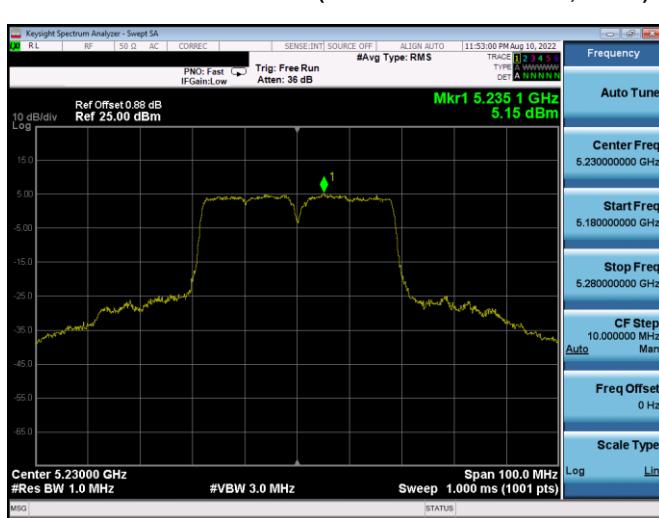
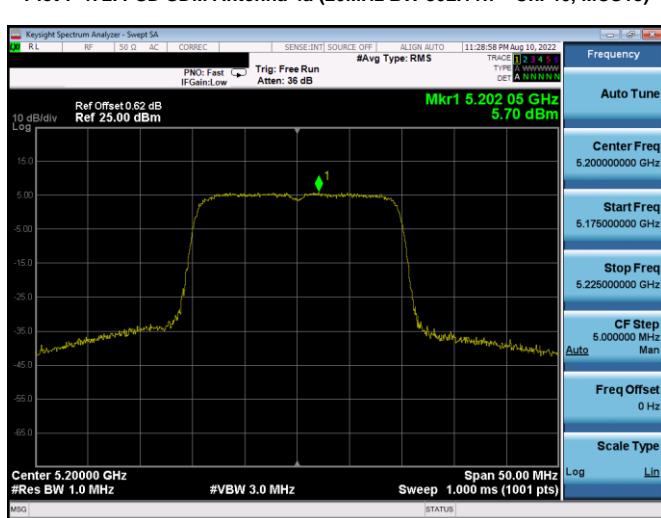
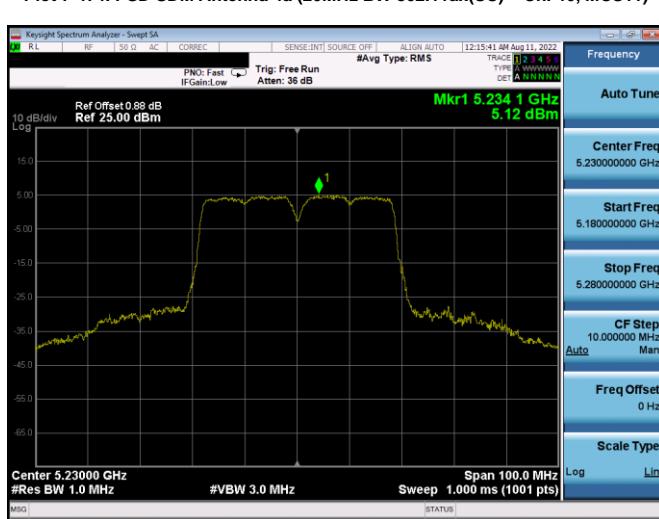
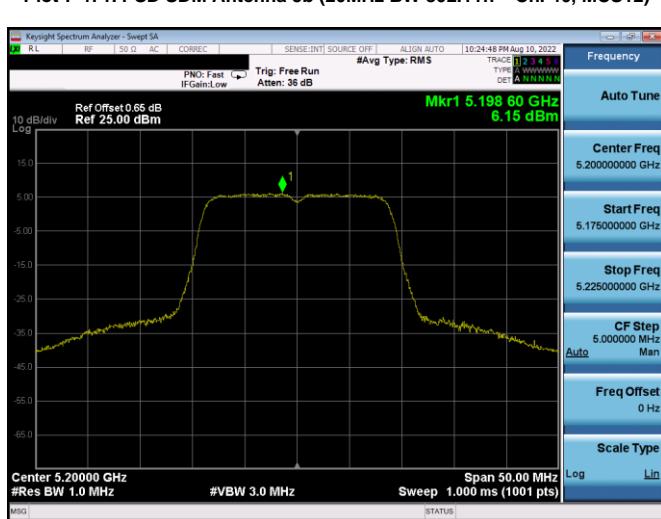
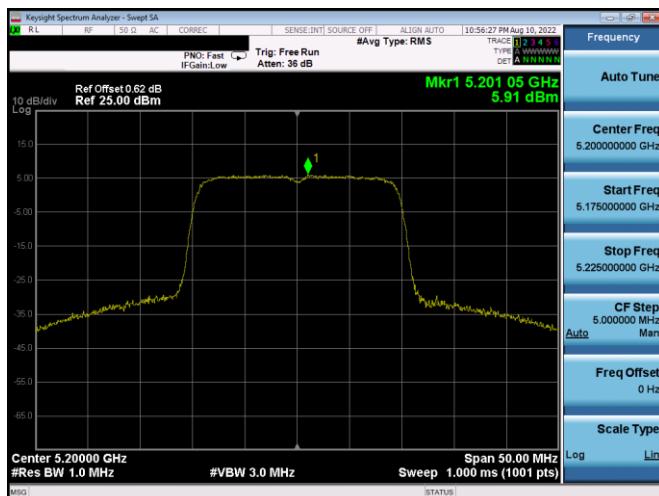
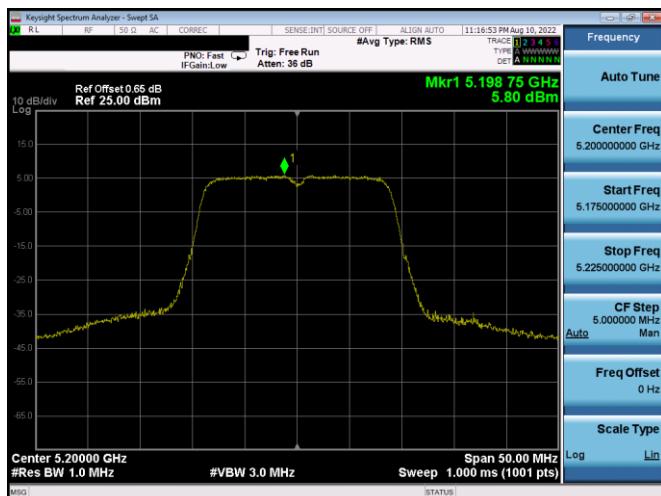
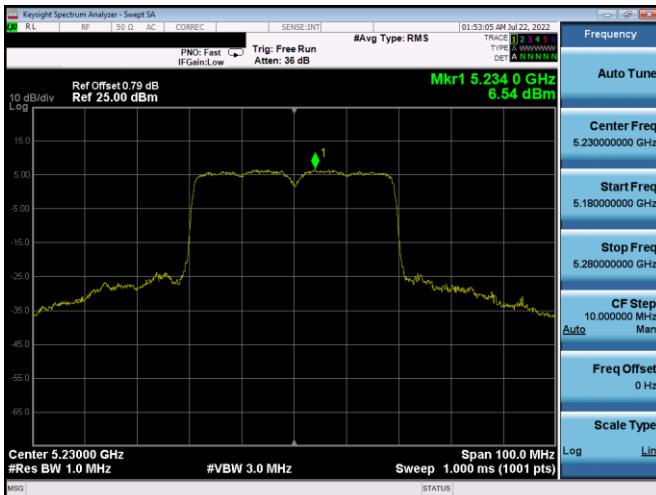


