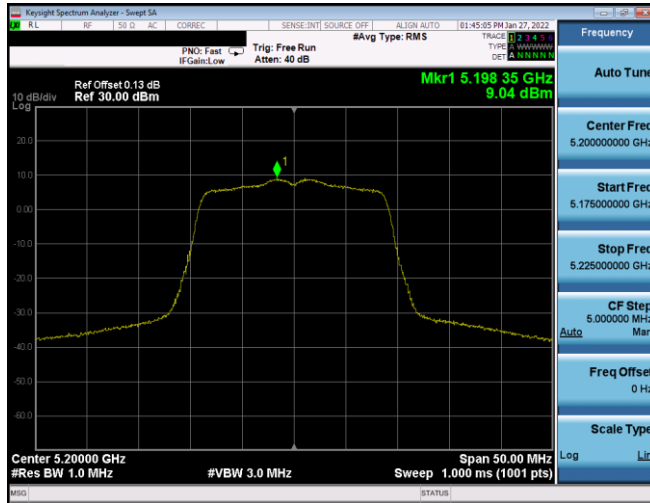
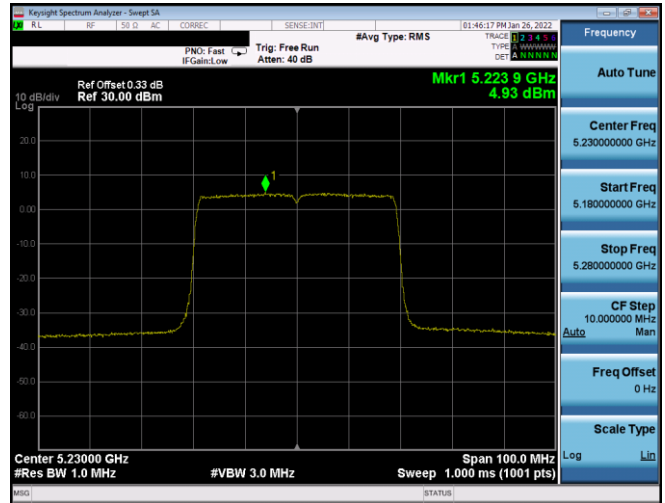


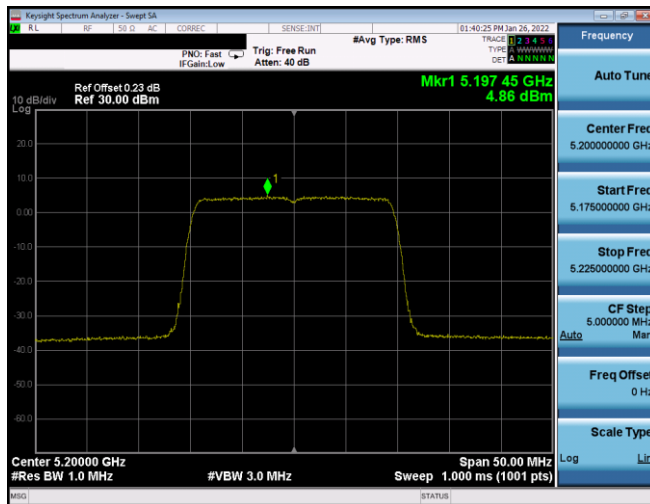
Mid Data Rate



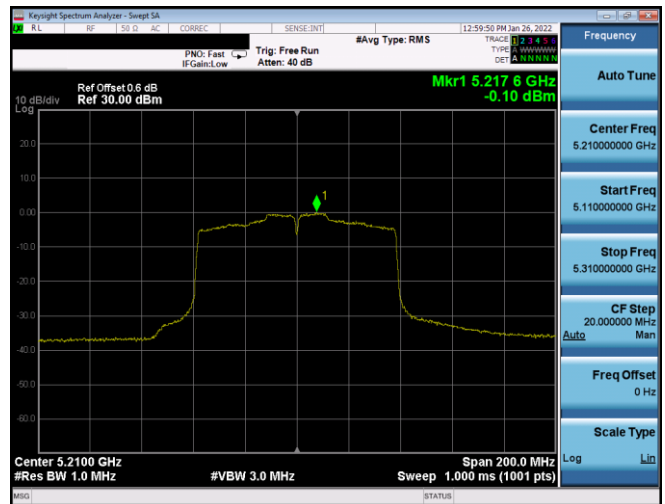
Plot 7-163. PSD Antenna WF8 (20MHz BW 802.11n – Ch. 40, MCS3)



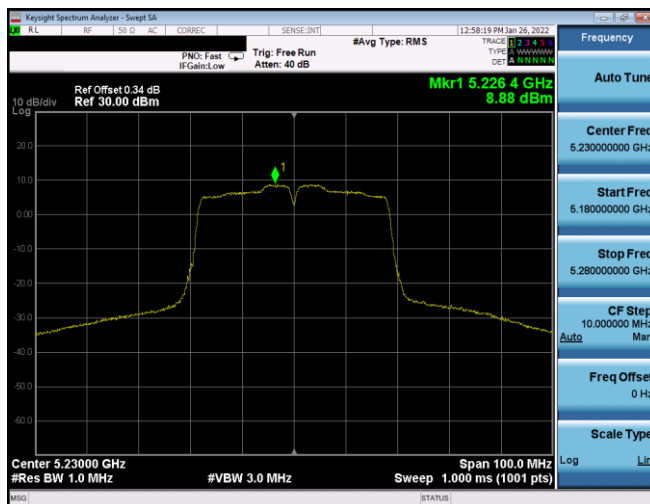
Plot 7-166. PSD Antenna WF8 (40MHz BW 802.11ax(SU) – Ch. 46, MCS3)



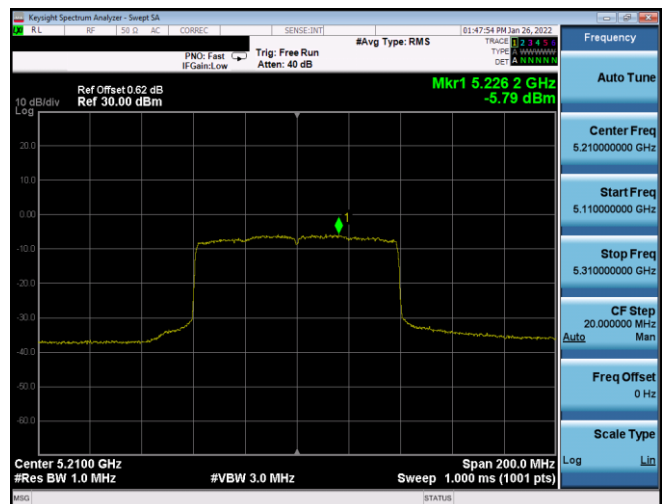
Plot 7-164. PSD Antenna WF8 (20MHz BW 802.11ax(SU) – Ch. 40, MCS3)



Plot 7-167. PSD Antenna WF8 (80MHz BW 802.11ac – Ch. 42, MCS3)

