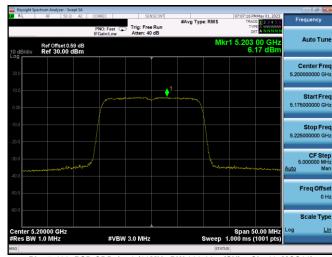
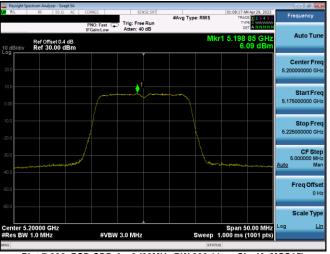


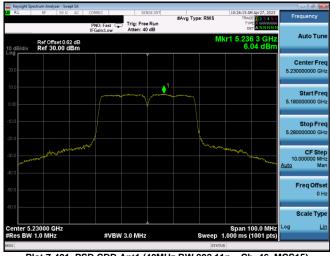
Plot 7-397. PSD CDD Ant1 (20MHz BW 802.11n - Ch. 40, MCS15)



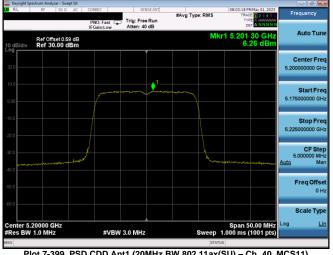
Plot 7-400. PSD CDD Ant2 (20MHz BW 802.11ax(SU) - Ch. 40, MCS11)



Plot 7-398. PSD CDD Ant2 (20MHz BW 802.11n - Ch. 40, MCS15)



Plot 7-401. PSD CDD Ant1 (40MHz BW 802.11n - Ch. 46, MCS15)



Plot 7-399. PSD CDD Ant1 (20MHz BW 802.11ax(SU) - Ch. 40, MCS11)



Plot 7-402. PSD CDD Ant2 (40MHz BW 802.11n - Ch. 46, MCS15)

FCC ID: BCGA2117 IC: 579C-A2117	element	element MEASUREMENT REPORT (CERTIFICATION)	
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Plot 7-403. PSD CDD Ant1 (40MHz BW 802.11ax(SU) - Ch. 46, MCS11)



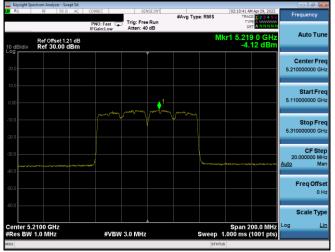
Plot 7-406. PSD CDD Ant2 (80MHz BW 802.11ac - Ch. 42, MCS8)



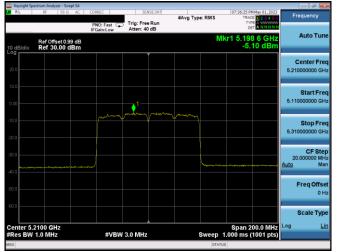
Plot 7-404. PSD CDD Ant2 (40MHz BW 802.11ax(SU) - Ch. 46, MCS11)



Plot 7-407. PSD CDD Ant1 (80MHz BW 802.11ax(SU) - Ch. 42, MCS11)



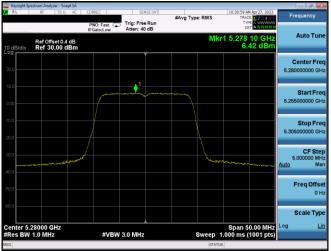
Plot 7-405. PSD CDD Ant1 (80MHz BW 802.11ac - Ch. 42, MCS8)



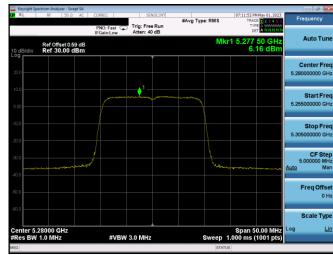
Plot 7-408. PSD CDD Ant2 (80MHz BW 802.11ax(SU) - Ch. 42, MCS11)

