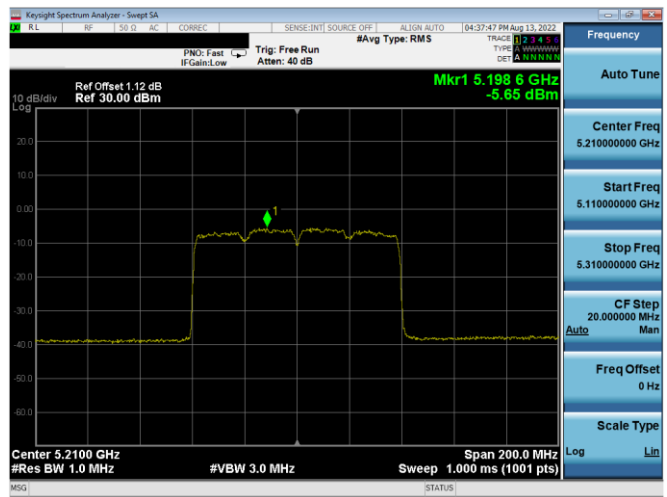
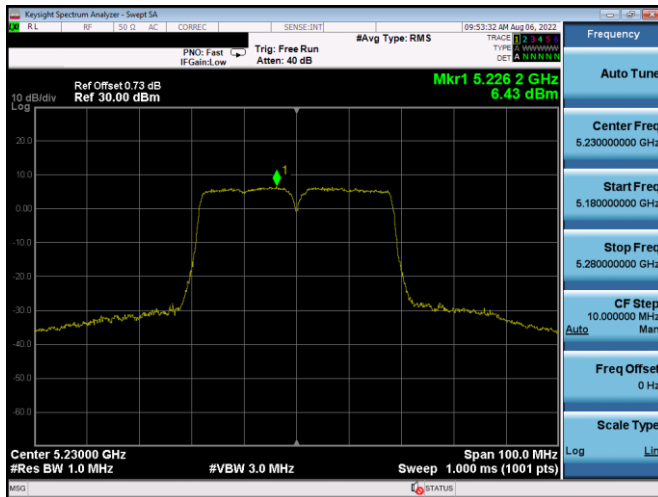
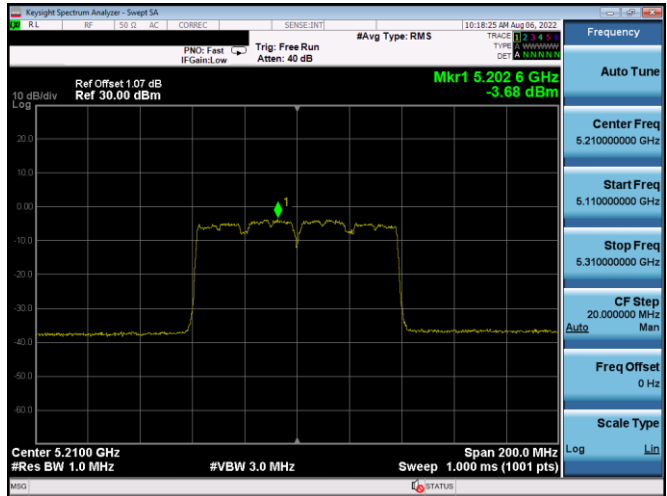
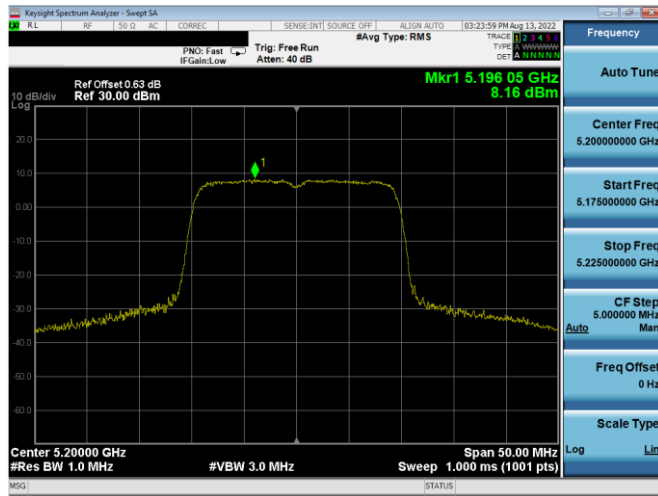
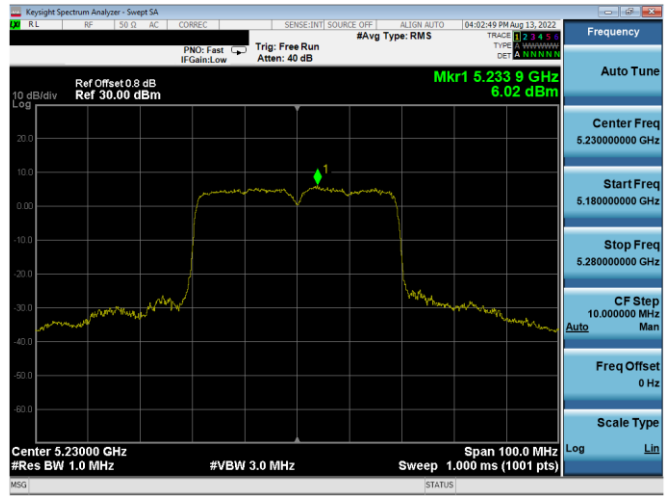
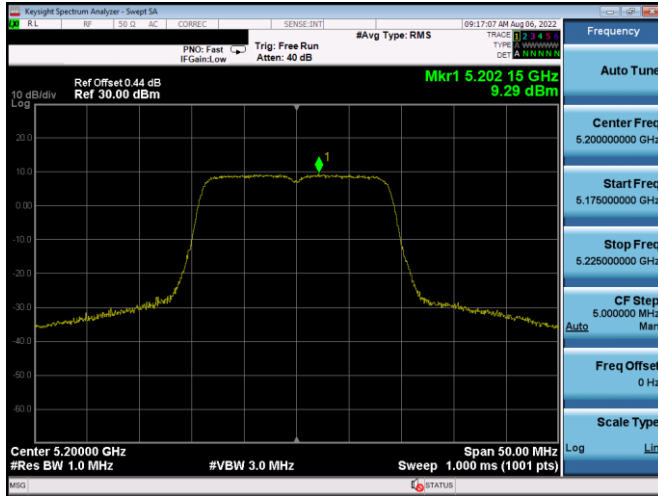
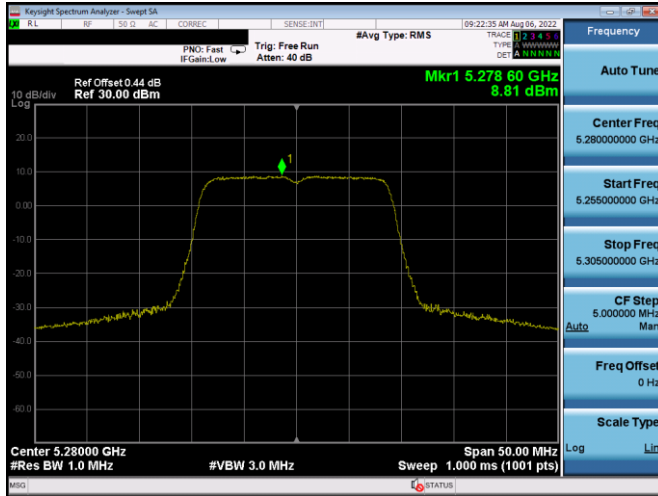
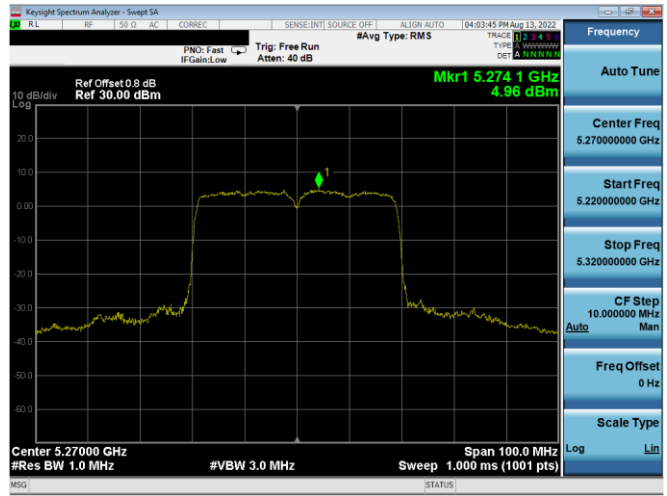




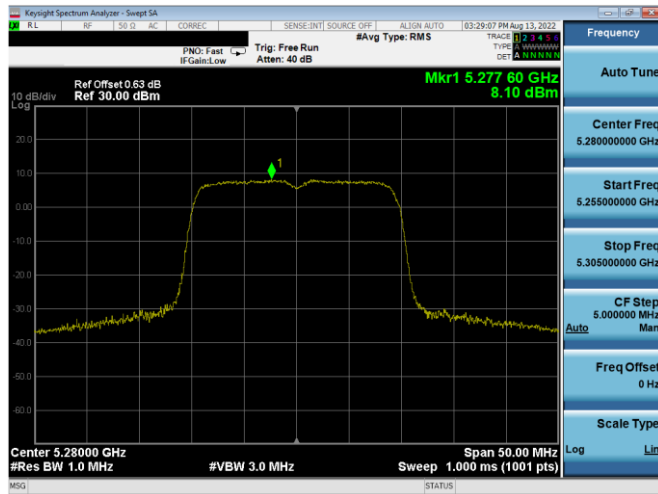
FCC ID: BCGA2696 IC: 579C-A2696	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090022-07.BCG	Test Dates: 8/7/2022 – 9/7/2022	EUT Type: Tablet Device	Page 94 of 358



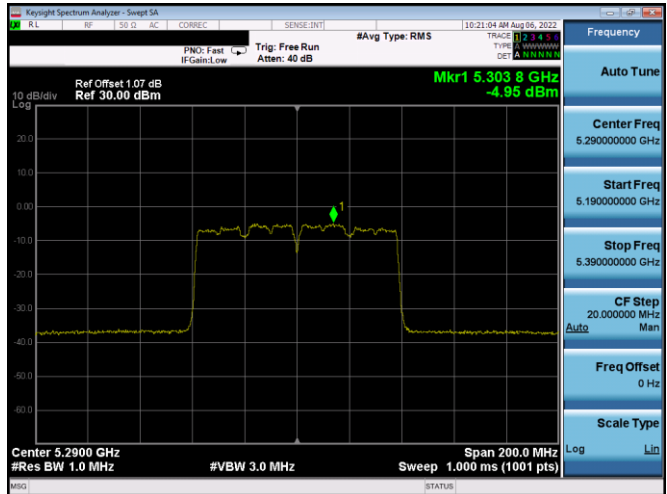
Plot 7-187. PSD Antenna WF8 (20MHz BW 802.11n – Ch. 56, MCS7)



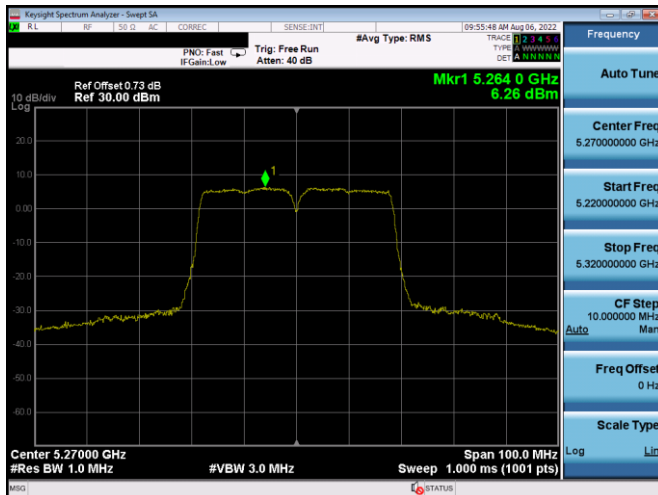
Plot 7-190. PSD Antenna WF8 (40MHz BW 802.11ax(SU) – Ch. 54, MCS11)



