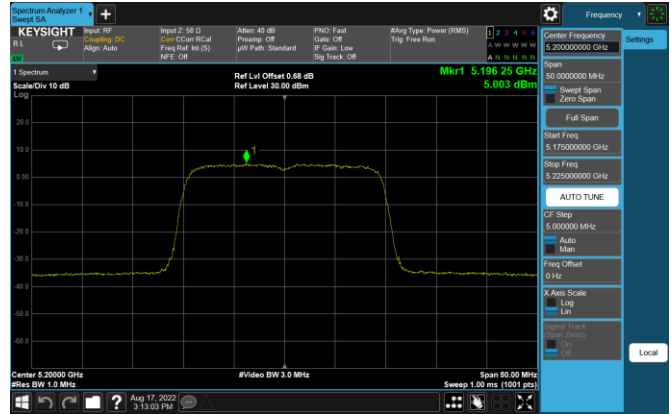
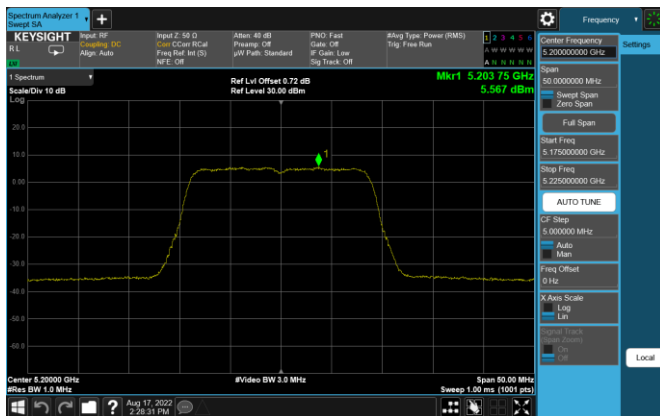


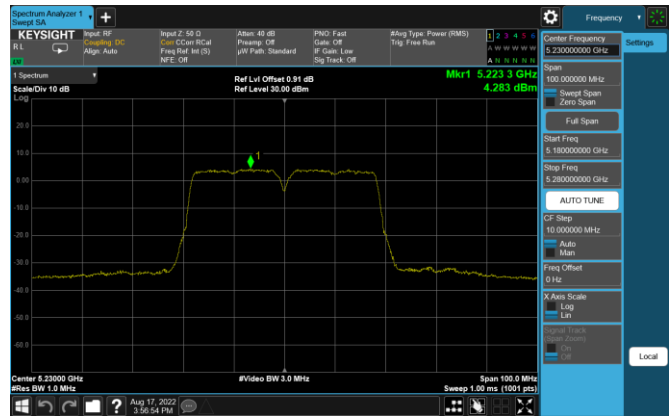
Plot 7-401. PSD SDM Antenna WF8 (20MHz BW 802.11n – Ch. 40, MCS15)



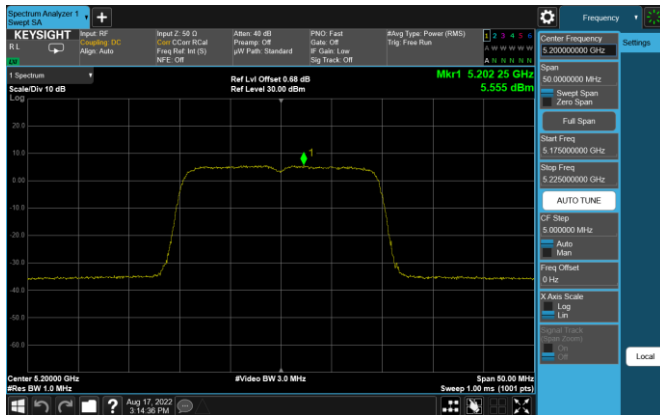
Plot 7-404. PSD SDM Antenna WF7a (20MHz BW 802.11ax(SU) – Ch. 40, MCS11)



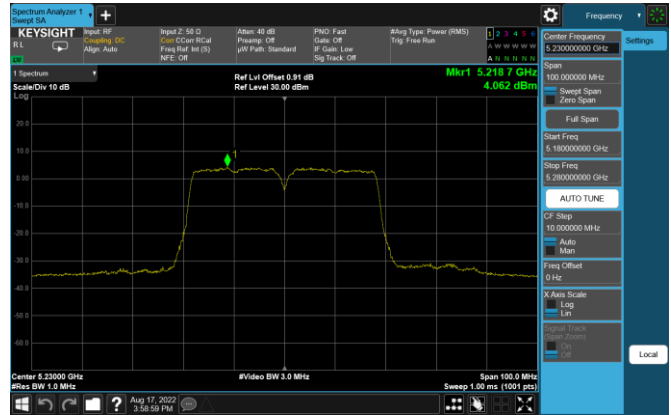
Plot 7-402. PSD SDM Antenna WF7a (20MHz BW 802.11n – Ch. 40, MCS15)



Plot 7-405. PSD CDD Antenna WF8 (40MHz BW 802.11n – Ch. 46, MCS15)

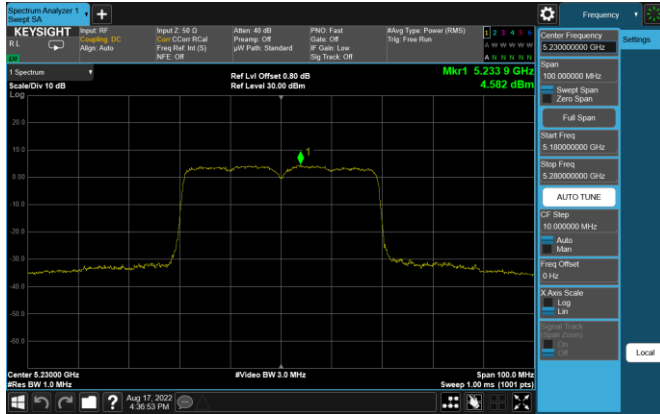


Plot 7-403. PSD SDM Antenna WF8 (20MHz BW 802.11ax(SU) – Ch. 40, MCS11)

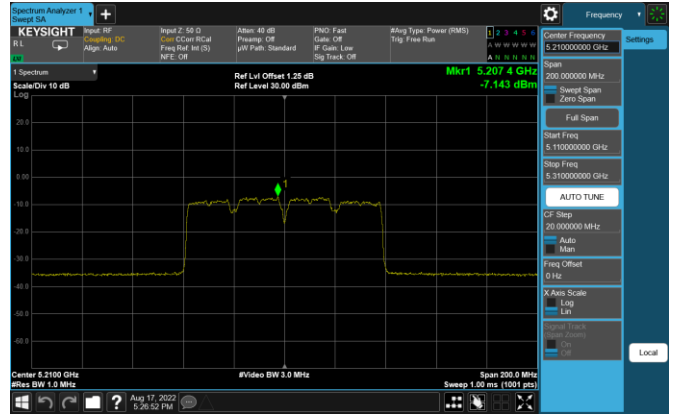


Plot 7-406. PSD CDD Antenna WF7a (40MHz BW 802.11n – Ch. 46, MCS15)

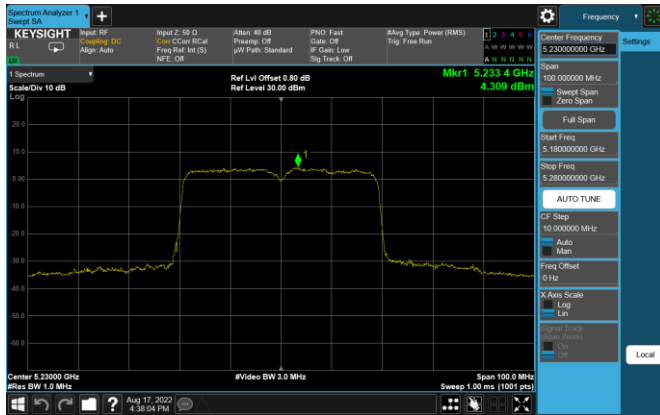
FCC ID: BCGA2696 IC: 579C-A2696		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090022-07.BCG	Test Dates: 8/7/2022 – 9/7/2022	EUT Type: Tablet Device	Page 143 of 358



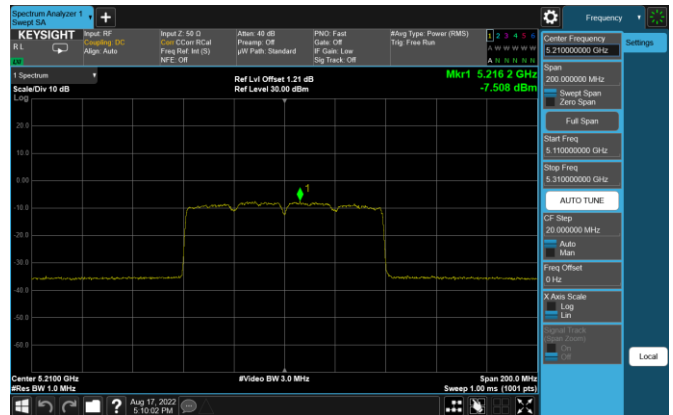
Plot 7-407. PSD CDD Antenna WF8 (40MHz BW 802.11ax(SU) – Ch. 46, MCS11)



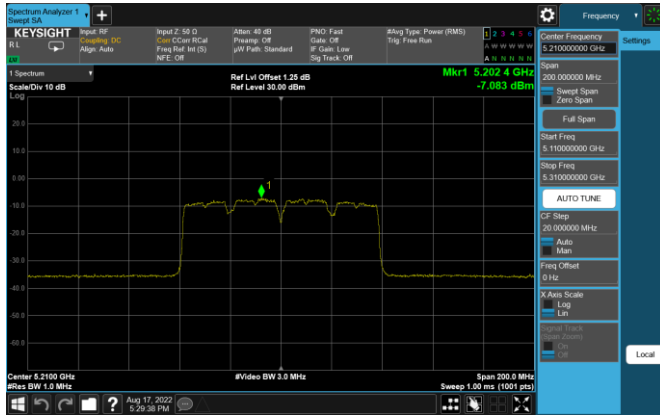
Plot 7-410. PSD CDD Antenna WF7a (80MHz BW 802.11ac – Ch. 42, MCS9)



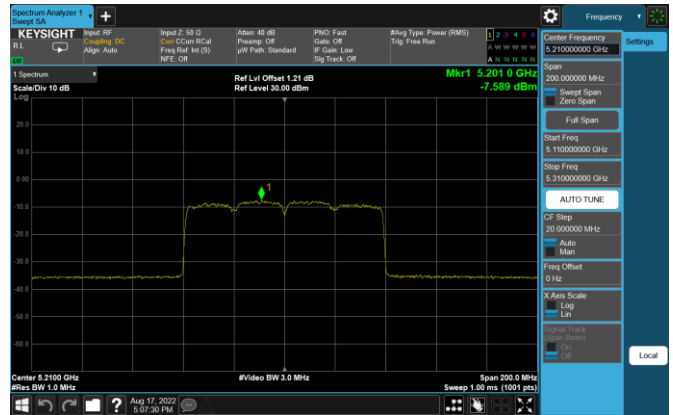
Plot 7-408. PSD CDD Antenna WF7a (40MHz BW 802.11ax(SU) – Ch. 46, MCS11)



Plot 7-411. PSD CDD Antenna WF8 (80MHz BW 802.11ax(SU) – Ch. 42, MCS11)