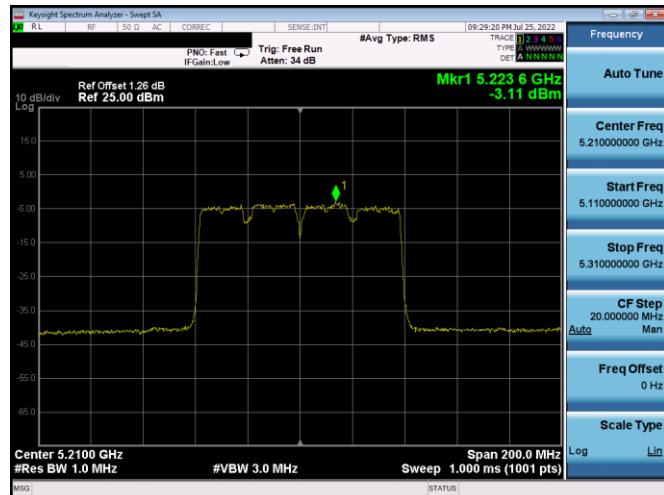
High Data Rate



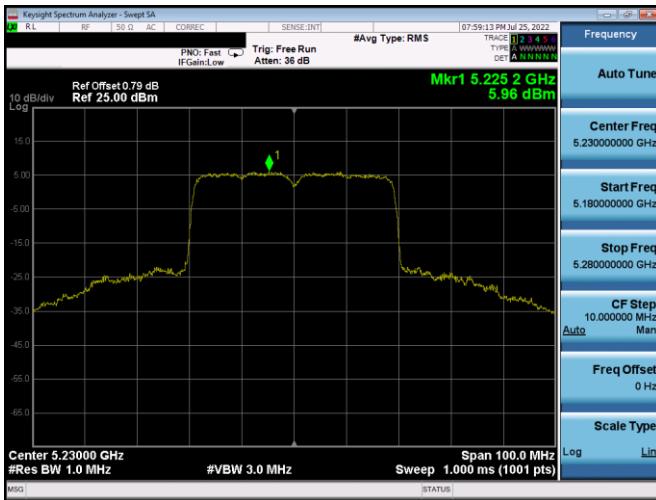
FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 168 of 389



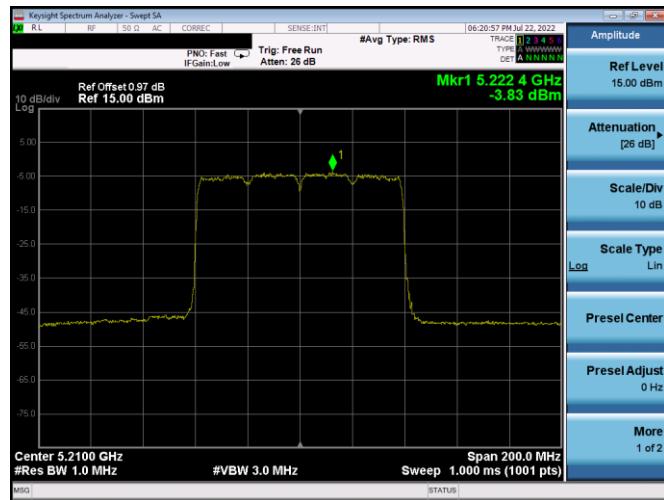
Plot 7-477. PSD CDD Antenna 5b (40MHz BW 802.11ax(SU) – Ch. 46, MCS11)



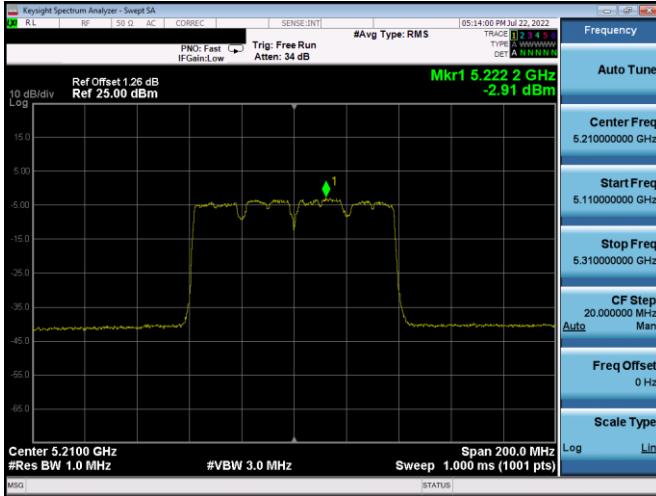
Plot 7-480. PSD CDD Antenna 4a (80MHz BW 802.11ac – Ch. 42, MCS5)



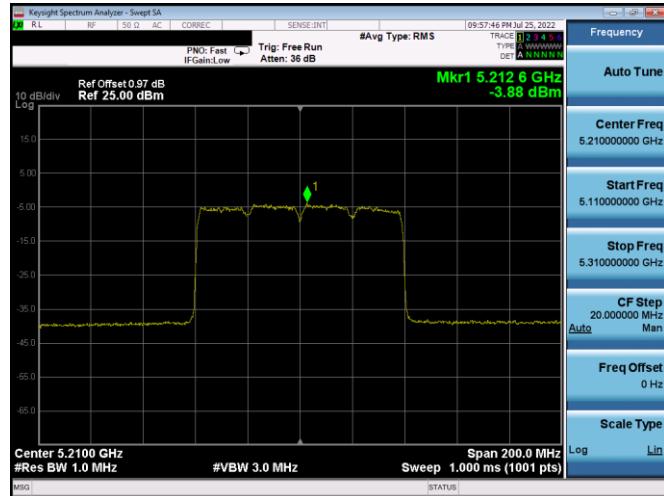
Plot 7-478. PSD CDD Antenna 4a (40MHz BW 802.11ax(SU) – Ch. 46, MCS11)



Plot 7-481. PSD CDD Antenna 5b (80MHz BW 802.11ax(SU) – Ch. 42, MCS11)

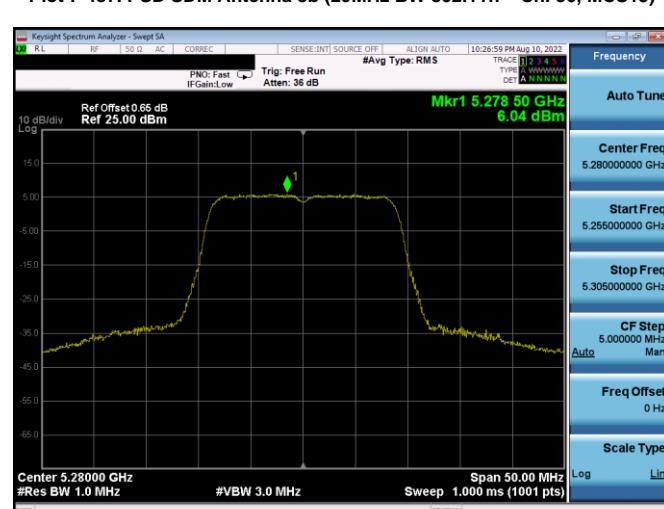
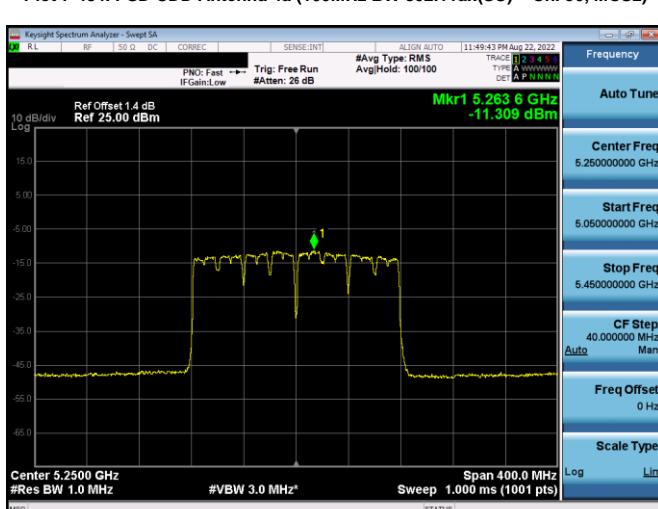
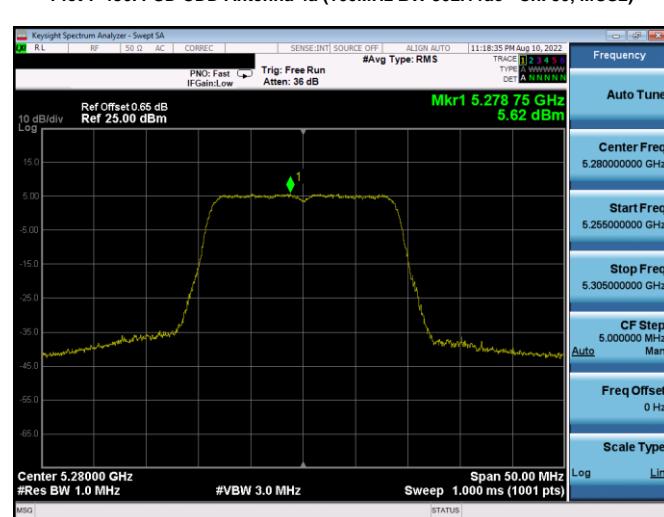
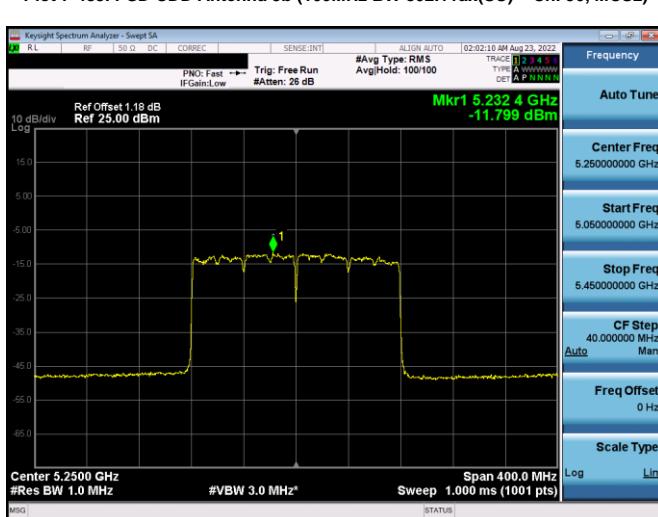
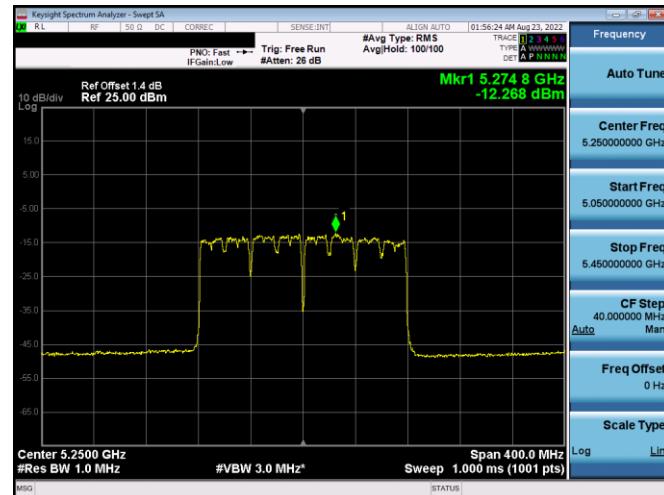
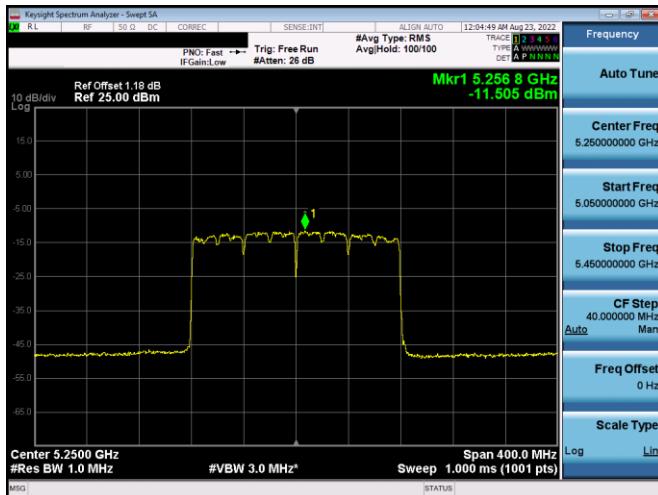


