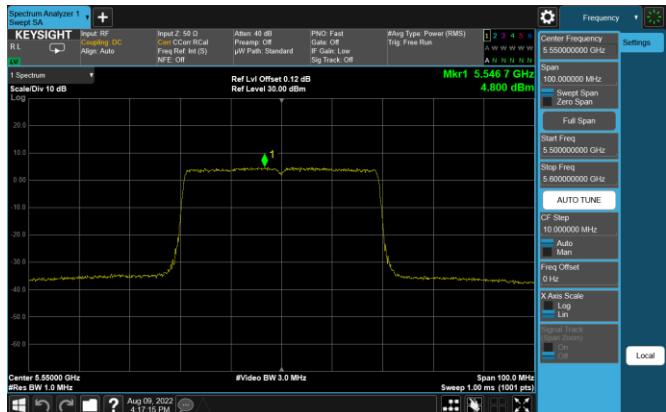
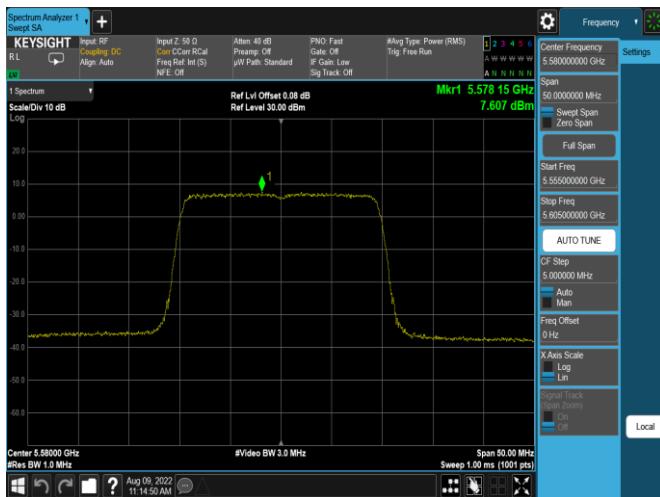


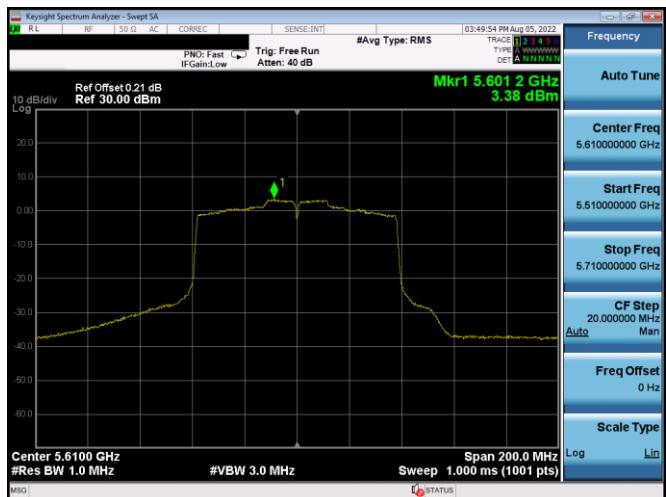
Plot 7-247. PSD Antenna WF7a (20MHz BW 802.11n – Ch. 116, MCS0)



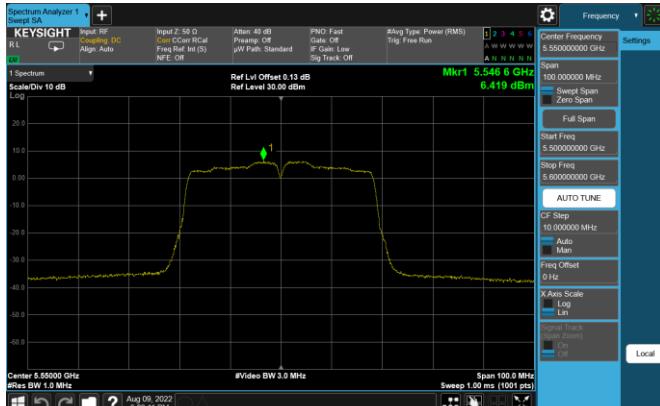
Plot 7-250. PSD Antenna WF7a (40MHz BW 802.11ax(SU) – Ch. 110, MCS0)



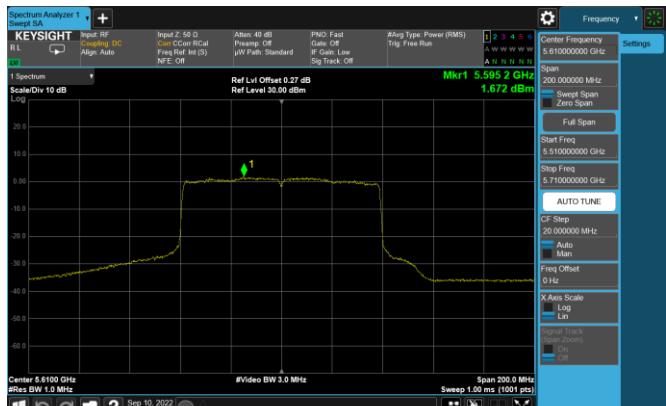
Plot 7-248. PSD Antenna WF7a (20MHz BW 802.11ax(SU) – Ch. 116, MCS0)



Plot 7-251. PSD Antenna WF7a (80MHz BW 802.11ac – Ch. 122, MCS0)



Plot 7-249. PSD Antenna WF7a (40MHz BW 802.11n – Ch. 110, MCS0)



Plot 7-252. PSD Antenna WF7a (80MHz BW 802.11ax(SU) – Ch. 122, MCS0)

FCC ID: BCGA2696	IC: 579C-A2696
Test Report S/N:	Test Dates: 8/7/2022 – 9/7/2022



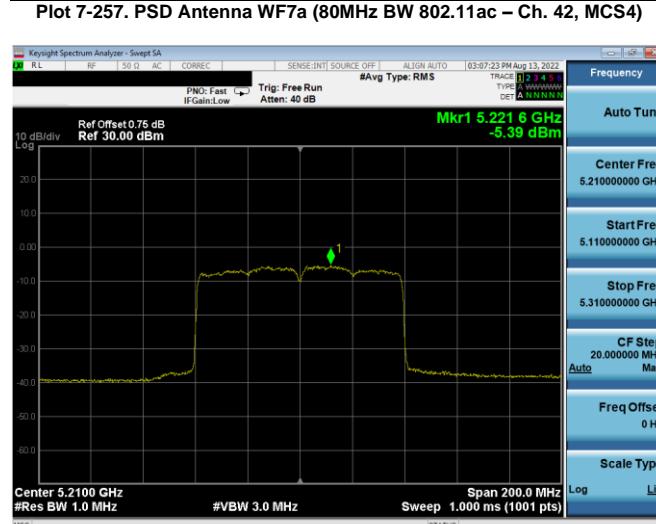
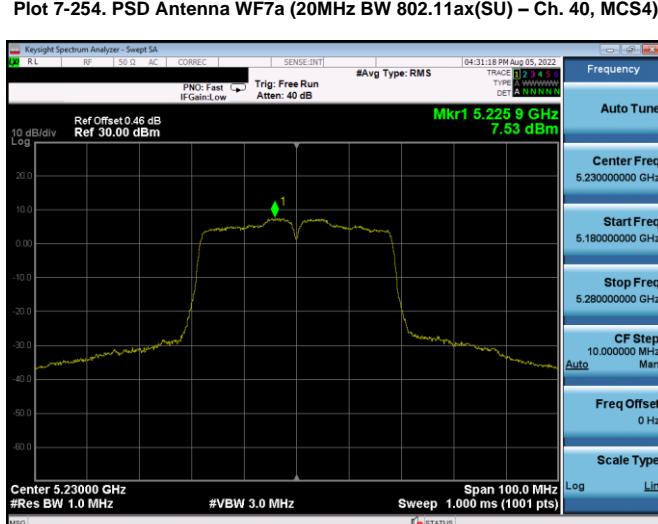
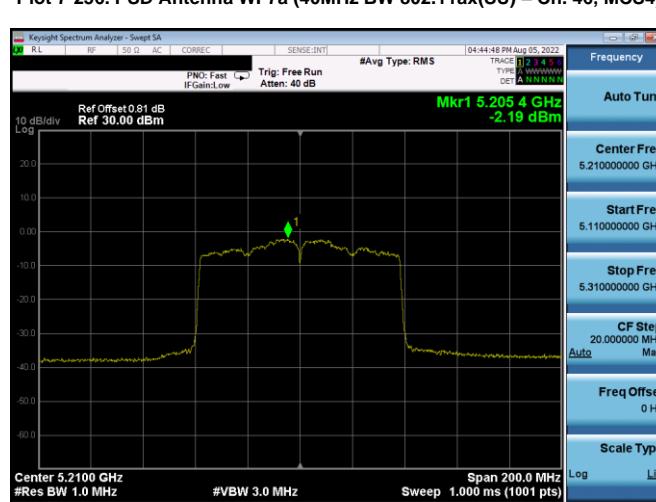
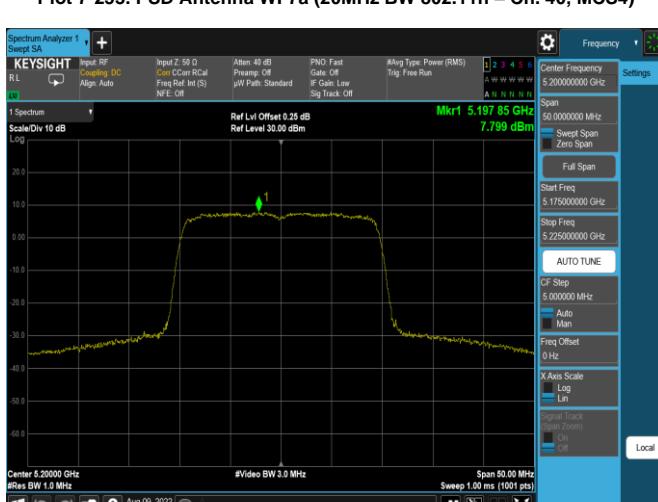
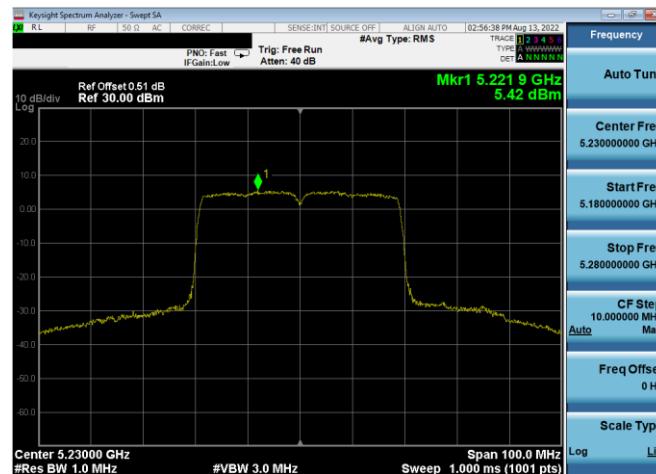
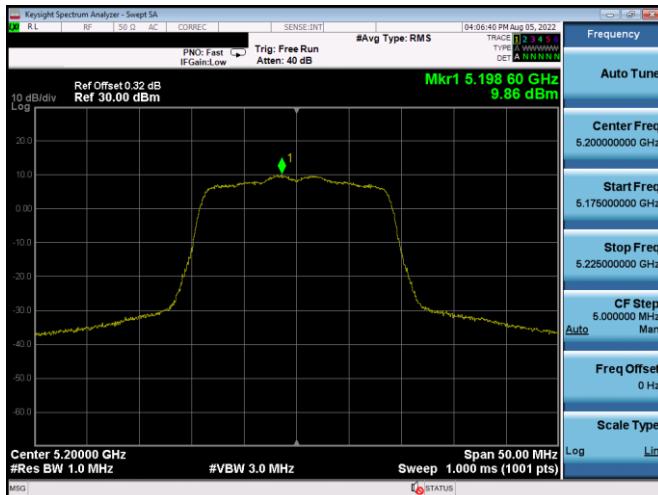
**MEASUREMENT REPORT
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Approved by:
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FCC ID: BCGA2696	
IC: 579C-A2696	
Test Report S/N: 1C2205090022-07.BCG	