FCC ID: BCGA2117 IC: 579C-A2117	element	element MEASUREMENT REPORT (CERTIFICATION)	
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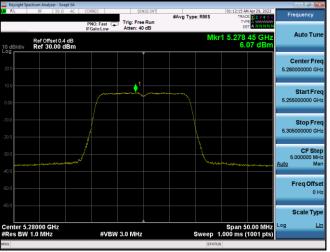




Plot 7-409. PSD CDD Ant1 (20MHz BW 802.11n - Ch. 56, MCS15)



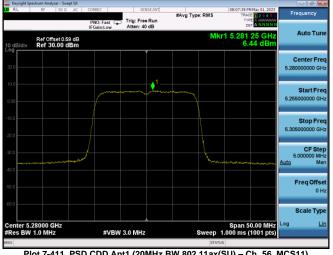
Plot 7-412. PSD CDD Ant2 (20MHz BW 802.11ax(SU) - Ch. 56, MCS11)



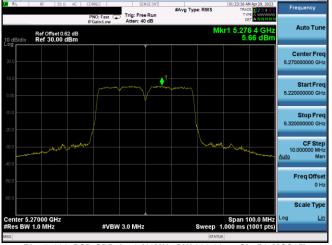
Plot 7-410. PSD CDD Ant2 (20MHz BW 802.11n - Ch. 56, MCS15)



Plot 7-413. PSD CDD Ant1 (40MHz BW 802.11n - Ch. 54, MCS15)



Plot 7-411. PSD CDD Ant1 (20MHz BW 802.11ax(SU) - Ch. 56, MCS11)



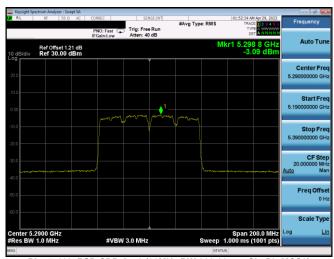
Plot 7-414. PSD CDD Ant2 (40MHz BW 802.11n - Ch. 54, MCS15)

FCC ID: BCGA2117 IC: 579C-A2117	element	element MEASUREMENT REPORT (CERTIFICATION)	
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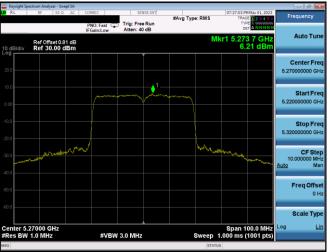




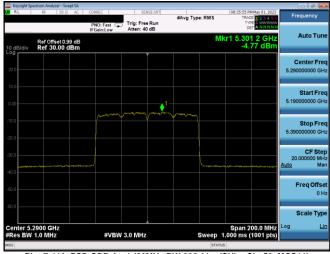
Plot 7-415. PSD CDD Ant1 (40MHz BW 802.11ax(SU) - Ch. 54, MCS11)



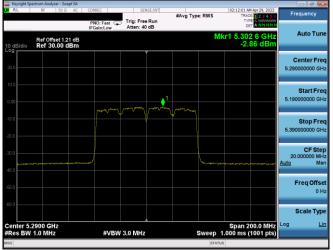
Plot 7-418. PSD CDD Ant2 (80MHz BW 802.11ac - Ch. 58, MCS8)



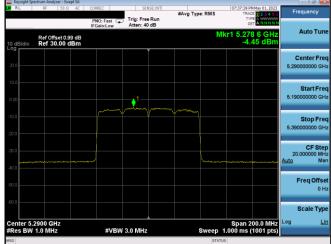
Plot 7-416. PSD CDD Ant2 (40MHz BW 802.11ax(SU) - Ch. 54, MCS11)



Plot 7-419. PSD CDD Ant1 (80MHz BW 802.11ax(SU) - Ch. 58, MCS11)



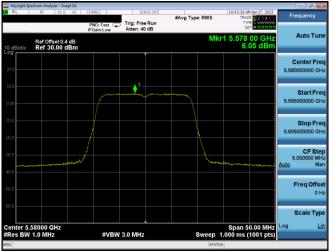
Plot 7-417. PSD CDD Ant1 (80MHz BW 802.11ac - Ch. 58, MCS8)



