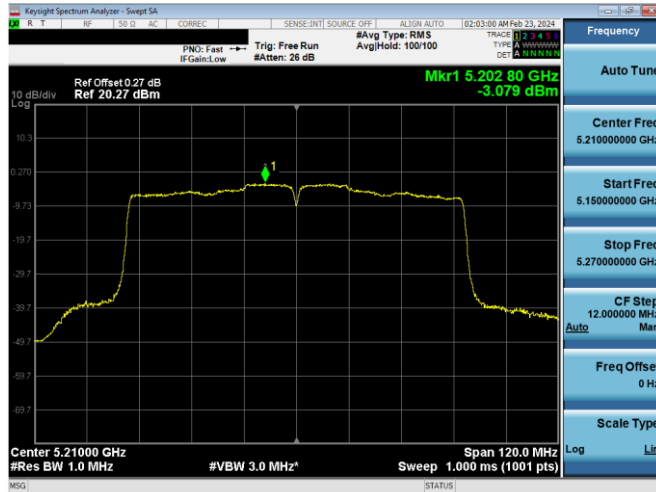
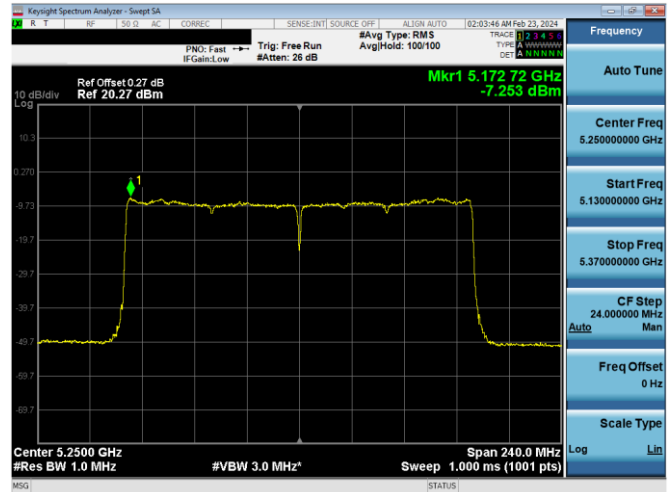
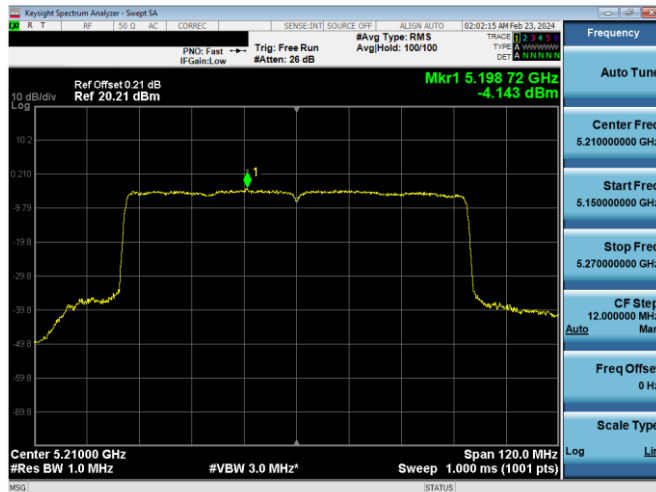




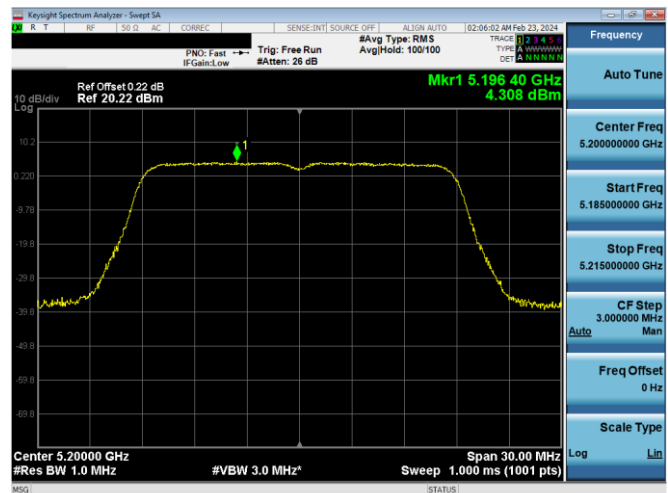
Plot 7-348. ISED PSD Antenna WF5b (80MHz BW 11ac – Ch.42, MCS4)



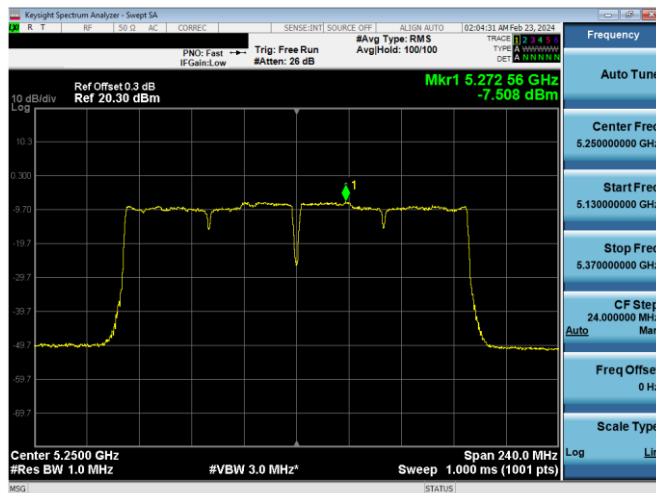
Plot 7-351. ISED PSD Antenna WF5b (160MHz BW 11ax (SU) – Ch.50, MCS4)



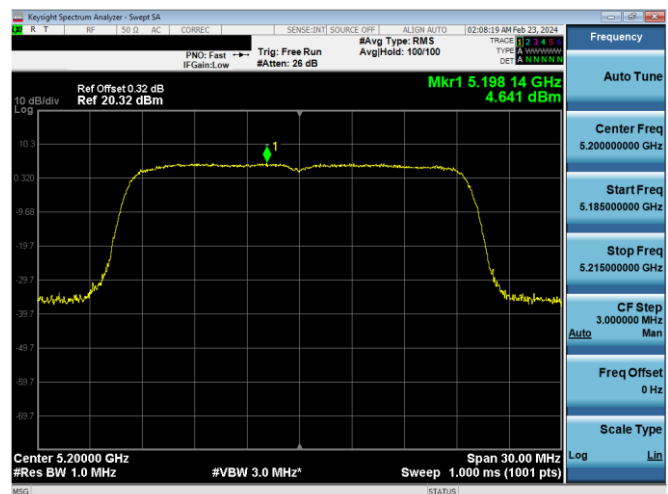
Plot 7-349. ISED PSD Antenna WF5b (80MHz BW 11ax (SU) – Ch.42, MCS4)



Plot 7-352. ISED PSD Antenna WF5b (20MHz BW 11n – Ch.40, MCS7)

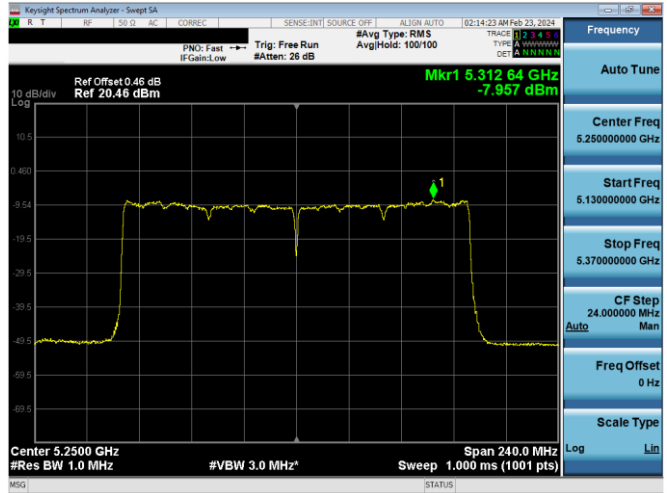
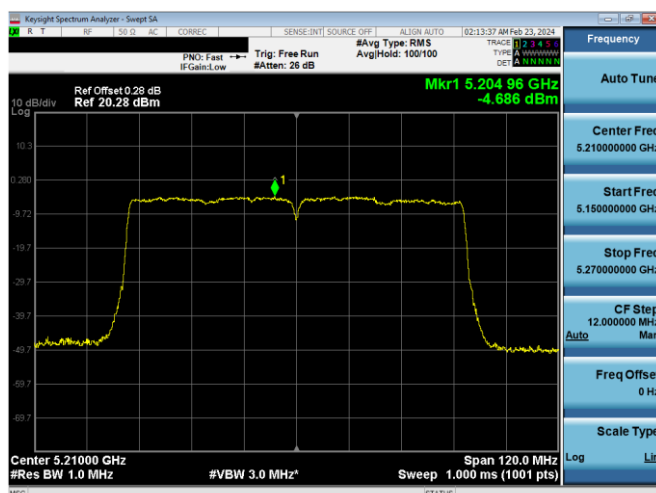
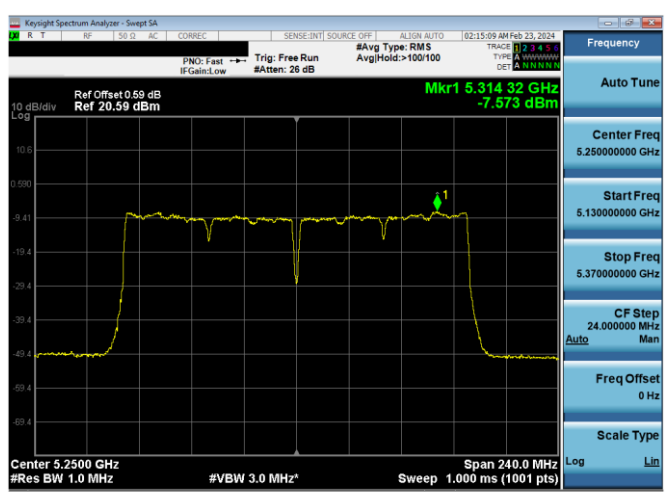
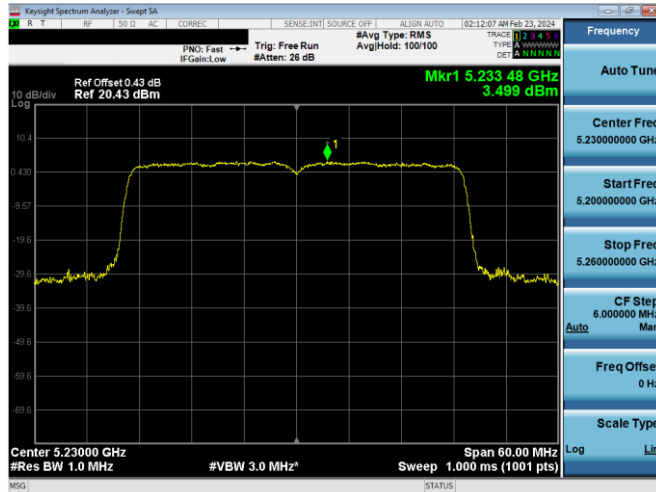
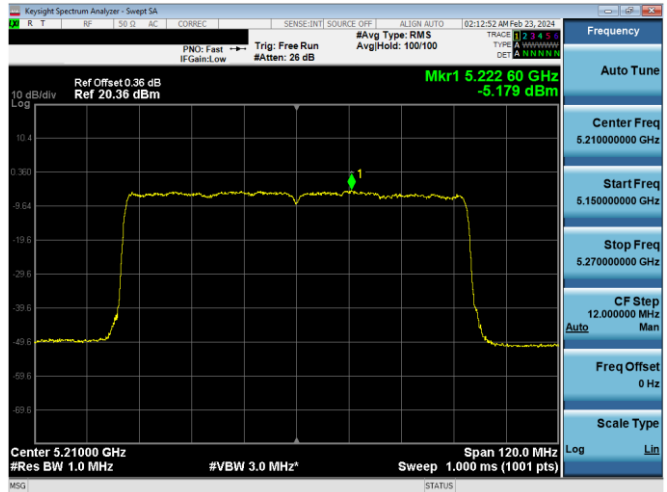
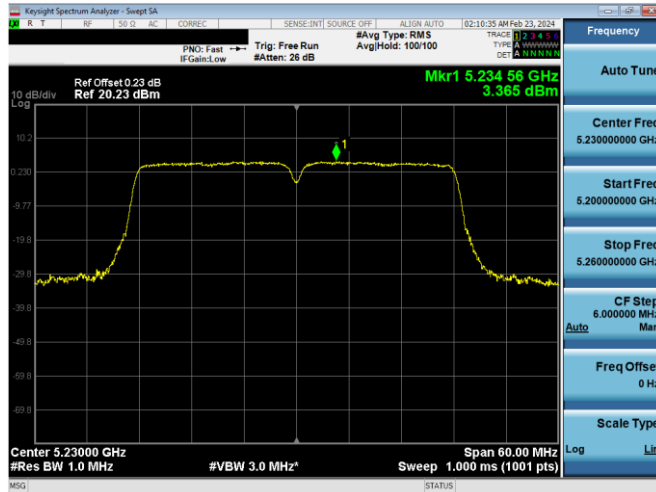


Plot 7-350. ISED PSD Antenna WF5b (160MHz BW 11ac – Ch.50, MCS4)



Plot 7-353. ISED PSD Antenna WF5b (20MHz BW 11ax(SU) – Ch.40, MCS11)

FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-22.BCG	Test Dates: 11/28/2023 - 1/15/2024	EUT Type: Tablet Device	Page 163 of 577



FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-22.BCG	Test Dates: 11/28/2023 - 1/15/2024	EUT Type: Tablet Device	Page 164 of 577