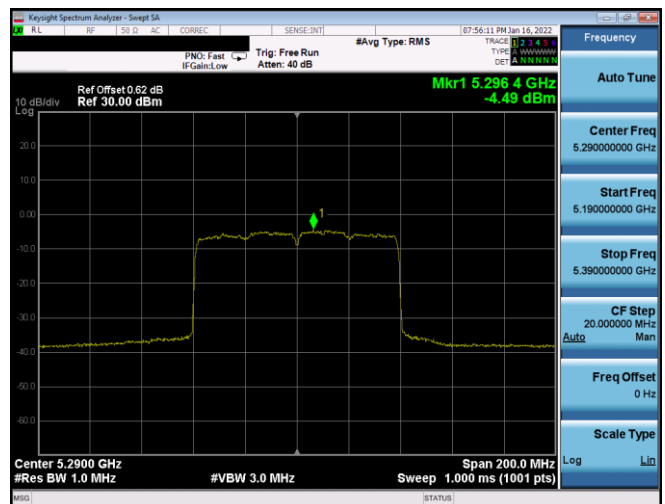
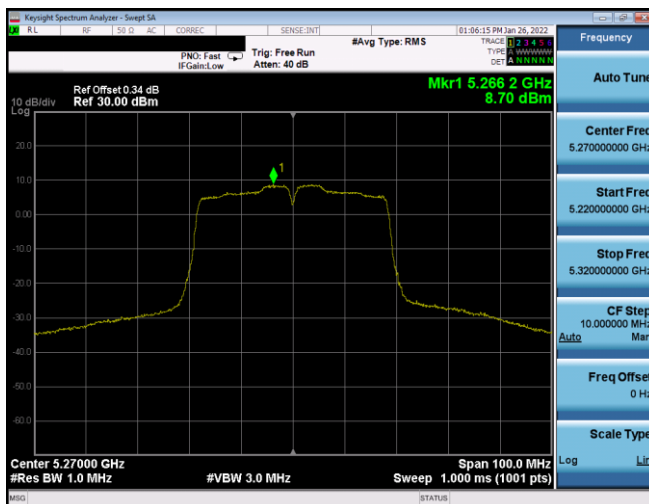
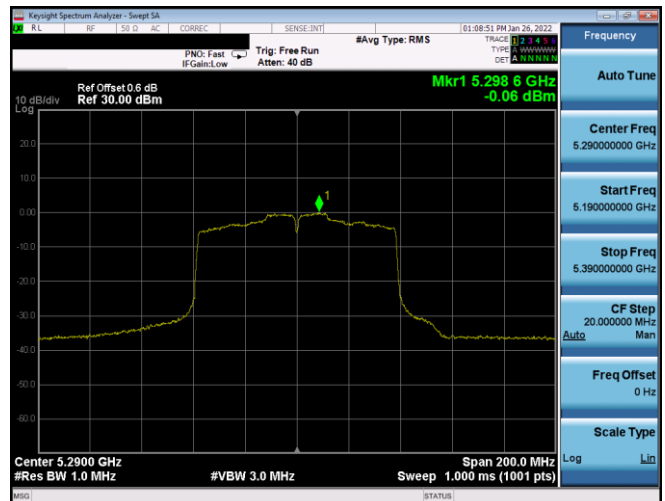
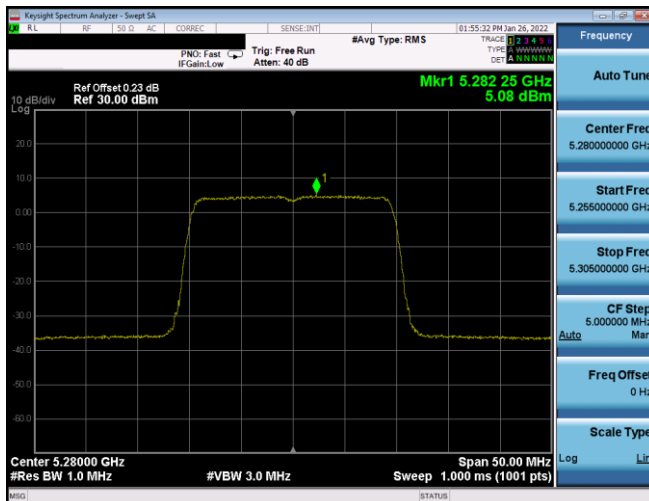
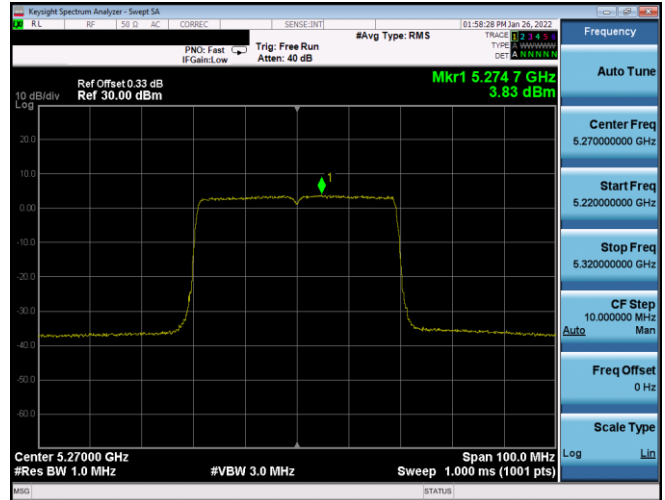
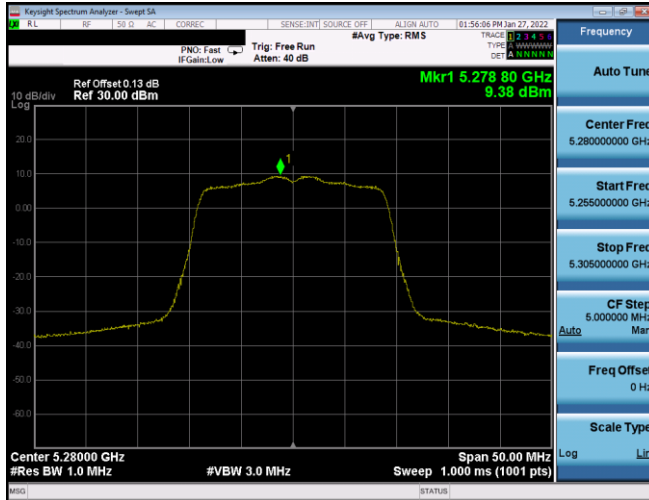


Plot 7-165. PSD Antenna WF8 (40MHz BW 802.11n – Ch. 46, MCS3)

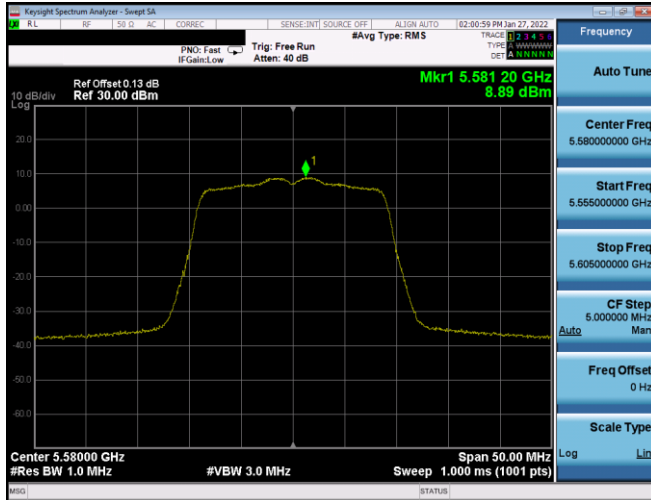


Plot 7-168. PSD Antenna WF8 (80MHz BW 802.11ax(SU) – Ch. 42, MCS3)

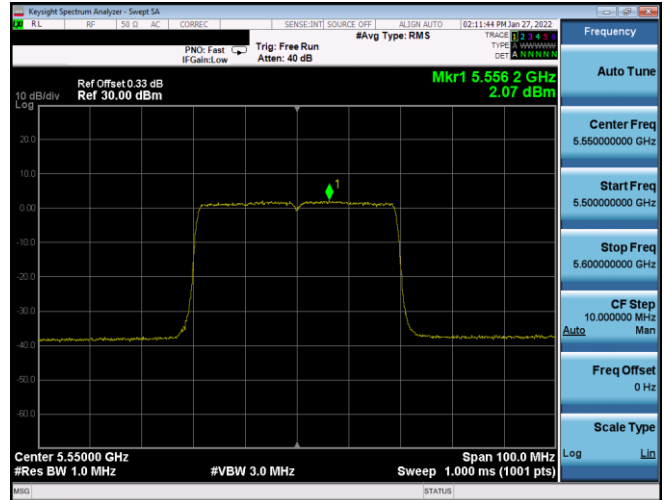
FCC ID: BCGA2588 IC: 579C-A2588	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150078-07.BCG	Test Dates: 12/02/2021- 02/06/2022	EUT Type: Tablet Device	Page 91 of 352



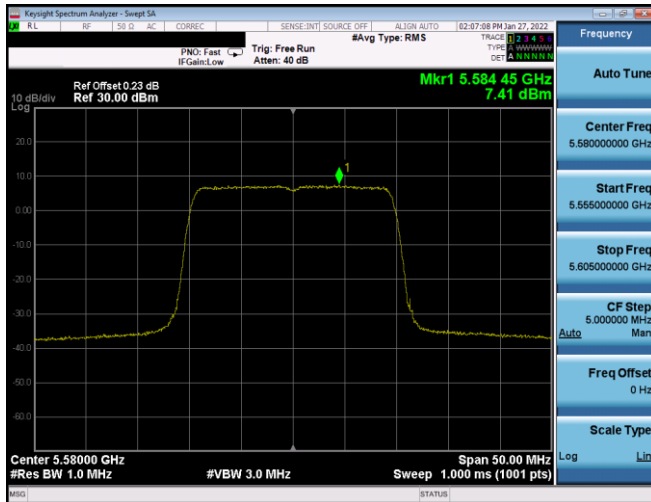
FCC ID: BCGA2588 IC: 579C-A2588		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150078-07.BCG			
© 2022 PCTEST	Test Dates: 12/02/2021- 02/06/2022	EUT Type: Tablet Device	Page 92 of 352



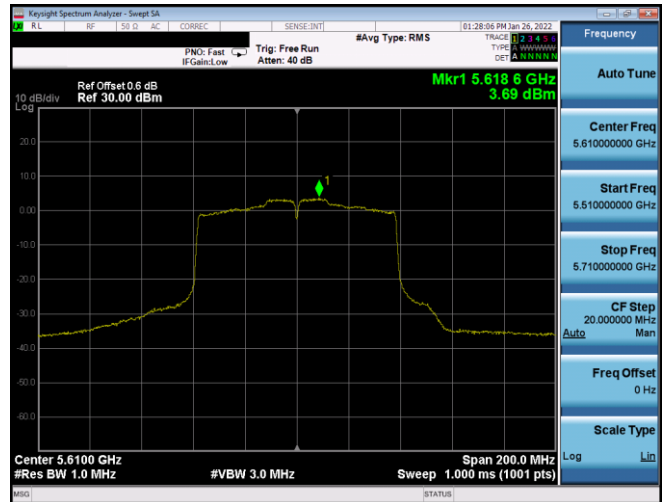
Plot 7-175. PSD Antenna WF8 (20MHz BW 802.11n – Ch. 116, MCS3)



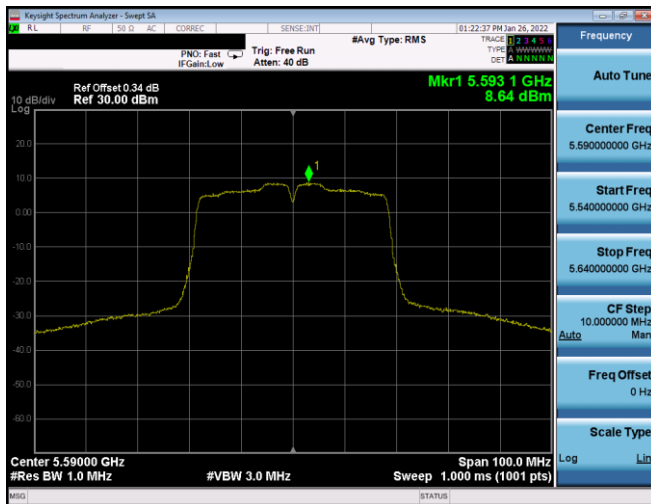
Plot 7-178. PSD Antenna WF8 (40MHz BW 802.11ax(SU) – Ch. 110, MCS3)



