.33
	5580	116	SDM	AVG	16.77	16.98	19.89	23.98	-4.09	3.87	23.76	30.00	-6.24
	5680	136	SDM	AVG	16.89	16.66	19.78	23.98	-4.20	3.87	23.65	30.00	-6.35
	5700	140	CDD	AVG	14.75	14.93	17.85	23.98	-6.13	4.60	22.45	30.00	-7.55
	5720	144	SDM	AVG	16.98	16.87	19.93	23.98	-4.05	3.87	23.80	30.00	-6.20
	5745	149	CDD	AVG	19.18	19.21	22.20	30.00	-7.80	3.70	25.90	-	-
	5785	157	CDD	AVG	19.26	19.11	22.20	30.00	-7.80	3.70	25.90	-	-
	5825	165	CDD	AVG	19.27	19.15	22.22	30.00	-7.78	3.70	25.92	-	-

Table 7-126. ISED CDD/SDM 20MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 120 of 595

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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	11.35	11.43	14.40	-	-	3.60	18.00	23.01	-5.01
	5200	40	SDM	AVG	11.35	11.64	14.51	-	-	3.60	18.11	23.01	-4.90
	5240	48	SDM	AVG	11.72	11.42	14.58	-	-	3.60	18.18	23.01	-4.83
	5260	52	SDM	AVG	16.77	16.87	19.83	23.98	-4.15	3.50	23.33	30.00	-6.67
	5300	60	SDM	AVG	16.70	16.97	19.85	23.98	-4.13	3.50	23.35	30.00	-6.65
	5320	64	CDD	AVG	15.38	15.25	18.32	23.98	-5.66	3.70	22.02	30.00	-7.98
	5500	100	CDD	AVG	13.91	13.74	16.84	23.98	-7.14	4.60	21.44	30.00	-8.56
	5520	104	SDM	AVG	16.63	16.63	19.64	23.98	-4.34	3.87	23.51	30.00	-6.49
	5580	116	SDM	AVG	16.78	16.82	19.81	23.98	-4.17	3.87	23.68	30.00	-6.32
	5680	136	SDM	AVG	16.81	16.63	19.73	23.98	-4.25	3.87	23.60	30.00	-6.40
	5700	140	CDD	AVG	13.07	13.15	16.12	23.98	-7.86	4.60	20.72	30.00	-9.28
	5720	144	SDM	AVG	16.80	16.93	19.88	23.98	-4.10	3.87	23.75	30.00	-6.25

Table 7-127. ISD CDD/SDM 20MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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	14.10	14.10	17.11	-	-	3.60	20.71	23.01	-2.30
	5230	46	SDM	AVG	14.01	13.99	17.01	-	-	3.60	20.61	23.01	-2.40
	5270	54	SDM	AVG	19.42	19.21	22.33	23.98	-1.65	3.50	25.83	30.00	-4.17
	5310	62	CDD	AVG	16.46	16.43	19.45	23.98	-4.53	3.70	23.15	30.00	-6.85
	5510	102	CDD	AVG	15.40	15.39	18.40	23.98	-5.58	4.60	23.00	30.00	-7.00
	5550	110	SDM	AVG	18.93	18.75	21.85	23.98	-2.13	3.87	25.72	30.00	-4.28
	5670	134	CDD	AVG	17.67	17.84	20.76	23.98	-3.22	4.60	25.36	30.00	-4.64
	5710	142	SDM	AVG	19.11	19.37	22.25	23.98	-1.73	3.87	26.12	30.00	-3.88

Table 7-128. ISD CDD/SDM 40MHz BW 802.11n (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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	13.73	13.87	16.81	-	-	3.60	20.41	23.01	-2.60
	5230	46	SDM	AVG	13.96	13.98	16.98	-	-	3.60	20.58	23.01	-2.43
	5270	54	CDD	AVG	18.66	18.48	21.58	23.98	-2.40	3.70	25.28	30.00	-4.72
	5310	62	CDD	AVG	15.35	15.49	18.43	23.98	-5.55	3.70	22.13	30.00	-7.87
	5510	102	CDD	AVG	14.72	14.88	17.81	23.98	-6.17	4.60	22.41	30.00	-7.59
	5550	110	CDD	AVG	18.41	18.33	21.38	23.98	-2.60	4.60	25.98	30.00	-4.02
	5670	134	CDD	AVG	16.69	16.81	19.76	23.98	-4.22	4.60	24.36	30.00	-5.64
	5710	142	SDM	AVG	19.24	19.47	22.36	23.98	-1.62	3.87	26.23	30.00	-3.77

Table 7-129. ISD CDD/SDM 40MHz BW 802.11n (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 121 of 595

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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	12.81	12.84	15.83	-	-	3.60	19.43	23.01	-3.58
	5230	46	SDM	AVG	14.10	14.02	17.07	-	-	3.60	20.67	23.01	-2.34
	5270	54	CDD	AVG	18.68	18.56	21.63	23.98	-2.35	3.70	25.33	30.00	-4.67
	5310	62	CDD	AVG	13.84	13.92	16.89	23.98	-7.09	3.70	20.59	30.00	-9.41
	5510	102	CDD	AVG	12.11	12.36	15.24	23.98	-8.74	4.60	19.84	30.00	-10.16
	5550	110	CDD	AVG	17.78	17.81	20.81	23.98	-3.17	4.60	25.41	30.00	-4.59
	5670	134	CDD	AVG	13.99	14.15	17.08	23.98	-6.90	4.60	21.68	30.00	-8.32
	5710	142	SDM	AVG	19.46	19.18	22.33	23.98	-1.65	3.87	26.20	30.00	-3.80
	5755	151	CDD	AVG	19.43	19.47	22.46	30.00	-7.54	3.70	26.16	-	-
	5795	159	CDD	AVG	19.50	19.38	22.45	30.00	-7.55	3.70	26.15	-	-

Table 7-130. ISED CDD/SDM 40MHz BW 802.11n (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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	13.33	13.27	16.31	-	-	3.60	19.91	23.01	-3.10
	5230	46	SDM	AVG	14.03	14.04	17.04	-	-	3.60	20.64	23.01	-2.37
	5270	54	SDM	AVG	18.79	18.67	21.74	23.98	-2.24	3.50	25.24	30.00	-4.76
	5310	62	CDD	AVG	16.00	15.81	18.92	23.98	-5.06	3.70	22.62	30.00	-7.38
	5510	102	CDD	AVG	14.39	14.22	17.32	23.98	-6.66	4.60	21.92	30.00	-8.08
	5550	110	CDD	AVG	18.13	18.35	21.25	23.98	-2.73	4.60	25.85	30.00	-4.15
	5670	134	CDD	AVG	17.17	17.25	20.22	23.98	-3.76	4.60	24.82	30.00	-5.18
	5710	142	SDM	AVG	19.13	19.20	22.17	23.98	-1.81	3.87	26.04	30.00	-3.96
	5755	151	CDD	AVG	19.11	19.49	22.32	30.00	-7.68	3.70	26.02	-	-
	5795	159	CDD	AVG	19.12	19.19	22.16	30.00	-7.84	3.70	25.86	-	-


Table 7-131. ISED CDD/SDM 40MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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	13.44	13.28	16.37	-	-	3.60	19.97	23.01	-3.04
	5230	46	SDM	AVG	14.05	13.99	17.03	-	-	3.60	20.63	23.01	-2.38
	5270	54	CDD	AVG	17.73	17.75	20.75	23.98	-3.23	3.70	24.45	30.00	-5.55
	5310	62	CDD	AVG	14.95	14.80	17.88	23.98	-6.10	3.70	21.58	30.00	-8.42
	5510	102	CDD	AVG	13.67	13.80	16.75	23.98	-7.23	4.60	21.35	30.00	-8.65
	5550	110	CDD	AVG	17.89	17.91	20.91	23.98	-3.07	4.60	25.51	30.00	-4.49
	5670	134	CDD	AVG	15.70	15.91	18.81	23.98	-5.17	4.60	23.41	30.00	-6.59
	5710	142	SDM	AVG	19.20	19.12	22.17	23.98	-1.81	3.87	26.04	30.00	-3.96
	5755	151	CDD	AVG	19.22	19.10	22.17	30.00	-7.83	3.70	25.87	-	-
	5795	159	CDD	AVG	19.00	19.25	22.14	30.00	-7.86	3.70	25.84	-	-

Table 7-132. ISED CDD/SDM 40MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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	12.99	12.79	15.90	-	-	3.60	19.50	23.01	-3.51
	5230	46	SDM	AVG	13.92	14.21	17.08	-	-	3.60	20.68	23.01	-2.33
	5270	54	CDD	AVG	17.91	17.67	20.80	23.98	-3.18	3.70	24.50	30.00	-5.50
	5310	62	CDD	AVG	12.95	12.82	15.89	23.98	-8.09	3.70	19.59	30.00	-10.41
	5510	102	CDD	AVG	12.49	12.33	15.42	23.98	-8.56	4.60	20.02	30.00	-9.98
	5550	110	CDD	AVG	17.13	17.45	20.30	23.98	-3.68	4.60	24.90	30.00	-5.10
	5670	134	CDD	AVG	13.72	13.69	16.72	23.98	-7.26	4.60	21.32	30.00	-8.68
	5710	142	SDM	AVG	19.13	19.34	22.25	23.98	-1.73	3.87	26.12	30.00	-3.88
	5755	151	CDD	AVG	19.33	19.37	22.36	30.00	-7.64	3.70	26.06	-	-
	5795	159	CDD	AVG	19.39	19.30	22.36	30.00	-7.64	3.70	26.06	-	-

Table 7-133. ISED CDD/SDM 40MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 122 of 595

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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	13.72	13.80	16.77	-	-	3.70	20.47	23.01	-2.54
	5290	58	CDD	AVG	16.67	16.99	19.84	23.98	-4.14	3.70	23.54	30.00	-6.46
	5530	106	CDD	AVG	14.31	13.87	17.10	23.98	-6.88	4.60	21.70	30.00	-8.30
	5690	138	CDD	AVG	19.21	19.44	22.33	23.98	-1.65	4.60	26.93	30.00	-3.07
	5775	155	CDD	AVG	17.85	17.62	20.75	30.00	-9.25	3.70	24.45	-	-

Table 7-134. ISED CDD 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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	13.11	13.17	16.15	-	-	3.70	19.85	23.01	-3.16
	5290	58	CDD	AVG	15.66	15.77	18.73	23.98	-5.25	3.70	22.43	30.00	-7.57
	5530	106	CDD	AVG	13.94	13.81	16.89	23.98	-7.09	4.60	21.49	30.00	-8.51
	5690	138	CDD	AVG	19.22	19.03	22.14	23.98	-1.84	4.60	26.74	30.00	-3.26
	5775	155	CDD	AVG	17.27	17.14	20.21	30.00	-9.79	3.70	23.91	-	-

Table 7-135. ISED CDD 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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	12.62	12.67	15.66	-	-	3.70	19.36	23.01	-3.65
	5290	58	CDD	AVG	13.22	13.48	16.36	23.98	-7.62	3.70	20.06	30.00	-9.94
	5530	106	CDD	AVG	12.79	12.94	15.88	23.98	-8.10	4.60	20.48	30.00	-9.52
	5690	138	CDD	AVG	19.24	19.28	22.27	23.98	-1.71	4.60	26.87	30.00	-3.13
	5775	155	CDD	AVG	16.12	16.12	19.13	30.00	-10.87	3.70	22.83	-	-

Table 7-136. ISED CDD 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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	13.47	13.45	16.47	-	-	3.70	20.17	23.01	-2.84
	5290	58	CDD	AVG	16.42	16.34	19.39	23.98	-4.59	3.70	23.09	30.00	-6.91
	5530	106	CDD	AVG	13.85	13.87	16.87	23.98	-7.11	4.60	21.47	30.00	-8.53
	5690	138	CDD	AVG	19.39	19.44	22.42	23.98	-1.56	4.60	27.02	30.00	-2.98
	5775	155	CDD	AVG	16.69	16.82	19.76	30.00	-10.24	3.70	23.46	-	-

Table 7-137. ISED CDD 80MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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	12.66	12.72	15.70	-	-	3.70	19.40	23.01	-3.61
	5290	58	CDD	AVG	15.26	15.43	18.35	23.98	-5.63	3.70	22.05	30.00	-7.95
	5530	106	CDD	AVG	13.18	13.21	16.21	23.98	-7.77	4.60	20.81	30.00	-9.19
	5690	138	CDD	AVG	19.43	19.25	22.35	23.98	-1.63	4.60	26.95	30.00	-3.05
	5775	155	CDD	AVG	16.64	16.67	19.66	30.00	-10.34	3.70	23.36	-	-