Plot 7-479. PSD CDD Antenna 5b (80MHz BW 802.11ac – Ch. 42, MCS5)

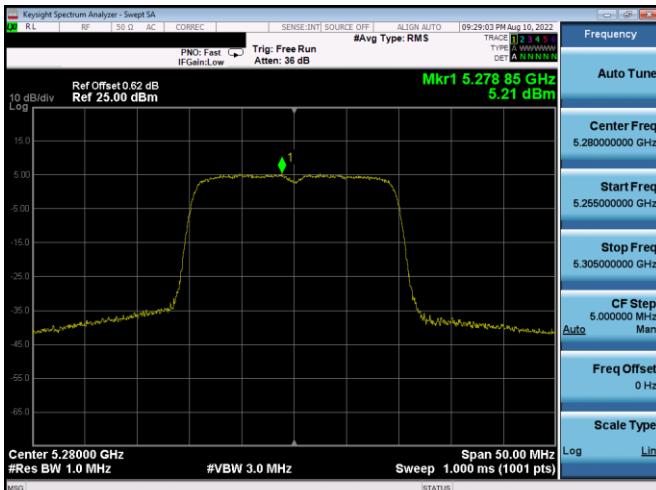


Plot 7-482. PSD CDD Antenna 4a (80MHz BW 802.11ax(SU) – Ch. 42, MCS11)

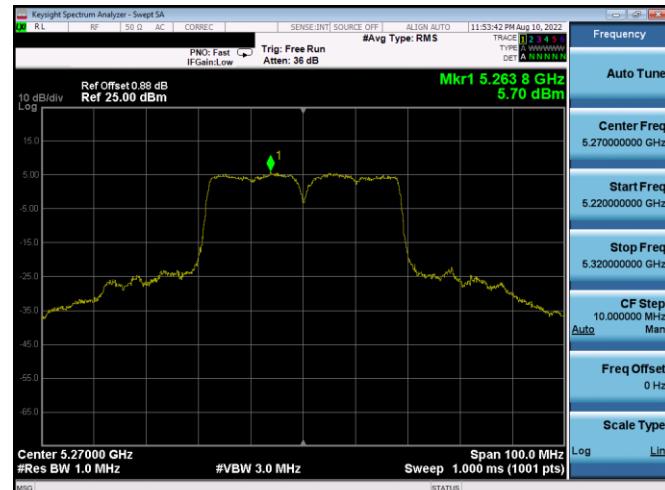
FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 169 of 389



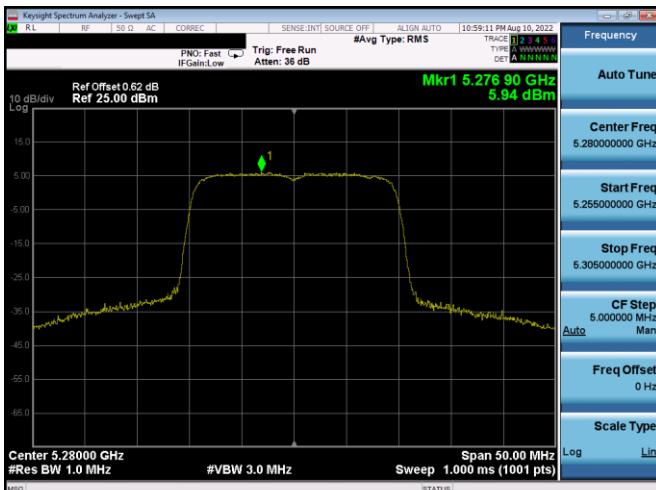
FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 170 of 389



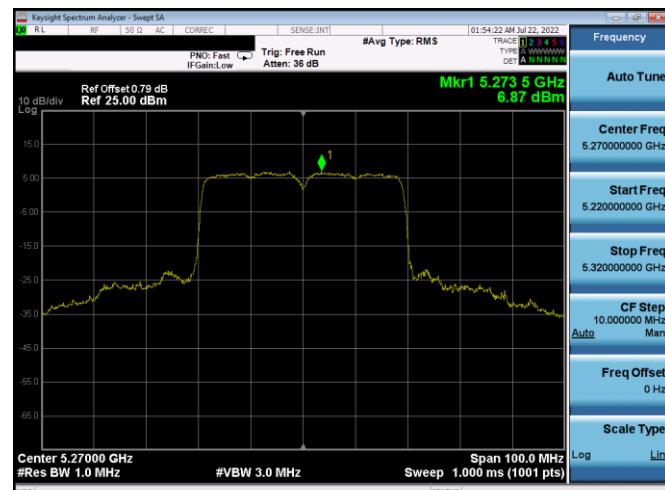
Plot 7-489. PSD SDM Antenna 5b (20MHz BW 802.11ax(SU) – Ch. 56, MCS11)



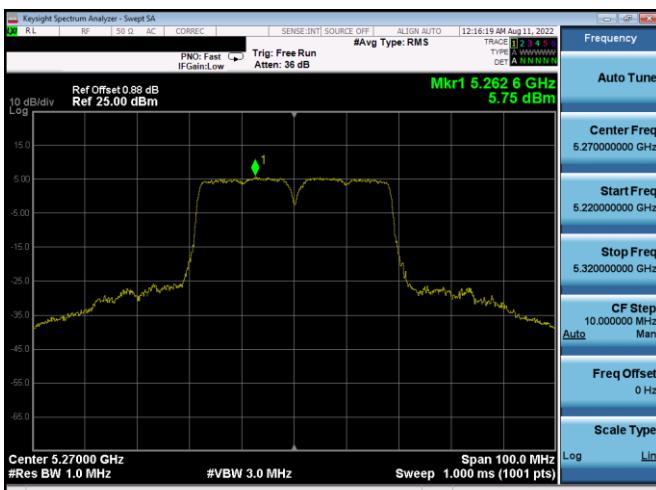
Plot 7-492. PSD SDM Antenna 4a (40MHz BW 802.11n – Ch. 54, MCS13)



