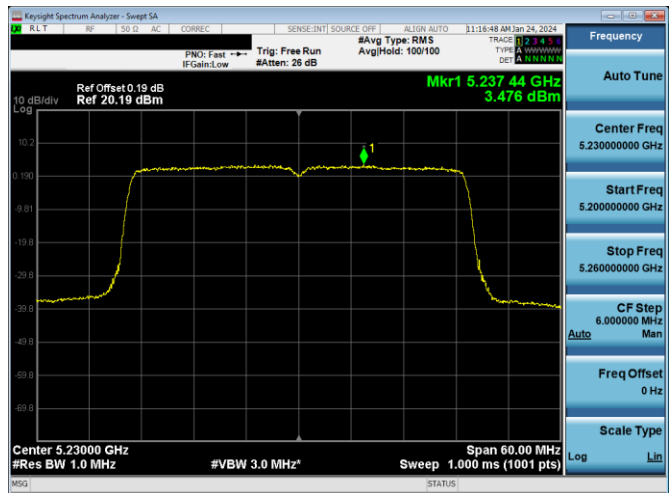
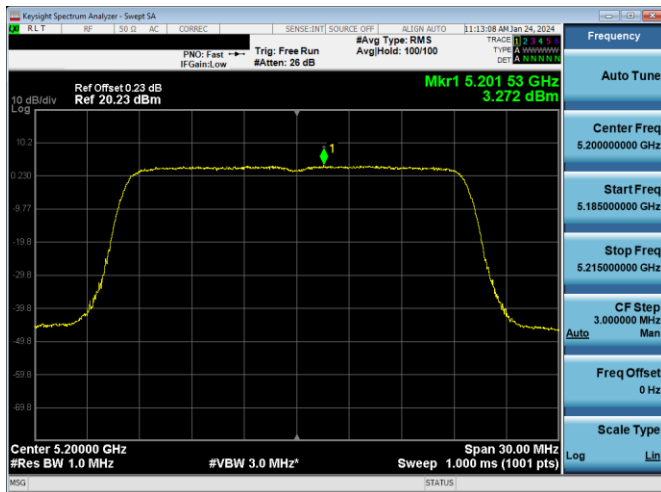


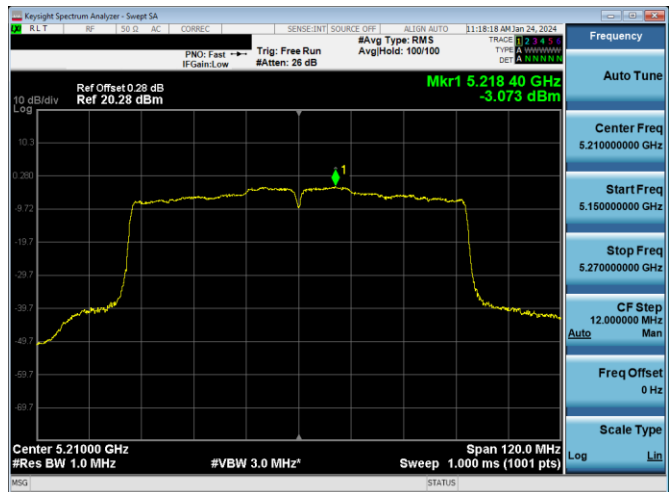
Plot 7-254. ISED PSD Antenna WF8 (20MHz BW 11n – Ch.40, MCS4)



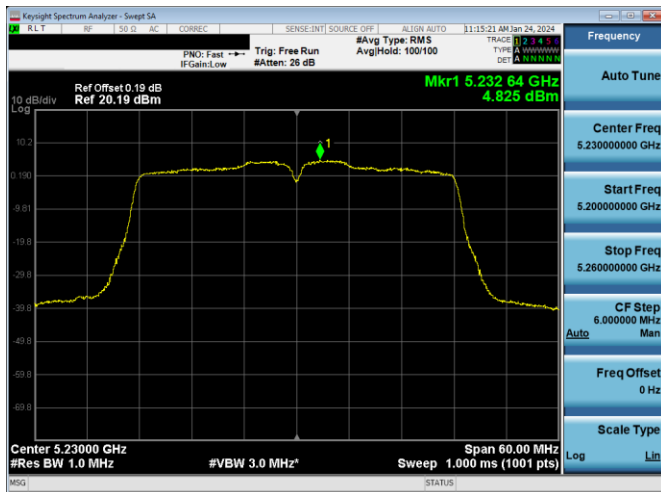
Plot 7-257. ISED PSD Antenna WF8 (40MHz BW 11ax(SU) – Ch.46, MCS4)



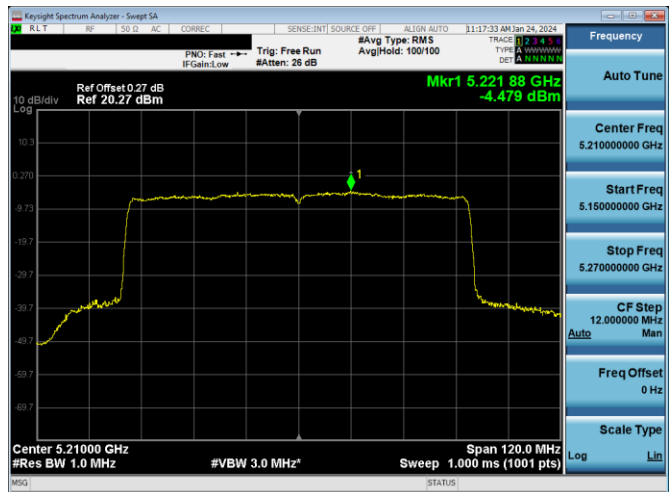
Plot 7-255. ISED PSD Antenna WF8 (20MHz BW 11ax(SU) – Ch.40, MCS4)



Plot 7-258. ISED PSD Antenna WF8 (80MHz BW 11ac – Ch.42, MCS4)

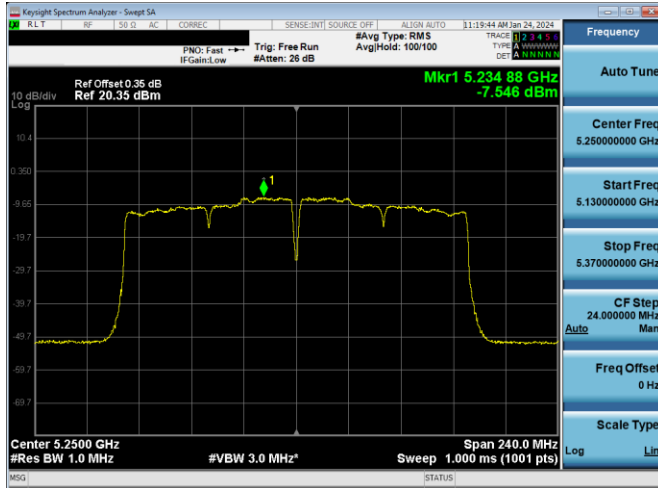


Plot 7-256. ISED PSD Antenna WF8 (40MHz BW 11n – Ch.46, MCS4)

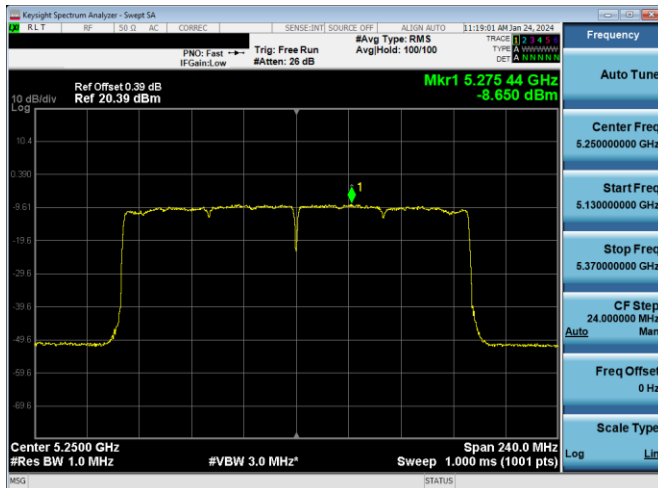


Plot 7-259. ISED PSD Antenna WF8 (80MHz BW 11ax(SU) – Ch.42, MCS4)

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-11.BCG	Test Dates: 11/29/2023 - 1/15/2024	EUT Type: Tablet Device	Page 118 of 387

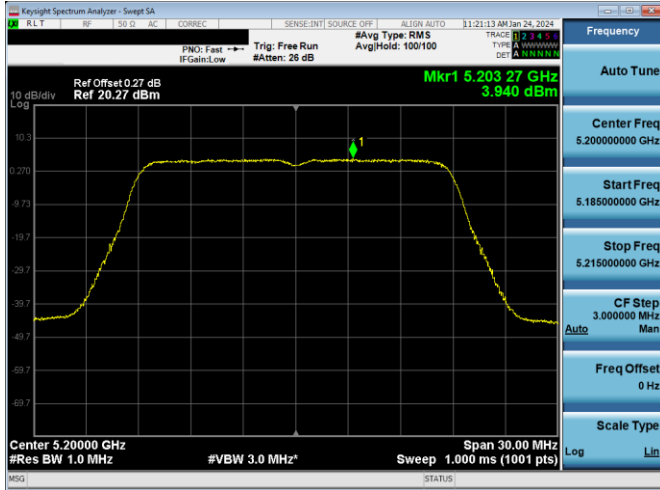


Plot 7-260. ISED PSD Antenna WF8 (160MHz BW 11ac – Ch.50, MCS4)

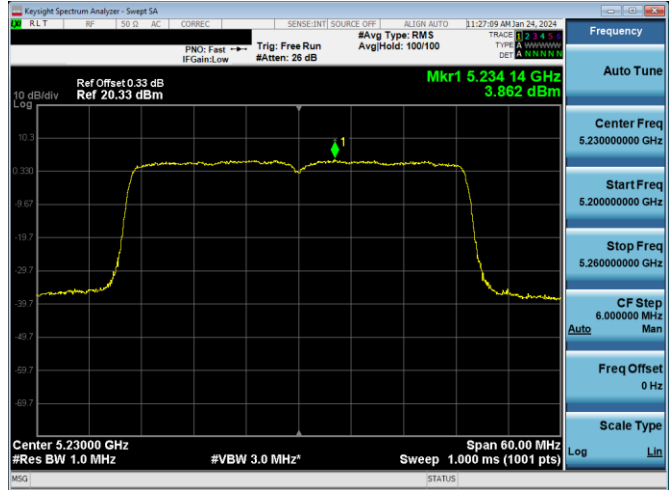


Plot 7-261. ISED PSD Antenna WF8 (160Hz BW 11ax (SU) – Ch.50, MCS4)

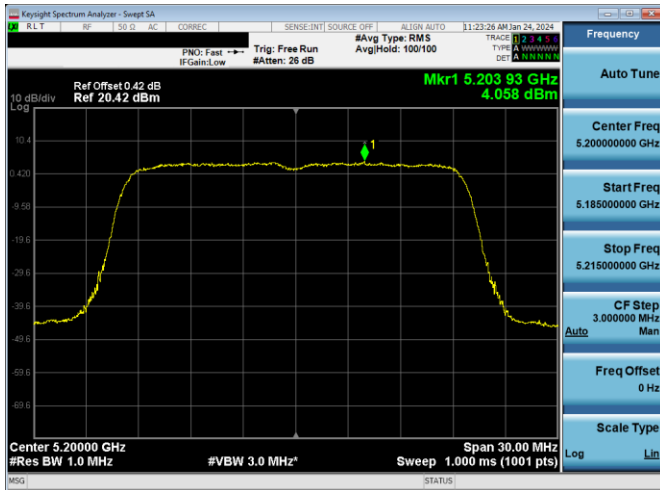
FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-11.BCG	Test Dates: 11/29/2023 - 1/15/2024	EUT Type: Tablet Device	Page 119 of 387



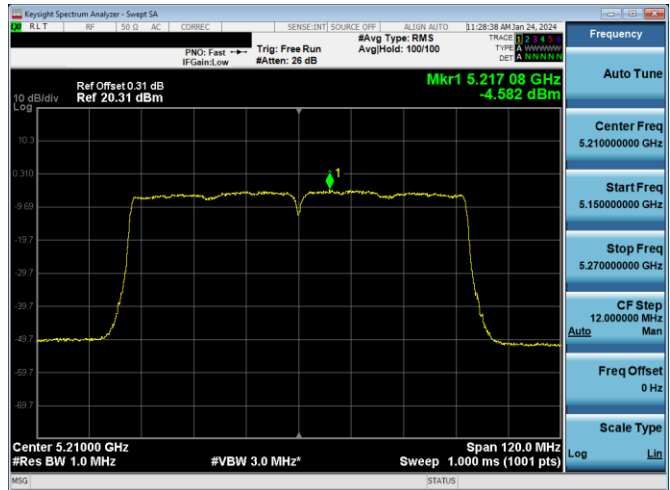
Plot 7-262. ISED PSD Antenna WF8 (20MHz BW 11n – Ch.40, MCS7)



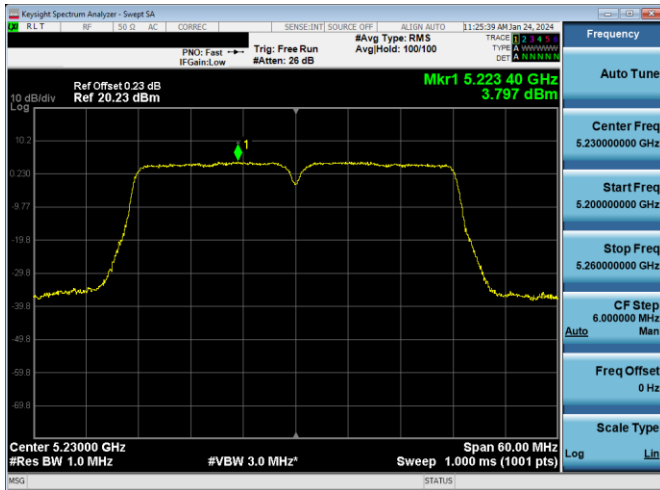
Plot 7-265. ISED PSD Antenna WF8 (40MHz BW 11ax(SU) – Ch.46, MCS11)



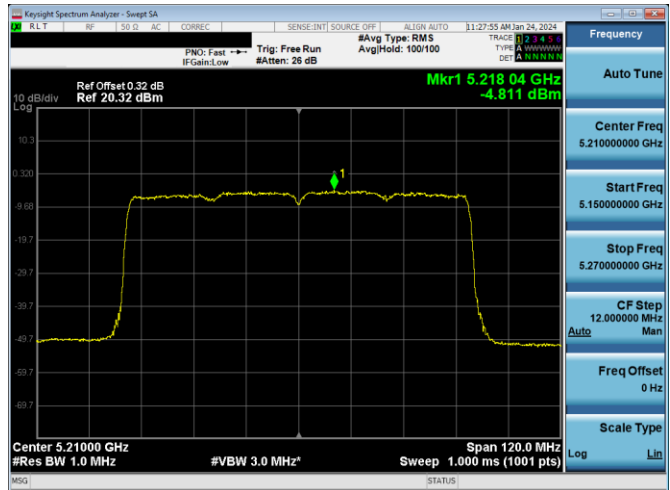
Plot 7-263. ISED PSD Antenna WF8 (20MHz BW 11ax(SU) – Ch.40, MCS11)



