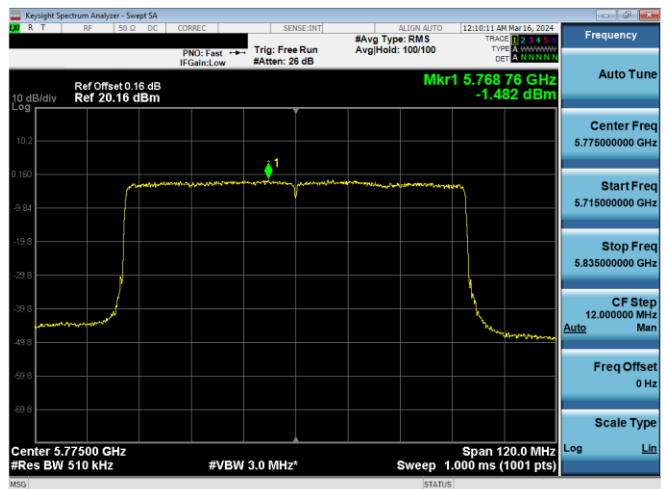
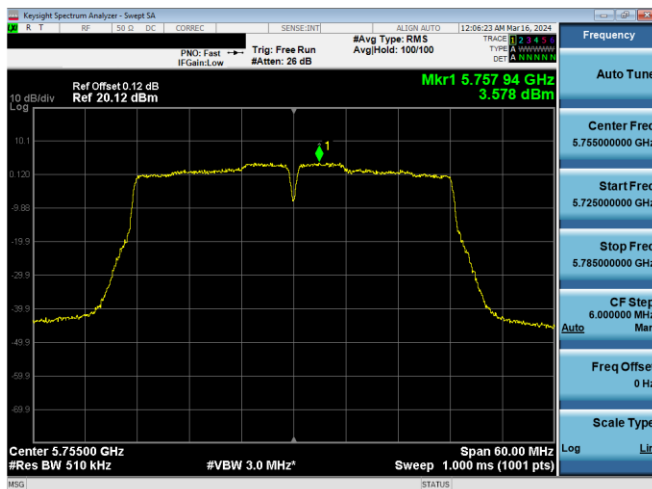
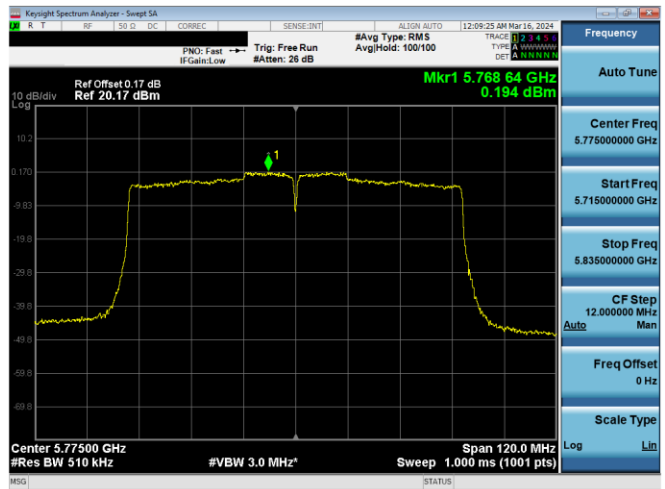
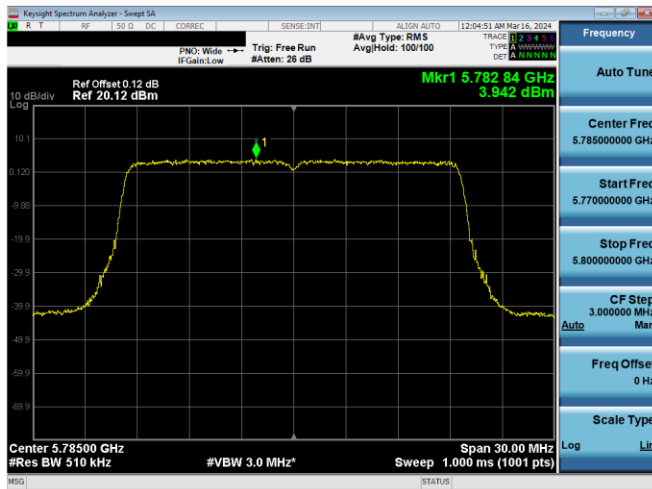
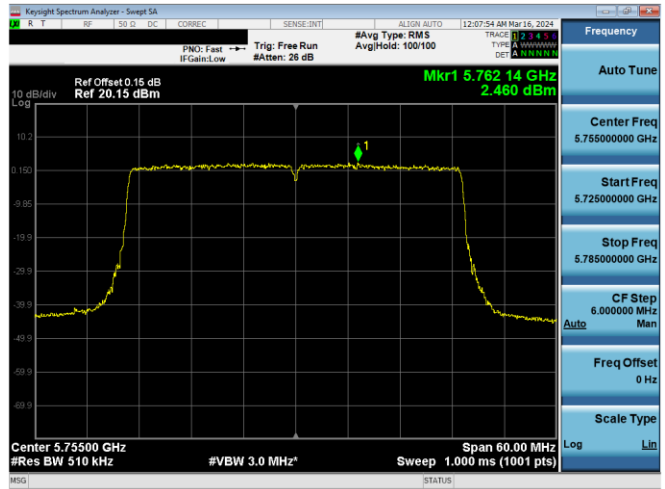
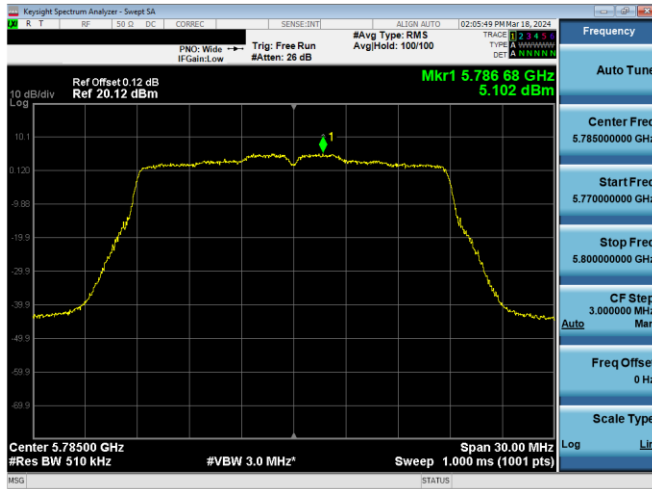
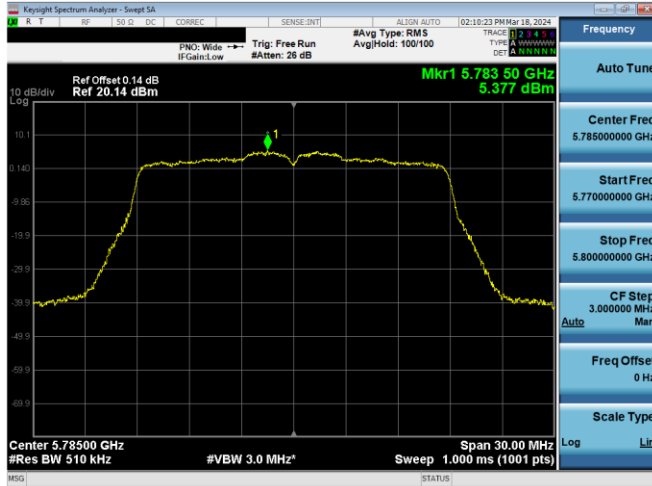
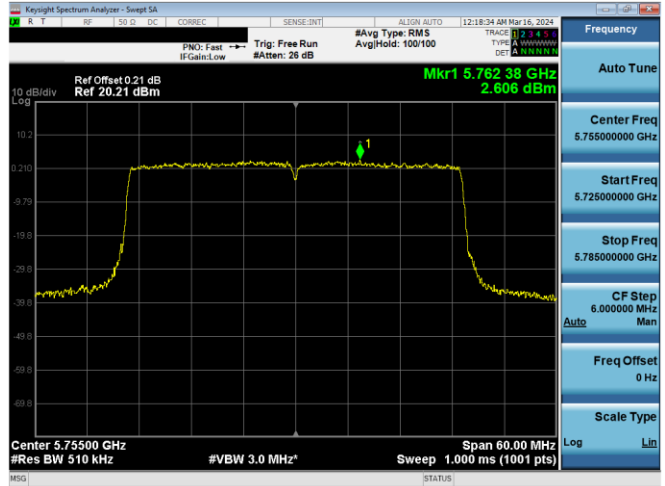




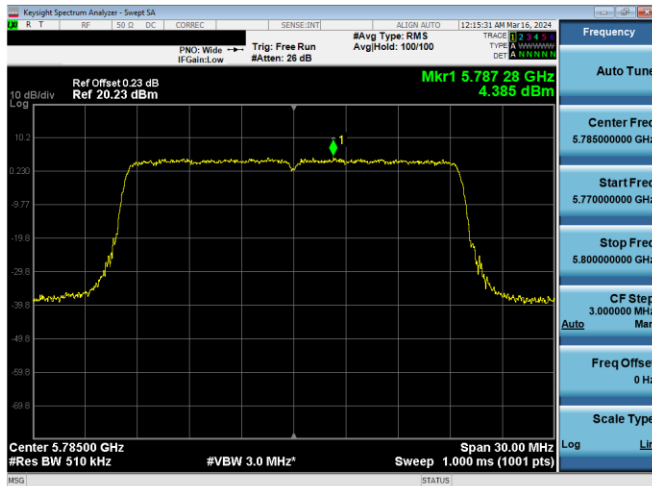
FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-22.BCG	Test Dates: 11/28/2023 - 1/15/2024	EUT Type: Tablet Device	Page 180 of 577



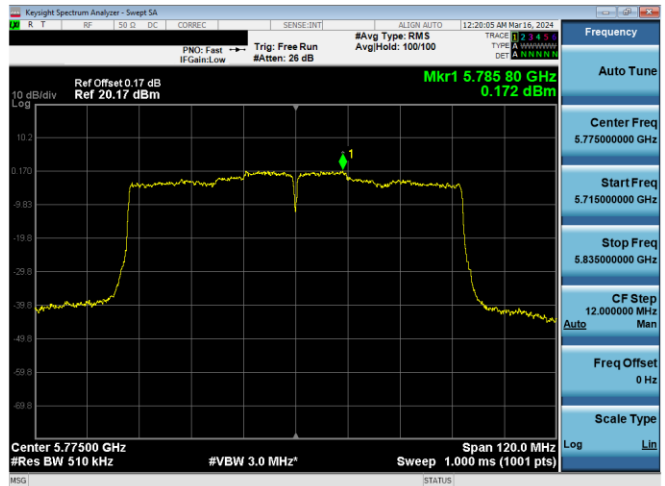
Plot 7-432. PSD Antenna 4a (20MHz BW 802.11n – Ch. 157, MCS4)



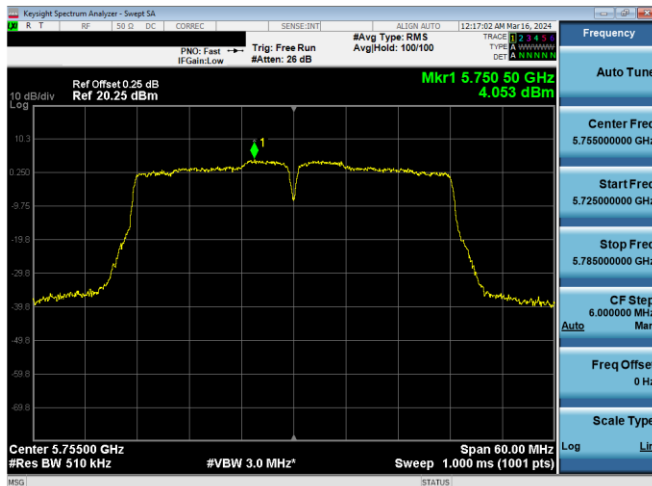
Plot 7-435. PSD Antenna 4a (40MHz BW 802.11ax(SU) – Ch. 151, MCS4)



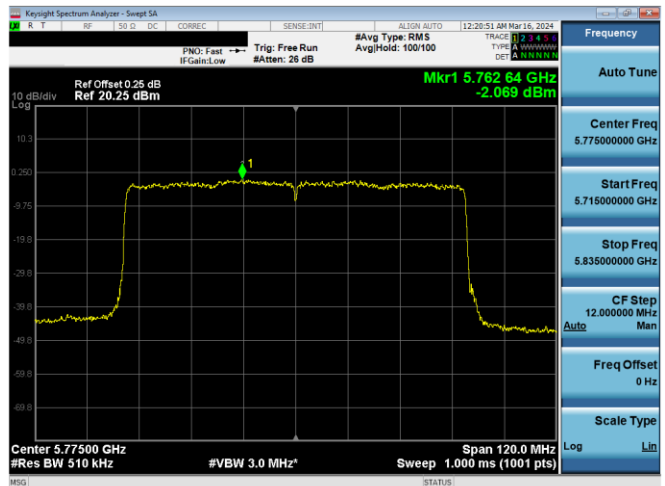
Plot 7-433. PSD Antenna 4a (20MHz BW 802.11ax(SU) – Ch. 157, MCS4)



Plot 7-436. PSD Antenna 4a (80MHz BW 802.11ac – Ch. 155, MCS4)

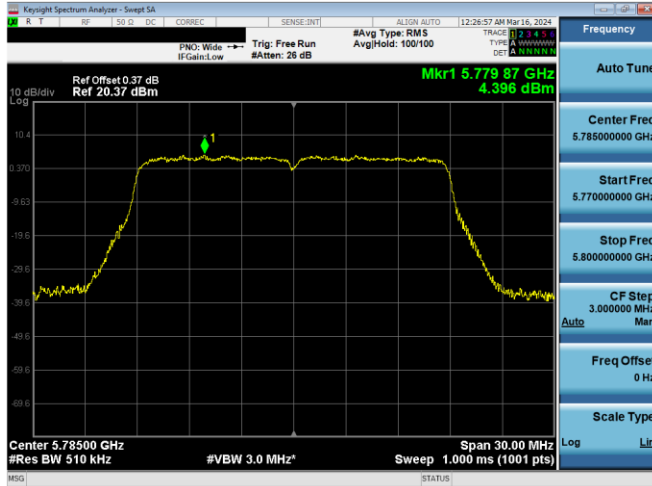


Plot 7-434. PSD Antenna 4a (40MHz BW 802.11n – Ch. 151, MCS4)