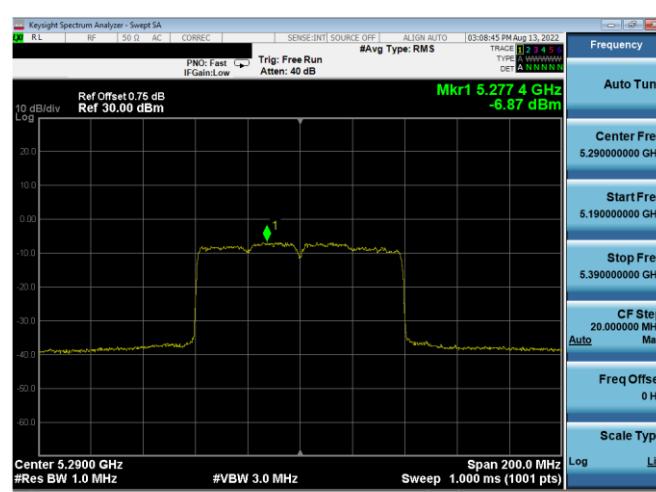
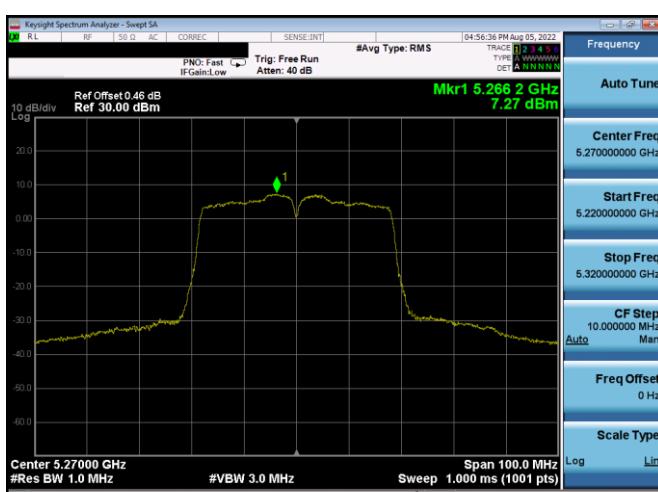
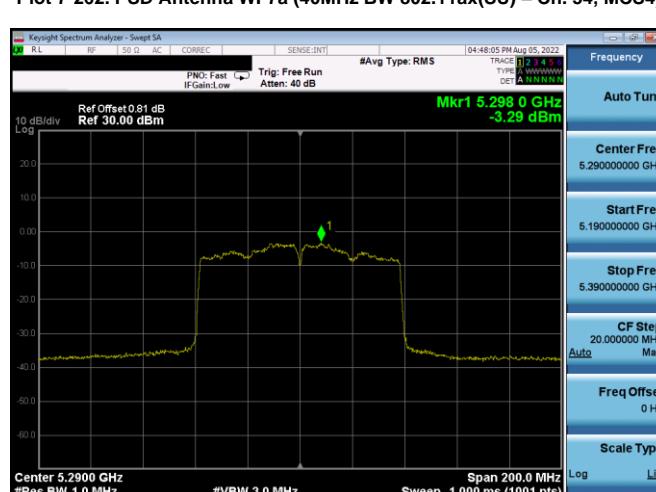
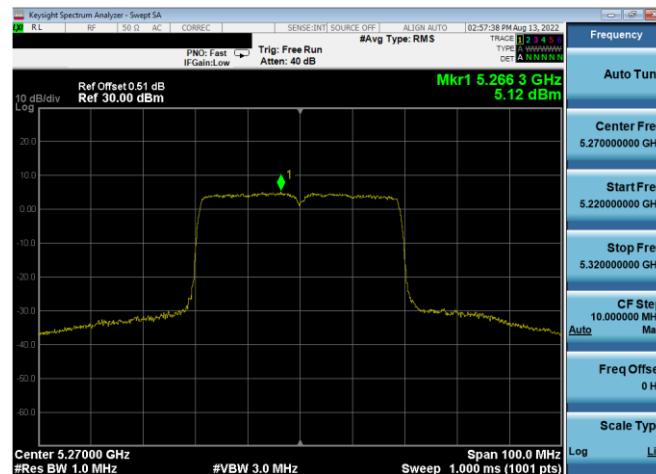
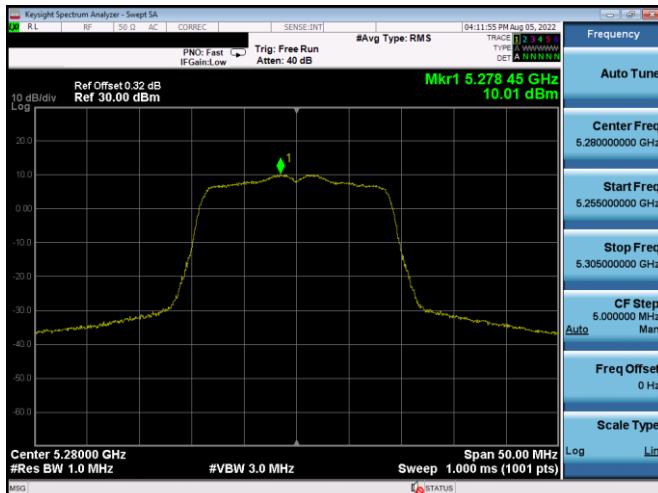
**MEASUREMENT REPORT
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Approved by:
Technical Manager