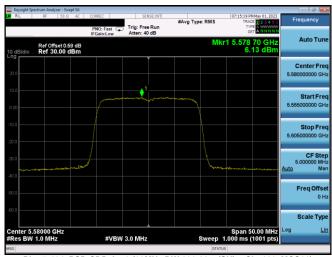
Plot 7-420. PSD CDD Ant2 (80MHz BW 802.11ax(SU) - Ch. 58, MCS11)

FCC ID: BCGA2117 IC: 579C-A2117	element	element MEASUREMENT REPORT (CERTIFICATION)	
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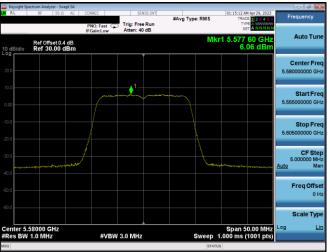




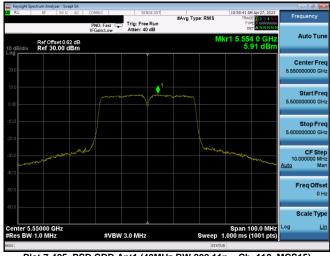
Plot 7-421. PSD CDD Ant1 (20MHz BW 802.11n - Ch. 116, MCS15)



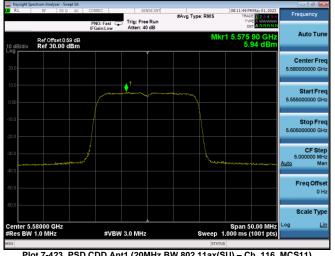
Plot 7-424. PSD CDD Ant2 (20MHz BW 802.11ax(SU) - Ch. 116, MCS11)



Plot 7-422. PSD CDD Ant2 (20MHz BW 802.11n - Ch. 116, MCS15)



Plot 7-425. PSD CDD Ant1 (40MHz BW 802.11n - Ch. 110, MCS15)



Plot 7-423. PSD CDD Ant1 (20MHz BW 802.11ax(SU) - Ch. 116, MCS11)



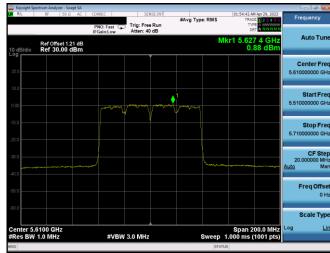
Plot 7-426. PSD CDD Ant2 (40MHz BW 802.11n - Ch. 110, MCS15)

FCC ID: BCGA2117 IC: 579C-A2117	element	element MEASUREMENT REPORT (CERTIFICATION)	
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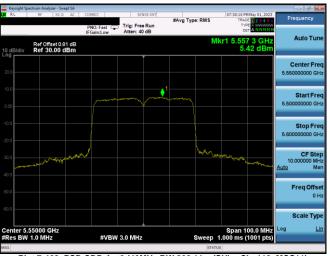




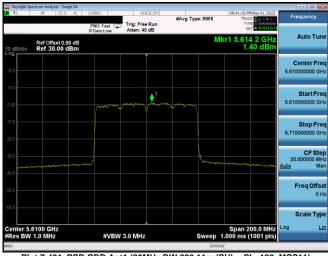
Plot 7-427. PSD CDD Ant1 (40MHz BW 802.11ax(SU) - Ch. 110, MCS11)



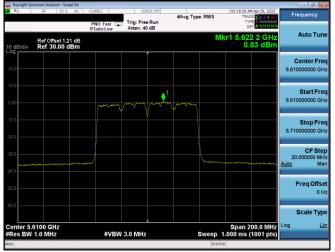
Plot 7-430. PSD CDD Ant2 (80MHz BW 802.11ac - Ch. 122, MCS8)