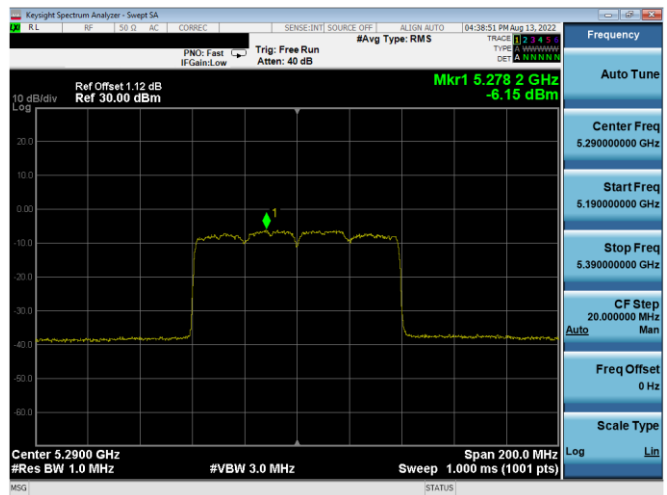
Plot 7-188. PSD Antenna WF8 (20MHz BW 802.11ax(SU) – Ch. 56, MCS11)



Plot 7-191. PSD Antenna WF8 (80MHz BW 802.11ac – Ch. 58, MCS9)

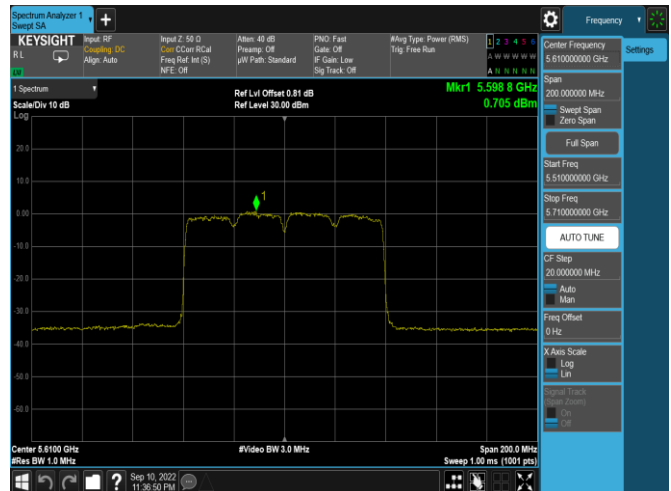
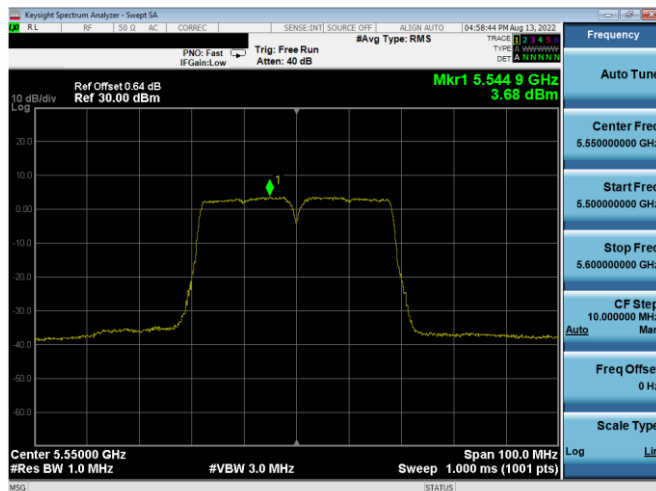
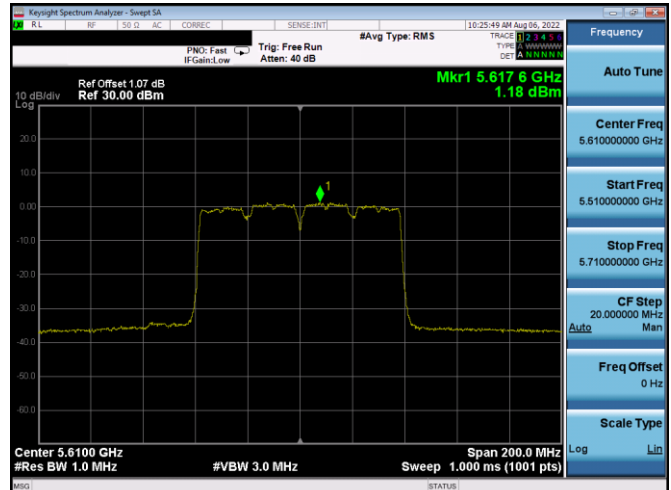
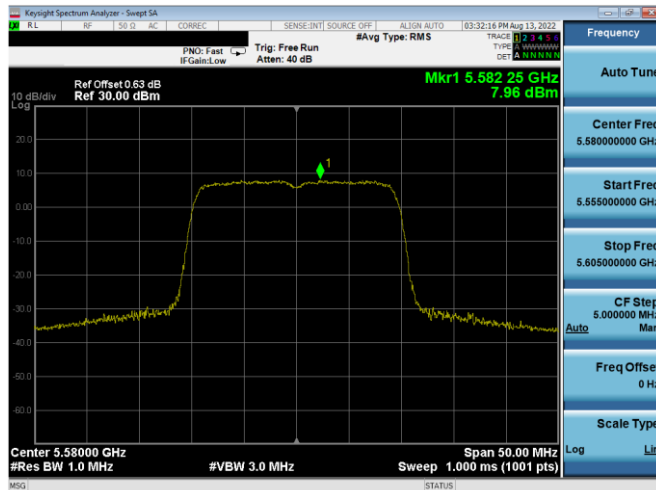
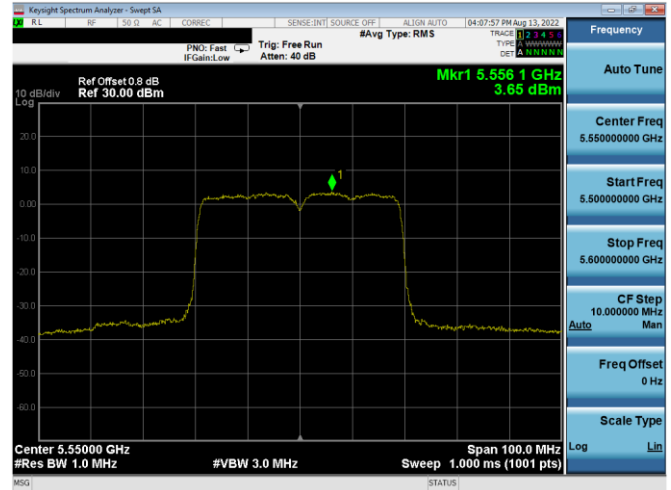
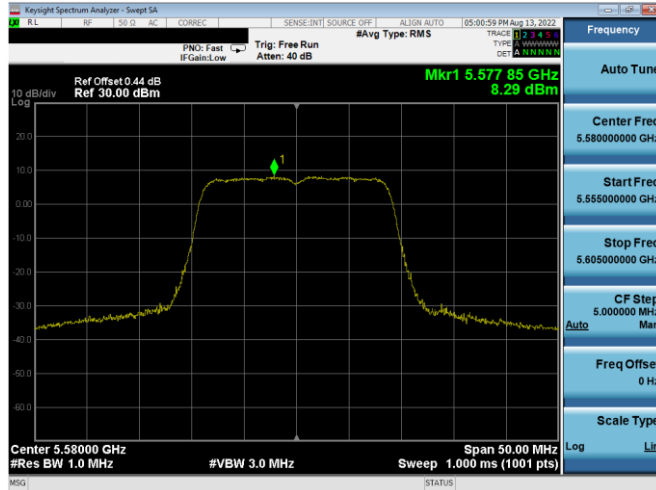


Plot 7-189. PSD Antenna WF8 (40MHz BW 802.11n – Ch. 54, MCS7)



Plot 7-192. PSD Antenna WF8 (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 95 of 358



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 96 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)	7.37	30.0	-22.63
	5785	157	n (20MHz)	6.5/7.2 (MCS0)	7.50	30.0	-22.50
	5825	165	n (20MHz)	6.5/7.2 (MCS0)	7.59	30.0	-22.41
	5745	149	ax (SU) (20MHz)	8/8.6 (MCS0)	5.12	30.0	-24.88
	5785	157	ax (SU) (20MHz)	8/8.6 (MCS0)	5.65	30.0	-24.35
	5825	165	ax (SU) (20MHz)	8/8.6 (MCS0)	5.24	30.0	-24.76
	5755	151	n (40MHz)	13.5/15 (MCS0)	4.70	30.0	-25.30
	5795	159	n (40MHz)	13.5/15 (MCS0)	4.81	30.0	-25.20
	5755	151	ax (SU) (40MHz)	16/17.2 (MCS0)	2.72	30.0	-27.28
	5795	159	ax (SU) (40MHz)	16/17.2 (MCS0)	3.20	30.0	-26.80
	5775	155	ac (80MHz)	29.3/32.5 (MCS0)	1.50	30.0	-28.50
	5775	155	ax (SU) (80MHz)	34/36 (MCS0)	-2.37	30.0	-32.37

Table 7-95. Band 3 Power Spectral Density Measurements Antenna WF8 (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)	7.91	30.0	-22.09
	5785	157	n (20MHz)	39/43.3 (MCS4)	8.11	30.0	-21.89
	5825	165	n (20MHz)	39/43.3 (MCS4)	7.94	30.0	-22.06
	5745	149	ax (SU) (20MHz)	49/51.6 (MCS4)	6.19	30.0	-23.81
	5785	157	ax (SU) (20MHz)	49/51.6 (MCS4)	6.54	30.0	-23.46
	5825	165	ax (SU) (20MHz)	49/51.6 (MCS4)	6.06	30.0	-23.94
	5755	151	n (40MHz)	81/90 (MCS4)	4.28	30.0	-25.72
	5795	159	n (40MHz)	81/90 (MCS4)	5.05	30.0	-24.95
	5755	151	ax (SU) (40MHz)	98/103.2 (MCS4)	2.30	30.0	-27.70
	5795	159	ax (SU) (40MHz)	98/103.2 (MCS4)	3.43	30.0	-26.57
	5775	155	ac (80MHz)	175.5/195 (MCS4)	1.57	30.0	-28.43
	5775	155	ax (SU) (80MHz)	204/216.2 (MCS4)	-2.95	30.0	-32.95

Table 7-96. Band 3 Power Spectral Density Measurements Antenna WF8 (Mid Data Rate)