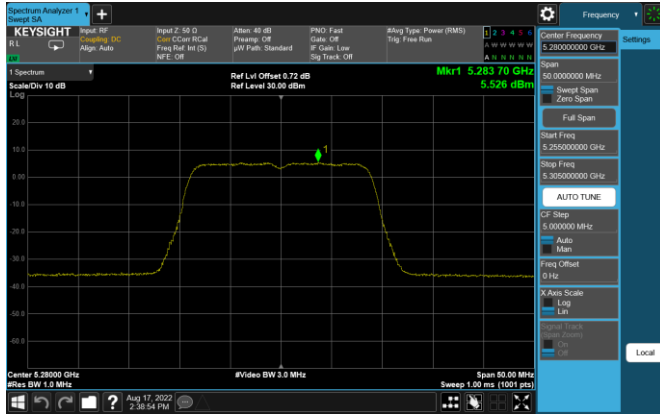


Plot 7-409. PSD CDD Antenna WF8 (80MHz BW 802.11ac – Ch. 42, MCS9)

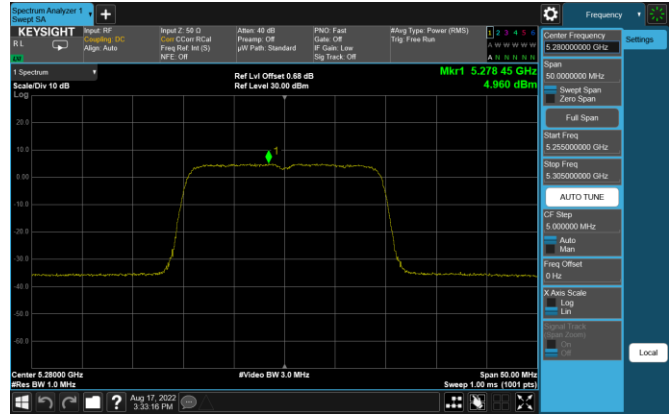


Plot 7-412. PSD CDD Antenna WF7a (80MHz BW 802.11ax(SU) – Ch. 42, MCS11)

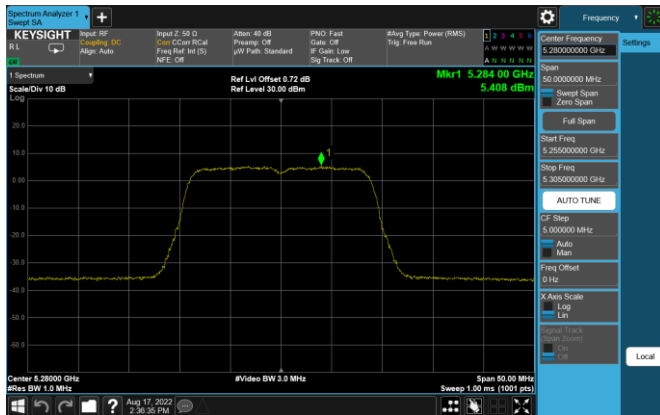
FCC ID: BCGA2696 IC: 579C-A2696			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090022-07.BCG	Test Dates: 8/7/2022 – 9/7/2022	EUT Type: Tablet Device	Page 144 of 358	



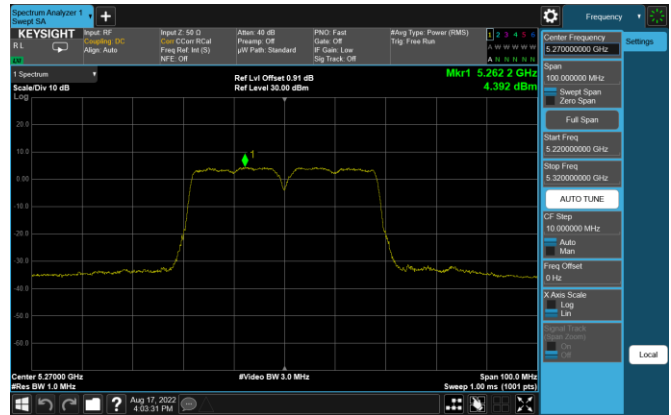
Plot 7-413. PSD SDM Antenna WF8 (20MHz BW 802.11n – Ch. 56, MCS15)



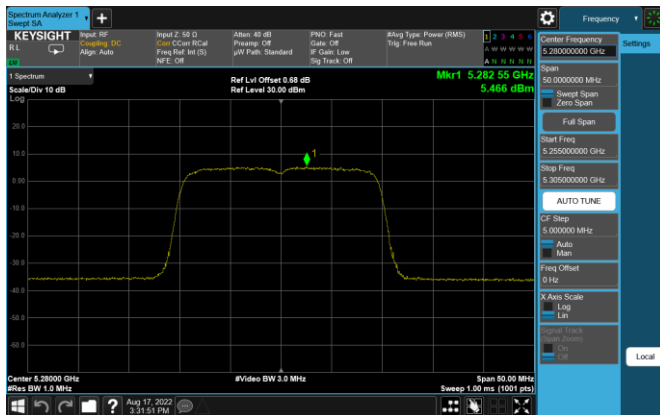
Plot 7-416. PSD SDM Antenna WF7a (20MHz BW 802.11ax(SU) – Ch. 56, MCS11)



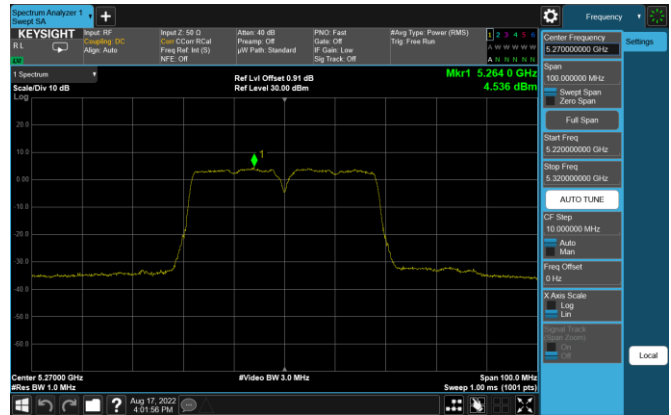
Plot 7-414. PSD SDM Antenna WF7a (20MHz BW 802.11n – Ch. 56, MCS15)



Plot 7-417. PSD CDD Antenna WF8 (40MHz BW 802.11n – Ch. 54, MCS15)

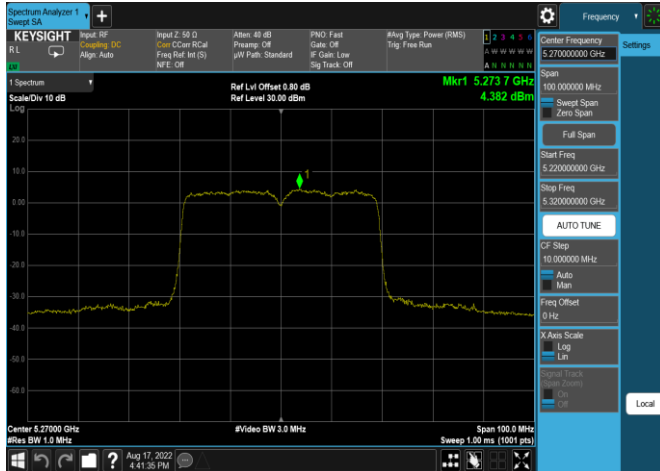


Plot 7-415. PSD SDM Antenna WF8 (20MHz BW 802.11ax(SU) – Ch. 56, MCS11)

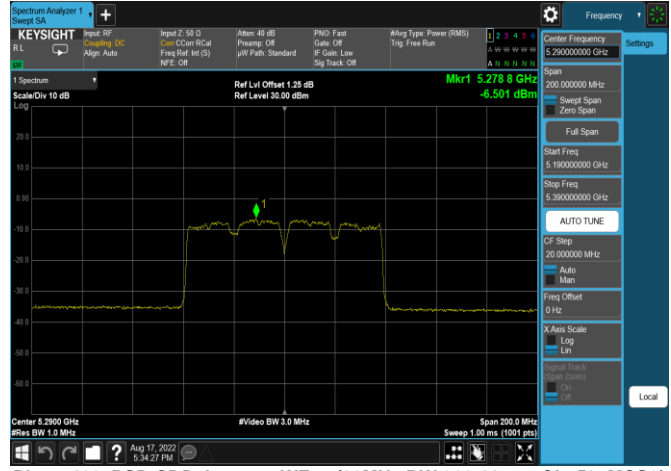


Plot 7-418. PSD CDD Antenna WF7a (40MHz BW 802.11n – Ch. 54, MCS15)

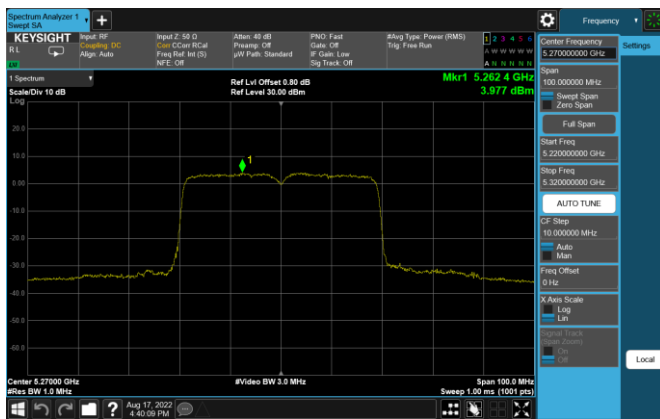
FCC ID: BCGA2696 IC: 579C-A2696		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
Test Report S/N: 1C2205090022-07.BCG			
Test Dates: 8/7/2022 – 9/7/2022	EUT Type: Tablet Device		Page 145 of 358



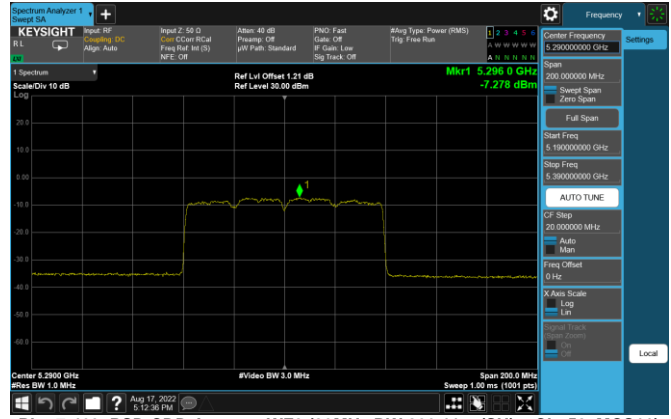
Plot 7-419. PSD CDD Antenna WF8 (40MHz BW 802.11ax(SU) – Ch. 54, MCS11)



Plot 7-422. PSD CDD Antenna WF7a (80MHz BW 802.11ac – Ch. 58, MCS9)



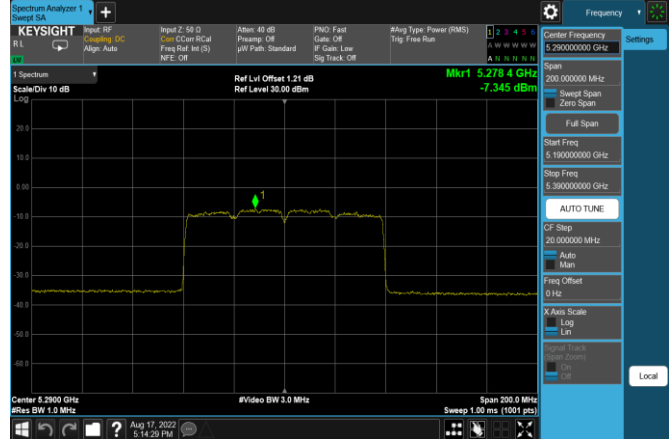
Plot 7-420. PSD CDD Antenna WF7a (40MHz BW 802.11ax(SU) – Ch. 54, MCS11)



Plot 7-423. PSD CDD Antenna WF8 (80MHz BW 802.11ax(SU) – Ch. 58, MCS11)