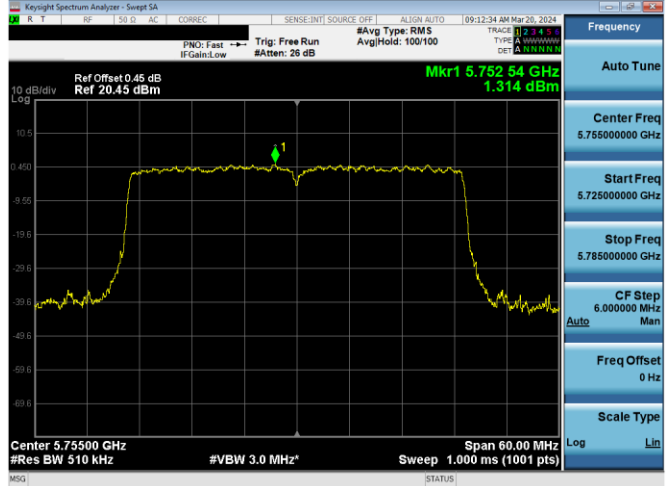


Plot 7-437. PSD Antenna 4a (80MHz BW 802.11ax SU – Ch. 155, MCS4)

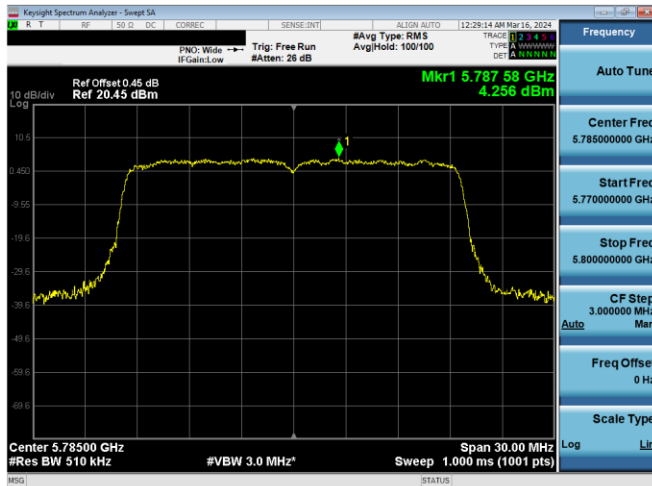
FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-22.BCG	Test Dates: 11/28/2023 - 1/15/2024	EUT Type: Tablet Device	Page 181 of 577



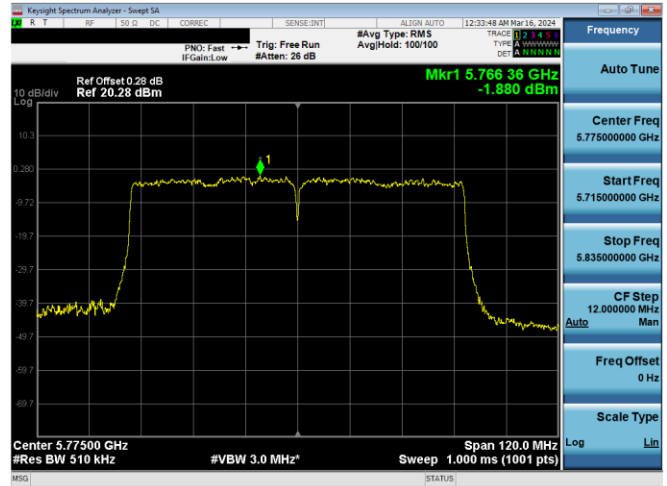
Plot 7-438. PSD Antenna 4a (20MHz BW 802.11n – Ch. 157, MCS7)



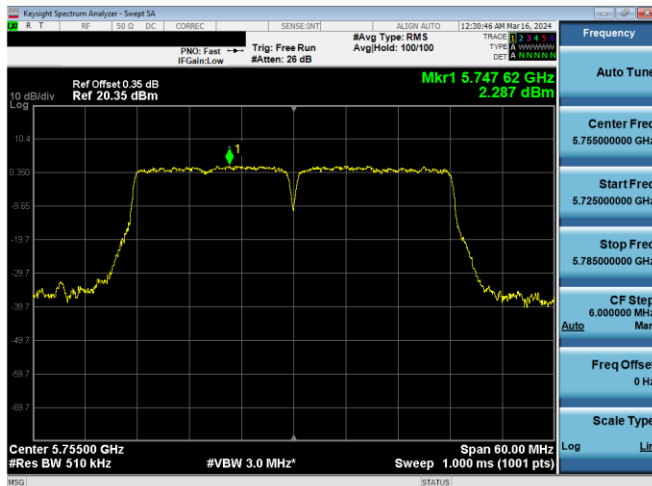
Plot 7-441. PSD Antenna 4a (40MHz BW 802.11ax(SU) – Ch. 151, MCS11)



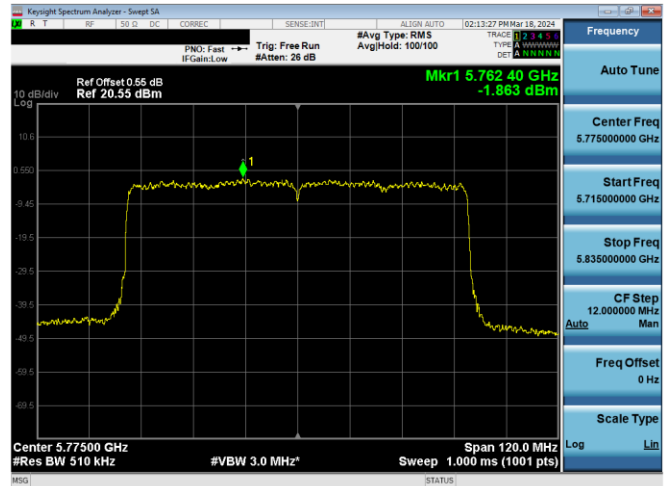
Plot 7-439. PSD Antenna 4a (20MHz BW 802.11ax(SU) – Ch. 157, MCS11)



Plot 7-442. PSD Antenna 4a (80MHz BW 802.11ac – Ch. 155, MCS9)



Plot 7-440. PSD Antenna 4a (40MHz BW 802.11n – Ch. 151, MCS7)



Plot 7-443. PSD Antenna 4a (80MHz BW 802.11ax SU – Ch. 155, 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 182 of 577

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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)	19.5/21.7 (MCS2)	5.58	-0.30	5.28	10.0	-4.72
	5200	40	n (20MHz)	19.5/21.7 (MCS2)	5.68	-0.30	5.38	10.0	-4.62
	5240	48	n (20MHz)	19.5/21.7 (MCS2)	6.18	-0.30	5.88	10.0	-4.12
	5180	36	ax (SU) (20MHz)	24/25.8 (MCS2)	4.38	-0.30	4.08	10.0	-5.92
	5200	40	ax (SU) (20MHz)	24/25.8 (MCS2)	4.32	-0.30	4.02	10.0	-5.98
	5240	48	ax (SU) (20MHz)	24/25.8 (MCS2)	4.80	-0.30	4.50	10.0	-5.50
	5190	38	n (40MHz)	40/40.5 (MCS2)	1.31	-0.30	1.01	10.0	-8.99
	5230	46	n (40MHz)	40/40.5 (MCS2)	5.24	-0.30	4.94	10.0	-5.06
	5190	38	ax (SU) (40MHz)	49/51.6 (MCS2)	-0.68	-0.30	-0.98	10.0	-10.98
	5230	46	ax (SU) (40MHz)	49/51.6 (MCS2)	3.83	-0.30	3.53	10.0	-6.47
	5210	42	ac (80MHz)	87.8/97.5 (MCS2)	-2.29	-0.30	-2.59	10.0	-12.59
	5210	42	ax (SU) (80MHz)	102/108.1 (MCS2)	-3.40	-0.30	-3.70	10.0	-13.70
Band 1/2	5250	50	ac (160MHz)	87.8/97.5 (MCS2)	-6.36	-0.30	-6.66	10.0	-16.66
	5250	50	ax (SU) (160MHz)	102/108.1 (MCS2)	-7.35	-0.30	-7.65	10.0	-17.65

Table 7-215. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 4a (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)	39/43.3 (MCS4)	5.82	-0.30	5.52	10.0	-4.48
	5200	40	n (20MHz)	39/43.3 (MCS4)	5.71	-0.30	5.41	10.0	-4.59
	5240	48	n (20MHz)	39/43.3 (MCS4)	6.32	-0.30	6.02	10.0	-3.98
	5180	36	ax (SU) (20MHz)	49/51.6 (MCS4)	4.25	-0.30	3.95	10.0	-6.05
	5200	40	ax (SU) (20MHz)	49/51.6 (MCS4)	4.54	-0.30	4.24	10.0	-5.77
	5240	48	ax (SU) (20MHz)	49/51.6 (MCS4)	4.81	-0.30	4.51	10.0	-5.49
	5190	38	n (40MHz)	81/90 (MCS4)	0.82	-0.30	0.52	10.0	-9.48
	5230	46	n (40MHz)	81/90 (MCS4)	5.63	-0.30	5.33	10.0	-4.68
	5190	38	ax (SU) (40MHz)	98/103.2 (MCS4)	-0.57	-0.30	-0.87	10.0	-10.87
	5230	46	ax (SU) (40MHz)	98/103.2 (MCS4)	4.11	-0.30	3.81	10.0	-6.19
	5210	42	ac (80MHz)	175.5/195 (MCS4)	-2.51	-0.30	-2.81	10.0	-12.81
	5210	42	ax (SU) (80MHz)	204/216.2 (MCS4)	-3.50	-0.30	-3.80	10.0	-13.80
Band 1/2	5250	50	ac (160MHz)	175.5/195 (MCS4)	-6.59	-0.30	-6.89	10.0	-16.89
	5250	50	ax (SU) (160MHz)	204/216.2 (MCS4)	-7.77	-0.30	-8.07	10.0	-18.07

Table 7-216. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 4a (Mid Data Rate)

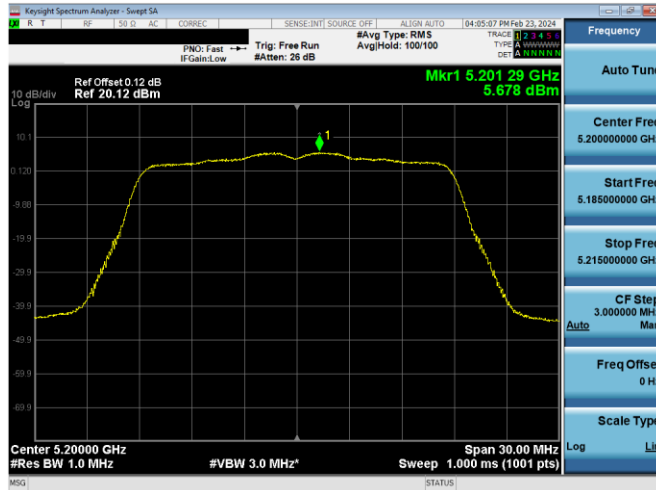
	Frequency [MHz]	Channel No.	802.11 MODE	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	65/72.2 (MCS7)	4.54	-0.30	4.24	10.0	-5.76
	5200	40	n (20MHz)	65/72.2 (MCS7)	4.47	-0.30	4.17	10.0	-5.83
	5240	48	n (20MHz)	65/72.2 (MCS7)	5.14	-0.30	4.84	10.0	-5.16
	5180	36	ax (SU) (20MHz)	135/143.4 (MCS11)	3.77	-0.30	3.47	10.0	-6.53
	5200	40	ax (SU) (20MHz)	135/143.4 (MCS11)	4.41	-0.30	4.11	10.0	-5.89
	5240	48	ax (SU) (20MHz)	135/143.4 (MCS11)	4.96	-0.30	4.66	10.0	-5.34
	5190	38	n (40MHz)	135/150 (MCS7)	-0.53	-0.30	-0.83	10.0	-10.83
	5230	46	n (40MHz)	135/150 (MCS7)	3.92	-0.30	3.62	10.0	-6.38
	5190	38	ax (SU) (40MHz)	271/286 (MCS11)	-1.22	-0.30	-1.52	10.0	-11.52
	5230	46	ax (SU) (40MHz)	271/286 (MCS11)	3.94	-0.30	3.64	10.0	-6.36
	5210	42	ac (80MHz)	390/433.3 (MCS9)	-3.86	-0.30	-4.16	10.0	-14.16
	5210	42	ax (SU) (80MHz)	567/600.5 (MCS11)	-4.74	-0.30	-5.04	10.0	-15.04
Band 1/2	5250	50	ac (160MHz)	390/433.3 (MCS9)	-8.12	-0.30	-8.42	10.0	-18.42
	5250	50	ax (SU) (160MHz)	567/600.5 (MCS11)	-8.14	-0.30	-8.44	10.0	-18.44

Table 7-217. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 4a (High Data Rate)

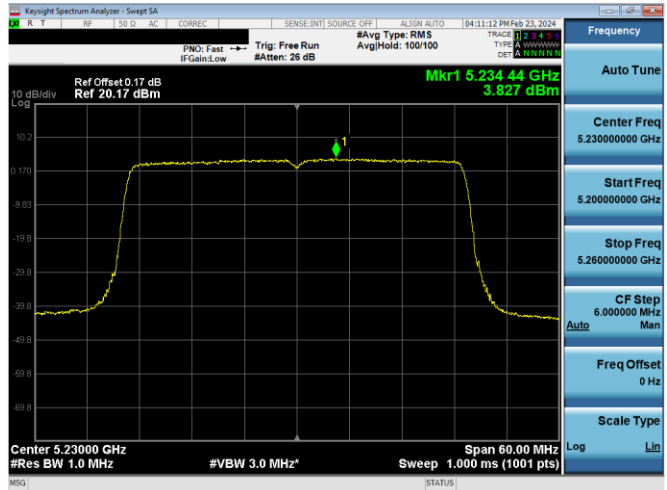
FCC ID: BCGA2837 IC: 579C-A2837	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270068-22.BCG	Test Dates: 11/28/2023 - 1/15/2024	EUT Type: Tablet Device	Page 183 of 577