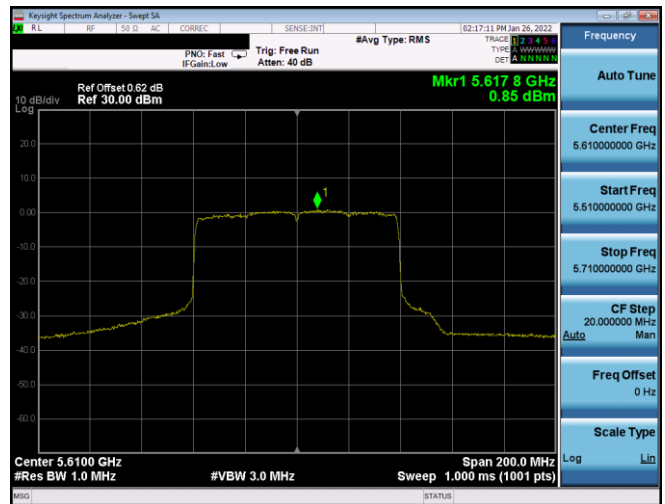
Plot 7-176. PSD Antenna WF8 (20MHz BW 802.11ax(SU) – Ch. 116, MCS3)



Plot 7-179. PSD Antenna WF8 (80MHz BW 802.11ac – Ch. 122, MCS3)



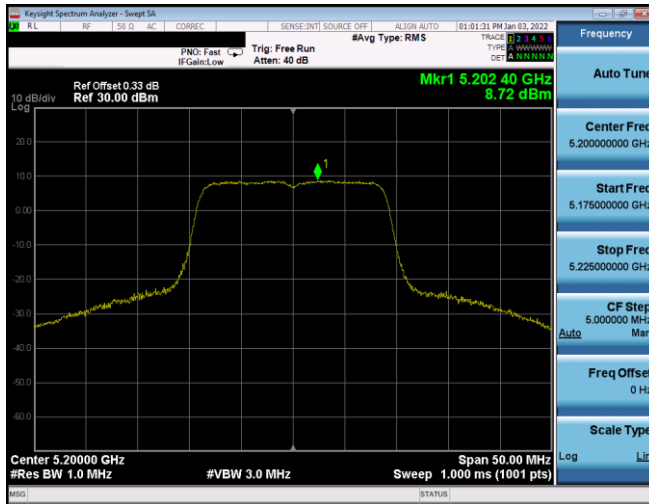
Plot 7-177. PSD Antenna WF8 (40MHz BW 802.11n – Ch. 110, MCS3)



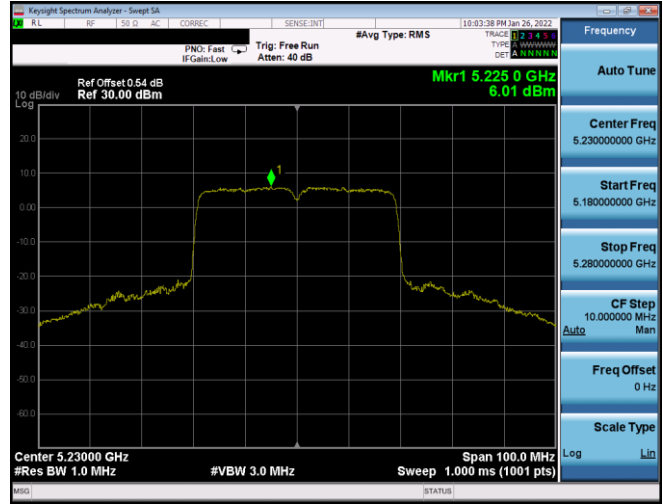
Plot 7-180. PSD Antenna WF8 (80MHz BW 802.11ax(SU) – Ch. 122, MCS3)

FCC ID: BCGA2588 IC: 579C-A2588	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150078-07.BCG			
Test Dates: 12/02/2021- 02/06/2022	EUT Type: Tablet Device		Page 93 of 352

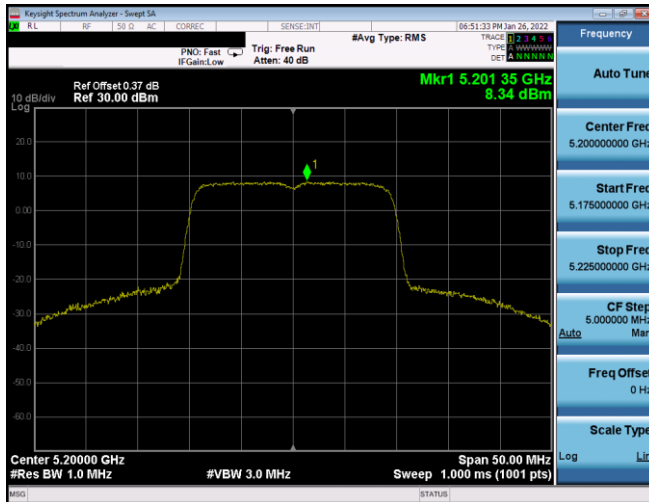
High Data Rate



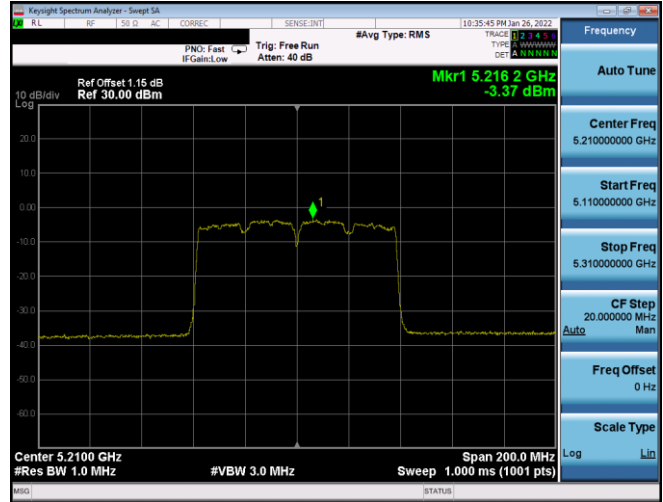
Plot 7-181. PSD Antenna WF8 (20MHz BW 802.11n - Ch. 40, MCS5)



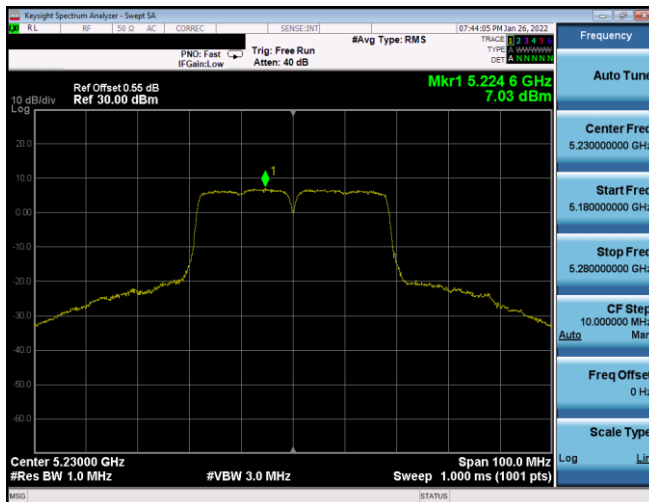
Plot 7-184. PSD Antenna WF8 (40MHz BW 802.11ax(SU) - Ch. 46, MCS5)



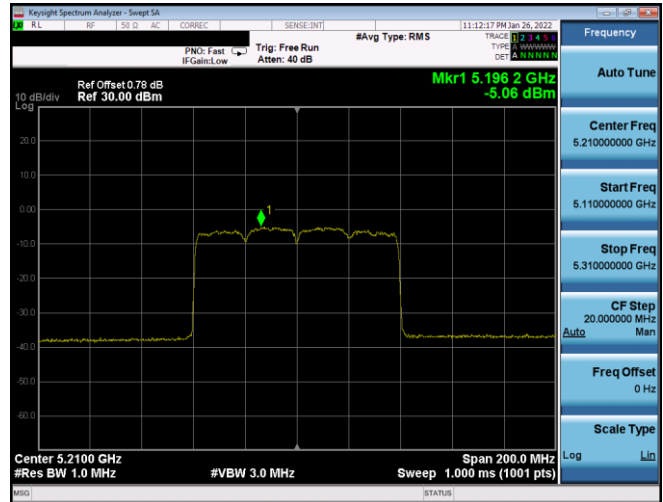
Plot 7-182. PSD Antenna WF8 (20MHz BW 802.11ax(SU) - Ch. 40, MCS5)



Plot 7-185. PSD Antenna WF8 (80MHz BW 802.11ac - Ch. 42, MCS5)

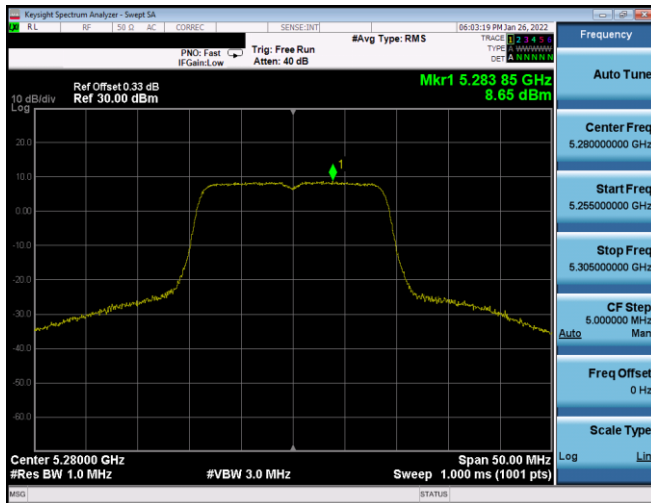


Plot 7-183. PSD Antenna WF8 (40MHz BW 802.11n - Ch. 46, MCS5)