7.5.2 Antenna 4a 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)	7.32	11.00	-3.68
	5200	40	n (20MHz)	19.5/21.7 (MCS2)	7.83	11.00	-3.17
	5240	48	n (20MHz)	19.5/21.7 (MCS2)	7.60	11.00	-3.40
	5180	36	ax (SU) (20MHz)	24/25.8 (MCS2)	4.88	11.00	-6.12
	5200	40	ax (SU) (20MHz)	24/25.8 (MCS2)	6.55	11.00	-4.45
	5240	48	ax (SU) (20MHz)	24/25.8 (MCS2)	6.33	11.00	-4.67
	5190	38	n (40MHz)	40/40.5 (MCS2)	1.18	11.00	-9.82
	5230	46	n (40MHz)	40/40.5 (MCS2)	5.72	11.00	-5.28
	5190	38	ax (SU) (40MHz)	49/51.6 (MCS2)	-0.02	11.00	-11.02
	5230	46	ax (SU) (40MHz)	49/51.6 (MCS2)	4.27	11.00	-6.74
	5210	42	ac (80MHz)	87.8/97.5 (MCS2)	-2.18	11.00	-13.18
	5210	42	ax (SU) (80MHz)	102/108.1 (MCS2)	-3.20	11.00	-14.20
Band 1/2	5250	50	ac (160MHz)	87.8/97.5 (MCS2)	-6.59	11.00	-17.59
	5250	50	ax (SU) (160MHz)	102/108.1 (MCS2)	-7.40	11.00	-18.40
Band 2A	5260	52	n (20MHz)	19.5/21.7 (MCS2)	7.41	11.00	-3.59
	5300	60	n (20MHz)	19.5/21.7 (MCS2)	7.65	11.00	-3.35
	5320	64	n (20MHz)	19.5/21.7 (MCS2)	7.74	11.00	-3.27
	5260	52	ax (SU) (20MHz)	24/25.8 (MCS2)	6.07	11.00	-4.93
	5300	60	ax (SU) (20MHz)	24/25.8 (MCS2)	6.08	11.00	-4.92
	5320	64	ax (SU) (20MHz)	24/25.8 (MCS2)	6.39	11.00	-4.62
	5270	54	n (40MHz)	40/40.5 (MCS2)	5.43	11.00	-5.57
	5310	62	n (40MHz)	40/40.5 (MCS2)	3.79	11.00	-7.21
	5270	54	ax (SU) (40MHz)	49/51.6 (MCS2)	4.13	11.00	-6.88
	5310	62	ax (SU) (40MHz)	49/51.6 (MCS2)	1.61	11.00	-9.39
	5290	58	ac (80MHz)	87.8/97.5 (MCS2)	-0.47	11.00	-11.47
	5290	58	ax (SU) (80MHz)	102/108.1 (MCS2)	-1.71	11.00	-12.71
	5500	100	n (20MHz)	19.5/21.7 (MCS2)	6.89	11.00	-4.11
	5580	116	n (20MHz)	19.5/21.7 (MCS2)	7.06	11.00	-3.94
	*5600	120	n (20MHz)	19.5/21.7 (MCS2)	6.97	11.00	-4.03
	5700	140	n (20MHz)	19.5/21.7 (MCS2)	8.00	11.00	-3.00
Band 2C	5720	144	n (20MHz)	19.5/21.7 (MCS2)	6.27	11.00	-4.73
	5500	100	ax (SU) (20MHz)	24/25.8 (MCS2)	4.34	11.00	-6.66
	5580	116	ax (SU) (20MHz)	24/25.8 (MCS2)	5.50	11.00	-5.50
	*5600	120	ax (SU) (20MHz)	24/25.8 (MCS2)	5.59	11.00	-5.41
	5700	140	ax (SU) (20MHz)	24/25.8 (MCS2)	5.33	11.00	-5.67
	5720	144	ax (SU) (20MHz)	24/25.8 (MCS2)	4.94	11.00	-6.06
	5510	102	n (40MHz)	40/40.5 (MCS2)	3.52	11.00	-7.48
	5550	110	n (40MHz)	40/40.5 (MCS2)	4.87	11.00	-6.13
	*5590	118	n (40MHz)	40/40.5 (MCS2)	4.30	11.00	-6.70
	5670	134	n (40MHz)	40/40.5 (MCS2)	4.82	11.00	-6.18
	5710	142	n (40MHz)	40/40.5 (MCS2)	4.68	11.00	-6.32
	5510	102	ax (SU) (40MHz)	49/51.6 (MCS2)	0.54	11.00	-10.46
	5550	110	ax (SU) (40MHz)	49/51.6 (MCS2)	3.65	11.00	-7.35
	*5590	118	ax (SU) (40MHz)	49/51.6 (MCS2)	2.97	11.00	-8.03
	5670	134	ax (SU) (40MHz)	49/51.6 (MCS2)	2.43	11.00	-8.57
	5710	142	ax (SU) (40MHz)	49/51.6 (MCS2)	2.90	11.00	-8.10
	5530	106	ac (80MHz)	87.8/97.5 (MCS2)	-1.48	11.00	-12.48
	*5610	122	ac (80MHz)	87.8/97.5 (MCS2)	0.99	11.00	-10.01
	5690	138	ac (80MHz)	87.8/97.5 (MCS2)	0.59	11.00	-10.41
	5530	106	ax (SU) (80MHz)	102/108.1 (MCS2)	-3.19	11.00	-14.19
	*5610	122	ax (SU) (80MHz)	102/108.1 (MCS2)	0.02	11.00	-10.98
	5690	138	ax (SU) (80MHz)	102/108.1 (MCS2)	-0.49	11.00	-11.49
	*5570	114	ac (160MHz)	87.8/97.5 (MCS2)	-8.12	11.00	-19.12
	*5570	114	ax (SU) (160MHz)	102/108.1 (MCS2)	-9.31	11.00	-20.31

Table 7-209. Power Spectral Density Measurements Antenna 4a (Low Data Rate)

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

FCC ID: BCGA2837 IC: 579C-A2837	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270068-22.BCG	Test Dates: 11/28/2023 - 1/15/2024	EUT Type: Tablet Device	Page 165 of 577

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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)	6.29	11.00	-4.71
	5200	40	n (20MHz)	39/43.3 (MCS4)	8.04	11.00	-2.96
	5240	48	n (20MHz)	39/43.3 (MCS4)	7.59	11.00	-3.41
	5180	36	ax (SU) (20MHz)	49/51.6 (MCS4)	4.10	11.00	-6.90
	5200	40	ax (SU) (20MHz)	49/51.6 (MCS4)	6.83	11.00	-4.17
	5240	48	ax (SU) (20MHz)	49/51.6 (MCS4)	6.46	11.00	-4.54
	5190	38	n (40MHz)	81/90 (MCS4)	1.09	11.00	-9.91
	5230	46	n (40MHz)	81/90 (MCS4)	5.87	11.00	-5.13
	5190	38	ax (SU) (40MHz)	98/103.2 (MCS4)	-0.06	11.00	-11.06
	5230	46	ax (SU) (40MHz)	98/103.2 (MCS4)	4.44	11.00	-6.56
	5210	42	ac (80MHz)	175.5/195 (MCS4)	-2.53	11.00	-13.53
	5210	42	ax (SU) (80MHz)	204/216.2 (MCS4)	-3.13	11.00	-14.13
Band 1/2	5250	50	ac (160MHz)	175.5/195 (MCS4)	-7.30	11.00	-18.30
	5250	50	ax (SU) (160MHz)	204/216.2 (MCS4)	-7.68	11.00	-18.68
Band 2A	5260	52	n (20MHz)	39/43.3 (MCS4)	7.62	11.00	-3.38
	5300	60	n (20MHz)	39/43.3 (MCS4)	7.70	11.00	-3.30
	5320	64	n (20MHz)	39/43.3 (MCS4)	7.21	11.00	-3.79
	5260	52	ax (SU) (20MHz)	49/51.6 (MCS4)	6.22	11.00	-4.78
	5300	60	ax (SU) (20MHz)	49/51.6 (MCS4)	6.38	11.00	-4.62
	5320	64	ax (SU) (20MHz)	49/51.6 (MCS4)	4.96	11.00	-6.04
	5270	54	n (40MHz)	81/90 (MCS4)	5.64	11.00	-5.36
	5310	62	n (40MHz)	81/90 (MCS4)	2.68	11.00	-8.32
	5270	54	ax (SU) (40MHz)	98/103.2 (MCS4)	4.23	11.00	-6.77
	5310	62	ax (SU) (40MHz)	98/103.2 (MCS4)	0.81	11.00	-10.19
	5290	58	ac (80MHz)	175.5/195 (MCS4)	-1.39	11.00	-12.39
	5290	58	ax (SU) (80MHz)	204/216.2 (MCS4)	-2.53	11.00	-13.53
Band 2C	5500	100	n (20MHz)	39/43.3 (MCS4)	5.42	11.00	-5.59
	5580	116	n (20MHz)	39/43.3 (MCS4)	7.05	11.00	-3.96
	*5600	120	n (20MHz)	39/43.3 (MCS4)	7.13	11.00	-3.87
	5700	140	n (20MHz)	39/43.3 (MCS4)	6.86	11.00	-4.14
	5720	144	n (20MHz)	39/43.3 (MCS4)	6.53	11.00	-4.48
	5500	100	ax (SU) (20MHz)	49/51.6 (MCS4)	3.44	11.00	-7.56
	5580	116	ax (SU) (20MHz)	49/51.6 (MCS4)	5.65	11.00	-5.35
	*5600	120	ax (SU) (20MHz)	49/51.6 (MCS4)	5.60	11.00	-5.40
	5700	140	ax (SU) (20MHz)	49/51.6 (MCS4)	4.38	11.00	-6.62
	5720	144	ax (SU) (20MHz)	49/51.6 (MCS4)	5.18	11.00	-5.82
	5510	102	n (40MHz)	81/90 (MCS4)	1.37	11.00	-9.63
	5550	110	n (40MHz)	81/90 (MCS4)	4.77	11.00	-6.23
	*5590	118	n (40MHz)	81/90 (MCS4)	5.01	11.00	-6.00
	5670	134	n (40MHz)	81/90 (MCS4)	5.94	11.00	-5.06
	5710	142	n (40MHz)	81/90 (MCS4)	4.96	11.00	-6.04
	5510	102	ax (SU) (40MHz)	98/103.2 (MCS4)	-0.75	11.00	-11.75
	5550	110	ax (SU) (40MHz)	98/103.2 (MCS4)	2.79	11.00	-8.21
	*5590	118	ax (SU) (40MHz)	98/103.2 (MCS4)	2.75	11.00	-8.25
	5670	134	ax (SU) (40MHz)	98/103.2 (MCS4)	2.89	11.00	-8.11
	5710	142	ax (SU) (40MHz)	98/103.2 (MCS4)	2.90	11.00	-8.10
	5530	106	ac (80MHz)	175.5/195 (MCS4)	-2.48	11.00	-13.48
	*5610	122	ac (80MHz)	175.5/195 (MCS4)	0.61	11.00	-10.39
	5690	138	ac (80MHz)	175.5/195 (MCS4)	0.71	11.00	-10.30
	5530	106	ax (SU) (80MHz)	204/216.2 (MCS4)	-4.39	11.00	-15.39
	*5610	122	ax (SU) (80MHz)	204/216.2 (MCS4)	-1.39	11.00	-12.39
	5690	138	ax (SU) (80MHz)	204/216.2 (MCS4)	-0.22	11.00	-11.22
	*5570	114	ac (160MHz)	175.5/195 (MCS4)	-8.47	11.00	-19.47
	*5570	114	ax (SU) (160MHz)	204/216.2 (MCS4)	-9.45	11.00	-20.45

Table 7-210. Power Spectral Density Measurements Antenna 4a (Mid Data Rate)

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

FCC ID: BCGA2837 IC: 579C-A2837	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270068-22.BCG	Test Dates: 11/28/2023 - 1/15/2024	EUT Type: Tablet Device	Page 166 of 577

