

FCC ID: BCGA2764	
IC: 579C-A2764	
Test Report S/N: 1C2205090028-19.BCG	

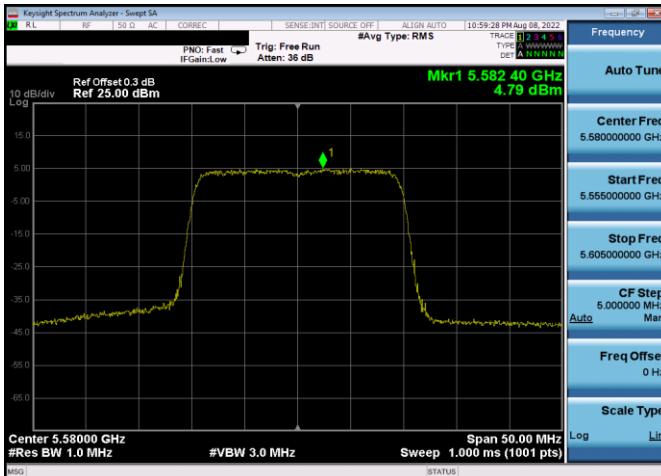
**MEASUREMENT REPORT  
(CERTIFICATION)**

**Approved by:**  
Technical Manager

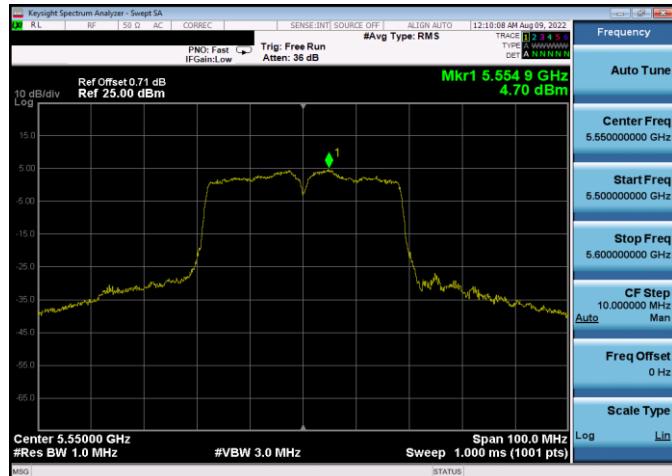
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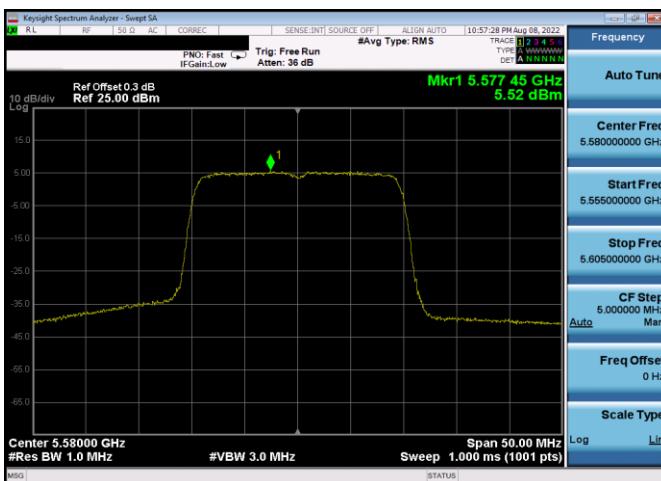
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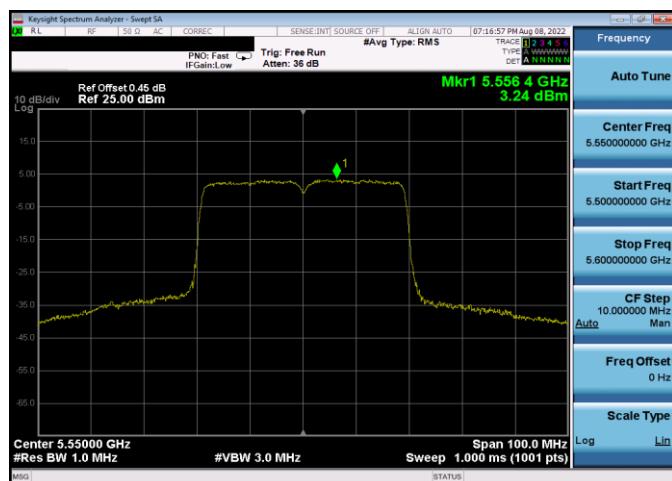
Plot 7-459. PSD CDD Antenna 5b (20MHz BW 802.11ax(SU) – Ch. 116, MCS4)



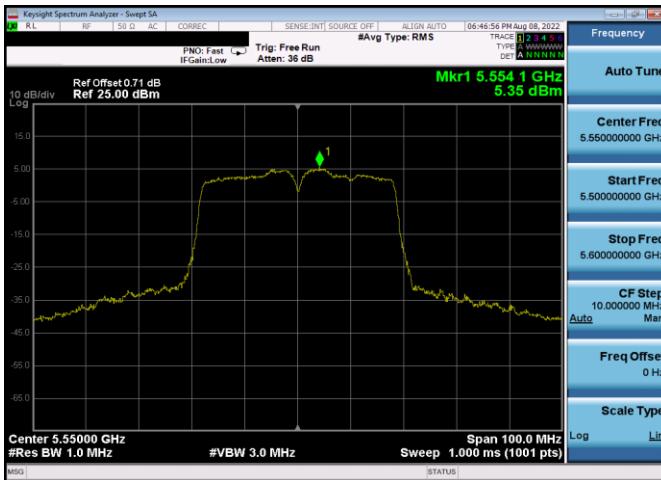
Plot 7-462. PSD CDD Antenna 4a (40MHz BW 802.11n – Ch. 110, MCS12)



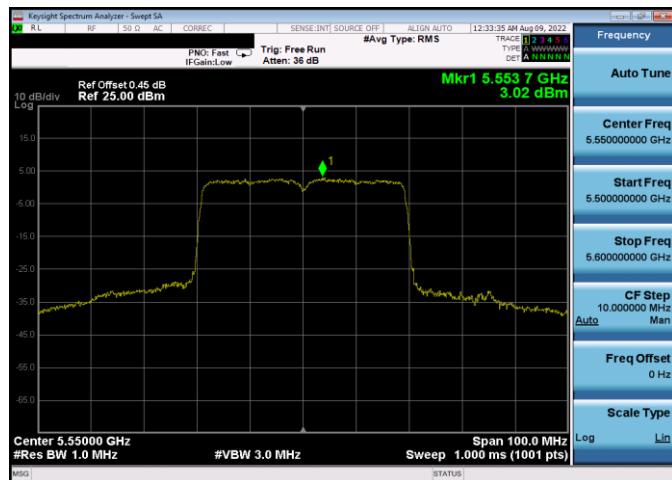
Plot 7-460. PSD CDD Antenna 4a (20MHz BW 802.11ax(SU) – Ch. 116, MCS4)



Plot 7-463. PSD CDD Antenna 5b (40MHz BW 802.11ax(SU) – Ch. 110, MCS4)



Plot 7-461. PSD CDD Antenna 5b (40MHz BW 802.11n – Ch. 110, MCS12)



Plot 7-464. PSD CDD Antenna 4a (40MHz BW 802.11ax(SU) – Ch. 110, MCS4)

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**Approved by:**  
Technical Manager

