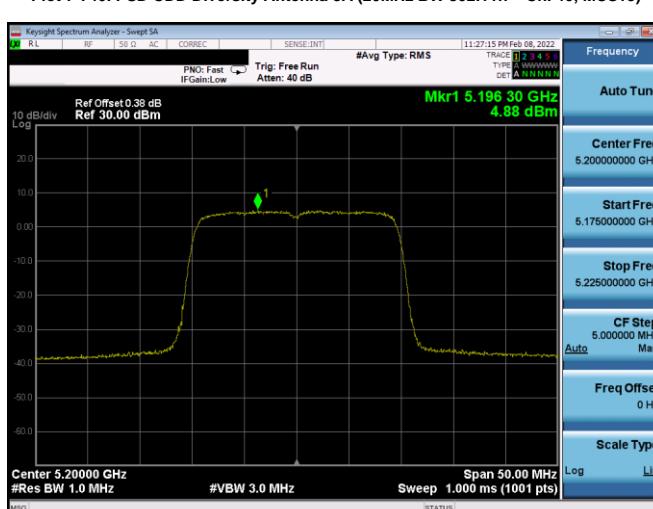
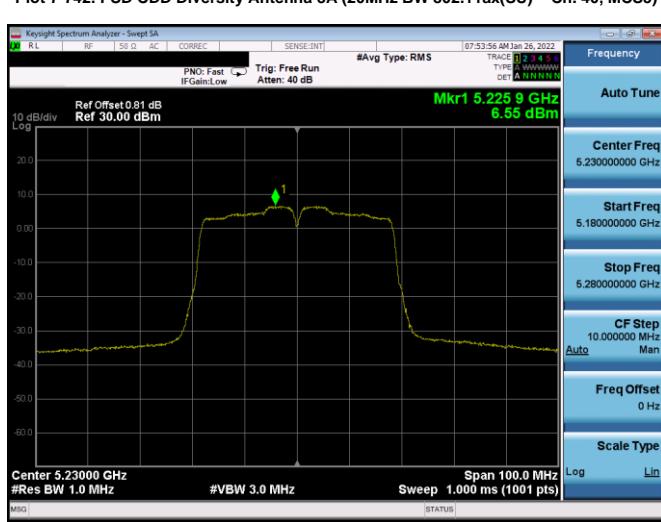
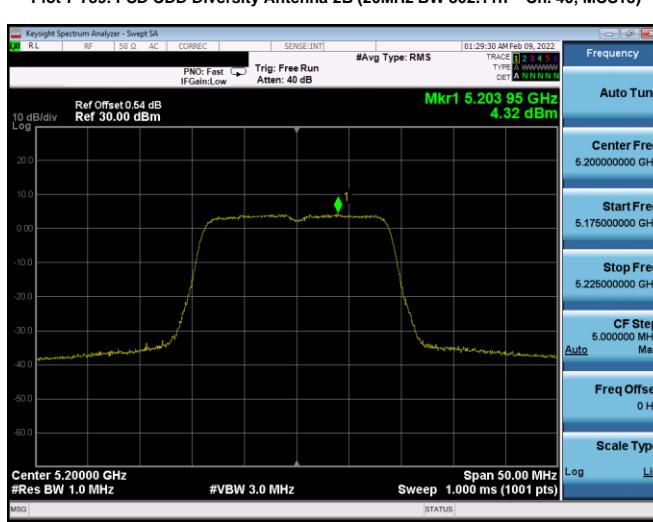
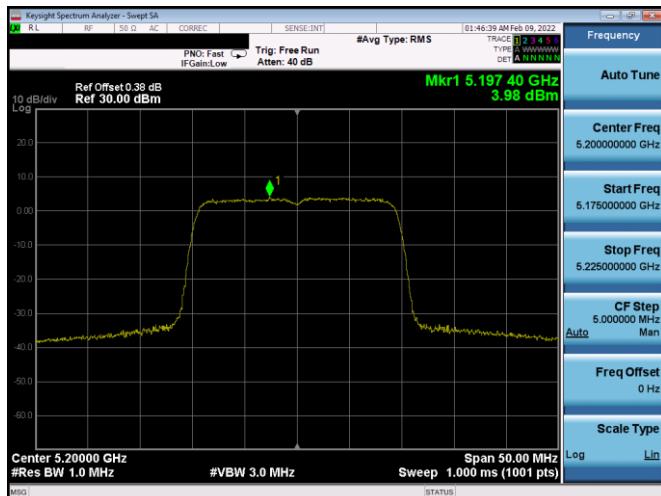
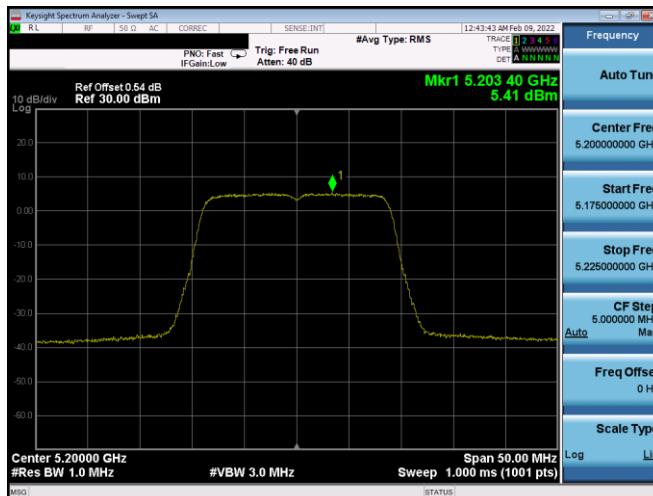


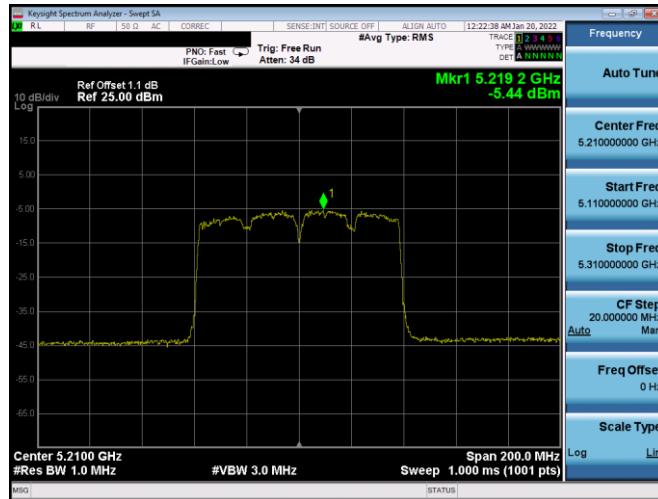
High Data Rate



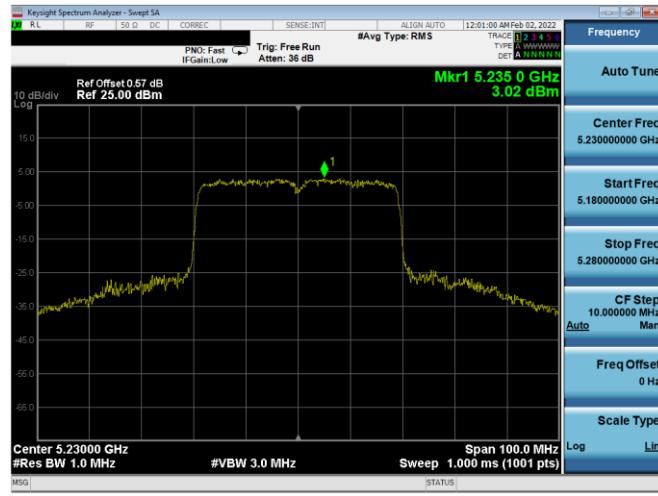
FCC ID: BCGA2589 IC: 579C-A2589	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-14.BCG	Test Dates: 12/02/2021 - 02/10/2022	EUT Type: Tablet Device	Page 235 of 564



