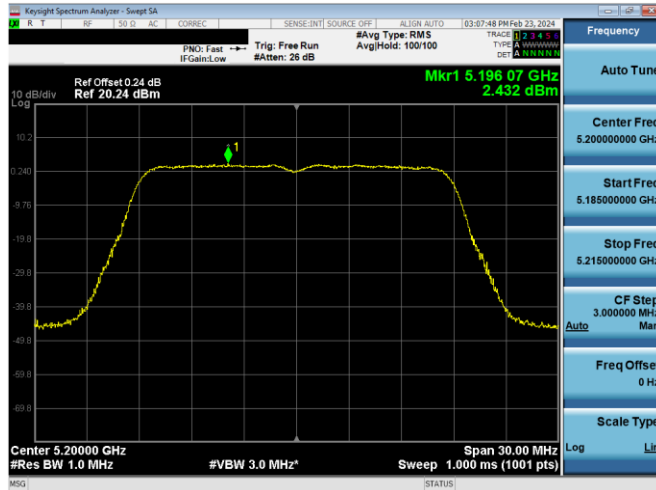
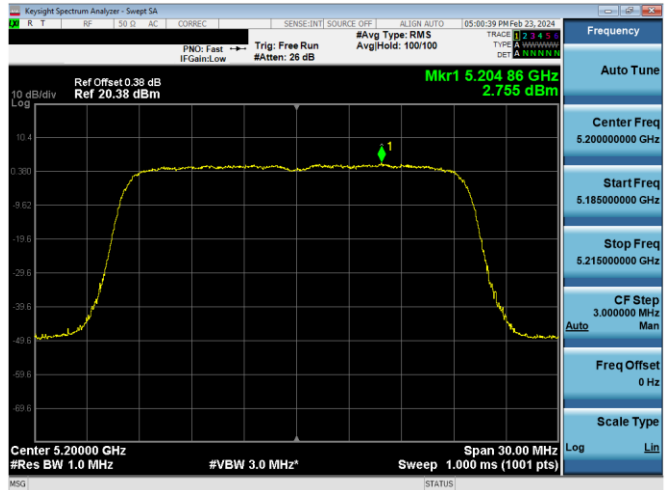
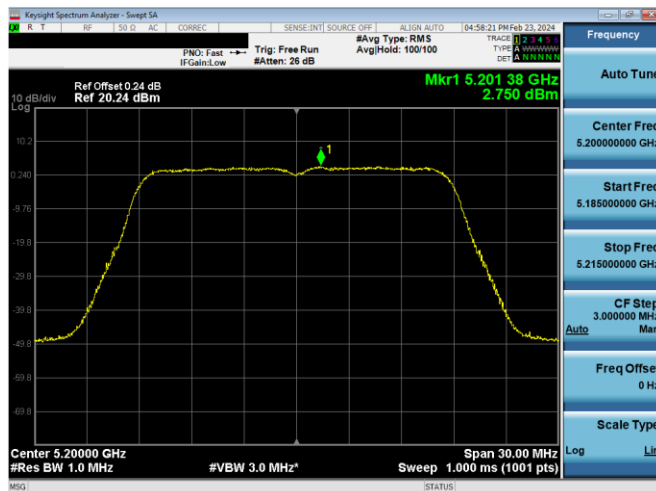




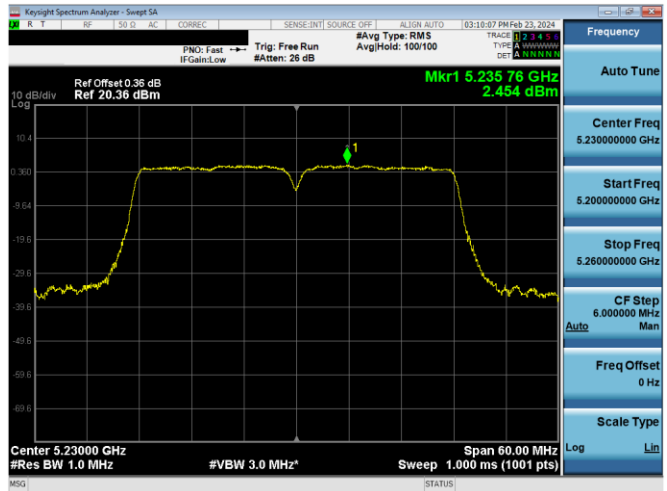
Plot 7-767. ISED PSD SDM Primary Antenna WF5b (20MHz BW 11n – Ch.40, MCS15)



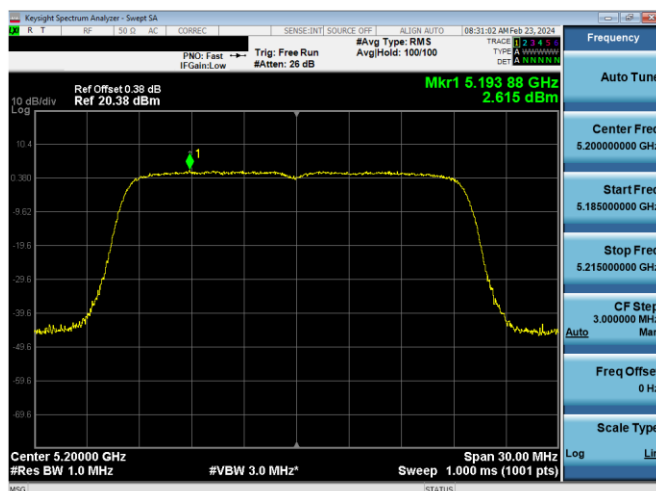
Plot 7-770. ISED PSD SDM Primary Antenna 4a (20MHz BW 11ax(SU) – Ch.40, MCS11)



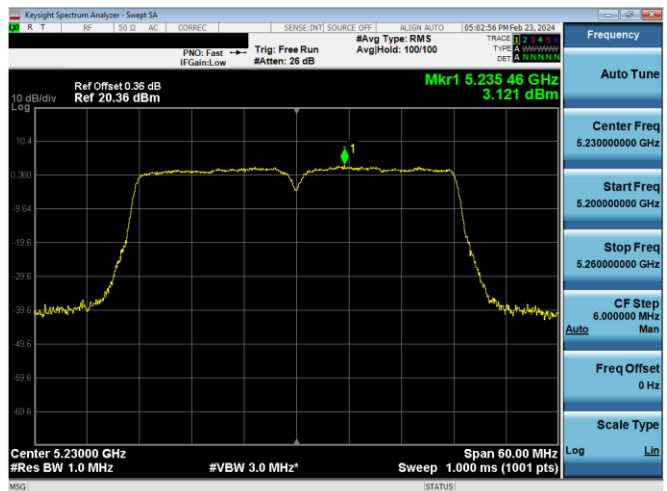
Plot 7-768. ISED PSD SDM Primary Antenna 4a (20MHz BW 11n – Ch.40, MCS15)



Plot 7-771. ISED PSD SDM Primary Antenna WF5b (40MHz BW 11n – Ch.46, MCS15)

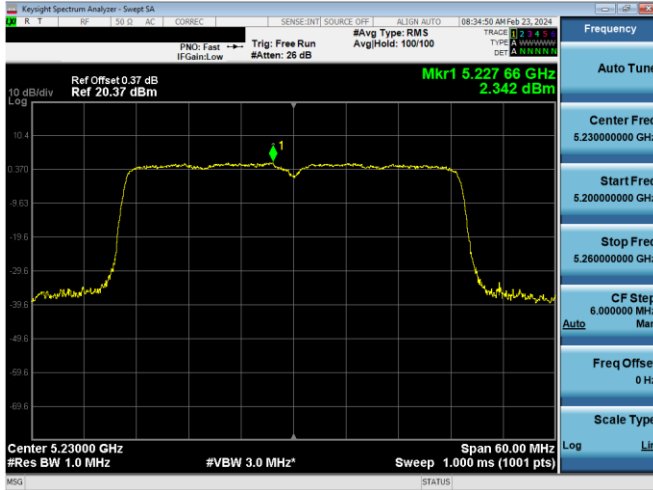


Plot 7-769. ISED PSD SDM Primary Antenna WF5b (20MHz BW 11ax(SU) – Ch.40, MCS11)

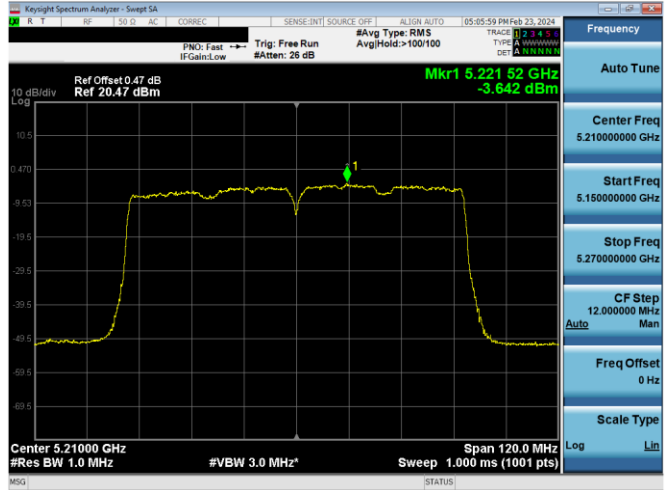


Plot 7-772. ISED PSD SDM Primary Antenna 4a (40MHz BW 11n – Ch.46, MCS15)

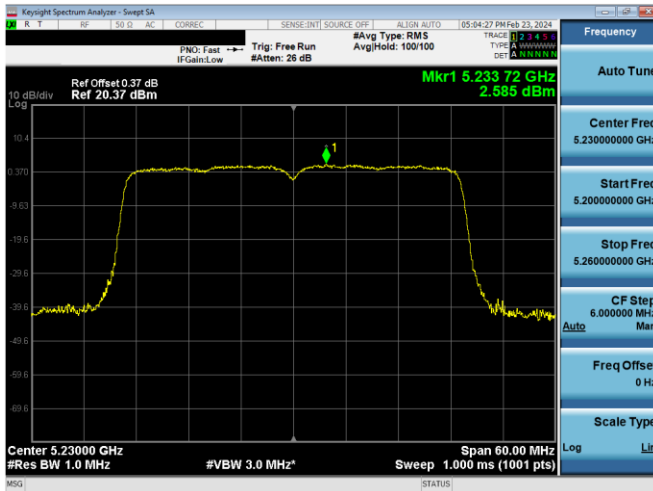
FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-22.BCG	Test Dates: 11/28/2023 - 1/15/2024	EUT Type: Tablet Device	Page 248 of 577



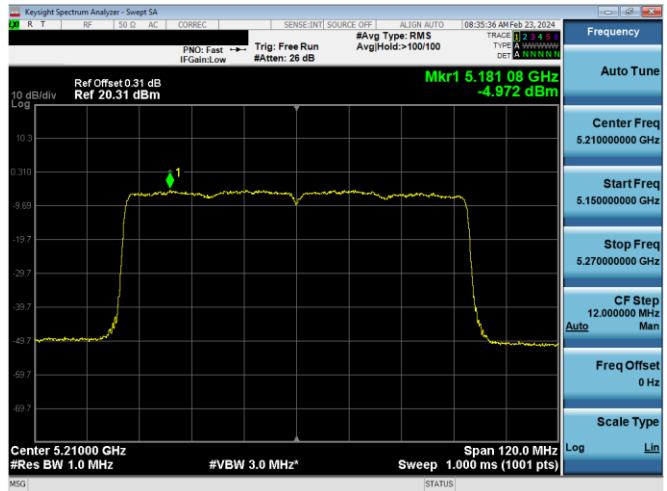
Plot 7-773. ISED PSD SDM Primary Antenna WF5b (40MHz BW 11ax(SU) – Ch.46, MCS11)



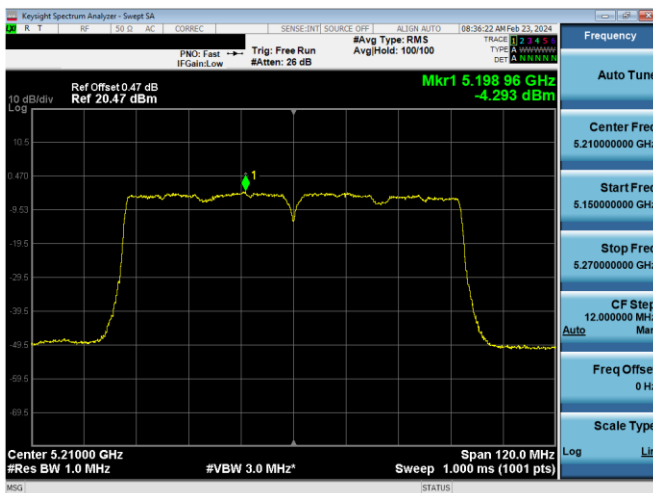
Plot 7-776. ISED PSD CDD Primary Antenna 4a (80MHz BW 11ac – Ch.42, MCS9)



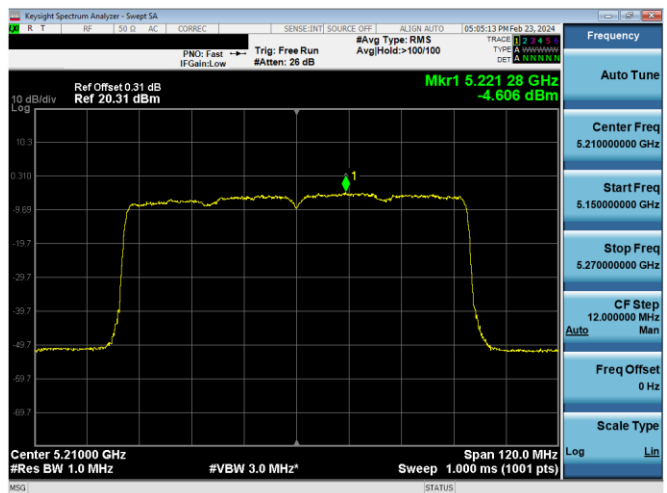
Plot 7-774. ISED PSD SDM Primary Antenna 4a (40MHz BW 11ax(SU) – Ch.46, MCS11)



Plot 7-777. ISED PSD CDD Primary Antenna WF5b (80MHz BW 11ax (SU) – Ch.42, MCS11)



Plot 7-775. ISED PSD CDD Primary Antenna WF5b (80MHz BW 11ac – Ch.42, MCS9)



Plot 7-778. ISED PSD CDD Primary Antenna 4a (80MHz BW 11ax (SU) – Ch.42, 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 249 of 577