Table 7-138. ISED CDD 80MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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	12.90	12.67	15.80	-	-	3.70	19.50	23.01	-3.51
	5290	58	CDD	AVG	13.10	13.24	16.18	23.98	-7.80	3.70	19.88	30.00	-10.12
	5530	106	CDD	AVG	12.91	12.64	15.79	23.98	-8.19	4.60	20.39	30.00	-9.61
	5690	138	CDD	AVG	19.36	19.13	22.26	23.98	-1.72	4.60	26.86	30.00	-3.14
	5775	155	CDD	AVG	15.76	15.78	18.78	30.00	-11.22	3.70	22.48	-	-

Table 7-139. ISED CDD 80MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 123 of 595	

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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						
	5250	50	CDD	AVG	12.76	12.66	15.72	23.98	-8.09	3.70	19.59	23.01	-3.42

Table 7-140. ISED CDD 160MHz BW 802.11ac (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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						
	5250	50	CDD	AVG	12.60	12.52	15.57	23.98	-8.41	3.70	19.27	23.01	-3.74

Table 7-141. ISED CDD 160MHz BW 802.11ac (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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						
	5250	50	CDD	AVG	12.05	11.97	15.02	23.98	-8.91	3.70	18.77	23.01	-4.24

Table 7-142. ISED CDD 160MHz BW 802.11ac (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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						
	5250	50	CDD	AVG	12.99	12.94	15.98	23.98	-8.15	3.70	19.68	23.01	-3.33

Table 7-143. ISED CDD 160MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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						
	5250	50	CDD	AVG	12.73	12.71	15.73	23.98	-8.23	3.70	19.43	23.01	-3.58

Table 7-144. ISED CDD 160MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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						
	5250	50	CDD	AVG	11.64	11.97	14.82	23.98	-9.22	3.70	18.52	23.01	-4.49

Table 7-145. ISED CDD 160MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 124 of 595


7.4.9 FCC CDD Diversity Maximum Conducted Output Power Measurements

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 1b	Summed		
	5180	36	CDD	AVG	16.01	16.12	19.07	23.98	-4.91
	5200	40	CDD	AVG	15.89	16.05	18.98	23.98	-5.00
	5240	48	CDD	AVG	16.01	16.04	19.04	23.98	-4.94
	5260	52	CDD	AVG	15.96	16.21	19.10	23.98	-4.88
	5300	60	CDD	AVG	15.98	16.19	19.10	23.98	-4.88
	5320	64	CDD	AVG	16.24	16.00	19.13	23.98	-4.85
	5500	100	CDD	AVG	15.95	15.92	18.95	23.98	-5.03
	5580	116	CDD	AVG	15.87	15.82	18.86	23.98	-5.12
	5720	144	CDD	AVG	15.86	15.88	18.88	23.98	-5.10
	5745	149	CDD	AVG	19.17	19.45	22.32	30.00	-7.68
	5785	157	CDD	AVG	19.22	19.43	22.33	30.00	-7.67
	5825	165	CDD	AVG	19.29	19.29	22.30	30.00	-7.70

Table 7-146. FCC CDD 20MHz BW 802.11a (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 1b	Summed		
	5180	36	CDD	AVG	16.07	16.04	19.07	23.98	-4.91
	5200	40	CDD	AVG	16.07	16.15	19.12	23.98	-4.86
	5240	48	CDD	AVG	15.94	15.96	18.96	23.98	-5.02
	5260	52	CDD	AVG	16.17	15.98	19.09	23.98	-4.89
	5300	60	CDD	AVG	16.21	15.95	19.09	23.98	-4.89
	5320	64	CDD	AVG	16.12	15.86	19.00	23.98	-4.98
	5500	100	CDD	AVG	15.76	15.88	18.83	23.98	-5.15
	5520	104	CDD	AVG	15.76	15.77	18.78	23.98	-5.20
	5580	116	CDD	AVG	15.64	15.76	18.71	23.98	-5.27
	5680	136	CDD	AVG	15.82	15.93	18.88	23.98	-5.10
	5700	140	CDD	AVG	15.86	15.87	18.87	23.98	-5.11
	5720	144	CDD	AVG	15.80	15.64	18.74	23.98	-5.24
	5745	149	CDD	AVG	19.26	19.14	22.21	30.00	-7.79
	5785	157	CDD	AVG	19.41	19.46	22.44	30.00	-7.56
	5825	165	CDD	AVG	19.26	19.41	22.35	30.00	-7.65

Table 7-147. FCC CDD 20MHz BW 802.11a (UNII) Maximum Conducted Output Power (Mid Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 125 of 595

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5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 1b	Summed		
	5180	36	CDD	AVG	15.39	15.46	18.43	23.98	-5.55
	5200	40	CDD	AVG	16.07	15.99	19.04	23.98	-4.94
	5240	48	CDD	AVG	15.94	16.05	19.00	23.98	-4.98
	5260	52	CDD	AVG	16.21	15.95	19.09	23.98	-4.89
	5300	60	CDD	AVG	16.13	16.05	19.10	23.98	-4.88
	5320	64	CDD	AVG	15.40	15.38	18.40	23.98	-5.58
	5500	100	CDD	AVG	13.98	13.99	17.00	23.98	-6.98
	5520	104	CDD	AVG	15.94	15.85	18.91	23.98	-5.07
	5580	116	CDD	AVG	15.64	15.65	18.66	23.98	-5.32
	5680	136	CDD	AVG	15.75	15.66	18.72	23.98	-5.26
	5700	140	CDD	AVG	13.47	13.46	16.47	23.98	-7.51
	5720	144	CDD	AVG	15.79	15.76	18.78	23.98	-5.20
	5745	149	CDD	AVG	19.25	19.23	22.25	30.00	-7.75
	5785	157	CDD	AVG	19.39	19.42	22.41	30.00	-7.59
	5825	165	CDD	AVG	19.14	19.48	22.32	30.00	-7.68

Table 7-148. FCC CDD 20MHz BW 802.11a (UNII) Maximum Conducted Output Power (High Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 1b	Summed		
	5180	36	SDM	AVG	16.79	16.86	19.84	23.98	-4.14
	5200	40	SDM	AVG	16.93	16.95	19.95	23.98	-4.03
	5240	48	SDM	AVG	16.88	16.93	19.92	23.98	-4.06
	5260	52	SDM	AVG	16.67	16.88	19.79	23.98	-4.19
	5300	60	SDM	AVG	16.96	16.66	19.82	23.98	-4.16
	5320	64	SDM	AVG	16.80	16.60	19.71	23.98	-4.27
	5500	100	SDM	AVG	16.81	16.75	19.79	23.98	-4.19
	5580	116	SDM	AVG	16.85	16.62	19.75	23.98	-4.23
	5720	144	SDM	AVG	16.63	16.86	19.76	23.98	-4.22
	5745	149	CDD	AVG	19.48	19.33	22.42	30.00	-7.58
	5785	157	CDD	AVG	19.15	19.43	22.30	30.00	-7.70
	5825	165	CDD	AVG	19.23	19.27	22.26	30.00	-7.74

Table 7-149. FCC CDD/SDM 20MHz BW 802.11n (UNII) Maximum Conducted Output Power (Low Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 126 of 595

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5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 1b	Summed		
	5180	36	CDD	AVG	16.52	16.60	19.57	23.98	-4.41
	5200	40	SDM	AVG	16.75	16.78	19.78	23.98	-4.20
	5240	48	SDM	AVG	16.78	16.87	19.84	23.98	-4.14
	5260	52	SDM	AVG	16.82	16.82	19.83	23.98	-4.15
	5300	60	SDM	AVG	16.81	16.66	19.74	23.98	-4.24
	5320	64	SDM	AVG	16.91	16.93	19.93	23.98	-4.05
	5500	100	CDD	AVG	15.88	15.87	18.88	23.98	-5.10
	5520	104	SDM	AVG	16.87	16.91	19.90	23.98	-4.08
	5580	116	SDM	AVG	16.83	16.81	19.83	23.98	-4.15
	5680	136	SDM	AVG	16.64	16.77	19.72	23.98	-4.26
	5700	140	CDD	AVG	15.88	15.71	18.81	23.98	-5.17
	5720	144	SDM	AVG	16.64	16.77	19.72	23.98	-4.26
	5745	149	CDD	AVG	19.21	19.27	22.25	30.00	-7.75
	5785	157	CDD	AVG	19.27	19.30	22.29	30.00	-7.71
	5825	165	CDD	AVG	19.14	19.31	22.24	30.00	-7.76

Table 7-150. FCC CDD/SDM 20MHz BW 802.11n (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 1b	Summed		
	5180	36	CDD	AVG	15.46	15.44	18.46	23.98	-5.52
	5200	40	SDM	AVG	16.73	16.85	19.80	23.98	-4.18
	5240	48	SDM	AVG	16.82	16.94	19.89	23.98	-4.09
	5260	52	SDM	AVG	16.63	16.95	19.80	23.98	-4.18
	5300	60	SDM	AVG	16.75	16.77	19.77	23.98	-4.21
	5320	64	CDD	AVG	15.67	15.43	18.56	23.98	-5.42
	5500	100	CDD	AVG	14.07	13.90	17.00	23.98	-6.98
	5520	104	SDM	AVG	16.91	16.81	19.87	23.98	-4.11
	5580	116	SDM	AVG	16.87	16.87	19.88	23.98	-4.10
	5680	136	SDM	AVG	16.72	16.93	19.83	23.98	-4.15
	5700	140	CDD	AVG	13.32	13.29	16.31	23.98	-7.67
	5720	144	SDM	AVG	16.70	16.82	19.77	23.98	-4.21
	5745	149	CDD	AVG	19.26	19.22	22.25	30.00	-7.75
	5785	157	CDD	AVG	19.16	19.39	22.29	30.00	-7.71
	5825	165	CDD	AVG	19.27	19.21	22.25	30.00	-7.75

Table 7-151. FCC CDD/SDM 20MHz BW 802.11n (UNII) Maximum Conducted Output Power (High Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 127 of 595

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5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 1b	Summed		
	5180	36	CDD	AVG	15.77	15.76	18.77	23.98	-5.21
	5200	40	SDM	AVG	16.70	16.61	19.67	23.98	-4.31
	5240	48	SDM	AVG	16.81	16.60	19.72	23.98	-4.26
	5260	52	SDM	AVG	16.69	16.65	19.68	23.98	-4.30
	5300	60	SDM	AVG	16.87	16.73	19.81	23.98	-4.17
	5320	64	SDM	AVG	16.61	16.61	19.62	23.98	-4.36
	5500	100	SDM	AVG	16.96	16.87	19.92	23.98	-4.06
	5580	116	SDM	AVG	16.63	16.78	19.72	23.98	-4.26
	5680	136	SDM	AVG	16.94	16.79	19.88	23.98	-4.10
	5700	140	CDD	AVG	15.79	15.97	18.89	23.98	-5.09
	5720	144	SDM	AVG	16.77	16.83	19.81	23.98	-4.17
	5745	149	CDD	AVG	19.11	19.44	22.28	30.00	-7.72
	5785	157	CDD	AVG	19.17	19.15	22.17	30.00	-7.83
	5825	165	CDD	AVG	19.16	19.12	22.15	30.00	-7.85

Table 7-152. FCC CDD/SDM 20MHz BW 802.11ax (SU) (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 1b	Summed		
	5180	36	CDD	AVG	15.66	15.86	18.77	23.98	-5.21
	5200	40	SDM	AVG	16.82	16.63	19.73	23.98	-4.25
	5240	48	SDM	AVG	16.83	16.67	19.76	23.98	-4.22
	5260	52	SDM	AVG	16.97	16.59	19.80	23.98	-4.18
	5300	60	SDM	AVG	16.89	16.71	19.81	23.98	-4.17
	5320	64	SDM	AVG	16.35	16.15	19.26	23.98	-4.72
	5500	100	CDD	AVG	15.25	15.29	18.28	23.98	-5.70
	5520	104	SDM	AVG	16.83	16.73	19.79	23.98	-4.19
	5580	116	SDM	AVG	16.77	16.99	19.89	23.98	-4.09
	5680	136	SDM	AVG	16.89	16.65	19.78	23.98	-4.20
	5700	140	CDD	AVG	14.75	14.56	17.67	23.98	-6.31
	5720	144	SDM	AVG	16.98	16.68	19.84	23.98	-4.14
	5745	149	CDD	AVG	19.18	19.24	22.22	30.00	-7.78
	5785	157	CDD	AVG	19.26	19.25	22.26	30.00	-7.74
	5825	165	CDD	AVG	19.27	19.31	22.30	30.00	-7.70

Table 7-153. FCC CDD/SDM 20MHz BW 802.11ax (SU) (UNII) Maximum Conducted Output Power (Mid Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 128 of 595