Plot 7-266. ISED PSD Antenna WF8 (80MHz BW 11ac – Ch.42, MCS9)

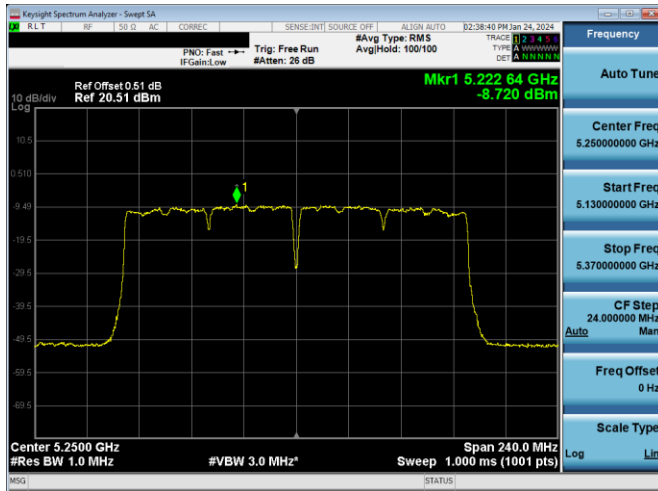


Plot 7-264. ISED PSD Antenna WF8 (40MHz BW 11n – Ch.46, MCS7)

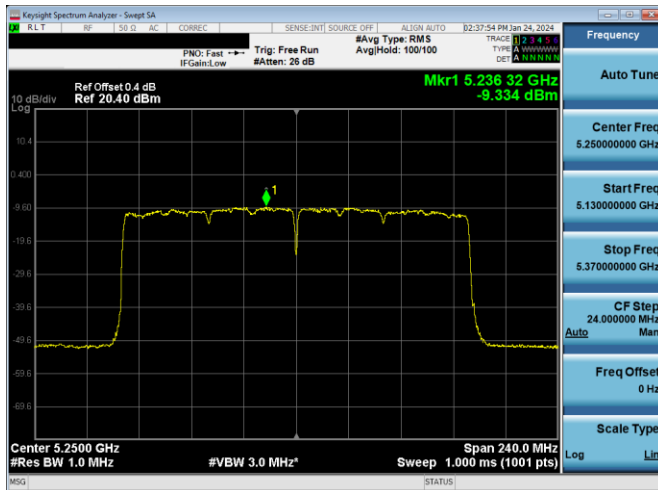


Plot 7-267. ISED PSD Antenna WF8 (80MHz BW 11ax (SU) – Ch.42, MCS11)

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-11.BCG	Test Dates: 11/29/2023 - 1/15/2024	EUT Type: Tablet Device	Page 120 of 387



Plot 7-268. ISED PSD Antenna WF8 (160MHz BW 11ac – Ch.50, MCS9)



Plot 7-269. ISED PSD Antenna WF8 (160MHz BW 11ax (SU) – Ch.50, MCS11)

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-11.BCG	Test Dates: 11/29/2023 - 1/15/2024	EUT Type: Tablet Device	Page 121 of 387

## 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)	19.5/21.7 (MCS2)	7.91	11.00	-3.09
	5200	40	n (20MHz)	19.5/21.7 (MCS2)	10.35	11.00	-0.65
	5240	48	n (20MHz)	19.5/21.7 (MCS2)	9.96	11.00	-1.04
	5180	36	ax (SU) (20MHz)	24/25.8 (MCS2)	5.30	11.00	-5.70
	5200	40	ax (SU) (20MHz)	24/25.8 (MCS2)	8.51	11.00	-2.49
	5240	48	ax (SU) (20MHz)	24/25.8 (MCS2)	8.50	11.00	-2.50
	5190	38	n (40MHz)	40.5/45 (MCS2)	3.77	11.00	-7.24
	5230	46	n (40MHz)	40.5/45 (MCS2)	8.32	11.00	-2.69
	5190	38	ax (SU) (40MHz)	49/51.6 (MCS2)	0.98	11.00	-10.02
	5230	46	ax (SU) (40MHz)	49/51.6 (MCS2)	6.98	11.00	-4.02
	5210	42	ac (80MHz)	87.8/97.5 (MCS2)	-0.98	11.00	-11.98
	5210	42	ax (SU) (80MHz)	102/108.1 (MCS2)	-2.95	11.00	-13.95
Band 1/2	5250	50	ac (160MHz)	175.5/195 (MCS2)	-5.78	11.00	-16.78
	5250	50	ax (SU) (160MHz)	204.2/216.2 (MCS2)	-7.09	11.00	-18.09
Band 2A	5260	52	n (20MHz)	19.5/21.7 (MCS2)	9.89	11.00	-1.11
	5300	60	n (20MHz)	19.5/21.7 (MCS2)	9.92	11.00	-1.08
	5320	64	n (20MHz)	19.5/21.7 (MCS2)	8.37	11.00	-2.63
	5260	52	ax (SU) (20MHz)	24/25.8 (MCS2)	8.34	11.00	-2.67
	5300	60	ax (SU) (20MHz)	24/25.8 (MCS2)	8.25	11.00	-2.76
	5320	64	ax (SU) (20MHz)	24/25.8 (MCS2)	5.90	11.00	-5.10
	5270	54	n (40MHz)	40.5/45 (MCS2)	8.45	11.00	-2.56
	5310	62	n (40MHz)	40.5/45 (MCS2)	4.00	11.00	-7.01
	5270	54	ax (SU) (40MHz)	49/51.6 (MCS2)	7.19	11.00	-3.82
	5310	62	ax (SU) (40MHz)	49/51.6 (MCS2)	1.08	11.00	-9.93
	5290	58	ac (80MHz)	87.8/97.5 (MCS2)	-0.14	11.00	-11.14
	5290	58	ax (SU) (80MHz)	102/108.1 (MCS2)	-1.89	11.00	-12.89
	5500	100	n (20MHz)	19.5/21.7 (MCS2)	8.40	11.00	-2.61
	5580	116	n (20MHz)	19.5/21.7 (MCS2)	9.71	11.00	-1.29
	*5600	120	n (20MHz)	19.5/21.7 (MCS2)	9.78	11.00	-1.22
	5700	140	n (20MHz)	19.5/21.7 (MCS2)	5.82	11.00	-5.18
Band 2C	5720	144	n (20MHz)	19.5/21.7 (MCS2)	9.77	11.00	-1.23
	5500	100	ax (SU) (20MHz)	24/25.8 (MCS2)	5.86	11.00	-5.14
	5580	116	ax (SU) (20MHz)	24/25.8 (MCS2)	8.34	11.00	-2.66
	*5600	120	ax (SU) (20MHz)	24/25.8 (MCS2)	8.17	11.00	-2.83
	5700	140	ax (SU) (20MHz)	24/25.8 (MCS2)	4.15	11.00	-6.85
	5720	144	ax (SU) (20MHz)	24/25.8 (MCS2)	8.31	11.00	-2.69
	5510	102	n (40MHz)	40.5/45 (MCS2)	3.03	11.00	-7.97
	5550	110	n (40MHz)	40.5/45 (MCS2)	8.10	11.00	-2.91
	*5590	118	n (40MHz)	40.5/45 (MCS2)	7.81	11.00	-3.19
	5670	134	n (40MHz)	40.5/45 (MCS2)	6.37	11.00	-4.63
	5710	142	n (40MHz)	40.5/45 (MCS2)	7.92	11.00	-3.08
	5510	102	ax (SU) (40MHz)	49/51.6 (MCS2)	1.30	11.00	-9.70
	5550	110	ax (SU) (40MHz)	49/51.6 (MCS2)	5.95	11.00	-5.05
	*5590	118	ax (SU) (40MHz)	49/51.6 (MCS2)	6.33	11.00	-4.67
	5670	134	ax (SU) (40MHz)	49/51.6 (MCS2)	3.96	11.00	-7.04
	5710	142	ax (SU) (40MHz)	49/51.6 (MCS2)	6.87	11.00	-4.13
	5530	106	ac (80MHz)	87.8/97.5 (MCS2)	-1.35	11.00	-12.35
	*5610	122	ac (80MHz)	87.8/97.5 (MCS2)	3.87	11.00	-7.13
	5690	138	ac (80MHz)	87.8/97.5 (MCS2)	4.74	11.00	-6.26
	5530	106	ax (SU) (80MHz)	102/108.1 (MCS2)	-2.69	11.00	-13.69
	*5610	122	ax (SU) (80MHz)	102/108.1 (MCS2)	2.87	11.00	-8.13
	5690	138	ax (SU) (80MHz)	102/108.1 (MCS2)	3.78	11.00	-7.22
	*5570	114	ac (160MHz)	175.5/195 (MCS2)	-6.56	11.00	-17.56
	*5570	114	ax (SU) (160MHz)	204.2/216.2 (MCS2)	-8.46	11.00	-19.46

**Table 7-125. Power Spectral Density Measurements Antenna WF7a (Low Data Rate)**

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

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-11.BCG	Test Dates: 11/29/2023 - 1/15/2024	EUT Type: Tablet Device	Page 122 of 387

	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)	81/90 (MCS4)	7.01	11.00	-3.99	
	5200	40	n (20MHz)	81/90 (MCS4)	10.13	11.00	-0.88	
	5240	48	n (20MHz)	81/90 (MCS4)	9.93	11.00	-1.07	
	5180	36	ax (SU) (20MHz)	49/51.6 (MCS4)	5.13	11.00	-5.87	
	5200	40	ax (SU) (20MHz)	49/51.6 (MCS4)	8.72	11.00	-2.28	
	5240	48	ax (SU) (20MHz)	49/51.6 (MCS4)	8.61	11.00	-2.39	
	5190	38	n (40MHz)	81/90 (MCS4)	2.33	11.00	-8.67	
	5230	46	n (40MHz)	81/90 (MCS4)	8.65	11.00	-2.35	
	5190	38	ax (SU) (40MHz)	98/103.2 (MCS4)	0.40	11.00	-10.60	
	5230	46	ax (SU) (40MHz)	98/103.2 (MCS4)	7.36	11.00	-3.64	
Band 1/2	5210	42	ac (80MHz)	175.5/195 (MCS4)	-1.42	11.00	-12.42	
	5210	42	ax (SU) (80MHz)	49/51.6 (MCS4)	-3.33	11.00	-14.33	
Band 2A	5250	50	ac (160MHz)	351/390 (MCS4)	-6.72	11.00	-17.72	
	5250	50	ax (SU) (160MHz)	408.3/432.4 (MCS4)	-7.84	11.00	-18.84	
	5260	52	n (20MHz)	81/90 (MCS4)	10.11	11.00	-0.89	
	5300	60	n (20MHz)	81/90 (MCS4)	10.15	11.00	-0.85	
	5320	64	n (20MHz)	81/90 (MCS4)	8.07	11.00	-2.93	
	5260	52	ax (SU) (20MHz)	49/51.6 (MCS4)	8.75	11.00	-2.25	
	5300	60	ax (SU) (20MHz)	49/51.6 (MCS4)	8.60	11.00	-2.40	
	5320	64	ax (SU) (20MHz)	49/51.6 (MCS4)	5.89	11.00	-5.11	
	5270	54	n (40MHz)	81/90 (MCS4)	8.52	11.00	-2.48	
	5310	62	n (40MHz)	81/90 (MCS4)	3.45	11.00	-7.55	
	5270	54	ax (SU) (40MHz)	98/103.2 (MCS4)	7.08	11.00	-3.92	
	5310	62	ax (SU) (40MHz)	98/103.2 (MCS4)	0.99	11.00	-10.01	
	5290	58	ac (80MHz)	175.5/195 (MCS4)	-0.82	11.00	-11.82	
	5290	58	ax (SU) (80MHz)	49/51.6 (MCS4)	-1.74	11.00	-12.74	
	Band 2C	5500	100	n (20MHz)	81/90 (MCS4)	7.69	11.00	-3.31
		5580	116	n (20MHz)	81/90 (MCS4)	9.95	11.00	-1.06
*5600		120	n (20MHz)	81/90 (MCS4)	9.93	11.00	-1.07	
5700		140	n (20MHz)	81/90 (MCS4)	5.62	11.00	-5.38	
5720		144	n (20MHz)	81/90 (MCS4)	9.75	11.00	-1.25	
5500		100	ax (SU) (20MHz)	49/51.6 (MCS4)	4.97	11.00	-6.03	
5580		116	ax (SU) (20MHz)	49/51.6 (MCS4)	8.11	11.00	-2.89	
*5600		120	ax (SU) (20MHz)	49/51.6 (MCS4)	8.28	11.00	-2.72	
5700		140	ax (SU) (20MHz)	49/51.6 (MCS4)	2.93	11.00	-8.07	
5720		144	ax (SU) (20MHz)	49/51.6 (MCS4)	8.68	11.00	-2.32	
5510		102	n (40MHz)	81/90 (MCS4)	2.63	11.00	-8.37	
5550		110	n (40MHz)	81/90 (MCS4)	7.45	11.00	-3.55	
*5590		118	n (40MHz)	81/90 (MCS4)	7.80	11.00	-3.20	
5670		134	n (40MHz)	81/90 (MCS4)	4.77	11.00	-6.23	
5710		142	n (40MHz)	81/90 (MCS4)	8.10	11.00	-2.90	
5510		102	ax (SU) (40MHz)	98/103.2 (MCS4)	1.40	11.00	-9.61	
5550		110	ax (SU) (40MHz)	98/103.2 (MCS4)	5.79	11.00	-5.21	
*5590		118	ax (SU) (40MHz)	98/103.2 (MCS4)	6.12	11.00	-4.88	
5670		134	ax (SU) (40MHz)	98/103.2 (MCS4)	2.26	11.00	-8.74	
5710		142	ax (SU) (40MHz)	98/103.2 (MCS4)	6.63	11.00	-4.37	
5530		106	ac (80MHz)	175.5/195 (MCS4)	-1.46	11.00	-12.46	
*5610		122	ac (80MHz)	175.5/195 (MCS4)	3.08	11.00	-7.92	
5690		138	ac (80MHz)	175.5/195 (MCS4)	5.22	11.00	-5.78	
5530		106	ax (SU) (80MHz)	49/51.6 (MCS4)	-3.12	11.00	-14.12	
*5610		122	ax (SU) (80MHz)	49/51.6 (MCS4)	1.17	11.00	-9.83	
5690		138	ax (SU) (80MHz)	49/51.6 (MCS4)	3.86	11.00	-7.14	
*5570		114	ac (160MHz)	351/390 (MCS4)	-7.02	11.00	-18.02	
*5570		114	ax (SU) (160MHz)	408.3/432.4 (MCS4)	-8.20	11.00	-19.20	