7.5.5 Summed CDD Diversity Power Spectral Density Measurements

	Frequency [MHz]	Channel No.	802.11 MODE	Mode	Data Rate [Mbps]	Ant 4a Power Density [dBm/MHz]	Ant 2a 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	6.85	9.48	11.00	-1.52
	5200	40	n (20MHz)	CDD	39/43.3 (MCS10)	6.20	6.68	9.46	11.00	-1.54
	5240	48	n (20MHz)	CDD	39/43.3 (MCS10)	6.50	6.63	9.58	11.00	-1.42
	5180	36	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	4.69	3.97	7.35	11.00	-3.65
	5200	40	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	5.95	4.67	8.37	11.00	-2.63
	5240	48	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	4.63	4.47	7.56	11.00	-3.44
	5190	38	n (40MHz)	CDD	81/60 (MCS10)	0.72	1.46	4.12	11.00	-6.88
	5230	46	n (40MHz)	CDD	81/60 (MCS10)	4.94	5.51	8.25	11.00	-2.75
	5190	38	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	-0.66	-1.05	2.16	11.00	-8.84
	5230	46	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	4.43	3.91	7.19	11.00	-3.81
	5210	42	ac (80MHz)	CDD	175.5/195 (MCS2)	-1.95	-2.39	0.85	11.00	-10.15
	5210	42	ax (SU) (80MHz)	CDD	204/216.2 (MCS2)	-3.38	-3.62	-0.49	11.00	-11.49
Band 1/2	5250	50	ac (160MHz)	CDD	175.5/195 (MCS2)	-6.77	-7.15	-3.94	11.00	-14.94
	5250	50	ax (SU) (160MHz)	CDD	204/216.2 (MCS2)	-8.38	-6.31	-4.21	11.00	-15.21
Band 2A	5260	52	n (20MHz)	CDD	39/43.3 (MCS10)	6.18	6.91	9.57	11.00	-1.43
	5300	60	n (20MHz)	CDD	39/43.3 (MCS10)	6.15	6.53	9.35	11.00	-1.65
	5320	64	n (20MHz)	CDD	39/43.3 (MCS10)	6.05	6.28	9.18	11.00	-1.82
	5260	52	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	4.53	4.70	7.63	11.00	-3.37
	5300	60	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	4.32	4.16	7.25	11.00	-3.75
	5320	64	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	4.83	4.43	7.65	11.00	-3.35
	5270	54	n (40MHz)	CDD	81/60 (MCS10)	5.12	5.42	8.28	11.00	-2.72
	5310	62	n (40MHz)	CDD	81/60 (MCS10)	2.62	2.87	5.76	11.00	-5.24
	5270	54	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	4.06	4.08	7.08	11.00	-3.92
	5310	62	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	0.60	0.53	3.57	11.00	-7.43
	5290	58	ac (80MHz)	CDD	175.5/195 (MCS2)	-1.14	-0.99	1.95	11.00	-9.05
	5290	58	ax (SU) (80MHz)	CDD	204/216.2 (MCS2)	-3.63	-3.48	-0.54	11.00	-11.54
Band 2C	5500	100	n (20MHz)	CDD	39/43.3 (MCS10)	6.50	6.22	9.37	11.00	-1.63
	5580	116	n (20MHz)	CDD	39/43.3 (MCS10)	6.65	6.06	9.37	11.00	-1.63
	*5600	120	n (20MHz)	CDD	39/43.3 (MCS10)	6.59	6.55	9.58	11.00	-1.42
	5700	140	n (20MHz)	CDD	39/43.3 (MCS10)	6.10	6.16	9.14	11.00	-1.86
	5720	144	n (20MHz)	CDD	39/43.3 (MCS10)	6.56	6.05	9.32	11.00	-1.68
	5500	100	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	4.38	4.58	7.49	11.00	-3.51
	5580	116	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	5.67	4.32	8.06	11.00	-2.94
	*5600	120	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	5.75	5.19	8.49	11.00	-2.51
	5700	140	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	5.06	3.70	7.44	11.00	-3.56
	5720	144	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	5.53	4.82	8.20	11.00	-2.80
	5510	102	n (40MHz)	CDD	81/60 (MCS10)	3.34	2.30	5.86	11.00	-5.14
	5550	110	n (40MHz)	CDD	81/60 (MCS10)	5.22	4.85	8.05	11.00	-2.95
	*5590	118	n (40MHz)	CDD	81/60 (MCS10)	4.78	5.02	7.91	11.00	-3.09
	5670	134	n (40MHz)	CDD	81/60 (MCS10)	4.68	4.58	7.64	11.00	-3.36
	5710	142	n (40MHz)	CDD	81/60 (MCS10)	4.81	4.91	7.87	11.00	-3.13
	5510	102	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	-0.17	-0.18	2.83	11.00	-8.17
	5550	110	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	2.72	2.89	5.81	11.00	-5.19
	*5590	118	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	2.69	2.86	5.79	11.00	-5.21
	5670	134	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	2.89	2.76	5.84	11.00	-5.16
	5710	142	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	3.51	4.13	6.84	11.00	-4.16
	5530	106	ac (80MHz)	CDD	175.5/195 (MCS2)	-1.63	-1.55	1.42	11.00	-9.58
	*5610	122	ac (80MHz)	CDD	175.5/195 (MCS2)	1.01	0.90	3.97	11.00	-7.03
	5690	138	ac (80MHz)	CDD	175.5/195 (MCS2)	0.87	0.78	3.83	11.00	-7.17
	5530	106	ax (SU) (80MHz)	CDD	204/216.2 (MCS2)	-3.58	-3.59	-0.57	11.00	-11.57
	*5610	122	ax (SU) (80MHz)	CDD	204/216.2 (MCS2)	-0.12	-0.10	2.90	11.00	-8.10
	5690	138	ax (SU) (80MHz)	CDD	204/216.2 (MCS2)	-0.21	-0.32	2.75	11.00	-8.25
	*5570	114	ac (160MHz)	CDD	175.5/195 (MCS2)	-7.83	-7.84	-4.82	11.00	-15.82
	*5570	114	ax (SU) (160MHz)	CDD	204/216.2 (MCS2)	-9.47	-9.17	-6.30	11.00	-17.30

Table 7-236. Bands 1, 2A, 2C CDD Diversity Power Spectral Density Measurements (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 250 of 577

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	Frequency [MHz]	Channel No.	802.11 MODE	Mode	Data Rate [Mbps]	Ant 4a Power Density [dBm/MHz]	Ant 2a Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	CDD	78/86.7 (MCS12)	5.30	5.94	8.64	11.00	-2.36
	5200	40	n (20MHz)	CDD	78/86.7 (MCS12)	7.20	6.69	9.96	11.00	-1.04
	5240	48	n (20MHz)	CDD	78/86.7 (MCS12)	6.40	6.91	9.67	11.00	-1.33
	5180	36	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	4.04	3.57	6.82	11.00	-4.18
	5200	40	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	4.95	4.70	7.84	11.00	-3.16
	5240	48	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	4.47	4.58	7.54	11.00	-3.46
	5190	38	n (40MHz)	CDD	162/180 (MCS12)	0.68	1.29	4.00	11.00	-7.00
	5230	46	n (40MHz)	CDD	162/180 (MCS12)	5.34	5.60	8.48	11.00	-2.52
	5190	38	ax (SU) (40MHz)	CDD	196/206.5 (MCS4)	-0.47	-0.60	2.48	11.00	-8.52
	5230	46	ax (SU) (40MHz)	CDD	196/206.5 (MCS4)	4.21	3.93	7.09	11.00	-3.91
Band 1/2	5210	42	ac (80MHz)	CDD	351/390 (MCS4)	-2.24	-2.97	0.42	11.00	-10.58
	5210	42	ax (SU) (80MHz)	CDD	408/432.4 (MCS4)	-3.92	-4.76	-1.31	11.00	-12.31
Band 2A	5250	50	ac (160MHz)	CDD	351/390 (MCS4)	-7.76	-7.99	-4.86	11.00	-15.86
	5250	50	ax (SU) (160MHz)	CDD	408/432.4 (MCS4)	-7.60	-6.93	-4.24	11.00	-15.24
	5260	52	n (20MHz)	CDD	78/86.7 (MCS12)	6.10	6.71	9.42	11.00	-1.58
	5300	60	n (20MHz)	CDD	78/86.7 (MCS12)	6.21	6.44	9.34	11.00	-1.66
	5320	64	n (20MHz)	CDD	78/86.7 (MCS12)	5.96	6.23	9.11	11.00	-1.89
	5260	52	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	4.34	4.64	7.50	11.00	-3.50
	5300	60	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	4.53	4.07	7.31	11.00	-3.69
	5320	64	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	3.94	3.73	6.85	11.00	-4.15
	5270	54	n (40MHz)	CDD	162/180 (MCS12)	5.13	5.58	8.37	11.00	-2.63
	5310	62	n (40MHz)	CDD	162/180 (MCS12)	1.60	2.34	5.00	11.00	-6.00
	5270	54	ax (SU) (40MHz)	CDD	196/206.5 (MCS4)	4.14	3.98	7.07	11.00	-3.93
	5310	62	ax (SU) (40MHz)	CDD	196/206.5 (MCS4)	0.42	0.02	3.24	11.00	-7.76
	5290	58	ac (80MHz)	CDD	351/390 (MCS4)	-2.15	-2.23	0.82	11.00	-10.18
	5290	58	ax (SU) (80MHz)	CDD	408/432.4 (MCS4)	-3.44	-3.18	-0.29	11.00	-11.29
Band 2C	5500	100	n (20MHz)	CDD	78/86.7 (MCS12)	5.85	5.83	8.85	11.00	-2.15
	5580	116	n (20MHz)	CDD	78/86.7 (MCS12)	6.50	6.38	9.45	11.00	-1.55
	*5600	120	n (20MHz)	CDD	78/86.7 (MCS12)	6.56	6.35	9.47	11.00	-1.53
	5700	140	n (20MHz)	CDD	78/86.7 (MCS12)	5.24	5.10	8.18	11.00	-2.82
	5720	144	n (20MHz)	CDD	78/86.7 (MCS12)	6.15	6.12	9.15	11.00	-1.85
	5500	100	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	3.29	3.25	6.28	11.00	-4.72
	5580	116	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	3.81	4.14	6.98	11.00	-4.02
	*5600	120	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	3.70	4.51	7.13	11.00	-3.87
	5700	140	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	3.82	2.43	6.19	11.00	-4.81
	5720	144	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	5.59	5.03	8.33	11.00	-2.67
	5510	102	n (40MHz)	CDD	162/180 (MCS12)	1.02	0.66	3.85	11.00	-7.15
	5550	110	n (40MHz)	CDD	162/180 (MCS12)	5.13	4.60	7.88	11.00	-3.12
	*5590	118	n (40MHz)	CDD	162/180 (MCS12)	5.20	5.28	8.25	11.00	-2.75
	5670	134	n (40MHz)	CDD	162/180 (MCS12)	3.96	3.96	6.97	11.00	-4.03
	5710	142	n (40MHz)	CDD	162/180 (MCS12)	5.04	5.23	8.15	11.00	-2.85
	5510	102	ax (SU) (40MHz)	CDD	196/206.5 (MCS4)	-0.71	-0.70	2.31	11.00	-8.69
	5550	110	ax (SU) (40MHz)	CDD	196/206.5 (MCS4)	2.34	2.29	5.32	11.00	-5.68
	*5590	118	ax (SU) (40MHz)	CDD	196/206.5 (MCS4)	3.13	3.20	6.17	11.00	-4.83
	5670	134	ax (SU) (40MHz)	CDD	196/206.5 (MCS4)	1.17	1.99	4.61	11.00	-6.39
	5710	142	ax (SU) (40MHz)	CDD	196/206.5 (MCS4)	2.62	3.38	6.03	11.00	-4.97
	5530	106	ac (80MHz)	CDD	351/390 (MCS4)	-2.74	-2.74	0.27	11.00	-10.73
	*5610	122	ac (80MHz)	CDD	351/390 (MCS4)	0.33	0.63	3.49	11.00	-7.51
	5690	138	ac (80MHz)	CDD	351/390 (MCS4)	0.78	1.07	3.94	11.00	-7.06
	5530	106	ax (SU) (80MHz)	CDD	408/432.4 (MCS4)	-4.57	-4.22	-1.38	11.00	-12.38
	*5610	122	ax (SU) (80MHz)	CDD	408/432.4 (MCS4)	-0.85	-0.81	2.18	11.00	-8.82
	5690	138	ax (SU) (80MHz)	CDD	408/432.4 (MCS4)	-0.16	0.09	2.98	11.00	-8.02
	*5570	114	ac (160MHz)	CDD	351/390 (MCS4)	-8.34	-8.29	-5.31	11.00	-16.31
	*5570	114	ax (SU) (160MHz)	CDD	408/432.4 (MCS4)	-9.64	-9.30	-6.46	11.00	-17.46

Table 7-237. Bands 1, 2A, 2C CDD Diversity Power Spectral Density Measurements (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 251 of 577

