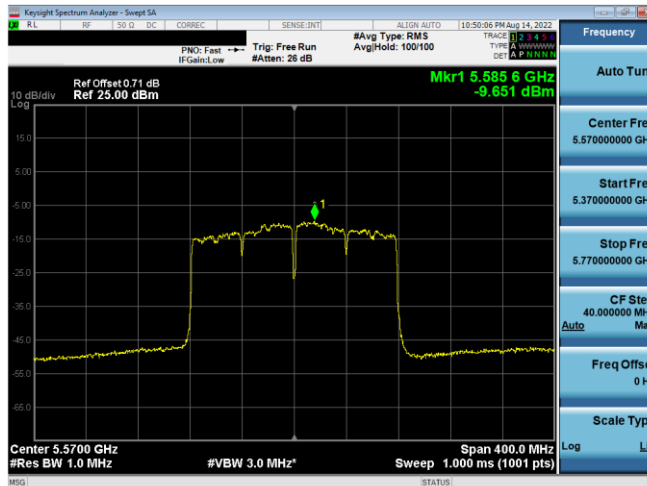
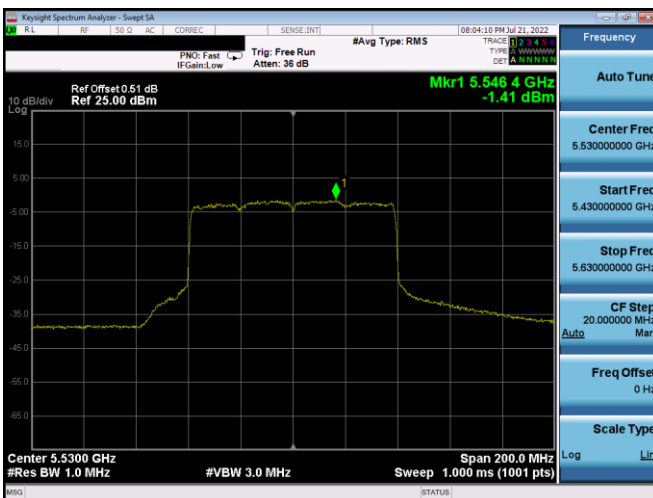


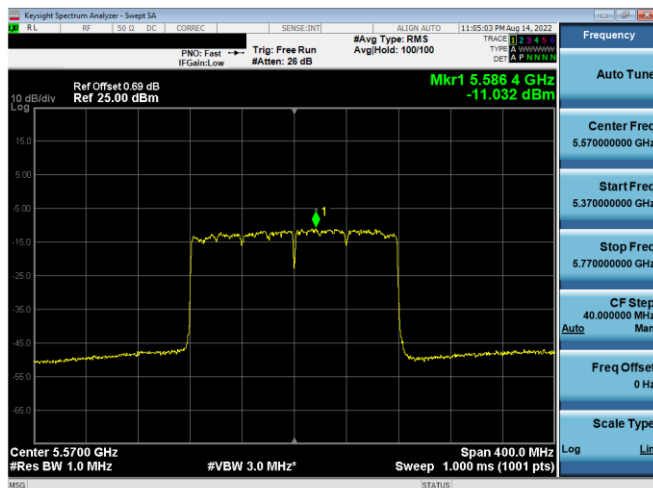
Plot 7-293. PSD Antenna 4a (80MHz BW 802.11ac – Ch. 122, MCS2



Plot 7-296. PSD Antenna 4a (160MHz BW 802.11ac – Ch. 114, MCS2



Plot 7-294. PSD Antenna 4a (80MHz BW 802.11ax(SU) – Ch. 122, MCS2



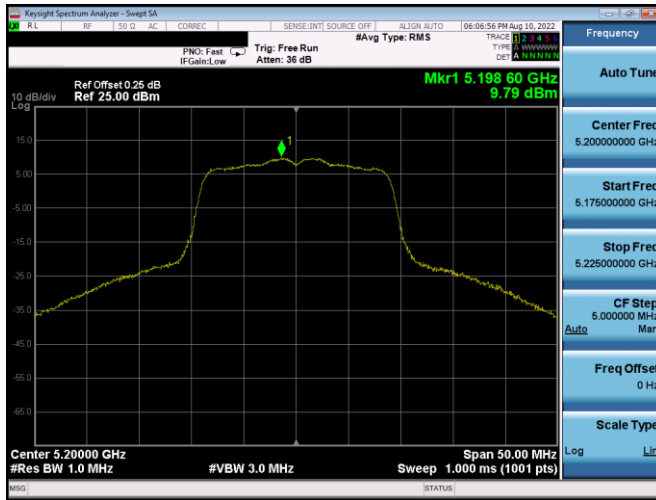
Plot 7-295. PSD Antenna 4a (160MHz BW 802.11ax(SU) – Ch. 114, MCS2

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 129 of 389

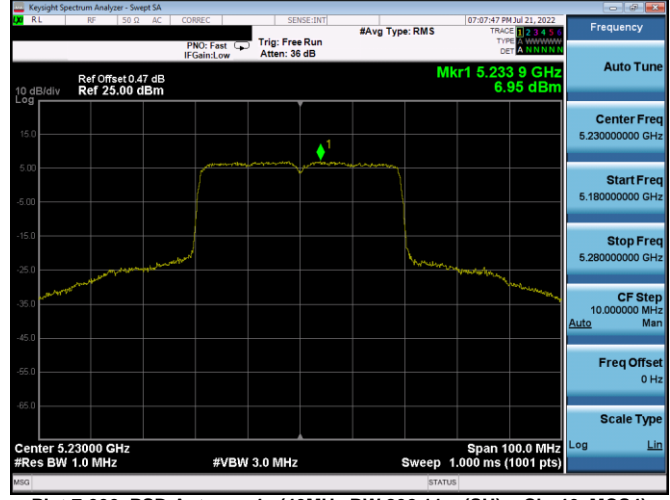
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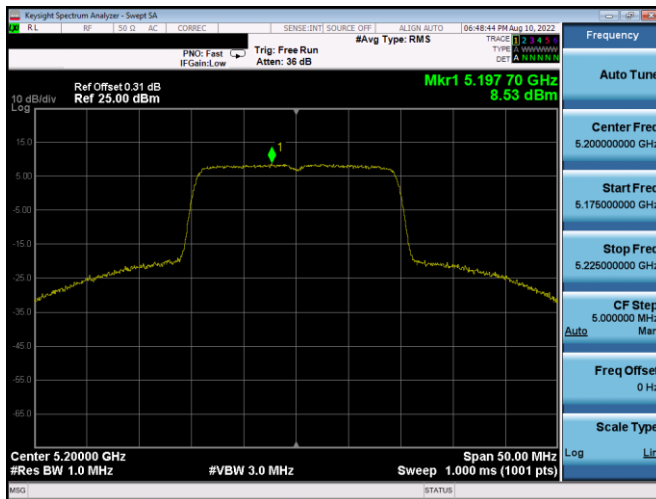
## Mid Data Rate



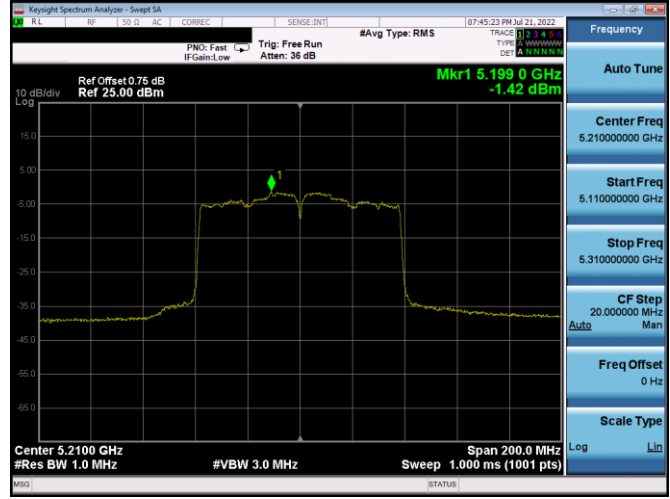
Plot 7-297. PSD Antenna 4a (20MHz BW 802.11n – Ch. 40, MCS4)