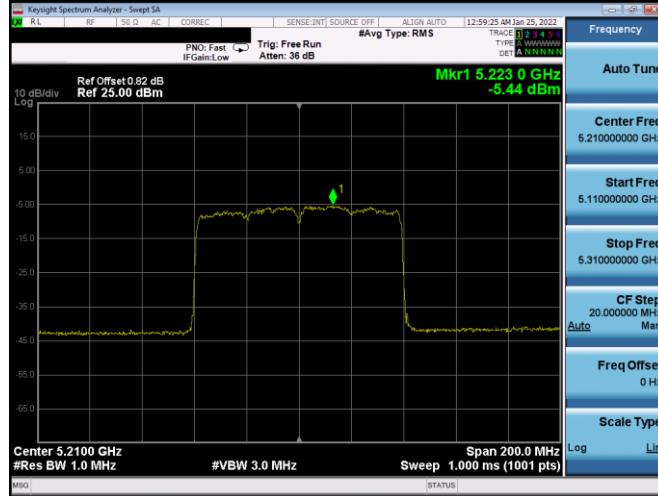
Plot 7-745. PSD CDD Diversity Antenna 2B (40MHz BW 802.11ax(SU) – Ch. 46, MCS5)



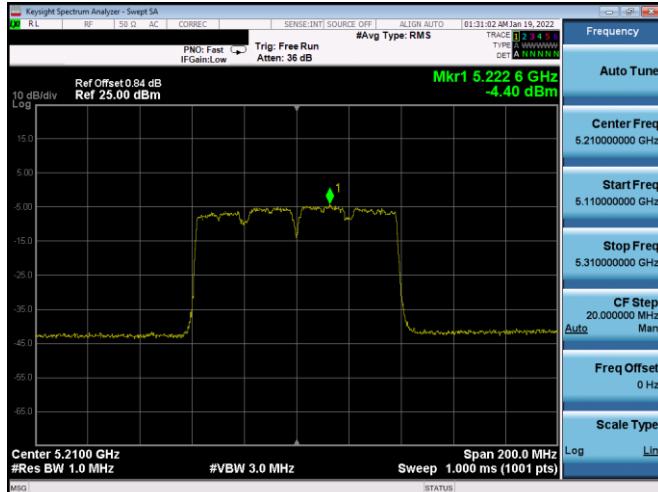
Plot 7-748. PSD CDD Diversity Antenna 3A (80MHz BW 802.11ac – Ch. 42, MCS5)



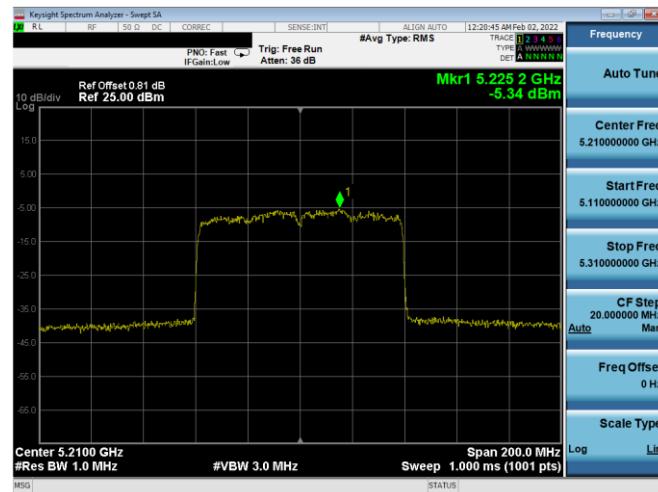
Plot 7-746. PSD CDD Diversity Antenna 3A (40MHz BW 802.11ax(SU) – Ch. 46, MCS5)



Plot 7-749. PSD CDD Diversity Antenna 2B (80MHz BW 802.11ax(SU) – Ch. 42, MCS5)

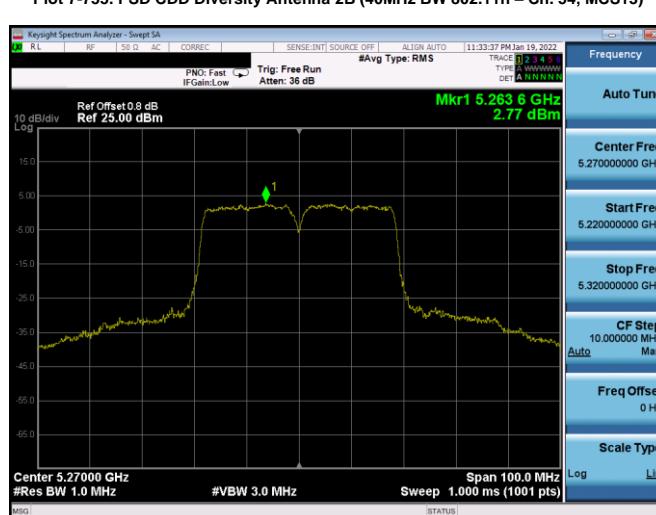
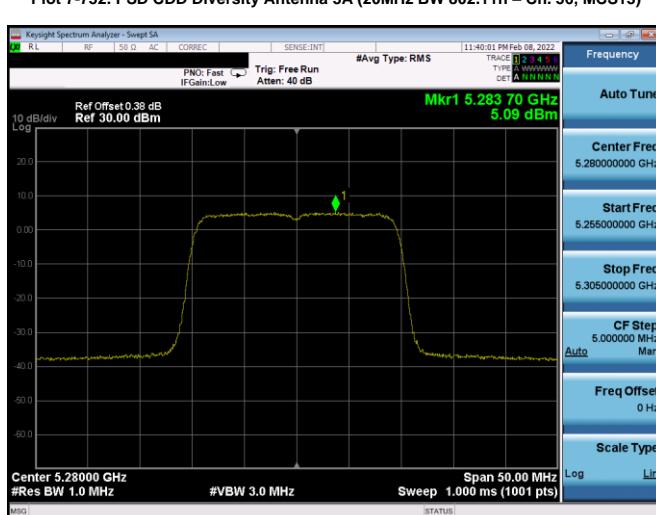
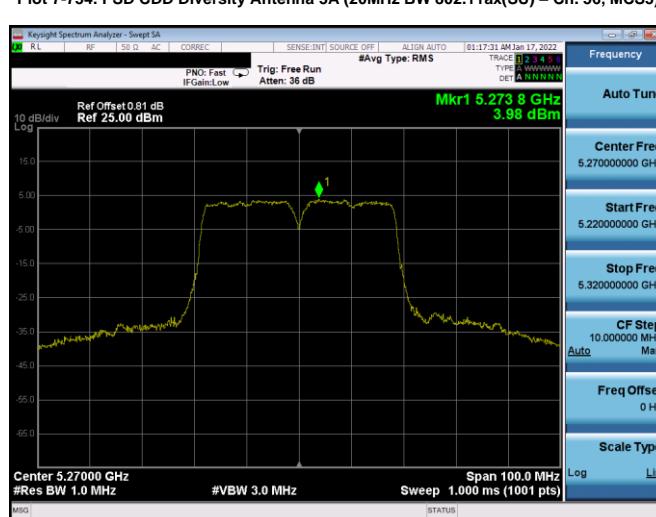
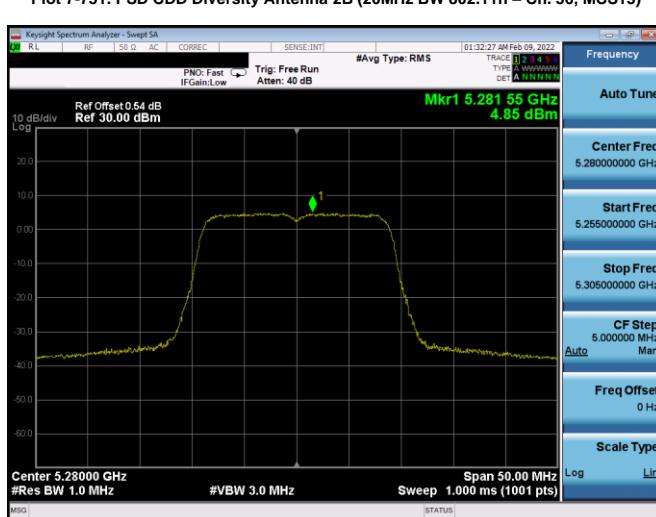
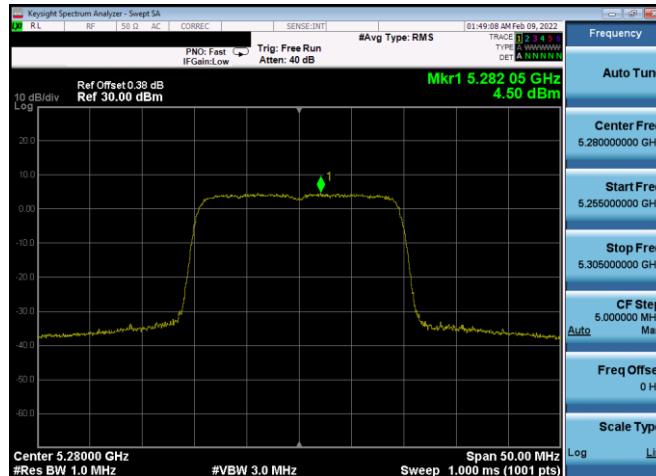
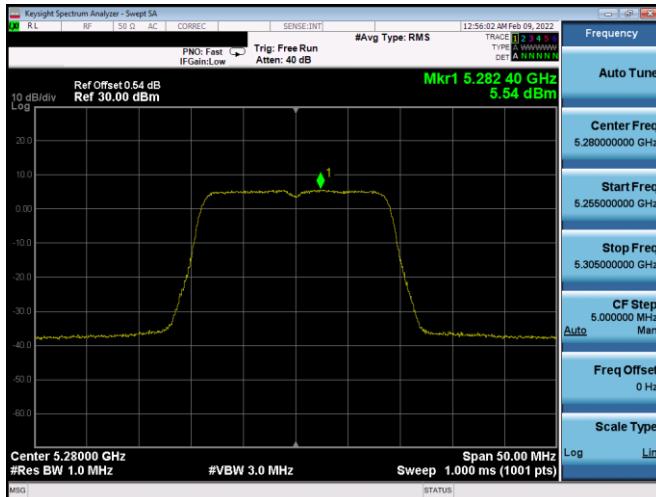


