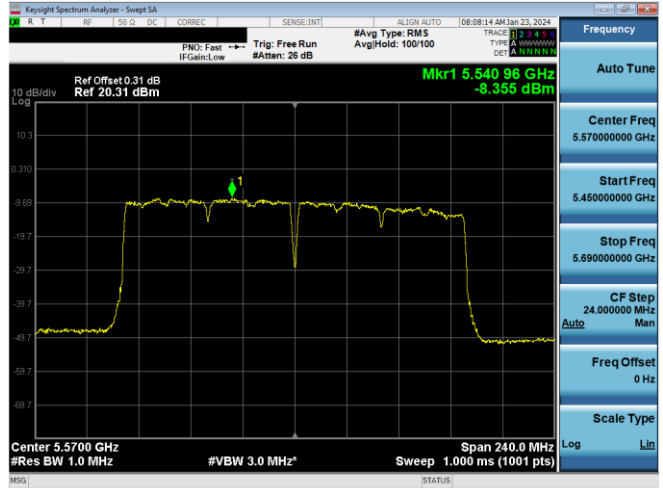
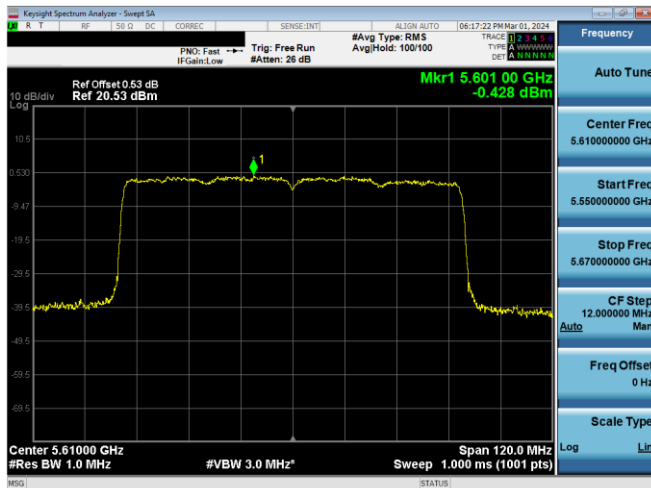


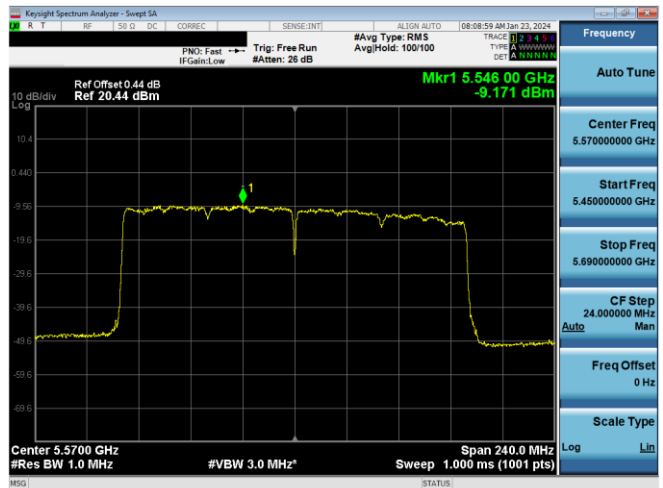
Plot 7-423. PSD Antenna 3b (80MHz BW 802.11ac – Ch. 122, MCS9)



Plot 7-425. PSD Antenna 3b (160MHz BW 802.11ac – Ch. 114, MCS9)



Plot 7-424. PSD Antenna 3b (80MHz BW 802.11ax(SU) – Ch. 122, MCS11)



Plot 7-426. PSD Antenna 3b (160MHz BW 802.11ax(SU) – Ch. 114, MCS11)

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-24-R1.BCG	Test Dates: 11/29/2023 - 1/19/2024	EUT Type: Tablet Device	Page 172 of 594

	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)	6.45	30.0	-23.55
	5785	157	n (20MHz)	19.5/21.7 (MCS2)	6.51	30.0	-23.49
	5825	165	n (20MHz)	19.5/21.7 (MCS2)	6.49	30.0	-23.51
	5745	149	ax (SU) (20MHz)	24/25.8 (MCS2)	4.95	30.0	-25.05
	5785	157	ax (SU) (20MHz)	24/25.8 (MCS2)	5.10	30.0	-24.90
	5825	165	ax (SU) (20MHz)	24/25.8 (MCS2)	4.73	30.0	-25.27
	5755	151	n (40MHz)	40/40.5 (MCS2)	4.22	30.0	-25.78
	5795	159	n (40MHz)	40/40.5 (MCS2)	3.75	30.0	-26.25
	5755	151	ax (SU) (40MHz)	49/51.6 (MCS2)	3.18	30.0	-26.82
	5795	159	ax (SU) (40MHz)	49/51.6 (MCS2)	2.92	30.0	-27.09
	5775	155	ac (80MHz)	87.8/97.5 (MCS2)	-0.74	30.0	-30.74
	5775	155	ax (SU) (80MHz)	102/108.1 (MCS2)	-1.91	30.0	-31.91

**Table 7-212. Band 3 Power Spectral Density Measurements Antenna 3b (Low Data Rate)**

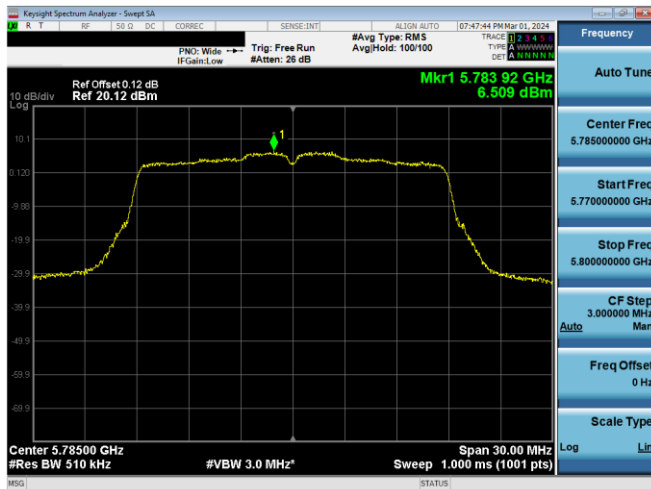
	Frequency [MHz]	Channel	802.11 MODE	Data Rate [Mbps]	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	39/43.3 (MCS4)	6.63	30.0	-23.38
	5785	157	n (20MHz)	39/43.3 (MCS4)	6.54	30.0	-23.46
	5825	165	n (20MHz)	39/43.3 (MCS4)	6.39	30.0	-23.61
	5745	149	ax (SU) (20MHz)	49/51.6 (MCS4)	5.10	30.0	-24.90
	5785	157	ax (SU) (20MHz)	49/51.6 (MCS4)	4.95	30.0	-25.05
	5825	165	ax (SU) (20MHz)	49/51.6 (MCS4)	5.00	30.0	-25.00
	5755	151	n (40MHz)	81/90 (MCS4)	4.06	30.0	-25.94
	5795	159	n (40MHz)	81/90 (MCS4)	3.82	30.0	-26.18
	5755	151	ax (SU) (40MHz)	98/103.2 (MCS4)	2.92	30.0	-27.08
	5795	159	ax (SU) (40MHz)	98/103.2 (MCS4)	2.59	30.0	-27.41
	5775	155	ac (80MHz)	175.5/195 (MCS4)	-1.18	30.0	-31.18
	5775	155	ax (SU) (80MHz)	204/216.2 (MCS4)	-2.76	30.0	-32.76

**Table 7-213. Band 3 Power Spectral Density Measurements Antenna 3b (Mid Data Rate)**

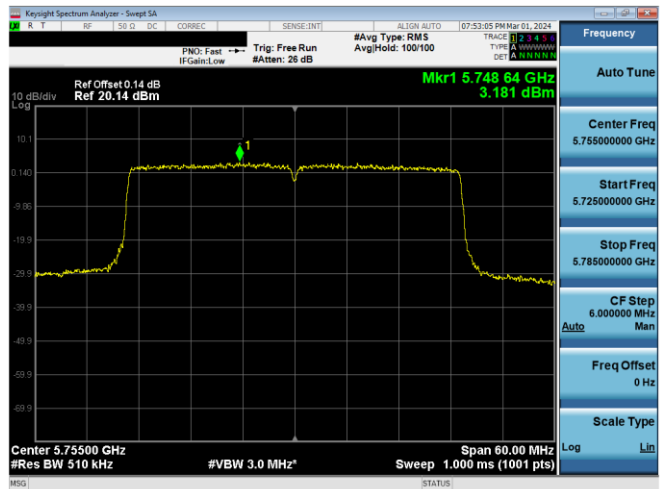
	Frequency [MHz]	Channel	802.11 MODE	Data Rate [Mbps]	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	65/72.2 (MCS7)	5.27	30.0	-24.73
	5785	157	n (20MHz)	65/72.2 (MCS7)	5.11	30.0	-24.89
	5825	165	n (20MHz)	65/72.2 (MCS7)	5.55	30.0	-24.45
	5745	149	ax (SU) (20MHz)	135/143.4 (MCS11)	5.08	30.0	-24.92
	5785	157	ax (SU) (20MHz)	135/143.4 (MCS11)	5.46	30.0	-24.54
	5825	165	ax (SU) (20MHz)	135/143.4 (MCS11)	5.47	30.0	-24.53
	5755	151	n (40MHz)	135/150 (MCS7)	3.37	30.0	-26.63
	5795	159	n (40MHz)	135/150 (MCS7)	2.77	30.0	-27.23
	5755	151	ax (SU) (40MHz)	271/286 (MCS11)	3.50	30.0	-26.50
	5795	159	ax (SU) (40MHz)	271/286 (MCS11)	2.90	30.0	-27.10
	5775	155	ac (80MHz)	390/433.3 (MCS9)	-2.66	30.0	-32.66
	5775	155	ax (SU) (80MHz)	567/600.5 (MCS11)	-2.63	30.0	-32.63

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

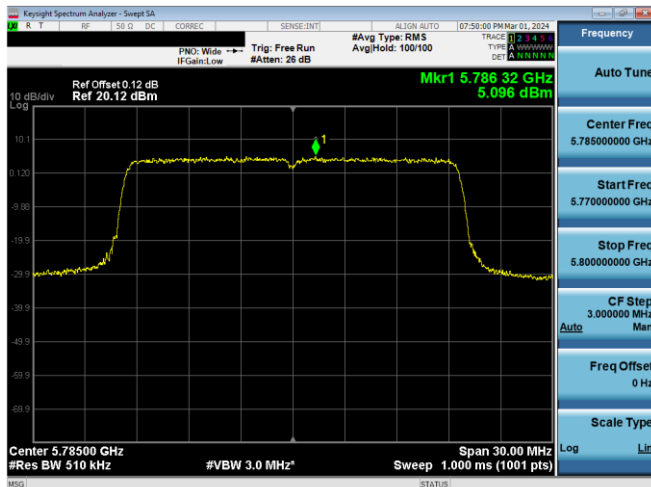
FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-24-R1.BCG	Test Dates: 11/29/2023 - 1/19/2024	EUT Type: Tablet Device	Page 173 of 594



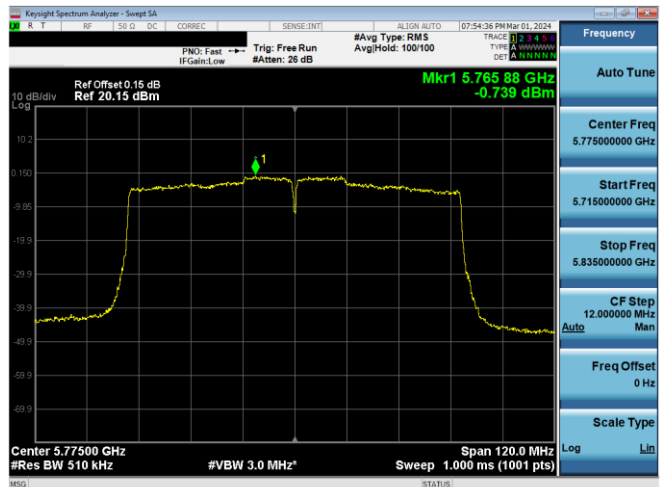
Plot 7-427. PSD Antenna 3b (20MHz BW 802.11n – Ch. 157, MCS2)



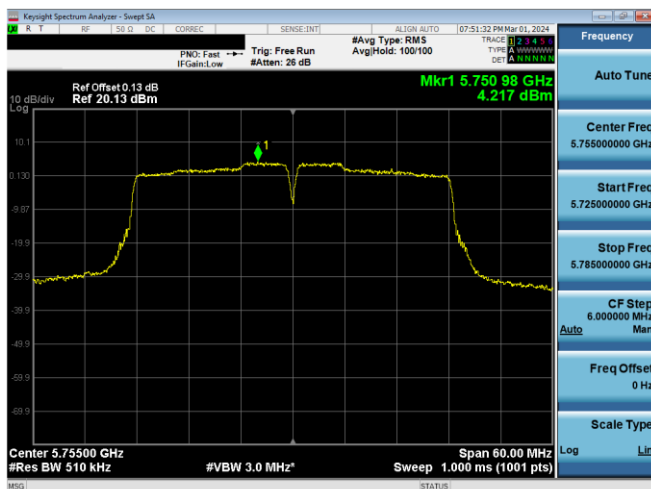
Plot 7-430. PSD Antenna 3b (40MHz BW 802.11ax(SU) – Ch. 151, MCS2)



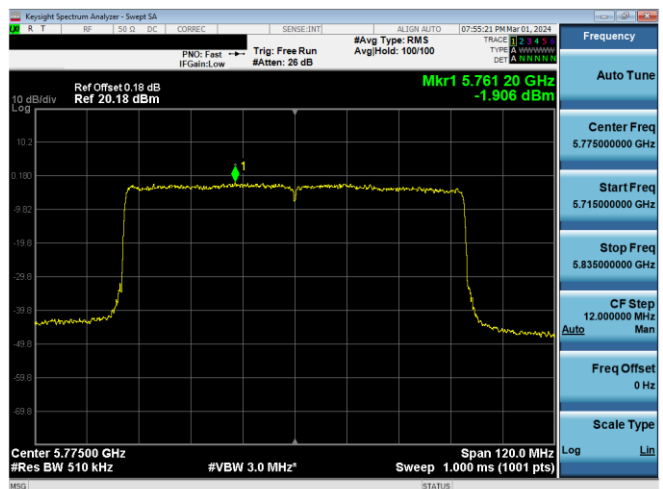
Plot 7-428. PSD Antenna 3b (20MHz BW 802.11ax(SU) – Ch. 157, MCS2)



Plot 7-431. PSD Antenna 3b (80MHz BW 802.11ac – Ch. 155, MCS2)