EUT Type:
Tablet Device

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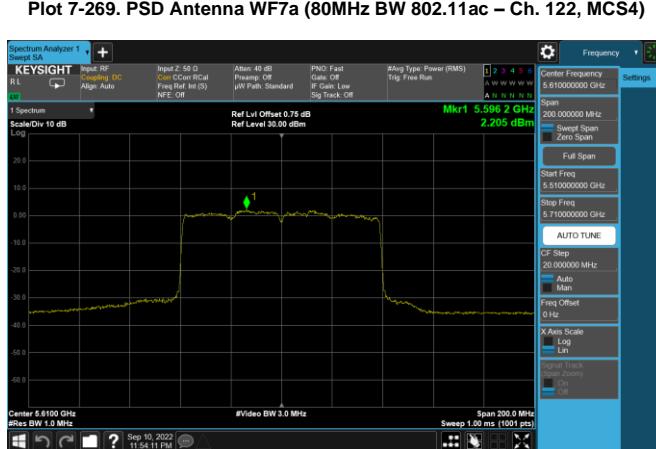
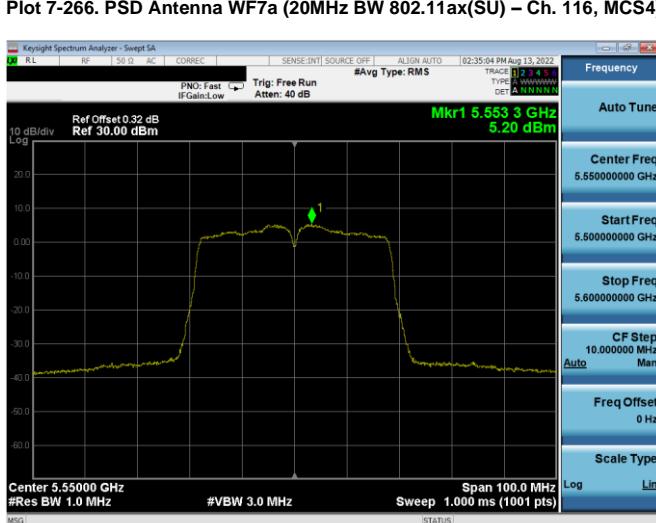
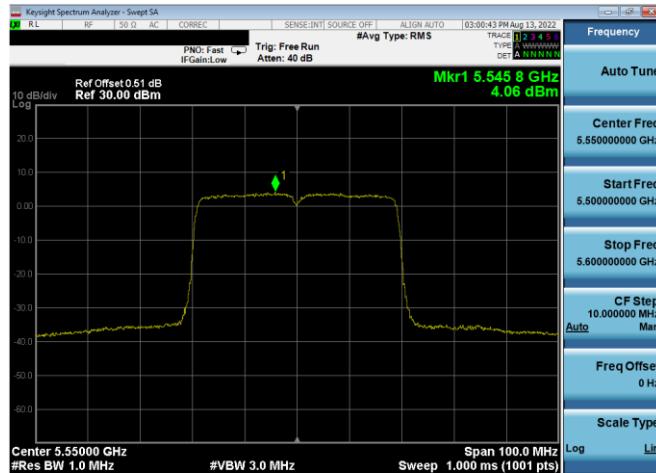
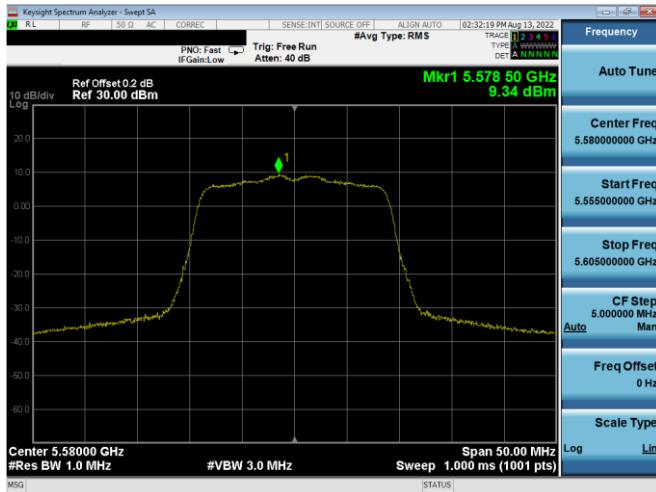
FCC ID: BCGA2696	IC: 579C-A2696
Test Report S/N: 1C2205090022-07.BCG	Test Dates: 8/7/2022 - 9/7/2022


**MEASUREMENT REPORT
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Approved by:
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FCC ID: BCGA2696	
IC: 579C-A2696	
Test Report S/N: 1C2205090022-07.BCG	

MEASUREMENT REPORT (CERTIFICATION)

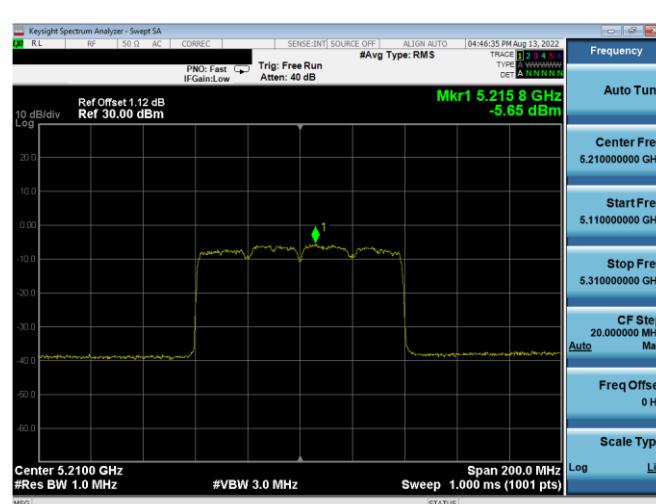
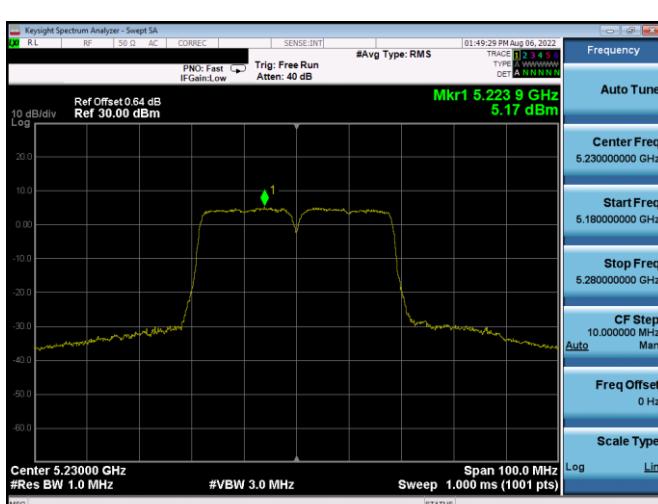
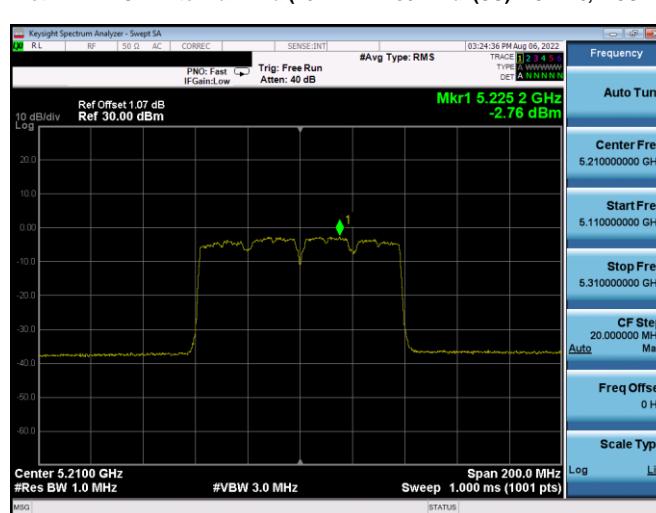
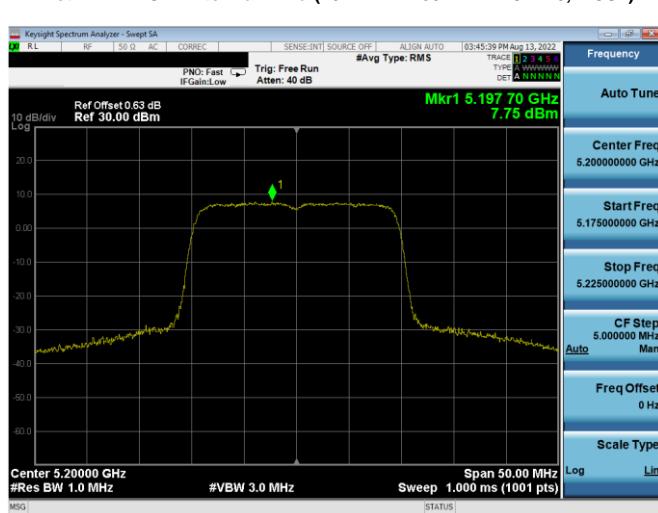
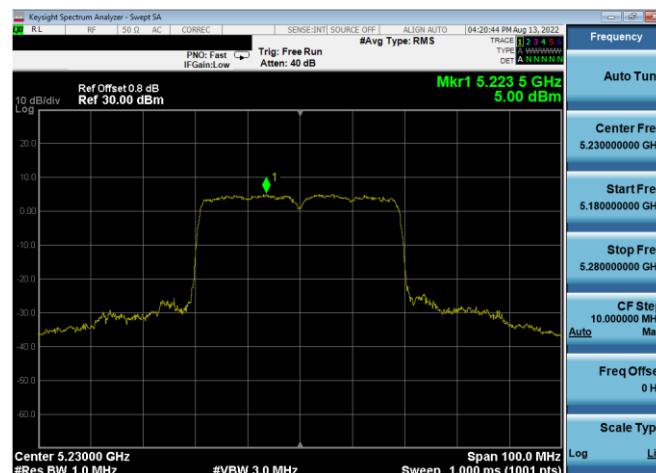
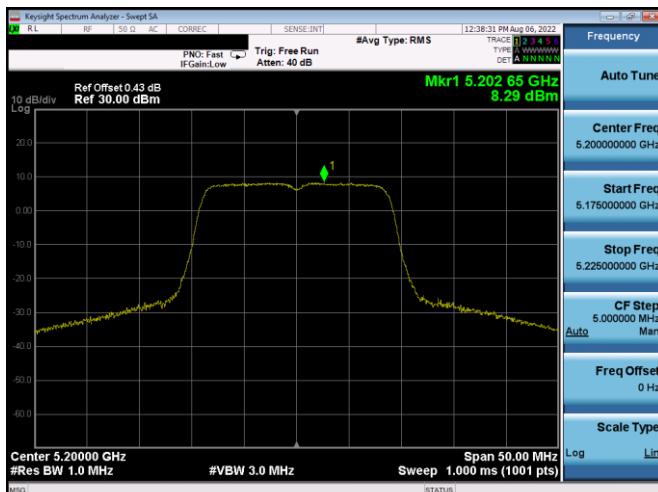
Approved by:
Technical Manager