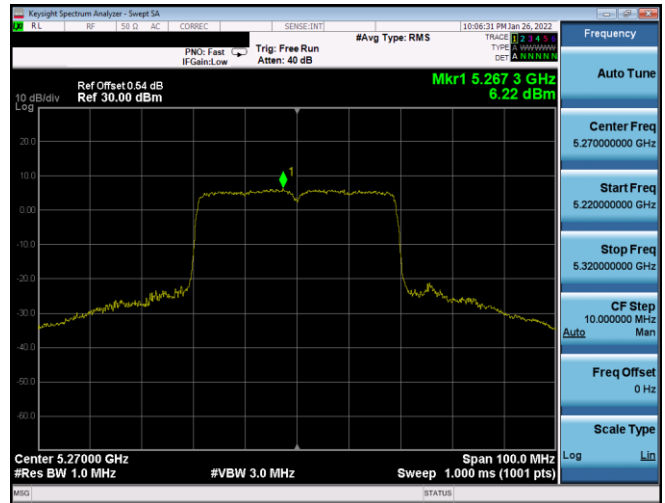


Plot 7-186. PSD Antenna WF8 (80MHz BW 802.11ax(SU) - Ch. 42, MCS5)

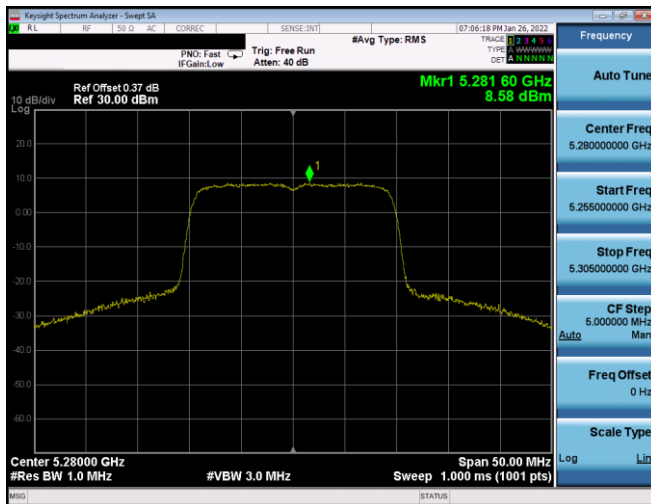
FCC ID: BCGA2588 IC: 579C-A2588	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150078-07.BCG	Test Dates: 12/02/2021- 02/06/2022	EUT Type: Tablet Device	Page 94 of 352



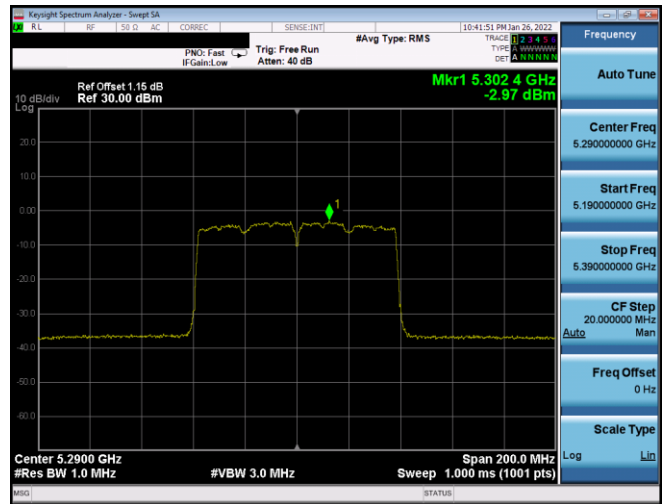
Plot 7-187. PSD Antenna WF8 (20MHz BW 802.11n - Ch. 56, MCS5)



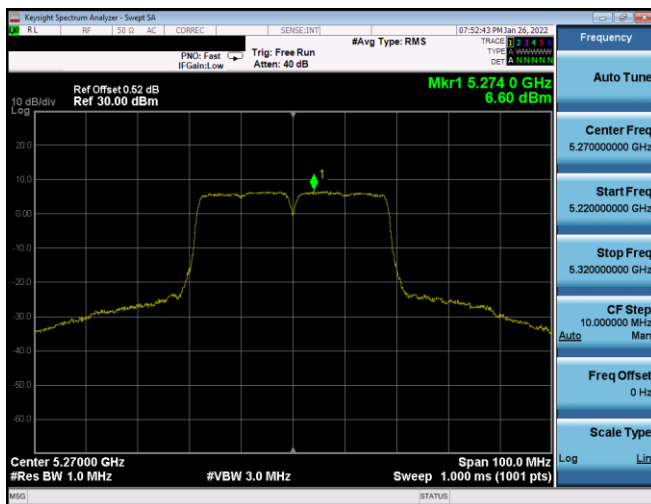
Plot 7-190. PSD Antenna WF8 (40MHz BW 802.11ax(SU) - Ch. 54, MCS5)



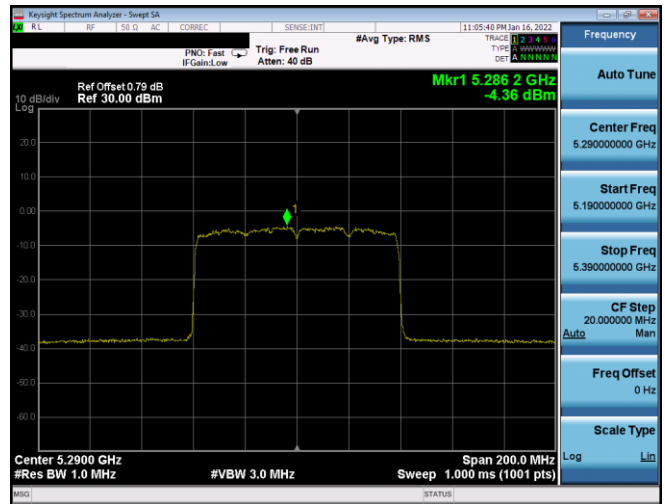
Plot 7-188. PSD Antenna WF8 (20MHz BW 802.11ax(SU) - Ch. 56, MCS5)



Plot 7-191. PSD Antenna WF8 (80MHz BW 802.11ac - Ch. 58, MCS5)

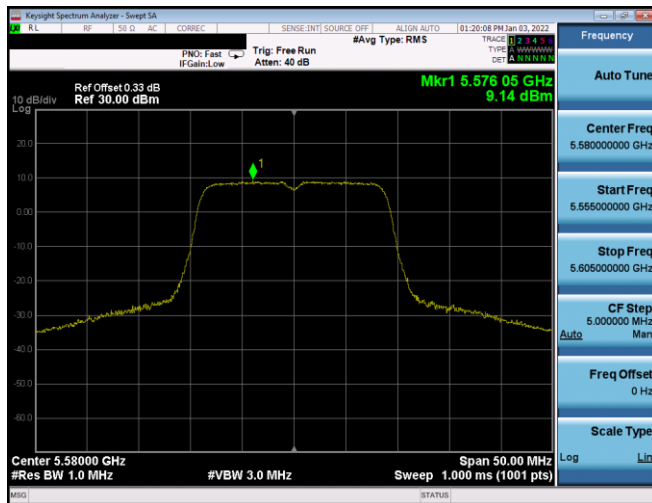


Plot 7-189. PSD Antenna WF8 (40MHz BW 802.11n - Ch. 54, MCS5)

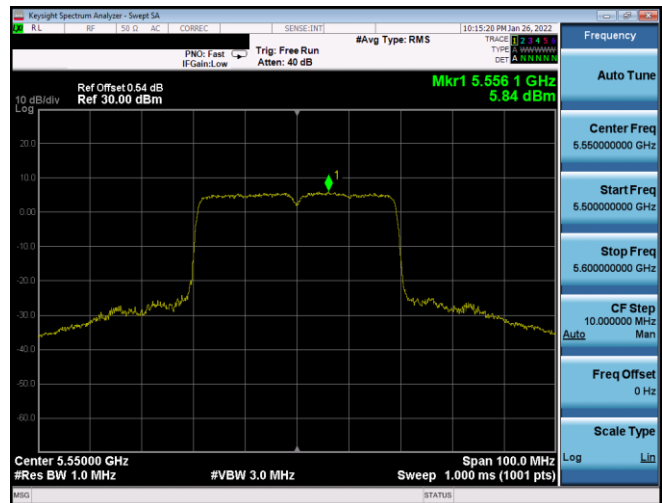


Plot 7-192. PSD Antenna WF8 (80MHz BW 802.11ax(SU) - Ch. 58, MCS5)

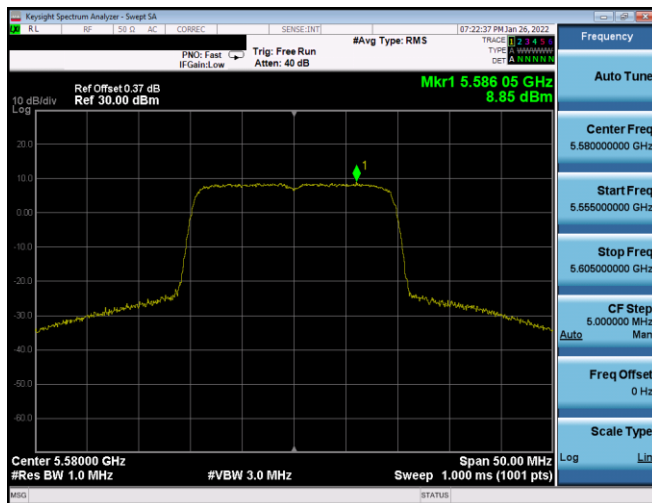
FCC ID: BCGA2588 IC: 579C-A2588		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150078-07.BCG			
Test Dates: 12/02/2021- 02/06/2022	EUT Type: Tablet Device		Page 95 of 352