Plot 7-747. PSD CDD Diversity Antenna 2B (80MHz BW 802.11ac – Ch. 42, MCS5)

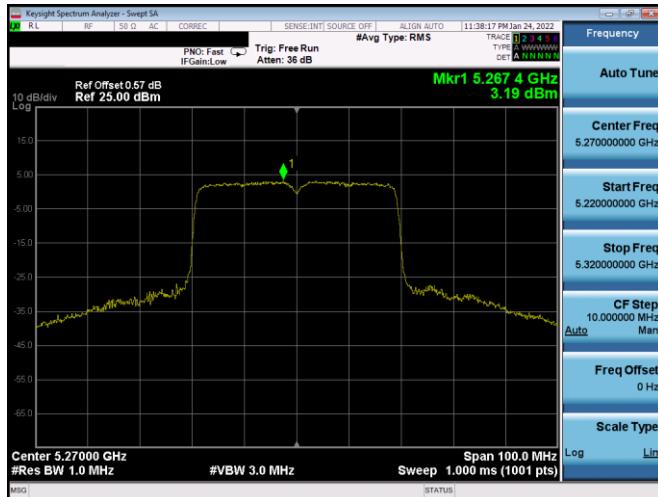


Plot 7-750. PSD CDD Diversity Antenna 3A (80MHz BW 802.11ax(SU) – Ch. 42, MCS5)

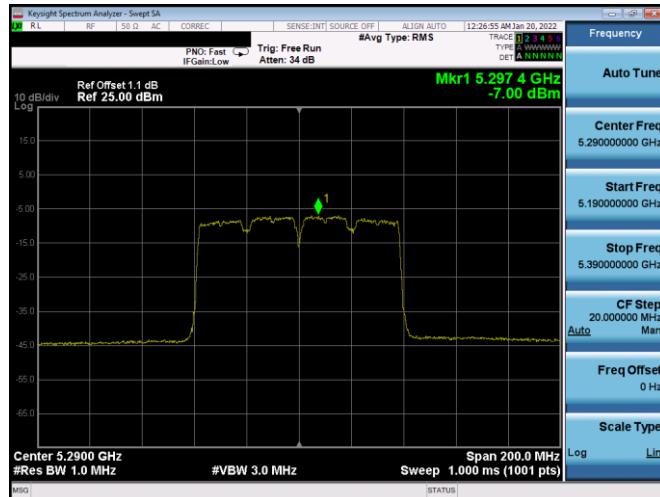
FCC ID: BCGA2589	 PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-14.BCG	Test Dates: 12/02/2021 - 02/10/2022	EUT Type: Tablet Device	Page 236 of 564



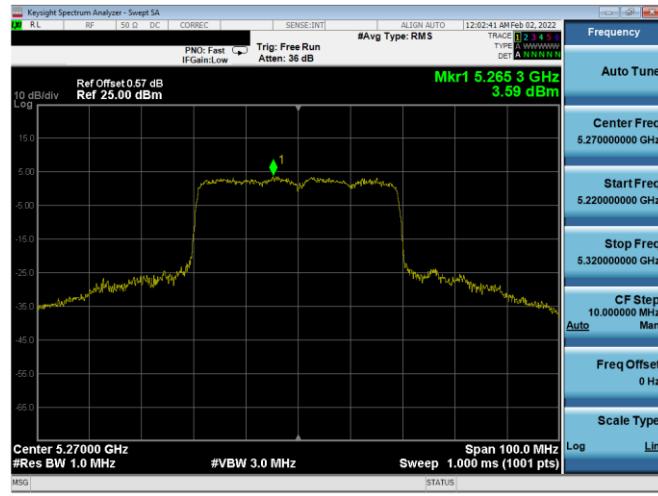
FCC ID: BCGA2589 IC: 579C-A2589	 PCTEST [®] Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-14.BCG	Test Dates: 12/02/2021 - 02/10/2022	EUT Type: Tablet Device	Page 237 of 564



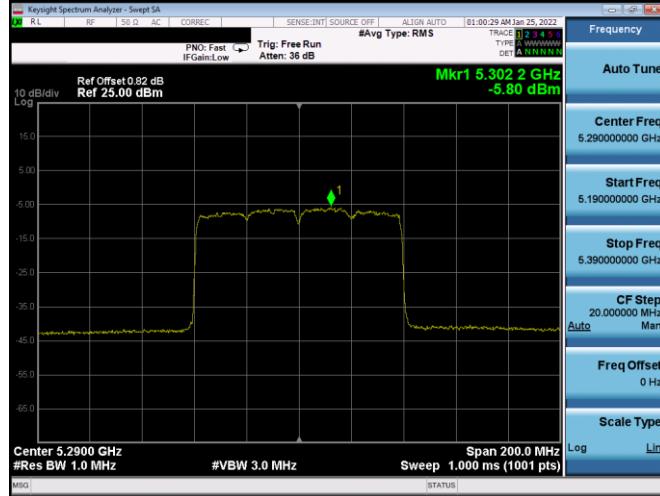
Plot 7-757. PSD CDD Diversity Antenna 2B (40MHz BW 802.11ax(SU) – Ch. 54, MCS5)