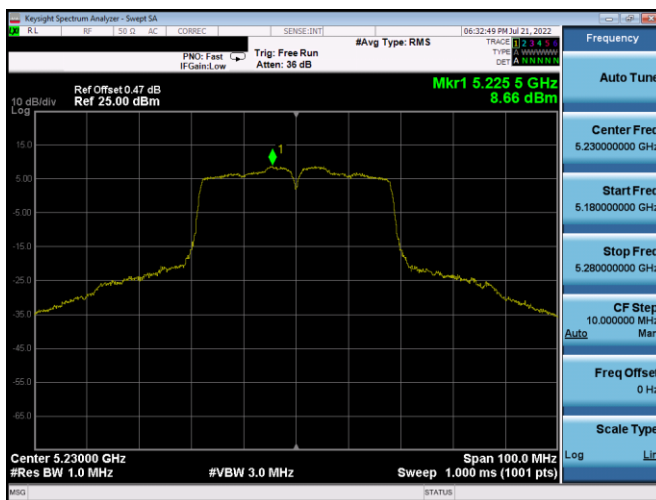
Plot 7-300. PSD Antenna 4a (40MHz BW 802.11ax(SU) – Ch. 46, MCS4)



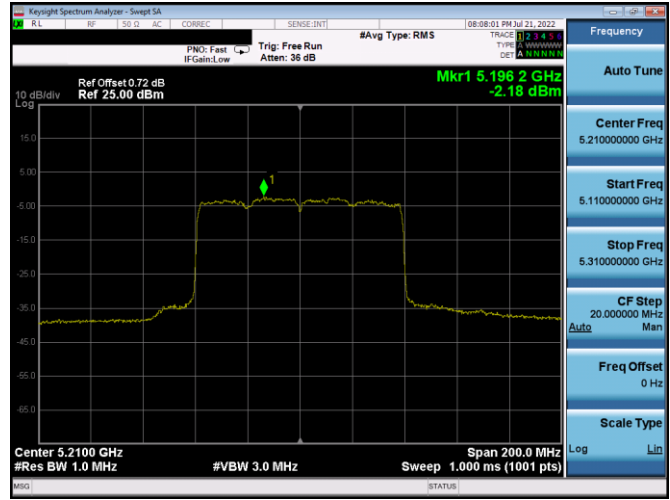
Plot 7-298. PSD Antenna 4a (20MHz BW 802.11ax(SU) – Ch. 40, MCS4)



Plot 7-301. PSD Antenna 4a (80MHz BW 802.11ac – Ch. 42, MCS4)



Plot 7-299. PSD Antenna 4a (40MHz BW 802.11n – Ch. 46, MCS4)

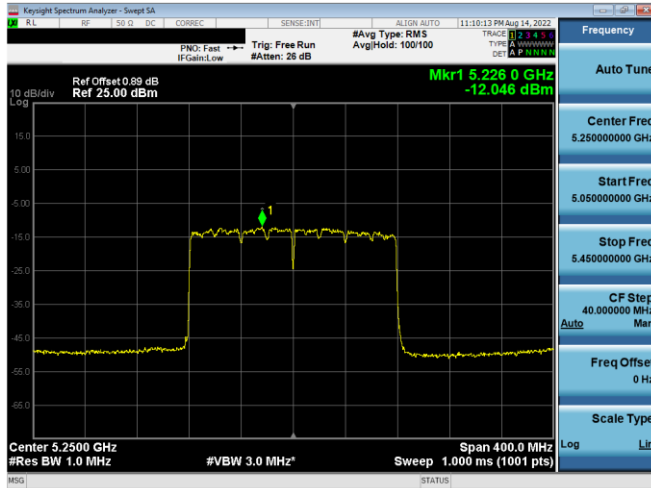


Plot 7-302. PSD Antenna 4a (80MHz BW 802.11ax(SU) – Ch. 42, MCS4)

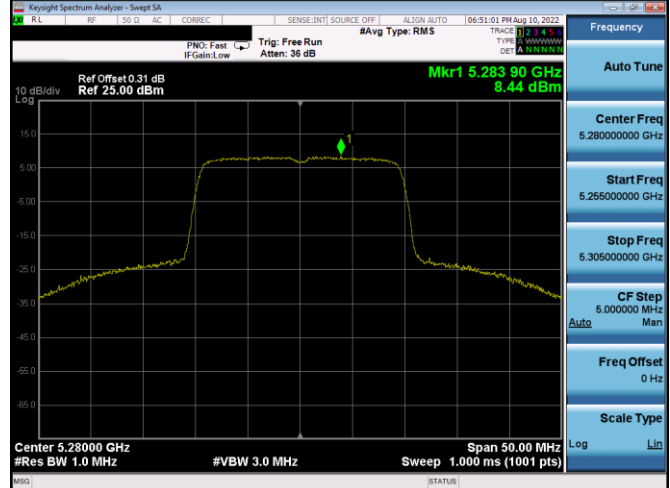
FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 130 of 389

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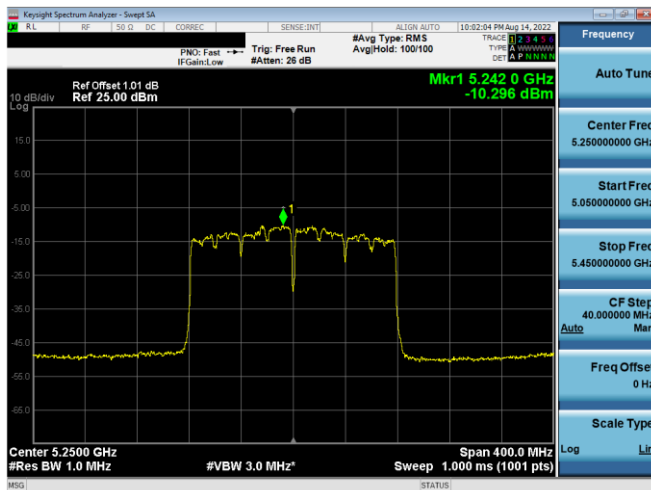
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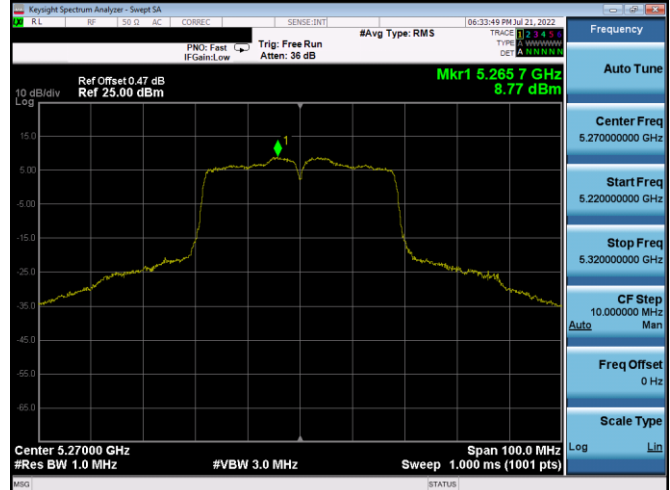
Plot 7-303. PSD Antenna 4a (160MHz BW 802.11ax(SU) – Ch. 50, MCS4)



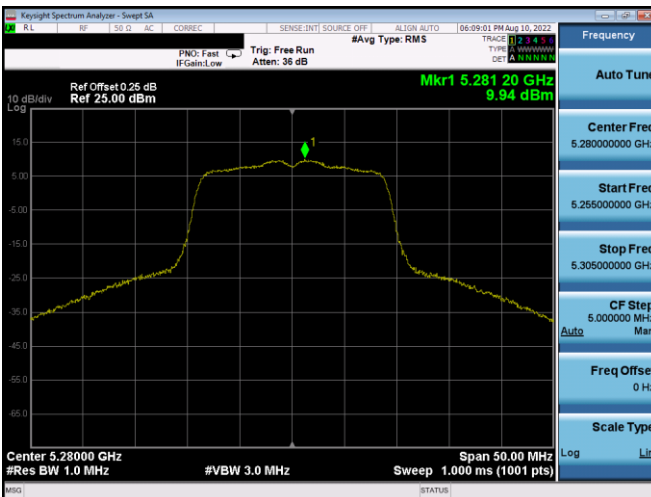
Plot 7-306. PSD Antenna 4a (20MHz BW 802.11ax(SU) – Ch. 56, MCS4)



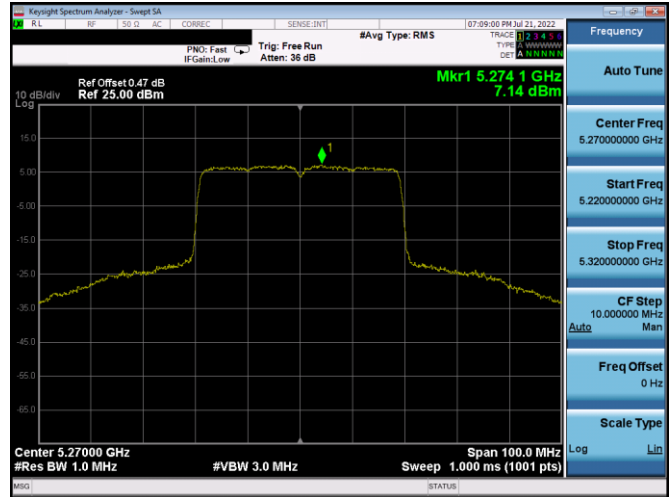
Plot 7-304. PSD Antenna 4a (160MHz BW 802.11ac – Ch. 50, MCS4)