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	Frequency [MHz]	Channel No.	802.11 MODE	Mode	Data Rate [Mbps]	Ant 4a Power Density [dBm/MHz]	Ant 2a Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	CDD	130/144.4 (MCS15)	4.37	4.13	7.26	11.00	-3.74
	5200	40	n (20MHz)	CDD	130/144.4 (MCS15)	5.97	5.48	8.74	11.00	-2.26
	5240	48	n (20MHz)	CDD	130/144.4 (MCS15)	5.14	5.31	8.24	11.00	-2.76
	5180	36	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	3.54	3.84	6.70	11.00	-4.30
	5200	40	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	4.68	4.48	7.59	11.00	-3.41
	5240	48	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	4.45	4.63	7.55	11.00	-3.45
	5190	38	n (40MHz)	CDD	270/300 (MCS15)	0.13	-0.99	2.62	11.00	-8.38
	5230	46	n (40MHz)	CDD	270/300 (MCS15)	3.64	4.00	6.84	11.00	-4.16
	5190	38	ax (SU) (40MHz)	CDD	271/286.8 (MCS11)	-1.51	-1.68	1.41	11.00	-9.59
	5230	46	ax (SU) (40MHz)	CDD	271/286.8 (MCS11)	4.35	4.23	7.30	11.00	-3.70
Band 1/2	5210	42	ac (80MHz)	CDD	780/866.7 (MCS9)	-3.90	-4.02	-0.95	11.00	-11.95
	5210	42	ax (SU) (80MHz)	CDD	1134/1201 (MCS11)	-4.62	-4.96	-1.77	11.00	-12.77
Band 2A	5250	50	ac (160MHz)	CDD	780/866.7 (MCS9)	-9.59	-7.83	-5.61	11.00	-16.61
	5250	50	ax (SU) (160MHz)	CDD	1134/1201 (MCS11)	-9.74	-8.11	-5.84	11.00	-16.84
	5260	52	n (20MHz)	CDD	130/144.4 (MCS15)	4.93	5.48	8.22	11.00	-2.78
	5300	60	n (20MHz)	CDD	130/144.4 (MCS15)	4.66	5.13	7.91	11.00	-3.09
	5320	64	n (20MHz)	CDD	130/144.4 (MCS15)	4.27	4.55	7.42	11.00	-3.58
	5260	52	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	4.68	4.77	7.74	11.00	-3.26
	5300	60	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	4.66	4.65	7.67	11.00	-3.33
	5320	64	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	3.29	2.98	6.15	11.00	-4.85
	5270	54	n (40MHz)	CDD	270/300 (MCS15)	3.67	4.00	6.85	11.00	-4.15
	5310	62	n (40MHz)	CDD	270/300 (MCS15)	-1.23	-0.57	2.12	11.00	-8.88
	5270	54	ax (SU) (40MHz)	CDD	271/286.8 (MCS11)	4.05	3.93	7.00	11.00	-4.00
	5310	62	ax (SU) (40MHz)	CDD	271/286.8 (MCS11)	-1.96	-2.01	1.02	11.00	-9.98
	5290	58	ac (80MHz)	CDD	780/866.7 (MCS9)	-3.03	-3.59	-0.29	11.00	-11.29
	5290	58	ax (SU) (80MHz)	CDD	1134/1201 (MCS11)	-3.67	-3.66	-0.66	11.00	-11.66
	5500	100	n (20MHz)	CDD	130/144.4 (MCS15)	2.24	2.32	5.29	11.00	-5.71
	5580	116	n (20MHz)	CDD	130/144.4 (MCS15)	4.99	5.03	8.02	11.00	-2.98
	*5600	120	n (20MHz)	CDD	130/144.4 (MCS15)	5.57	4.94	8.28	11.00	-2.72
	5700	140	n (20MHz)	CDD	130/144.4 (MCS15)	1.89	1.61	4.76	11.00	-6.24
Band 2C	5720	144	n (20MHz)	CDD	130/144.4 (MCS15)	5.05	4.86	7.97	11.00	-3.03
	5500	100	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	1.97	2.15	5.07	11.00	-5.93
	5580	116	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	5.92	5.08	8.53	11.00	-2.47
	*5600	120	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	5.75	5.12	8.45	11.00	-2.55
	5700	140	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	3.06	1.55	5.38	11.00	-5.62
	5720	144	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	5.74	5.28	8.53	11.00	-2.47
	5510	102	n (40MHz)	CDD	270/300 (MCS15)	-2.09	-1.51	1.22	11.00	-9.78
	5550	110	n (40MHz)	CDD	270/300 (MCS15)	2.48	2.33	5.42	11.00	-5.58
	*5590	118	n (40MHz)	CDD	270/300 (MCS15)	3.78	3.76	6.78	11.00	-4.22
	5670	134	n (40MHz)	CDD	270/300 (MCS15)	0.38	0.01	3.21	11.00	-7.79
	5710	142	n (40MHz)	CDD	270/300 (MCS15)	3.53	3.49	6.52	11.00	-4.48
	5510	102	ax (SU) (40MHz)	CDD	271/286.8 (MCS11)	-1.95	-1.34	1.38	11.00	-9.62
	5550	110	ax (SU) (40MHz)	CDD	271/286.8 (MCS11)	2.61	1.88	5.27	11.00	-5.73
	*5590	118	ax (SU) (40MHz)	CDD	271/286.8 (MCS11)	3.25	3.61	6.44	11.00	-4.56
	5670	134	ax (SU) (40MHz)	CDD	271/286.8 (MCS11)	0.28	0.48	3.39	11.00	-7.61
	5710	142	ax (SU) (40MHz)	CDD	271/286.8 (MCS11)	2.81	3.15	5.99	11.00	-5.01
	5530	106	ac (80MHz)	CDD	780/866.7 (MCS9)	-5.15	-6.00	-2.54	11.00	-13.54
	*5610	122	ac (80MHz)	CDD	780/866.7 (MCS9)	-1.96	-0.75	1.69	11.00	-9.31
	5690	138	ac (80MHz)	CDD	780/866.7 (MCS9)	-0.32	-0.38	2.66	11.00	-8.34
	5530	106	ax (SU) (80MHz)	CDD	1134/1201 (MCS11)	-5.27	-6.04	-2.63	11.00	-13.63
	*5610	122	ax (SU) (80MHz)	CDD	1134/1201 (MCS11)	-1.91	-2.13	0.99	11.00	-10.01
	5690	138	ax (SU) (80MHz)	CDD	1134/1201 (MCS11)	-0.30	-0.46	2.63	11.00	-8.37
	*5570	114	ac (160MHz)	CDD	780/866.7 (MCS9)	-10.33	-9.98	-7.14	11.00	-18.14
	*5570	114	ax (SU) (160MHz)	CDD	1134/1201 (MCS11)	-10.24	-10.80	-7.50	11.00	-18.50

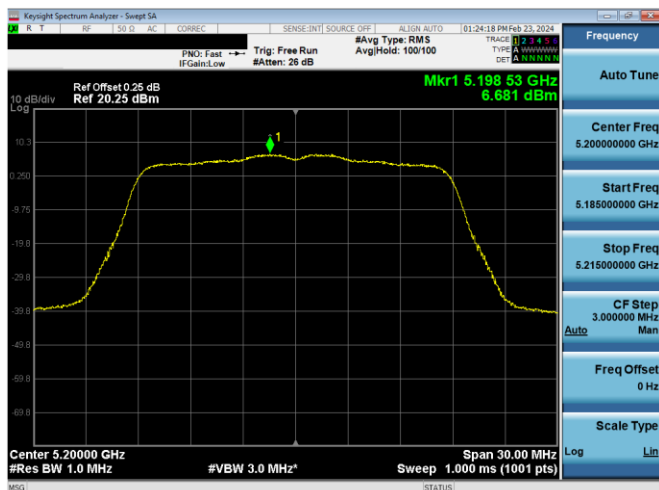
Table 7-238. Bands 1, 2A, 2C CDD Diversity Power Spectral Density Measurements (High Data Rate)

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

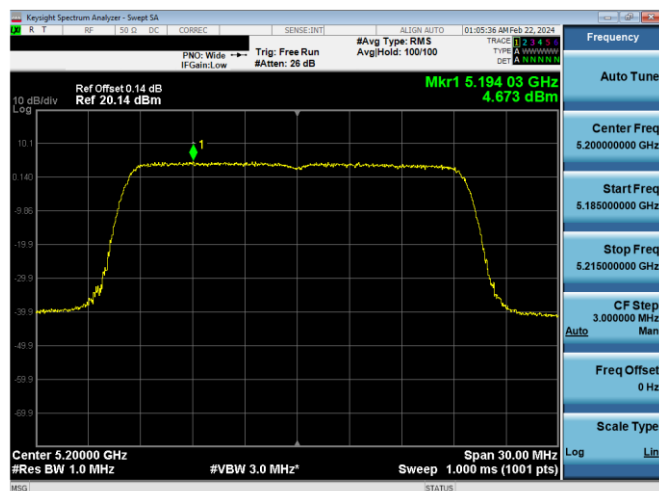
FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-22.BCG	Test Dates: 11/28/2023 - 1/15/2024	EUT Type: Tablet Device	Page 252 of 577

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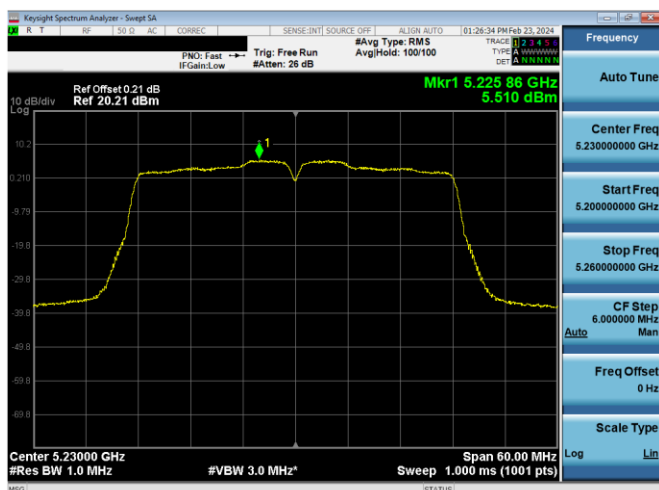
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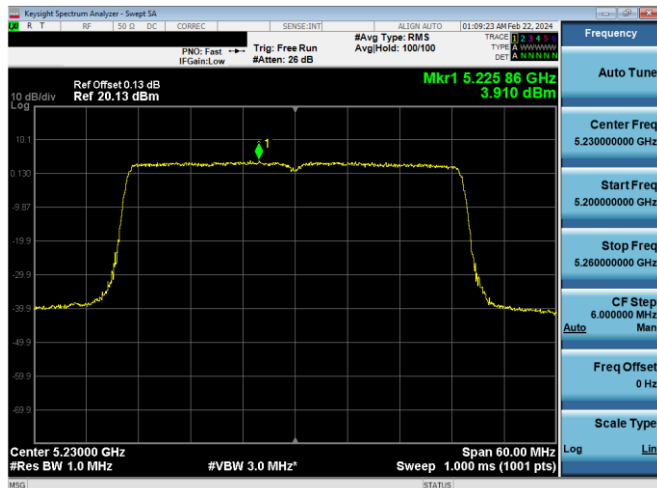
Plot 7-779. PSD CDD Diversity Antenna 2a (20MHz BW 802.11n – Ch. 40, MCS10)



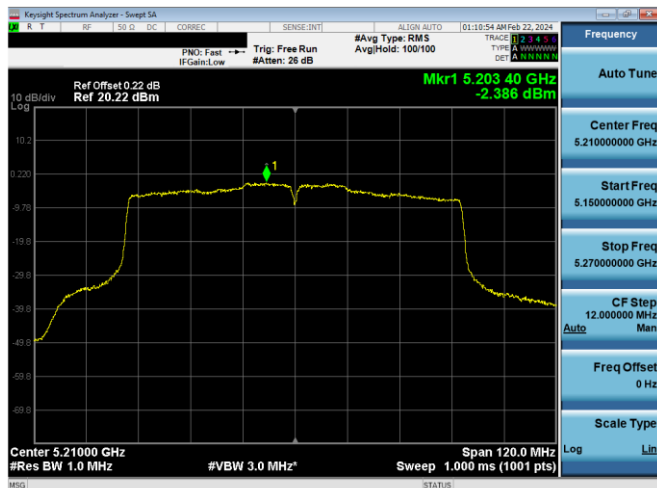
Plot 7-780. PSD CDD Diversity Antenna 2a (20MHz BW 802.11ax(SU) – Ch. 40, MCS2)



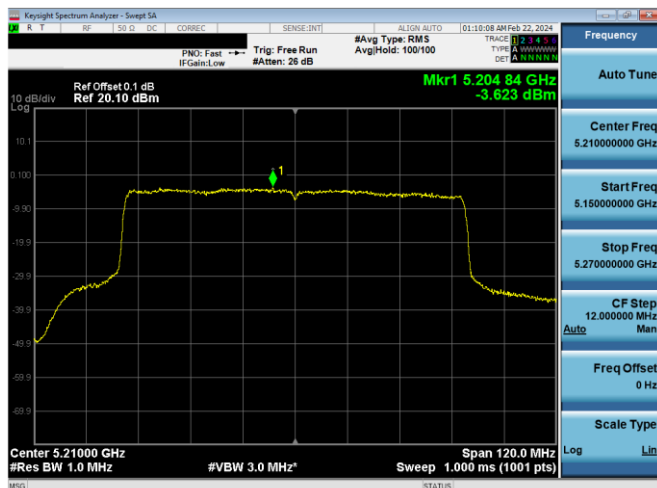
Plot 7-781. PSD CDD Diversity Antenna 2a (40MHz BW 802.11n – Ch. 46, MCS10)



Plot 7-782. PSD CDD Diversity Antenna 2a (40MHz BW 802.11ax(SU) – Ch. 46, MCS2)

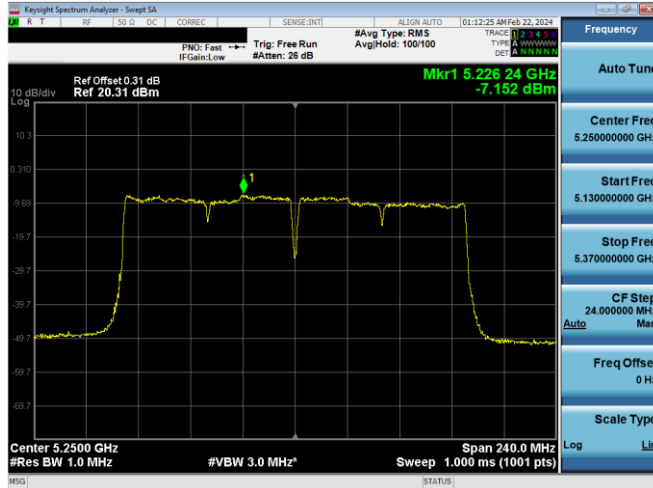


Plot 7-783. PSD CDD Diversity Antenna 2a (80MHz BW 802.11ac – Ch. 42, MCS2)

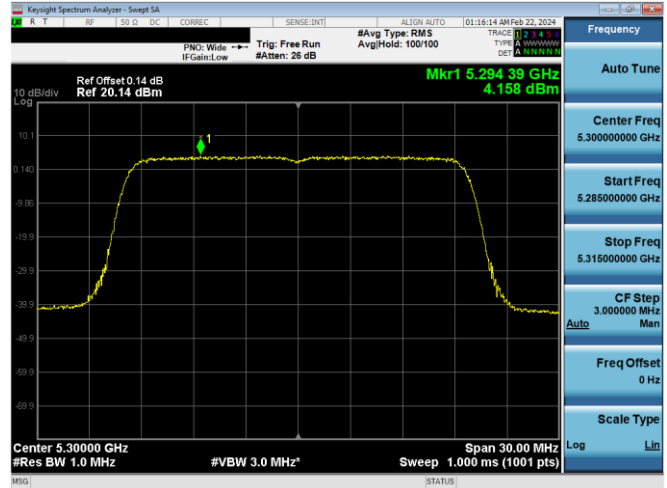


Plot 7-784. PSD CDD Diversity Antenna 2a (80MHz BW 802.11ax(SU) – Ch. 42, MCS2)

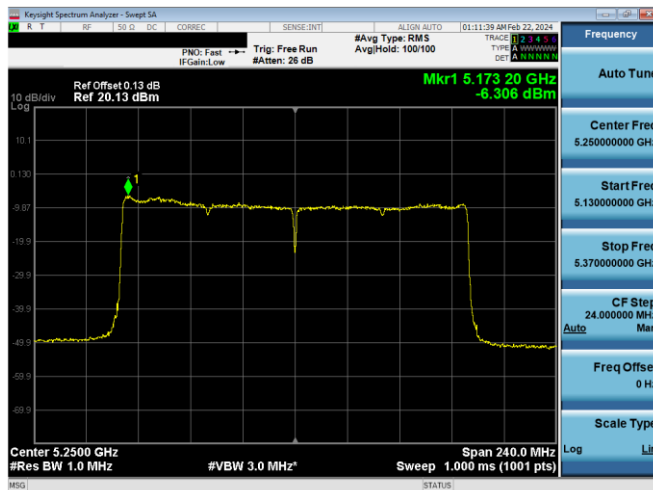
FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-22.BCG	Test Dates: 11/28/2023 - 1/15/2024	EUT Type: Tablet Device	Page 253 of 577