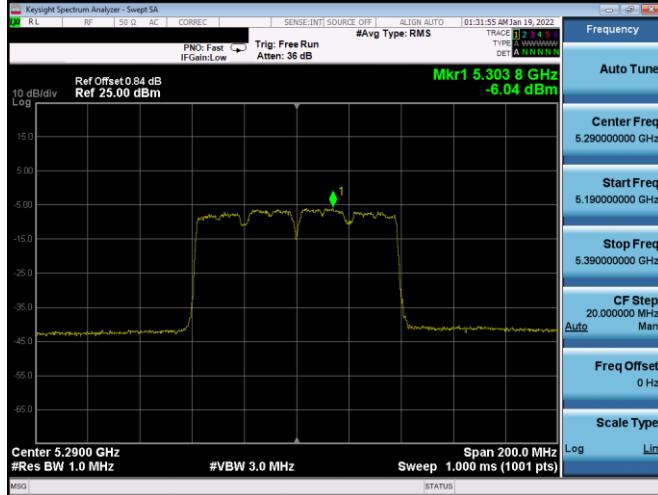
Plot 7-760. PSD CDD Diversity Antenna 3A (80MHz BW 802.11ac – Ch. 58, MCS5)



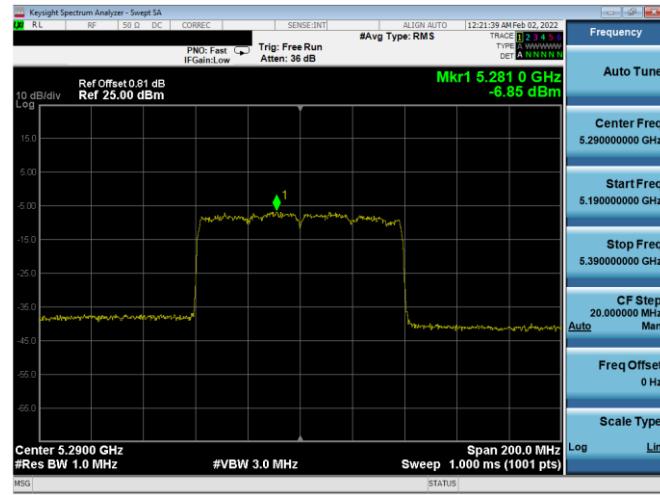
Plot 7-758. PSD CDD Diversity Antenna 3A (40MHz BW 802.11ax(SU) – Ch. 54, MCS5)



Plot 7-761. PSD CDD Diversity Antenna 2B (80MHz BW 802.11ax(SU) – Ch. 58, MCS5)

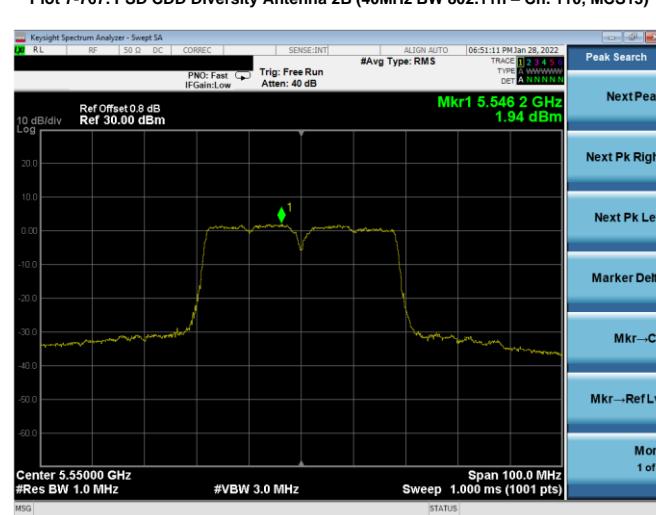
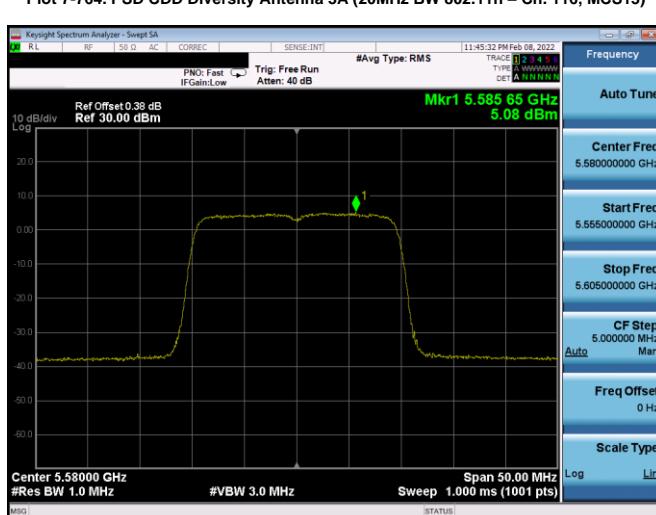
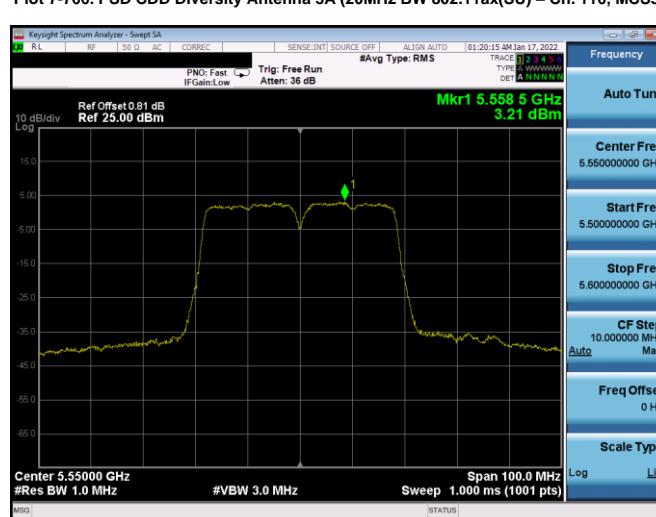
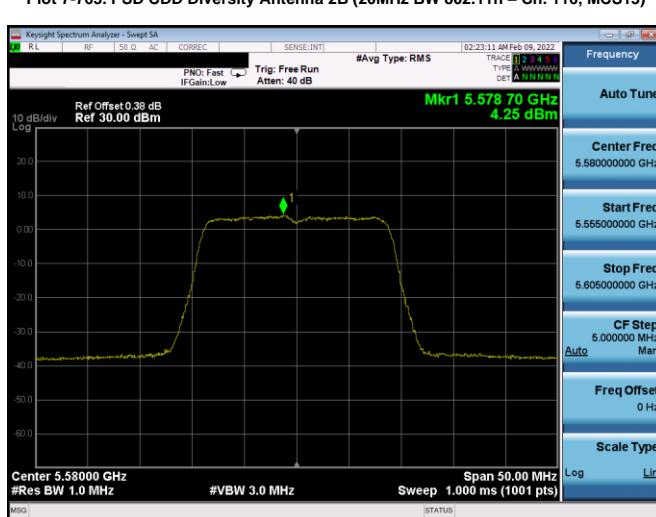
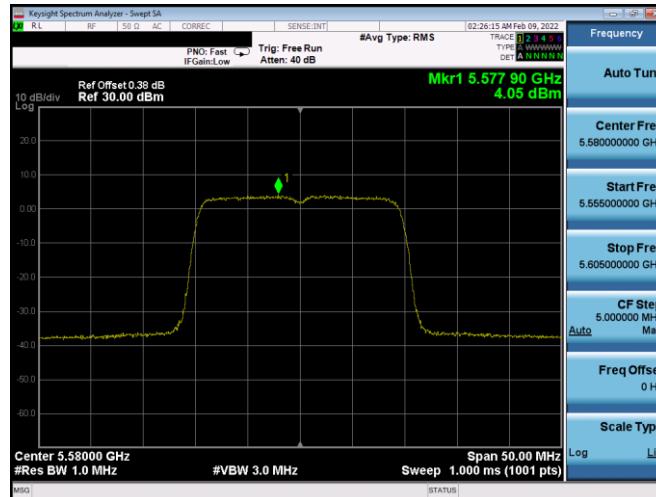
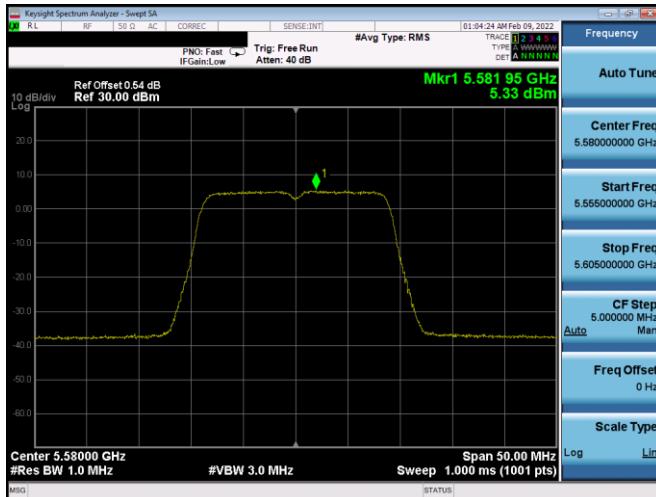


