

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

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna 5b	Antenna 4b	Summed		
	5180	36	CDD	AVG	106	53	270/286.8 (MCS11)	14.03	14.09	17.07	23.98	-6.91
			CDD	AVG	106	54	270/286.8 (MCS11)	14.08	14.02	17.06	23.98	-6.92
	5200	40	CDD	AVG	106	53	270/286.8 (MCS11)	14.73	14.91	17.83	23.98	-6.15
			CDD	AVG	106	54	270/286.8 (MCS11)	14.52	14.87	17.71	23.98	-6.27
	5240	48	CDD	AVG	106	53	270/286.8 (MCS11)	14.90	14.87	17.90	23.98	-6.08
			CDD	AVG	106	54	270/286.8 (MCS11)	14.87	14.83	17.86	23.98	-6.12
	5260	52	CDD	AVG	106	53	270/286.8 (MCS11)	14.92	14.91	17.93	23.71	-5.78
			CDD	AVG	106	54	270/286.8 (MCS11)	14.94	14.90	17.93	23.71	-5.78
	5280	56	CDD	AVG	106	53	270/286.8 (MCS11)	14.78	14.81	17.81	23.71	-5.90
			CDD	AVG	106	54	270/286.8 (MCS11)	14.92	14.87	17.91	23.71	-5.80
	5320	64	CDD	AVG	106	53	270/286.8 (MCS11)	14.56	14.54	17.56	23.71	-6.15
			CDD	AVG	106	54	270/286.8 (MCS11)	14.73	14.63	17.69	23.71	-6.02
	5500	100	CDD	AVG	106	53	270/286.8 (MCS11)	13.75	13.83	16.80	23.64	-6.84
			CDD	AVG	106	54	270/286.8 (MCS11)	13.80	13.81	16.82	23.64	-6.82
	5520	104	CDD	AVG	106	53	270/286.8 (MCS11)	14.82	14.82	17.83	23.64	-5.81
			CDD	AVG	106	54	270/286.8 (MCS11)	14.86	14.76	17.82	23.64	-5.82
	5540	108	CDD	AVG	106	53	270/286.8 (MCS11)	14.87	14.82	17.86	23.64	-5.78
			CDD	AVG	106	54	270/286.8 (MCS11)	14.98	14.83	17.92	23.64	-5.72
	5580	116	CDD	AVG	106	53	270/286.8 (MCS11)	14.78	14.83	17.82	23.64	-5.82
			CDD	AVG	106	54	270/286.8 (MCS11)	14.77	14.85	17.82	23.64	-5.82
	5660	132	CDD	AVG	106	53	270/286.8 (MCS11)	14.84	14.78	17.82	23.64	-5.82
			CDD	AVG	106	54	270/286.8 (MCS11)	14.97	14.96	17.98	23.64	-5.66
	5680	136	CDD	AVG	106	53	270/286.8 (MCS11)	14.77	14.81	17.80	23.64	-5.84
			CDD	AVG	106	54	270/286.8 (MCS11)	14.88	14.78	17.84	23.64	-5.80
	5700	140	CDD	AVG	106	53	270/286.8 (MCS11)	12.87	12.53	15.71	23.64	-7.93
			CDD	AVG	106	54	270/286.8 (MCS11)	12.76	12.53	15.66	23.64	-7.98
	5720	144	CDD	AVG	106	53	270/286.8 (MCS11)	14.60	14.65	17.64	23.64	-6.00
			CDD	AVG	106	54	270/286.8 (MCS11)	14.95	14.80	17.89	23.64	-5.75
	5745	149	CDD	AVG	106	53	270/286.8 (MCS11)	19.26	19.42	22.35	30.00	-7.65
			CDD	AVG	106	54	270/286.8 (MCS11)	19.46	19.33	22.41	30.00	-7.59
	5785	157	CDD	AVG	106	53	270/286.8 (MCS11)	19.13	19.19	22.17	30.00	-7.83
			CDD	AVG	106	54	270/286.8 (MCS11)	19.02	19.02	22.03	30.00	-7.97
	5825	165	CDD	AVG	106	53	270/286.8 (MCS11)	19.17	19.25	22.22	30.00	-7.78
			CDD	AVG	106	54	270/286.8 (MCS11)	19.10	19.17	22.15	30.00	-7.85

Table 7-52. FCC CDD 20MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

FCC ID: BCGA2379 IC: 579C-A2379	 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-16-R1.BCG	Test Dates: 12/12/2020 - 03/2/2021	EUT Type: Tablet Device
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5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna 5b	Antenna 4b	Summed		
	5190	38	CDD	AVG	242	61	542/573.6 (MCS11)	12.24	12.26	15.26	23.98	-8.72
			CDD	AVG	242	62	542/573.6 (MCS11)	12.25	12.50	15.39	23.98	-8.59
	5230	46	CDD	AVG	242	61	542/573.6 (MCS11)	16.72	16.86	19.80	23.98	-4.18
			CDD	AVG	242	62	542/573.6 (MCS11)	16.96	16.74	19.86	23.98	-4.12
	5270	54	CDD	AVG	242	61	542/573.6 (MCS11)	16.57	16.70	19.65	23.71	-4.06
			CDD	AVG	242	62	542/573.6 (MCS11)	16.68	16.91	19.81	23.71	-3.90
	5310	62	CDD	AVG	242	61	542/573.6 (MCS11)	12.74	12.92	15.84	23.71	-7.87
			CDD	AVG	242	62	542/573.6 (MCS11)	12.63	12.77	15.71	23.71	-8.00
	5510	102	CDD	AVG	242	61	542/573.6 (MCS11)	11.72	11.66	14.70	23.64	-8.94
			CDD	AVG	242	62	542/573.6 (MCS11)	11.90	11.76	14.84	23.64	-8.80
	5550	110	CDD	AVG	242	61	542/573.6 (MCS11)	16.82	16.90	19.87	23.64	-3.77
			CDD	AVG	242	62	542/573.6 (MCS11)	16.77	16.82	19.81	23.64	-3.83
	5590	118	CDD	AVG	242	61	542/573.6 (MCS11)	16.73	16.56	19.66	23.64	-3.98
			CDD	AVG	242	62	542/573.6 (MCS11)	16.88	16.83	19.87	23.64	-3.77
	5630	126	CDD	AVG	242	61	542/573.6 (MCS11)	16.73	16.86	19.81	23.64	-3.83
			CDD	AVG	242	62	542/573.6 (MCS11)	16.75	16.89	19.83	23.64	-3.81
	5670	134	CDD	AVG	242	61	542/573.6 (MCS11)	14.34	14.28	17.32	23.64	-6.32
			CDD	AVG	242	62	542/573.6 (MCS11)	14.25	14.42	17.35	23.64	-6.29
	5710	142	CDD	AVG	106	53	542/573.6 (MCS11)	14.69	14.98	17.85	23.64	-5.79
			CDD	AVG	106	54	542/573.6 (MCS11)	14.89	14.89	17.90	23.64	-5.74
			CDD	AVG	106	56	542/573.6 (MCS11)	14.75	14.65	17.71	23.64	-5.93
	5755	151	CDD	AVG	242	61	542/573.6 (MCS11)	19.14	19.12	22.14	30.00	-7.86
CDD			AVG	242	62	542/573.6 (MCS11)	19.31	19.34	22.34	30.00	-7.66	
5795	159	CDD	AVG	242	61	542/573.6 (MCS11)	19.44	19.33	22.40	30.00	-7.60	
		CDD	AVG	242	62	542/573.6 (MCS11)	19.48	19.47	22.49	30.00	-7.51	

Table 7-53. FCC CDD 40MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit	Conducted Power
								Antenna 5b	Antenna 4b	Summed	[dBm]	Margin [dB]
	5210	42	CDD	AVG	484	65	567/600.5 (MCS11)	10.37	10.36	13.38	23.98	-10.60
			CDD	AVG	484	66	567/600.5 (MCS11)	10.40	10.36	13.39	23.98	-10.59
	5290	58	CDD	AVG	484	65	567/600.5 (MCS11)	12.39	12.29	15.35	23.71	-8.36
			CDD	AVG	484	66	567/600.5 (MCS11)	12.30	12.41	15.37	23.71	-8.34
	5530	106	CDD	AVG	484	65	567/600.5 (MCS11)	11.95	11.59	14.78	23.64	-8.86
			CDD	AVG	484	66	567/600.5 (MCS11)	11.99	11.79	14.90	23.64	-8.74
	5610	122	CDD	AVG	484	65	567/600.5 (MCS11)	15.12	15.36	18.25	23.64	-5.39
			CDD	AVG	484	66	567/600.5 (MCS11)	15.43	15.43	18.44	23.64	-5.20
5690	138	CDD	AVG	106	53	567/600.5 (MCS11)	14.82	14.87	17.86	23.64	-5.78	
		CDD	AVG	106	56	567/600.5 (MCS11)	14.86	14.85	17.87	23.64	-5.77	
		CDD	AVG	106	60	567/600.5 (MCS11)	14.67	14.59	17.64	23.64	-6.00	
5775	155	CDD	AVG	484	65	567/600.5 (MCS11)	15.84	15.75	18.81	30.00	-11.19	
		CDD	AVG	484	66	567/600.5 (MCS11)	15.86	15.80	18.84	30.00	-11.16	

Table 7-54. FCC CDD 80MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

FCC ID: BCGA2379 IC: 579C-A2379	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2101020005-16-R1.BCG	Test Dates: 12/12/2020 - 03/2/2021	EUT Type: Tablet Device	Page 67 of 249

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

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 5b	Antenna 4b	Summed						
5180	36		SDM	AVG	106	53	270/286.8 (MCS11)	10.02	9.93	12.99	-	-	3.12	16.11	22.70	-6.60
			SDM	AVG	106	54	270/286.8 (MCS11)	10.15	10.01	13.09	-	-	3.12	16.21	22.70	-6.50
5200	40		SDM	AVG	106	53	270/286.8 (MCS11)	10.00	10.01	13.02	-	-	3.12	16.14	22.70	-6.57
			SDM	AVG	106	54	270/286.8 (MCS11)	9.92	10.05	13.00	-	-	3.12	16.12	22.70	-6.59
5240	48		SDM	AVG	106	53	270/286.8 (MCS11)	9.97	9.98	12.99	-	-	3.12	16.11	22.70	-6.60
			SDM	AVG	106	54	270/286.8 (MCS11)	9.99	10.02	13.02	-	-	3.12	16.14	22.70	-6.57
5260	52		CDD	AVG	106	53	270/286.8 (MCS11)	14.92	14.91	17.93	23.71	-5.78	5.59	23.52	29.71	-6.19
			CDD	AVG	106	54	270/286.8 (MCS11)	14.94	14.90	17.93	23.71	-5.78	5.59	23.52	29.71	-6.19
5280	56		CDD	AVG	106	53	270/286.8 (MCS11)	14.78	14.81	17.81	23.71	-5.90	5.59	23.40	29.71	-6.31
			CDD	AVG	106	54	270/286.8 (MCS11)	14.92	14.87	17.91	23.71	-5.80	5.59	23.50	29.71	-6.21
5320	64		CDD	AVG	106	53	270/286.8 (MCS11)	14.56	14.54	17.56	23.71	-6.15	5.59	23.15	29.71	-6.56
			CDD	AVG	106	54	270/286.8 (MCS11)	14.73	14.63	17.69	23.71	-6.02	5.59	23.28	29.71	-6.43
5500	100		CDD	AVG	106	53	270/286.8 (MCS11)	13.75	13.83	16.80	23.64	-6.84	5.45	22.25	29.64	-7.39
			CDD	AVG	106	54	270/286.8 (MCS11)	13.80	13.81	16.82	23.64	-6.82	5.45	22.27	29.64	-7.37
5520	104		CDD	AVG	106	53	270/286.8 (MCS11)	14.82	14.82	17.83	23.64	-5.81	5.45	23.28	29.64	-6.36
			CDD	AVG	106	54	270/286.8 (MCS11)	14.86	14.76	17.82	23.64	-5.82	5.45	23.27	29.64	-6.37
5540	108		CDD	AVG	106	53	270/286.8 (MCS11)	14.87	14.82	17.86	23.64	-5.78	5.45	23.31	29.64	-6.33
			CDD	AVG	106	54	270/286.8 (MCS11)	14.98	14.83	17.92	23.64	-5.72	5.45	23.37	29.64	-6.27
5580	116		CDD	AVG	106	53	270/286.8 (MCS11)	14.78	14.83	17.82	23.64	-5.82	5.45	23.27	29.64	-6.37
			CDD	AVG	106	54	270/286.8 (MCS11)	14.77	14.85	17.82	23.64	-5.82	5.45	23.27	29.64	-6.37
5660	132		CDD	AVG	106	53	270/286.8 (MCS11)	14.84	14.78	17.82	23.64	-5.82	5.45	23.27	29.64	-6.37
			CDD	AVG	106	54	270/286.8 (MCS11)	14.97	14.96	17.98	23.64	-5.66	5.45	23.43	29.64	-6.21
5680	136		CDD	AVG	106	53	270/286.8 (MCS11)	14.77	14.81	17.80	23.64	-5.84	5.45	23.25	29.64	-6.39
			CDD	AVG	106	54	270/286.8 (MCS11)	14.88	14.78	17.84	23.64	-5.80	5.45	23.29	29.64	-6.35
5700	140		CDD	AVG	106	53	270/286.8 (MCS11)	12.87	12.53	15.71	23.64	-7.93	5.45	21.16	29.64	-8.48
			CDD	AVG	106	54	270/286.8 (MCS11)	12.76	12.53	15.66	23.64	-7.98	5.45	21.11	29.64	-8.53
5720	144		CDD	AVG	106	53	270/286.8 (MCS11)	14.60	14.65	17.64	23.64	-6.00	5.45	23.09	29.64	-6.55
			CDD	AVG	106	54	270/286.8 (MCS11)	14.95	14.80	17.89	23.64	-5.75	5.45	23.34	29.64	-6.30
5745	149		CDD	AVG	106	53	270/286.8 (MCS11)	19.26	19.42	22.35	30.00	-7.65	6.07	28.42	-	-
			CDD	AVG	106	54	270/286.8 (MCS11)	19.46	19.33	22.41	30.00	-7.59	6.07	28.48	-	-
5785	157		CDD	AVG	106	53	270/286.8 (MCS11)	19.13	19.19	22.17	30.00	-7.83	6.07	28.24	-	-
			CDD	AVG	106	54	270/286.8 (MCS11)	19.02	19.02	22.03	30.00	-7.97	6.07	28.10	-	-
5825	165		CDD	AVG	106	53	270/286.8 (MCS11)	19.17	19.25	22.22	30.00	-7.78	6.07	28.29	-	-
			CDD	AVG	106	54	270/286.8 (MCS11)	19.10	19.17	22.15	30.00	-7.85	6.07	28.22	-	-

