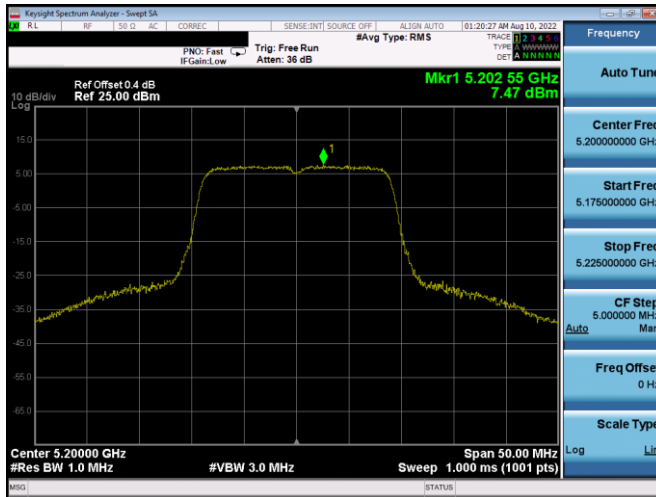


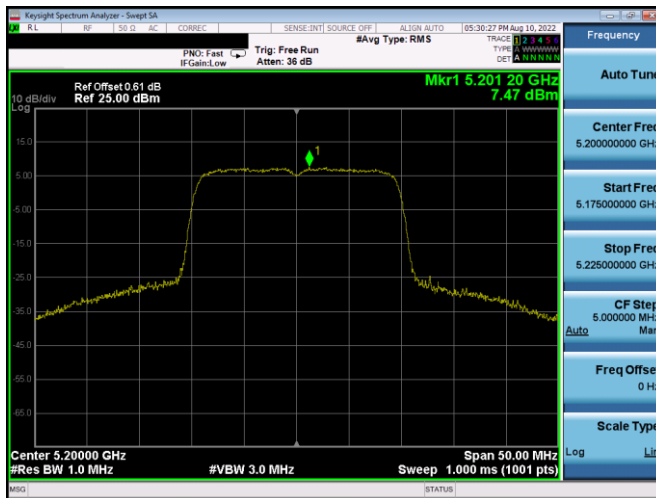
High Data Rate



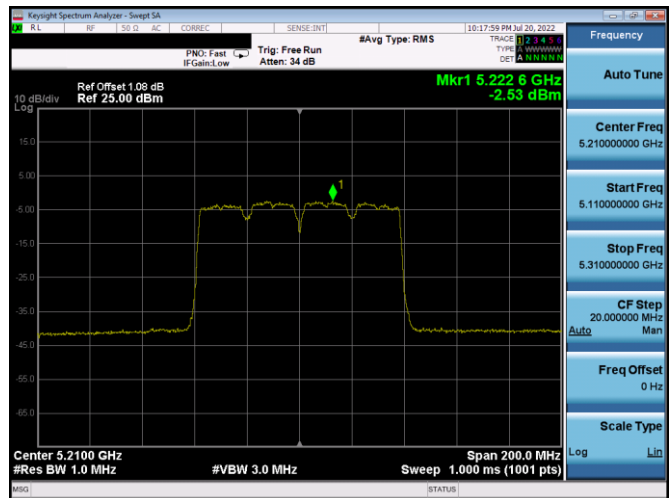
Plot 7-213. PSD Antenna 5b (20MHz BW 802.11n – Ch. 40, MCS7)



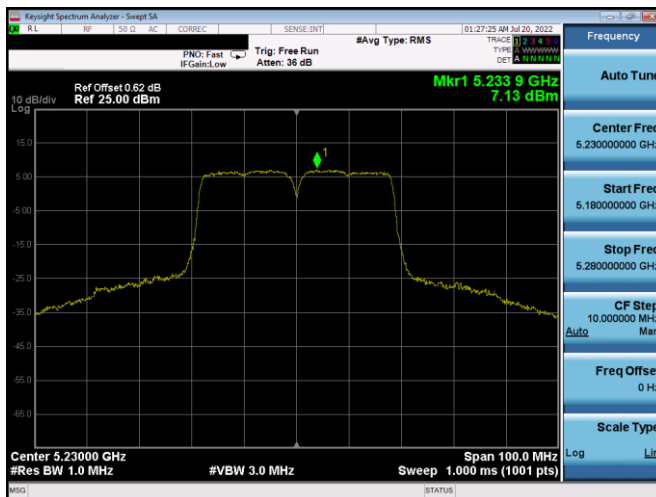
Plot 7-216. PSD Antenna 5b (40MHz BW 802.11ax(SU) – Ch. 46, MCS11)



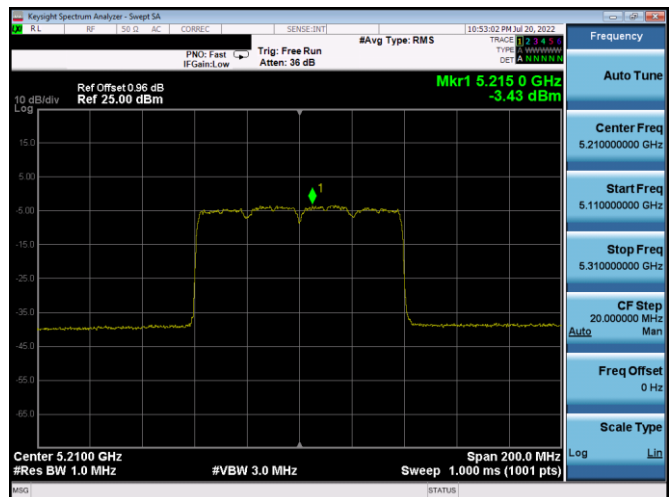
Plot 7-214. PSD Antenna 5b (20MHz BW 802.11ax(SU) – Ch. 40, MCS11)



Plot 7-217. PSD Antenna 5b (80MHz BW 802.11ac – Ch. 42, MCS9)



Plot 7-215. PSD Antenna 5b (40MHz BW 802.11n – Ch. 46, MCS7)

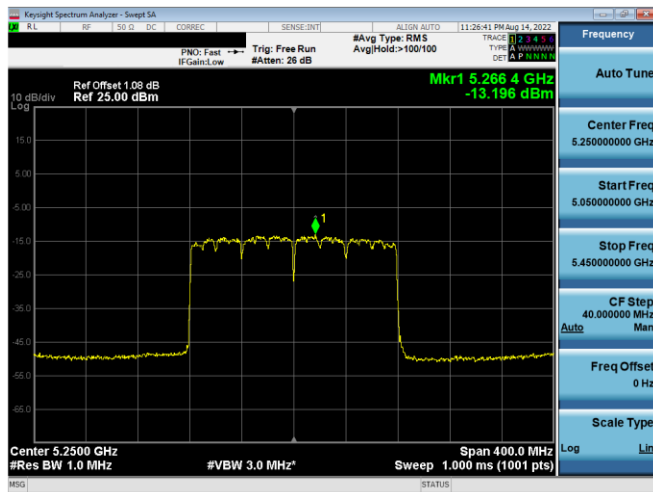


Plot 7-218. PSD Antenna 5b (80MHz BW 802.11ax(SU) – Ch. 42, MCS11)

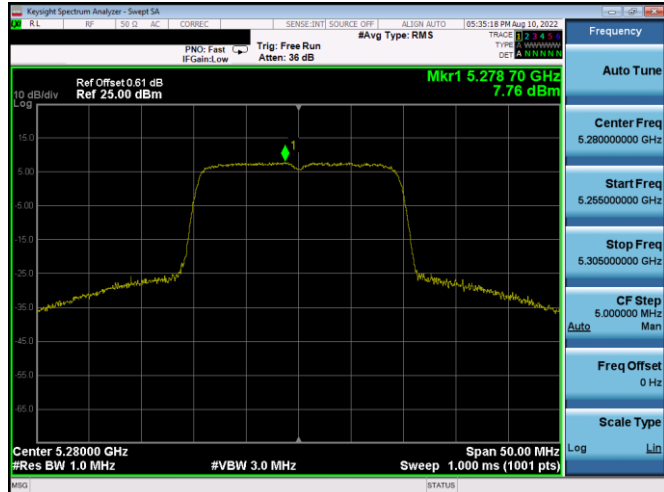
FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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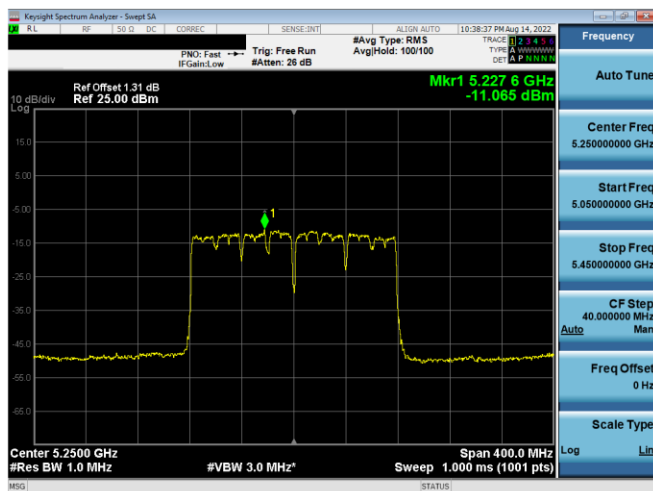
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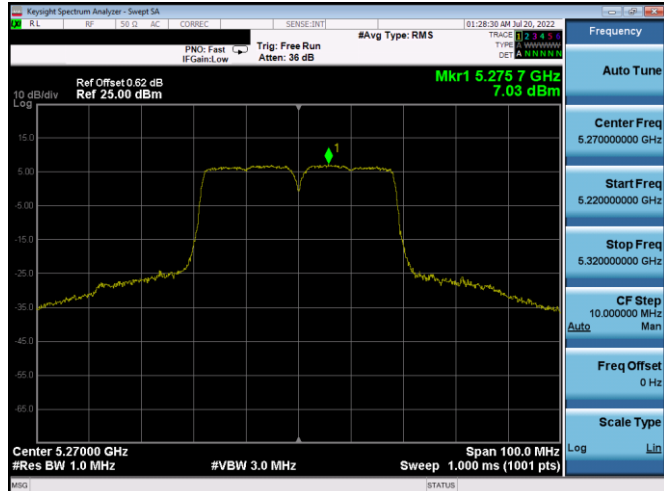
Plot 7-219. PSD Antenna 5b (160MHz BW 802.11ax(SU) – Ch. 50, MCS11)



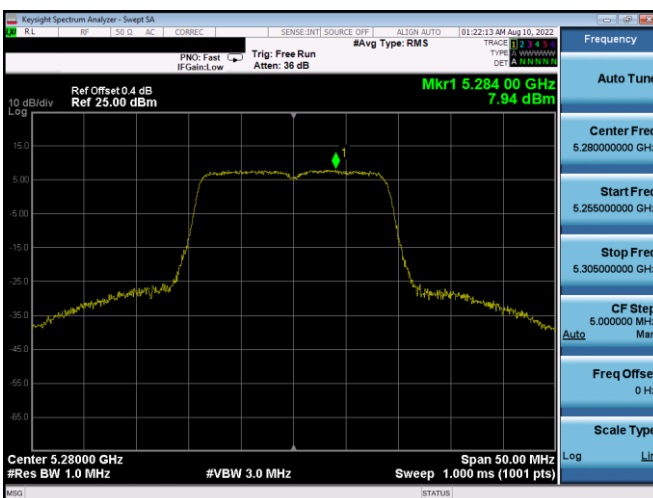
Plot 7-222. PSD Antenna 5b (20MHz BW 802.11ax(SU) – Ch. 56, MCS11)



Plot 7-220. PSD Antenna 5b (160MHz BW 802.11ac – Ch. 50, MCS9)