Plot 7-759. PSD CDD Diversity Antenna 2B (80MHz BW 802.11ac – Ch. 58, MCS5)



Plot 7-762. PSD CDD Diversity Antenna 3A (80MHz BW 802.11ax(SU) – Ch. 58, MCS5)

FCC ID: BCGA2589	 PCTEST[®] Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-14.BCG	Test Dates: 12/02/2021 - 02/10/2022	EUT Type: Tablet Device	Page 238 of 564

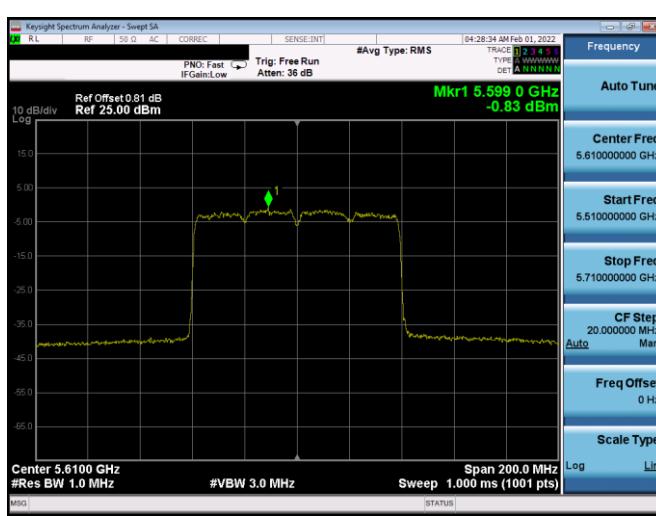
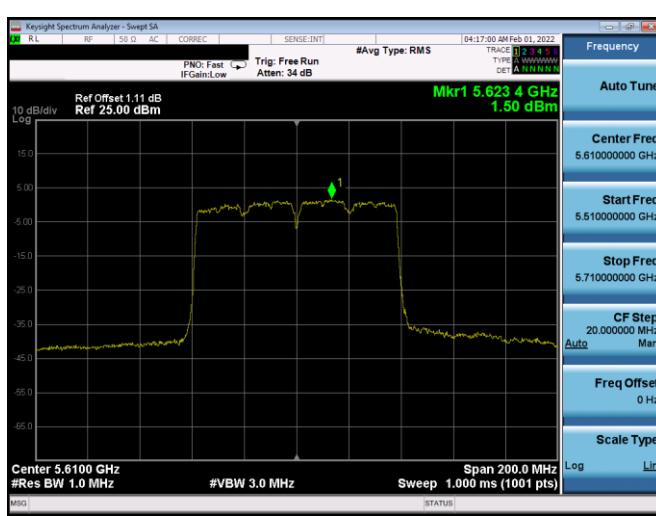
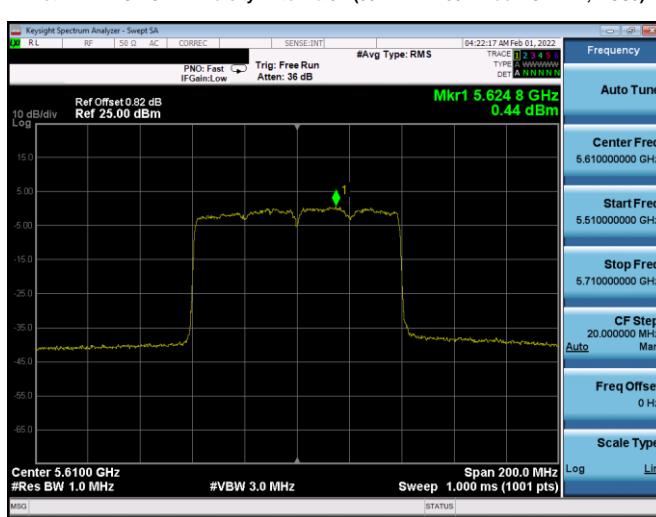
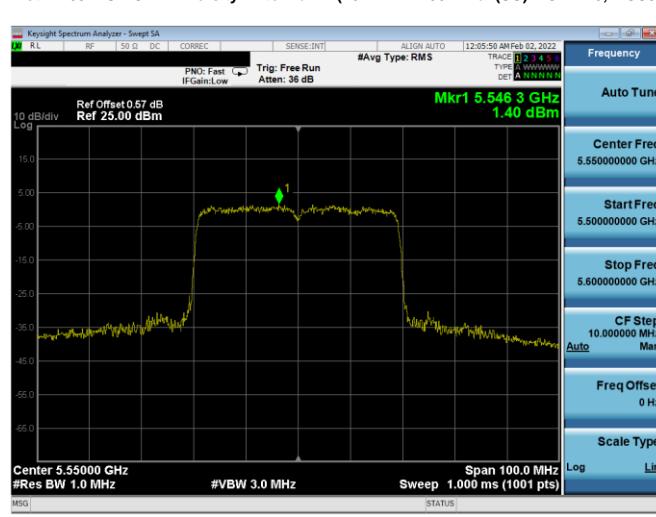
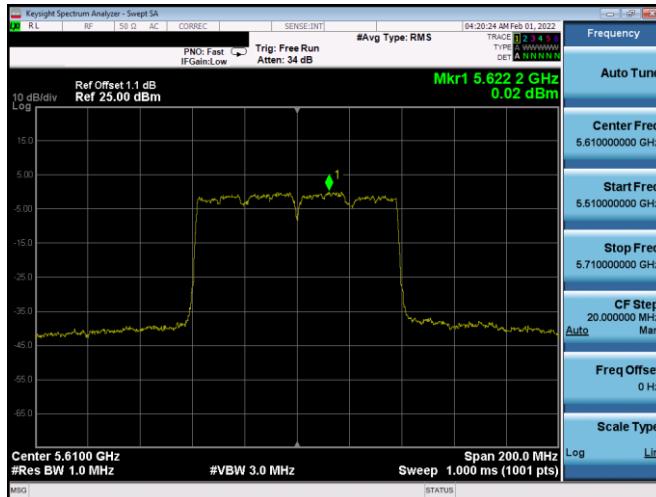
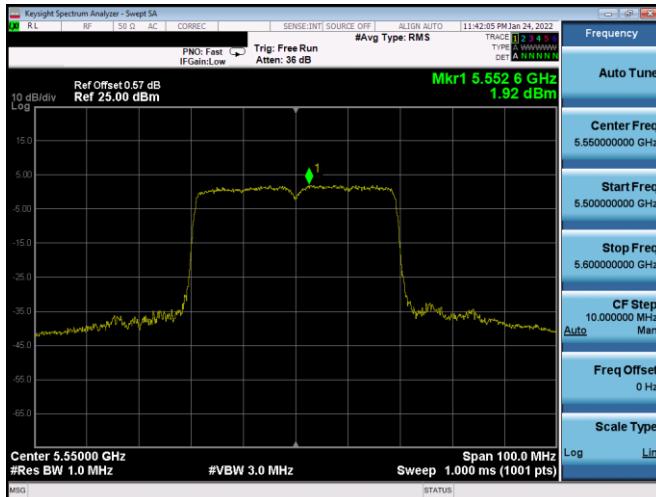