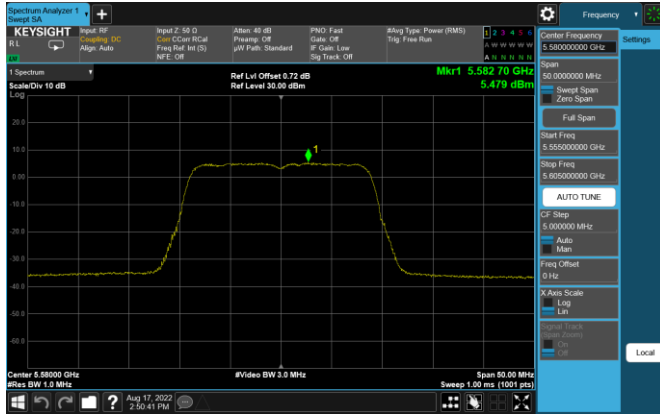


Plot 7-421. PSD CDD Antenna WF8 (80MHz BW 802.11ac – Ch. 58, MCS9)

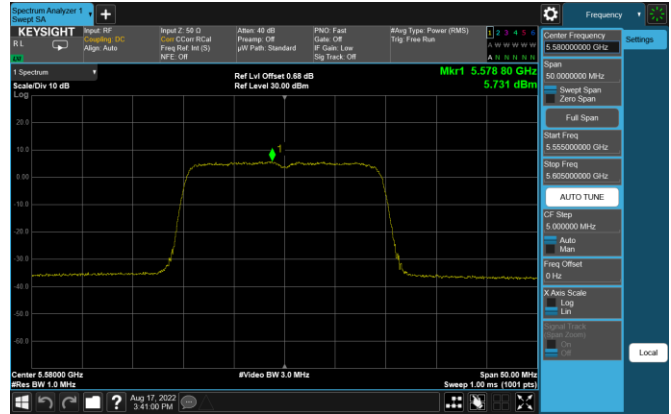


Plot 7-424. PSD CDD Antenna WF7a (80MHz BW 802.11ax(SU) – Ch. 58, MCS11)

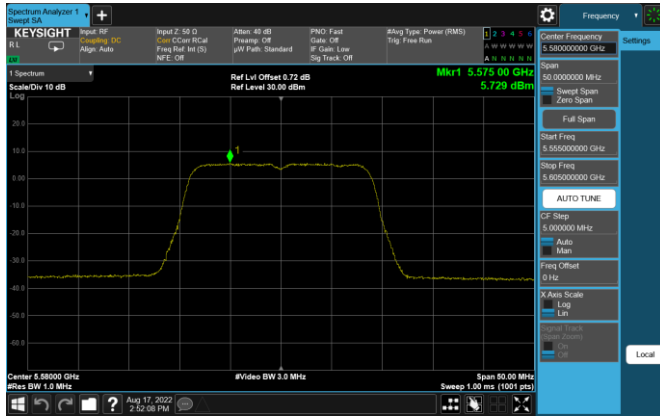
FCC ID: BCGA2696 IC: 579C-A2696	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090022-07.BCG	Test Dates: 8/7/2022 – 9/7/2022	EUT Type: Tablet Device	Page 146 of 358



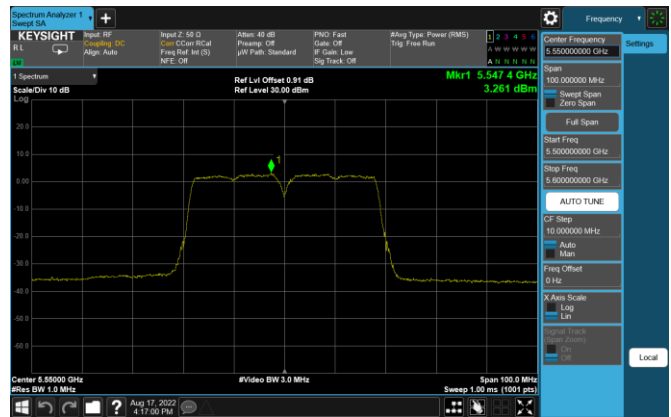
Plot 7-425. PSD CDD Antenna WF8 (20MHz BW 802.11n - Ch. 116, MCS15)



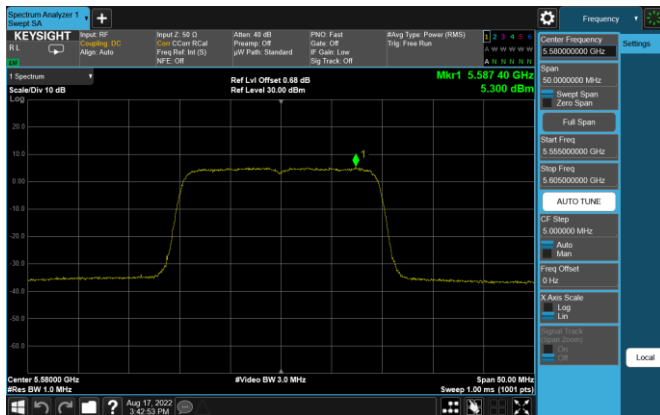
Plot 7-428. PSD CDD Antenna WF7a (20MHz BW 802.11ax(SU) - Ch. 116, MCS11)



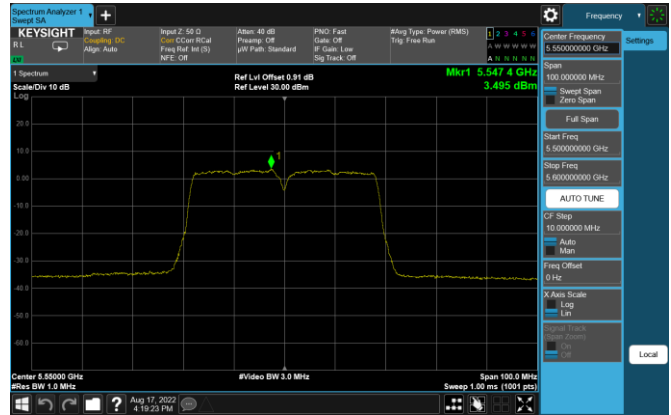
Plot 7-426. PSD CDD Antenna WF7a (20MHz BW 802.11n - Ch. 116, MCS15)



Plot 7-429. PSD CDD Antenna WF8 (40MHz BW 802.11n - Ch. 110, MCS15)

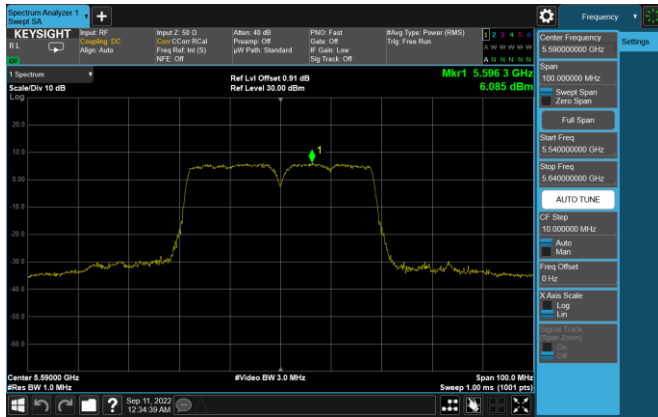


Plot 7-427. PSD CDD Antenna WF8 (20MHz BW 802.11ax(SU) - Ch. 116, MCS11)

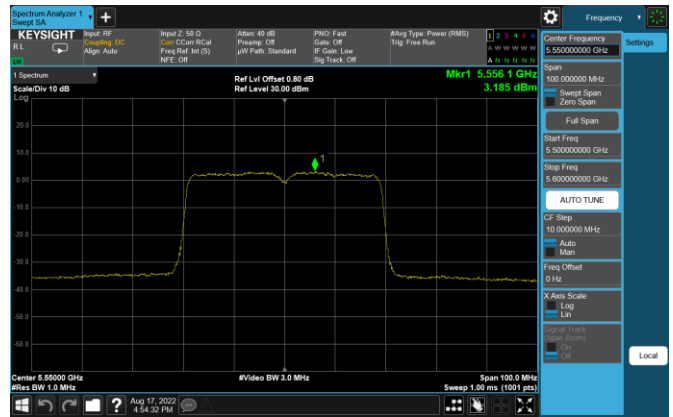


Plot 7-430. PSD CDD Antenna WF7a (40MHz BW 802.11n - Ch. 110, MCS15)

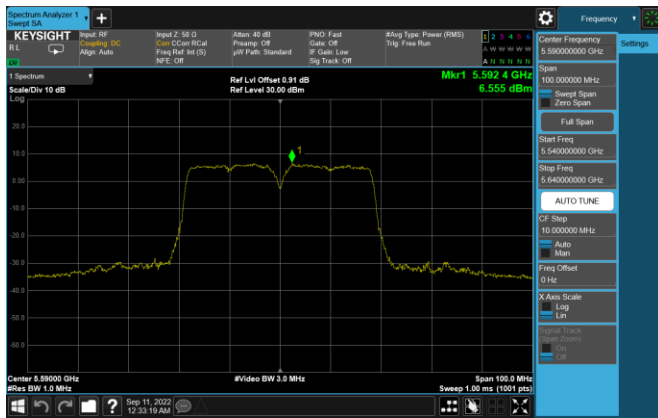
FCC ID: BCGA2696 IC: 579C-A2696			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090022-07.BCG	Test Dates: 8/7/2022 - 9/7/2022	EUT Type: Tablet Device	Page 147 of 358	



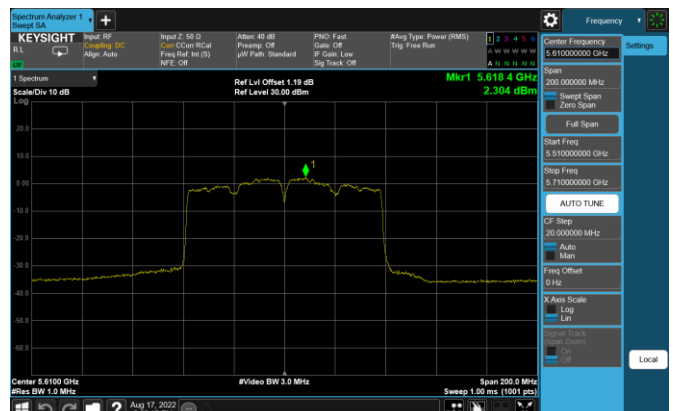
Plot 7-431. PSD CDD Antenna WF8 (40MHz BW 802.11n – Ch. 118, MCS15)



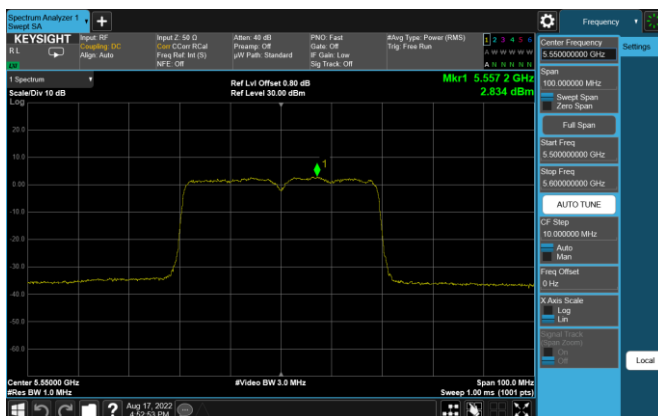
Plot 7-434. PSD CDD Antenna WF7a (40MHz BW 802.11ax(SU) – Ch. 110, MCS11)