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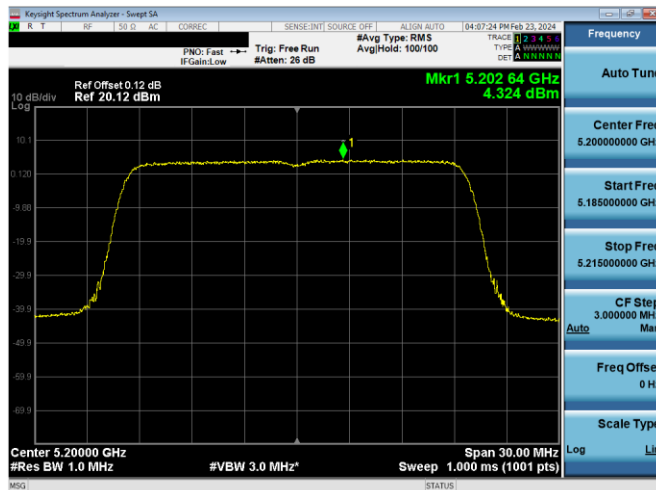
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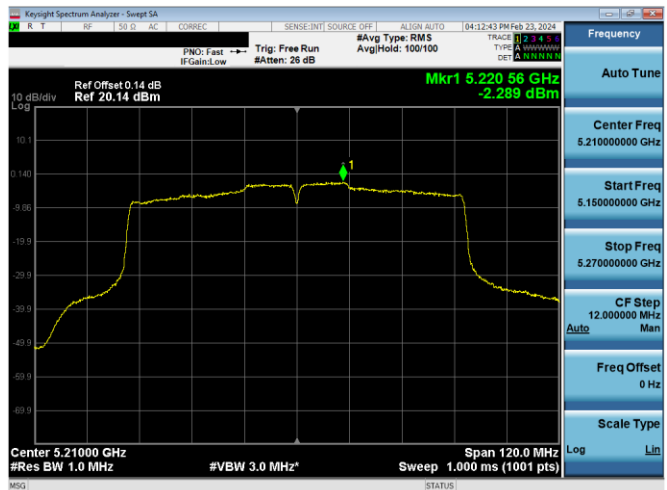
Plot 7-444. ISED PSD Antenna 4a (20MHz BW 11n – Ch.40, MCS2)



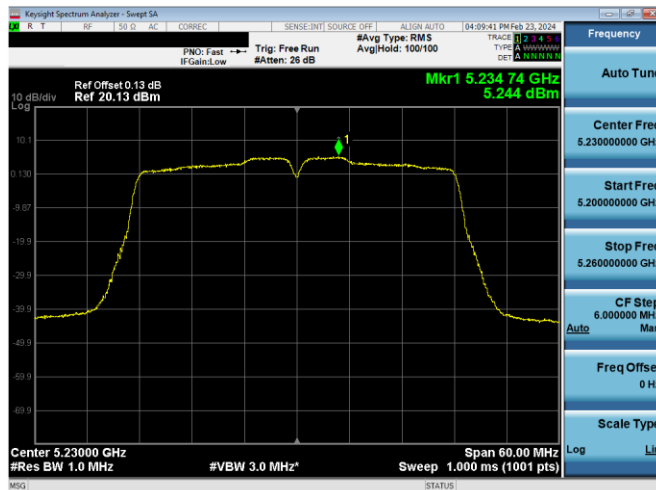
Plot 7-447. ISED PSD Antenna 4a (40MHz BW 11ax(SU) – Ch.46, MCS2)



Plot 7-445. ISED PSD Antenna 4a (20MHz BW 11ax(SU) – Ch.40, MCS2)



Plot 7-448. ISED PSD Antenna 4a (80MHz BW 11ac – Ch.42, MCS2)

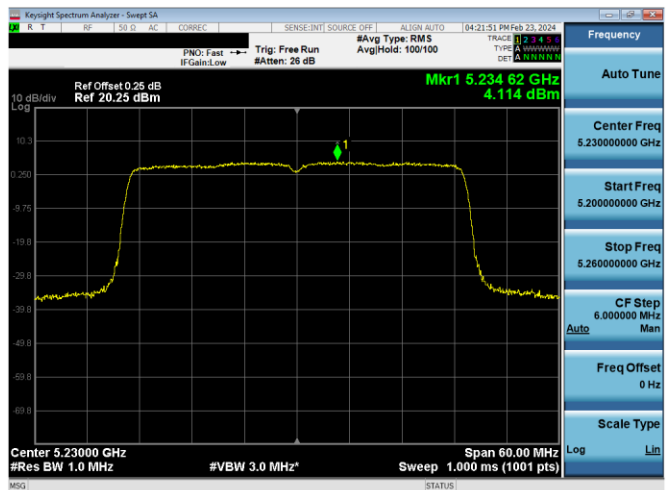
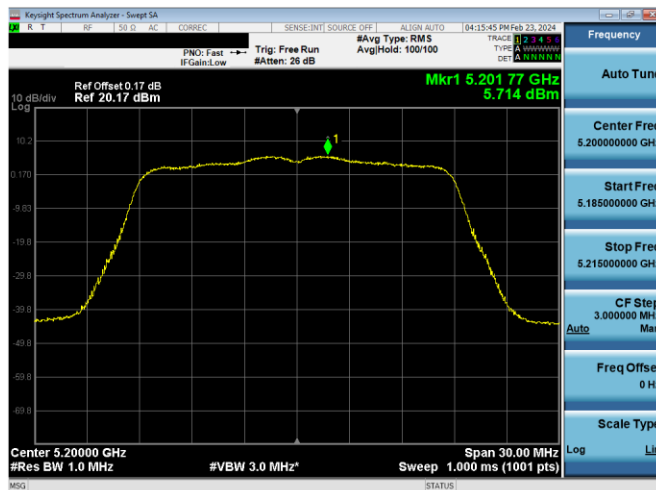
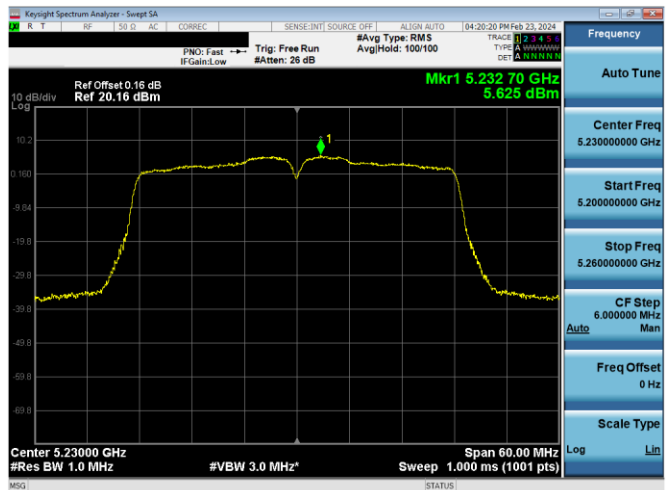
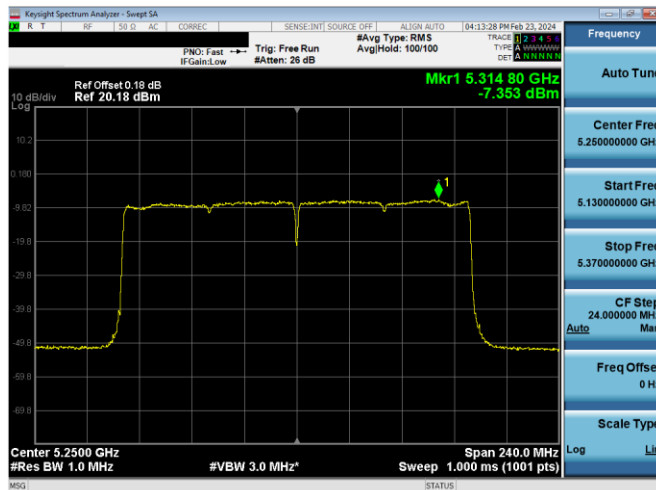
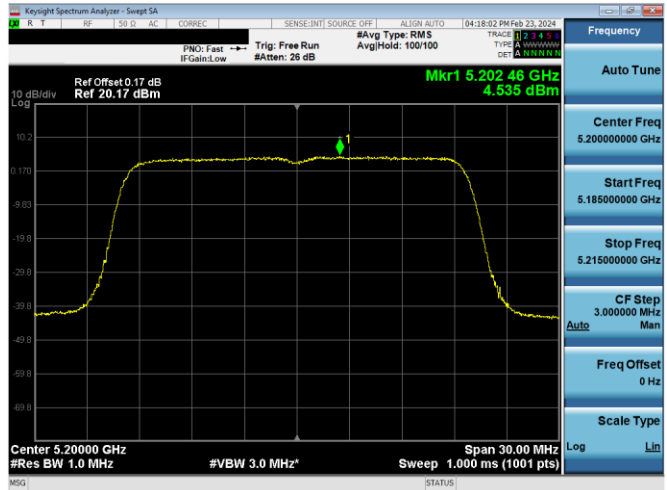
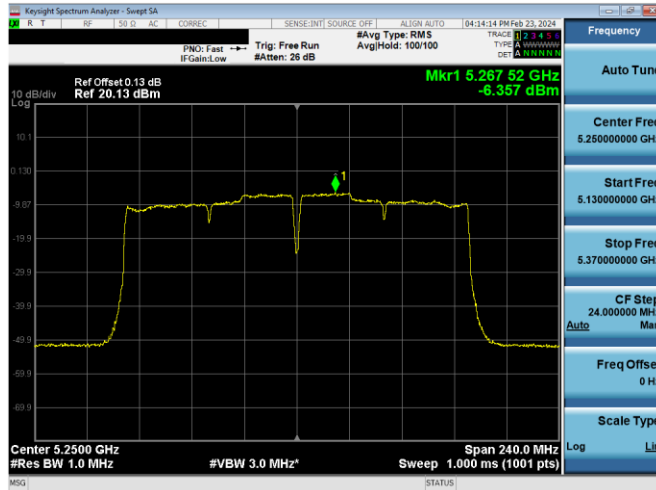


Plot 7-446. ISED PSD Antenna 4a (40MHz BW 11n – Ch.46, MCS2)

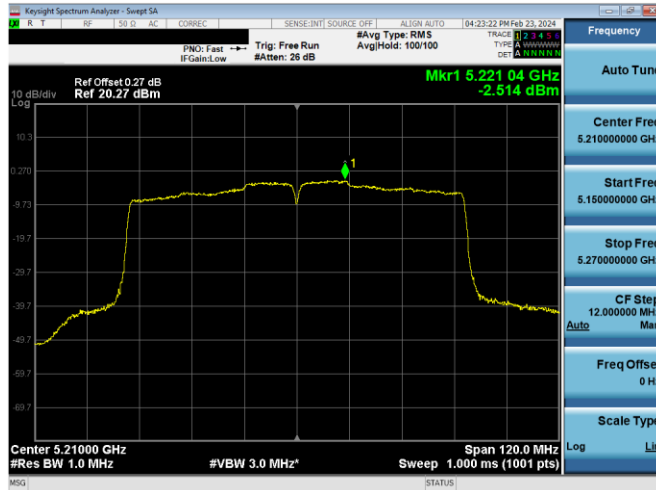


Plot 7-449. ISED PSD Antenna 4a (80MHz BW 11ax (SU) – Ch.42, MCS2)

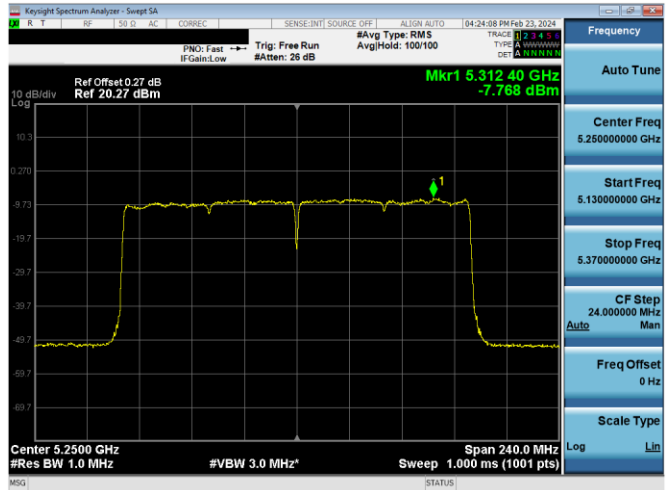
FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-22.BCG	Test Dates: 11/28/2023 - 1/15/2024	EUT Type: Tablet Device	Page 184 of 577



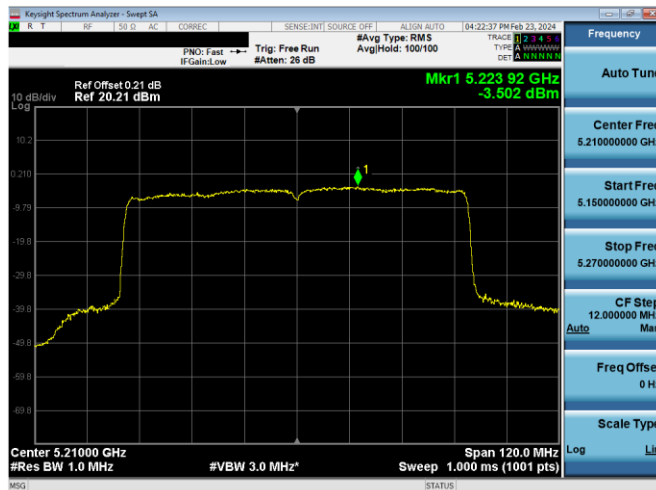
FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-22.BCG	Test Dates: 11/28/2023 - 1/15/2024	EUT Type: Tablet Device	Page 185 of 577



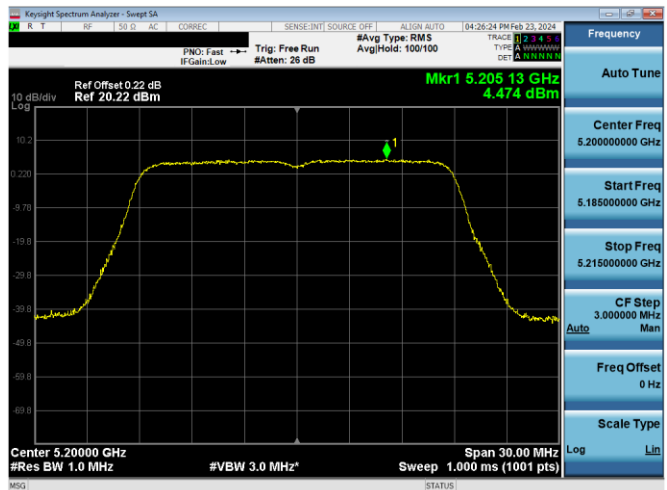
Plot 7-456. ISED PSD Antenna 4a (80MHz BW 11ac – Ch.42, MCS4)