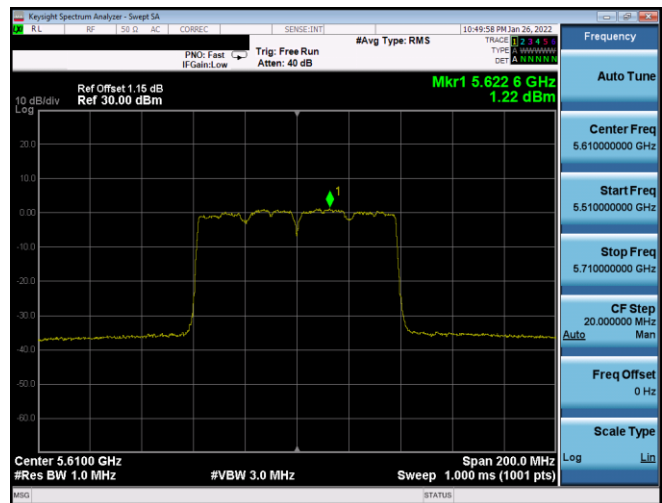
Plot 7-193. PSD Antenna WF8 (20MHz BW 802.11n – Ch. 116, MCS5)



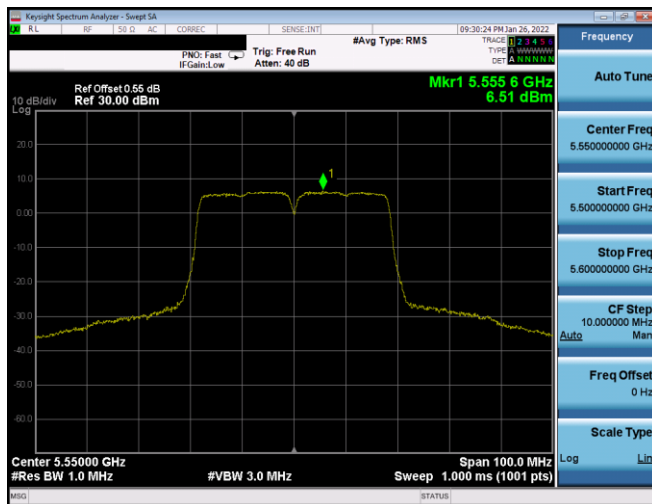
Plot 7-196. PSD Antenna WF8 (40MHz BW 802.11ax(SU) – Ch. 110, MCS5)



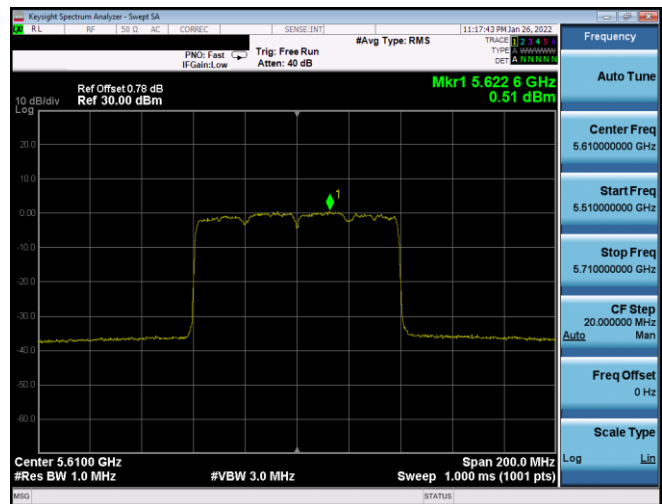
Plot 7-194. PSD Antenna WF8 (20MHz BW 802.11ax(SU) – Ch. 116, MCS5)



Plot 7-197. PSD Antenna WF8 (80MHz BW 802.11ac – Ch. 122, MCS5)



Plot 7-195. PSD Antenna WF8 (40MHz BW 802.11n – Ch. 110, MCS5)



Plot 7-198. PSD Antenna WF8 (80MHz BW 802.11ax(SU) – Ch. 122, MCS5)

FCC ID: BCGA2588 IC: 579C-A2588		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150078-07.BCG	Test Dates: 12/02/2021- 02/06/2022	EUT Type: Tablet Device	Page 96 of 352

	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)	5.94	30.0	-24.06
	5785	157	n (20MHz)	6.5/7.2 (MCS0)	5.67	30.0	-24.33
	5825	165	n (20MHz)	6.5/7.2 (MCS0)	6.09	30.0	-23.92
	5745	149	ax (SU) (20MHz)	8/8.6 (MCS0)	4.23	30.0	-25.77
	5785	157	ax (SU) (20MHz)	8/8.6 (MCS0)	4.08	30.0	-25.93
	5825	165	ax (SU) (20MHz)	8/8.6 (MCS0)	4.65	30.0	-25.35
	5755	151	n (40MHz)	13.5/15 (MCS0)	2.93	30.0	-27.07
	5795	159	n (40MHz)	13.5/15 (MCS0)	3.02	30.0	-26.98
	5755	151	ax (SU) (40MHz)	16/17.2 (MCS0)	3.55	30.0	-26.45
	5795	159	ax (SU) (40MHz)	16/17.2 (MCS0)	4.37	30.0	-25.63
	5775	155	ac (80MHz)	29.3/32.5 (MCS0)	0.62	30.0	-29.38
	5775	155	ax (SU) (80MHz)	34/36 (MCS0)	-4.06	30.0	-34.06

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)	26/28.9 (MCS3)	5.94	30.0	-24.06
	5785	157	n (20MHz)	26/28.9 (MCS3)	5.86	30.0	-24.14
	5825	165	n (20MHz)	26/28.9 (MCS3)	6.35	30.0	-23.65
	5745	149	ax (SU) (20MHz)	33/34.4 (MCS3)	4.66	30.0	-25.34
	5785	157	ax (SU) (20MHz)	33/34.4 (MCS3)	4.53	30.0	-25.47
	5825	165	ax (SU) (20MHz)	33/34.4 (MCS3)	4.86	30.0	-25.14
	5755	151	n (40MHz)	54/60 (MCS3)	3.24	30.0	-26.76
	5795	159	n (40MHz)	54/60 (MCS3)	3.22	30.0	-26.78
	5755	151	ax (SU) (40MHz)	65/68.8 (MCS3)	1.72	30.0	-28.28
	5795	159	ax (SU) (40MHz)	65/68.8 (MCS3)	2.01	30.0	-27.99
	5775	155	ac (80MHz)	117/130 (MCS3)	0.49	30.0	-29.51
	5775	155	ax (SU) (80MHz)	136/144.1 (MCS3)	-4.16	30.0	-34.16

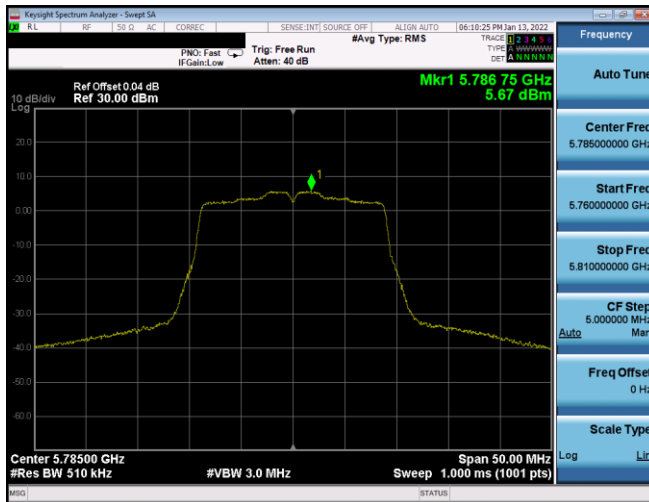
Table 7-96. Band 3 Power Spectral Density Measurements Antenna WF8 (Mid Data Rate)

	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)	52/57.8 (MCS5)	7.94	30.0	-22.06
	5785	157	n (20MHz)	52/57.8 (MCS5)	7.90	30.0	-22.10
	5825	165	n (20MHz)	52/57.8 (MCS5)	6.68	30.0	-23.32
	5745	149	ax (SU) (20MHz)	65/68.8 (MCS5)	7.38	30.0	-22.62
	5785	157	ax (SU) (20MHz)	65/68.8 (MCS5)	7.46	30.0	-22.54
	5825	165	ax (SU) (20MHz)	65/68.8 (MCS5)	7.49	30.0	-22.51
	5755	151	n (40MHz)	108/120 (MCS5)	4.88	30.0	-25.12
	5795	159	n (40MHz)	108/120 (MCS5)	4.74	30.0	-25.26
	5755	151	ax (SU) (40MHz)	130/137.6 (MCS5)	3.63	30.0	-26.37
	5795	159	ax (SU) (40MHz)	130/137.6 (MCS5)	4.69	30.0	-25.31
	5775	155	ac (80MHz)	234/260 (MCS5)	-1.42	30.0	-31.42
	5775	155	ax (SU) (80MHz)	272/288.2 (MCS5)	-2.08	30.0	-32.08

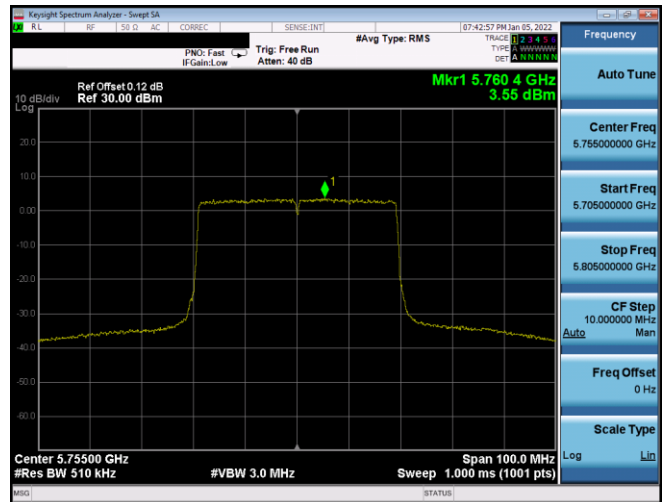
Table 7-97. Band 3 Power Spectral Density Measurements Antenna WF8 (High Data Rate)