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5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 1b	Summed		
	5180	36	CDD	AVG	15.44	15.19	18.33	23.98	-5.65
	5200	40	SDM	AVG	16.67	16.66	19.67	23.98	-4.31
	5240	48	SDM	AVG	16.97	16.83	19.91	23.98	-4.07
	5260	52	SDM	AVG	16.77	16.75	19.77	23.98	-4.21
	5300	60	SDM	AVG	16.70	16.89	19.81	23.98	-4.17
	5320	64	CDD	AVG	15.38	15.25	18.32	23.98	-5.66
	5500	100	CDD	AVG	13.91	13.91	16.92	23.98	-7.06
	5520	104	SDM	AVG	16.63	16.92	19.79	23.98	-4.19
	5580	116	SDM	AVG	16.78	16.77	19.79	23.98	-4.19
	5680	136	SDM	AVG	16.81	16.66	19.75	23.98	-4.23
	5700	140	CDD	AVG	13.07	13.02	16.05	23.98	-7.93
	5720	144	SDM	AVG	16.80	16.63	19.73	23.98	-4.25
	5745	149	CDD	AVG	19.32	19.34	22.34	30.00	-7.66
	5785	157	CDD	AVG	19.26	19.46	22.37	30.00	-7.63
	5825	165	CDD	AVG	19.28	19.35	22.33	30.00	-7.67

Table 7-154. FCC CDD/SDM 20MHz BW 802.11ax (SU) (UNII) Maximum Conducted Output Power (High Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 1b	Summed		
	5190	38	CDD	AVG	14.42	14.27	17.36	23.98	-6.62
	5230	46	SDM	AVG	19.32	19.43	22.39	23.98	-1.59
	5270	54	SDM	AVG	19.42	19.24	22.34	23.98	-1.64
	5310	62	CDD	AVG	16.46	16.63	19.56	23.98	-4.42
	5510	102	CDD	AVG	15.40	15.44	18.43	23.98	-5.55
	5550	110	SDM	AVG	18.93	18.81	21.88	23.98	-2.10
	5590	118	SDM	AVG	19.32	19.21	22.27	23.98	-1.71
	5630	126	SDM	AVG	19.07	19.19	22.14	23.98	-1.84
	5670	134	CDD	AVG	17.67	17.88	20.78	23.98	-3.20
	5710	142	SDM	AVG	19.11	19.29	22.21	23.98	-1.77
	5755	151	CDD	AVG	19.14	19.29	22.22	30.00	-7.78
	5795	159	CDD	AVG	19.40	19.42	22.42	30.00	-7.58

Table 7-155. FCC CDD/SDM 40MHz BW 802.11n (UNII) Maximum Conducted Output Power (Low Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 129 of 595

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5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 1b	Summed		
	5190	38	CDD	AVG	13.65	13.71	16.69	23.98	-7.29
	5230	46	SDM	AVG	19.17	19.45	22.32	23.98	-1.66
	5270	54	CDD	AVG	18.66	18.63	21.65	23.98	-2.33
	5310	62	CDD	AVG	15.35	15.49	18.43	23.98	-5.55
	5510	102	CDD	AVG	14.72	14.56	17.65	23.98	-6.33
	5550	110	CDD	AVG	18.41	18.42	21.42	23.98	-2.56
	5590	118	SDM	AVG	19.22	19.23	22.24	23.98	-1.74
	5630	126	SDM	AVG	19.23	19.21	22.23	23.98	-1.75
	5670	134	CDD	AVG	16.69	16.89	19.80	23.98	-4.18
	5710	142	SDM	AVG	19.24	19.30	22.28	23.98	-1.70
	5755	151	CDD	AVG	19.26	19.28	22.28	30.00	-7.72
	5795	159	CDD	AVG	19.29	19.46	22.39	30.00	-7.61

Table 7-156. FCC CDD/SDM 40MHz BW 802.11n (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 1b	Summed		
	5190	38	CDD	AVG	12.71	12.79	15.76	23.98	-8.22
	5230	46	SDM	AVG	18.79	18.62	21.72	23.98	-2.26
	5270	54	CDD	AVG	18.68	18.45	21.57	23.98	-2.41
	5310	62	CDD	AVG	13.84	14.00	16.93	23.98	-7.05
	5510	102	CDD	AVG	12.11	12.27	15.20	23.98	-8.78
	5550	110	CDD	AVG	17.78	17.84	20.82	23.98	-3.16
	5590	118	SDM	AVG	19.15	19.40	22.28	23.98	-1.70
	5630	126	SDM	AVG	19.45	19.24	22.36	23.98	-1.62
	5670	134	CDD	AVG	13.99	13.97	16.99	23.98	-6.99
	5710	142	SDM	AVG	19.46	19.36	22.42	23.98	-1.56
	5755	151	CDD	AVG	19.43	19.34	22.40	30.00	-7.60
	5795	159	CDD	AVG	19.50	19.13	22.33	30.00	-7.67

Table 7-157. FCC CDD/SDM 40MHz BW 802.11n (UNII) Maximum Conducted Output Power (High Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 130 of 595

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 1b	Summed		
	5190	38	CDD	AVG	13.34	13.35	16.36	23.98	-7.62
	5230	46	SDM	AVG	19.12	19.30	22.22	23.98	-1.76
	5270	54	SDM	AVG	18.79	18.67	21.74	23.98	-2.24
	5310	62	CDD	AVG	16.00	15.81	18.92	23.98	-5.06
	5510	102	CDD	AVG	14.39	14.22	17.32	23.98	-6.66
	5550	110	CDD	AVG	18.13	18.35	21.25	23.98	-2.73
	5590	118	SDM	AVG	19.34	19.38	22.37	23.98	-1.61
	5630	126	SDM	AVG	18.94	19.16	22.06	23.98	-1.92
	5670	134	CDD	AVG	17.17	17.25	20.22	23.98	-3.76
	5710	142	SDM	AVG	19.13	19.20	22.17	23.98	-1.81
	5755	151	CDD	AVG	19.11	19.49	22.32	30.00	-7.68
	5795	159	CDD	AVG	19.12	19.19	22.16	30.00	-7.84

Table 7-158. FCC CDD/SDM 40MHz BW 802.11ax (SU) (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 1b	Summed		
	5190	38	CDD	AVG	13.13	13.42	16.29	23.98	-7.69
	5230	46	SDM	AVG	19.19	19.16	22.18	23.98	-1.80
	5270	54	CDD	AVG	17.73	17.67	20.71	23.98	-3.27
	5310	62	CDD	AVG	14.95	14.64	17.81	23.98	-6.17
	5510	102	CDD	AVG	13.67	13.70	16.69	23.98	-7.29
	5550	110	CDD	AVG	17.89	17.65	20.78	23.98	-3.20
	5590	118	SDM	AVG	19.19	19.21	22.21	23.98	-1.77
	5630	126	SDM	AVG	18.72	18.73	21.74	23.98	-2.24
	5670	134	CDD	AVG	15.70	15.96	18.84	23.98	-5.14
	5710	142	SDM	AVG	19.20	19.16	22.19	23.98	-1.79
	5755	151	CDD	AVG	19.22	19.44	22.34	30.00	-7.66
	5795	159	CDD	AVG	19.00	19.33	22.17	30.00	-7.83

Table 7-159. FCC CDD/SDM 40MHz BW 802.11ax (SU) (UNII) Maximum Conducted Output Power (Mid Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 131 of 595

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 1b	Summed		
	5190	38	CDD	AVG	12.88	12.96	15.93	23.98	-8.05
	5230	46	SDM	AVG	18.97	18.76	21.88	23.98	-2.10
	5270	54	CDD	AVG	17.91	17.95	20.94	23.98	-3.04
	5310	62	CDD	AVG	12.95	12.66	15.82	23.98	-8.16
	5510	102	CDD	AVG	12.49	12.18	15.35	23.98	-8.63
	5550	110	CDD	AVG	17.13	17.18	20.16	23.98	-3.82
	5590	118	SDM	AVG	19.13	19.16	22.15	23.98	-1.83
	5630	126	CDD	AVG	18.44	18.26	21.36	23.98	-2.62
	5670	134	CDD	AVG	13.72	13.62	16.68	23.98	-7.30
	5710	142	SDM	AVG	19.13	19.47	22.32	23.98	-1.66
	5755	151	CDD	AVG	19.33	19.32	22.33	30.00	-7.67
	5795	159	CDD	AVG	19.39	19.39	22.40	30.00	-7.60

Table 7-160. FCC CDD/SDM 40MHz BW 802.11ax (SU) (UNII) Maximum Conducted Output Power (High Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 1b	Summed		
	5210	42	CDD	AVG	13.67	13.61	16.65	23.98	-7.33
	5290	58	CDD	AVG	16.67	16.92	19.80	23.98	-4.18
	5530	106	CDD	AVG	14.31	14.33	17.33	23.98	-6.65
	5610	122	CDD	AVG	18.16	18.17	21.17	23.98	-2.81
	5690	138	CDD	AVG	19.21	19.22	22.22	23.98	-1.76
	5775	155	CDD	AVG	17.85	17.69	20.78	30.00	-9.22

Table 7-161. FCC CDD 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 1b	Summed		
	5210	42	CDD	AVG	13.19	13.17	16.19	23.98	-7.79
	5290	58	CDD	AVG	15.66	15.81	18.75	23.98	-5.23
	5530	106	CDD	AVG	13.94	13.83	16.90	23.98	-7.08
	5610	122	CDD	AVG	17.79	17.63	20.72	23.98	-3.26
	5690	138	CDD	AVG	19.22	19.18	22.21	23.98	-1.77
	5775	155	CDD	AVG	17.27	17.23	20.26	30.00	-9.74

Table 7-162. FCC CDD 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power (Mid Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 1b	Summed		
	5210	42	CDD	AVG	12.79	12.97	15.89	23.98	-8.09
	5290	58	CDD	AVG	13.22	13.30	16.27	23.98	-7.71
	5530	106	CDD	AVG	12.79	12.76	15.79	23.98	-8.19
	5610	122	CDD	AVG	16.99	16.71	19.86	23.98	-4.12
	5690	138	CDD	AVG	19.24	19.23	22.25	23.98	-1.73
	5775	155	CDD	AVG	16.12	16.37	19.25	30.00	-10.75

Table 7-163. FCC CDD 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power (High Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 1b	Summed		
	5210	42	CDD	AVG	13.41	13.15	16.29	23.98	-7.69
	5290	58	CDD	AVG	16.42	16.31	19.38	23.98	-4.60
	5530	106	CDD	AVG	13.85	13.85	16.86	23.98	-7.12
	5610	122	CDD	AVG	17.82	17.21	20.53	23.98	-3.45
	5690	138	CDD	AVG	19.39	19.11	22.26	23.98	-1.72
	5775	155	CDD	AVG	16.69	16.74	19.72	30.00	-10.28

Table 7-164. FCC CDD 80MHz BW 802.11ax (SU) (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 1b	Summed		
	5210	42	CDD	AVG	12.65	12.92	15.80	23.98	-8.18
	5290	58	CDD	AVG	15.26	15.30	18.29	23.98	-5.69
	5530	106	CDD	AVG	13.18	13.16	16.18	23.98	-7.80
	5610	122	CDD	AVG	16.95	17.18	20.08	23.98	-3.90
	5690	138	CDD	AVG	19.43	19.40	22.43	23.98	-1.55
	5775	155	CDD	AVG	16.64	16.60	19.63	30.00	-10.37

Table 7-165. FCC CDD 80MHz BW 802.11ax (SU) (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 1b	Summed		
	5210	42	CDD	AVG	12.83	12.94	15.90	23.98	-8.08
	5290	58	CDD	AVG	13.10	13.24	16.18	23.98	-7.80
	5530	106	CDD	AVG	12.91	12.80	15.87	23.98	-8.11
	5610	122	CDD	AVG	16.25	16.40	19.33	23.98	-4.65
	5690	138	CDD	AVG	19.36	19.34	22.36	23.98	-1.62
	5775	155	CDD	AVG	15.76	15.93	18.85	30.00	-11.15

Table 7-166. FCC CDD 80MHz BW 802.11ax (SU) (UNII) Maximum Conducted Output Power (High Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 1b	Summed		
	5250	50	CDD	AVG	12.84	12.82	15.84	23.98	-8.14
	5570	114	CDD	AVG	13.36	13.14	16.26	23.98	-7.72

Table 7-167. FCC CDD 160MHz BW 802.11ac (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 1b	Summed		
	5250	50	CDD	AVG	12.65	12.57	15.62	23.98	-8.36
	5570	114	CDD	AVG	12.79	12.99	15.90	23.98	-8.08