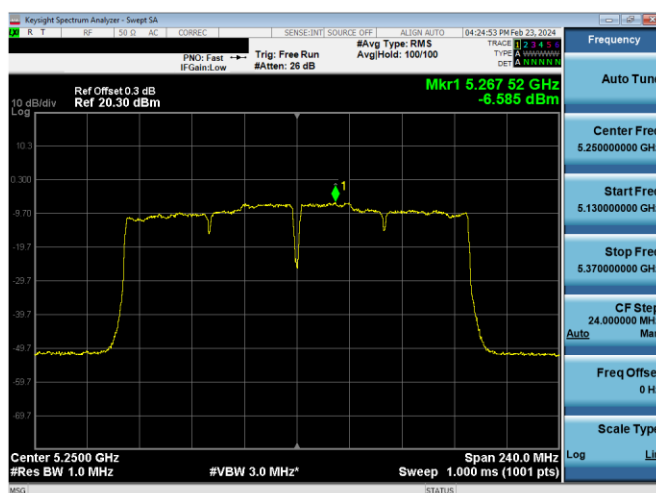
Plot 7-459. ISED PSD Antenna 4a (160MHz BW 11ax (SU) – Ch.50, MCS4)



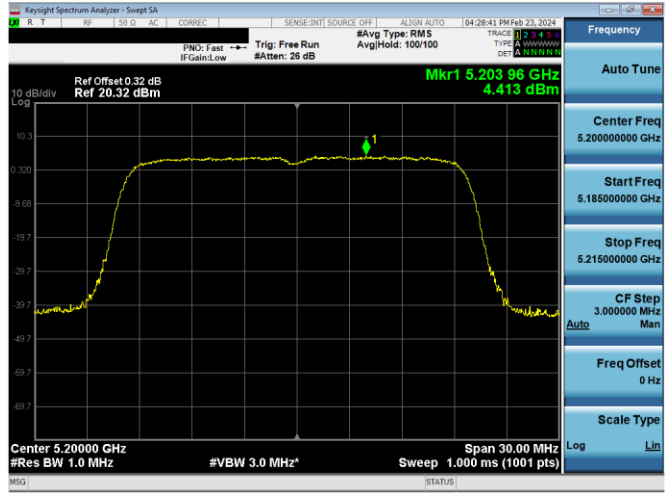
Plot 7-457. ISED PSD Antenna 4a (80MHz BW 11ax (SU) – Ch.42, MCS4)



Plot 7-460. ISED PSD Antenna 4a (20MHz BW 11n – Ch.40, MCS7)

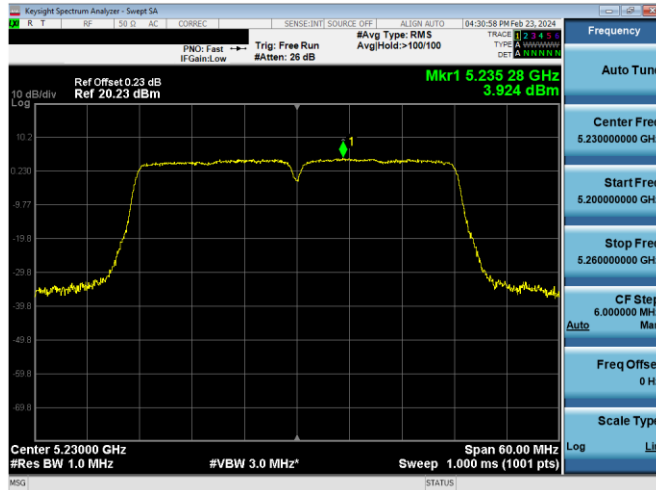


Plot 7-458. ISED PSD Antenna 4a (160MHz BW 11ac – Ch.50, MCS4)

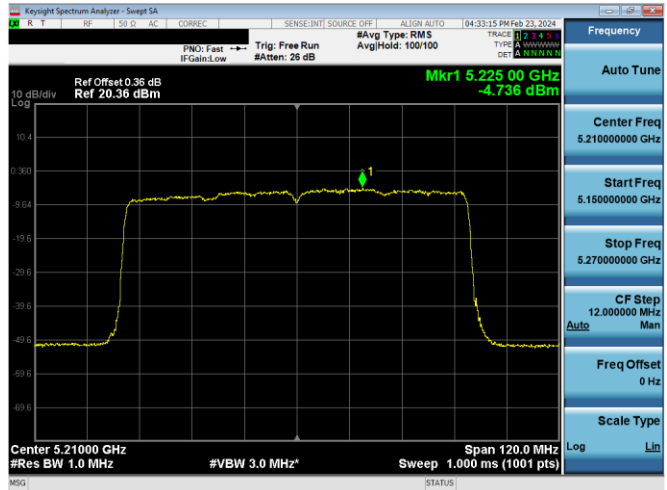


Plot 7-461. ISED PSD Antenna 4a (20MHz BW 11ax(SU) – Ch.40, MCS11)

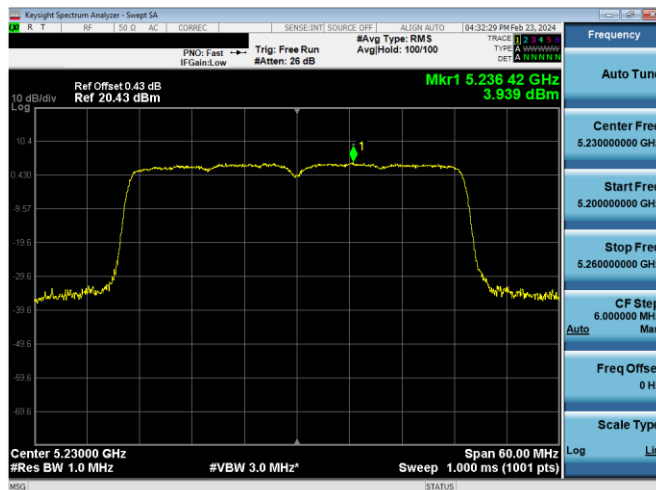
FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-22.BCG	Test Dates: 11/28/2023 - 1/15/2024	EUT Type: Tablet Device	Page 186 of 577



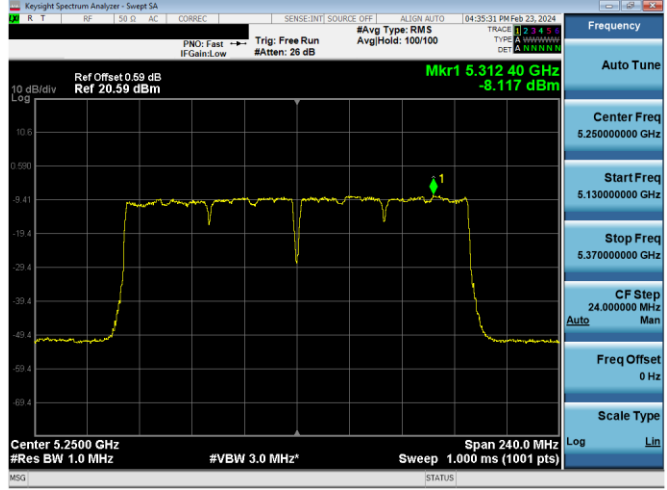
Plot 7-462. ISED PSD Antenna 4a (40MHz BW 11n – Ch.46, MCS7)



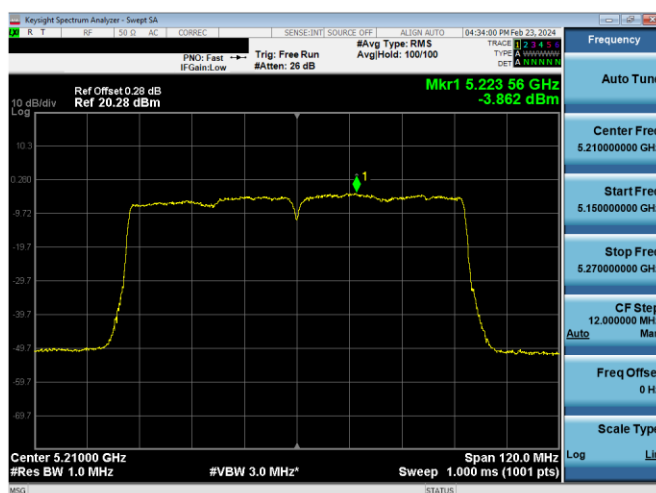
Plot 7-465. ISED PSD Antenna 4a (80MHz BW 11ax (SU) – Ch.42, MCS11)



Plot 7-463. ISED PSD Antenna 4a (40MHz BW 11ax(SU) – Ch.46, MCS11)



Plot 7-466. ISED PSD Antenna 4a (160MHz BW 11ac – Ch.50, MCS9)



Plot 7-464. ISED PSD Antenna 4a (80MHz BW 11ac – Ch.42, MCS9)



Plot 7-467. ISED PSD Antenna 4a (160MHz BW 11ax (SU) – Ch.50, 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 187 of 577

7.5.3 Antenna 2a 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)	7.61	11.00	-3.39
	5200	40	n (20MHz)	19.5/21.7 (MCS2)	8.11	11.00	-2.89
	5240	48	n (20MHz)	19.5/21.7 (MCS2)	8.08	11.00	-2.92
	5180	36	ax (SU) (20MHz)	24/25.8 (MCS2)	5.63	11.00	-5.38
	5200	40	ax (SU) (20MHz)	24/25.8 (MCS2)	6.88	11.00	-4.12
	5240	48	ax (SU) (20MHz)	24/25.8 (MCS2)	6.81	11.00	-4.19
	5190	38	n (40MHz)	40/40.5 (MCS2)	1.52	11.00	-9.48
	5230	46	n (40MHz)	40/40.5 (MCS2)	5.85	11.00	-5.16
	5190	38	ax (SU) (40MHz)	49/51.6 (MCS2)	0.30	11.00	-10.70
	5230	46	ax (SU) (40MHz)	49/51.6 (MCS2)	4.62	11.00	-6.38
	5210	42	ac (80MHz)	87.8/97.5 (MCS2)	-2.35	11.00	-13.35
	5210	42	ax (SU) (80MHz)	102/108.1 (MCS2)	-3.50	11.00	-14.50
Band 1/2	5250	50	ac (160MHz)	87.8/97.5 (MCS2)	-6.85	11.00	-17.85
	5250	50	ax (SU) (160MHz)	102/108.1 (MCS2)	-6.02	11.00	-17.02
Band 2A	5260	52	n (20MHz)	19.5/21.7 (MCS2)	7.94	11.00	-3.06
	5300	60	n (20MHz)	19.5/21.7 (MCS2)	7.82	11.00	-3.18
	5320	64	n (20MHz)	19.5/21.7 (MCS2)	7.78	11.00	-3.22
	5260	52	ax (SU) (20MHz)	24/25.8 (MCS2)	6.68	11.00	-4.32
	5300	60	ax (SU) (20MHz)	24/25.8 (MCS2)	6.37	11.00	-4.63
	5320	64	ax (SU) (20MHz)	24/25.8 (MCS2)	6.17	11.00	-4.83
	5270	54	n (40MHz)	40/40.5 (MCS2)	6.00	11.00	-5.00
	5310	62	n (40MHz)	40/40.5 (MCS2)	4.06	11.00	-6.94
	5270	54	ax (SU) (40MHz)	49/51.6 (MCS2)	4.35	11.00	-6.65
	5310	62	ax (SU) (40MHz)	49/51.6 (MCS2)	2.33	11.00	-8.67
	5290	58	ac (80MHz)	87.8/97.5 (MCS2)	0.26	11.00	-10.74
	5290	58	ax (SU) (80MHz)	102/108.1 (MCS2)	-1.48	11.00	-12.48
	5500	100	n (20MHz)	19.5/21.7 (MCS2)	6.84	11.00	-4.16
	5580	116	n (20MHz)	19.5/21.7 (MCS2)	7.64	11.00	-3.36
	*5600	120	n (20MHz)	19.5/21.7 (MCS2)	7.83	11.00	-3.17
Band 2C	5700	140	n (20MHz)	19.5/21.7 (MCS2)	7.55	11.00	-3.46
	5720	144	n (20MHz)	19.5/21.7 (MCS2)	7.67	11.00	-3.33
	5500	100	ax (SU) (20MHz)	24/25.8 (MCS2)	5.28	11.00	-5.73
	5580	116	ax (SU) (20MHz)	24/25.8 (MCS2)	6.43	11.00	-4.57
	*5600	120	ax (SU) (20MHz)	24/25.8 (MCS2)	6.51	11.00	-4.49
	5700	140	ax (SU) (20MHz)	24/25.8 (MCS2)	4.10	11.00	-6.91
	5720	144	ax (SU) (20MHz)	24/25.8 (MCS2)	6.11	11.00	-4.89
	5510	102	n (40MHz)	40/40.5 (MCS2)	2.96	11.00	-8.04
	5550	110	n (40MHz)	40/40.5 (MCS2)	5.47	11.00	-5.53
	*5590	118	n (40MHz)	40/40.5 (MCS2)	5.19	11.00	-5.81
	5670	134	n (40MHz)	40/40.5 (MCS2)	4.89	11.00	-6.11
	5710	142	n (40MHz)	40/40.5 (MCS2)	5.39	11.00	-5.61
	5510	102	ax (SU) (40MHz)	49/51.6 (MCS2)	-0.25	11.00	-11.25
	5550	110	ax (SU) (40MHz)	49/51.6 (MCS2)	3.61	11.00	-7.39
	*5590	118	ax (SU) (40MHz)	49/51.6 (MCS2)	3.94	11.00	-7.06
	5670	134	ax (SU) (40MHz)	49/51.6 (MCS2)	3.63	11.00	-7.37
	5710	142	ax (SU) (40MHz)	49/51.6 (MCS2)	4.00	11.00	-7.00
	5530	106	ac (80MHz)	87.8/97.5 (MCS2)	-0.38	11.00	-11.38
	*5610	122	ac (80MHz)	87.8/97.5 (MCS2)	1.94	11.00	-9.06
	5690	138	ac (80MHz)	87.8/97.5 (MCS2)	1.85	11.00	-9.15
	5530	106	ax (SU) (80MHz)	102/108.1 (MCS2)	-2.49	11.00	-13.49
	*5610	122	ax (SU) (80MHz)	102/108.1 (MCS2)	1.16	11.00	-9.84
	5690	138	ax (SU) (80MHz)	102/108.1 (MCS2)	0.72	11.00	-10.28
	*5570	114	ac (160MHz)	87.8/97.5 (MCS2)	-8.31	11.00	-19.31
	*5570	114	ax (SU) (160MHz)	102/108.1 (MCS2)	-8.13	11.00	-19.13