FCC ID: BCGA2588 IC: 579C-A2588	 PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150078-07.BCG	Test Dates: 12/02/2021- 02/06/2022	EUT Type: Tablet Device	Page 97 of 352

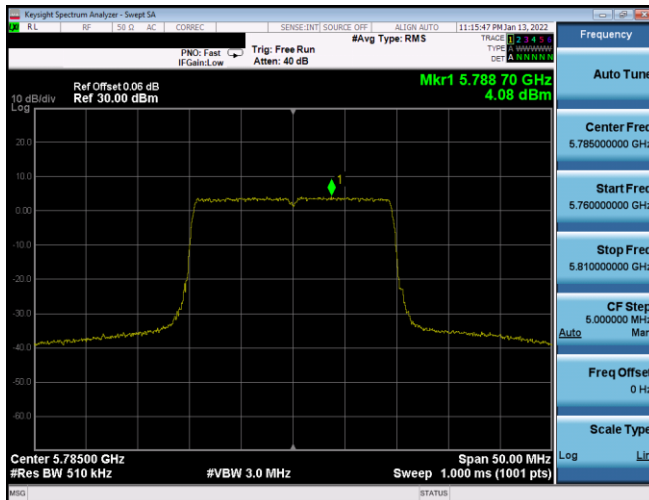
Low Data Rate



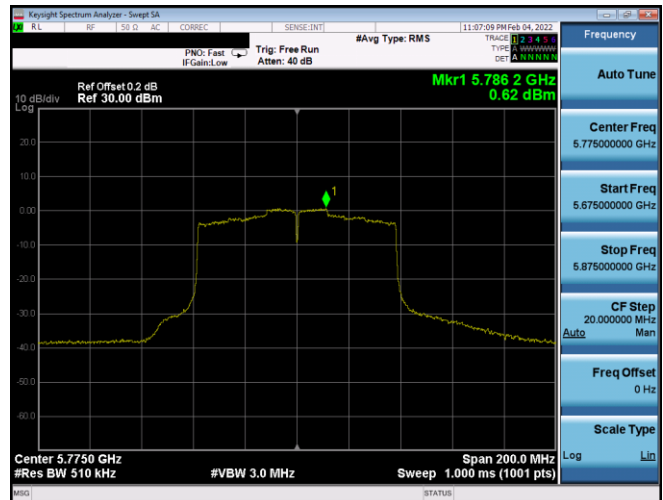
Plot 7-199. PSD Antenna WF8 (20MHz BW 802.11n - Ch. 157, MCS0)



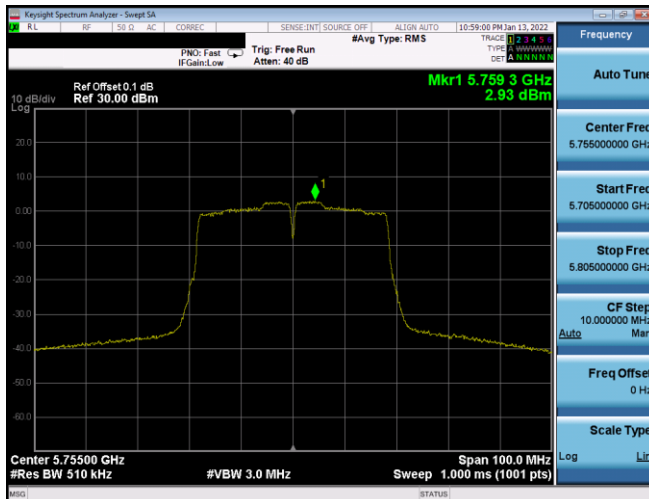
Plot 7-202. PSD Antenna WF8 (40MHz BW 802.11ax(SU) - Ch. 151, MCS0)



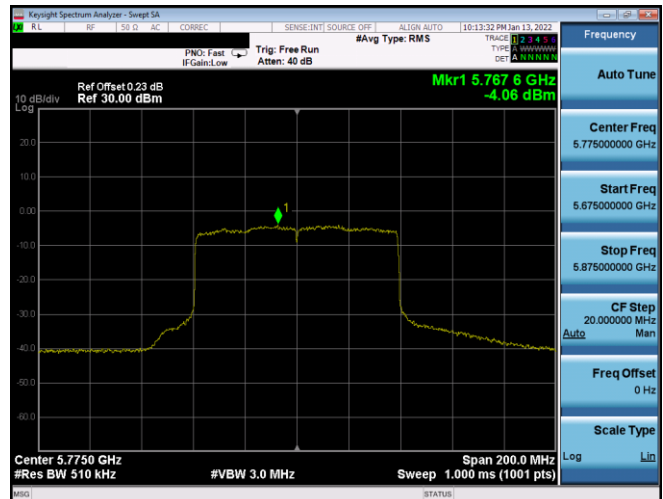
Plot 7-200. PSD Antenna WF8 (20MHz BW 802.11ax(SU) - Ch. 157, MCS0)



Plot 7-203. PSD Antenna WF8 (80MHz BW 802.11ac - Ch. 155, MCS0)



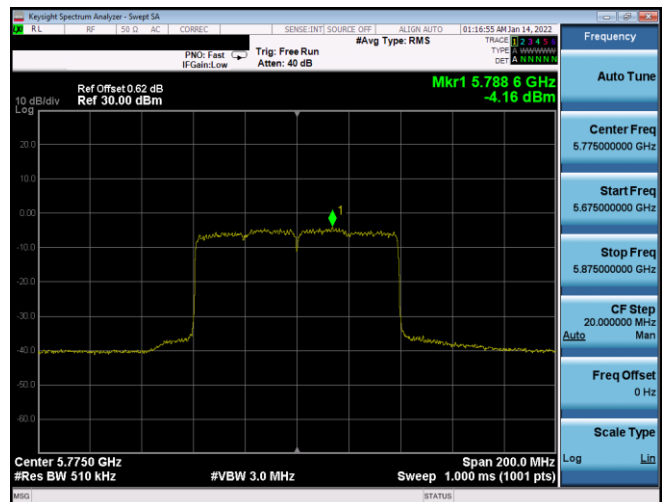
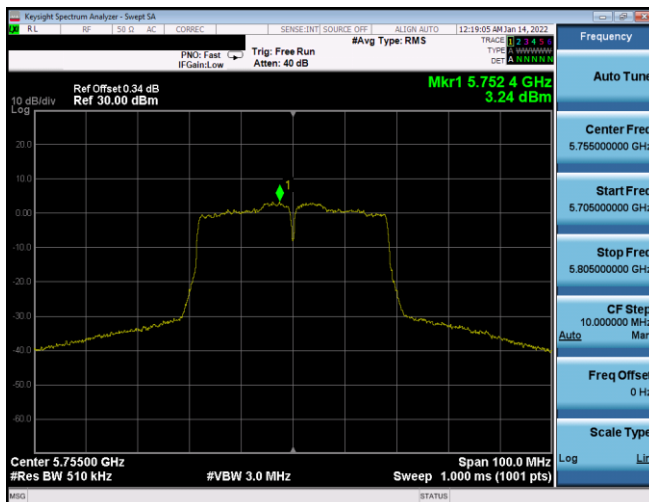
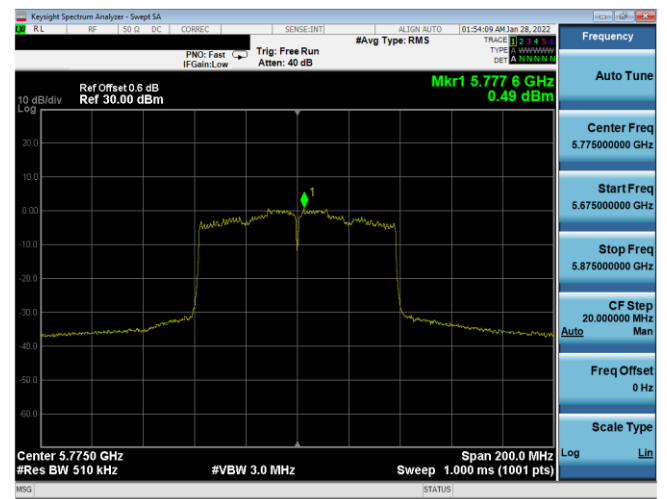
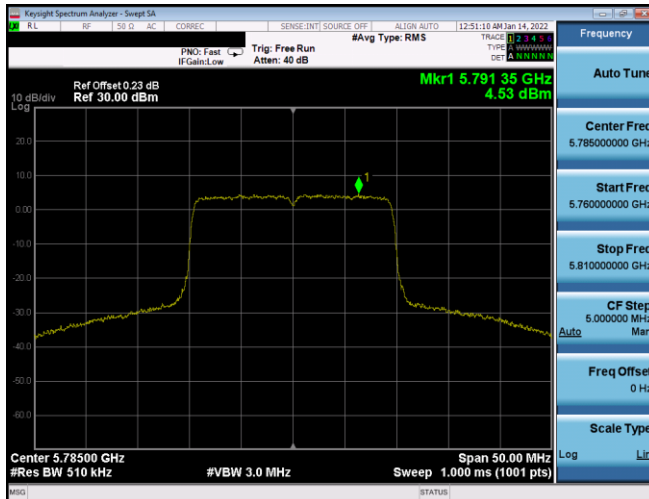
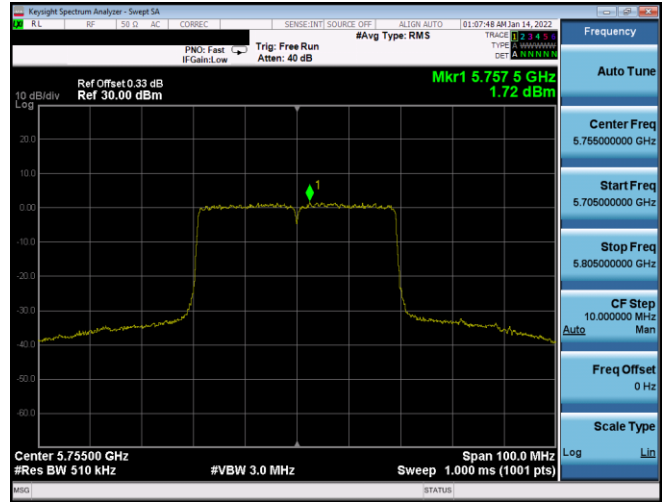
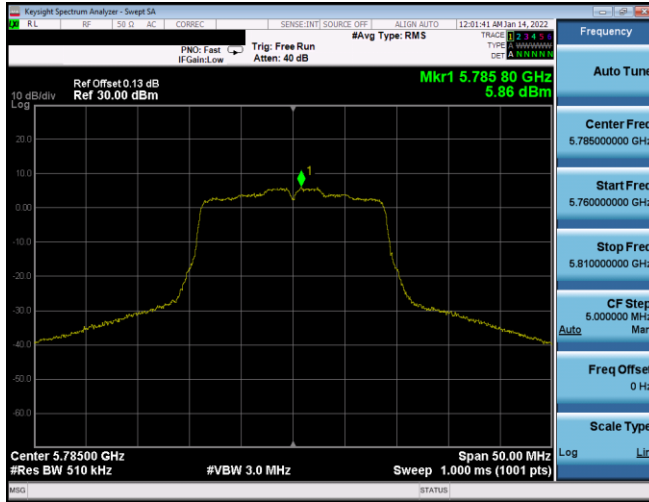
Plot 7-201. PSD Antenna WF8 (40MHz BW 802.11n - Ch. 151, MCS0)