Plot 7-223. PSD Antenna 5b (40MHz BW 802.11n – Ch. 54, MCS7)

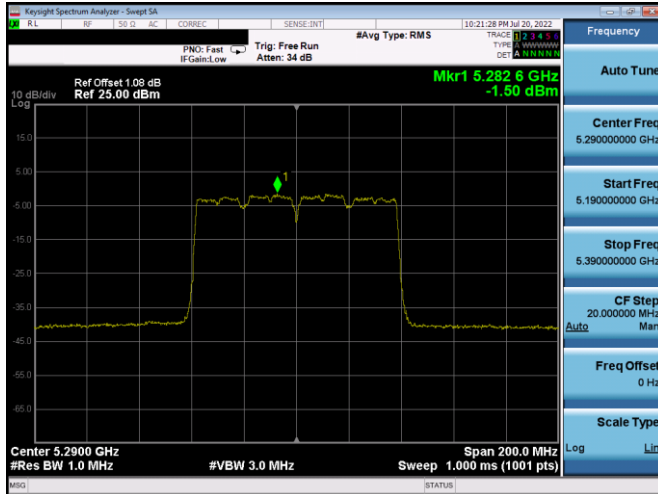


Plot 7-221. PSD Antenna 5b (20MHz BW 802.11n – Ch. 56, MCS7)

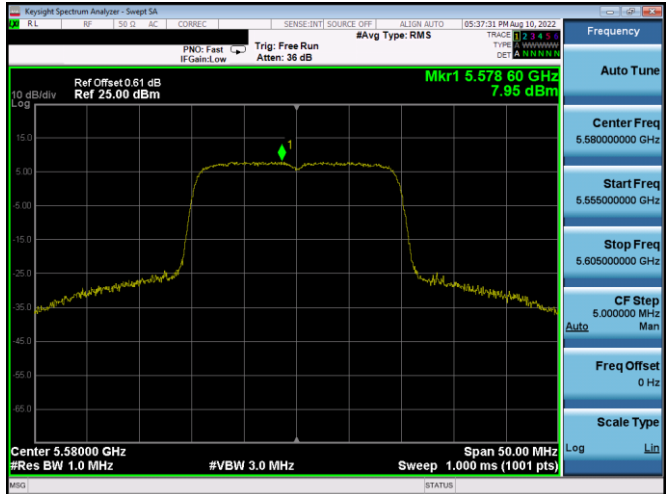


Plot 7-224. PSD Antenna 5b (40MHz BW 802.11ax(SU) – Ch. 54, MCS11)

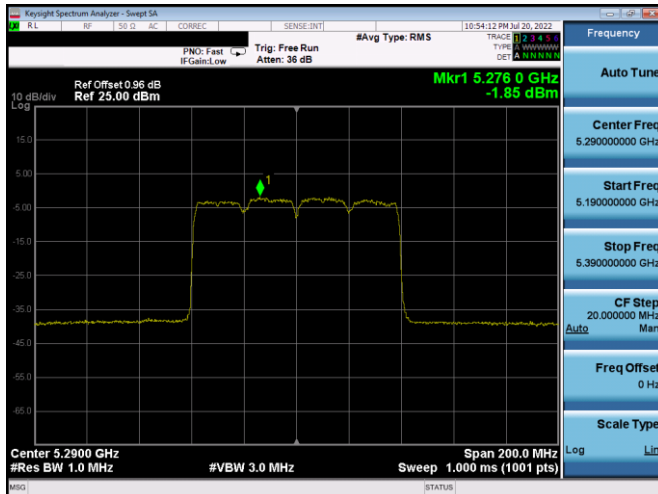
FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 110 of 390



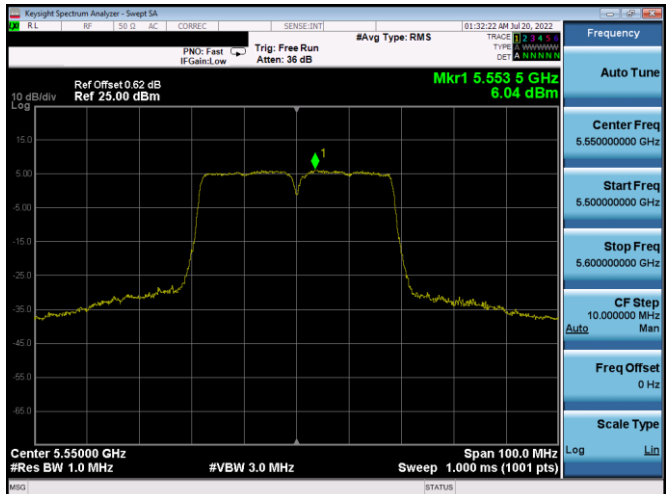
Plot 7-225. PSD Antenna 5b (80MHz BW 802.11ac – Ch. 58, MCS9)



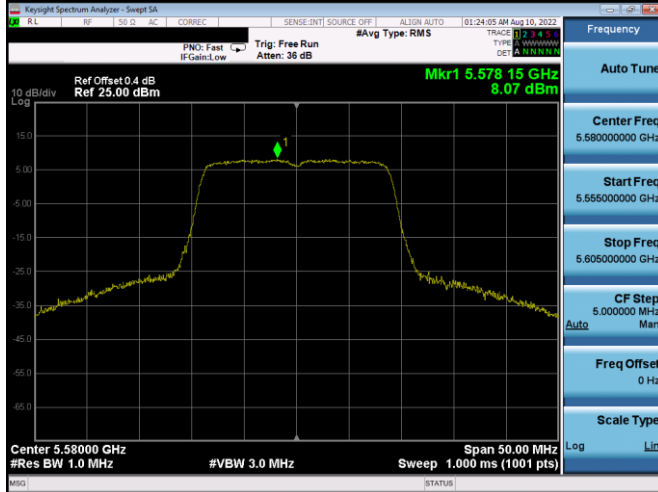
Plot 7-228. PSD Antenna 5b (20MHz BW 802.11ax(SU) – Ch. 116, MCS11)



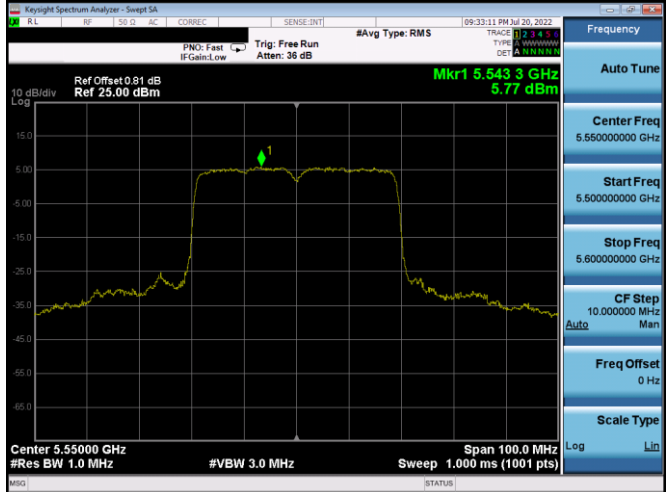
Plot 7-226. PSD Antenna 5b (80MHz BW 802.11ax(SU) – Ch. 58, MCS11)



Plot 7-229. PSD Antenna 5b (40MHz BW 802.11n – Ch. 110, MCS7)

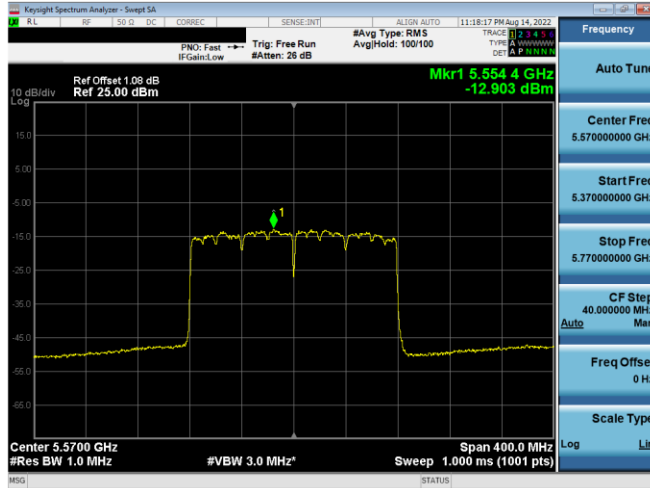


Plot 7-227. PSD Antenna 5b (20MHz BW 802.11n – Ch. 116, MCS7)

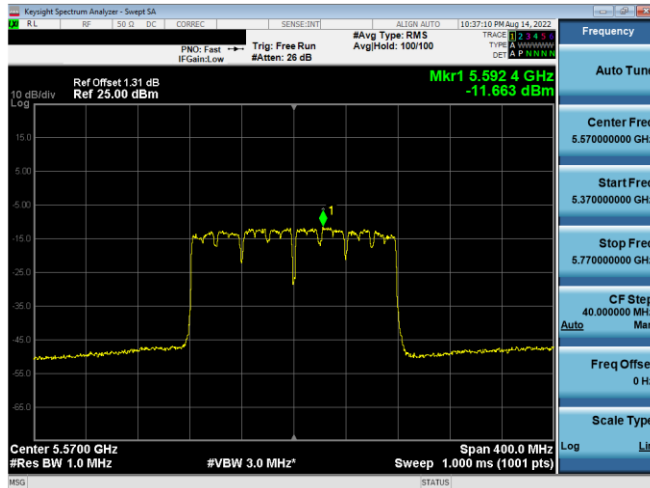


Plot 7-230. PSD Antenna 5b (40MHz BW 802.11ax(SU) – Ch. 110, MCS11)

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-231. PSD Antenna 5b (160MHz BW 802.11ax(SU) – Ch. 114, MCS0)



Plot 7-232. PSD Antenna 5b (160MHz BW 802.11ac – Ch. 114, MCS9)

FCC ID: BCGA2435 IC: 579C-A2435	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 112 of 390

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	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	19.5/21.7 (MCS2)	6.50	30.0	-23.50
	5785	157	n (20MHz)	19.5/21.7 (MCS2)	6.28	30.0	-23.72
	5825	165	n (20MHz)	19.5/21.7 (MCS2)	6.49	30.0	-23.51
	5745	149	ax (SU) (20MHz)	24/25.8 (MCS2)	6.91	30.0	-23.09
	5785	157	ax (SU) (20MHz)	24/25.8 (MCS2)	4.98	30.0	-25.02
	5825	165	ax (SU) (20MHz)	24/25.8 (MCS2)	6.89	30.0	-23.11
	5755	151	n (40MHz)	40.5/45 (MCS2)	4.95	30.0	-25.05
	5795	159	n (40MHz)	40.5/45 (MCS2)	4.64	30.0	-25.36
	5755	151	ax (SU) (40MHz)	49/51.6 (MCS2)	3.83	30.0	-26.18
	5795	159	ax (SU) (40MHz)	49/51.6 (MCS2)	3.87	30.0	-26.13
	5775	155	ac (80MHz)	87.8/97.5 (MCS2)	1.79	30.0	-28.21
	5775	155	ax (SU) (80MHz)	102/108.1 (MCS2)	-0.05	30.0	-30.05

Table 7-119. Band 3 Power Spectral Density Measurements Antenna 5b (Low Data Rate)