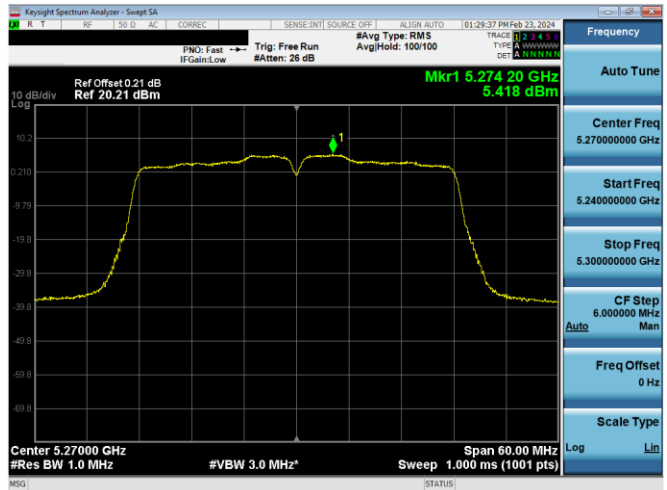
Plot 7-785. PSD CDD Diversity Antenna 2a (160MHz BW 802.11ac – Ch. 50, MCS2)



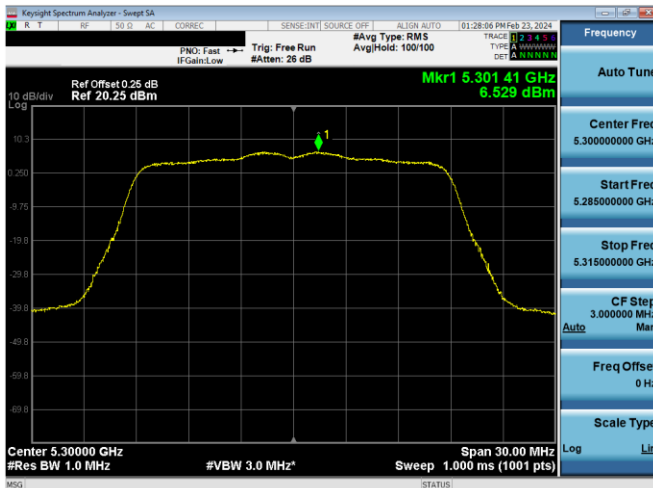
Plot 7-788. PSD CDD Diversity Antenna 2a (20MHz BW 802.11ax(SU) – Ch. 60, MCS2)



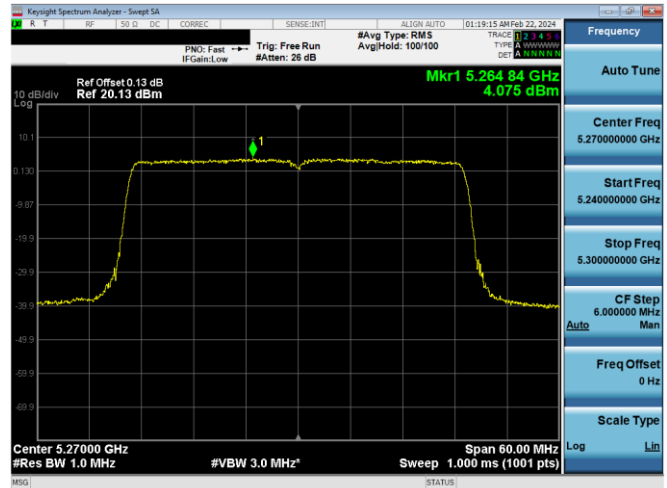
Plot 7-786. PSD CDD Diversity Antenna 2a (160MHz BW 802.11ax(SU) – Ch. 50, MCS2)



Plot 7-789. PSD CDD Diversity Antenna 2a (40MHz BW 802.11n – Ch. 54, MCS10)



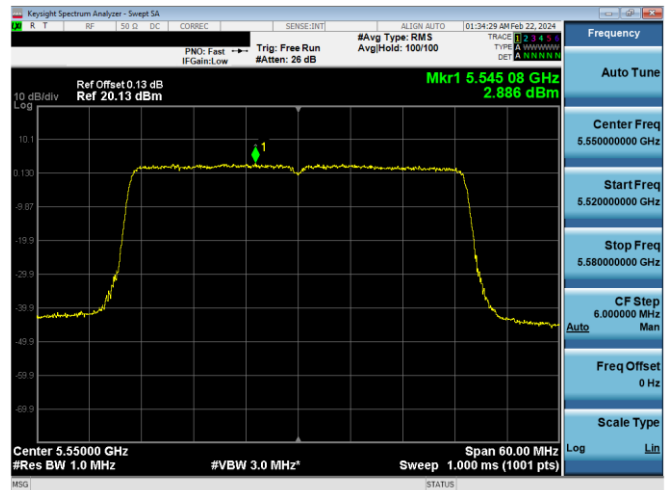
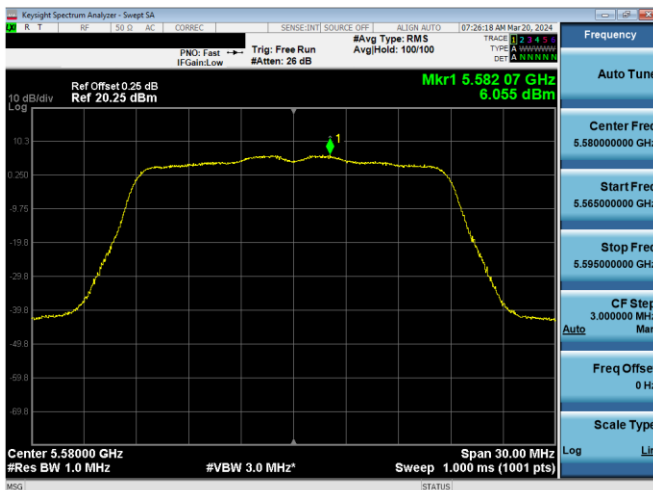
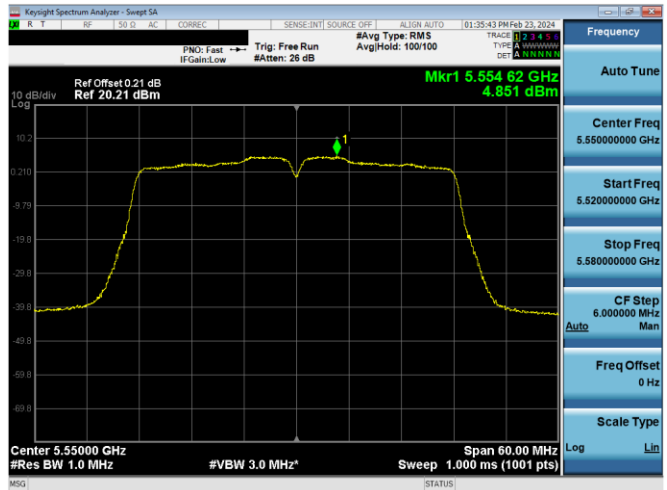
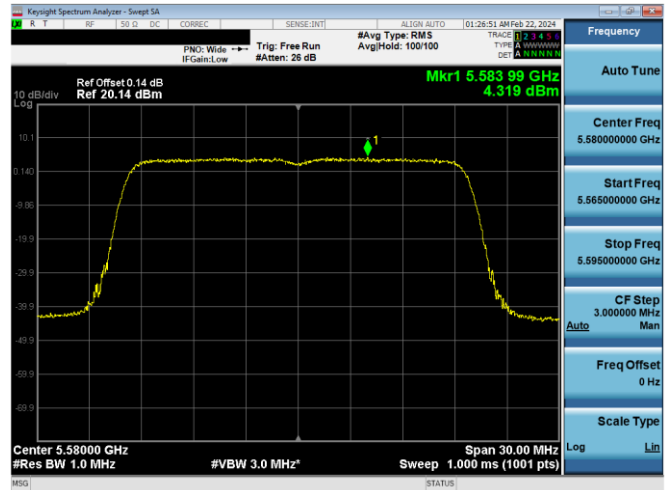
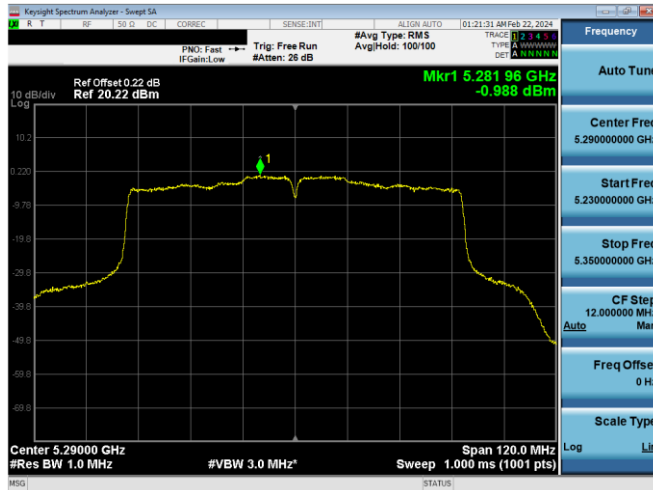
Plot 7-787. PSD CDD Diversity Antenna 2a (20MHz BW 802.11n – Ch. 60, MCS10)



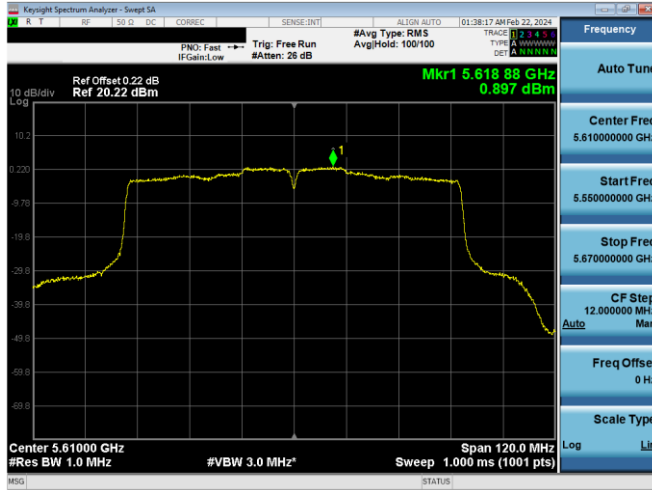
Plot 7-790. PSD CDD Diversity Antenna 2a (40MHz BW 802.11ax(SU) – Ch. 54, MCS2)

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 254 of 577

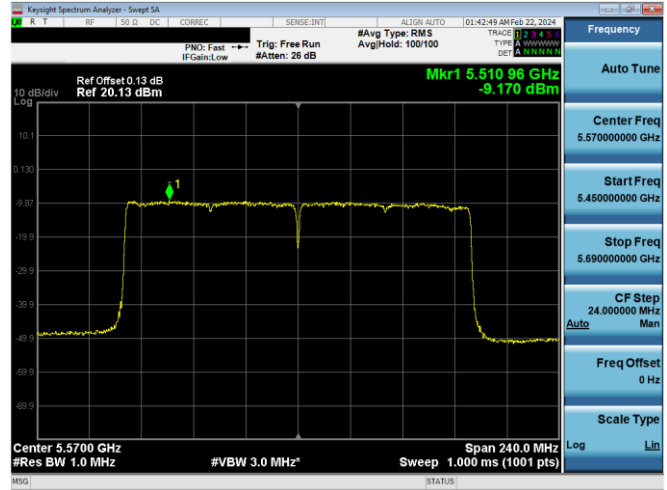
V 10.5 12/15/2021



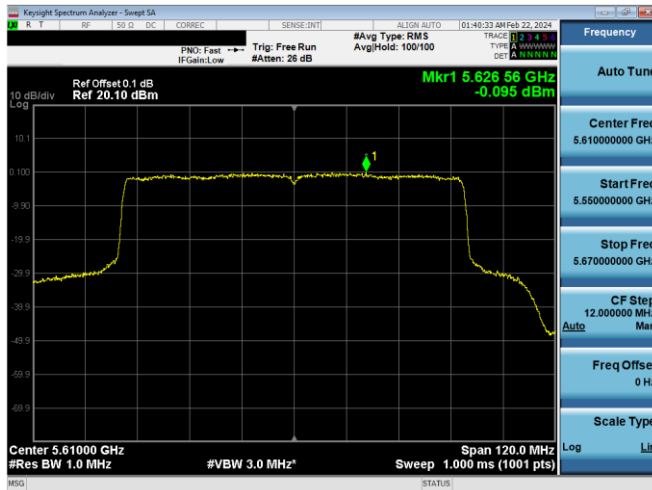
FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-22.BCG	Test Dates: 11/28/2023 - 1/15/2024	EUT Type: Tablet Device	Page 255 of 577



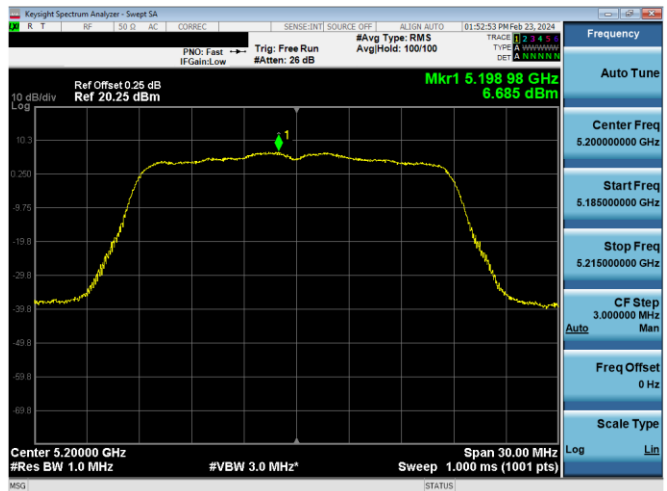
Plot 7-797. PSD CDD Diversity Antenna 2a (80MHz BW 802.11ac - Ch. 122, MCS2)



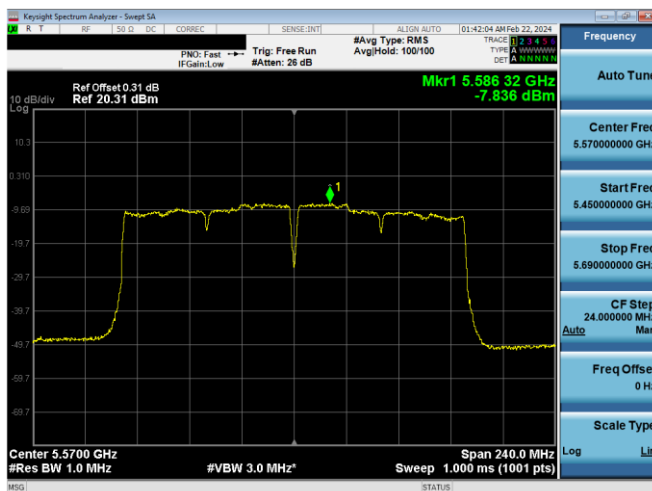
Plot 7-800. PSD CDD Diversity Antenna 2a (160MHz BW 802.11ax(SU) - Ch. 114, MCS2)



