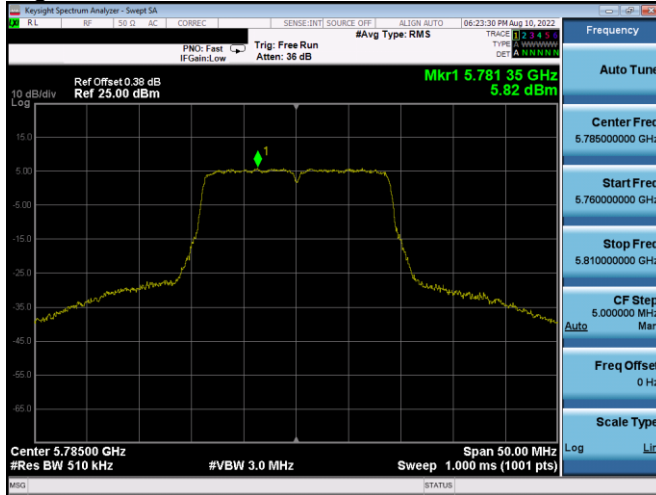


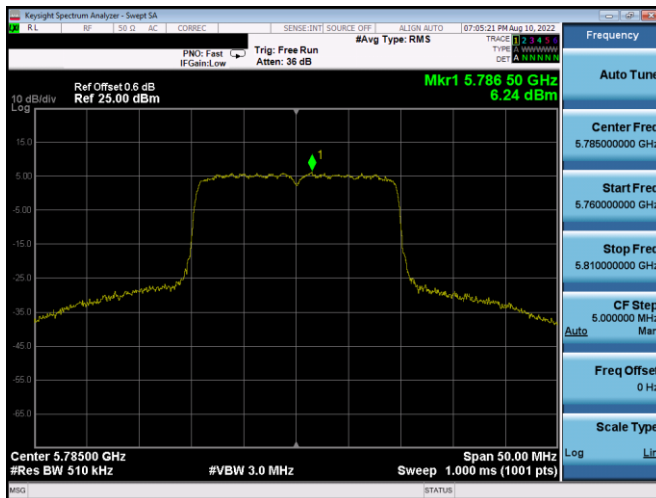
High Data Rate



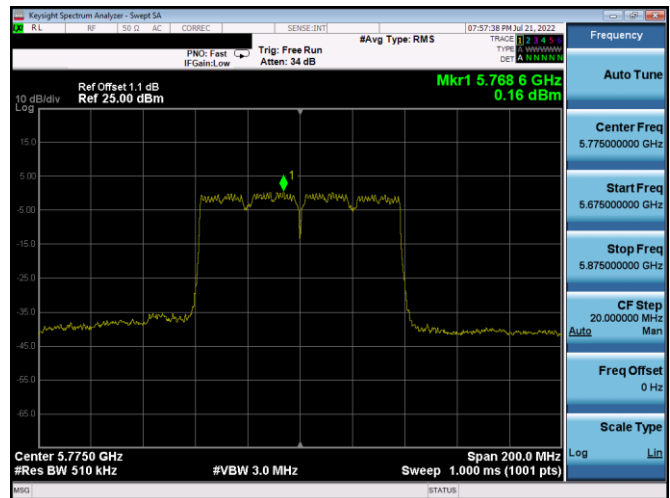
Plot 7-353. PSD Antenna 4a (20MHz BW 802.11n – Ch. 157, MCS7)



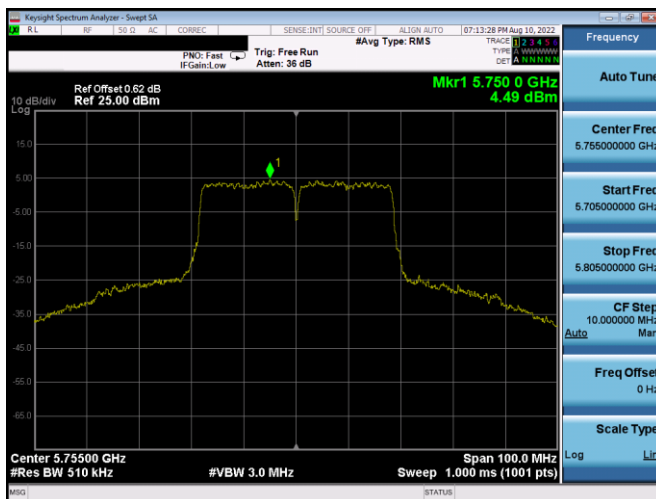
Plot 7-356. PSD Antenna 4a (40MHz BW 802.11ax(SU) – Ch. 151, MCS7)



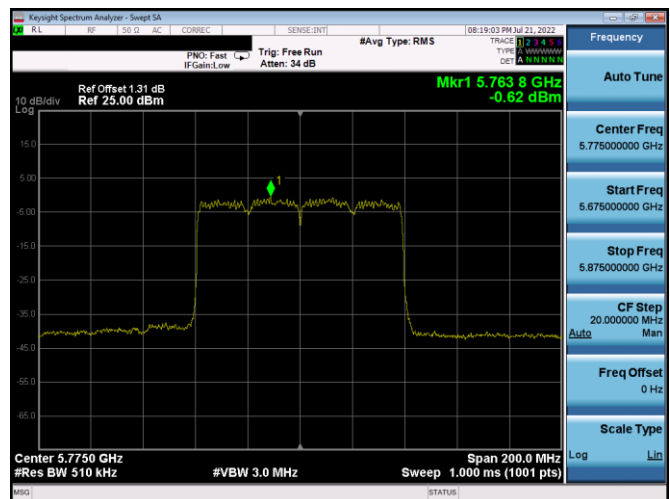
Plot 7-354. PSD Antenna 4a (20MHz BW 802.11ax(SU) – Ch. 157, MCS11)



Plot 7-357. PSD Antenna 4a (80MHz BW 802.11ac – Ch. 155, MCS9)



Plot 7-355. PSD Antenna 4a (40MHz BW 802.11n – Ch. 151, MCS7)



Plot 7-358. PSD Antenna 4a (80MHz BW 802.11ax(SU) – Ch. 155, MCS11)

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 141 of 389

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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)	4.13	2.40	6.53	10.0	-3.47
	5200	40	n (20MHz)	19.5/21.7 (MCS2)	4.07	2.40	6.47	10.0	-3.53
	5240	48	n (20MHz)	19.5/21.7 (MCS2)	3.79	2.40	6.19	10.0	-3.81
	5180	36	ax (SU) (20MHz)	24/25.8 (MCS2)	3.18	2.40	5.58	10.0	-4.42
	5200	40	ax (SU) (20MHz)	24/25.8 (MCS2)	3.56	2.40	5.96	10.0	-4.04
	5240	48	ax (SU) (20MHz)	24/25.8 (MCS2)	3.18	2.40	5.58	10.0	-4.42
	5190	38	n (40MHz)	40.5/45 (MCS2)	0.51	2.40	2.91	10.0	-7.09
	5230	46	n (40MHz)	40.5/45 (MCS2)	3.64	2.40	6.04	10.0	-3.96
	5190	38	ax (SU) (40MHz)	49/51.6 (MCS2)	-1.00	2.40	1.40	10.0	-8.60
	5230	46	ax (SU) (40MHz)	49/51.6 (MCS2)	3.11	2.40	5.51	10.0	-4.49
	5210	42	ac (80MHz)	87.8/97.5 (MCS2)	-3.19	2.40	-0.79	10.0	-10.79
	5210	42	ax (SU) (80MHz)	102/108.1 (MCS2)	-4.50	2.40	-2.10	10.0	-12.10
	5210	50	ac (160MHz)	175.5/195 (MCS2)	-10.20	3.70	-6.50	10.0	-16.50
	5210	50	ax (SU) (160MHz)	204.2/216.2 (MCS2)	-11.79	3.70	-8.09	10.0	-18.09

Table 7-131. 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)	4.57	2.40	6.97	10.0	-3.03
	5200	40	n (20MHz)	39/43.3 (MCS4)	4.15	2.40	6.55	10.0	-3.45
	5240	48	n (20MHz)	39/43.3 (MCS4)	4.12	2.40	6.52	10.0	-3.48
	5180	36	ax (SU) (20MHz)	49/51.6 (MCS4)	3.78	2.40	6.18	10.0	-3.82
	5200	40	ax (SU) (20MHz)	49/51.6 (MCS4)	3.51	2.40	5.91	10.0	-4.09
	5240	48	ax (SU) (20MHz)	49/51.6 (MCS4)	3.31	2.40	5.71	10.0	-4.29
	5190	38	n (40MHz)	81/90 (MCS4)	0.23	2.40	2.63	10.0	-7.37
	5230	46	n (40MHz)	81/90 (MCS4)	3.72	2.40	6.12	10.0	-3.88
	5190	38	ax (SU) (40MHz)	98/103.2 (MCS4)	-1.04	2.40	1.36	10.0	-8.64
	5230	46	ax (SU) (40MHz)	98/103.2 (MCS4)	3.24	2.40	5.64	10.0	-4.37
	5210	42	ac (80MHz)	175.5/195 (MCS4)	-4.49	2.40	-2.09	10.0	-12.09
	5210	42	ax (SU) (80MHz)	204/216.2 (MCS4)	-4.82	2.40	-2.42	10.0	-12.42
	5210	50	ac (160MHz)	351/390 (MCS 4)	-10.30	3.70	-6.60	10.0	-16.60
	5210	50	ax (SU) (160MHz)	408.3/432.4 (MCS 4)	-12.05	3.70	-8.35	10.0	-18.35

Table 7-132. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 4a (Mid Data Rate)