	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	39/43.3 (MCS4)	6.91	30.0	-23.09
	5785	157	n (20MHz)	39/43.3 (MCS4)	6.56	30.0	-23.45
	5825	165	n (20MHz)	39/43.3 (MCS4)	6.52	30.0	-23.48
	5745	149	ax (SU) (20MHz)	49/51.6 (MCS4)	7.03	30.0	-22.97
	5785	157	ax (SU) (20MHz)	49/51.6 (MCS4)	5.19	30.0	-24.81
	5825	165	ax (SU) (20MHz)	49/51.6 (MCS4)	7.02	30.0	-22.98
	5755	151	n (40MHz)	81/90 (MCS4)	5.31	30.0	-24.69
	5795	159	n (40MHz)	81/90 (MCS4)	4.98	30.0	-25.02
	5755	151	ax (SU) (40MHz)	98/103.2 (MCS4)	4.54	30.0	-25.46
	5795	159	ax (SU) (40MHz)	98/103.2 (MCS4)	3.95	30.0	-26.05
	5775	155	ac (80MHz)	175.5/195 (MCS4)	1.55	30.0	-28.45
	5775	155	ax (SU) (80MHz)	204/216.2 (MCS4)	-0.24	30.0	-30.24

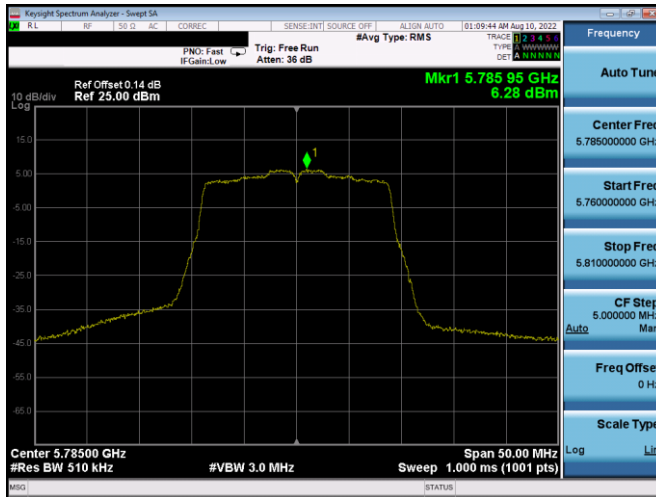
Table 7-120. Band 3 Power Spectral Density Measurements Antenna 5b (Mid Data Rate)

	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	65/72.2 (MCS7)	5.29	30.0	-24.71
	5785	157	n (20MHz)	65/72.2 (MCS7)	5.45	30.0	-24.55
	5825	165	n (20MHz)	65/72.2 (MCS7)	5.62	30.0	-24.38
	5745	149	ax (SU) (20MHz)	135/143.4 (MCS11)	7.27	30.0	-22.73
	5785	157	ax (SU) (20MHz)	135/143.4 (MCS11)	5.61	30.0	-24.39
	5825	165	ax (SU) (20MHz)	135/143.4 (MCS11)	7.56	30.0	-22.44
	5755	151	n (40MHz)	135/150 (MCS7)	4.17	30.0	-25.83
	5795	159	n (40MHz)	135/150 (MCS7)	3.97	30.0	-26.03
	5755	151	ax (SU) (40MHz)	271/286.8 (MCS11)	4.66	30.0	-25.34
	5795	159	ax (SU) (40MHz)	271/286.8 (MCS11)	4.57	30.0	-25.43
	5775	155	ac (80MHz)	390/433.3 (MCS9)	0.15	30.0	-29.85
	5775	155	ax (SU) (80MHz)	567/600.5 (MCS11)	-1.15	30.0	-31.15

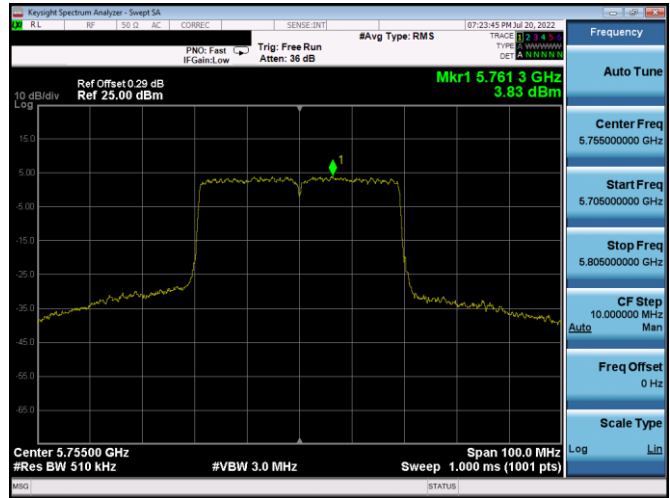
Table 7-121. Band 3 Power Spectral Density Measurements Antenna 5b (High Data Rate)

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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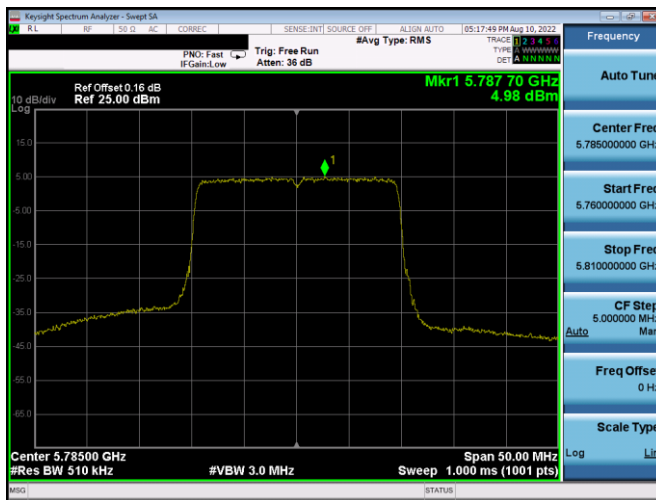
Low Data Rate



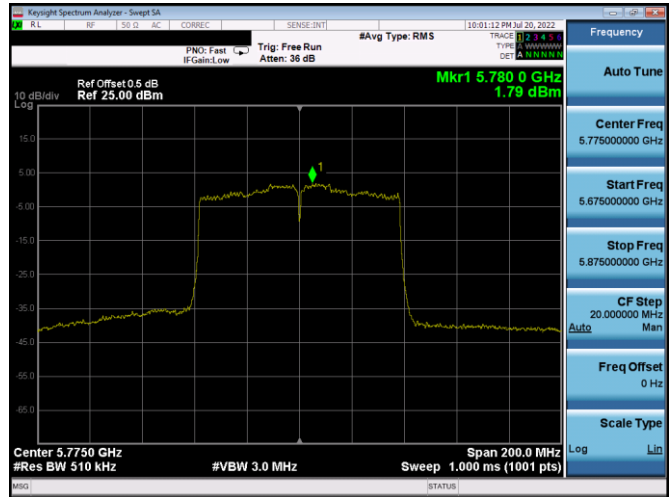
Plot 7-233. PSD Antenna 5b (20MHz BW 802.11n – Ch. 157, MCS2)



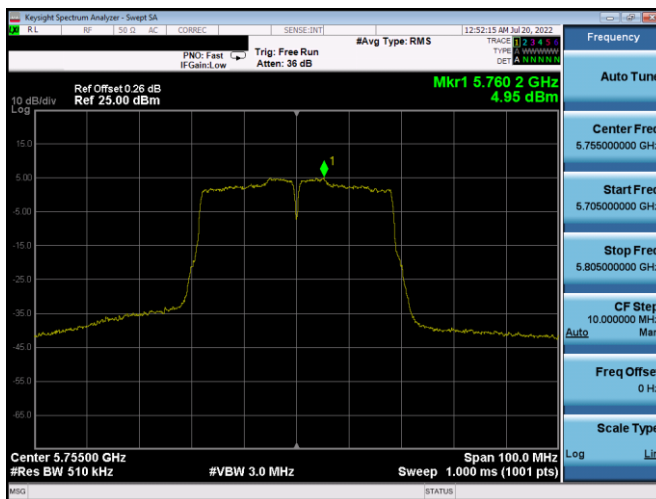
Plot 7-236. PSD Antenna 5b (40MHz BW 802.11ax(SU) – Ch. 151, MCS4)



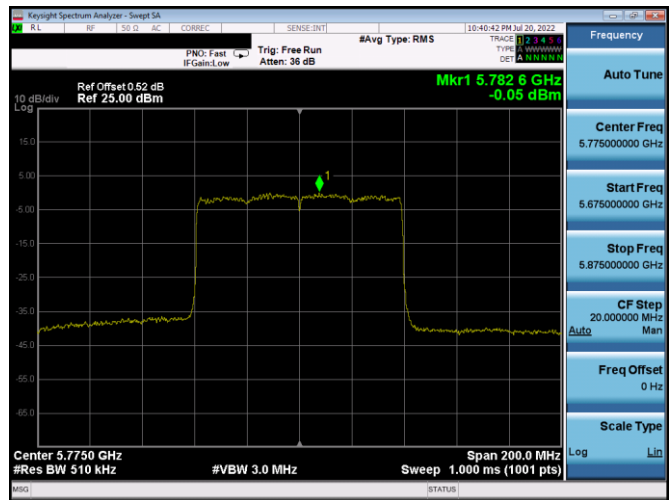
Plot 7-234. PSD Antenna 5b (20MHz BW 802.11ax(SU) – Ch. 157, MCS2)



Plot 7-237. PSD Antenna 5b (80MHz BW 802.11ac – Ch. 155, MCS9)



Plot 7-235. PSD Antenna 5b (40MHz BW 802.11n – Ch. 151, MCS4)



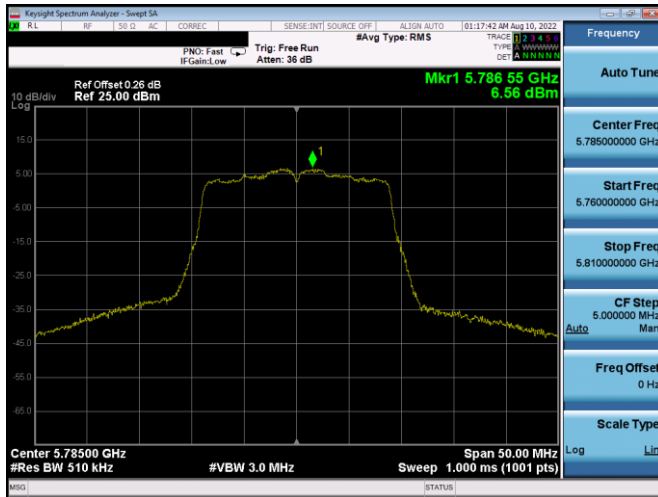
Plot 7-238. PSD Antenna 5b (80MHz BW 802.11ax(SU) – Ch. 155, MCS11)

FCC ID: BCGA2435 IC: 579C-A2435			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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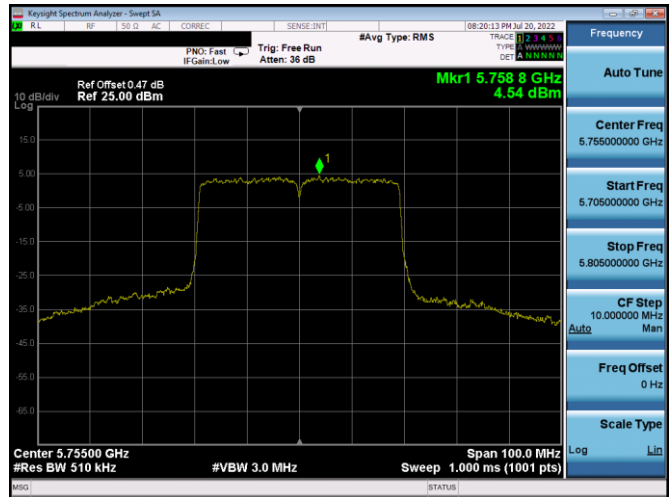
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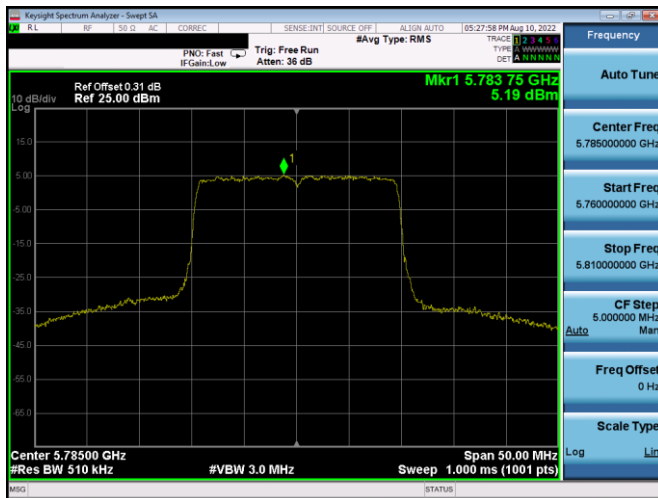
Mid Data Rate