EUT Type:
Tablet Device

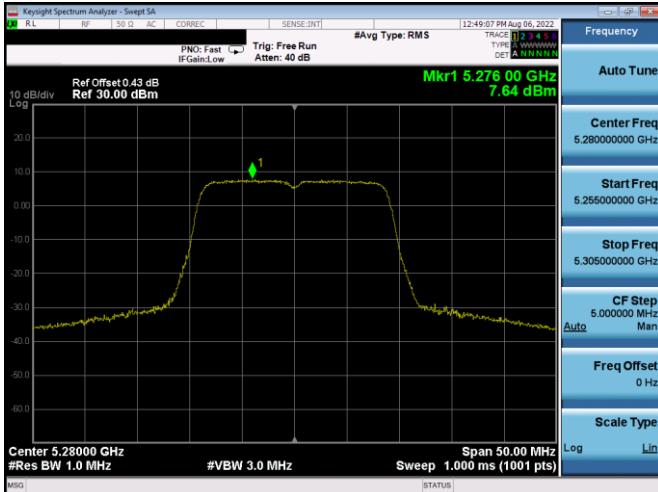
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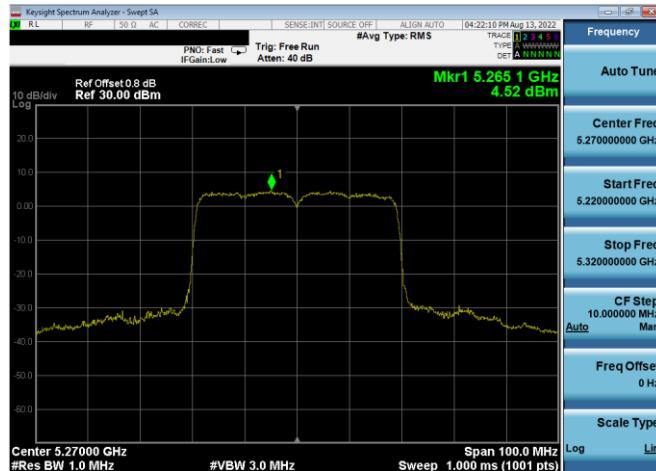
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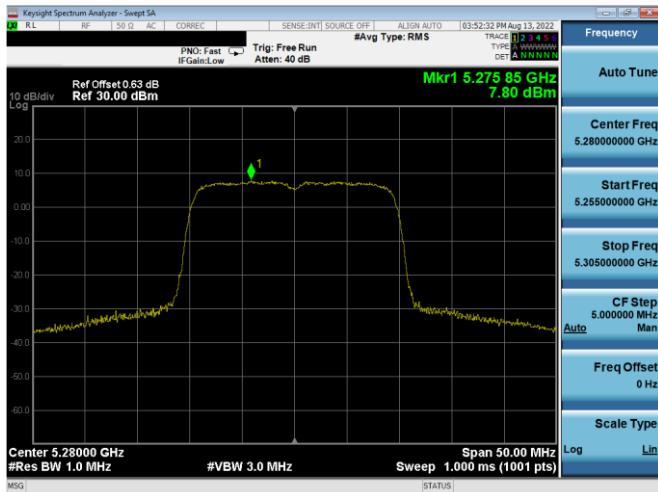
FCC ID: BCGA2696 IC: 579C-A2696	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090022-07.BCG	Test Dates: 8/7/2022 - 9/7/2022	EUT Type: Tablet Device	Page 115 of 358



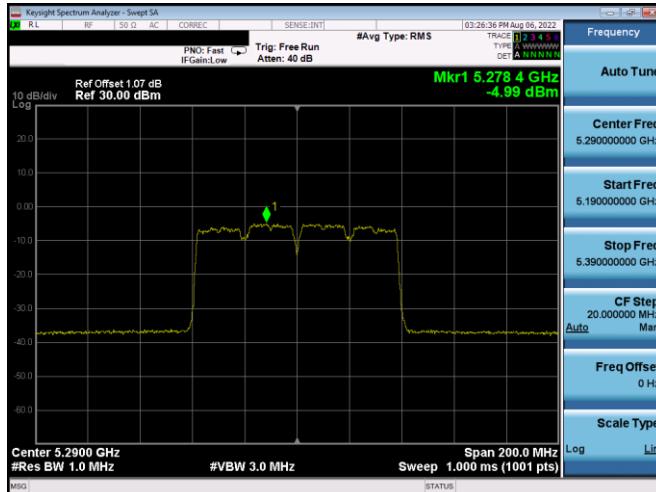
Plot 7-277. PSD Antenna WF7a (20MHz BW 802.11n – Ch. 56, MCS7)



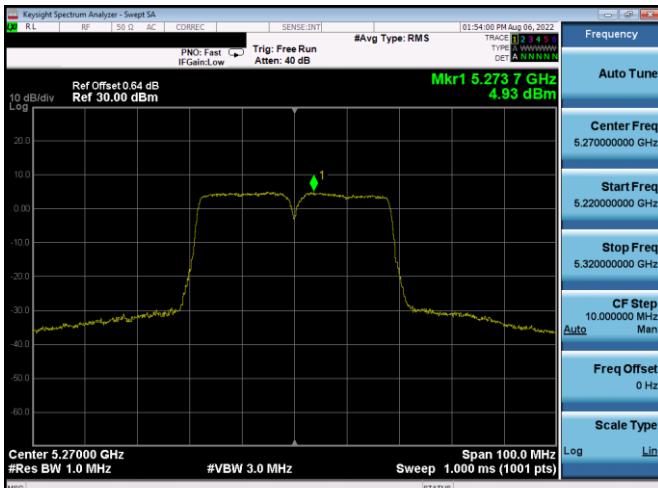
Plot 7-280. PSD Antenna WF7a (40MHz BW 802.11ax(SU) – Ch. 54, MCS11)



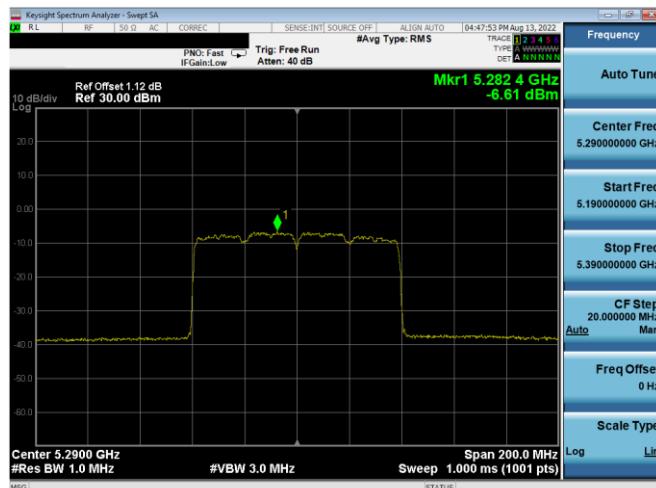
Plot 7-278. PSD Antenna WF7a (20MHz BW 802.11ax(SU) – Ch. 56, MCS11)



Plot 7-281. PSD Antenna WF7a (80MHz BW 802.11ac – Ch. 58, MCS9)