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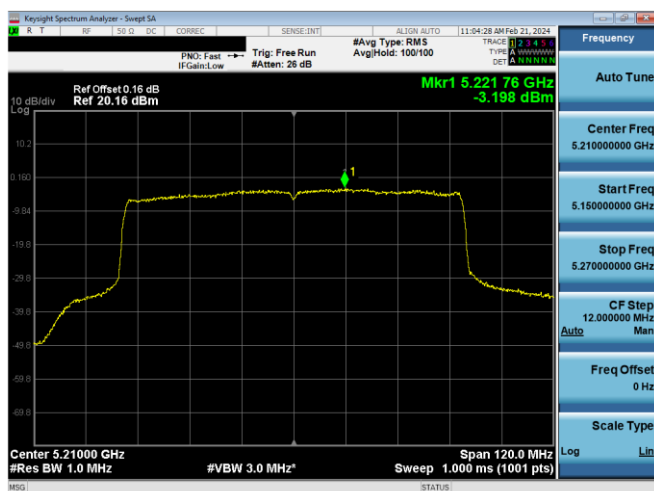
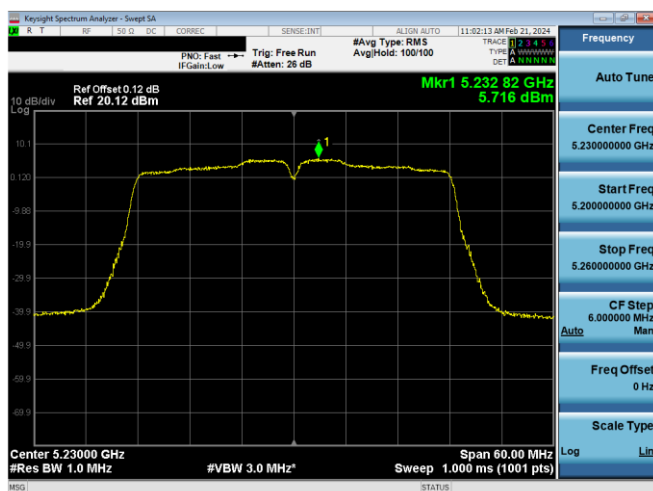
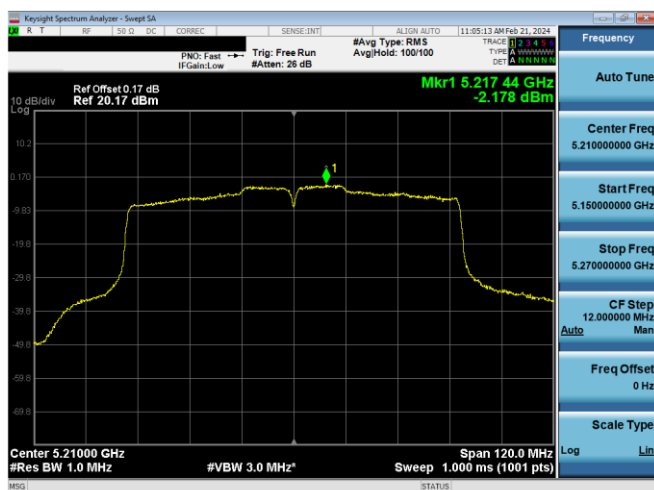
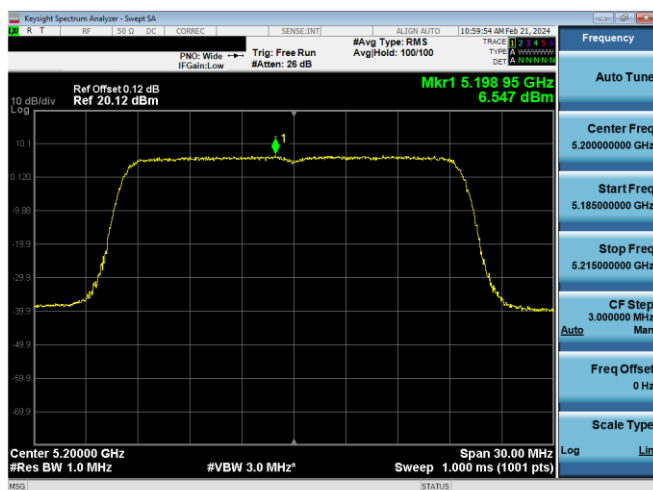
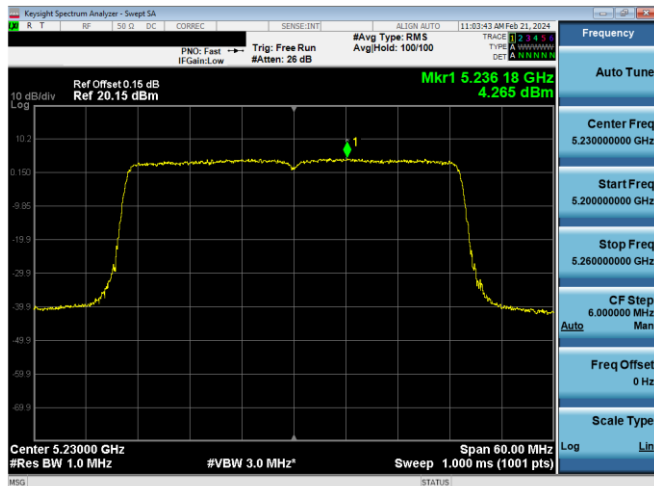
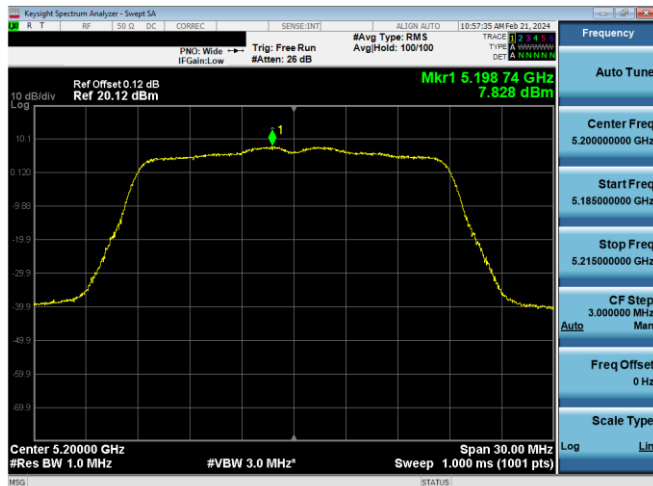
	Frequency [MHz]	Channel No.	802.11 MODE	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	65/72.2 (MCS7)	4.33	11.00	-6.68
	5200	40	n (20MHz)	65/72.2 (MCS7)	6.87	11.00	-4.13
	5240	48	n (20MHz)	65/72.2 (MCS7)	6.37	11.00	-4.63
	5180	36	ax (SU) (20MHz)	135/143.4 (MCS11)	3.68	11.00	-7.32
	5200	40	ax (SU) (20MHz)	135/143.4 (MCS11)	6.75	11.00	-4.26
	5240	48	ax (SU) (20MHz)	135/143.4 (MCS11)	6.23	11.00	-4.77
	5190	38	n (40MHz)	135/150 (MCS7)	-0.23	11.00	-11.23
	5230	46	n (40MHz)	135/150 (MCS7)	4.53	11.00	-6.47
	5190	38	ax (SU) (40MHz)	271/286 (MCS11)	-0.94	11.00	-11.94
	5230	46	ax (SU) (40MHz)	271/286 (MCS11)	4.43	11.00	-6.57
	5210	42	ac (80MHz)	390/433.3 (MCS9)	-4.01	11.00	-15.01
	5210	42	ax (SU) (80MHz)	567/600.5 (MCS11)	-4.95	11.00	-15.95
Band 1/2	5250	50	ac (160MHz)	390/433.3 (MCS9)	-8.98	11.00	-19.98
	5250	50	ax (SU) (160MHz)	567/600.5 (MCS11)	-8.08	11.00	-19.08
Band 2A	5260	52	n (20MHz)	65/72.2 (MCS7)	6.41	11.00	-4.60
	5300	60	n (20MHz)	65/72.2 (MCS7)	6.45	11.00	-4.55
	5320	64	n (20MHz)	65/72.2 (MCS7)	4.65	11.00	-6.35
	5260	52	ax (SU) (20MHz)	135/143.4 (MCS11)	6.21	11.00	-4.80
	5300	60	ax (SU) (20MHz)	135/143.4 (MCS11)	6.32	11.00	-4.68
	5320	64	ax (SU) (20MHz)	135/143.4 (MCS11)	4.26	11.00	-6.74
	5270	54	n (40MHz)	135/150 (MCS7)	4.28	11.00	-6.72
	5310	62	n (40MHz)	135/150 (MCS7)	-0.18	11.00	-11.18
	5270	54	ax (SU) (40MHz)	271/286 (MCS11)	4.18	11.00	-6.82
	5310	62	ax (SU) (40MHz)	271/286 (MCS11)	-0.85	11.00	-11.85
	5290	58	ac (80MHz)	390/433.3 (MCS9)	-3.49	11.00	-14.49
	5290	58	ax (SU) (80MHz)	567/600.5 (MCS11)	-3.42	11.00	-14.42
Band 2C	5500	100	n (20MHz)	65/72.2 (MCS7)	2.55	11.00	-8.45
	5580	116	n (20MHz)	65/72.2 (MCS7)	5.86	11.00	-5.14
	*5600	120	n (20MHz)	65/72.2 (MCS7)	5.74	11.00	-5.27
	5700	140	n (20MHz)	65/72.2 (MCS7)	3.49	11.00	-7.51
	5720	144	n (20MHz)	65/72.2 (MCS7)	5.13	11.00	-5.88
	5500	100	ax (SU) (20MHz)	135/143.4 (MCS11)	2.16	11.00	-8.84
	5580	116	ax (SU) (20MHz)	135/143.4 (MCS11)	5.58	11.00	-5.42
	*5600	120	ax (SU) (20MHz)	135/143.4 (MCS11)	5.58	11.00	-5.42
	5700	140	ax (SU) (20MHz)	135/143.4 (MCS11)	3.25	11.00	-7.75
	5720	144	ax (SU) (20MHz)	135/143.4 (MCS11)	5.04	11.00	-5.96
	5510	102	n (40MHz)	135/150 (MCS7)	-2.30	11.00	-13.30
	5550	110	n (40MHz)	135/150 (MCS7)	1.94	11.00	-9.06
	*5590	118	n (40MHz)	135/150 (MCS7)	3.15	11.00	-7.85
	5670	134	n (40MHz)	135/150 (MCS7)	1.69	11.00	-9.31
	5710	142	n (40MHz)	135/150 (MCS7)	2.81	11.00	-8.19
	5510	102	ax (SU) (40MHz)	271/286 (MCS11)	-2.32	11.00	-13.32
	5550	110	ax (SU) (40MHz)	271/286 (MCS11)	2.13	11.00	-8.87
	*5590	118	ax (SU) (40MHz)	271/286 (MCS11)	3.08	11.00	-7.92
	5670	134	ax (SU) (40MHz)	271/286 (MCS11)	-0.45	11.00	-11.45
	5710	142	ax (SU) (40MHz)	271/286 (MCS11)	2.95	11.00	-8.05
	5530	106	ac (80MHz)	390/433.3 (MCS9)	-5.48	11.00	-16.48
	*5610	122	ac (80MHz)	390/433.3 (MCS9)	-0.28	11.00	-11.28
	5690	138	ac (80MHz)	390/433.3 (MCS9)	-0.39	11.00	-11.39
	5530	106	ax (SU) (80MHz)	567/600.5 (MCS11)	-5.68	11.00	-16.68
	*5610	122	ax (SU) (80MHz)	567/600.5 (MCS11)	-2.31	11.00	-13.31
	5690	138	ax (SU) (80MHz)	567/600.5 (MCS11)	-0.19	11.00	-11.19
	*5570	114	ac (160MHz)	390/433.3 (MCS9)	-10.53	11.00	-21.53
	*5570	114	ax (SU) (160MHz)	567/600.5 (MCS11)	-10.89	11.00	-21.89

Table 7-211. Power Spectral Density Measurements Antenna 4a (High Data Rate)

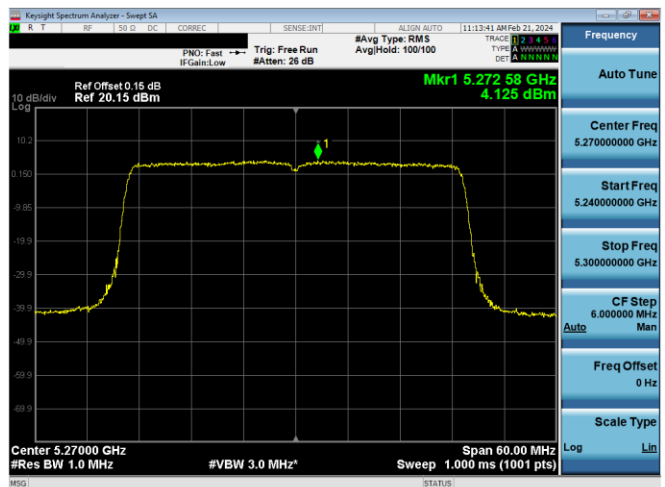
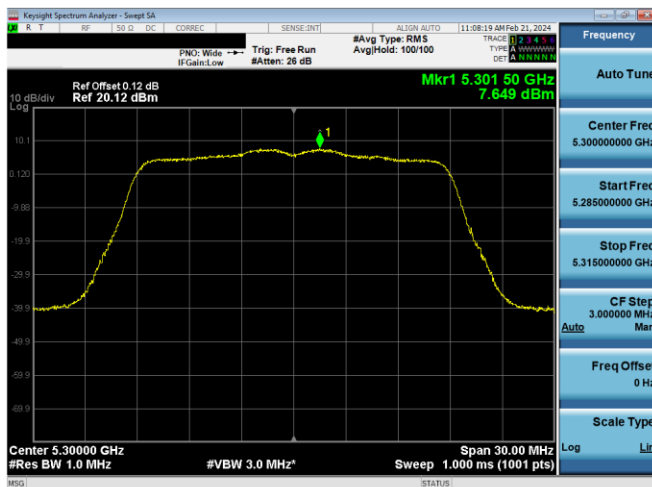
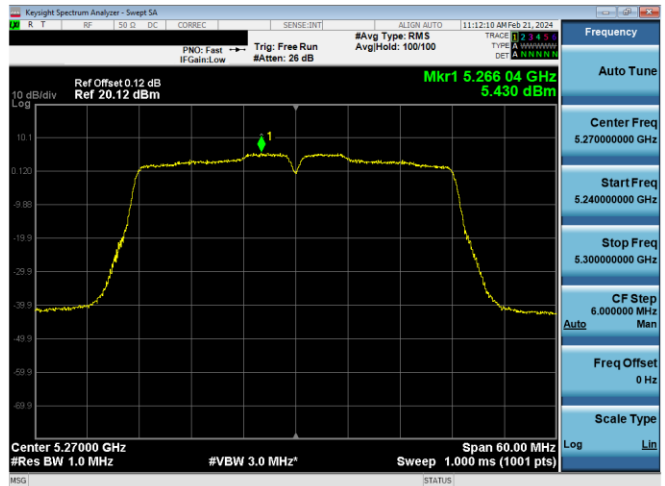
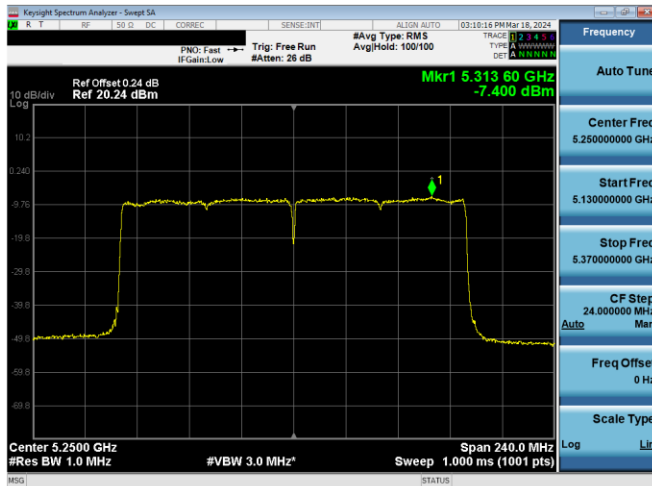
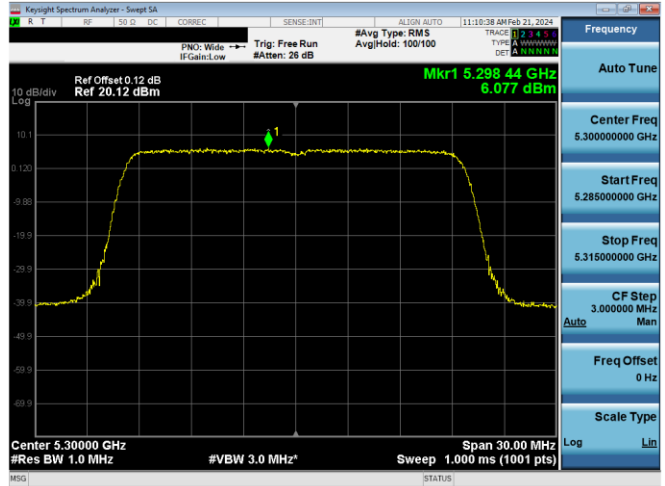
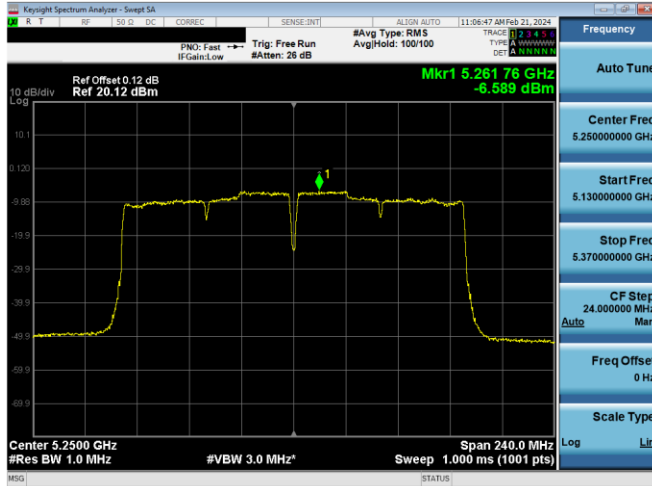
*TDWR channel is not supported for ISSED (denoted by a * next to the frequency)