FCC ID: BCGA2589	IC: 579C-A2589
Test Report S/N: 1C2111150079-14.BCG	Test Dates: 12/02/2021 - 02/10/2022



MEASUREMENT REPORT
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FCC ID: BCGA2589	IC: 579C-A2589
Test Report S/N: 1C2111150079-14.BCG	Test Dates: 12/02/2021 - 02/10/2022



MEASUREMENT REPORT
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Approved by:
Technical Manager

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	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Antenna 2B Power Density [dBm/500kHz]	Antenna 3A Power Density [dBm/500kHz]	Summed Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	CDD	13/14.4 (MCS8)	5.31	4.37	7.88	30.0	-22.12
	5785	157	n (20MHz)	CDD	13/14.4 (MCS8)	5.09	4.63	7.87	30.0	-22.13
	5825	165	n (20MHz)	CDD	13/14.4 (MCS8)	5.32	4.43	7.91	30.0	-22.09
	5745	149	ax (SU) (20MHz)	CDD	16/17.2 (MCS0)	5.02	3.66	7.40	30.0	-22.60
	5785	157	ax (SU) (20MHz)	CDD	16/17.2 (MCS0)	4.67	3.49	7.13	30.0	-22.87
	5825	165	ax (SU) (20MHz)	CDD	16/17.2 (MCS0)	4.81	3.68	7.29	30.0	-22.71
	5755	151	n (40MHz)	CDD	27/30 (MCS8)	2.67	1.84	5.28	30.0	-24.72
	5795	159	n (40MHz)	CDD	27/30 (MCS8)	2.82	2.37	5.61	30.0	-24.39
	5755	151	ax (SU) (40MHz)	CDD	32/34.4 (MCS0)	0.94	-0.18	3.43	30.0	-26.57
	5795	159	ax (SU) (40MHz)	CDD	32/34.4 (MCS0)	1.49	2.74	5.17	30.0	-24.83
	5775	155	ac (80MHz)	CDD	58.5/65 (MCS0)	-1.98	-3.04	0.53	30.0	-29.47
	5775	155	ax (SU) (80MHz)	CDD	68/72.1 (MCS0)	-3.84	-4.72	-1.25	30.0	-31.25

Table 7-197. Band 3 Power Spectral Density Measurements CDD Diversity Antenna (Low Data Rate)

	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Antenna 2B Power Density [dBm/500kHz]	Antenna 3A Power Density [dBm/500kHz]	Summed Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	CDD	52/57.8 (MCS11)	5.83	4.86	8.38	30.0	-21.62
	5785	157	n (20MHz)	CDD	52/57.8 (MCS11)	5.99	4.86	8.47	30.0	-21.53
	5825	165	n (20MHz)	CDD	52/57.8 (MCS11)	5.80	4.34	8.14	30.0	-21.86
	5745	149	ax (SU) (20MHz)	CDD	66/68.8 (MCS3)	5.22	3.98	7.66	30.0	-22.34
	5785	157	ax (SU) (20MHz)	CDD	66/68.8 (MCS3)	5.06	4.37	7.74	30.0	-22.26
	5825	165	ax (SU) (20MHz)	CDD	66/68.8 (MCS3)	5.15	3.73	7.51	30.0	-22.49
	5755	151	n (40MHz)	CDD	108/120 (MCS11)	2.93	3.42	6.19	30.0	-23.81
	5795	159	n (40MHz)	CDD	108/120 (MCS11)	3.17	2.14	5.70	30.0	-24.30
	5755	151	ax (SU) (40MHz)	CDD	130/137.6 (MCS3)	1.19	0.35	3.80	30.0	-26.20
	5795	159	ax (SU) (40MHz)	CDD	130/137.6 (MCS3)	1.84	0.37	4.17	30.0	-25.83
	5775	155	ac (80MHz)	CDD	234/260 (MCS3)	-2.00	-3.26	0.43	30.0	-29.57
	5775	155	ax (SU) (80MHz)	CDD	272/288.2 (MCS3)	-3.40	-4.79	-1.03	30.0	-31.03

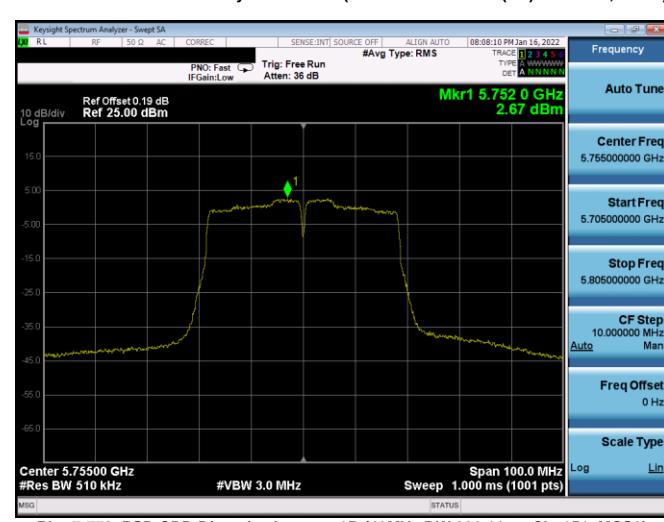
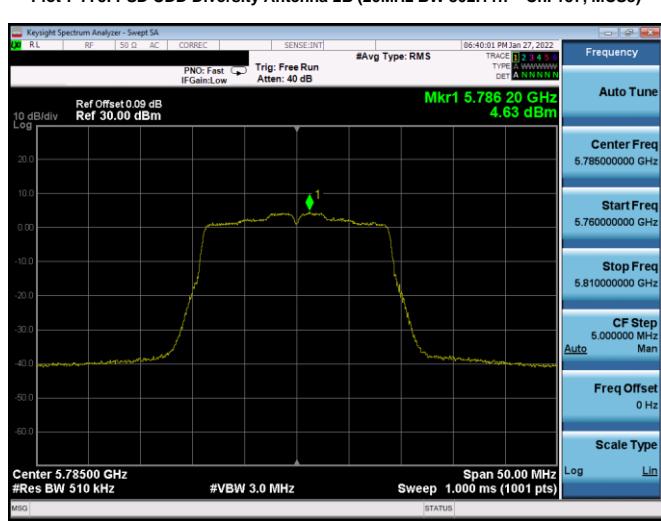
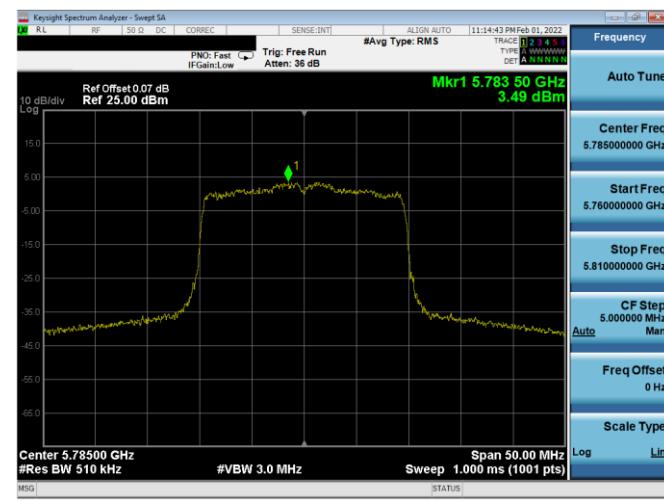
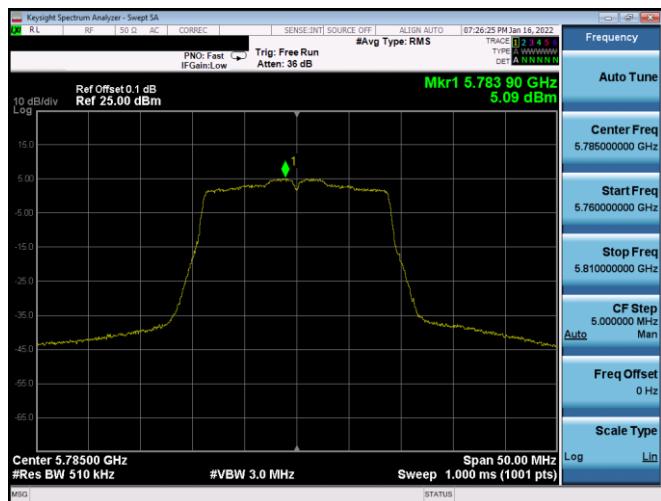
Table 7-198. Band 3 Power Spectral Density Measurements CDD Diversity Antenna (Mid Data Rate)