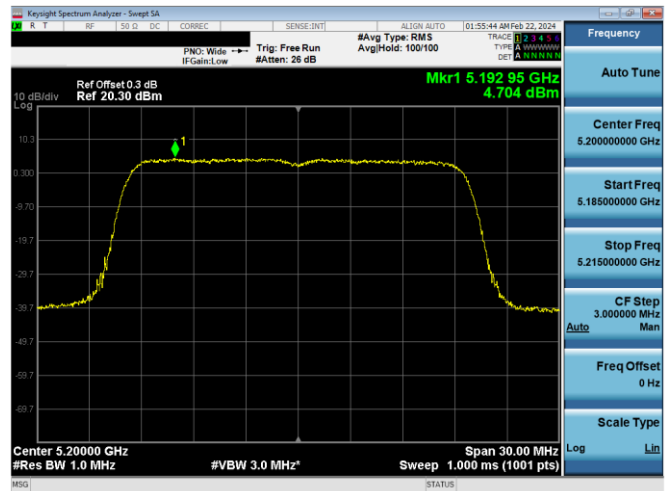
Plot 7-798. PSD CDD Diversity Antenna 2a (80MHz BW 802.11ax(SU) - Ch. 122, MCS2)



Plot 7-801. PSD CDD Diversity Antenna 2a (20MHz BW 802.11n - Ch. 40, MCS12)

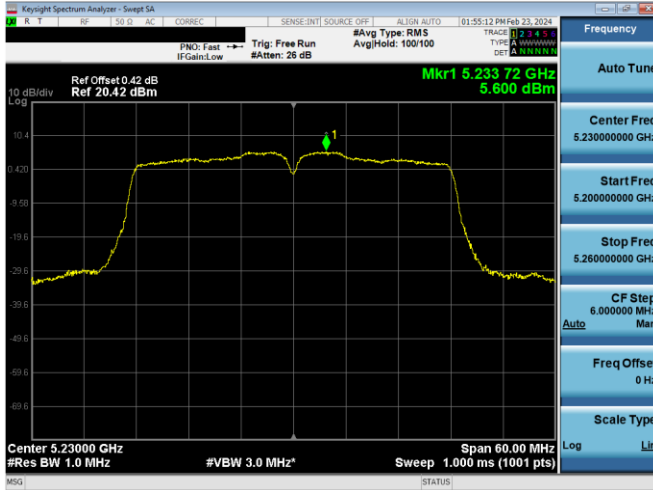


Plot 7-799. PSD CDD Diversity Antenna 2a (160MHz BW 802.11ac - Ch. 114, MCS2)

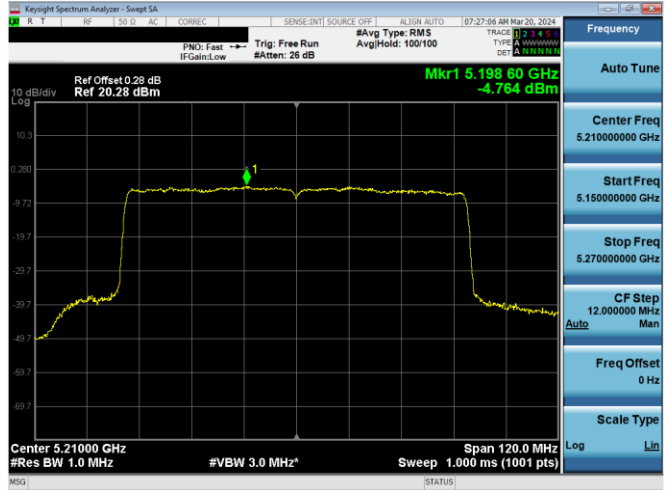


Plot 7-802. PSD CDD Diversity Antenna 2a (20MHz BW 802.11ax(SU) - Ch. 40, MCS4)

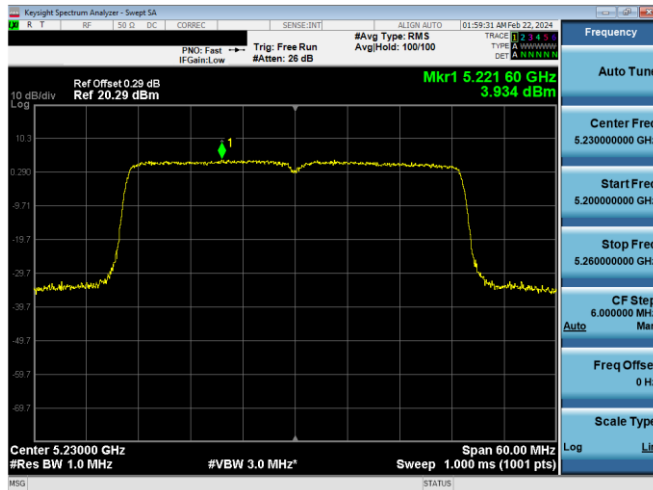
FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-22.BCG	Test Dates: 11/28/2023 - 1/15/2024	EUT Type: Tablet Device	Page 256 of 577



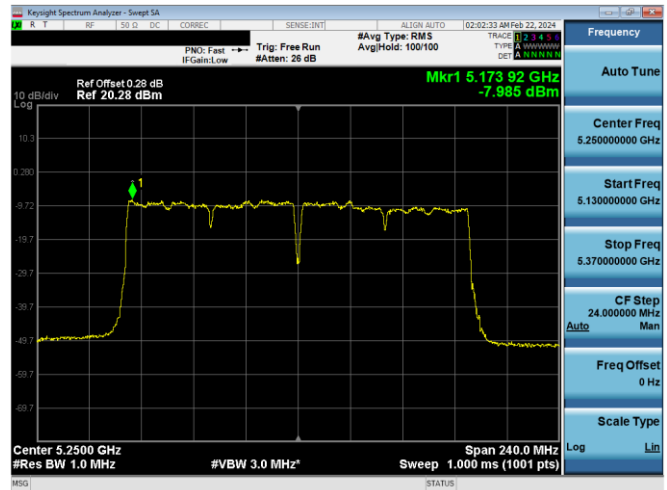
Plot 7-803. PSD CDD Diversity Antenna 2a (40MHz BW 802.11n – Ch. 46, MCS12)



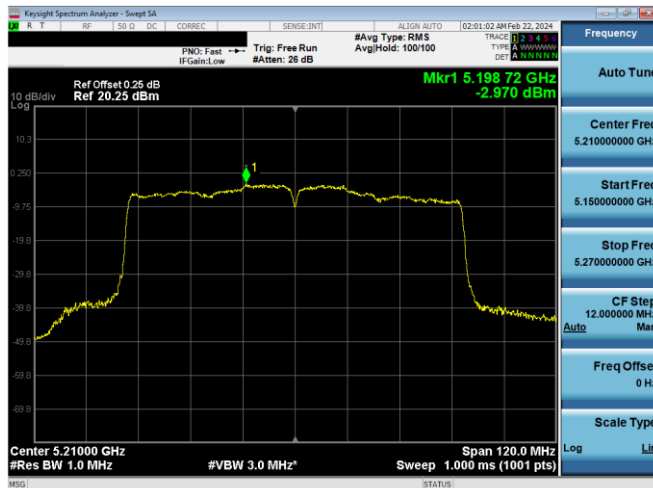
Plot 7-806. PSD CDD Diversity Antenna 2a (80MHz BW 802.11ax(SU) – Ch. 42, MCS4)



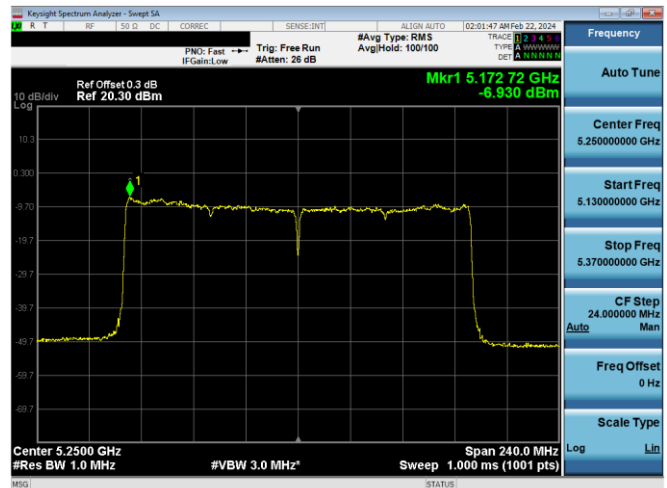
Plot 7-804. PSD CDD Diversity Antenna 2a (40MHz BW 802.11ax(SU) – Ch. 46, MCS4)



Plot 7-807. PSD CDD Diversity Antenna 2a (160MHz BW 802.11ac – Ch. 50, MCS4)

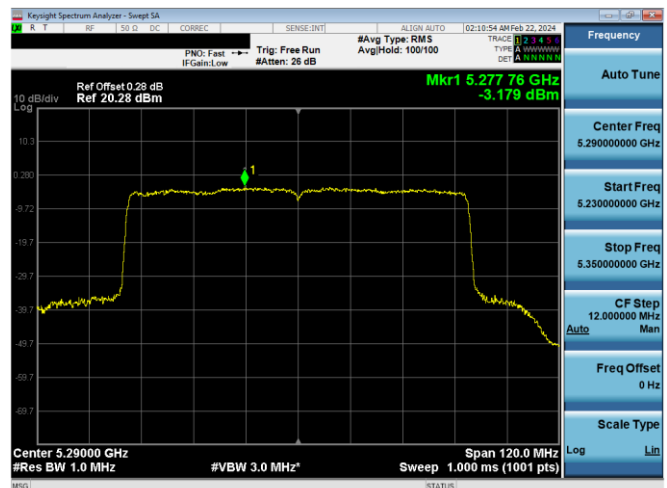
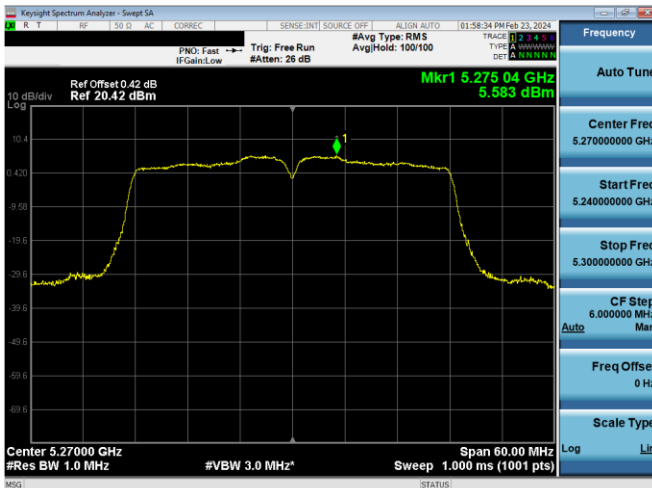
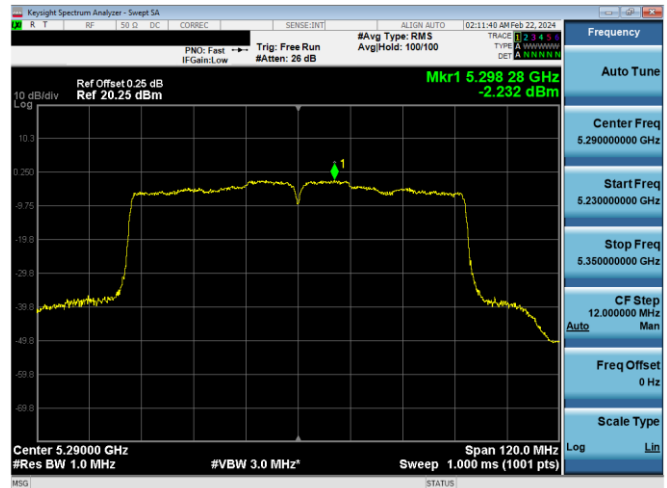
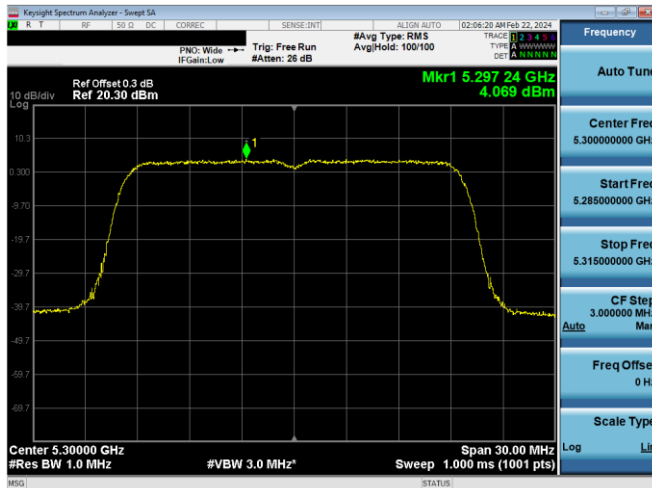
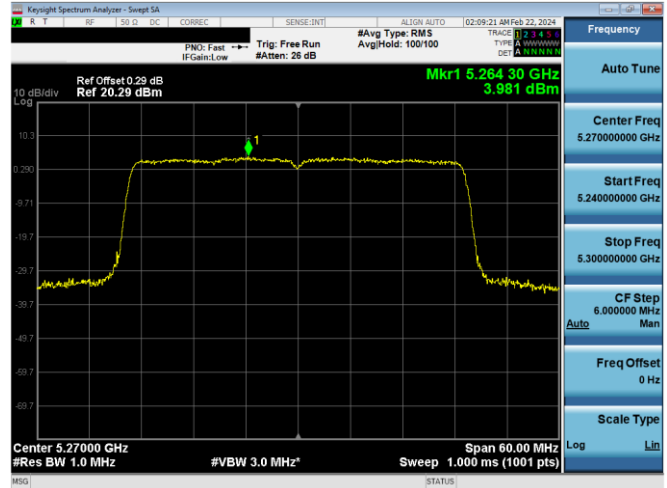
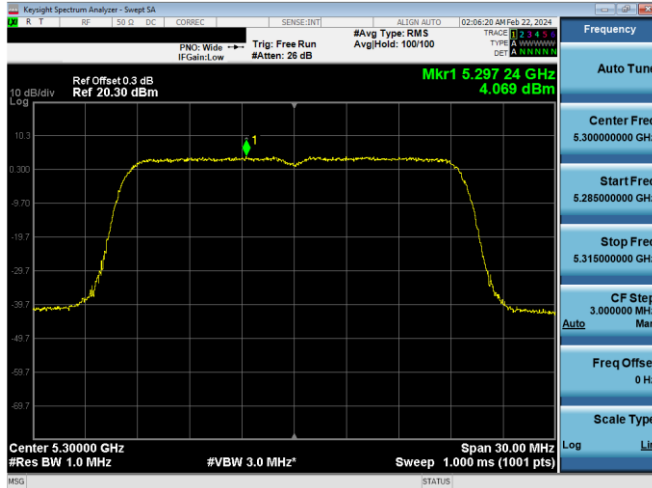


Plot 7-805. PSD CDD Diversity Antenna 2a (80MHz BW 802.11ac – Ch. 42, MCS4)