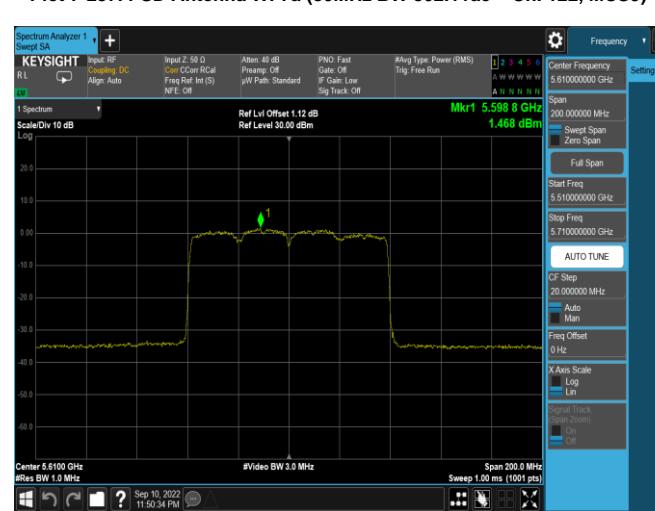
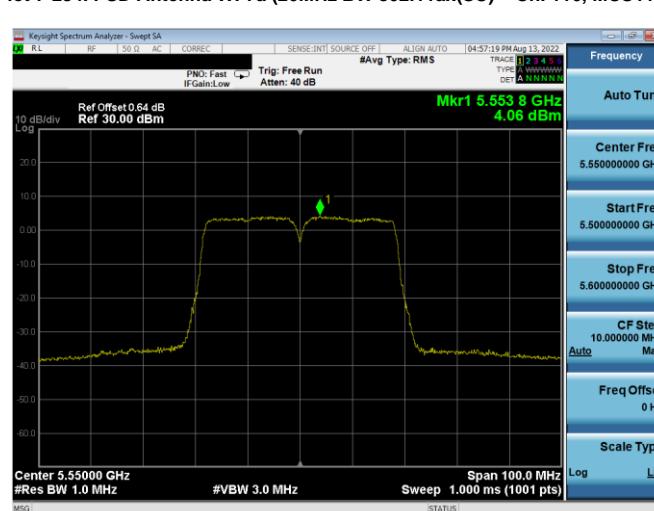
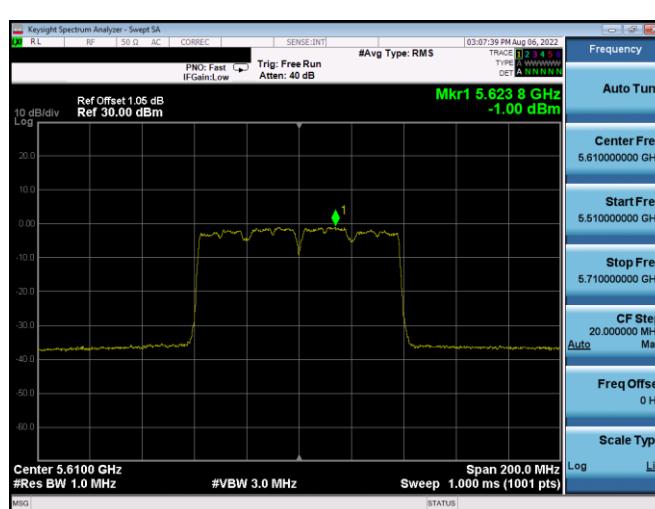
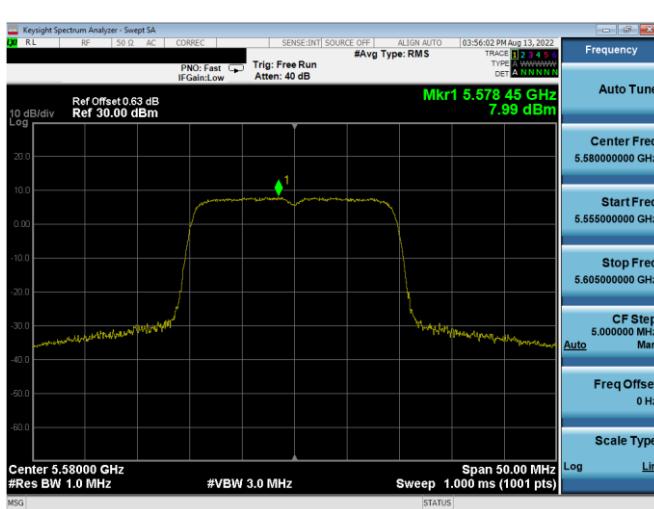
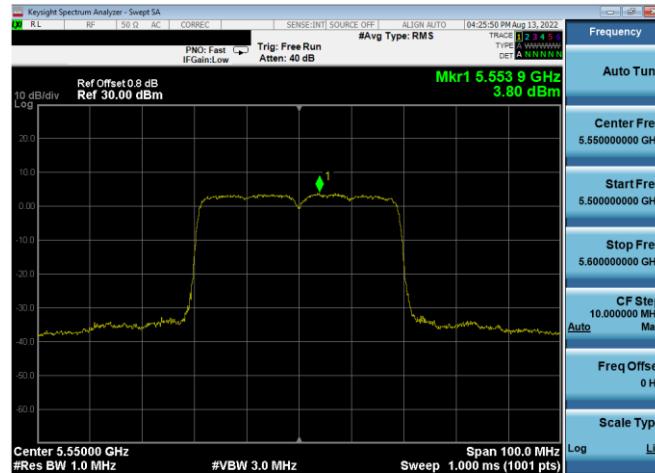
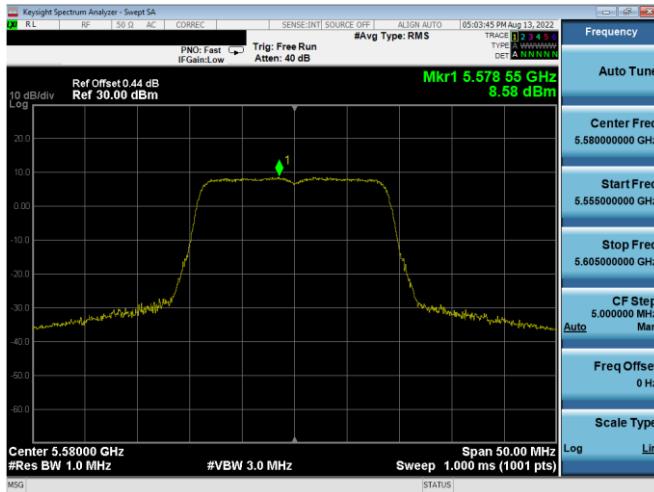
Plot 7-279. PSD Antenna WF7a (40MHz BW 802.11n – Ch. 54, MCS7)



Plot 7-282. PSD 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 116 of 358

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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 117 of 358

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)	6.5/7.2 (MCS0)	7.61	30.0	-22.39
	5785	157	n (20MHz)	6.5/7.2 (MCS0)	7.83	30.0	-22.17
	5825	165	n (20MHz)	6.5/7.2 (MCS0)	7.75	30.0	-22.25
	5745	149	ax (SU) (20MHz)	8/8.6 (MCS0)	5.47	30.0	-24.53
	5785	157	ax (SU) (20MHz)	8/8.6 (MCS0)	5.82	30.0	-24.19
	5825	165	ax (SU) (20MHz)	8/8.6 (MCS0)	5.36	30.0	-24.64
	5755	151	n (40MHz)	13.5/15 (MCS0)	5.28	30.0	-24.72
	5795	159	n (40MHz)	13.5/15 (MCS0)	5.02	30.0	-24.98
	5755	151	ax (SU) (40MHz)	16/17.2 (MCS0)	2.67	30.0	-27.33
	5795	159	ax (SU) (40MHz)	16/17.2 (MCS0)	3.00	30.0	-27.00
	5775	155	ac (80MHz)	29.3/32.5 (MCS0)	2.03	30.0	-27.97
	5775	155	ax (SU) (80MHz)	34/36 (MCS0)	-2.38	30.0	-32.38

Table 7-104. Band 3 Power Spectral Density Measurements Antenna WF7a (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)	8.17	30.0	-21.84
	5785	157	n (20MHz)	39/43.3 (MCS4)	8.15	30.0	-21.85
	5825	165	n (20MHz)	39/43.3 (MCS4)	7.95	30.0	-22.06
	5745	149	ax (SU) (20MHz)	49/51.6 (MCS4)	5.97	30.0	-24.03
	5785	157	ax (SU) (20MHz)	49/51.6 (MCS4)	6.61	30.0	-23.39
	5825	165	ax (SU) (20MHz)	49/51.6 (MCS4)	6.07	30.0	-23.93
	5755	151	n (40MHz)	81/90 (MCS4)	4.88	30.0	-25.12
	5795	159	n (40MHz)	81/90 (MCS4)	5.50	30.0	-24.50
	5755	151	ax (SU) (40MHz)	98/103.2 (MCS4)	2.22	30.0	-27.78
	5795	159	ax (SU) (40MHz)	98/103.2 (MCS4)	3.33	30.0	-26.68
	5775	155	ac (80MHz)	175.5/195 (MCS4)	2.11	30.0	-27.89
	5775	155	ax (SU) (80MHz)	204/216.2 (MCS4)	-3.42	30.0	-33.42