Table 7-55. ISED CDD/SDM 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 5b	Antenna 4b	Summed						
5190	38		SDM	AVG	242	61	542/573.6 (MCS11)	12.24	12.26	15.26	-	-	3.12	18.38	22.70	-4.33
			SDM	AVG	242	62	542/573.6 (MCS11)	12.25	12.50	15.39	-	-	3.12	18.51	22.70	-4.20
5230	46		CDD	AVG	242	61	542/573.6 (MCS11)	12.56	12.70	15.64	-	-	5.90	21.54	22.70	-1.16
			CDD	AVG	242	62	542/573.6 (MCS11)	12.45	12.62	15.55	-	-	5.90	21.45	22.70	-1.25
5270	54		CDD	AVG	242	61	542/573.6 (MCS11)	16.57	16.70	19.65	23.71	-4.06	5.59	25.24	29.71	-4.47
			CDD	AVG	242	62	542/573.6 (MCS11)	16.68	16.91	19.81	23.71	-3.90	5.59	25.40	29.71	-4.31
5310	62		CDD	AVG	242	61	542/573.6 (MCS11)	12.74	12.92	15.84	23.71	-7.87	5.59	21.43	29.71	-8.28
			CDD	AVG	242	62	542/573.6 (MCS11)	12.63	12.77	15.71	23.71	-8.00	5.59	21.30	29.71	-8.41
5510	102		CDD	AVG	242	61	542/573.6 (MCS11)	11.72	11.66	14.70	23.64	-8.94	5.45	20.15	29.64	-9.49
			CDD	AVG	242	62	542/573.6 (MCS11)	11.90	11.76	14.84	23.64	-8.80	5.45	20.29	29.64	-9.35
5550	110		CDD	AVG	242	61	542/573.6 (MCS11)	16.82	16.90	19.87	23.64	-3.77	5.45	25.32	29.64	-4.32
			CDD	AVG	242	62	542/573.6 (MCS11)	16.77	16.82	19.81	23.64	-3.83	5.45	25.26	29.64	-4.38
5670	134		CDD	AVG	242	61	542/573.6 (MCS11)	14.34	14.28	17.32	23.64	-6.32	5.45	22.77	29.64	-6.87
			CDD	AVG	242	62	542/573.6 (MCS11)	14.25	14.42	17.35	23.64	-6.29	5.45	22.80	29.64	-6.84
5710	142		CDD	AVG	106	53	542/573.6 (MCS11)	14.69	14.98	17.85	23.64	-5.79	5.45	23.30	29.64	-6.34
			CDD	AVG	106	54	542/573.6 (MCS11)	14.89	14.89	17.90	23.64	-5.74	5.45	23.35	29.64	-6.29
5755	151		CDD	AVG	106	56	542/573.6 (MCS11)	14.75	14.65	17.71	23.64	-5.93	5.45	23.16	29.64	-6.48
			CDD	AVG	242	61	542/573.6 (MCS11)	19.14	19.12	22.14	30.00	-7.86	5.45	27.59	-	-
5795	159		CDD	AVG	242	62	542/573.6 (MCS11)	19.31	19.34	22.34	30.00	-7.66	6.07	28.41	-	-
			CDD	AVG	242	61	542/573.6 (MCS11)	19.44	19.33	22.40	30.00	-7.60	6.07	28.47	-	-
			CDD	AVG	242	62	542/573.6 (MCS11)	19.48	19.47	22.49	30.00	-7.51	6.07	28.56	-	-

Table 7-56. ISED CDD/SDM 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 5b	Antenna 4b	Summed						
	5210	42	CDD	AVG	484	65	1134/1201 (MCS11)	10.37	10.36	13.38	-	-	5.90	19.28	22.70	-3.42
			CDD	AVG	484	66	1134/1201 (MCS11)	10.40	10.36	13.39	-	-	5.90	19.29	22.70	-3.41
	5290	58	CDD	AVG	484	65	1134/1201 (MCS11)	12.39	12.29	15.35	23.71	-8.36	5.59	20.94	29.71	-8.77
			CDD	AVG	484	66	1134/1201 (MCS11)	12.30	12.41	15.37	23.71	-8.34	5.59	20.96	29.71	-8.75
	5530	106	CDD	AVG	484	65	1134/1201 (MCS11)	11.95	11.59	14.78	23.64	-8.86	5.45	20.23	29.64	-9.41
			CDD	AVG	484	66	1134/1201 (MCS11)	11.99	11.79	14.90	23.64	-8.74	5.45	20.35	29.64	-9.29
	5690	138	CDD	AVG	106	53	1134/1201 (MCS11)	14.82	14.87	17.86	23.64	-5.78	5.45	23.31	29.64	-6.33
			CDD	AVG	106	56	1134/1201 (MCS11)	14.86	14.85	17.87	23.64	-5.77	5.45	23.32	29.64	-6.32
5775	155	CDD	AVG	106	60	1134/1201 (MCS11)	14.67	14.59	17.64	23.64	-6.00	5.45	23.09	29.64	-6.55	
		CDD	AVG	484	65	1134/1201 (MCS11)	15.84	15.75	18.81	30.00	-11.19	5.45	24.26	-	-	
		CDD	AVG	484	66	1134/1201 (MCS11)	15.86	15.80	18.84	30.00	-11.16	6.07	24.91	-	-	

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

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna 5b	Antenna 4b	Summed		
	5180	36	CDD	AVG	242	61	270/286.8 (MCS11)	14.48	14.50	17.50	23.98	-6.48
	5200	40	CDD	AVG	242	61	270/286.8 (MCS11)	16.94	16.98	19.97	23.98	-4.01
	5240	48	CDD	AVG	242	61	270/286.8 (MCS11)	16.90	16.85	19.89	23.98	-4.09
	5260	52	CDD	AVG	242	61	270/286.8 (MCS11)	16.93	16.92	19.94	23.71	-3.77
	5280	56	CDD	AVG	242	61	270/286.8 (MCS11)	17.00	16.98	20.00	23.71	-3.71
	5320	64	CDD	AVG	242	61	270/286.8 (MCS11)	15.35	15.41	18.39	23.71	-5.32
	5500	100	CDD	AVG	242	61	270/286.8 (MCS11)	13.97	14.00	17.00	23.64	-6.64
	5520	104	CDD	AVG	242	61	270/286.8 (MCS11)	16.95	17.00	19.99	23.64	-3.65
	5540	108	CDD	AVG	242	61	270/286.8 (MCS11)	16.99	16.95	19.98	23.64	-3.66
	5580	116	CDD	AVG	242	61	270/286.8 (MCS11)	16.92	16.93	19.94	23.64	-3.70
	5660	132	CDD	AVG	242	61	270/286.8 (MCS11)	16.97	16.92	19.96	23.64	-3.68
	5680	136	CDD	AVG	242	61	270/286.8 (MCS11)	15.96	16.00	18.99	23.64	-4.65
	5700	140	CDD	AVG	242	61	270/286.8 (MCS11)	13.00	12.99	16.01	23.64	-7.63
	5720	144	CDD	AVG	242	61	270/286.8 (MCS11)	16.88	16.93	19.92	23.64	-3.72
	5745	149	CDD	AVG	242	61	270/286.8 (MCS11)	19.50	19.50	22.51	30.00	-7.49
	5785	157	CDD	AVG	242	61	270/286.8 (MCS11)	19.48	19.50	22.50	30.00	-7.50
	5825	165	CDD	AVG	242	61	270/286.8 (MCS11)	19.46	19.50	22.49	30.00	-7.51

Table 7-58. FCC CDD 20MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna 5b	Antenna 4b	Summed		
	5190	38	CDD	AVG	484	65	542/573.6 (MCS11)	12.50	12.42	15.47	23.98	-8.51
	5230	46	CDD	AVG	484	65	542/573.6 (MCS11)	18.97	18.96	21.98	23.98	-2.00
	5270	54	CDD	AVG	484	65	542/573.6 (MCS11)	19.50	19.42	22.47	23.71	-1.24
	5310	62	CDD	AVG	484	65	542/573.6 (MCS11)	12.99	12.93	15.97	23.71	-7.74
	5510	102	CDD	AVG	484	65	542/573.6 (MCS11)	12.00	12.00	15.01	23.64	-8.63
	5550	110	CDD	AVG	484	65	542/573.6 (MCS11)	17.46	17.46	20.47	23.64	-3.17
	5590	118	CDD	AVG	484	65	542/573.6 (MCS11)	18.88	19.00	21.95	23.64	-1.69
	5630	126	CDD	AVG	484	65	542/573.6 (MCS11)	17.40	17.50	20.46	23.64	-3.18
	5670	134	CDD	AVG	484	65	542/573.6 (MCS11)	14.48	14.37	17.44	23.64	-6.20
	5710	142	CDD	AVG	484	65	542/573.6 (MCS11)	19.41	19.49	22.46	23.64	-1.18
	5755	151	CDD	AVG	484	65	542/573.6 (MCS11)	19.50	19.50	22.51	30.00	-7.49
	5795	159	CDD	AVG	484	65	542/573.6 (MCS11)	19.49	19.44	22.48	30.00	-7.52

Table 7-59. FCC CDD 40MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna 5b	Antenna 4b	Summed		
	5210	42	CDD	AVG	996	67	1134/1201 (MCS11)	10.50	10.38	13.45	23.98	-10.53
	5290	58	CDD	AVG	996	67	1134/1201 (MCS11)	12.50	12.50	15.51	23.71	-8.20
	5530	106	CDD	AVG	996	67	1134/1201 (MCS11)	11.86	12.00	14.94	23.64	-8.70
	5610	122	CDD	AVG	996	67	1134/1201 (MCS11)	15.49	15.49	18.50	23.64	-5.14
	5690	138	CDD	AVG	996	67	1134/1201 (MCS11)	19.38	19.48	22.44	23.64	-1.20
	5775	155	CDD	AVG	996	67	1134/1201 (MCS11)	15.98	15.91	18.96	30.00	-11.04

Table 7-60. FCC CDD 80MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

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

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 5b	Antenna 4b	Summed						
	5180	36	SDM	AVG	242	61	270/286.8 (MCS11)	12.61	12.65	15.64	-	-	3.12	18.76	22.70	-3.95
	5200	40	SDM	AVG	242	61	270/286.8 (MCS11)	12.45	12.56	15.52	-	-	3.12	18.64	22.70	-4.07
	5240	48	SDM	AVG	242	61	270/286.8 (MCS11)	12.56	12.46	15.52	-	-	3.12	18.64	22.70	-4.07
	5260	52	CDD	AVG	242	61	270/286.8 (MCS11)	16.93	16.92	19.94	23.71	-3.77	5.59	25.53	29.71	-4.18
	5280	56	CDD	AVG	242	61	270/286.8 (MCS11)	17.00	16.98	20.00	23.71	-3.71	5.59	25.59	29.71	-4.12
	5320	64	CDD	AVG	242	61	270/286.8 (MCS11)	15.35	15.41	18.39	23.71	-5.32	5.59	23.98	29.71	-5.73
	5500	100	CDD	AVG	242	61	270/286.8 (MCS11)	13.97	14.00	17.00	23.64	-6.64	5.45	22.45	29.64	-7.19
	5520	104	CDD	AVG	242	61	270/286.8 (MCS11)	16.95	17.00	19.99	23.64	-3.65	5.45	25.44	29.64	-4.20
	5540	108	CDD	AVG	242	61	270/286.8 (MCS11)	16.99	16.95	19.98	23.64	-3.66	5.45	25.43	29.64	-4.21
	5580	116	CDD	AVG	242	61	270/286.8 (MCS11)	16.92	16.93	19.94	23.64	-3.70	5.45	25.39	29.64	-4.25
	5660	132	CDD	AVG	242	61	270/286.8 (MCS11)	16.97	16.92	19.96	23.64	-3.68	5.45	25.41	29.64	-4.23
	5680	136	CDD	AVG	242	61	270/286.8 (MCS11)	15.96	16.00	18.99	23.64	-4.65	5.45	24.44	29.64	-5.20
	5700	140	CDD	AVG	242	61	270/286.8 (MCS11)	13.00	12.99	16.01	23.64	-7.63	5.45	21.46	29.64	-8.18
	5720	144	CDD	AVG	242	61	270/286.8 (MCS11)	16.88	16.93	19.92	23.64	-3.72	5.45	25.37	29.64	-4.27
	5745	149	CDD	AVG	242	61	270/286.8 (MCS11)	19.50	19.50	22.51	30.00	-7.49	6.07	28.58	-	-
	5785	157	CDD	AVG	242	61	270/286.8 (MCS11)	19.48	19.50	22.50	30.00	-7.50	6.07	28.57	-	-
	5825	165	CDD	AVG	242	61	270/286.8 (MCS11)	19.46	19.50	22.49	30.00	-7.51	6.07	28.56	-	-

Table 7-61. ISED CDD/SDM 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 5b	Antenna 4b	Summed						
	5190	38	SDM	AVG	484	65	542/573.6 (MCS11)	12.50	12.42	15.47	-	-	3.12	18.59	22.70	-4.12
	5230	46	SDM	AVG	484	65	542/573.6 (MCS11)	15.58	15.40	18.50	-	-	3.12	21.62	22.70	-1.09
	5270	54	CDD	AVG	484	65	542/573.6 (MCS11)	19.50	19.42	22.47	23.71	-1.24	5.59	28.06	29.71	-1.65
	5310	62	CDD	AVG	484	65	542/573.6 (MCS11)	12.99	12.93	15.97	23.71	-7.74	5.59	21.56	29.71	-8.15
	5510	102	CDD	AVG	484	65	542/573.6 (MCS11)	12.00	12.00	15.01	23.64	-8.63	5.45	20.46	29.64	-9.18
	5550	110	CDD	AVG	484	65	542/573.6 (MCS11)	17.46	17.46	20.47	23.64	-3.17	5.45	25.92	29.64	-3.72
	5670	134	CDD	AVG	484	65	542/573.6 (MCS11)	14.48	14.37	17.44	23.64	-6.20	5.45	22.89	29.64	-6.75
	5710	142	CDD	AVG	484	65	542/573.6 (MCS11)	19.41	19.49	22.46	23.64	-1.18	5.45	27.91	29.64	-1.73
	5755	151	CDD	AVG	484	65	542/573.6 (MCS11)	19.50	19.50	22.51	30.00	-7.49	6.07	28.58	-	-
	5795	159	CDD	AVG	484	65	542/573.6 (MCS11)	19.49	19.44	22.48	30.00	-7.52	6.07	28.55	-	-

Table 7-62. ISED CDD/SDM 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
								Antenna 5b	Antenna 4b	Summed						
	5210	42	CDD	AVG	996	67	1134/1201 (MCS11)	10.50	10.38	13.45	-	-	5.90	19.35	22.70	-3.35
	5290	58	CDD	AVG	996	67	1134/1201 (MCS11)	12.50	12.50	15.51	23.71	-8.20	5.59	21.10	29.71	-8.61
	5530	106	CDD	AVG	996	67	1134/1201 (MCS11)	11.86	12.00	14.94	23.64	-8.70	5.45	20.39	29.64	-9.25
	5690	138	CDD	AVG	996	67	1134/1201 (MCS11)	19.38	19.48	22.44	23.64	-1.20	5.45	27.89	29.64	-1.75
	5775	155	CDD	AVG	996	67	1134/1201 (MCS11)	15.98	15.91	18.96	30.00	-11.04	6.07	25.03	-	-

Table 7-63. ISED CDD 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

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Note:

Per ANSI C63.10-2013 and KDB 662911 v02r01 Section E1), the conducted powers at Antenna 5b and Antenna 4b were first measured separately during CDD/SDM transmission as shown in the section above. The measured values were then summed in linear power units then converted back to dBm.