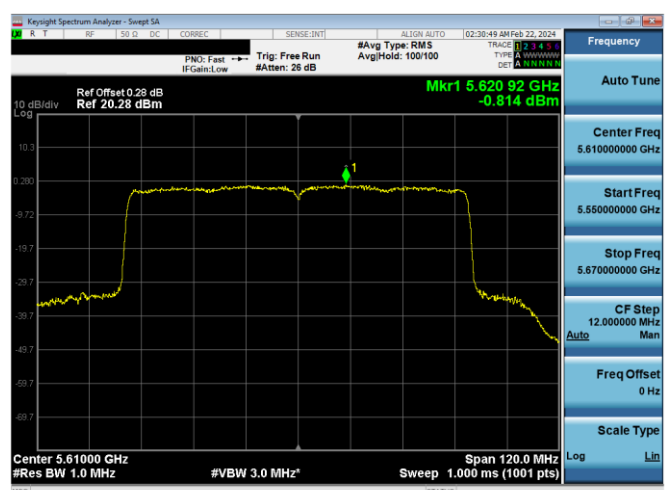
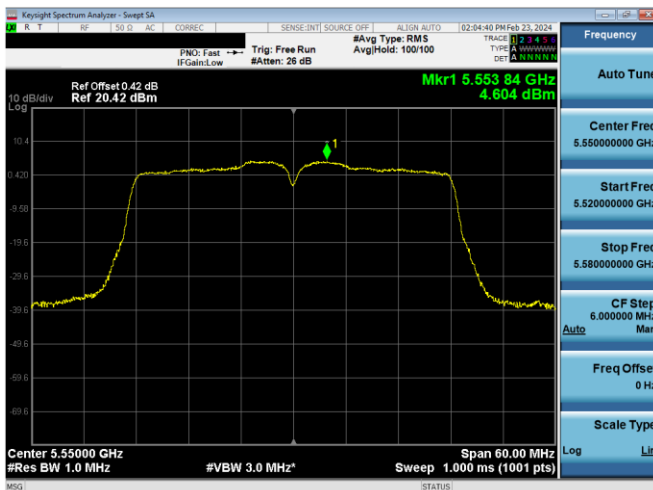
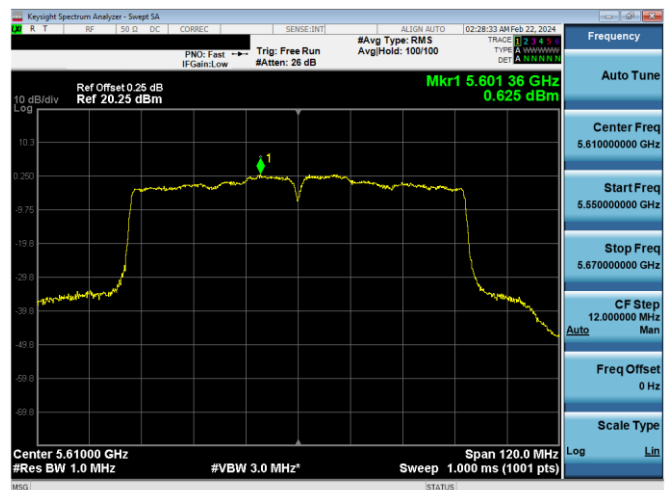
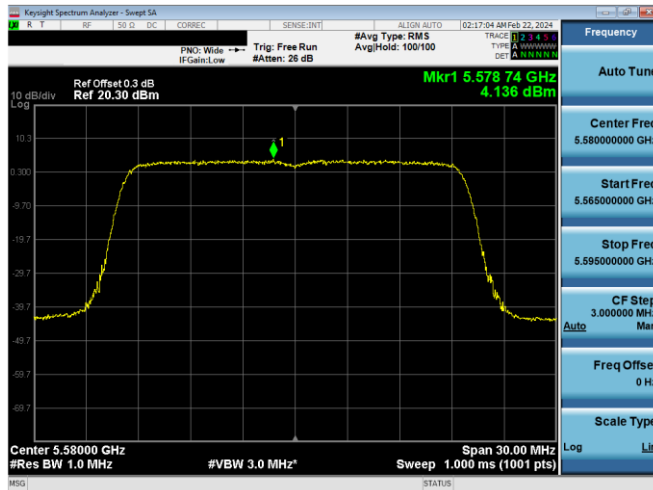
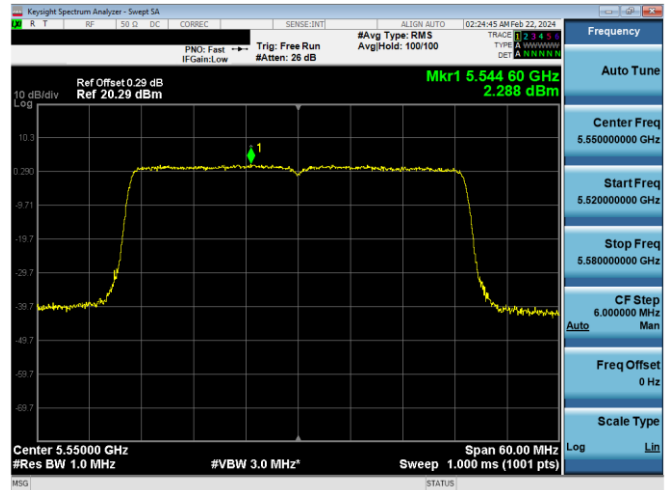
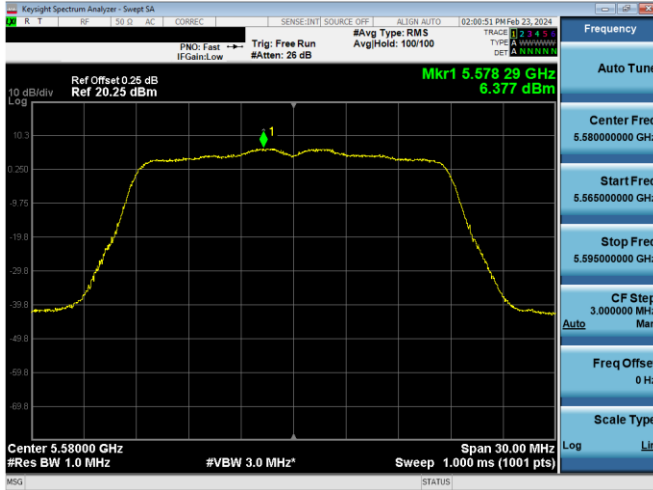


Plot 7-808. PSD CDD Diversity Antenna 2a (160MHz BW 802.11ax(SU) – Ch. 50, MCS4)

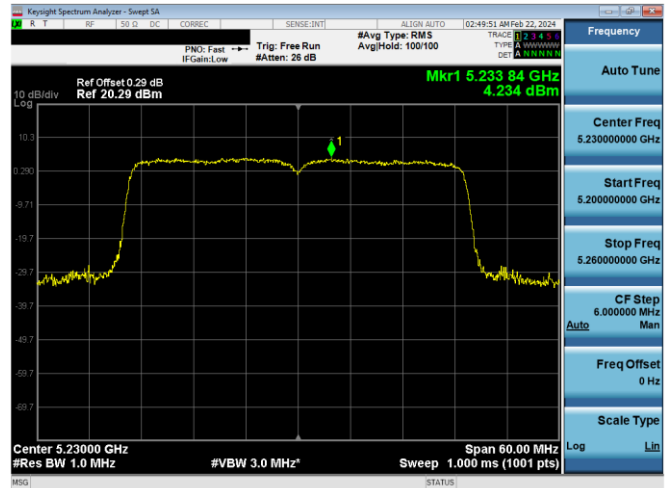
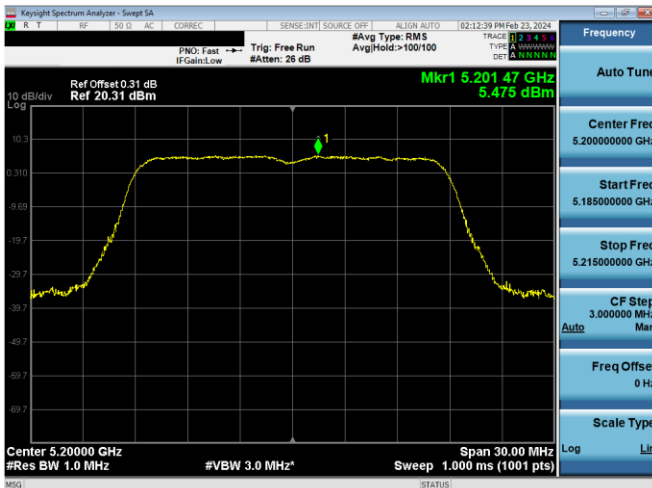
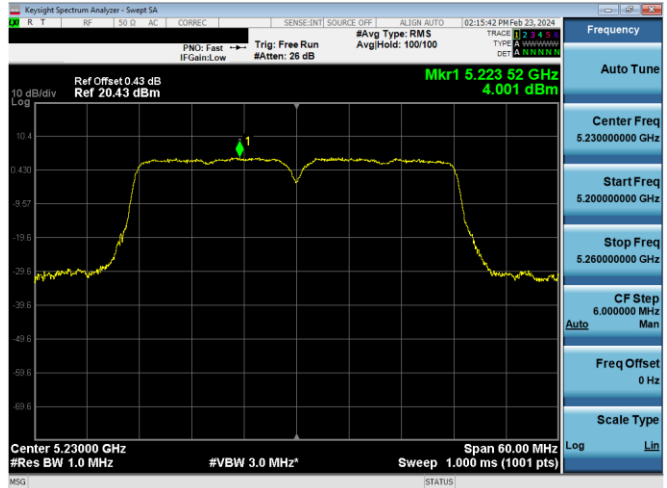
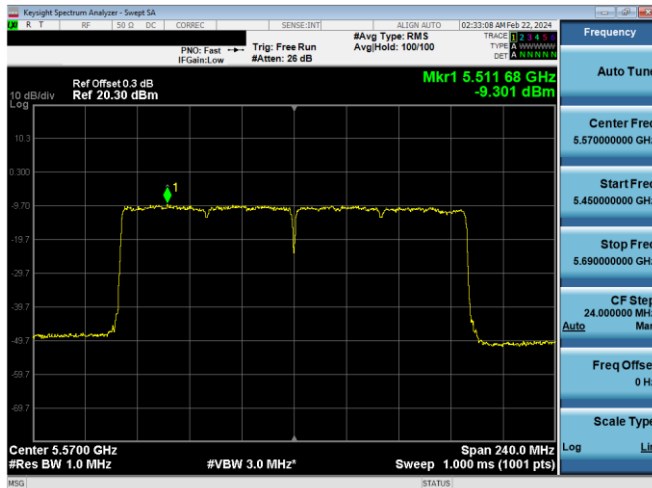
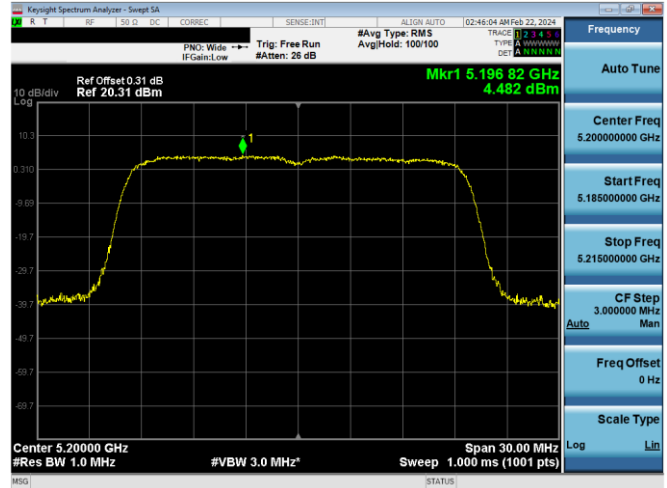
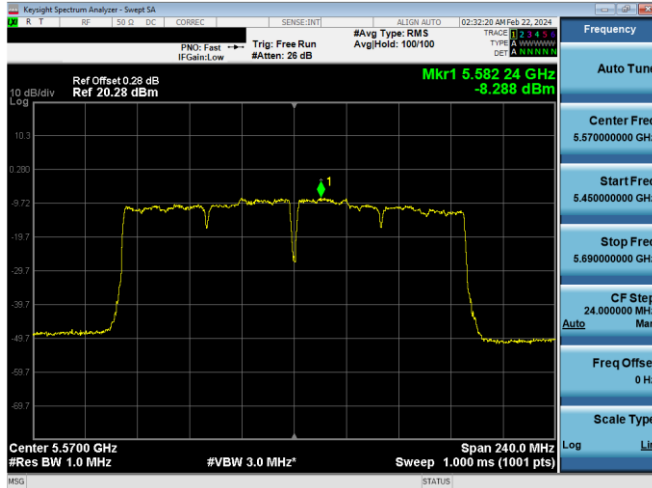
FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-22.BCG	Test Dates: 11/28/2023 - 1/15/2024	EUT Type: Tablet Device	Page 257 of 577