Plot 7-204. PSD Antenna WF8 (80MHz BW 802.11ax(SU) - Ch. 155, MCS0)

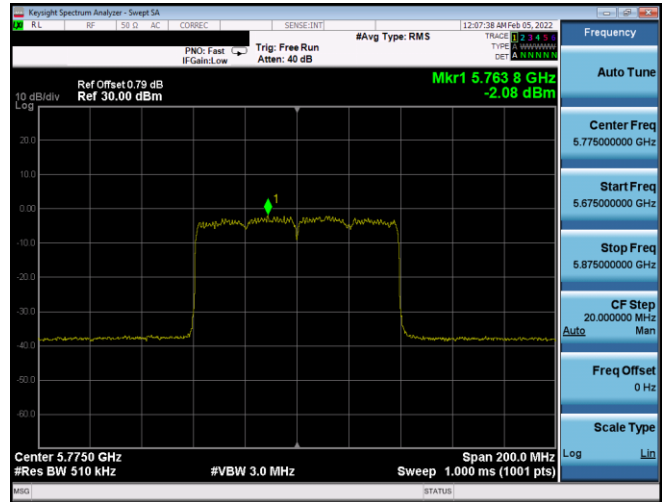
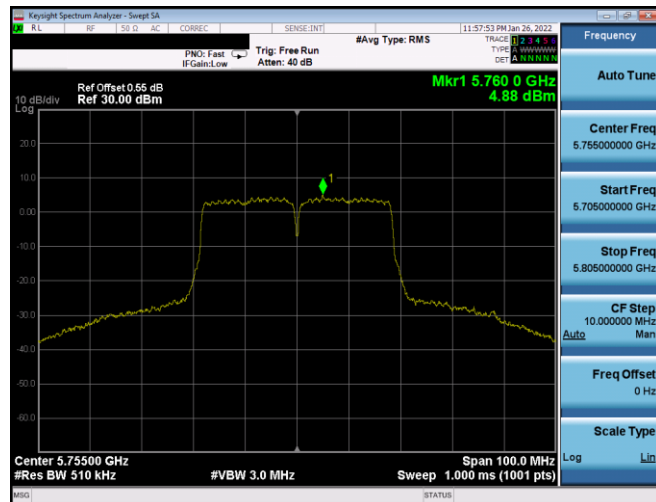
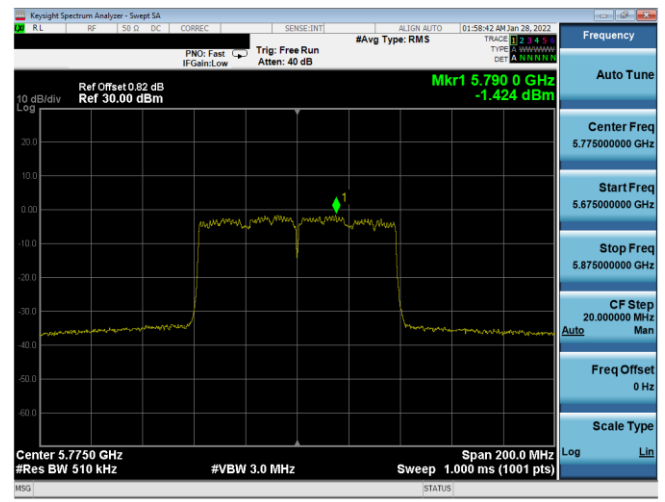
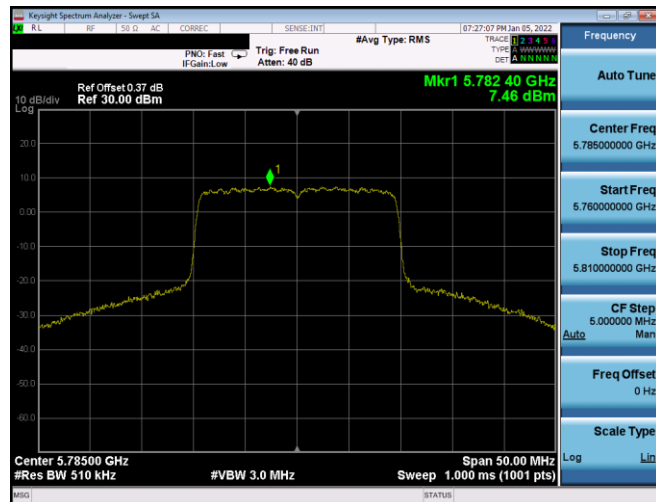
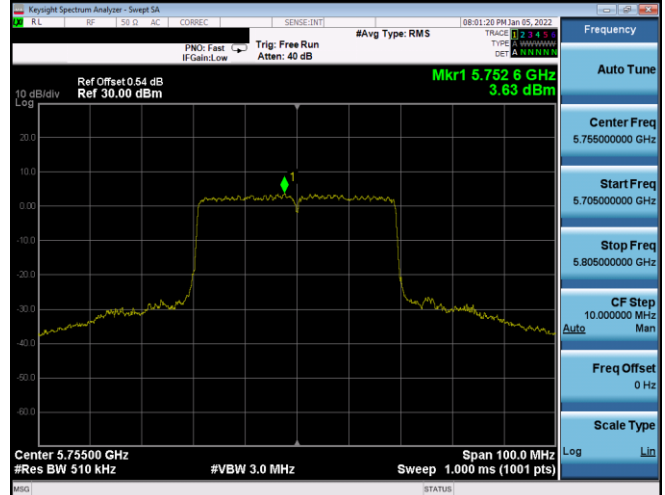
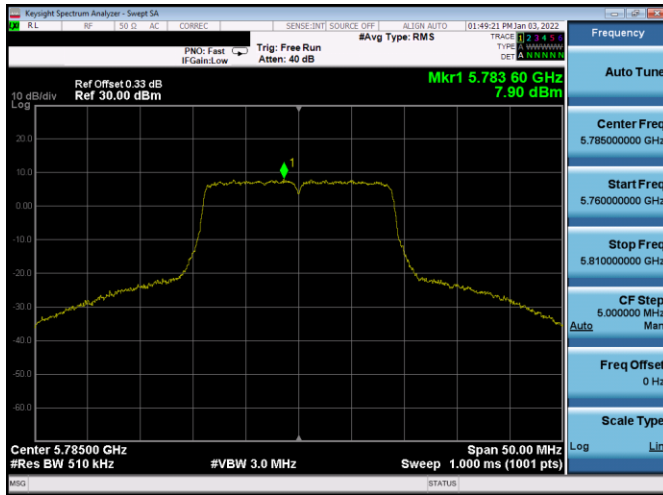
FCC ID: BCGA2588 IC: 579C-A2588	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150078-07.BCG	Test Dates: 12/02/2021- 02/06/2022	EUT Type: Tablet Device	Page 98 of 352

Mid Data Rate



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High Data Rate



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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)	2.41	3.40	5.81	10.0	-4.19
	5200	40	n (20MHz)	6.5/7.2 (MCS0)	2.29	3.40	5.69	10.0	-4.31
	5240	48	n (20MHz)	6.5/7.2 (MCS0)	3.02	3.40	6.42	10.0	-3.58
	5180	36	ax (SU) (20MHz)	8/8.6 (MCS0)	0.92	3.40	4.32	10.0	-5.68
	5200	40	ax (SU) (20MHz)	8/8.6 (MCS0)	0.96	3.40	4.36	10.0	-5.64
	5240	48	ax (SU) (20MHz)	8/8.6 (MCS0)	1.57	3.40	4.97	10.0	-5.03
	5190	38	n (40MHz)	13.5/15 (MCS0)	1.31	3.40	4.71	10.0	-5.29
	5230	46	n (40MHz)	13.5/15 (MCS0)	2.78	3.40	6.18	10.0	-3.82
	5190	38	ax (SU) (40MHz)	16/17.2 (MCS0)	-2.45	3.40	0.95	10.0	-9.05
	5230	46	ax (SU) (40MHz)	16/17.2 (MCS0)	0.97	3.40	4.37	10.0	-5.63
	5210	42	ac (80MHz)	29.3/32.5 (MCS0)	-2.84	3.40	0.56	10.0	-9.44
	5210	42	ax (SU) (80MHz)	34/36 (MCS0)	-5.75	3.40	-2.35	10.0	-12.35