EUT Type:  
Tablet Device

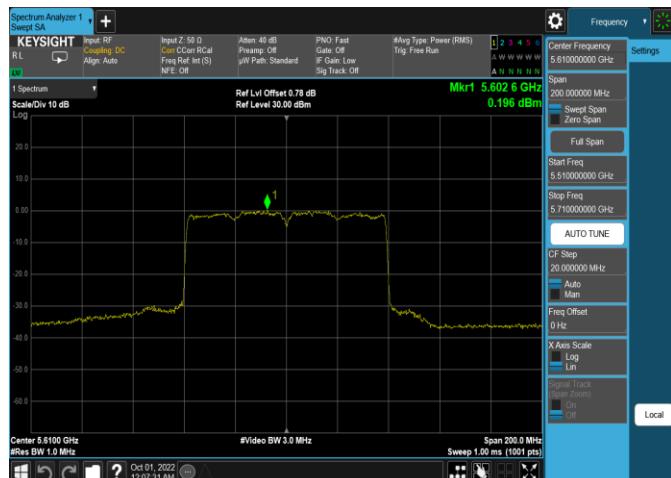
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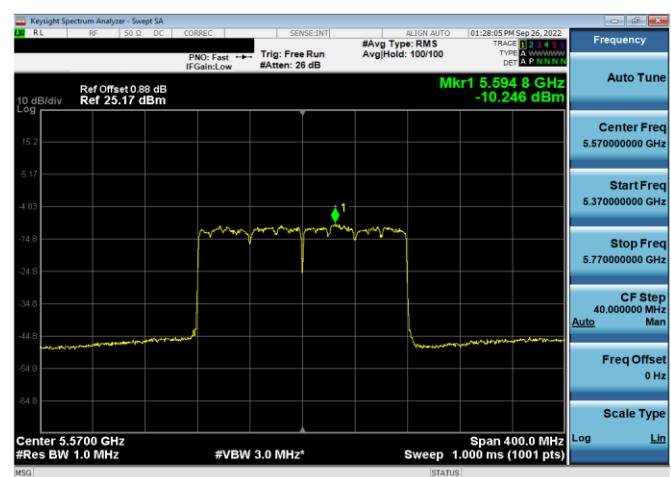
Plot 7-465. PSD CDD Antenna 5b (80MHz BW 802.11ac – Ch. 122, MCS4 (FCC))



Plot 7-468. PSD CDD Antenna 4a (80MHz BW 802.11ax(SU) – Ch. 122, MCS4 (FCC))



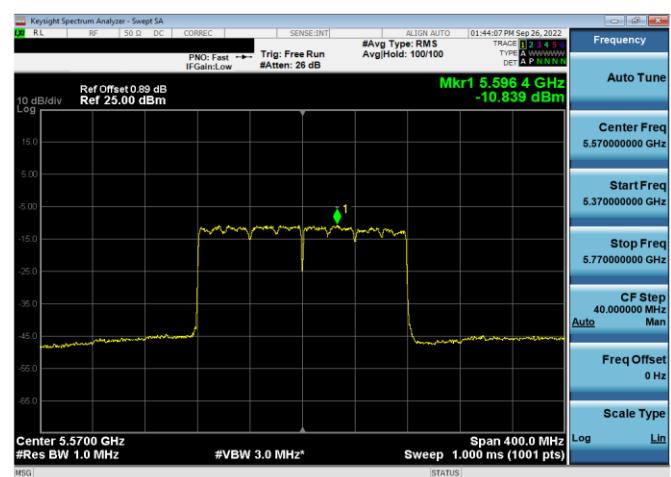
Plot 7-466. PSD CDD Antenna 4a (80MHz BW 802.11ac – Ch. 122, MCS4 (FCC))



**Plot 7-469. PSD CDD Antenna 5b (160MHz BW 802.11ax(SU)– Ch. 114, MCS4 (FCC))**

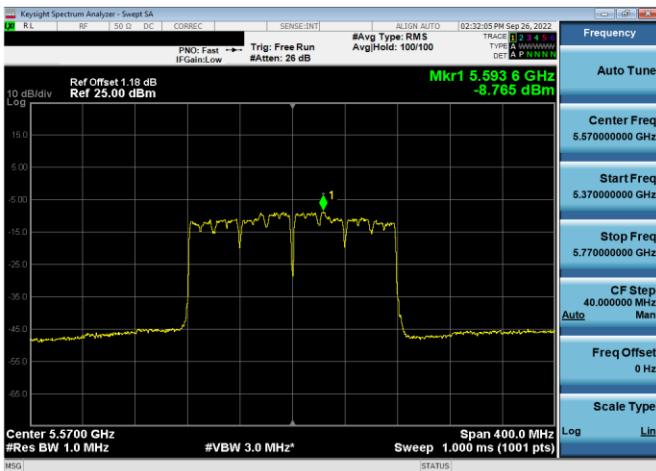


Plot 7-467. PSD CDD Antenna 5b (80MHz BW 802.11ax(SU) – Ch. 122, MCS4 (FCC))

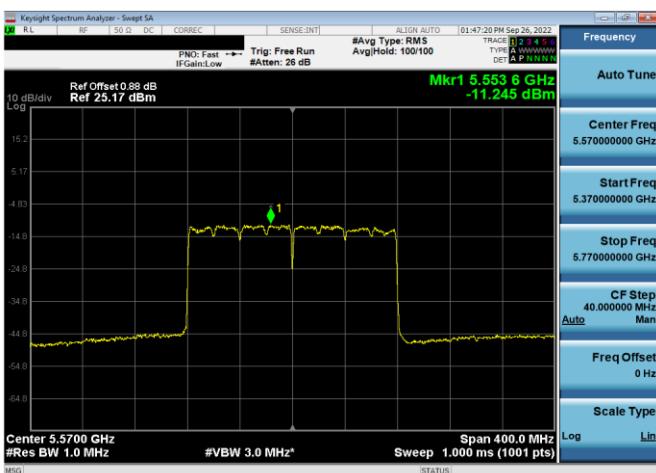


Plot 7-470. PSD CDD Antenna 4a (160MHz BW 802.11ax(SU)– Ch. 114, MCS4 (FCC))