	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Antenna 2B Power Density [dBm/500kHz]	Antenna 3A Power Density [dBm/500kHz]	Summed Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	CDD	104/115.6 (MCS13)	6.62	5.15	8.96	30.0	-21.04
	5785	157	n (20MHz)	CDD	104/115.6 (MCS13)	6.49	5.17	8.89	30.0	-21.11
	5825	165	n (20MHz)	CDD	104/115.6 (MCS13)	6.45	5.43	8.98	30.0	-21.02
	5745	149	ax (SU) (20MHz)	CDD	130/137.6 (MCS5)	6.29	4.89	8.66	30.0	-21.34
	5785	157	ax (SU) (20MHz)	CDD	130/137.6 (MCS5)	6.04	5.15	8.63	30.0	-21.37
	5825	165	ax (SU) (20MHz)	CDD	130/137.6 (MCS5)	6.08	4.99	8.57	30.0	-21.43
	5755	151	n (40MHz)	CDD	216/240 (MCS13)	1.78	1.13	4.48	30.0	-25.52
	5795	159	n (40MHz)	CDD	216/240 (MCS13)	1.77	0.81	4.32	30.0	-25.68
	5755	151	ax (SU) (40MHz)	CDD	260/275.3 (MCS5)	1.16	-0.27	3.52	30.0	-26.48
	5795	159	ax (SU) (40MHz)	CDD	260/275.3 (MCS5)	1.32	-0.15	3.66	30.0	-26.34
	5775	155	ac (80MHz)	CDD	468/520 (MCS5)	-4.13	-5.29	-1.66	30.0	-31.66
	5775	155	ax (SU) (80MHz)	CDD	574/576.5 (MCS5)	-3.97	-5.20	-1.53	30.0	-31.53

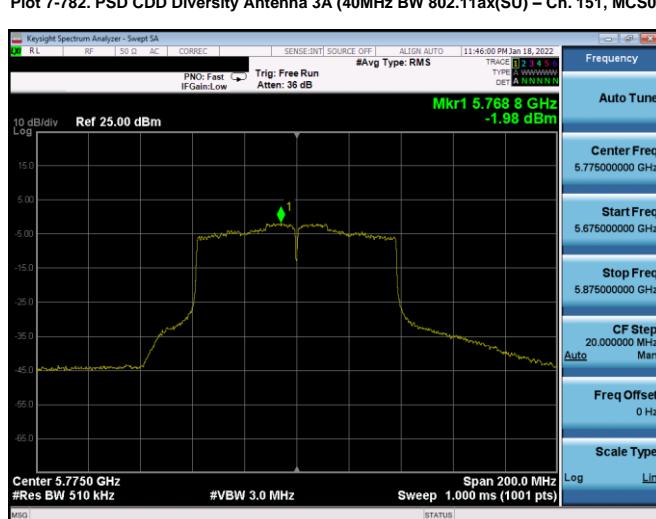
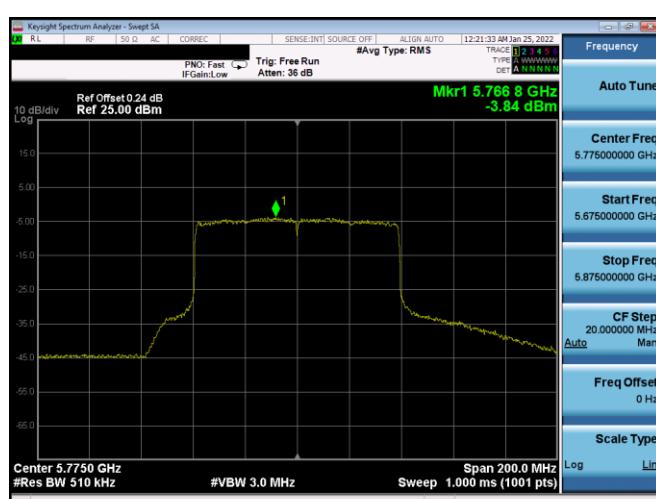
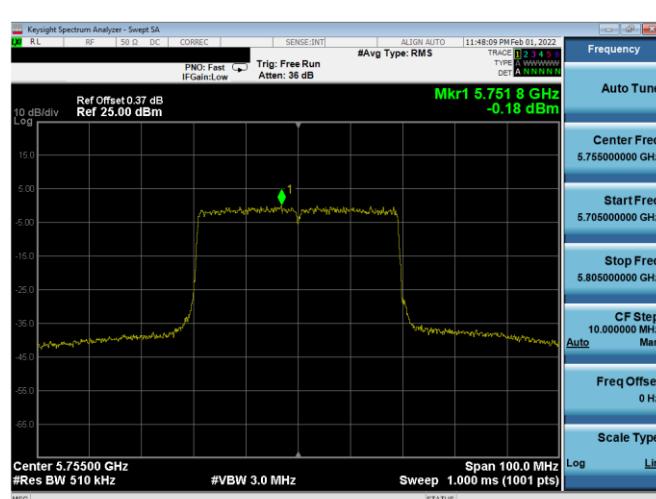
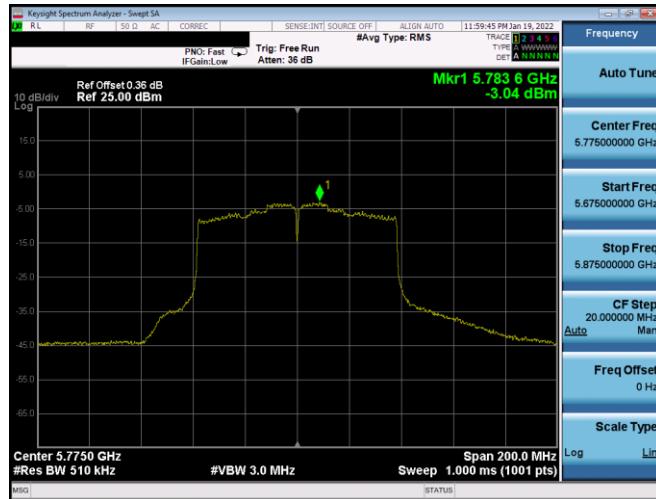
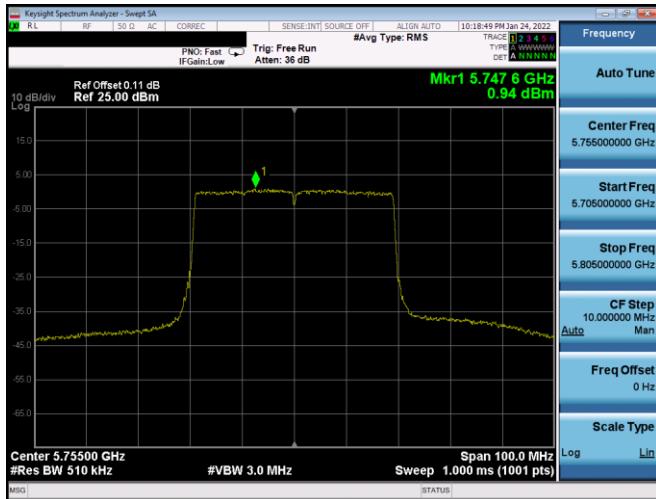
Table 7-199. Band 3 Power Spectral Density Measurements CDD Diversity Antenna (High Data Rate)