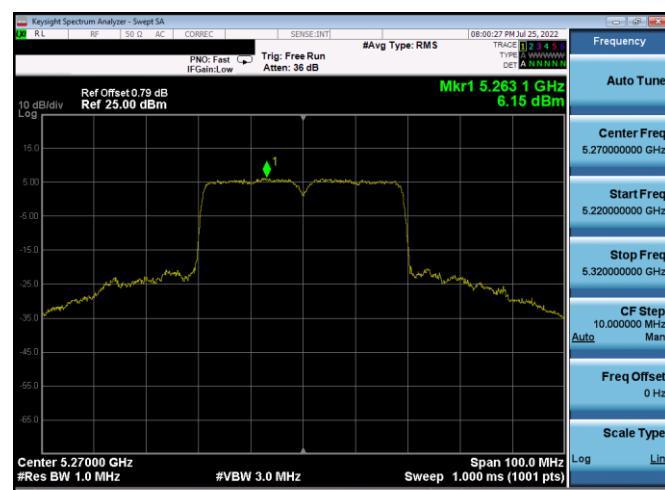
Plot 7-490. PSD SDM Antenna 4a (20MHz BW 802.11ax(SU) – Ch. 56, MCS11)



Plot 7-493. PSD SDM Antenna 5b (40MHz BW 802.11ax(SU) – Ch. 54, MCS11)



Plot 7-491. PSD SDM Antenna 5b (40MHz BW 802.11n – Ch. 54, MCS13)

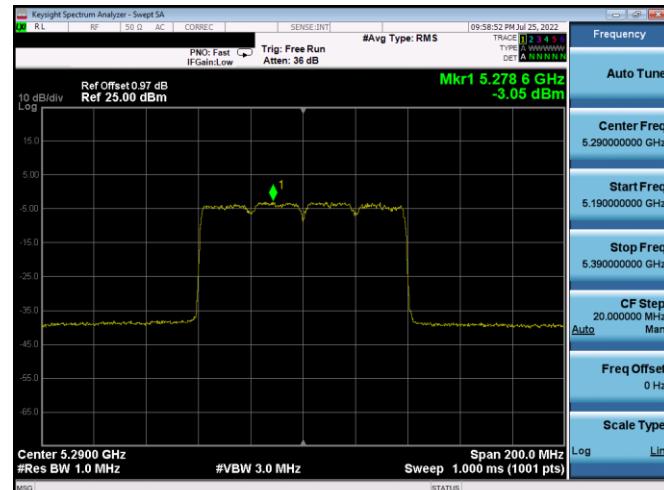


Plot 7-494. PSD SDM Antenna 4a (40MHz BW 802.11ax(SU) – Ch. 54, MCS11)

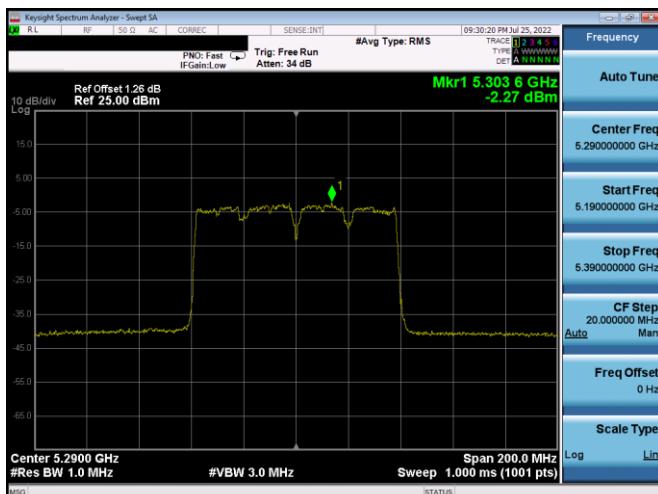
FCC ID: BCGA2435 IC: 579C-A2435	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 171 of 389



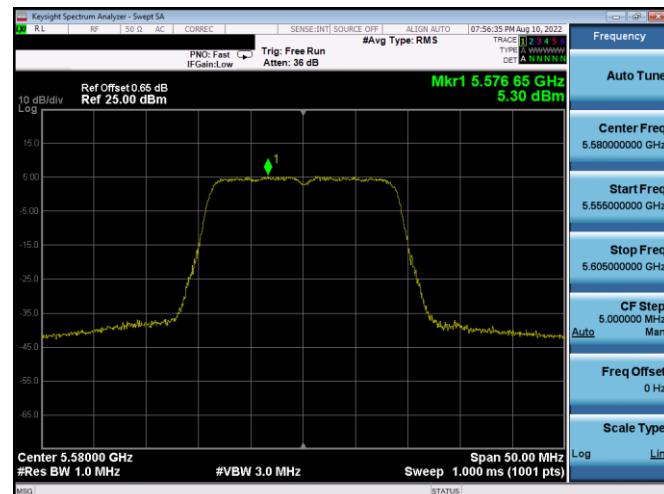
Plot 7-495. PSD CDD Antenna 5b (80MHz BW 802.11ac – Ch. 58, MCS5)



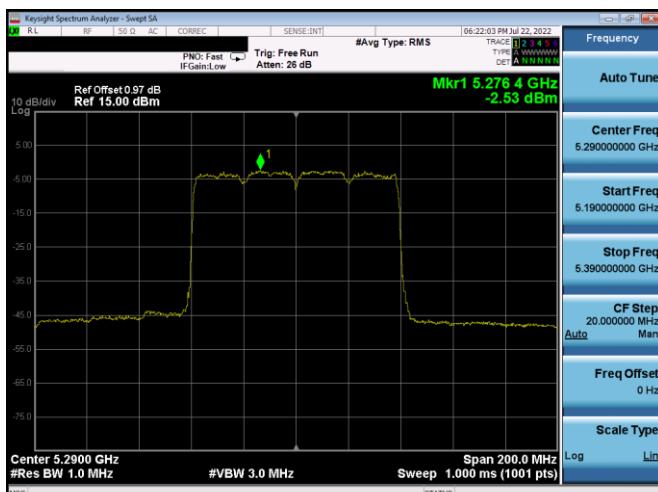
Plot 7-498. PSD CDD Antenna 4a (80MHz BW 802.11ax(SU) – Ch. 58, MCS11)



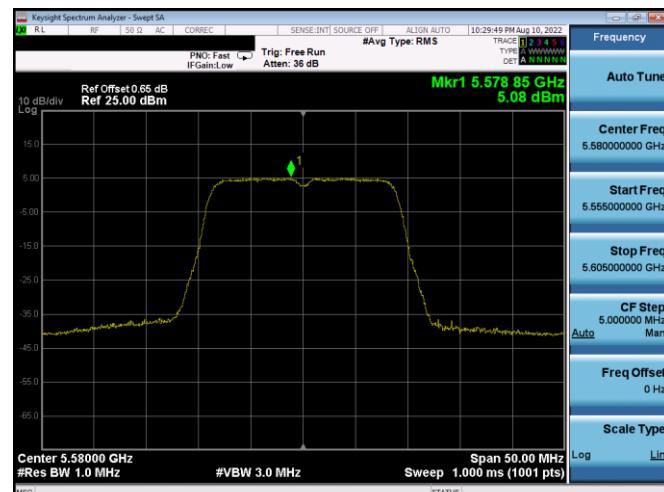
Plot 7-496. PSD CDD Antenna 4a (80MHz BW 802.11ac – Ch. 58, MCS5)



Plot 7-499. PSD CDD Antenna 5b (20MHz BW 802.11n – Ch. 116, MCS13)