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

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

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

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

Sample CDD Calculation:

At 5180MHz in 802.11n (20MHz BW) mode, the average conducted output power was measured to be 4.09 dBm for Antenna-5b and 4.18 dBm for Antenna-4b.

$$\text{Antenna 5b} + \text{Antenna 4b} = \text{CDD/SDM}$$

$$(4.09 \text{ dBm} + 4.18 \text{ dBm}) = (2.56 \text{ mW} + 2.62 \text{ mW}) = 5.18 \text{ mW} = 7.15 \text{ dBm}$$

Sample e.i.r.p. Calculation:

At 5180MHz in 802.11n (20MHz BW, SDM) mode, the average CDD/SDM conducted power was calculated to be 7.15 dBm with directional gain of 3.12 dBi.

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

$$7.15 \text{ dBm} + 3.12 \text{ dBi} = 10.27 \text{ dBm}$$

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7.5 Maximum Power Spectral Density – 802.11ax OFDMA

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

Test Overview and Limit

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

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

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

Test Procedure Used

ANSI C63.10-2013 – Section 12.3.2.2

KDB 789033 D02 v02r01 – Section F

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

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

Test Settings

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

Test Setup

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



Figure 7-4. Test Instrument & Measurement Setup

Test Notes

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

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Antenna 5b Power Spectral Density Measurements

	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	ax (20MHz)	26	0	135/143.4 (MCS11)	9.48	11.0	-1.52
				26	4	135/143.4 (MCS11)	8.86	11.0	-2.14
				26	8	135/143.4 (MCS11)	9.11	11.0	-1.89
	5200	40	ax (20MHz)	26	0	135/143.4 (MCS11)	9.72	11.0	-1.28
				26	4	135/143.4 (MCS11)	8.77	11.0	-2.23
				26	8	135/143.4 (MCS11)	9.39	11.0	-1.61
	5240	48	ax (20MHz)	26	0	135/143.4 (MCS11)	9.57	11.0	-1.43
				26	4	135/143.4 (MCS11)	8.64	11.0	-2.36
				26	8	135/143.4 (MCS11)	9.10	11.0	-1.90
	5190	38	ax (40MHz)	26	0	271/286.8 (MCS11)	9.10	11.0	-1.90
				26	8	271/286.8 (MCS11)	9.59	11.0	-1.41
				26	17	271/286.8 (MCS11)	9.09	11.0	-1.91
	5230	46	ax (40MHz)	26	0	271/286.8 (MCS11)	8.90	11.0	-2.10
				26	8	271/286.8 (MCS11)	9.58	11.0	-1.42
				26	17	271/286.8 (MCS11)	9.10	11.0	-1.90
	5210	42	ax (80MHz)	26	0	567/600.5 (MCS11)	7.94	11.0	-3.06
				26	18	567/600.5 (MCS11)	7.37	11.0	-3.63
				26	36	567/600.5 (MCS11)	8.41	11.0	-2.59
Band 2A	5260	52	ax (20MHz)	26	0	135/143.4 (MCS11)	9.46	11.0	-1.54
				26	4	135/143.4 (MCS11)	9.14	11.0	-1.86
				26	8	135/143.4 (MCS11)	9.74	11.0	-1.26
	5280	56	ax (20MHz)	26	0	135/143.4 (MCS11)	9.50	11.0	-1.50
				26	4	135/143.4 (MCS11)	9.36	11.0	-1.64
				26	8	135/143.4 (MCS11)	9.49	11.0	-1.51
	5320	64	ax (20MHz)	26	0	135/143.4 (MCS11)	9.62	11.0	-1.38
				26	4	135/143.4 (MCS11)	9.01	11.0	-1.99
				26	8	135/143.4 (MCS11)	9.81	11.0	-1.19
	5270	54	ax (40MHz)	26	0	271/286.8 (MCS11)	9.36	11.0	-1.64
				26	8	271/286.8 (MCS11)	10.11	11.0	-0.89
				26	17	271/286.8 (MCS11)	9.84	11.0	-1.16
	5310	62	ax (40MHz)	26	0	271/286.8 (MCS11)	9.39	11.0	-1.61
				26	8	271/286.8 (MCS11)	10.28	11.0	-0.72
				26	17	271/286.8 (MCS11)	9.40	11.0	-1.60
	5290	58	ax (80MHz)	26	0	567/600.5 (MCS11)	8.91	11.0	-2.09
				26	18	567/600.5 (MCS11)	8.40	11.0	-2.60
				26	36	567/600.5 (MCS11)	9.14	11.0	-1.86
Band 2C	5500	100	ax (20MHz)	26	0	135/143.4 (MCS11)	9.98	11.0	-1.02
				26	4	135/143.4 (MCS11)	8.89	11.0	-2.11
				26	8	135/143.4 (MCS11)	9.04	11.0	-1.96
	5580	116	ax (20MHz)	26	0	135/143.4 (MCS11)	9.11	11.0	-1.89
				26	4	135/143.4 (MCS11)	8.82	11.0	-2.18
				26	8	135/143.4 (MCS11)	9.72	11.0	-1.28
	5720	144	ax (20MHz)	26	0	135/143.4 (MCS11)	9.78	11.0	-1.22
				26	4	135/143.4 (MCS11)	9.67	11.0	-1.33
				26	8	135/143.4 (MCS11)	10.15	11.0	-0.85
	5510	102	ax (40MHz)	26	0	271/286.8 (MCS11)	9.11	11.0	-1.89
				26	8	271/286.8 (MCS11)	9.85	11.0	-1.15
				26	17	271/286.8 (MCS11)	8.82	11.0	-2.18
	5550	110	ax (40MHz)	26	0	271/286.8 (MCS11)	8.60	11.0	-2.40
				26	8	271/286.8 (MCS11)	9.43	11.0	-1.57
				26	17	271/286.8 (MCS11)	8.35	11.0	-2.65
	5710	142	ax (40MHz)	26	0	271/286.8 (MCS11)	8.48	11.0	-2.52
				26	8	271/286.8 (MCS11)	10.23	11.0	-0.77
				26	17	271/286.8 (MCS11)	9.26	11.0	-1.74
	5530	106	ax (80MHz)	26	0	567/600.5 (MCS11)	8.86	11.0	-2.14
				26	18	567/600.5 (MCS11)	7.64	11.0	-3.36
				26	36	567/600.5 (MCS11)	8.79	11.0	-2.21
	*5610	122	ax (80MHz)	26	0	567/600.5 (MCS11)	7.56	11.0	-3.44
				26	18	567/600.5 (MCS11)	7.17	11.0	-3.83
				26	36	567/600.5 (MCS11)	8.26	11.0	-2.74
	5690	138	ax (80MHz)	26	0	567/600.5 (MCS11)	6.19	11.0	-4.81
				26	18	567/600.5 (MCS11)	6.24	11.0	-4.76
				26	36	567/600.5 (MCS11)	6.45	11.0	-4.55

Table 7-64. Bands 1, 2A, 2C Power Spectral Density Measurements Antenna 5b (RU26)

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

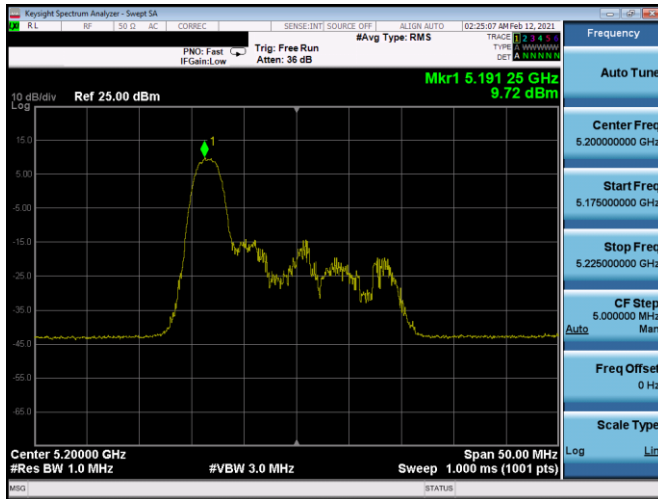
FCC ID: BCGA2379 IC: 579C-A2379		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-16-R1.BCG	Test Dates: 12/12/2020 - 03/2/2021	EUT Type: Tablet Device	Page 73 of 249

	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	ax (20MHz)	242	61	135/143.4 (MCS11)	3.24	11.0	-7.76
	5200	40	ax (20MHz)	242	61	135/143.4 (MCS11)	7.38	11.0	-3.62
	5240	48	ax (20MHz)	242	61	135/143.4 (MCS11)	7.54	11.0	-3.46
	5190	38	ax (40MHz)	484	65	271/286.8 (MCS11)	-3.52	11.0	-14.52
	5230	46	ax (40MHz)	484	65	271/286.8 (MCS11)	4.85	11.0	-6.15
	5210	42	ax (80MHz)	996	67	567/600.5 (MCS11)	-6.55	11.0	-17.55
Band 2A	5260	52	ax (20MHz)	242	61	135/143.4 (MCS11)	7.68	11.0	-3.32
	5280	56	ax (20MHz)	242	61	135/143.4 (MCS11)	7.68	11.0	-3.32
	5320	64	ax (20MHz)	242	61	135/143.4 (MCS11)	4.50	11.0	-6.50
	5270	54	ax (40MHz)	484	65	271/286.8 (MCS11)	4.80	11.0	-6.20
	5310	62	ax (40MHz)	484	65	271/286.8 (MCS11)	-0.01	11.0	-11.01
	5290	58	ax (80MHz)	996	67	567/600.5 (MCS11)	-3.45	11.0	-14.45
Band 2C	5500	100	ax (20MHz)	242	61	135/143.4 (MCS11)	2.52	11.0	-8.48
	5580	116	ax (20MHz)	242	61	135/143.4 (MCS11)	7.37	11.0	-3.63
	5720	144	ax (20MHz)	242	61	135/143.4 (MCS11)	7.94	11.0	-3.06
	5510	102	ax (40MHz)	484	65	271/286.8 (MCS11)	-1.67	11.0	-12.67
	5550	110	ax (40MHz)	484	65	271/286.8 (MCS11)	3.79	11.0	-7.21
	*5590	118	ax (40MHz)	484	65	271/286.8 (MCS11)	4.66	11.0	-6.34
	5710	142	ax (40MHz)	484	65	271/286.8 (MCS11)	5.63	11.0	-5.37
	5530	106	ax (80MHz)	996	67	567/600.5 (MCS11)	-5.19	11.0	-16.19
	*5610	122	ax (80MHz)	996	67	567/600.5 (MCS11)	-1.77	11.0	-12.77
	5690	138	ax (80MHz)	996	67	567/600.5 (MCS11)	-0.78	11.0	-11.78

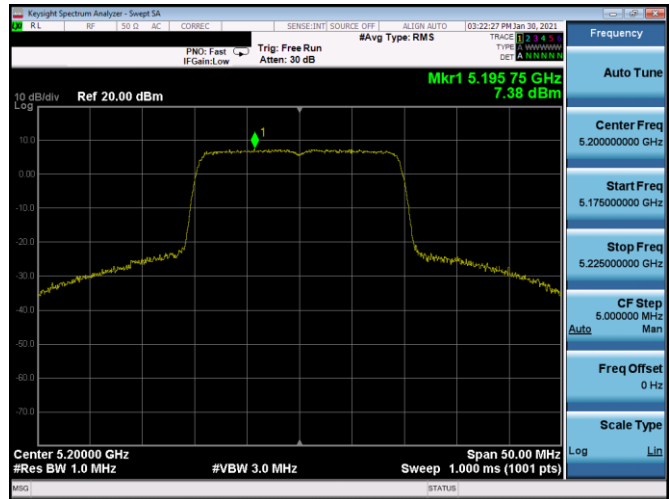
Table 7-65. Bands 1, 2A, 2C Power Spectral Density Measurements Antenna 5b (Fully-loaded RU)

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

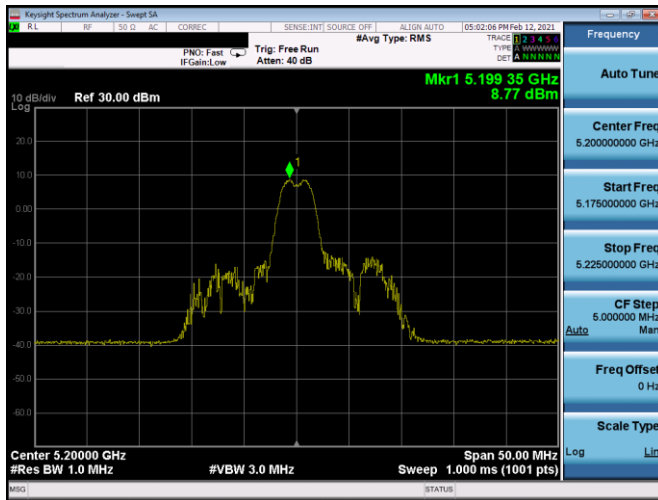
FCC ID: BCGA2379 IC: 579C-A2379	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2101020005-16-R1.BCG	Test Dates: 12/12/2020 - 03/2/2021	EUT Type: Tablet Device	Page 74 of 249



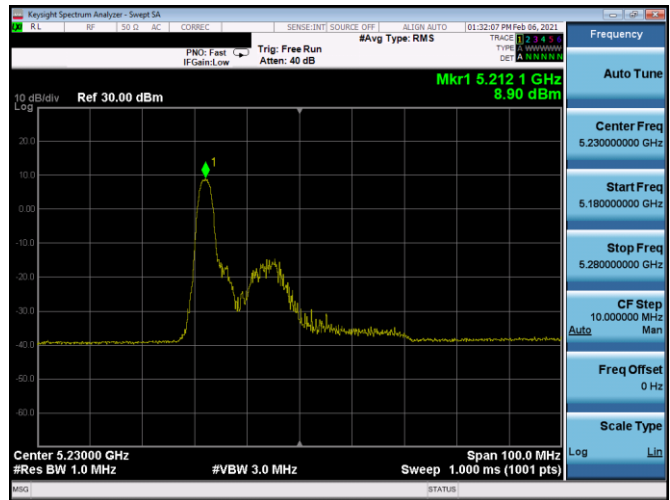
Plot 7-97. PSD Antenna 5b (20MHz BW 11ax Index 0 - RU26 - Ch.40)



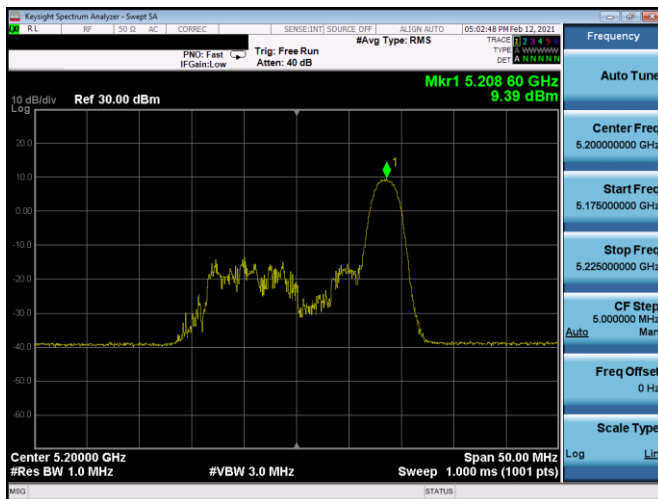
Plot 7-100. PSD Antenna 5b (20MHz BW 11ax - RU242 - Ch.40)