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 97 of 358

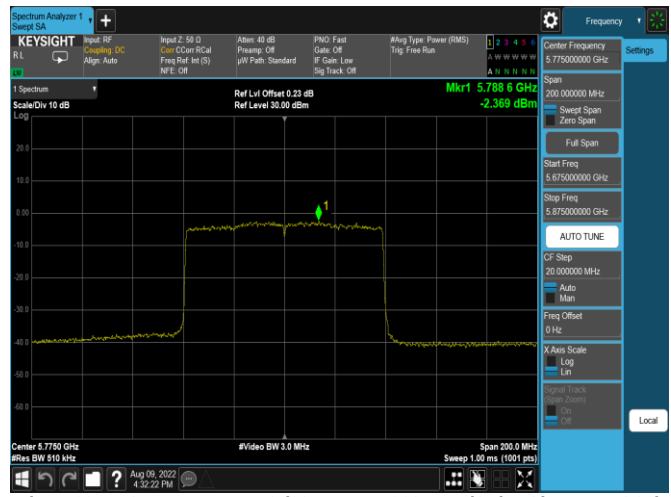
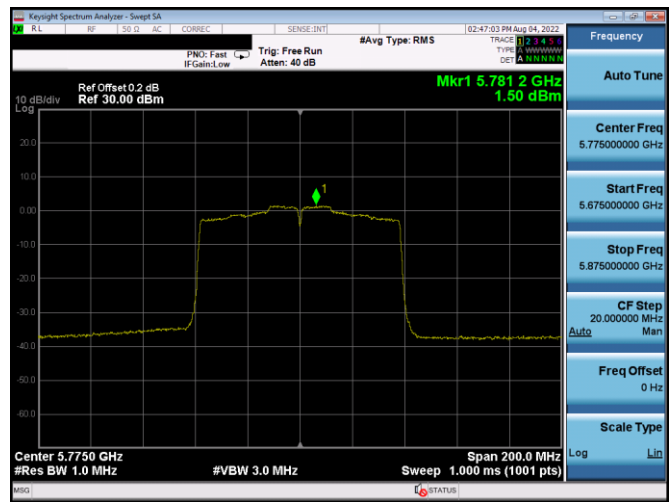
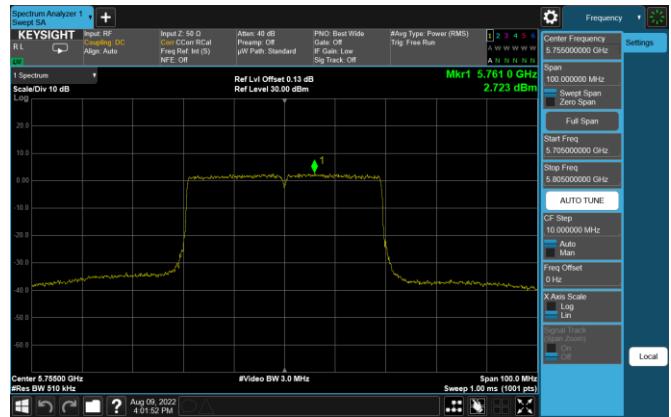
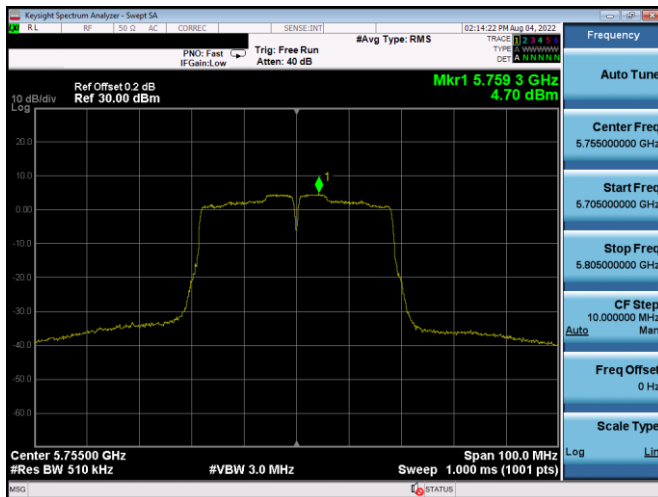
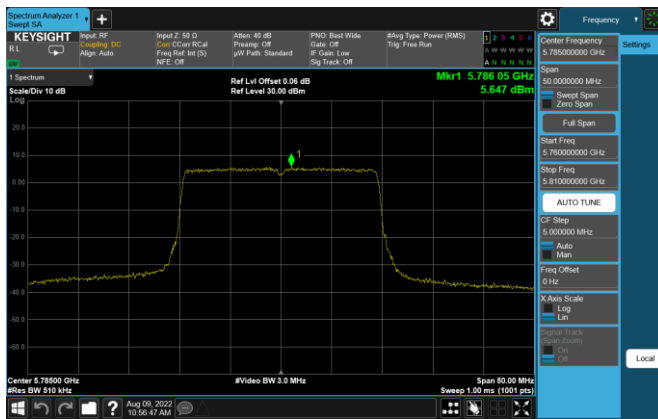
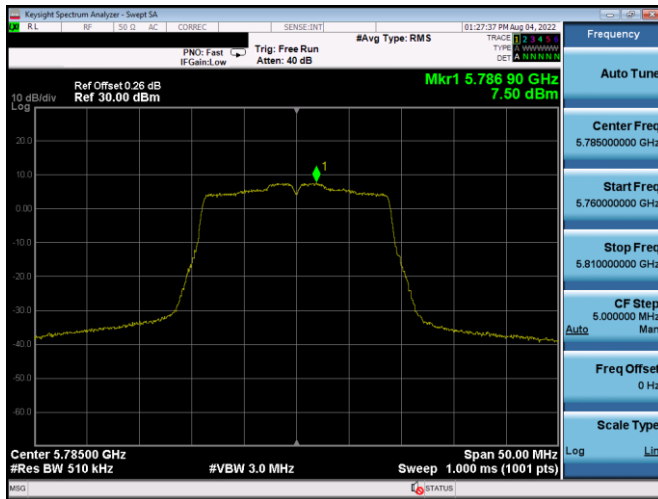
V 10.5 12/15/2021

	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)	7.25	30.0	-22.75
	5785	157	n (20MHz)	65/72.2 (MCS7)	7.33	30.0	-22.68
	5825	165	n (20MHz)	65/72.2 (MCS7)	7.06	30.0	-22.94
	5745	149	ax (SU) (20MHz)	135/143.4 (MCS11)	6.23	30.0	-23.77
	5785	157	ax (SU) (20MHz)	135/143.4 (MCS11)	6.48	30.0	-23.52
	5825	165	ax (SU) (20MHz)	135/143.4 (MCS11)	6.46	30.0	-23.54
	5755	151	n (40MHz)	135/150 (MCS7)	3.47	30.0	-26.53
	5795	159	n (40MHz)	135/150 (MCS7)	4.51	30.0	-25.49
	5755	151	ax (SU) (40MHz)	271/286.8 (MCS11)	1.90	30.0	-28.10
	5795	159	ax (SU) (40MHz)	271/286.8 (MCS11)	3.44	30.0	-26.57
	5775	155	ac (80MHz)	390/433.3 (MCS9)	0.50	30.0	-29.51
	5775	155	ax (SU) (80MHz)	567/600.5 (MCS11)	-2.91	30.0	-32.91

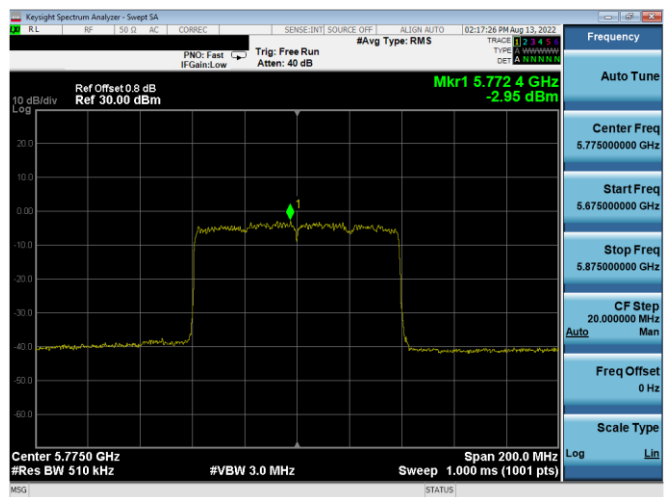
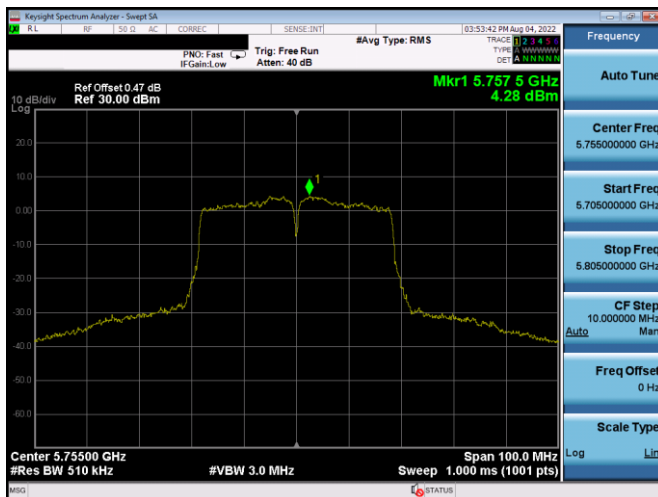
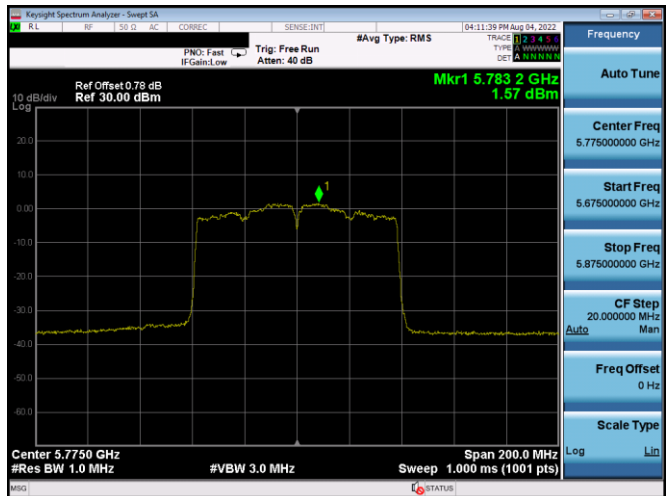
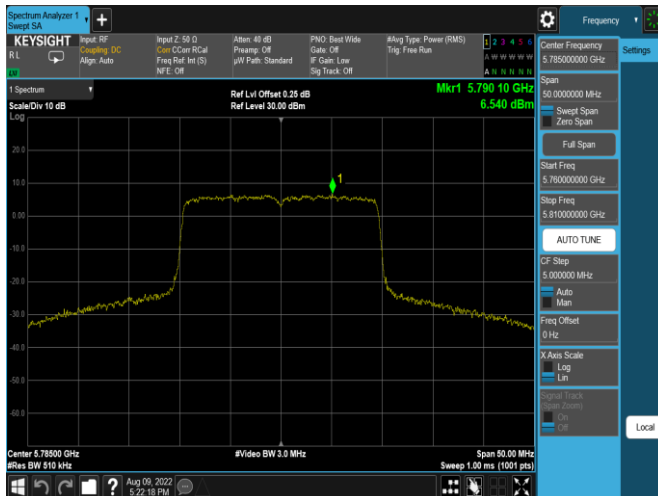
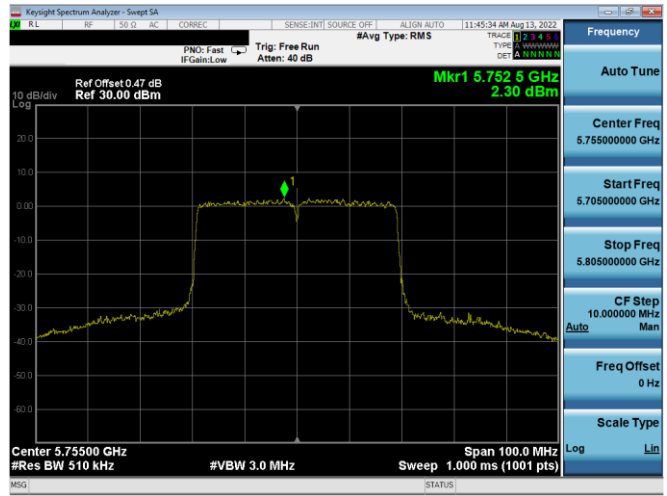
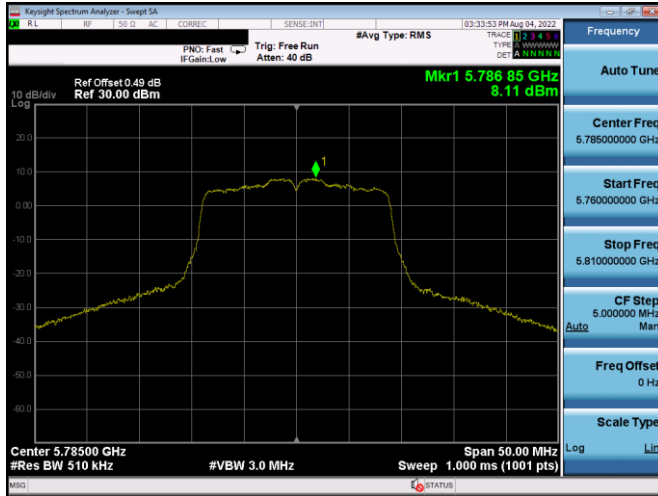
Table 7-97. Band 3 Power Spectral Density Measurements Antenna WF8 (High Data Rate)