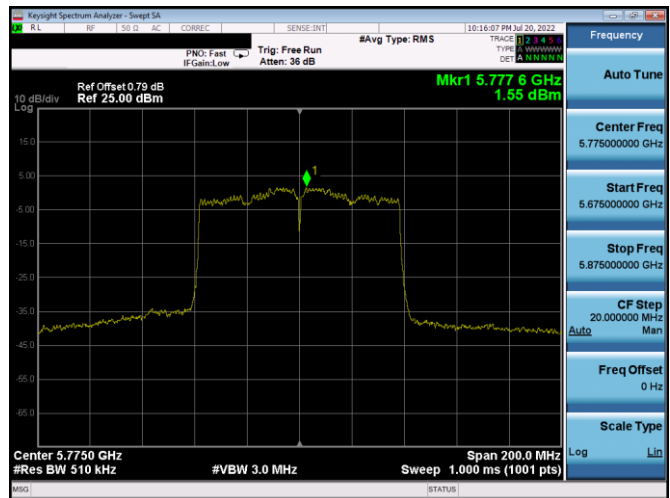
Plot 7-239. PSD Antenna 5b (20MHz BW 802.11n – Ch. 157, MCS4)



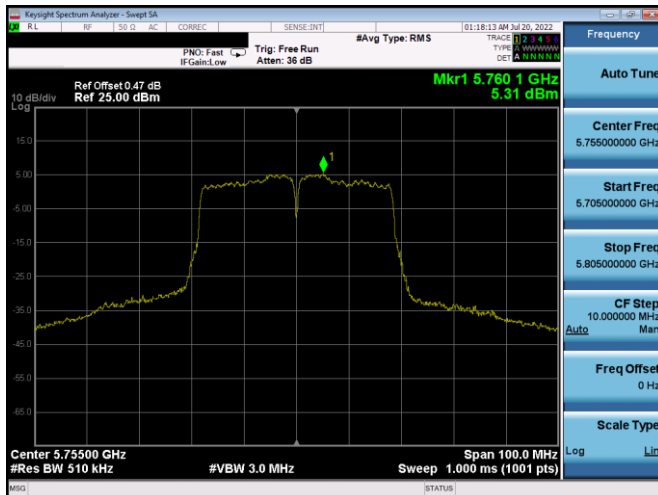
Plot 7-242. PSD Antenna 5b (40MHz BW 802.11ax(SU) – Ch. 151, MCS4)



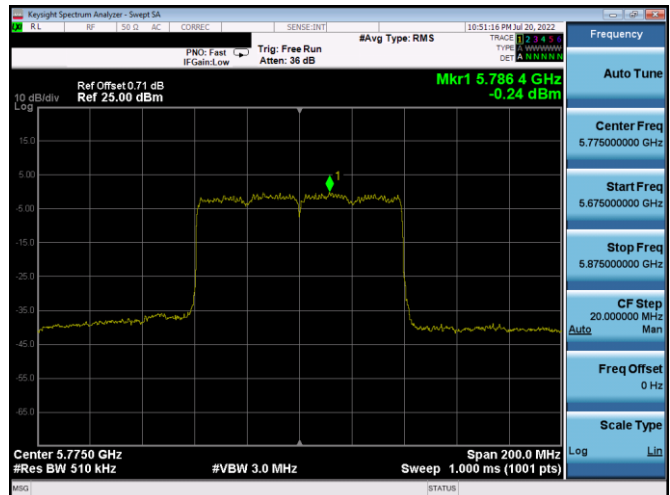
Plot 7-240. PSD Antenna 5b (20MHz BW 802.11ax(SU) – Ch. 157, MCS4)



Plot 7-243. PSD Antenna 5b (80MHz BW 802.11ac – Ch. 155, MCS4)



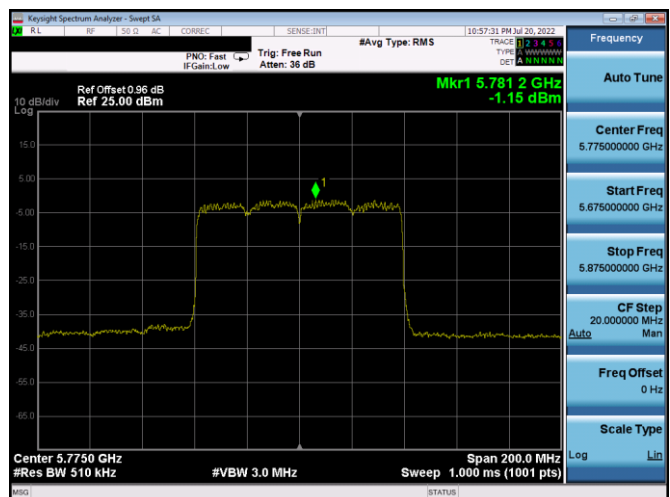
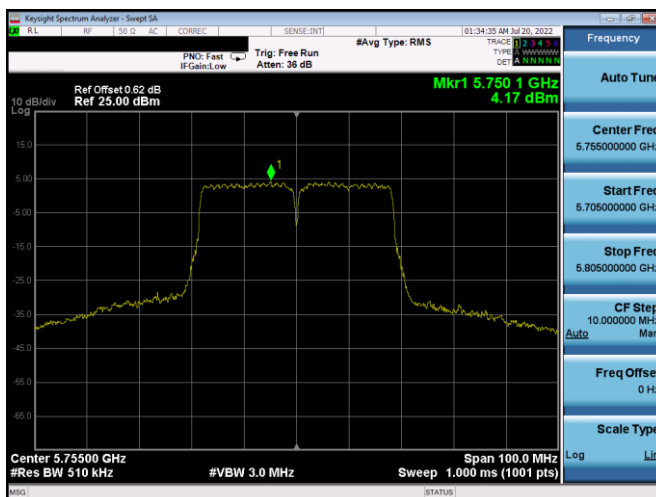
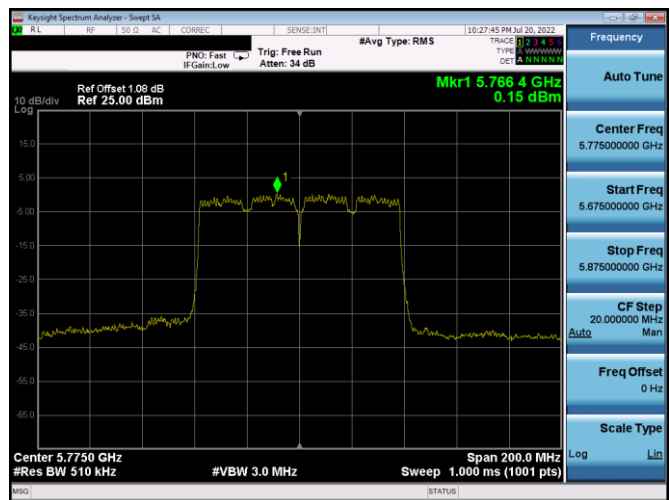
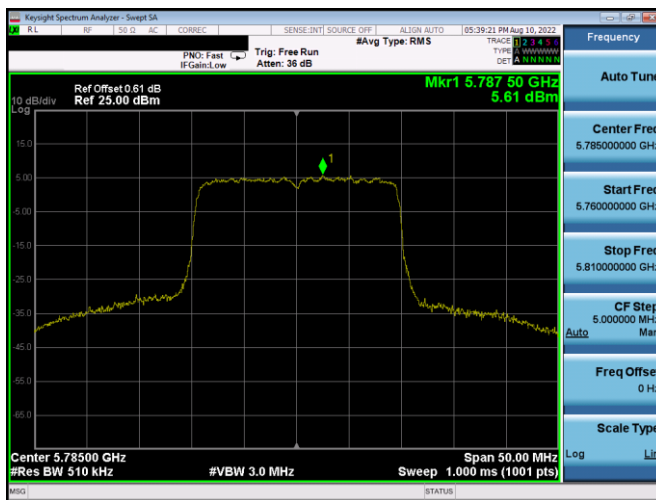
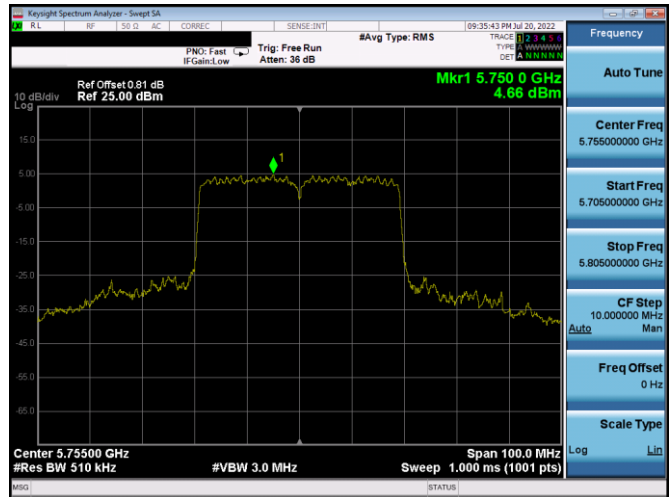
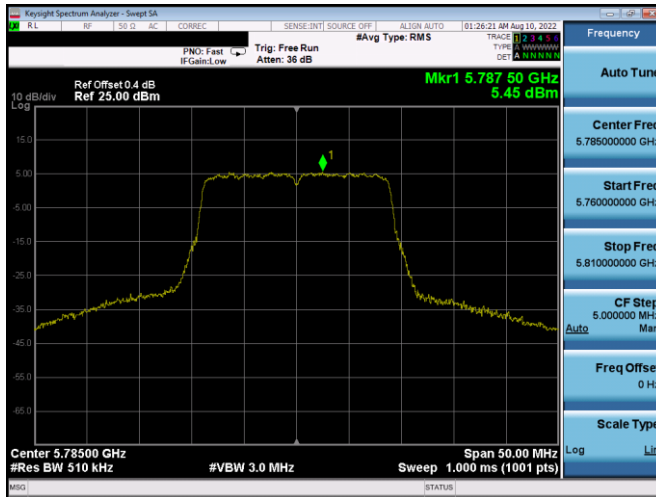
Plot 7-241. PSD Antenna 5b (40MHz BW 802.11n – Ch. 151, MCS4)



Plot 7-244. PSD Antenna 5b (80MHz BW 802.11ax(SU) – Ch. 155, MCS4)

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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High Data Rate



FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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	Frequency [MHz]	Channel No.	802.11 Mode	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	n (20MHz)	19.5/21.7 (MCS2)	4.08	3.70	7.78	10.0	-2.22
	5200	40	n (20MHz)	19.5/21.7 (MCS2)	4.23	3.70	7.93	10.0	-2.07
	5240	48	n (20MHz)	19.5/21.7 (MCS2)	4.40	3.70	8.10	10.0	-1.91
	5180	36	ax (SU) (20MHz)	24/25.8 (MCS2)	2.88	3.70	6.58	10.0	-3.42
	5200	40	ax (SU) (20MHz)	24/25.8 (MCS2)	3.08	3.70	6.78	10.0	-3.22
	5240	48	ax (SU) (20MHz)	24/25.8 (MCS2)	3.33	3.70	7.03	10.0	-2.97
	5190	38	n (40MHz)	40.5/45 (MCS2)	0.43	3.70	4.13	10.0	-5.87
	5230	46	n (40MHz)	40.5/45 (MCS2)	4.16	3.70	7.86	10.0	-2.15
	5190	38	ax (SU) (40MHz)	49/51.6 (MCS2)	-1.08	3.70	2.62	10.0	-7.38
	5230	46	ax (SU) (40MHz)	49/51.6 (MCS2)	3.34	3.70	7.04	10.0	-2.96
	5210	42	ac (80MHz)	87.8/97.5 (MCS2)	-3.33	3.70	0.37	10.0	-9.63
	5210	42	ax (SU) (80MHz)	102/108.1 (MCS2)	-4.54	3.70	-0.84	10.0	-10.84
	5210	50	ac (160MHz)	175.5/195 (MCS2)	-9.68	3.70	-5.98	10.0	-15.98
	5210	50	ax (SU) (160MHz)	204.2/216.2 (MCS2)	-11.64	3.70	-7.94	10.0	-17.94

Table 7-122. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 5b (Low Data Rate)

	Frequency [MHz]	Channel No.	802.11 Mode	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	n (20MHz)	39/43.3 (MCS4)	4.45	3.70	8.15	10.0	-1.85
	5200	40	n (20MHz)	39/43.3 (MCS4)	4.41	3.70	8.11	10.0	-1.89
	5240	48	n (20MHz)	39/43.3 (MCS4)	4.49	3.70	8.19	10.0	-1.81
	5180	36	ax (SU) (20MHz)	49/51.6 (MCS4)	3.10	3.70	6.80	10.0	-3.20
	5200	40	ax (SU) (20MHz)	49/51.6 (MCS4)	3.33	3.70	7.03	10.0	-2.97
	5240	48	ax (SU) (20MHz)	49/51.6 (MCS4)	3.55	3.70	7.25	10.0	-2.75
	5190	38	n (40MHz)	81/90 (MCS4)	0.48	3.70	4.18	10.0	-5.82
	5230	46	n (40MHz)	81/90 (MCS4)	4.25	3.70	7.95	10.0	-2.05
	5190	38	ax (SU) (40MHz)	98/103.2 (MCS4)	-1.17	3.70	2.53	10.0	-7.47
	5230	46	ax (SU) (40MHz)	98/103.2 (MCS4)	3.31	3.70	7.01	10.0	-2.99
	5210	42	ac (80MHz)	175.5/195 (MCS4)	-3.91	3.70	-0.21	10.0	-10.21
	5210	42	ax (SU) (80MHz)	204/216.2 (MCS4)	-5.06	3.70	-1.36	10.0	-11.36
	5210	50	ac (160MHz)	351/390 (MCS 4)	-10.24	3.70	-6.54	10.0	-16.54
	5210	50	ax (SU) (160MHz)	408.3/432.4 (MCS 4)	-12.55	3.70	-8.85	10.0	-18.85

Table 7-123. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 5b (Mid Data Rate)

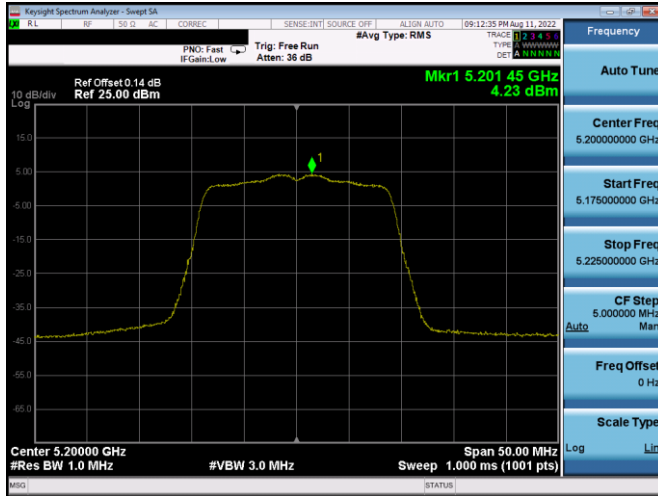
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	65/72.2 (MCS7)	3.19	3.70	6.89	10.0	-3.11
	5200	40	n (20MHz)	65/72.2 (MCS7)	3.37	3.70	7.07	10.0	-2.93
	5240	48	n (20MHz)	65/72.2 (MCS7)	3.35	3.70	7.05	10.0	-2.96
	5180	36	ax (SU) (20MHz)	135/143.4 (MCS11)	3.23	3.70	6.93	10.0	-3.07
	5200	40	ax (SU) (20MHz)	135/143.4 (MCS11)	3.48	3.70	7.18	10.0	-2.82
	5240	48	ax (SU) (20MHz)	135/143.4 (MCS11)	3.85	3.70	7.55	10.0	-2.45
	5190	38	n (40MHz)	135/150 (MCS7)	-1.49	3.70	2.21	10.0	-7.79
	5230	46	n (40MHz)	135/150 (MCS7)	3.11	3.70	6.81	10.0	-3.19
	5190	38	ax (SU) (40MHz)	271/286.8 (MCS11)	-1.79	3.70	1.91	10.0	-8.09
	5230	46	ax (SU) (40MHz)	271/286.8 (MCS11)	3.38	3.70	7.08	10.0	-2.92
	5210	42	ac (80MHz)	390/433.3 (MCS9)	-5.17	3.70	-1.47	10.0	-11.47
	5210	42	ax (SU) (80MHz)	567/600.5 (MCS11)	-5.79	3.70	-2.09	10.0	-12.09
	5210	50	ac (160MHz)	781/866.7 (MCS 9)	-11.07	3.70	-7.37	10.0	-17.37
	5210	50	ax (SU) (160MHz)	1134.3/1201 MCS 11	-13.12	3.70	-9.42	10.0	-19.42

Table 7-124. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 5b (High Data Rate)

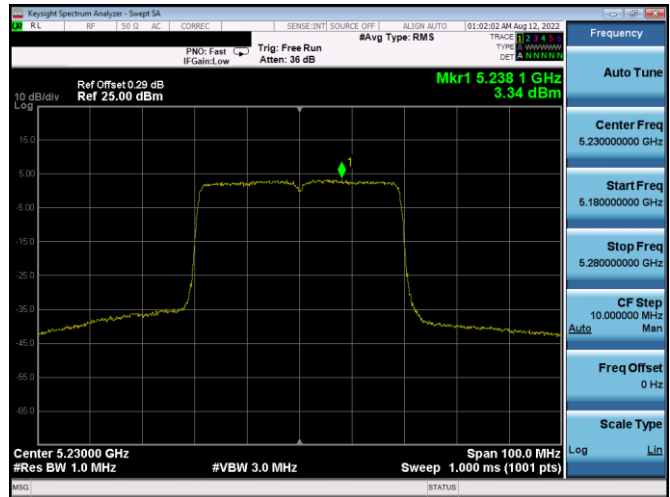
FCC ID: BCGA2435 IC: 579C-A2435	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 117 of 390

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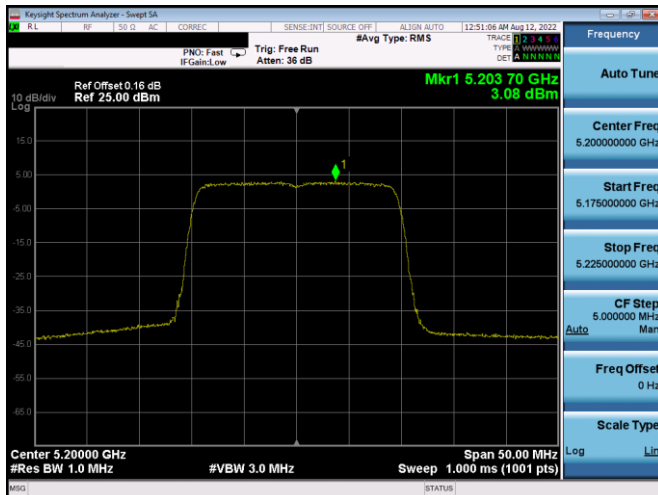
Low Data Rate



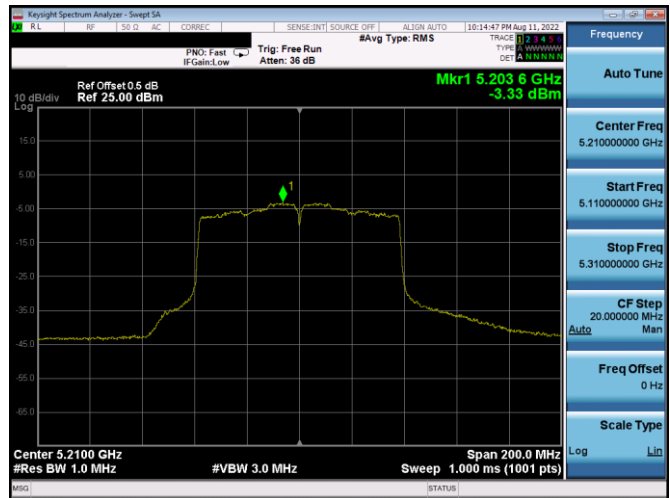
Plot 7-251. ISED PSD Antenna 5b (20MHz BW 11n – Ch.40, MCS2)



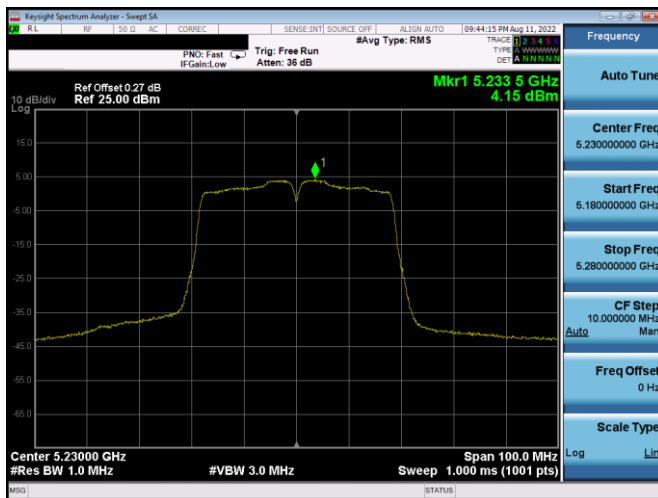
Plot 7-254. ISED PSD Antenna 5b (40MHz BW 11ax(SU) – Ch.46, MCS2)



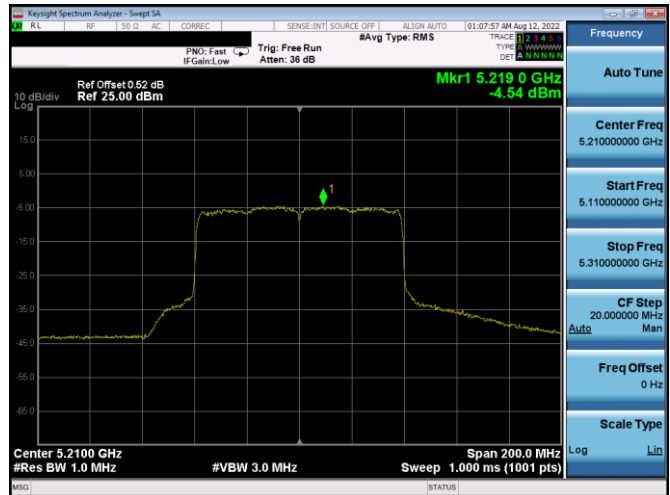
Plot 7-252. ISED PSD Antenna 5b (20MHz BW 11ax(SU) – Ch.40, MCS2)