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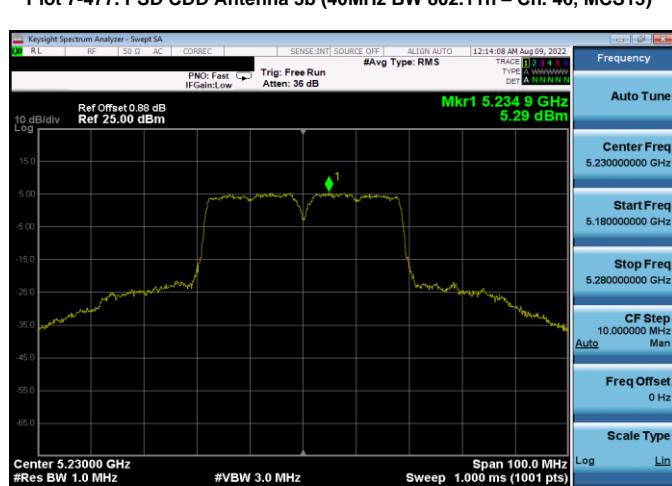
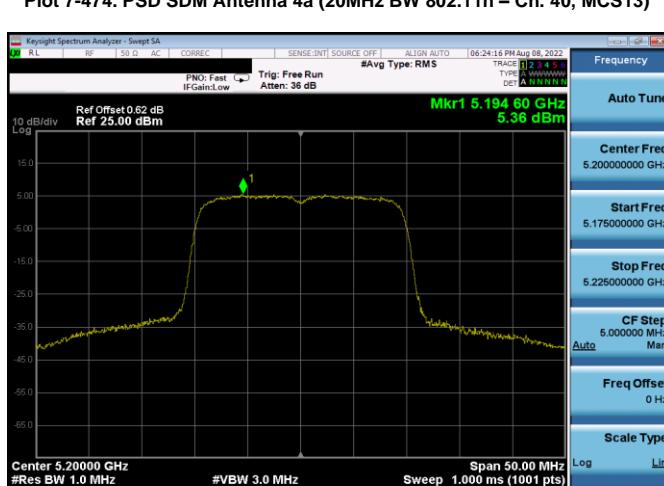
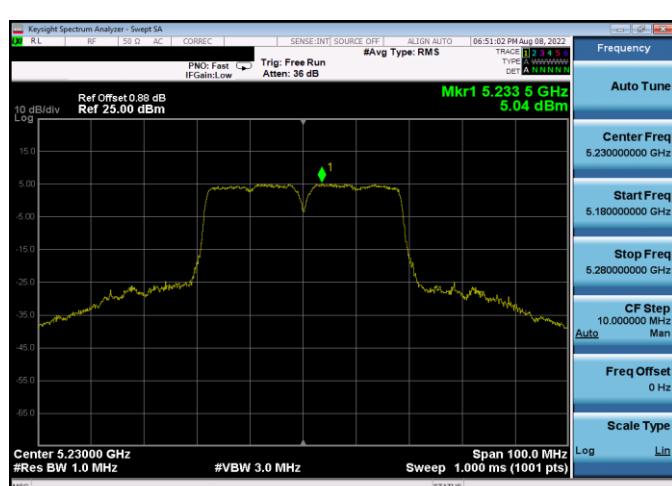
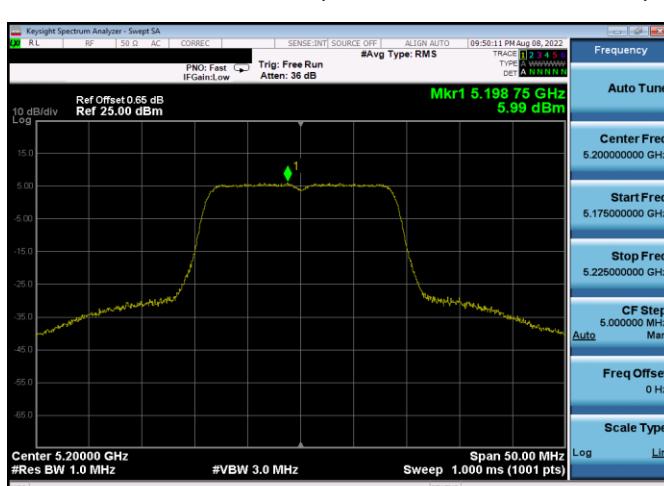
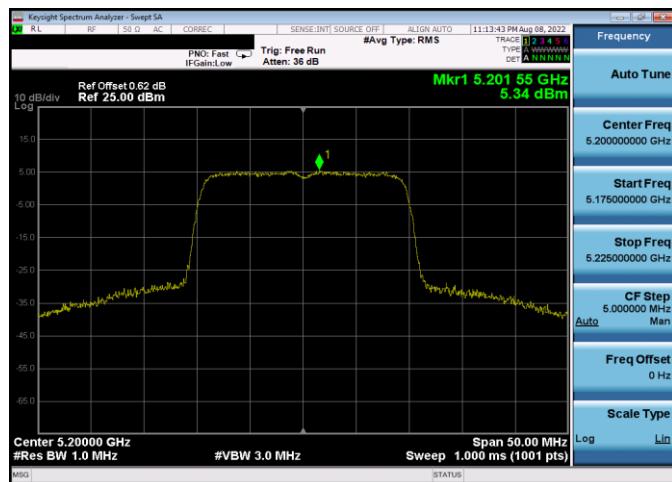
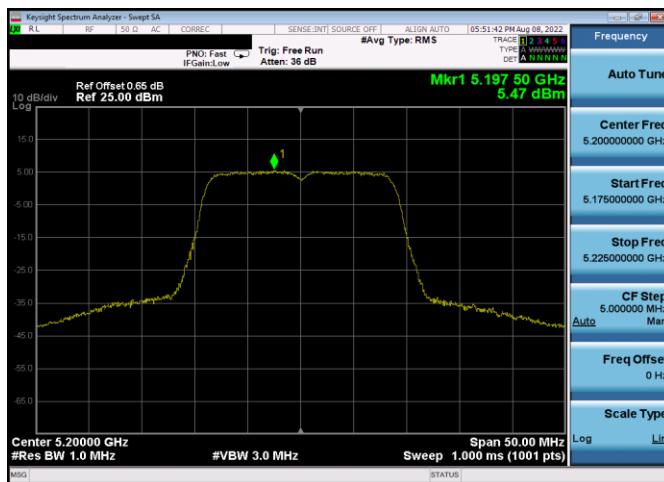
Plot 7-471. PSD CDD Antenna 5b (160MHz BW 802.11ac – Ch. 114, MCS4 (FCC))



Plot 7-472. PSD CDD Antenna 4a (160MHz BW 802.11ac – Ch. 114, MCS4 (FCC))

FCC ID: BCGA2764 IC: 579C-A2764	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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## High Data Rate