Plot 7-428. PSD CDD Ant2 (40MHz BW 802.11ax(SU) - Ch. 110, MCS11)



Plot 7-431. PSD CDD Ant1 (80MHz BW 802.11ax(SU) - Ch. 122, MCS11)



Plot 7-429. PSD CDD Ant1 (80MHz BW 802.11ac - Ch. 122, MCS8)



Plot 7-432. PSD CDD Ant2 (80MHz BW 802.11ax(SU) - Ch. 122, MCS11)

FCC ID: BCGA2117 IC: 579C-A2117	element	element MEASUREMENT REPORT (CERTIFICATION)	
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	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Ant1 Power Density [dBm/500kHz]	Ant2 Power Density [dBm/500kHz]	Summed Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
	5745	149	n (20MHz)	CDD	39/43.3 (MCS10)	6.69	6.87	9.79	30.0	-20.21
	5785	157	n (20MHz)	CDD	39/43.3 (MCS10)	7.40	7.66	10.54	30.0	-19.46
	5825	165	n (20MHz)	CDD	39/43.3 (MCS10)	6.64	7.19	9.93	30.0	-20.07
	5745	149	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	4.63	4.78	7.72	30.0	-22.28
	5785	157	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	5.18	5.67	8.44	30.0	-21.56
р 9	5825	165	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	4.92	5.30	8.12	30.0	-21.88
Band	5755	151	n (40MHz)	CDD	81/90 (MCS10)	4.20	4.25	7.24	30.0	-22.76
_	5795	159	n (40MHz)	CDD	81/90 (MCS10)	4.52	5.39	7.99	30.0	-22.01
	5755	151	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	2.40	2.65	5.54	30.0	-24.46
	5795	159	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	2.34	2.78	5.58	30.0	-24.42
	5775	155	ac (80MHz)	CDD	175.5/195 (MCS2)	0.92	0.83	3.88	30.0	-26.12
	5775	155	ax (SU) (80MHz)	CDD	204/216.2 (MCS2)	-2.05	-2.58	0.70	30.0	-29.30

Table 7-113. Band 3 Power Spectral Density Measurements CDD (Low Data Rate)

	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Ant1 Power Density [dBm/500kHz]	Ant2 Power Density [dBm/500kHz]	Summed Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
	5745	149	n (20MHz)	CDD	78/86.7 (MCS12)	7.47	7.39	10.44	30.0	-19.56
	5785	157	n (20MHz)	CDD	78/86.7 (MCS12)	7.70	7.75	10.74	30.0	-19.26
	5825	165	n (20MHz)	CDD	78/86.7 (MCS12)	7.17	7.75	10.48	30.0	-19.52
	5745	149	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	4.83	5.01	7.93	30.0	-22.07
	5785	157	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	5.63	5.71	8.68	30.0	-21.32
g 3	5825	165	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	4.73	5.36	8.07	30.0	-21.93
Band	5755	151	n (40MHz)	CDD	162/180 (MCS12)	4.06	3.87	6.98	30.0	-23.02
	5795	159	n (40MHz)	CDD	162/180 (MCS12)	4.94	5.35	8.16	30.0	-21.84
	5755	151	ax (SU) (40MHz)	CDD	196/206.5 (MCS4)	2.26	2.79	5.54	30.0	-24.46
	5795	159	ax (SU) (40MHz)	CDD	196/206.5 (MCS4)	2.69	3.26	6.00	30.0	-24.00
	5775	155	ac (80MHz)	CDD	351/390 (MCS4)	-0.25	0.61	3.21	30.0	-26.79
	5775	155	ax (SU) (80MHz)	CDD	408/432.4 (MCS4)	-2.27	-2.05	0.85	30.0	-29.15

Table 7-114. Band 3 Power Spectral Density Measurements CDD (Mid Data Rate)

