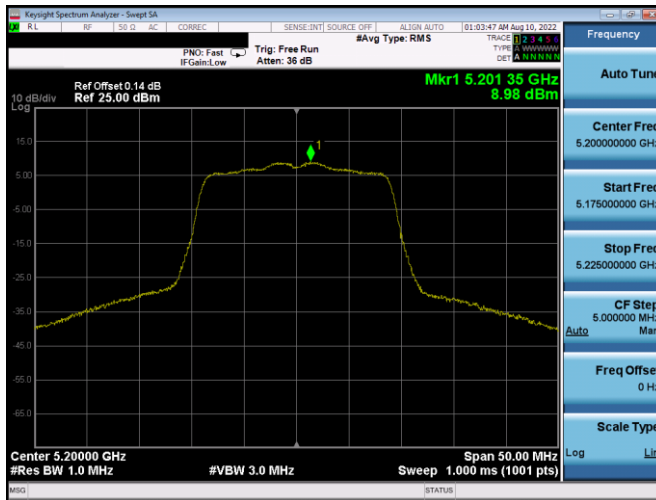
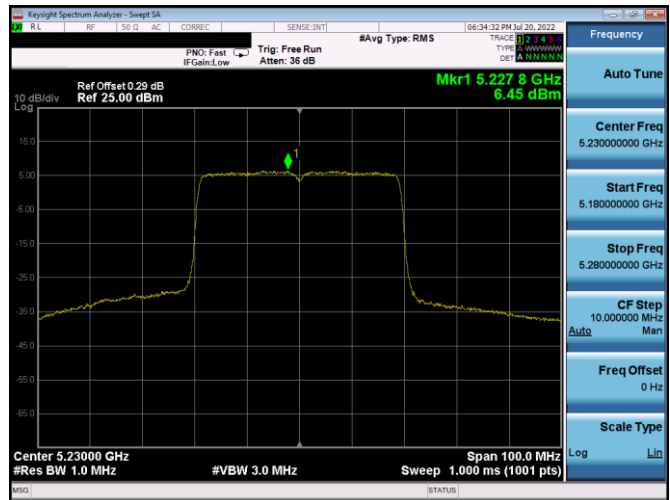


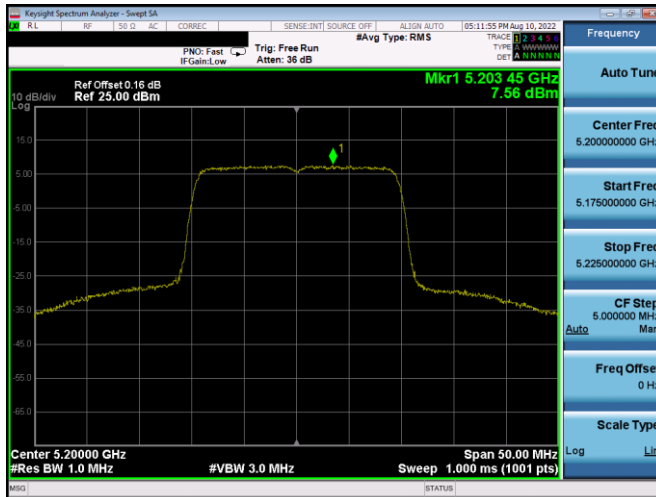
Low Data Rate



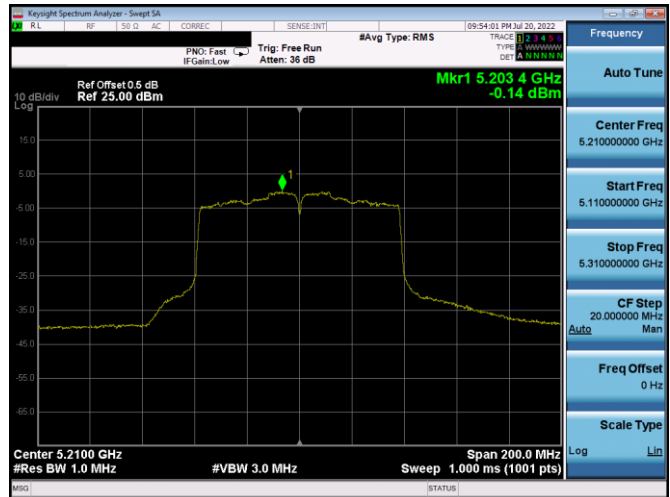
Plot 7-169. PSD Antenna 5b (20MHz BW 802.11n - Ch. 40, MCS2)



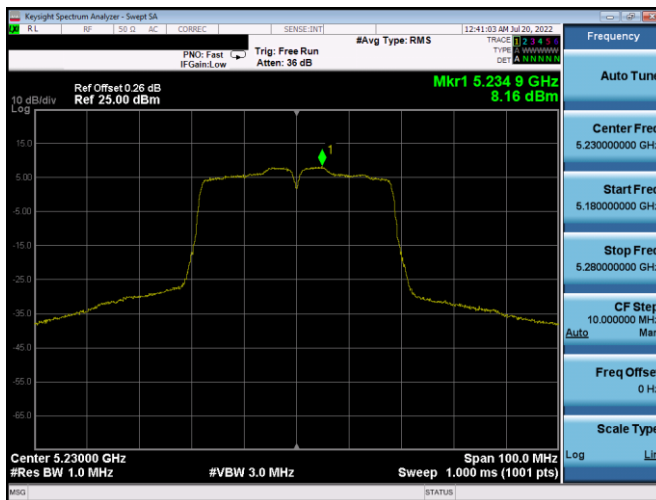
Plot 7-172. PSD Antenna 5b (40MHz BW 802.11ax(SU) - Ch. 46, MCS2)



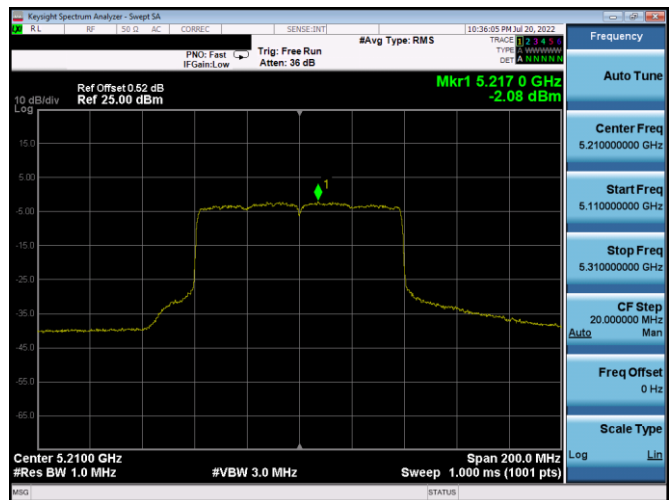
Plot 7-170. PSD Antenna 5b (20MHz BW 802.11ax(SU) - Ch. 40, MCS2)



Plot 7-173. PSD Antenna 5b (80MHz BW 802.11ac - Ch. 42, MCS2)

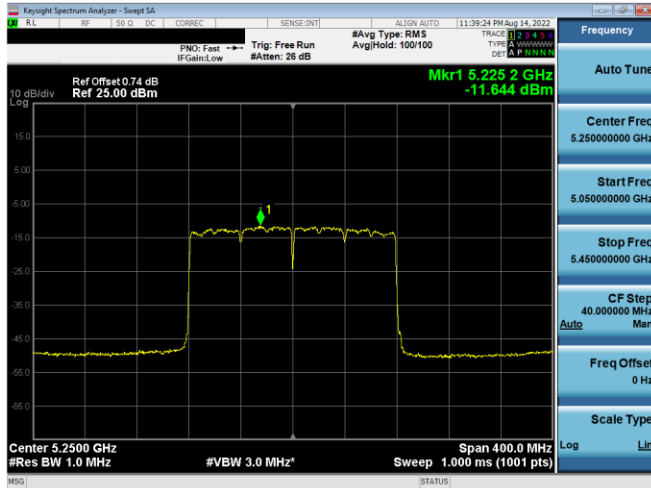


Plot 7-171. PSD Antenna 5b (40MHz BW 802.11n - Ch. 46, MCS2)

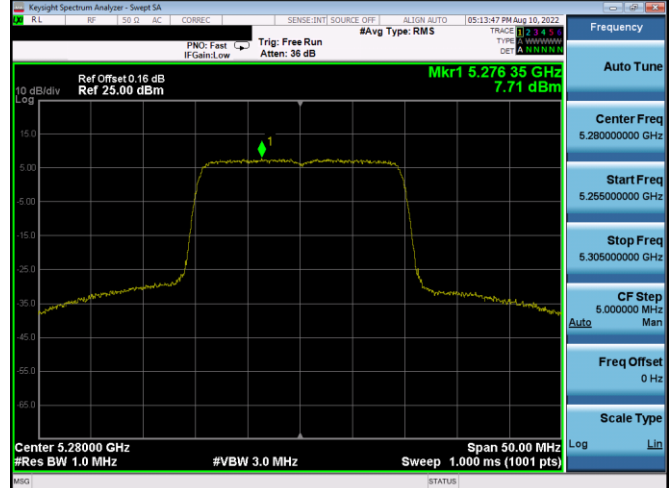


Plot 7-174. PSD Antenna 5b (80MHz BW 802.11ax(SU) - Ch. 42, MCS2)