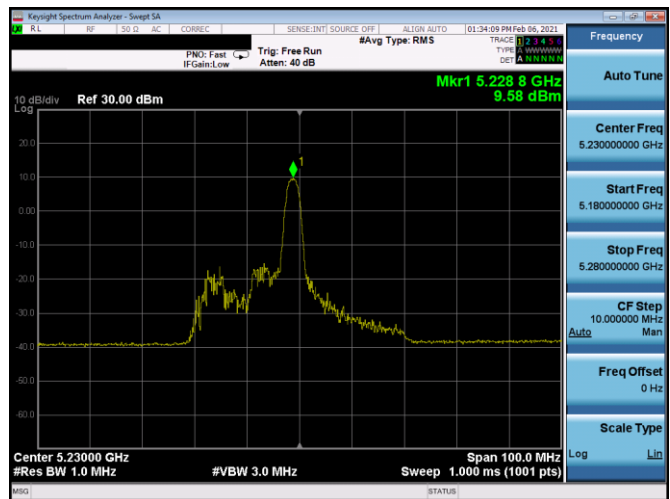
Plot 7-98. PSD Antenna 5b (20MHz BW 11ax Index 4 - RU26 - Ch.40)



Plot 7-101. PSD Antenna 5b (40MHz BW 11ax Index 0 - RU26 - Ch.46)

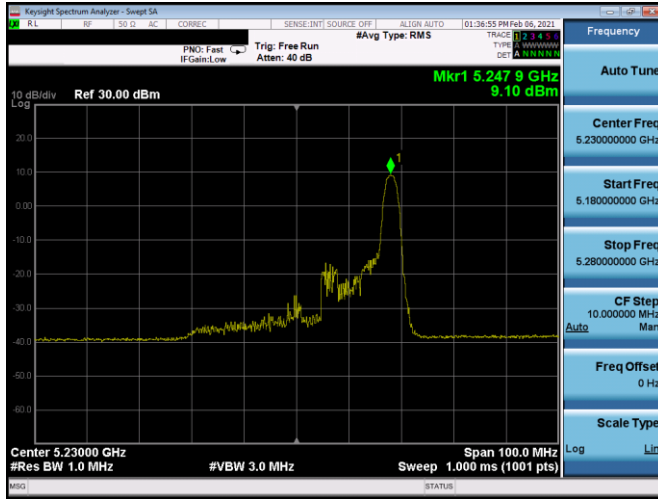


Plot 7-99. PSD Antenna 5b (20MHz BW 11ax Index 8 - RU26 - Ch.40)

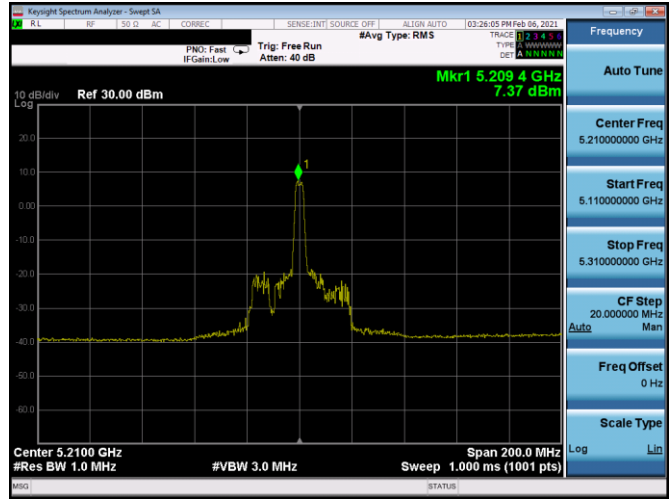


Plot 7-102. PSD Antenna 5b (40MHz BW 11ax Index 8 - RU26 - Ch.46)

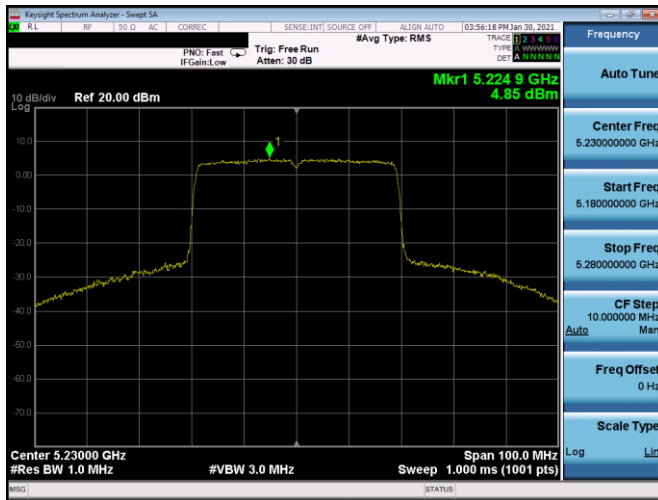
FCC ID: BCGA2379 IC: 579C-A2379	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-16-R1.BCG	Test Dates: 12/12/2020 - 03/2/2021	EUT Type: Tablet Device	Page 75 of 249



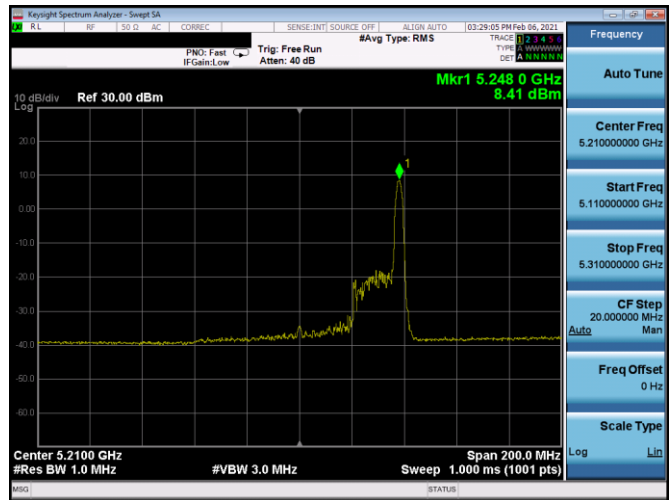
Plot 7-103. PSD Antenna 5b (40MHz BW 11ax Index 17 – RU26 – Ch.46)



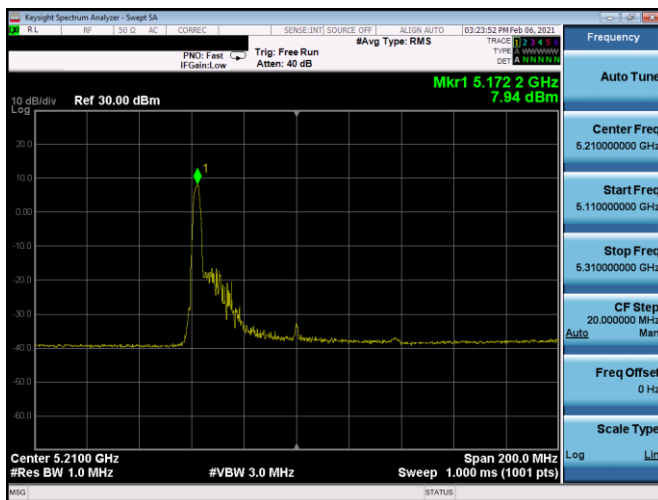
Plot 7-106. PSD Antenna 5b (80MHz BW 11ax Index 18 – RU26 – Ch.42)



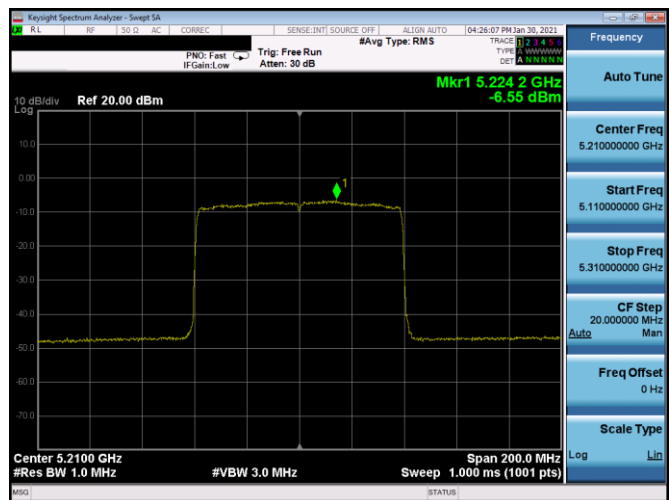
Plot 7-104. PSD Antenna 5b (40MHz BW 11ax – RU484 – Ch.46)



Plot 7-107. PSD Antenna 5b (80MHz BW 11ax Index 36 – RU26 – Ch.42)

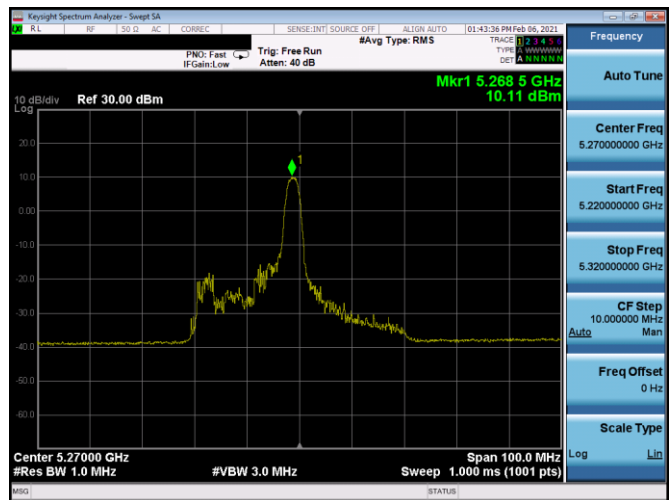
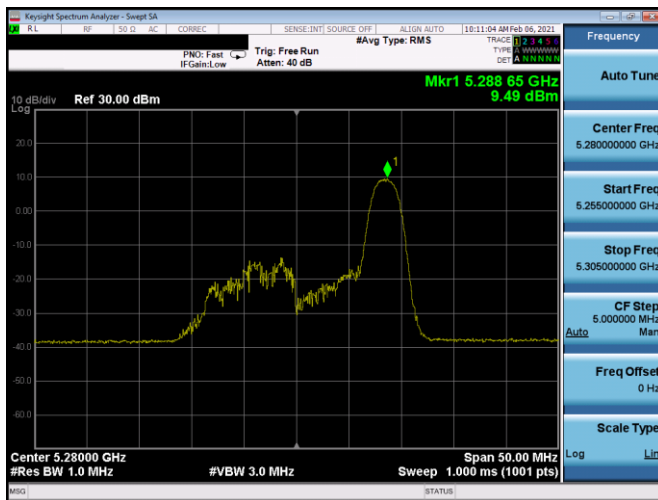
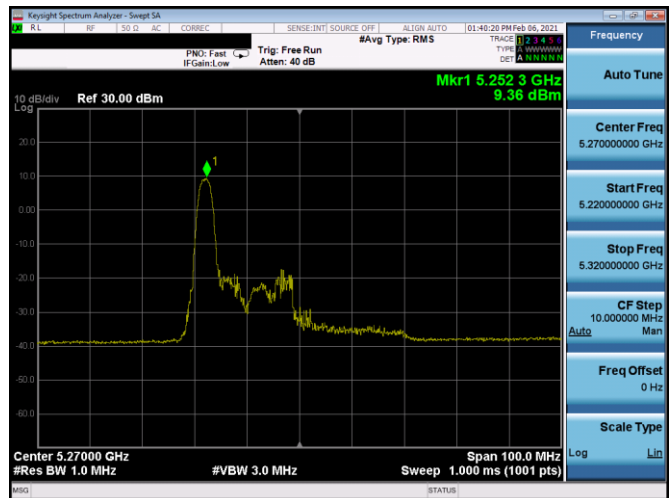
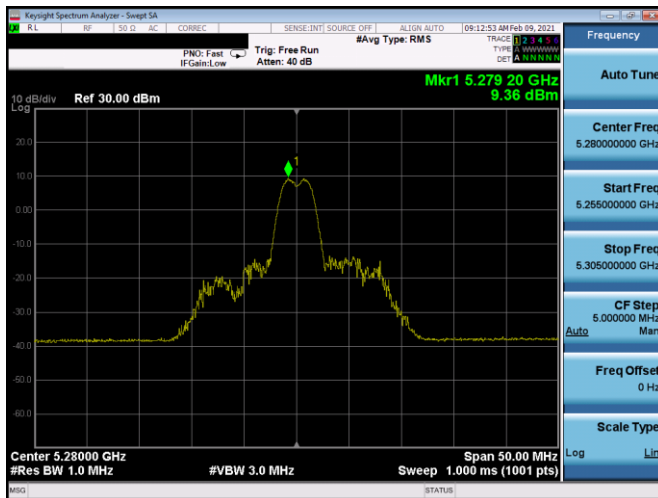
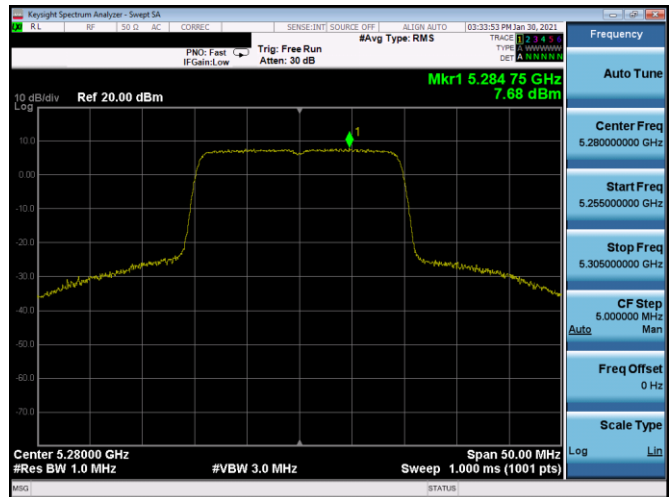
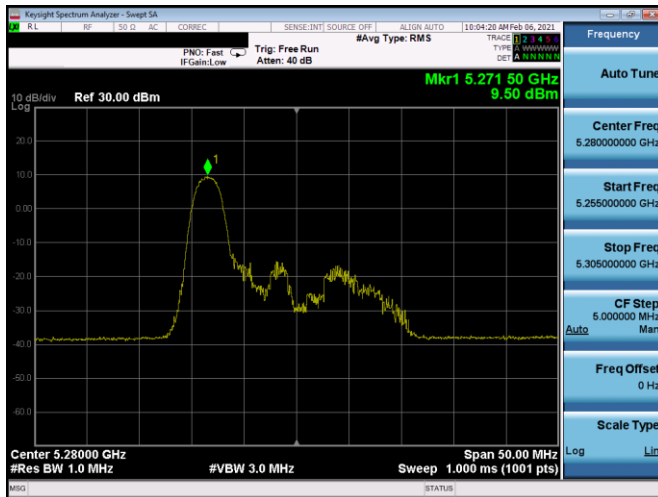


Plot 7-105. PSD Antenna 5b (80MHz BW 11ax Index 0 – RU26 – Ch.42)