Plot 7-307. PSD Antenna 4a (40MHz BW 802.11n – Ch. 54, MCS4)

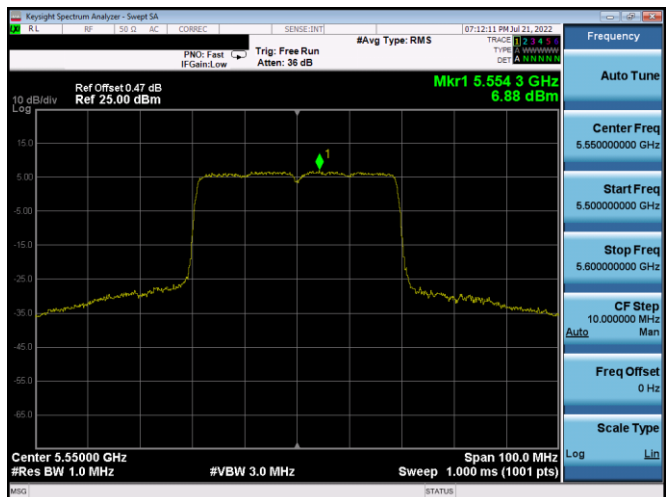
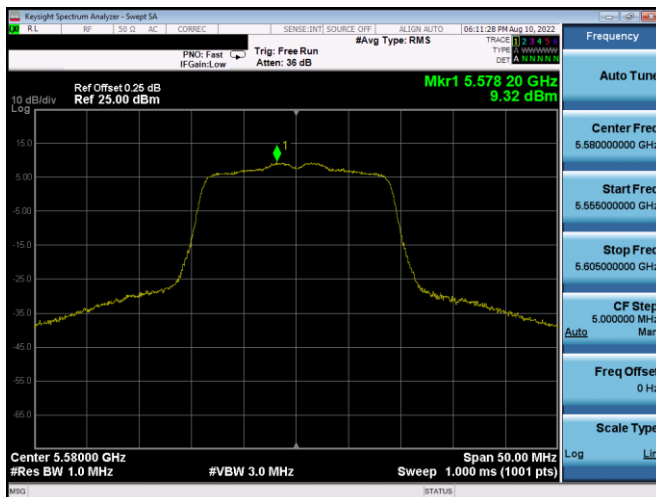
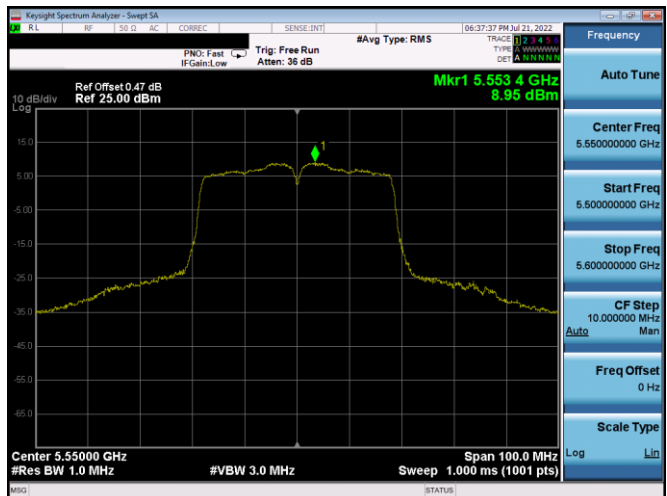
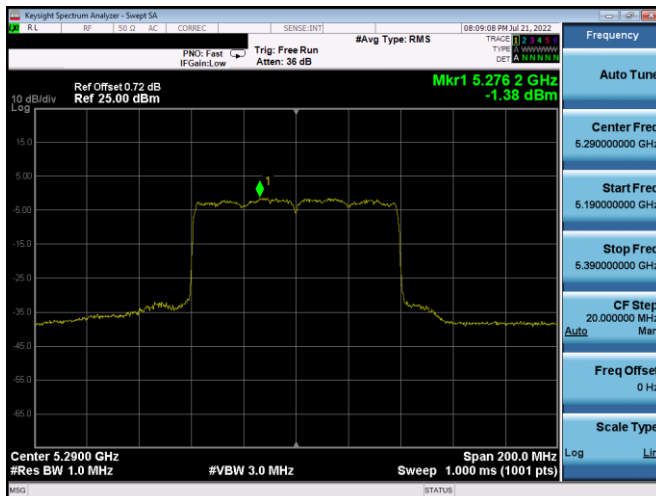
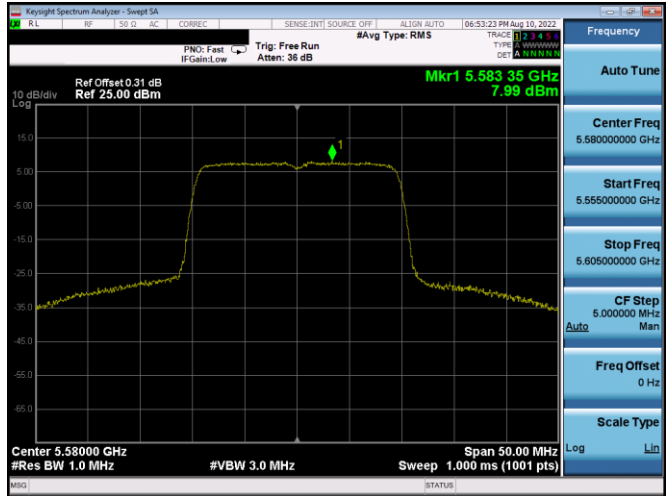
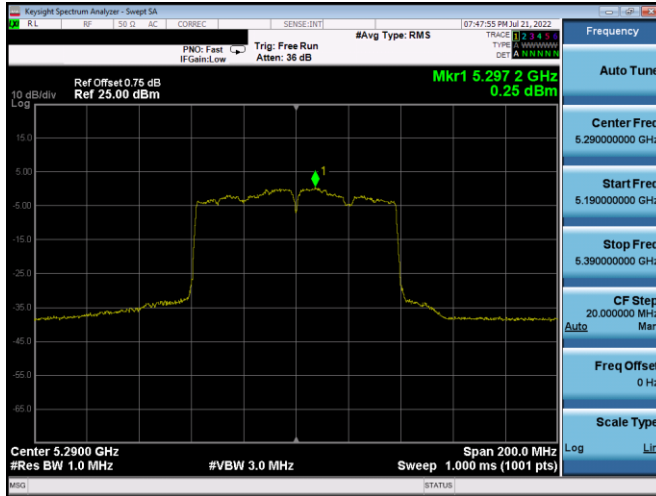


Plot 7-305. PSD Antenna 4a (20MHz BW 802.11n – Ch. 56, MCS4)

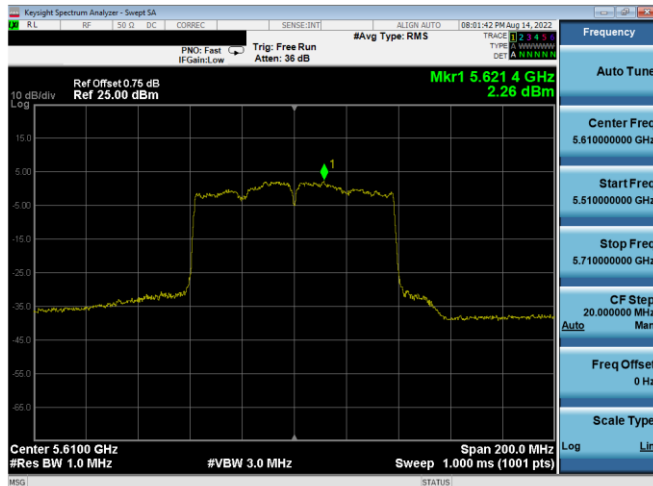


Plot 7-308. PSD Antenna 4a (40MHz BW 802.11ax(SU) – Ch. 54, MCS4)

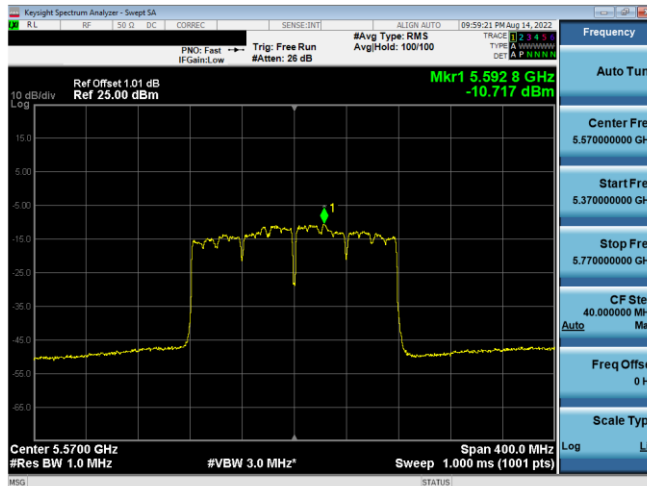
FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 131 of 389