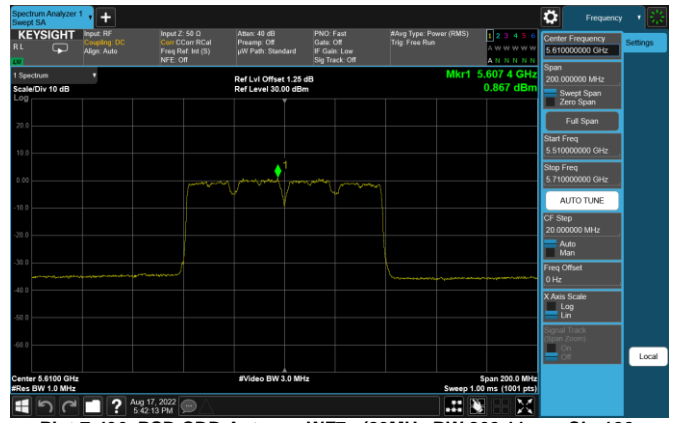
Plot 7-432. PSD CDD Antenna WF7a (40MHz BW 802.11n – Ch. 118, MCS15)



Plot 7-435. PSD CDD Antenna WF8 (80MHz BW 802.11ac – Ch. 122, MCS9)



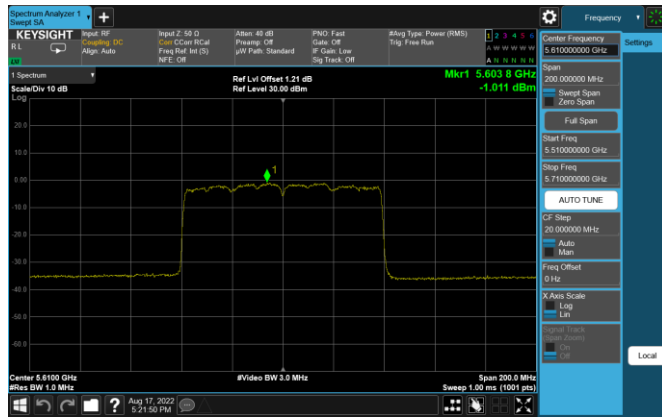
Plot 7-433. PSD CDD Antenna WF8 (40MHz BW 802.11ax(SU) – Ch. 110, MCS11)



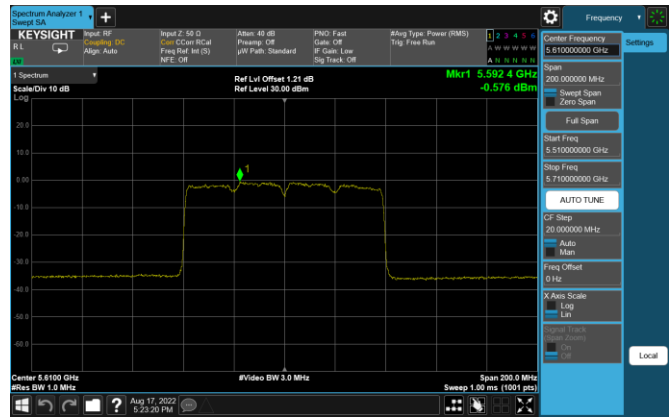
Plot 7-436. PSD CDD Antenna WF7a (80MHz BW 802.11ac – Ch. 122, MCS9)

FCC ID: BCGA2696 IC: 579C-A2696	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090022-07.BCG	Test Dates: 8/7/2022 – 9/7/2022	EUT Type: Tablet Device	Page 148 of 358





Plot 7-437. PSD CDD Antenna WF8 (80MHz BW 802.11ax(SU) – Ch. 122, MCS11)



Plot 7-438. PSD CDD Antenna WF7a (80MHz BW 802.11ax(SU) – Ch. 122, MCS11)

FCC ID: BCGA2696 IC: 579C-A2696	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
Test Report S/N: 1C2205090022-07.BCG	Test Dates: 8/7/2022 – 9/7/2022	EUT Type: Tablet Device	Page 149 of 358

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	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Antenna WF8 Power Density [dBm/500kHz]	Antenna WF7a Power Density [dBm/500kHz]	Summed Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	CDD	13/14.4 (MCS8)	7.63	7.63	10.64	28.4	-17.78
	5785	157	n (20MHz)	CDD	13/14.4 (MCS8)	6.21	5.80	9.02	28.4	-19.40
	5825	165	n (20MHz)	CDD	13/14.4 (MCS8)	8.09	8.06	11.09	28.4	-17.34
	5745	149	ax (SU) (20MHz)	CDD	16/17.2 (MCS0)	6.06	6.45	9.27	28.4	-19.15
	5785	157	ax (SU) (20MHz)	CDD	16/17.2 (MCS0)	4.71	4.38	7.56	28.4	-20.86
	5825	165	ax (SU) (20MHz)	CDD	16/17.2 (MCS0)	4.07	4.13	7.11	28.4	-21.31
	5755	151	n (40MHz)	CDD	27/30 (MCS8)	4.70	3.53	7.16	28.4	-21.26
	5795	159	n (40MHz)	CDD	27/30 (MCS8)	5.30	5.36	8.34	28.4	-20.08
	5755	151	ax (SU) (40MHz)	CDD	32/34.4 (MCS0)	2.84	3.40	6.14	28.4	-22.28
	5795	159	ax (SU) (40MHz)	CDD	32/34.4 (MCS0)	1.40	1.33	4.37	28.4	-24.05
	5775	155	ac (80MHz)	CDD	58.5/65 (MCS0)	1.67	1.82	4.75	28.4	-23.67
	5775	155	ax (SU) (80MHz)	CDD	68/72.1 (MCS0)	-0.40	-0.32	2.65	28.4	-25.77

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

	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Antenna WF8 Power Density [dBm/500kHz]	Antenna WF7a 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)	6.52	6.69	9.62	28.4	-18.81
	5785	157	n (20MHz)	CDD	78/86.7 (MCS12)	6.88	6.92	9.91	28.4	-18.51
	5825	165	n (20MHz)	CDD	78/86.7 (MCS12)	6.34	6.42	9.39	28.4	-19.03
	5745	149	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	6.61	6.79	9.71	28.4	-18.71
	5785	157	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	7.43	7.30	10.38	28.4	-18.05
	5825	165	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	6.95	7.00	9.99	28.4	-18.43
	5755	151	n (40MHz)	CDD	162/180 (MCS12)	5.89	5.81	8.86	28.4	-19.56
	5795	159	n (40MHz)	CDD	162/180 (MCS12)	5.73	5.58	8.67	28.4	-19.75
	5755	151	ax (SU) (40MHz)	CDD	196/206.5 (MCS4)	2.79	2.65	5.73	28.4	-22.69
	5795	159	ax (SU) (40MHz)	CDD	196/206.5 (MCS4)	4.55	4.47	7.52	28.4	-20.90
	5775	155	ac (80MHz)	CDD	351/390 (MCS4)	1.77	2.29	5.04	28.4	-23.38
	5775	155	ax (SU) (80MHz)	CDD	408/432.4 (MCS4)	-1.88	-1.87	1.14	28.4	-27.28

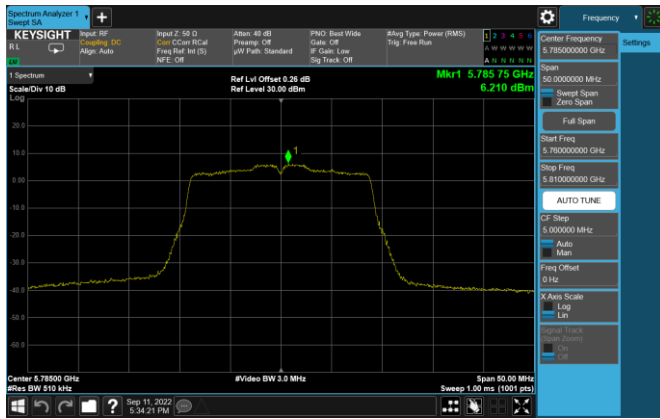
**Table 7-114. Band 3 Power Spectral Density Measurements CDD (Mid Data Rate)**

	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Antenna WF8 Power Density [dBm/500kHz]	Antenna WF7a 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)	7.74	7.99	10.88	28.4	-17.55
	5785	157	n (20MHz)	CDD	130/144.4 (MCS15)	7.21	8.19	10.73	28.4	-17.69
	5825	165	n (20MHz)	CDD	130/144.4 (MCS15)	5.65	5.75	8.71	28.4	-19.71
	5745	149	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	7.29	7.61	10.46	28.4	-17.96
	5785	157	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	7.76	7.74	10.76	28.4	-17.66
	5825	165	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	7.57	7.50	10.55	28.4	-17.88
	5755	151	n (40MHz)	CDD	270/300 (MCS15)	2.27	2.13	5.21	28.4	-23.21
	5795	159	n (40MHz)	CDD	270/300 (MCS15)	5.05	5.19	8.13	28.4	-20.29
	5755	151	ax (SU) (40MHz)	CDD	540/573.5 (MCS11)	3.38	3.33	6.36	28.4	-22.06
	5795	159	ax (SU) (40MHz)	CDD	540/573.5 (MCS11)	4.82	4.59	7.72	28.4	-20.71
	5775	155	ac (80MHz)	CDD	780/866.7 (MCS9)	-1.54	-1.47	1.51	28.4	-26.92
	5775	155	ax (SU) (80MHz)	CDD	780/866.7 (MCS9)	-1.89	-1.91	1.11	28.4	-27.31

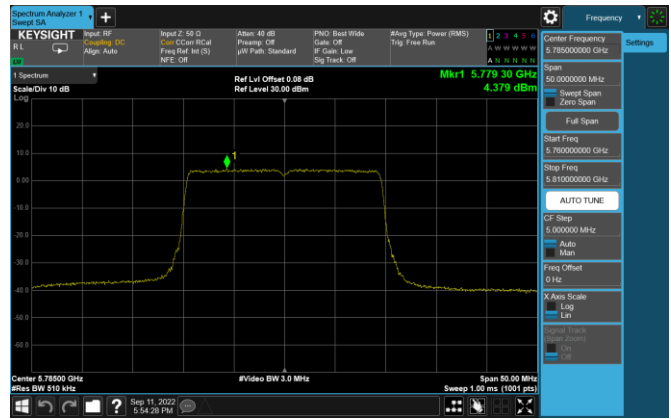
**Table 7-115. Band 3 Power Spectral Density Measurements CDD (High Data Rate)**

FCC ID: BCGA2696 IC: 579C-A2696	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Technical Manager
Test Report S/N: 1C2205090022-07.BCG	Test Dates: 8/7/2022 – 9/7/2022	EUT Type: Tablet Device	Page 150 of 358

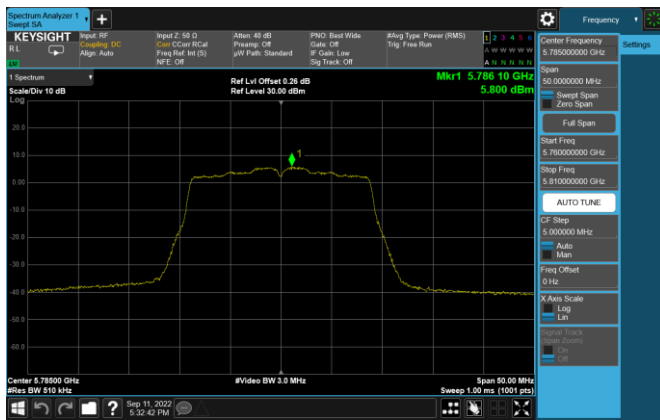




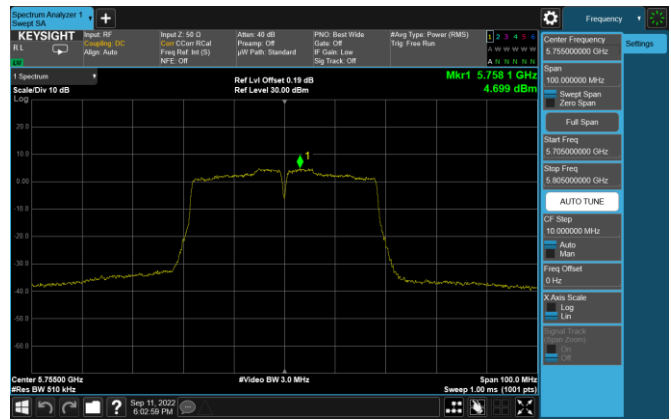
Plot 7-439. PSD CDD Antenna WF8 (20MHz BW 802.11n – Ch. 157, MCS8)