Table 7-168. FCC CDD 160MHz BW 802.11ac (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 1b	Summed		
	5250	50	CDD	AVG	11.95	12.10	15.04	23.98	-8.94
	5570	114	CDD	AVG	11.92	12.00	14.97	23.98	-9.01

Table 7-169. FCC CDD 160MHz BW 802.11ac (UNII) Maximum Conducted Output Power (High Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 1b	Summed		
	5250	50	CDD	AVG	12.75	12.89	15.83	23.98	-8.15
	5570	114	CDD	AVG	13.32	13.20	16.27	23.98	-7.71

Table 7-170. FCC CDD 160MHz BW 802.11ax (SU) (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 1b	Summed		
	5250	50	CDD	AVG	12.63	12.64	15.65	23.98	-8.33
	5570	114	CDD	AVG	12.86	12.88	15.88	23.98	-8.10

Table 7-171. FCC CDD 160MHz BW 802.11ax (SU) (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Antenna 5T	Antenna 1b	Summed		
	5250	50	CDD	AVG	11.73	11.80	14.77	23.98	-9.21
	5570	114	CDD	AVG	12.00	11.98	15.00	23.98	-8.98

Table 7-172. FCC CDD 160MHz BW 802.11ax (SU) (UNII) Maximum Conducted Output Power (High Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 134 of 595

7.4.10 ISED CDD/SDM Diversity Maximum Conducted Output Power Measurements

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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	CDD	AVG	8.58	8.54	11.57	-	-	3.70	15.27	23.01	-7.74
	5200	40	CDD	AVG	8.56	8.53	11.55	-	-	3.70	15.25	23.01	-7.76
	5240	48	CDD	AVG	8.55	8.53	11.55	-	-	3.70	15.25	23.01	-7.76
	5260	52	CDD	AVG	15.96	16.21	19.10	23.98	-4.88	3.70	22.80	30.00	-7.20
	5300	60	CDD	AVG	15.98	16.19	19.10	23.98	-4.88	3.70	22.80	30.00	-7.20
	5320	64	CDD	AVG	16.24	16.00	19.13	23.98	-4.85	3.70	22.83	30.00	-7.17
	5500	100	CDD	AVG	15.95	15.92	18.95	23.98	-5.03	4.60	23.55	30.00	-6.45
	5580	116	CDD	AVG	15.87	15.82	18.86	23.98	-5.12	4.60	23.46	30.00	-6.54
	5720	144	CDD	AVG	15.86	15.88	18.88	23.98	-5.10	4.60	23.48	30.00	-6.52
	5745	149	CDD	AVG	19.17	19.45	22.32	30.00	-7.68	3.70	26.02	-	-
	5785	157	CDD	AVG	19.22	19.43	22.33	30.00	-7.67	3.70	26.03	-	-
	5825	165	CDD	AVG	19.29	19.29	22.30	30.00	-7.70	3.70	26.00	-	-

Table 7-173. ISED CDD 20MHz BW 802.11a (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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	CDD	AVG	8.59	8.56	11.58	-	-	3.70	15.28	23.01	-7.73
	5200	40	CDD	AVG	8.49	8.72	11.61	-	-	3.70	15.31	23.01	-7.70
	5240	48	CDD	AVG	8.40	8.72	11.57	-	-	3.70	15.27	23.01	-7.74
	5260	52	CDD	AVG	16.17	15.98	19.09	23.98	-4.89	3.70	22.79	30.00	-7.21
	5300	60	CDD	AVG	16.21	15.95	19.09	23.98	-4.89	3.70	22.79	30.00	-7.21
	5320	64	CDD	AVG	16.12	15.86	19.00	23.98	-4.98	3.70	22.70	30.00	-7.30
	5500	100	CDD	AVG	15.76	15.88	18.83	23.98	-5.15	4.60	23.43	30.00	-6.57
	5520	104	CDD	AVG	15.76	15.77	18.78	23.98	-5.20	4.60	23.38	30.00	-6.62
	5580	116	CDD	AVG	15.64	15.76	18.71	23.98	-5.27	4.60	23.31	30.00	-6.69
	5680	136	CDD	AVG	15.82	15.93	18.88	23.98	-5.10	4.60	23.48	30.00	-6.52
	5700	140	CDD	AVG	15.86	15.87	18.87	23.98	-5.11	4.60	23.47	30.00	-6.53
	5720	144	CDD	AVG	15.80	15.64	18.74	23.98	-5.24	4.60	23.34	30.00	-6.66
	5745	149	CDD	AVG	19.26	19.14	22.21	30.00	-7.79	3.70	25.91	-	-
	5785	157	CDD	AVG	19.41	19.46	22.44	30.00	-7.56	3.70	26.14	-	-
	5825	165	CDD	AVG	19.26	19.41	22.35	30.00	-7.65	3.70	26.05	-	-

Table 7-174. ISED CDD 20MHz BW 802.11a (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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	CDD	AVG	8.50	8.37	11.44	-	-	3.70	15.14	23.01	-7.87
	5200	40	CDD	AVG	8.58	8.41	11.51	-	-	3.70	15.21	23.01	-7.80
	5240	48	CDD	AVG	8.48	8.33	11.41	-	-	3.70	15.11	23.01	-7.90
	5260	52	CDD	AVG	16.21	15.95	19.09	23.98	-4.89	3.70	22.79	30.00	-7.21
	5300	60	CDD	AVG	16.13	16.05	19.10	23.98	-4.88	3.70	22.80	30.00	-7.20
	5320	64	CDD	AVG	15.40	15.38	18.40	23.98	-5.58	3.70	22.10	30.00	-7.90
	5500	100	CDD	AVG	13.98	13.99	17.00	23.98	-6.98	4.60	21.60	30.00	-8.40
	5520	104	CDD	AVG	15.94	15.85	18.91	23.98	-5.07	4.60	23.51	30.00	-6.49
	5580	116	CDD	AVG	15.64	15.65	18.66	23.98	-5.32	4.60	23.26	30.00	-6.74
	5680	136	CDD	AVG	15.75	15.66	18.72	23.98	-5.26	4.60	23.32	30.00	-6.68
	5700	140	CDD	AVG	13.47	13.46	16.47	23.98	-7.51	4.60	21.07	30.00	-8.93
	5720	144	CDD	AVG	15.79	15.76	18.78	23.98	-5.20	4.60	23.38	30.00	-6.62
	5745	149	CDD	AVG	19.25	19.23	22.25	30.00	-7.75	3.70	25.95	-	-
	5785	157	CDD	AVG	19.39	19.42	22.41	30.00	-7.59	3.70	26.11	-	-
	5825	165	CDD	AVG	19.14	19.48	22.32	30.00	-7.68	3.70	26.02	-	-

Table 7-175. ISED CDD 20MHz BW 802.11a (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 135 of 595

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5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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	11.68	11.60	14.65	-	-	1.96	16.61	23.01	-6.40
	5200	40	SDM	AVG	11.66	11.58	14.63	-	-	1.96	16.59	23.01	-6.42
	5240	48	SDM	AVG	11.63	11.39	14.52	-	-	1.96	16.48	23.01	-6.53
	5260	52	SDM	AVG	16.67	16.88	19.79	23.98	-4.19	2.20	21.99	30.00	-8.01
	5300	60	SDM	AVG	16.96	16.66	19.82	23.98	-4.16	2.20	22.02	30.00	-7.98
	5320	64	SDM	AVG	16.80	16.60	19.71	23.98	-4.27	2.20	21.91	30.00	-8.09
	5500	100	SDM	AVG	16.81	16.75	19.79	23.98	-4.19	3.35	23.14	30.00	-6.86
	5580	116	SDM	AVG	16.85	16.62	19.75	23.98	-4.23	3.35	23.10	30.00	-6.90
	5720	144	SDM	AVG	16.63	16.86	19.76	23.98	-4.22	3.35	23.11	30.00	-6.89
	5745	149	CDD	AVG	19.48	19.33	22.42	30.00	-7.58	3.70	26.12	-	-
	5785	157	CDD	AVG	19.15	19.43	22.30	30.00	-7.70	3.70	26.00	-	-
	5825	165	CDD	AVG	19.23	19.27	22.26	30.00	-7.74	3.70	25.96	-	-

Table 7-176. ISED CDD/SDM 20MHz BW 802.11n (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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	11.73	11.35	14.56	-	-	1.96	16.52	23.01	-6.49
	5200	40	SDM	AVG	11.62	11.41	14.53	-	-	1.96	16.49	23.01	-6.52
	5240	48	SDM	AVG	11.50	11.73	14.63	-	-	1.96	16.59	23.01	-6.42
	5260	52	SDM	AVG	16.82	16.82	19.83	23.98	-4.15	2.20	22.03	30.00	-7.97
	5300	60	SDM	AVG	16.81	16.66	19.74	23.98	-4.24	2.20	21.94	30.00	-8.06
	5320	64	SDM	AVG	16.91	16.93	19.93	23.98	-4.05	2.20	22.13	30.00	-7.87
	5500	100	CDD	AVG	15.88	15.87	18.88	23.98	-5.10	4.60	23.48	30.00	-6.52
	5520	104	SDM	AVG	16.87	16.91	19.90	23.98	-4.08	3.35	23.25	30.00	-6.75
	5580	116	SDM	AVG	16.83	16.81	19.83	23.98	-4.15	3.35	23.18	30.00	-6.82
	5680	136	SDM	AVG	16.64	16.77	19.72	23.98	-4.26	3.35	23.07	30.00	-6.93
	5700	140	CDD	AVG	15.88	15.71	18.81	23.98	-5.17	4.60	23.41	30.00	-6.59
	5720	144	SDM	AVG	16.64	16.77	19.72	23.98	-4.26	3.35	23.07	30.00	-6.93
	5745	149	CDD	AVG	19.21	19.27	22.25	30.00	-7.75	3.70	25.95	-	-
	5785	157	CDD	AVG	19.27	19.30	22.29	30.00	-7.71	3.70	25.99	-	-
	5825	165	CDD	AVG	19.14	19.31	22.24	30.00	-7.76	3.70	25.94	-	-

Table 7-177. ISED CDD/SDM 20MHz BW 802.11n (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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	11.40	11.63	14.53	-	-	1.96	16.49	23.01	-6.52
	5200	40	SDM	AVG	11.73	11.55	14.65	-	-	1.96	16.61	23.01	-6.40
	5240	48	SDM	AVG	11.58	11.67	14.64	-	-	1.96	16.60	23.01	-6.41
	5260	52	SDM	AVG	16.63	16.95	19.80	23.98	-4.18	2.20	22.00	30.00	-8.00
	5300	60	SDM	AVG	16.75	16.77	19.77	23.98	-4.21	2.20	21.97	30.00	-8.03
	5320	64	CDD	AVG	15.67	15.43	18.56	23.98	-5.42	3.70	22.26	30.00	-7.74
	5500	100	CDD	AVG	14.07	13.90	17.00	23.98	-6.98	4.60	21.60	30.00	-8.40
	5520	104	SDM	AVG	16.91	16.81	19.87	23.98	-4.11	3.35	23.22	30.00	-6.78
	5580	116	SDM	AVG	16.87	16.87	19.88	23.98	-4.10	3.35	23.23	30.00	-6.77
	5680	136	SDM	AVG	16.72	16.93	19.83	23.98	-4.15	3.35	23.18	30.00	-6.82
	5700	140	CDD	AVG	13.32	13.29	16.31	23.98	-7.67	4.60	20.91	30.00	-9.09
	5720	144	SDM	AVG	16.70	16.82	19.77	23.98	-4.21	3.35	23.12	30.00	-6.88
	5745	149	CDD	AVG	19.26	19.22	22.25	30.00	-7.75	3.70	25.95	-	-
	5785	157	CDD	AVG	19.16	19.39	22.29	30.00	-7.71	3.70	25.99	-	-
	5825	165	CDD	AVG	19.27	19.21	22.25	30.00	-7.75	3.70	25.95	-	-

Table 7-178. ISED CDD/SDM 20MHz BW 802.11n (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 136 of 595

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5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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	11.37	11.69	14.54	-	-	1.96	16.50	23.01	-6.51
	5200	40	SDM	AVG	11.58	11.47	14.53	-	-	1.96	16.49	23.01	-6.52
	5240	48	SDM	AVG	11.73	11.49	14.62	-	-	1.96	16.58	23.01	-6.43
	5260	52	SDM	AVG	16.69	16.65	19.68	23.98	-4.30	2.20	21.88	30.00	-8.12
	5300	60	SDM	AVG	16.87	16.73	19.81	23.98	-4.17	2.20	22.01	30.00	-7.99
	5320	64	SDM	AVG	16.61	16.61	19.62	23.98	-4.36	2.20	21.82	30.00	-8.18
	5500	100	SDM	AVG	16.96	16.87	19.92	23.98	-4.06	3.35	23.27	30.00	-6.73
	5580	116	SDM	AVG	16.63	16.78	19.72	23.98	-4.26	3.35	23.07	30.00	-6.93
	5720	144	SDM	AVG	16.77	16.83	19.81	23.98	-4.17	3.35	23.16	30.00	-6.84
	5745	149	CDD	AVG	19.11	19.44	22.28	30.00	-7.72	3.70	25.98	-	-
	5785	157	CDD	AVG	19.17	19.15	22.17	30.00	-7.83	3.70	25.87	-	-
	5825	165	CDD	AVG	19.16	19.12	22.15	30.00	-7.85	3.70	25.85	-	-