	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Ant1 Power Density [dBm/500kHz]	Ant2 Power Density [dBm/500kHz]	Summed Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
	5745	149	n (20MHz)	CDD	130/144.4 (MCS15)	5.82	6.73	9.31	30.0	-20.69
	5785	157	n (20MHz)	CDD	130/144.4 (MCS15)	6.46	6.82	9.65	30.0	-20.35
	5825	165	n (20MHz)	CDD	130/144.4 (MCS15)	5.62	6.49	9.08	30.0	-20.92
	5745	149	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	5.36	5.43	8.41	30.0	-21.59
	5785	157	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	5.75	6.27	9.03	30.0	-20.97
9	5825	165	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	5.07	5.76	8.43	30.0	-21.57
Band	5755	151	n (40MHz)	CDD	270/300 (MCS15)	2.36	2.91	5.65	30.0	-24.35
_	5795	159	n (40MHz)	CDD	270/300 (MCS15)	4.36	4.75	7.57	30.0	-22.43
	5755	151	ax (SU) (40MHz)	CDD	540/573.5 (MCS11)	2.95	3.27	6.12	30.0	-23.88
	5795	159	ax (SU) (40MHz)	CDD	540/573.5 (MCS11)	3.11	3.33	6.23	30.0	-23.77
	5775	155	ac (80MHz)	CDD	702/780 (MCS8)	-0.86	-0.36	2.41	30.0	-27.59
	5775	155	ax (SU) (80MHz)	CDD	1134/1201 (MCS11)	-1.43	-2.05	1.28	30.0	-28.72

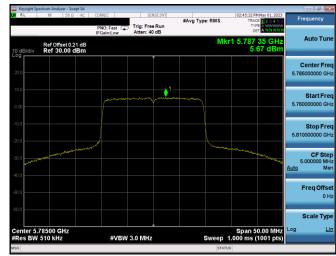
Table 7-115. Band 3 Power Spectral Density Measurements CDD (High Data Rate)

FCC ID: BCGA2117 IC: 579C-A2117	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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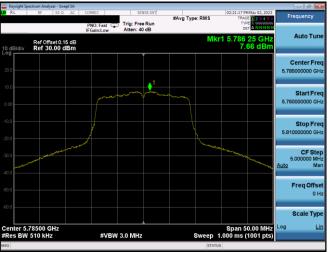




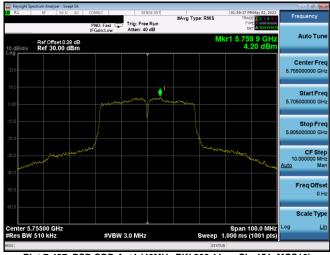
Plot 7-433. PSD CDD Ant1 (20MHz BW 802.11n - Ch. 157, MCS10)



Plot 7-436. PSD CDD Ant2 (20MHz BW 802.11ax(SU) - Ch. 157, MCS2)



Plot 7-434. PSD CDD Ant2 (20MHz BW 802.11n - Ch. 157, MCS10)



Plot 7-437. PSD CDD Ant1 (40MHz BW 802.11n - Ch. 151, MCS10)



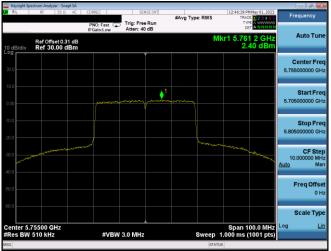
Plot 7-435. PSD CDD Ant1 (20MHz BW 802.11ax(SU) - Ch. 157, MCS2)



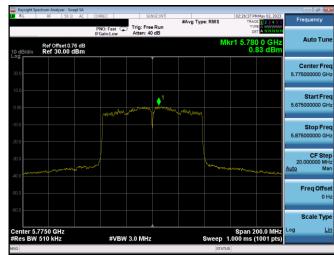
Plot 7-438. PSD CDD Ant2 (40MHz BW 802.11n - Ch. 151, MCS10)

FCC ID: BCGA2117 IC: 579C-A2117	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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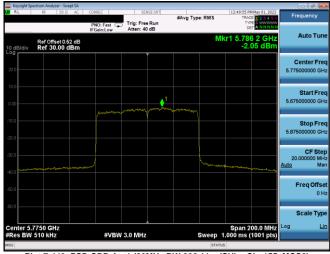
Plot 7-439. PSD CDD Ant1 (40MHz BW 802.11ax(SU) - Ch. 151, MCS2)