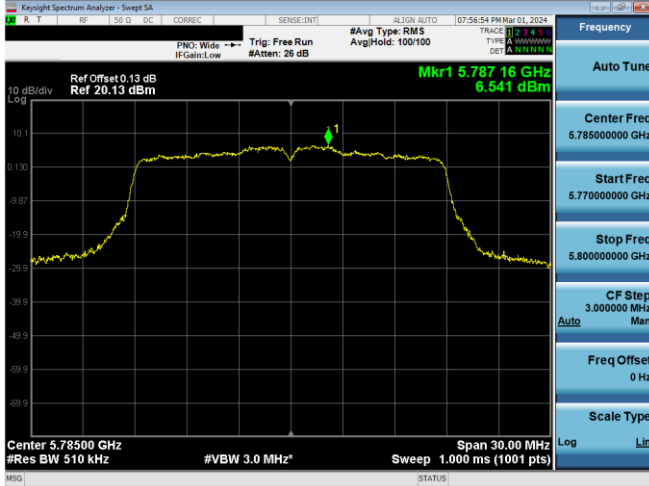


Plot 7-429. PSD Antenna 3b (40MHz BW 802.11n – Ch. 151, MCS2)

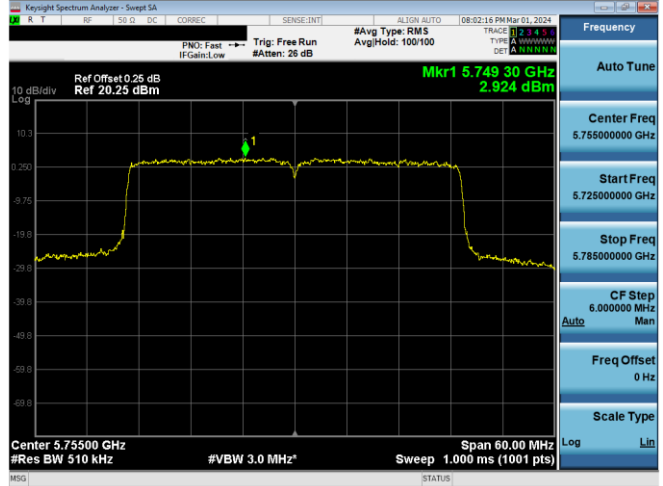


Plot 7-432. PSD Antenna 3b (80MHz BW 802.11ax SU – Ch. 155, MCS2)

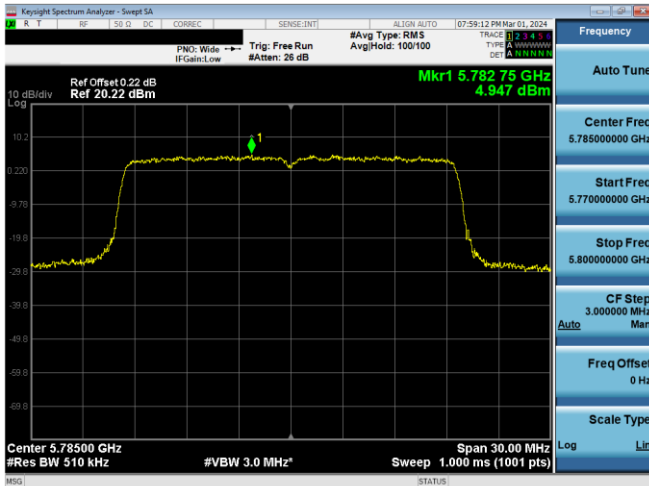
FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-24-R1.BCG	Test Dates: 11/29/2023 - 1/19/2024	EUT Type: Tablet Device	Page 174 of 594



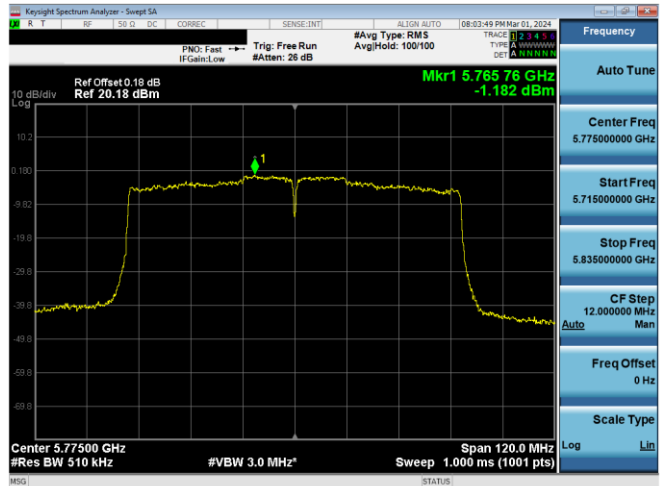
Plot 7-433. PSD Antenna 3b (20MHz BW 802.11n – Ch. 157, MCS4)



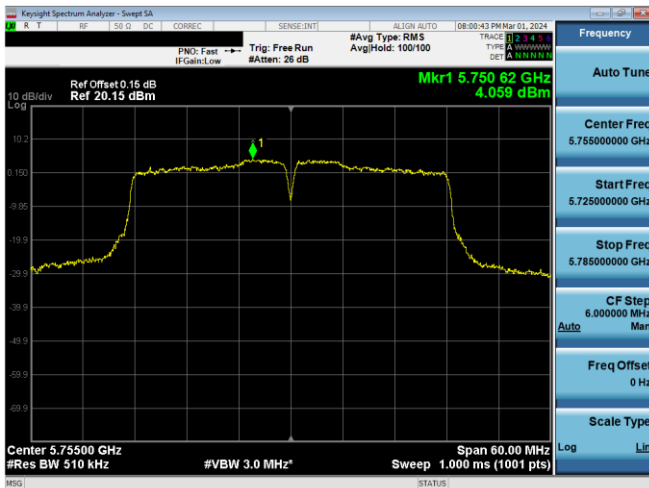
Plot 7-436. PSD Antenna 3b (40MHz BW 802.11ax(SU) – Ch. 151, MCS4)



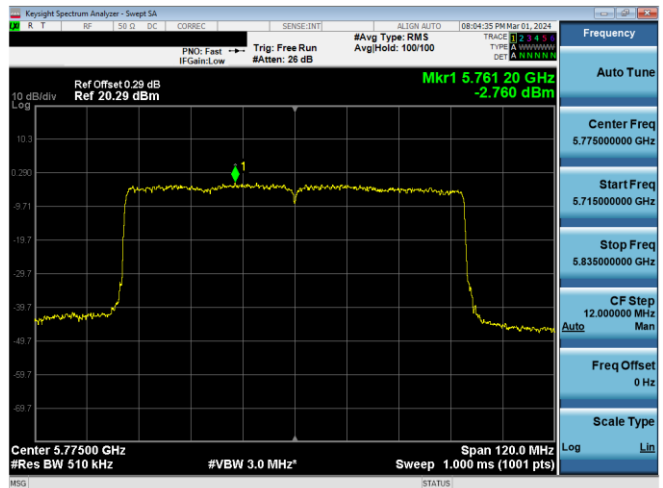
Plot 7-434. PSD Antenna 3b (20MHz BW 802.11ax(SU) – Ch. 157, MCS4)



Plot 7-437. PSD Antenna 3b (80MHz BW 802.11ac – Ch. 155, MCS4)

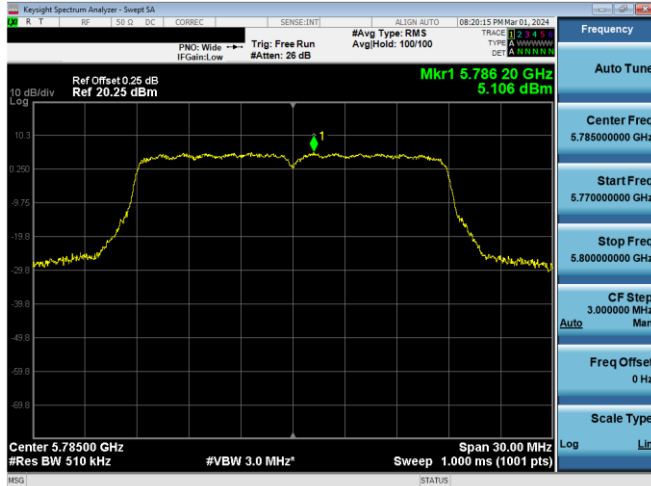


Plot 7-435. PSD Antenna 3b (40MHz BW 802.11n – Ch. 151, MCS4)

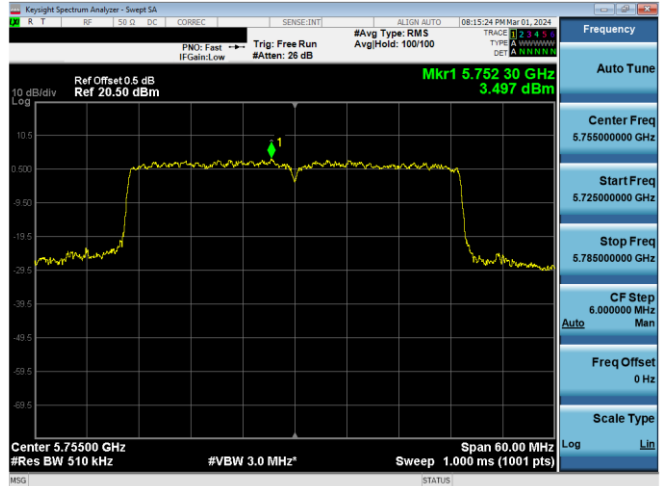


Plot 7-438. PSD Antenna 3b (80MHz BW 802.11ax SU – Ch. 155, MCS4)

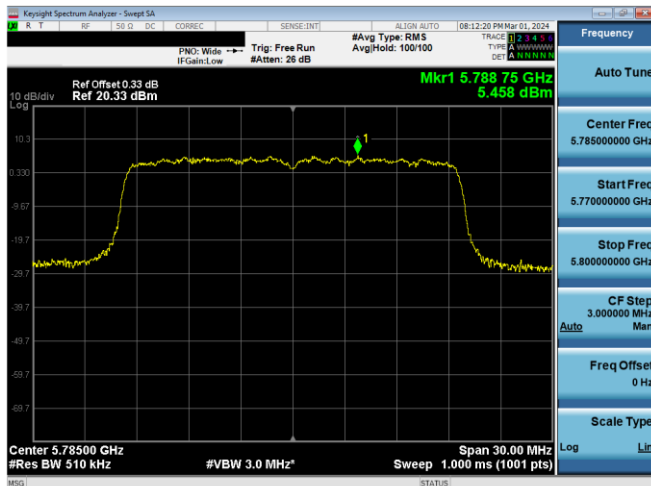
FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-24-R1.BCG	Test Dates: 11/29/2023 - 1/19/2024	EUT Type: Tablet Device	Page 175 of 594



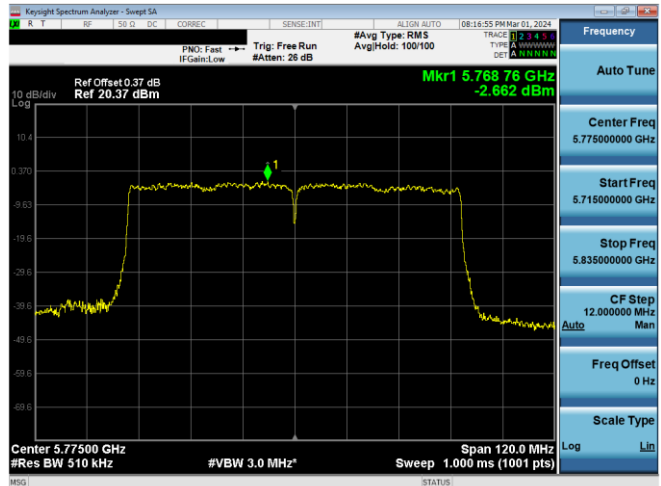
Plot 7-439. PSD Antenna 3b (20MHz BW 802.11n – Ch. 157, MCS7)



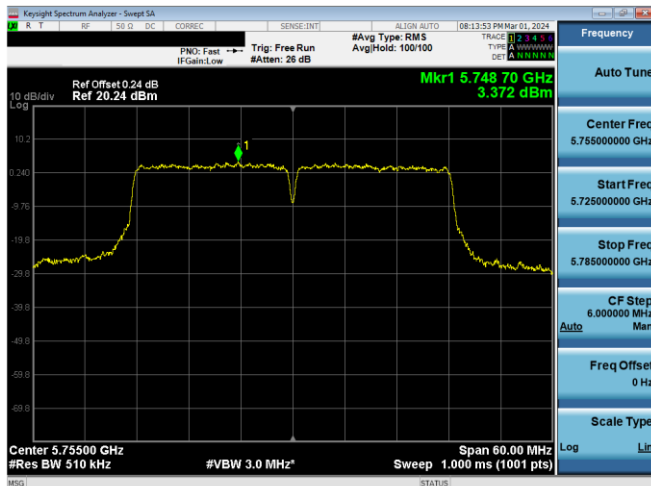
Plot 7-442. PSD Antenna 3b (40MHz BW 802.11ax(SU) – Ch. 151, MCS11)



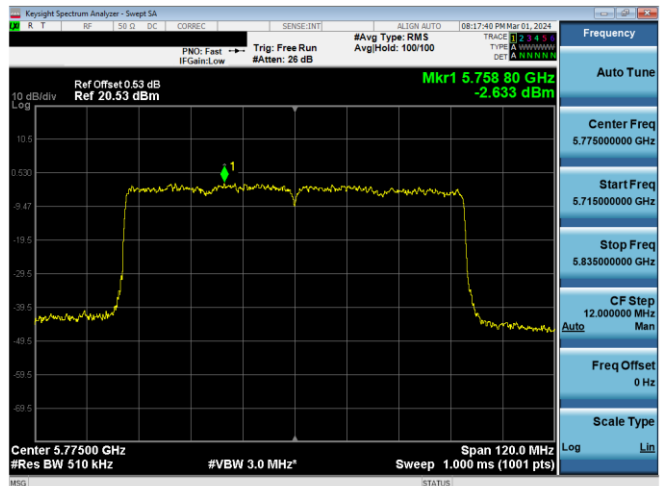
Plot 7-440. PSD Antenna 3b (20MHz BW 802.11ax(SU) – Ch. 157, MCS11)



Plot 7-443. PSD Antenna 3b (80MHz BW 802.11ac – Ch. 155, MCS9)



Plot 7-441. PSD Antenna 3b (40MHz BW 802.11n – Ch. 151, MCS7)



Plot 7-444. PSD Antenna 3b (80MHz BW 802.11ax SU – Ch. 155, MCS11)

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-24-R1.BCG	Test Dates: 11/29/2023 - 1/19/2024	EUT Type: Tablet Device	Page 176 of 594