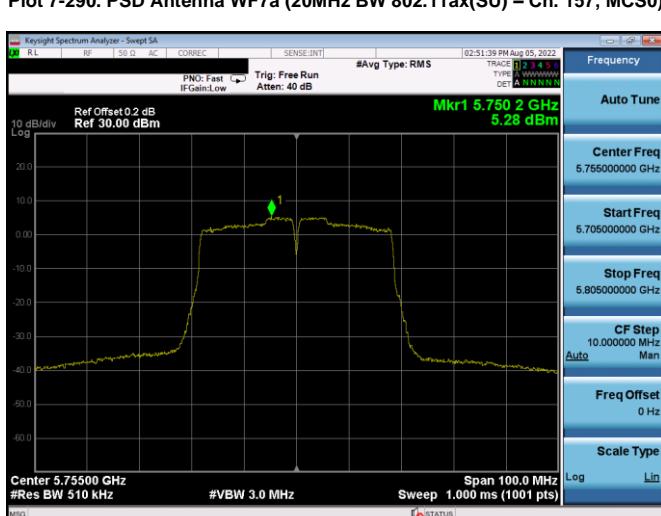
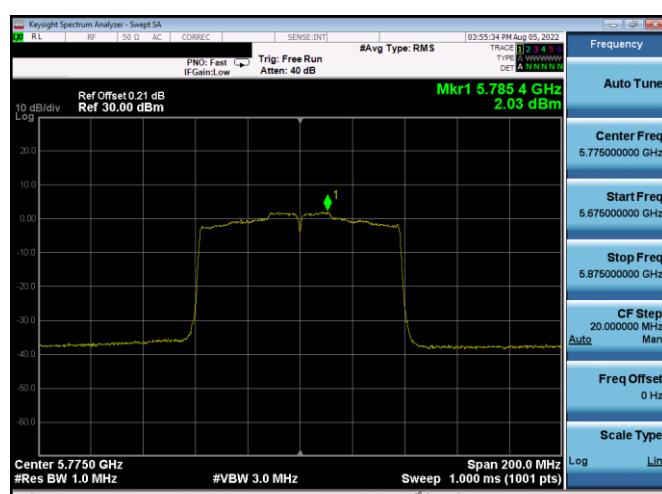
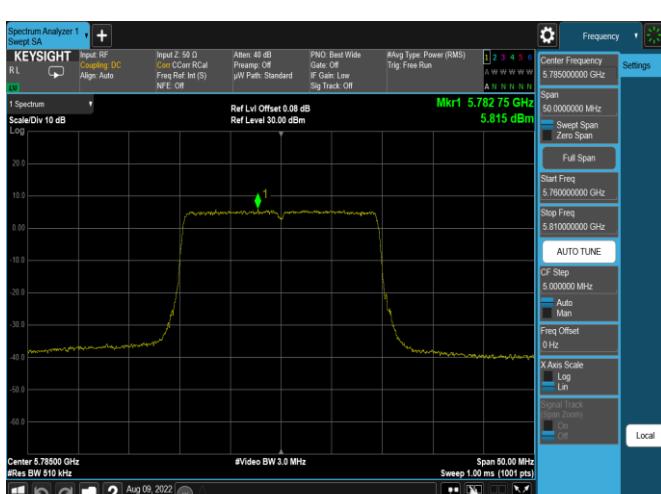
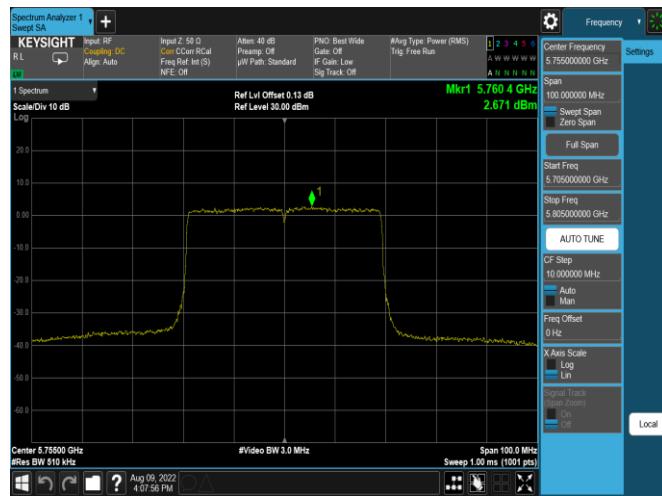
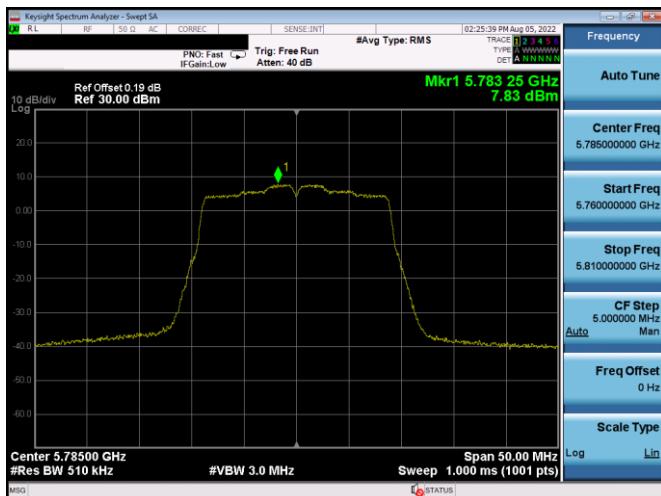
Table 7-105. Band 3 Power Spectral Density Measurements Antenna WF7a (Mid Data Rate)

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 118 of 358

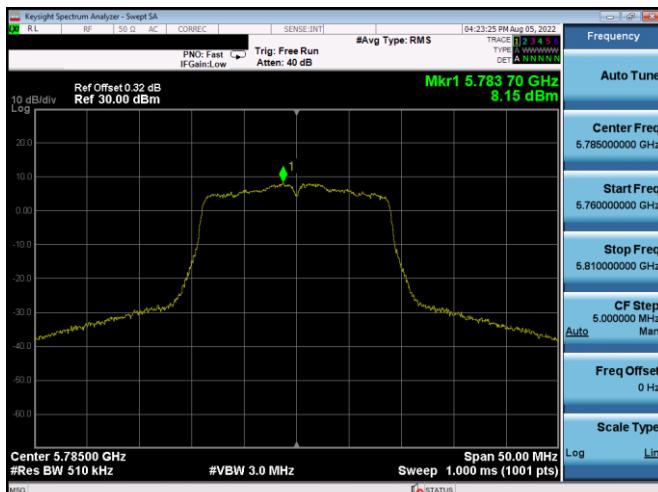
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	65/72.2 (MCS7)	6.64	30.0	-23.36
	5785	157	n (20MHz)	65/72.2 (MCS7)	6.72	30.0	-23.28
	5825	165	n (20MHz)	65/72.2 (MCS7)	6.64	30.0	-23.36
	5745	149	ax (SU) (20MHz)	135/143.4 (MCS11)	6.39	30.0	-23.61
	5785	157	ax (SU) (20MHz)	135/143.4 (MCS11)	6.16	30.0	-23.84
	5825	165	ax (SU) (20MHz)	135/143.4 (MCS11)	6.68	30.0	-23.32
	5755	151	n (40MHz)	135/150 (MCS7)	4.18	30.0	-25.83
	5795	159	n (40MHz)	135/150 (MCS7)	3.14	30.0	-26.86
	5755	151	ax (SU) (40MHz)	271/286.8 (MCS11)	2.03	30.0	-27.97
	5795	159	ax (SU) (40MHz)	271/286.8 (MCS11)	3.16	30.0	-26.84
	5775	155	ac (80MHz)	390/433.3 (MCS9)	-0.23	30.0	-30.23
	5775	155	ax (SU) (80MHz)	567/600.5 (MCS11)	-3.05	30.0	-33.05

Table 7-106. Band 3 Power Spectral Density Measurements Antenna WF7a (High Data Rate)

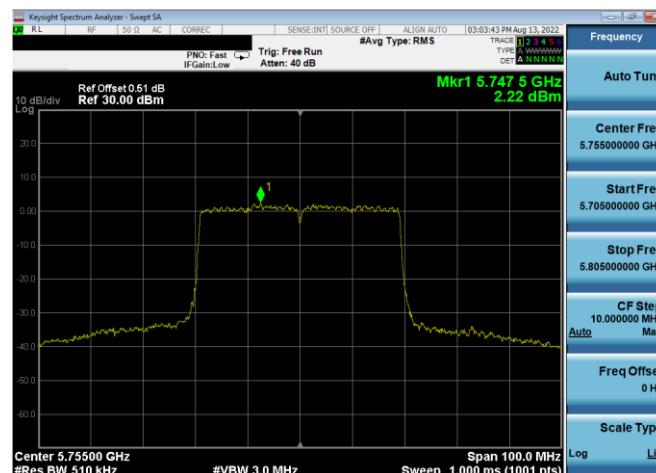
FCC ID: BCGA2696 IC: 579C-A2696	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090022-07.BCG	Test Dates: 8/7/2022 – 9/7/2022	EUT Type: Tablet Device	Page 119 of 358



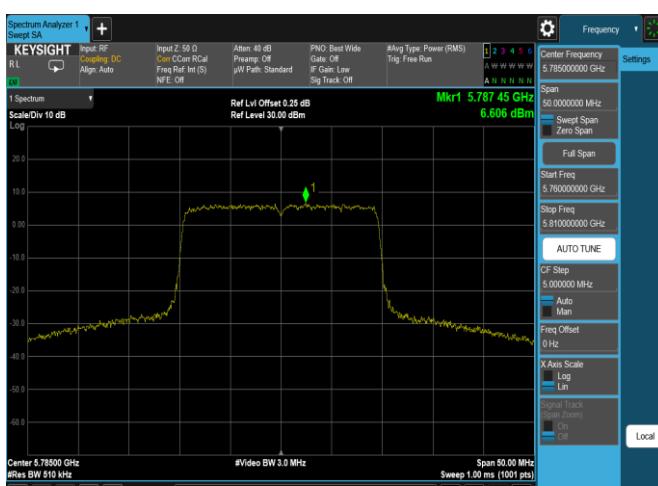
FCC ID: BCGA2696 IC: 579C-A2696		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090022-07.BCG	Test Dates: 8/7/2022 – 9/7/2022	EUT Type: Tablet Device	Page 120 of 358



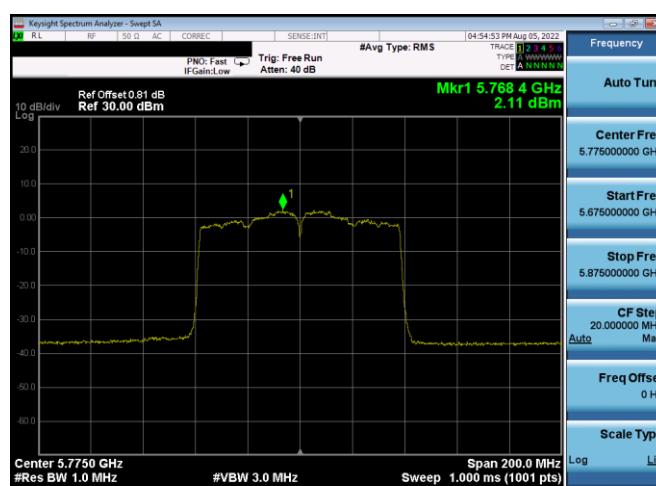
Plot 7-295. PSD Antenna WF7a (20MHz BW 802.11n – Ch. 157, MCS4)