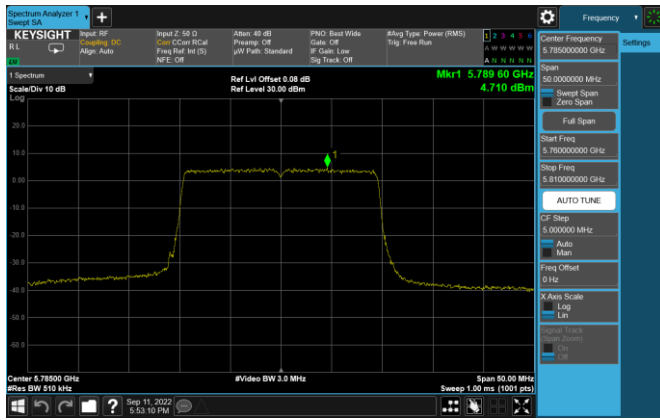
Plot 7-442. PSD CDD Antenna WF7a (20MHz BW 802.11ax(SU) – Ch. 157, MCS0)



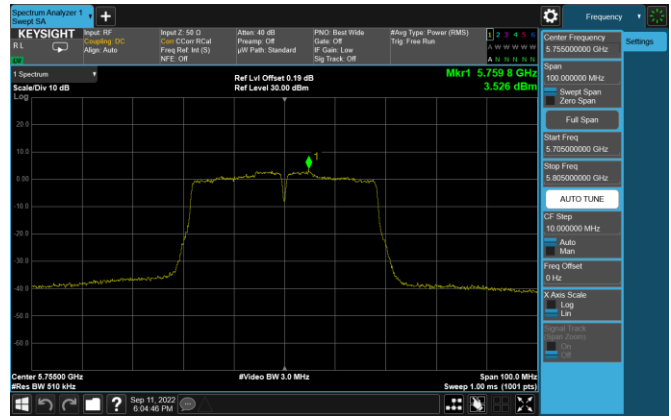
Plot 7-440. PSD CDD Antenna WF7a (20MHz BW 802.11n – Ch. 157, MCS8)



Plot 7-443. PSD CDD Antenna WF8 (40MHz BW 802.11n – Ch. 151, MCS8)

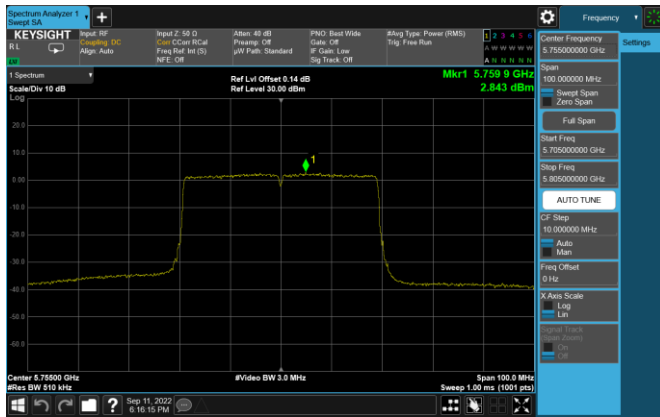


Plot 7-441. PSD CDD Antenna WF8 (20MHz BW 802.11ax(SU) – Ch. 157, MCS8)

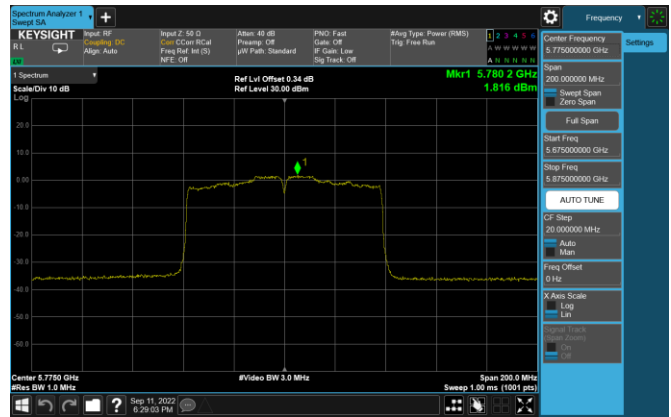


Plot 7-444. PSD CDD Antenna WF7a (40MHz BW 802.11n – Ch. 151, MCS8)

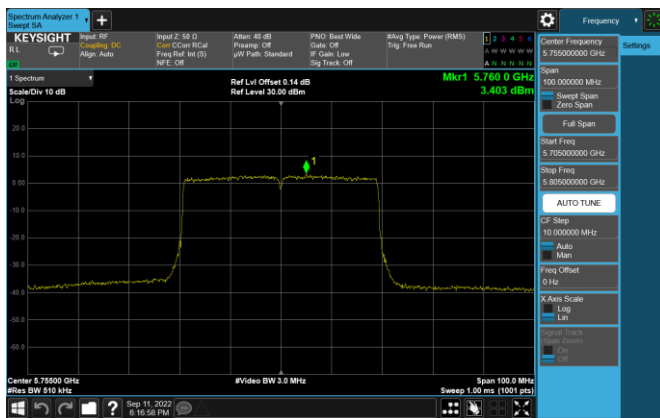
FCC ID: BCGA2696 IC: 579C-A2696	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
Test Report S/N: 1C2205090022-07.BCG	Test Dates: 8/7/2022 – 9/7/2022	EUT Type: Tablet Device	Page 151 of 358



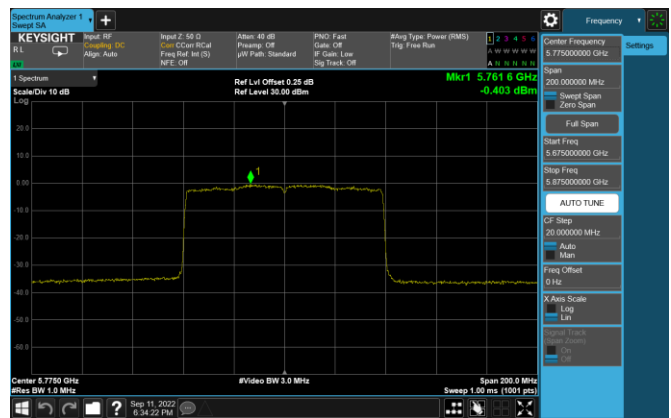
Plot 7-445. PSD CDD Antenna WF8 (40MHz BW 802.11ax(SU) – Ch. 151, MCS0)



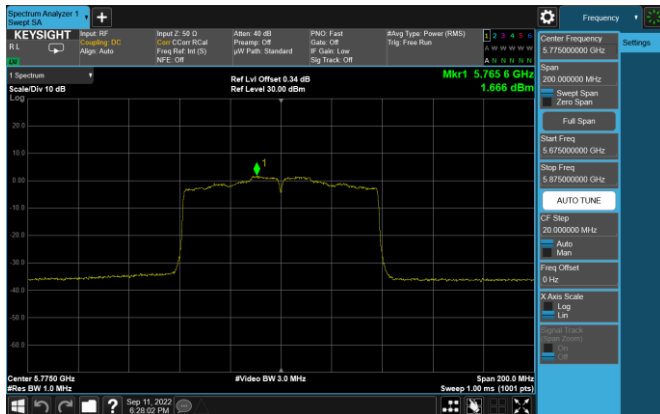
Plot 7-448. PSD CDD Antenna WF7a (80MHz BW 802.11ac – Ch. 155, MCS0)



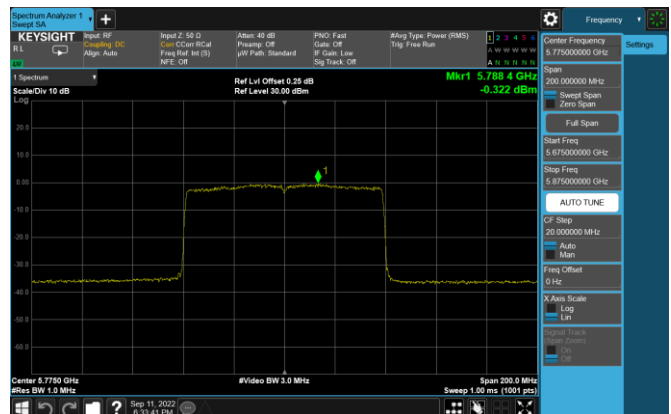
Plot 7-446. PSD CDD Antenna WF7a (40MHz BW 802.11ax(SU) – Ch. 151, MCS0)



Plot 7-449. PSD CDD Antenna WF8 (80MHz BW 802.11ax(SU) – Ch. 155, MCS0)

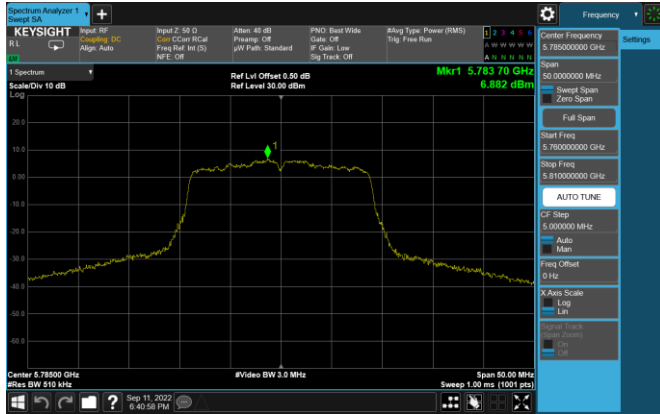


Plot 7-447. PSD CDD Antenna WF8 (80MHz BW 802.11ac – Ch. 155, MCS0)

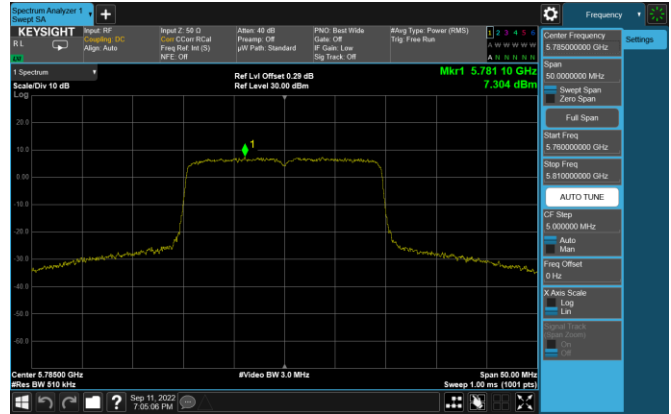


Plot 7-450. PSD CDD Antenna WF7a (80MHz BW 802.11ax(SU) – Ch. 155, MCS0)

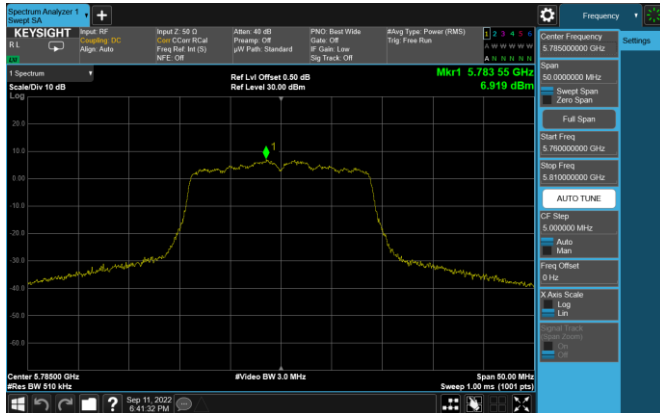
FCC ID: BCGA2696 IC: 579C-A2696	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
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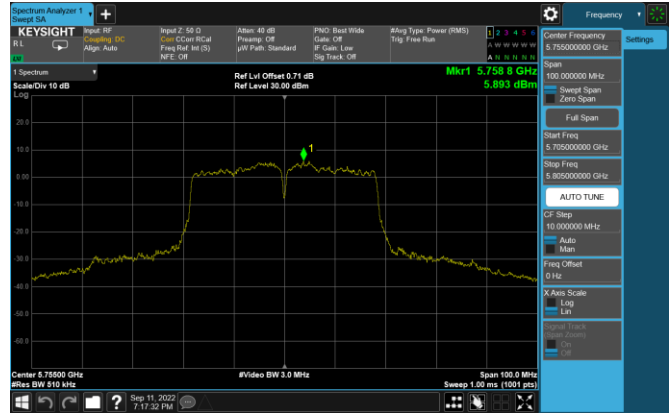
Plot 7-451. PSD CDD Antenna WF8 (20MHz BW 802.11n – Ch. 157, MCS12)