**Table 7-126. Power Spectral Density Measurements Antenna WF7a (Mid Data Rate)**


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

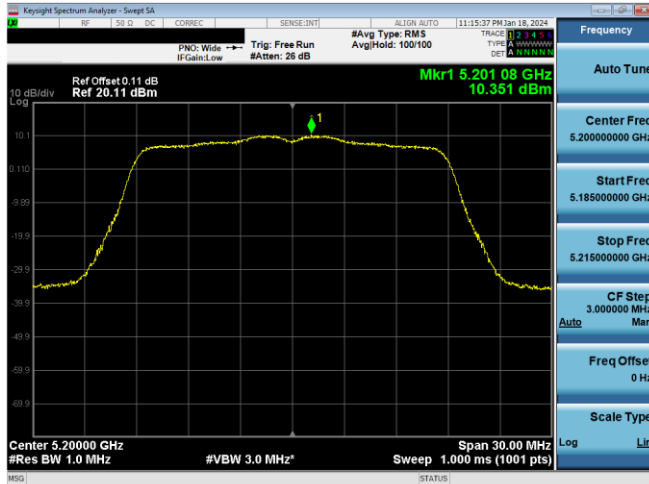
FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-11.BCG	Test Dates: 11/29/2023 - 1/15/2024	EUT Type: Tablet Device	Page 123 of 387

	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)	5.22	11.00	-5.78	
	5200	40	n (20MHz)	65/72.2 (MCS7)	8.95	11.00	-2.05	
	5240	48	n (20MHz)	65/72.2 (MCS7)	8.57	11.00	-2.43	
	5180	36	ax (SU) (20MHz)	135/143.4 (MCS11)	4.62	11.00	-6.38	
	5200	40	ax (SU) (20MHz)	135/143.4 (MCS11)	8.96	11.00	-2.04	
	5240	48	ax (SU) (20MHz)	135/143.4 (MCS11)	8.65	11.00	-2.35	
	5190	38	n (40MHz)	135/150 (MCS7)	1.33	11.00	-9.67	
	5230	46	n (40MHz)	135/150 (MCS7)	7.05	11.00	-3.95	
	5190	38	ax (SU) (40MHz)	135/143.4 (MCS11)	0.10	11.00	-10.90	
	5230	46	ax (SU) (40MHz)	135/143.4 (MCS11)	6.29	11.00	-4.71	
Band 1/2	5210	42	ac (80MHz)	390/433.3 (MCS9)	-4.10	11.00	-15.10	
	5210	42	ax (SU) (80MHz)	567/600.5 (MCS11)	-3.65	11.00	-14.65	
Band 2A	5250	50	ac (160MHz)	780/866.7 (MCS9)	-8.43	11.00	-19.43	
	5250	50	ax (SU) (160MHz)	1134.3/1201 (MCS11)	-8.69	11.00	-19.69	
	5260	52	n (20MHz)	65/72.2 (MCS7)	8.71	11.00	-2.29	
	5300	60	n (20MHz)	65/72.2 (MCS7)	8.77	11.00	-2.23	
	5320	64	n (20MHz)	65/72.2 (MCS7)	5.61	11.00	-5.40	
	5260	52	ax (SU) (20MHz)	135/143.4 (MCS11)	8.49	11.00	-2.51	
	5300	60	ax (SU) (20MHz)	135/143.4 (MCS11)	8.83	11.00	-2.17	
	5320	64	ax (SU) (20MHz)	135/143.4 (MCS11)	5.23	11.00	-5.77	
	5270	54	n (40MHz)	135/150 (MCS7)	7.05	11.00	-3.95	
	5310	62	n (40MHz)	135/150 (MCS7)	1.33	11.00	-9.67	
	5270	54	ax (SU) (40MHz)	135/143.4 (MCS11)	6.83	11.00	-4.17	
	5310	62	ax (SU) (40MHz)	135/143.4 (MCS11)	0.86	11.00	-10.14	
	5290	58	ac (80MHz)	390/433.3 (MCS9)	-2.33	11.00	-13.33	
	5290	58	ax (SU) (80MHz)	567/600.5 (MCS11)	-2.33	11.00	-13.33	
	Band 2C	5500	100	n (20MHz)	65/72.2 (MCS7)	4.84	11.00	-6.16
		5580	116	n (20MHz)	65/72.2 (MCS7)	8.78	11.00	-2.23
*5600		120	n (20MHz)	65/72.2 (MCS7)	8.53	11.00	-2.47	
5700		140	n (20MHz)	65/72.2 (MCS7)	3.56	11.00	-7.44	
5720		144	n (20MHz)	65/72.2 (MCS7)	8.64	11.00	-2.36	
5500		100	ax (SU) (20MHz)	135/143.4 (MCS11)	3.65	11.00	-7.36	
5580		116	ax (SU) (20MHz)	135/143.4 (MCS11)	8.55	11.00	-2.45	
*5600		120	ax (SU) (20MHz)	135/143.4 (MCS11)	8.67	11.00	-2.34	
5700		140	ax (SU) (20MHz)	135/143.4 (MCS11)	2.93	11.00	-8.07	
5720		144	ax (SU) (20MHz)	135/143.4 (MCS11)	8.69	11.00	-2.31	
5510		102	n (40MHz)	135/150 (MCS7)	0.85	11.00	-10.15	
5550		110	n (40MHz)	135/150 (MCS7)	5.45	11.00	-5.55	
*5590		118	n (40MHz)	135/150 (MCS7)	6.17	11.00	-4.83	
5670		134	n (40MHz)	135/150 (MCS7)	2.21	11.00	-8.79	
5710		142	n (40MHz)	135/150 (MCS7)	6.60	11.00	-4.40	
5510		102	ax (SU) (40MHz)	135/143.4 (MCS11)	0.01	11.00	-10.99	
5550		110	ax (SU) (40MHz)	135/143.4 (MCS11)	5.17	11.00	-5.83	
*5590		118	ax (SU) (40MHz)	135/143.4 (MCS11)	6.54	11.00	-4.47	
5670		134	ax (SU) (40MHz)	135/143.4 (MCS11)	1.26	11.00	-9.74	
5710		142	ax (SU) (40MHz)	135/143.4 (MCS11)	6.76	11.00	-4.24	
5530		106	ac (80MHz)	390/433.3 (MCS9)	-3.57	11.00	-14.57	
*5610		122	ac (80MHz)	390/433.3 (MCS9)	1.28	11.00	-9.72	
5690		138	ac (80MHz)	390/433.3 (MCS9)	3.77	11.00	-7.23	
5530		106	ax (SU) (80MHz)	567/600.5 (MCS11)	-3.36	11.00	-14.36	
*5610		122	ax (SU) (80MHz)	567/600.5 (MCS11)	0.54	11.00	-10.46	
5690		138	ax (SU) (80MHz)	567/600.5 (MCS11)	3.93	11.00	-7.07	
*5570		114	ac (160MHz)	780/866.7 (MCS9)	-9.10	11.00	-20.10	
*5570		114	ax (SU) (160MHz)	1134.3/1201 (MCS11)	-9.01	11.00	-20.01	

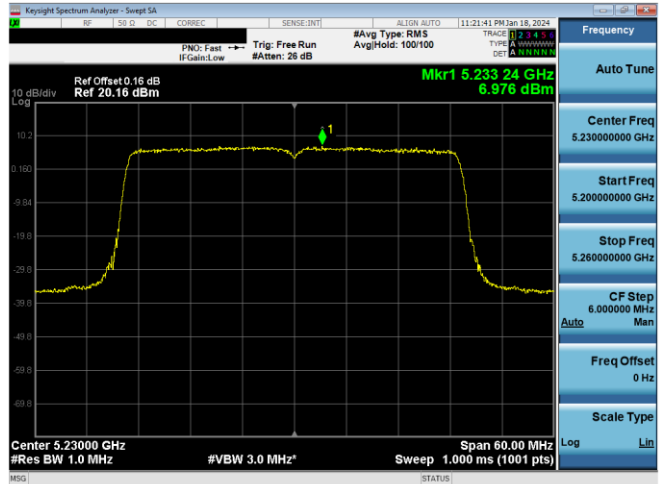
**Table 7-127. Power Spectral Density Measurements Antenna WF7a (High Data Rate)**

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

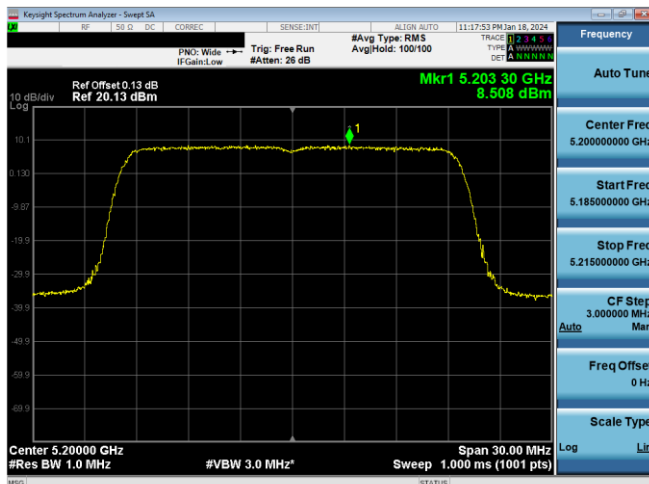
FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-11.BCG	Test Dates: 11/29/2023 - 1/15/2024	EUT Type: Tablet Device	Page 124 of 387



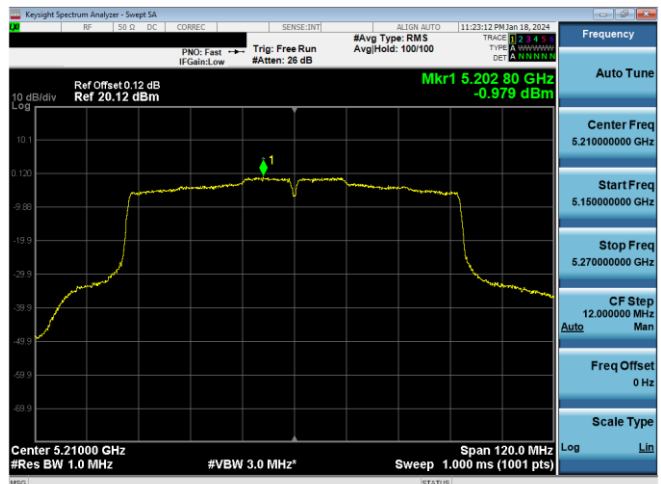
Plot 7-270. PSD Antenna WF7a (20MHz BW 802.11n – Ch. 40, MCS2)



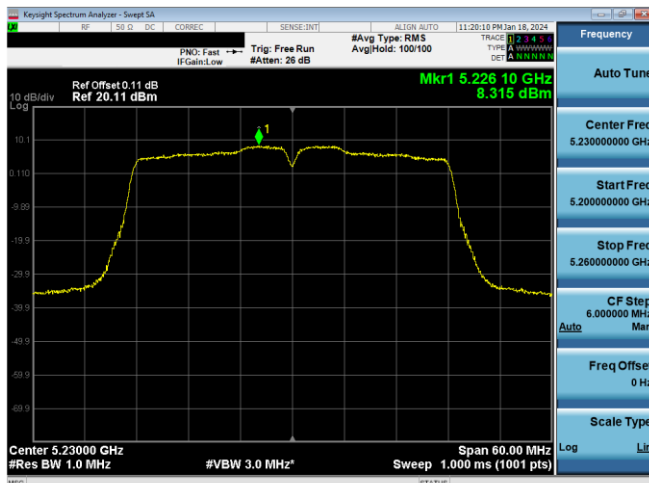
Plot 7-273. PSD Antenna WF7a (40MHz BW 802.11ax(SU) – Ch. 46, MCS2)



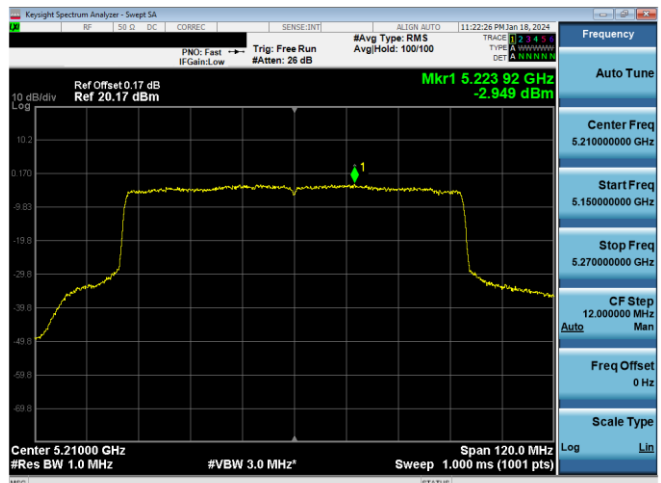
Plot 7-271. PSD Antenna WF7a (20MHz BW 802.11ax(SU) – Ch. 40, MCS2)



Plot 7-274. PSD Antenna WF7a (80MHz BW 802.11ac – Ch. 42, MCS2)



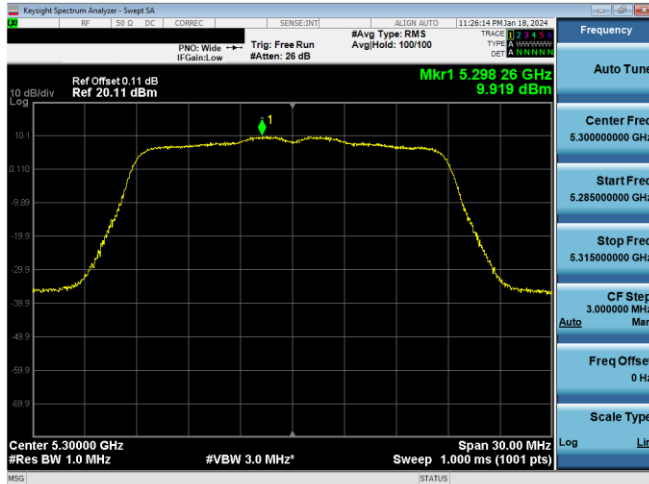
Plot 7-272. PSD Antenna WF7a (40MHz BW 802.11n – Ch. 46, MCS2)