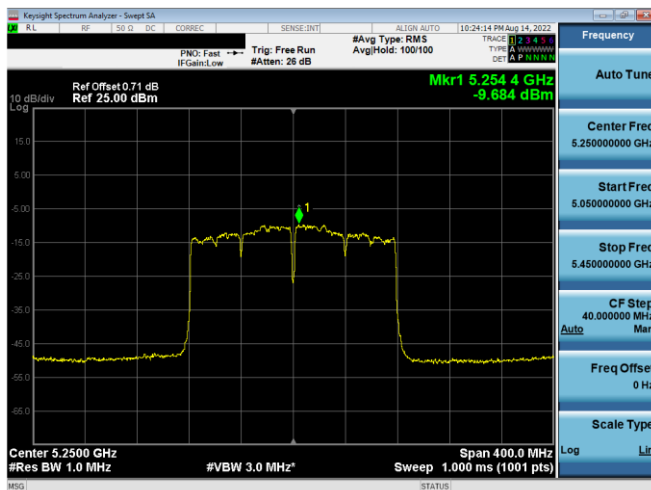
FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 100 of 389



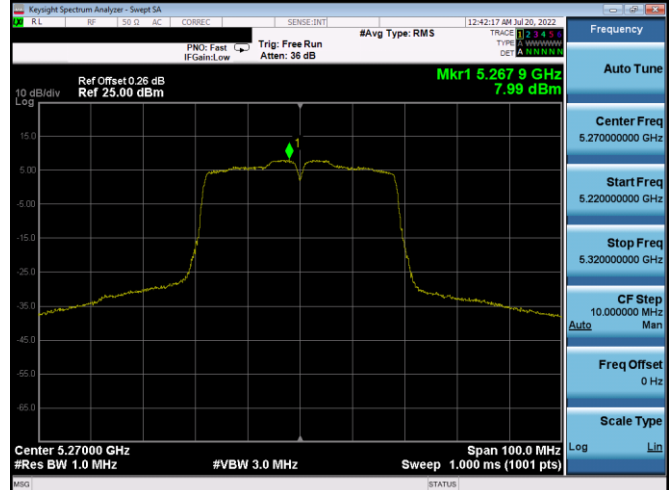
Plot 7-175. PSD Antenna 5b (160MHz BW 802.11ax(SU) – Ch. 50, MCS2)



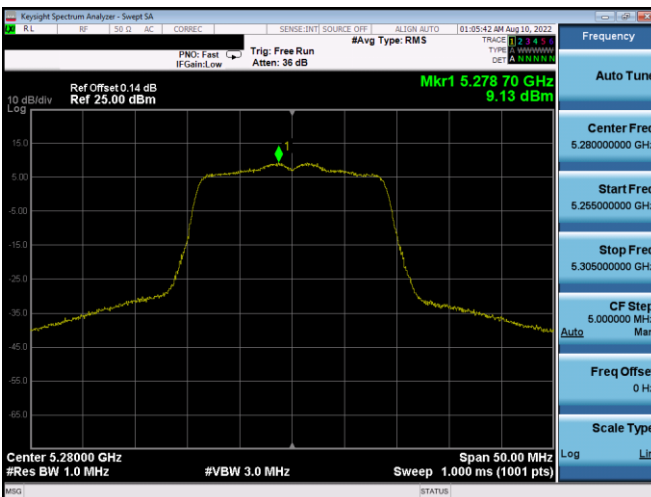
Plot 7-178. PSD Antenna 5b (20MHz BW 802.11ax(SU) – Ch. 56, MCS2)



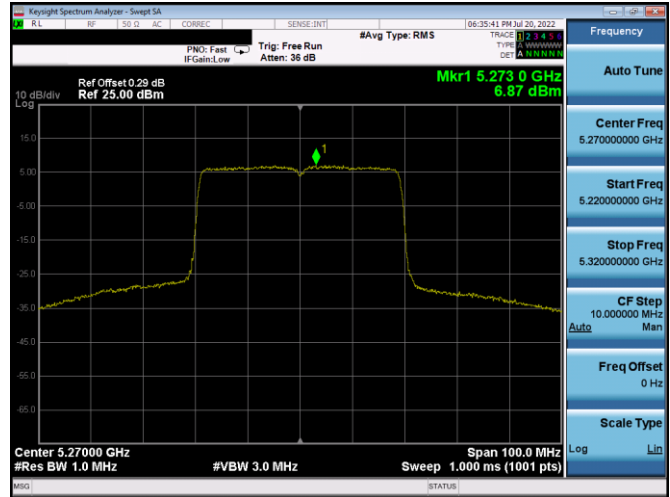
Plot 7-176. PSD Antenna 5b (160MHz BW 802.11ac – Ch. 50, MCS2)



Plot 7-179. PSD Antenna 5b (40MHz BW 802.11n – Ch. 54, MCS2)

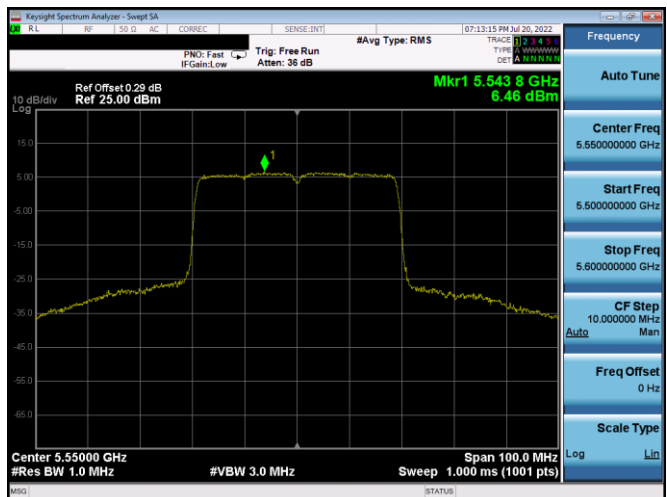
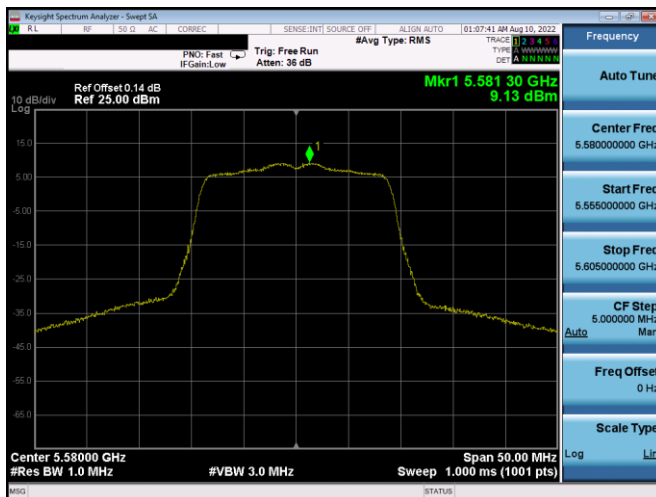
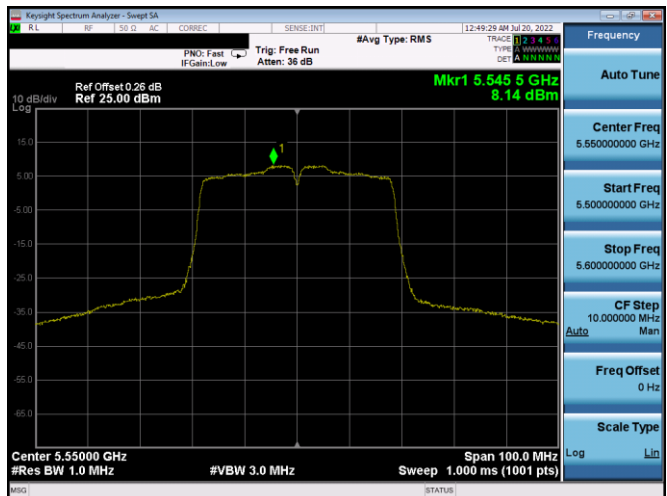
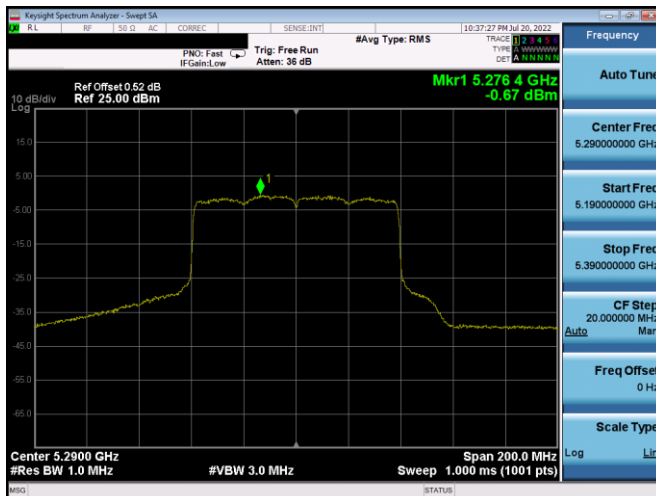
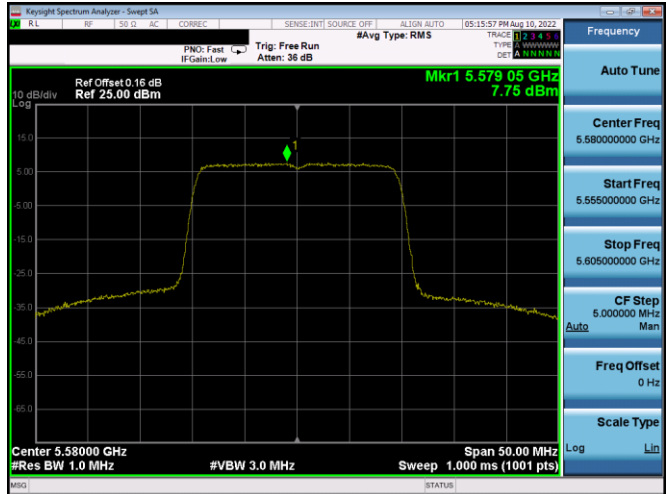
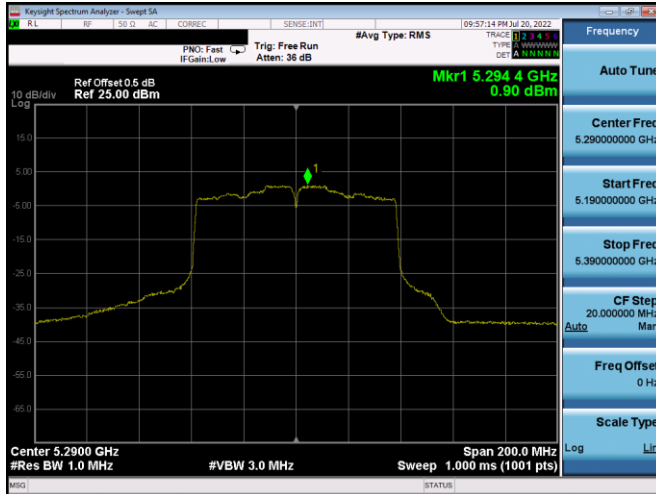