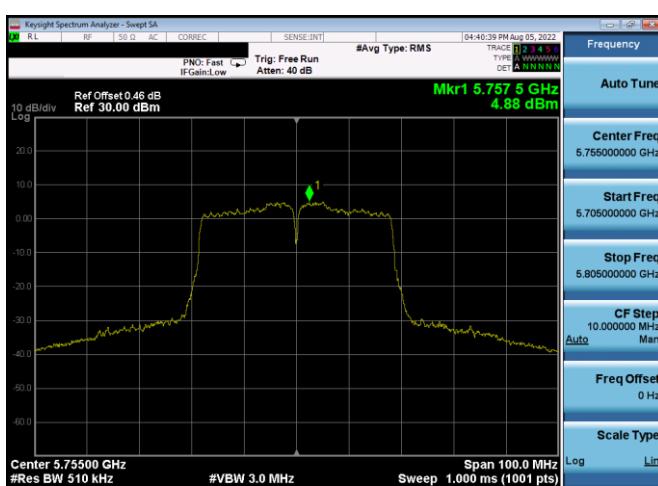
Plot 7-298. PSD Antenna WF7a (40MHz BW 802.11ax(SU) – Ch. 151, MCS4)



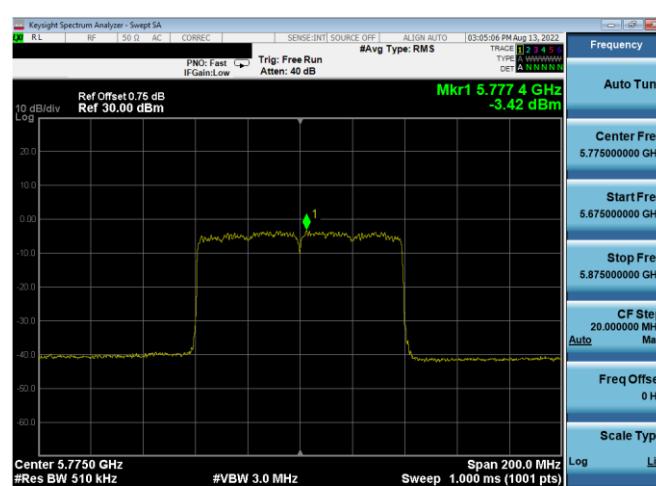
Plot 7-296. PSD Antenna WF7a (20MHz BW 802.11ax(SU) – Ch. 157, MCS4)



Plot 7-299. PSD Antenna WF7a (80MHz BW 802.11ac – Ch. 155, MCS4)



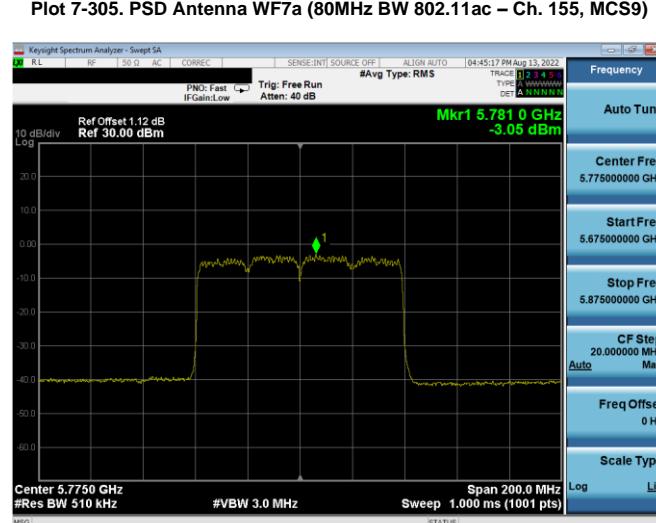
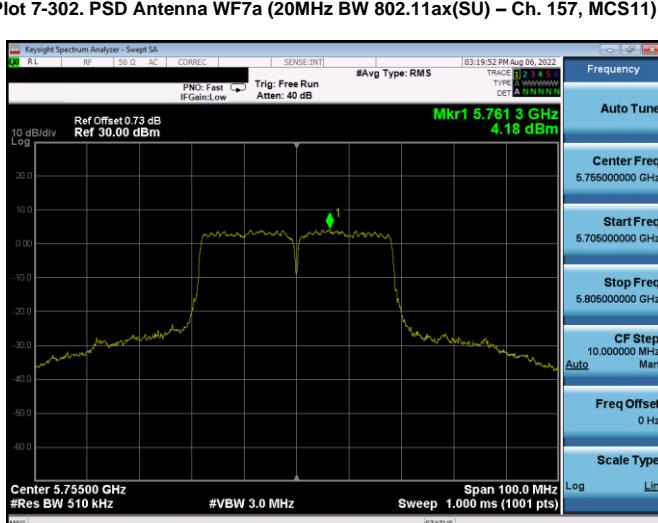
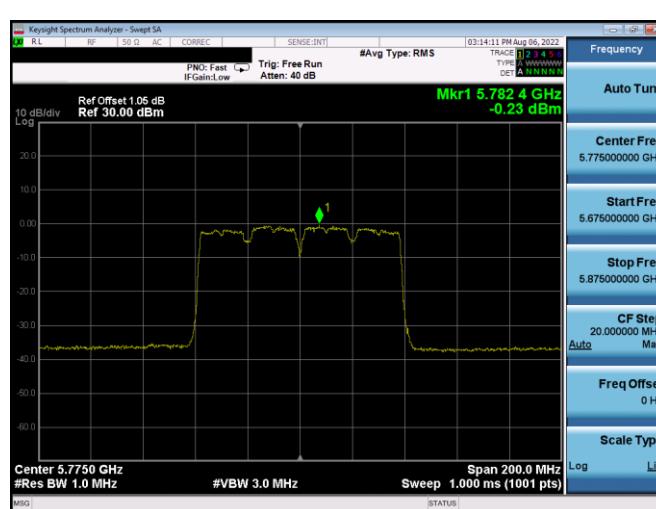
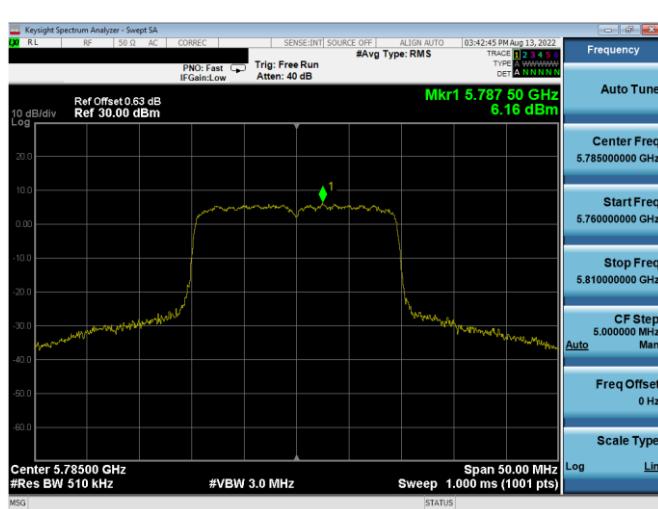
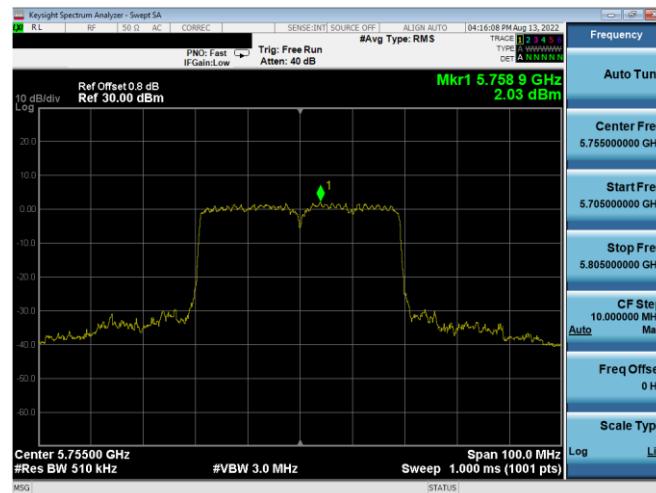
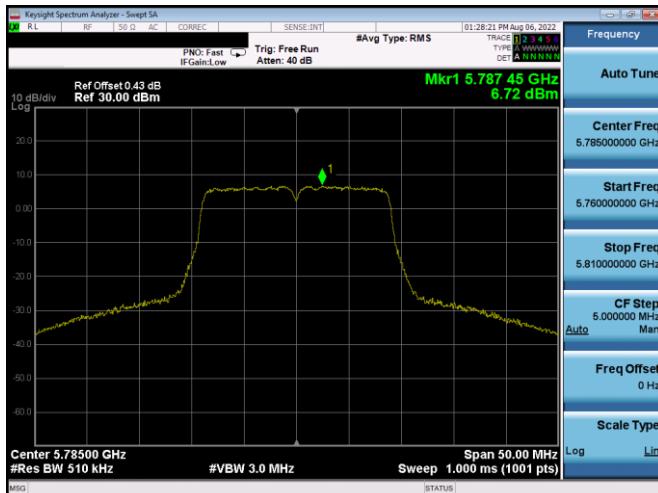
Plot 7-297. PSD Antenna WF7a (40MHz BW 802.11n – Ch. 151, MCS4)