	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)	8.56	-1.30	7.26	10.0	-2.74
	5200	40	n (20MHz)	19.5/21.7 (MCS2)	9.65	-1.30	8.35	10.0	-1.65
	5240	48	n (20MHz)	19.5/21.7 (MCS2)	9.86	-1.30	8.56	10.0	-1.44
	5180	36	ax (SU) (20MHz)	24/25.8 (MCS2)	5.81	-1.30	4.51	10.0	-5.49
	5200	40	ax (SU) (20MHz)	24/25.8 (MCS2)	8.02	-1.30	6.72	10.0	-3.28
	5240	48	ax (SU) (20MHz)	24/25.8 (MCS2)	8.66	-1.30	7.36	10.0	-2.64
	5190	38	n (40MHz)	40/40.5 (MCS2)	3.40	-1.30	2.10	10.0	-7.90
	5230	46	n (40MHz)	40/40.5 (MCS2)	7.08	-1.30	5.78	10.0	-4.22
	5190	38	ax (SU) (40MHz)	49/51.6 (MCS2)	1.16	-1.30	-0.14	10.0	-10.14
	5230	46	ax (SU) (40MHz)	49/51.6 (MCS2)	5.84	-1.30	4.54	10.0	-5.46
	5210	42	ac (80MHz)	87.8/97.5 (MCS2)	-0.59	-1.30	-1.89	10.0	-11.89
	5210	42	ax (SU) (80MHz)	102/108.1 (MCS2)	-2.24	-1.30	-3.54	10.0	-13.54
Band 1/2	5250	50	ac (160MHz)	87.8/97.5 (MCS2)	-5.22	-1.30	-6.52	10.0	-16.52
	5250	50	ax (SU) (160MHz)	102/108.1 (MCS2)	-6.48	-1.30	-7.78	10.0	-17.78

Table 7-215. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 3b (Low Data Rate)

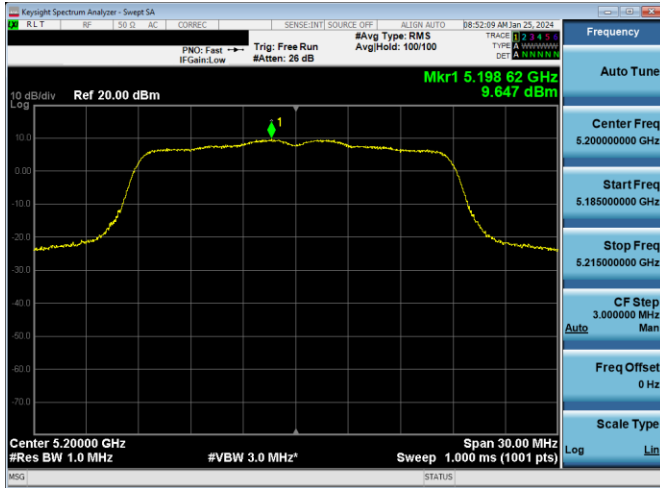
	Frequency [MHz]	Channel No.	802.11 MODE	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	39/43.3 (MCS4)	7.05	-1.30	5.75	10.0	-4.25
	5200	40	n (20MHz)	39/43.3 (MCS4)	9.69	-1.30	8.39	10.0	-1.61
	5240	48	n (20MHz)	39/43.3 (MCS4)	9.74	-1.30	8.44	10.0	-1.56
	5180	36	ax (SU) (20MHz)	49/51.6 (MCS4)	4.98	-1.30	3.68	10.0	-6.32
	5200	40	ax (SU) (20MHz)	49/51.6 (MCS4)	8.06	-1.30	6.76	10.0	-3.24
	5240	48	ax (SU) (20MHz)	49/51.6 (MCS4)	8.29	-1.30	6.99	10.0	-3.01
	5190	38	n (40MHz)	81/90 (MCS4)	2.88	-1.30	1.58	10.0	-8.42
	5230	46	n (40MHz)	81/90 (MCS4)	7.39	-1.30	6.09	10.0	-3.91
	5190	38	ax (SU) (40MHz)	98/103.2 (MCS4)	0.96	-1.30	-0.35	10.0	-10.35
	5230	46	ax (SU) (40MHz)	98/103.2 (MCS4)	5.88	-1.30	4.58	10.0	-5.43
	5210	42	ac (80MHz)	175.5/195 (MCS4)	-1.35	-1.30	-2.65	10.0	-12.65
	5210	42	ax (SU) (80MHz)	204/216.2 (MCS4)	-2.51	-1.30	-3.81	10.0	-13.81
Band 1/2	5250	50	ac (160MHz)	175.5/195 (MCS4)	-5.01	-1.30	-6.31	10.0	-16.31
	5250	50	ax (SU) (160MHz)	204/216.2 (MCS4)	-6.32	-1.30	-7.62	10.0	-17.62

Table 7-216. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 3b (Mid Data Rate)

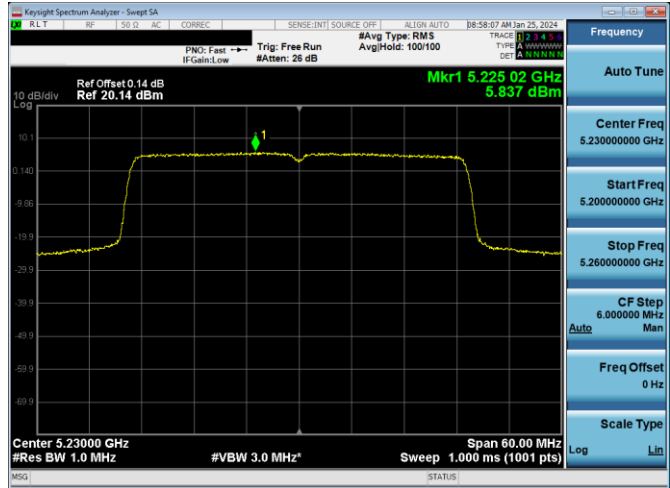
	Frequency [MHz]	Channel No.	802.11 MODE	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	65/72.2 (MCS7)	5.21	-1.30	3.91	10.0	-6.10
	5200	40	n (20MHz)	65/72.2 (MCS7)	8.39	-1.30	7.09	10.0	-2.91
	5240	48	n (20MHz)	65/72.2 (MCS7)	8.61	-1.30	7.31	10.0	-2.69
	5180	36	ax (SU) (20MHz)	135/143.4 (MCS11)	5.10	-1.30	3.80	10.0	-6.20
	5200	40	ax (SU) (20MHz)	135/143.4 (MCS11)	8.16	-1.30	6.86	10.0	-3.14
	5240	48	ax (SU) (20MHz)	135/143.4 (MCS11)	8.59	-1.30	7.29	10.0	-2.71
	5190	38	n (40MHz)	135/150 (MCS7)	-0.29	-1.30	-1.59	10.0	-11.59
	5230	46	n (40MHz)	135/150 (MCS7)	6.09	-1.30	4.79	10.0	-5.21
	5190	38	ax (SU) (40MHz)	271/286 (MCS11)	0.15	-1.30	-1.15	10.0	-11.15
	5230	46	ax (SU) (40MHz)	271/286 (MCS11)	5.85	-1.30	4.55	10.0	-5.45
	5210	42	ac (80MHz)	390/433.3 (MCS9)	-2.90	-1.30	-4.20	10.0	-14.20
	5210	42	ax (SU) (80MHz)	567/600.5 (MCS11)	-3.16	-1.30	-4.46	10.0	-14.46
Band 1/2	5250	50	ac (160MHz)	390/433.3 (MCS9)	-6.31	-1.30	-7.61	10.0	-17.61
	5250	50	ax (SU) (160MHz)	567/600.5 (MCS11)	-7.63	-1.30	-8.93	10.0	-18.93

Table 7-217. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 3b (High Data Rate)

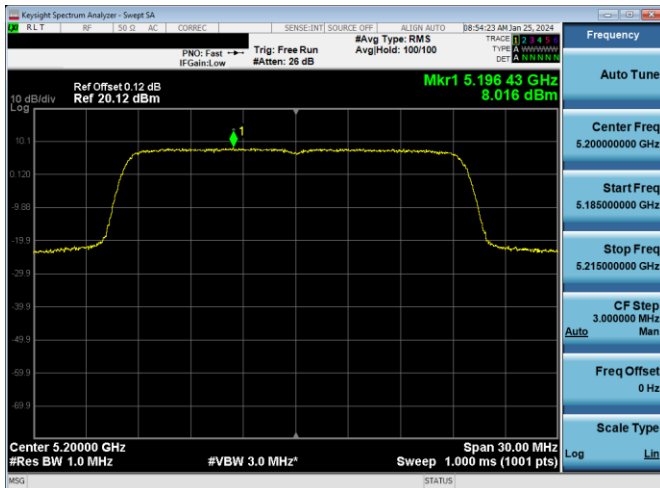
FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-24-R1.BCG	Test Dates: 11/29/2023 - 1/19/2024	EUT Type: Tablet Device	Page 177 of 594



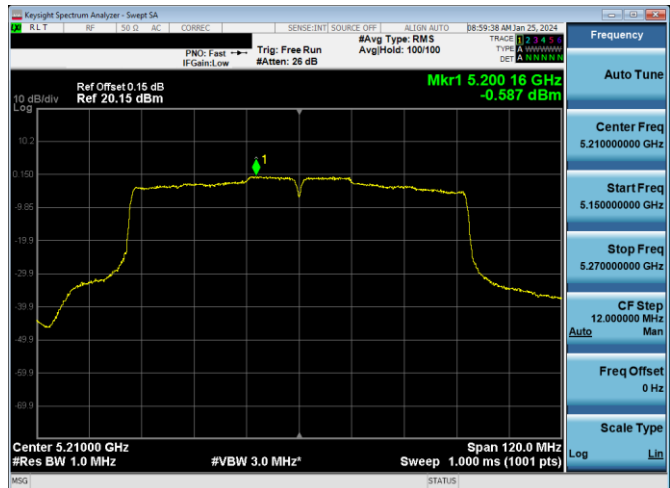
Plot 7-445. ISED PSD Antenna 3b (20MHz BW 11n – Ch.40, MCS2)



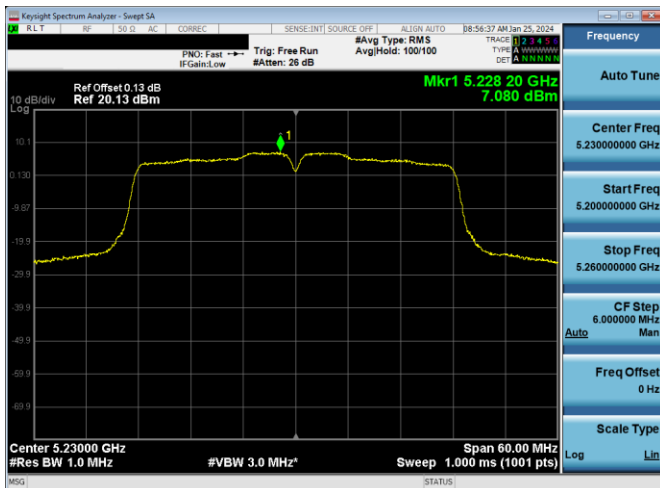
Plot 7-448. ISED PSD Antenna 3b (40MHz BW 11ax(SU) – Ch.46, MCS2)



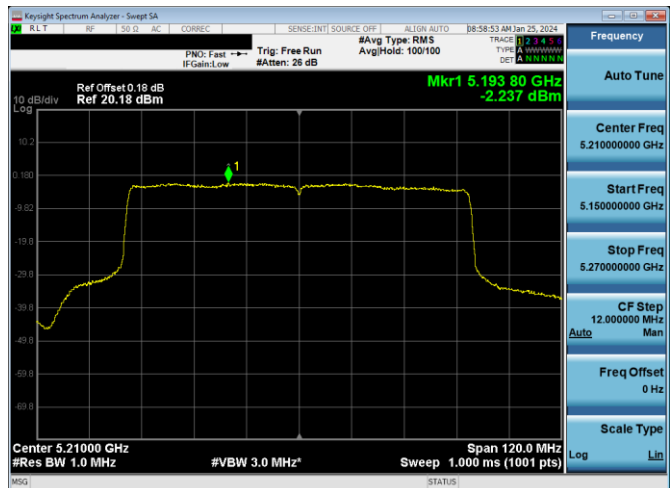
Plot 7-446. ISED PSD Antenna 3b (20MHz BW 11ax(SU) – Ch.40, MCS2)



Plot 7-449. ISED PSD Antenna 3b (80MHz BW 11ac – Ch.42, MCS2)

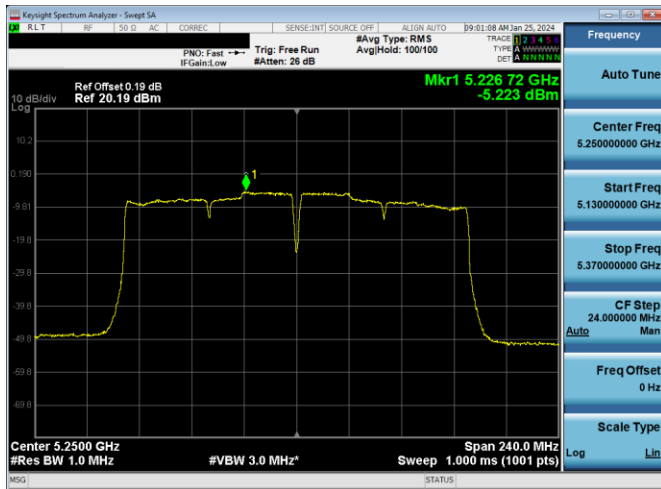


Plot 7-447. ISED PSD Antenna 3b (40MHz BW 11n – Ch.46, MCS2)

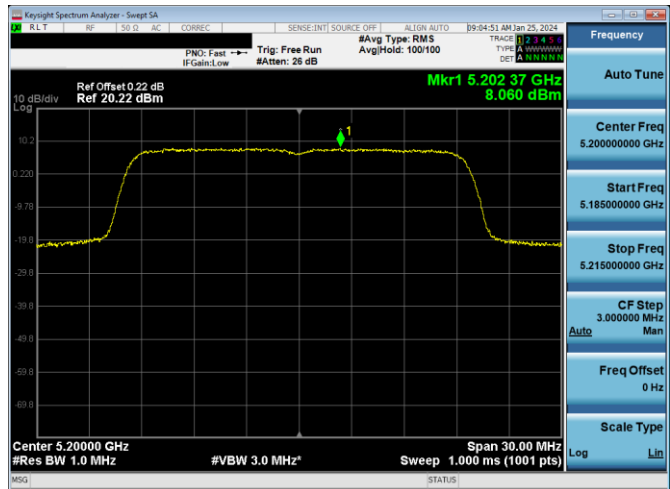


Plot 7-450. ISED PSD Antenna 3b (80MHz BW 11ax (SU) – Ch.42, MCS2)