Table 7-218. Power Spectral Density Measurements Antenna 2a (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 188 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)	6.49	11.00	-4.51
	5200	40	n (20MHz)	39/43.3 (MCS4)	8.02	11.00	-2.98
	5240	48	n (20MHz)	39/43.3 (MCS4)	8.52	11.00	-2.48
	5180	36	ax (SU) (20MHz)	49/51.6 (MCS4)	4.30	11.00	-6.70
	5200	40	ax (SU) (20MHz)	49/51.6 (MCS4)	6.88	11.00	-4.12
	5240	48	ax (SU) (20MHz)	49/51.6 (MCS4)	6.54	11.00	-4.46
	5190	38	n (40MHz)	81/90 (MCS4)	1.82	11.00	-9.18
	5230	46	n (40MHz)	81/90 (MCS4)	6.15	11.00	-4.85
	5190	38	ax (SU) (40MHz)	98/103.2 (MCS4)	0.27	11.00	-10.73
	5230	46	ax (SU) (40MHz)	98/103.2 (MCS4)	4.83	11.00	-6.17
	5210	42	ac (80MHz)	175.5/195 (MCS4)	-1.91	11.00	-12.91
	5210	42	ax (SU) (80MHz)	204/216.2 (MCS4)	-4.51	11.00	-15.51
Band 1/2	5250	50	ac (160MHz)	175.5/195 (MCS4)	-7.24	11.00	-18.24
	5250	50	ax (SU) (160MHz)	204/216.2 (MCS4)	-5.83	11.00	-16.83
Band 2A	5260	52	n (20MHz)	39/43.3 (MCS4)	7.84	11.00	-3.16
	5300	60	n (20MHz)	39/43.3 (MCS4)	7.29	11.00	-3.71
	5320	64	n (20MHz)	39/43.3 (MCS4)	6.77	11.00	-4.23
	5260	52	ax (SU) (20MHz)	49/51.6 (MCS4)	5.95	11.00	-5.05
	5300	60	ax (SU) (20MHz)	49/51.6 (MCS4)	5.65	11.00	-5.35
	5320	64	ax (SU) (20MHz)	49/51.6 (MCS4)	4.84	11.00	-6.16
	5270	54	n (40MHz)	81/90 (MCS4)	5.28	11.00	-5.72
	5310	62	n (40MHz)	81/90 (MCS4)	2.32	11.00	-8.68
	5270	54	ax (SU) (40MHz)	98/103.2 (MCS4)	3.71	11.00	-7.29
	5310	62	ax (SU) (40MHz)	98/103.2 (MCS4)	0.53	11.00	-10.47
	5290	58	ac (80MHz)	175.5/195 (MCS4)	-1.67	11.00	-12.67
	5290	58	ax (SU) (80MHz)	204/216.2 (MCS4)	-2.77	11.00	-13.77
Band 2C	5500	100	n (20MHz)	39/43.3 (MCS4)	5.68	11.00	-5.32
	5580	116	n (20MHz)	39/43.3 (MCS4)	6.91	11.00	-4.09
	*5600	120	n (20MHz)	39/43.3 (MCS4)	6.73	11.00	-4.28
	5700	140	n (20MHz)	39/43.3 (MCS4)	5.57	11.00	-5.43
	5720	144	n (20MHz)	39/43.3 (MCS4)	6.96	11.00	-4.05
	5500	100	ax (SU) (20MHz)	49/51.6 (MCS4)	3.50	11.00	-7.50
	5580	116	ax (SU) (20MHz)	49/51.6 (MCS4)	5.60	11.00	-5.40
	*5600	120	ax (SU) (20MHz)	49/51.6 (MCS4)	6.04	11.00	-4.96
	5700	140	ax (SU) (20MHz)	49/51.6 (MCS4)	2.91	11.00	-8.09
	5720	144	ax (SU) (20MHz)	49/51.6 (MCS4)	5.67	11.00	-5.34
	5510	102	n (40MHz)	81/90 (MCS4)	1.31	11.00	-9.69
	5550	110	n (40MHz)	81/90 (MCS4)	4.66	11.00	-6.34
	*5590	118	n (40MHz)	81/90 (MCS4)	4.59	11.00	-6.41
	5670	134	n (40MHz)	81/90 (MCS4)	4.57	11.00	-6.43
	5710	142	n (40MHz)	81/90 (MCS4)	4.60	11.00	-6.40
	5510	102	ax (SU) (40MHz)	98/103.2 (MCS4)	-0.50	11.00	-11.50
	5550	110	ax (SU) (40MHz)	98/103.2 (MCS4)	3.19	11.00	-7.81
	*5590	118	ax (SU) (40MHz)	98/103.2 (MCS4)	3.18	11.00	-7.82
	5670	134	ax (SU) (40MHz)	98/103.2 (MCS4)	2.11	11.00	-8.89
	5710	142	ax (SU) (40MHz)	98/103.2 (MCS4)	3.98	11.00	-7.03
	5530	106	ac (80MHz)	175.5/195 (MCS4)	-2.66	11.00	-13.66
	*5610	122	ac (80MHz)	175.5/195 (MCS4)	0.46	11.00	-10.54
	5690	138	ac (80MHz)	175.5/195 (MCS4)	0.72	11.00	-10.28
	5530	106	ax (SU) (80MHz)	204/216.2 (MCS4)	-4.25	11.00	-15.25
	*5610	122	ax (SU) (80MHz)	204/216.2 (MCS4)	-0.88	11.00	-11.88
	5690	138	ax (SU) (80MHz)	204/216.2 (MCS4)	-0.15	11.00	-11.15
	*5570	114	ac (160MHz)	175.5/195 (MCS4)	-8.42	11.00	-19.42
	*5570	114	ax (SU) (160MHz)	204/216.2 (MCS4)	-9.41	11.00	-20.41

Table 7-219. Power Spectral Density Measurements Antenna 2a (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 189 of 577

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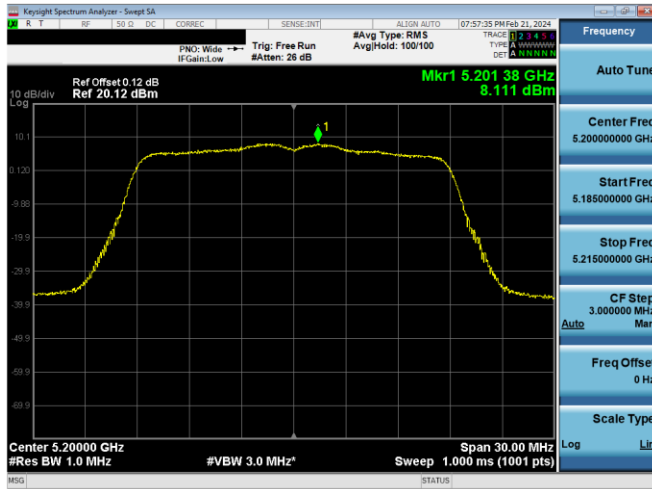
	Frequency [MHz]	Channel No.	802.11 MODE	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	65/72.2 (MCS7)	4.21	11.00	-6.79
	5200	40	n (20MHz)	65/72.2 (MCS7)	6.70	11.00	-4.30
	5240	48	n (20MHz)	65/72.2 (MCS7)	6.54	11.00	-4.46
	5180	36	ax (SU) (20MHz)	135/143.4 (MCS11)	3.76	11.00	-7.24
	5200	40	ax (SU) (20MHz)	135/143.4 (MCS11)	6.63	11.00	-4.38
	5240	48	ax (SU) (20MHz)	135/143.4 (MCS11)	6.28	11.00	-4.72
	5190	38	n (40MHz)	135/150 (MCS7)	-0.44	11.00	-11.44
	5230	46	n (40MHz)	135/150 (MCS7)	4.28	11.00	-6.73
	5190	38	ax (SU) (40MHz)	271/286 (MCS11)	-1.06	11.00	-12.06
	5230	46	ax (SU) (40MHz)	271/286 (MCS11)	3.99	11.00	-7.01
	5210	42	ac (80MHz)	390/433.3 (MCS9)	-4.43	11.00	-15.43
	5210	42	ax (SU) (80MHz)	567/600.5 (MCS11)	-4.72	11.00	-15.72
Band 1/2	5250	50	ac (160MHz)	390/433.3 (MCS9)	-7.15	11.00	-18.15
	5250	50	ax (SU) (160MHz)	567/600.5 (MCS11)	-7.75	11.00	-18.75
Band 2A	5260	52	n (20MHz)	65/72.2 (MCS7)	6.68	11.00	-4.32
	5300	60	n (20MHz)	65/72.2 (MCS7)	6.22	11.00	-4.78
	5320	64	n (20MHz)	65/72.2 (MCS7)	4.57	11.00	-6.43
	5260	52	ax (SU) (20MHz)	135/143.4 (MCS11)	6.40	11.00	-4.60
	5300	60	ax (SU) (20MHz)	135/143.4 (MCS11)	6.22	11.00	-4.78
	5320	64	ax (SU) (20MHz)	135/143.4 (MCS11)	4.02	11.00	-6.98
	5270	54	n (40MHz)	135/150 (MCS7)	4.20	11.00	-6.80
	5310	62	n (40MHz)	135/150 (MCS7)	-0.09	11.00	-11.09
	5270	54	ax (SU) (40MHz)	271/286 (MCS11)	4.08	11.00	-6.92
	5310	62	ax (SU) (40MHz)	271/286 (MCS11)	-0.72	11.00	-11.72
	5290	58	ac (80MHz)	390/433.3 (MCS9)	-3.76	11.00	-14.76
	5290	58	ax (SU) (80MHz)	567/600.5 (MCS11)	-3.83	11.00	-14.83
Band 2C	5500	100	n (20MHz)	65/72.2 (MCS7)	2.45	11.00	-8.56
	5580	116	n (20MHz)	65/72.2 (MCS7)	5.77	11.00	-5.23
	*5600	120	n (20MHz)	65/72.2 (MCS7)	6.03	11.00	-4.97
	5700	140	n (20MHz)	65/72.2 (MCS7)	2.78	11.00	-8.23
	5720	144	n (20MHz)	65/72.2 (MCS7)	5.99	11.00	-5.01
	5500	100	ax (SU) (20MHz)	135/143.4 (MCS11)	2.56	11.00	-8.44
	5580	116	ax (SU) (20MHz)	135/143.4 (MCS11)	5.90	11.00	-5.10
	*5600	120	ax (SU) (20MHz)	135/143.4 (MCS11)	5.70	11.00	-5.30
	5700	140	ax (SU) (20MHz)	135/143.4 (MCS11)	1.64	11.00	-9.36
	5720	144	ax (SU) (20MHz)	135/143.4 (MCS11)	6.05	11.00	-4.95
	5510	102	n (40MHz)	135/150 (MCS7)	-1.91	11.00	-12.91
	5550	110	n (40MHz)	135/150 (MCS7)	2.46	11.00	-8.54
	*5590	118	n (40MHz)	135/150 (MCS7)	3.53	11.00	-7.47
	5670	134	n (40MHz)	135/150 (MCS7)	0.20	11.00	-10.80
	5710	142	n (40MHz)	135/150 (MCS7)	3.23	11.00	-7.77
	5510	102	ax (SU) (40MHz)	271/286 (MCS11)	-2.00	11.00	-13.00
	5550	110	ax (SU) (40MHz)	271/286 (MCS11)	1.95	11.00	-9.05
	*5590	118	ax (SU) (40MHz)	271/286 (MCS11)	3.25	11.00	-7.75
	5670	134	ax (SU) (40MHz)	271/286 (MCS11)	0.04	11.00	-10.96
	5710	142	ax (SU) (40MHz)	271/286 (MCS11)	3.34	11.00	-7.66
	5530	106	ac (80MHz)	390/433.3 (MCS9)	-5.92	11.00	-16.92
	*5610	122	ac (80MHz)	390/433.3 (MCS9)	-1.12	11.00	-12.12
	5690	138	ac (80MHz)	390/433.3 (MCS9)	-0.39	11.00	-11.39
	5530	106	ax (SU) (80MHz)	567/600.5 (MCS11)	-5.62	11.00	-16.62
	*5610	122	ax (SU) (80MHz)	567/600.5 (MCS11)	-1.58	11.00	-12.58
	5690	138	ax (SU) (80MHz)	567/600.5 (MCS11)	-0.10	11.00	-11.10
	*5570	114	ac (160MHz)	390/433.3 (MCS9)	-9.91	11.00	-20.91
	*5570	114	ax (SU) (160MHz)	567/600.5 (MCS11)	-10.64	11.00	-21.64

Table 7-220. Power Spectral Density Measurements Antenna 2a (High Data Rate)

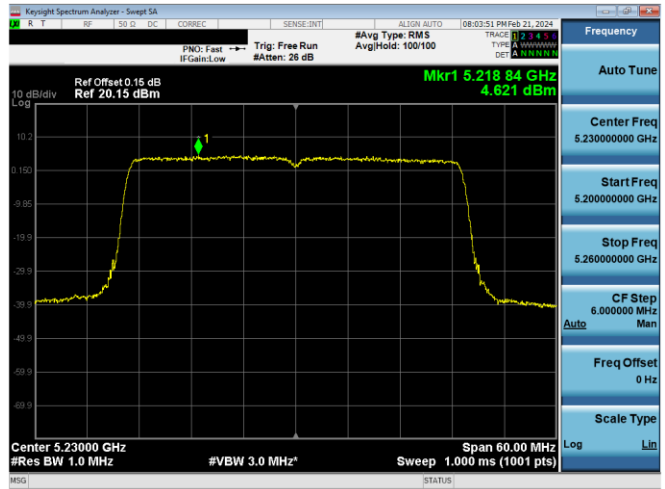
*TDWR channel is not supported for ISSED (denoted by a * next to the frequency)

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 190 of 577

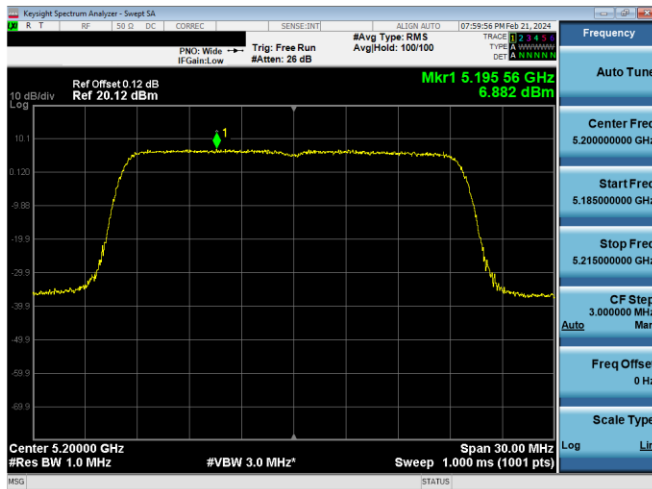
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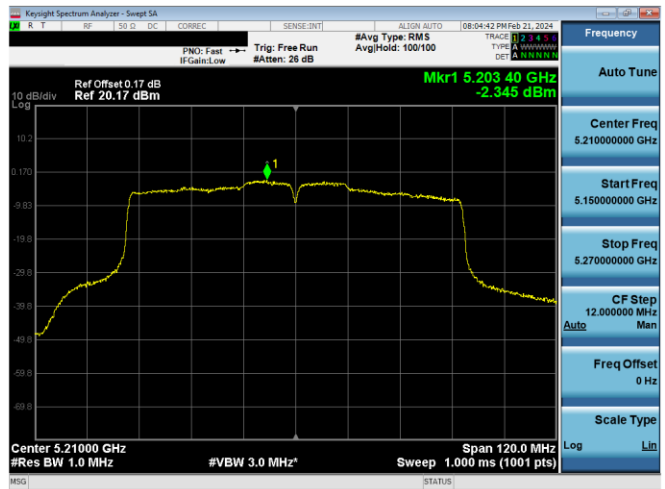
Plot 7-468. PSD Antenna 2a (20MHz BW 802.11n – Ch. 40, MCS2)