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 98 of 358

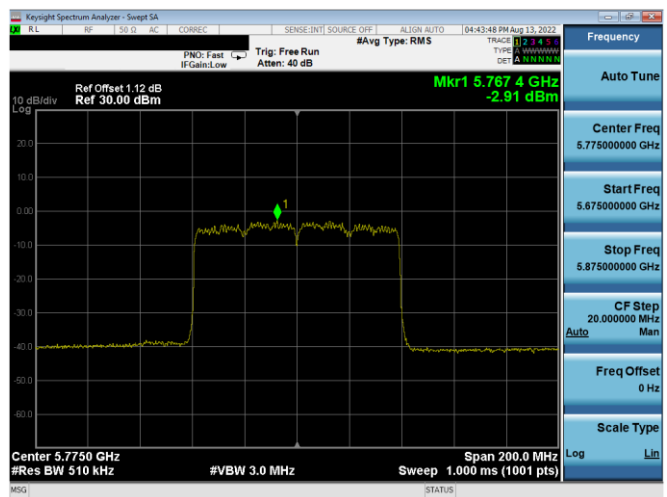
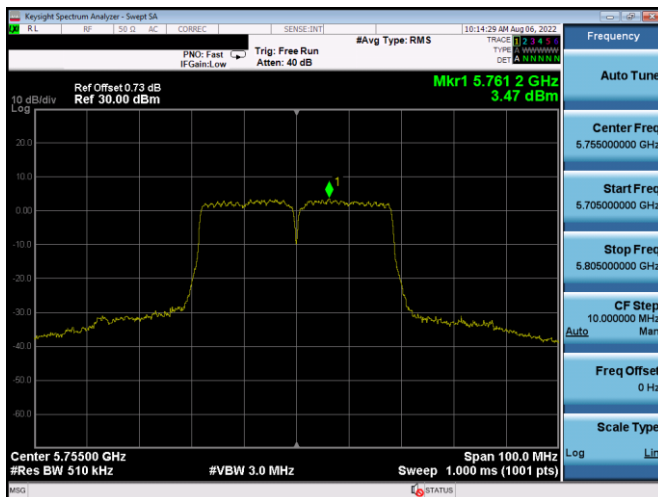
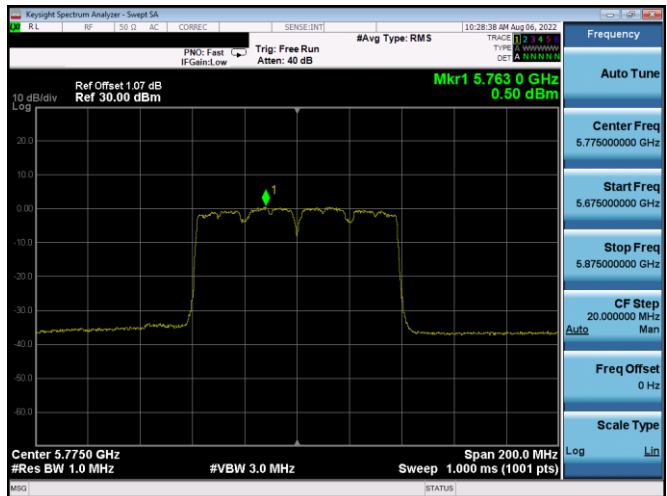
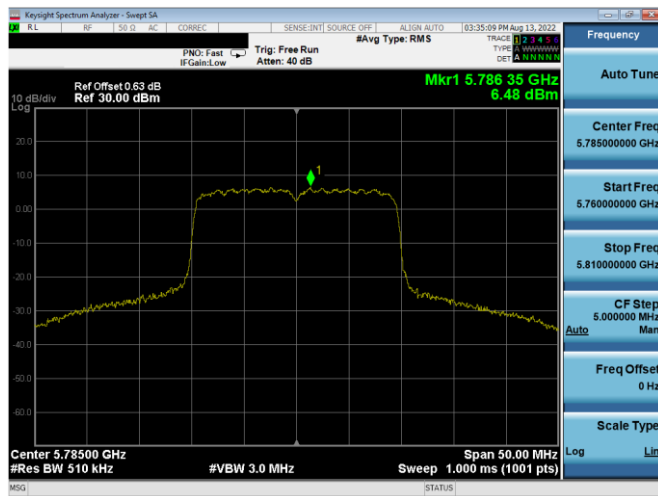
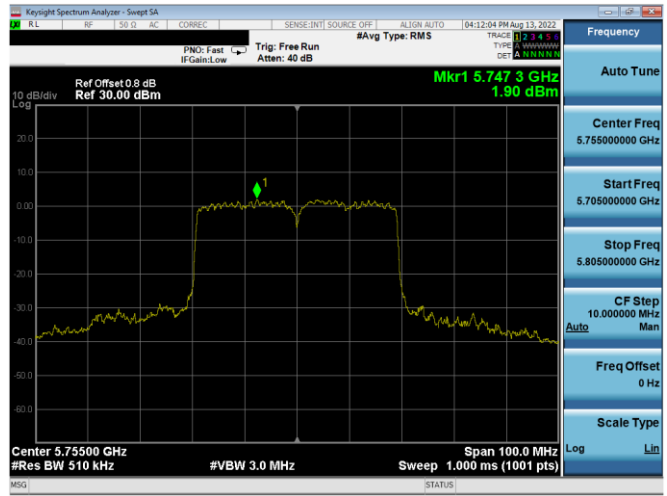
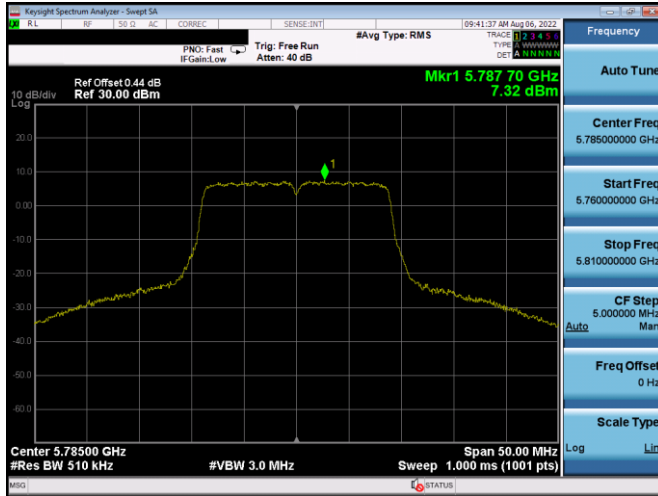
V 10.5 12/15/2021



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 99 of 358



FCC ID: BCGA2696 IC: 579C-A2696	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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FCC ID: BCGA2696 IC: 579C-A2696	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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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]
Band 1	5180	36	n (20MHz)	6.5/7.2 (MCS0)	5.57	3.40	8.97	10.0	-1.03
	5200	40	n (20MHz)	6.5/7.2 (MCS0)	5.82	3.40	9.22	10.0	-0.78
	5240	48	n (20MHz)	6.5/7.2 (MCS0)	5.97	3.40	9.37	10.0	-0.63
	5180	36	ax (SU) (20MHz)	8/8.6 (MCS0)	3.52	3.40	6.92	10.0	-3.08
	5200	40	ax (SU) (20MHz)	8/8.6 (MCS0)	3.67	3.40	7.07	10.0	-2.93
	5240	48	ax (SU) (20MHz)	8/8.6 (MCS0)	3.27	3.40	6.67	10.0	-3.33
	5190	38	n (40MHz)	13.5/15 (MCS0)	1.10	3.40	4.50	10.0	-5.50
	5230	46	n (40MHz)	13.5/15 (MCS0)	4.82	3.40	8.22	10.0	-1.78
	5190	38	ax (SU) (40MHz)	16/17.2 (MCS0)	-2.15	3.40	1.25	10.0	-8.75
	5230	46	ax (SU) (40MHz)	16/17.2 (MCS0)	3.23	3.40	6.63	10.0	-3.37
	5210	42	ac (80MHz)	29.3/32.5 (MCS0)	-2.08	3.40	1.32	10.0	-8.68
	5210	42	ax (SU) (80MHz)	34/36 (MCS0)	-4.93	3.40	-1.53	10.0	-11.53

Table 7-98. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna WF8 (Low Data Rate)

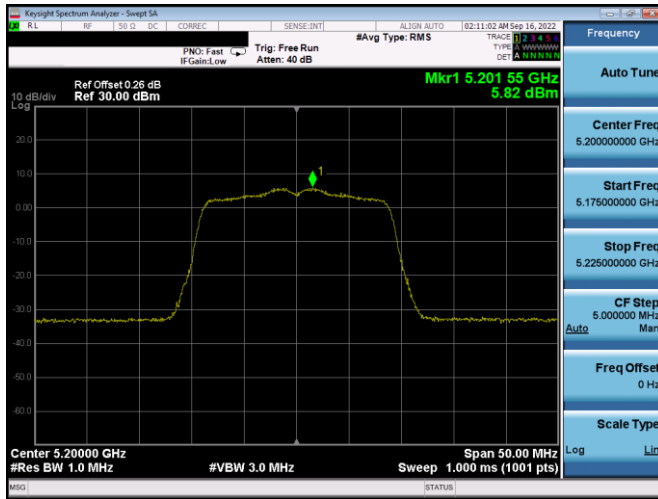
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	6.5/7.2 (MCS0)	6.11	3.40	9.51	10.0	-0.49
	5200	40	n (20MHz)	6.5/7.2 (MCS0)	5.86	3.40	9.26	10.0	-0.74
	5240	48	n (20MHz)	6.5/7.2 (MCS0)	5.90	3.40	9.30	10.0	-0.70
	5180	36	ax (SU) (20MHz)	8/8.6 (MCS0)	4.23	3.40	7.63	10.0	-2.37
	5200	40	ax (SU) (20MHz)	8/8.6 (MCS0)	4.17	3.40	7.57	10.0	-2.44
	5240	48	ax (SU) (20MHz)	8/8.6 (MCS0)	4.12	3.40	7.52	10.0	-2.49
	5190	38	n (40MHz)	13.5/15 (MCS0)	0.81	3.40	4.21	10.0	-5.79
	5230	46	n (40MHz)	13.5/15 (MCS0)	4.94	3.40	8.34	10.0	-1.66
	5190	38	ax (SU) (40MHz)	16/17.2 (MCS0)	-1.41	3.40	1.99	10.0	-8.01
	5230	46	ax (SU) (40MHz)	16/17.2 (MCS0)	3.41	3.40	6.81	10.0	-3.19
	5210	42	ac (80MHz)	29.3/32.5 (MCS0)	-1.86	3.40	1.54	10.0	-8.46
	5210	42	ax (SU) (80MHz)	34/36 (MCS0)	-4.61	3.40	-1.21	10.0	-11.21