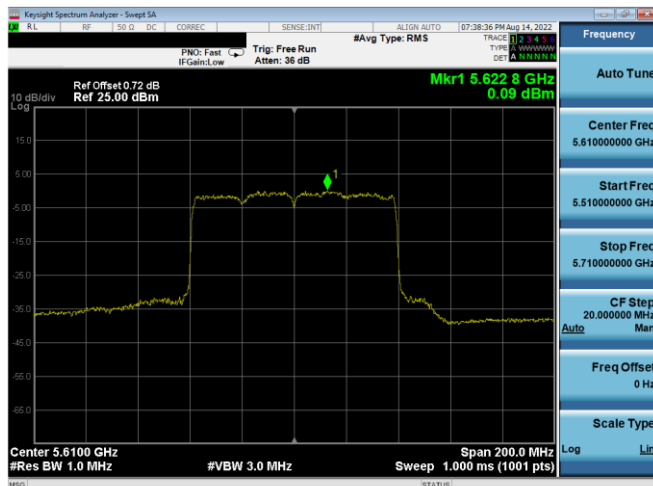
FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 132 of 389



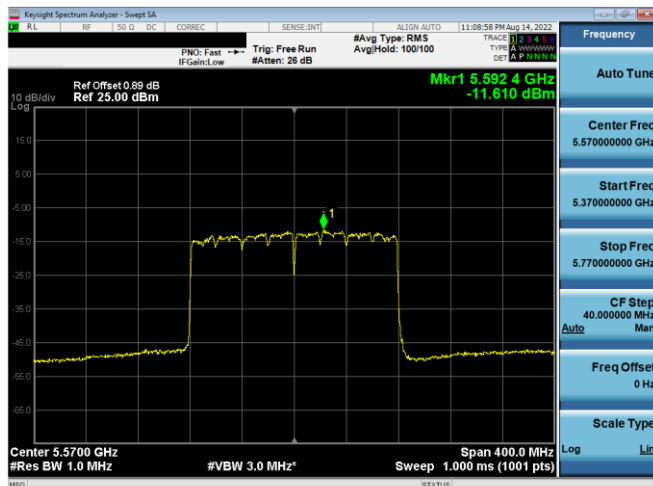
Plot 7-315. PSD Antenna 4a (80MHz BW 802.11ac – Ch. 122, MCS4)



Plot 7-318. PSD Antenna 4a (160MHz BW 802.11ac – Ch. 114, MCS2)



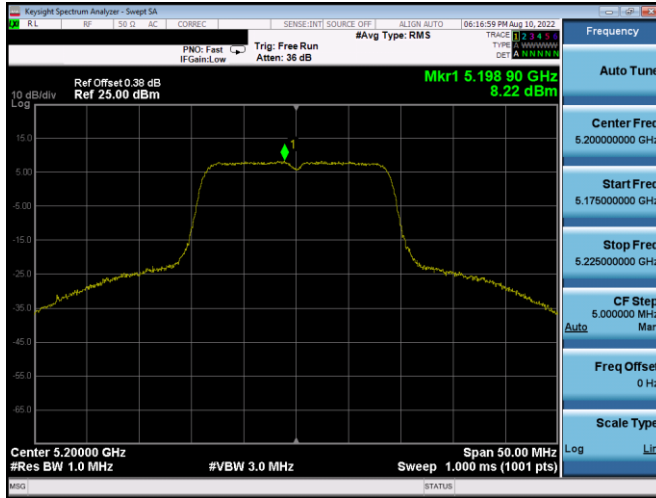
Plot 7-316. PSD Antenna 4a (80MHz BW 802.11ax(SU) – Ch. 122, MCS4)



Plot 7-317. PSD Antenna 4a (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 133 of 389

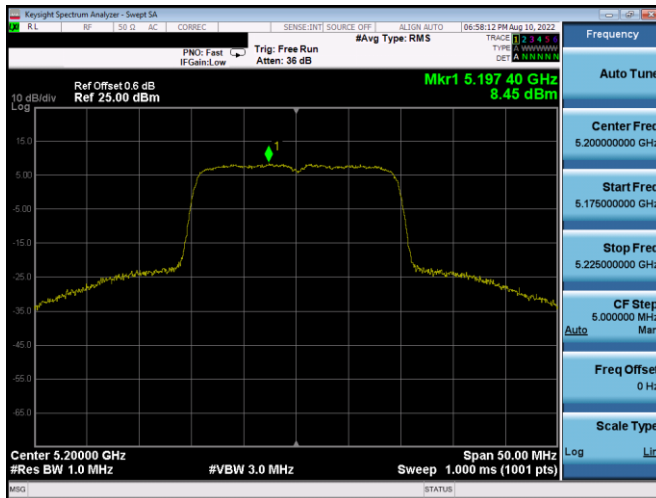
## High Data Rate



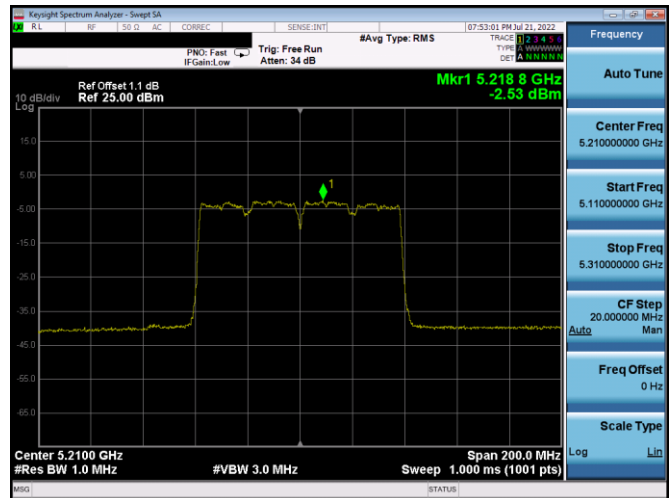
Plot 7-319. PSD Antenna 4a (20MHz BW 802.11n – Ch. 40, MCS7)



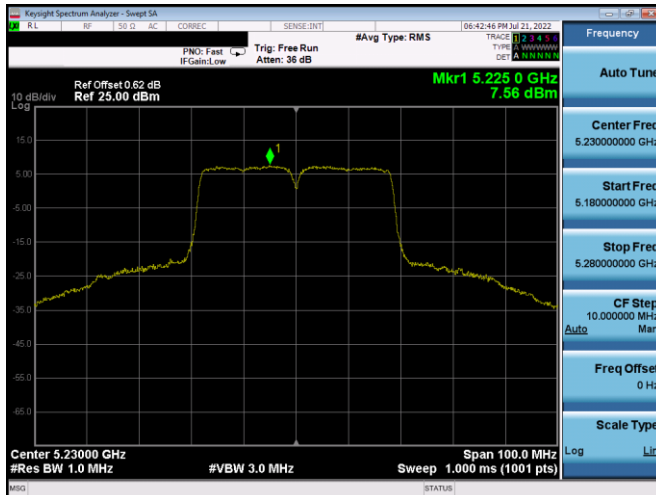
Plot 7-322. PSD Antenna 4a (40MHz BW 802.11ax(SU) – Ch. 46, MCS11)



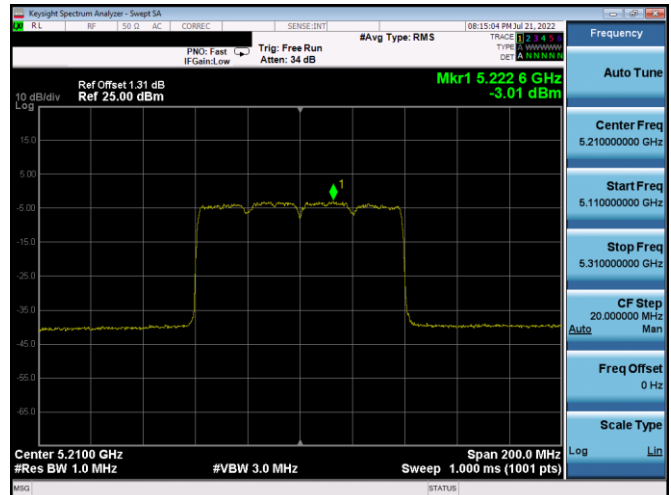
Plot 7-320. PSD Antenna 4a (20MHz BW 802.11ax(SU) – Ch. 40, MCS11)