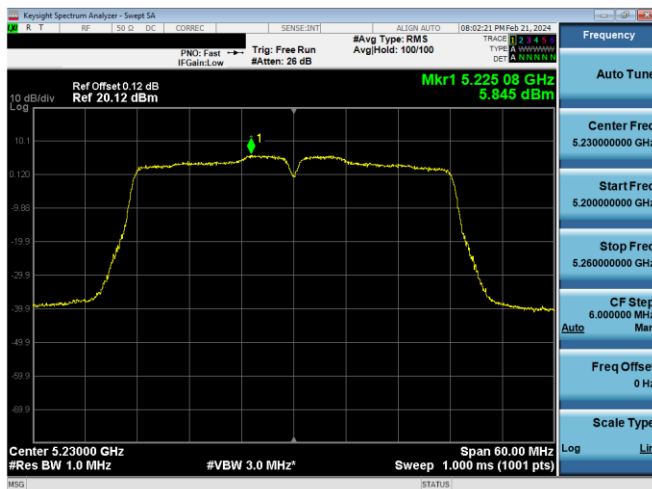
Plot 7-471. PSD Antenna 2a (40MHz BW 802.11ax(SU) – Ch. 46, MCS2)



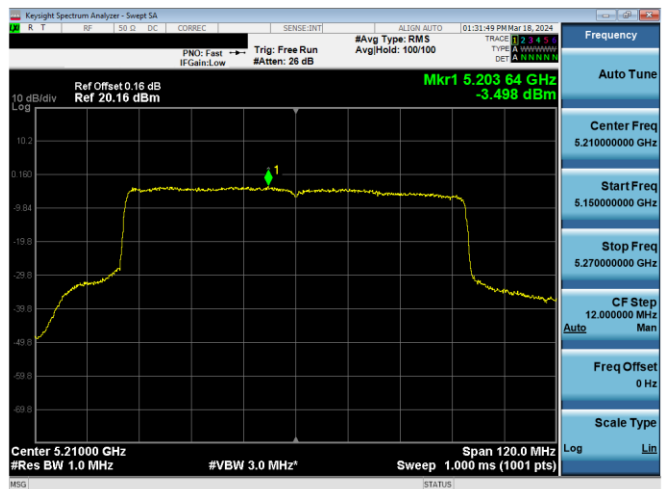
Plot 7-469. PSD Antenna 2a (20MHz BW 802.11ax(SU) – Ch. 40, MCS2)



Plot 7-472. PSD Antenna 2a (80MHz BW 802.11ac – Ch. 42, MCS2)

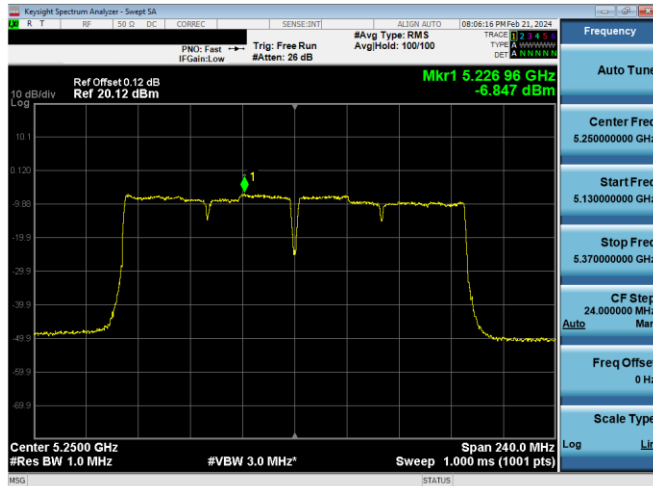


Plot 7-470. PSD Antenna 2a (40MHz BW 802.11n – Ch. 46, MCS2)

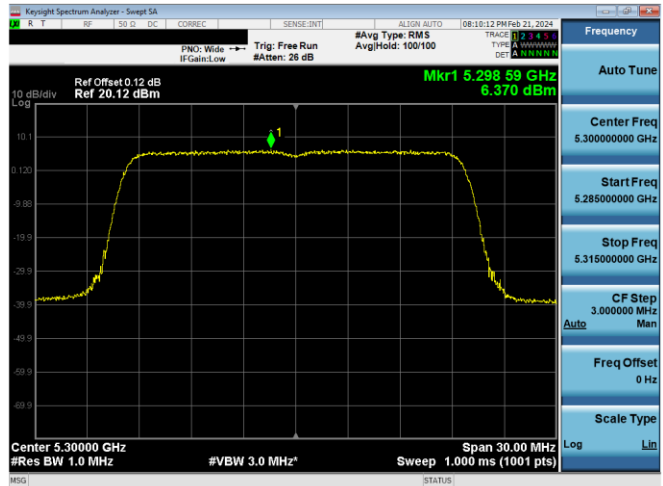


Plot 7-473. PSD Antenna 2a (80MHz BW 802.11ax(SU) – Ch. 42, MCS2)

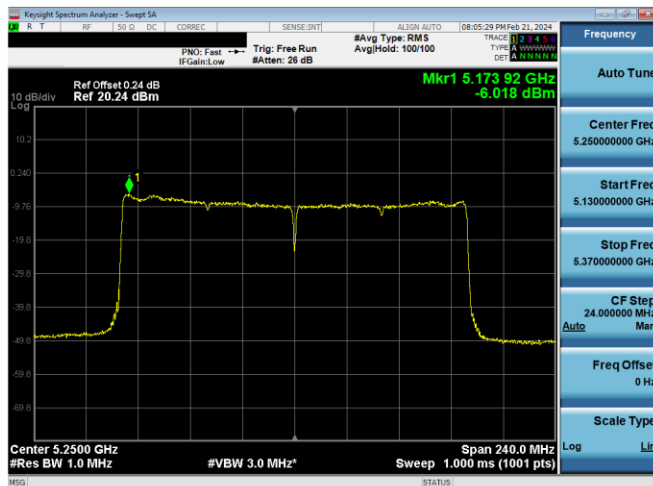
FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-22.BCG	Test Dates: 11/28/2023 - 1/15/2024	EUT Type: Tablet Device	Page 191 of 577



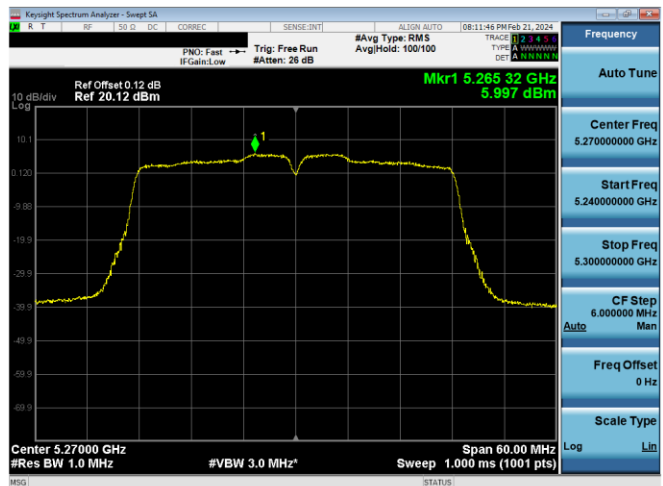
Plot 7-474. PSD Antenna 2a (160MHz BW 802.11ac – Ch. 50, MCS2)



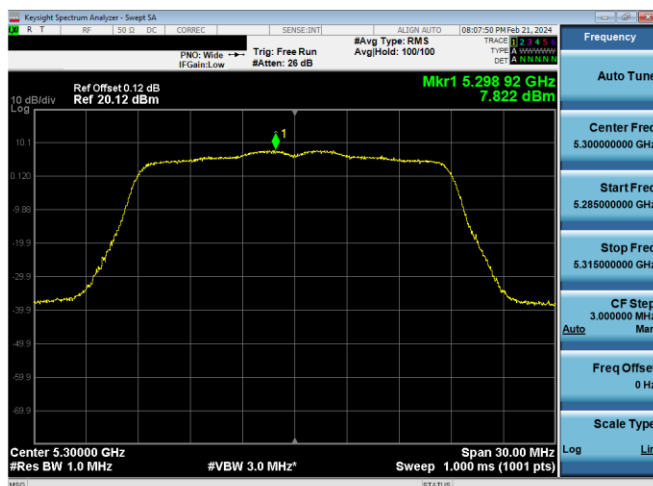
Plot 7-477. PSD Antenna 2a (20MHz BW 802.11ax(SU) – Ch. 60, MCS2)



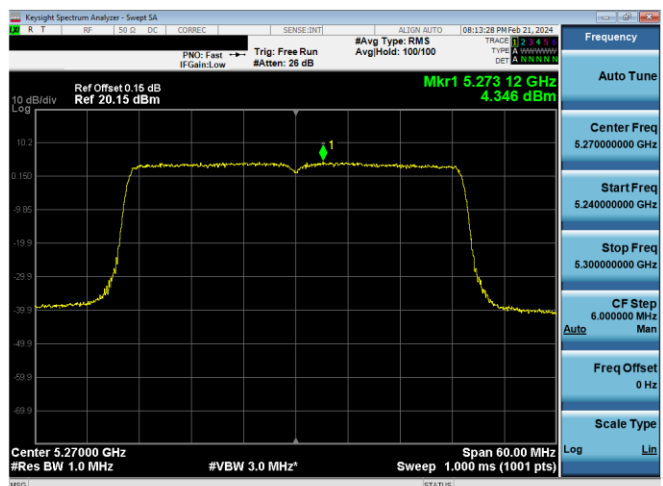
Plot 7-475. PSD Antenna 2a (160MHz BW 802.11ax(SU) – Ch. 50, MCS2)



Plot 7-478. PSD Antenna 2a (40MHz BW 802.11n – Ch. 54, MCS2)

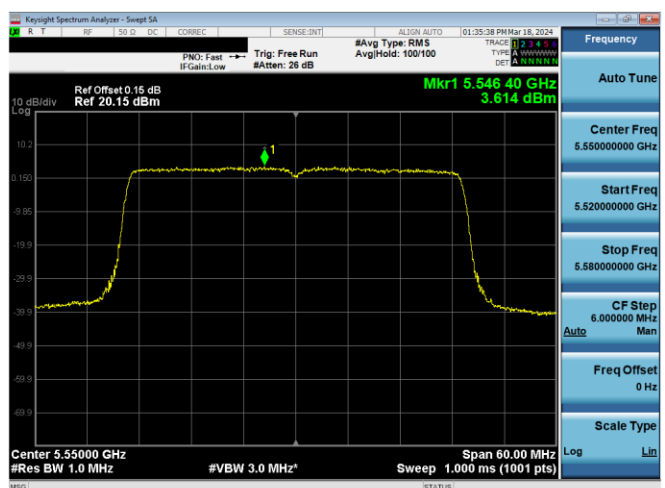
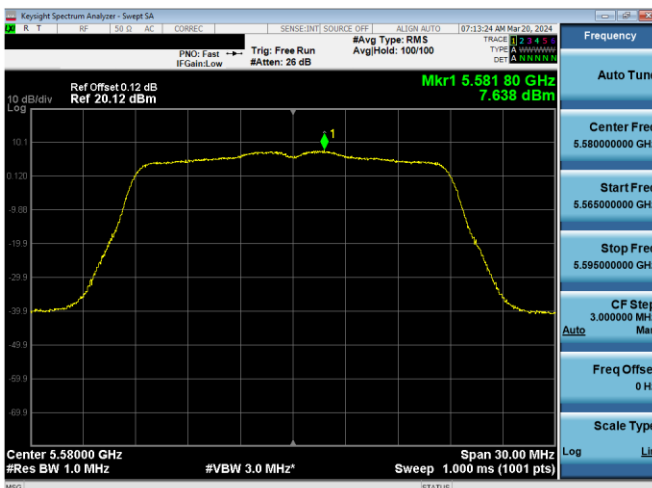
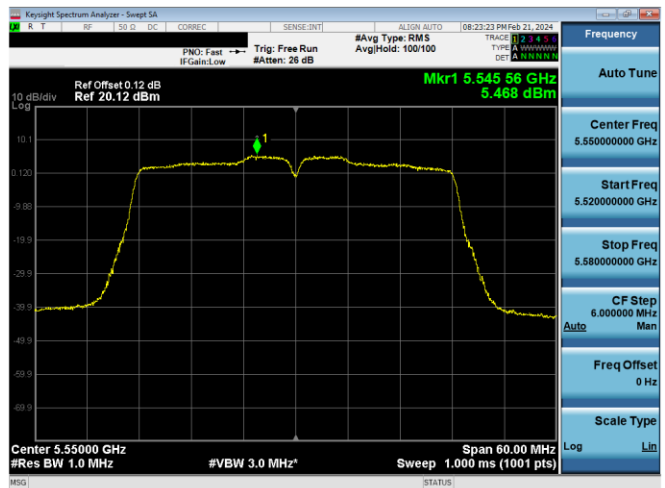
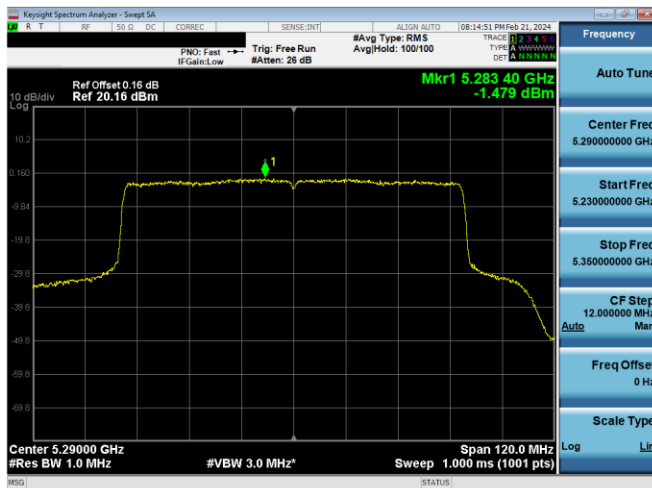
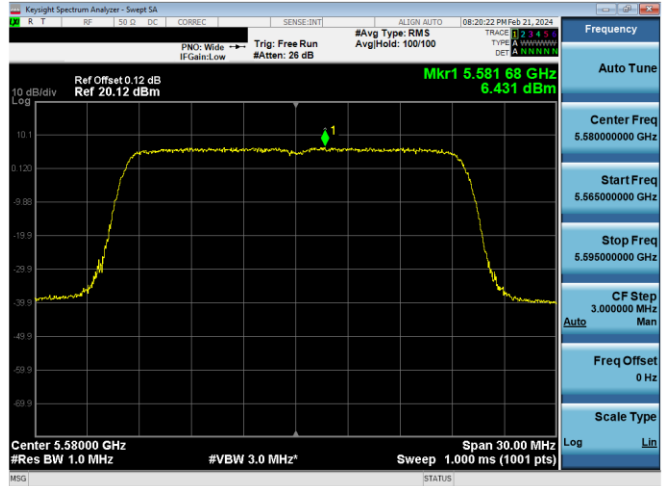
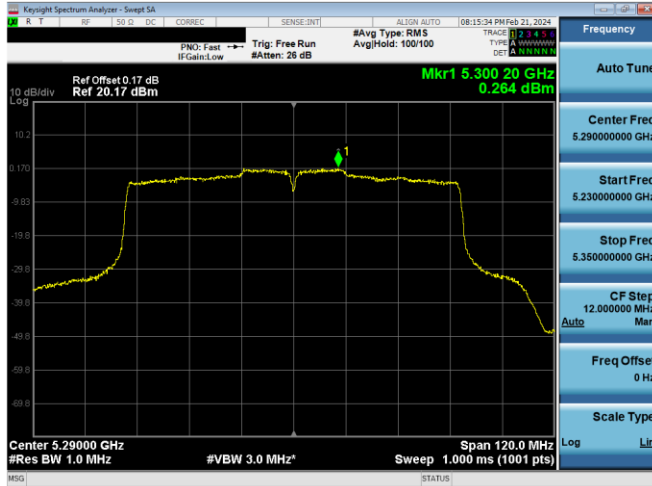