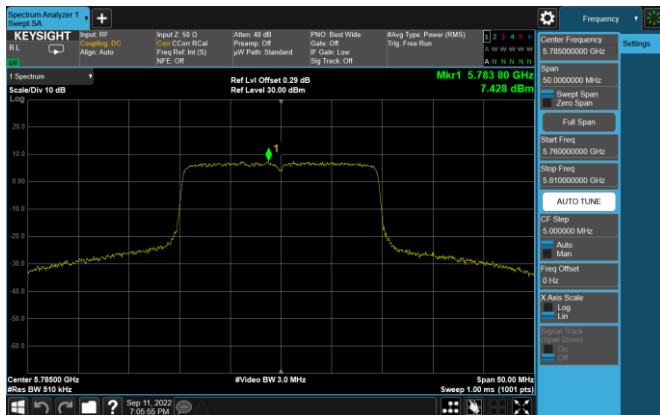
Plot 7-454. PSD CDD Antenna WF7a (20MHz BW 802.11ax(SU) – Ch. 157, MCS4)



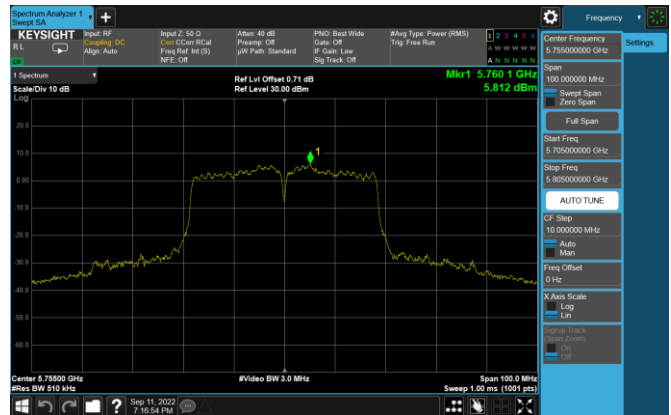
Plot 7-452. PSD CDD Antenna WF7a (20MHz BW 802.11n – Ch. 157, MCS12)



Plot 7-455. PSD CDD Antenna WF8 (40MHz BW 802.11n – Ch. 151, MCS12)

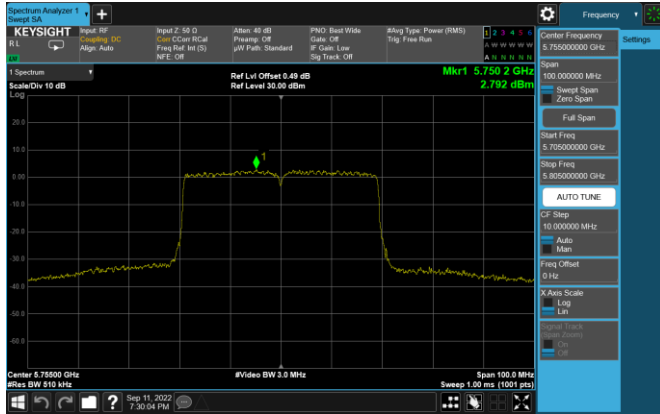


Plot 7-453. PSD CDD Antenna WF8 (20MHz BW 802.11ax(SU) – Ch. 157, MCS4)

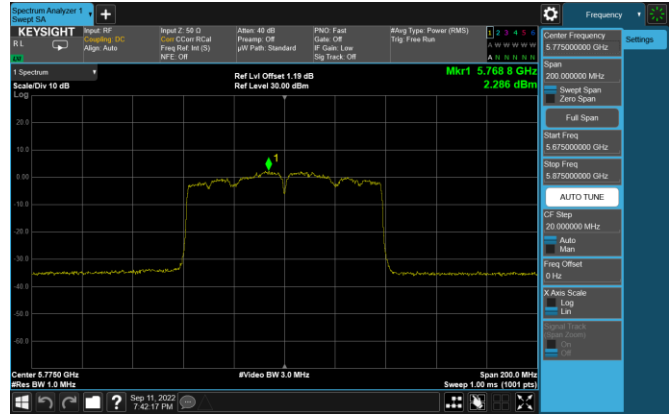


Plot 7-456. PSD CDD Antenna WF7a (40MHz BW 802.11n – Ch. 151, MCS12)

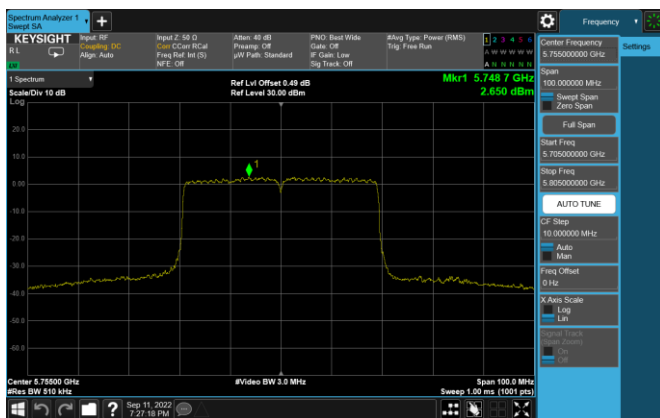
FCC ID: BCGA2696 IC: 579C-A2696			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090022-07.BCG	Test Dates: 8/7/2022 – 9/7/2022	EUT Type: Tablet Device	Page 153 of 358	



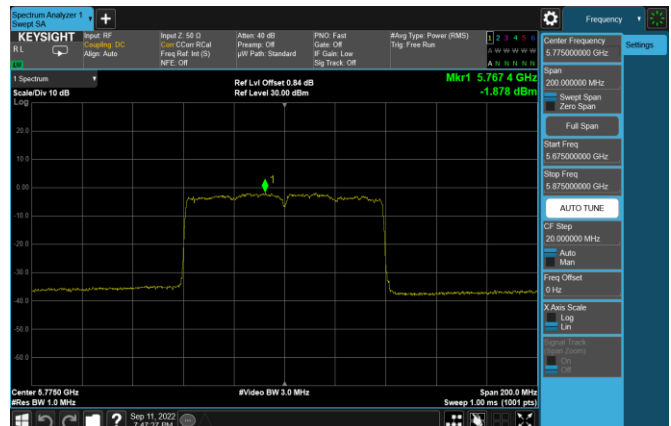
Plot 7-457. PSD CDD Antenna WF8 (40MHz BW 802.11ax(SU) – Ch. 151, MCS4)



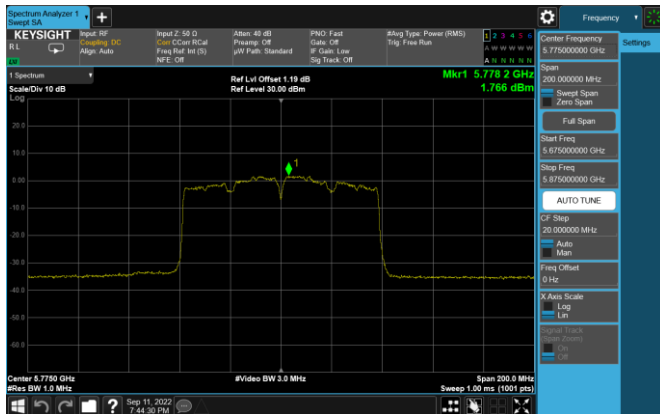
Plot 7-460. PSD CDD Antenna WF7a (80MHz BW 802.11ac – Ch. 155, MCS4)



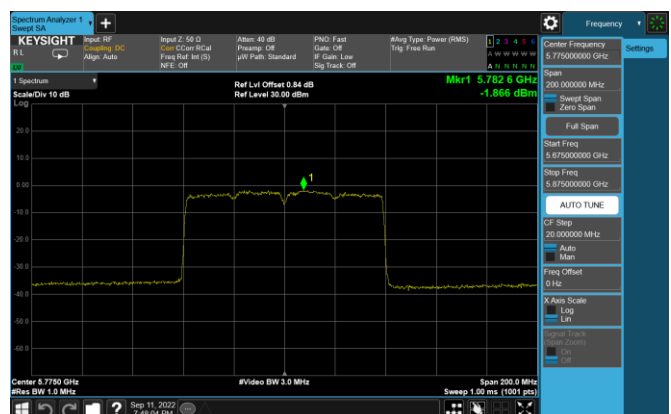
Plot 7-458. PSD CDD Antenna WF7a (40MHz BW 802.11ax(SU) – Ch. 151, MCS4)



Plot 7-461. PSD CDD Antenna WF8 (80MHz BW 802.11ax(SU) – Ch. 155, MCS4)

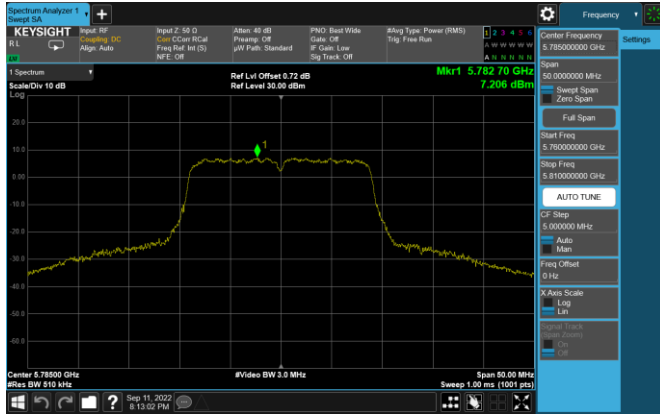


Plot 7-459. PSD CDD Antenna WF8 (80MHz BW 802.11ac – Ch. 155, MCS4)

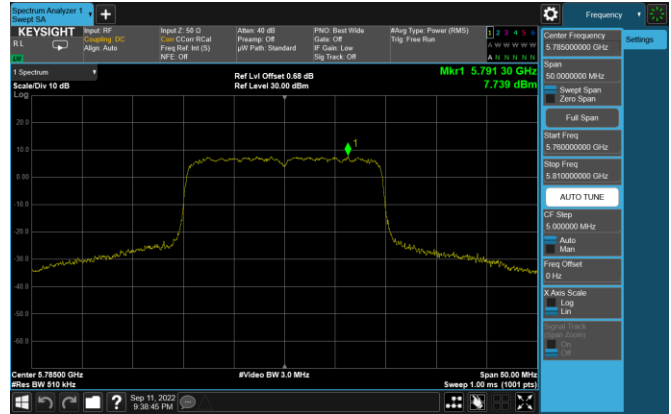


Plot 7-462. PSD CDD Antenna WF7a (80MHz BW 802.11ax(SU) – Ch. 155, MCS4)