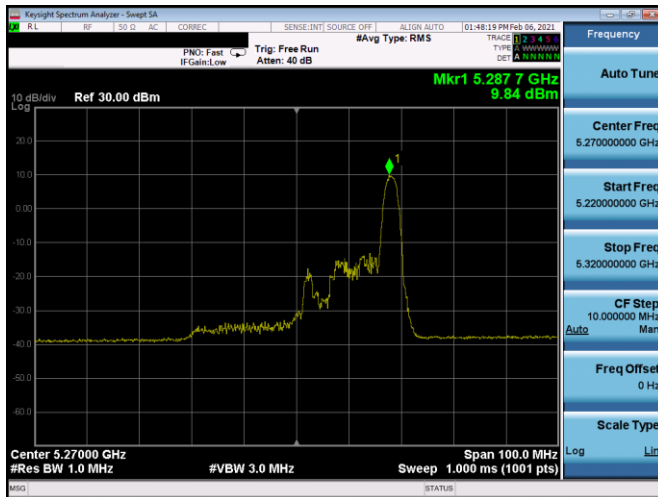


Plot 7-108. PSD Antenna 5b (80MHz BW 11ax – RU996 – Ch.42)

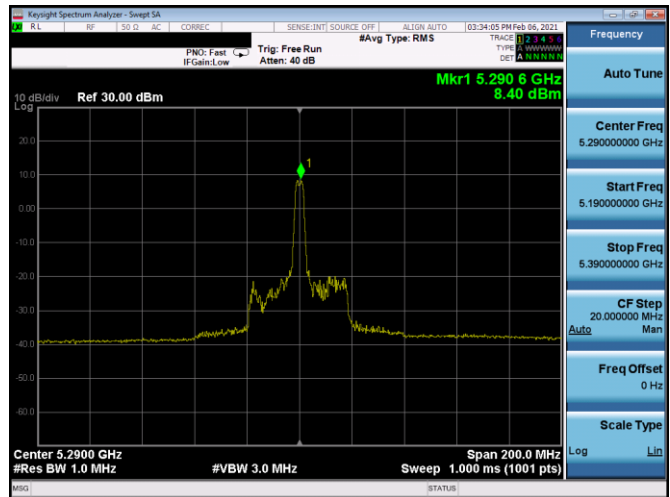
FCC ID: BCGA2379 IC: 579C-A2379	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-16-R1.BCG	Test Dates: 12/12/2020 - 03/2/2021	EUT Type: Tablet Device	Page 76 of 249



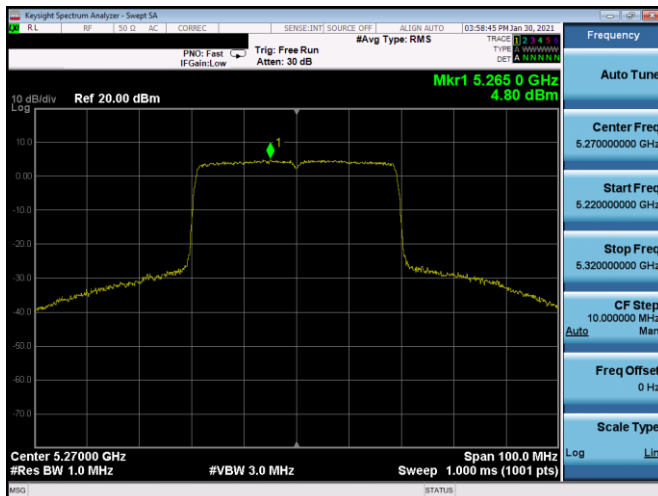
FCC ID: BCGA2379 IC: 579C-A2379	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-16-R1.BCG	Test Dates: 12/12/2020 - 03/2/2021	EUT Type: Tablet Device	Page 77 of 249



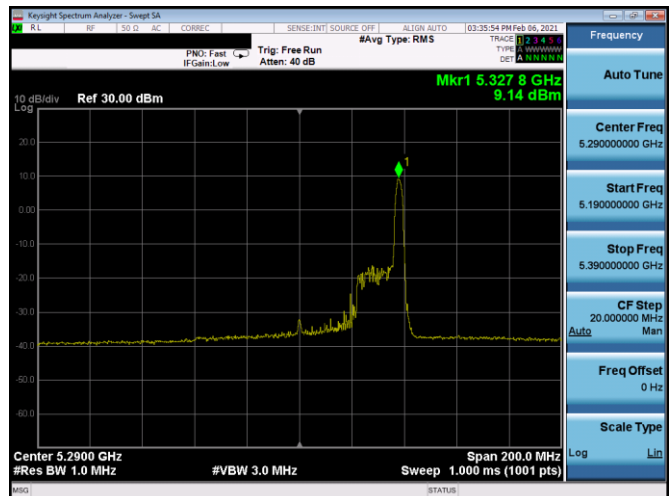
Plot 7-115. PSD Antenna 5b (40MHz BW 11ax Index 17 - RU26 - Ch.54)



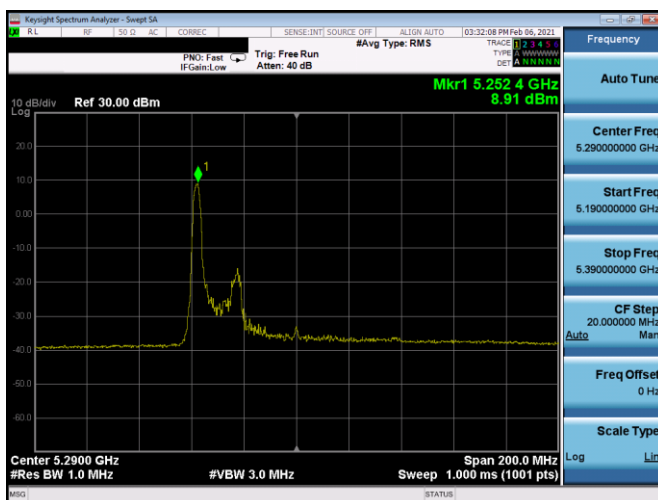
Plot 7-118. PSD Antenna 5b (80MHz BW 11ax Index 18 - RU26 - Ch.58)



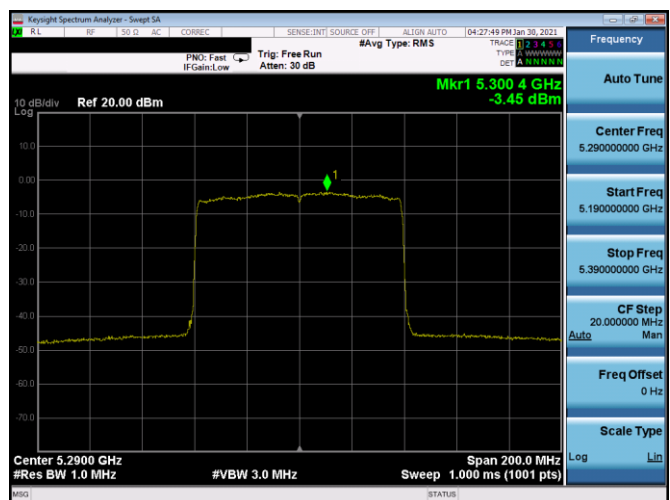
Plot 7-116. PSD Antenna 5b (40MHz BW 11ax - RU484 - Ch.54)



Plot 7-119. PSD Antenna 5b (80MHz BW 11ax Index 36 - RU26 - Ch.58)

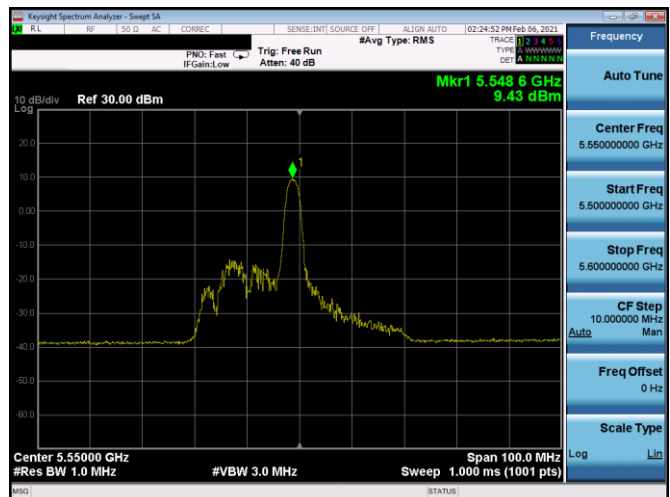
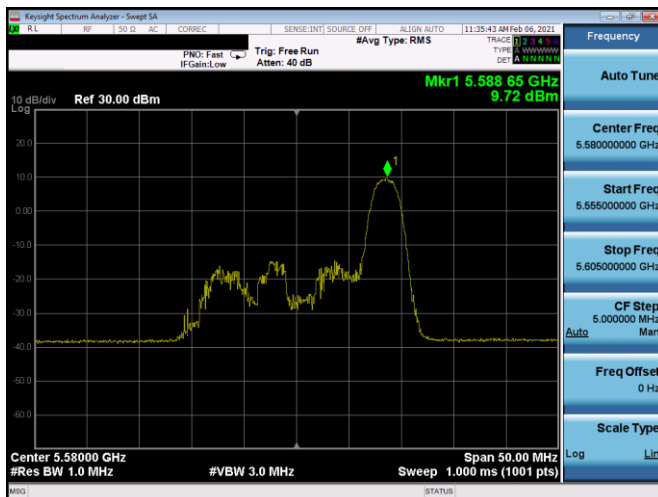
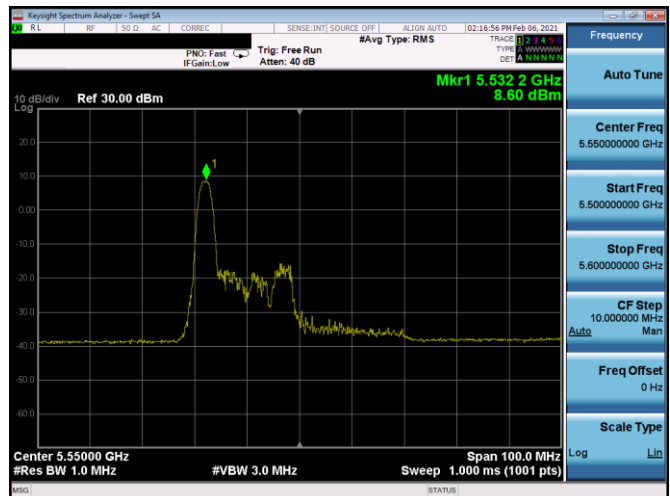
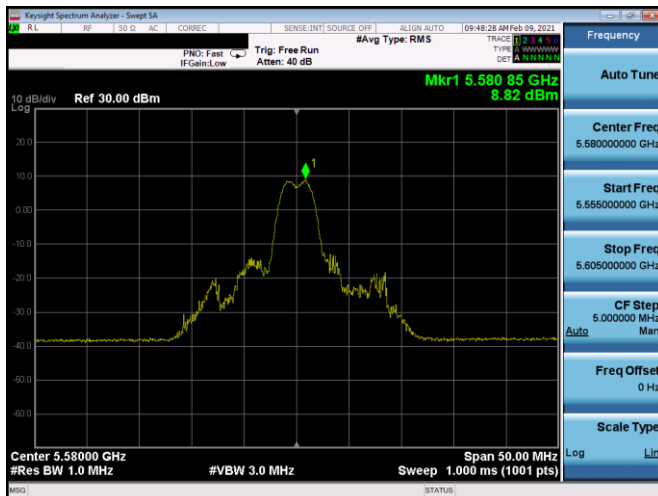
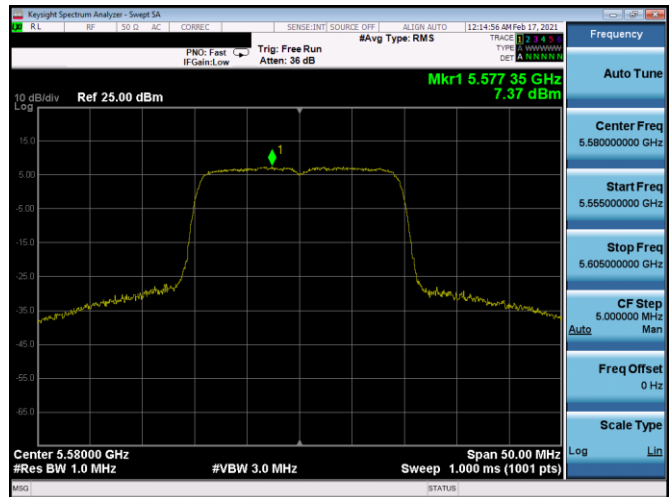
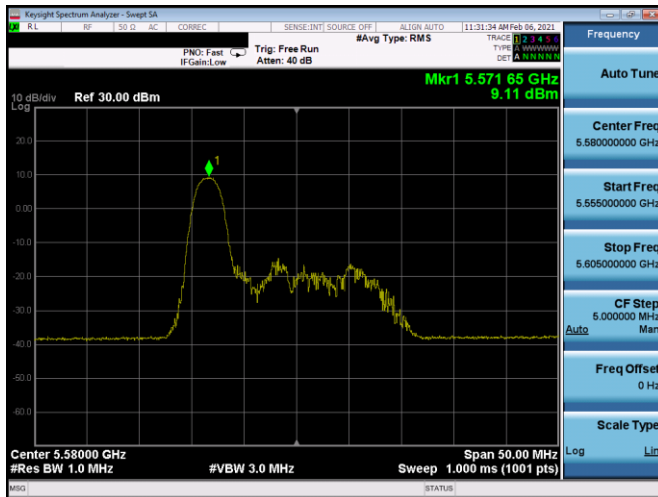


Plot 7-117. PSD Antenna 5b (80MHz BW 11ax Index 0 - RU26 - Ch.58)