Table 7-99. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna WF8 (Mid Data Rate)

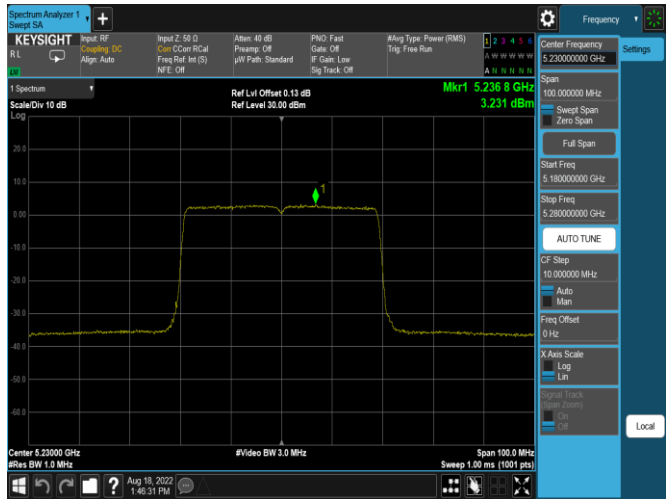
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	6.5/7.2 (MCS0)	3.71	3.40	7.11	10.0	-2.89
	5200	40	n (20MHz)	6.5/7.2 (MCS0)	4.32	3.40	7.72	10.0	-2.28
	5240	48	n (20MHz)	6.5/7.2 (MCS0)	4.07	3.40	7.47	10.0	-2.53
	5180	36	ax (SU) (20MHz)	8/8.6 (MCS0)	3.76	3.40	7.16	10.0	-2.84
	5200	40	ax (SU) (20MHz)	8/8.6 (MCS0)	3.81	3.40	7.21	10.0	-2.79
	5240	48	ax (SU) (20MHz)	8/8.6 (MCS0)	3.69	3.40	7.09	10.0	-2.91
	5190	38	n (40MHz)	13.5/15 (MCS0)	-1.45	3.40	1.95	10.0	-8.05
	5230	46	n (40MHz)	13.5/15 (MCS0)	3.92	3.40	7.32	10.0	-2.68
	5190	38	ax (SU) (40MHz)	16/17.2 (MCS0)	-2.69	3.40	0.71	10.0	-9.29
	5230	46	ax (SU) (40MHz)	16/17.2 (MCS0)	3.77	3.40	7.17	10.0	-2.83
	5210	42	ac (80MHz)	29.3/32.5 (MCS0)	-4.88	3.40	-1.48	10.0	-11.48
	5210	42	ax (SU) (80MHz)	34/36 (MCS0)	-5.94	3.40	-2.54	10.0	-12.54

Table 7-100. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna WF8 (High Data Rate)

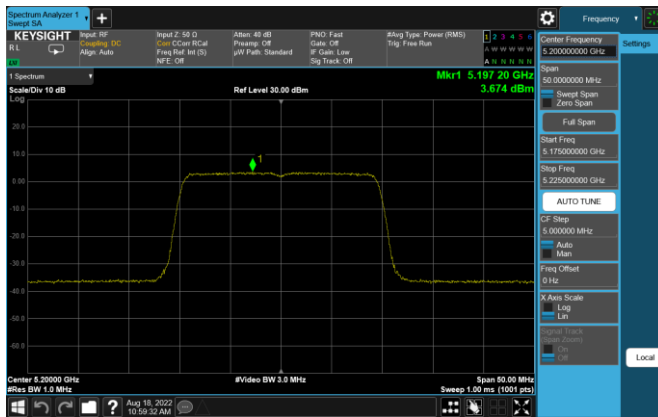
FCC ID: BCGA2696 IC: 579C-A2696	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090022-07.BCG	Test Dates: 8/7/2022 – 9/7/2022	EUT Type: Tablet Device	Page 102 of 358



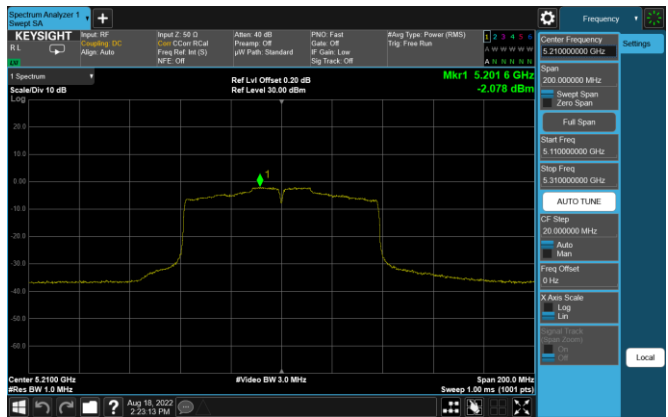
Plot 7-217. ISED PSD Antenna WF8 (20MHz BW 11n – Ch.40, MCS0)



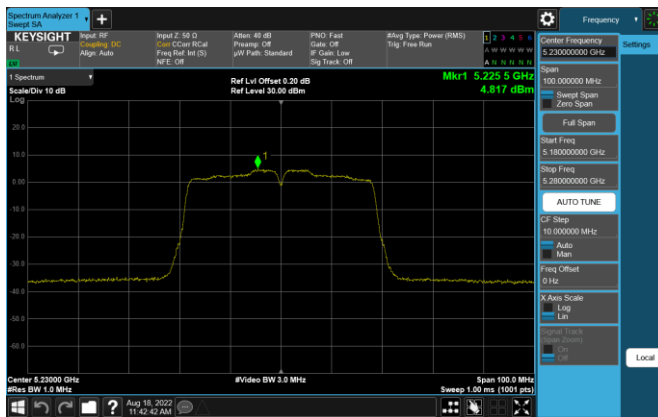
Plot 7-220. ISED PSD Antenna WF8 (40MHz BW 11ax(SU) – Ch.46, MCS0)



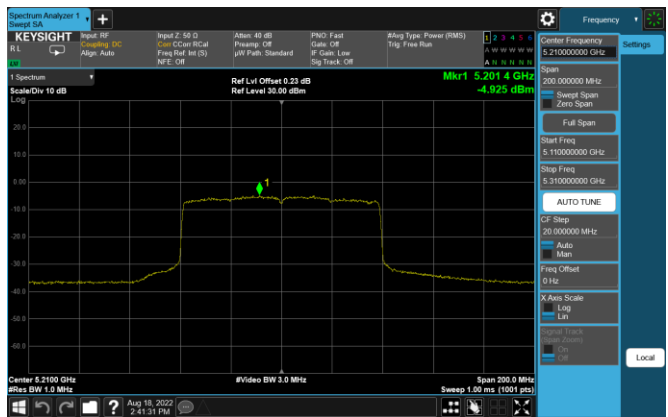
Plot 7-218. ISED PSD Antenna WF8 (20MHz BW 11ax(SU) – Ch.40, MCS0)



Plot 7-221. ISED PSD Antenna WF8 (80MHz BW 11ac – Ch.42, MCS0)

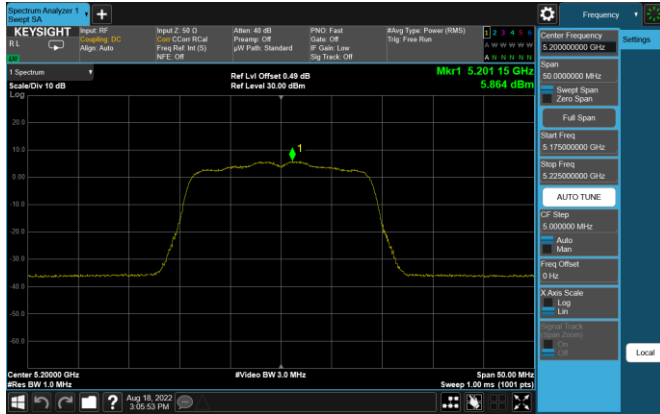


Plot 7-219. ISED PSD Antenna WF8 (40MHz BW 11n – Ch.46, MCS0)

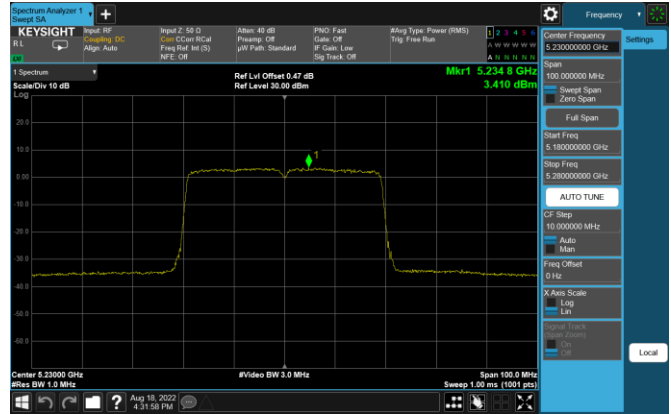


Plot 7-222. ISED PSD Antenna WF8 (80MHz BW 11ax(SU) – Ch.42, MCS0)

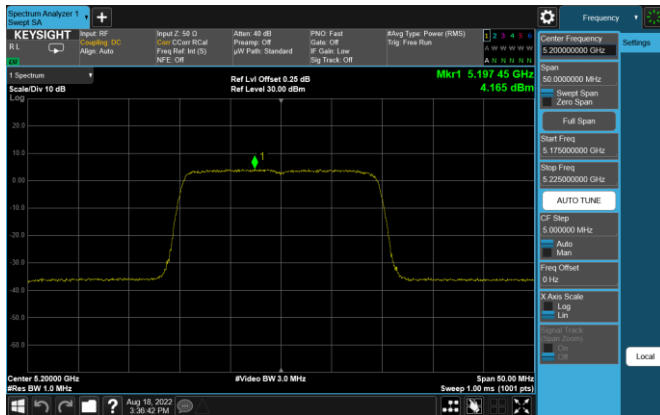
FCC ID: BCGA2696 IC: 579C-A2696	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090022-07.BCG	Test Dates: 8/7/2022 – 9/7/2022	EUT Type: Tablet Device	Page 103 of 358



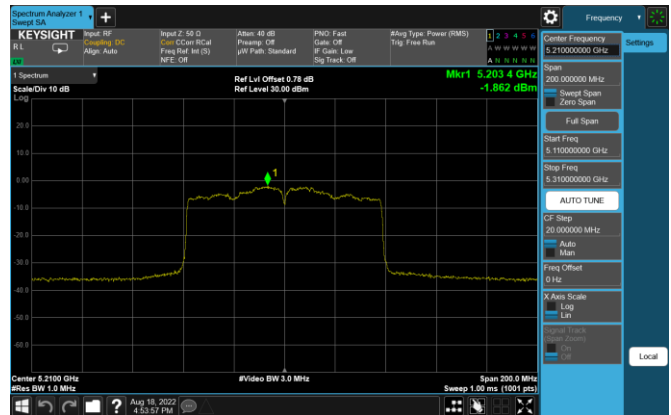
Plot 7-223. ISSED PSD Antenna WF8 (20MHz BW 11n – Ch.40, MCS4)



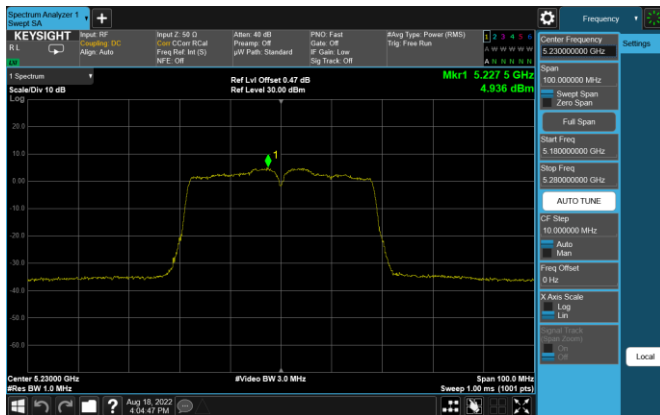
Plot 7-226. ISSED PSD Antenna WF8 (40MHz BW 11ax(SU) – Ch.46, MCS4)