Plot 7-476. PSD Antenna 2a (20MHz BW 802.11n – Ch. 60, MCS2)

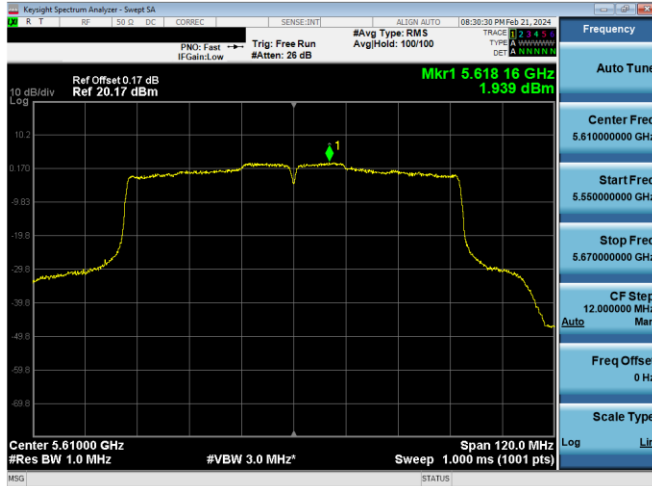


Plot 7-479. PSD Antenna 2a (40MHz BW 802.11ax(SU) – Ch. 54, MCS2)

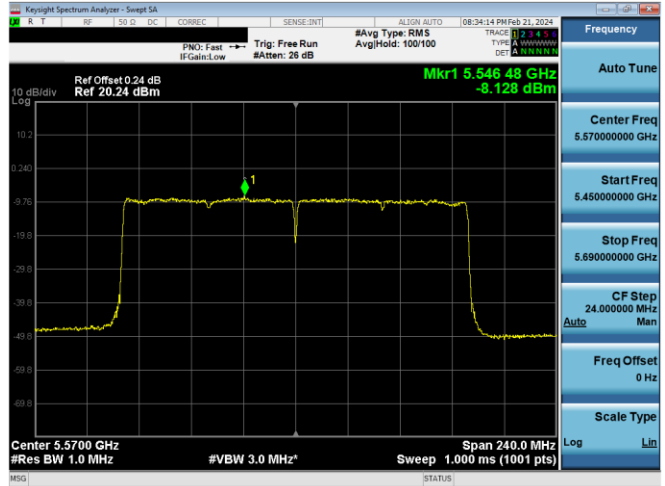
FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-22.BCG	Test Dates: 11/28/2023 - 1/15/2024	EUT Type: Tablet Device	Page 192 of 577



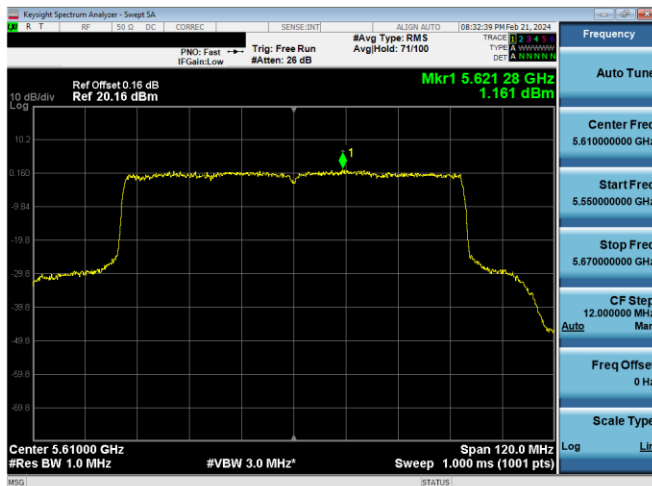
FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-22.BCG	Test Dates: 11/28/2023 - 1/15/2024	EUT Type: Tablet Device	Page 193 of 577



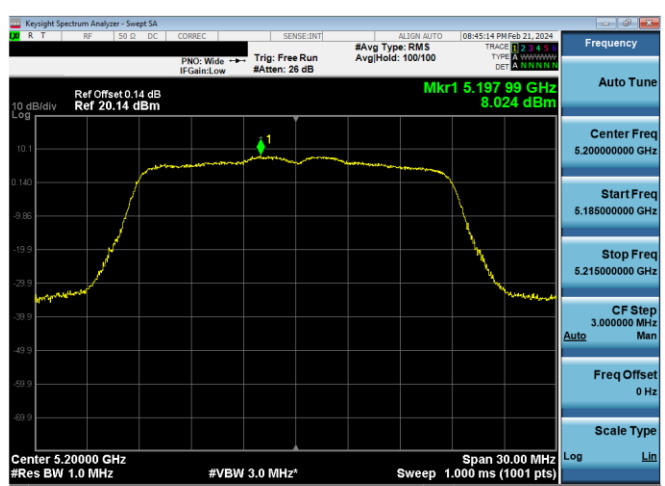
Plot 7-486. PSD Antenna 2a (80MHz BW 802.11ac – Ch. 122, MCS2)



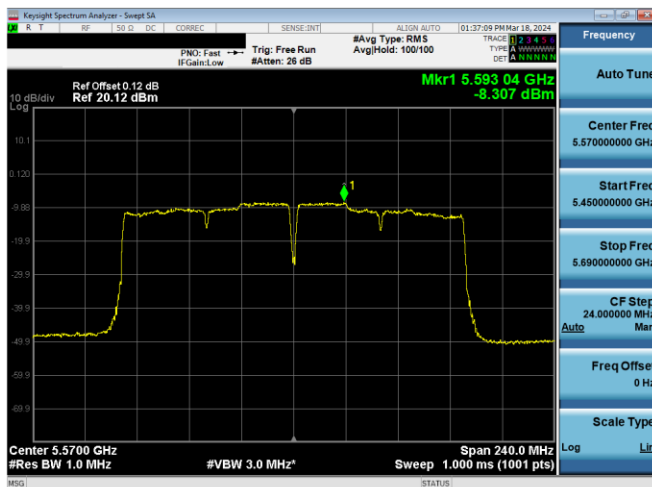
Plot 7-489. PSD Antenna 2a (160MHz BW 802.11ax(SU) – Ch. 114, MCS2)



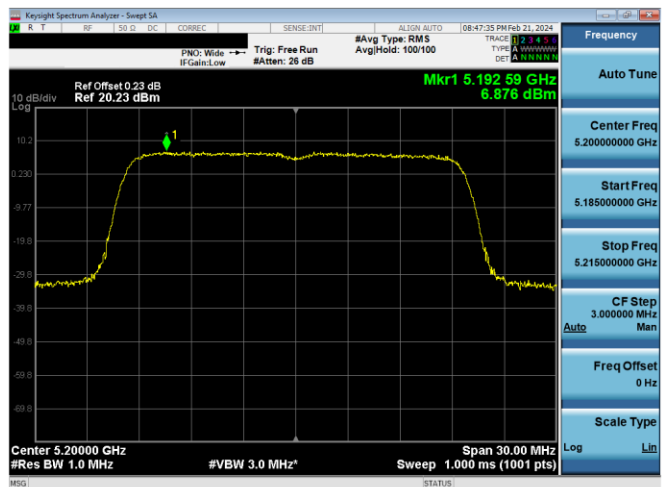
Plot 7-487. PSD Antenna 2a (80MHz BW 802.11ax(SU) – Ch. 122, MCS2)



Plot 7-490. PSD Antenna 2a (20MHz BW 802.11n – Ch. 40, MCS4)

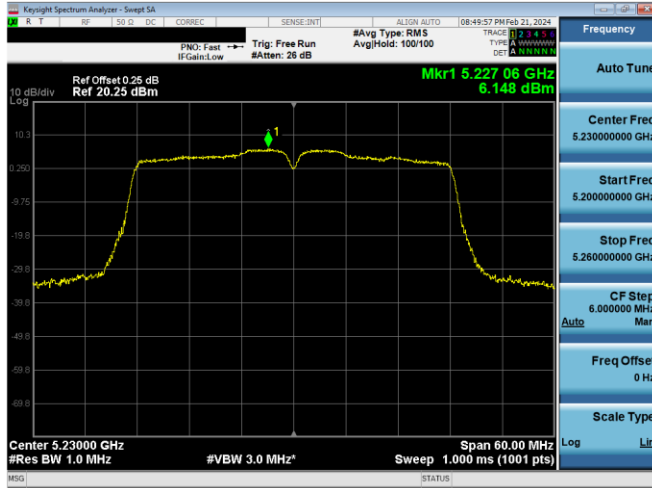


Plot 7-488. PSD Antenna 2a (160MHz BW 802.11ac – Ch. 114, MCS2)

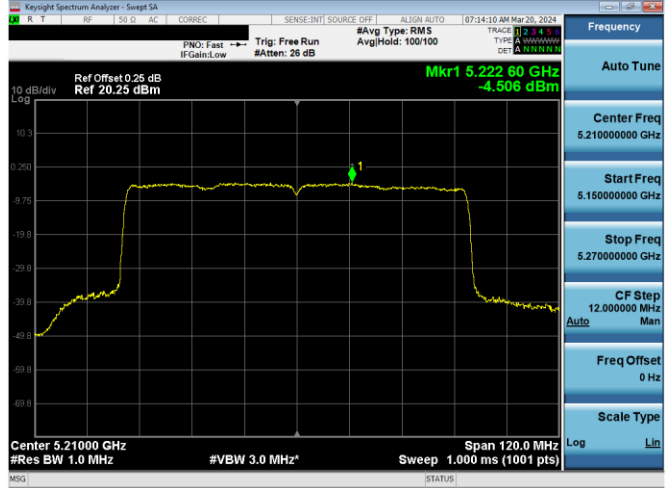


Plot 7-491. PSD Antenna 2a (20MHz BW 802.11ax(SU) – Ch. 40, MCS4)

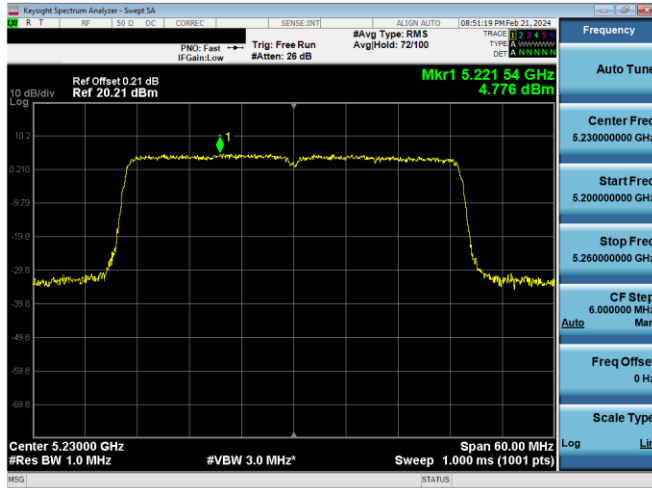
FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-22.BCG	Test Dates: 11/28/2023 - 1/15/2024	EUT Type: Tablet Device	Page 194 of 577



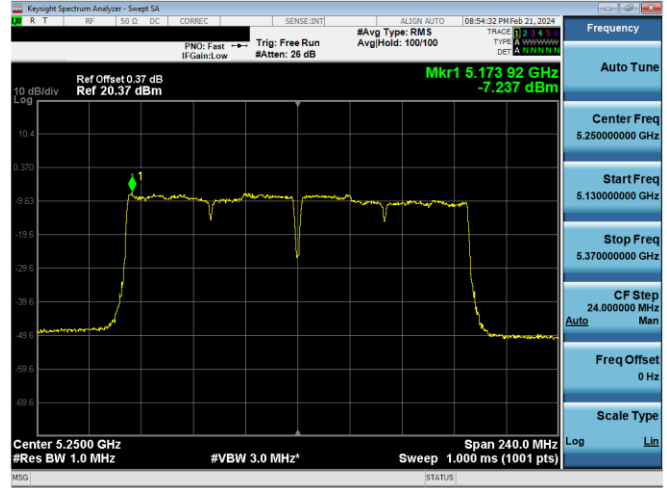
Plot 7-492. PSD Antenna 2a (40MHz BW 802.11n – Ch. 46, MCS4)



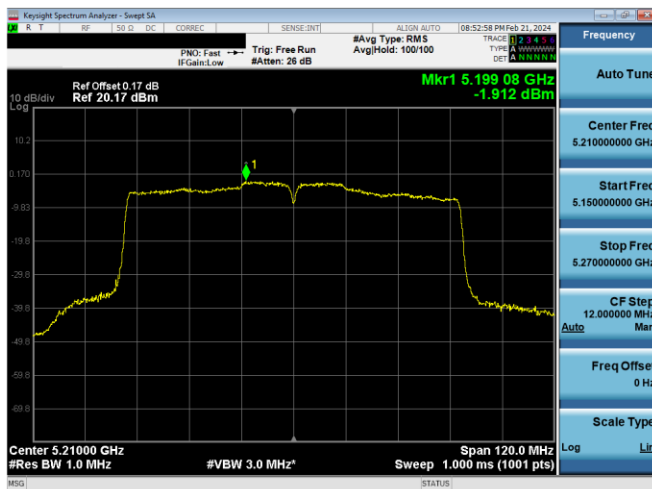
Plot 7-495. PSD Antenna 2a (80MHz BW 802.11ax(SU) – Ch. 42, MCS4)