Plot 7-323. PSD Antenna 4a (80MHz BW 802.11ac – Ch. 42, MCS9)



Plot 7-321. PSD Antenna 4a (40MHz BW 802.11n – Ch. 46, MCS7)



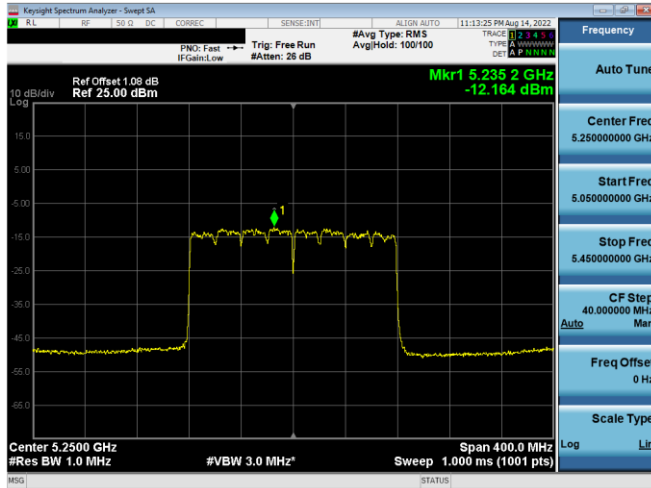
Plot 7-324. PSD Antenna 4a (80MHz BW 802.11ax(SU) – Ch. 42, MCS11)

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 134 of 389

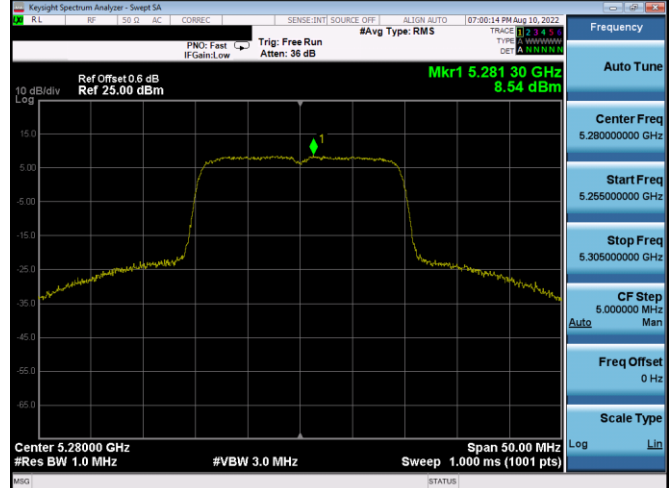
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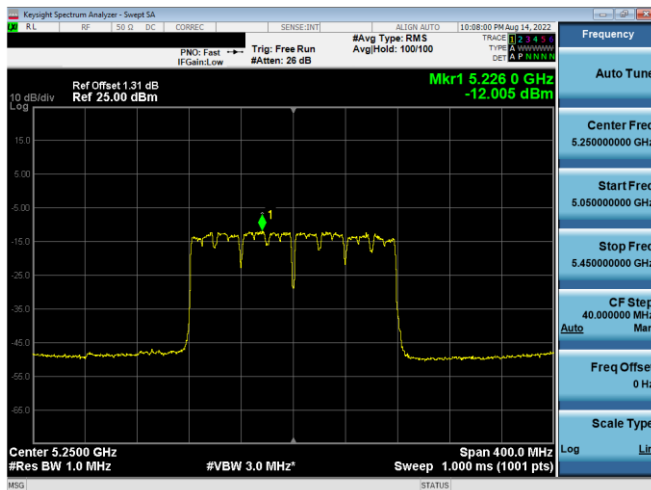




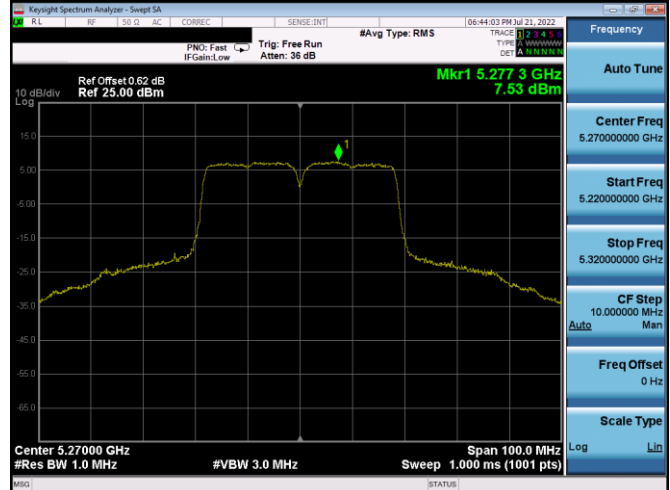
Plot 7-325. PSD Antenna 4a (160MHz BW 802.11ax(SU) – Ch. 50, MCS11)



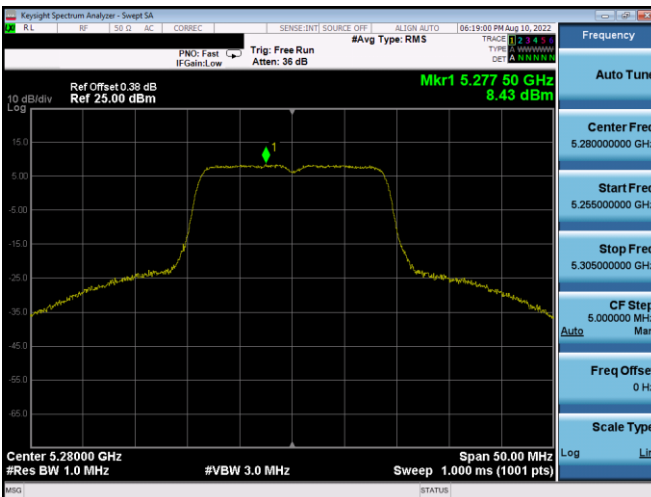
Plot 7-328. PSD Antenna 4a (20MHz BW 802.11ax(SU) – Ch. 56, MCS11)



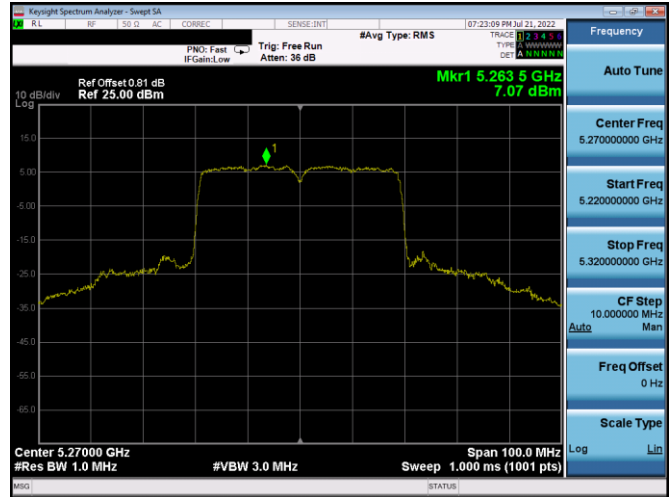
Plot 7-326. PSD Antenna 4a (160MHz BW 802.11ac – Ch. 50, MCS9)



Plot 7-329. PSD Antenna 4a (40MHz BW 802.11n – Ch. 54, MCS7)