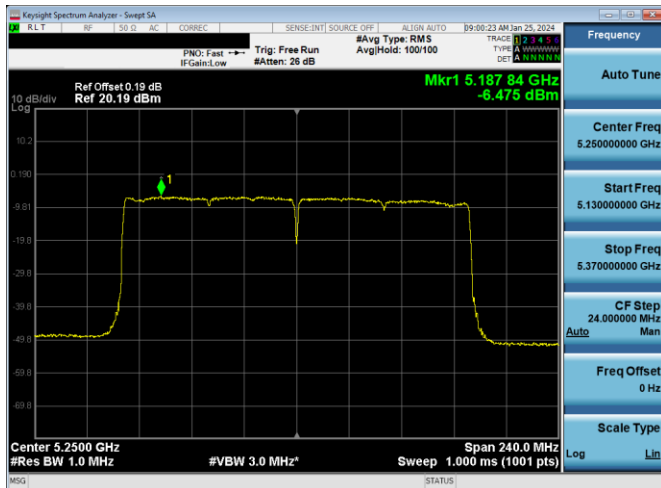
FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-24-R1.BCG	Test Dates: 11/29/2023 - 1/19/2024	EUT Type: Tablet Device	Page 178 of 594



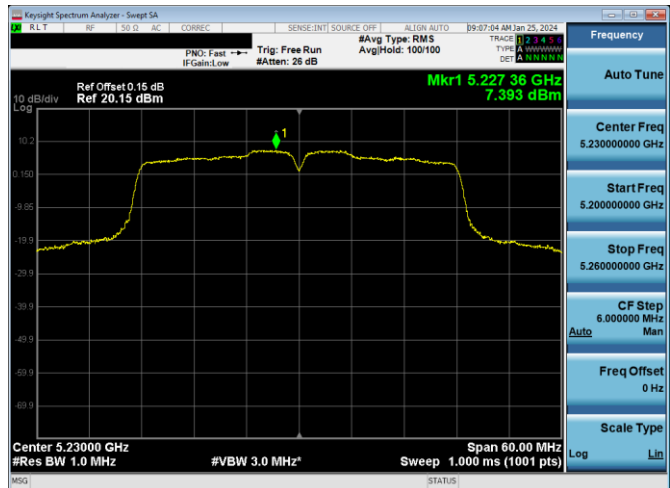
Plot 7-451. ISED PSD Antenna 3b (160MHz BW 11ac – Ch.50, MCS2)



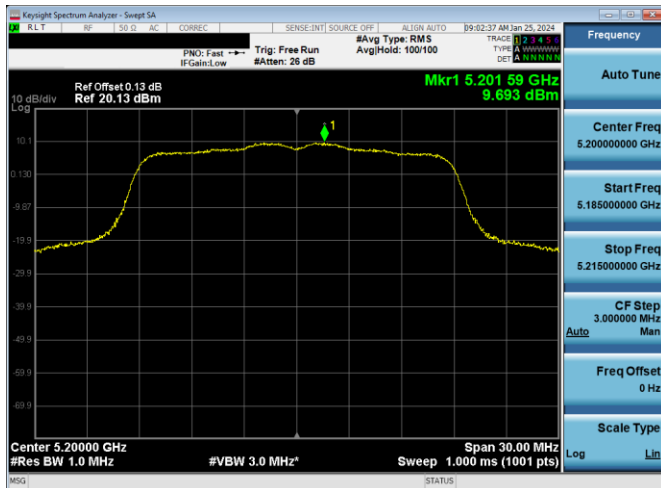
Plot 7-454. ISED PSD Antenna 3b (20MHz BW 11ax(SU) – Ch.40, MCS4)



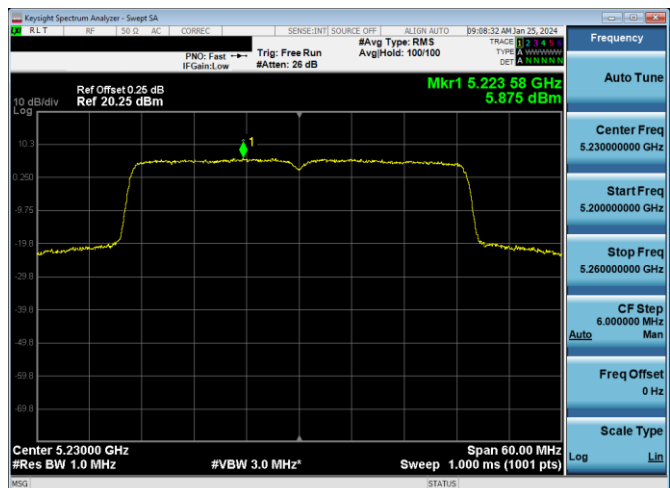
Plot 7-452. ISED PSD Antenna 3b (160MHz BW 11ax (SU) – Ch.50, MCS2)



Plot 7-455. ISED PSD Antenna 3b (40MHz BW 11n – Ch.46, MCS4)



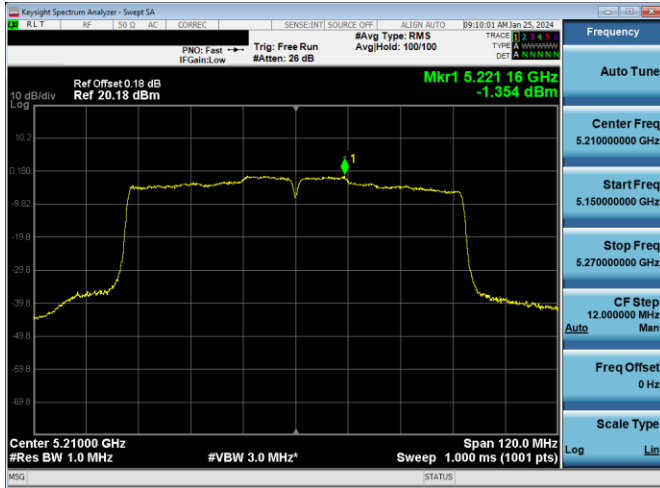
Plot 7-453. ISED PSD Antenna 3b (20MHz BW 11n – Ch.40, MCS4)



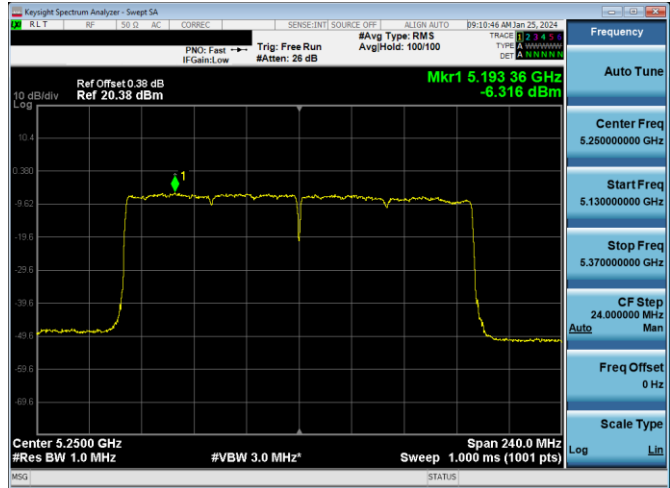
Plot 7-456. ISED PSD Antenna 3b (40MHz BW 11ax(SU) – Ch.46, MCS4)

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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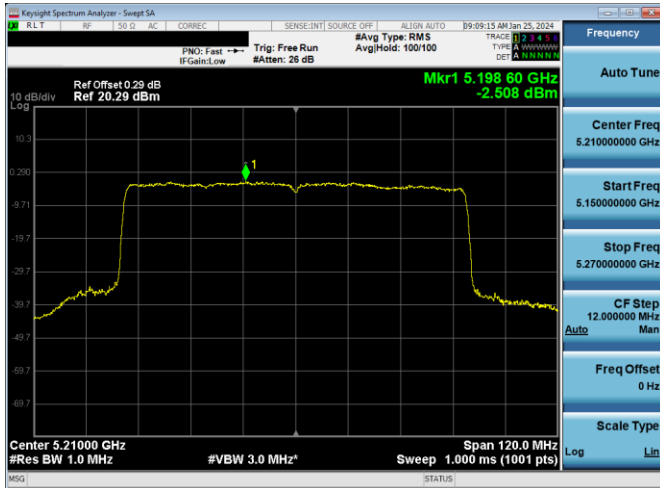




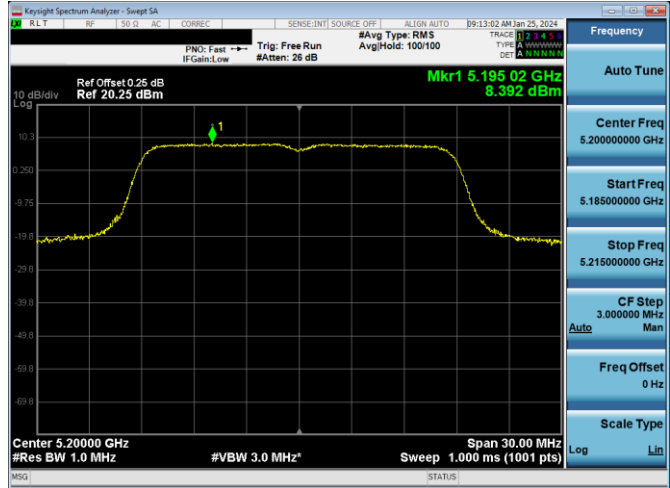
Plot 7-457. ISED PSD Antenna 3b (80MHz BW 11ac – Ch.42, MCS4)



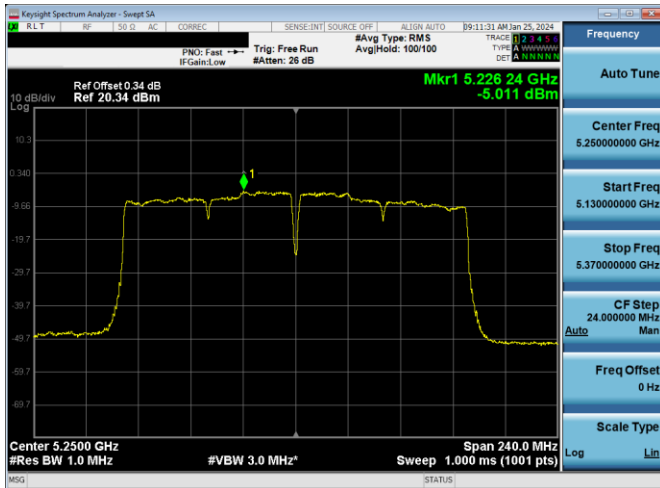
Plot 7-460. ISED PSD Antenna 3b (160MHz BW 11ax (SU) – Ch.50, MCS4)



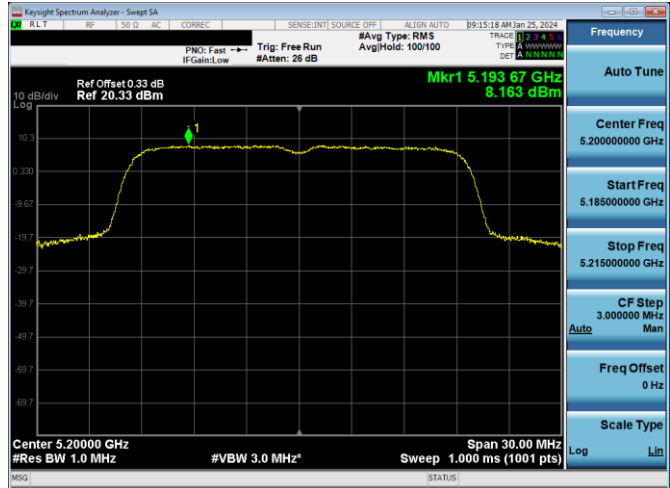
Plot 7-458. ISED PSD Antenna 3b (80MHz BW 11ax (SU) – Ch.42, MCS4)



Plot 7-461. ISED PSD Antenna 3b (20MHz BW 11n – Ch.40, MCS7)

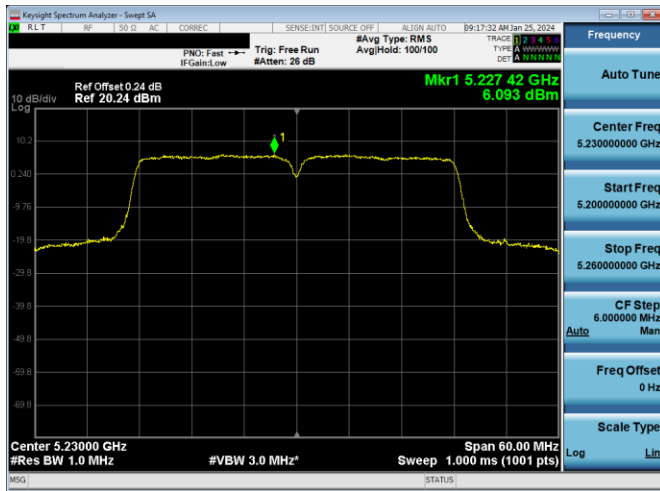


Plot 7-459. ISED PSD Antenna 3b (160MHz BW 11ac – Ch.50, MCS4)

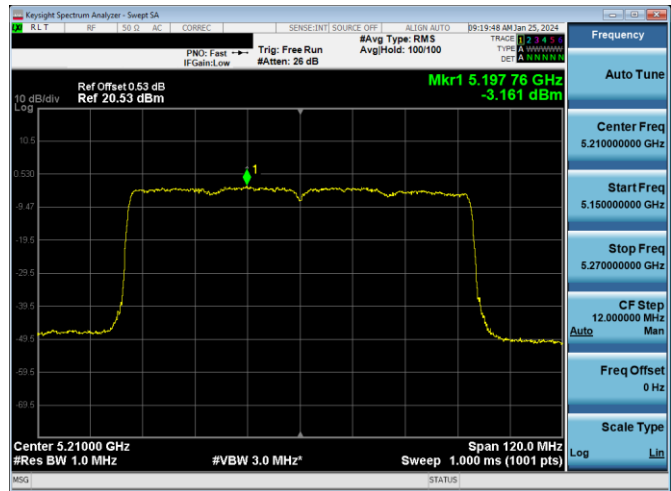


Plot 7-462. ISED PSD Antenna 3b (20MHz BW 11ax(SU) – Ch.40, MCS11)