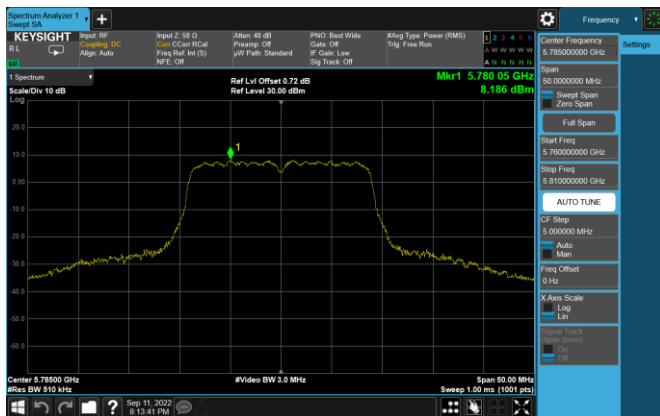
FCC ID: BCGA2696 IC: 579C-A2696	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Technical Manager
Test Report S/N: 1C2205090022-07.BCG	Test Dates: 8/7/2022 – 9/7/2022	EUT Type: Tablet Device	Page 154 of 358



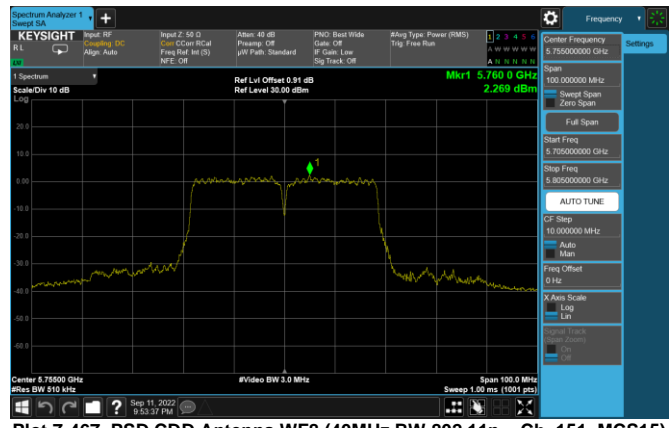
Plot 7-463. PSD CDD Antenna WF8 (20MHz BW 802.11n – Ch. 157, MCS15)



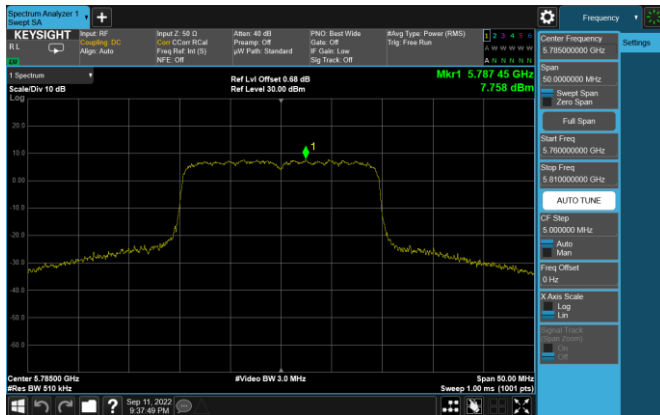
Plot 7-466. PSD CDD Antenna WF7a (20MHz BW 802.11ax(SU) – Ch. 157, MCS11)



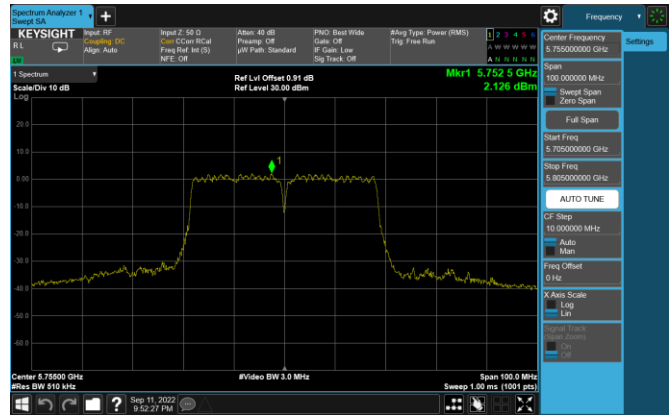
Plot 7-464. PSD CDD Antenna WF7a (20MHz BW 802.11n – Ch. 157, MCS15)




Plot 7-467. PSD CDD Antenna WF8 (40MHz BW 802.11n – Ch. 151, MCS15)

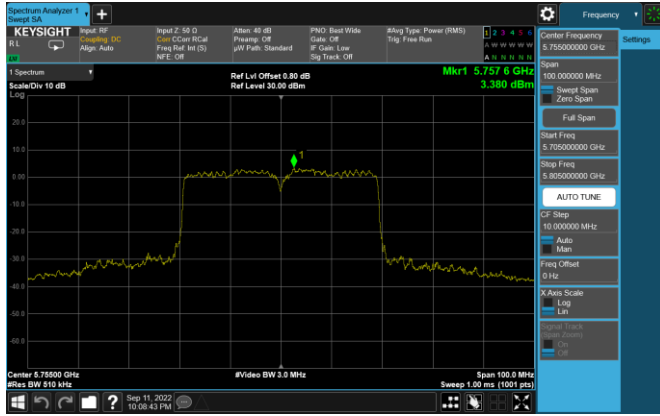


Plot 7-465. PSD CDD Antenna WF8 (20MHz BW 802.11ax(SU) – Ch. 157, MCS11)

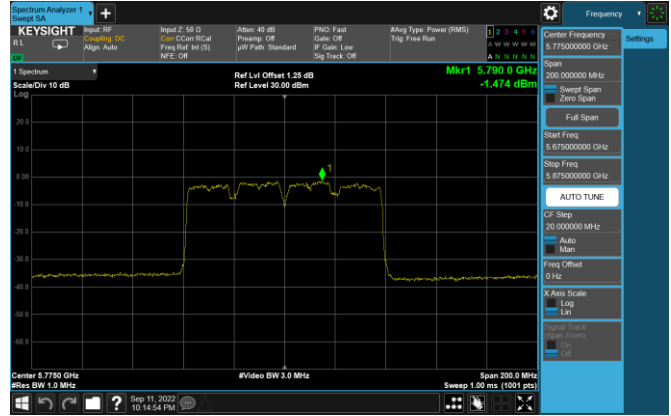


Plot 7-468. PSD CDD Antenna WF7a (40MHz BW 802.11n – Ch. 151, MCS15)

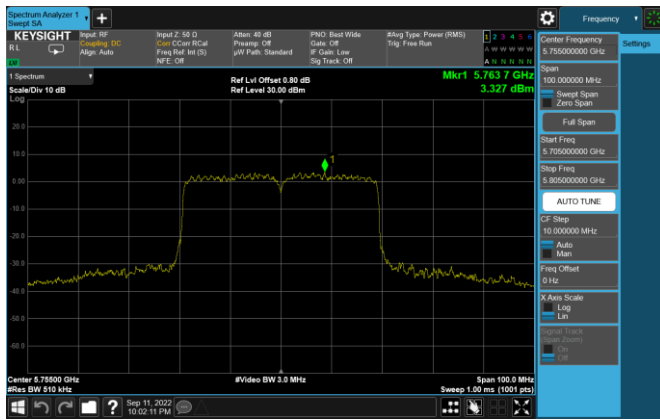
FCC ID: BCGA2696 IC: 579C-A2696			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090022-07.BCG	Test Dates: 8/7/2022 – 9/7/2022	EUT Type: Tablet Device	Page 155 of 358	



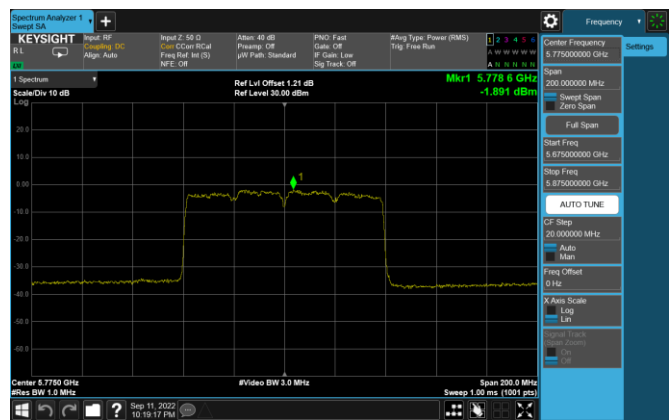
Plot 7-469. PSD CDD Antenna WF8 (40MHz BW 802.11ax(SU) – Ch. 151, MCS11)



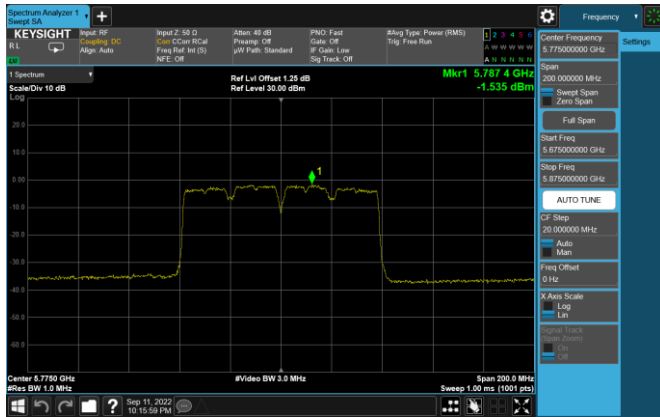
Plot 7-472. PSD CDD Antenna WF7a (80MHz BW 802.11ac – Ch. 155, MCS9)



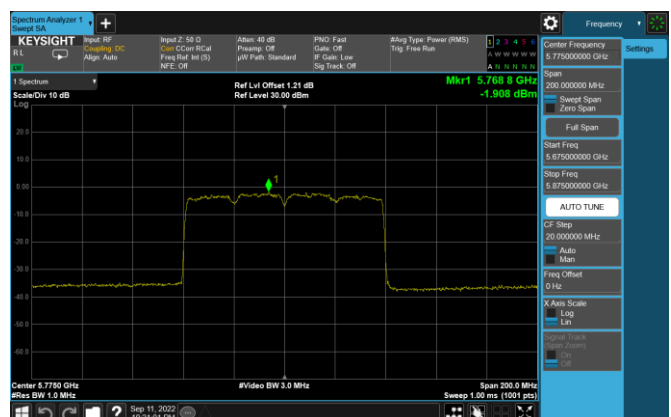
Plot 7-470. PSD CDD Antenna WF7a (40MHz BW 802.11ax(SU) – Ch. 151, MCS11)




Plot 7-473. PSD CDD Antenna WF8 (80MHz BW 802.11ax(SU) – Ch. 155, MCS9)



Plot 7-471. PSD CDD Antenna WF8 (80MHz BW 802.11ac – Ch. 155, MCS9)



Plot 7-474. PSD CDD Antenna WF7a (80MHz BW 802.11ax(SU) – Ch. 155, MCS9)

FCC ID: BCGA2696 IC: 579C-A2696	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
Test Report S/N: 1C2205090022-07.BCG	Test Dates: 8/7/2022 – 9/7/2022	EUT Type: Tablet Device	Page 156 of 358



	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Ant WF8 Power Density [dBm/MHz]	Ant WF7a Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directional Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	SDM	13/14.4 (MCS8)	-0.68	-0.83	2.26	3.16	5.41	10.0	-4.59
	5200	40	n (20MHz)	SDM	13/14.4 (MCS8)	-0.50	-0.86	2.33	3.16	5.49	10.0	-4.51
	5240	48	n (20MHz)	SDM	13/14.4 (MCS8)	-0.08	-0.71	2.63	3.16	5.78	10.0	-4.22
	5180	36	ax (SU) (20MHz)	SDM	16/17.2 (MCS0)	0.61	0.56	3.59	3.16	6.75	10.0	-3.25
	5200	40	ax (SU) (20MHz)	SDM	16/17.2 (MCS0)	0.50	0.06	3.29	3.16	6.45	10.0	-3.55
	5240	48	ax (SU) (20MHz)	SDM	16/17.2 (MCS0)	0.14	-0.22	2.98	3.16	6.14	10.0	-3.86
	5190	38	n (40MHz)	CDD	27/30 (MCS8)	-1.57	-2.70	0.91	6.16	7.08	10.0	-2.92
	5230	46	n (40MHz)	SDM	27/30 (MCS8)	-1.48	-2.21	1.18	3.16	4.34	10.0	-5.66
	5190	38	ax (SU) (40MHz)	CDD	32/34.4 (MCS0)	-3.75	-4.21	-0.96	6.16	5.20	10.0	-4.80
	5230	46	ax (SU) (40MHz)	SDM	32/34.4 (MCS0)	0.04	0.06	3.06	3.16	6.22	10.0	-3.78
	5210	42	ac (80MHz)	CDD	58.5/65 (MCS0)	-4.38	-5.93	-2.08	6.16	4.09	10.0	-5.91
	5210	42	ax (SU) (80MHz)	CDD	68/72.1 (MCS0)	-7.17	-7.53	-4.34	6.16	1.83	10.0	-8.17