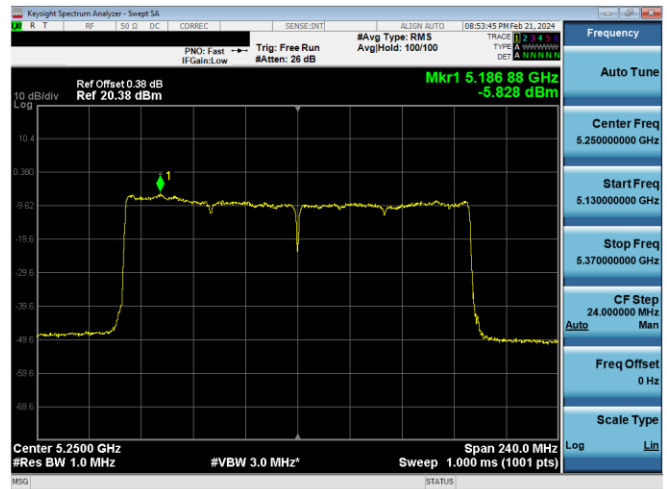
Plot 7-493. PSD Antenna 2a (40MHz BW 802.11ax(SU) – Ch. 46, MCS4)



Plot 7-496. PSD Antenna 2a (160MHz BW 802.11ac – Ch. 50, MCS4)

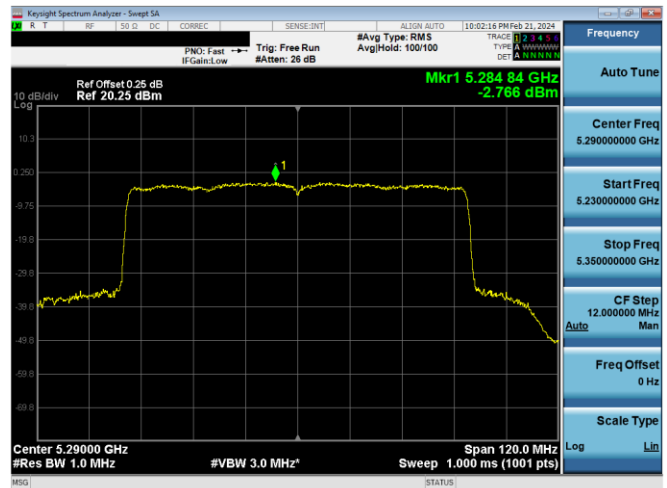
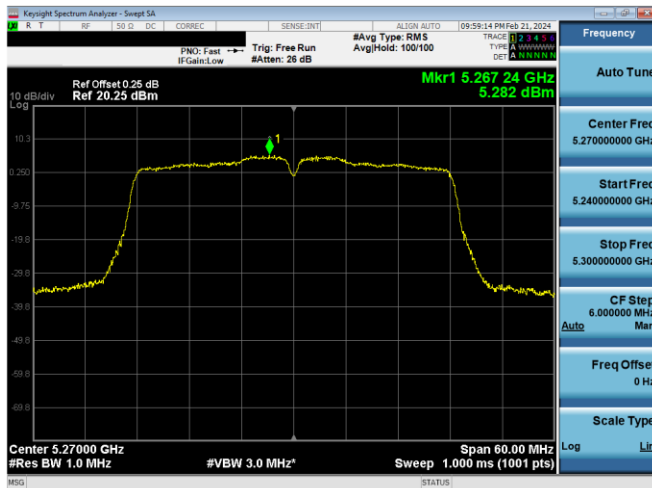
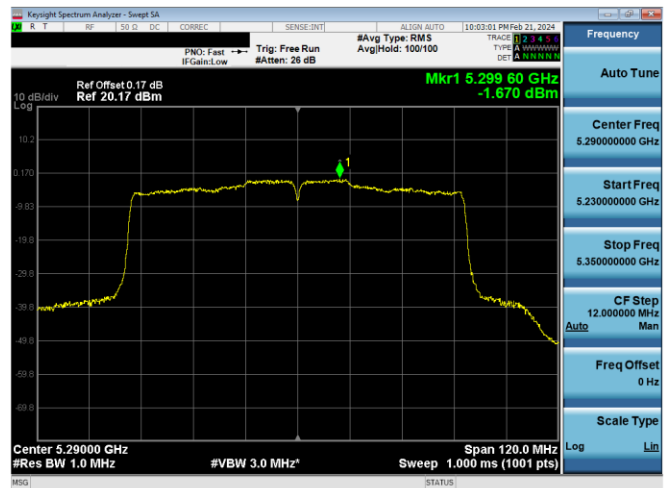
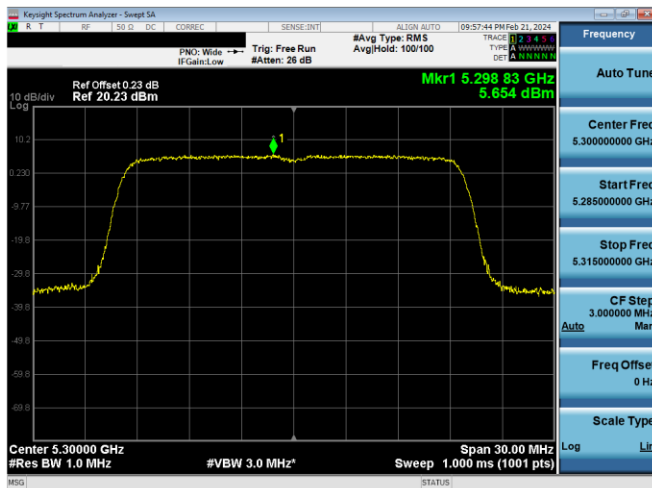
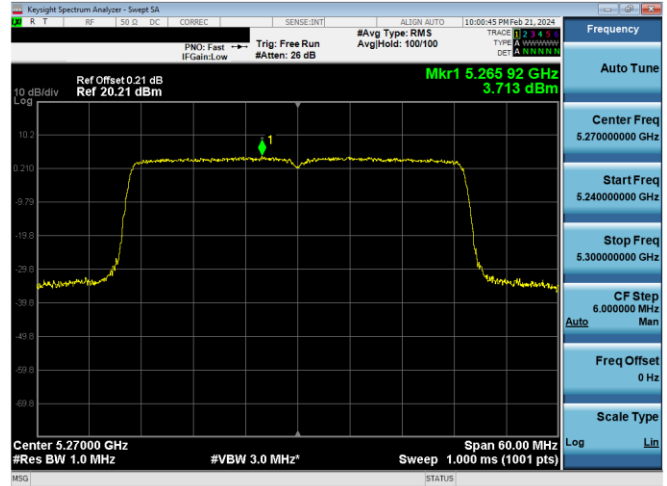
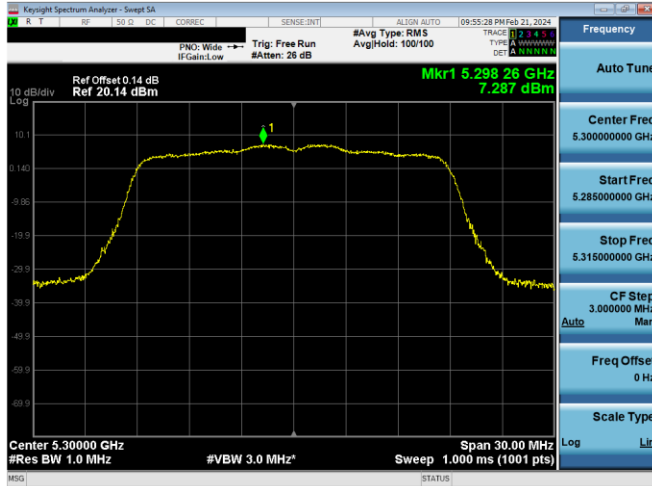


Plot 7-494. PSD Antenna 2a (80MHz BW 802.11ac – Ch. 42, MCS4)

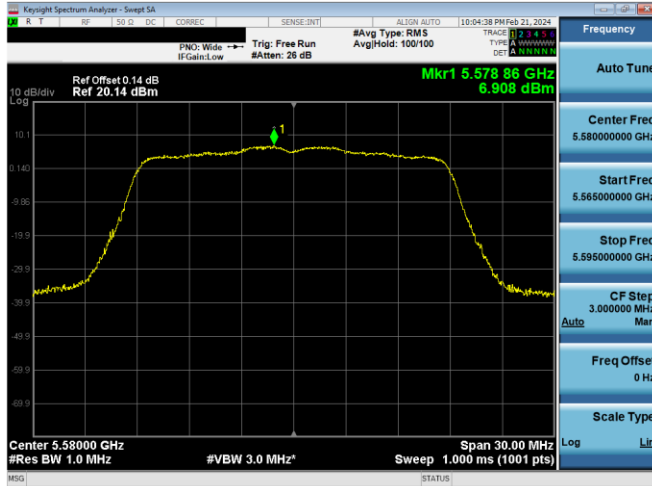


Plot 7-497. PSD Antenna 2a (160MHz BW 802.11ax(SU) – Ch. 50, MCS4)

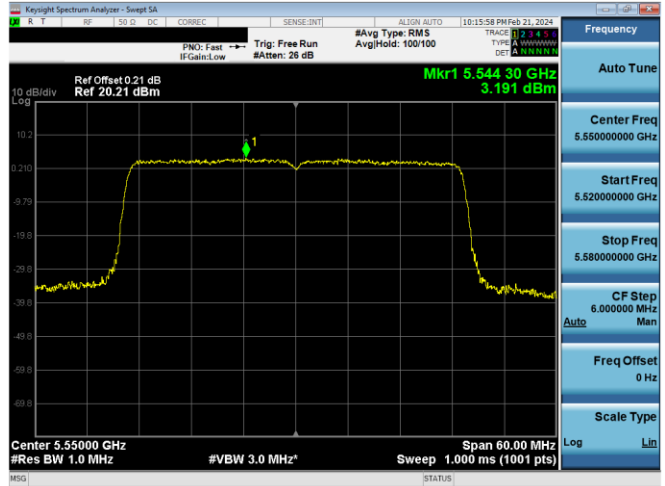
FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-22.BCG	Test Dates: 11/28/2023 - 1/15/2024	EUT Type: Tablet Device	Page 195 of 577



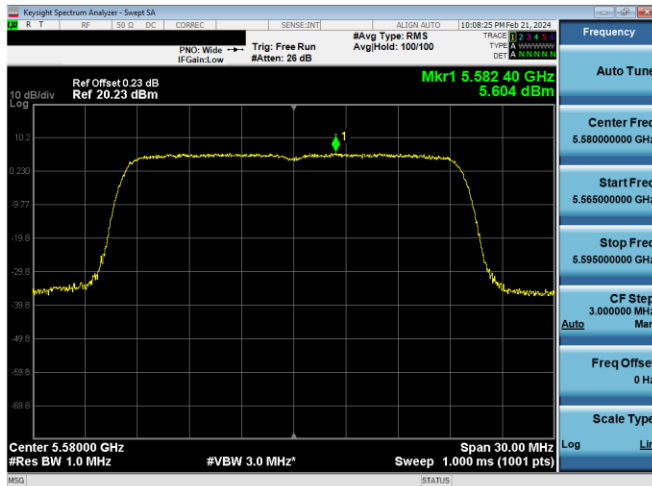
FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-22.BCG	Test Dates: 11/28/2023 - 1/15/2024	EUT Type: Tablet Device	Page 196 of 577



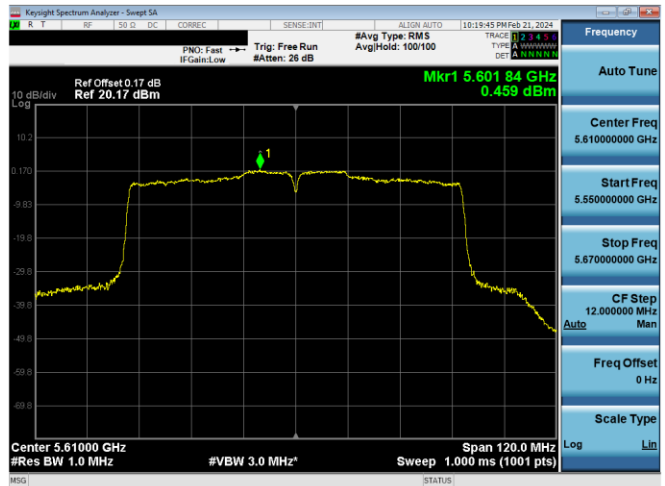
Plot 7-504. PSD Antenna 2a (20MHz BW 802.11n – Ch. 116, MCS4)



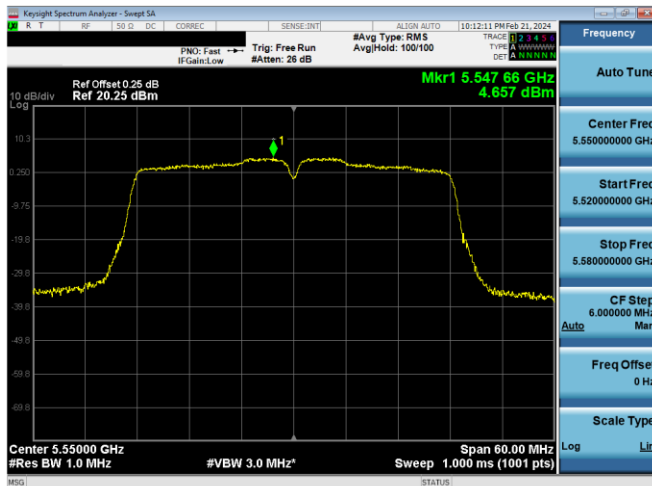
Plot 7-507. PSD Antenna 2a (40MHz BW 802.11ax(SU) – Ch. 110, MCS4)



Plot 7-505. PSD Antenna 2a (20MHz BW 802.11ax(SU) – Ch. 116, MCS4)



Plot 7-508. PSD Antenna 2a (80MHz BW 802.11ac – Ch. 122, MCS4)



Plot 7-506. PSD Antenna 2a (40MHz BW 802.11n – Ch. 110, MCS4)



Plot 7-509. PSD Antenna 2a (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 197 of 577