Plot 7-255. ISED PSD Antenna 5b (80MHz BW 11ac – Ch.42, MCS2)



Plot 7-253. ISED PSD Antenna 5b (40MHz BW 11n – Ch.46, MCS2)

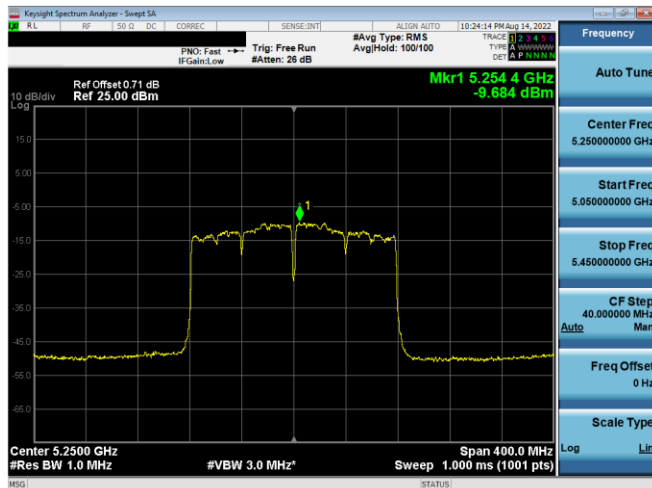


Plot 7-256. ISED PSD Antenna 5b (80MHz BW 11ax (SU) – Ch.42, MCS2)

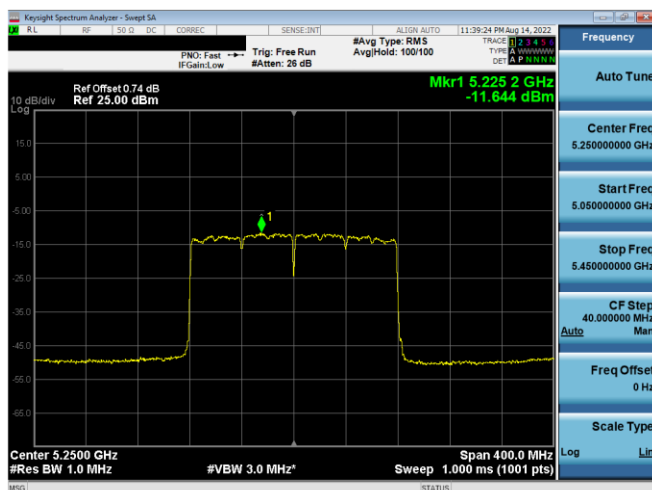
FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 118 of 390

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Plot 7-257. ISED PSD Antenna 5b (160MHz BW 11ac-- Ch.50 MCS2)



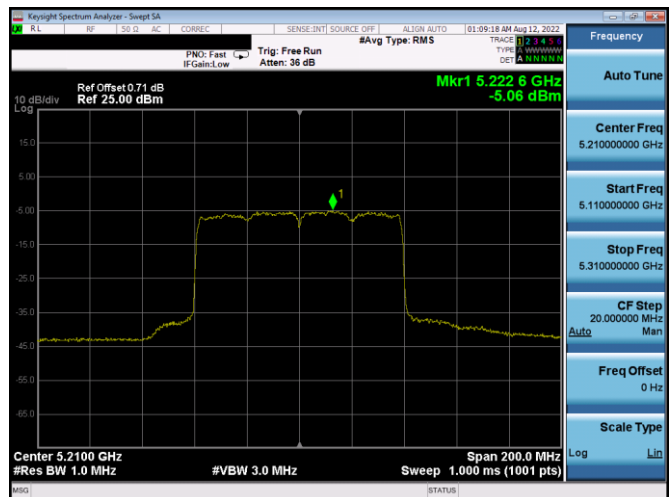
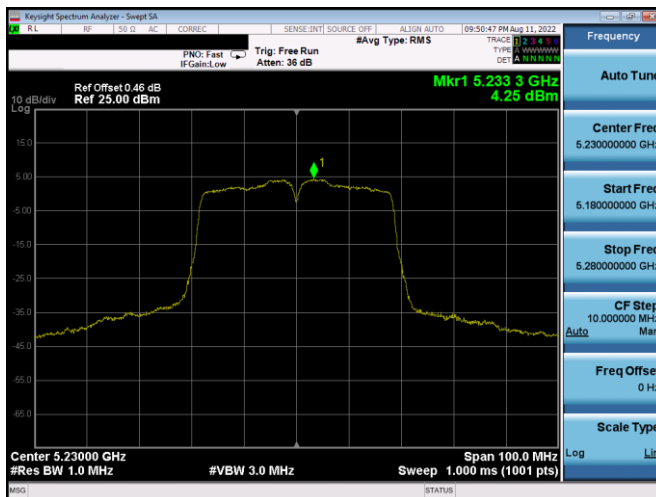
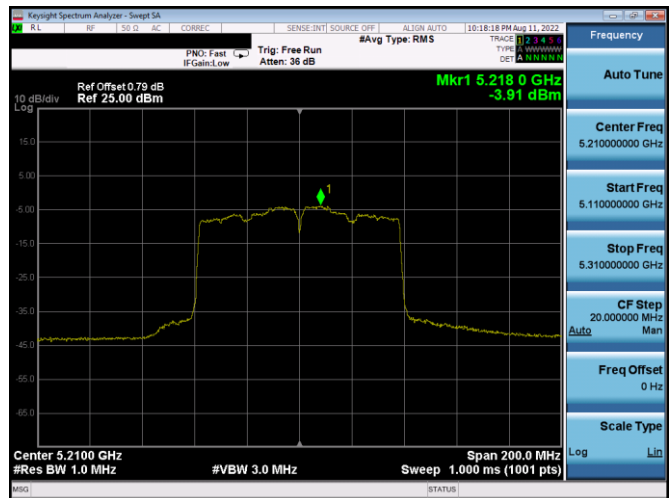
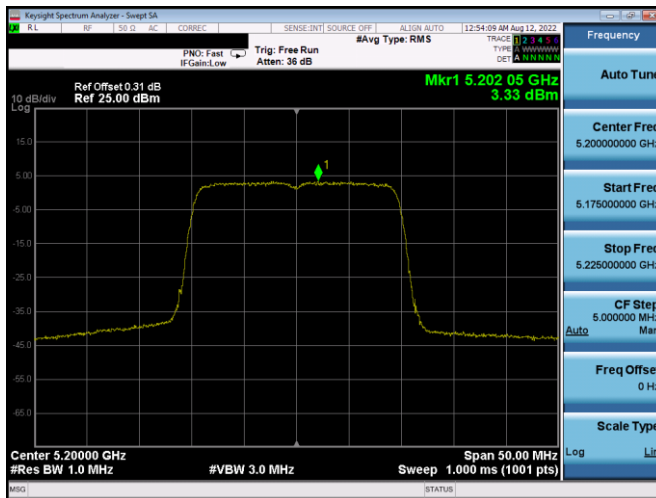
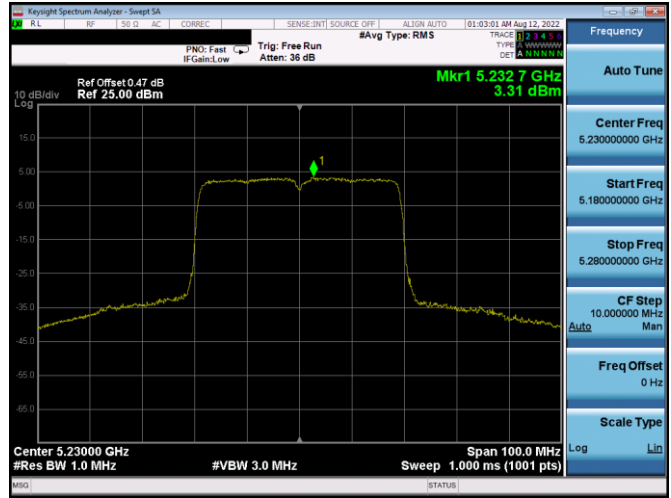
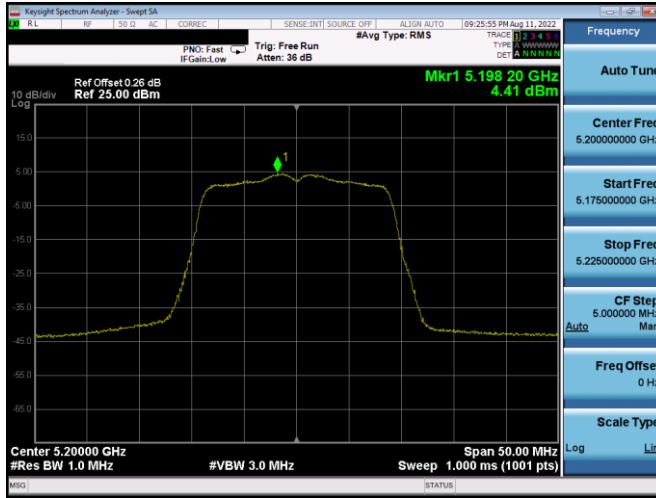
Plot 7-258. ISED PSD Antenna 5b (160MHz BW 11ax (SU) – Ch.50 MCS2)

FCC ID: BCGA2435 IC: 579C-A2435	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 119 of 390

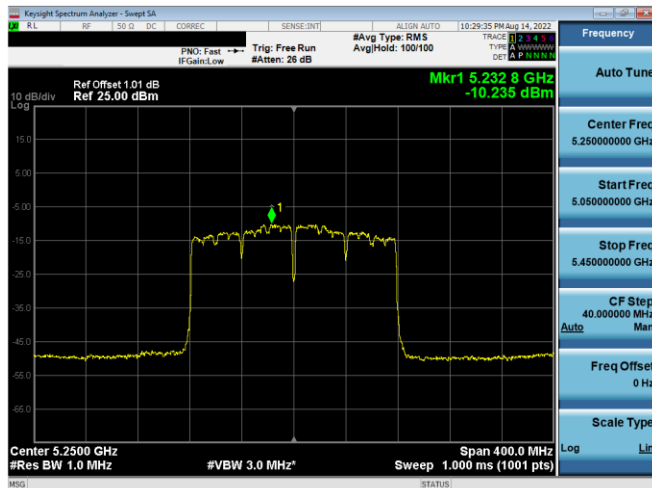
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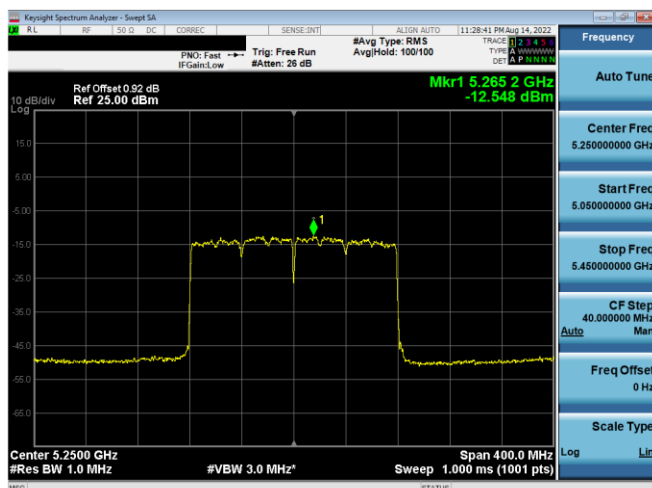
Mid Data Rate



FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 120 of 390



Plot 7-265. ISED PSD Antenna 5b (160MHz BW 11ac- Ch.50 MCS4)