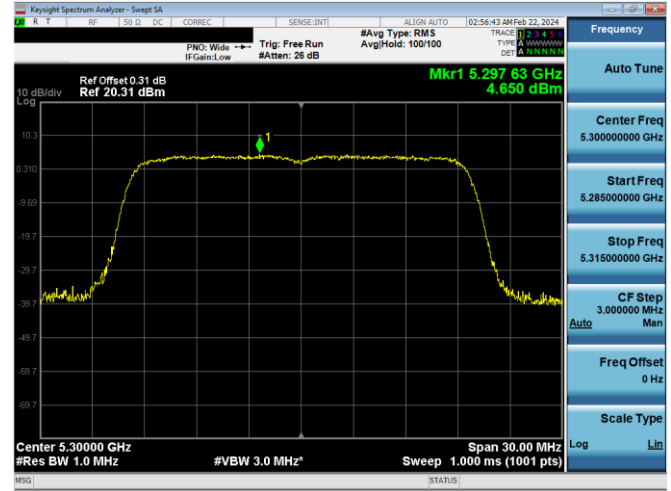
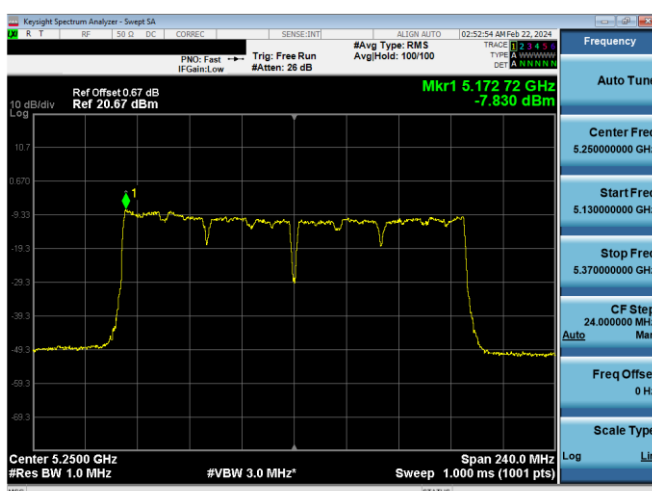
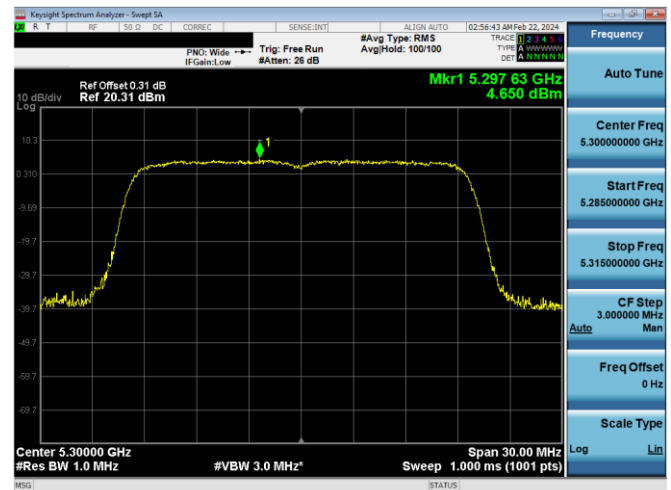
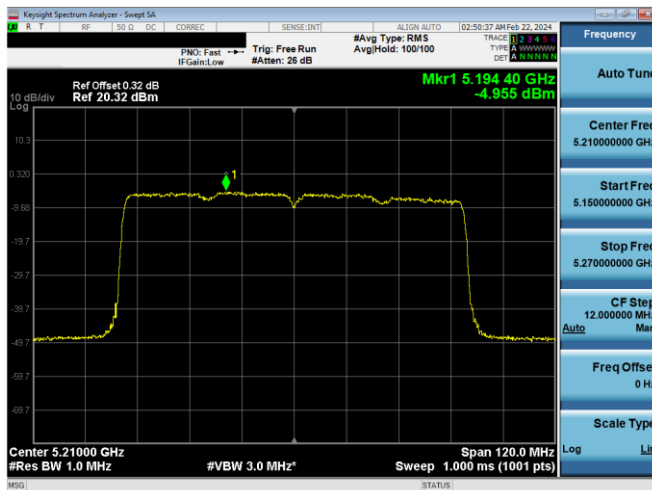
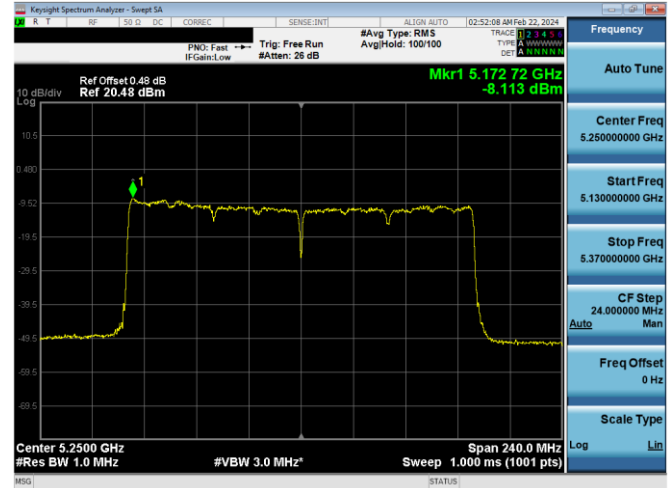
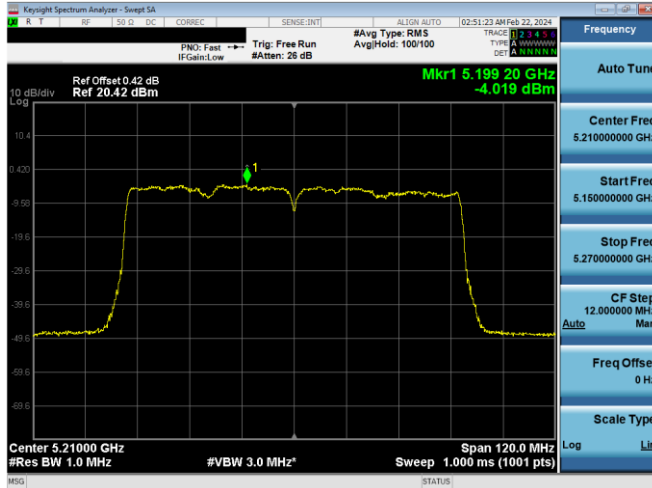
FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-22.BCG	Test Dates: 11/28/2023 - 1/15/2024	EUT Type: Tablet Device	Page 258 of 577



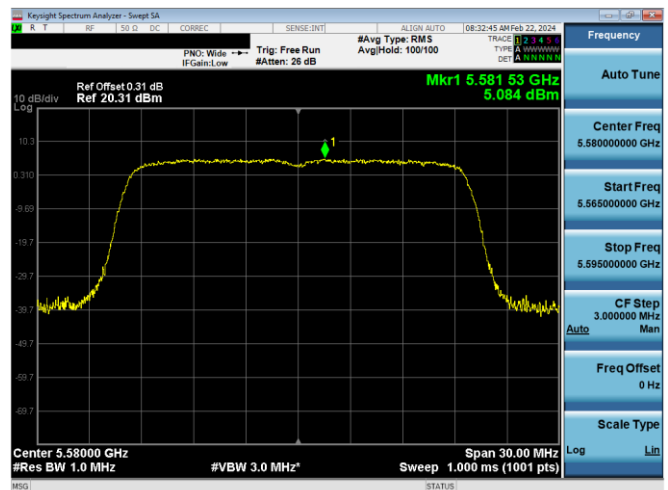
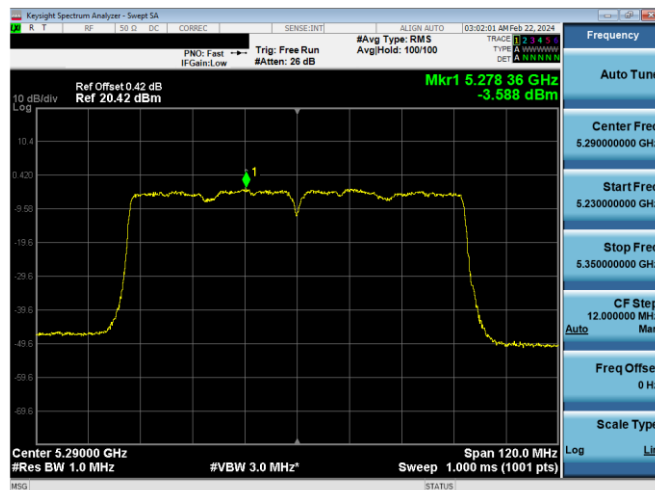
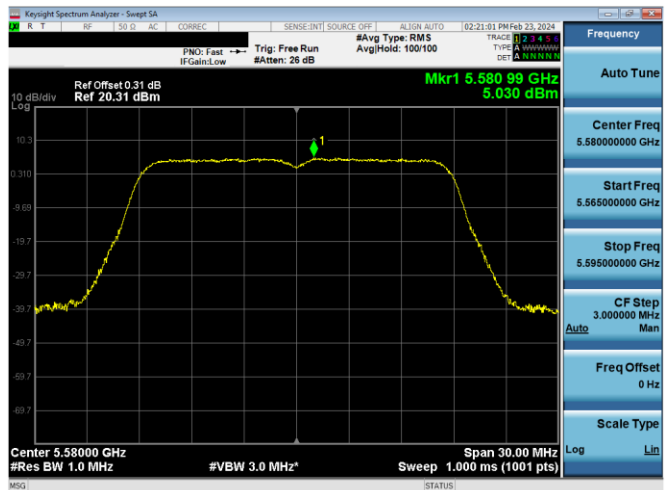
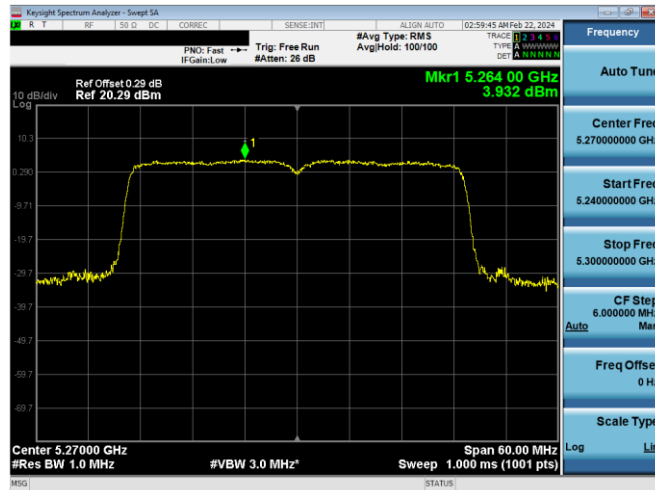
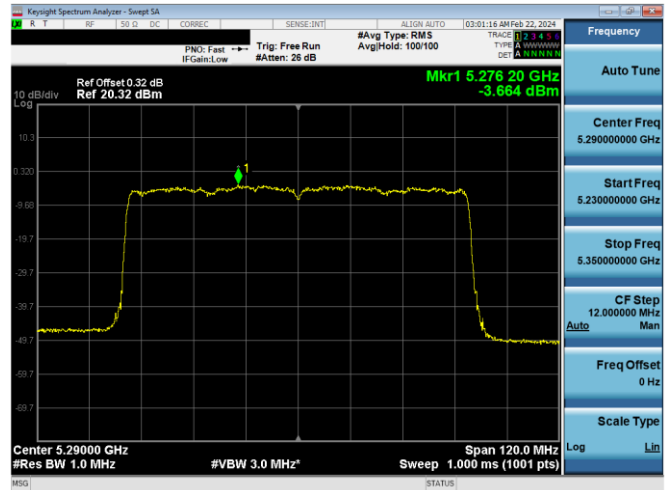
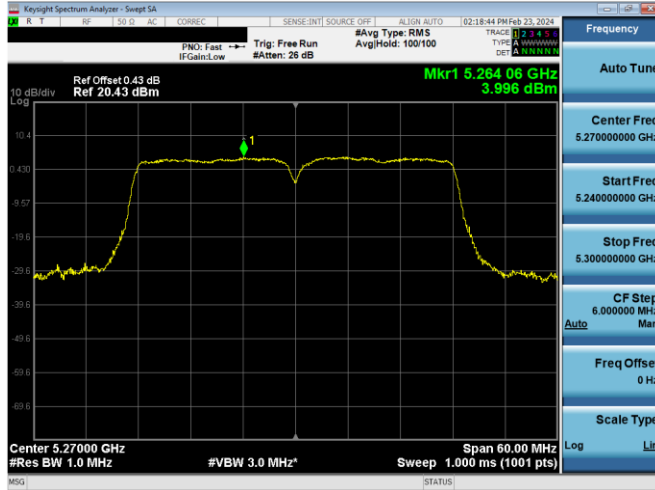
FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-22.BCG	Test Dates: 11/28/2023 - 1/15/2024	EUT Type: Tablet Device	Page 259 of 577



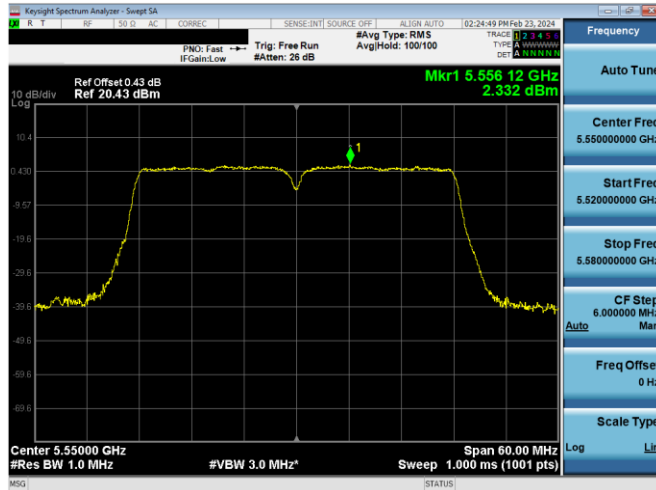
FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-22.BCG	Test Dates: 11/28/2023 - 1/15/2024	EUT Type: Tablet Device	Page 260 of 577



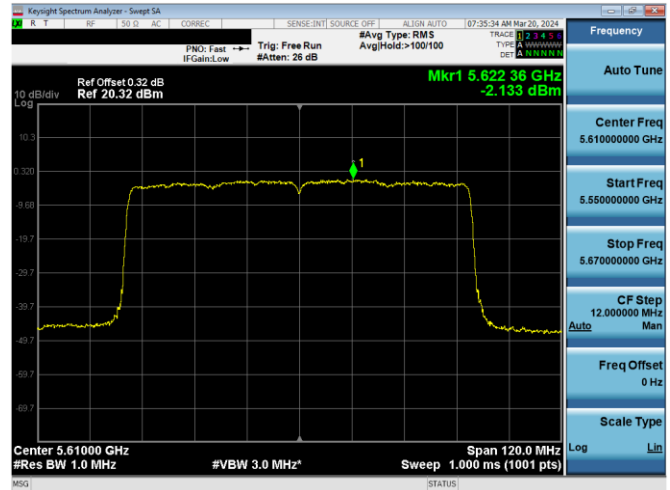
FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-22.BCG	Test Dates: 11/28/2023 - 1/15/2024	EUT Type: Tablet Device	Page 261 of 577



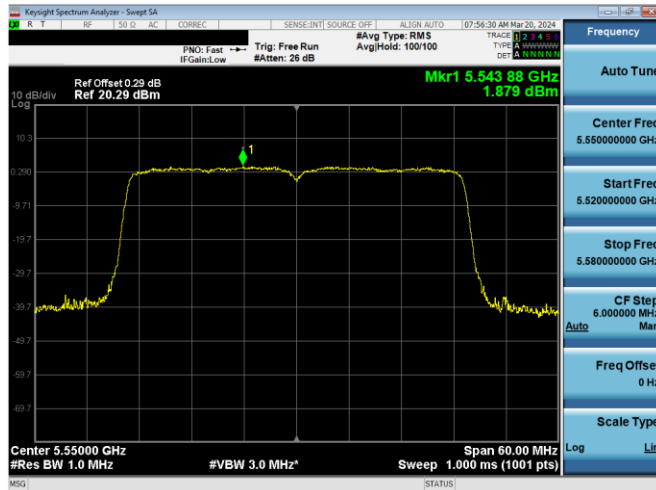
FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-22.BCG	Test Dates: 11/28/2023 - 1/15/2024	EUT Type: Tablet Device	Page 262 of 577



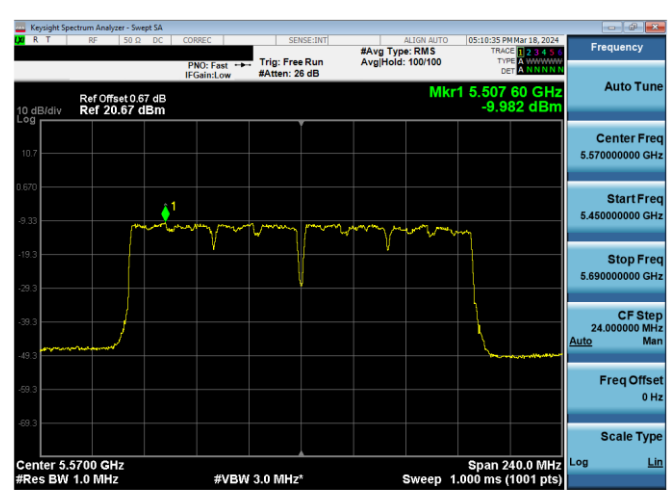
Plot 7-839. PSD CDD Diversity Antenna 2a (40MHz BW 802.11n – Ch. 110, MCS15)