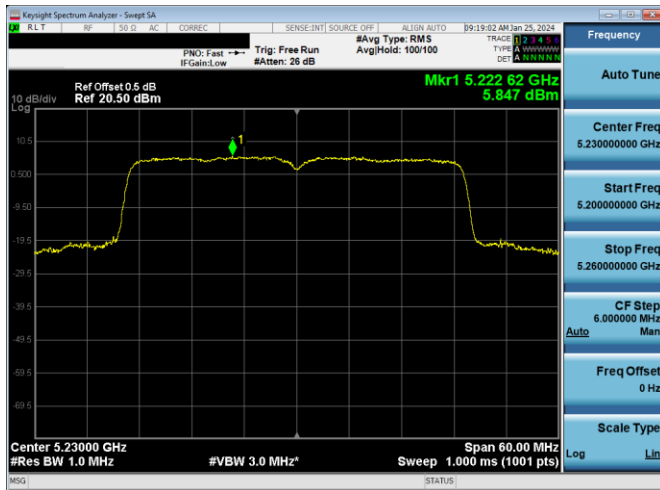
FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-24-R1.BCG	Test Dates: 11/29/2023 - 1/19/2024	EUT Type: Tablet Device	Page 180 of 594



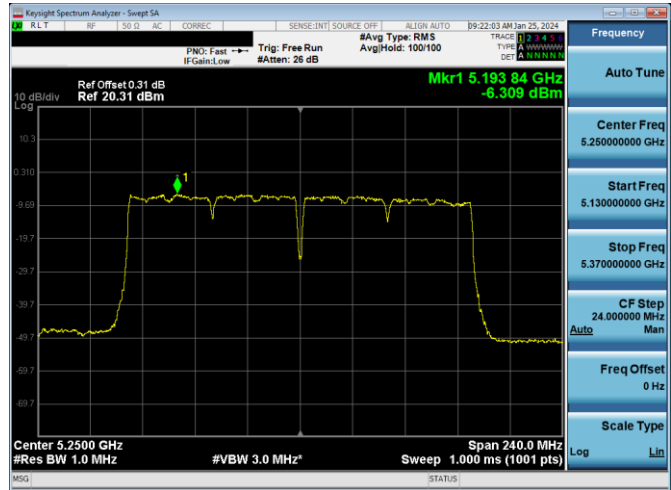
Plot 7-463. ISED PSD Antenna 3b (40MHz BW 11n - Ch.46, MCS7)



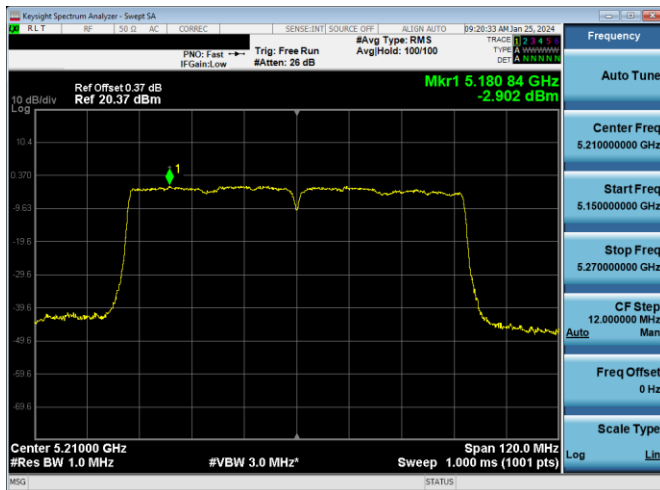
Plot 7-466. ISED PSD Antenna 3b (80MHz BW 11ax (SU) - Ch.42, MCS11)



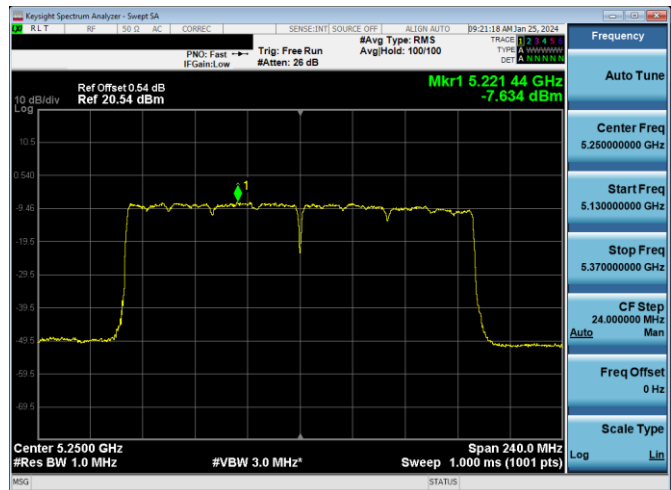
Plot 7-464. ISED PSD Antenna 3b (40MHz BW 11ax(SU) - Ch.46, MCS11)



Plot 7-467. ISED PSD Antenna 3b (160MHz BW 11ac - Ch.50, MCS9)



Plot 7-465. ISED PSD Antenna 3b (80MHz BW 11ac - Ch.42, MCS9)



Plot 7-468. ISED PSD Antenna 3b (160MHz BW 11ax (SU) - Ch.50, MCS11)

FCC ID: BCGA2899 IC: 579C-A2899		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
Test Report S/N: 1C2311270066-24-R1.BCG	Test Dates: 11/29/2023 - 1/19/2024	EUT Type: Tablet Device	Page 181 of 594

### 7.5.3 Antenna 1b 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)	6.28	11.00	-4.72	
	5200	40	n (20MHz)	19.5/21.7 (MCS2)	7.67	11.00	-3.34	
	5240	48	n (20MHz)	19.5/21.7 (MCS2)	7.60	11.00	-3.40	
	5180	36	ax (SU) (20MHz)	24/25.8 (MCS2)	3.92	11.00	-7.08	
	5200	40	ax (SU) (20MHz)	24/25.8 (MCS2)	6.10	11.00	-4.90	
	5240	48	ax (SU) (20MHz)	24/25.8 (MCS2)	6.07	11.00	-4.93	
	5190	38	n (40MHz)	40/40.5 (MCS2)	2.22	11.00	-8.78	
	5230	46	n (40MHz)	40/40.5 (MCS2)	5.66	11.00	-5.34	
	5190	38	ax (SU) (40MHz)	49/51.6 (MCS2)	-0.38	11.00	-11.38	
	5230	46	ax (SU) (40MHz)	49/51.6 (MCS2)	4.16	11.00	-6.84	
Band 1/2	5210	42	ac (80MHz)	87.8/97.5 (MCS2)	-2.25	11.00	-13.25	
	5210	42	ax (SU) (80MHz)	102/108.1 (MCS2)	-3.64	11.00	-14.64	
Band 2A	5250	50	ac (160MHz)	87.8/97.5 (MCS2)	-7.51	11.00	-18.51	
	5250	50	ax (SU) (160MHz)	102/108.1 (MCS2)	-8.54	11.00	-19.54	
	5260	52	n (20MHz)	19.5/21.7 (MCS2)	7.41	11.00	-3.59	
	5300	60	n (20MHz)	19.5/21.7 (MCS2)	7.01	11.00	-3.99	
	5320	64	n (20MHz)	19.5/21.7 (MCS2)	6.06	11.00	-4.94	
	5260	52	ax (SU) (20MHz)	24/25.8 (MCS2)	6.12	11.00	-4.88	
	5300	60	ax (SU) (20MHz)	24/25.8 (MCS2)	5.74	11.00	-5.26	
	5320	64	ax (SU) (20MHz)	24/25.8 (MCS2)	3.70	11.00	-7.30	
	5270	54	n (40MHz)	40/40.5 (MCS2)	5.35	11.00	-5.65	
	5310	62	n (40MHz)	40/40.5 (MCS2)	1.93	11.00	-9.07	
	5270	54	ax (SU) (40MHz)	49/51.6 (MCS2)	3.97	11.00	-7.03	
	5310	62	ax (SU) (40MHz)	49/51.6 (MCS2)	-0.77	11.00	-11.77	
	5290	58	ac (80MHz)	87.8/97.5 (MCS2)	-1.94	11.00	-12.94	
	5290	58	ax (SU) (80MHz)	102/108.1 (MCS2)	-3.90	11.00	-14.90	
	Band 2C	5500	100	n (20MHz)	19.5/21.7 (MCS2)	5.71	11.00	-5.29
		5580	116	n (20MHz)	19.5/21.7 (MCS2)	7.21	11.00	-3.79
		5720	144	n (20MHz)	19.5/21.7 (MCS2)	7.49	11.00	-3.51
		5500	100	ax (SU) (20MHz)	24/25.8 (MCS2)	4.44	11.00	-6.56
5580		116	ax (SU) (20MHz)	24/25.8 (MCS2)	5.90	11.00	-5.10	
5720		144	ax (SU) (20MHz)	24/25.8 (MCS2)	6.18	11.00	-4.82	
5510		102	n (40MHz)	40/40.5 (MCS2)	1.93	11.00	-9.07	
5550		110	n (40MHz)	40/40.5 (MCS2)	4.70	11.00	-6.30	
5670		134	n (40MHz)	40/40.5 (MCS2)	3.31	11.00	-7.69	
5710		142	n (40MHz)	40/40.5 (MCS2)	5.14	11.00	-5.86	
5510		102	ax (SU) (40MHz)	49/51.6 (MCS2)	0.52	11.00	-10.48	
5550		110	ax (SU) (40MHz)	49/51.6 (MCS2)	3.20	11.00	-7.80	
5710		142	ax (SU) (40MHz)	49/51.6 (MCS2)	3.60	11.00	-7.40	
5530		106	ac (80MHz)	87.8/97.5 (MCS2)	-1.26	11.00	-12.26	
*5610		122	ac (80MHz)	87.8/97.5 (MCS2)	1.67	11.00	-9.33	
5690		138	ac (80MHz)	87.8/97.5 (MCS2)	1.91	11.00	-9.09	
5530		106	ax (SU) (80MHz)	102/108.1 (MCS2)	-4.17	11.00	-15.17	
*5610		122	ax (SU) (80MHz)	102/108.1 (MCS2)	-0.42	11.00	-11.42	
5690		138	ax (SU) (80MHz)	102/108.1 (MCS2)	0.46	11.00	-10.54	
*5570		114	ac (160MHz)	87.8/97.5 (MCS2)	-7.30	11.00	-18.30	
*5570	114	ax (SU) (160MHz)	102/108.1 (MCS2)	-8.22	11.00	-19.22		

**Table 7-218. Power Spectral Density Measurements Antenna 1b (Low Data Rate)**

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

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-24-R1.BCG	Test Dates: 11/29/2023 - 1/19/2024	EUT Type: Tablet Device	Page 182 of 594

	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)	5.34	11.00	-5.66
	5200	40	n (20MHz)	39/43.3 (MCS4)	7.94	11.00	-3.06
	5240	48	n (20MHz)	39/43.3 (MCS4)	8.02	11.00	-2.99
	5180	36	ax (SU) (20MHz)	49/51.6 (MCS4)	3.77	11.00	-7.23
	5200	40	ax (SU) (20MHz)	49/51.6 (MCS4)	6.04	11.00	-4.96
	5240	48	ax (SU) (20MHz)	49/51.6 (MCS4)	6.37	11.00	-4.63
	5190	38	n (40MHz)	81/90 (MCS4)	1.05	11.00	-9.95
	5230	46	n (40MHz)	81/90 (MCS4)	5.90	11.00	-5.10
	5190	38	ax (SU) (40MHz)	98/103.2 (MCS4)	-0.63	11.00	-11.63
	5230	46	ax (SU) (40MHz)	98/103.2 (MCS4)	4.62	11.00	-6.38
5210	42	ac (80MHz)	175.5/195 (MCS4)	-2.63	11.00	-13.63	
5210	42	ax (SU) (80MHz)	204/216.2 (MCS4)	-3.49	11.00	-14.49	
Band 1/2	5250	50	ac (160MHz)	175.5/195 (MCS4)	-7.67	11.00	-18.67
	5250	50	ax (SU) (160MHz)	204/216.2 (MCS4)	-7.60	11.00	-18.60
Band 2A	5260	52	n (20MHz)	39/43.3 (MCS4)	7.31	11.00	-3.69
	5300	60	n (20MHz)	39/43.3 (MCS4)	7.81	11.00	-3.19
	5320	64	n (20MHz)	39/43.3 (MCS4)	5.36	11.00	-5.64
	5260	52	ax (SU) (20MHz)	49/51.6 (MCS4)	6.30	11.00	-4.70
	5300	60	ax (SU) (20MHz)	49/51.6 (MCS4)	5.57	11.00	-5.43
	5320	64	ax (SU) (20MHz)	49/51.6 (MCS4)	3.17	11.00	-7.83
	5270	54	n (40MHz)	81/90 (MCS4)	5.07	11.00	-5.93
	5310	62	n (40MHz)	81/90 (MCS4)	1.06	11.00	-9.94
	5270	54	ax (SU) (40MHz)	98/103.2 (MCS4)	3.83	11.00	-7.17
	5310	62	ax (SU) (40MHz)	98/103.2 (MCS4)	-1.25	11.00	-12.25
5290	58	ac (80MHz)	175.5/195 (MCS4)	-3.16	11.00	-14.16	
5290	58	ax (SU) (80MHz)	204/216.2 (MCS4)	-4.63	11.00	-15.63	
Band 2C	5500	100	n (20MHz)	39/43.3 (MCS4)	4.65	11.00	-6.35
	5580	116	n (20MHz)	39/43.3 (MCS4)	7.41	11.00	-3.59
	5720	144	n (20MHz)	39/43.3 (MCS4)	7.63	11.00	-3.37
	5500	100	ax (SU) (20MHz)	49/51.6 (MCS4)	3.11	11.00	-7.89
	5580	116	ax (SU) (20MHz)	49/51.6 (MCS4)	5.93	11.00	-5.07
	5720	144	ax (SU) (20MHz)	49/51.6 (MCS4)	6.09	11.00	-4.91
	5510	102	n (40MHz)	81/90 (MCS4)	0.61	11.00	-10.39
	5550	110	n (40MHz)	81/90 (MCS4)	4.95	11.00	-6.05
	5670	134	n (40MHz)	81/90 (MCS4)	2.93	11.00	-8.07
	5710	142	n (40MHz)	81/90 (MCS4)	5.12	11.00	-5.88
	5510	102	ax (SU) (40MHz)	98/103.2 (MCS4)	-0.43	11.00	-11.43
	5550	110	ax (SU) (40MHz)	98/103.2 (MCS4)	3.07	11.00	-7.93
	5710	142	ax (SU) (40MHz)	98/103.2 (MCS4)	3.99	11.00	-7.01
	5530	106	ac (80MHz)	175.5/195 (MCS4)	-3.02	11.00	-14.02
	*5610	122	ac (80MHz)	175.5/195 (MCS4)	0.15	11.00	-10.85
	5690	138	ac (80MHz)	175.5/195 (MCS4)	1.92	11.00	-9.08
	5530	106	ax (SU) (80MHz)	204/216.2 (MCS4)	-4.44	11.00	-15.44
	*5610	122	ax (SU) (80MHz)	204/216.2 (MCS4)	-1.66	11.00	-12.66
	5690	138	ax (SU) (80MHz)	204/216.2 (MCS4)	0.81	11.00	-10.19
	*5570	114	ac (160MHz)	175.5/195 (MCS4)	-7.52	11.00	-18.52
*5570	114	ax (SU) (160MHz)	204/216.2 (MCS4)	-8.60	11.00	-19.60	