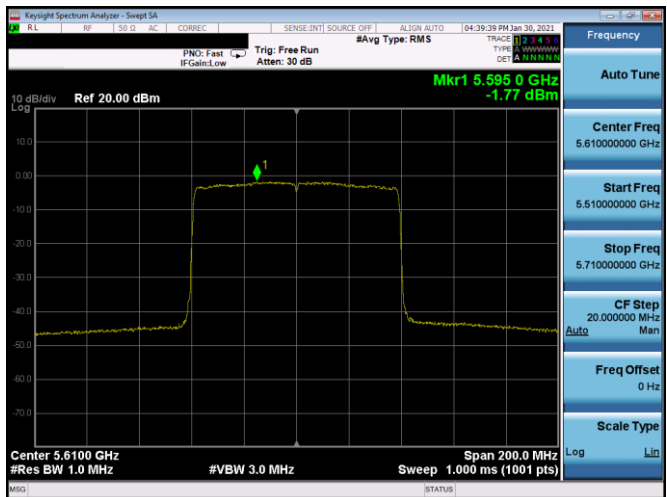
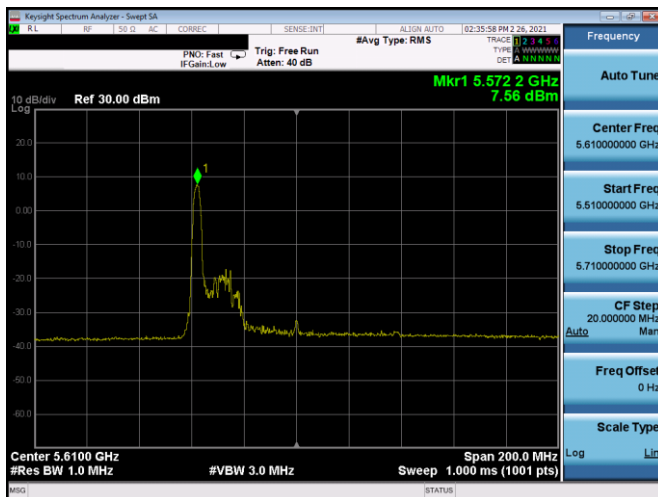
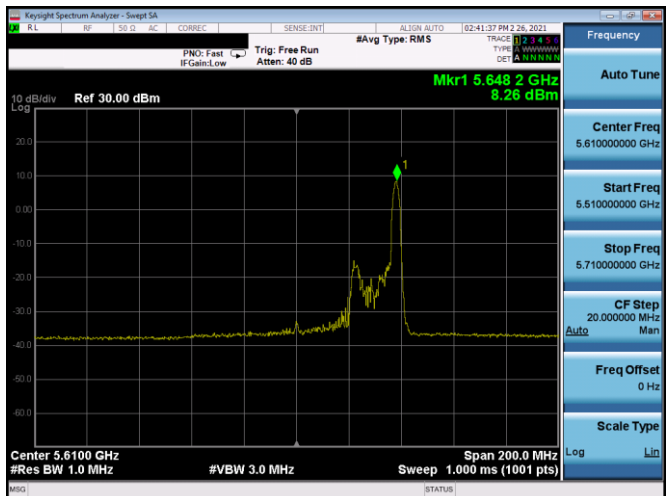
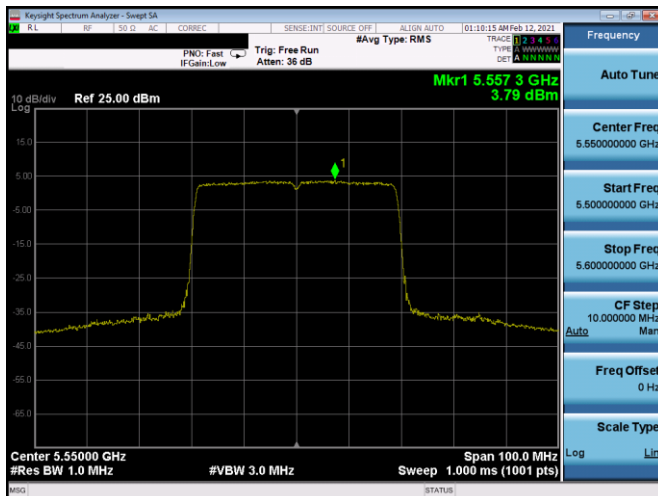
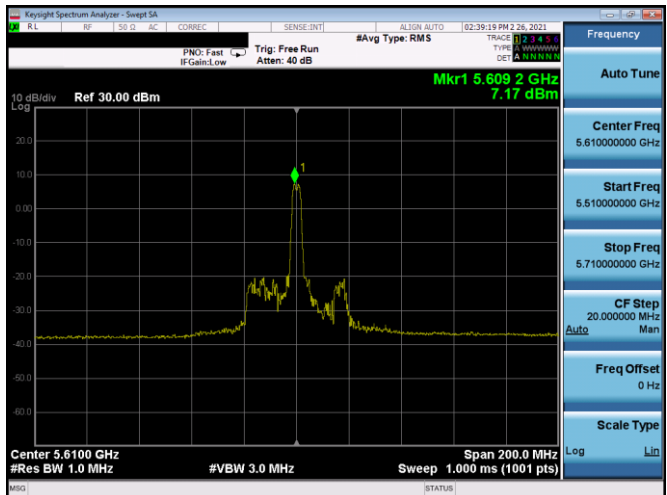
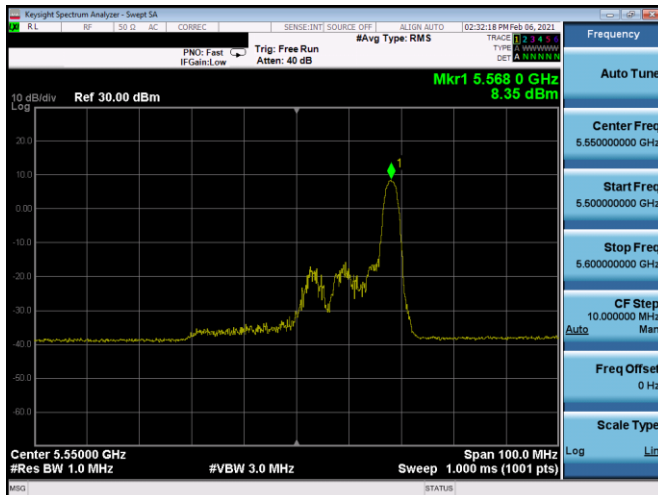


Plot 7-120. PSD Antenna 5b (80MHz BW 11ax - RU996 - Ch.58)

FCC ID: BCGA2379 IC: 579C-A2379	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-16-R1.BCG	Test Dates: 12/12/2020 - 03/2/2021	EUT Type: Tablet Device	Page 78 of 249



FCC ID: BCGA2379 IC: 579C-A2379	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-16-R1.BCG	Test Dates: 12/12/2020 - 03/2/2021	EUT Type: Tablet Device	Page 79 of 249



FCC ID: BCGA2379 IC: 579C-A2379	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-16-R1.BCG	Test Dates: 12/12/2020 - 03/2/2021	EUT Type: Tablet Device	Page 80 of 249

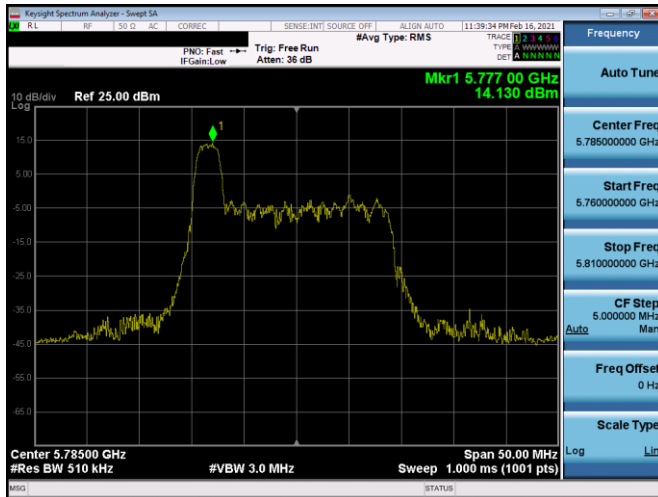
	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	ax (20MHz)	26	0	135/143.4 (MCS11)	15.23	30.00	-14.77
				26	4	135/143.4 (MCS11)	15.25	30.00	-14.75
				26	8	135/143.4 (MCS11)	15.20	30.00	-14.80
	5785	157	ax (20MHz)	26	0	135/143.4 (MCS11)	14.13	30.00	-15.87
				26	4	135/143.4 (MCS11)	14.84	30.00	-15.16
				26	8	135/143.4 (MCS11)	14.43	30.00	-15.57
	5825	165	ax (20MHz)	26	0	135/143.4 (MCS11)	14.45	30.00	-15.55
				26	4	135/143.4 (MCS11)	14.66	30.00	-15.34
				26	8	135/143.4 (MCS11)	14.30	30.00	-15.70
	5755	151	ax (40MHz)	26	0	271/286.8 (MCS11)	14.58	30.00	-15.42
				26	8	271/286.8 (MCS11)	15.22	30.00	-14.78
				26	17	271/286.8 (MCS11)	14.55	30.00	-15.45
	5795	159	ax (40MHz)	26	0	271/286.8 (MCS11)	14.13	30.00	-15.87
				26	8	271/286.8 (MCS11)	14.98	30.00	-15.02
				26	17	271/286.8 (MCS11)	14.01	30.00	-15.99
	5775	155	ax (80MHz)	26	0	567/600.5 (MCS11)	11.72	30.00	-18.28
				26	18	567/600.5 (MCS11)	11.57	30.00	-18.43
				26	36	567/600.5 (MCS11)	11.83	30.00	-18.17

Table 7-66. Band 3 Power Spectral Density Measurements Antenna 5b (RU26)

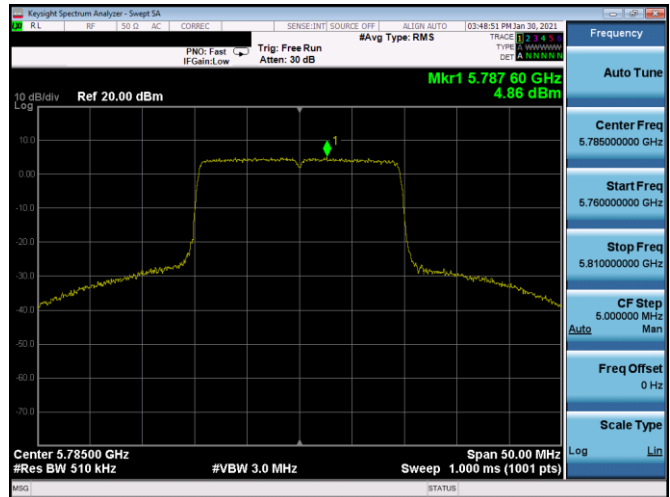
	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	ax (20MHz)	242	61	135/143.4 (MCS11)	5.05	30.00	-24.95
	5785	157	ax (20MHz)	242	61	135/143.4 (MCS11)	4.86	30.00	-25.14
	5825	165	ax (20MHz)	242	61	135/143.4 (MCS11)	4.78	30.00	-25.22
	5755	151	ax (40MHz)	484	65	271/286.8 (MCS11)	2.15	30.00	-27.85
	5795	159	ax (40MHz)	484	65	271/286.8 (MCS11)	2.13	30.00	-27.87
	5775	155	ax (80MHz)	996	67	567/600.5 (MCS11)	-2.37	30.00	-32.37

Table 7-67. Band 3 Power Spectral Density Measurements Antenna 5b (Fully-loaded RU)

FCC ID: BCGA2379 IC: 579C-A2379	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2101020005-16-R1.BCG	Test Dates: 12/12/2020 - 03/2/2021	EUT Type: Tablet Device	Page 81 of 249



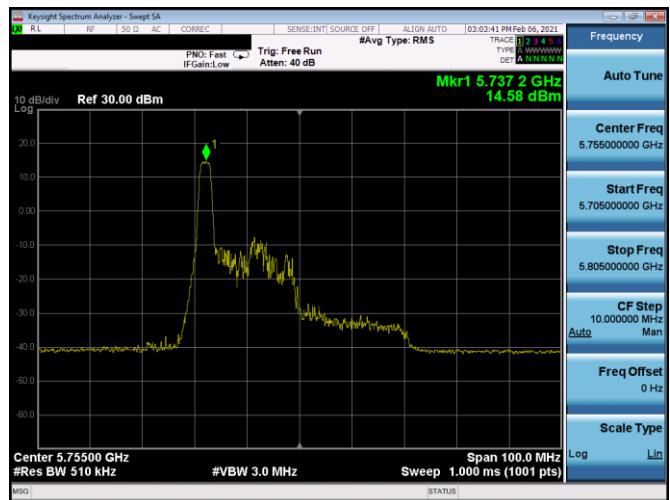
Plot 7-133. PSD Antenna 5b (20MHz BW 11ax Index 0 - RU26 - Ch.157)



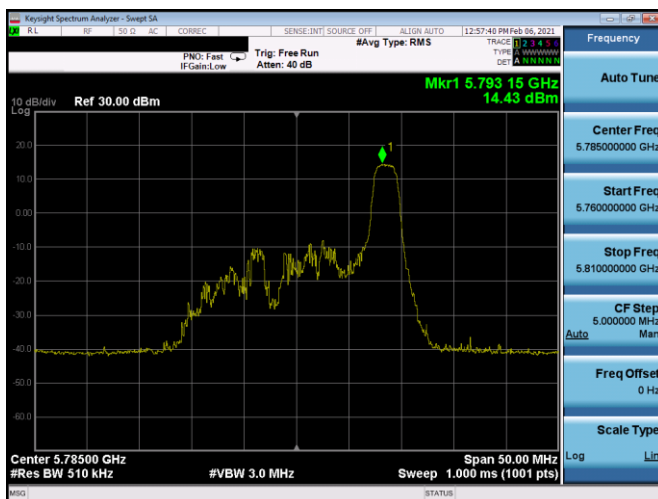
Plot 7-136. PSD Antenna 5b (20MHz BW 11ax- RU242 - Ch.157)



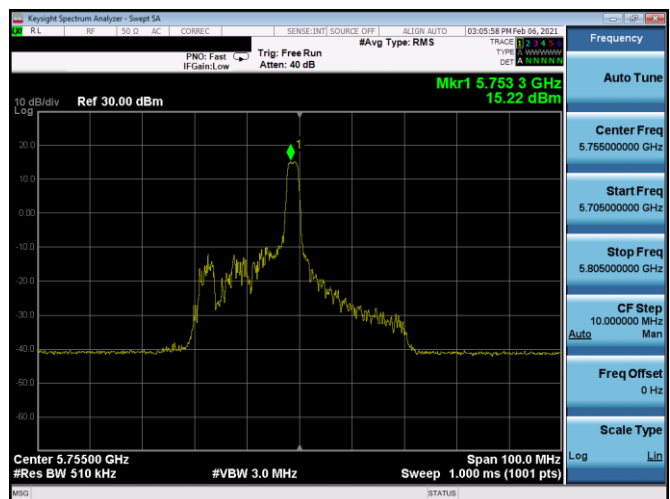
Plot 7-134. PSD Antenna 5b (20MHz BW 11ax Index 4 - RU26 - Ch.157)



Plot 7-137. PSD Antenna 5b (40MHz BW 11ax Index 0 - RU26 - Ch.151)