Table 7-116. ISED Band 1 e.i.r.p. Power Spectral Density Measurements CDD/SDM (Low Data Rate)

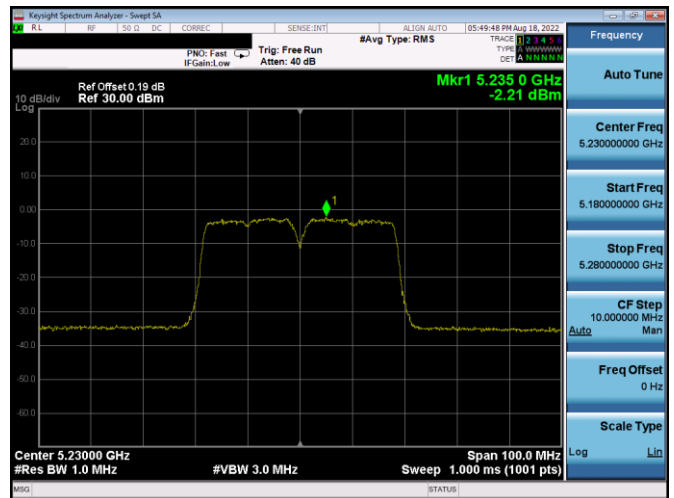
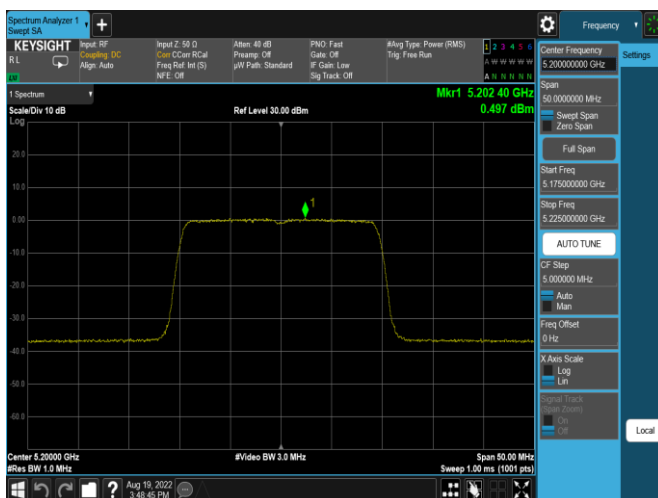
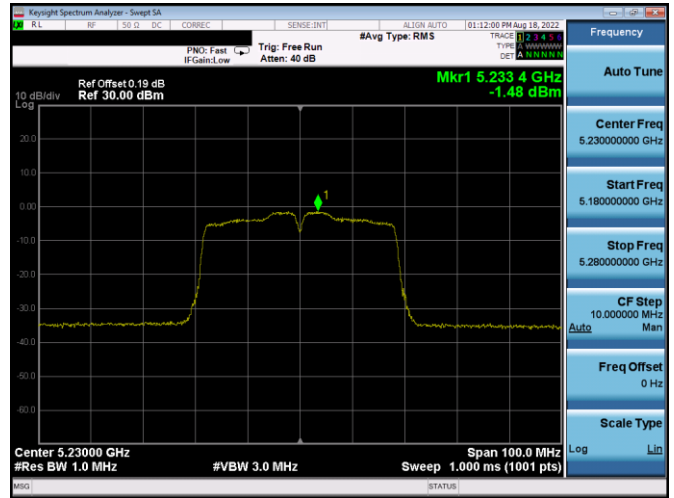
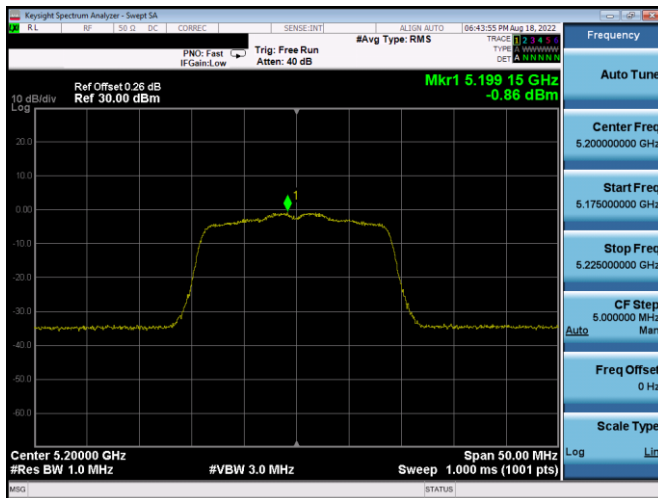
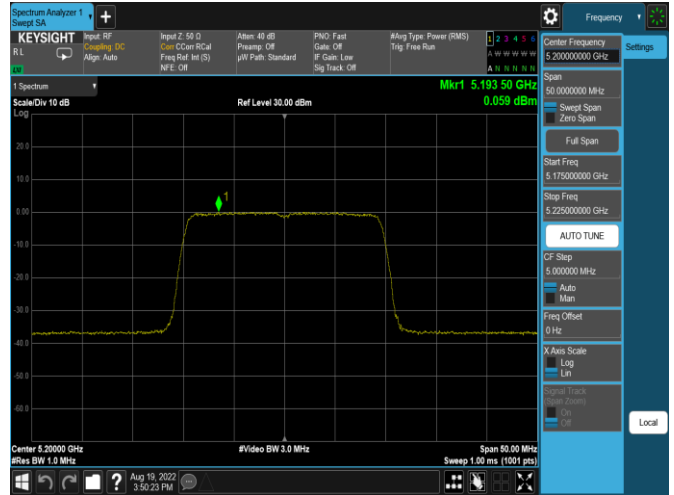
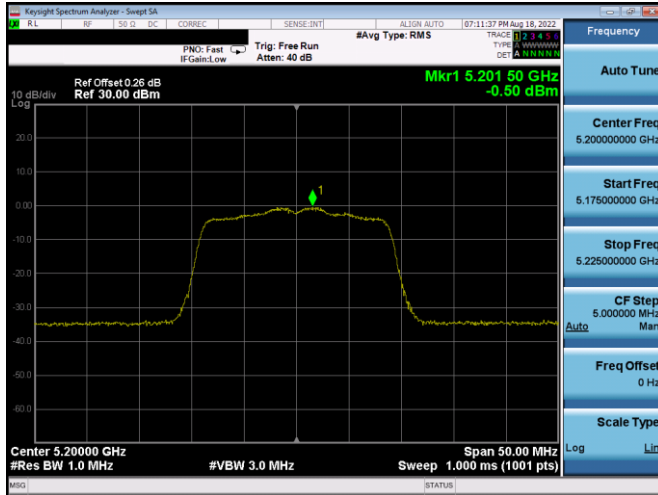
	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Ant WF8 Power Density [dBm/MHz]	Ant WF7a Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directional Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	SDM	13/14.4 (MCS8)	0.32	-0.17	3.09	3.16	6.25	10.0	-3.75
	5200	40	n (20MHz)	SDM	13/14.4 (MCS8)	0.20	-0.19	3.02	3.16	6.18	10.0	-3.82
	5240	48	n (20MHz)	SDM	13/14.4 (MCS8)	0.14	0.07	3.12	3.16	6.27	10.0	-3.73
	5180	36	ax (SU) (20MHz)	SDM	16/17.2 (MCS0)	1.38	1.51	4.45	3.16	7.61	10.0	-2.39
	5200	40	ax (SU) (20MHz)	SDM	16/17.2 (MCS0)	1.30	1.11	4.22	3.16	7.37	10.0	-2.63
	5240	48	ax (SU) (20MHz)	SDM	16/17.2 (MCS0)	0.75	0.76	3.76	3.16	6.92	10.0	-3.08
	5190	38	n (40MHz)	CDD	27/30 (MCS8)	-1.51	-1.90	1.31	6.16	7.47	10.0	-2.53
	5230	46	n (40MHz)	SDM	27/30 (MCS8)	-1.26	-0.54	2.13	3.16	5.28	10.0	-4.72
	5190	38	ax (SU) (40MHz)	CDD	32/34.4 (MCS0)	-3.37	-3.56	-0.45	6.16	5.71	10.0	-4.29
	5230	46	ax (SU) (40MHz)	SDM	32/34.4 (MCS0)	0.86	0.82	3.85	3.16	7.01	10.0	-2.99
	5210	42	ac (80MHz)	CDD	58.5/65 (MCS0)	-4.33	-4.10	-1.20	6.16	4.96	10.0	-5.04
	5210	42	ax (SU) (80MHz)	CDD	68/72.1 (MCS0)	-6.52	-6.80	-3.65	6.16	2.52	10.0	-7.48

Table 7-117. ISED Band 1 e.i.r.p. Power Spectral Density Measurements CDD/SDM (Mid Data Rate)

	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Ant WF8 Power Density [dBm/MHz]	Ant WF7a Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directional Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	SDM	13/14.4 (MCS8)	-1.49	-1.19	1.67	3.16	4.83	10.0	-5.17
	5200	40	n (20MHz)	SDM	13/14.4 (MCS8)	-1.09	-1.42	1.76	3.16	4.92	10.0	-5.08
	5240	48	n (20MHz)	SDM	13/14.4 (MCS8)	-0.84	-1.05	2.07	3.16	5.22	10.0	-4.78
	5180	36	ax (SU) (20MHz)	SDM	16/17.2 (MCS0)	-2.15	-1.79	1.04	3.16	4.20	10.0	-5.80
	5200	40	ax (SU) (20MHz)	SDM	16/17.2 (MCS0)	-2.10	-2.17	0.87	3.16	4.03	10.0	-5.97
	5240	48	ax (SU) (20MHz)	SDM	16/17.2 (MCS0)	-2.16	-2.36	0.76	3.16	3.91	10.0	-6.09
	5190	38	n (40MHz)	CDD	27/30 (MCS8)	-2.75	-3.15	0.06	6.16	6.23	10.0	-3.77
	5230	46	n (40MHz)	SDM	27/30 (MCS8)	-2.17	-1.58	1.15	3.16	4.30	10.0	-5.70
	5190	38	ax (SU) (40MHz)	CDD	32/34.4 (MCS0)	-3.92	-3.96	-0.93	6.16	5.23	10.0	-4.77
	5230	46	ax (SU) (40MHz)	SDM	32/34.4 (MCS0)	-2.56	-2.32	0.58	3.16	3.73	10.0	-6.27
	5210	42	ac (80MHz)	CDD	58.5/65 (MCS0)	-5.57	-5.60	-2.57	6.16	3.59	10.0	-6.41
	5210	42	ax (SU) (80MHz)	CDD	68/72.1 (MCS0)	-6.77	-6.82	-3.78	6.16	2.38	10.0	-7.62

Table 7-118. ISED Band 1 e.i.r.p. Power Spectral Density Measurements CDD/SDM (High Data Rate)

FCC ID: BCGA2696 IC: 579C-A2696	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Technical Manager
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