Plot 7-177. PSD Antenna 5b (20MHz BW 802.11n – Ch. 56, MCS2)

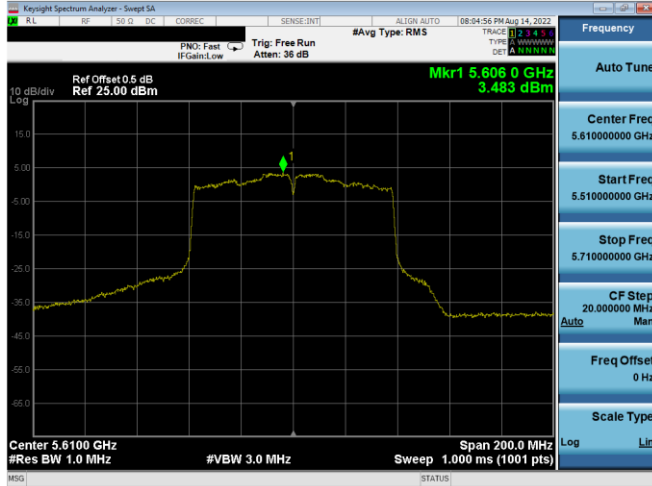


Plot 7-180. PSD Antenna 5b (40MHz BW 802.11ax(SU) – Ch. 54, MCS2)

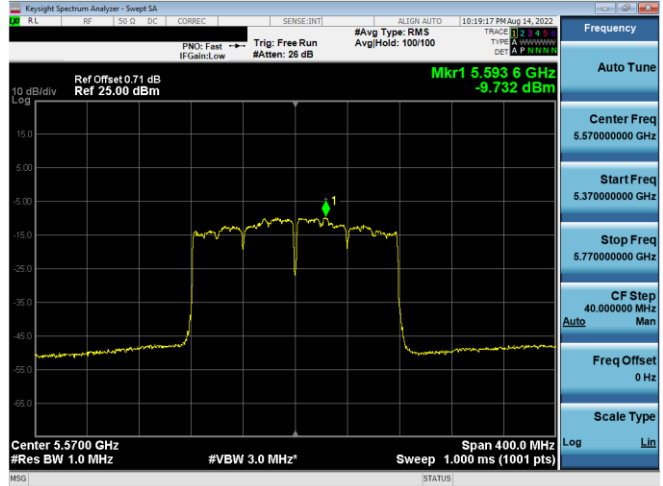
FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 101 of 389



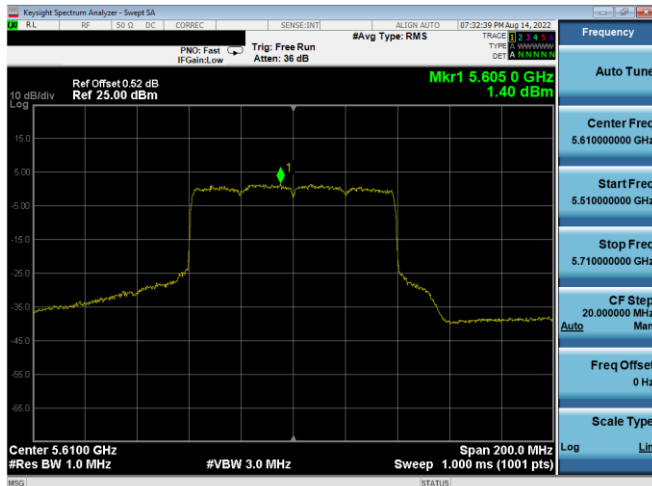
FCC ID: BCGA2435 IC: 579C-A2435			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device		Page 102 of 389



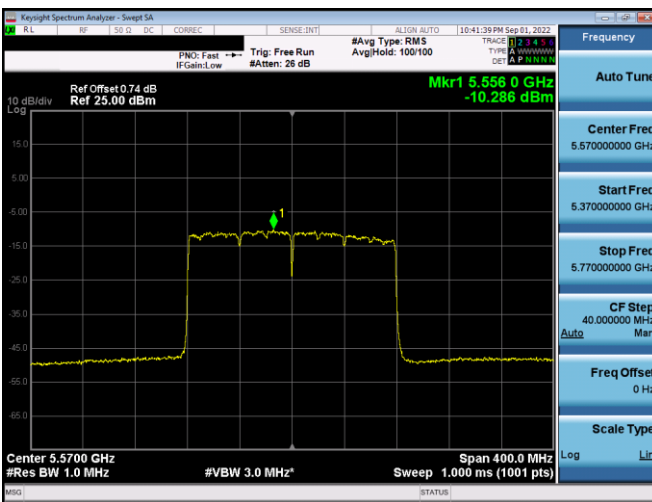
Plot 7-187. PSD Antenna 5b (80MHz BW 802.11ac – Ch. 122, MCS2)



Plot 7-190. PSD Antenna 5b (160MHz BW 802.11n – Ch. 114, MCS2)