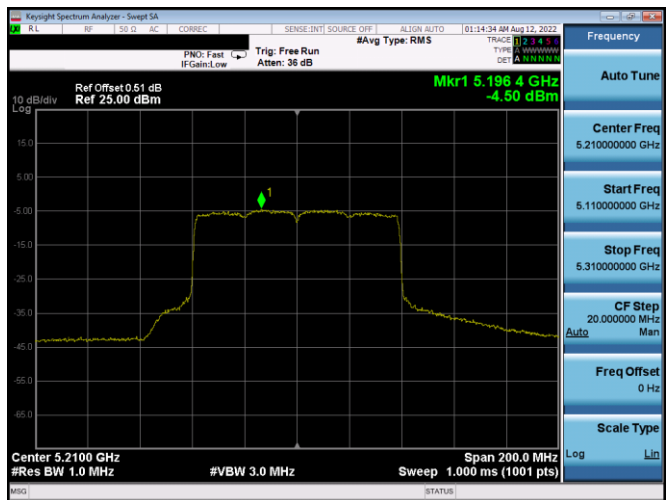
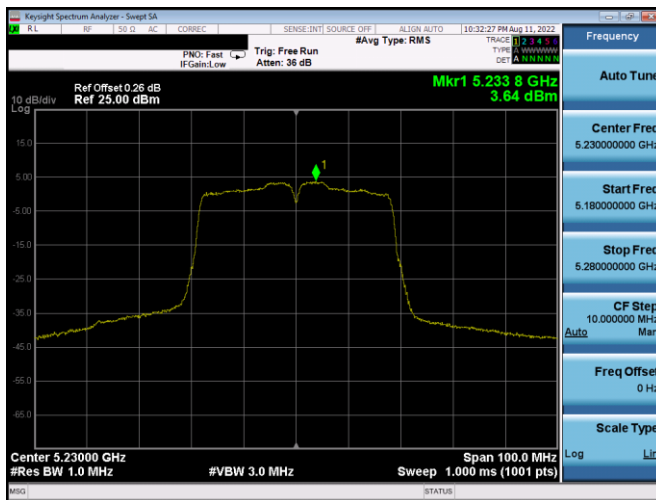
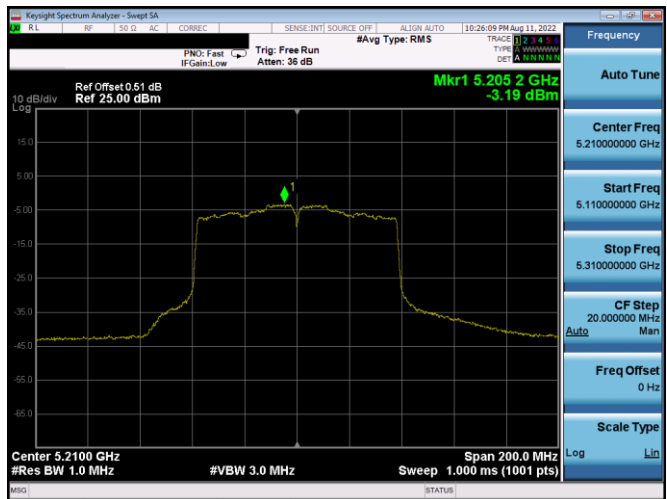
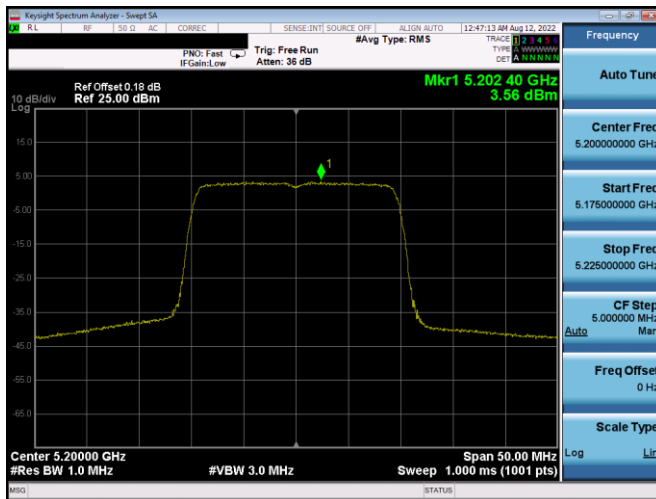
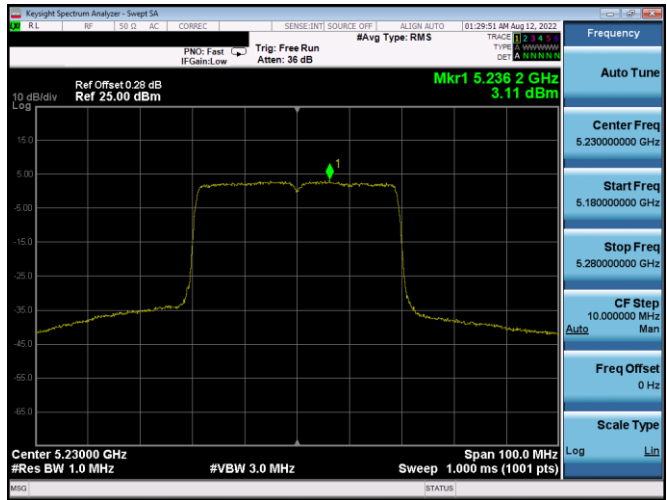
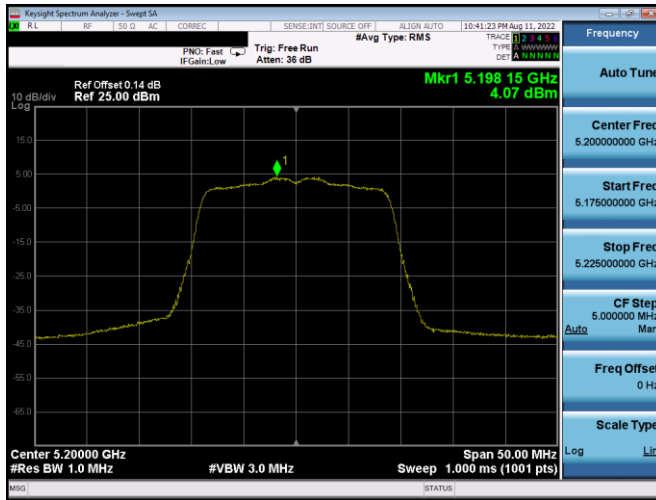
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	65/72.2 (MCS7)	3.31	2.40	5.71	10.0	-4.29
	5200	40	n (20MHz)	65/72.2 (MCS7)	3.07	2.40	5.47	10.0	-4.53
	5240	48	n (20MHz)	65/72.2 (MCS7)	3.08	2.40	5.48	10.0	-4.52
	5180	36	ax (SU) (20MHz)	135/143.4 (MCS11)	3.79	2.40	6.19	10.0	-3.81
	5200	40	ax (SU) (20MHz)	135/143.4 (MCS11)	3.77	2.40	6.17	10.0	-3.83
	5240	48	ax (SU) (20MHz)	135/143.4 (MCS11)	3.61	2.40	6.01	10.0	-3.99
	5190	38	n (40MHz)	135/150 (MCS7)	-1.92	2.40	0.49	10.0	-9.52
	5230	46	n (40MHz)	135/150 (MCS7)	2.85	2.40	5.25	10.0	-4.75
	5190	38	ax (SU) (40MHz)	271/286.8 (MCS11)	-1.52	2.40	0.88	10.0	-9.12
	5230	46	ax (SU) (40MHz)	271/286.8 (MCS11)	3.60	2.40	6.00	10.0	-4.00
	5210	42	ac (80MHz)	390/433.3 (MCS9)	-5.39	2.40	-2.99	10.0	-12.99
	5210	42	ax (SU) (80MHz)	567/600.5 (MCS11)	-5.30	2.40	-2.90	10.0	-12.90
	5210	50	ac (160MHz)	781/866.7 (MCS 9)	-12.01	3.70	-8.31	10.0	-18.31
	5210	50	ax (SU) (160MHz)	1134.3/1201 MCS 11	-12.12	3.70	-8.42	10.0	-18.42

Table 7-133. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 4a (High Data Rate)

FCC ID: BCGA2435 IC: 579C-A2435			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 142 of 389	

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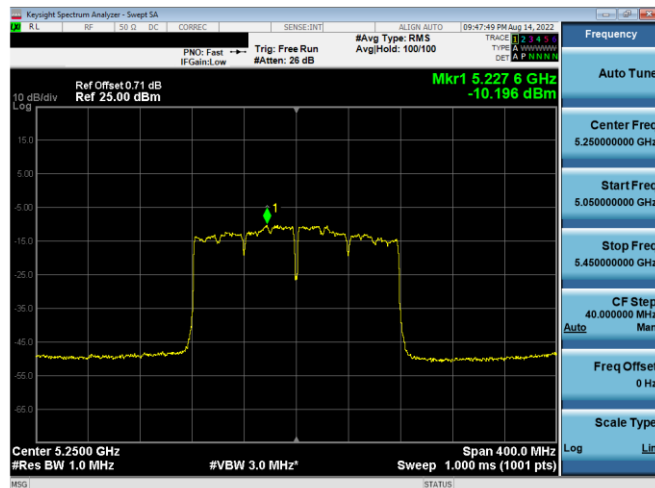
Low Data Rate



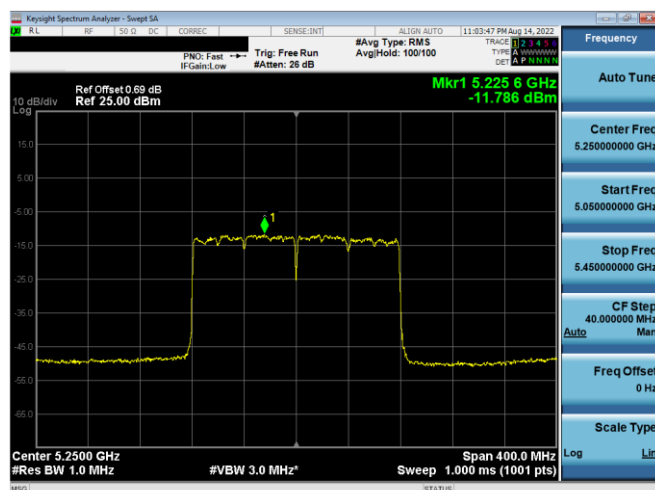
FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 143 of 389