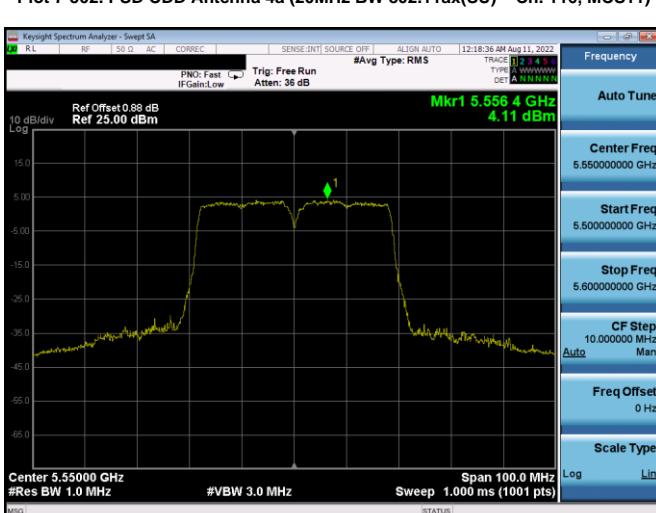
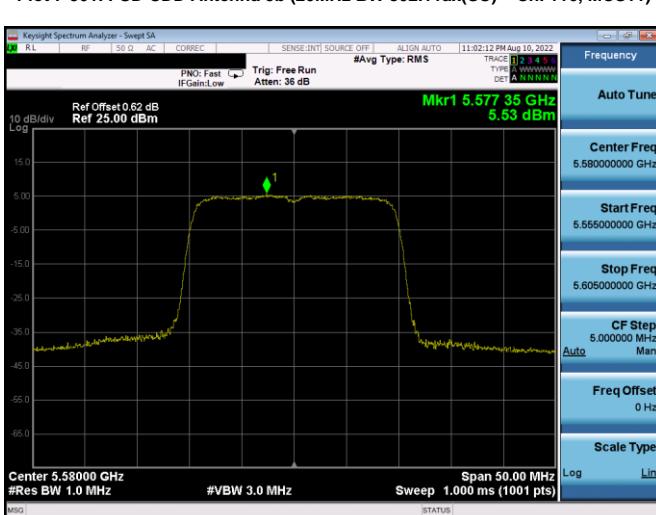
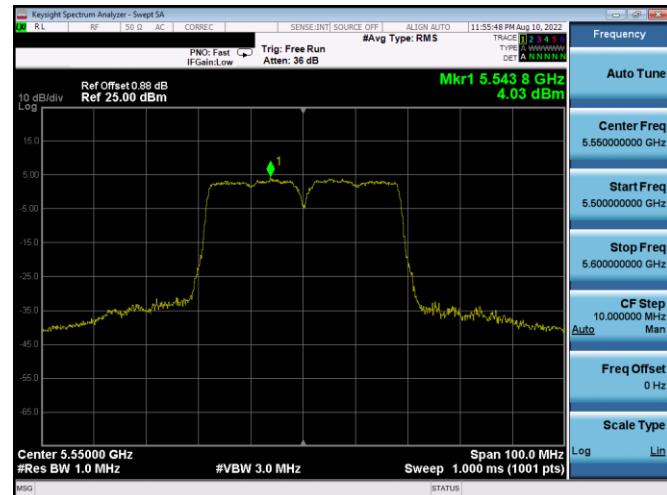
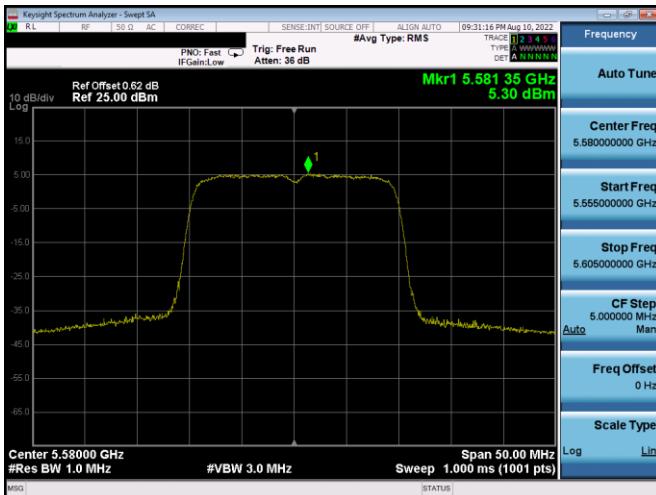


Plot 7-497. PSD CDD Antenna 5b (80MHz BW 802.11ax(SU) – Ch. 58, MCS11)



Plot 7-500. PSD CDD Antenna 4a (20MHz BW 802.11n – Ch. 116, MCS13)

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 172 of 389



FCC ID: BCGA2435	
IC: 579C-A2435	
Test Report S/N: 1C2205090025-19.BCG	

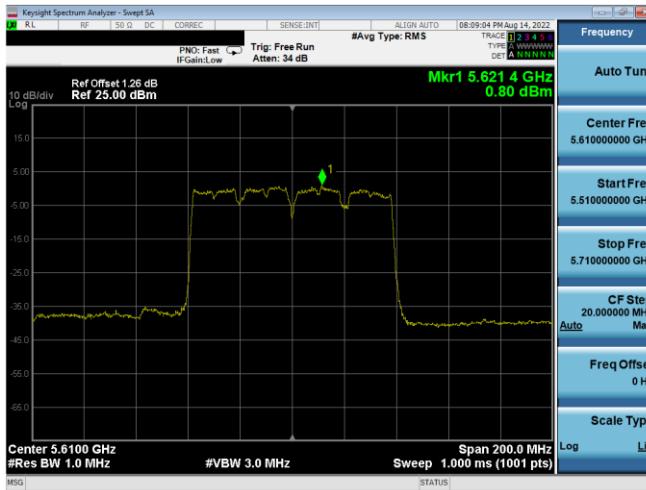
**MEASUREMENT REPORT
(CERTIFICATION)**

Approved by:
Technical Manager

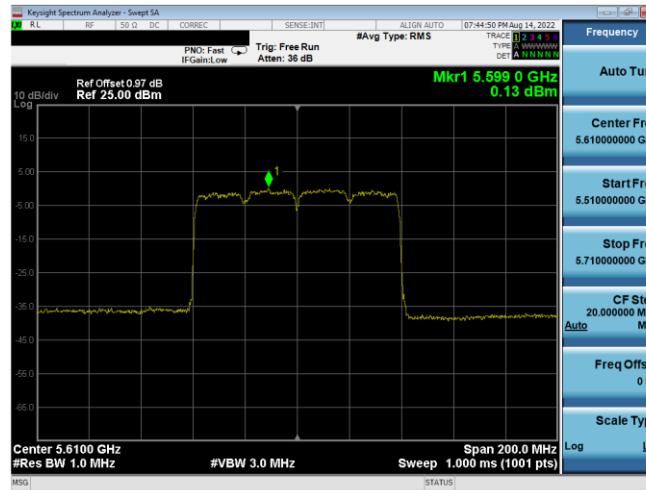
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V 10.5 12/15/2021

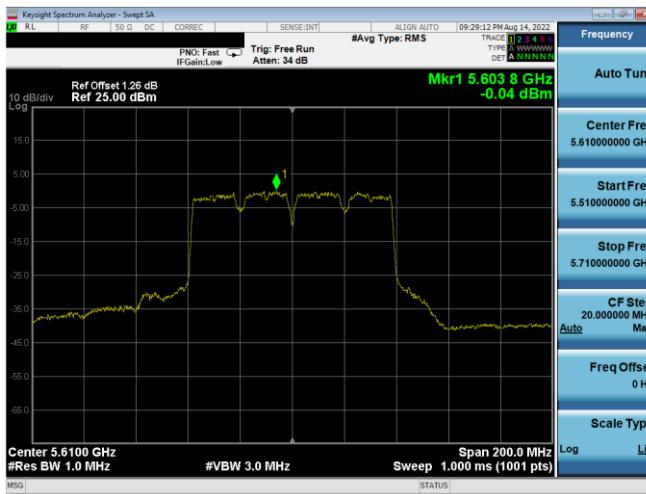
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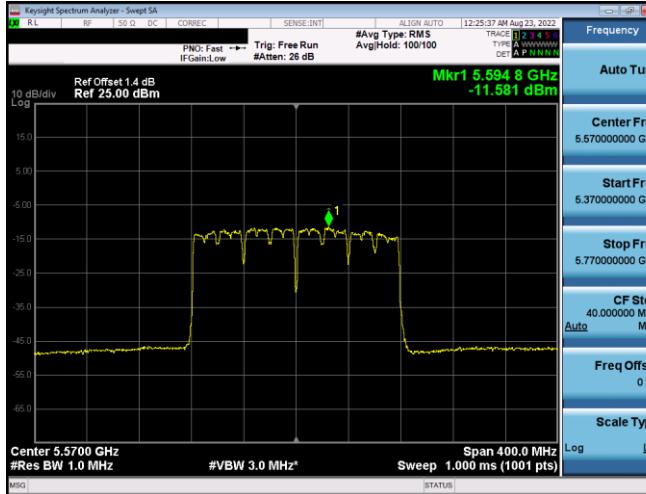
Plot 7-507. PSD CDD Antenna 5b (80MHz BW 802.11ac – Ch. 122, MCS5)