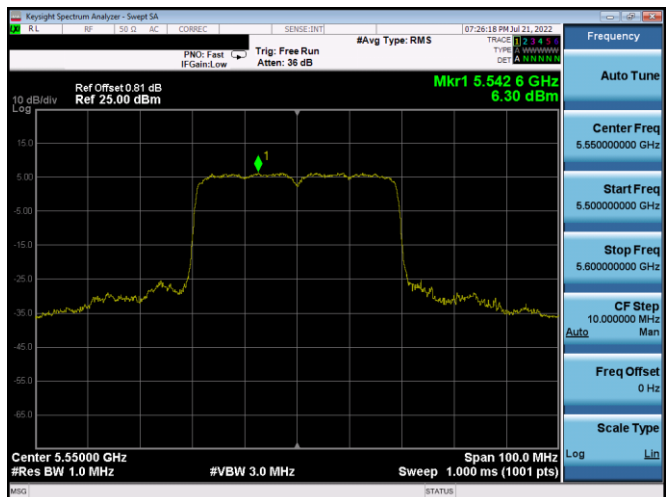
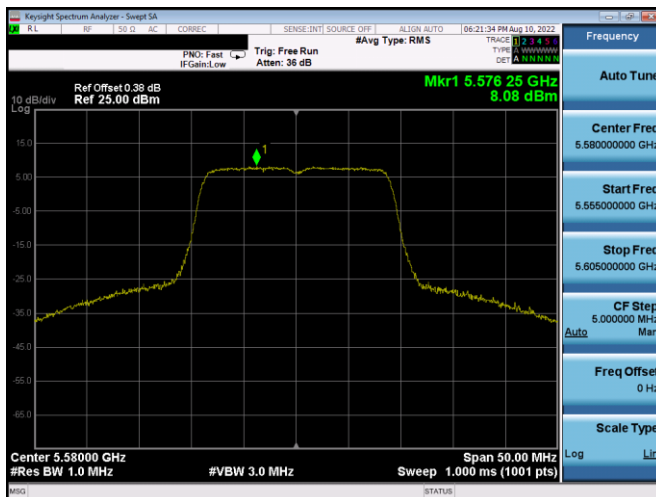
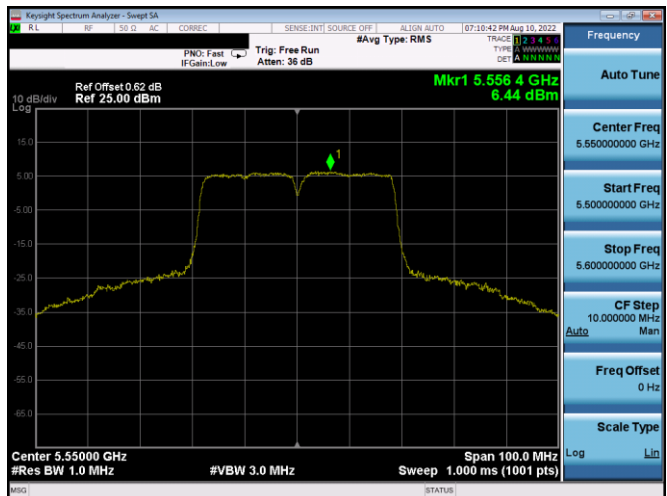
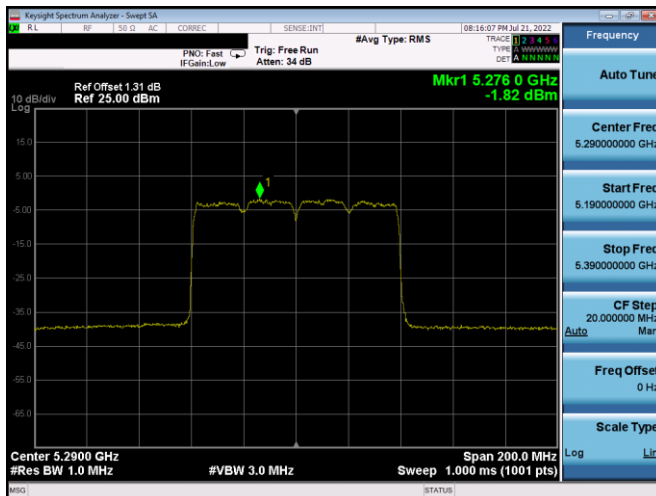
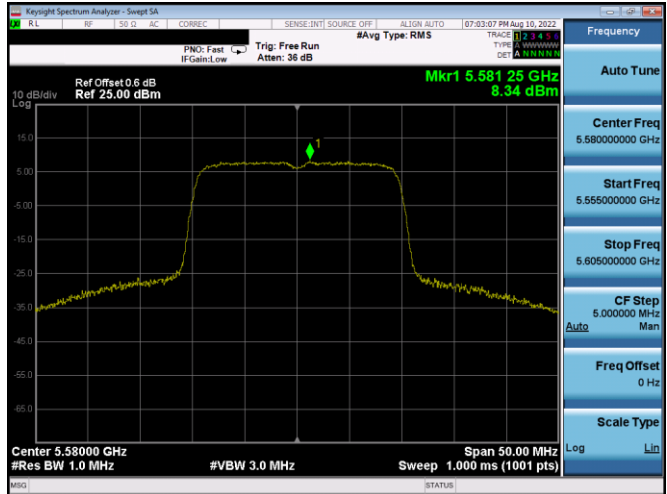
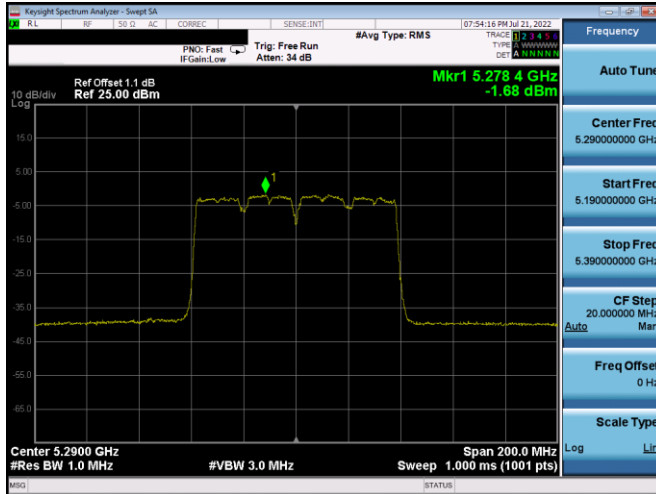


Plot 7-327. PSD Antenna 4a (20MHz BW 802.11n – Ch. 56, MCS7)



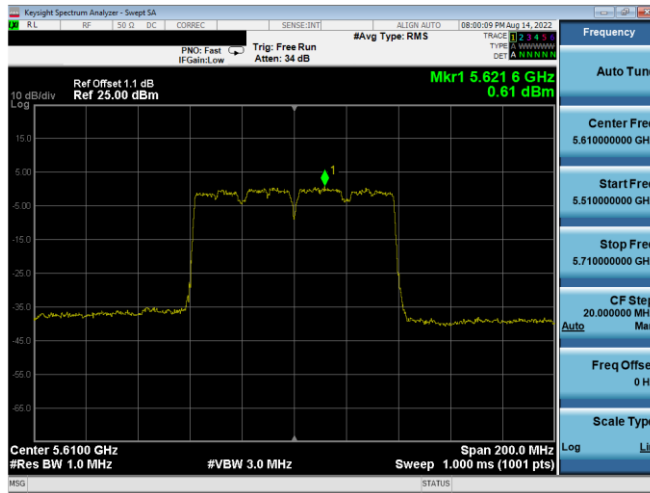
Plot 7-330. PSD Antenna 4a (40MHz BW 802.11ax(SU) – Ch. 54, MCS11)

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 135 of 389

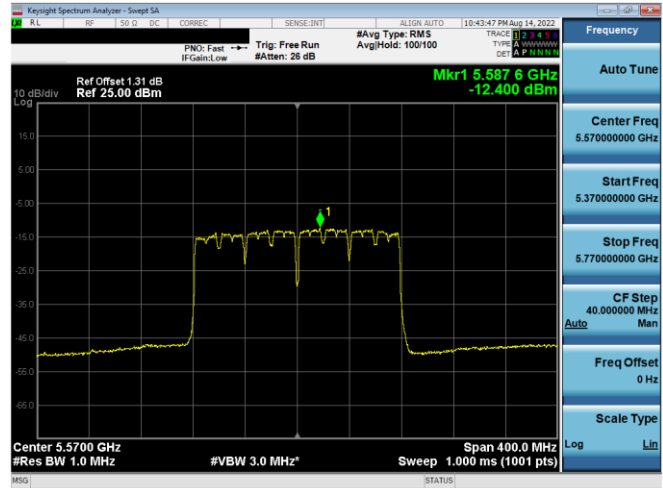


FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 136 of 389

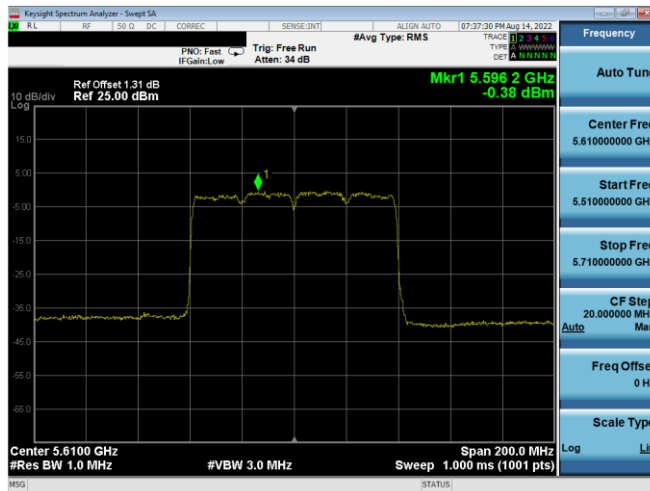




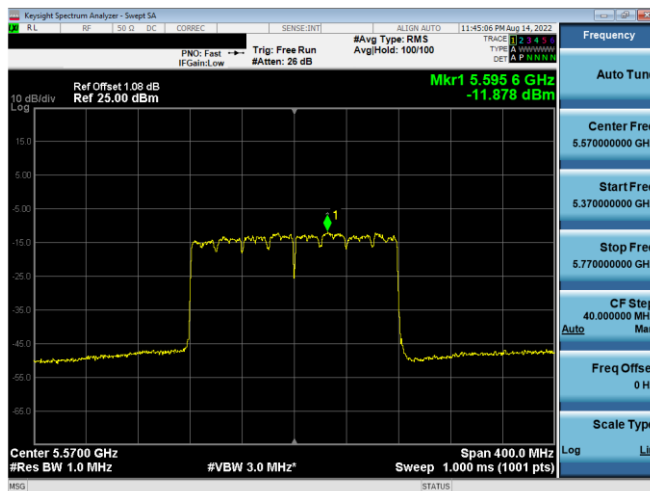
Plot 7-337. PSD Antenna 4a (80MHz BW 802.11ac – Ch. 122, MCS9)