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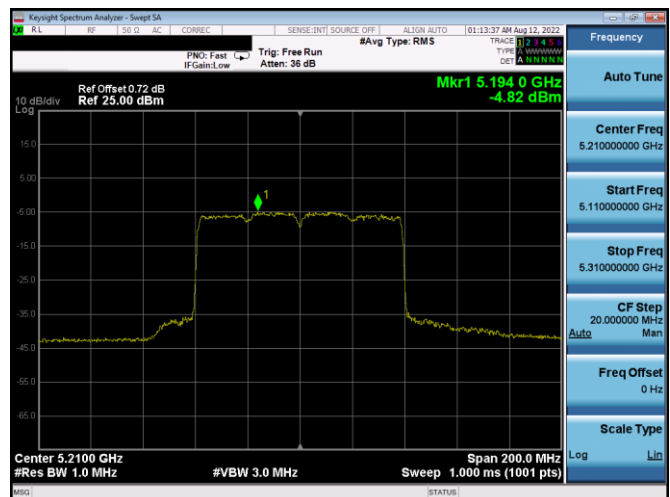
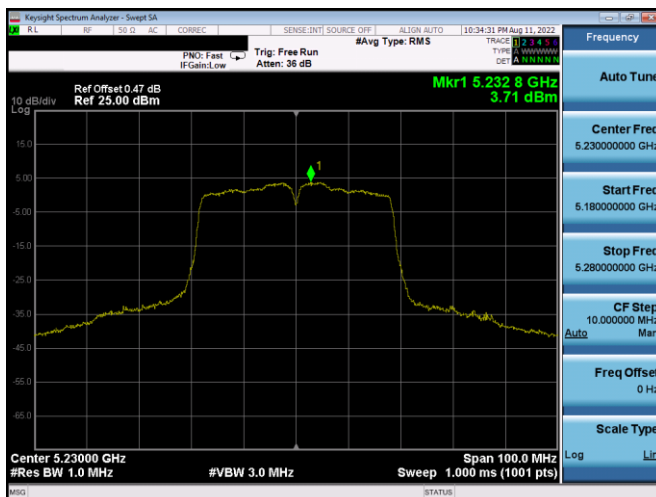
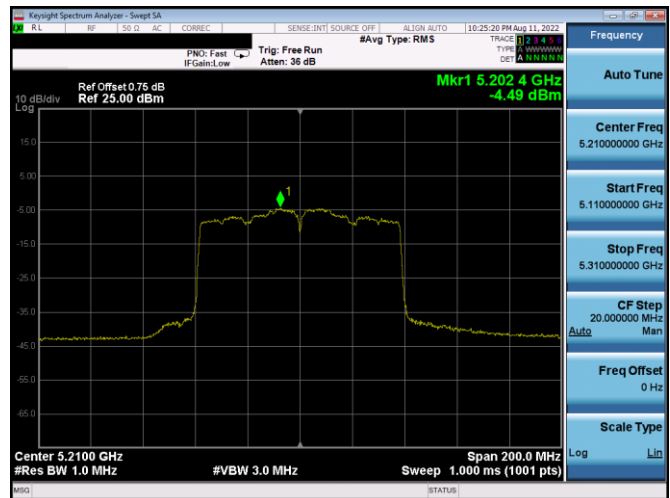
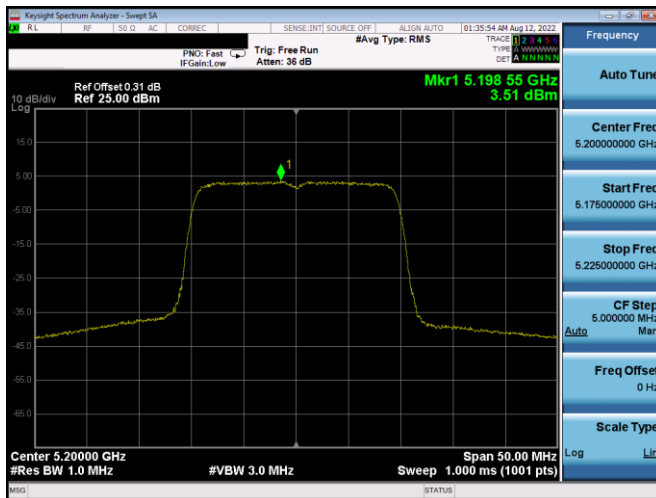
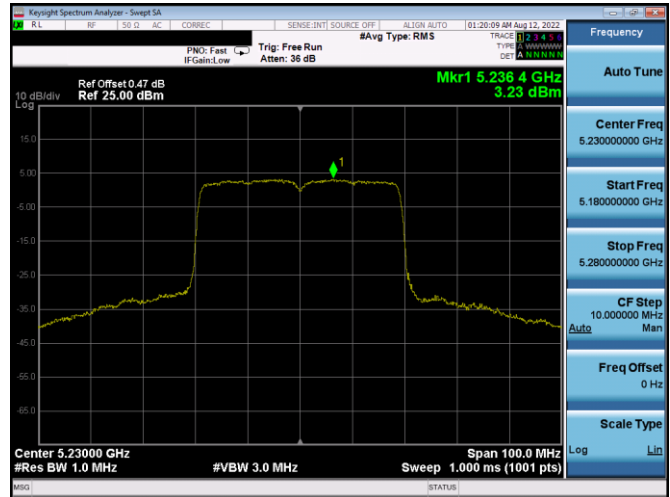
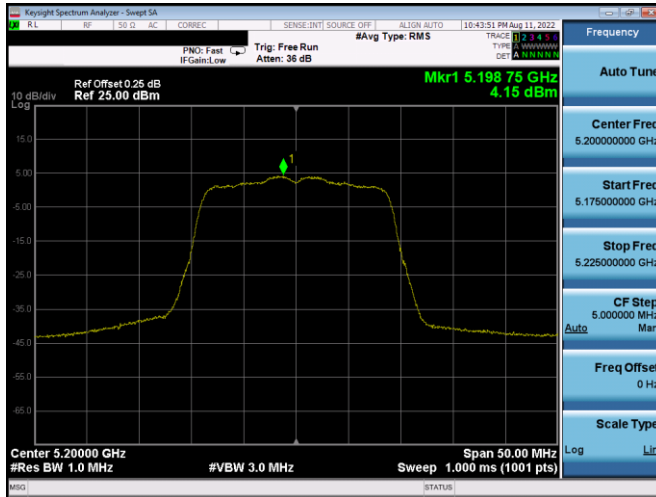
Plot 7-365. ISED PSD Antenna 4a (160MHz BW 11ac- Ch.50 MCS2)



Plot 7-366. ISED PSD Antenna 4a (160MHz BW 11ax(SU) – Ch.50 MCS2)

FCC ID: BCGA2435 IC: 579C-A2435	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 144 of 389

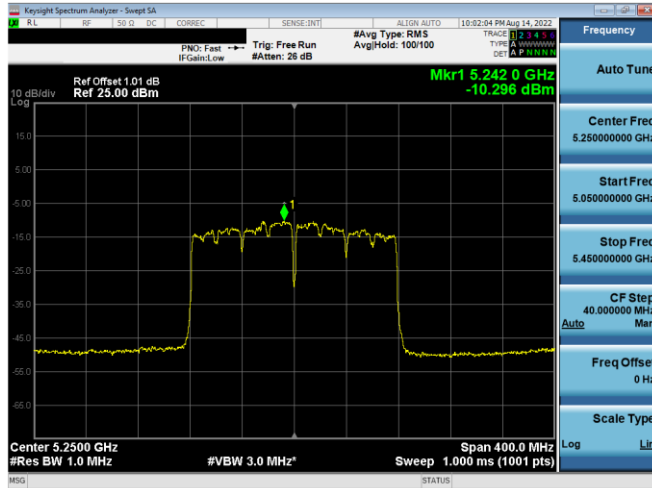
Mid Data Rate



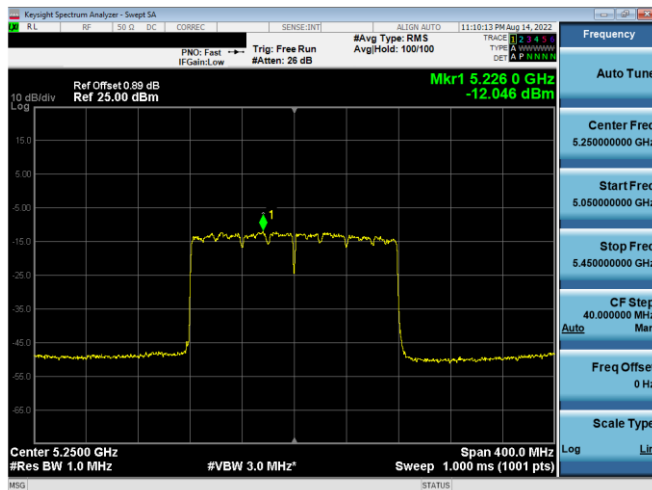
FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 145 of 389

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Plot 7-373. ISED PSD Antenna 4a (160MHz BW 11ac- Ch.50 MCS4)



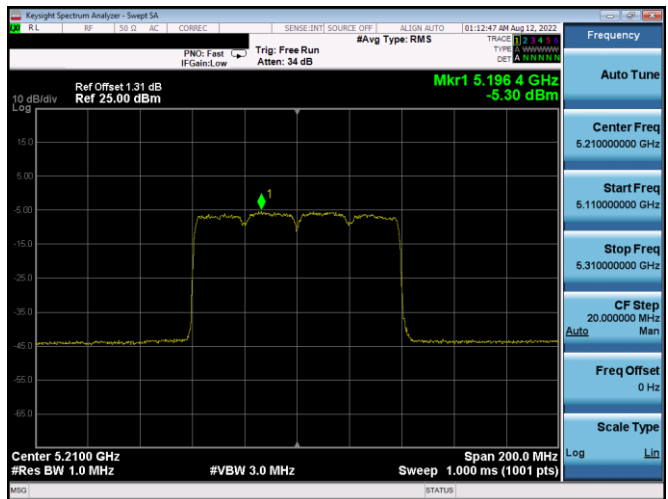
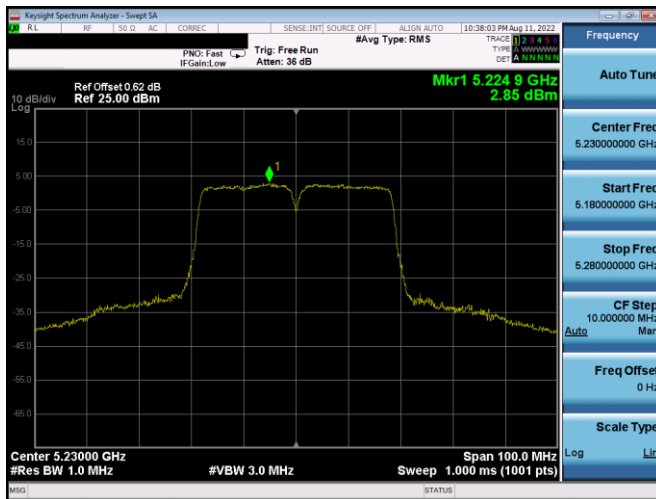
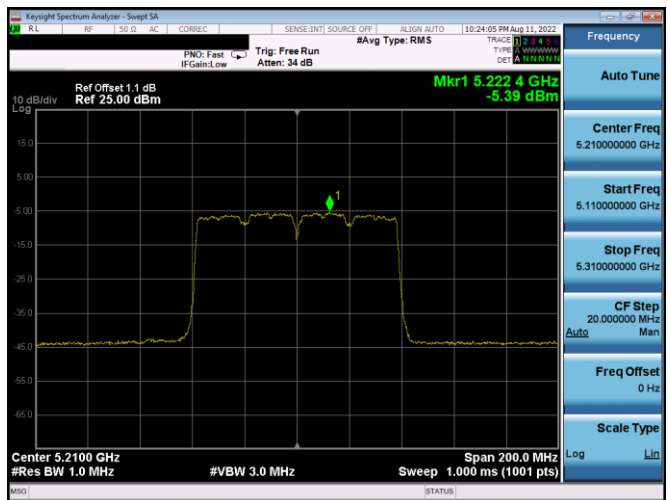
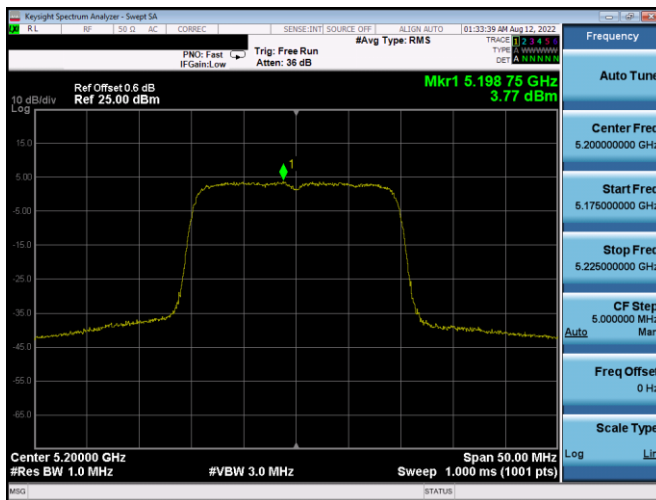
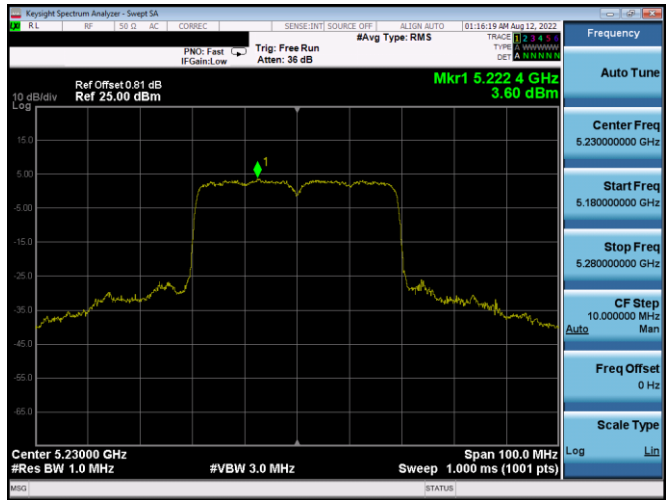
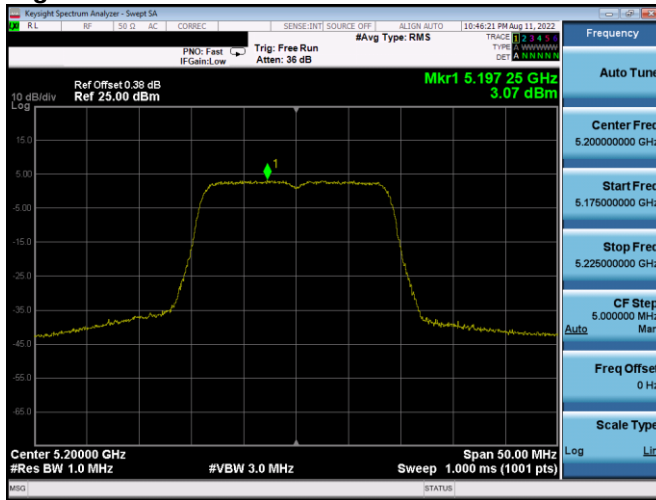
Plot 7-374. ISED PSD Antenna 4a (160MHz BW 11ax(SU) – Ch.50 MCS4)