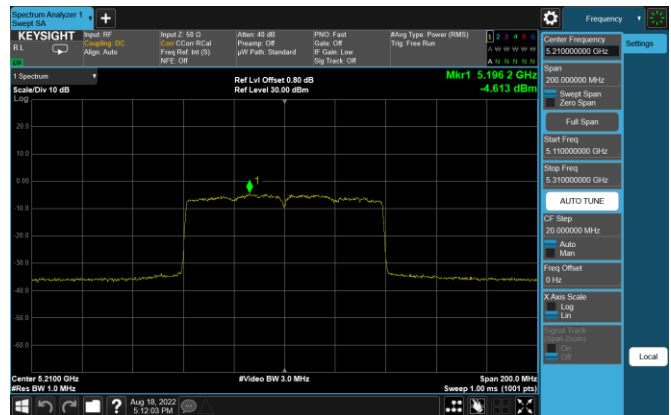
Plot 7-224. ISSED PSD Antenna WF8 (20MHz BW 11ax(SU) – Ch.40, MCS4)



Plot 7-227. ISSED PSD Antenna WF8 (80MHz BW 11ac – Ch.42, MCS4)

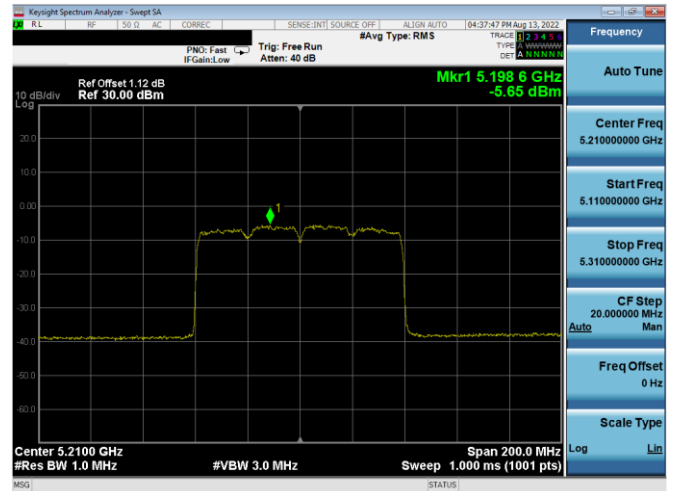
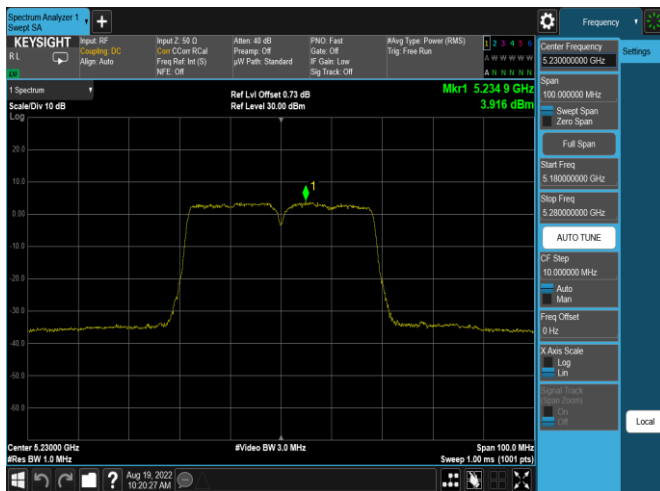
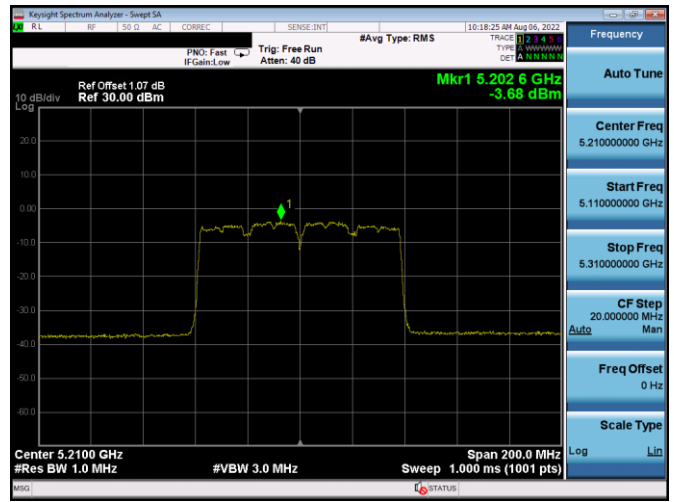
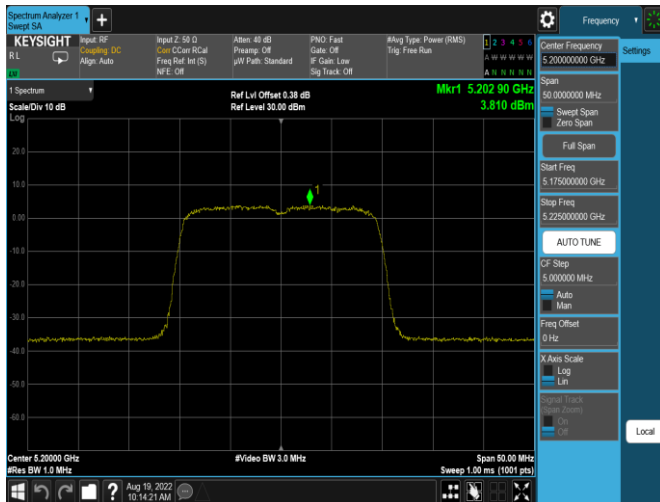
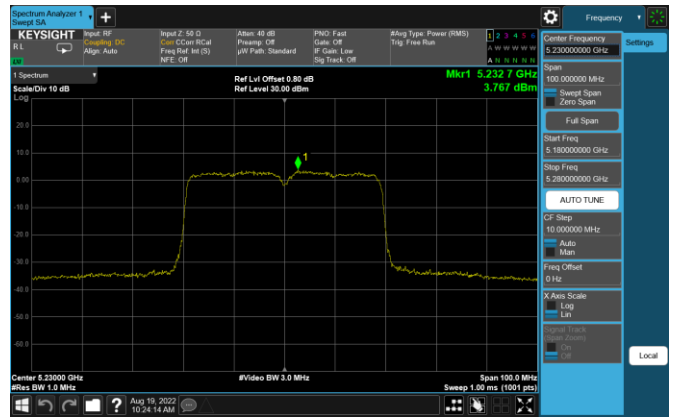
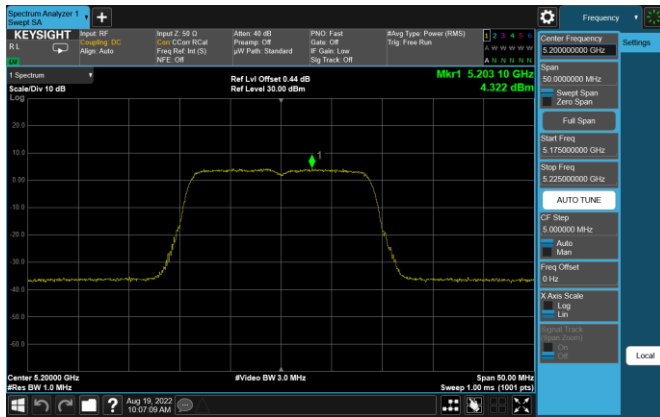


Plot 7-225. ISSED PSD Antenna WF8 (40MHz BW 11n – Ch.46, MCS4)



Plot 7-228. ISSED PSD Antenna WF8 (80MHz BW 11ax(SU) – Ch.42, MCS4)

FCC ID: BCGA2696 IC: 579C-A2696	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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FCC ID: BCGA2696 IC: 579C-A2696		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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7.5.2 Antenna WF7a Power Spectral Density Measurements

	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	6.5/7.2 (MCS0)	7.55	11.0	-3.45
	5200	40	n (20MHz)	6.5/7.2 (MCS0)	9.56	11.0	-1.45
	5240	48	n (20MHz)	6.5/7.2 (MCS0)	9.42	11.0	-1.58
	5180	36	ax (SU) (20MHz)	8/8.6 (MCS0)	5.22	11.0	-5.78
	5200	40	ax (SU) (20MHz)	8/8.6 (MCS0)	7.32	11.0	-3.68
	5240	48	ax (SU) (20MHz)	8/8.6 (MCS0)	7.09	11.0	-3.91
	5190	38	n (40MHz)	13.5/15 (MCS0)	0.97	11.0	-10.03
	5230	46	n (40MHz)	13.5/15 (MCS0)	7.77	11.0	-3.23
	5190	38	ax (SU) (40MHz)	16/17.2 (MCS0)	-1.95	11.0	-12.95
	5230	46	ax (SU) (40MHz)	16/17.2 (MCS0)	4.67	11.0	-6.33
	5210	42	ac (80MHz)	29.3/32.5 (MCS0)	-1.79	11.0	-12.79
	5210	42	ax (SU) (80MHz)	34/36 (MCS0)	-3.45	11.0	-14.45
Band 2A	5260	52	n (20MHz)	6.5/7.2 (MCS0)	9.30	11.0	-1.71
	5280	56	n (20MHz)	6.5/7.2 (MCS0)	8.76	11.0	-2.25
	5320	64	n (20MHz)	6.5/7.2 (MCS0)	7.97	11.0	-3.03
	5260	52	ax (SU) (20MHz)	8/8.6 (MCS0)	6.69	11.0	-4.31
	5280	56	ax (SU) (20MHz)	8/8.6 (MCS0)	7.02	11.0	-3.98
	5320	64	ax (SU) (20MHz)	8/8.6 (MCS0)	4.45	11.0	-6.55
	5270	54	n (40MHz)	13.5/15 (MCS0)	7.34	11.0	-3.67
	5310	62	n (40MHz)	13.5/15 (MCS0)	0.38	11.0	-10.62
	5270	54	ax (SU) (40MHz)	16/17.2 (MCS0)	4.33	11.0	-6.67
	5310	62	ax (SU) (40MHz)	16/17.2 (MCS0)	-2.29	11.0	-13.29
	5290	58	ac (80MHz)	29.3/32.5 (MCS0)	-3.57	11.0	-14.57
	5290	58	ax (SU) (80MHz)	34/36 (MCS0)	-5.88	11.0	-16.88
Band 2C	5500	100	n (20MHz)	6.5/7.2 (MCS0)	6.47	11.0	-4.53
	5580	116	n (20MHz)	6.5/7.2 (MCS0)	9.10	11.0	-1.90
	5720	144	n (20MHz)	6.5/7.2 (MCS0)	9.90	11.0	-1.10
	5500	100	ax (SU) (20MHz)	8/8.6 (MCS0)	2.52	11.0	-8.48
	5580	116	ax (SU) (20MHz)	8/8.6 (MCS0)	7.61	11.0	-3.39
	5720	144	ax (SU) (20MHz)	8/8.6 (MCS0)	7.29	11.0	-3.71
	5510	102	n (40MHz)	13.5/15 (MCS0)	0.33	11.0	-10.67
	5550	110	n (40MHz)	13.5/15 (MCS0)	6.42	11.0	-4.58
	5590*	118	n (40MHz)	13.5/15 (MCS0)	7.92	11.0	-3.08
	5710	142	n (40MHz)	13.5/15 (MCS0)	7.85	11.0	-3.15
	5510	102	ax (SU) (40MHz)	16/17.2 (MCS0)	-2.32	11.0	-13.32
	5550	110	ax (SU) (40MHz)	16/17.2 (MCS0)	4.80	11.0	-6.20
	5710	142	ax (SU) (40MHz)	16/17.2 (MCS0)	5.15	11.0	-5.85
	5530	106	ac (80MHz)	29.3/32.5 (MCS0)	-2.71	11.0	-13.71
	5610*	122	ac (80MHz)	29.3/32.5 (MCS0)	3.39	11.0	-7.62
	5690	138	ac (80MHz)	29.3/32.5 (MCS0)	2.19	11.0	-8.81
	5530	106	ax (SU) (80MHz)	34/36 (MCS0)	-4.92	11.0	-15.92
	5610*	122	ax (SU) (80MHz)	34/36 (MCS0)	1.67	11.0	-9.33
	5690	138	ax (SU) (80MHz)	34/36 (MCS0)	2.55	11.0	-8.45