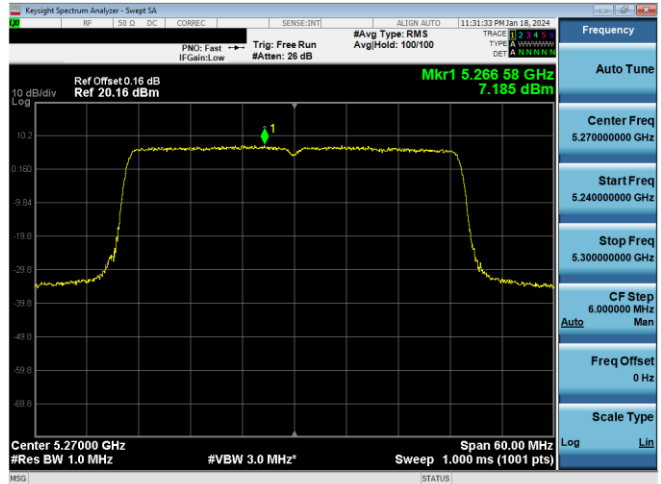
Plot 7-275. PSD Antenna WF7a (80MHz BW 802.11ax(SU) – Ch. 42, MCS2)

FCC ID: BCGA2902 IC: 579C-A2902		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	Approved by: Technical Manager
Test Report S/N: 1C2311270063-11.BCG	Test Dates: 11/29/2023 - 1/15/2024	EUT Type: Tablet Device	Page 125 of 387

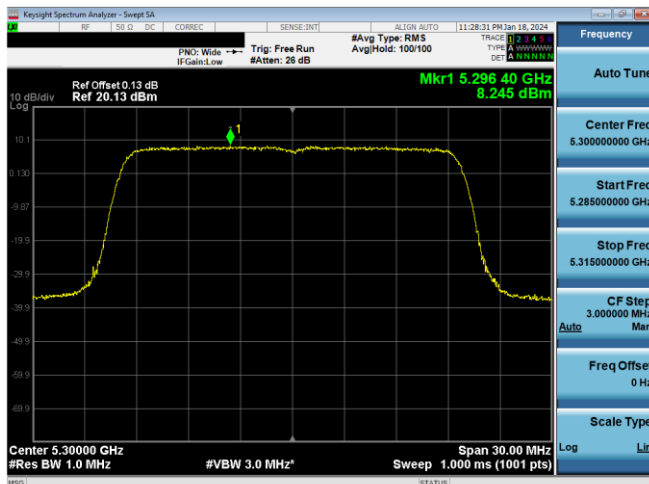




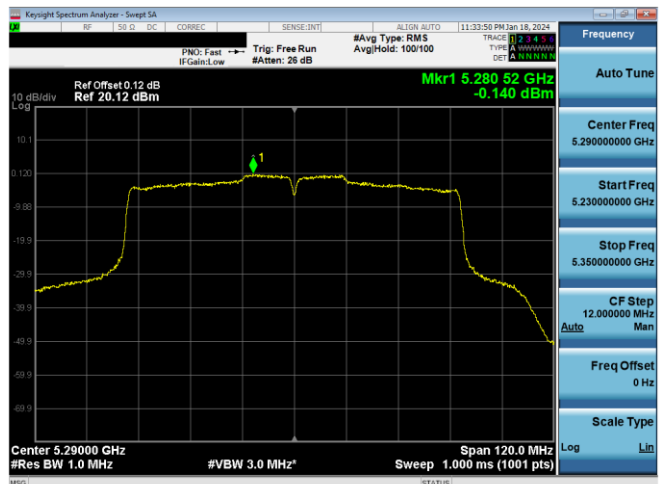
Plot 7-276. PSD Antenna WF7a (20MHz BW 802.11n – Ch. 60, MCS2)



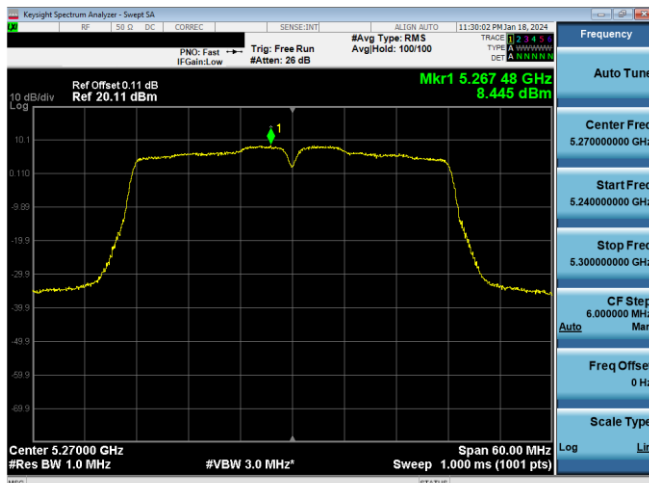
Plot 7-279. PSD Antenna WF7a (40MHz BW 802.11ax(SU) – Ch. 54, MCS2)



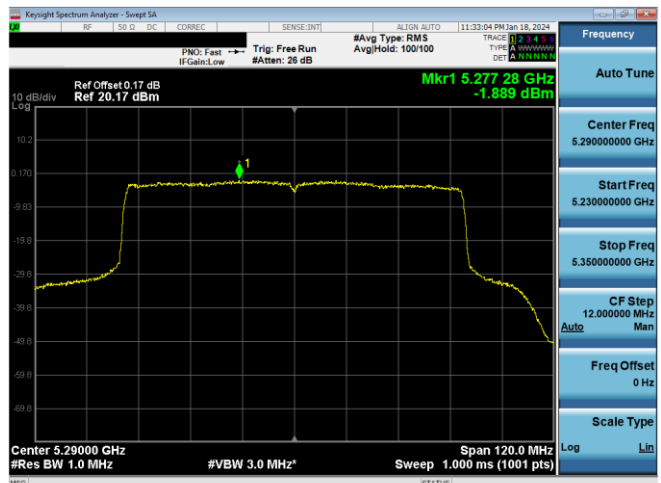
Plot 7-277. PSD Antenna WF7a (20MHz BW 802.11ax(SU) – Ch. 60, MCS2)



Plot 7-280. PSD Antenna WF7a (80MHz BW 802.11ac – Ch. 58, MCS2)

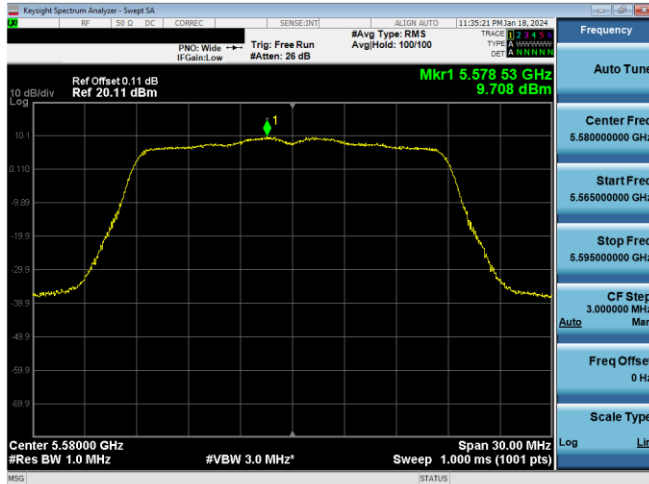


Plot 7-278. PSD Antenna WF7a (40MHz BW 802.11n – Ch. 54, MCS2)

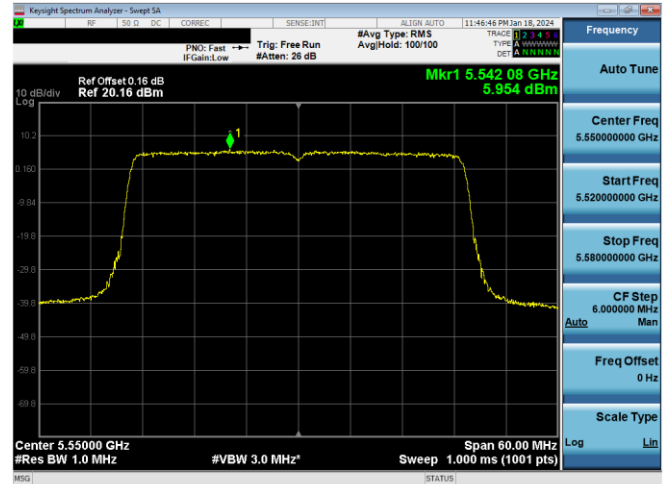


Plot 7-281. PSD Antenna WF7a (80MHz BW 802.11ax(SU) – Ch. 58, MCS2)

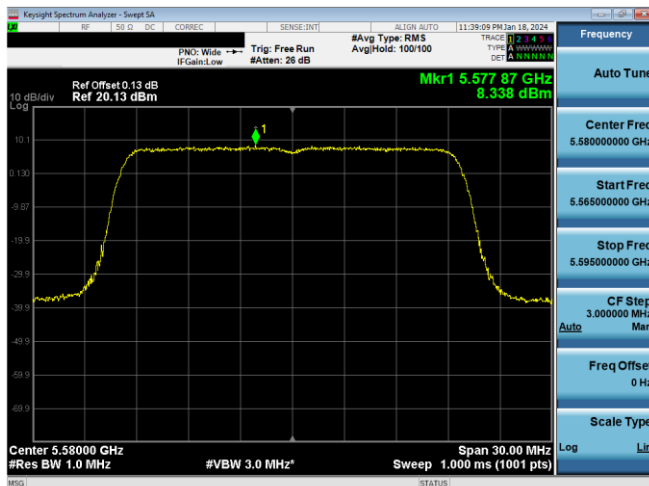
FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-11.BCG	Test Dates: 11/29/2023 - 1/15/2024	EUT Type: Tablet Device	Page 126 of 387



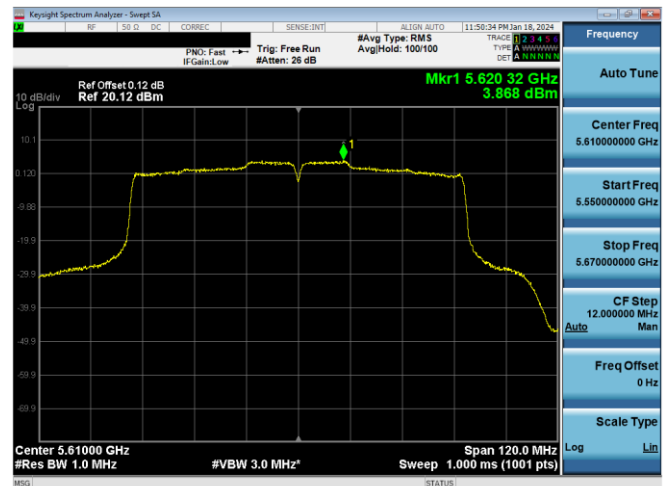
Plot 7-282. PSD Antenna WF7a (20MHz BW 802.11n – Ch. 116, MCS2)



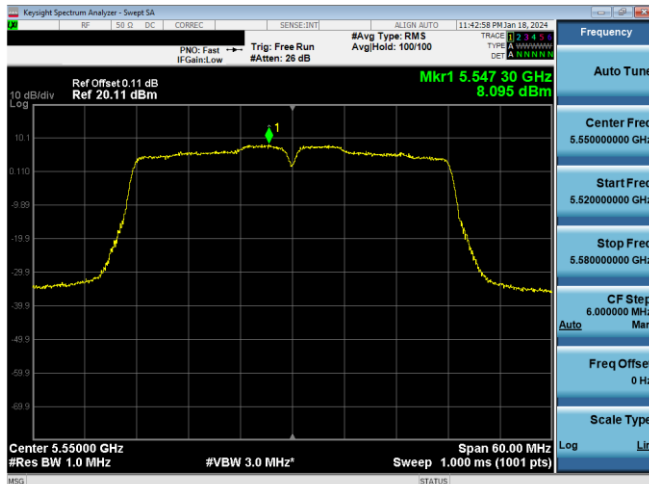
Plot 7-285. PSD Antenna WF7a (40MHz BW 802.11ax(SU) – Ch. 110, MCS2)



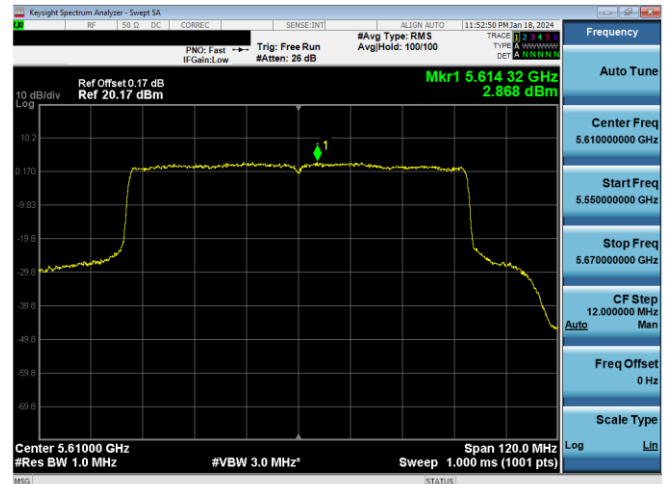
Plot 7-283. PSD Antenna WF7a (20MHz BW 802.11ax(SU) – Ch. 116, MCS2)



Plot 7-286. PSD Antenna WF7a (80MHz BW 802.11ac – Ch. 122, MCS2)

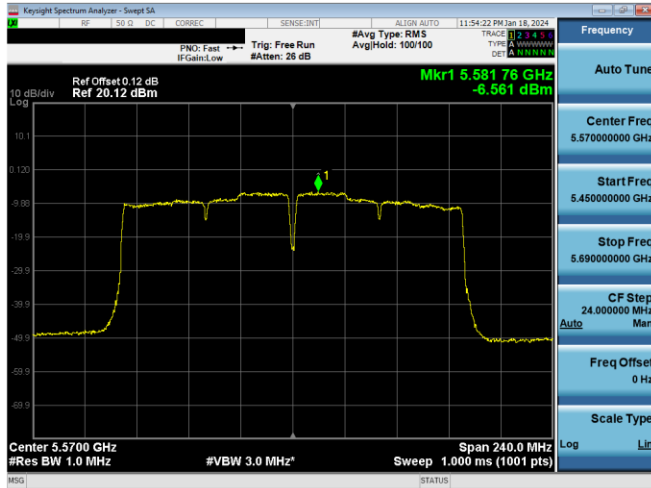


Plot 7-284. PSD Antenna WF7a (40MHz BW 802.11n – Ch. 110, MCS2)

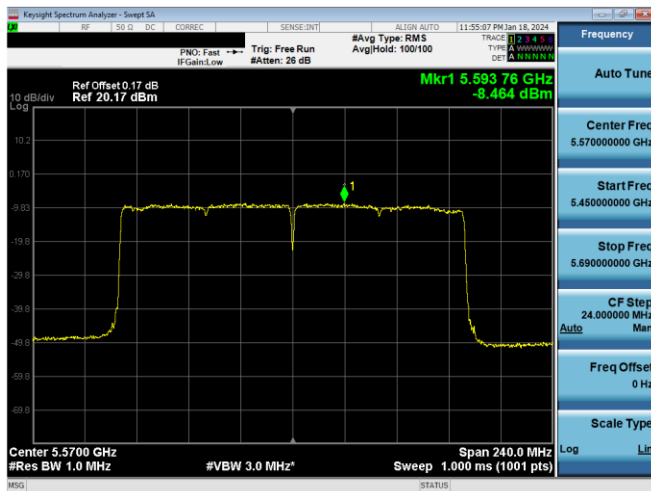


Plot 7-287. PSD Antenna WF7a (80MHz BW 802.11ax(SU) – Ch. 122, MCS2)