FCC ID: BCGA2837 IC: 579C-A2837	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270068-22.BCG	Test Dates: 11/28/2023 - 1/15/2024	EUT Type: Tablet Device	Page 167 of 577

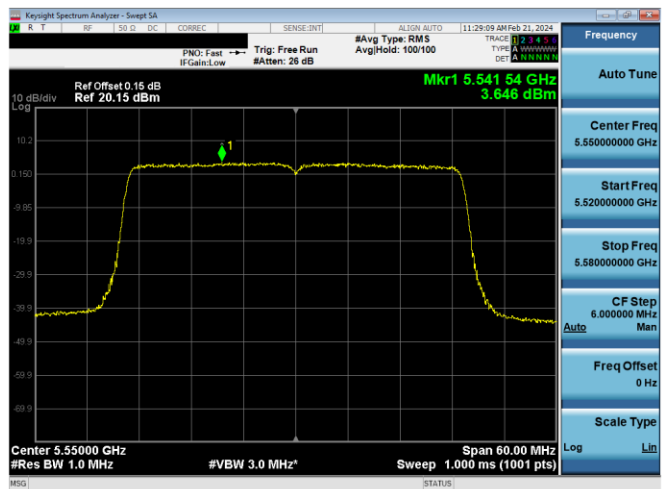
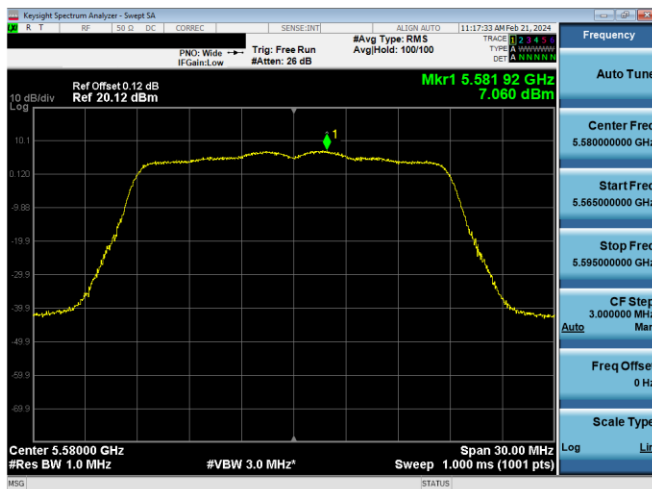
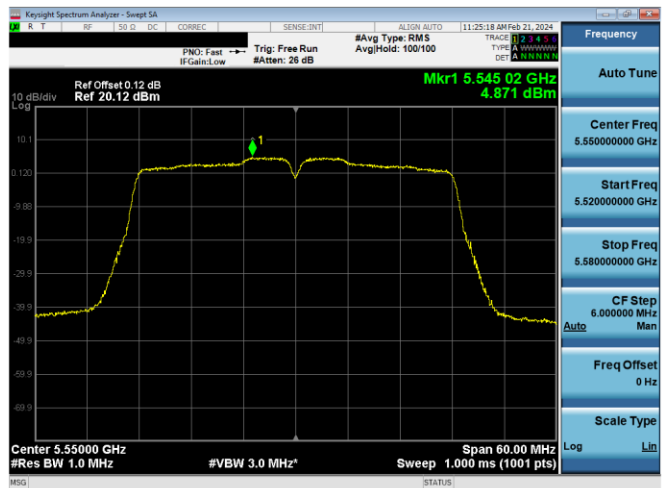
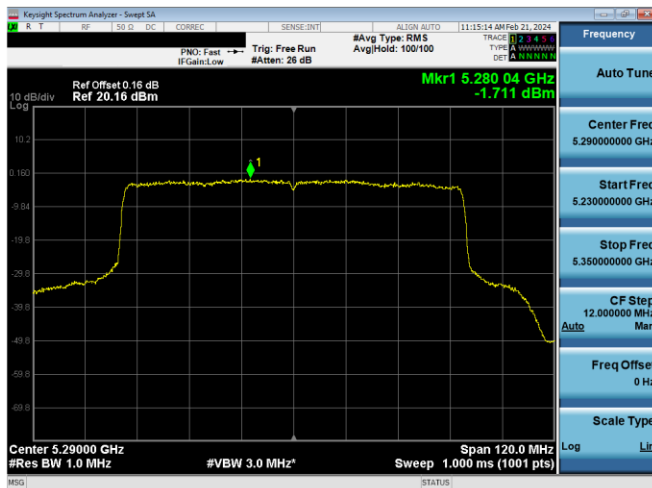
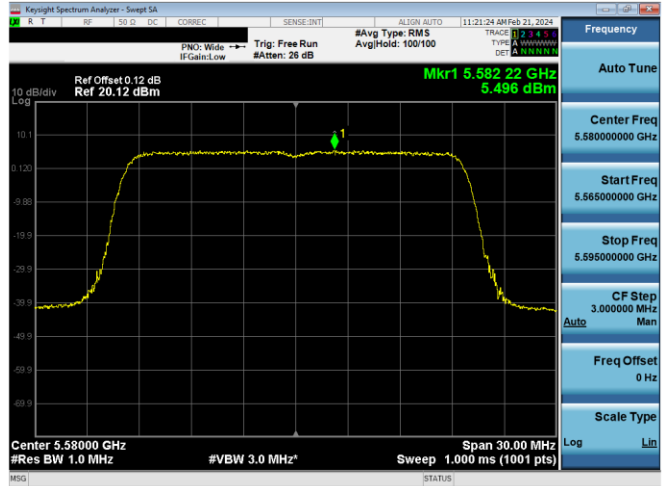
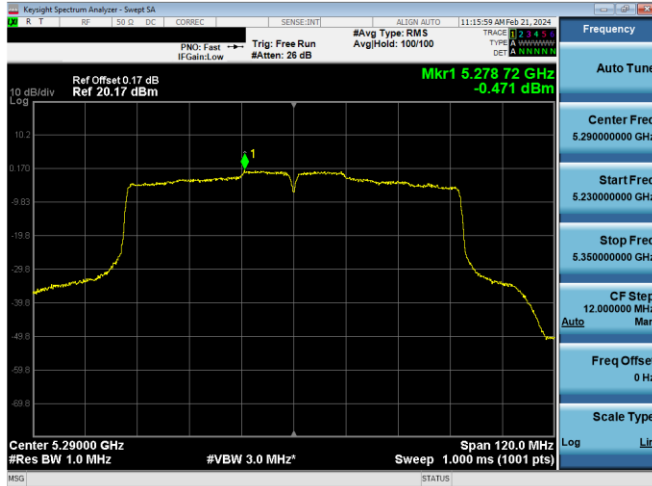
V 10.5 12/15/2021



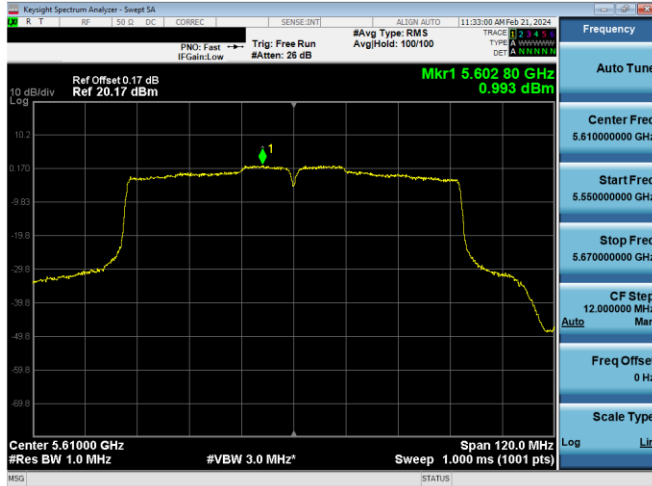
FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-22.BCG	Test Dates: 11/28/2023 - 1/15/2024	EUT Type: Tablet Device	Page 168 of 577



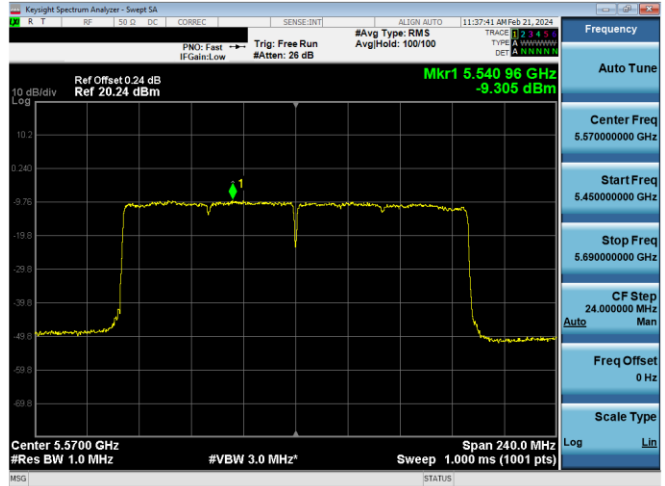
FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-22.BCG	Test Dates: 11/28/2023 - 1/15/2024	EUT Type: Tablet Device	Page 169 of 577



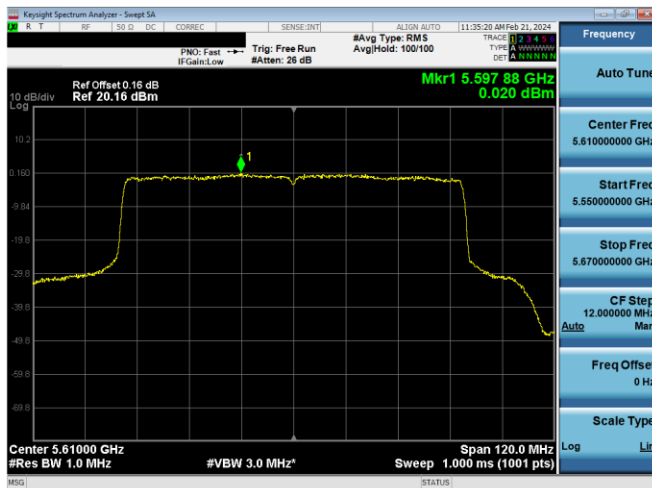
FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-22.BCG	Test Dates: 11/28/2023 - 1/15/2024	EUT Type: Tablet Device	Page 170 of 577



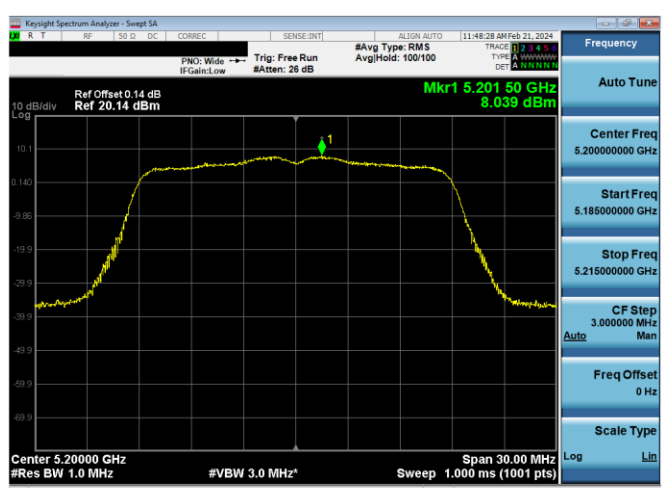
Plot 7-378. PSD Antenna 4a (80MHz BW 802.11ac – Ch. 122, MCS2)



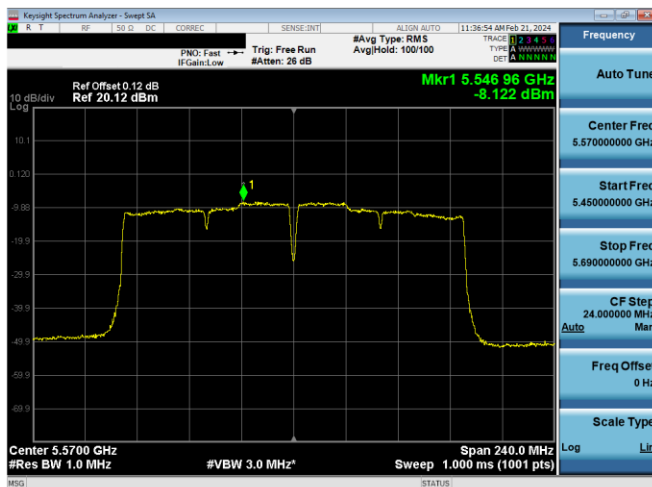
Plot 7-381. PSD Antenna 4a (160MHz BW 802.11ax(SU) – Ch. 114, MCS2)