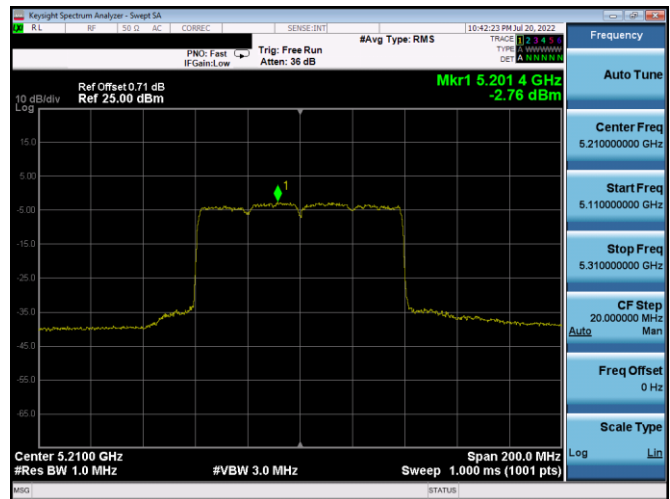
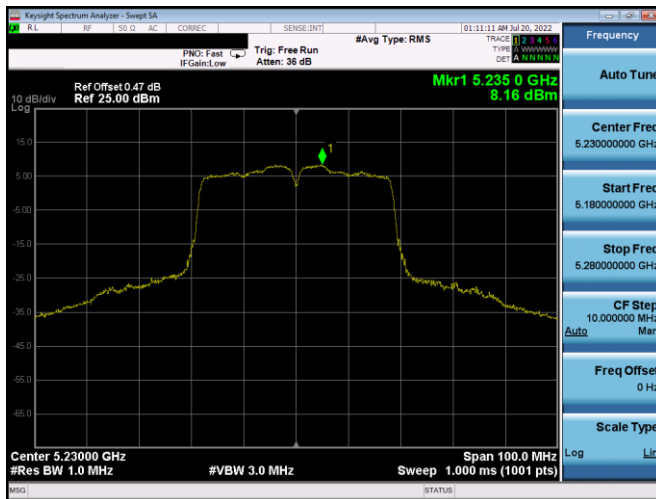
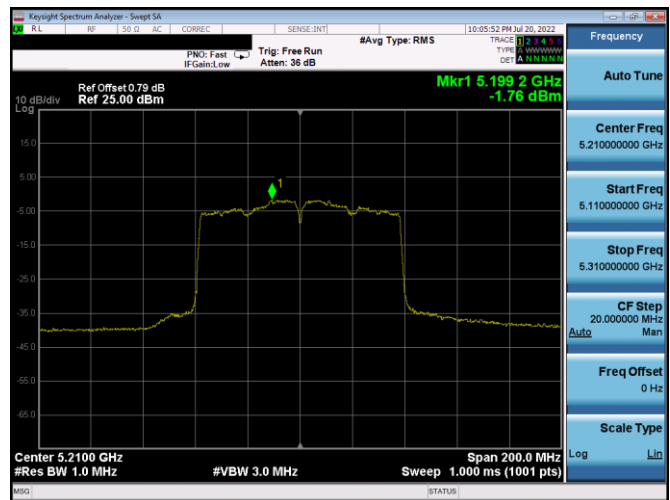
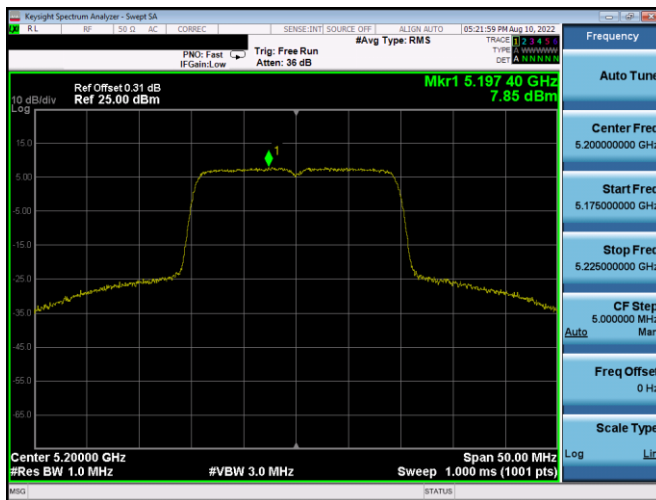
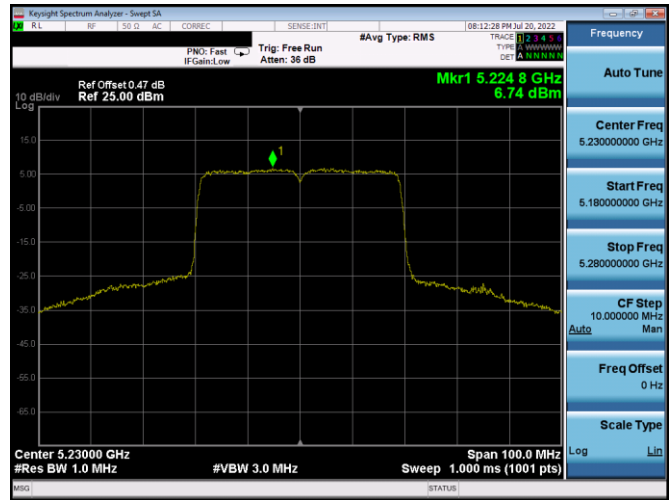
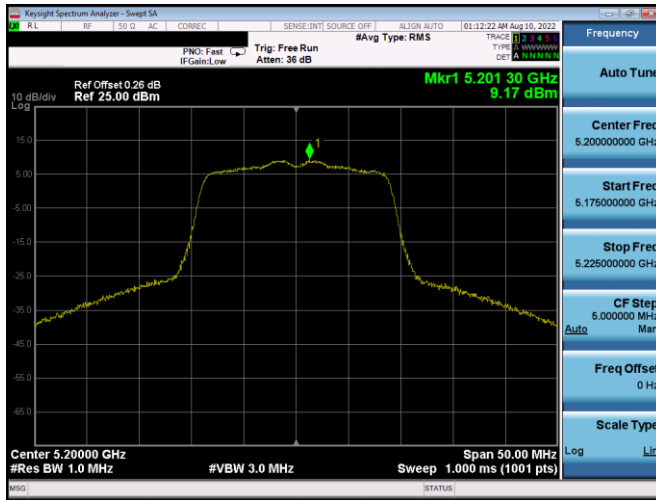
Plot 7-188. PSD Antenna 5b (80MHz BW 802.11ax(SU) – Ch. 122, MCS2)



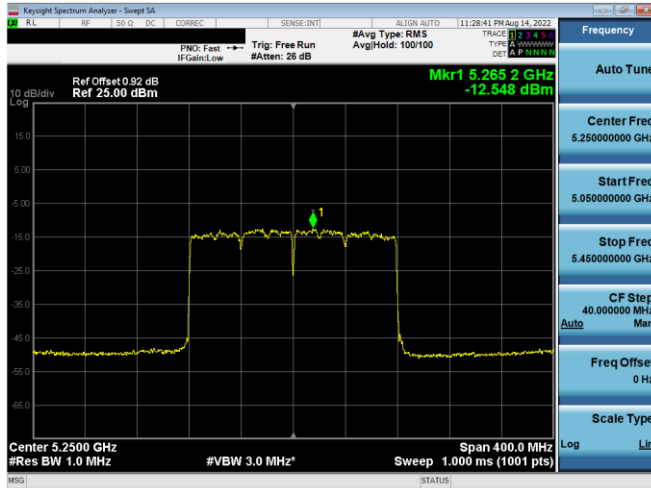
Plot 7-189. PSD Antenna 5b (160MHz BW 802.11ax(SU) – Ch. 114, MCS2)

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 103 of 389

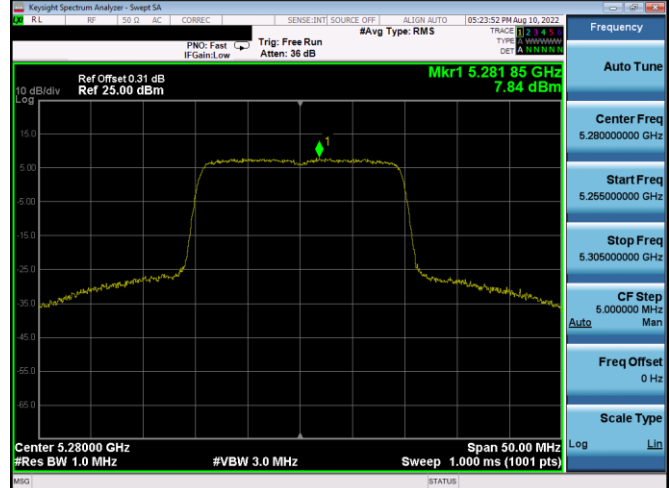
Mid Data Rate



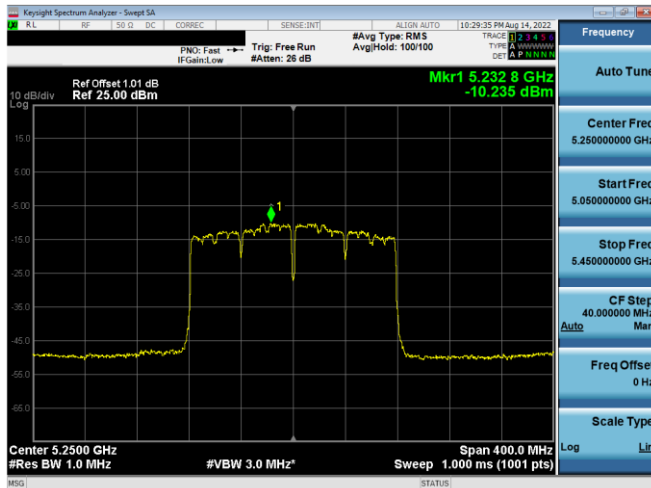
FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 104 of 389