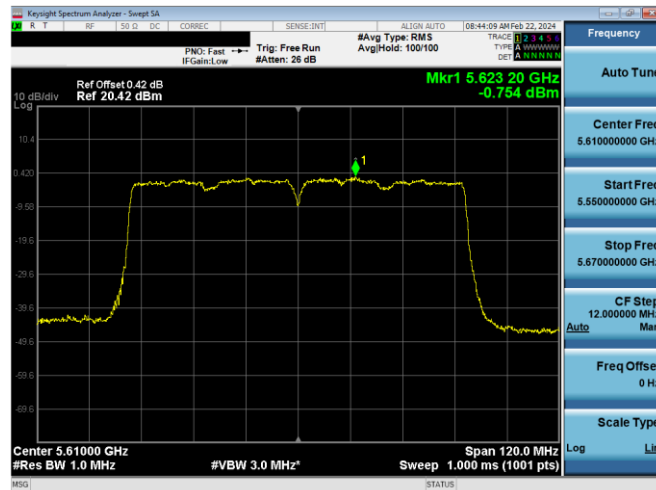
Plot 7-842. PSD CDD Diversity Antenna 2a (80MHz BW 802.11ax(SU) – Ch. 122, MCS11)



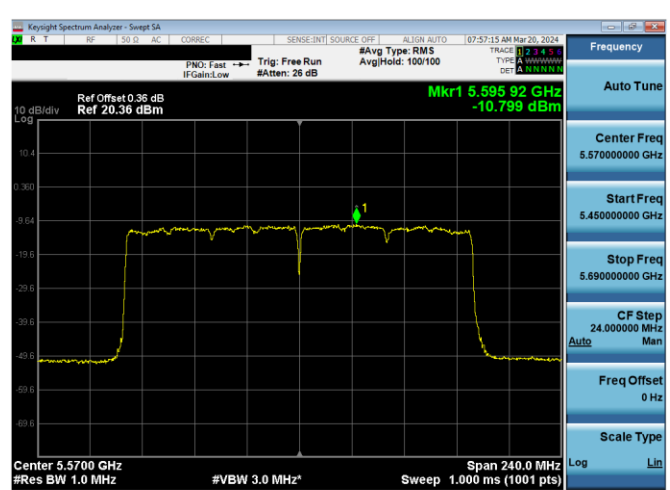
Plot 7-840. PSD CDD Diversity Antenna 2a (40MHz BW 802.11ax(SU) – Ch. 110, MCS11)



Plot 7-843. PSD CDD Diversity Antenna 2a (160MHz BW 802.11ac – Ch. 114, MCS9)



Plot 7-841. PSD CDD Diversity Antenna 2a (80MHz BW 802.11ac – Ch. 122, MCS9)



Plot 7-844. PSD CDD Diversity Antenna 2a (160MHz BW 802.11ax(SU) – Ch. 114, 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 263 of 577

	Frequency [MHz]	Channel	802.11 MODE	Mode	Data Rate [Mbps]	Ant 4a Power Density [dBm/500kHz]	Ant 2a Power Density [dBm/500kHz]	Summed Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	CDD	39/43.3 (MCS10)	4.77	4.78	7.78	30.0	-22.22
	5785	157	n (20MHz)	CDD	39/43.3 (MCS10)	4.66	4.51	7.59	30.0	-22.41
	5825	165	n (20MHz)	CDD	39/43.3 (MCS10)	5.19	5.10	8.16	30.0	-21.84
	5745	149	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	2.00	3.33	5.73	30.0	-24.27
	5785	157	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	4.40	3.45	6.96	30.0	-23.04
	5825	165	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	4.21	3.00	6.66	30.0	-23.34
	5755	151	n (40MHz)	CDD	81/60 (MCS10)	1.83	2.15	5.00	30.0	-25.00
	5795	159	n (40MHz)	CDD	81/60 (MCS10)	1.80	1.77	4.80	30.0	-25.20
	5755	151	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	2.19	1.34	4.80	30.0	-25.20
	5795	159	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	1.84	1.09	4.49	30.0	-25.51
	5775	155	ac (80MHz)	CDD	175.5/195 (MCS2)	-0.24	-1.57	2.16	30.0	-27.84
	5775	155	ax (SU) (80MHz)	CDD	204/216.2 (MCS2)	-1.89	-2.86	0.66	30.0	-29.34

Table 7-239. Band 3 Power Spectral Density Measurements CDD Diversity (Low Data Rate)

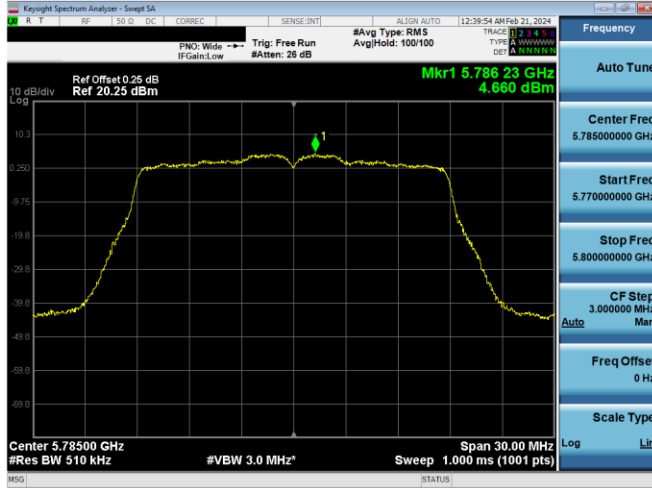
	Frequency [MHz]	Channel	802.11 MODE	Mode	Data Rate [Mbps]	Ant 4a Power Density [dBm/500kHz]	Ant 2a Power Density [dBm/500kHz]	Summed Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	CDD	78/86.7 (MCS12)	5.04	4.51	7.79	30.0	-22.21
	5785	157	n (20MHz)	CDD	78/86.7 (MCS12)	4.53	4.43	7.49	30.0	-22.51
	5825	165	n (20MHz)	CDD	78/86.7 (MCS12)	4.99	4.52	7.77	30.0	-22.23
	5745	149	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	2.44	3.12	5.80	30.0	-24.20
	5785	157	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	4.46	3.25	6.91	30.0	-23.09
	5825	165	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	4.48	3.90	7.21	30.0	-22.79
	5755	151	n (40MHz)	CDD	162/180 (MCS12)	3.83	1.89	5.98	30.0	-24.02
	5795	159	n (40MHz)	CDD	162/180 (MCS12)	3.63	2.61	6.16	30.0	-23.84
	5755	151	ax (SU) (40MHz)	CDD	196/206.5 (MCS4)	2.38	1.09	4.79	30.0	-25.21
	5795	159	ax (SU) (40MHz)	CDD	196/206.5 (MCS4)	2.27	0.23	4.38	30.0	-25.62
	5775	155	ac (80MHz)	CDD	351/390 (MCS4)	-0.37	-1.75	2.01	30.0	-27.99
	5775	155	ax (SU) (80MHz)	CDD	408/432.4 (MCS4)	-2.61	-3.25	0.09	30.0	-29.91

Table 7-240. Band 3 Power Spectral Density Measurements CDD Diversity (Mid Data Rate)

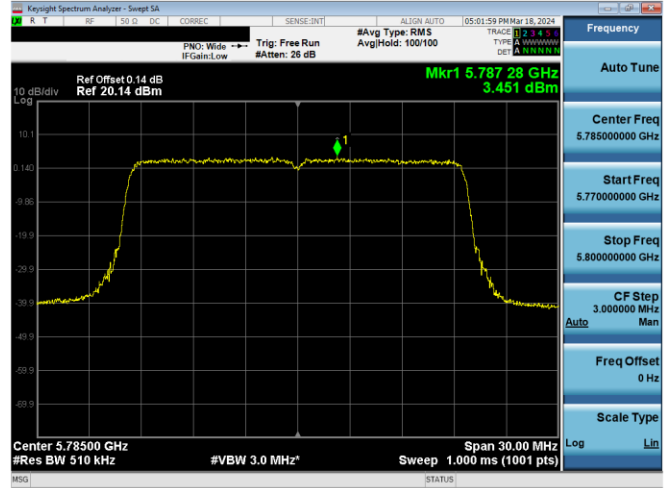
	Frequency [MHz]	Channel	802.11 MODE	Mode	Data Rate [Mbps]	Ant 4a Power Density [dBm/500kHz]	Ant 2a Power Density [dBm/500kHz]	Summed Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	CDD	130/144.4 (MCS15)	3.84	3.75	6.81	30.0	-23.19
	5785	157	n (20MHz)	CDD	130/144.4 (MCS15)	3.55	3.34	6.45	30.0	-23.55
	5825	165	n (20MHz)	CDD	130/144.4 (MCS15)	3.72	3.45	6.60	30.0	-23.40
	5745	149	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	4.87	4.11	7.51	30.0	-22.49
	5785	157	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	4.72	3.16	7.02	30.0	-22.98
	5825	165	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	4.15	3.44	6.82	30.0	-23.18
	5755	151	n (40MHz)	CDD	270/300 (MCS15)	0.93	0.82	3.89	30.0	-26.11
	5795	159	n (40MHz)	CDD	270/300 (MCS15)	1.02	0.61	3.83	30.0	-26.17
	5755	151	ax (SU) (40MHz)	CDD	271/286.8 (MCS11)	0.89	0.63	3.77	30.0	-26.23
	5795	159	ax (SU) (40MHz)	CDD	271/286.8 (MCS11)	2.49	1.33	4.95	30.0	-25.05
	5775	155	ac (80MHz)	CDD	780/866.7 (MCS9)	-2.17	-3.01	0.44	30.0	-29.56
	5775	155	ax (SU) (80MHz)	CDD	1134/1201 (MCS11)	-2.42	-3.27	0.19	30.0	-29.81

Table 7-241. Band 3 Power Spectral Density Measurements CDD Diversity (High Data Rate)

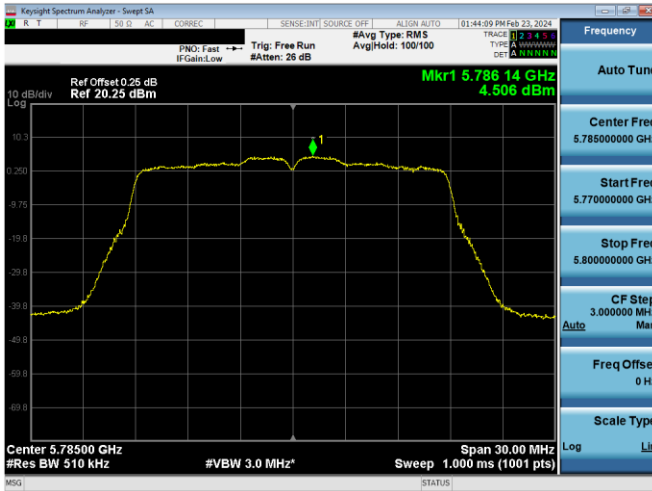
FCC ID: BCGA2837 IC: 579C-A2837	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270068-22.BCG	Test Dates: 11/28/2023 - 1/15/2024	EUT Type: Tablet Device	Page 264 of 577



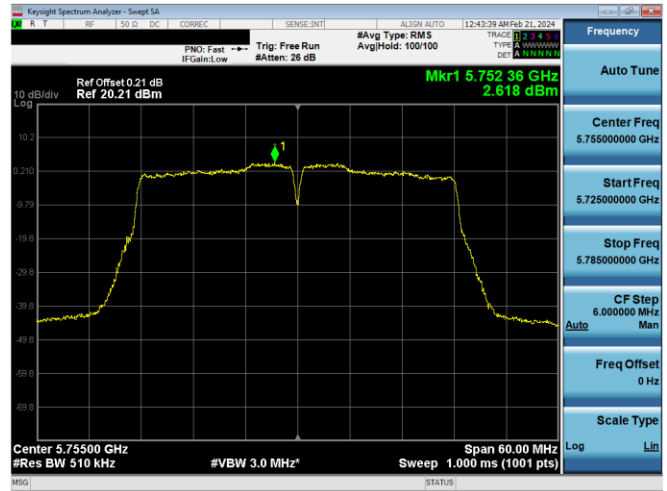
Plot 7-845. PSD CDD Diversity Antenna WF5b (20MHz BW 802.11n – Ch. 157, MCS10)



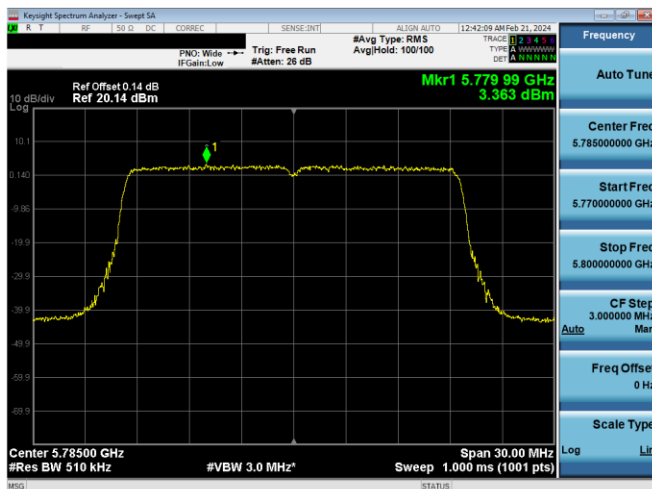
Plot 7-848. PSD CDD Diversity Antenna 2a (20MHz BW 802.11ax(SU) – Ch. 157, MCS2)



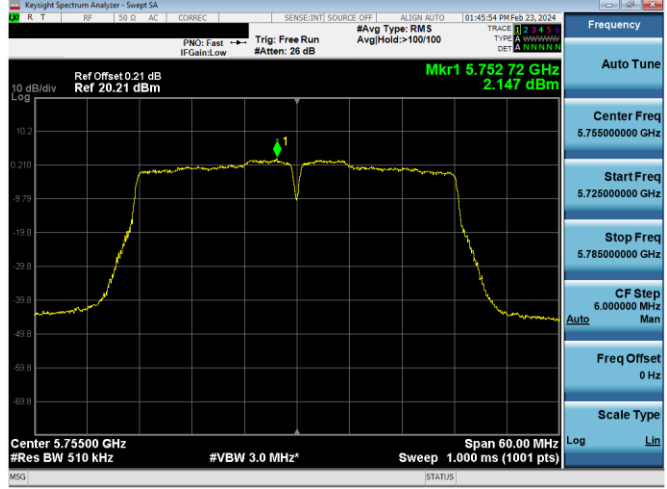
Plot 7-846. PSD CDD Diversity Antenna 2a (20MHz BW 802.11n – Ch. 157, MCS10)



Plot 7-849. PSD CDD Diversity Antenna WF5b (40MHz BW 802.11n – Ch. 151, MCS10)



Plot 7-847. PSD CDD Diversity Antenna WF5b (20MHz BW 802.11ax(SU) – Ch. 157, MCS2)



Plot 7-850. PSD CDD Diversity Antenna 2a (40MHz BW 802.11n – Ch. 151, MCS10)

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 265 of 577