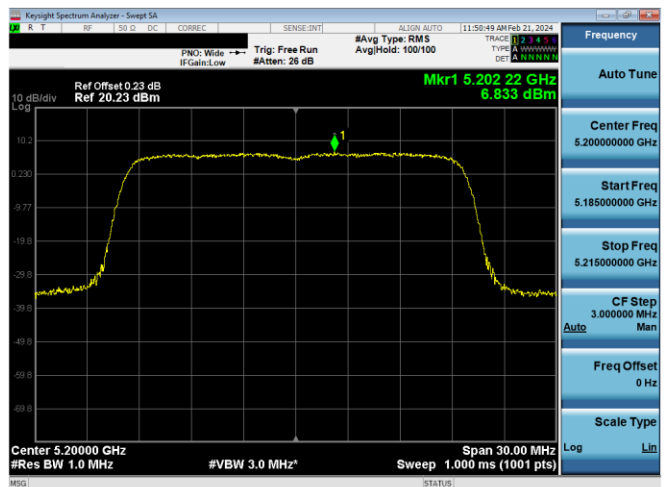
Plot 7-379. PSD Antenna 4a (80MHz BW 802.11ax(SU) – Ch. 122, MCS2)



Plot 7-382. PSD Antenna 4a (20MHz BW 802.11n – Ch. 40, MCS4)

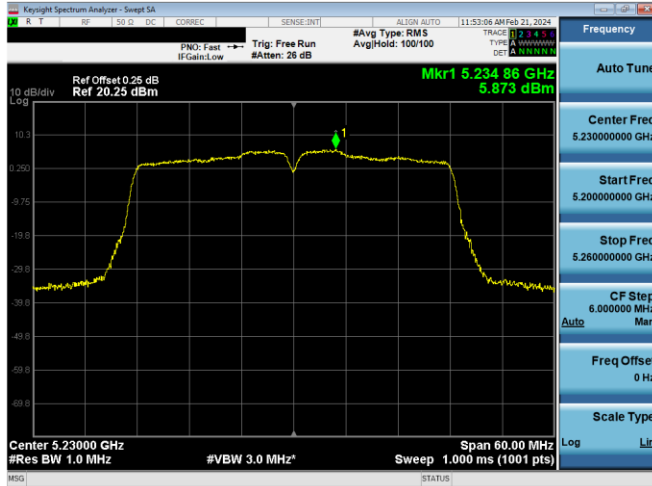


Plot 7-380. PSD Antenna 4a (160MHz BW 802.11ac – Ch. 114, MCS2)

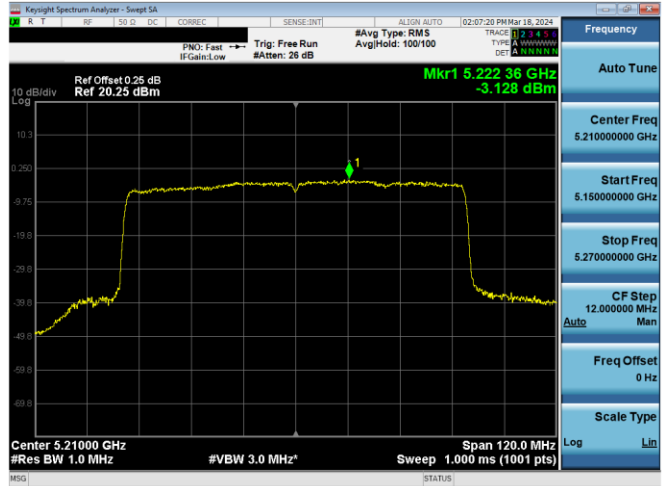


Plot 7-383. PSD Antenna 4a (20MHz BW 802.11ax(SU) – Ch. 40, MCS4)

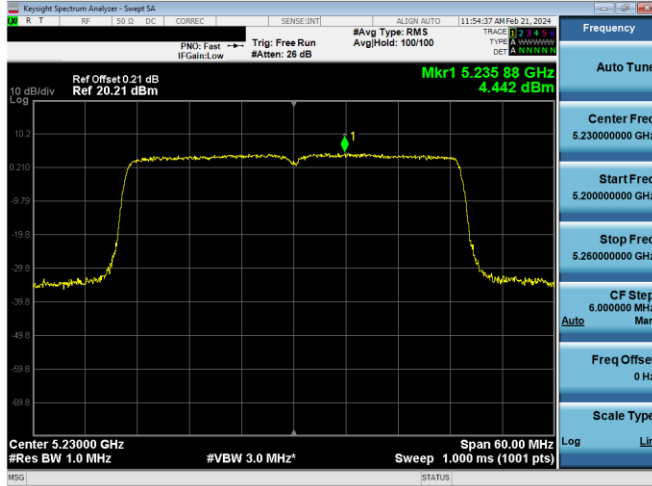
FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-22.BCG	Test Dates: 11/28/2023 - 1/15/2024	EUT Type: Tablet Device	Page 171 of 577



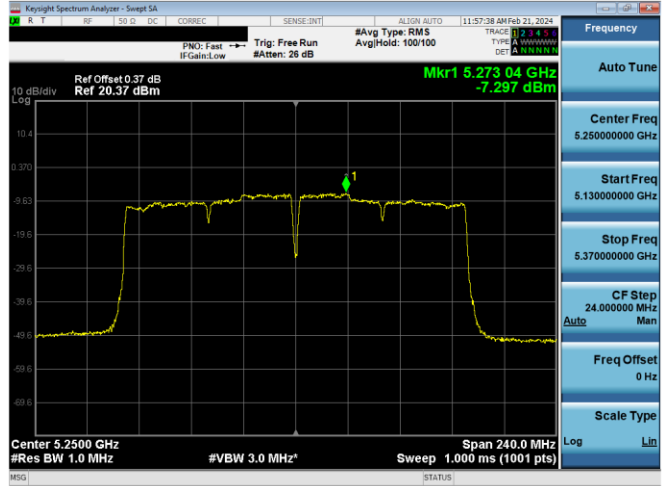
Plot 7-384. PSD Antenna 4a (40MHz BW 802.11n – Ch. 46, MCS4)



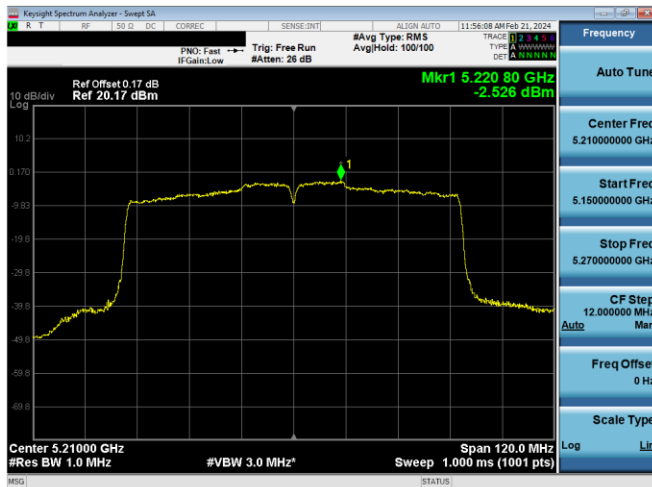
Plot 7-387. PSD Antenna 4a (80MHz BW 802.11ax(SU) – Ch. 42, MCS4)



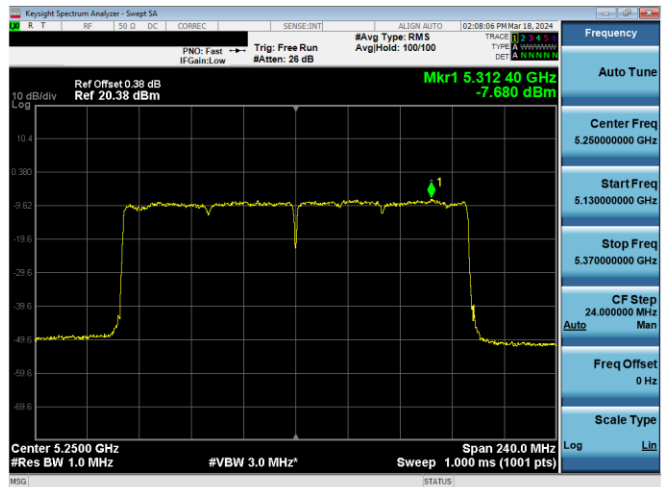
Plot 7-385. PSD Antenna 4a (40MHz BW 802.11ax(SU) – Ch. 46, MCS4)



Plot 7-388. PSD Antenna 4a (160MHz BW 802.11ax – Ch. 50, MCS4)

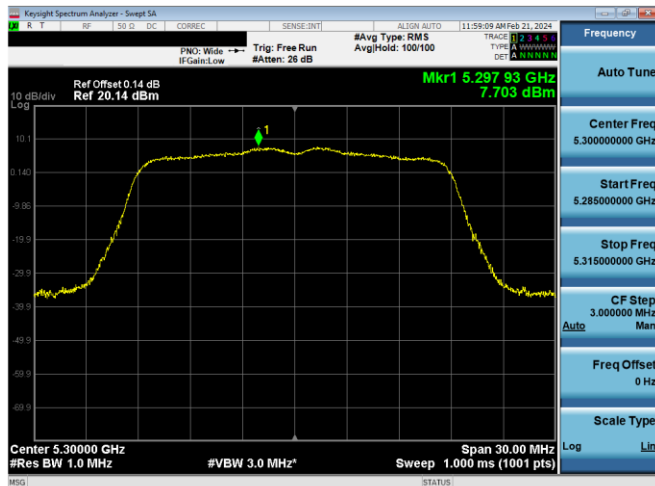


Plot 7-386. PSD Antenna 4a (80MHz BW 802.11ac – Ch. 42, MCS4)

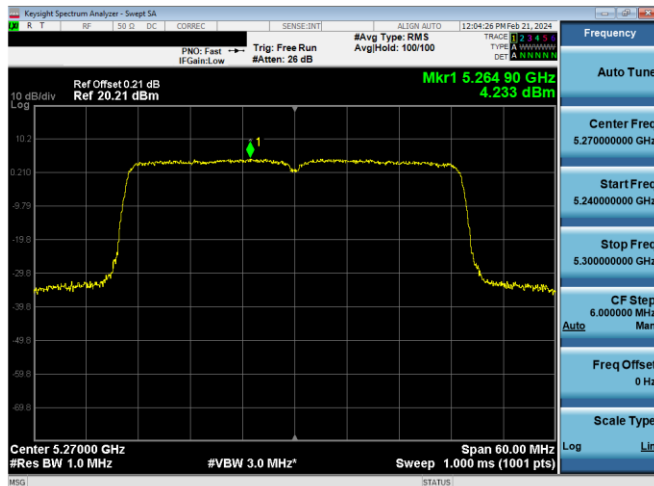


Plot 7-389. PSD Antenna 4a (160MHz BW 802.11ax(SU) – Ch. 50, MCS4)

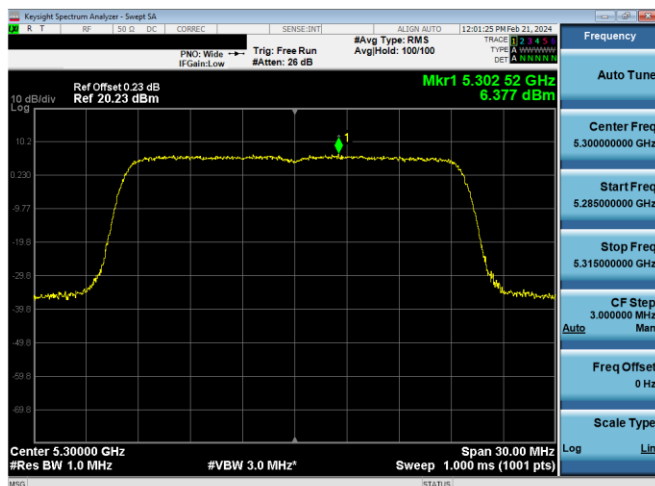
FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-22.BCG	Test Dates: 11/28/2023 - 1/15/2024	EUT Type: Tablet Device	Page 172 of 577



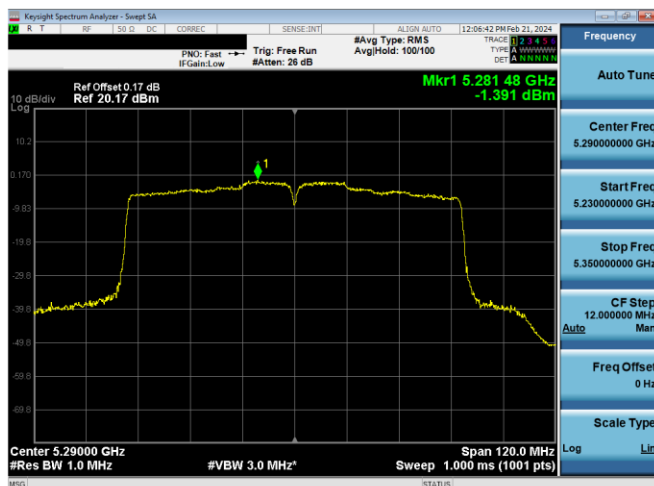
Plot 7-390. PSD Antenna 4a (20MHz BW 802.11n – Ch. 60, MCS4)