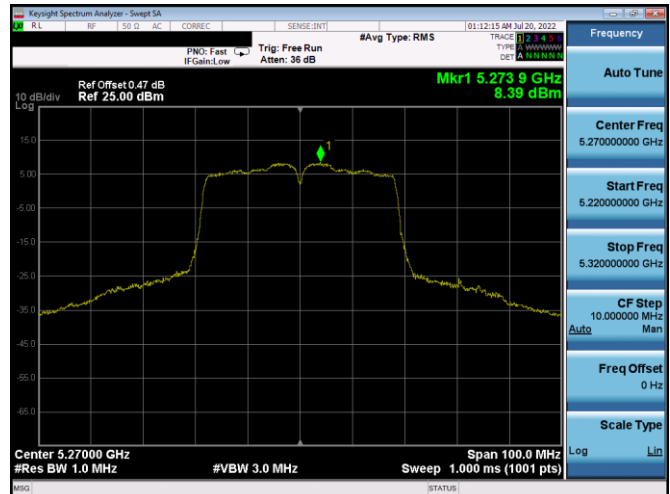
Plot 7-197. PSD Antenna 5b (160MHz BW 802.11ax(SU) – Ch. 50, MCS4)



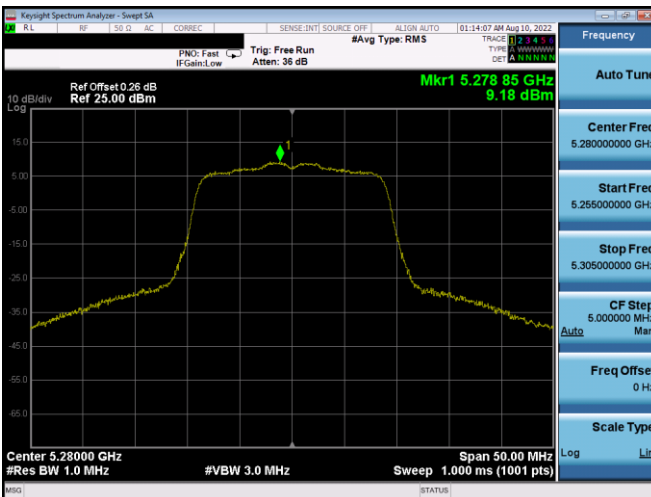
Plot 7-200. PSD Antenna 5b (20MHz BW 802.11ax(SU) – Ch. 56, MCS4)



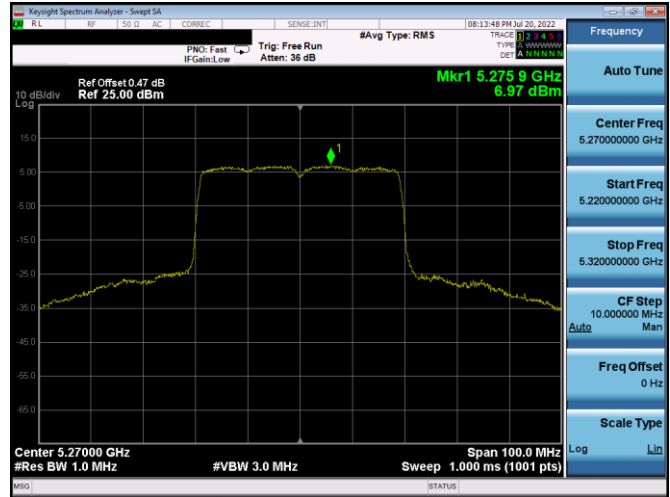
Plot 7-198. PSD Antenna 5b (160MHz BW 802.11ac – Ch. 50, MCS4)



Plot 7-201. PSD Antenna 5b (40MHz BW 802.11n – Ch. 54, MCS4)

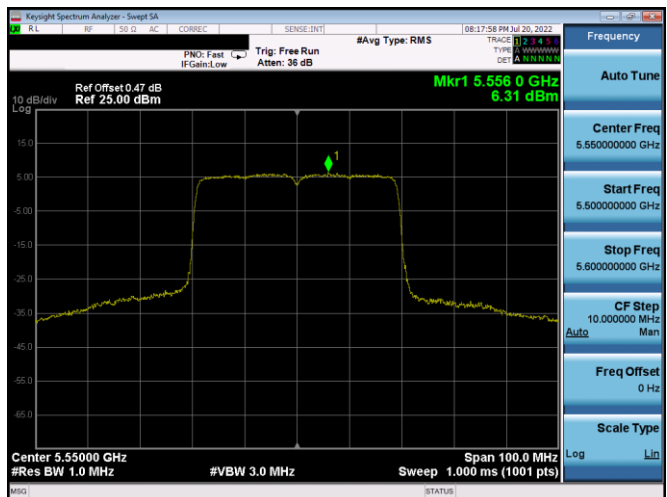
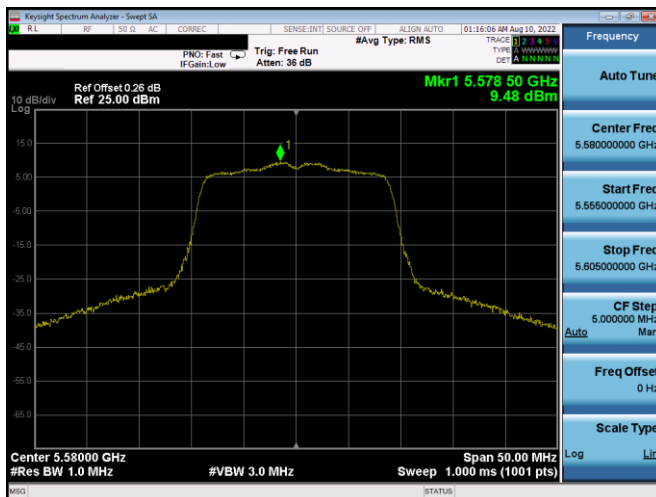
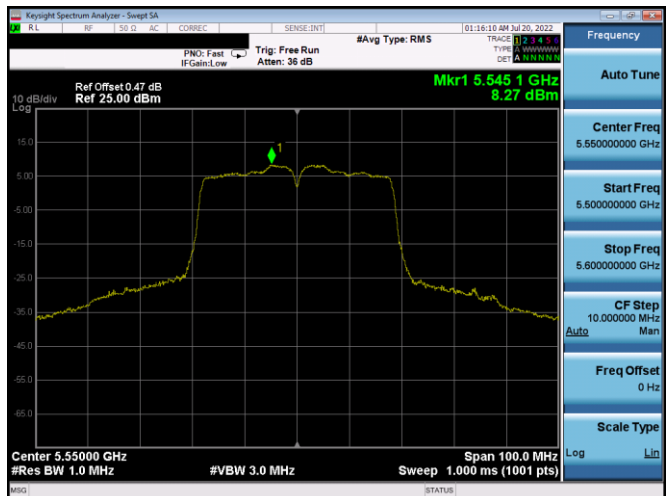
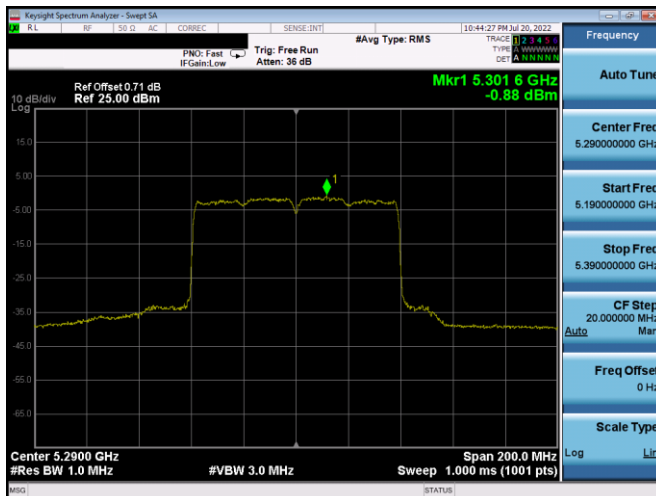
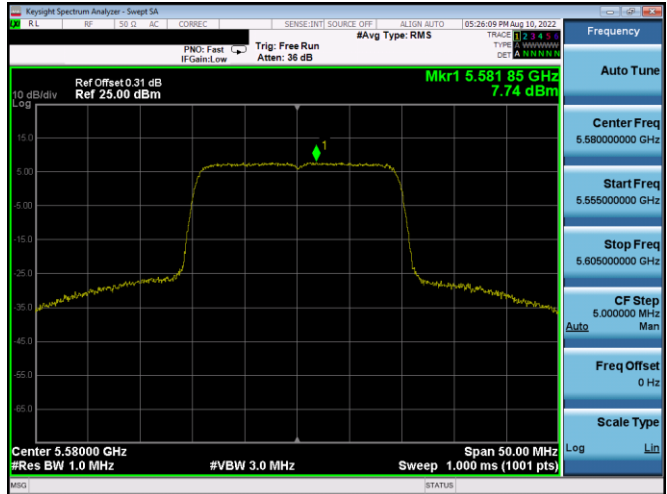
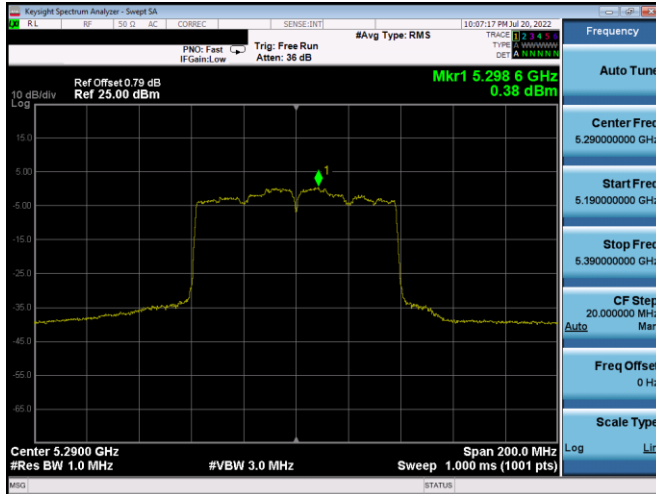