FCC ID: BCGA2764	
IC: 579C-A2764	
Test Report S/N: 1C2205090028-19.BCG	

### MEASUREMENT REPORT (CERTIFICATION)

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Technical Manager

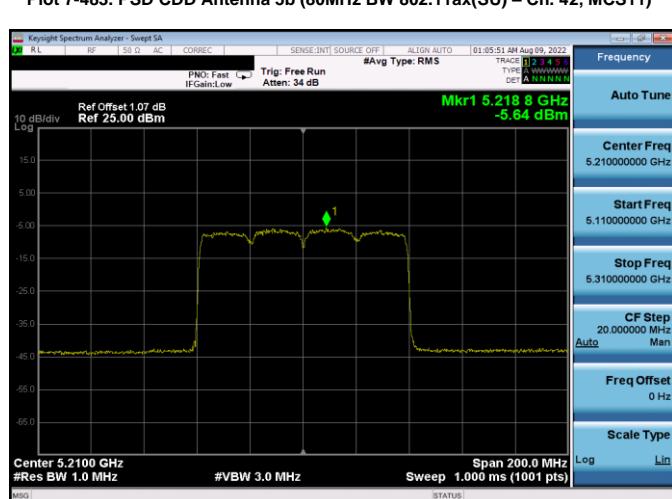
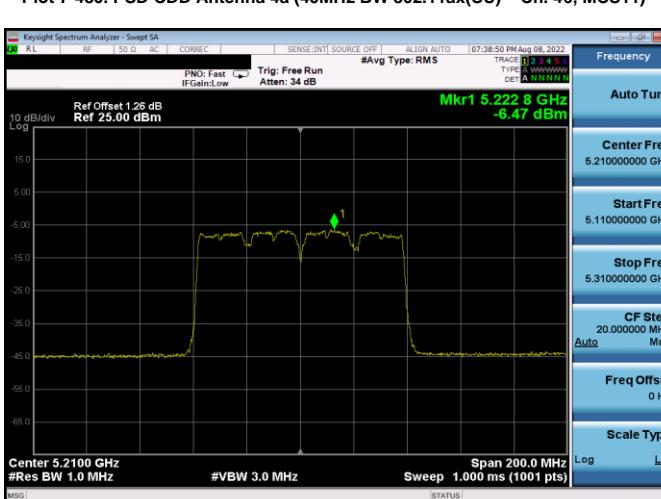
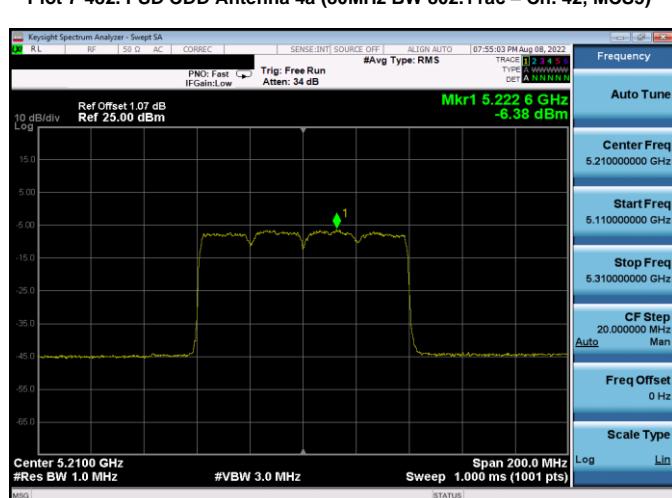
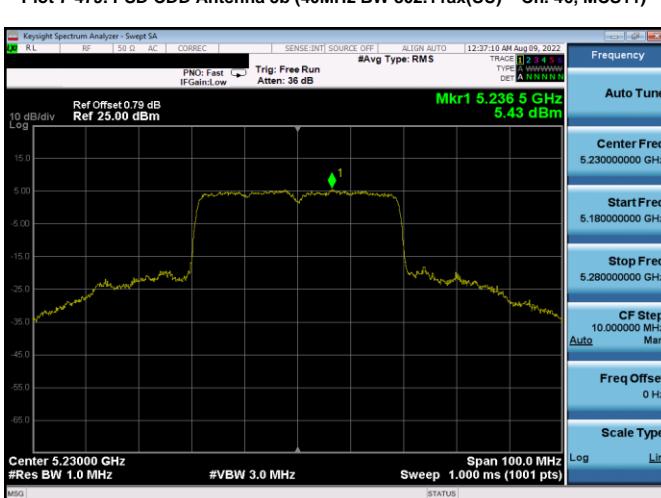
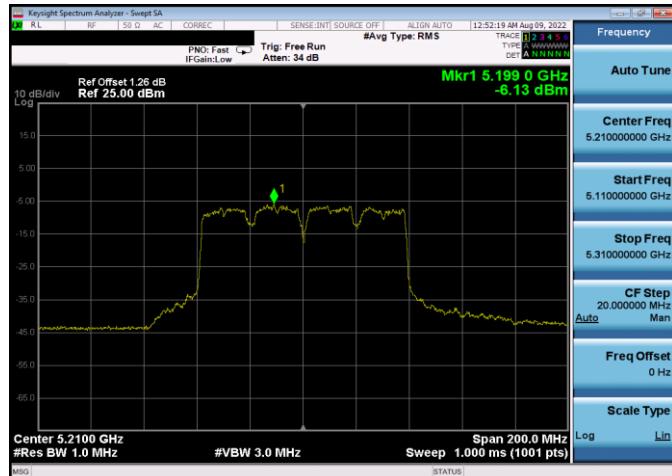
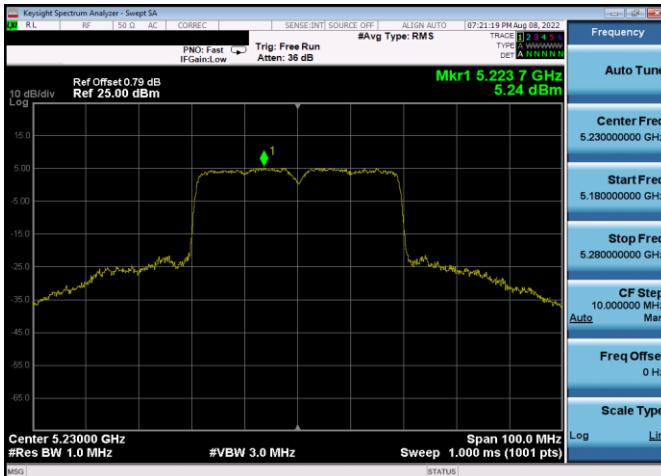
Test Dates:  
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IC: 579C-A2764


**element**

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Technical Manager

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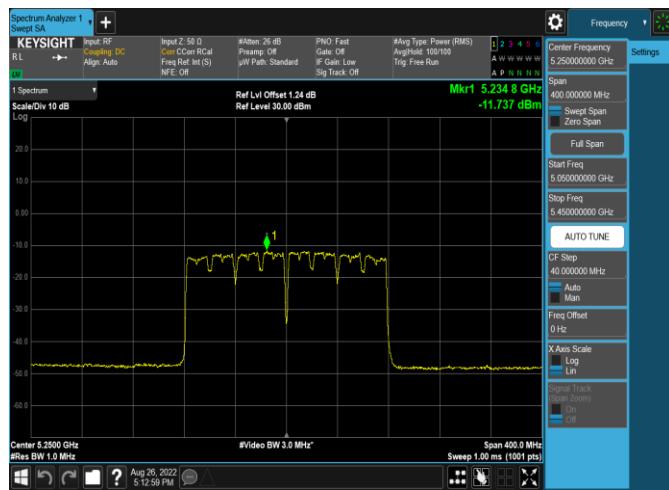
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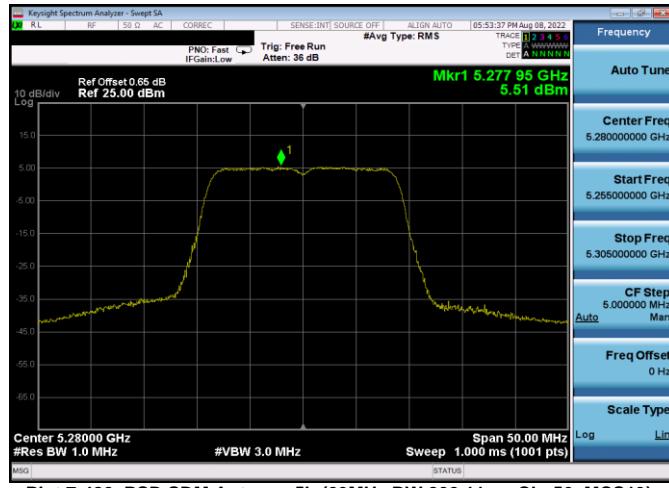
Plot 7-485. PSD CDD Antenna 5b (160MHz BW 802.11ax(SU) – Ch. 50, MCS2)



Plot 7-488. PSD CDD Antenna 4a (160MHz BW 802.11ac- Ch. 50, MCS2)



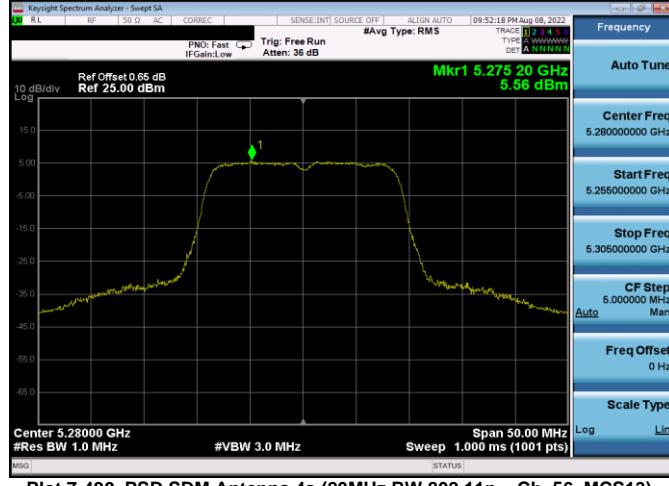
Plot 7-486. PSD CDD Antenna 4a (160MHz BW 802.11ax(SU) – Ch. 50, MCS2)



Plot 7-489. PSD SDM Antenna 5b (20MHz BW 802.11n – Ch. 56, MCS13)