Plot 7-442. PSD CDD Ant2 (80MHz BW 802.11ac - Ch. 155, MCS2)



Plot 7-440. PSD CDD Ant2 (40MHz BW 802.11ax(SU) - Ch. 151, MCS2)



Plot 7-443. PSD CDD Ant1 (80MHz BW 802.11ax(SU) - Ch. 155, MCS2)



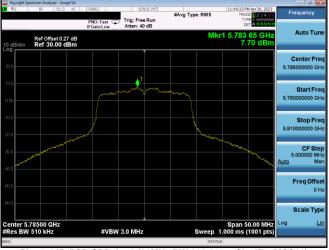
Plot 7-441. PSD CDD Ant1 (80MHz BW 802.11ac - Ch. 155, MCS2)



Plot 7-444. PSD CDD Ant2 (80MHz BW 802.11ax(SU) - Ch. 155, MCS2)

FCC ID: BCGA2117 IC: 579C-A2117	element	element MEASUREMENT REPORT (CERTIFICATION)	
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Plot 7-445. PSD CDD Ant1 (20MHz BW 802.11n - Ch. 157, MCS12)



Plot 7-448. PSD CDD Ant2 (20MHz BW 802.11ax(SU) - Ch. 157, MCS4)



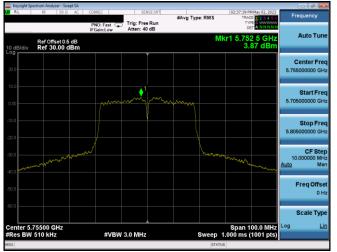
Plot 7-446. PSD CDD Ant2 (20MHz BW 802.11n - Ch. 157, MCS12)



Plot 7-449. PSD CDD Ant1 (40MHz BW 802.11n - Ch. 151, MCS12)



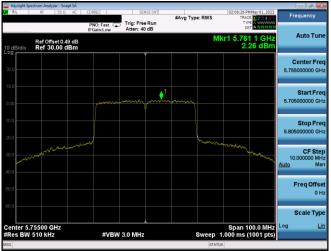
Plot 7-447. PSD CDD Ant1 (20MHz BW 802.11ax(SU) - Ch. 157, MCS4)



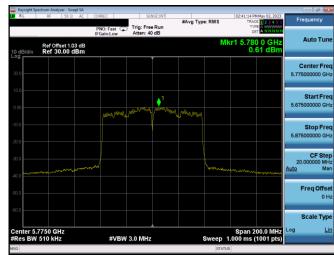
Plot 7-450. PSD CDD Ant2 (40MHz BW 802.11n - Ch. 151, MCS12)

FCC ID: BCGA2117 IC: 579C-A2117	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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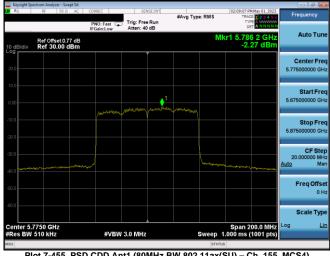
Plot 7-451. PSD CDD Ant1 (40MHz BW 802.11ax(SU) - Ch. 151, MCS4)



Plot 7-454. PSD CDD Ant2 (80MHz BW 802.11ac - Ch. 155, MCS4)



Plot 7-452. PSD CDD Ant2 (40MHz BW 802.11ax(SU) - Ch. 151, MCS4)



Plot 7-455. PSD CDD Ant1 (80MHz BW 802.11ax(SU) - Ch. 155, MCS4)



Plot 7-453. PSD CDD Ant1 (80MHz BW 802.11ac - Ch. 155, MCS4)



Plot 7-456. PSD CDD Ant2 (80MHz BW 802.11ax(SU) - Ch. 155, MCS4)

FCC ID: BCGA2117 IC: 579C-A2117	element MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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