Plot 7-199. PSD Antenna 5b (20MHz BW 802.11n – Ch. 56, MCS4)

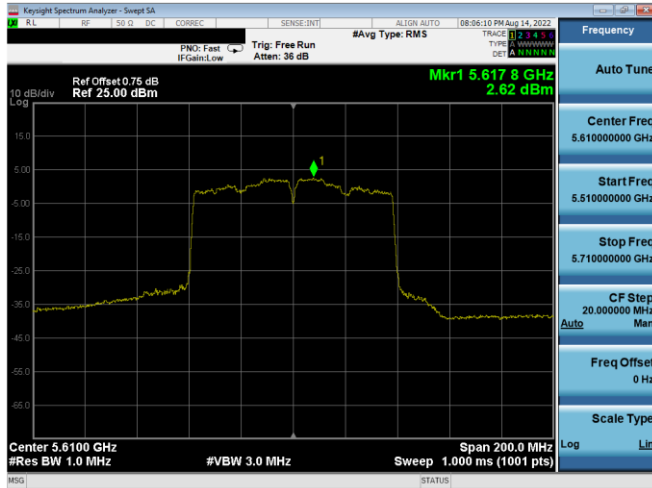


Plot 7-202. PSD Antenna 5b (40MHz BW 802.11ax(SU) – Ch. 54, MCS4)

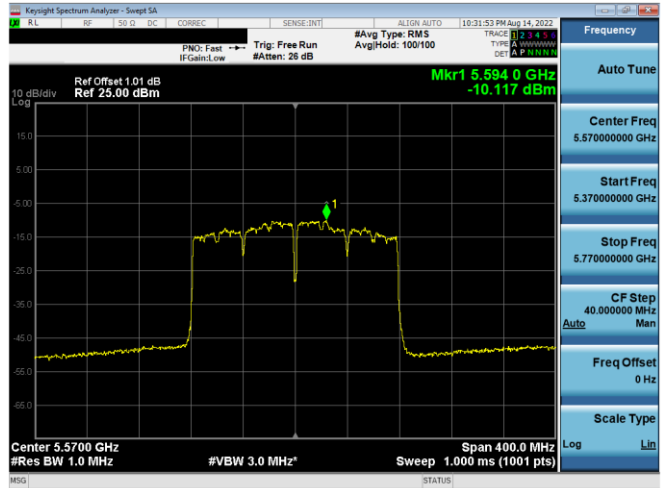
FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 105 of 389



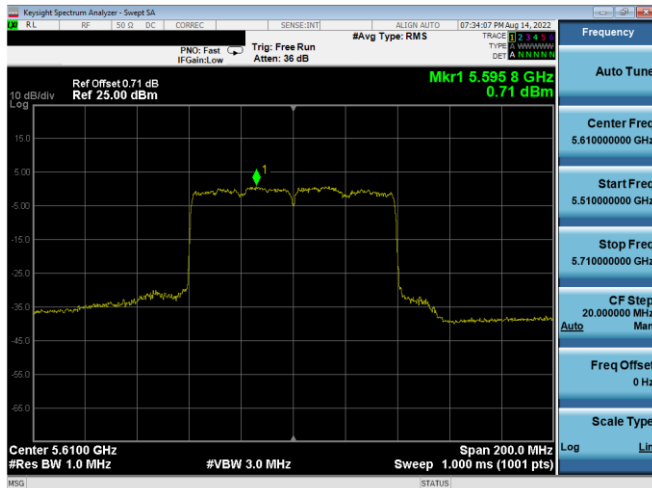
FCC ID: BCGA2435 IC: 579C-A2435	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 106 of 389



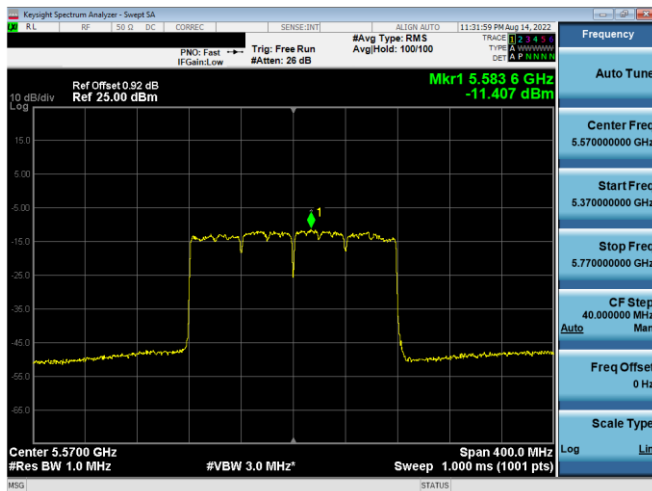
Plot 7-209. PSD Antenna 5b (80MHz BW 802.11ac – Ch. 122, MCS4)



Plot 7-212. PSD Antenna 5b (160MHz BW 802.11ax(SU) – Ch. 114, MCS4)