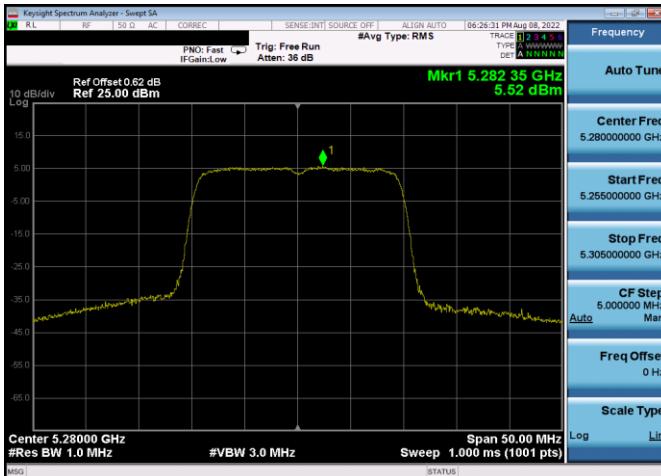


Plot 7-487. PSD CDD Antenna 5b (160MHz BW 802.11ac – Ch. 50, MCS2)

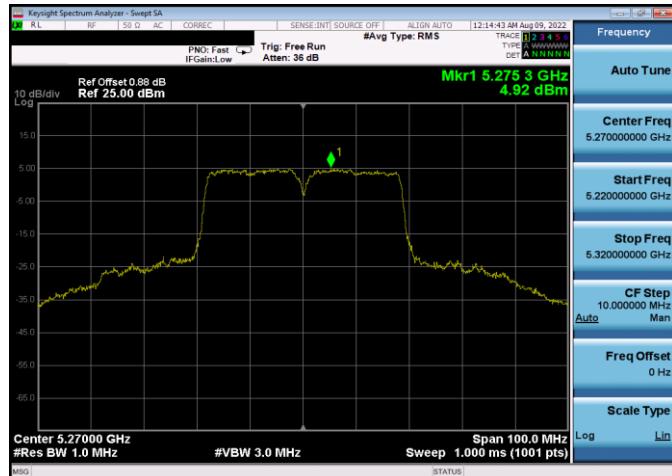


Plot 7-490. PSD SDM Antenna 4a (20MHz BW 802.11n – Ch. 56, MCS13)

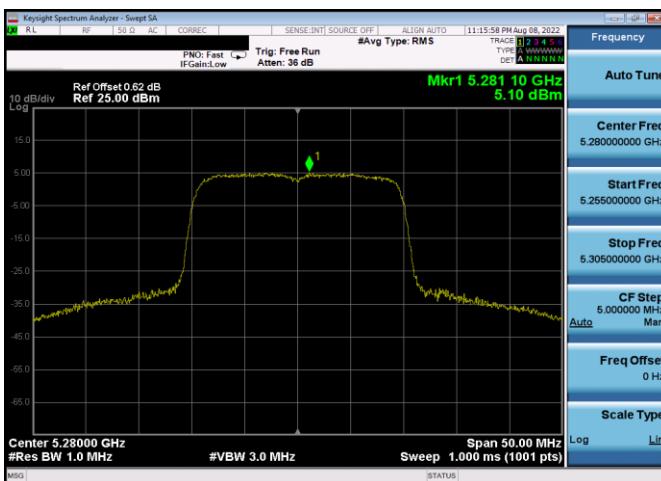
FCC ID: BCGA2764 IC: 579C-A2764	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-19.BCG	Test Dates: 05/30/2022-09/30/2022	EUT Type: Tablet Device	Page 173 of 365



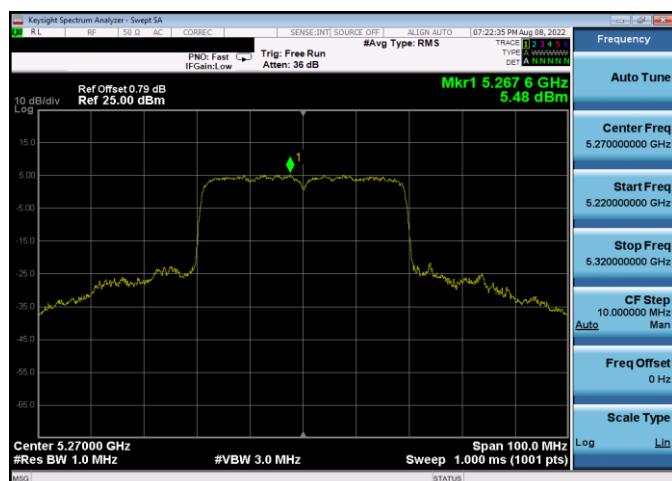
Plot 7-491. PSD SDM Antenna 5b (20MHz BW 802.11ax(SU) – Ch. 56, MCS11)



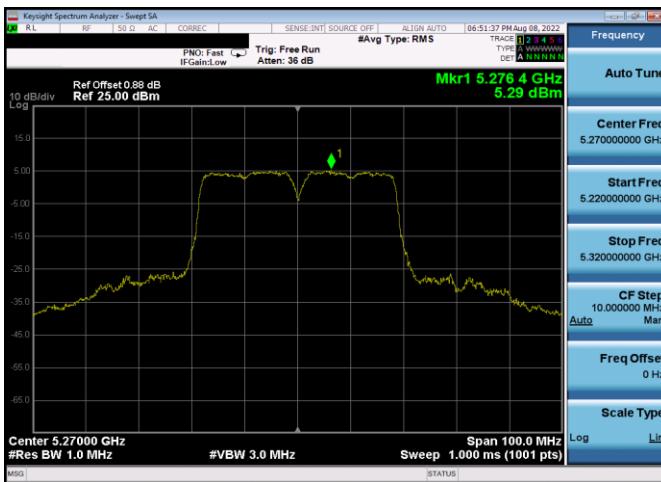
Plot 7-494. PSD SDM Antenna 4a (40MHz BW 802.11n – Ch. 54, MCS13)



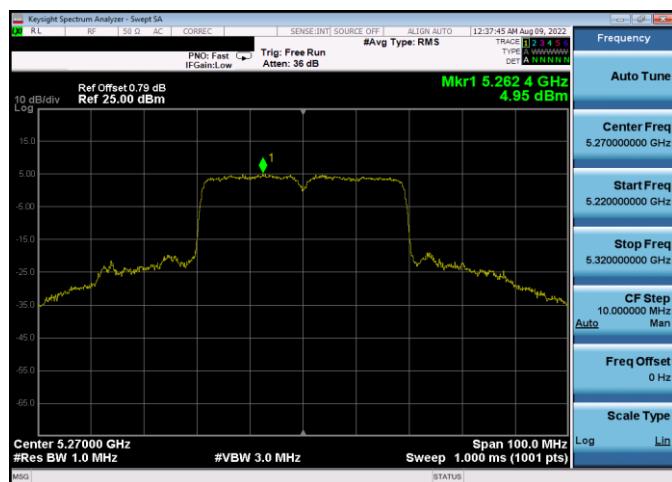
Plot 7-492. PSD SDM Antenna 4a (20MHz BW 802.11ax(SU) – Ch. 56, MCS11)



Plot 7-495. PSD SDM Antenna 5b (40MHz BW 802.11ax(SU) – Ch. 54, MCS11)



Plot 7-493. PSD SDM Antenna 5b (40MHz BW 802.11n – Ch. 54, MCS13)



Plot 7-496. PSD SDM Antenna 4a (40MHz BW 802.11ax(SU) – Ch. 54, MCS11)