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-11.BCG	Test Dates: 11/29/2023 - 1/15/2024	EUT Type: Tablet Device	Page 127 of 387

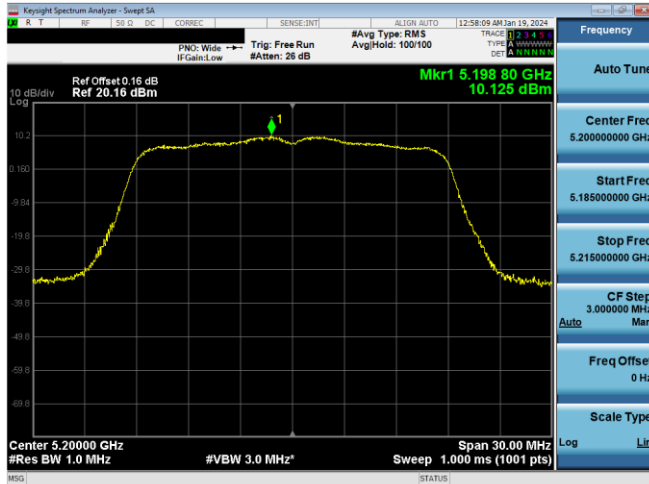


Plot 7-288. PSD Antenna WF7a (160MHz BW 802.11ac – Ch. 114, MCS2)

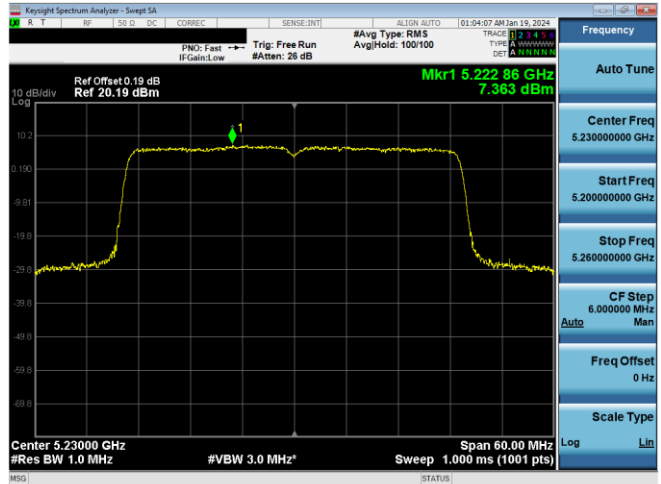


Plot 7-289. PSD Antenna WF7a (160MHz BW 802.11ax(SU) – Ch. 114, MCS2)

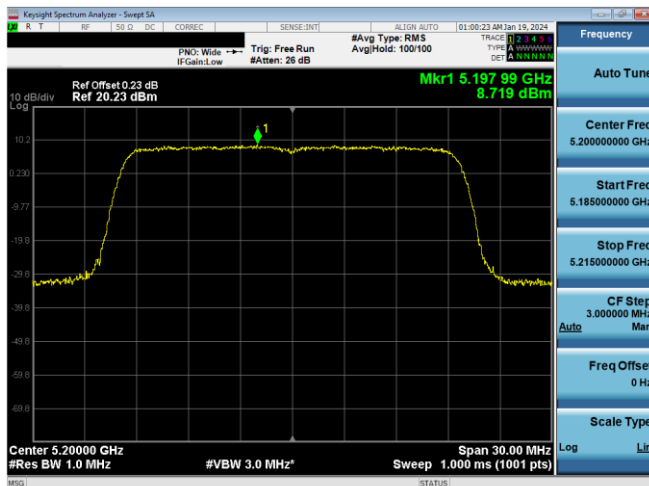
FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-11.BCG	Test Dates: 11/29/2023 - 1/15/2024	EUT Type: Tablet Device	Page 128 of 387



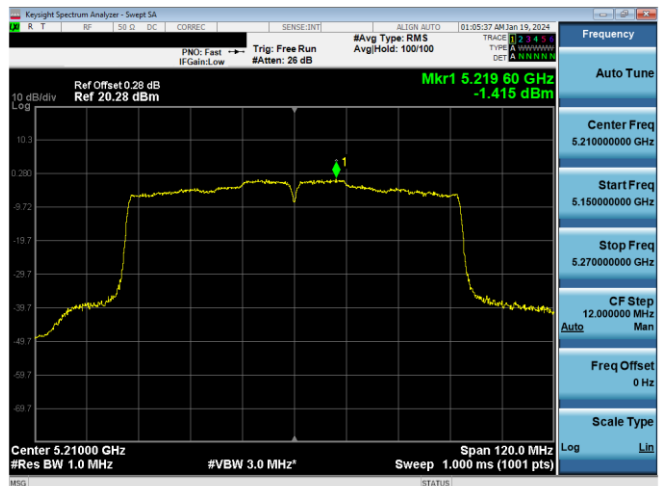
Plot 7-290. PSD Antenna WF7a (20MHz BW 802.11n – Ch. 40, MCS4)



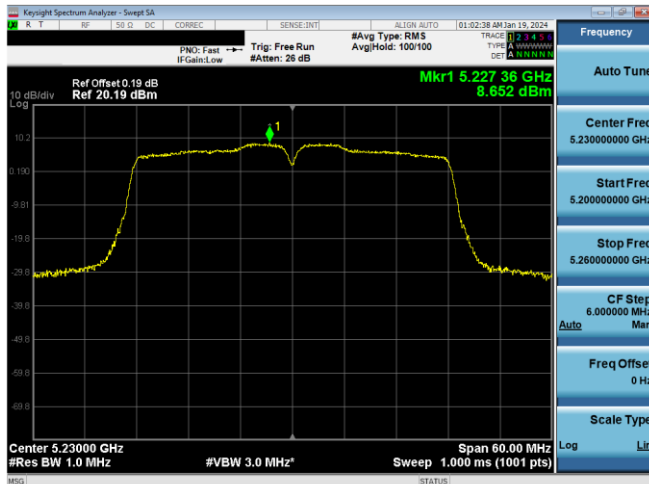
Plot 7-293. PSD Antenna WF7a (40MHz BW 802.11ax(SU) – Ch. 46, MCS4)



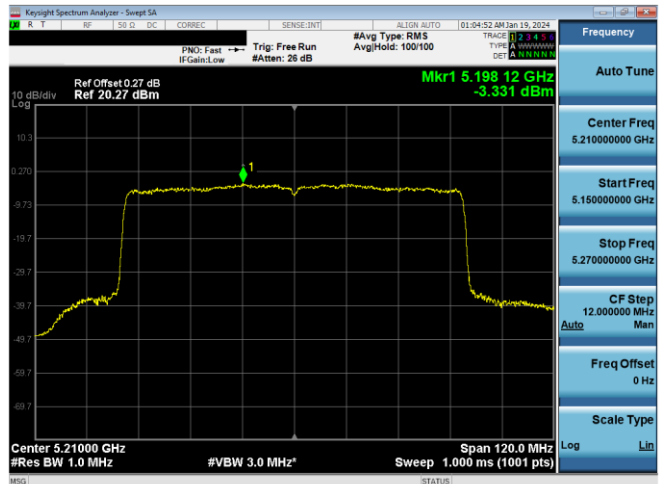
Plot 7-291. PSD Antenna WF7a (20MHz BW 802.11ax(SU) – Ch. 40, MCS4)



Plot 7-294. PSD Antenna WF7a (80MHz BW 802.11ac – Ch. 42, MCS4)

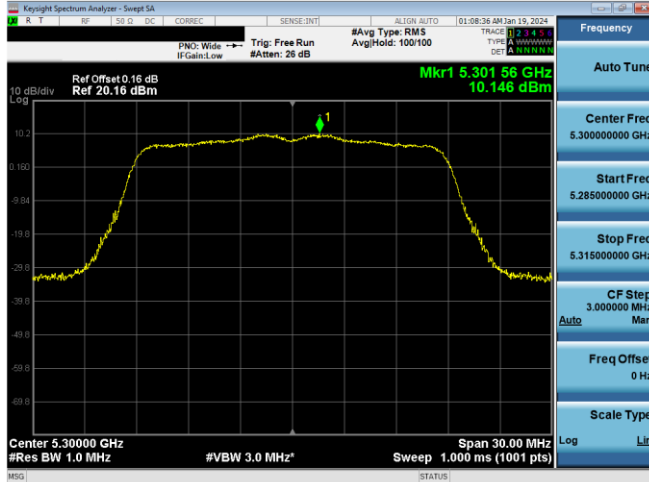


Plot 7-292. PSD Antenna WF7a (40MHz BW 802.11n – Ch. 46, MCS4)

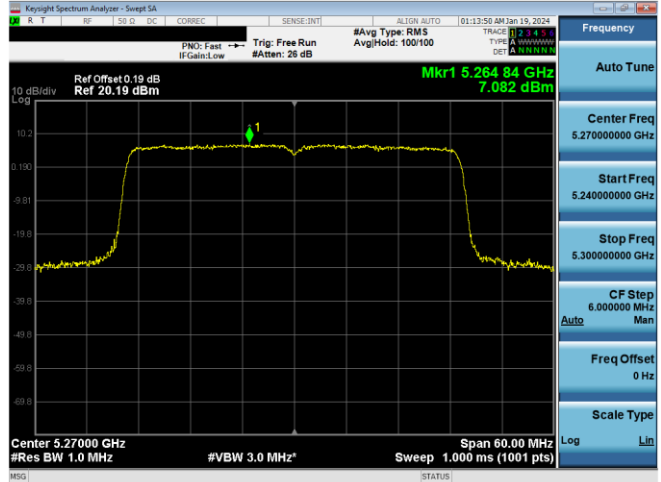


Plot 7-295. PSD Antenna WF7a (80MHz BW 802.11ax(SU) – Ch. 42, MCS4)

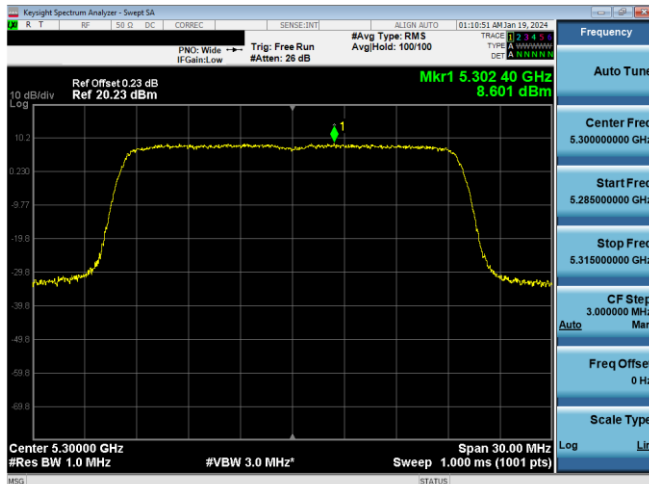
FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-11.BCG	Test Dates: 11/29/2023 - 1/15/2024	EUT Type: Tablet Device	Page 129 of 387



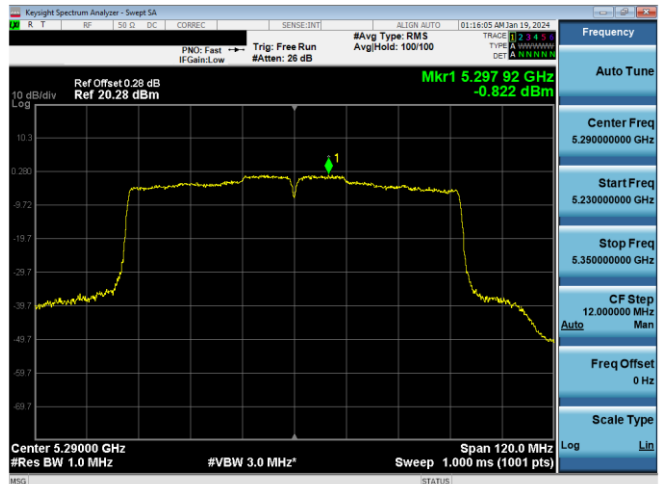
Plot 7-296. PSD Antenna WF7a (20MHz BW 802.11n – Ch. 60, MCS4)



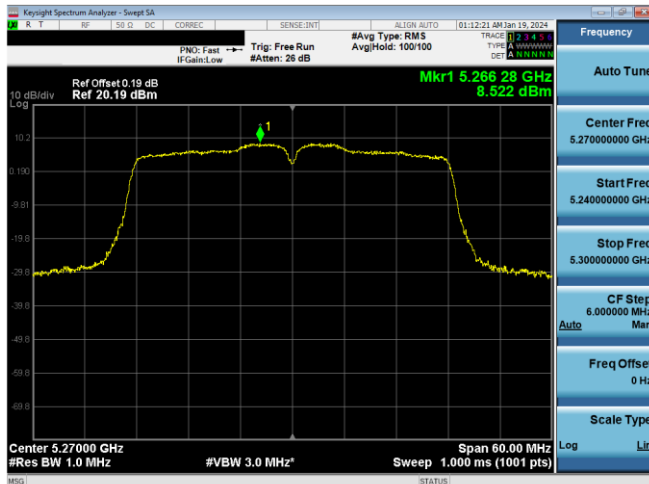
Plot 7-299. PSD Antenna WF7a (40MHz BW 802.11ax(SU) – Ch. 54, MCS4)



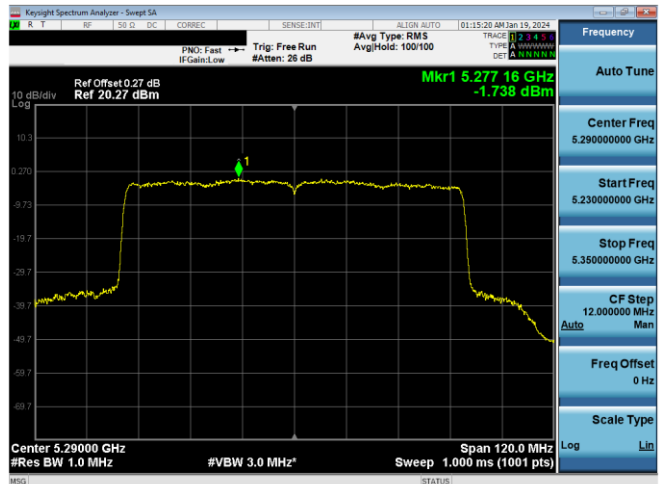
Plot 7-297. PSD Antenna WF7a (20MHz BW 802.11ax(SU) – Ch. 60, MCS4)