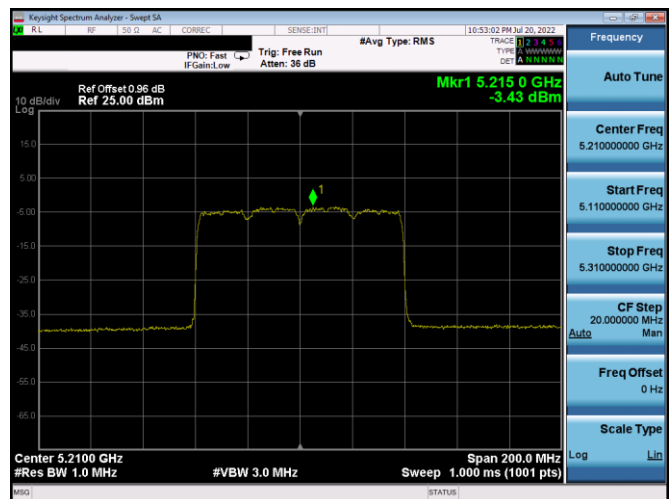
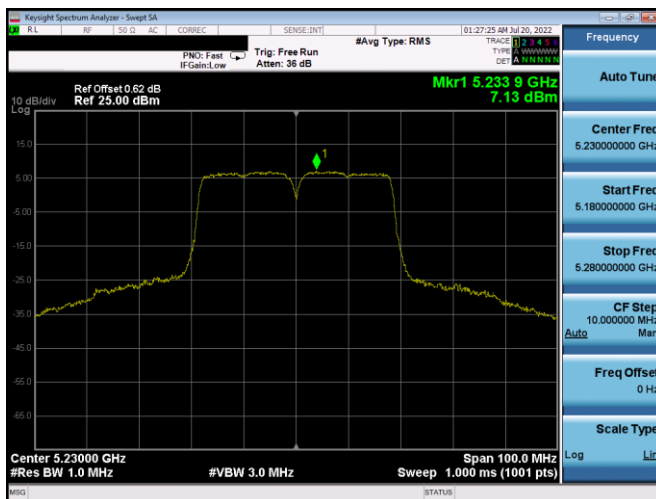
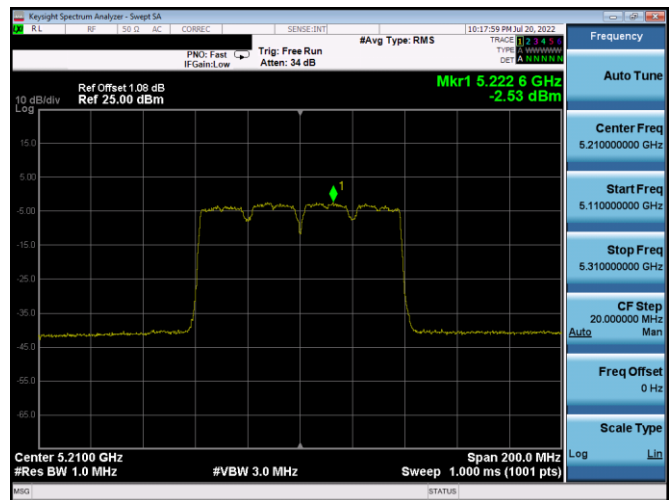
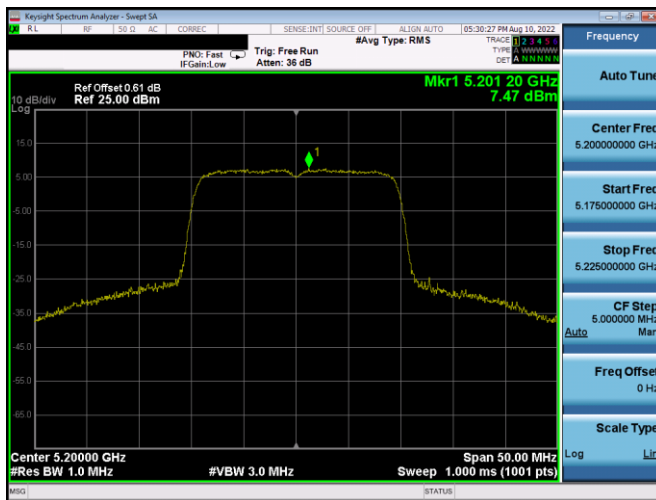
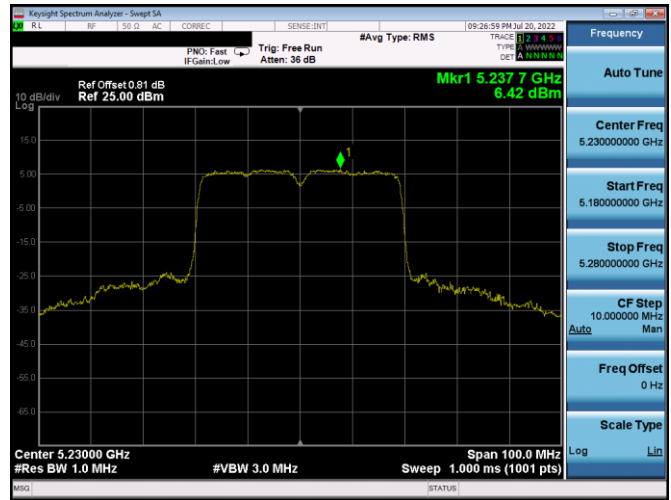
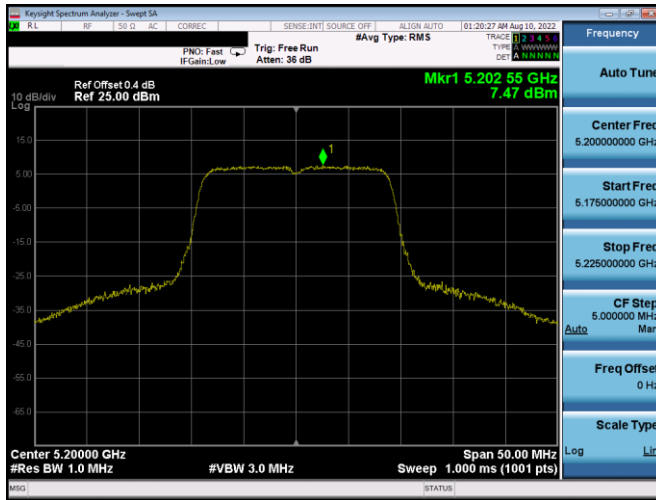
Plot 7-210. PSD Antenna 5b (80MHz BW 802.11ax(SU) – Ch. 122, MCS4)



Plot 7-211. PSD Antenna 5b (160MHz BW 802.11ax(SU) – Ch. 114, 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 107 of 389

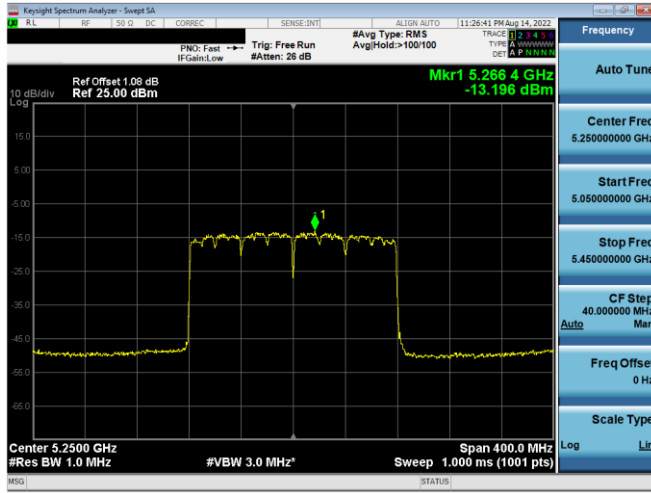
High Data Rate



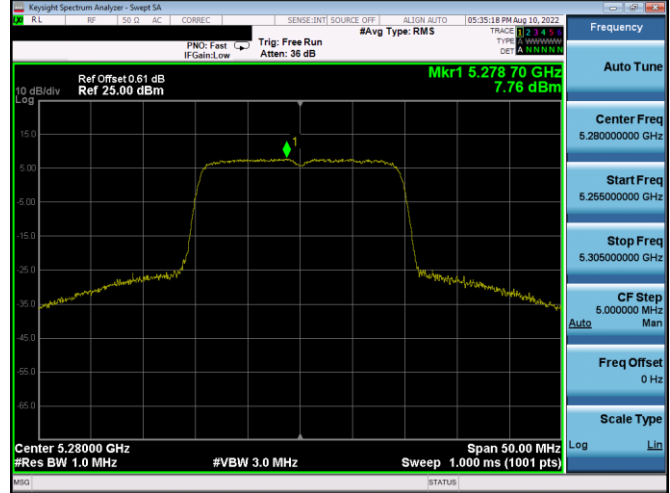
FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 108 of 389

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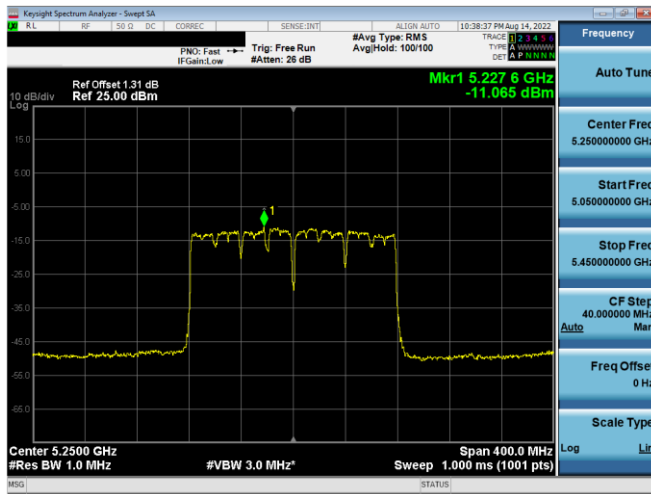
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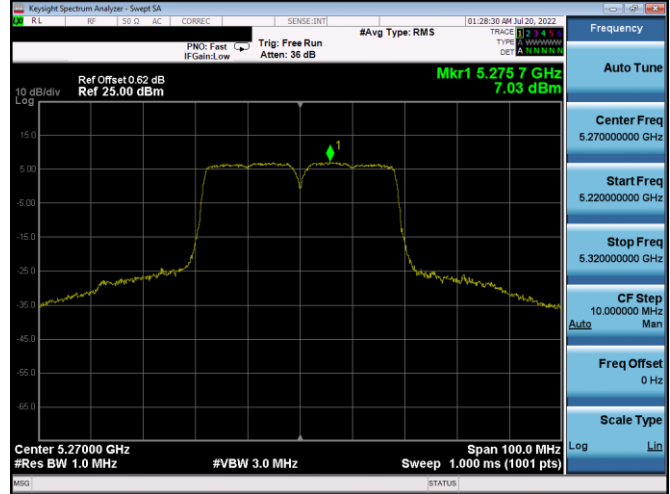
Plot 7-219. PSD Antenna 5b (160MHz BW 802.11ax(SU) – Ch. 50, MCS11)