Plot 7-300. PSD Antenna WF7a (80MHz BW 802.11ax(SU) – Ch. 155, MCS4)

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Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
5180	36	n (20MHz)	6.5/7.2 (MCS0)	4.73	2.90	7.63	10.0	-2.37
5200	40	n (20MHz)	6.5/7.2 (MCS0)	4.74	2.90	7.64	10.0	-2.36
5240	48	n (20MHz)	6.5/7.2 (MCS0)	4.05	2.90	6.95	10.0	-3.05
5180	36	ax (SU) (20MHz)	8/8.6 (MCS0)	3.18	2.90	6.08	10.0	-3.92
5200	40	ax (SU) (20MHz)	8/8.6 (MCS0)	2.82	2.90	5.72	10.0	-4.28
5240	48	ax (SU) (20MHz)	8/8.6 (MCS0)	2.29	2.90	5.19	10.0	-4.81
5190	38	n (40MHz)	13.5/15 (MCS0)	0.15	2.90	3.05	10.0	-6.95
5230	46	n (40MHz)	13.5/15 (MCS0)	3.83	2.90	6.73	10.0	-3.27
5190	38	ax (SU) (40MHz)	16/17.2 (MCS0)	-3.05	2.90	-0.15	10.0	-10.15
5230	46	ax (SU) (40MHz)	16/17.2 (MCS0)	2.42	2.90	5.32	10.0	-4.68
5210	42	ac (80MHz)	29.3/32.5 (MCS0)	-2.24	2.90	0.66	10.0	-9.34
5210	42	ax (SU) (80MHz)	34/36 (MCS0)	-5.29	2.90	-2.39	10.0	-12.39

Table 7-107. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna WF7a (Low Data Rate)

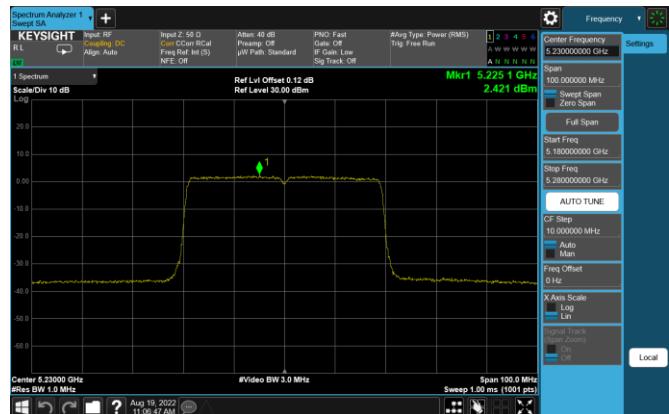
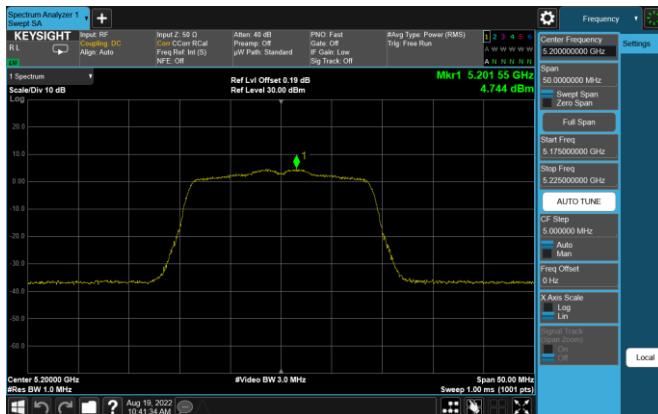
Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
5180	36	n (20MHz)	6.5/7.2 (MCS0)	5.53	2.90	8.43	10.0	-1.57
5200	40	n (20MHz)	6.5/7.2 (MCS0)	4.93	2.90	7.83	10.0	-2.17
5240	48	n (20MHz)	6.5/7.2 (MCS0)	4.36	2.90	7.26	10.0	-2.74
5180	36	ax (SU) (20MHz)	8/8.6 (MCS0)	3.81	2.90	6.71	10.0	-3.29
5200	40	ax (SU) (20MHz)	8/8.6 (MCS0)	3.57	2.90	6.47	10.0	-3.53
5240	48	ax (SU) (20MHz)	8/8.6 (MCS0)	3.07	2.90	5.97	10.0	-4.03
5190	38	n (40MHz)	13.5/15 (MCS0)	0.31	2.90	3.21	10.0	-6.79
5230	46	n (40MHz)	13.5/15 (MCS0)	4.23	2.90	7.13	10.0	-2.87
5190	38	ax (SU) (40MHz)	16/17.2 (MCS0)	-2.38	2.90	0.52	10.0	-9.48
5230	46	ax (SU) (40MHz)	16/17.2 (MCS0)	2.96	2.90	5.86	10.0	-4.14
5210	42	ac (80MHz)	29.3/32.5 (MCS0)	-2.73	2.90	0.17	10.0	-9.83
5210	42	ax (SU) (80MHz)	34/36 (MCS0)	-5.31	2.90	-2.41	10.0	-12.41

Table 7-108. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna WF7a (Mid Data Rate)

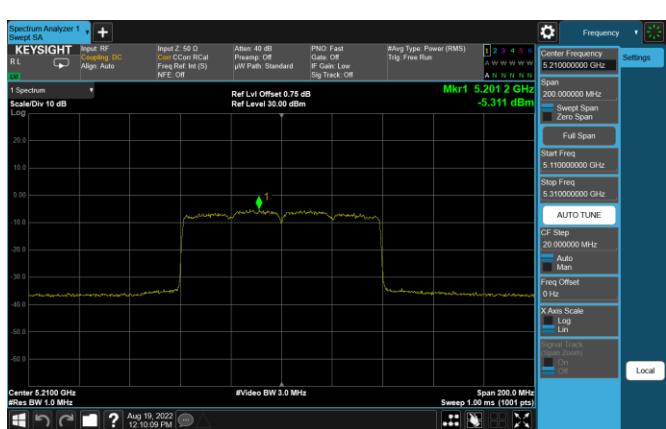
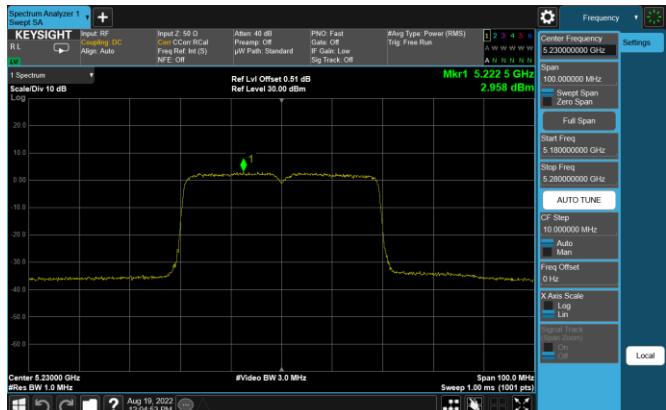
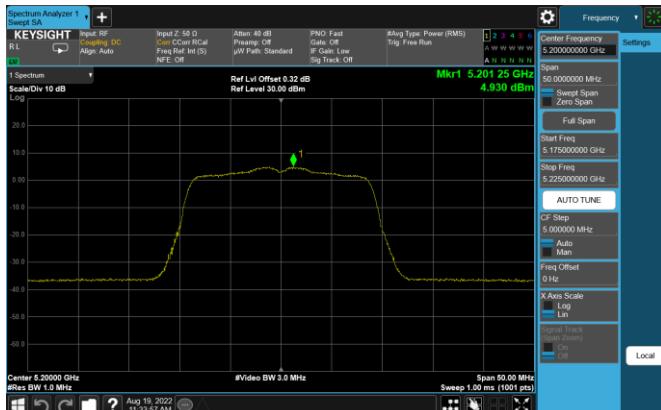
Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
5180	36	n (20MHz)	6.5/7.2 (MCS0)	3.95	2.90	6.85	10.0	-3.15
5200	40	n (20MHz)	6.5/7.2 (MCS0)	3.75	2.90	6.65	10.0	-3.35
5240	48	n (20MHz)	6.5/7.2 (MCS0)	3.46	2.90	6.36	10.0	-3.65
5180	36	ax (SU) (20MHz)	8/8.6 (MCS0)	3.65	2.90	6.55	10.0	-3.45
5200	40	ax (SU) (20MHz)	8/8.6 (MCS0)	3.90	2.90	6.80	10.0	-3.20
5240	48	ax (SU) (20MHz)	8/8.6 (MCS0)	3.22	2.90	6.12	10.0	-3.89
5190	38	n (40MHz)	13.5/15 (MCS0)	-1.76	2.90	1.14	10.0	-8.86
5230	46	n (40MHz)	13.5/15 (MCS0)	3.16	2.90	6.06	10.0	-3.94
5190	38	ax (SU) (40MHz)	16/17.2 (MCS0)	-2.97	2.90	-0.07	10.0	-10.07
5230	46	ax (SU) (40MHz)	16/17.2 (MCS0)	3.19	2.90	6.09	10.0	-3.91
5210	42	ac (80MHz)	29.3/32.5 (MCS0)	-5.00	2.90	-2.10	10.0	-12.10
5210	42	ax (SU) (80MHz)	34/36 (MCS0)	-6.20	2.90	-3.30	10.0	-13.30

Table 7-109. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna WF7a (High Data Rate)

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