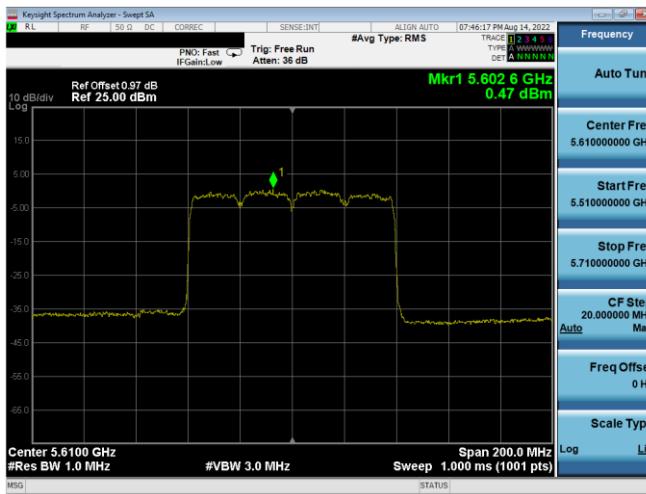
Plot 7-510. PSD CDD Antenna 4a (80MHz BW 802.11ax(SU) – Ch. 122, MCS11)



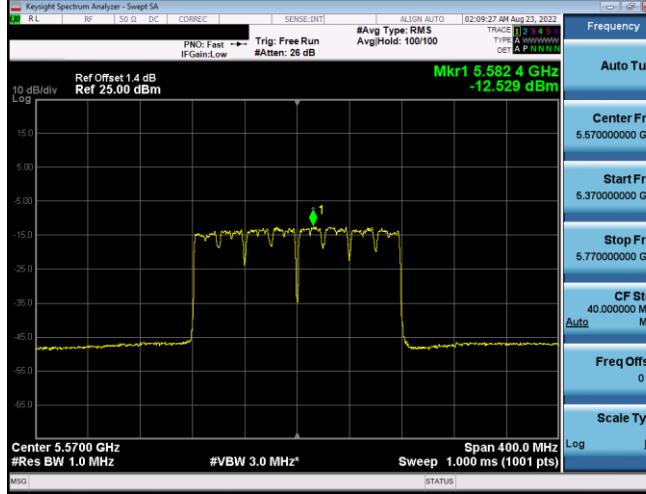
Plot 7-508. PSD CDD Antenna 4a (80MHz BW 802.11ac – Ch. 122, MCS5)



Plot 7-511. PSD CDD Antenna 5b (160MHz BW 802.11ax(SU) – Ch. 114, MCS2)

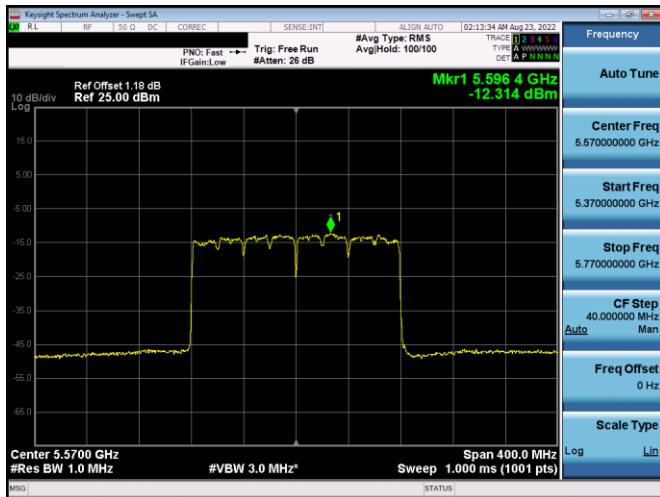


Plot 7-509. PSD CDD Antenna 5b (80MHz BW 802.11ax(SU) – Ch. 122, MCS11)

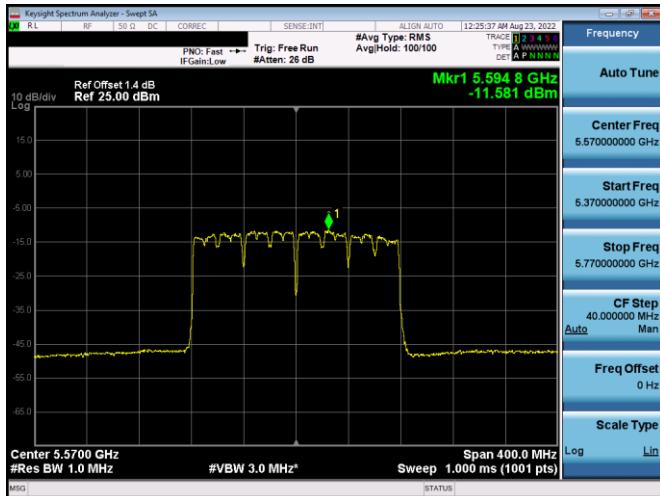


Plot 7-512. PSD CDD Antenna 4a (160MHz BW 802.11ax(SU) – Ch. 114, MCS2)

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 174 of 389



Plot 7-513. PSD CDD Antenna 4a (160MHz BW 802.11ac – Ch. 114, MCS2)



Plot 7-514. PSD CDD 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 175 of 389

	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Antenna 5b Power Density [dBm/500kHz]	Antenna 4a Power Density [dBm/500kHz]	Summed Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	CDD	39/43.3 (MCS10)	6.19	6.09	9.15	30.0	-20.85
	5785	157	n (20MHz)	CDD	39/43.3 (MCS10)	5.97	5.97	8.98	30.0	-21.02
	5825	165	n (20MHz)	CDD	39/43.3 (MCS10)	6.24	6.22	9.24	30.0	-20.76
	5745	149	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	5.04	4.77	7.92	30.0	-22.08
	5785	157	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	4.88	4.30	7.61	30.0	-22.39
	5825	165	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	5.01	4.76	7.90	30.0	-22.10
	5755	151	n (40MHz)	CDD	81/90 (MCS10)	3.81	3.74	6.79	30.0	-23.21
	5795	159	n (40MHz)	CDD	81/90 (MCS10)	3.61	3.59	6.61	30.0	-23.39
	5755	151	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	3.87	3.84	6.86	30.0	-23.14
	5795	159	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	3.68	3.43	6.57	30.0	-23.43
	5775	155	ac (80MHz)	CDD	175.5/195 (MCS2)	1.23	1.63	4.44	30.0	-25.56
	5775	155	ax (SU) (80MHz)	CDD	204/216.2 (MCS2)	-1.05	-1.08	1.95	30.0	-28.05

Table 7-137. Band 3 Power Spectral Density Measurements CDD (Low Data Rate)

	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Antenna 5b Power Density [dBm/500kHz]	Antenna 4a Power Density [dBm/500kHz]	Summed Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	CDD	78/86.7 (MCS12)	6.47	6.30	9.39	30.0	-20.61
	5785	157	n (20MHz)	CDD	78/86.7 (MCS12)	6.41	5.86	9.15	30.0	-20.85
	5825	165	n (20MHz)	CDD	78/86.7 (MCS12)	6.39	6.57	9.49	30.0	-20.51
	5745	149	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	5.40	4.93	8.18	30.0	-21.82
	5785	157	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	5.36	4.66	8.03	30.0	-21.97
	5825	165	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	5.32	5.12	8.23	30.0	-21.77
	5755	151	n (40MHz)	CDD	162/180 (MCS12)	4.39	4.56	7.49	30.0	-22.51
	5795	159	n (40MHz)	CDD	162/180 (MCS12)	3.86	3.88	6.88	30.0	-23.12
	5755	151	ax (SU) (40MHz)	CDD	196/206.5 (MCS4)	4.33	4.02	7.19	30.0	-22.81
	5795	159	ax (SU) (40MHz)	CDD	196/206.5 (MCS4)	4.06	3.74	6.91	29.9	-23.00
	5775	155	ac (80MHz)	CDD	351/390 (MCS4)	1.00	1.19	4.11	30.0	-25.89
	5775	155	ax (SU) (80MHz)	CDD	408/432.4 (MCS4)	-0.70	-0.91	2.21	30.0	-27.79