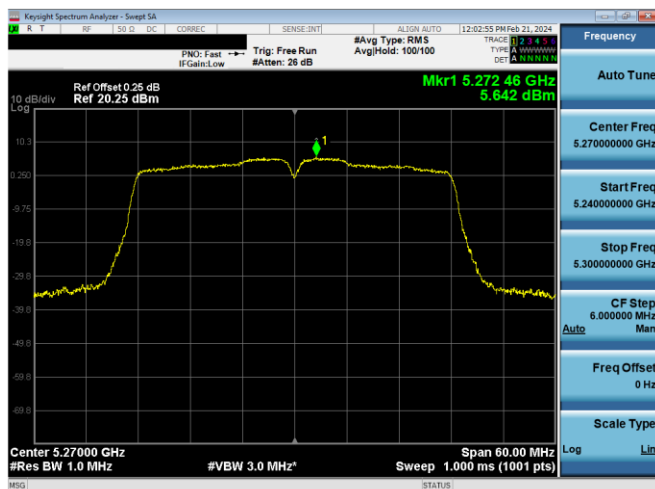
Plot 7-393. PSD Antenna 4a (40MHz BW 802.11ax(SU) – Ch. 54, MCS4)



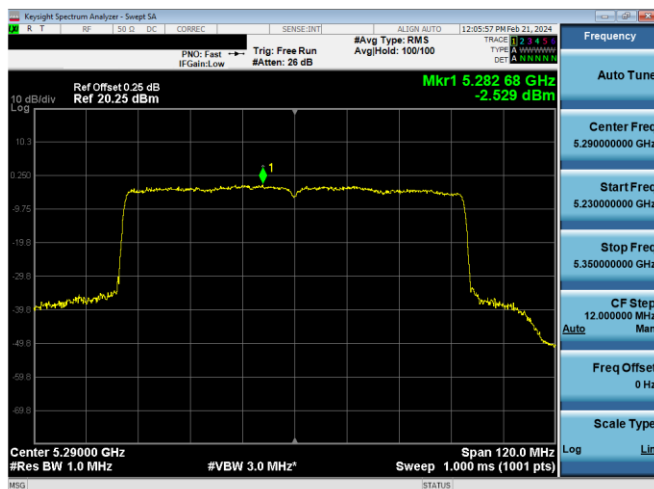
Plot 7-391. PSD Antenna 4a (20MHz BW 802.11ax(SU) – Ch. 60, MCS4)



Plot 7-394. PSD Antenna 4a (80MHz BW 802.11ac – Ch. 58, MCS4)

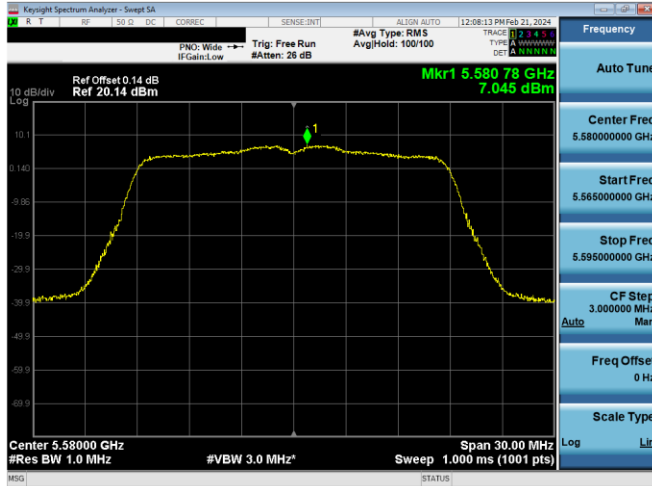


Plot 7-392. PSD Antenna 4a (40MHz BW 802.11n – Ch. 54, MCS4)

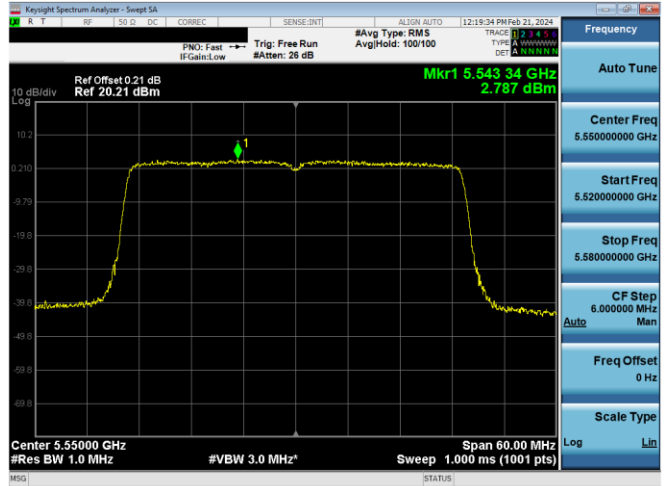


Plot 7-395. PSD Antenna 4a (80MHz BW 802.11ax(SU) – Ch. 58, MCS4)

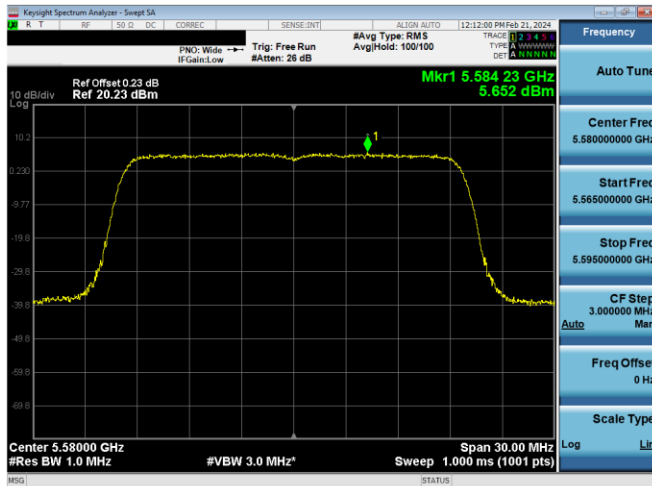
FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-22.BCG	Test Dates: 11/28/2023 - 1/15/2024	EUT Type: Tablet Device	Page 173 of 577



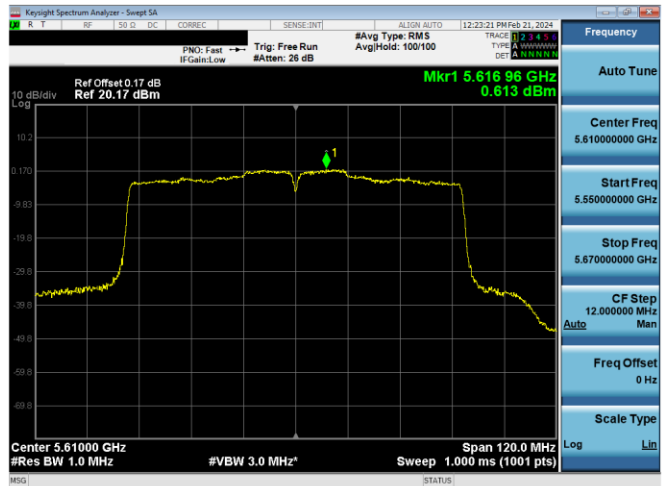
Plot 7-396. PSD Antenna 4a (20MHz BW 802.11n – Ch. 116, MCS4)



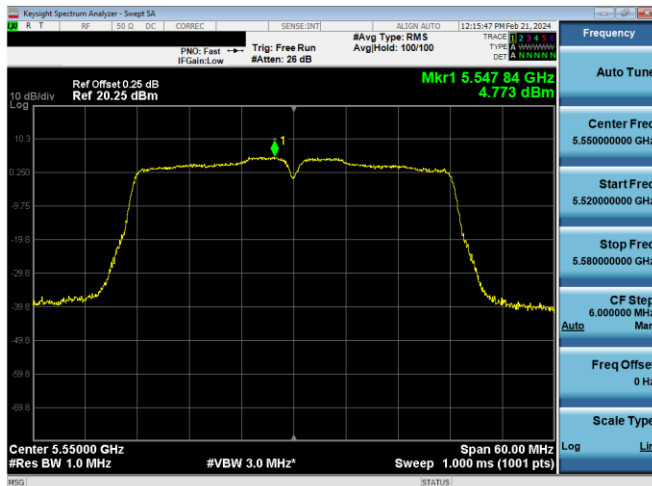
Plot 7-399. PSD Antenna 4a (40MHz BW 802.11ax(SU) – Ch. 110, MCS4)



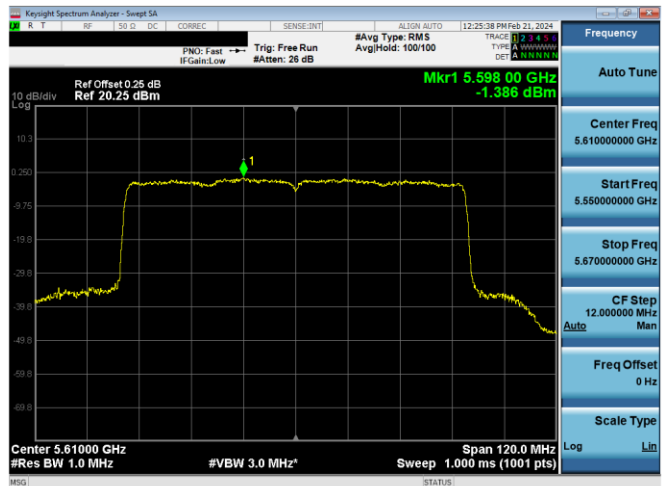
Plot 7-397. PSD Antenna 4a (20MHz BW 802.11ax(SU) – Ch. 116, MCS4)



Plot 7-400. PSD Antenna 4a (80MHz BW 802.11ac – Ch. 122, MCS4)

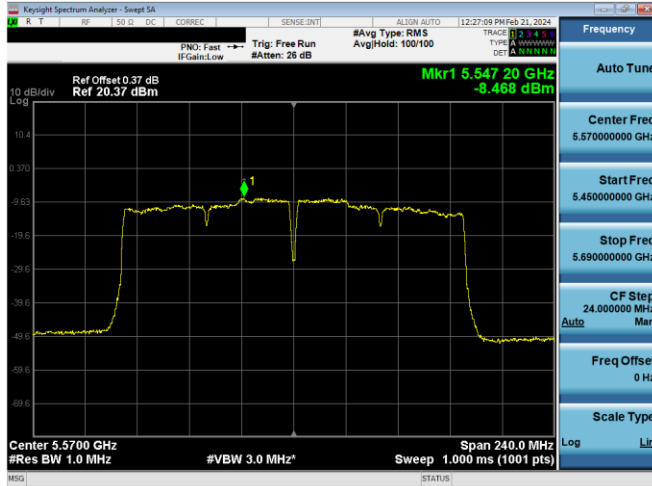


Plot 7-398. PSD Antenna 4a (40MHz BW 802.11n – Ch. 110, MCS4)

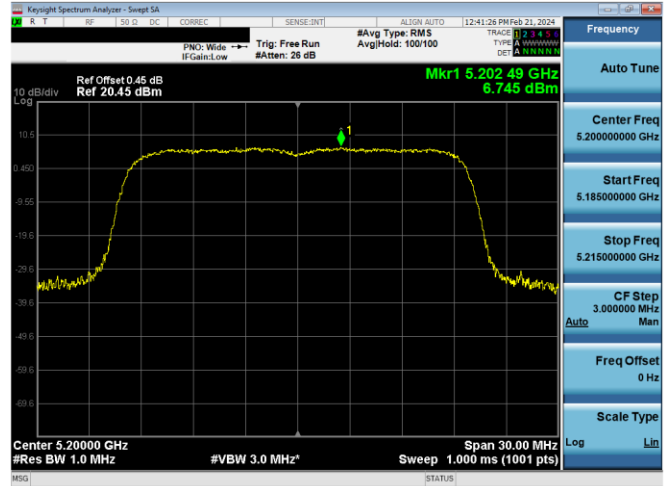


Plot 7-401. PSD Antenna 4a (80MHz BW 802.11ax(SU) – Ch. 122, MCS4)

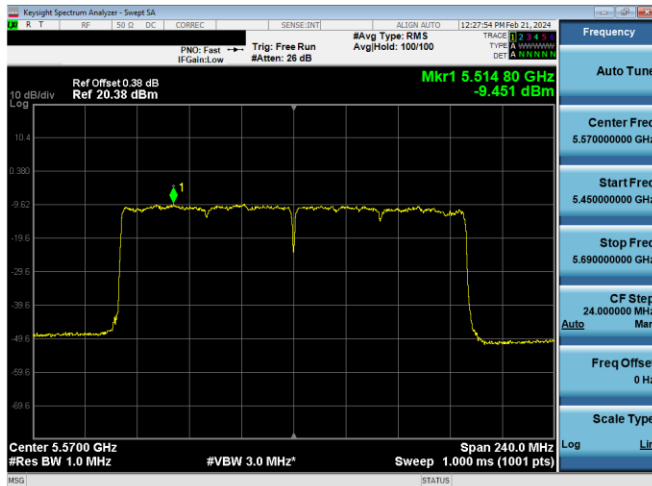
FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-22.BCG	Test Dates: 11/28/2023 - 1/15/2024	EUT Type: Tablet Device	Page 174 of 577



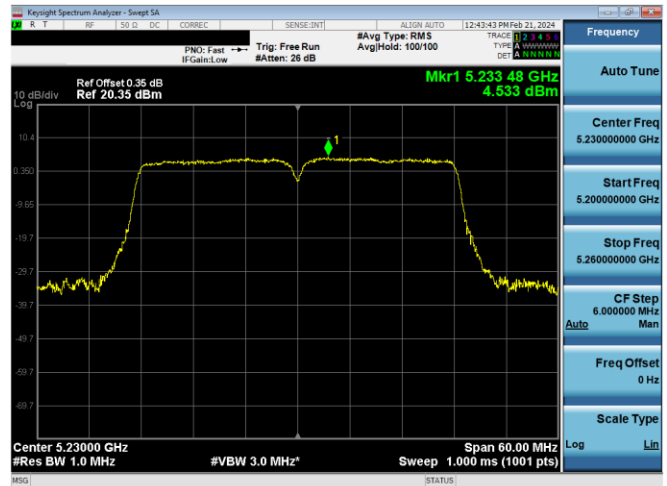
Plot 7-402. PSD Antenna 4a (160MHz BW 802.11ac – Ch. 114, MCS4)