FCC ID: BCGA2435 IC: 579C-A2435	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 146 of 389

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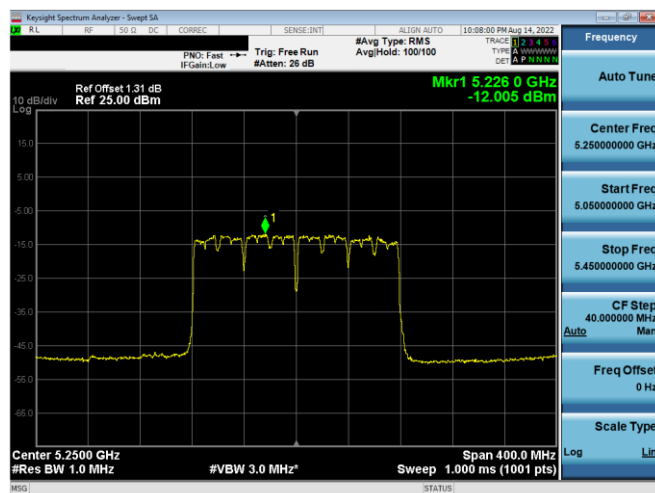
High Data Rate



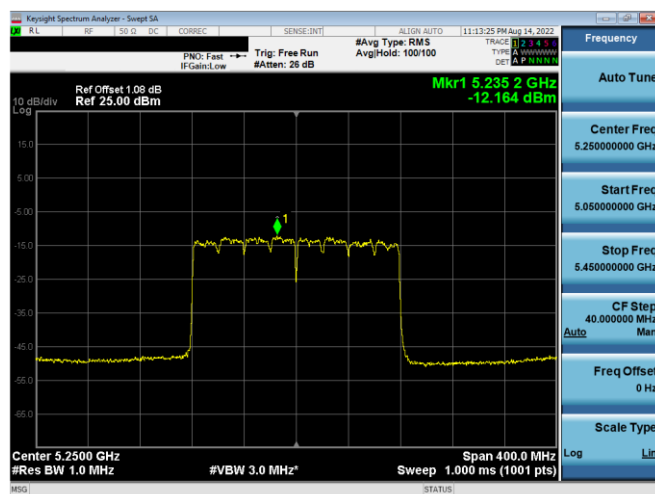
FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 147 of 389

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Plot 7-381. ISED PSD Antenna 4a (160MHz BW 11ac- Ch.50 MCS9)



Plot 7-382. ISED PSD Antenna 4a (160MHz BW 11ax(SU) – Ch.50 MCS11)

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 148 of 389

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7.5.3 Summed CDD/SDM Power Spectral Density Measurements

	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Antenna 5b Power Density [dBm/MHz]	Antenna 4a Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	SDM	39/43.3 (MCS10)	6.58	6.96	9.78	11.0	-1.22
	5200	40	n (20MHz)	SDM	39/43.3 (MCS10)	6.54	7.19	9.89	11.0	-1.11
	5240	48	n (20MHz)	SDM	39/43.3 (MCS10)	6.60	7.02	9.82	11.0	-1.18
	5180	36	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	4.64	5.13	7.90	11.0	-3.10
	5200	40	ax (SU) (20MHz)	SDM	48/51.6 (MCS2)	5.68	5.77	8.74	11.0	-2.26
	5240	48	ax (SU) (20MHz)	SDM	48/51.6 (MCS2)	5.29	5.58	8.45	11.0	-2.55
	5190	38	n (40MHz)	CDD	81/90 (MCS10)	0.75	0.34	3.56	11.0	-7.44
	5230	46	n (40MHz)	SDM	81/90 (MCS10)	6.39	6.39	9.40	11.0	-1.60
	5190	38	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	0.81	-0.21	3.34	11.0	-7.66
	5230	46	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	6.54	5.98	9.28	11.0	-1.72
	5210	42	ac (80MHz)	CDD	175.5/195 (MCS2)	-2.25	-2.08	0.85	11.0	-10.15
Band 1/2	5210	42	ax (SU) (80MHz)	CDD	204/216.2 (MCS2)	-4.05	-4.30	-1.16	11.0	-12.16
	5250	50	ax (160MHz)	CDD	367.6/432.4 (MCS2)	-10.85	-11.95	-8.35	11.0	-19.35
Band 2A	5250	50	ac (160MHz)	CDD	195/390 (MCS2)	-13.25	-12.83	-10.02	11.0	-21.02
	5260	52	n (20MHz)	SDM	39/43.3 (MCS10)	5.99	6.92	9.49	11.0	-1.51
	5280	56	n (20MHz)	SDM	39/43.3 (MCS10)	5.97	6.90	9.47	11.0	-1.53
	5320	64	n (20MHz)	SDM	39/43.3 (MCS10)	6.11	6.46	9.30	11.0	-1.70
	5260	52	ax (SU) (20MHz)	SDM	48/51.6 (MCS2)	5.05	5.67	8.38	11.0	-2.62
	5280	56	ax (SU) (20MHz)	SDM	48/51.6 (MCS2)	4.75	5.45	8.12	11.0	-2.88
	5320	64	ax (SU) (20MHz)	SDM	48/51.6 (MCS2)	4.47	5.27	7.90	11.0	-3.10
	5270	54	n (40MHz)	SDM	81/90 (MCS10)	6.59	6.22	9.42	11.0	-1.58
	5310	62	n (40MHz)	CDD	81/90 (MCS10)	2.70	2.39	5.56	11.0	-5.44
	5270	54	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	7.03	6.38	9.72	11.0	-1.28
	5310	62	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	1.78	1.15	4.49	11.0	-6.51
	5290	58	ac (80MHz)	CDD	175.5/195 (MCS2)	-0.01	-0.45	2.78	11.0	-8.22
	5290	58	ax (SU) (80MHz)	CDD	204/216.2 (MCS2)	-1.11	-1.59	1.67	11.0	-9.33
	5500	100	n (20MHz)	CDD	39/43.3 (MCS10)	6.40	6.30	9.36	11.0	-1.64
	5580	116	n (20MHz)	CDD	39/43.3 (MCS10)	6.19	6.16	9.18	11.0	-1.82
Band 2C	5720	144	n (20MHz)	CDD	39/43.3 (MCS10)	6.85	6.68	9.77	11.0	-1.23
	5500	100	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	5.09	5.05	8.08	11.0	-2.92
	5580	116	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	4.77	4.84	7.82	11.0	-3.18
	5720	144	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	5.58	4.99	8.31	11.0	-2.69
	5510	102	n (40MHz)	CDD	81/90 (MCS10)	1.13	0.93	4.04	11.0	-6.96
	5550	110	n (40MHz)	CDD	81/90 (MCS10)	6.34	6.10	9.23	11.0	-1.77
	5710	142	n (40MHz)	CDD	81/90 (MCS10)	6.93	6.15	9.57	11.0	-1.43
	5510	102	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	0.70	-0.04	3.36	11.0	-7.64
	5550	110	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	6.23	5.43	8.85	11.0	-2.15
	5710	142	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	7.16	6.28	9.75	11.0	-1.25
	5530	106	ac (80MHz)	CDD	175.5/195 (MCS2)	0.17	-0.62	2.80	11.0	-8.20
	5610	*122	ac (80MHz)	CDD	175.5/195 (MCS2)	3.22	2.79	6.02	11.0	-4.98
	5690	138	ac (80MHz)	CDD	175.5/195 (MCS2)	5.46	4.64	8.08	11.0	-2.92
	5530	106	ax (SU) (80MHz)	CDD	204/216.2 (MCS2)	-2.38	-2.47	0.59	11.0	-10.41
	5610	*122	ax (SU) (80MHz)	CDD	204/216.2 (MCS2)	0.87	0.94	3.91	11.0	-7.09
	5690	138	ax (SU) (80MHz)	CDD	204/216.2 (MCS2)	4.04	3.51	6.79	11.0	-4.21
	5570	*114	ax (160MHz)	CDD	367.6/432.4 (MCS2)	-9.43	-10.25	-6.81	11.0	-17.81
	5570	*114	ac (160MHz)	CDD	195/390 (MCS2)	-10.46	-11.36	-7.88	11.0	-18.88

Table 7-134. Bands 1, 2A, 2C CDD/SDM Power Spectral Density Measurements (Low Data Rate)

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

FCC ID: BCGA2435 IC: 579C-A2435	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 149 of 389