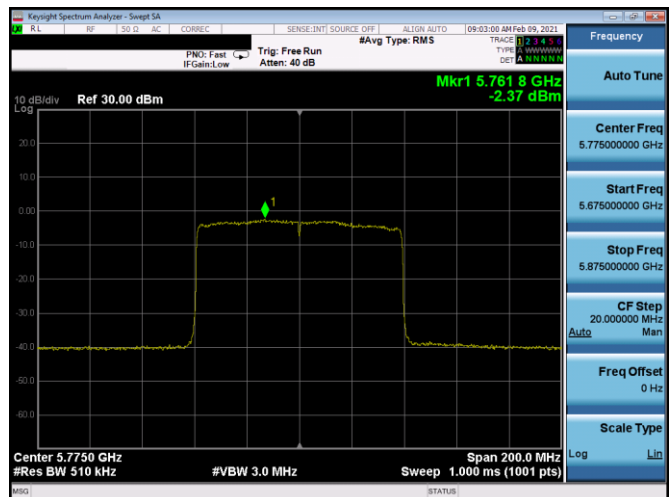
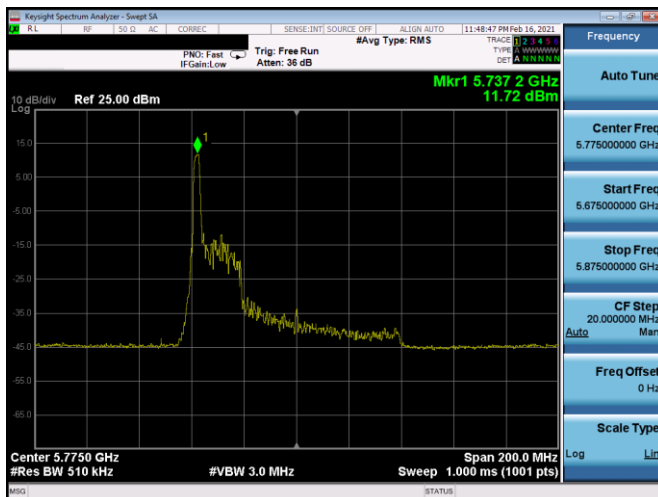
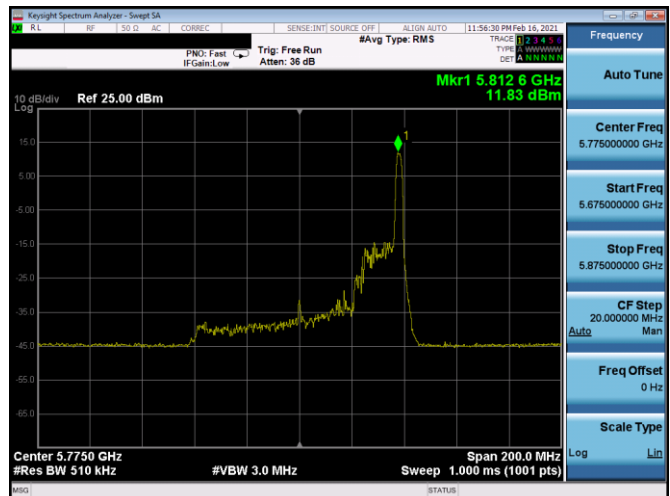
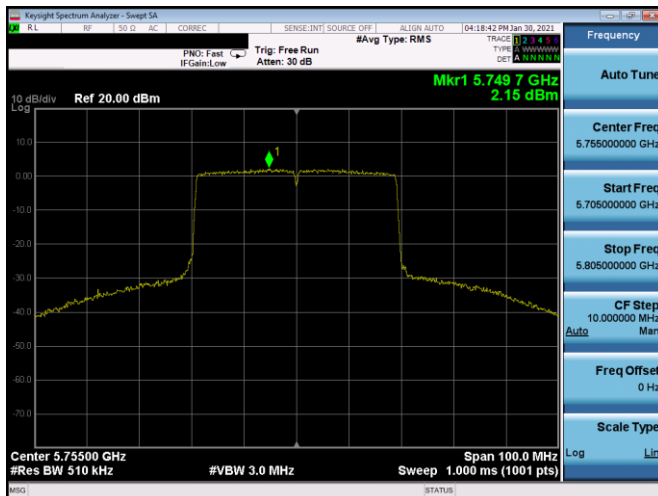
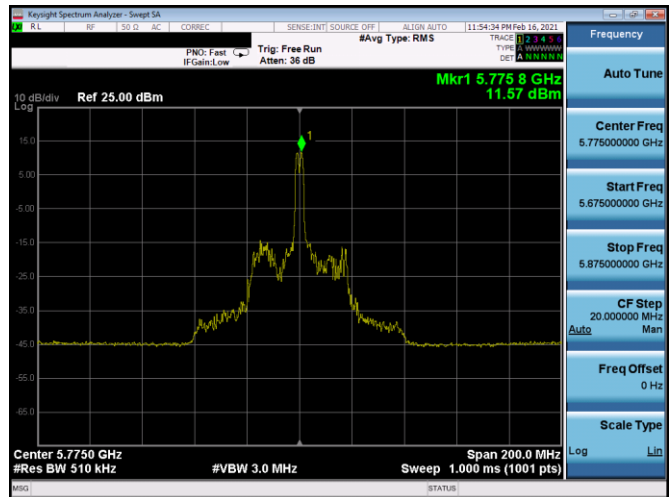
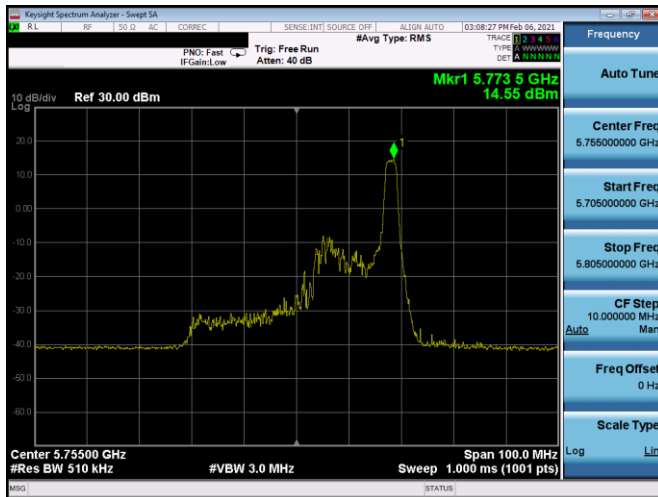


Plot 7-135. PSD Antenna 5b (20MHz BW 11ax Index 8 - RU26 - Ch.157)



Plot 7-138. PSD Antenna 5b (40MHz BW 11ax Index 8 - RU26 - Ch.151)

FCC ID: BCGA2379 IC: 579C-A2379	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-16-R1.BCG	Test Dates: 12/12/2020 - 03/2/2021	EUT Type: Tablet Device	Page 82 of 249



FCC ID: BCGA2379 IC: 579C-A2379	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-16-R1.BCG	Test Dates: 12/12/2020 - 03/2/2021	EUT Type: Tablet Device	Page 83 of 249

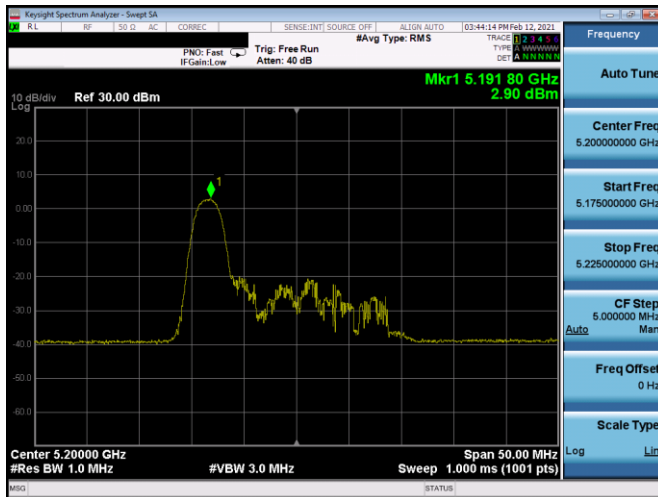
	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	ax (20MHz)	26	0	135/143.4 (MCS11)	2.92	4.70	7.62	10.0	-2.38
				26	4	135/143.4 (MCS11)	2.32	4.70	7.02	10.0	-2.98
				26	8	135/143.4 (MCS11)	2.76	4.70	7.46	10.0	-2.54
	5200	40	ax (20MHz)	26	0	135/143.4 (MCS11)	2.90	4.70	7.60	10.0	-2.40
				26	4	135/143.4 (MCS11)	2.34	4.70	7.04	10.0	-2.96
				26	8	135/143.4 (MCS11)	2.85	4.70	7.55	10.0	-2.45
	5240	48	ax (20MHz)	26	0	135/143.4 (MCS11)	3.00	4.70	7.70	10.0	-2.30
				26	4	135/143.4 (MCS11)	2.67	4.70	7.37	10.0	-2.63
				26	8	135/143.4 (MCS11)	2.93	4.70	7.63	10.0	-2.37
	5190	38	ax (40MHz)	26	0	271/286.8 (MCS11)	2.85	4.70	7.55	10.0	-2.45
				26	8	271/286.8 (MCS11)	3.35	4.70	8.05	10.0	-1.95
				26	17	271/286.8 (MCS11)	2.69	4.70	7.39	10.0	-2.61
	5230	46	ax (40MHz)	26	0	271/286.8 (MCS11)	2.43	4.70	7.13	10.0	-2.87
				26	8	271/286.8 (MCS11)	3.18	4.70	7.88	10.0	-2.12
				26	17	271/286.8 (MCS11)	2.88	4.70	7.58	10.0	-2.42
	5210	42	ax (80MHz)	26	0	567/600.5 (MCS11)	2.35	4.70	7.05	10.0	-2.95
				26	18	567/600.5 (MCS11)	1.76	4.70	6.46	10.0	-3.54
				26	36	567/600.5 (MCS11)	2.77	4.70	7.47	10.0	-2.53

Table 7-68. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 5b (RU26)

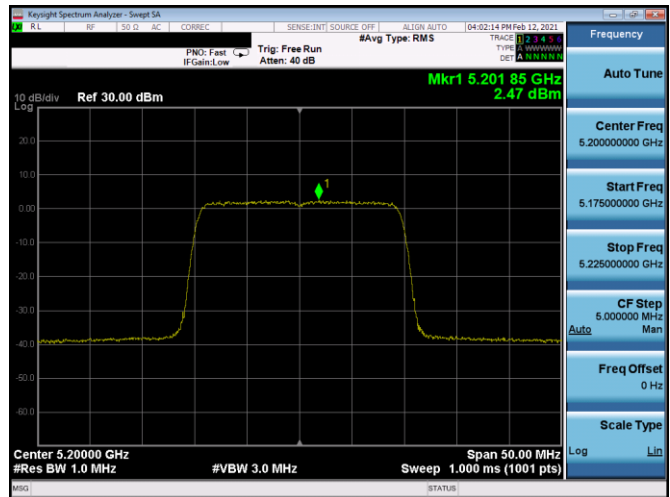
	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	ax (20MHz)	242	61	135/143.4 (MCS11)	2.72	4.70	7.42	10.0	-2.58
	5200	40	ax (20MHz)	242	61	135/143.4 (MCS11)	2.47	4.70	7.17	10.0	-2.83
	5240	48	ax (20MHz)	242	61	135/143.4 (MCS11)	2.73	4.70	7.43	10.0	-2.57
	5190	38	ax (40MHz)	484	65	271/286.8 (MCS11)	-3.52	4.70	1.18	10.0	-8.82
	5230	46	ax (40MHz)	484	65	271/286.8 (MCS11)	-0.34	4.70	4.36	10.0	-5.64
	5210	42	ax (80MHz)	996	67	567/600.5 (MCS11)	-6.55	4.70	-1.85	10.0	-11.85

Table 7-69. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 5b (Fully-loaded RU)

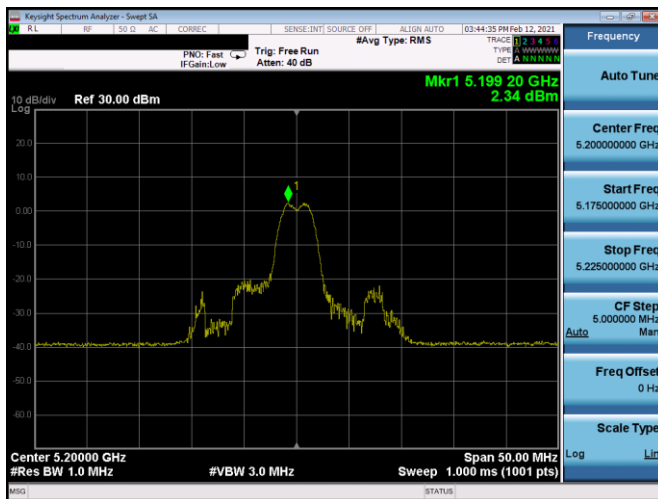
FCC ID: BCGA2379 IC: 579C-A2379	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-16-R1.BCG	Test Dates: 12/12/2020 - 03/2/2021	EUT Type: Tablet Device	Page 84 of 249



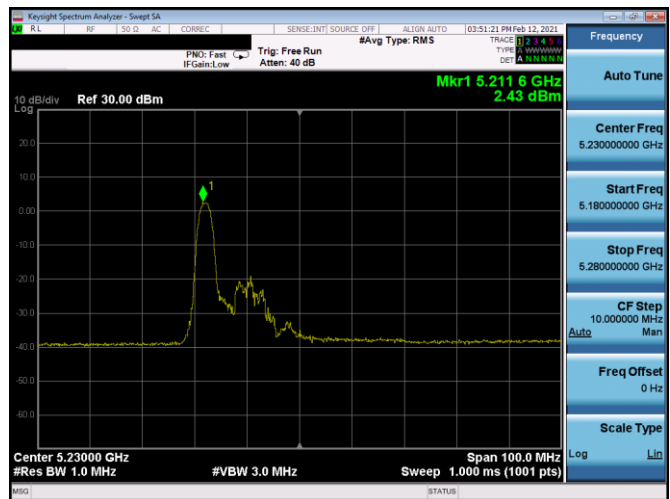
Plot 7-145. ISED PSD Antenna 5b (20MHz BW 11ax Index 0 – RU26 – Ch.40)



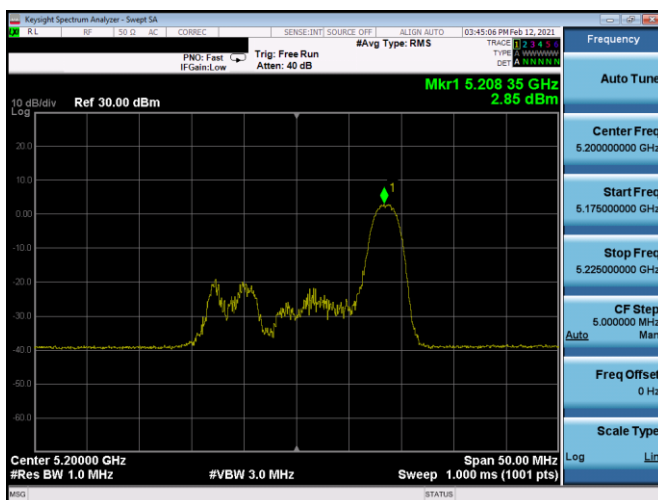
Plot 7-148. ISED PSD Antenna 5b (20MHz BW 11ax– RU242 – Ch.40)



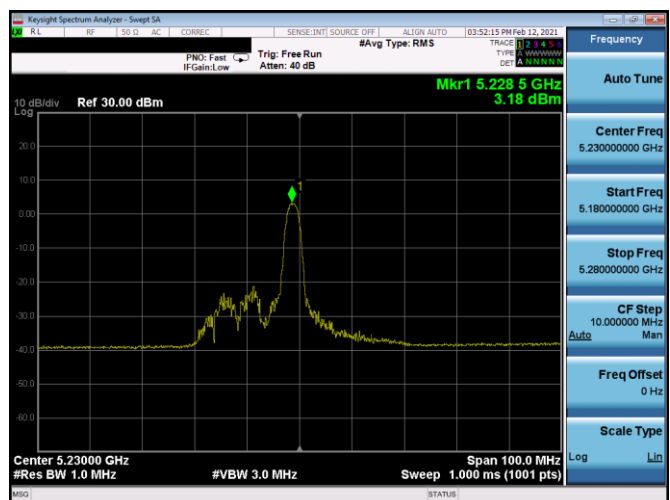
Plot 7-146. ISED PSD Antenna 5b (20MHz BW 11ax Index 4 – RU26 – Ch.40)



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

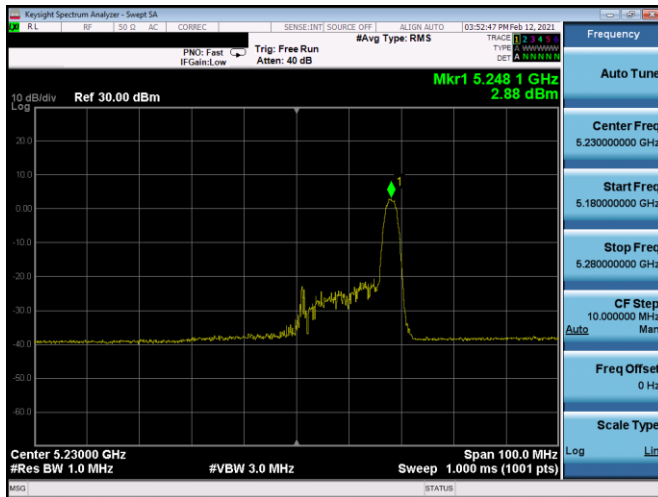


Plot 7-147. ISED PSD Antenna 5b (20MHz BW 11ax Index 8– RU26 – Ch.40)