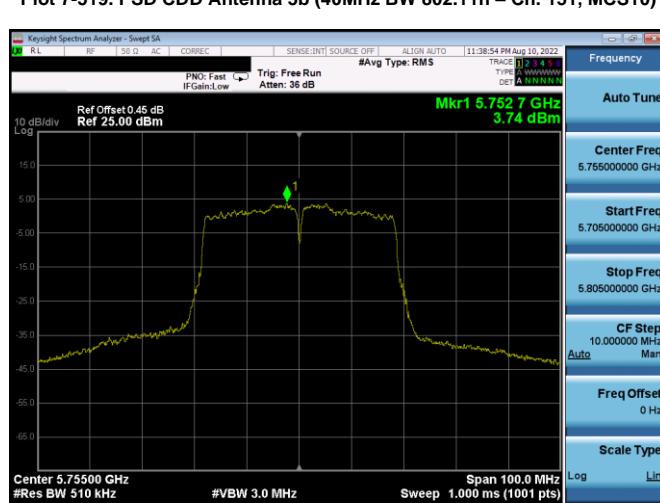
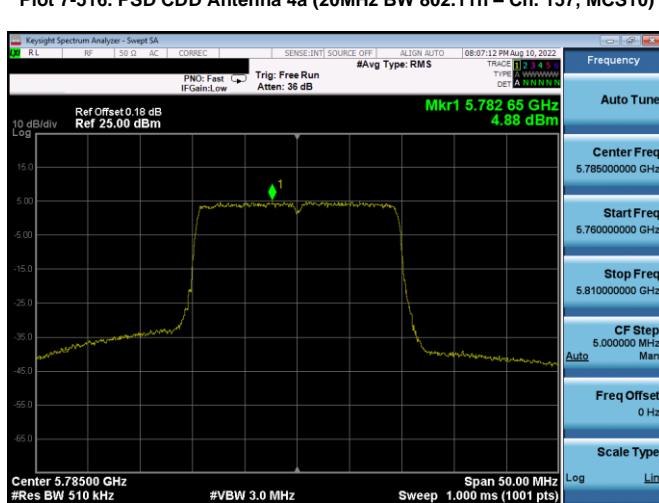
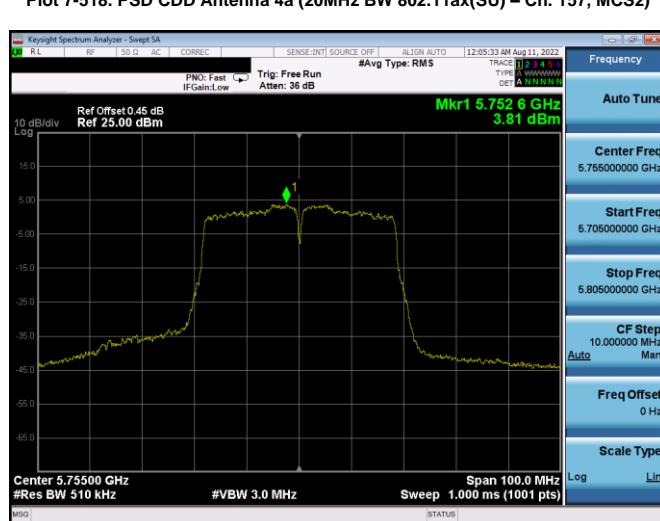
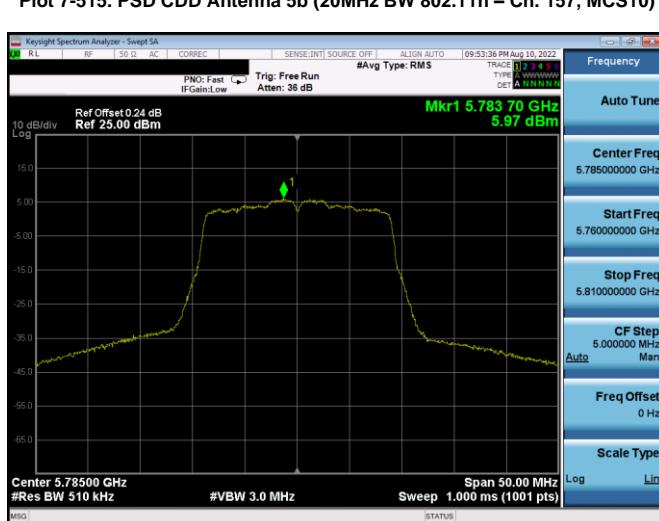
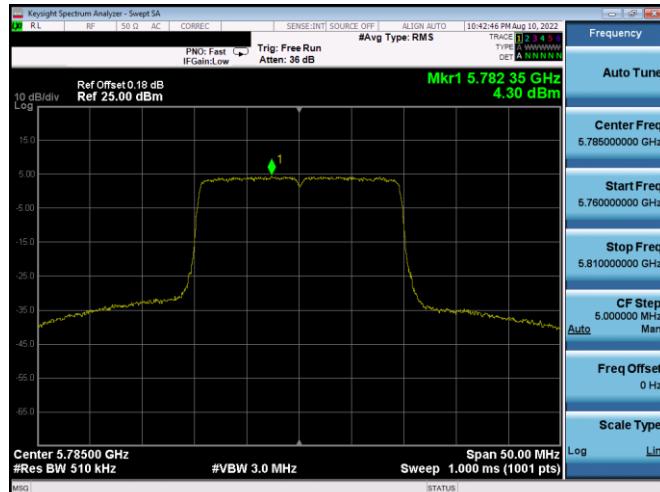
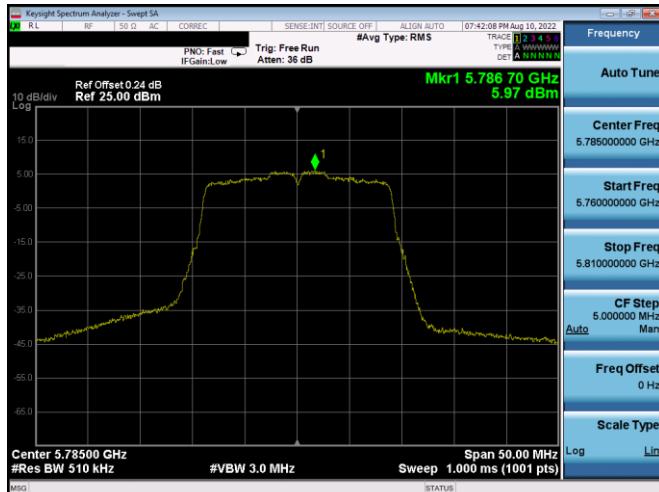
Table 7-138. Band 3 Power Spectral Density Measurements CDD (Mid Data Rate)

	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Antenna 5b Power Density [dBm/500kHz]	Antenna 4a Power Density [dBm/500kHz]	Summed Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	CDD	130/144.4 (MCS15)	5.56	5.59	8.59	30.0	-21.41
	5785	157	n (20MHz)	CDD	130/144.4 (MCS15)	5.48	5.39	8.44	30.0	-21.56
	5825	165	n (20MHz)	CDD	130/144.4 (MCS15)	5.50	5.63	8.58	30.0	-21.42
	5745	149	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	5.46	5.51	8.50	30.0	-21.50
	5785	157	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	5.62	5.44	8.54	30.0	-21.46
	5825	165	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	5.49	5.57	8.54	30.0	-21.46
	5755	151	n (40MHz)	CDD	270/300 (MCS15)	3.22	3.17	6.20	30.0	-23.80
	5795	159	n (40MHz)	CDD	270/300 (MCS15)	2.94	2.89	5.92	30.0	-24.08
	5755	151	ax (SU) (40MHz)	CDD	540/573.5 (MCS11)	4.56	4.05	7.32	30.0	-22.68
	5795	159	ax (SU) (40MHz)	CDD	540/573.5 (MCS11)	4.29	4.23	7.27	30.0	-22.73
	5775	155	ac (80MHz)	CDD	780/866.7 (MCS9)	-0.07	0.14	3.05	30.0	-26.95
	5775	155	ax (SU) (80MHz)	CDD	1134/1201 (MCS11)	-1.60	-1.67	1.38	30.0	-28.62