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	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Antenna 5b Power Density [dBm/MHz]	Antenna 4a Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	CDD	39/43.3 (MCS10)	6.05	6.32	9.20	11.0	-1.80
	5200	40	n (20MHz)	SDM	39/43.3 (MCS10)	7.17	7.24	10.21	11.0	-0.79
	5240	48	n (20MHz)	SDM	39/43.3 (MCS10)	6.99	7.27	10.14	11.0	-0.86
	5180	36	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	4.69	5.01	7.86	11.0	-3.14
	5200	40	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	5.64	5.71	8.68	11.0	-2.32
	5240	48	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	5.50	6.05	8.79	11.0	-2.21
	5190	38	n (40MHz)	CDD	81/90 (MCS10)	0.23	0.10	3.18	11.0	-7.82
	5230	46	n (40MHz)	SDM	81/90 (MCS10)	6.40	6.53	9.48	11.0	-1.52
	5190	38	ax (SU) (40MHz)	SDM	98/103.2 (MCS2)	0.69	-0.14	3.30	11.0	-7.70
	5230	46	ax (SU) (40MHz)	SDM	98/103.2 (MCS2)	6.60	6.30	9.46	11.0	-1.54
	5210	42	ac (80MHz)	CDD	175.5/195 (MCS2)	-2.35	-2.81	0.44	11.0	-10.56
Band 1/2	5210	42	ax (SU) (80MHz)	CDD	204/216.2 (MCS2)	-3.34	-3.50	-0.41	11.0	-11.41
	5250	50	ax (SU) (160MHz)	CDD	816.6/864.8(MCS4)	-11.20	-12.30	-8.70	11.0	-19.70
Band 2A	5250	50	ac (160MHz)	CDD	702/780(MCS4)	-9.88	-11.64	-7.66	11.0	-18.66
	5260	52	n (20MHz)	SDM	39/43.3 (MCS10)	6.83	7.11	9.99	11.0	-1.01
	5280	56	n (20MHz)	SDM	39/43.3 (MCS10)	6.14	6.97	9.59	11.0	-1.41
	5320	64	n (20MHz)	SDM	39/43.3 (MCS10)	6.55	6.70	9.64	11.0	-1.36
	5260	52	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	4.97	5.97	8.51	11.0	-2.49
	5280	56	ax (SU) (20MHz)	SDM	48/51.6 (MCS2)	4.99	5.79	8.42	11.0	-2.58
	5320	64	ax (SU) (20MHz)	SDM	48/51.6 (MCS2)	5.33	5.27	8.31	11.0	-2.69
	5270	54	n (40MHz)	SDM	81/90 (MCS10)	6.75	6.66	9.71	11.0	-1.29
	5310	62	n (40MHz)	CDD	81/90 (MCS10)	2.29	1.71	5.02	11.0	-5.98
	5270	54	ax (SU) (40MHz)	SDM	98/103.2 (MCS2)	6.74	6.01	9.40	11.0	-1.60
	5310	62	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	0.94	0.51	3.74	11.0	-7.26
Band 2C	5290	58	ac (80MHz)	CDD	175.5/195 (MCS2)	-0.36	-0.62	2.52	11.0	-8.48
	5290	58	ax (SU) (80MHz)	CDD	204/216.2 (MCS2)	-1.72	-2.26	1.03	11.0	-9.97
	5500	100	n (20MHz)	CDD	39/43.3 (MCS10)	5.80	5.58	8.70	11.0	-2.30
	5580	116	n (20MHz)	CDD	39/43.3 (MCS10)	6.18	6.44	9.32	11.0	-1.68
	5720	144	n (20MHz)	CDD	39/43.3 (MCS10)	7.27	6.76	10.03	11.0	-0.97
	5500	100	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	4.49	4.46	7.48	11.0	-3.52
	5580	116	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	5.03	5.07	8.06	11.0	-2.94
	5720	144	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	5.67	5.45	8.57	11.0	-2.43
	5510	102	n (40MHz)	CDD	81/90 (MCS10)	0.48	-0.03	3.24	11.0	-7.76
	5550	110	n (40MHz)	CDD	81/90 (MCS10)	6.09	5.93	9.02	11.0	-1.98
	5710	142	n (40MHz)	CDD	81/90 (MCS10)	6.75	6.55	9.66	11.0	-1.34
	5510	102	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	0.13	-0.84	2.68	11.0	-8.32
	5550	110	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	6.27	5.65	8.98	11.0	-2.02
	5710	142	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	7.26	6.55	9.93	11.0	-1.07
	5530	106	ac (80MHz)	CDD	175.5/195 (MCS2)	-2.95	-2.28	0.41	11.0	-10.59
	5610	*122	ac (80MHz)	CDD	175.5/195 (MCS2)	2.36	2.52	5.45	11.0	-5.55
	5690	138	ac (80MHz)	CDD	175.5/195 (MCS2)	5.65	5.16	8.42	11.0	-2.58
	5530	106	ax (SU) (80MHz)	CDD	204/216.2 (MCS2)	-3.12	-3.63	-0.36	11.0	-11.36
	5610	*122	ax (SU) (80MHz)	CDD	204/216.2 (MCS2)	0.36	0.14	3.26	11.0	-7.74
	5690	138	ax (SU) (80MHz)	CDD	204/216.2 (MCS2)	4.67	3.82	7.27	11.0	-3.73
	5570	*114	ax (SU) (160MHz)	CDD	816.6/864.8(MCS4)	-11.01	-11.61	-8.29	11.0	-19.29
	5570	*114	ac (160MHz)	CDD	702/780(MCS4)	-10.12	-11.64	-7.80	11.0	-18.80

Table 7-135. Bands 1, 2A, 2C CDD/SDM Power Spectral Density Measurements (Mid Data Rate)

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

FCC ID: BCGA2435 IC: 579C-A2435	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 150 of 389

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	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Antenna 5b Power Density [dBm/MHz]	Antenna 4a Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	CDD	39/43.3 (MCS10)	4.57	4.59	7.59	11.0	-3.41
	5200	40	n (20MHz)	SDM	39/43.3 (MCS10)	5.80	6.15	8.99	11.0	-2.01
	5240	48	n (20MHz)	SDM	39/43.3 (MCS10)	6.09	5.87	8.99	11.0	-2.01
	5180	36	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	4.25	4.63	7.46	11.0	-3.54
	5200	40	ax (SU) (20MHz)	SDM	48/51.6 (MCS2)	5.70	5.91	8.82	11.0	-2.18
	5240	48	ax (SU) (20MHz)	SDM	48/51.6 (MCS2)	5.84	5.91	8.88	11.0	-2.12
	5190	38	n (40MHz)	CDD	81/90 (MCS10)	-0.88	-1.28	1.93	11.0	-9.07
	5230	46	n (40MHz)	CDD	81/90 (MCS10)	5.12	5.15	8.14	11.0	-2.86
	5190	38	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	-0.19	-0.66	2.59	11.0	-8.41
	5230	46	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	6.54	5.96	9.27	11.0	-1.73
Band 1/2	5210	42	ac (80MHz)	CDD	175.5/195 (MCS2)	-2.91	-3.11	0.00	11.0	-11.00
	5210	42	ax (SU) (80MHz)	CDD	204/216.2 (MCS2)	-3.83	-3.88	-0.84	11.0	-11.84
Band 2A	5250	50	ax (SU) (160MHz)	CDD	1089/1153 (MCS11)	-11.51	-11.80	-8.64	11.0	-19.64
	5250	50	ac (160MHz)	CDD	936/1040 (MCS9)	-11.31	-12.27	-8.75	11.0	-19.75
	5260	52	n (20MHz)	SDM	39/43.3 (MCS10)	5.21	6.00	8.63	11.0	-2.37
	5280	56	n (20MHz)	SDM	39/43.3 (MCS10)	5.62	6.04	8.85	11.0	-2.15
	5320	64	n (20MHz)	SDM	39/43.3 (MCS10)	4.79	5.11	7.96	11.0	-3.04
	5260	52	ax (SU) (20MHz)	SDM	48/51.6 (MCS2)	5.16	6.03	8.63	11.0	-2.37
	5280	56	ax (SU) (20MHz)	SDM	48/51.6 (MCS2)	5.21	5.94	8.60	11.0	-2.40
	5320	64	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	4.84	5.25	8.06	11.0	-2.94
	5270	54	n (40MHz)	SDM	81/90 (MCS10)	5.76	5.70	8.74	11.0	-2.26
	5310	62	n (40MHz)	CDD	81/90 (MCS10)	0.08	-0.73	2.70	11.0	-8.30
	5270	54	ax (SU) (40MHz)	SDM	98/103.2 (MCS2)	6.87	6.15	9.54	11.0	-1.46
	5310	62	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	0.73	-0.07	3.36	11.0	-7.64
	5290	58	ac (80MHz)	CDD	175.5/195 (MCS2)	-2.27	-2.27	0.74	11.0	-10.26
	5290	58	ax (SU) (80MHz)	CDD	204/216.2 (MCS2)	-2.53	-3.05	0.23	11.0	-10.77
Band 2C	5500	100	n (20MHz)	CDD	39/43.3 (MCS10)	3.01	3.12	6.07	11.0	-4.93
	5580	116	n (20MHz)	CDD	39/43.3 (MCS10)	5.30	5.09	8.20	11.0	-2.80
	5720	144	n (20MHz)	CDD	39/43.3 (MCS10)	5.83	5.40	8.63	11.0	-2.37
	5500	100	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	3.30	3.19	6.26	11.0	-4.74
	5580	116	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	5.30	5.53	8.43	11.0	-2.57
	5720	144	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	6.11	5.34	8.75	11.0	-2.25
	5510	102	n (40MHz)	CDD	81/90 (MCS10)	-2.27	-2.37	0.69	11.0	-10.31
	5550	110	n (40MHz)	CDD	81/90 (MCS10)	4.11	4.03	7.08	11.0	-3.92
	5710	142	n (40MHz)	CDD	81/90 (MCS10)	5.98	5.54	8.77	11.0	-2.23
	5510	102	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	-0.70	-1.57	1.90	11.0	-9.10
	5550	110	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	5.56	5.02	8.31	11.0	-2.69
	5710	142	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	6.02	6.33	9.19	11.0	-1.81
	5530	106	ac (80MHz)	CDD	175.5/195 (MCS2)	-2.64	-3.47	-0.03	11.0	-11.03
	5610	*122	ac (80MHz)	CDD	175.5/195 (MCS2)	0.80	-0.04	3.41	11.0	-7.59
	5690	138	ac (80MHz)	CDD	175.5/195 (MCS2)	4.67	3.90	7.31	11.0	-3.69
	5530	106	ax (SU) (80MHz)	CDD	204/216.2 (MCS2)	-3.42	-3.54	-0.47	11.0	-11.47
	5610	*122	ax (SU) (80MHz)	CDD	204/216.2 (MCS2)	0.47	0.13	3.31	11.0	-7.69
	5690	138	ax (SU) (80MHz)	CDD	204/216.2 (MCS2)	4.49	3.89	7.21	11.0	-3.79
	5570	*114	ax (SU) (160MHz)	CDD	1089/1153 (MCS11)	-11.58	-12.53	-9.02	11.0	-20.02
	5570	*114	ac (160MHz)	CDD	936/1040 (MCS9)	-12.31	-11.58	-8.92	11.0	-19.92

Table 7-136. Bands 1, 2A, 2C CDD/SDM Power Spectral Density Measurements (High Data Rate)