**Table 7-219. Power Spectral Density Measurements Antenna 1b (Mid Data Rate)**

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

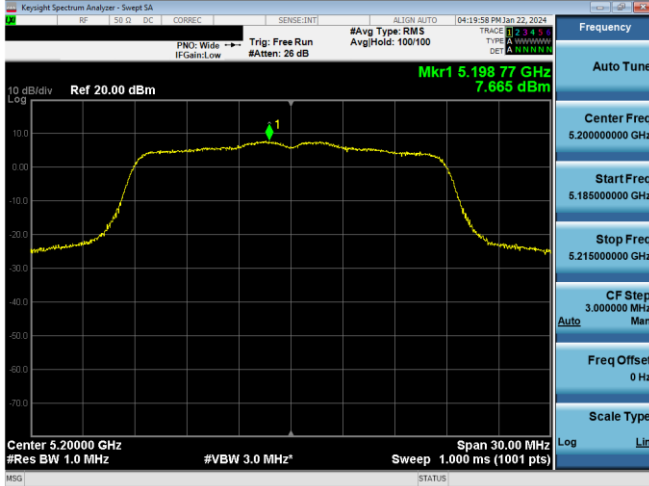
FCC ID: BCGA2899 IC: 579C-A2899		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
Test Report S/N: 1C2311270066-24-R1.BCG	Test Dates: 11/29/2023 - 1/19/2024	EUT Type: Tablet Device	Page 183 of 594

	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)	3.48	11.00	-7.52
	5200	40	n (20MHz)	65/72.2 (MCS7)	6.96	11.00	-4.04
	5240	48	n (20MHz)	65/72.2 (MCS7)	6.80	11.00	-4.20
	5180	36	ax (SU) (20MHz)	135/143.4 (MCS11)	3.23	11.00	-7.77
	5200	40	ax (SU) (20MHz)	135/143.4 (MCS11)	6.57	11.00	-4.43
	5240	48	ax (SU) (20MHz)	135/143.4 (MCS11)	6.59	11.00	-4.41
	5190	38	n (40MHz)	135/150 (MCS7)	-1.37	11.00	-12.37
	5230	46	n (40MHz)	135/150 (MCS7)	4.88	11.00	-6.12
	5190	38	ax (SU) (40MHz)	271/286 (MCS11)	-1.46	11.00	-12.46
	5230	46	ax (SU) (40MHz)	271/286 (MCS11)	4.21	11.00	-6.80
5210	42	ac (80MHz)	390/433.3 (MCS9)	-4.32	11.00	-15.32	
5210	42	ax (SU) (80MHz)	567/600.5 (MCS11)	-4.49	11.00	-15.49	
Band 1/2	5250	50	ac (160MHz)	390/433.3 (MCS9)	-7.57	11.00	-18.57
	5250	50	ax (SU) (160MHz)	567/600.5 (MCS11)	-9.74	11.00	-20.74
Band 2A	5260	52	n (20MHz)	65/72.2 (MCS7)	6.67	11.00	-4.34
	5300	60	n (20MHz)	65/72.2 (MCS7)	5.99	11.00	-5.01
	5320	64	n (20MHz)	65/72.2 (MCS7)	3.03	11.00	-7.97
	5260	52	ax (SU) (20MHz)	135/143.4 (MCS11)	6.07	11.00	-4.93
	5300	60	ax (SU) (20MHz)	135/143.4 (MCS11)	5.72	11.00	-5.28
	5320	64	ax (SU) (20MHz)	135/143.4 (MCS11)	2.61	11.00	-8.39
	5270	54	n (40MHz)	135/150 (MCS7)	4.16	11.00	-6.85
	5310	62	n (40MHz)	135/150 (MCS7)	-0.99	11.00	-11.99
	5270	54	ax (SU) (40MHz)	271/286 (MCS11)	3.94	11.00	-7.06
	5310	62	ax (SU) (40MHz)	271/286 (MCS11)	-1.76	11.00	-12.76
Band 2C	5290	58	ac (80MHz)	390/433.3 (MCS9)	-5.20	11.00	-16.20
	5290	58	ax (SU) (80MHz)	567/600.5 (MCS11)	-5.07	11.00	-16.07
	5500	100	n (20MHz)	65/72.2 (MCS7)	1.77	11.00	-9.23
	5580	116	n (20MHz)	65/72.2 (MCS7)	6.40	11.00	-4.60
	5720	144	n (20MHz)	65/72.2 (MCS7)	6.05	11.00	-4.96
	5500	100	ax (SU) (20MHz)	135/143.4 (MCS11)	1.67	11.00	-9.33
	5580	116	ax (SU) (20MHz)	135/143.4 (MCS11)	5.93	11.00	-5.07
	5720	144	ax (SU) (20MHz)	135/143.4 (MCS11)	6.16	11.00	-4.84
	5510	102	n (40MHz)	135/150 (MCS7)	-2.80	11.00	-13.80
	5550	110	n (40MHz)	135/150 (MCS7)	2.70	11.00	-8.30
	5710	142	n (40MHz)	135/150 (MCS7)	3.72	11.00	-7.29
	5510	102	ax (SU) (40MHz)	271/286 (MCS11)	-2.63	11.00	-13.63
	5550	110	ax (SU) (40MHz)	271/286 (MCS11)	2.44	11.00	-8.56
	5670	134	ax (SU) (40MHz)	271/286 (MCS11)	-1.10	11.00	-12.10
	5710	142	ax (SU) (40MHz)	271/286 (MCS11)	3.66	11.00	-7.34
	5530	106	ac (80MHz)	390/433.3 (MCS9)	-5.84	11.00	-16.84
	*5610	122	ac (80MHz)	390/433.3 (MCS9)	-1.45	11.00	-12.45
	5690	138	ac (80MHz)	390/433.3 (MCS9)	0.87	11.00	-10.13
5530	106	ax (SU) (80MHz)	567/600.5 (MCS11)	-6.09	11.00	-17.09	
*5610	122	ax (SU) (80MHz)	567/600.5 (MCS11)	-2.19	11.00	-13.19	
5690	138	ax (SU) (80MHz)	567/600.5 (MCS11)	0.57	11.00	-10.43	
*5570	114	ac (160MHz)	390/433.3 (MCS9)	-9.64	11.00	-20.64	
*5570	114	ax (SU) (160MHz)	567/600.5 (MCS11)	-10.28	11.00	-21.28	

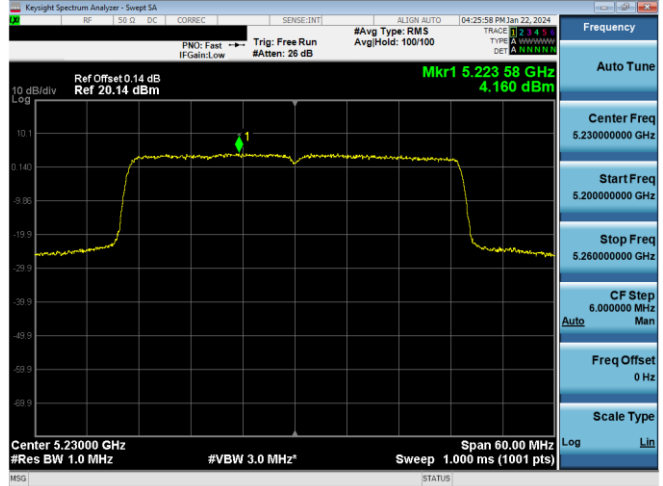
**Table 7-220. Power Spectral Density Measurements Antenna 1b (High Data Rate)**

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

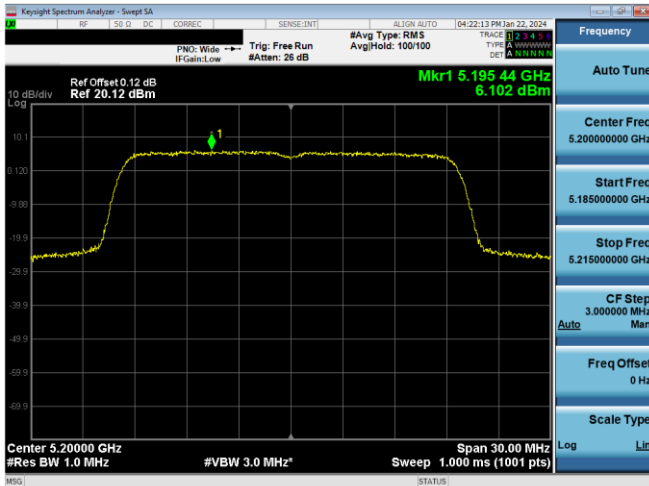
FCC ID: BCGA2899 IC: 579C-A2899		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
Test Report S/N: 1C2311270066-24-R1.BCG	Test Dates: 11/29/2023 - 1/19/2024	EUT Type: Tablet Device	Page 184 of 594



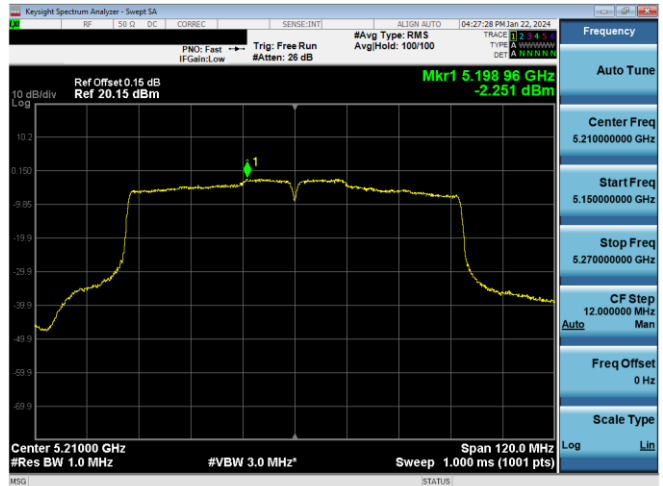
Plot 7-469. PSD Antenna 1b (20MHz BW 802.11n – Ch. 40, MCS2)



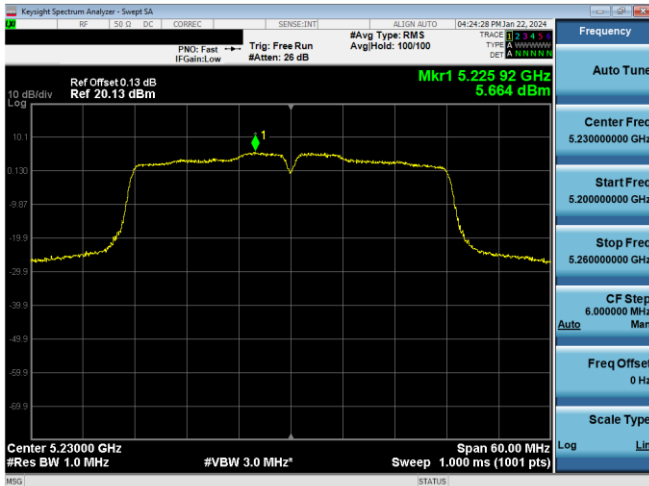
Plot 7-472. PSD Antenna 1b (40MHz BW 802.11ax(SU) – Ch. 46, MCS2)



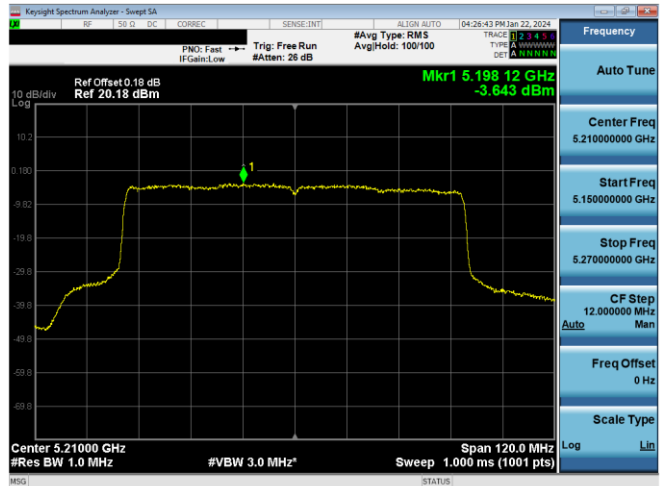
Plot 7-470. PSD Antenna 1b (20MHz BW 802.11ax(SU) – Ch. 40, MCS2)



Plot 7-473. PSD Antenna 1b (80MHz BW 802.11ac – Ch. 42, MCS2)

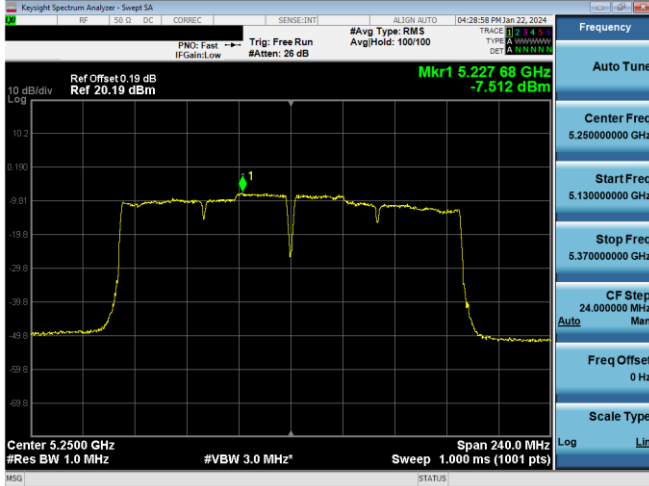


Plot 7-471. PSD Antenna 1b (40MHz BW 802.11n – Ch. 46, MCS2)

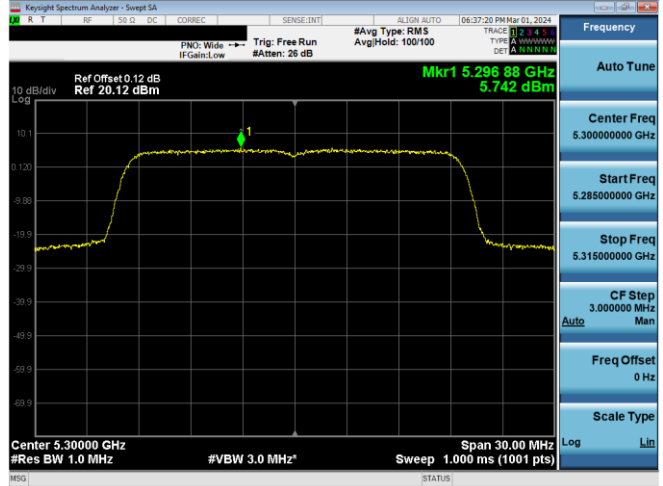


Plot 7-474. PSD Antenna 1b (80MHz BW 802.11ax(SU) – Ch. 42, MCS2)