Plot 7-340. PSD Antenna 4a (160MHz BW 802.11ac – Ch. 114, MCS9)



Plot 7-338. PSD Antenna 4a (80MHz BW 802.11ax(SU) – Ch. 122, MCS11)



Plot 7-339. PSD Antenna 4a (160MHz BW 802.11ax(SU) – Ch. 114, 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 137 of 389

	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)	6.99	30.0	-23.01
	5785	157	n (20MHz)	19.5/21.7 (MCS2)	6.81	30.0	-23.19
	5825	165	n (20MHz)	19.5/21.7 (MCS2)	6.90	30.0	-23.10
	5745	149	ax (SU) (20MHz)	24/25.8 (MCS2)	5.57	30.0	-24.43
	5785	157	ax (SU) (20MHz)	24/25.8 (MCS2)	5.61	30.0	-24.39
	5825	165	ax (SU) (20MHz)	24/25.8 (MCS2)	5.50	30.0	-24.50
	5755	151	n (40MHz)	40.5/45 (MCS2)	5.16	30.0	-24.84
	5795	159	n (40MHz)	40.5/45 (MCS2)	5.14	30.0	-24.86
	5755	151	ax (SU) (40MHz)	49/51.6 (MCS2)	4.73	30.0	-25.27
	5795	159	ax (SU) (40MHz)	49/51.6 (MCS2)	4.67	30.0	-25.33
	5775	155	ac (80MHz)	87.8/97.5 (MCS2)	2.20	30.0	-27.80
	5775	155	ax (SU) (80MHz)	102/108.1 (MCS2)	0.22	30.0	-29.78

**Table 7-128. Band 3 Power Spectral Density Measurements Antenna 4a (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)	7.77	30.0	-22.23
	5785	157	n (20MHz)	39/43.3 (MCS4)	7.95	30.0	-22.05
	5825	165	n (20MHz)	39/43.3 (MCS4)	7.81	30.0	-22.19
	5745	149	ax (SU) (20MHz)	49/51.6 (MCS4)	6.36	30.0	-23.64
	5785	157	ax (SU) (20MHz)	49/51.6 (MCS4)	6.70	30.0	-23.31
	5825	165	ax (SU) (20MHz)	49/51.6 (MCS4)	6.53	30.0	-23.47
	5755	151	n (40MHz)	81/90 (MCS4)	6.40	30.0	-23.60
	5795	159	n (40MHz)	81/90 (MCS4)	6.08	30.0	-23.92
	5755	151	ax (SU) (40MHz)	98/103.2 (MCS4)	5.17	30.0	-24.83
	5795	159	ax (SU) (40MHz)	98/103.2 (MCS4)	5.03	30.0	-24.97
	5775	155	ac (80MHz)	175.5/195 (MCS4)	2.38	30.0	-27.62
	5775	155	ax (SU) (80MHz)	204/216.2 (MCS4)	0.25	30.0	-29.75

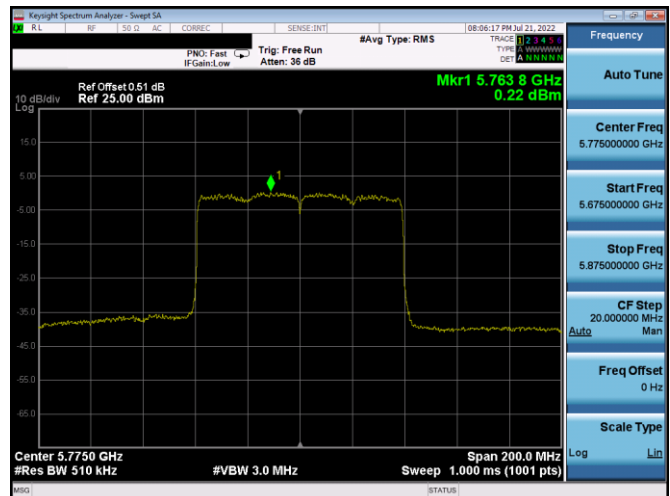
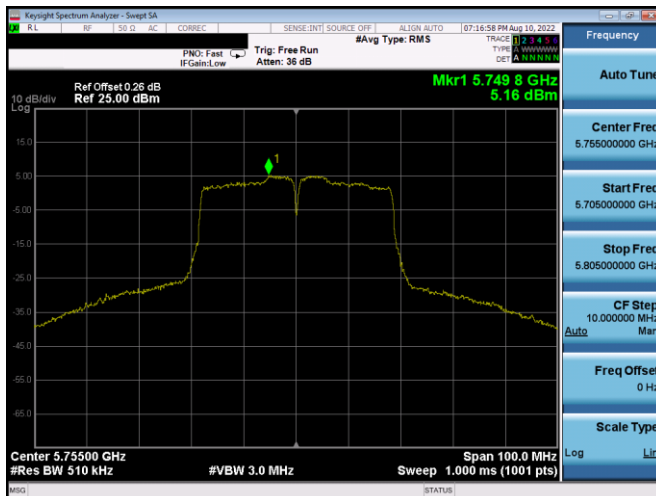
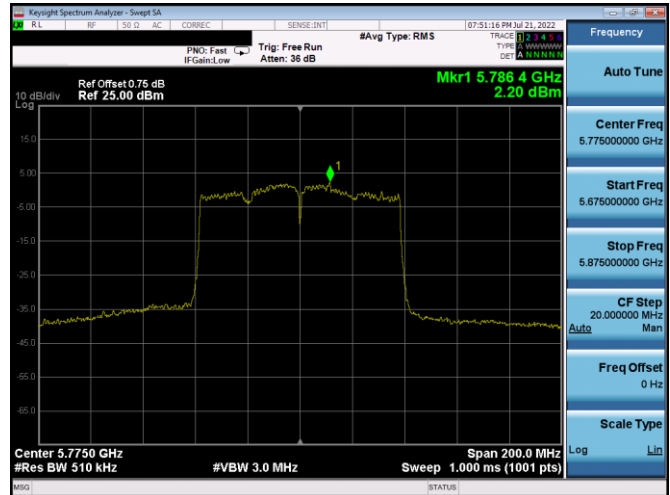
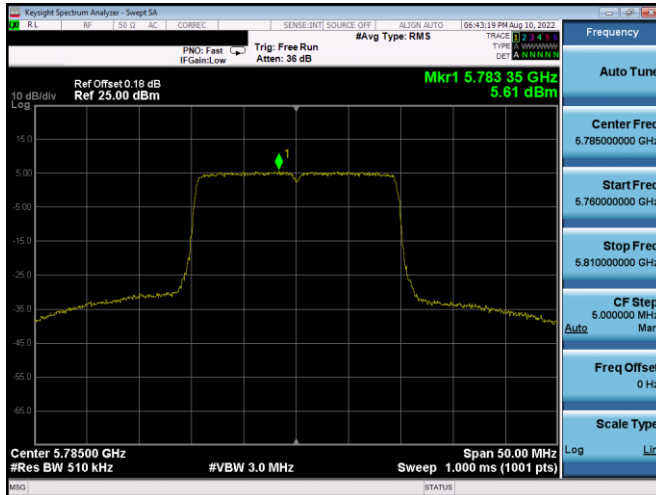
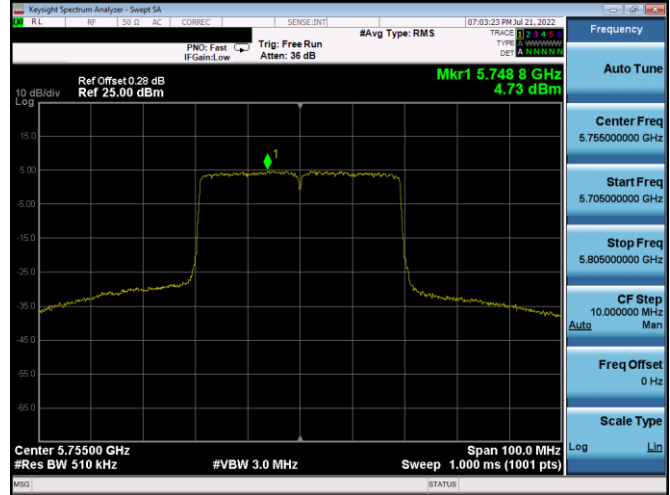
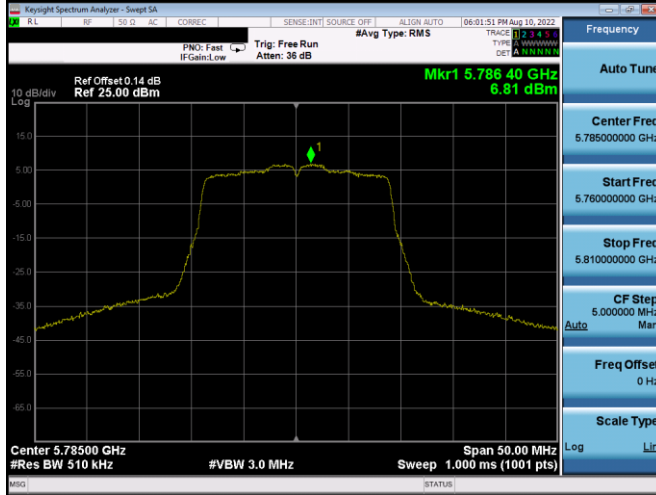
**Table 7-129. Band 3 Power Spectral Density Measurements Antenna 4a (Mid Data Rate)**