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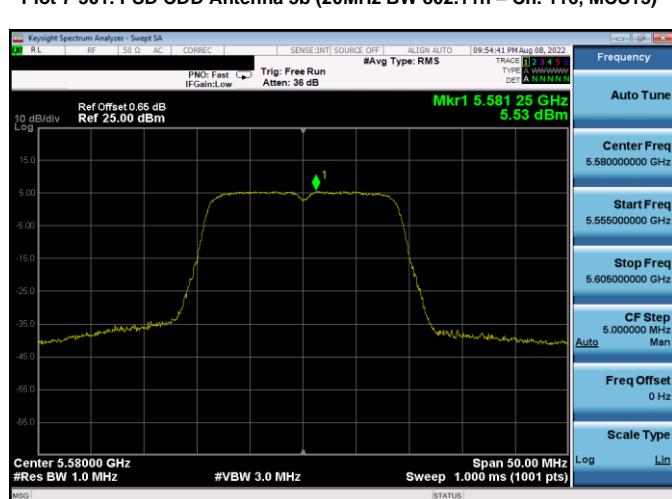
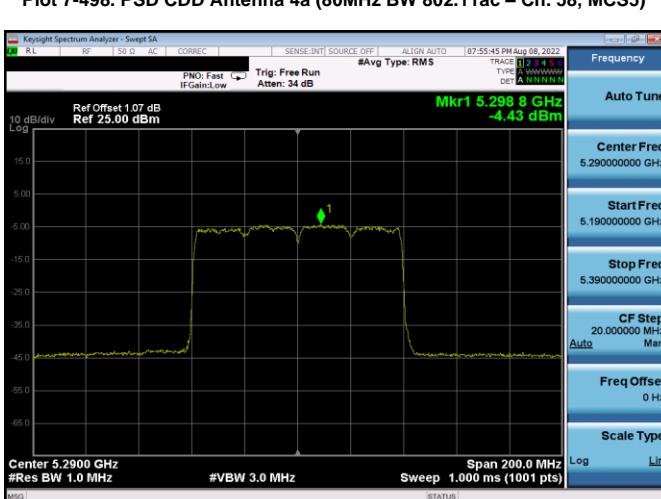
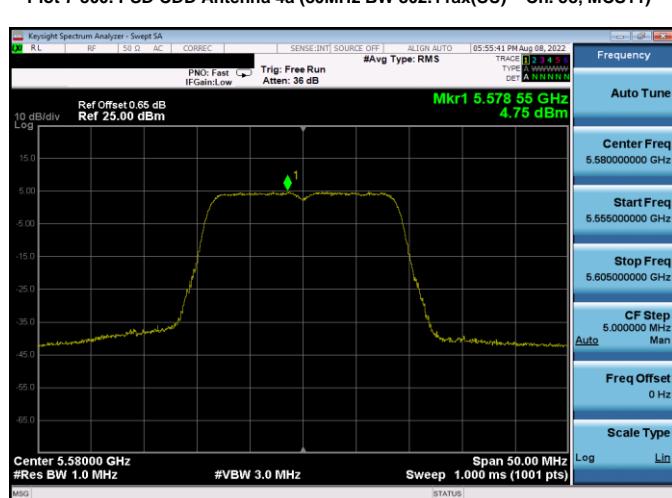
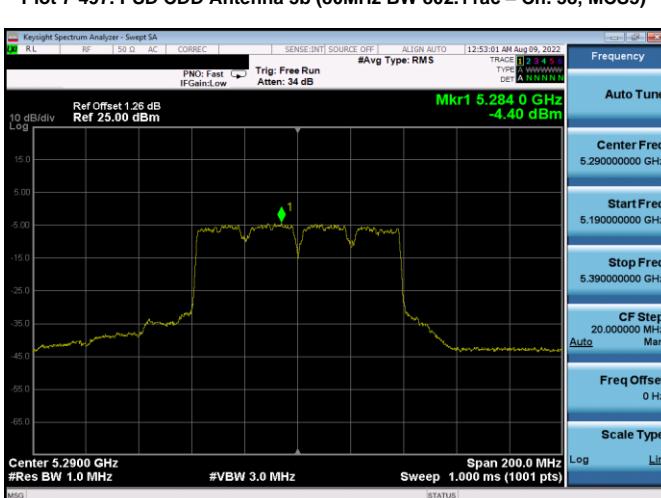
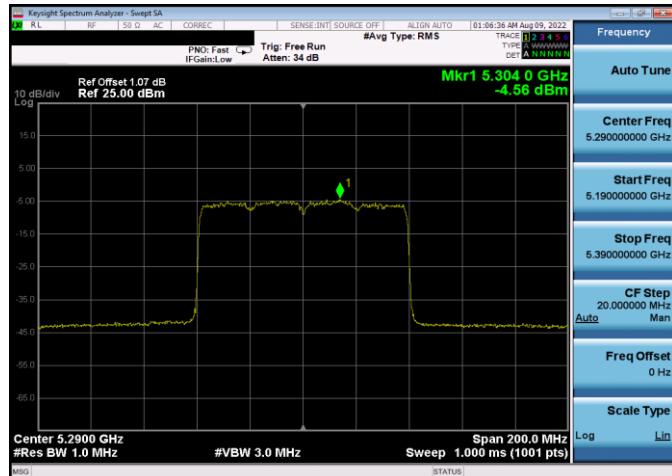
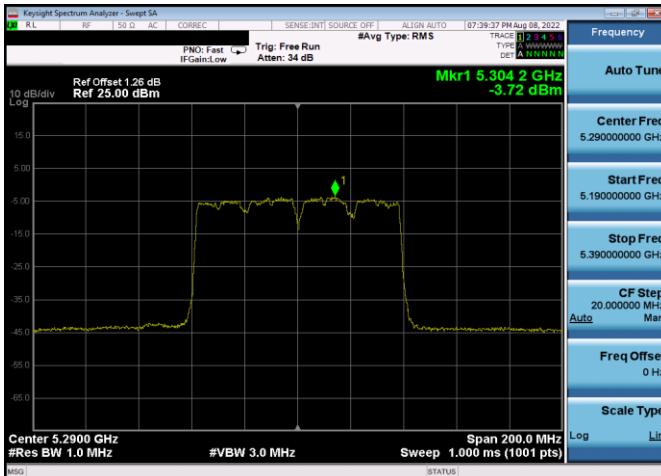
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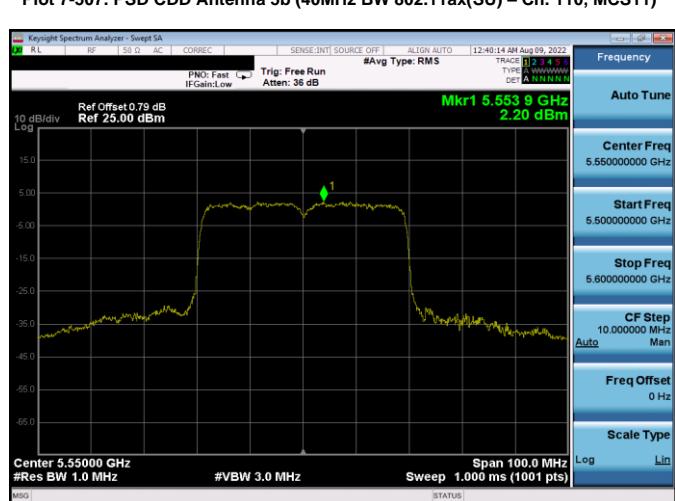
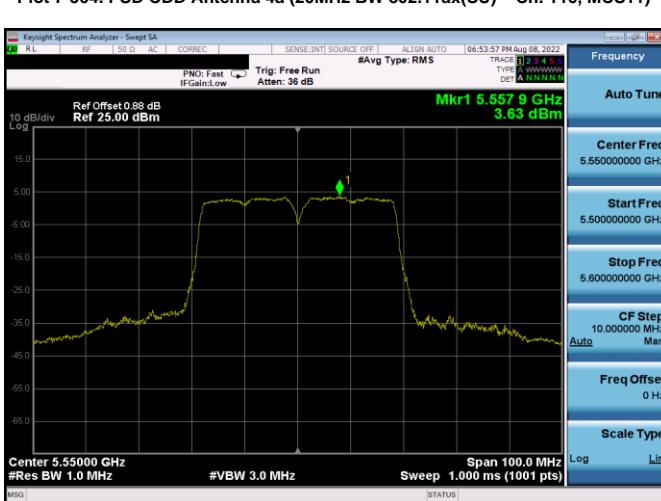
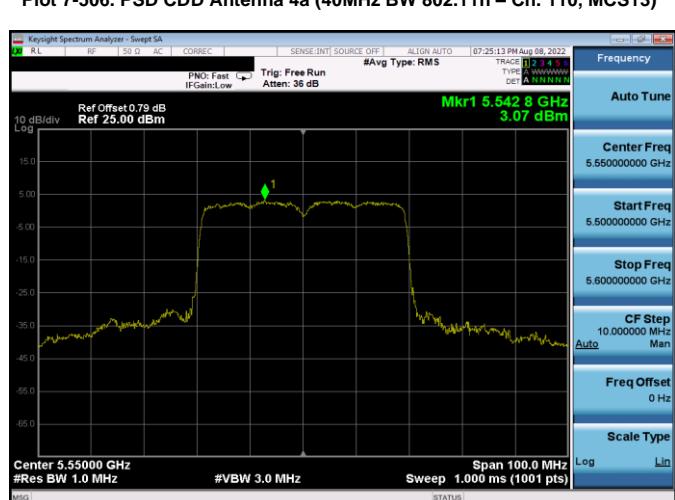
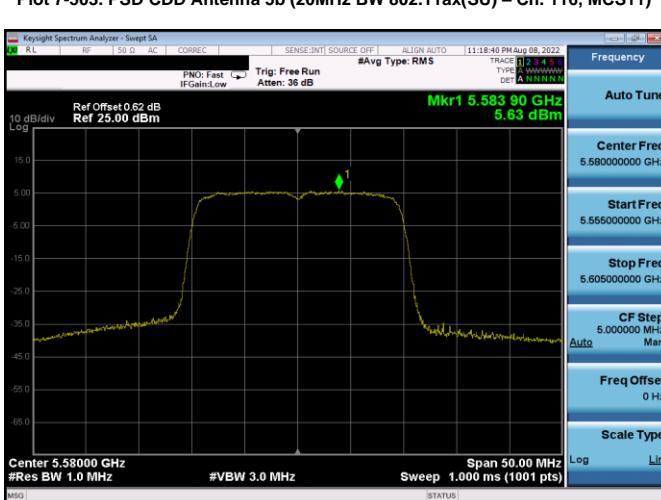
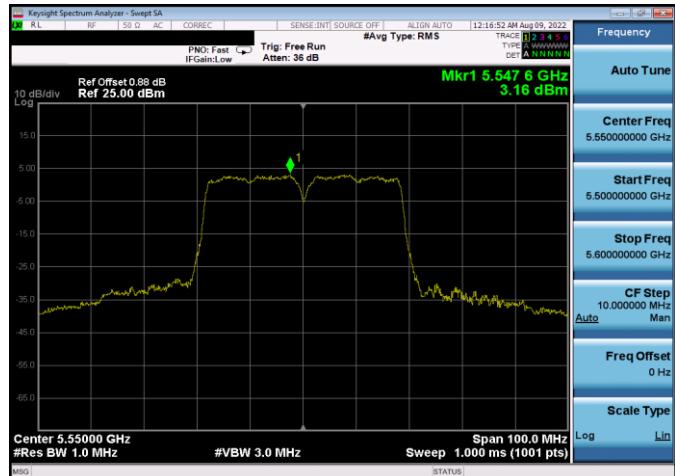
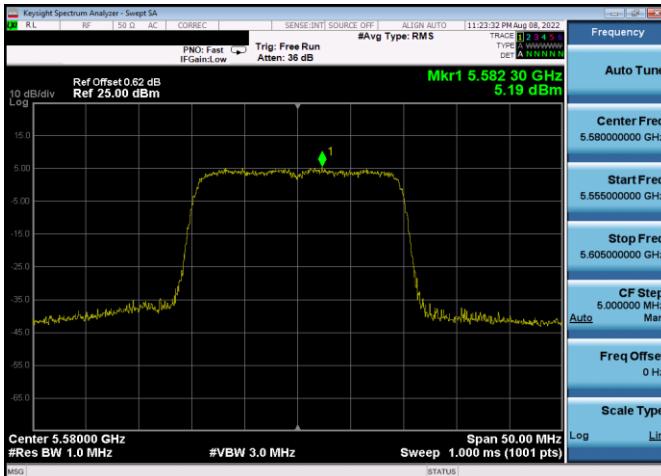