Table 7-179. ISSED CDD/SDM 20MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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	11.72	11.47	14.60	-	-	1.96	16.56	23.01	-6.45
	5200	40	SDM	AVG	11.55	11.63	14.60	-	-	1.96	16.56	23.01	-6.45
	5240	48	SDM	AVG	11.44	11.69	14.58	-	-	1.96	16.54	23.01	-6.47
	5260	52	SDM	AVG	16.97	16.59	19.80	23.98	-4.18	2.20	22.00	30.00	-8.00
	5300	60	SDM	AVG	16.89	16.71	19.81	23.98	-4.17	2.20	22.01	30.00	-7.99
	5320	64	SDM	AVG	16.35	16.15	19.26	23.98	-4.72	2.20	21.46	30.00	-8.54
	5500	100	CDD	AVG	15.25	15.29	18.28	23.98	-5.70	4.60	22.88	30.00	-7.12
	5520	104	SDM	AVG	16.83	16.73	19.79	23.98	-4.19	3.35	23.14	30.00	-6.86
	5580	116	SDM	AVG	16.77	16.99	19.89	23.98	-4.09	3.35	23.24	30.00	-6.76
	5680	136	SDM	AVG	16.89	16.65	19.78	23.98	-4.20	3.35	23.13	30.00	-6.87
	5700	140	CDD	AVG	14.75	14.56	17.67	23.98	-6.31	4.60	22.27	30.00	-7.73
	5720	144	SDM	AVG	16.98	16.68	19.84	23.98	-4.14	3.35	23.19	30.00	-6.81
	5745	149	CDD	AVG	19.18	19.24	22.22	30.00	-7.78	3.70	25.92	-	-
	5785	157	CDD	AVG	19.26	19.25	22.26	30.00	-7.74	3.70	25.96	-	-
	5825	165	CDD	AVG	19.27	19.31	22.30	30.00	-7.70	3.70	26.00	-	-

Table 7-180. ISSED CDD/SDM 20MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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	11.35	11.51	14.44	-	-	1.96	16.40	23.01	-6.61
	5200	40	SDM	AVG	11.35	11.66	14.52	-	-	1.96	16.48	23.01	-6.53
	5240	48	SDM	AVG	11.72	11.43	14.59	-	-	1.96	16.55	23.01	-6.46
	5260	52	SDM	AVG	16.77	16.75	19.77	23.98	-4.21	2.20	21.97	30.00	-8.03
	5300	60	SDM	AVG	16.70	16.89	19.81	23.98	-4.17	2.20	22.01	30.00	-7.99
	5320	64	CDD	AVG	15.38	15.25	18.32	23.98	-5.66	3.70	22.02	30.00	-7.98
	5500	100	CDD	AVG	13.91	13.91	16.92	23.98	-7.06	4.60	21.52	30.00	-8.48
	5520	104	SDM	AVG	16.63	16.92	19.79	23.98	-4.19	3.35	23.14	30.00	-6.86
	5580	116	SDM	AVG	16.78	16.77	19.79	23.98	-4.19	3.35	23.14	30.00	-6.86
	5680	136	SDM	AVG	16.81	16.66	19.75	23.98	-4.23	3.35	23.10	30.00	-6.90
	5700	140	CDD	AVG	13.07	13.02	16.05	23.98	-7.93	4.60	20.65	30.00	-9.35
	5720	144	SDM	AVG	16.80	16.63	19.73	23.98	-4.25	3.35	23.08	30.00	-6.92
	5745	149	CDD	AVG	19.32	19.34	22.34	30.00	-7.66	3.70	26.04	-	-
	5785	157	CDD	AVG	19.26	19.46	22.37	30.00	-7.63	3.70	26.07	-	-
	5825	165	CDD	AVG	19.28	19.35	22.33	30.00	-7.67	3.70	26.03	-	-

Table 7-181. ISSED CDD/SDM 20MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 137 of 595	

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5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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	14.10	13.98	17.05	-	-	1.96	19.01	23.01	-4.00
	5230	46	SDM	AVG	14.01	14.14	17.08	-	-	1.96	19.04	23.01	-3.97
	5270	54	SDM	AVG	19.42	19.24	22.34	23.98	-1.64	2.20	24.54	30.00	-5.46
	5310	62	CDD	AVG	16.46	16.63	19.56	23.98	-4.42	3.70	23.26	30.00	-6.74
	5510	102	CDD	AVG	15.40	15.44	18.43	23.98	-5.55	4.60	23.03	30.00	-6.97
	5550	110	SDM	AVG	18.93	18.81	21.88	23.98	-2.10	3.35	25.23	30.00	-4.77
	5670	134	CDD	AVG	17.67	17.88	20.78	23.98	-3.20	4.60	25.38	30.00	-4.62
	5710	142	SDM	AVG	19.11	19.29	22.21	23.98	-1.77	3.35	25.56	30.00	-4.44
	5755	151	CDD	AVG	19.14	19.29	22.22	30.00	-7.78	3.70	25.92	-	-
	5795	159	CDD	AVG	19.40	19.42	22.42	30.00	-7.58	3.70	26.12	-	-

Table 7-182. ISED CDD/SDM 40MHz BW 802.11n (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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	13.73	13.59	16.67	-	-	1.96	18.63	23.01	-4.38
	5230	46	SDM	AVG	13.96	14.14	17.06	-	-	1.96	19.02	23.01	-3.99
	5270	54	CDD	AVG	18.66	18.63	21.65	23.98	-2.33	3.70	25.35	30.00	-4.65
	5310	62	CDD	AVG	15.35	15.49	18.43	23.98	-5.55	3.70	22.13	30.00	-7.87
	5510	102	CDD	AVG	14.72	14.56	17.65	23.98	-6.33	4.60	22.25	30.00	-7.75
	5550	110	CDD	AVG	18.41	18.42	21.42	23.98	-2.56	4.60	26.02	30.00	-3.98
	5670	134	CDD	AVG	16.69	16.89	19.80	23.98	-4.18	4.60	24.40	30.00	-5.60
	5710	142	SDM	AVG	19.24	19.30	22.28	23.98	-1.70	3.35	25.63	30.00	-4.37
	5755	151	CDD	AVG	19.26	19.28	22.28	30.00	-7.72	3.70	25.98	-	-
	5795	159	CDD	AVG	19.29	19.46	22.39	30.00	-7.61	3.70	26.09	-	-

Table 7-183. ISED CDD/SDM 40MHz BW 802.11n (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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	12.81	12.92	15.88	-	-	1.96	17.84	23.01	-5.17
	5230	46	SDM	AVG	14.10	13.93	17.02	-	-	1.96	18.98	23.01	-4.03
	5270	54	CDD	AVG	18.68	18.45	21.57	23.98	-2.41	3.70	25.27	30.00	-4.73
	5310	62	CDD	AVG	13.84	14.00	16.93	23.98	-7.05	3.70	20.63	30.00	-9.37
	5510	102	CDD	AVG	12.11	12.27	15.20	23.98	-8.78	4.60	19.80	30.00	-10.20
	5550	110	CDD	AVG	17.78	17.84	20.82	23.98	-3.16	4.60	25.42	30.00	-4.58
	5670	134	CDD	AVG	13.99	13.97	16.99	23.98	-6.99	4.60	21.59	30.00	-8.41
	5710	142	SDM	AVG	19.46	19.36	22.42	23.98	-1.56	3.35	25.77	30.00	-4.23
	5755	151	CDD	AVG	19.43	19.34	22.40	30.00	-7.60	3.70	26.10	-	-
	5795	159	CDD	AVG	19.50	19.13	22.33	30.00	-7.67	3.70	26.03	-	-

Table 7-184. ISED CDD/SDM 40MHz BW 802.11n (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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	13.33	13.22	16.29	-	-	1.96	18.25	23.01	-4.76
	5230	46	SDM	AVG	14.03	14.17	17.11	-	-	1.96	19.07	23.01	-3.94
	5270	54	SDM	AVG	18.79	18.67	21.74	23.98	-2.24	2.20	23.94	30.00	-6.06
	5310	62	CDD	AVG	16.00	15.81	18.92	23.98	-5.06	3.70	22.62	30.00	-7.38
	5510	102	CDD	AVG	14.39	14.22	17.32	23.98	-6.66	4.60	21.92	30.00	-8.08
	5550	110	CDD	AVG	18.13	18.35	21.25	23.98	-2.73	4.60	25.85	30.00	-4.15
	5670	134	CDD	AVG	17.17	17.25	20.22	23.98	-3.76	4.60	24.82	30.00	-5.18
	5710	142	SDM	AVG	19.13	19.20	22.17	23.98	-1.81	3.35	25.52	30.00	-4.48
	5755	151	CDD	AVG	19.11	19.49	22.32	30.00	-7.68	3.70	26.02	-	-
	5795	159	CDD	AVG	19.12	19.19	22.16	30.00	-7.84	3.70	25.86	-	-

Table 7-185. ISED CDD/SDM 40MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 138 of 595	

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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	13.44	13.50	16.48	-	-	1.96	18.44	23.01	-4.57
	5230	46	SDM	AVG	14.05	14.09	17.08	-	-	1.96	19.04	23.01	-3.97
	5270	54	CDD	AVG	17.73	17.67	20.71	23.98	-3.27	3.70	24.41	30.00	-5.59
	5310	62	CDD	AVG	14.95	14.64	17.81	23.98	-6.17	3.70	21.51	30.00	-8.49
	5510	102	CDD	AVG	13.67	13.70	16.69	23.98	-7.29	4.60	21.29	30.00	-8.71
	5550	110	CDD	AVG	17.89	17.65	20.78	23.98	-3.20	4.60	25.38	30.00	-4.62
	5670	134	CDD	AVG	15.70	15.96	18.84	23.98	-5.14	4.60	23.44	30.00	-6.56
	5710	142	SDM	AVG	19.20	19.16	22.19	23.98	-1.79	3.35	25.54	30.00	-4.46
	5755	151	CDD	AVG	19.22	19.44	22.34	30.00	-7.66	3.70	26.04	-	-
	5795	159	CDD	AVG	19.00	19.33	22.17	30.00	-7.83	3.70	25.87	-	-

Table 7-186. ISSED CDD/SDM 40MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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	12.99	12.75	15.88	-	-	1.96	17.84	23.01	-5.17
	5230	46	SDM	AVG	13.92	14.15	17.05	-	-	1.96	19.01	23.01	-4.00
	5270	54	CDD	AVG	17.91	17.95	20.94	23.98	-3.04	3.70	24.64	30.00	-5.36
	5310	62	CDD	AVG	12.95	12.66	15.82	23.98	-8.16	3.70	19.52	30.00	-10.48
	5510	102	CDD	AVG	12.49	12.18	15.35	23.98	-8.63	4.60	19.95	30.00	-10.05
	5550	110	CDD	AVG	17.13	17.18	20.16	23.98	-3.82	4.60	24.76	30.00	-5.24
	5670	134	CDD	AVG	13.72	13.62	16.68	23.98	-7.30	4.60	21.28	30.00	-8.72
	5710	142	SDM	AVG	19.13	19.47	22.32	23.98	-1.66	3.35	25.67	30.00	-4.33
	5755	151	CDD	AVG	19.33	19.32	22.33	30.00	-7.67	3.70	26.03	-	-
	5795	159	CDD	AVG	19.39	19.39	22.40	30.00	-7.60	3.70	26.10	-	-

Table 7-187. ISSED CDD/SDM 40MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 139 of 595

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5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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	13.72	13.61	16.68	-	-	3.70	20.38	23.01	-2.63
	5290	58	CDD	AVG	16.67	16.92	19.80	23.98	-4.18	3.70	23.50	30.00	-6.50
	5530	106	CDD	AVG	14.31	14.33	17.33	23.98	-6.65	4.60	21.93	30.00	-8.07
	5690	138	CDD	AVG	19.21	19.22	22.22	23.98	-1.76	4.60	26.82	30.00	-3.18
	5775	155	CDD	AVG	17.85	17.69	20.78	30.00	-9.22	3.70	24.48	-	-