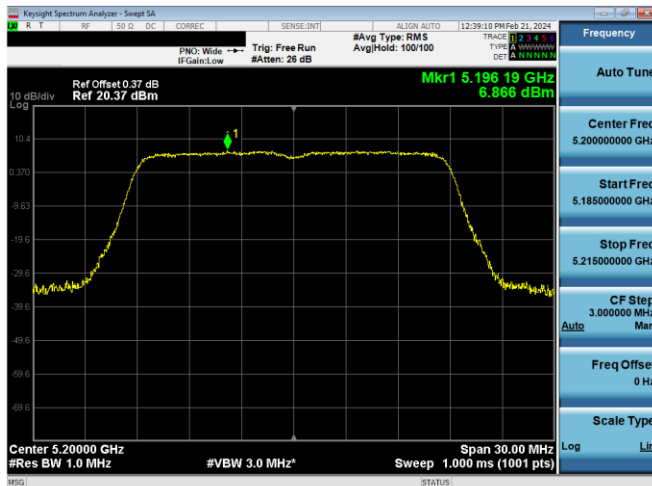
Plot 7-405. PSD Antenna 4a (20MHz BW 802.11ax(SU) – Ch. 40, MCS11)



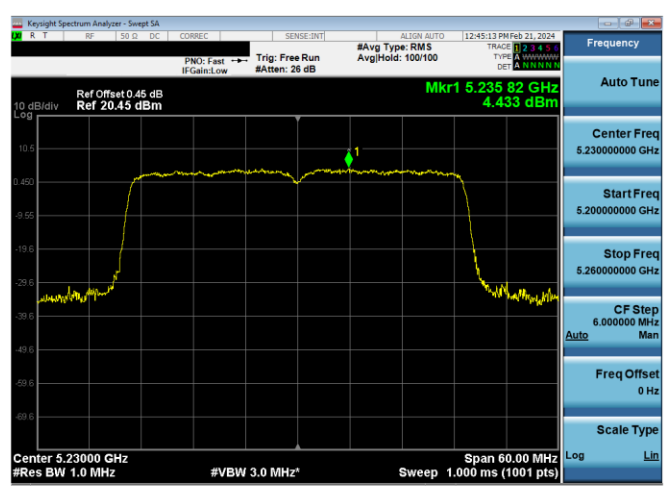
Plot 7-403. PSD Antenna 4a (160MHz BW 802.11ax(SU) – Ch. 114, MCS4)



Plot 7-406. PSD Antenna 4a (40MHz BW 802.11n – Ch. 46, MCS7)

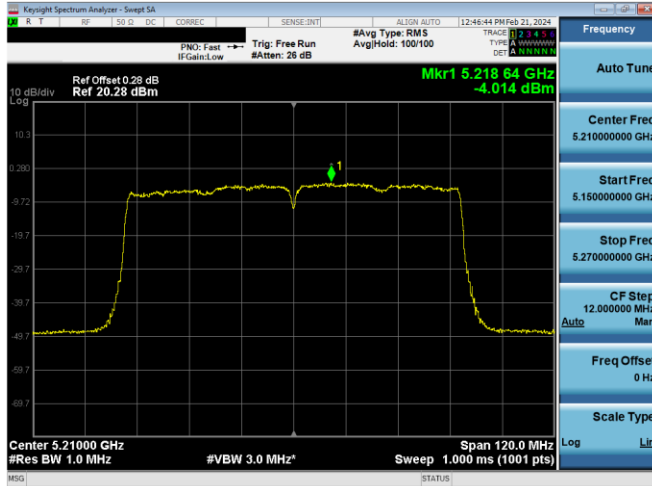


Plot 7-404. PSD Antenna 4a (20MHz BW 802.11n – Ch. 40, MCS7)

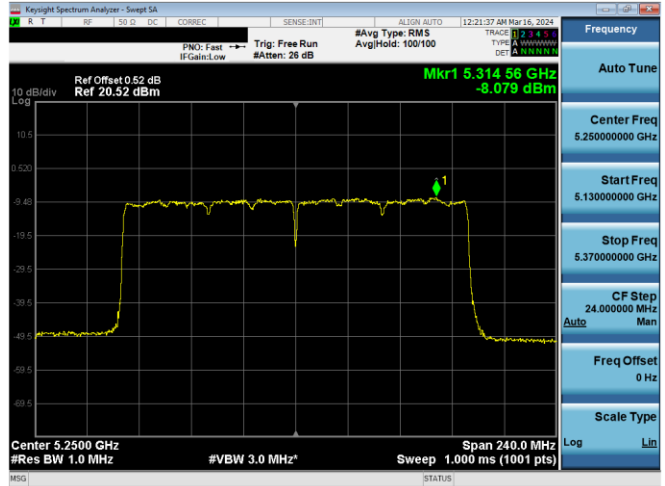


Plot 7-407. PSD Antenna 4a (40MHz BW 802.11ax(SU) – Ch. 46, MCS11)

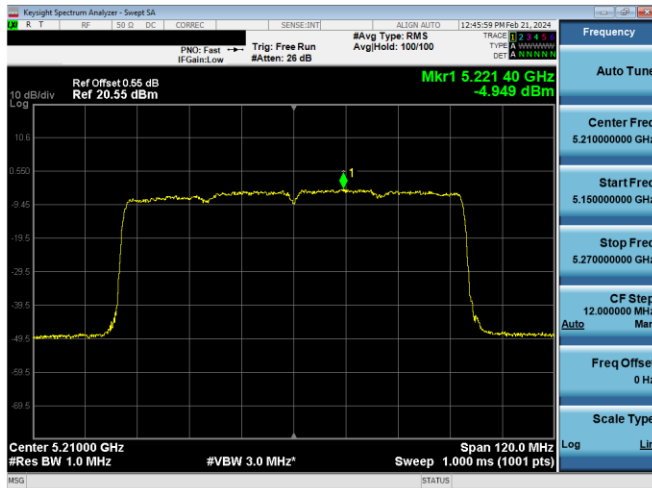
FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-22.BCG	Test Dates: 11/28/2023 - 1/15/2024	EUT Type: Tablet Device	Page 175 of 577



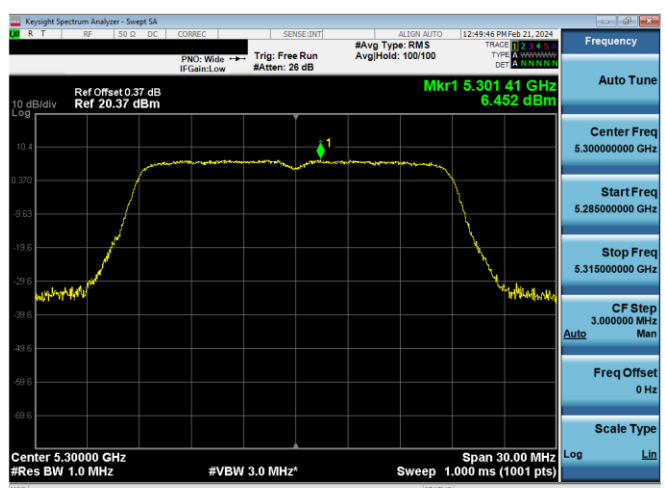
Plot 7-408. PSD Antenna 4a (80MHz BW 802.11ac – Ch. 42, MCS9)



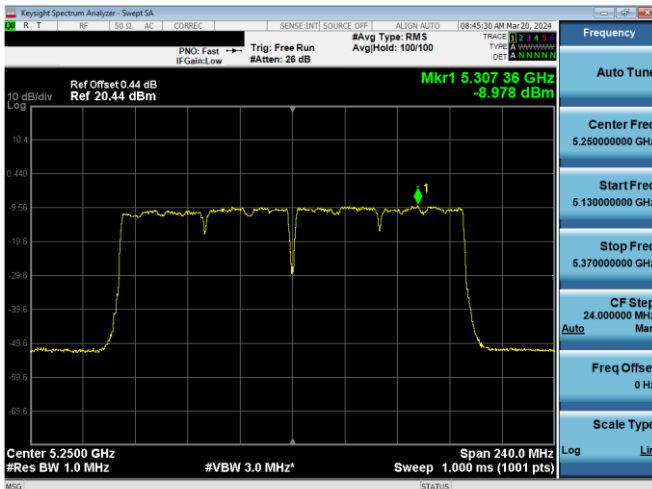
Plot 7-411. PSD Antenna 4a (160MHz BW 802.11ax(SU) – Ch. 50, MCS11)



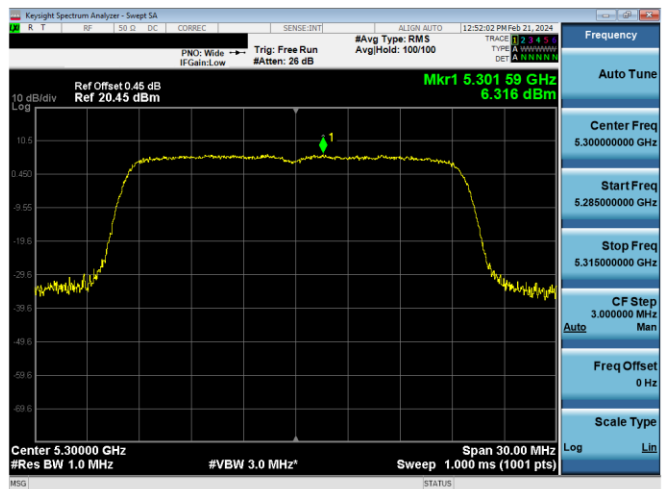
Plot 7-409. PSD Antenna 4a (80MHz BW 802.11ax(SU) – Ch. 42, MCS11)



Plot 7-412. PSD Antenna 4a (20MHz BW 802.11n – Ch. 60, MCS7)

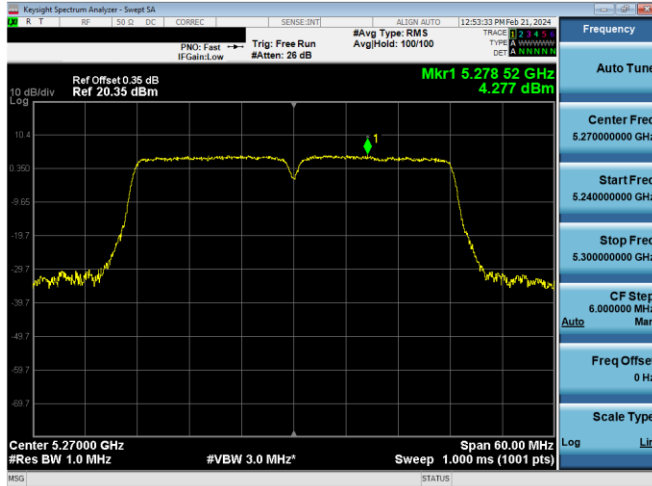


Plot 7-410. PSD Antenna 4a (160MHz BW 802.11ac – Ch. 50, MCS9)

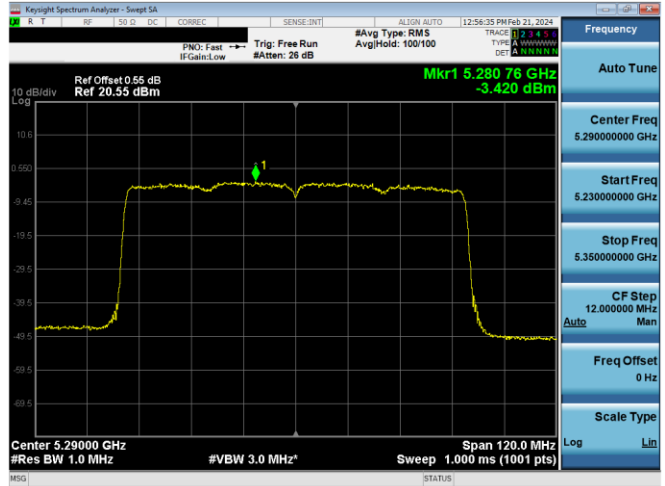


Plot 7-413. PSD Antenna 4a (20MHz BW 802.11ax(SU) – Ch. 60, MCS11)

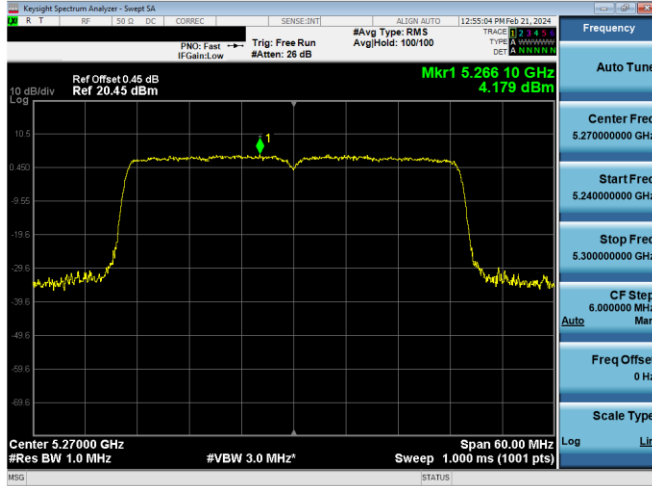
FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-22.BCG	Test Dates: 11/28/2023 - 1/15/2024	EUT Type: Tablet Device	Page 176 of 577



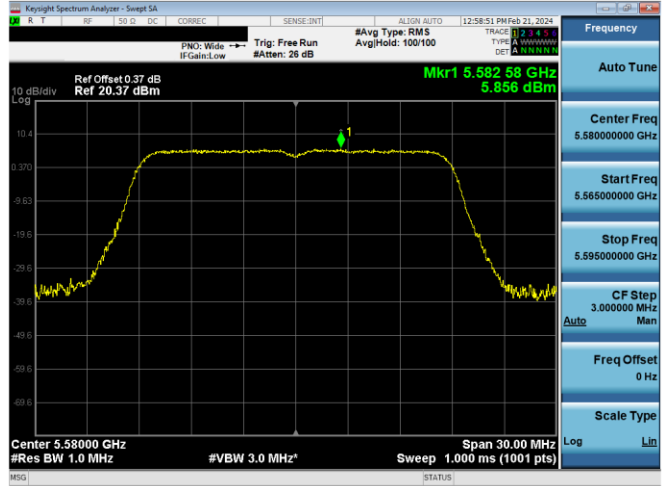
Plot 7-414. PSD Antenna 4a (40MHz BW 802.11n – Ch. 54, MCS7)