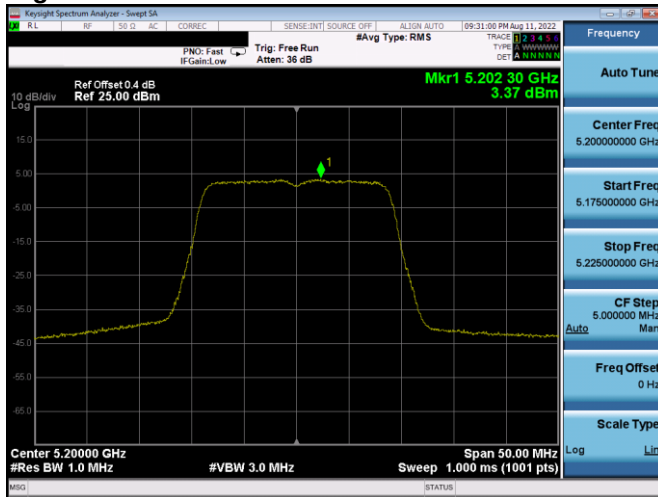
Plot 7-266. ISED PSD Antenna 5b (160MHz BW 11ax(SU) – Ch.50 MCS4)

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 121 of 390

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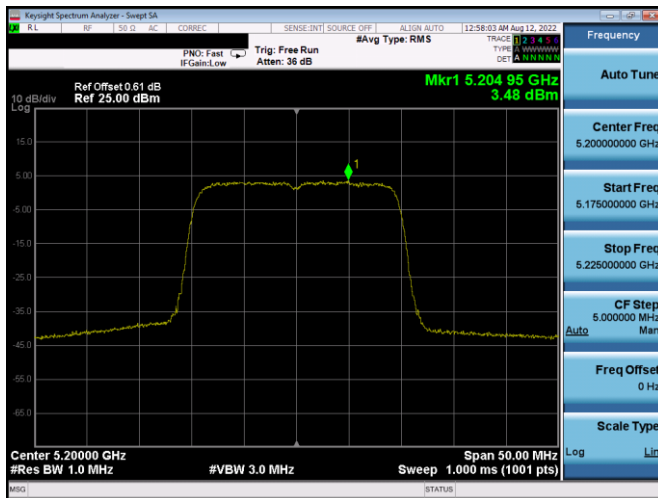
High Data Rate



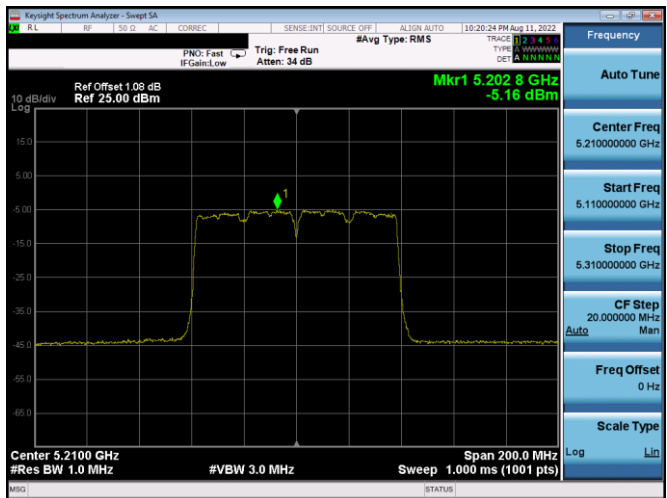
Plot 7-267. ISED PSD Antenna 5b (20MHz BW 11n – Ch.40, MCS7)



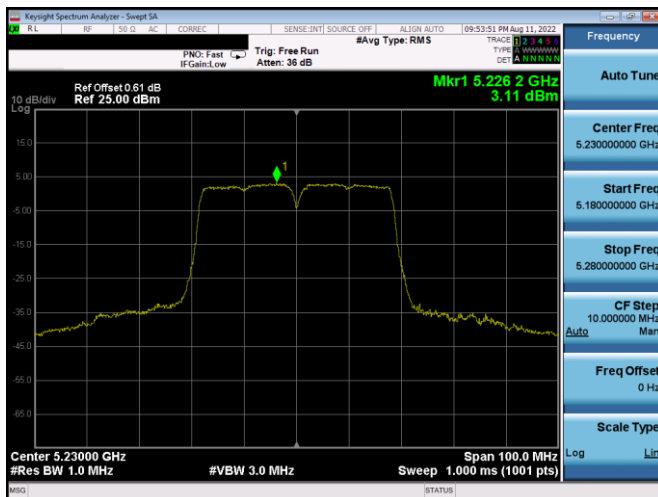
Plot 7-270. ISED PSD Antenna 5b (40MHz BW 11ax(SU) – Ch.46, MCS11)



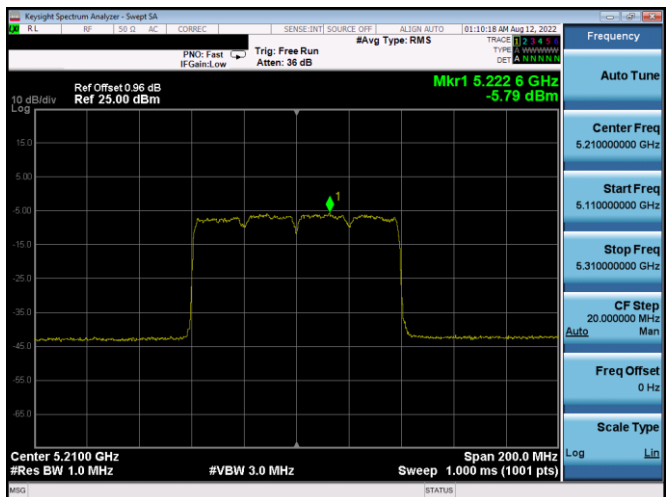
Plot 7-268. ISED PSD Antenna 5b (20MHz BW 11ax(SU) – Ch.40, MCS11)



Plot 7-271. ISED PSD Antenna 5b (80MHz BW 11ac – Ch.42, MCS9)



Plot 7-269. ISED PSD Antenna 5b (40MHz BW 11n – Ch.46, MCS7)

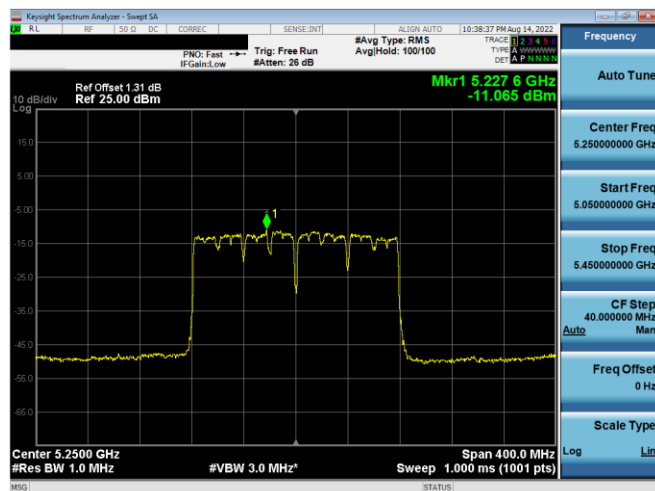


Plot 7-272. ISED PSD Antenna 5b (80MHz BW 11ax(SU) – Ch.42, MCS11)

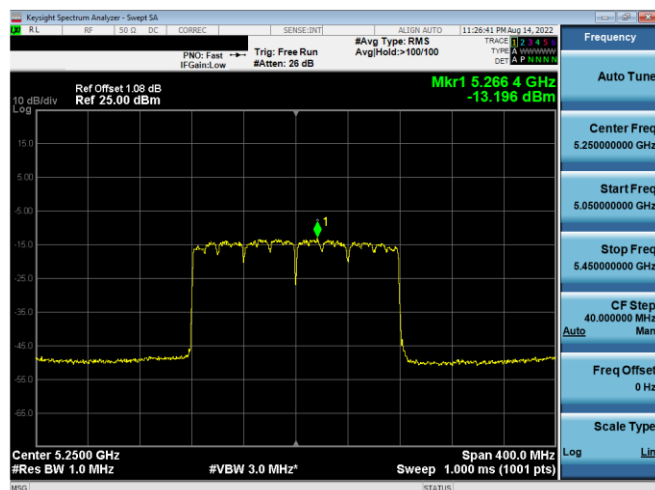
FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 122 of 390

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Plot 7-273. ISED PSD Antenna 5b (160MHz BW 11ac- Ch.50 MCS9)



Plot 7-274. ISED PSD Antenna 5b (160MHz BW 11ax(SU) – Ch.50 MCS11)

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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7.5.2 Antenna 4a 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)	7.67	11.0	-3.33
	5200	40	n (20MHz)	19.5/21.7 (MCS2)	9.77	11.0	-1.24
	5240	48	n (20MHz)	19.5/21.7 (MCS2)	9.66	11.0	-1.34
	5180	36	ax (SU) (20MHz)	24/25.8 (MCS2)	6.22	11.0	-4.78
	5200	40	ax (SU) (20MHz)	24/25.8 (MCS2)	8.39	11.0	-2.61
	5240	48	ax (SU) (20MHz)	24/25.8 (MCS2)	8.32	11.0	-2.68
	5190	38	n (40MHz)	40.5/45 (MCS2)	3.22	11.0	-7.78
	5230	46	n (40MHz)	40.5/45 (MCS2)	8.79	11.0	-2.21
	5190	38	ax (SU) (40MHz)	49/51.6 (MCS2)	1.51	11.0	-9.50
	5230	46	ax (SU) (40MHz)	49/51.6 (MCS2)	6.85	11.0	-4.15
	5210	42	ac (80MHz)	87.8/97.5 (MCS2)	0.06	11.0	-10.94
	5210	42	ax (SU) (80MHz)	102/108.1 (MCS2)	-2.13	11.0	-13.13
Band 1/2	5250	50	ax (SU) (160MHz)	183.8/216.2 (MCS2)	-11.78	11.0	-22.78
	5250	50	ac (160MHz)	97.5/195 (MCS2)	-10.20	11.0	-21.20
Band 2A	5260	52	n (20MHz)	19.5/21.7 (MCS2)	9.57	11.0	-1.44
	5280	56	n (20MHz)	19.5/21.7 (MCS2)	9.61	11.0	-1.39
	5320	64	n (20MHz)	19.5/21.7 (MCS2)	9.98	11.0	-1.02
	5260	52	ax (SU) (20MHz)	24/25.8 (MCS2)	8.32	11.0	-2.68
	5280	56	ax (SU) (20MHz)	24/25.8 (MCS2)	8.21	11.0	-2.79
	5320	64	ax (SU) (20MHz)	24/25.8 (MCS2)	7.97	11.0	-3.03
	5270	54	n (40MHz)	40.5/45 (MCS2)	8.63	11.0	-2.37
	5310	62	n (40MHz)	40.5/45 (MCS2)	4.56	11.0	-6.44
	5270	54	ax (SU) (40MHz)	49/51.6 (MCS2)	7.24	11.0	-3.76
	5310	62	ax (SU) (40MHz)	49/51.6 (MCS2)	2.16	11.0	-8.84
	5290	58	ac (80MHz)	87.8/97.5 (MCS2)	1.30	11.0	-9.70
	5290	58	ax (SU) (80MHz)	102/108.1 (MCS2)	-0.79	11.0	-11.79
Band 2C	5500	100	n (20MHz)	19.5/21.7 (MCS2)	8.73	11.0	-2.27
	5580	116	n (20MHz)	19.5/21.7 (MCS2)	9.10	11.0	-1.90
	5720	144	n (20MHz)	19.5/21.7 (MCS2)	10.00	11.0	-1.00
	5500	100	ax (SU) (20MHz)	24/25.8 (MCS2)	6.22	11.0	-4.78
	5580	116	ax (SU) (20MHz)	24/25.8 (MCS2)	7.84	11.0	-3.16
	5720	144	ax (SU) (20MHz)	24/25.8 (MCS2)	8.75	11.0	-2.25
	5510	102	n (40MHz)	40.5/45 (MCS2)	3.44	11.0	-7.56
	5550	110	n (40MHz)	40.5/45 (MCS2)	9.00	11.0	-2.00
	5710	142	n (40MHz)	40.5/45 (MCS2)	8.71	11.0	-2.29
	5510	102	ax (SU) (40MHz)	49/51.6 (MCS2)	1.58	11.0	-9.42
	5550	110	ax (SU) (40MHz)	49/51.6 (MCS2)	7.21	11.0	-3.80
	5710	142	ax (SU) (40MHz)	49/51.6 (MCS2)	7.83	11.0	-3.17
	5530	106	ac (80MHz)	87.8/97.5 (MCS2)	0.94	11.0	-10.06
	5610	*122	ac (80MHz)	87.8/97.5 (MCS2)	2.73	11.0	-8.27
	5690	138	ac (80MHz)	87.8/97.5 (MCS2)	5.80	11.0	-5.20
	5530	106	ax (SU) (80MHz)	102/108.1 (MCS2)	-1.41	11.0	-12.41
	5610	*122	ax (SU) (80MHz)	102/108.1 (MCS2)	0.82	11.0	-10.18
	5690	138	ax (SU) (80MHz)	102/108.1 (MCS2)	4.81	11.0	-6.19
	5570	*114	ax (SU) (160MHz)	183.8/216.2 (MCS2)	-11.03	11.0	-22.03
	5570	*114	ac (160MHz)	97.5/195 (MCS2)	-9.65	11.0	-20.65