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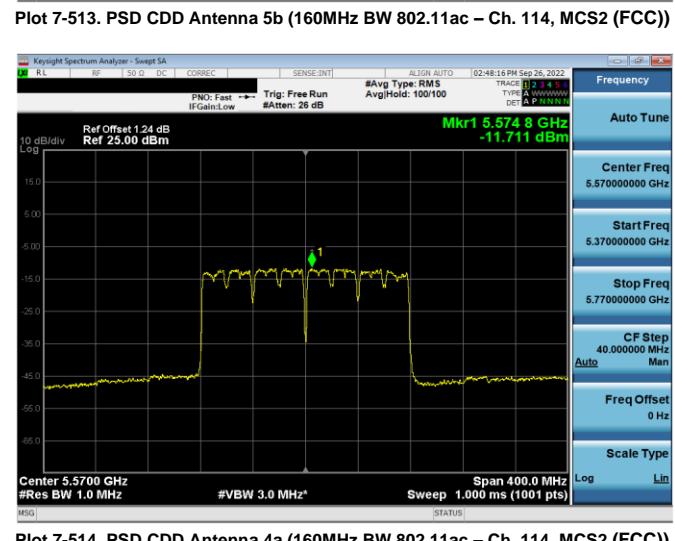
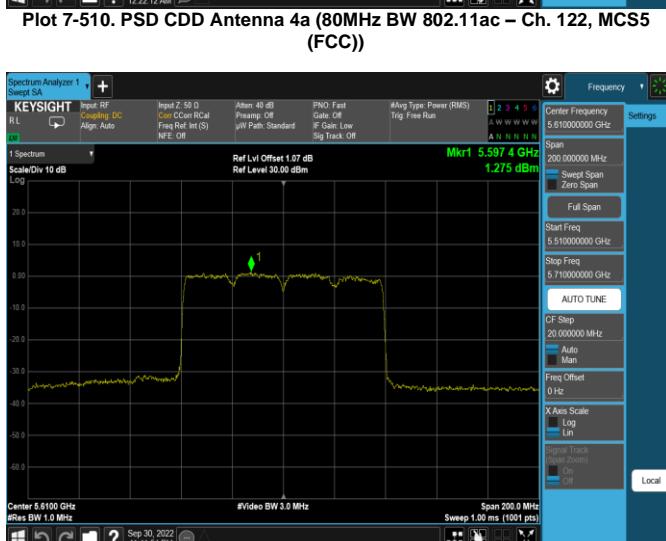
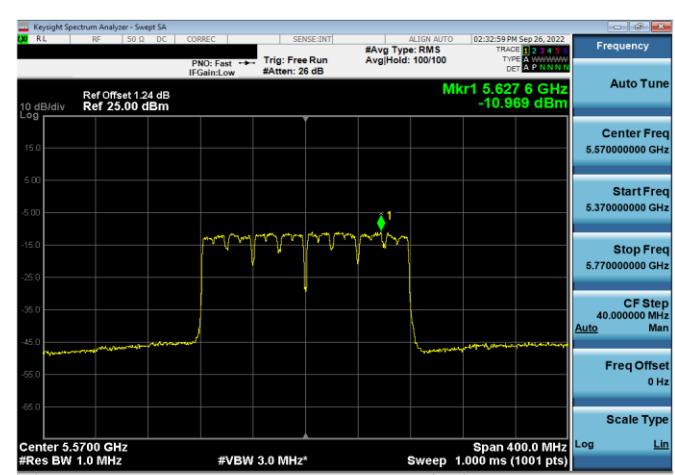
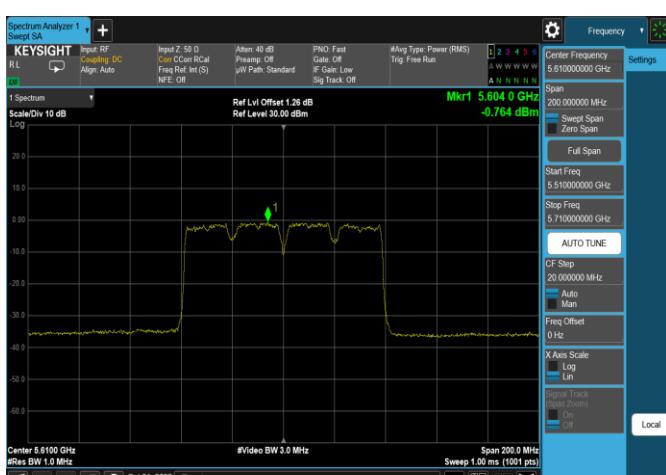
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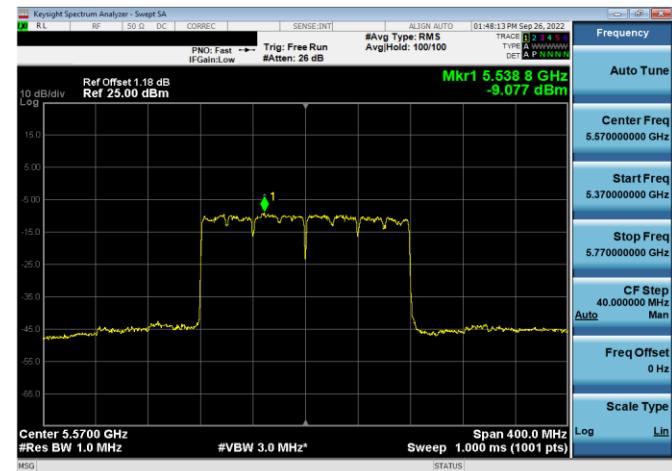
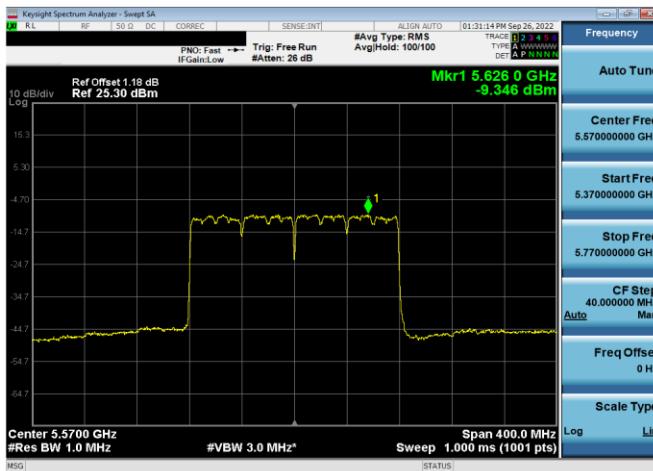
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FCC ID: BCGA2764 IC: 579C-A2764	 <b>element</b>	<b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
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	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Antenna 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)	5.83	6.67	9.28	30.0	-20.72
	5785	157	n (20MHz)	CDD	39/43.3 (MCS10)	5.70	6.69	9.23	30.0	-20.77
	5825	165	n (20MHz)	CDD	39/43.3 (MCS10)	6.06	7.06	9.60	30.0	-20.40
	5745	149	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	4.70	5.42	8.09	30.0	-21.91
	5785	157	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	4.34	5.13	7.76	30.0	-22.24
	5825	165	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	4.67	5.54	8.14	30.0	-21.86
	5755	151	n (40MHz)	CDD	81/90 (MCS10)	2.57	3.26	5.94	30.0	-24.06
	5795	159	n (40MHz)	CDD	81/90 (MCS10)	2.86	3.11	6.00	30.0	-24.00
	5755	151	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	1.38	1.80	4.60	30.0	-25.40
	5795	159	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	2.09	1.78	4.95	30.0	-25.05
	5775	155	ac (80MHz)	CDD	175.5/195 (MCS2)	0.86	0.32	3.61	30.0	-26.39
	5775	155	ax (SU) (80MHz)	CDD	204/216.2 (MCS2)	-1.35	-1.68	1.50	30.0	-28.50