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)	26/28.9 (MCS3)	2.63	3.40	6.03	10.0	-3.97
	5200	40	n (20MHz)	26/28.9 (MCS3)	3.17	3.40	6.57	10.0	-3.43
	5240	48	n (20MHz)	26/28.9 (MCS3)	3.79	3.40	7.19	10.0	-2.81
	5180	36	ax (SU) (20MHz)	33/34.4 (MCS3)	1.60	3.40	5.00	10.0	-5.00
	5200	40	ax (SU) (20MHz)	33/34.4 (MCS3)	2.40	3.40	5.80	10.0	-4.20
	5240	48	ax (SU) (20MHz)	33/34.4 (MCS3)	2.48	3.40	5.88	10.0	-4.12
	5190	38	n (40MHz)	54/60 (MCS3)	0.65	3.40	4.05	10.0	-5.95
	5230	46	n (40MHz)	54/60 (MCS3)	3.45	3.40	6.85	10.0	-3.15
	5190	38	ax (SU) (40MHz)	65/68.8 (MCS3)	-2.28	3.40	1.12	10.0	-8.88
	5230	46	ax (SU) (40MHz)	65/68.8 (MCS3)	1.80	3.40	5.20	10.0	-4.80
	5210	42	ac (80MHz)	117/130 (MCS3)	-4.30	3.40	-0.90	10.0	-10.90
	5210	42	ax (SU) (80MHz)	136/144.1 (MCS3)	-5.31	3.40	-1.91	10.0	-11.91

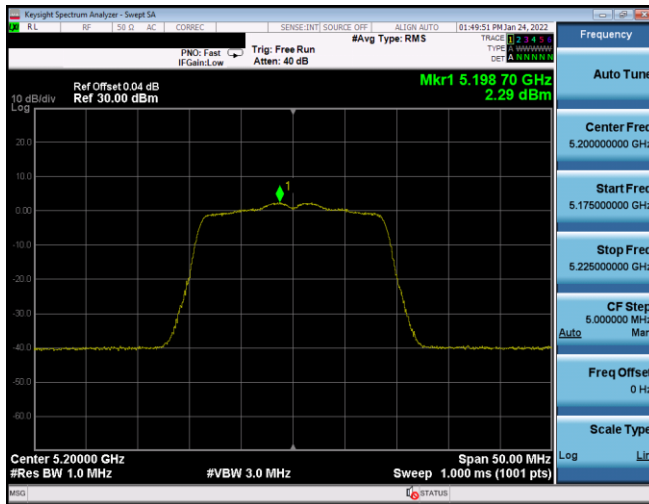
Table 7-99. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna WF8 (Mid Data Rate)

	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)	52/57.8 (MCS5)	2.30	3.40	5.70	10.0	-4.30
	5200	40	n (20MHz)	52/57.8 (MCS5)	2.18	3.40	5.58	10.0	-4.42
	5240	48	n (20MHz)	52/57.8 (MCS5)	2.75	3.40	6.15	10.0	-3.85
	5180	36	ax (SU) (20MHz)	65/68.8 (MCS5)	0.73	3.40	4.13	10.0	-5.87
	5200	40	ax (SU) (20MHz)	65/68.8 (MCS5)	0.98	3.40	4.38	10.0	-5.62
	5240	48	ax (SU) (20MHz)	65/68.8 (MCS5)	1.29	3.40	4.69	10.0	-5.31
	5190	38	n (40MHz)	108/120 (MCS5)	-0.70	3.40	2.70	10.0	-7.30
	5230	46	n (40MHz)	108/120 (MCS5)	2.69	3.40	6.09	10.0	-3.91
	5190	38	ax (SU) (40MHz)	130/137.6 (MCS5)	-3.95	3.40	-0.55	10.0	-10.55
	5230	46	ax (SU) (40MHz)	130/137.6 (MCS5)	1.13	3.40	4.53	10.0	-5.47
	5210	42	ac (80MHz)	234/260 (MCS5)	-5.06	3.40	-1.66	10.0	-11.66
	5210	42	ax (SU) (80MHz)	272/288.2 (MCS5)	-7.51	3.40	-4.11	10.0	-14.11

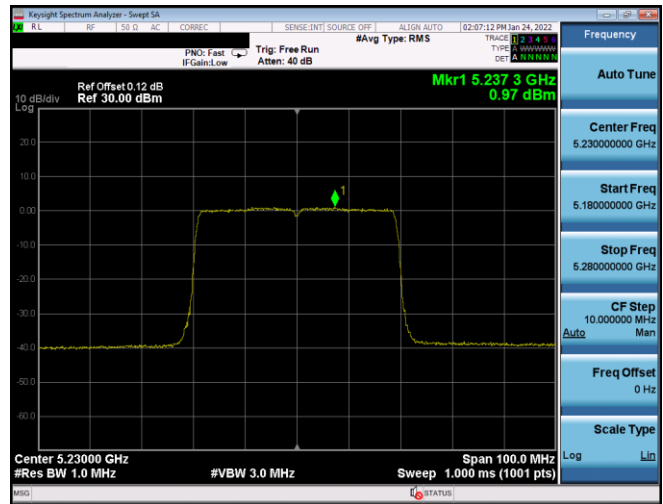
Table 7-100. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna WF8 (High Data Rate)

FCC ID: BCGA2588 IC: 579C-A2588	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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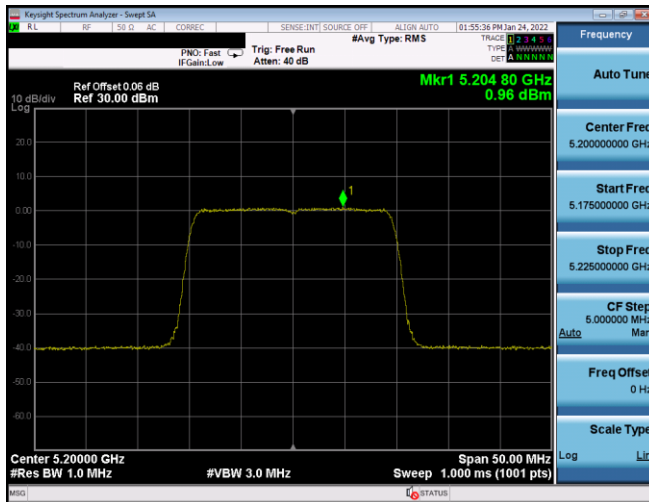
Low Data Rate



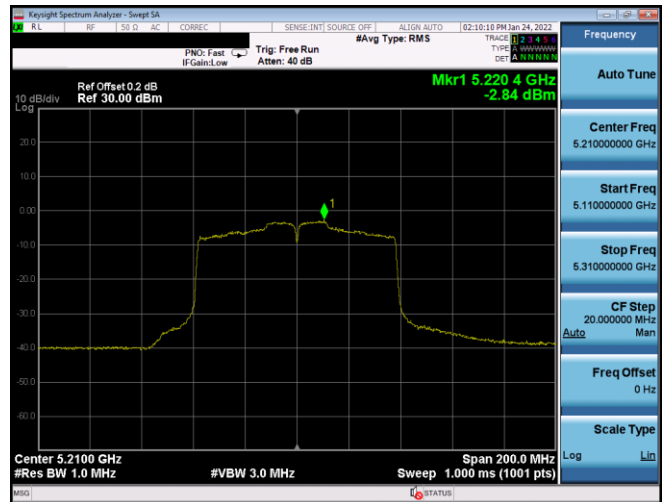
Plot 7-217. ISSED PSD Antenna WF8 (20MHz BW 11n - Ch.40, MCS0)



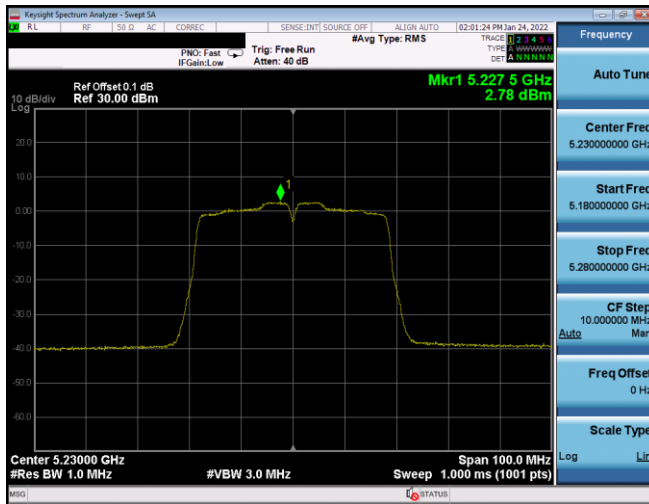
Plot 7-220. ISSED PSD Antenna WF8 (40MHz BW 11ax(SU) - Ch.46, MCS0)



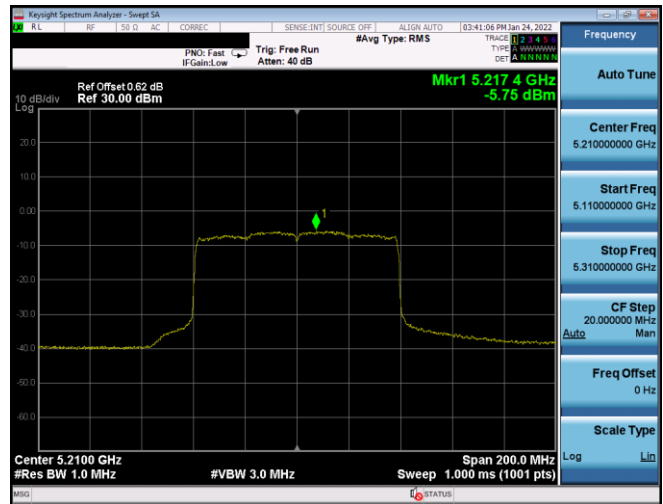
Plot 7-218. ISSED PSD Antenna WF8 (20MHz BW 11ax(SU) - Ch.40, MCS0)



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



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



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

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