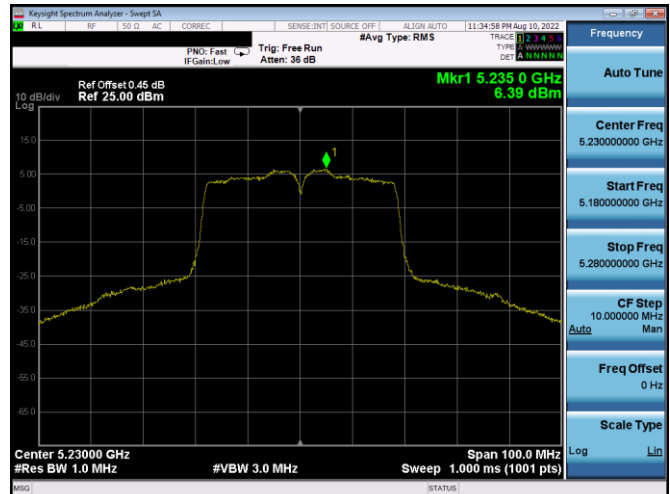
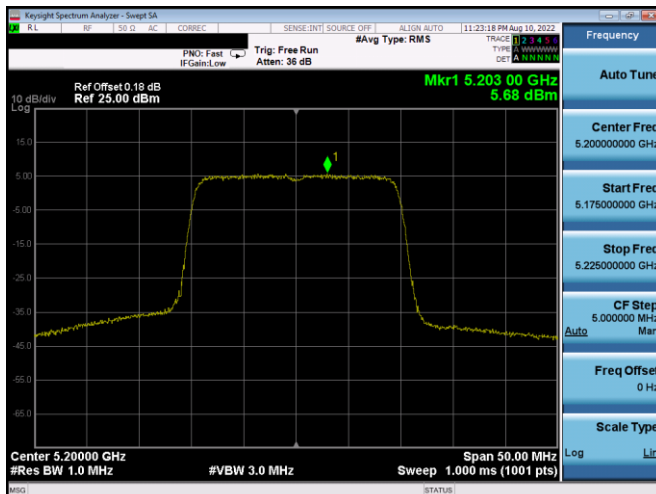
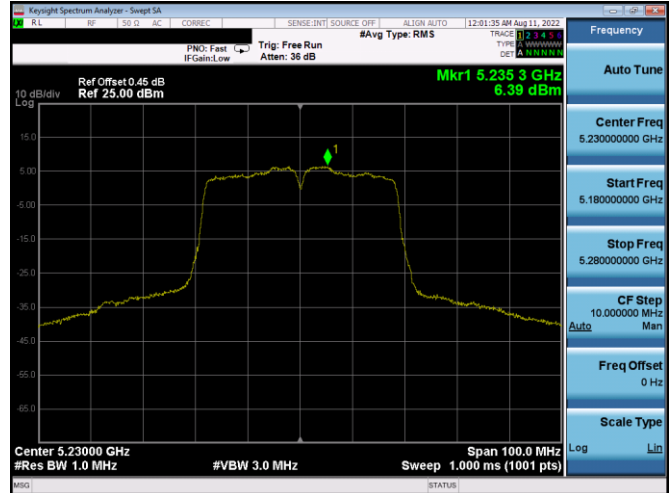
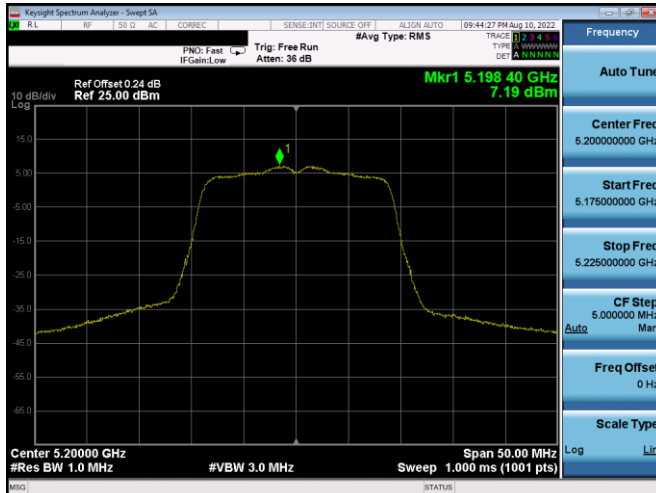
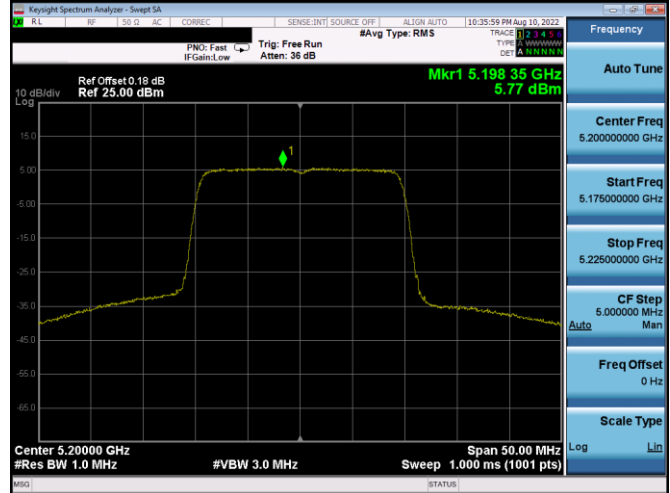
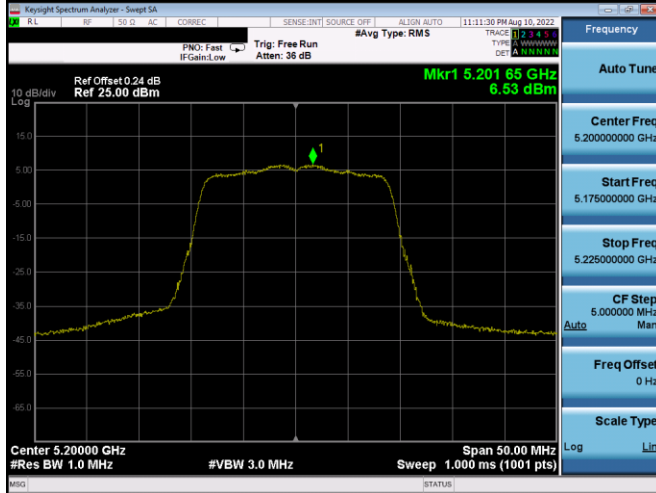
*TDWR channel is not supported for ISSED (denoted by a * next to the frequency)

FCC ID: BCGA2435 IC: 579C-A2435	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 151 of 389

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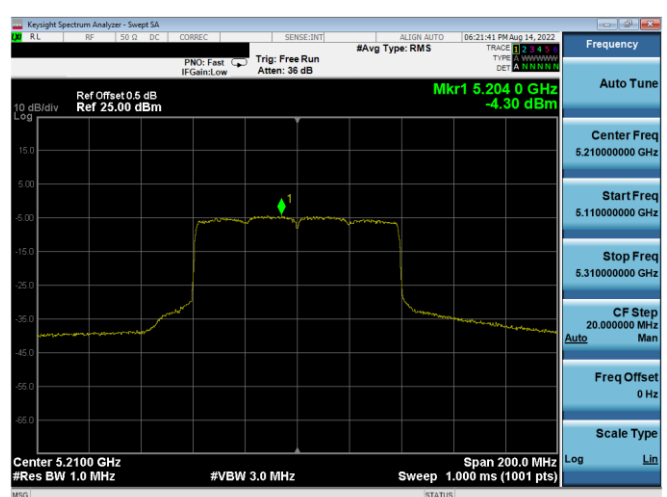
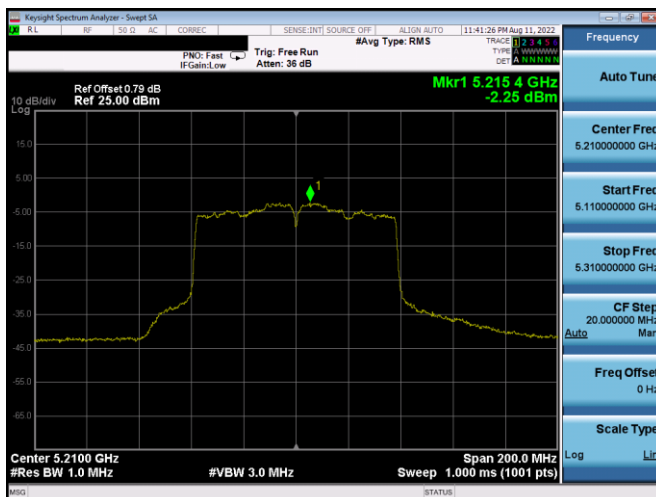
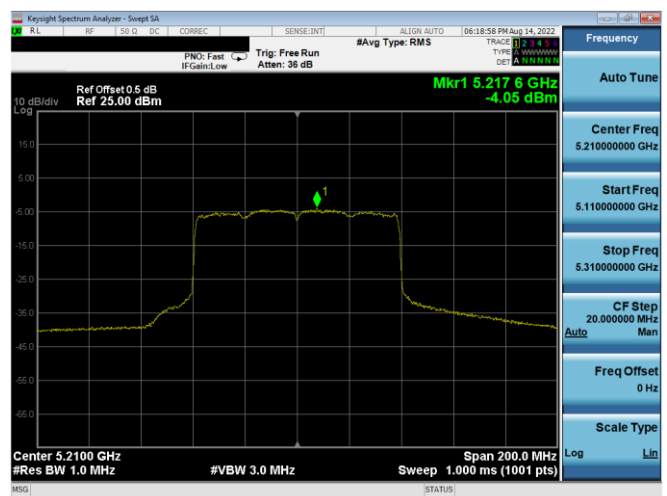
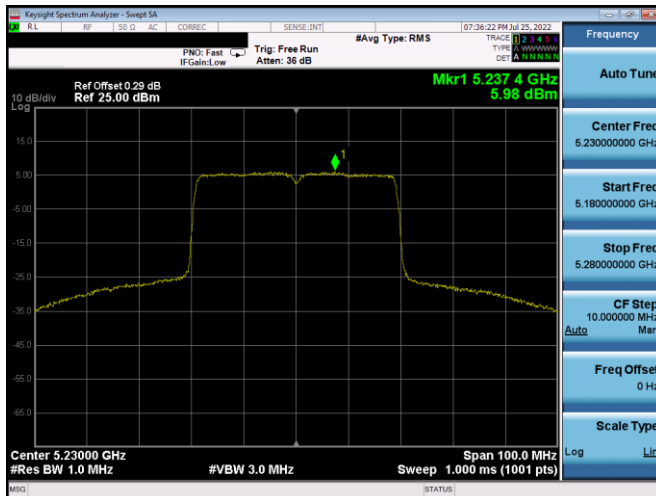
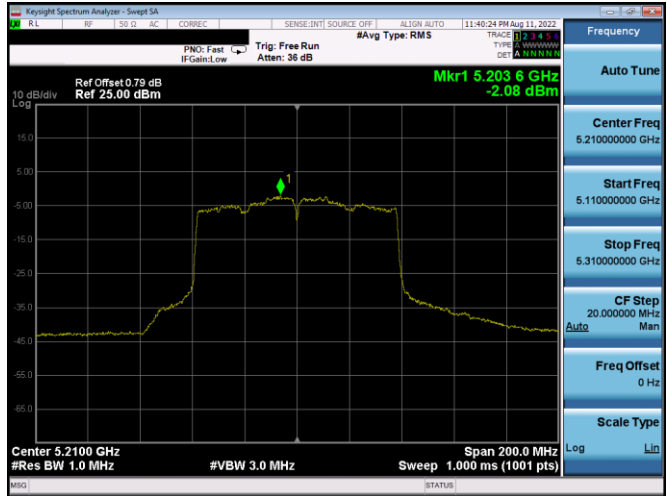
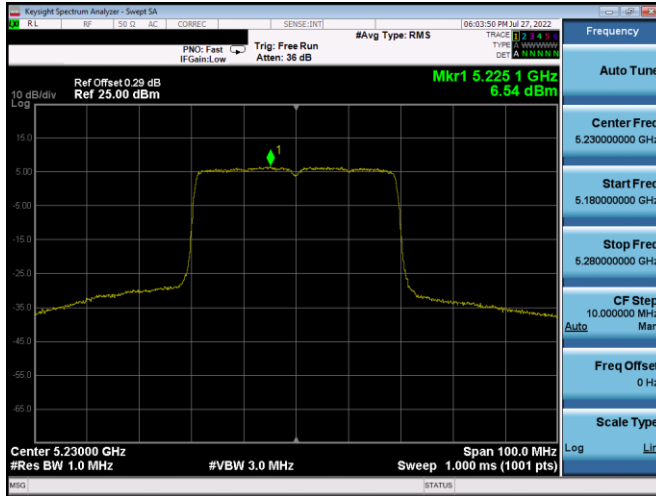
Low Data Rate