Table 7-125. Power Spectral Density Measurements Antenna 4a (Low Data Rate)

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

FCC ID: BCGA2435 IC: 579C-A2435	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 124 of 390

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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)	6.93	11.0	-4.07
	5200	40	n (20MHz)	39/43.3 (MCS4)	9.79	11.0	-1.21
	5240	48	n (20MHz)	39/43.3 (MCS4)	9.80	11.0	-1.21
	5180	36	ax (SU) (20MHz)	49/51.6 (MCS4)	5.54	11.0	-5.46
	5200	40	ax (SU) (20MHz)	49/51.6 (MCS4)	8.53	11.0	-2.47
	5240	48	ax (SU) (20MHz)	49/51.6 (MCS4)	8.41	11.0	-2.60
	5190	38	n (40MHz)	81/90 (MCS4)	2.99	11.0	-8.01
	5230	46	n (40MHz)	81/90 (MCS4)	8.66	11.0	-2.34
	5190	38	ax (SU) (40MHz)	98/103.2 (MCS4)	1.36	11.0	-9.64
	5230	46	ax (SU) (40MHz)	98/103.2 (MCS4)	6.95	11.0	-4.05
	5210	42	ac (80MHz)	175.5/195 (MCS4)	-1.42	11.0	-12.42
	5210	42	ax (SU) (80MHz)	204/216.2 (MCS4)	-2.18	11.0	-13.18
Band 1/2	5250	50	ax (SU) (160MHz)	408.3/432.4 (MCS4)	-12.05	11.0	-23.05
	5250	50	ac (160MHz)	351/390 (MCS4)	-10.30	11.0	-21.30
Band 2A	5260	52	n (20MHz)	39/43.3 (MCS4)	9.66	11.0	-1.34
	5280	56	n (20MHz)	39/43.3 (MCS4)	9.94	11.0	-1.06
	5320	64	n (20MHz)	39/43.3 (MCS4)	8.71	11.0	-2.29
	5260	52	ax (SU) (20MHz)	49/51.6 (MCS4)	8.55	11.0	-2.45
	5280	56	ax (SU) (20MHz)	49/51.6 (MCS4)	8.44	11.0	-2.56
	5320	64	ax (SU) (20MHz)	49/51.6 (MCS4)	7.24	11.0	-3.76
	5270	54	n (40MHz)	81/90 (MCS4)	8.77	11.0	-2.23
	5310	62	n (40MHz)	81/90 (MCS4)	4.58	11.0	-6.42
	5270	54	ax (SU) (40MHz)	98/103.2 (MCS4)	7.14	11.0	-3.86
	5310	62	ax (SU) (40MHz)	98/103.2 (MCS4)	2.18	11.0	-8.82
	5290	58	ac (80MHz)	175.5/195 (MCS4)	0.25	11.0	-10.75
	5290	58	ax (SU) (80MHz)	204/216.2 (MCS4)	-1.38	11.0	-12.38
Band 2C	5500	100	n (20MHz)	39/43.3 (MCS4)	7.19	11.0	-3.81
	5580	116	n (20MHz)	39/43.3 (MCS4)	9.32	11.0	-1.68
	5720	144	n (20MHz)	39/43.3 (MCS4)	9.84	11.0	-1.16
	5500	100	ax (SU) (20MHz)	49/51.6 (MCS4)	5.43	11.0	-5.58
	5580	116	ax (SU) (20MHz)	49/51.6 (MCS4)	7.99	11.0	-3.01
	5720	144	ax (SU) (20MHz)	49/51.6 (MCS4)	8.79	11.0	-2.21
	5510	102	n (40MHz)	81/90 (MCS4)	3.20	11.0	-7.80
	5550	110	n (40MHz)	81/90 (MCS4)	8.95	11.0	-2.05
	5710	142	n (40MHz)	81/90 (MCS4)	8.84	11.0	-2.16
	5510	102	ax (SU) (40MHz)	98/103.2 (MCS4)	0.52	11.0	-10.48
	5550	110	ax (SU) (40MHz)	98/103.2 (MCS4)	6.88	11.0	-4.12
	5710	142	ax (SU) (40MHz)	98/103.2 (MCS4)	7.97	11.0	-3.03
	5530	106	ac (80MHz)	175.5/195 (MCS4)	-0.37	11.0	-11.37
	5610	*122	ac (80MHz)	87.8/97.5 (MCS2)	2.26	11.0	-8.74
	5690	138	ac (80MHz)	175.5/195 (MCS4)	6.12	11.0	-4.88
	5530	106	ax (SU) (80MHz)	204/216.2 (MCS4)	-2.27	11.0	-13.27
	5610	*122	ax (SU) (80MHz)	102/108.1 (MCS2)	0.09	11.0	-10.91
	5690	138	ax (SU) (80MHz)	204/216.2 (MCS4)	5.00	11.0	-6.00
	5570	*114	ax (SU) (160MHz)	408.3/432.4 (MCS4)	-11.60	11.0	-22.60
	5570	*114	ac (160MHz)	351/390 (MCS4)	-10.72	11.0	-21.72

Table 7-126. Power Spectral Density Measurements Antenna 4a (Mid Data Rate)

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

FCC ID: BCGA2435 IC: 579C-A2435	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 125 of 390

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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)	5.04	11.0	-5.96
	5200	40	n (20MHz)	65/72.2 (MCS7)	8.22	11.0	-2.78
	5240	48	n (20MHz)	65/72.2 (MCS7)	8.71	11.0	-2.29
	5180	36	ax (SU) (20MHz)	135/143.4 (MCS11)	4.94	11.0	-6.06
	5200	40	ax (SU) (20MHz)	135/143.4 (MCS11)	8.45	11.0	-2.55
	5240	48	ax (SU) (20MHz)	135/143.4 (MCS11)	8.63	11.0	-2.37
	5190	38	n (40MHz)	135/150 (MCS7)	1.07	11.0	-9.93
	5230	46	n (40MHz)	135/150 (MCS7)	7.56	11.0	-3.44
	5190	38	ax (SU) (40MHz)	271/286.8 (MCS11)	0.74	11.0	-10.26
	5230	46	ax (SU) (40MHz)	271/286.8 (MCS11)	6.71	11.0	-4.29
	5210	42	ac (80MHz)	390/433.3 (MCS9)	-2.53	11.0	-13.53
	5210	42	ax (SU) (80MHz)	567/600.5 (MCS11)	-3.01	11.0	-14.01
Band 1/2	5250	50	ax (SU) (160MHz)	544.4/576.5 (MCS 11)	-12.16	11.0	-23.16
	5250	50	ac (160MHz)	468/520 (MCS9)	-12.01	11.0	-23.01
Band 2A	5260	52	n (20MHz)	65/72.2 (MCS7)	8.55	11.0	-2.45
	5280	56	n (20MHz)	65/72.2 (MCS7)	8.43	11.0	-2.57
	5320	64	n (20MHz)	65/72.2 (MCS7)	6.58	11.0	-4.42
	5260	52	ax (SU) (20MHz)	135/143.4 (MCS11)	8.62	11.0	-2.38
	5280	56	ax (SU) (20MHz)	135/143.4 (MCS11)	8.54	11.0	-2.46
	5320	64	ax (SU) (20MHz)	135/143.4 (MCS11)	6.36	11.0	-4.64
	5270	54	n (40MHz)	135/150 (MCS7)	7.53	11.0	-3.48
	5310	62	n (40MHz)	135/150 (MCS7)	1.70	11.0	-9.31
	5270	54	ax (SU) (40MHz)	271/286.8 (MCS11)	7.07	11.0	-3.93
	5310	62	ax (SU) (40MHz)	271/286.8 (MCS11)	1.18	11.0	-9.82
	5290	58	ac (80MHz)	390/433.3 (MCS9)	-1.68	11.0	-12.68
	5290	58	ax (SU) (80MHz)	567/600.5 (MCS11)	-1.82	11.0	-12.82
Band 2C	5500	100	n (20MHz)	65/72.2 (MCS7)	4.50	11.0	-6.50
	5580	116	n (20MHz)	65/72.2 (MCS7)	8.08	11.0	-2.92
	5720	144	n (20MHz)	65/72.2 (MCS7)	8.78	11.0	-2.22
	5500	100	ax (SU) (20MHz)	135/143.4 (MCS11)	4.59	11.0	-6.41
	5580	116	ax (SU) (20MHz)	135/143.4 (MCS11)	8.34	11.0	-2.66
	5720	144	ax (SU) (20MHz)	135/143.4 (MCS11)	9.00	11.0	-2.00
	5510	102	n (40MHz)	135/150 (MCS7)	0.50	11.0	-10.50
	5550	110	n (40MHz)	135/150 (MCS7)	6.44	11.0	-4.56
	5710	142	n (40MHz)	135/150 (MCS7)	7.86	11.0	-3.14
	5510	102	ax (SU) (40MHz)	271/286.8 (MCS11)	-0.19	11.0	-11.19
	5550	110	ax (SU) (40MHz)	271/286.8 (MCS11)	6.30	11.0	-4.70
	5710	142	ax (SU) (40MHz)	271/286.8 (MCS11)	7.83	11.0	-3.17
	5530	106	ac (80MHz)	390/433.3 (MCS9)	-1.40	11.0	-12.40
	5610	*122	ac (80MHz)	390/433.3 (MCS9)	0.61	11.0	-10.39
	5690	138	ac (80MHz)	390/433.3 (MCS9)	5.24	11.0	-5.76
	5530	106	ax (SU) (80MHz)	567/600.5 (MCS11)	-2.35	11.0	-13.35
	5610	*122	ax (SU) (80MHz)	567/600.5 (MCS11)	-0.38	11.0	-11.38
	5690	138	ax (SU) (80MHz)	567/600.5 (MCS11)	5.22	11.0	-5.78
	5570	*114	ax (SU) (160MHz)	544.4/576.5 (MCS 11)	-11.88	11.0	-22.88
	5570	*114	ac (160MHz)	468/520 (MCS9)	-12.40	11.0	-23.40

**Table 7-127. Power Spectral Density Measurements
Antenna 4a (High Data Rate)**

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

FCC ID: BCGA2435 IC: 579C-A2435	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 126 of 390

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