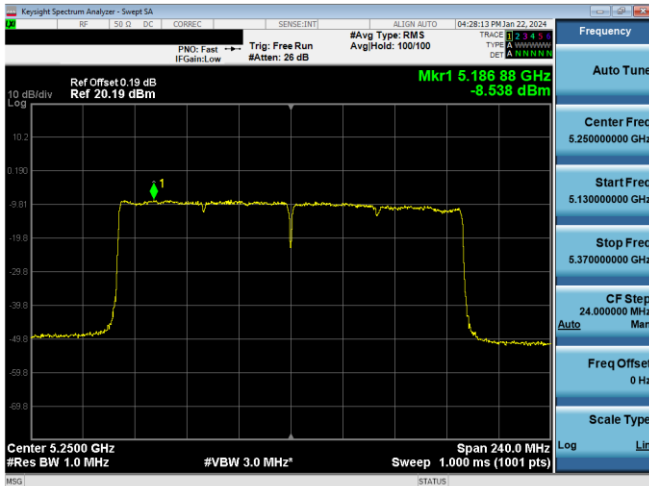
FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-24-R1.BCG	Test Dates: 11/29/2023 - 1/19/2024	EUT Type: Tablet Device	Page 185 of 594



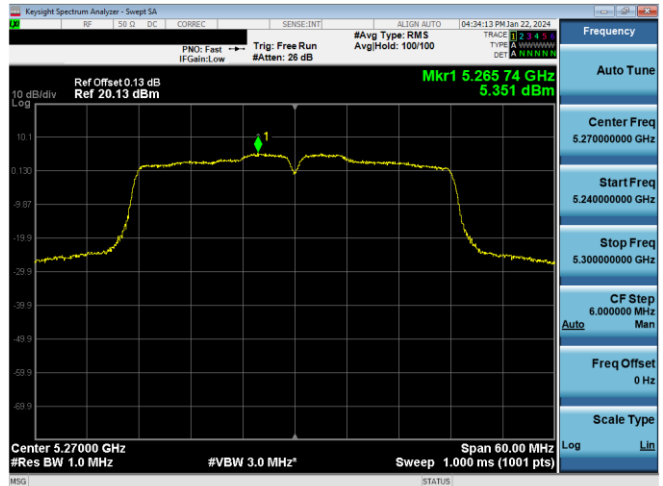
Plot 7-475. PSD Antenna 1b (160MHz BW 802.11ac – Ch. 50, MCS2)



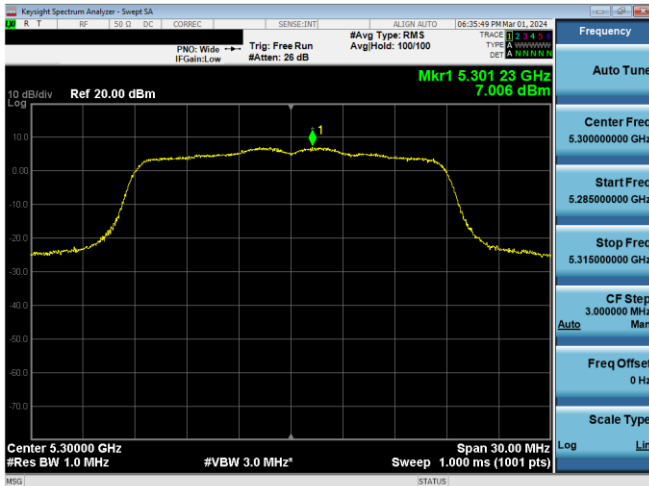
Plot 7-478. PSD Antenna 1b (20MHz BW 802.11ax(SU) – Ch. 60, MCS2)



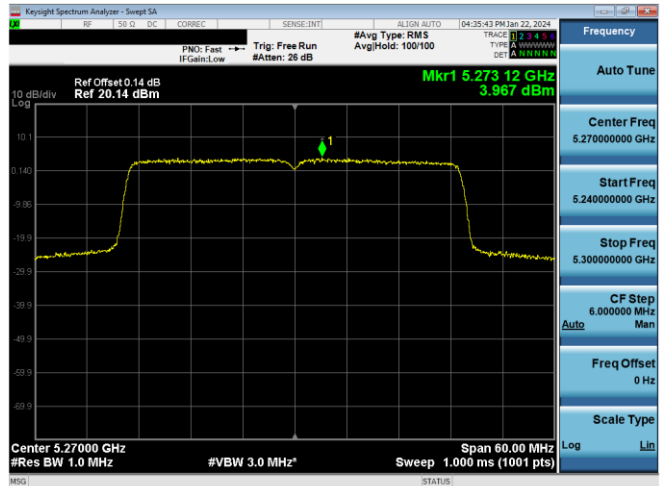
Plot 7-476. PSD Antenna 1b (160MHz BW 802.11ax(SU) – Ch. 50, MCS2)



Plot 7-479. PSD Antenna 1b (40MHz BW 802.11n – Ch. 54, MCS2)

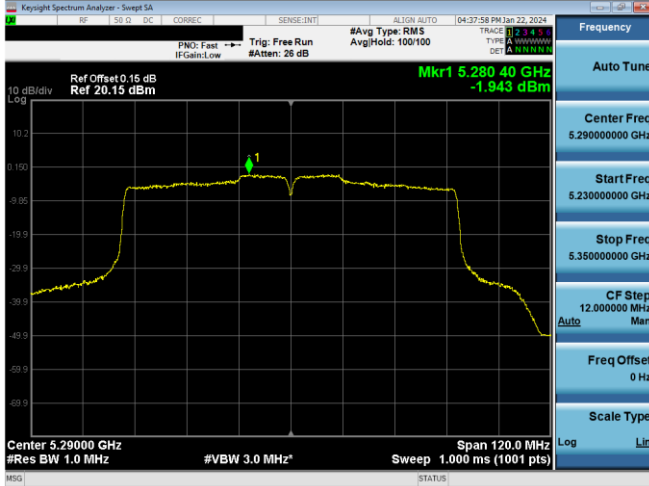


Plot 7-477. PSD Antenna 1b (20MHz BW 802.11n – Ch. 60, MCS2)

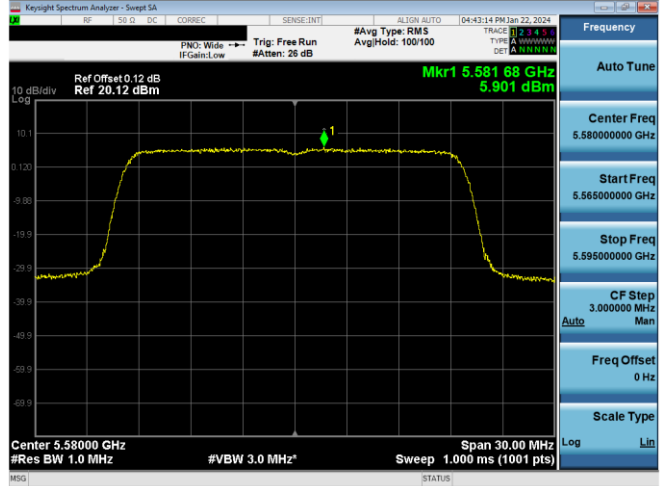


Plot 7-480. PSD Antenna 1b (40MHz BW 802.11ax(SU) – Ch. 54, MCS2)

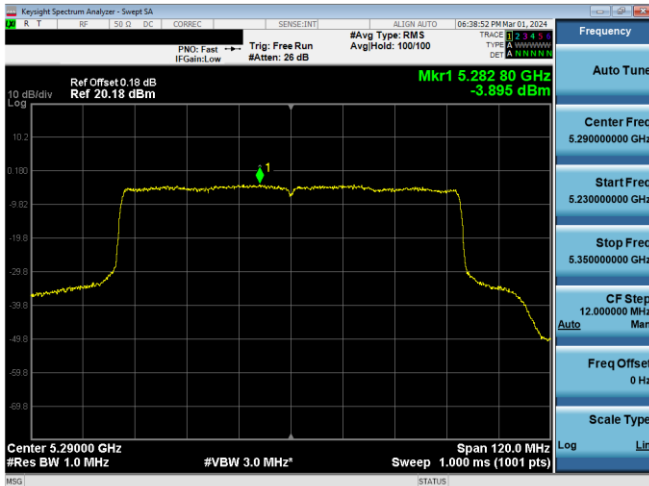
FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-24-R1.BCG	Test Dates: 11/29/2023 - 1/19/2024	EUT Type: Tablet Device	Page 186 of 594



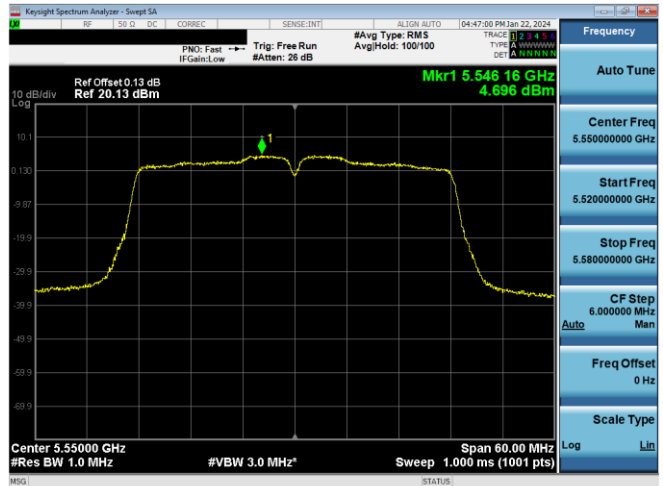
Plot 7-481. PSD Antenna 1b (80MHz BW 802.11ac – Ch. 58, MCS2)



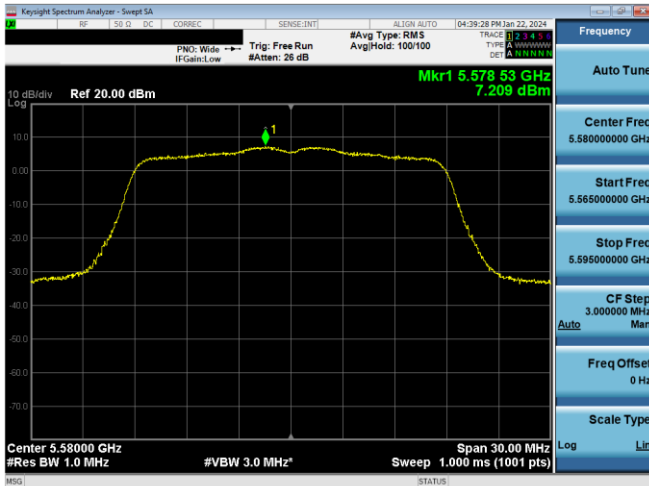
Plot 7-484. PSD Antenna 1b (20MHz BW 802.11ax(SU) – Ch. 116, MCS2)



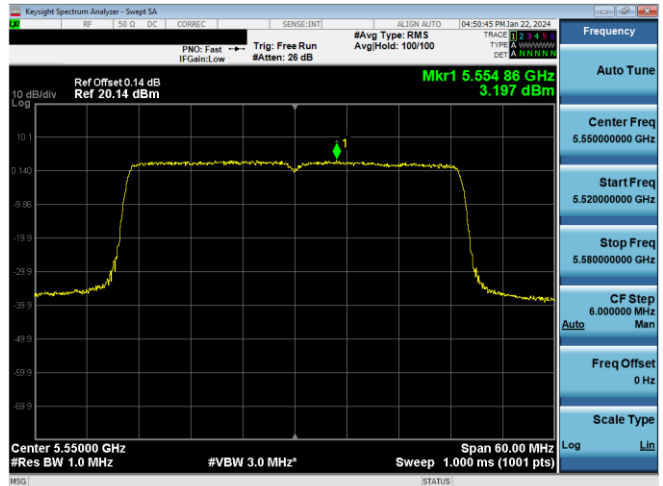
Plot 7-482. PSD Antenna 1b (80MHz BW 802.11ax(SU) – Ch. 58, MCS2)



Plot 7-485. PSD Antenna 1b (40MHz BW 802.11n – Ch. 110, MCS2)



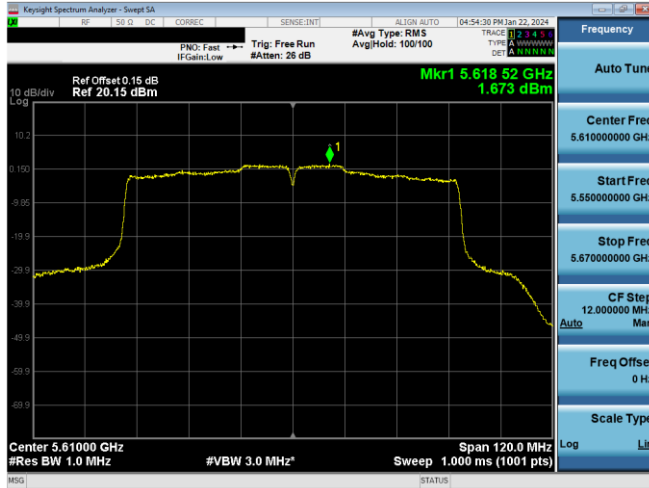
Plot 7-483. PSD Antenna 1b (20MHz BW 802.11n – Ch. 116, MCS2)



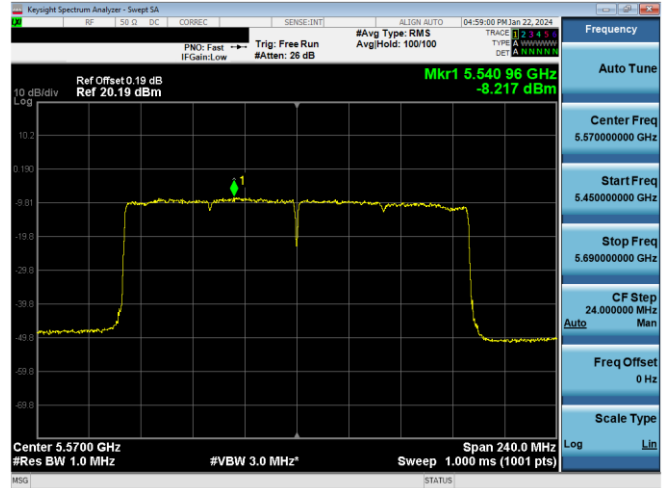
Plot 7-486. PSD Antenna 1b (40MHz BW 802.11ax(SU) – Ch. 110, MCS2)

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-487. PSD Antenna 1b (80MHz BW 802.11ac – Ch. 122, MCS2)



Plot 7-490. PSD Antenna 1b (160MHz BW 802.11ax(SU) – Ch. 114, MCS2)