Table 7-101. Power Spectral Density Measurements Antenna WF7a (Low Data Rate)

*TDWR channel is not supported for ISSED (denoted by a * next to the frequency)

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 106 of 358

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	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	39/43.3 (MCS4)	7.56	11.0	-3.45
	5200	40	n (20MHz)	39/43.3 (MCS4)	9.86	11.0	-1.14
	5240	48	n (20MHz)	39/43.3 (MCS4)	10.05	11.0	-0.95
	5180	36	ax (SU) (20MHz)	49/51.6 (MCS4)	5.07	11.0	-5.93
	5200	40	ax (SU) (20MHz)	49/51.6 (MCS4)	7.80	11.0	-3.20
	5240	48	ax (SU) (20MHz)	49/51.6 (MCS4)	7.15	11.0	-3.85
	5190	38	n (40MHz)	81/90 (MCS4)	0.84	11.0	-10.16
	5230	46	n (40MHz)	81/90 (MCS4)	7.53	11.0	-3.47
	5190	38	ax (SU) (40MHz)	98/103.2 (MCS4)	-2.33	11.0	-13.33
	5230	46	ax (SU) (40MHz)	98/103.2 (MCS4)	5.42	11.0	-5.58
	5210	42	ac (80MHz)	175.5/195 (MCS4)	-2.19	11.0	-13.19
	5210	42	ax (SU) (80MHz)	204/216.2 (MCS4)	-5.39	11.0	-16.39
Band 2A	5260	52	n (20MHz)	39/43.3 (MCS4)	9.57	11.0	-1.43
	5280	56	n (20MHz)	39/43.3 (MCS4)	10.01	11.0	-0.99
	5320	64	n (20MHz)	39/43.3 (MCS4)	8.11	11.0	-2.89
	5260	52	ax (SU) (20MHz)	49/51.6 (MCS4)	7.25	11.0	-3.75
	5280	56	ax (SU) (20MHz)	49/51.6 (MCS4)	7.85	11.0	-3.15
	5320	64	ax (SU) (20MHz)	49/51.6 (MCS4)	4.98	11.0	-6.02
	5270	54	n (40MHz)	81/90 (MCS4)	7.27	11.0	-3.73
	5310	62	n (40MHz)	81/90 (MCS4)	-0.51	11.0	-11.51
	5270	54	ax (SU) (40MHz)	98/103.2 (MCS4)	5.12	11.0	-5.88
	5310	62	ax (SU) (40MHz)	98/103.2 (MCS4)	-3.05	11.0	-14.05
	5290	58	ac (80MHz)	175.5/195 (MCS4)	-3.29	11.0	-14.29
	5290	58	ax (SU) (80MHz)	204/216.2 (MCS4)	-6.87	11.0	-17.87
Band 2C	5500	100	n (20MHz)	39/43.3 (MCS4)	7.11	11.0	-3.89
	5580	116	n (20MHz)	39/43.3 (MCS4)	9.34	11.0	-1.66
	5720	144	n (20MHz)	39/43.3 (MCS4)	10.14	11.0	-0.86
	5500	100	ax (SU) (20MHz)	49/51.6 (MCS4)	3.22	11.0	-7.78
	5580	116	ax (SU) (20MHz)	49/51.6 (MCS4)	7.86	11.0	-3.14
	5720	144	ax (SU) (20MHz)	49/51.6 (MCS4)	8.02	11.0	-2.98
	5510	102	n (40MHz)	81/90 (MCS4)	0.47	11.0	-10.53
	5550	110	n (40MHz)	81/90 (MCS4)	5.20	11.0	-5.80
	5590*	118	n (40MHz)	81/90 (MCS4)	8.21	11.0	-2.79
	5710	142	n (40MHz)	81/90 (MCS4)	8.16	11.0	-2.84
	5510	102	ax (SU) (40MHz)	98/103.2 (MCS4)	-3.50	11.0	-14.50
	5550	110	ax (SU) (40MHz)	98/103.2 (MCS4)	4.06	11.0	-6.94
	5710	142	ax (SU) (40MHz)	98/103.2 (MCS4)	5.80	11.0	-5.20
	5530	106	ac (80MHz)	175.5/195 (MCS4)	-3.90	11.0	-14.90
	5610*	122	ac (80MHz)	175.5/195 (MCS4)	3.54	11.0	-7.46
	5690	138	ac (80MHz)	175.5/195 (MCS4)	3.59	11.0	-7.41
	5530	106	ax (SU) (80MHz)	204/216.2 (MCS4)	-5.77	11.0	-16.77
	5610*	122	ax (SU) (80MHz)	204/216.2 (MCS4)	2.21	11.0	-8.80
	5690	138	ax (SU) (80MHz)	204/216.2 (MCS4)	3.55	11.0	-7.45

Table 7-102. Power Spectral Density Measurements Antenna WF7a (Mid Data Rate)

*TDWR channel is not supported for ISSED (denoted by a * next to the frequency)

FCC ID: BCGA2696 IC: 579C-A2696	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	65/72.2 (MCS7)	4.83	11.0	-6.18
	5200	40	n (20MHz)	65/72.2 (MCS7)	8.29	11.0	-2.71
	5240	48	n (20MHz)	65/72.2 (MCS7)	8.19	11.0	-2.81
	5180	36	ax (SU) (20MHz)	135/143.4 (MCS11)	3.89	11.0	-7.11
	5200	40	ax (SU) (20MHz)	135/143.4 (MCS11)	7.75	11.0	-3.25
	5240	48	ax (SU) (20MHz)	135/143.4 (MCS11)	7.72	11.0	-3.29
	5190	38	n (40MHz)	135/150 (MCS7)	-2.04	11.0	-13.04
	5230	46	n (40MHz)	135/150 (MCS7)	5.18	11.0	-5.83
	5190	38	ax (SU) (40MHz)	271/286.8 (MCS11)	-4.29	11.0	-15.29
	5230	46	ax (SU) (40MHz)	271/286.8 (MCS11)	5.00	11.0	-6.01
	5210	42	ac (80MHz)	390/433.3 (MCS9)	-2.76	11.0	-13.76
	5210	42	ax (SU) (80MHz)	567/600.5 (MCS11)	-5.65	11.0	-16.65
Band 2A	5260	52	n (20MHz)	65/72.2 (MCS7)	7.60	11.0	-3.40
	5280	56	n (20MHz)	65/72.2 (MCS7)	7.64	11.0	-3.36
	5320	64	n (20MHz)	65/72.2 (MCS7)	4.98	11.0	-6.02
	5260	52	ax (SU) (20MHz)	135/143.4 (MCS11)	7.35	11.0	-3.65
	5280	56	ax (SU) (20MHz)	135/143.4 (MCS11)	7.80	11.0	-3.20
	5320	64	ax (SU) (20MHz)	135/143.4 (MCS11)	3.88	11.0	-7.12
	5270	54	n (40MHz)	135/150 (MCS7)	4.93	11.0	-6.07
	5310	62	n (40MHz)	135/150 (MCS7)	-2.66	11.0	-13.66
	5270	54	ax (SU) (40MHz)	271/286.8 (MCS11)	4.52	11.0	-6.48
	5310	62	ax (SU) (40MHz)	271/286.8 (MCS11)	-4.10	11.0	-15.10
	5290	58	ac (80MHz)	390/433.3 (MCS9)	-4.99	11.0	-15.99
	5290	58	ax (SU) (80MHz)	567/600.5 (MCS11)	-6.61	11.0	-17.61
Band 2C	5500	100	n (20MHz)	65/72.2 (MCS7)	2.98	11.0	-8.02
	5580	116	n (20MHz)	65/72.2 (MCS7)	8.58	11.0	-2.42
	5720	144	n (20MHz)	65/72.2 (MCS7)	8.74	11.0	-2.26
	5500	100	ax (SU) (20MHz)	135/143.4 (MCS11)	2.50	11.0	-8.50
	5580	116	ax (SU) (20MHz)	135/143.4 (MCS11)	7.99	11.0	-3.01
	5720	144	ax (SU) (20MHz)	135/143.4 (MCS11)	7.89	11.0	-3.11
	5510	102	n (40MHz)	135/150 (MCS7)	-2.58	11.0	-13.58
	5550	110	n (40MHz)	135/150 (MCS7)	4.06	11.0	-6.94
	5590*	118	n (40MHz)	135/150 (MCS7)	5.36	11.0	-5.64
	5710	142	n (40MHz)	135/150 (MCS7)	5.52	11.0	-5.48
	5510	102	ax (SU) (40MHz)	271/286.8 (MCS11)	-4.41	11.0	-15.41
	5550	110	ax (SU) (40MHz)	271/286.8 (MCS11)	3.80	11.0	-7.21
	5710	142	ax (SU) (40MHz)	271/286.8 (MCS11)	5.87	11.0	-5.13
	5530	106	ac (80MHz)	390/433.3 (MCS9)	-6.33	11.0	-17.33
	5610*	122	ac (80MHz)	390/433.3 (MCS9)	-1.00	11.0	-12.00
	5690	138	ac (80MHz)	390/433.3 (MCS9)	1.75	11.0	-9.25
	5530	106	ax (SU) (80MHz)	567/600.5 (MCS11)	-6.39	11.0	-17.39
	5610*	122	ax (SU) (80MHz)	567/600.5 (MCS11)	1.47	11.0	-9.53
	5690	138	ax (SU) (80MHz)	567/600.5 (MCS11)	3.92	11.0	-7.08

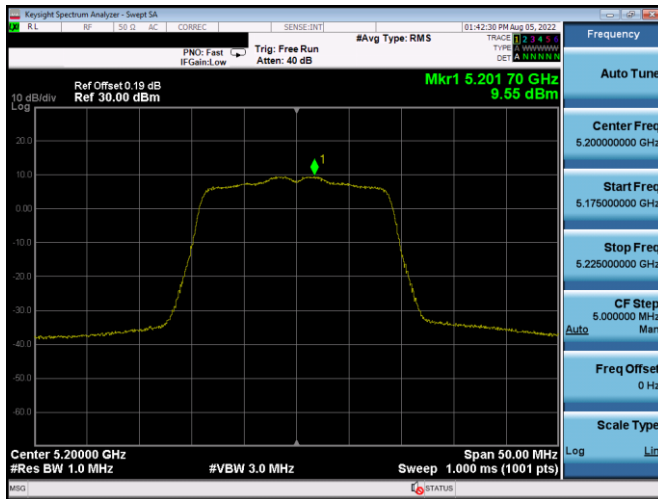
Table 7-103. Power Spectral Density Measurements Antenna WF7a (High Data Rate)

*TDWR channel is not supported for ISSED (denoted by a * next to the frequency)