Table 7-188. ISED CDD 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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	13.11	13.36	16.25	-	-	3.70	19.95	23.01	-3.06
	5290	58	CDD	AVG	15.66	15.81	18.75	23.98	-5.23	3.70	22.45	30.00	-7.55
	5530	106	CDD	AVG	13.94	13.83	16.90	23.98	-7.08	4.60	21.50	30.00	-8.50
	5690	138	CDD	AVG	19.22	19.18	22.21	23.98	-1.77	4.60	26.81	30.00	-3.19
	5775	155	CDD	AVG	17.27	17.23	20.26	30.00	-9.74	3.70	23.96	-	-

Table 7-189. ISED CDD 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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	12.62	12.87	15.76	-	-	3.70	19.46	23.01	-3.55
	5290	58	CDD	AVG	13.22	13.30	16.27	23.98	-7.71	3.70	19.97	30.00	-10.03
	5530	106	CDD	AVG	12.79	12.76	15.79	23.98	-8.19	4.60	20.39	30.00	-9.61
	5690	138	CDD	AVG	19.24	19.23	22.25	23.98	-1.73	4.60	26.85	30.00	-3.15
	5775	155	CDD	AVG	16.12	16.37	19.25	30.00	-10.75	3.70	22.95	-	-

Table 7-190. ISED CDD 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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	13.47	13.15	16.32	-	-	3.70	20.02	23.01	-2.99
	5290	58	CDD	AVG	16.42	16.31	19.37	23.98	-4.61	3.70	23.07	30.00	-6.93
	5530	106	CDD	AVG	13.85	13.85	16.86	23.98	-7.12	4.60	21.46	30.00	-8.54
	5690	138	CDD	AVG	19.39	19.11	22.26	23.98	-1.72	4.60	26.86	30.00	-3.14
	5775	155	CDD	AVG	16.69	16.74	19.41	30.00	-10.59	3.70	23.11	-	-

Table 7-191. ISED CDD 80MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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	12.66	12.89	15.79	-	-	3.70	19.49	23.01	-3.52
	5290	58	CDD	AVG	15.26	15.30	18.29	23.98	-5.69	3.70	21.99	30.00	-8.01
	5530	106	CDD	AVG	13.18	13.16	16.18	23.98	-7.80	4.60	20.78	30.00	-9.22
	5690	138	CDD	AVG	19.43	19.40	22.43	23.98	-1.55	4.60	27.03	30.00	-2.97
	5775	155	CDD	AVG	16.64	16.60	19.63	30.00	-10.37	3.70	23.33	-	-

Table 7-192. ISED CDD 80MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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	12.90	12.94	15.93	-	-	3.70	19.63	23.01	-3.38
	5290	58	CDD	AVG	13.10	13.24	16.18	23.98	-7.80	3.70	19.88	30.00	-10.12
	5530	106	CDD	AVG	12.91	12.80	15.87	23.98	-8.11	4.60	20.47	30.00	-9.53
	5690	138	CDD	AVG	19.36	19.34	22.36	23.98	-1.62	4.60	26.96	30.00	-3.04
	5775	155	CDD	AVG	15.76	15.93	18.85	30.00	-11.15	3.70	22.55	-	-

Table 7-193. ISED CDD 80MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2405200018-22-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 140 of 595	

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5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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						
	5250	50	CDD	AVG	12.76	12.98	15.89	23.98	-8.09	3.70	19.59	23.01	-3.42

Table 7-194. ISED CDD 160MHz BW 802.11ac (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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						
	5250	50	CDD	AVG	12.60	12.48	15.55	23.98	-8.43	3.70	19.25	23.01	-3.76

Table 7-195. ISED CDD 160MHz BW 802.11ac (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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						
	5250	50	CDD	AVG	12.05	12.07	15.07	23.98	-8.91	3.70	18.77	23.01	-4.24

Table 7-196. ISED CDD 160MHz BW 802.11ac (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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						
	5250	50	CDD	AVG	12.99	12.64	15.83	23.98	-8.15	3.70	19.53	23.01	-3.48

Table 7-197. ISED CDD 160MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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						
	5250	50	CDD	AVG	12.73	12.74	15.75	23.98	-8.23	3.70	19.45	23.01	-3.56

Table 7-198. ISED CDD 160MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [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						
	5250	50	CDD	AVG	11.64	11.86	14.76	23.98	-9.22	3.70	18.46	23.01	-4.55

Table 7-199. ISED CDD 160MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

FCC ID: BCGA2995 IC: 579C-A2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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Note:

Per ANSI C63.10-2020 and KDB 662911 v02r01 Section E1), the conducted powers at Antenna 5T and Antenna 1b 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 C63.10-2020 Section 14.6.3, the 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.

$$\text{Directional gain} = G_{ANT} + \text{Array Gain dBi}$$

Per ANSI C63.10-2020 Section 14.6.3, 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.

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

Sample CDD/SDM Calculation:

At 5180MHz in 802.11n (20MHz BW) mode, the average conducted output power was measured to be 11.68dBm for Antenna 5T and 11.60dBm for Antenna 1b.

$$\text{Antenna 5T} + \text{Antenna 1b} = \text{CDD/SDM}$$

$$(11.68\text{dBm} + 11.60\text{dBm}) = (14.723\text{mW} + 14.454\text{mW}) = 29.177\text{mW} = 14.65\text{dBm}$$

Sample e.i.r.p. Calculation:

At 5180MHz in 802.11n (20MHz BW) mode, the average MIMO conducted power was calculated to be 14.65dBm with directional gain of 1.96dBi.

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

$$14.65\text{dBm} + 1.96\text{dBi} = 16.61\text{dBm}$$

FCC ID: BCGA2995 IC: 579C-A2995			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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7.5 Maximum Power Spectral Density

§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 C63.10-2020 and KDB 789033 D02 v02r01, and at the appropriate frequencies. Method SA-1, as defined in ANSI C63.10-2020 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 5.15 – 5.25GHz band for ISED, the e.i.r.p. spectral density shall not exceed 10 dBm in any 1 MHz band.

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

Test Procedure Used

ANSI C63.10-2020 – Section 12.4.2.2

KDB 789033 D02 v02r01 – Section F

ANSI C63.10-2020 – Section 14.5.2.2 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 for U-NII 1, 500kHz for U-NII 3
4. VBW \geq 3MHz for U-NII 1, $\geq 3 \times$ RBW for U-NII 3
5. Number of sweep points $\geq 2 \times$ (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. The data rates have been classified into three different groups; low data rate, middle data rate, and high data rate. All three data rate groups of data rate have been investigated and only the worst case data rate per group is reported.
2. Low, mid, and high channels were tested and tabular data has been reported. Only mid channel psd plots have been reported.

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7.5.1 Antenna 5T Power Spectral Density Measurements

	Frequency [MHz]	Channel No.	802.11 MODE	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	19.5/21.7 (MCS2)	6.76	11.00	-4.24
	5200	40	n (20MHz)	19.5/21.7 (MCS2)	9.16	11.00	-1.84
	5240	48	n (20MHz)	19.5/21.7 (MCS2)	8.63	11.00	-2.37
	5180	36	ax (SU) (20MHz)	24/25.8 (MCS2)	3.84	11.00	-7.16
	5200	40	ax (SU) (20MHz)	24/25.8 (MCS2)	6.97	11.00	-4.03
	5240	48	ax (SU) (20MHz)	24/25.8 (MCS2)	6.74	11.00	-4.26
	5190	38	n (40MHz)	40/40.5 (MCS2)	1.66	11.00	-9.34
	5230	46	n (40MHz)	40/40.5 (MCS2)	6.57	11.00	-4.43
	5190	38	ax (SU) (40MHz)	49/51.6 (MCS2)	-0.12	11.00	-11.12
	5230	46	ax (SU) (40MHz)	49/51.6 (MCS2)	5.40	11.00	-5.60
Band 1/2	5210	42	ac (80MHz)	87.8/97.5 (MCS2)	-1.09	11.00	-12.09
	5210	42	ax (SU) (80MHz)	102/108.1 (MCS2)	-2.63	11.00	-13.63
Band 2A	5250	50	ac (160MHz)	87.8/97.5 (MCS2)	-4.80	11.00	-15.80
	5250	50	ax (SU) (160MHz)	102/108.1 (MCS2)	-5.98	11.00	-16.98
	5260	52	n (20MHz)	19.5/21.7 (MCS2)	8.18	11.00	-2.82
	5300	60	n (20MHz)	19.5/21.7 (MCS2)	8.23	11.00	-2.77
	5320	64	n (20MHz)	19.5/21.7 (MCS2)	6.99	11.00	-4.01
	5260	52	ax (SU) (20MHz)	24/25.8 (MCS2)	8.01	11.00	-2.99
	5300	60	ax (SU) (20MHz)	24/25.8 (MCS2)	6.70	11.00	-4.30
	5320	64	ax (SU) (20MHz)	24/25.8 (MCS2)	5.61	11.00	-5.39
	5270	54	n (40MHz)	40/40.5 (MCS2)	6.34	11.00	-4.66
	5310	62	n (40MHz)	40/40.5 (MCS2)	3.83	11.00	-7.17
	5270	54	ax (SU) (40MHz)	49/51.6 (MCS2)	5.07	11.00	-5.93
	5310	62	ax (SU) (40MHz)	49/51.6 (MCS2)	2.11	11.00	-8.89
	5290	58	ac (80MHz)	87.8/97.5 (MCS2)	1.19	11.00	-9.81
	5290	58	ax (SU) (80MHz)	102/108.1 (MCS2)	-0.16	11.00	-11.16
	5500	100	n (20MHz)	19.5/21.7 (MCS2)	7.32	11.00	-3.68
	5580	116	n (20MHz)	19.5/21.7 (MCS2)	9.44	11.00	-1.56
Band 2C	*5600	120	n (20MHz)	19.5/21.7 (MCS2)	9.52	11.00	-1.48
	5700	140	n (20MHz)	19.5/21.7 (MCS2)	7.94	11.00	-3.06
	5720	144	n (20MHz)	19.5/21.7 (MCS2)	9.62	11.00	-1.38
	5500	100	ax (SU) (20MHz)	24/25.8 (MCS2)	5.83	11.00	-5.17
	5580	116	ax (SU) (20MHz)	24/25.8 (MCS2)	7.97	11.00	-3.03
	*5600	120	ax (SU) (20MHz)	24/25.8 (MCS2)	8.09	11.00	-2.92
	5700	140	ax (SU) (20MHz)	24/25.8 (MCS2)	5.68	11.00	-5.32
	5720	144	ax (SU) (20MHz)	24/25.8 (MCS2)	8.05	11.00	-2.95
	5510	102	n (40MHz)	40/40.5 (MCS2)	2.32	11.00	-8.68
	5550	110	n (40MHz)	40/40.5 (MCS2)	6.52	11.00	-4.48
	*5590	118	n (40MHz)	40/40.5 (MCS2)	6.93	11.00	-4.07
	5670	134	n (40MHz)	40/40.5 (MCS2)	5.84	11.00	-5.16
	5710	142	n (40MHz)	40/40.5 (MCS2)	6.86	11.00	-4.14
	5510	102	ax (SU) (40MHz)	49/51.6 (MCS2)	0.13	11.00	-10.87
	5550	110	ax (SU) (40MHz)	49/51.6 (MCS2)	4.46	11.00	-6.54
	*5590	118	ax (SU) (40MHz)	49/51.6 (MCS2)	5.28	11.00	-5.72
	5670	134	ax (SU) (40MHz)	49/51.6 (MCS2)	3.44	11.00	-7.56
	5710	142	ax (SU) (40MHz)	49/51.6 (MCS2)	5.25	11.00	-5.75
	5530	106	ac (80MHz)	87.8/97.5 (MCS2)	-0.83	11.00	-11.83
	*5610	122	ac (80MHz)	87.8/97.5 (MCS2)	3.50	11.00	-7.50
	5690	138	ac (80MHz)	87.8/97.5 (MCS2)	4.06	11.00	-6.94
	5530	106	ax (SU) (80MHz)	102/108.1 (MCS2)	-2.49	11.00	-13.49
	*5610	122	ax (SU) (80MHz)	102/108.1 (MCS2)	2.11	11.00	-8.89
	5690	138	ax (SU) (80MHz)	102/108.1 (MCS2)	2.98	11.00	-8.02
	*5570	114	ac (160MHz)	87.8/97.5 (MCS2)	-5.27	11.00	-16.27
	*5570	114	ax (SU) (80MHz)	102/108.1 (MCS2)	-5.57	11.00	-16.57

Table 7-200. Bands 1, 2A, 2C Power Spectral Density Measurements Antenna 5T (Low Data Rate)