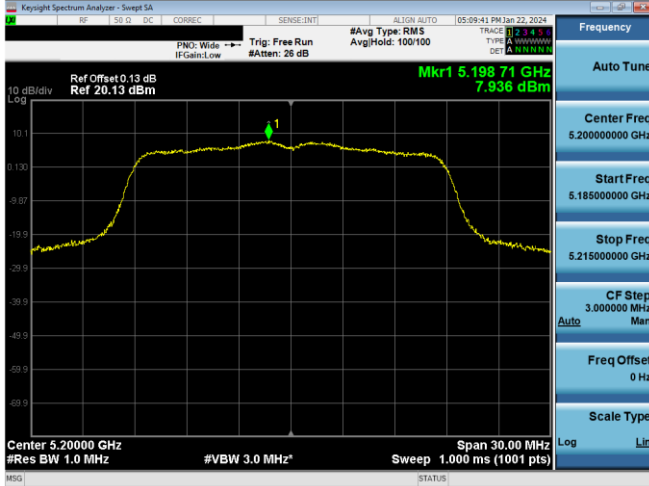


Plot 7-488. PSD Antenna 1b (80MHz BW 802.11ax(SU) – Ch. 122, MCS2)

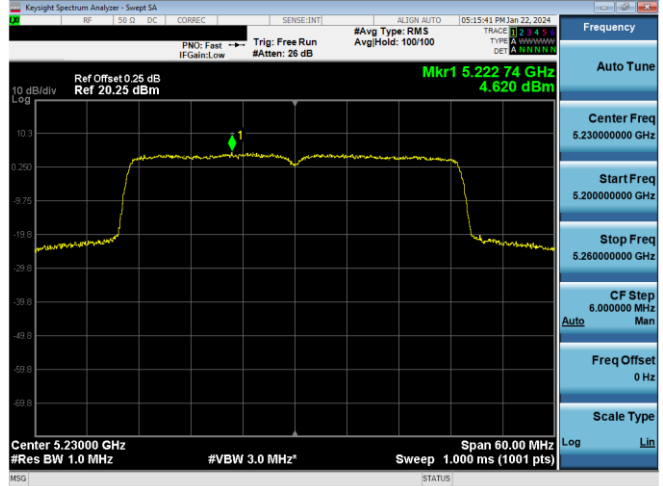


Plot 7-489. PSD Antenna 1b (160MHz BW 802.11ac – Ch. 114, MCS2)

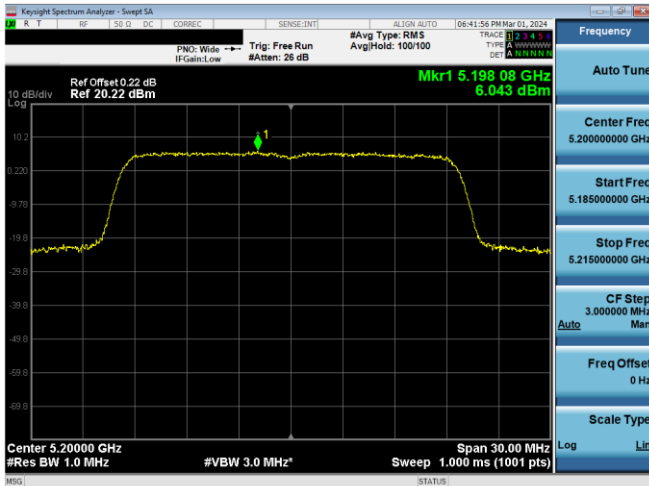
FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-24-R1.BCG	Test Dates: 11/29/2023 - 1/19/2024	EUT Type: Tablet Device	Page 188 of 594



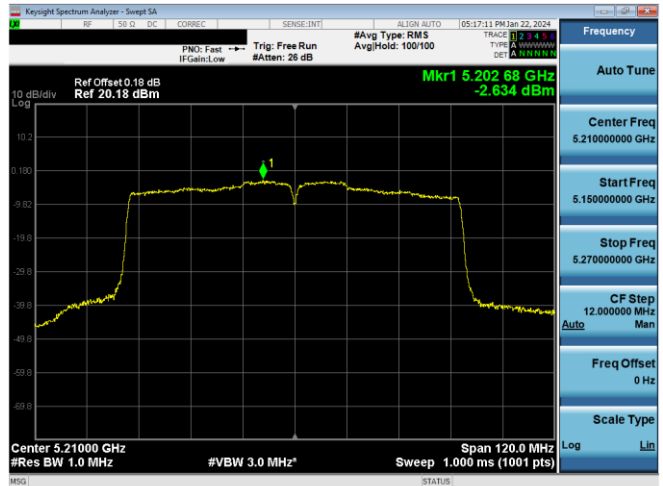
Plot 7-491. PSD Antenna 1b (20MHz BW 802.11n – Ch. 40, MCS4)



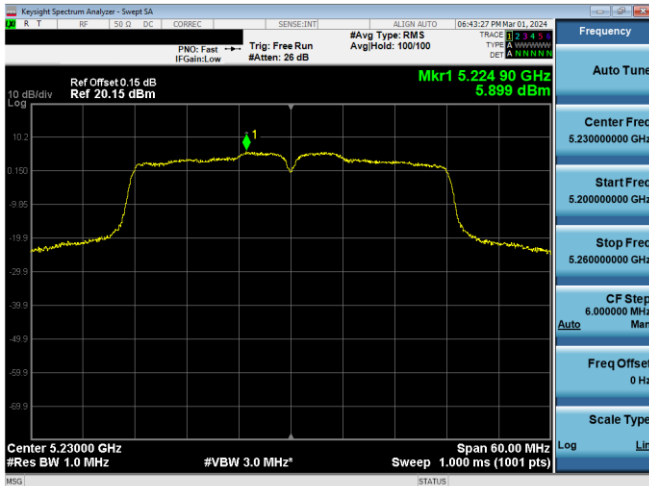
Plot 7-494. PSD Antenna 1b (40MHz BW 802.11ax(SU) – Ch. 46, MCS4)



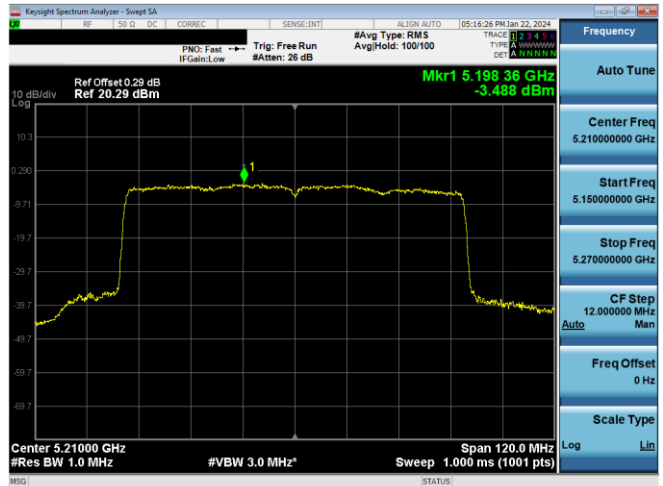
Plot 7-492. PSD Antenna 1b (20MHz BW 802.11ax(SU) – Ch. 40, MCS4)



Plot 7-495. PSD Antenna 1b (80MHz BW 802.11ac – Ch. 42, MCS4)

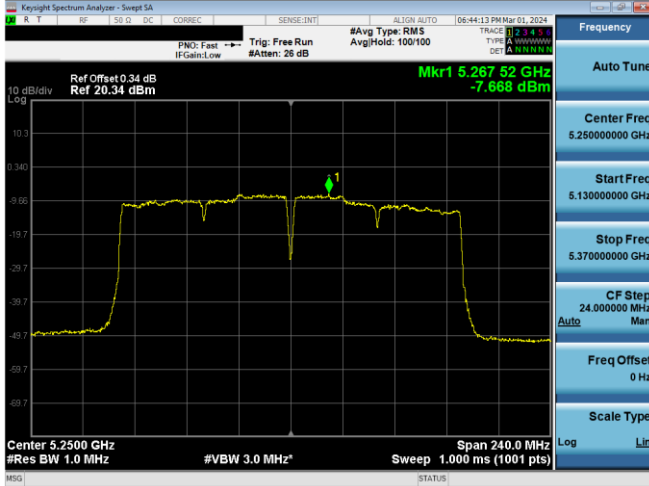


Plot 7-493. PSD Antenna 1b (40MHz BW 802.11n – Ch. 46, MCS4)

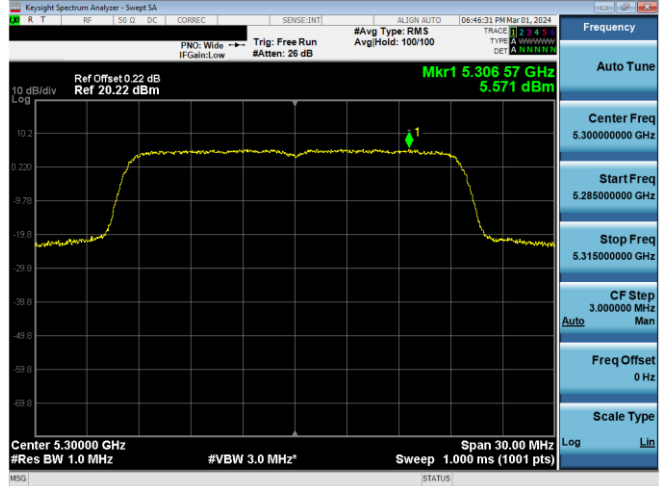


Plot 7-496. PSD Antenna 1b (80MHz BW 802.11ax(SU) – Ch. 42, MCS4)

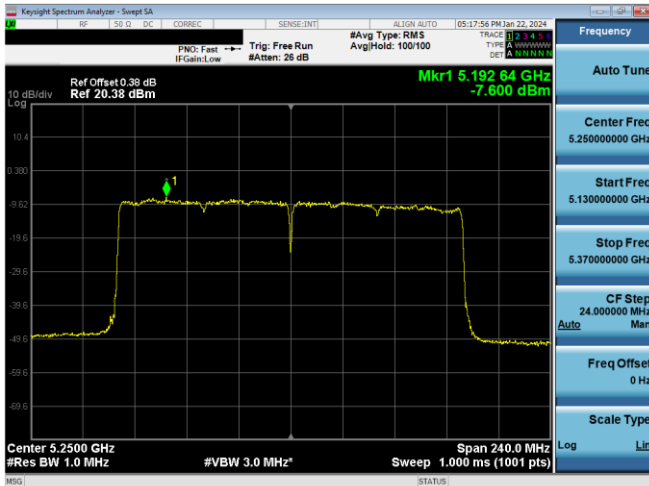
FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-24-R1.BCG	Test Dates: 11/29/2023 - 1/19/2024	EUT Type: Tablet Device	Page 189 of 594



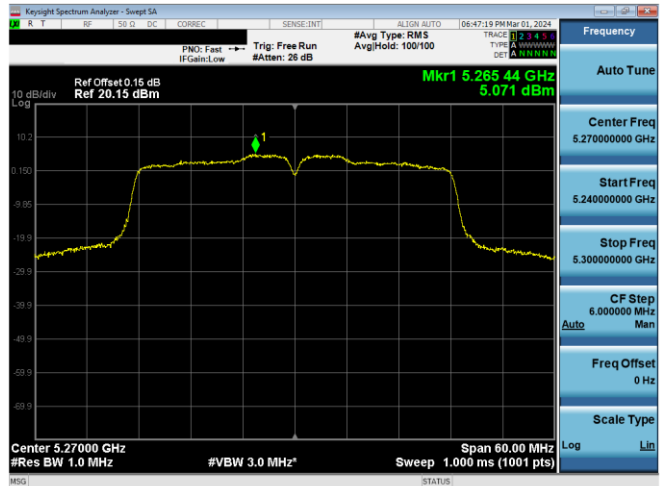
Plot 7-497. PSD Antenna 1b (160MHz BW 802.11ac – Ch. 50, MCS4)



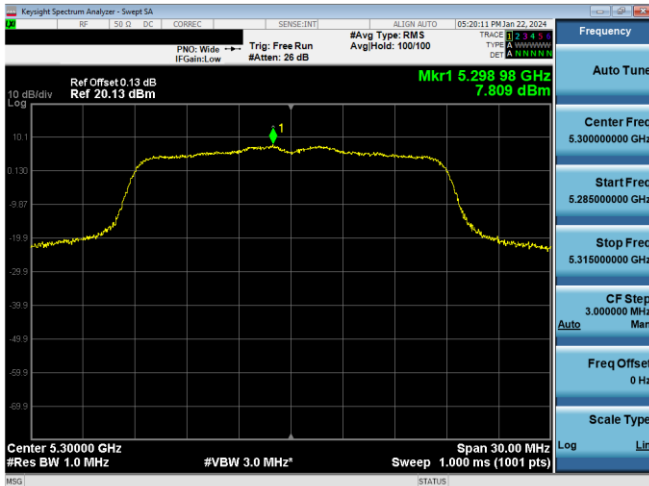
Plot 7-500. PSD Antenna 1b (20MHz BW 802.11ax(SU) – Ch. 60, MCS4)



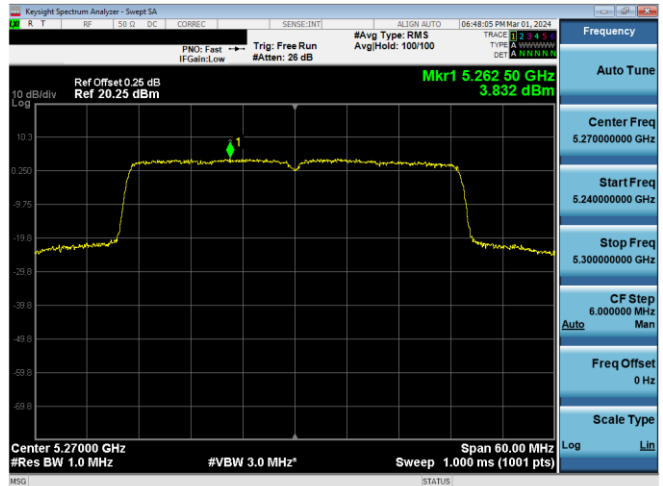
Plot 7-498. PSD Antenna 1b (160MHz BW 802.11ax(SU) – Ch. 50, MCS4)



Plot 7-501. PSD Antenna 1b (40MHz BW 802.11n – Ch. 54, MCS4)



Plot 7-499. PSD Antenna 1b (20MHz BW 802.11n – Ch. 60, MCS4)



Plot 7-502. PSD Antenna 1b (40MHz BW 802.11ax(SU) – Ch. 54, MCS4)

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-24-R1.BCG	Test Dates: 11/29/2023 - 1/19/2024	EUT Type: Tablet Device	Page 190 of 594