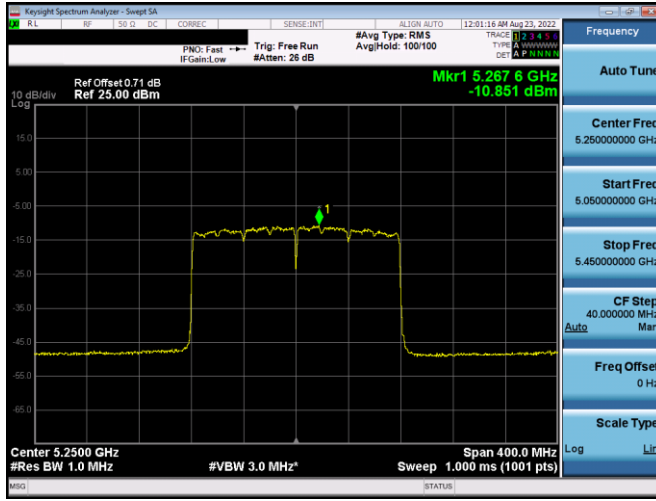
FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 152 of 389

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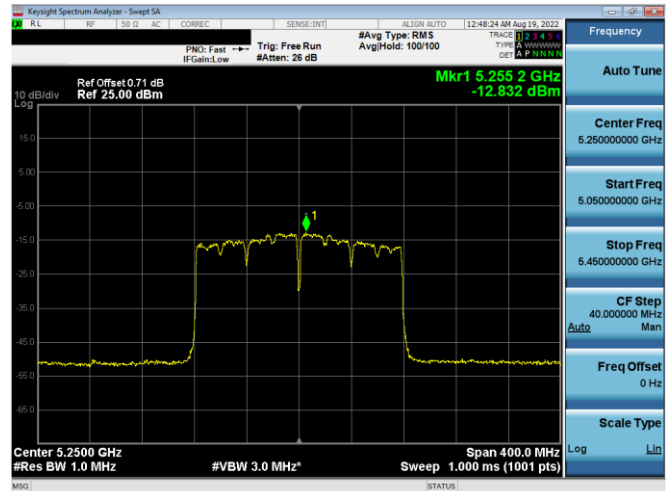
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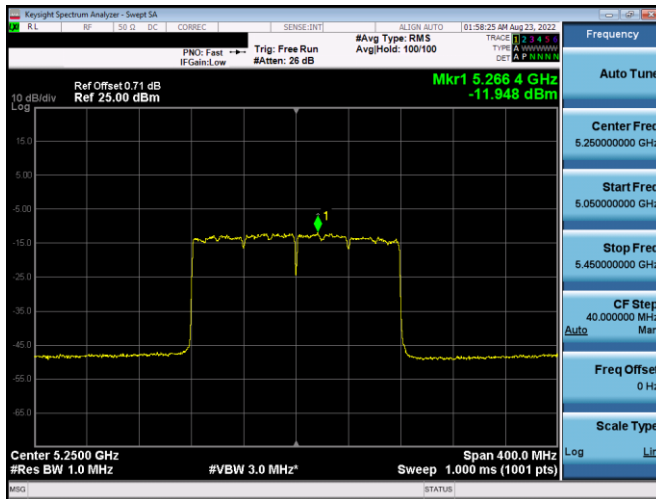
FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 153 of 389



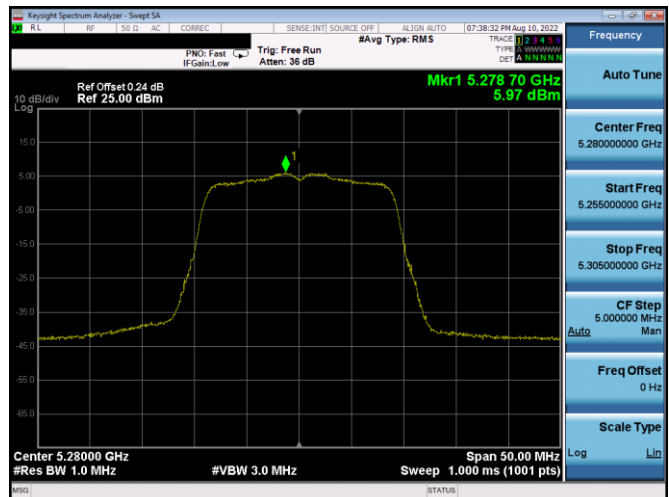
Plot 7-395. PSD CDD Antenna 5b (160MHz BW 802.11ax(SU) – Ch. 50, MCS2)



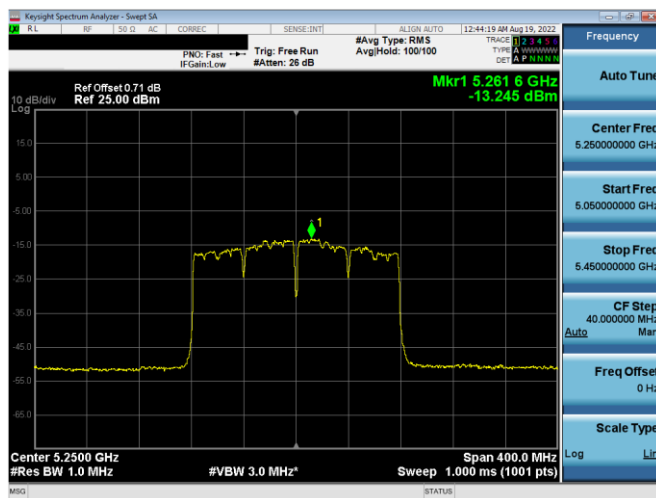
Plot 7-398. PSD CDD Antenna 4a (MHz BW 802.11ac – Ch. 50, MCS2)



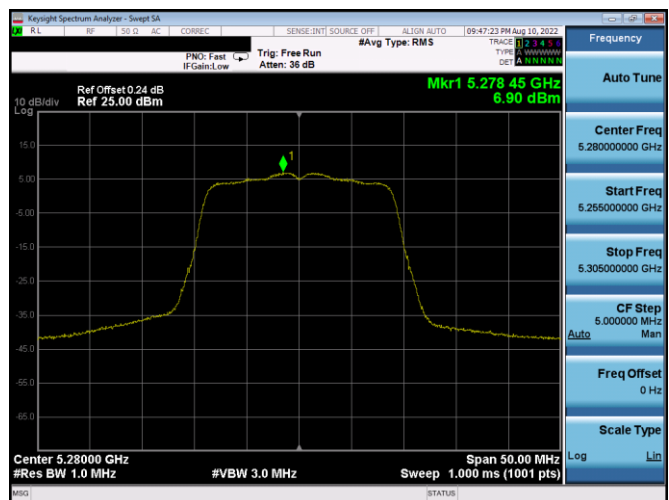
Plot 7-396. PSD CDD Antenna 4a (160MHz BW 802.11ax(SU) – Ch. 50, MCS2)



Plot 7-399. PSD SDM Antenna 5b (20MHz BW 802.11n – Ch. 56, MCS10)