Plot 7-300. PSD Antenna WF7a (80MHz BW 802.11ac – Ch. 58, MCS4)

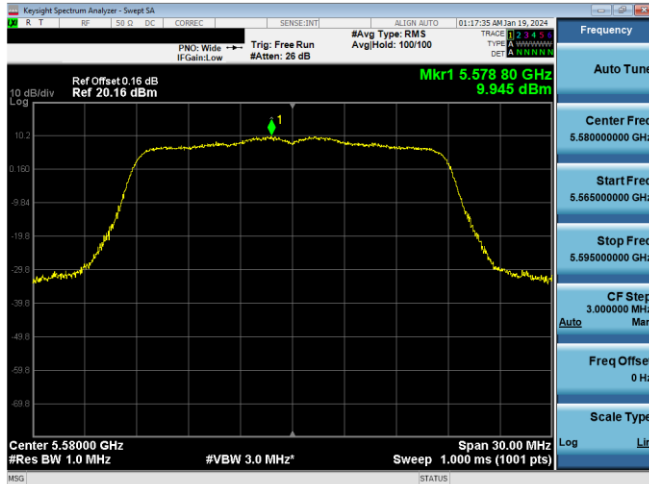


Plot 7-298. PSD Antenna WF7a (40MHz BW 802.11n – Ch. 54, MCS4)

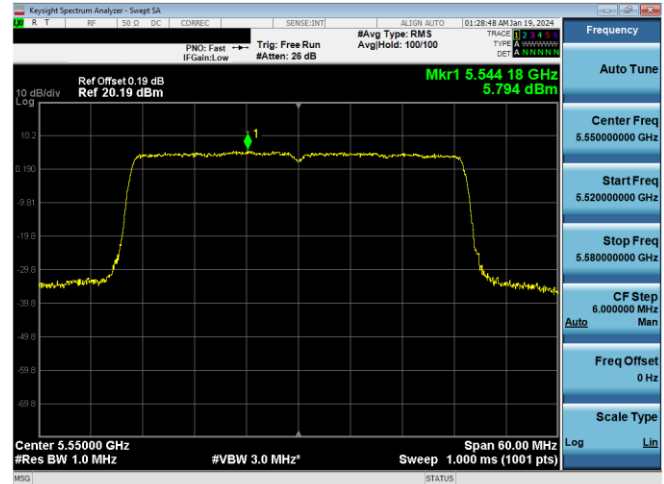


Plot 7-301. PSD Antenna WF7a (80MHz BW 802.11ax(SU) – Ch. 58, MCS4)

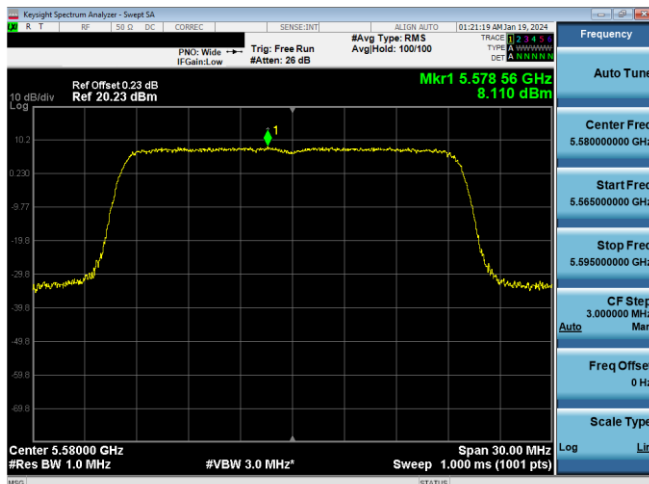
FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-11.BCG	Test Dates: 11/29/2023 - 1/15/2024	EUT Type: Tablet Device	Page 130 of 387



Plot 7-302. PSD Antenna WF7a (20MHz BW 802.11n – Ch. 116, MCS4)



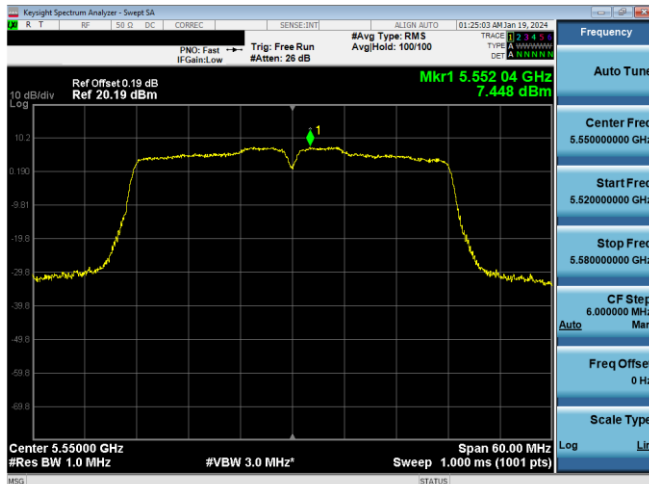
Plot 7-305. PSD Antenna WF7a (40MHz BW 802.11ax(SU) – Ch. 110, MCS4)



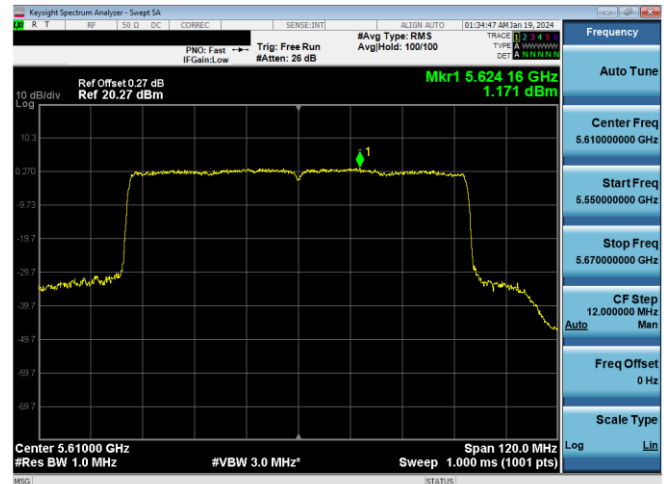
Plot 7-303. PSD Antenna WF7a (20MHz BW 802.11ax(SU) – Ch. 116, MCS4)



Plot 7-306. PSD Antenna WF7a (80MHz BW 802.11ac – Ch. 122, MCS4)

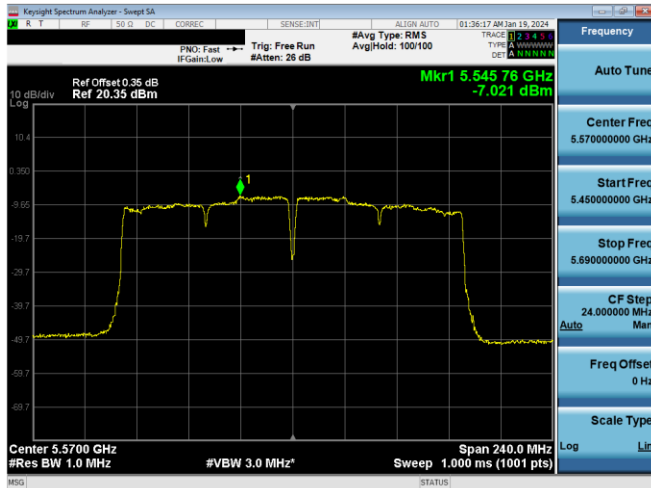


Plot 7-304. PSD Antenna WF7a (40MHz BW 802.11n – Ch. 110, MCS4)

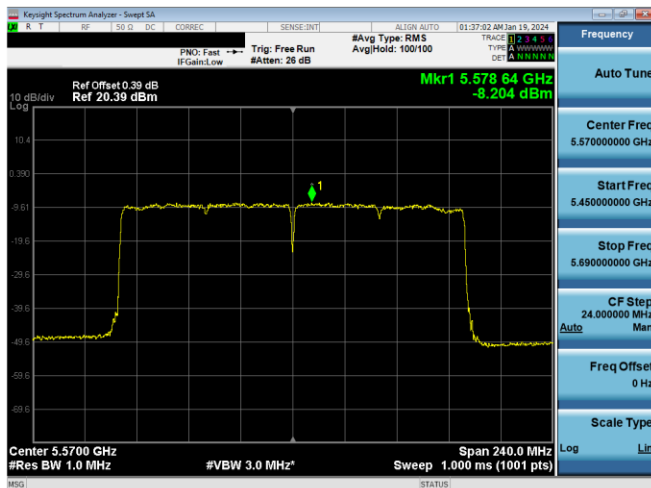


Plot 7-307. PSD Antenna WF7a (80MHz BW 802.11ax(SU) – Ch. 122, MCS4)

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-11.BCG	Test Dates: 11/29/2023 - 1/15/2024	EUT Type: Tablet Device	Page 131 of 387

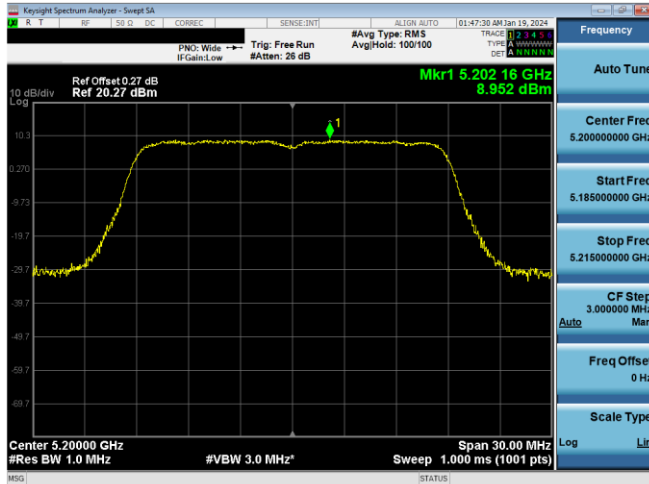


Plot 7-308. PSD Antenna WF7a (160MHz BW 802.11ac – Ch. 114, MCS4)

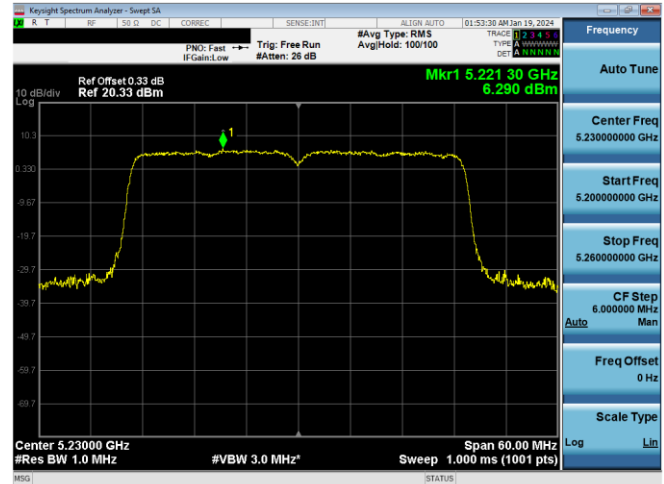


Plot 7-309. PSD Antenna WF7a (160MHz BW 802.11ax(SU) – Ch. 114, MCS4)

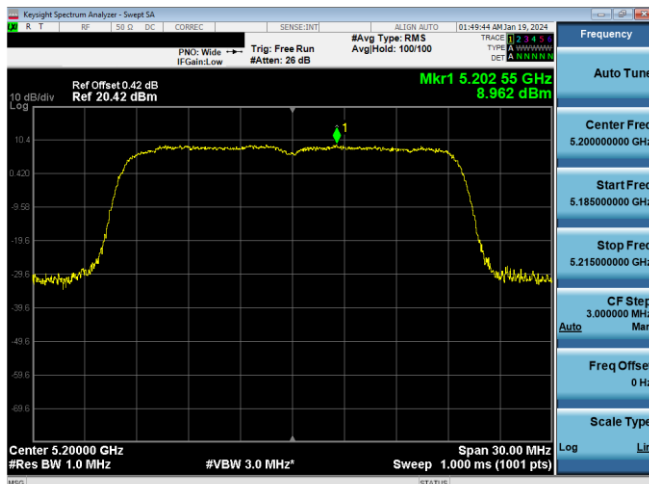
FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-11.BCG	Test Dates: 11/29/2023 - 1/15/2024	EUT Type: Tablet Device	Page 132 of 387



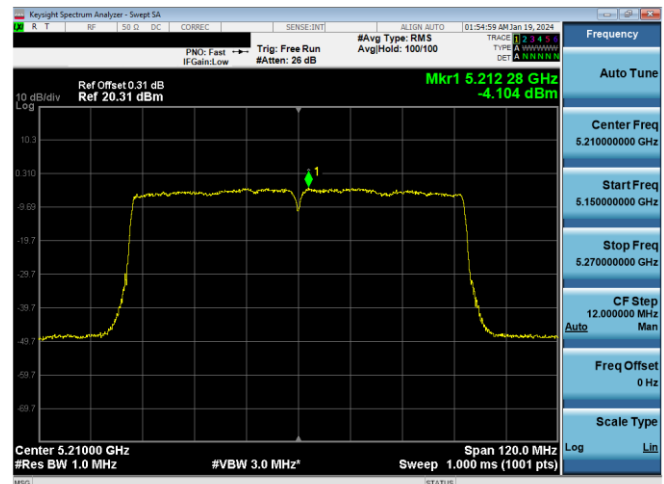
Plot 7-310. PSD Antenna WF7a (20MHz BW 802.11n – Ch. 40, MCS7)



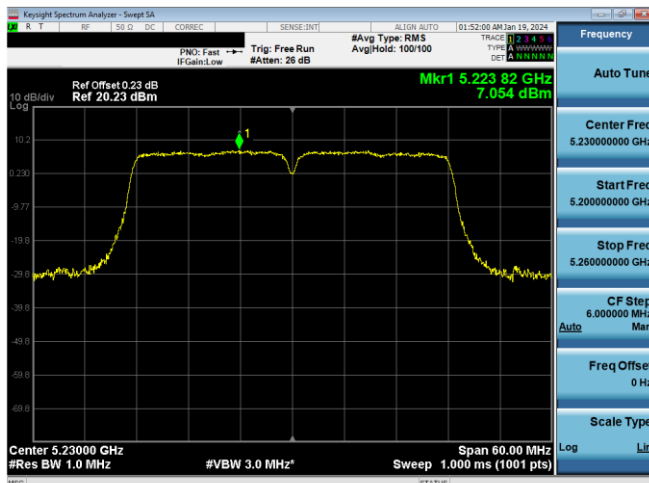
Plot 7-313. PSD Antenna WF7a (40MHz BW 802.11ax(SU) – Ch. 46, MCS11)