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

FCC ID: BCGA2995 IC: 579C-A2995		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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	Frequency [MHz]	Channel No.	802.11 MODE	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	39/43.3 (MCS4)	6.84	11.00	-4.17
	5200	40	n (20MHz)	39/43.3 (MCS4)	9.00	11.00	-2.01
	5240	48	n (20MHz)	39/43.3 (MCS4)	8.41	11.00	-2.59
	5180	36	ax (SU) (20MHz)	49/51.6 (MCS4)	4.71	11.00	-6.29
	5200	40	ax (SU) (20MHz)	49/51.6 (MCS4)	7.36	11.00	-3.64
	5240	48	ax (SU) (20MHz)	49/51.6 (MCS4)	6.98	11.00	-4.02
	5190	38	n (40MHz)	81/90 (MCS4)	1.51	11.00	-9.49
	5230	46	n (40MHz)	81/90 (MCS4)	7.02	11.00	-3.98
	5190	38	ax (SU) (40MHz)	98/103.2 (MCS4)	-1.31	11.00	-12.31
	5230	46	ax (SU) (40MHz)	98/103.2 (MCS4)	5.64	11.00	-5.36
	5210	42	ac (80MHz)	175.5/195 (MCS4)	-1.36	11.00	-12.36
	5210	42	ax (SU) (80MHz)	204/216.2 (MCS4)	-4.24	11.00	-15.24
Band 1/2	5250	50	ac (160MHz)	175.5/195 (MCS4)	-5.46	11.00	-16.46
	5250	50	ax (SU) (160MHz)	204/216.2 (MCS4)	-5.38	11.00	-16.38
Band 2A	5260	52	n (20MHz)	39/43.3 (MCS4)	8.40	11.00	-2.60
	5300	60	n (20MHz)	39/43.3 (MCS4)	8.57	11.00	-2.43
	5320	64	n (20MHz)	39/43.3 (MCS4)	7.86	11.00	-3.14
	5260	52	ax (SU) (20MHz)	49/51.6 (MCS4)	8.37	11.00	-2.64
	5300	60	ax (SU) (20MHz)	49/51.6 (MCS4)	8.41	11.00	-2.59
	5320	64	ax (SU) (20MHz)	49/51.6 (MCS4)	6.03	11.00	-4.97
	5270	54	n (40MHz)	81/90 (MCS4)	7.13	11.00	-3.87
	5310	62	n (40MHz)	81/90 (MCS4)	2.85	11.00	-8.15
	5270	54	ax (SU) (40MHz)	98/103.2 (MCS4)	5.44	11.00	-5.56
	5310	62	ax (SU) (40MHz)	98/103.2 (MCS4)	1.58	11.00	-9.42
	5290	58	ac (80MHz)	175.5/195 (MCS4)	0.81	11.00	-10.19
	5290	58	ax (SU) (80MHz)	204/216.2 (MCS4)	-0.63	11.00	-11.63
Band 2C	5500	100	n (20MHz)	39/43.3 (MCS4)	6.62	11.00	-4.38
	5580	116	n (20MHz)	39/43.3 (MCS4)	9.80	11.00	-1.20
	*5600	120	n (20MHz)	39/43.3 (MCS4)	9.50	11.00	-1.50
	5700	140	n (20MHz)	39/43.3 (MCS4)	6.62	11.00	-4.38
	5720	144	n (20MHz)	39/43.3 (MCS4)	10.00	11.00	-1.00
	5500	100	ax (SU) (20MHz)	49/51.6 (MCS4)	4.55	11.00	-6.45
	5580	116	ax (SU) (20MHz)	49/51.6 (MCS4)	8.36	11.00	-2.64
	*5600	120	ax (SU) (20MHz)	49/51.6 (MCS4)	8.36	11.00	-2.64
	5700	140	ax (SU) (20MHz)	49/51.6 (MCS4)	4.21	11.00	-6.79
	5720	144	ax (SU) (20MHz)	49/51.6 (MCS4)	8.46	11.00	-2.54
	5510	102	n (40MHz)	81/90 (MCS4)	2.39	11.00	-8.61
	5550	110	n (40MHz)	81/90 (MCS4)	6.37	11.00	-4.63
	*5590	118	n (40MHz)	81/90 (MCS4)	6.98	11.00	-4.02
	5670	134	n (40MHz)	81/90 (MCS4)	4.34	11.00	-6.67
	5710	142	n (40MHz)	81/90 (MCS4)	6.86	11.00	-4.14
	5510	102	ax (SU) (40MHz)	98/103.2 (MCS4)	0.34	11.00	-10.66
	5550	110	ax (SU) (40MHz)	98/103.2 (MCS4)	4.10	11.00	-6.90
	*5590	118	ax (SU) (40MHz)	98/103.2 (MCS4)	5.58	11.00	-5.42
	5670	134	ax (SU) (40MHz)	98/103.2 (MCS4)	2.96	11.00	-8.04
	5710	142	ax (SU) (40MHz)	98/103.2 (MCS4)	5.60	11.00	-5.40
	5530	106	ac (80MHz)	175.5/195 (MCS4)	-1.14	11.00	-12.14
	*5610	122	ac (80MHz)	175.5/195 (MCS4)	2.64	11.00	-8.36
	5690	138	ac (80MHz)	175.5/195 (MCS4)	4.26	11.00	-6.75
	5530	106	ax (SU) (80MHz)	204/216.2 (MCS4)	-3.02	11.00	-14.02
	*5610	122	ax (SU) (80MHz)	204/216.2 (MCS4)	1.50	11.00	-9.51
	5690	138	ax (SU) (80MHz)	204/216.2 (MCS4)	3.33	11.00	-7.67
	*5570	114	ac (160MHz)	175.5/195 (MCS4)	-5.37	11.00	-16.37
	*5570	114	ax (SU) (80MHz)	204/216.2 (MCS4)	-5.61	11.00	-16.61

Table 7-201. Bands 1, 2A, 2C Power Spectral Density Measurements Antenna 5T (Mid Data Rate)

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

FCC ID: BCGA2995 IC: 579C-A2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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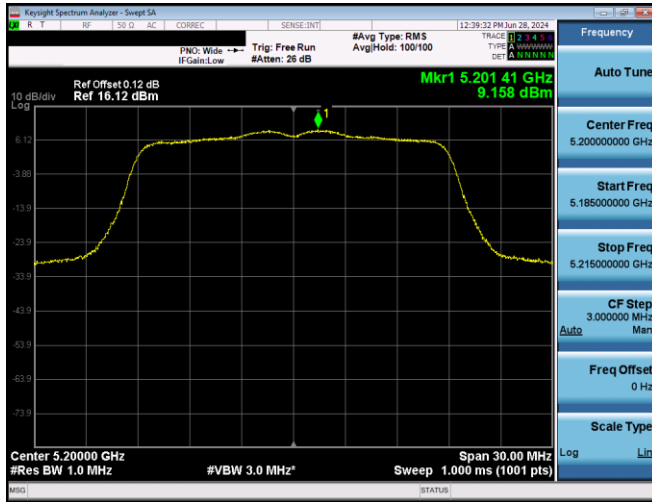
	Frequency [MHz]	Channel No.	802.11 MODE	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	65/72.2 (MCS7)	4.70	11.00	-6.30
	5200	40	n (20MHz)	65/72.2 (MCS7)	9.01	11.00	-2.00
	5240	48	n (20MHz)	65/72.2 (MCS7)	8.84	11.00	-2.16
	5180	36	ax (SU) (20MHz)	135/143.4 (MCS11)	4.32	11.00	-6.68
	5200	40	ax (SU) (20MHz)	135/143.4 (MCS11)	8.46	11.00	-2.54
	5240	48	ax (SU) (20MHz)	135/143.4 (MCS11)	8.29	11.00	-2.71
	5190	38	n (40MHz)	135/150 (MCS7)	0.56	11.00	-10.44
	5230	46	n (40MHz)	135/150 (MCS7)	5.73	11.00	-5.27
	5190	38	ax (SU) (40MHz)	271/286 (MCS11)	-0.36	11.00	-11.36
	5230	46	ax (SU) (40MHz)	271/286 (MCS11)	5.40	11.00	-5.60
	5210	42	ac (80MHz)	390/433.3 (MCS9)	-2.91	11.00	-13.91
	5210	42	ax (SU) (80MHz)	567/600.5 (MCS11)	-2.94	11.00	-13.94
Band 1/2	5250	50	ac (160MHz)	390/433.3 (MCS9)	-6.47	11.00	-17.47
	5250	50	ax (SU) (160MHz)	567/600.5 (MCS11)	-6.39	11.00	-17.39
Band 2A	5260	52	n (20MHz)	65/72.2 (MCS7)	8.69	11.00	-2.31
	5300	60	n (20MHz)	65/72.2 (MCS7)	8.77	11.00	-2.24
	5320	64	n (20MHz)	65/72.2 (MCS7)	5.39	11.00	-5.61
	5260	52	ax (SU) (20MHz)	135/143.4 (MCS11)	8.15	11.00	-2.85
	5300	60	ax (SU) (20MHz)	135/143.4 (MCS11)	8.51	11.00	-2.49
	5320	64	ax (SU) (20MHz)	135/143.4 (MCS11)	4.79	11.00	-6.21
	5270	54	n (40MHz)	135/150 (MCS7)	5.57	11.00	-5.43
	5310	62	n (40MHz)	135/150 (MCS7)	0.44	11.00	-10.56
	5270	54	ax (SU) (40MHz)	271/286 (MCS11)	5.63	11.00	-5.37
	5310	62	ax (SU) (40MHz)	271/286 (MCS11)	0.11	11.00	-10.89
	5290	58	ac (80MHz)	390/433.3 (MCS9)	-2.91	11.00	-13.91
	5290	58	ax (SU) (80MHz)	567/600.5 (MCS11)	-3.22	11.00	-14.22
Band 2C	5500	100	n (20MHz)	65/72.2 (MCS7)	4.39	11.00	-6.61
	5580	116	n (20MHz)	65/72.2 (MCS7)	8.48	11.00	-2.52
	*5600	120	n (20MHz)	65/72.2 (MCS7)	7.97	11.00	-3.03
	5700	140	n (20MHz)	65/72.2 (MCS7)	2.87	11.00	-8.13
	5720	144	n (20MHz)	65/72.2 (MCS7)	8.59	11.00	-2.41
	5500	100	ax (SU) (20MHz)	135/143.4 (MCS11)	3.30	11.00	-7.70
	5580	116	ax (SU) (20MHz)	135/143.4 (MCS11)	8.59	11.00	-2.41
	*5600	120	ax (SU) (20MHz)	135/143.4 (MCS11)	8.59	11.00	-2.41
	5700	140	ax (SU) (20MHz)	135/143.4 (MCS11)	2.24	11.00	-8.76
	5720	144	ax (SU) (20MHz)	135/143.4 (MCS11)	8.50	11.00	-2.50
	5510	102	n (40MHz)	135/150 (MCS7)	-1.37	11.00	-12.37
	5550	110	n (40MHz)	135/150 (MCS7)	4.74	11.00	-6.26
	*5590	118	n (40MHz)	135/150 (MCS7)	5.47	11.00	-5.53
	5670	134	n (40MHz)	135/150 (MCS7)	1.05	11.00	-9.96
	5710	142	n (40MHz)	135/150 (MCS7)	5.71	11.00	-5.29
	5510	102	ax (SU) (40MHz)	271/286 (MCS11)	-1.67	11.00	-12.67
	5550	110	ax (SU) (40MHz)	271/286 (MCS11)	4.32	11.00	-6.68
	*5590	118	ax (SU) (40MHz)	271/286 (MCS11)	5.71	11.00	-5.29
	5670	134	ax (SU) (40MHz)	271/286 (MCS11)	0.93	11.00	-10.07
	5710	142	ax (SU) (40MHz)	271/286 (MCS11)	5.56	11.00	-5.44
	5530	106	ac (80MHz)	390/433.3 (MCS9)	-3.19	11.00	-14.19
	*5610	122	ac (80MHz)	390/433.3 (MCS9)	0.81	11.00	-10.19
	5690	138	ac (80MHz)	390/433.3 (MCS9)	3.36	11.00	-7.64
	5530	106	ax (SU) (80MHz)	567/600.5 (MCS11)	-3.25	11.00	-14.25
	*5610	122	ax (SU) (80MHz)	567/600.5 (MCS11)	0.16	11.00	-10.84
	5690	138	ax (SU) (80MHz)	567/600.5 (MCS11)	2.88	11.00	-8.12
	*5570	114	ac (160MHz)	390/433.3 (MCS9)	-6.38	11.00	-17.38
	*5570	114	ax (SU) (80MHz)	567/600.5 (MCS11)	-6.42	11.00	-17.42