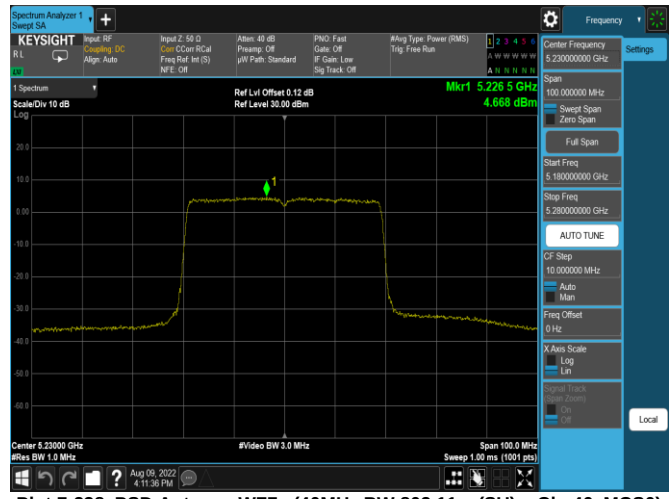
FCC ID: BCGA2696 IC: 579C-A2696	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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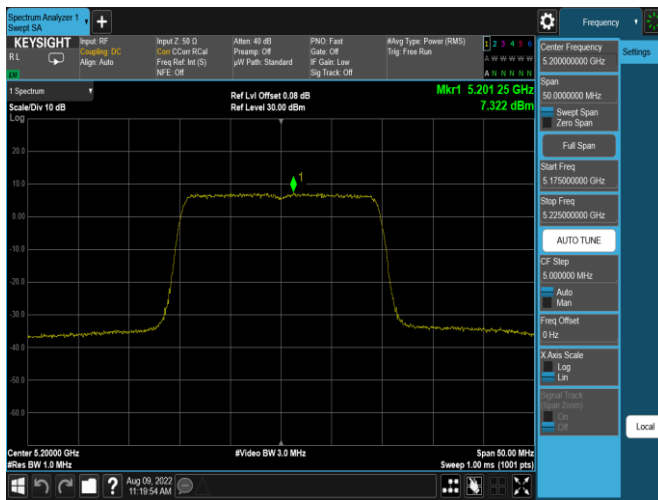
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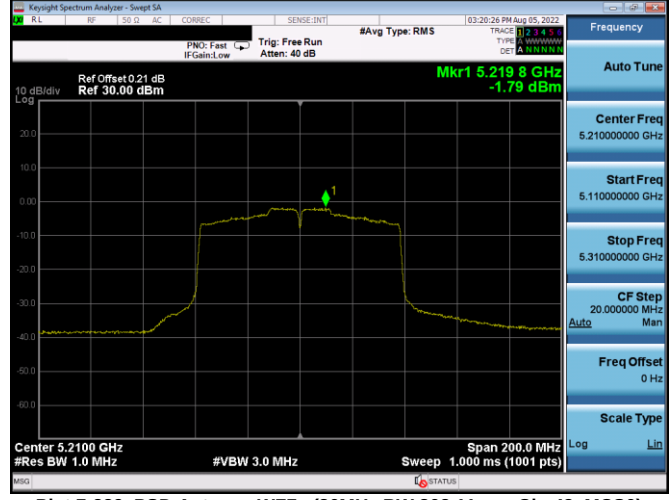
Plot 7-235. PSD Antenna WF7a (20MHz BW 802.11n – Ch. 40, MCS0)



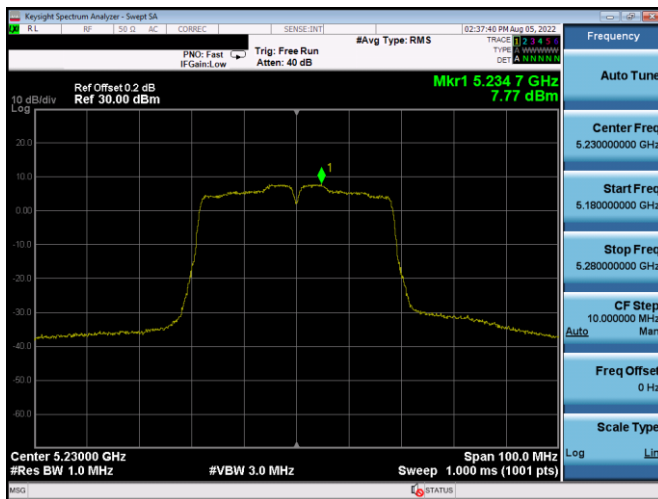
Plot 7-238. PSD Antenna WF7a (40MHz BW 802.11ax(SU) – Ch. 46, MCS0)



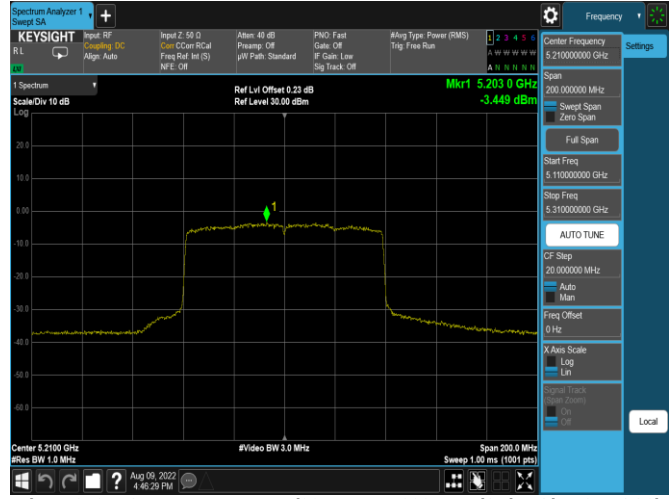
Plot 7-236. PSD Antenna WF7a (20MHz BW 802.11ax(SU) – Ch. 40, MCS0)



Plot 7-239. PSD Antenna WF7a (80MHz BW 802.11ac – Ch. 42, MCS0)

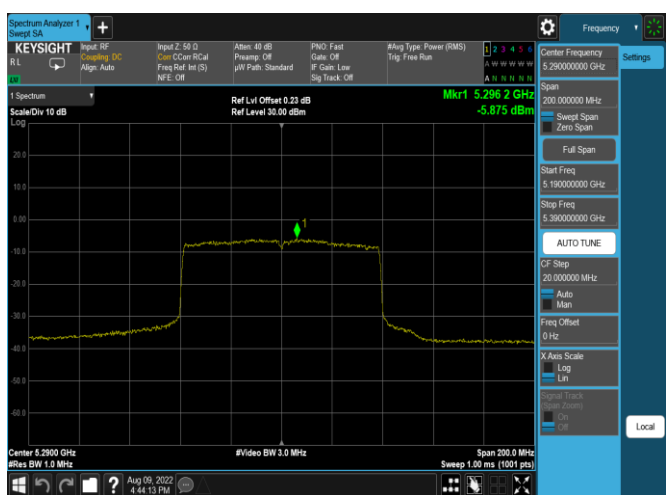
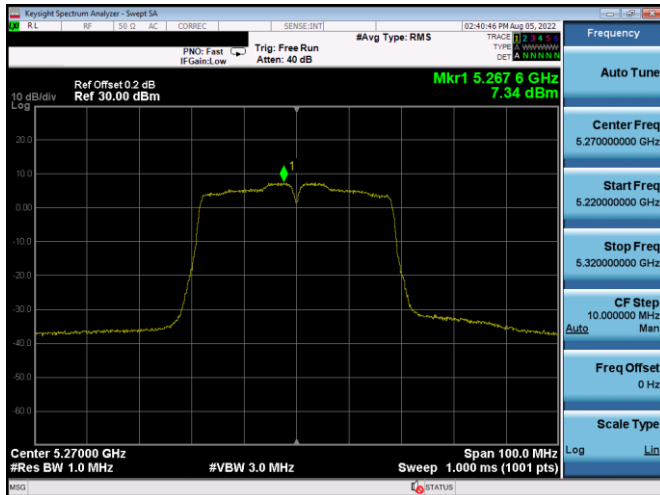
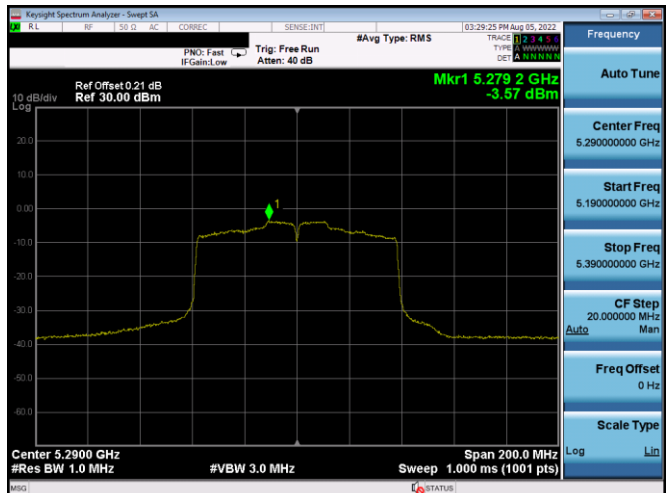
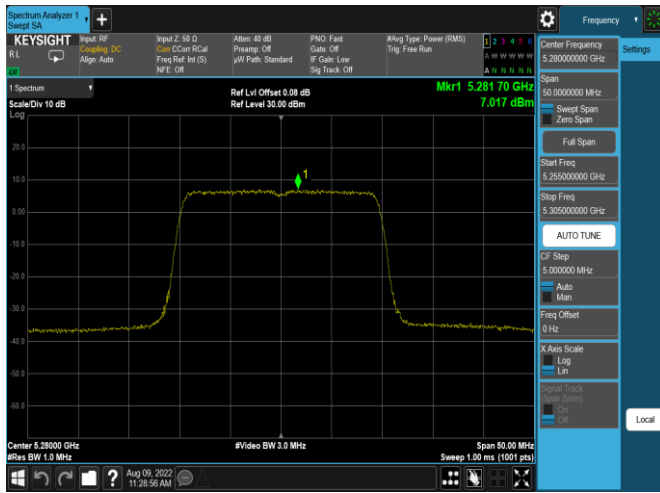
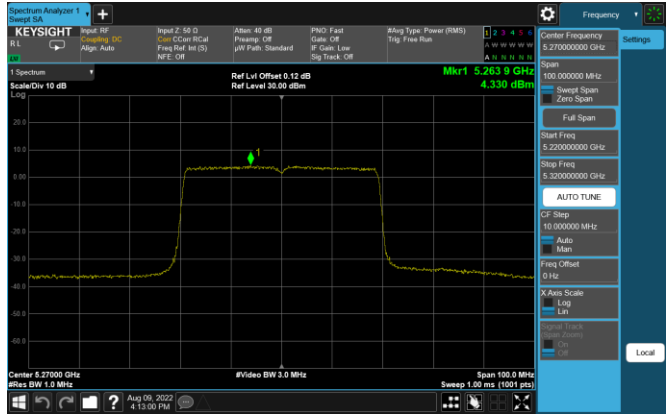
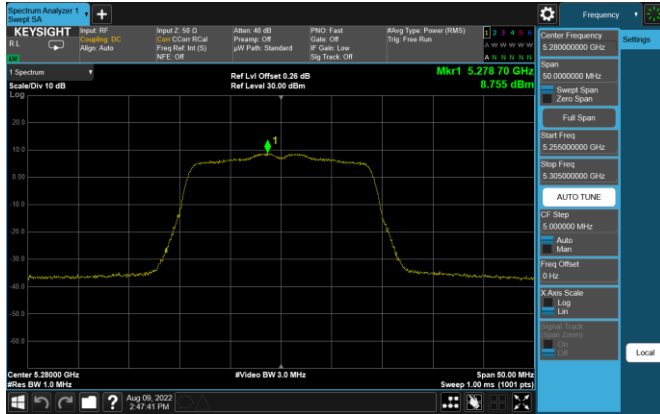


Plot 7-237. PSD Antenna WF7a (40MHz BW 802.11n – Ch. 46, MCS0)



Plot 7-240. PSD Antenna WF7a (80MHz BW 802.11ax(SU) – Ch. 42, MCS0)

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 109 of 358



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 110 of 358