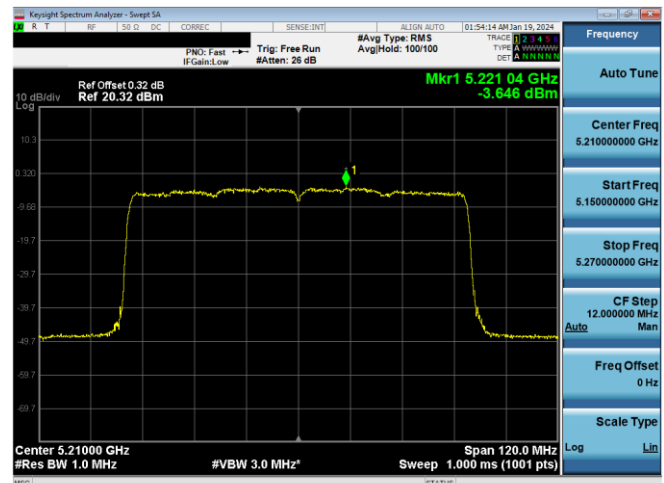
Plot 7-311. PSD Antenna WF7a (20MHz BW 802.11ax(SU) – Ch. 40, MCS11)



Plot 7-314. PSD Antenna WF7a (80MHz BW 802.11ac – Ch. 42, MCS9)



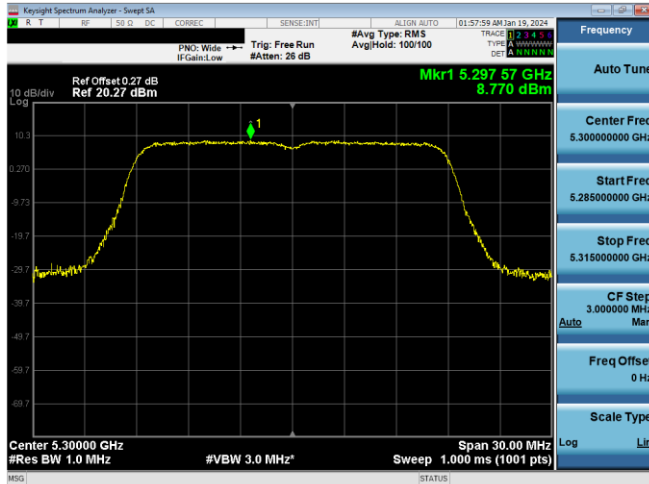
Plot 7-312. PSD Antenna WF7a (40MHz BW 802.11n – Ch. 46, MCS7)



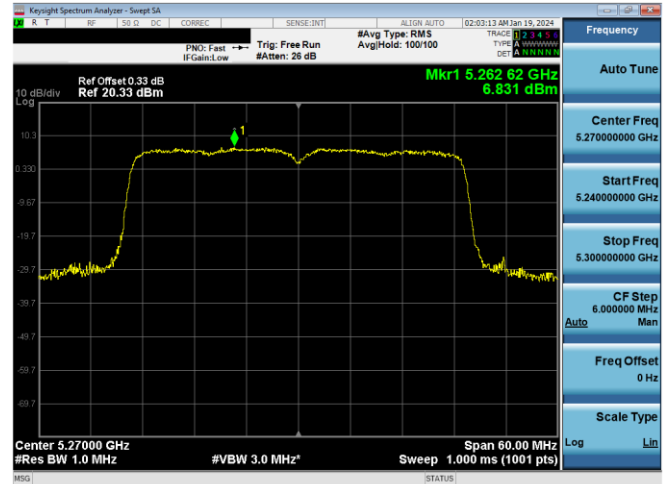
Plot 7-315. PSD Antenna WF7a (80MHz BW 802.11ax(SU) – Ch. 42, MCS11)

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-11.BCG	Test Dates: 11/29/2023 - 1/15/2024	EUT Type: Tablet Device	Page 133 of 387

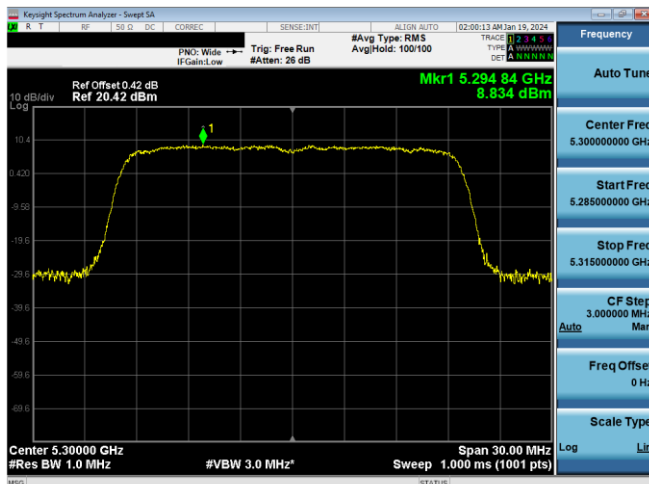




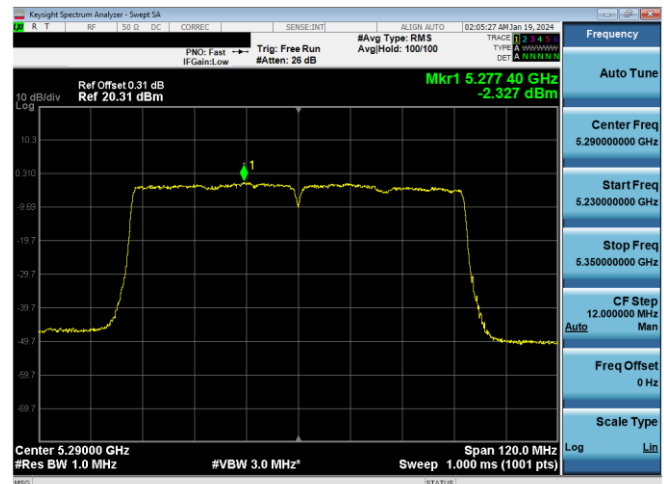
Plot 7-316. PSD Antenna WF7a (20MHz BW 802.11n – Ch. 60, MCS7)



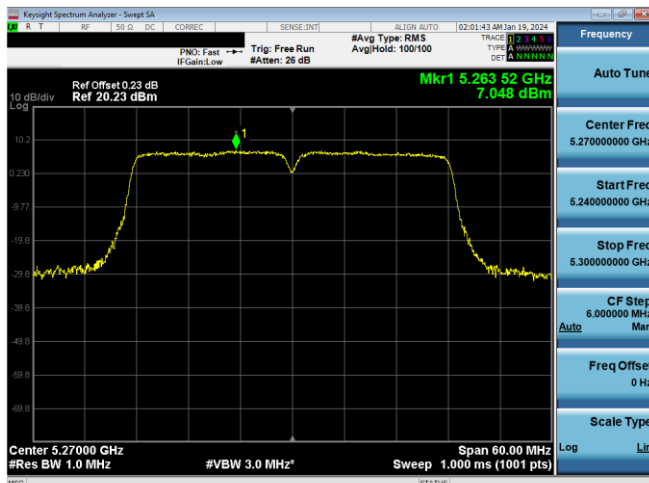
Plot 7-319. PSD Antenna WF7a (40MHz BW 802.11ax(SU) – Ch. 54, MCS11)



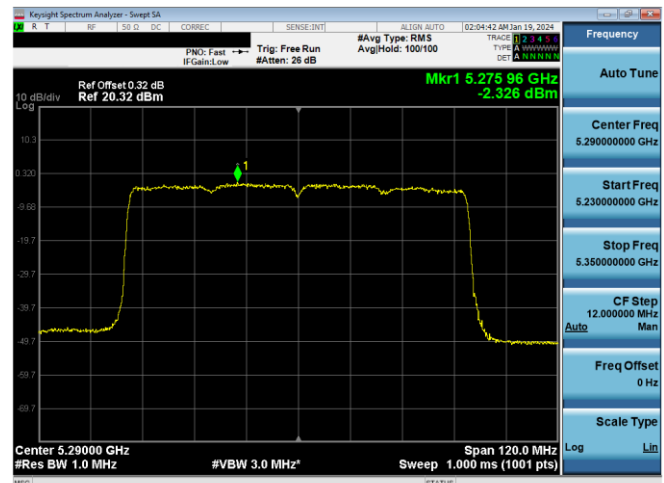
Plot 7-317. PSD Antenna WF7a (20MHz BW 802.11ax(SU) – Ch. 60, MCS11)



Plot 7-320. PSD Antenna WF7a (80MHz BW 802.11ac – Ch. 58, MCS9)

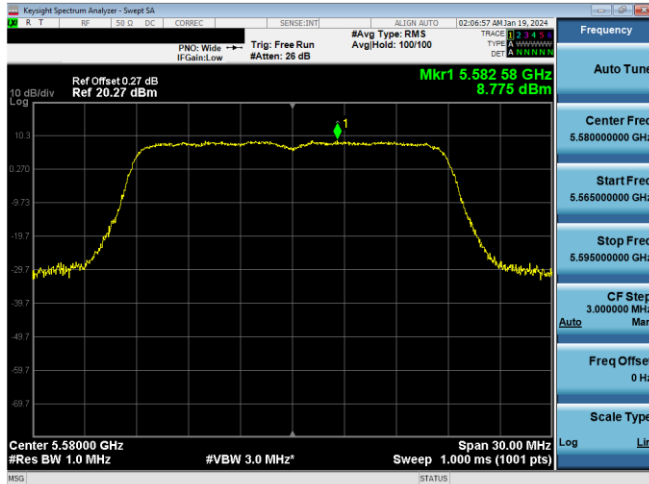


Plot 7-318. PSD Antenna WF7a (40MHz BW 802.11n – Ch. 54, MCS7)

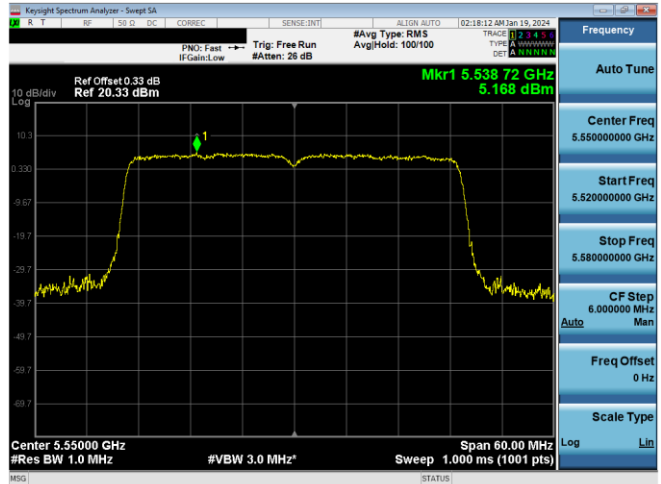


Plot 7-321. PSD Antenna WF7a (80MHz BW 802.11ax(SU) – Ch. 58, MCS11)

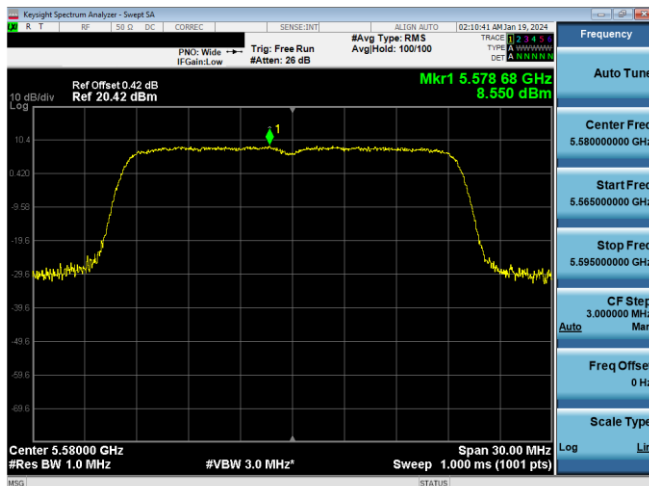
FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-11.BCG	Test Dates: 11/29/2023 - 1/15/2024	EUT Type: Tablet Device	Page 134 of 387



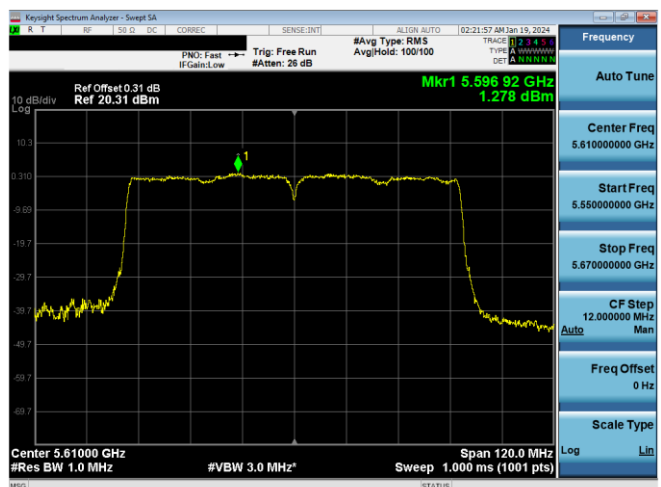
Plot 7-322. PSD Antenna WF7a (20MHz BW 802.11n – Ch. 116, MCS7)



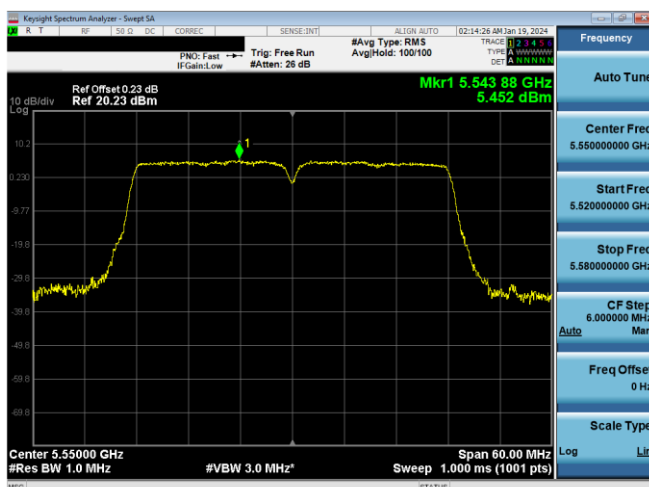
Plot 7-325. PSD Antenna WF7a (40MHz BW 802.11ax(SU) – Ch. 110, MCS11)