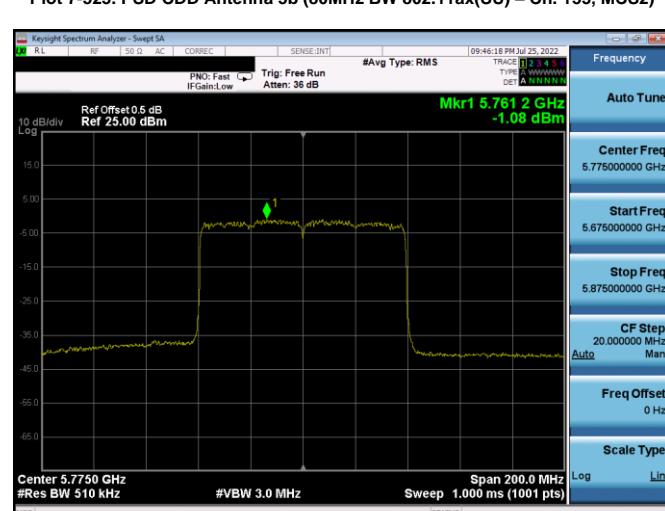
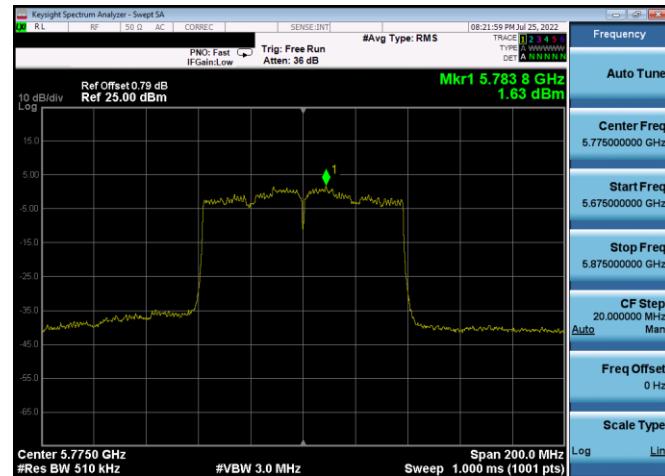
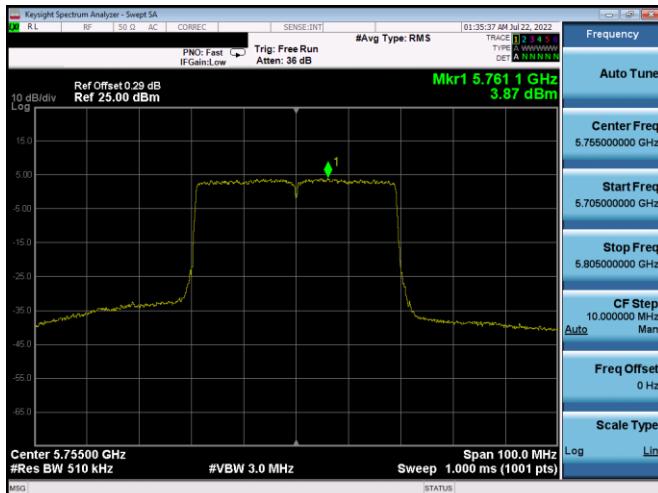
Table 7-139. Band 3 Power Spectral Density Measurements CDD (High Data Rate)

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 176 of 389

Low 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 177 of 389



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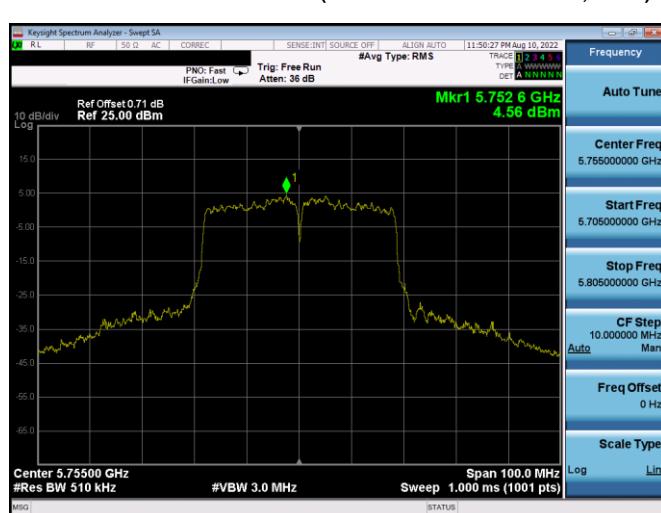
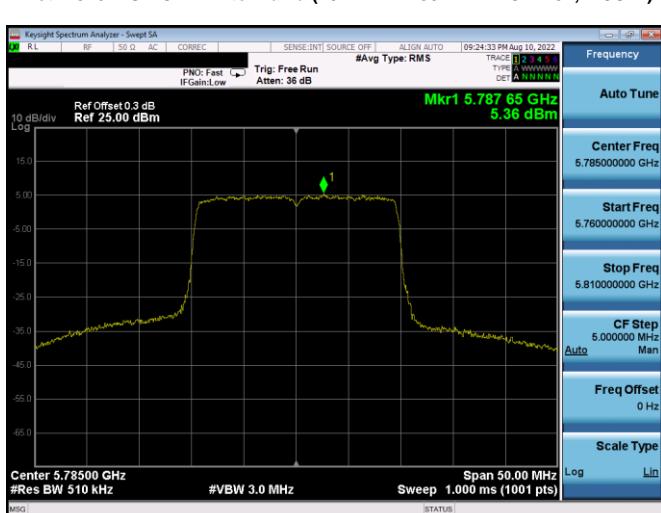
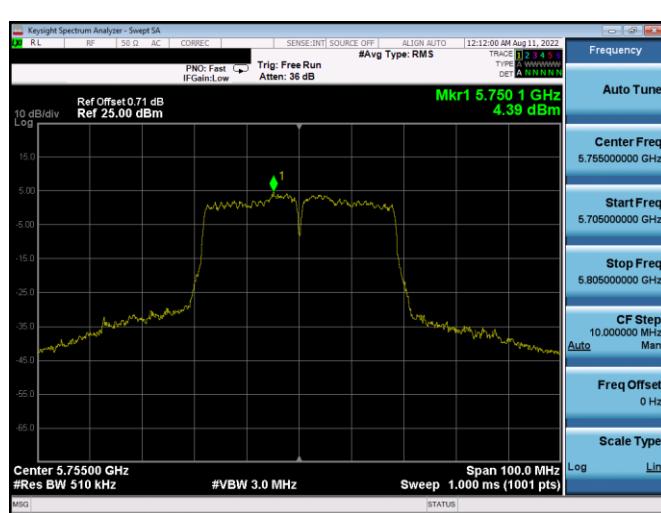
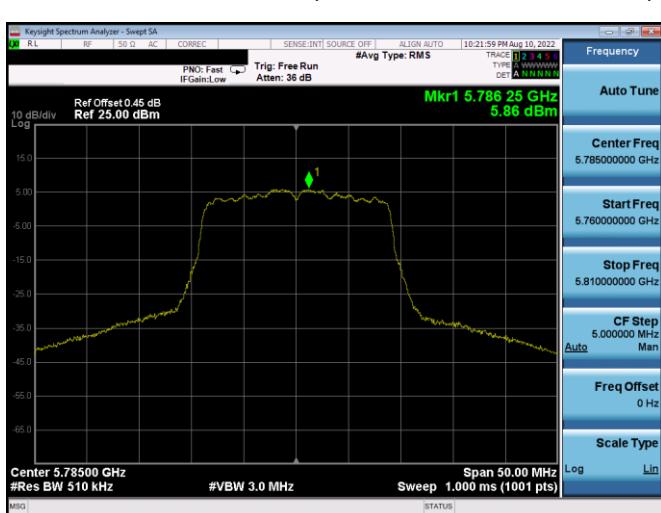
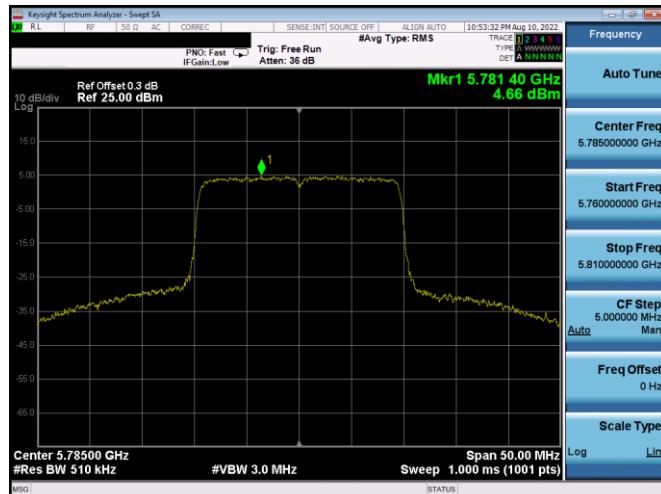
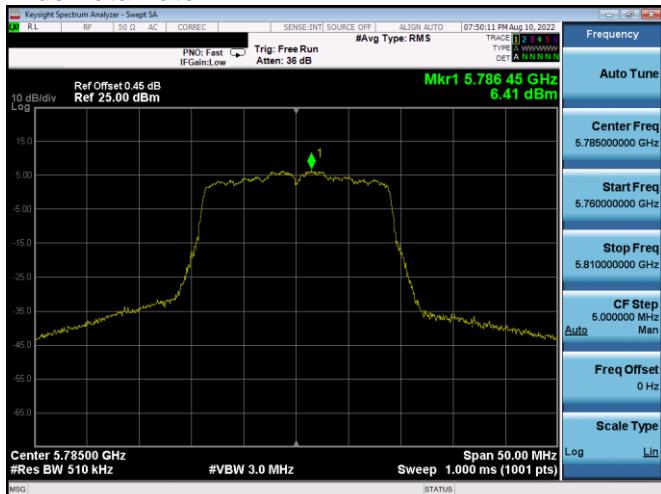
**MEASUREMENT REPORT
(CERTIFICATION)**

Approved by:
Technical Manager

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Mide Data Rate


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