Table 7-202. Bands 1, 2A, 2C Power Spectral Density Measurements Antenna 5T (High Data Rate)

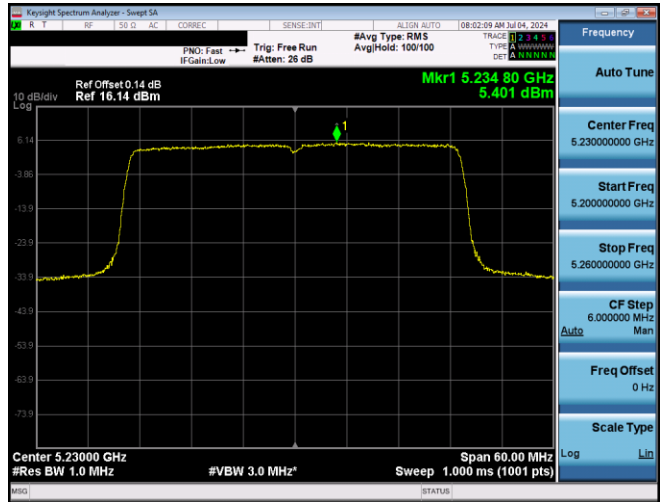
*TDWR channel is not supported for ISED (denoted by a * next to the frequency)

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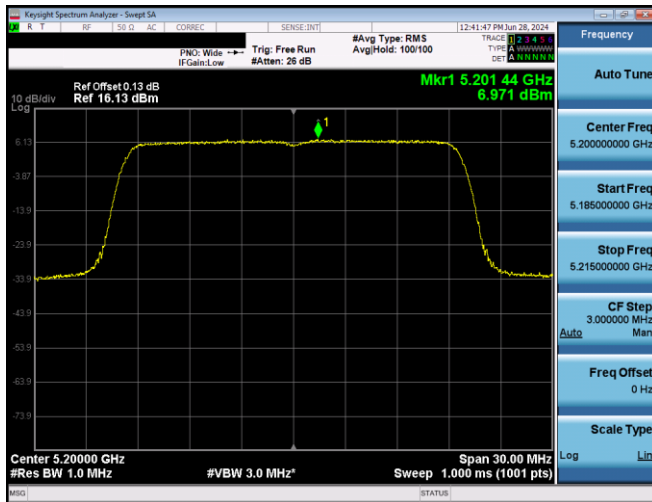
V 10.6 10/27/2023



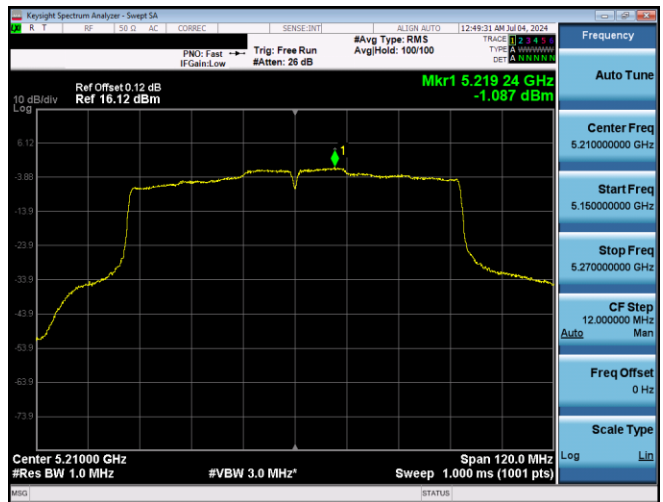
Plot 7-253. PSD Antenna 5T (20MHz BW 802.11n – Ch. 40, MCS2)



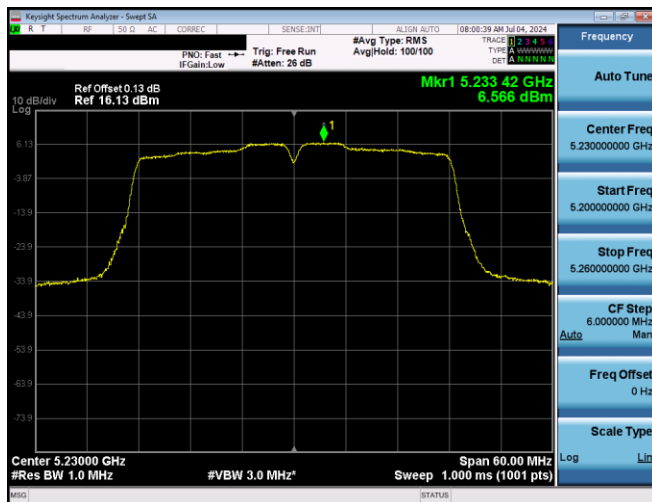
Plot 7-256. PSD Antenna 5T (40MHz BW 802.11ax(SU) – Ch. 46, MCS2)



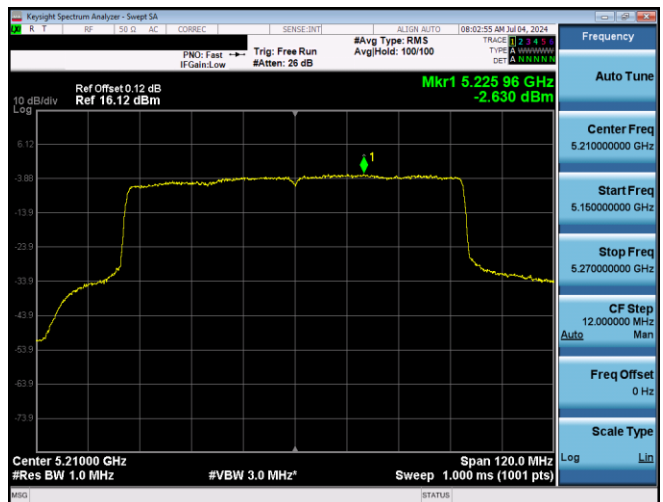
Plot 7-254. PSD Antenna 5T (20MHz BW 802.11ax(SU) – Ch. 40, MCS2)



Plot 7-257. PSD Antenna 5T (80MHz BW 802.11ac – Ch. 42, MCS2)

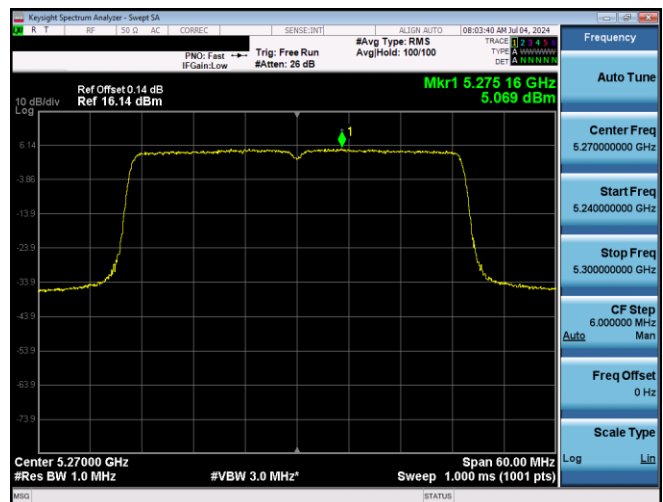
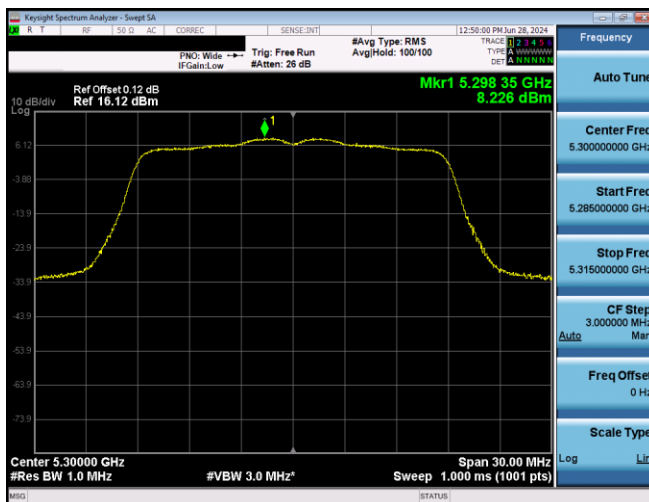
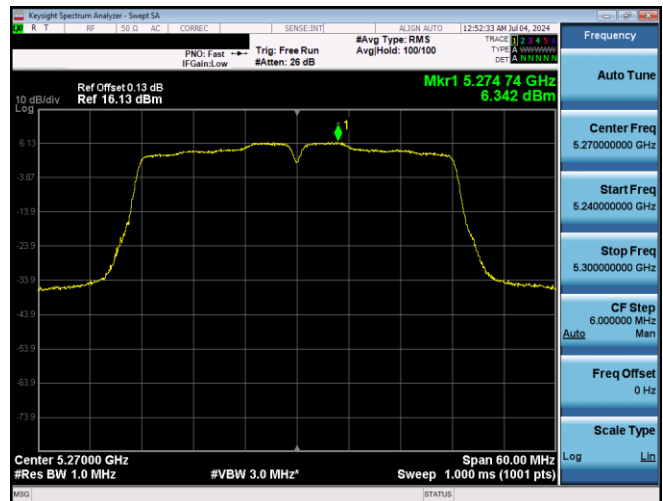
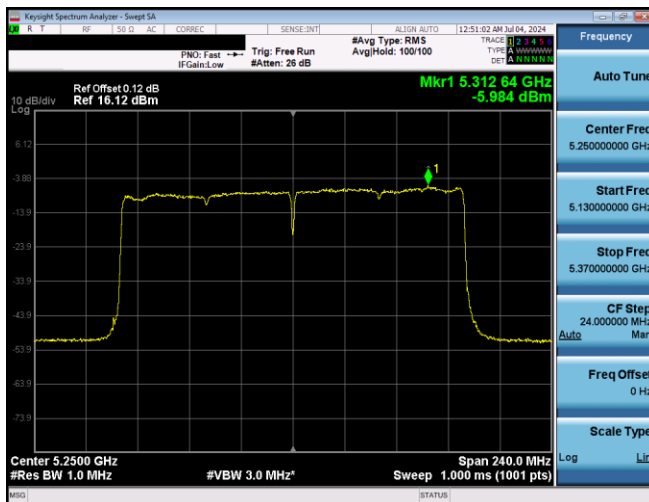
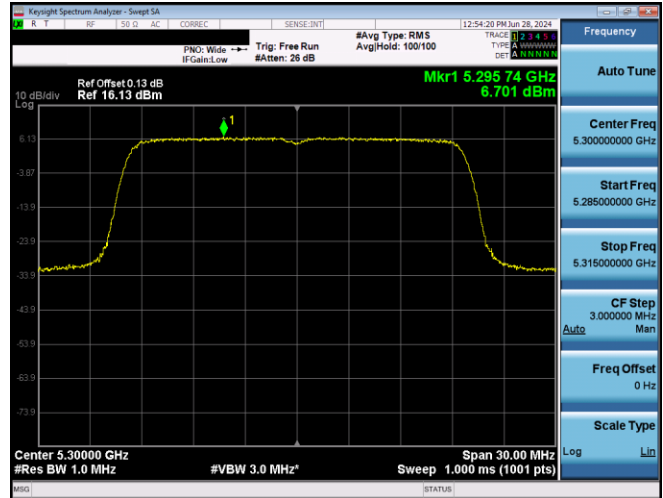
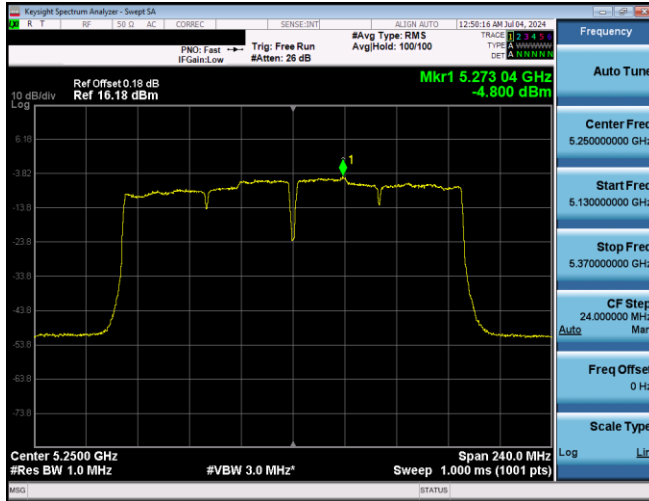


Plot 7-255. PSD Antenna 5T (40MHz BW 802.11n – Ch. 46, MCS2)



Plot 7-258. PSD Antenna 5T (80MHz BW 802.11ax(SU) – Ch. 42, MCS2)

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