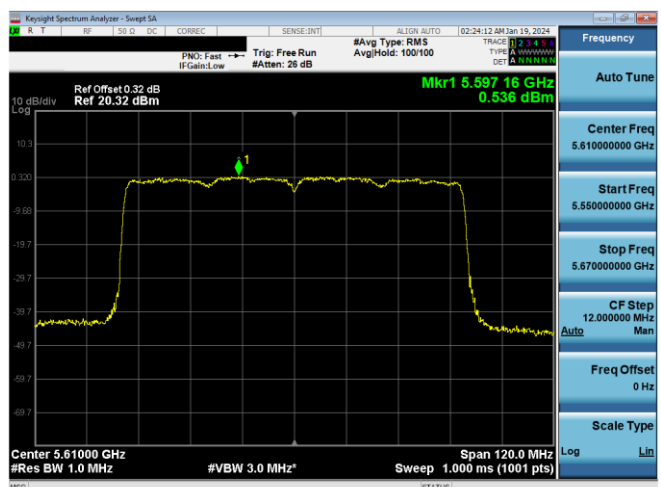
Plot 7-323. PSD Antenna WF7a (20MHz BW 802.11ax(SU) – Ch. 116, MCS11)



Plot 7-326. PSD Antenna WF7a (80MHz BW 802.11ac – Ch. 122, MCS9)

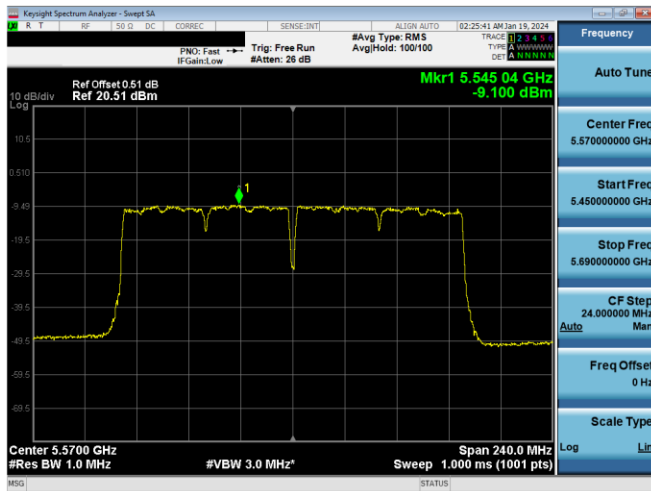


Plot 7-324. PSD Antenna WF7a (40MHz BW 802.11n – Ch. 110, MCS7)

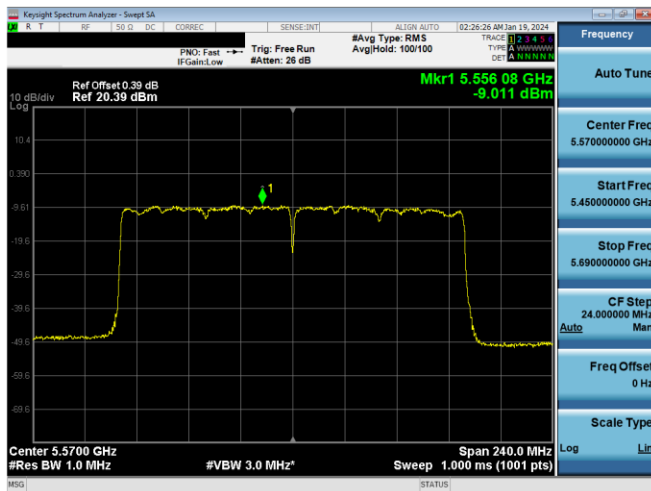


Plot 7-327. PSD Antenna WF7a (80MHz BW 802.11ax(SU) – Ch. 122, MCS11)

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-328. PSD Antenna WF7a (160MHz BW 802.11ac – Ch. 114, MCS9)



Plot 7-329. PSD Antenna WF7a (160MHz BW 802.11ax(SU) – Ch. 114, MCS11)

FCC ID: BCGA2902 IC: 579C-A2902		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2311270063-11.BCG	<b>Test Dates:</b> 11/29/2023 - 1/15/2024	<b>EUT Type:</b> Tablet Device	Page 136 of 387

	Frequency [MHz]	Channel	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)	19.5/21.7 (MCS2)	7.44	30.0	-22.56
	5785	157	n (20MHz)	19.5/21.7 (MCS2)	7.11	30.0	-22.89
	5825	165	n (20MHz)	19.5/21.7 (MCS2)	7.45	30.0	-22.55
	5745	149	ax (SU) (20MHz)	24/25.8 (MCS2)	6.13	30.0	-23.87
	5785	157	ax (SU) (20MHz)	24/25.8 (MCS2)	5.76	30.0	-24.24
	5825	165	ax (SU) (20MHz)	24/25.8 (MCS2)	5.72	30.0	-24.28
	5755	151	n (40MHz)	40.5/45 (MCS2)	5.23	30.0	-24.77
	5795	159	n (40MHz)	40.5/45 (MCS2)	4.87	30.0	-25.13
	5755	151	ax (SU) (40MHz)	49/51.6 (MCS2)	4.06	30.0	-25.94
	5795	159	ax (SU) (40MHz)	49/51.6 (MCS2)	3.27	30.0	-26.73
	5775	155	ac (80MHz)	87.8/97.5 (MCS2)	-0.70	30.0	-30.70
5775	155	ax (SU) (80MHz)	102/108.1 (MCS2)	-2.35	30.0	-32.35	

**Table 7-128. Band 3 Power Spectral Density Measurements Antenna WF7a (Low Data Rate)**

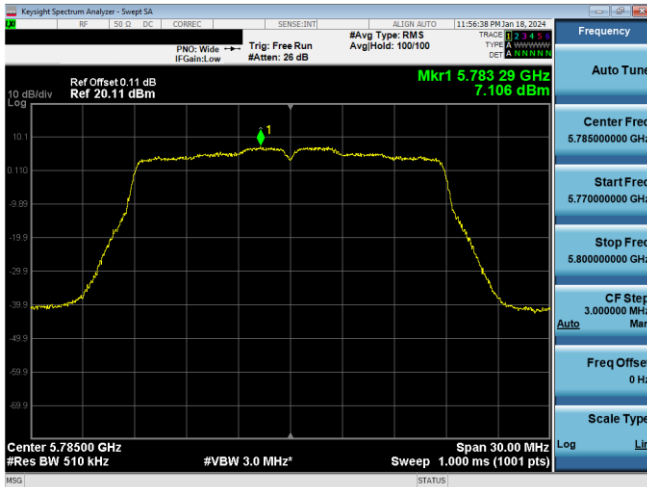
	Frequency [MHz]	Channel	802.11 MODE	Data Rate [Mbps]	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	81/90 (MCS4)	7.77	30.0	-22.23
	5785	157	n (20MHz)	81/90 (MCS4)	7.15	30.0	-22.85
	5825	165	n (20MHz)	81/90 (MCS4)	7.62	30.0	-22.38
	5745	149	ax (SU) (20MHz)	49/51.6 (MCS4)	6.36	30.0	-23.64
	5785	157	ax (SU) (20MHz)	49/51.6 (MCS4)	5.94	30.0	-24.07
	5825	165	ax (SU) (20MHz)	49/51.6 (MCS4)	5.97	30.0	-24.03
	5755	151	n (40MHz)	81/90 (MCS4)	5.37	30.0	-24.63
	5795	159	n (40MHz)	81/90 (MCS4)	5.05	30.0	-24.95
	5755	151	ax (SU) (40MHz)	98/103.2 (MCS4)	4.01	30.0	-25.99
	5795	159	ax (SU) (40MHz)	98/103.2 (MCS4)	3.92	30.0	-26.08
	5775	155	ac (80MHz)	351/390 (MCS4)	-1.61	30.0	-31.61
	5775	155	ax (SU) (80MHz)	408.3/432.4 (MCS4)	-3.10	30.0	-33.10

**Table 7-129. Band 3 Power Spectral Density Measurements Antenna WF7a (Mid Data Rate)**

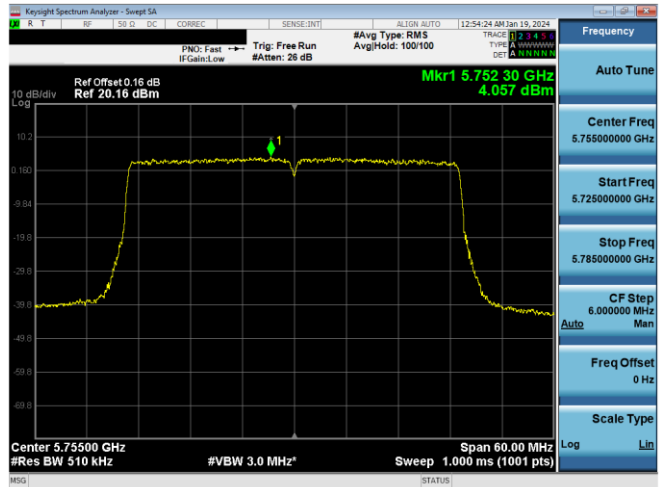
	Frequency [MHz]	Channel	802.11 MODE	Data Rate [Mbps]	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	65/72.2 (MCS7)	6.41	30.0	-23.59
	5785	157	n (20MHz)	65/72.2 (MCS7)	5.96	30.0	-24.04
	5825	165	n (20MHz)	65/72.2 (MCS7)	6.48	30.0	-23.52
	5745	149	ax (SU) (20MHz)	135/143.4 (MCS11)	6.76	30.0	-23.24
	5785	157	ax (SU) (20MHz)	135/143.4 (MCS11)	6.12	30.0	-23.88
	5825	165	ax (SU) (20MHz)	135/143.4 (MCS11)	6.44	30.0	-23.56
	5755	151	n (40MHz)	135/150 (MCS7)	4.12	30.0	-25.88
	5795	159	n (40MHz)	135/150 (MCS7)	3.76	30.0	-26.24
	5755	151	ax (SU) (40MHz)	135/143.4 (MCS11)	4.67	30.0	-25.34
	5795	159	ax (SU) (40MHz)	135/143.4 (MCS11)	4.11	30.0	-25.89
	5775	155	ac (80MHz)	390/433.3 (MCS9)	-2.47	30.0	-32.47
	5775	155	ax (SU) (80MHz)	567/600.5 (MCS11)	-2.86	30.0	-32.86

**Table 7-130. Band 3 Power Spectral Density Measurements Antenna WF7a (High Data Rate)**

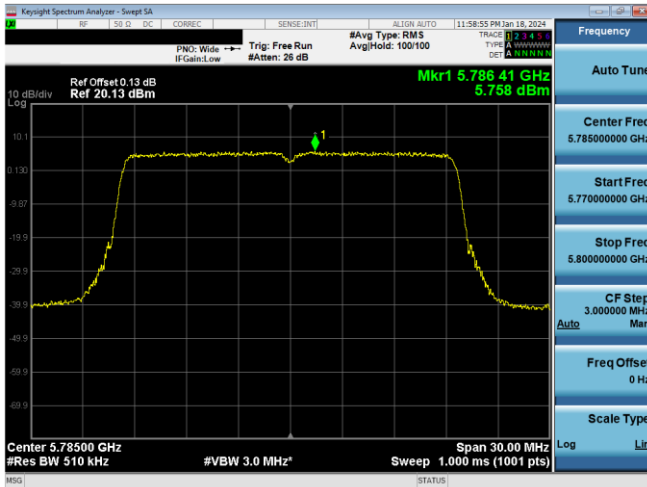
FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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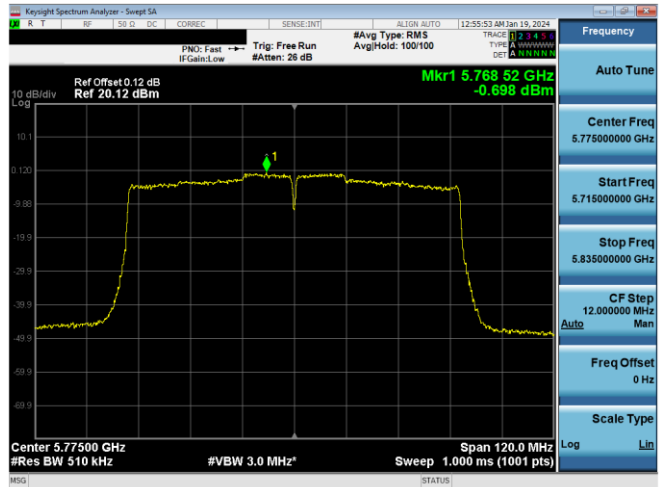
Plot 7-330. PSD Antenna WF7a (20MHz BW 802.11n – Ch. 157, MCS2)



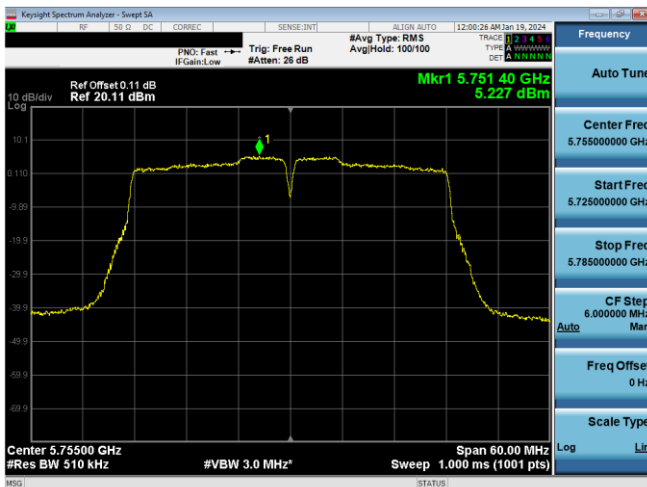
Plot 7-333. PSD Antenna WF7a (40MHz BW 802.11ax(SU) – Ch. 151, MCS2)



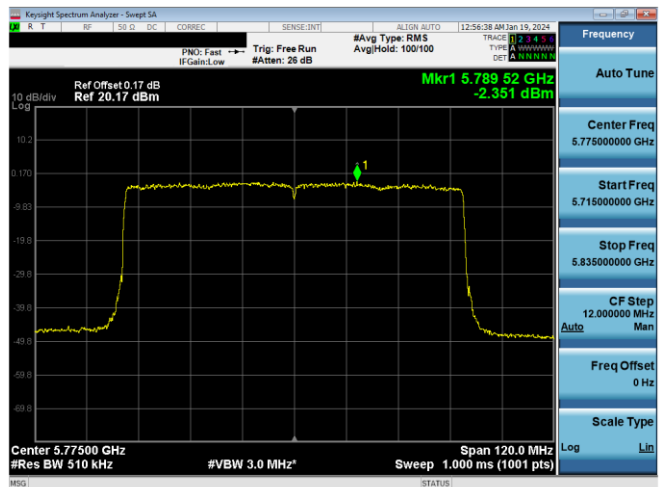
Plot 7-331. PSD Antenna WF7a (20MHz BW 802.11ax(SU) – Ch. 157, MCS2)



Plot 7-334. PSD Antenna WF7a (80MHz BW 802.11ac – Ch. 155, MCS2)



Plot 7-332. PSD Antenna WF7a (40MHz BW 802.11n – Ch. 151, MCS2)



Plot 7-335. PSD Antenna WF7a (80MHz BW 802.11ax SU – Ch. 155, MCS2)

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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