**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)	6.21	6.85	9.55	30.0	-20.45
	5785	157	n (20MHz)	CDD	78/86.7 (MCS12)	5.78	6.71	9.28	30.0	-20.72
	5825	165	n (20MHz)	CDD	78/86.7 (MCS12)	6.03	6.95	9.52	30.0	-20.48
	5745	149	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	4.99	5.47	8.24	30.0	-21.76
	5785	157	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	4.61	5.51	8.10	30.0	-21.90
	5825	165	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	5.14	5.88	8.53	30.0	-21.47
	5755	151	n (40MHz)	CDD	162/180 (MCS12)	2.92	3.58	6.27	30.0	-23.73
	5795	159	n (40MHz)	CDD	162/180 (MCS12)	3.37	3.30	6.35	30.0	-23.65
	5755	151	ax (SU) (40MHz)	CDD	196/206.5 (MCS4)	1.78	1.98	4.89	30.0	-25.11
	5795	159	ax (SU) (40MHz)	CDD	196/206.5 (MCS4)	2.01	2.22	5.13	30.0	-24.87
	5775	155	ac (80MHz)	CDD	351/390 (MCS4)	0.58	0.36	3.48	30.0	-26.52
	5775	155	ax (SU) (80MHz)	CDD	408/432.4 (MCS4)	-1.78	-2.95	0.69	30.0	-29.31

**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)	5.34	5.97	8.68	30.0	-21.32
	5785	157	n (20MHz)	CDD	130/144.4 (MCS15)	5.11	5.83	8.49	30.0	-21.51
	5825	165	n (20MHz)	CDD	130/144.4 (MCS15)	5.45	6.15	8.83	30.0	-21.17
	5745	149	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	4.95	4.95	7.96	30.0	-22.04
	5785	157	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	4.78	4.83	7.81	30.0	-22.19
	5825	165	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	5.41	5.37	8.40	30.0	-21.60
	5755	151	n (40MHz)	CDD	270/300 (MCS15)	2.20	2.89	5.57	30.0	-24.43
	5795	159	n (40MHz)	CDD	270/300 (MCS15)	2.23	2.69	5.47	30.0	-24.53
	5755	151	ax (SU) (40MHz)	CDD	540/573.5 (MCS11)	2.22	2.51	5.37	30.0	-24.63
	5795	159	ax (SU) (40MHz)	CDD	540/573.5 (MCS11)	2.13	2.71	5.44	30.0	-24.56
	5775	155	ac (80MHz)	CDD	780/866.7 (MCS9)	-1.59	-2.15	1.15	30.0	-28.85
	5775	155	ax (SU) (80MHz)	CDD	1134/1201 (MCS11)	-2.56	-3.08	0.20	30.0	-29.80

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

FCC ID: BCGA2764 IC: 579C-A2764	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-19.BCG	Test Dates: 05/30/2022-09/30/2022	EUT Type: Tablet Device	Page 179 of 365