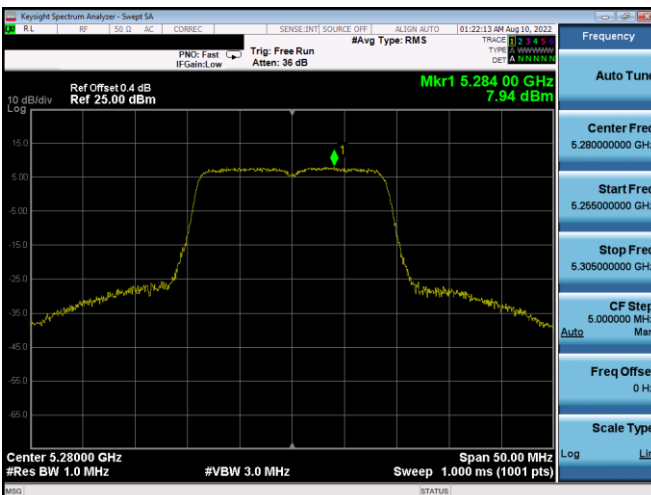
Plot 7-222. PSD Antenna 5b (20MHz BW 802.11ax(SU) – Ch. 56, MCS11)



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)

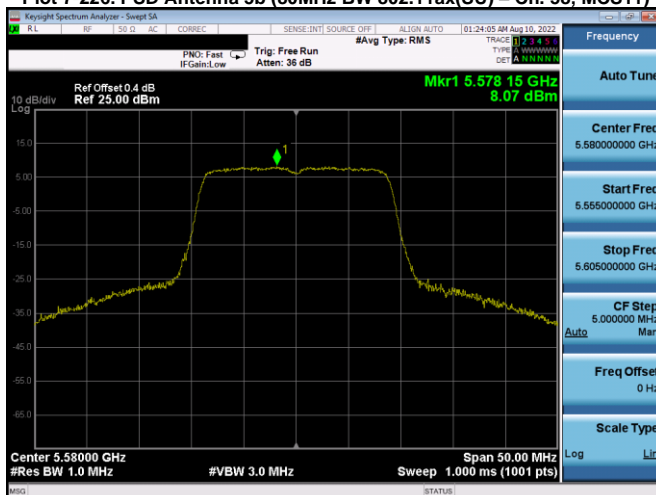
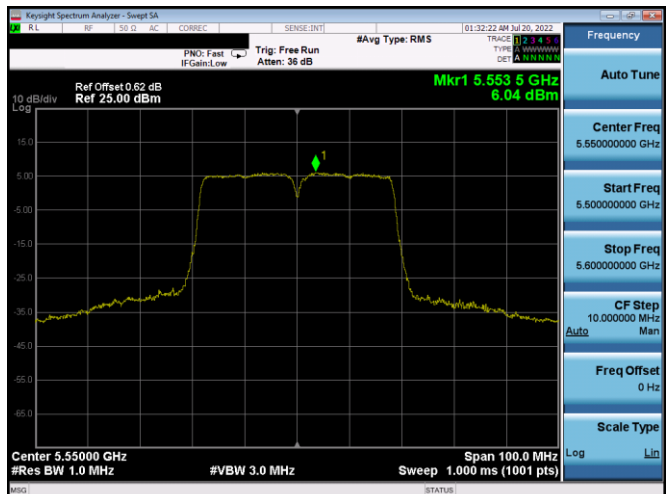
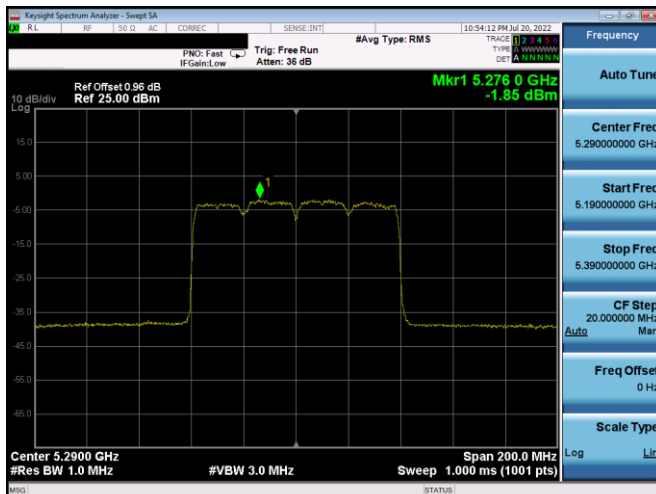
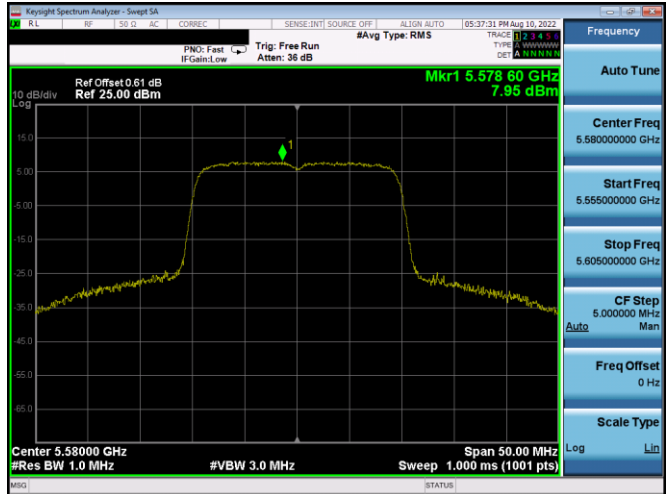
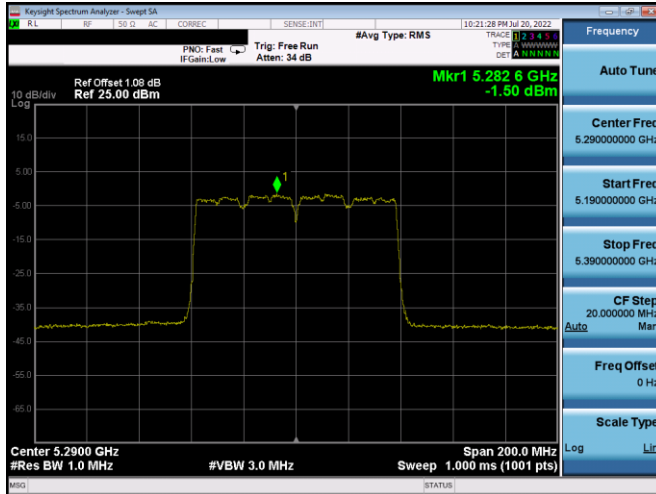


Plot 7-221. PSD Antenna 5b (20MHz BW 802.11n – Ch. 56, MCS7)

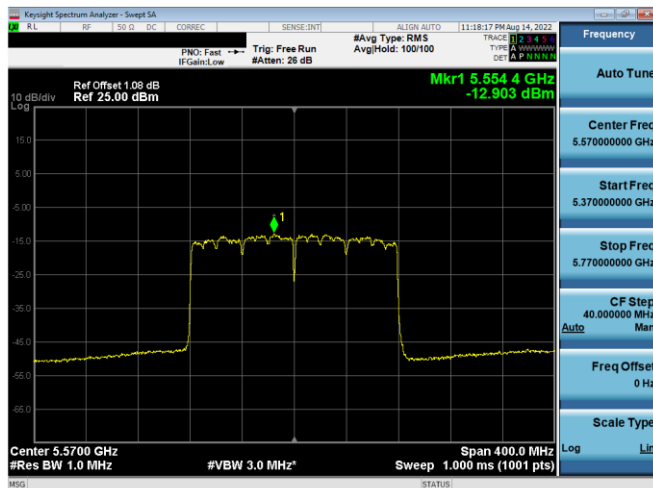


Plot 7-224. PSD Antenna 5b (40MHz BW 802.11ax(SU) – Ch. 54, MCS11)

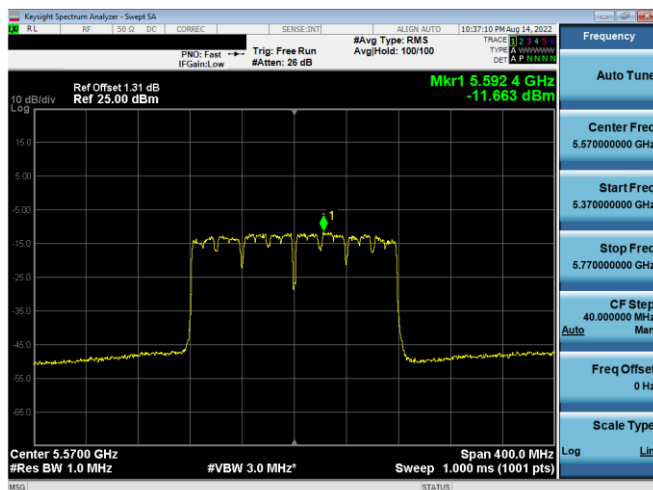
FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG			
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FCC ID: BCGA2435 IC: 579C-A2435	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 110 of 389



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 111 of 389

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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
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 112 of 389

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