	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)	6.08	30.0	-23.93
	5785	157	n (20MHz)	65/72.2 (MCS7)	5.82	30.0	-24.18
	5825	165	n (20MHz)	65/72.2 (MCS7)	6.91	30.0	-23.09
	5745	149	ax (SU) (20MHz)	135/143.4 (MCS11)	6.55	30.0	-23.45
	5785	157	ax (SU) (20MHz)	135/143.4 (MCS11)	6.24	30.0	-23.76
	5825	165	ax (SU) (20MHz)	135/143.4 (MCS11)	6.87	30.0	-23.13
	5755	151	n (40MHz)	135/150 (MCS7)	4.49	30.0	-25.51
	5795	159	n (40MHz)	135/150 (MCS7)	5.21	30.0	-24.79
	5755	151	ax (SU) (40MHz)	271/286.8 (MCS11)	5.53	30.0	-24.47
	5795	159	ax (SU) (40MHz)	271/286.8 (MCS11)	5.49	30.0	-24.51
	5775	155	ac (80MHz)	390/433.3 (MCS9)	0.16	30.0	-29.84
	5775	155	ax (SU) (80MHz)	567/600.5 (MCS11)	-0.62	30.0	-30.62

**Table 7-130. Band 3 Power Spectral Density Measurements Antenna 4a (High Data Rate)**

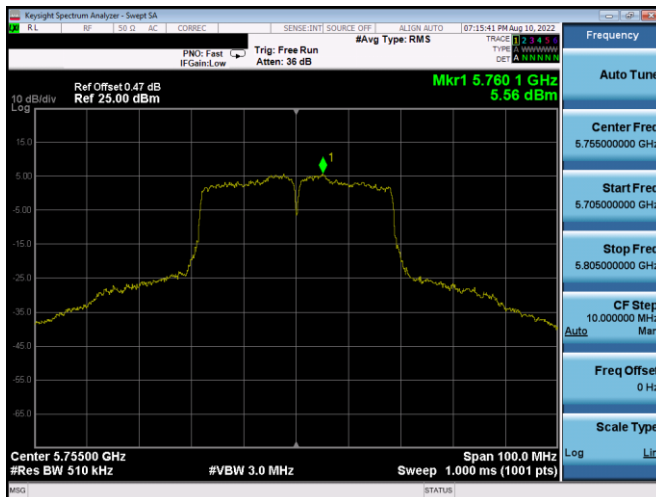
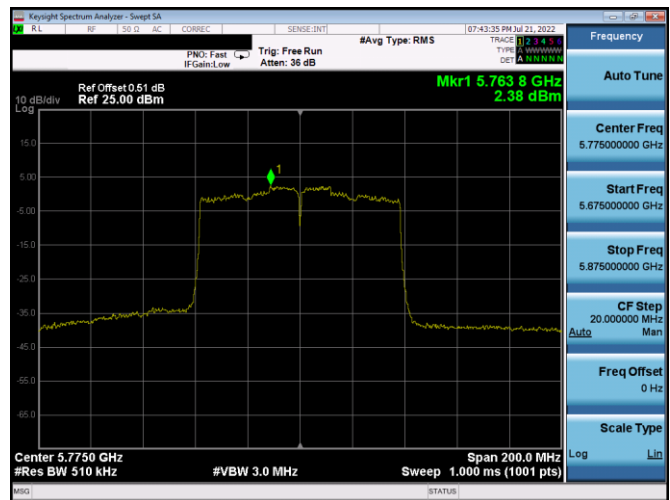
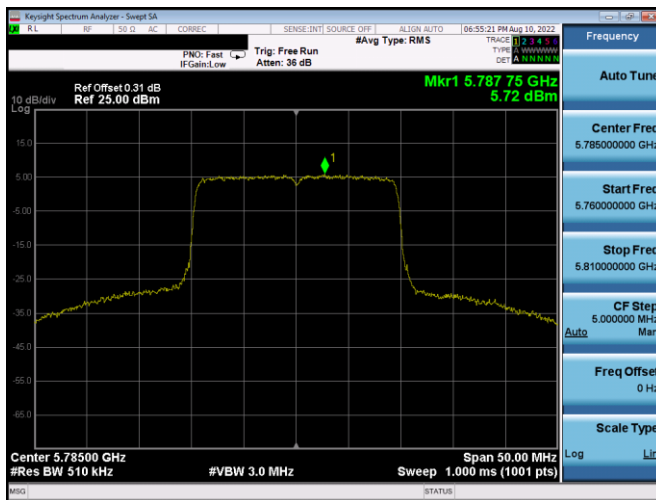
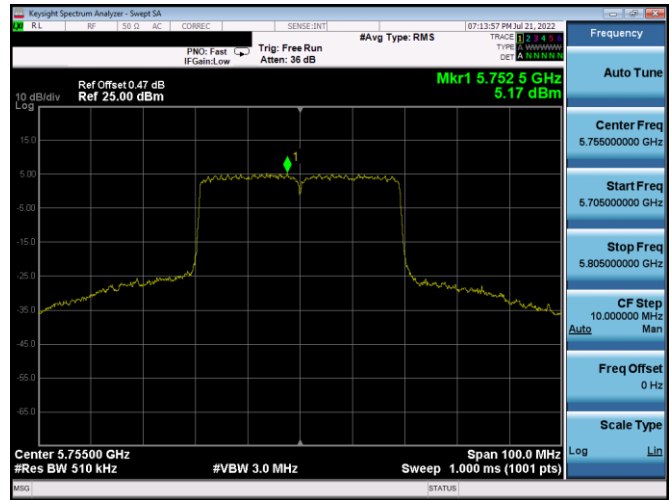
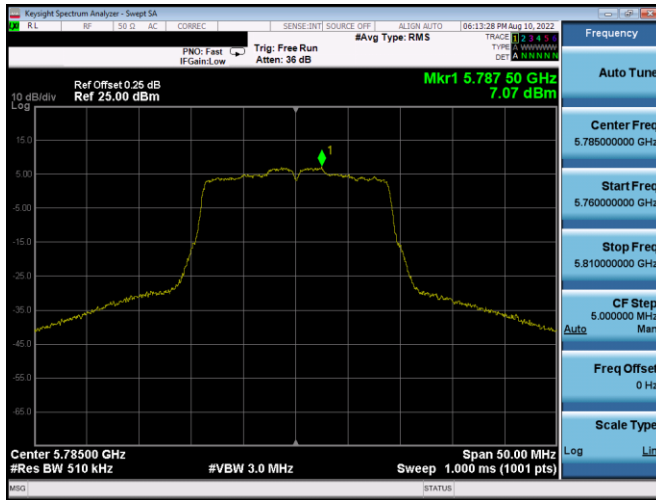
FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 138 of 389

## Low Date Rate



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 139 of 389

## Mid Data Rate



FCC ID: BCGA2435 IC: 579C-A2435	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 140 of 389

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