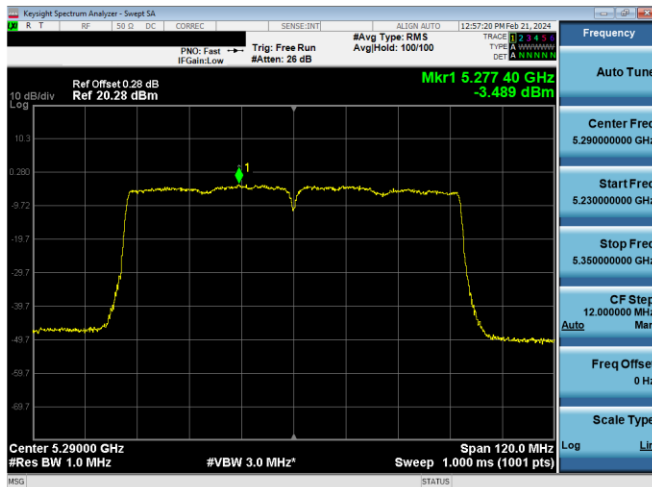
Plot 7-417. PSD Antenna 4a (80MHz BW 802.11ax(SU) – Ch. 58, MCS11)



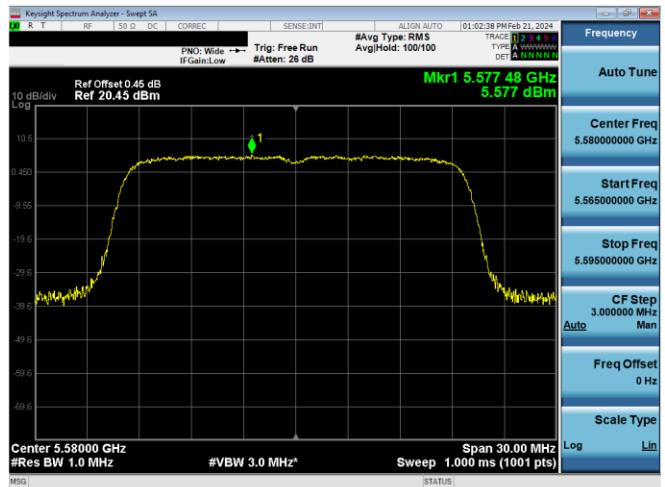
Plot 7-415. PSD Antenna 4a (40MHz BW 802.11ax(SU) – Ch. 54, MCS11)



Plot 7-418. PSD Antenna 4a (20MHz BW 802.11n – Ch. 116, MCS7)

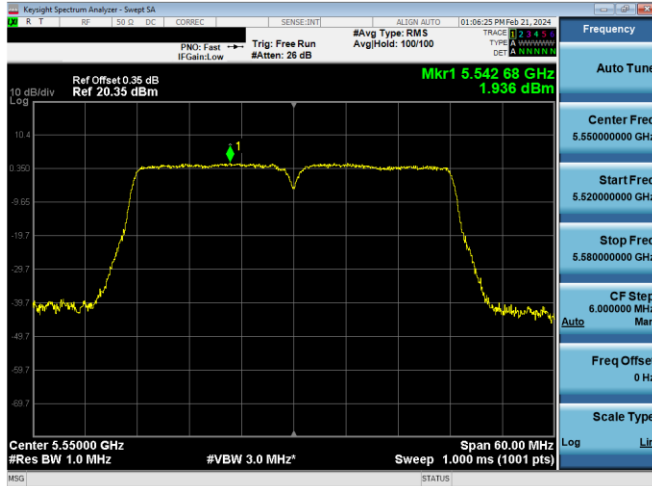


Plot 7-416. PSD Antenna 4a (80MHz BW 802.11ac – Ch. 58, MCS9)

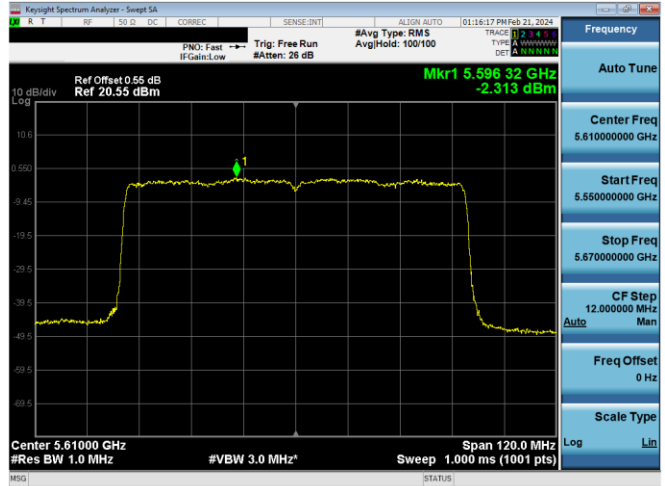


Plot 7-419. PSD Antenna 4a (20MHz BW 802.11ax(SU) – Ch. 116, MCS11)

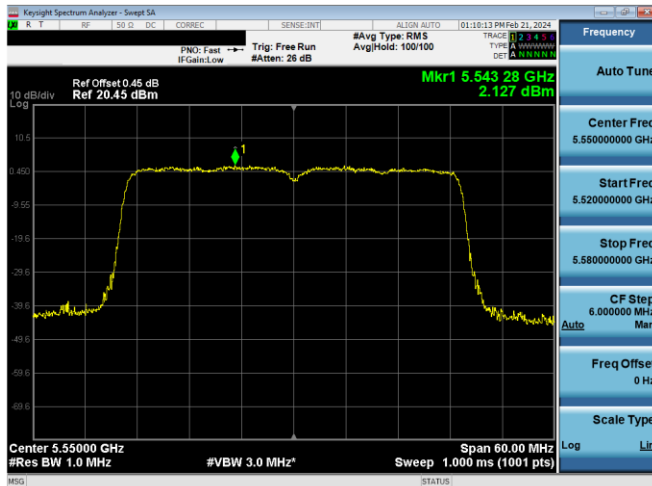
FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-22.BCG	Test Dates: 11/28/2023 - 1/15/2024	EUT Type: Tablet Device	Page 177 of 577



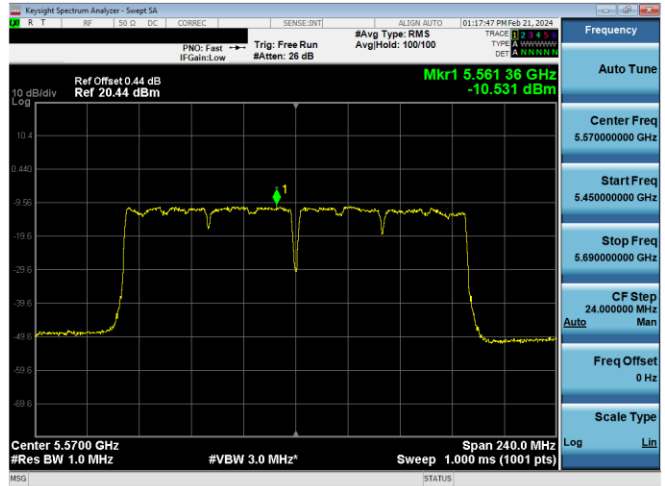
Plot 7-420. PSD Antenna 4a (40MHz BW 802.11n – Ch. 110, MCS7)



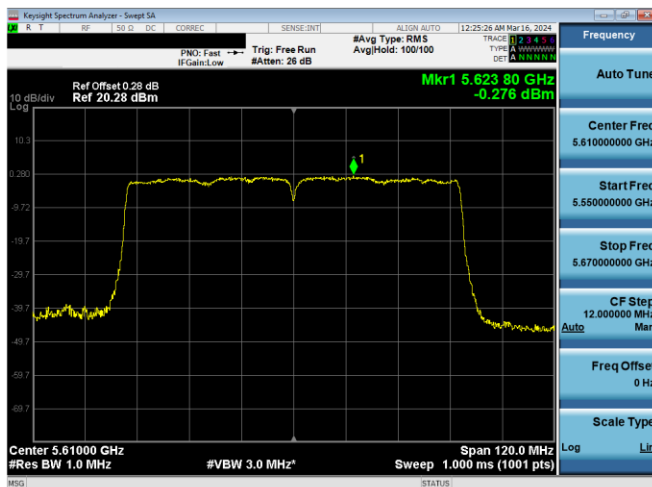
Plot 7-423. PSD Antenna 4a (80MHz BW 802.11ax(SU) – Ch. 122, MCS11)



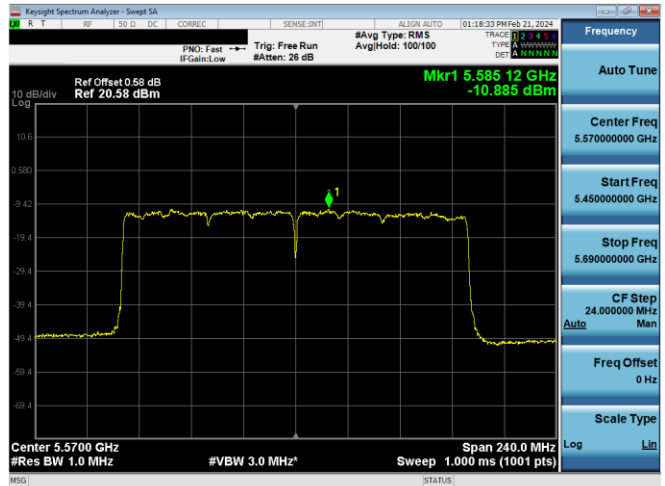
Plot 7-421. PSD Antenna 4a (40MHz BW 802.11ax(SU) – Ch. 110, MCS11)



Plot 7-424. PSD Antenna 4a (160MHz BW 802.11ac – Ch. 114, MCS9)



Plot 7-422. PSD Antenna 4a (80MHz BW 802.11ac – Ch. 122, MCS9)



Plot 7-425. PSD Antenna 4a (160MHz BW 802.11ax(SU) – Ch. 114, MCS11)

FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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	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)	4.71	30.0	-25.3
	5785	157	n (20MHz)	19.5/21.7 (MCS2)	5.10	30.0	-24.9
	5825	165	n (20MHz)	19.5/21.7 (MCS2)	5.49	30.0	-24.5
	5745	149	ax (SU) (20MHz)	24/25.8 (MCS2)	4.35	30.0	-25.7
	5785	157	ax (SU) (20MHz)	24/25.8 (MCS2)	3.94	30.0	-26.1
	5825	165	ax (SU) (20MHz)	24/25.8 (MCS2)	4.14	30.0	-25.9
	5755	151	n (40MHz)	40/40.5 (MCS2)	3.58	30.0	-26.4
	5795	159	n (40MHz)	40/40.5 (MCS2)	3.03	30.0	-27.0
	5755	151	ax (SU) (40MHz)	49/51.6 (MCS2)	2.46	30.0	-27.5
	5795	159	ax (SU) (40MHz)	49/51.6 (MCS2)	1.88	30.0	-28.1
	5775	155	ac (80MHz)	87.8/97.5 (MCS2)	0.19	30.0	-29.8
	5775	155	ax (SU) (80MHz)	102/108.1 (MCS2)	-1.48	30.0	-31.5

Table 7-212. Band 3 Power Spectral Density Measurements Antenna 4a (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)	39/43.3 (MCS4)	5.48	30.0	-24.5
	5785	157	n (20MHz)	39/43.3 (MCS4)	5.38	30.0	-24.6
	5825	165	n (20MHz)	39/43.3 (MCS4)	5.23	30.0	-24.8
	5745	149	ax (SU) (20MHz)	49/51.6 (MCS4)	4.63	30.0	-25.4
	5785	157	ax (SU) (20MHz)	49/51.6 (MCS4)	4.39	30.0	-25.6
	5825	165	ax (SU) (20MHz)	49/51.6 (MCS4)	4.33	30.0	-25.7
	5755	151	n (40MHz)	81/90 (MCS4)	4.05	30.0	-25.9
	5795	159	n (40MHz)	81/90 (MCS4)	3.23	30.0	-26.8
	5755	151	ax (SU) (40MHz)	98/103.2 (MCS4)	2.61	30.0	-27.4
	5795	159	ax (SU) (40MHz)	98/103.2 (MCS4)	2.02	30.0	-28.0
	5775	155	ac (80MHz)	175.5/195 (MCS4)	0.17	30.0	-29.8
	5775	155	ax (SU) (80MHz)	204/216.2 (MCS4)	-2.07	30.0	-32.1

Table 7-213. Band 3 Power Spectral Density Measurements Antenna 4a (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)	4.76	30.0	-25.2
	5785	157	n (20MHz)	65/72.2 (MCS7)	4.40	30.0	-25.6
	5825	165	n (20MHz)	65/72.2 (MCS7)	4.54	30.0	-25.5
	5745	149	ax (SU) (20MHz)	135/143.4 (MCS11)	4.93	30.0	-25.1
	5785	157	ax (SU) (20MHz)	135/143.4 (MCS11)	4.26	30.0	-25.7
	5825	165	ax (SU) (20MHz)	135/143.4 (MCS11)	4.17	30.0	-25.8
	5755	151	n (40MHz)	135/150 (MCS7)	2.29	30.0	-27.7
	5795	159	n (40MHz)	135/150 (MCS7)	1.98	30.0	-28.0
	5755	151	ax (SU) (40MHz)	271/286 (MCS11)	1.31	30.0	-28.7
	5795	159	ax (SU) (40MHz)	271/286 (MCS11)	2.11	30.0	-27.9
	5775	155	ac (80MHz)	390/433.3 (MCS9)	-1.88	30.0	-31.9
	5775	155	ax (SU) (80MHz)	567/600.5 (MCS11)	-1.86	30.0	-31.9

Table 7-214. Band 3 Power Spectral Density Measurements Antenna 4a (High Data Rate)

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