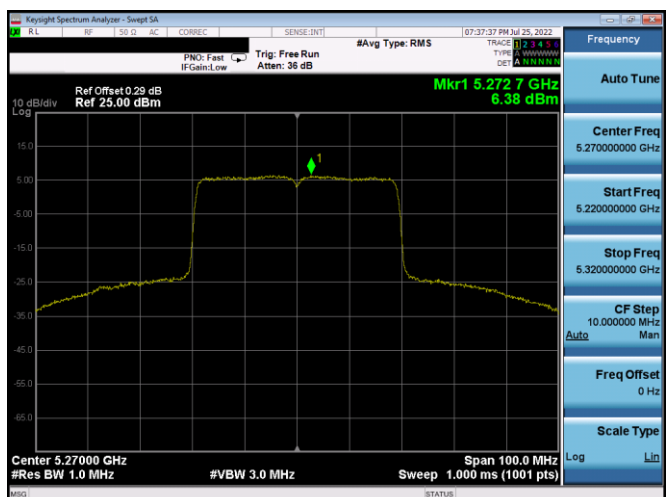
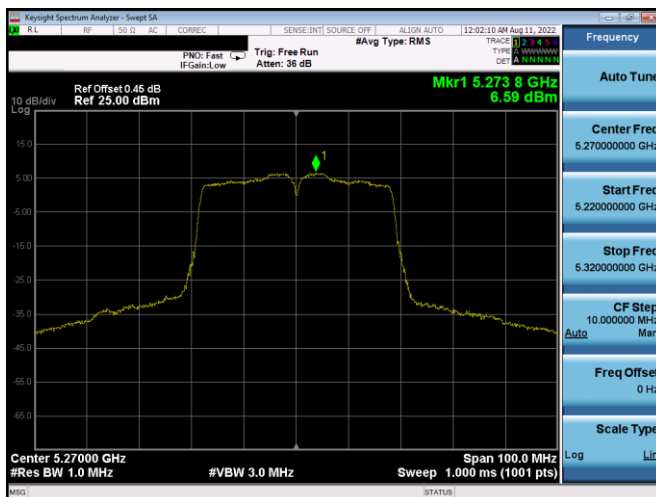
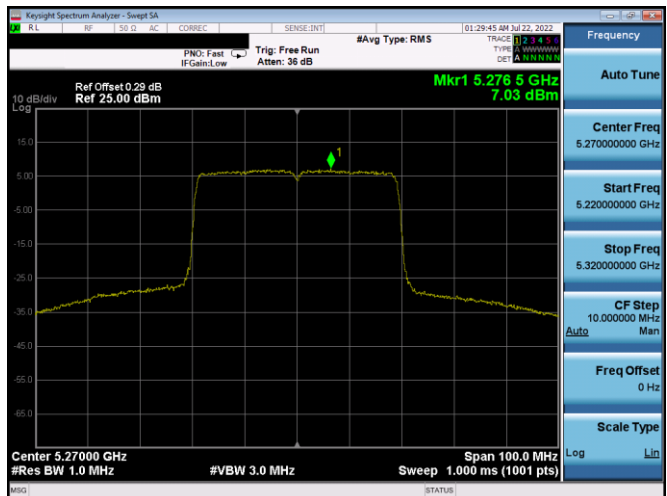
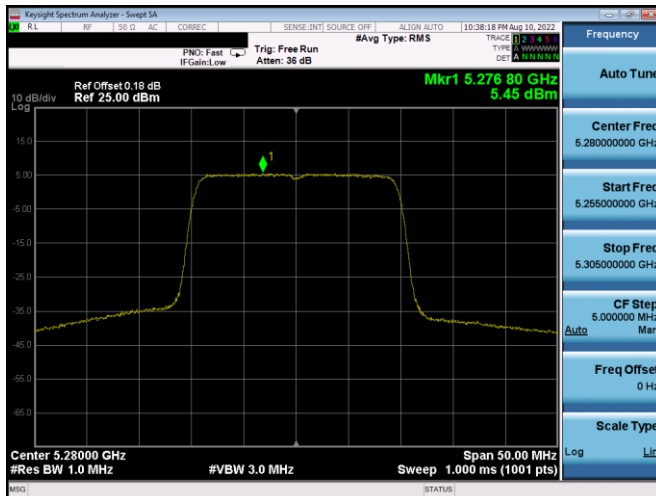
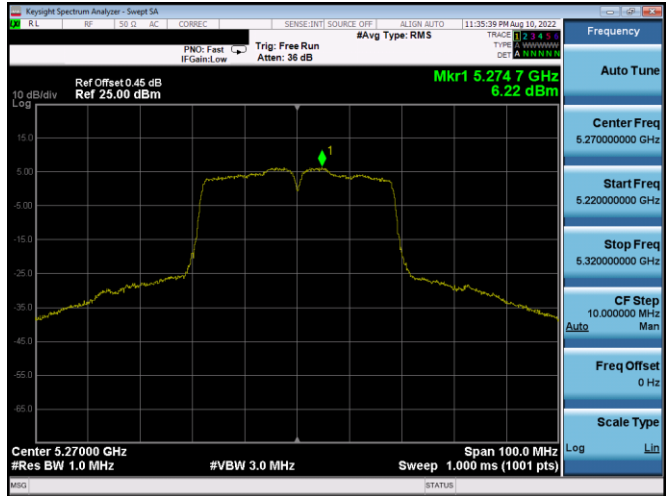
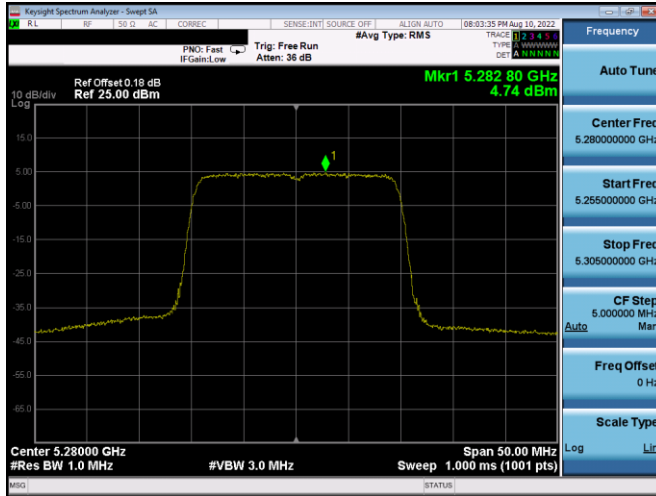


Plot 7-397. PSD CDD Antenna 5b (160MHz BW 802.11ac – Ch. 50, MCS2)

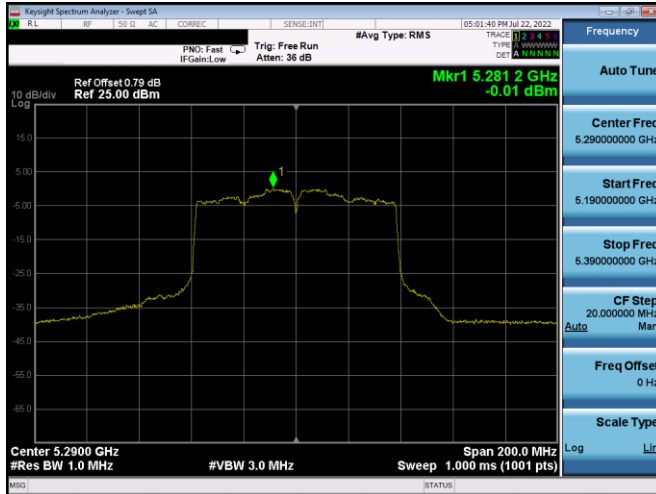


Plot 7-400. PSD SDM Antenna 4a (20MHz BW 802.11n – Ch. 56, MCS10)

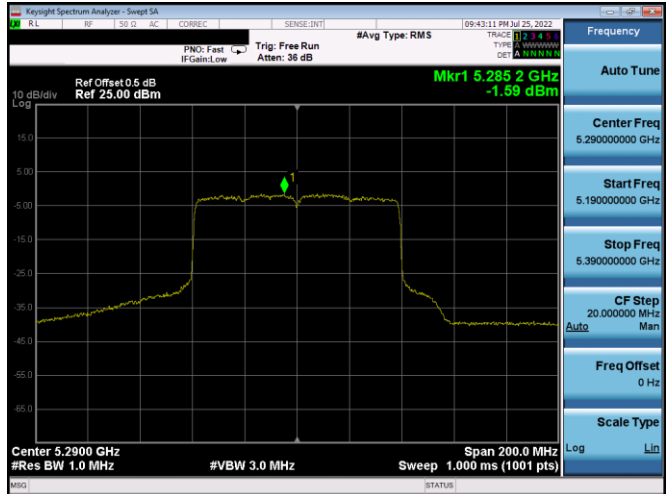
FCC ID: BCGA2435 IC: 579C-A2435	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 154 of 389



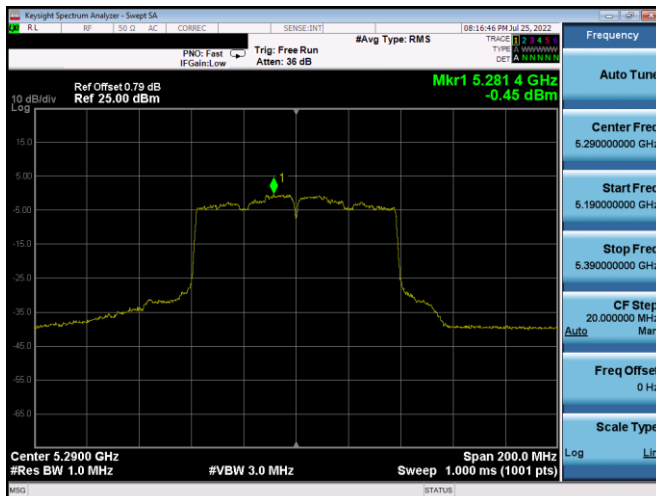
FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 155 of 389



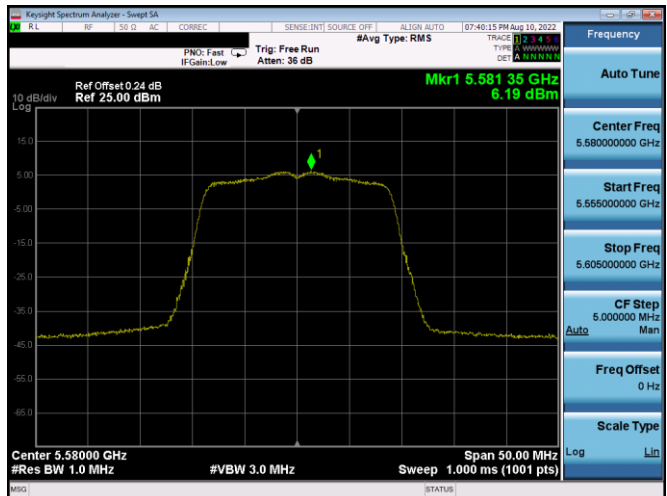
Plot 7-407. PSD CDD Antenna 5b (80MHz BW 802.11ac - Ch. 58, MCS2)



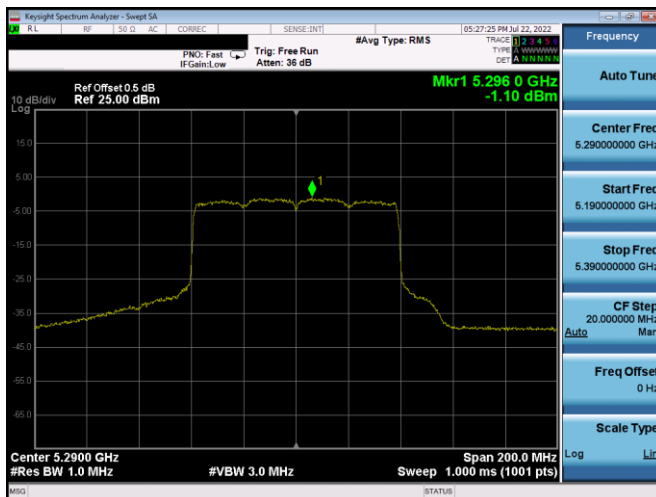
Plot 7-410. PSD CDD Antenna 4a (80MHz BW 802.11ax(SU) - Ch. 58, MCS2)



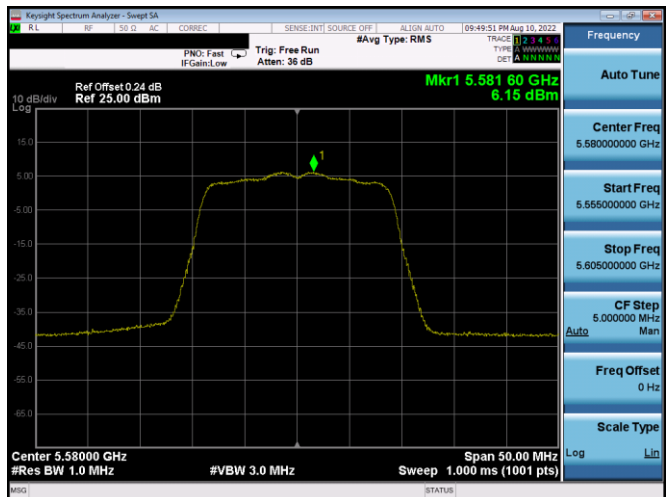
Plot 7-408. PSD CDD Antenna 4a (80MHz BW 802.11ac - Ch. 58, MCS2)



Plot 7-411. PSD CDD Antenna 5b (20MHz BW 802.11n - Ch. 116, MCS10)



Plot 7-409. PSD CDD Antenna 5b (80MHz BW 802.11ax(SU) - Ch. 58, MCS2)



Plot 7-412. PSD CDD Antenna 4a (20MHz BW 802.11n - Ch. 116, MCS10)

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 156 of 389