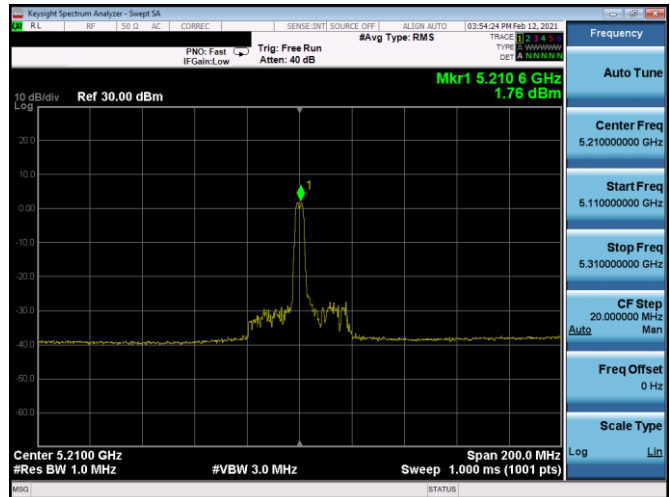


Plot 7-150. ISED PSD Antenna 5b (40MHz BW 11ax Index 8 – RU26 – Ch.46)

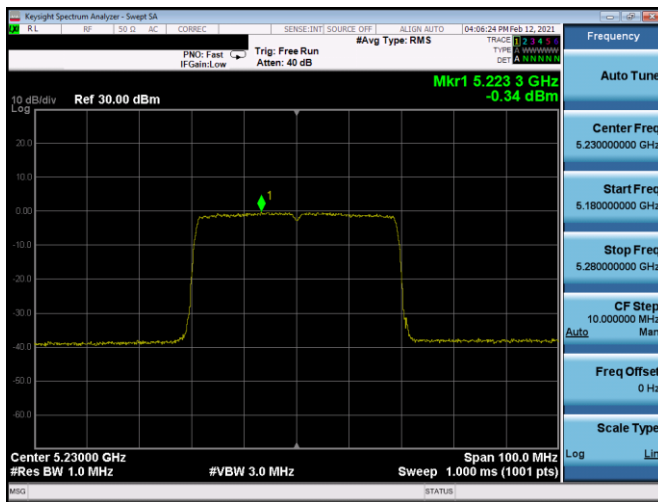
FCC ID: BCGA2379 IC: 579C-A2379	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-16-R1.BCG	Test Dates: 12/12/2020 - 03/2/2021	EUT Type: Tablet Device	Page 85 of 249



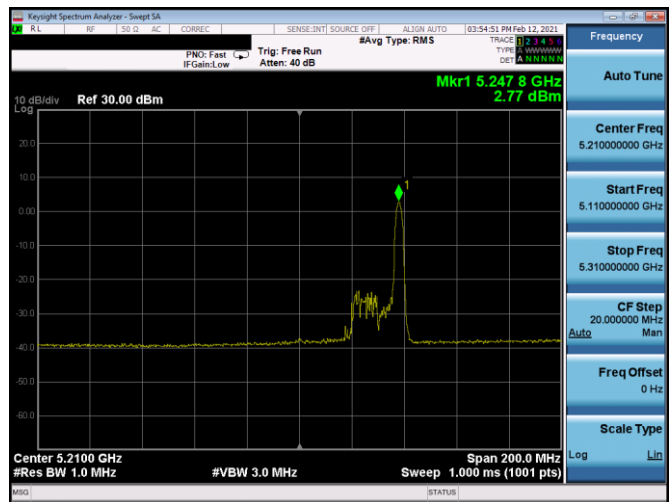
Plot 7-151. ISED PSD Antenna 5b (40MHz BW 11ax Index 17 – RU26 – Ch.46)



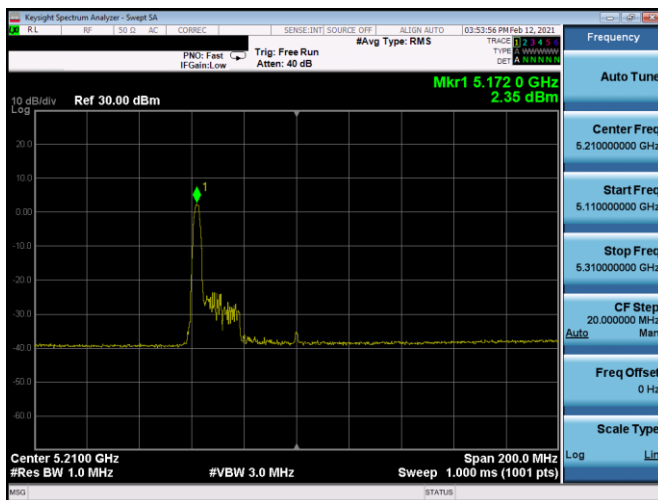
Plot 7-154. ISED PSD Antenna 5b (80MHz BW 11ax Index 18 – RU26 – Ch.42)



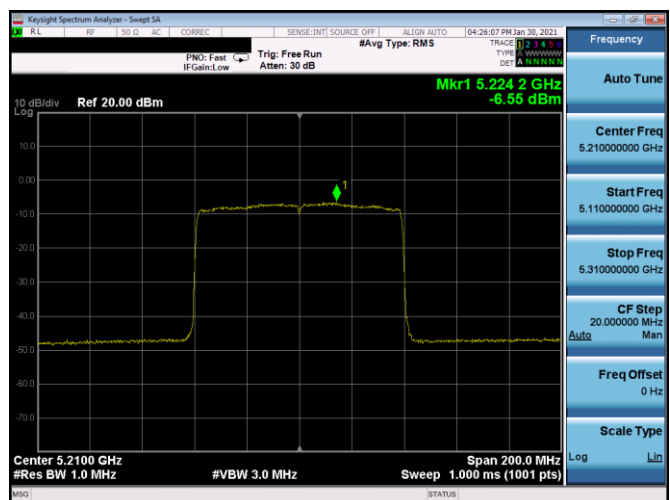
Plot 7-152. ISED PSD Antenna 5b (40MHz BW 11ax – RU484 – Ch.46)



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



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



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

FCC ID: BCGA2379 IC: 579C-A2379	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-16-R1.BCG	Test Dates: 12/12/2020 - 03/2/2021	EUT Type: Tablet Device	Page 86 of 249

Antenna 4b Power Spectral Density Measurements

	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	ax (20MHz)	26	0	135/143.4 (MCS11)	8.23	11.0	-2.77
				26	4	135/143.4 (MCS11)	7.69	11.0	-3.31
				26	8	135/143.4 (MCS11)	8.11	11.0	-2.89
	5200	40	ax (20MHz)	26	0	135/143.4 (MCS11)	8.22	11.0	-2.78
				26	4	135/143.4 (MCS11)	8.37	11.0	-2.63
				26	8	135/143.4 (MCS11)	8.37	11.0	-2.63
	5240	48	ax (20MHz)	26	0	135/143.4 (MCS11)	7.80	11.0	-3.20
				26	4	135/143.4 (MCS11)	7.51	11.0	-3.49
				26	8	135/143.4 (MCS11)	7.92	11.0	-3.08
	5190	38	ax (40MHz)	26	0	271/286.8 (MCS11)	8.00	11.0	-3.00
				26	8	271/286.8 (MCS11)	8.69	11.0	-2.31
				26	17	271/286.8 (MCS11)	8.13	11.0	-2.87
	5230	46	ax (40MHz)	26	0	271/286.8 (MCS11)	7.89	11.0	-3.11
				26	8	271/286.8 (MCS11)	8.79	11.0	-2.21
				26	17	271/286.8 (MCS11)	8.16	11.0	-2.84
	5210	42	ax (80MHz)	26	0	567/600.5 (MCS11)	8.04	11.0	-2.96
				26	18	567/600.5 (MCS11)	7.49	11.0	-3.51
				26	36	567/600.5 (MCS11)	7.61	11.0	-3.39
Band 2A	5260	52	ax (20MHz)	26	0	135/143.4 (MCS11)	7.97	11.0	-3.03
				26	4	135/143.4 (MCS11)	7.76	11.0	-3.24
				26	8	135/143.4 (MCS11)	7.80	11.0	-3.20
	5280	56	ax (20MHz)	26	0	135/143.4 (MCS11)	7.83	11.0	-3.17
				26	4	135/143.4 (MCS11)	7.48	11.0	-3.52
				26	8	135/143.4 (MCS11)	8.10	11.0	-2.90
	5320	64	ax (20MHz)	26	0	135/143.4 (MCS11)	7.79	11.0	-3.21
				26	4	135/143.4 (MCS11)	7.44	11.0	-3.56
				26	8	135/143.4 (MCS11)	8.01	11.0	-2.99
	5270	54	ax (40MHz)	26	0	271/286.8 (MCS11)	7.67	11.0	-3.33
				26	8	271/286.8 (MCS11)	8.64	11.0	-2.36
				26	17	271/286.8 (MCS11)	8.09	11.0	-2.91
	5310	62	ax (40MHz)	26	0	271/286.8 (MCS11)	7.56	11.0	-3.44
				26	8	271/286.8 (MCS11)	8.76	11.0	-2.24
				26	17	271/286.8 (MCS11)	7.75	11.0	-3.25
	5290	58	ax (80MHz)	26	0	567/600.5 (MCS11)	7.57	11.0	-3.43
				26	18	567/600.5 (MCS11)	7.26	11.0	-3.74
				26	36	567/600.5 (MCS11)	7.77	11.0	-3.23
Band 2C	5500	100	ax (20MHz)	26	0	135/143.4 (MCS11)	7.67	11.0	-3.33
				26	4	135/143.4 (MCS11)	7.13	11.0	-3.87
				26	8	135/143.4 (MCS11)	7.46	11.0	-3.54
	5580	116	ax (20MHz)	26	0	135/143.4 (MCS11)	8.09	11.0	-2.91
				26	4	135/143.4 (MCS11)	7.52	11.0	-3.48
				26	8	135/143.4 (MCS11)	7.91	11.0	-3.09
	5720	144	ax (20MHz)	26	0	135/143.4 (MCS11)	8.31	11.0	-2.69
				26	4	135/143.4 (MCS11)	7.92	11.0	-3.08
				26	8	135/143.4 (MCS11)	8.84	11.0	-2.16
	5510	102	ax (40MHz)	26	0	271/286.8 (MCS11)	7.54	11.0	-3.46
				26	8	271/286.8 (MCS11)	8.33	11.0	-2.67
				26	17	271/286.8 (MCS11)	7.57	11.0	-3.43
	5550	110	ax (40MHz)	26	0	271/286.8 (MCS11)	7.53	11.0	-3.47
				26	8	271/286.8 (MCS11)	8.41	11.0	-2.59
				26	17	271/286.8 (MCS11)	7.84	11.0	-3.16
	5710	142	ax (40MHz)	26	0	271/286.8 (MCS11)	7.98	11.0	-3.02
				26	8	271/286.8 (MCS11)	9.12	11.0	-1.88
				26	17	271/286.8 (MCS11)	8.45	11.0	-2.55
	5530	106	ax (80MHz)	26	0	567/600.5 (MCS11)	7.45	11.0	-3.55
				26	18	567/600.5 (MCS11)	6.92	11.0	-4.08
				26	36	567/600.5 (MCS11)	7.30	11.0	-3.70
	*5610	122	ax (80MHz)	26	0	567/600.5 (MCS11)	7.49	11.0	-3.51
				26	18	567/600.5 (MCS11)	7.05	11.0	-3.95
				26	36	567/600.5 (MCS11)	7.69	11.0	-3.31
	5690	138	ax (80MHz)	26	0	567/600.5 (MCS11)	7.76	11.0	-3.24
				26	18	567/600.5 (MCS11)	7.41	11.0	-3.59
				26	36	567/600.5 (MCS11)	9.05	11.0	-1.95

Table 7-70. Bands 1, 2A, 2C Power Spectral Density Measurements Antenna 4b (RU26)

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

FCC ID: BCGA2379 IC: 579C-A2379	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-16-R1.BCG	Test Dates: 12/12/2020 - 03/2/2021	EUT Type: Tablet Device	Page 87 of 249

	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	ax (20MHz)	242	61	135/143.4 (MCS11)	1.53	11.0	-9.47
	5200	40	ax (20MHz)	242	61	135/143.4 (MCS11)	7.64	11.0	-3.36
	5240	48	ax (20MHz)	242	61	135/143.4 (MCS11)	7.83	11.0	-3.17
	5190	38	ax (40MHz)	484	65	271/286.8 (MCS11)	-1.23	11.0	-12.23
	5230	46	ax (40MHz)	484	65	271/286.8 (MCS11)	4.99	11.0	-6.01
	5210	42	ax (80MHz)	996	67	567/600.5 (MCS11)	-5.31	11.0	-16.31
Band 2A	5260	52	ax (20MHz)	242	61	135/143.4 (MCS11)	7.87	11.0	-3.13
	5280	56	ax (20MHz)	242	61	135/143.4 (MCS11)	7.62	11.0	-3.38
	5320	64	ax (20MHz)	242	61	135/143.4 (MCS11)	4.61	11.0	-6.39
	5270	54	ax (40MHz)	484	65	271/286.8 (MCS11)	5.01	11.0	-5.99
	5310	62	ax (40MHz)	484	65	271/286.8 (MCS11)	-0.67	11.0	-11.67
	5290	58	ax (80MHz)	996	67	567/600.5 (MCS11)	-3.14	11.0	-14.14
Band 2C	5500	100	ax (20MHz)	242	61	135/143.4 (MCS11)	2.77	11.0	-8.23
	5580	116	ax (20MHz)	242	61	135/143.4 (MCS11)	7.29	11.0	-3.71
	5720	144	ax (20MHz)	242	61	135/143.4 (MCS11)	7.88	11.0	-3.12
	5510	102	ax (40MHz)	484	65	271/286.8 (MCS11)	-2.15	11.0	-13.15
	5550	110	ax (40MHz)	484	65	271/286.8 (MCS11)	3.41	11.0	-7.59
	*5590	118	ax (40MHz)	484	65	271/286.8 (MCS11)	4.49	11.0	-6.51
	5710	142	ax (40MHz)	484	65	271/286.8 (MCS11)	5.07	11.0	-5.93
	5530	106	ax (80MHz)	996	67	567/600.5 (MCS11)	-5.19	11.0	-16.19
	*5610	122	ax (80MHz)	996	67	567/600.5 (MCS11)	-2.11	11.0	-13.11
	5690	138	ax (80MHz)	996	67	567/600.5 (MCS11)	2.31	11.0	-8.69

Table 7-71. Bands 1, 2A, 2C Power Spectral Density Measurements Antenna 4b (Fully-loaded RU)

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

FCC ID: BCGA2379 IC: 579C-A2379	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2101020005-16-R1.BCG	Test Dates: 12/12/2020 - 03/2/2021	EUT Type: Tablet Device	Page 88 of 249