FCC ID: BCGA2589 IC: 579C-A2589	 PCTEST [®] Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-14.BCG	Test Dates: 12/02/2021 - 02/10/2022	EUT Type: Tablet Device	Page 241 of 564

Low Data Rate

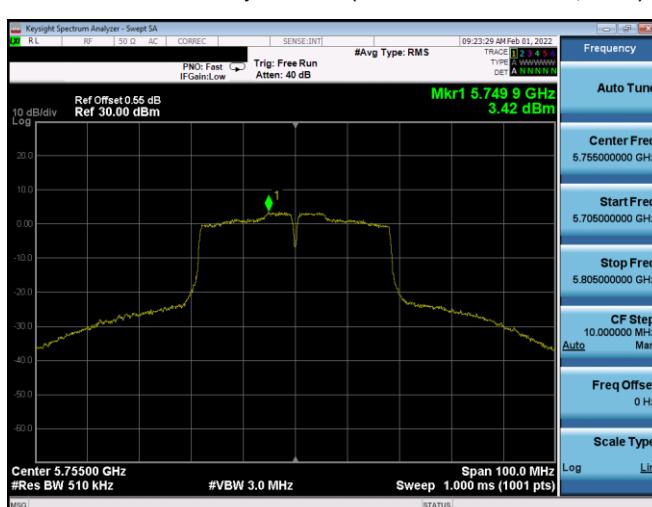
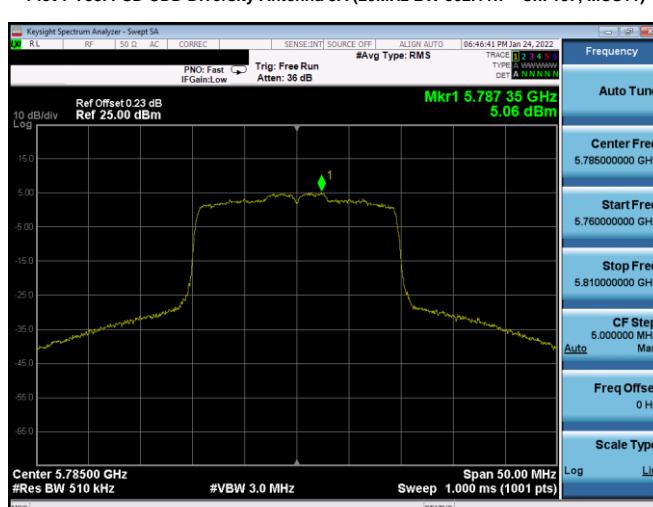
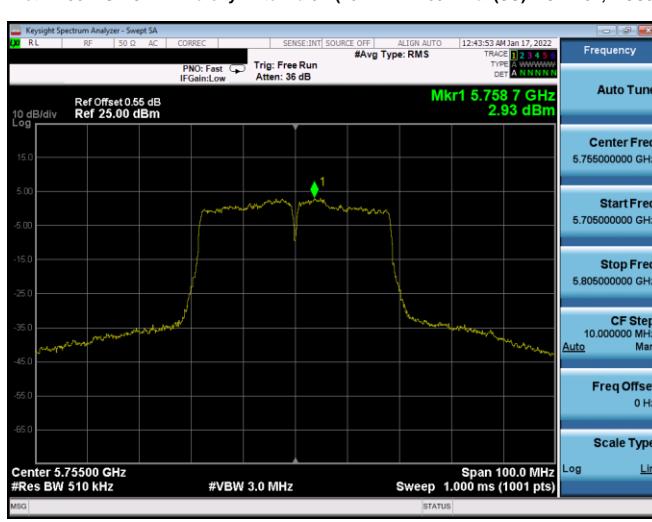
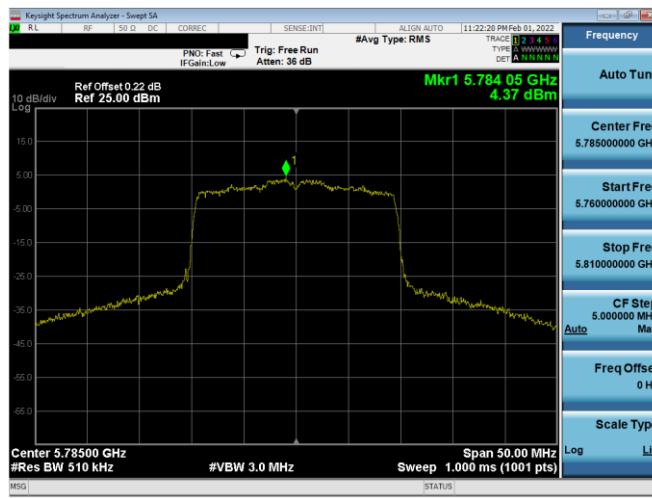
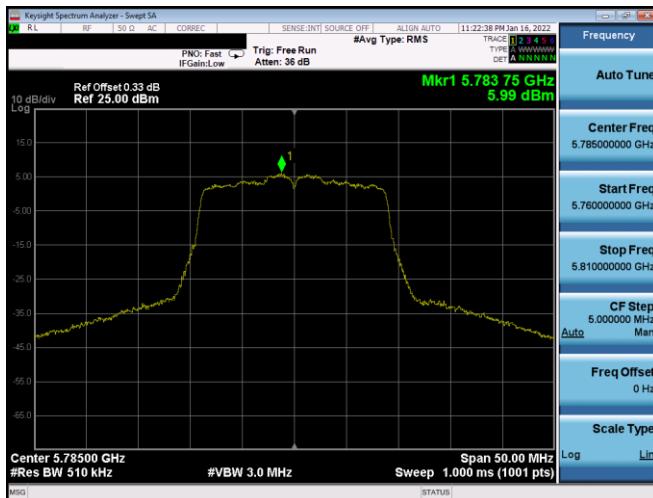


FCC ID: BCGA2589 IC: 579C-A2589	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-14.BCG	Test Dates: 12/02/2021 - 02/10/2022	EUT Type: Tablet Device	Page 242 of 564

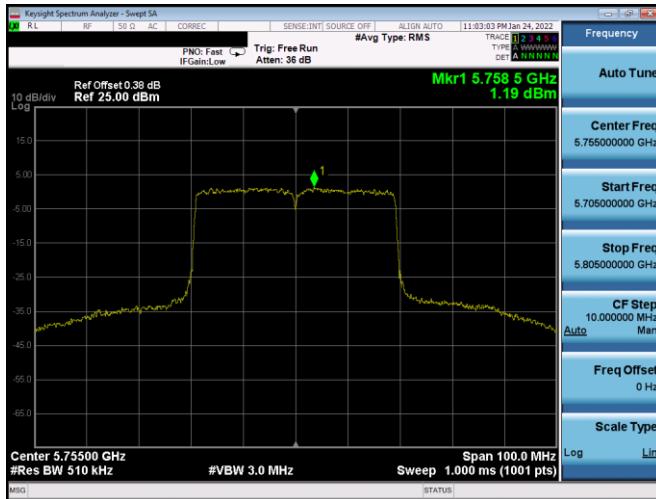


FCC ID: BCGA2589 IC: 579C-A2589	 PCTEST [®] Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-14.BCG	Test Dates: 12/02/2021 - 02/10/2022	EUT Type: Tablet Device	Page 243 of 564

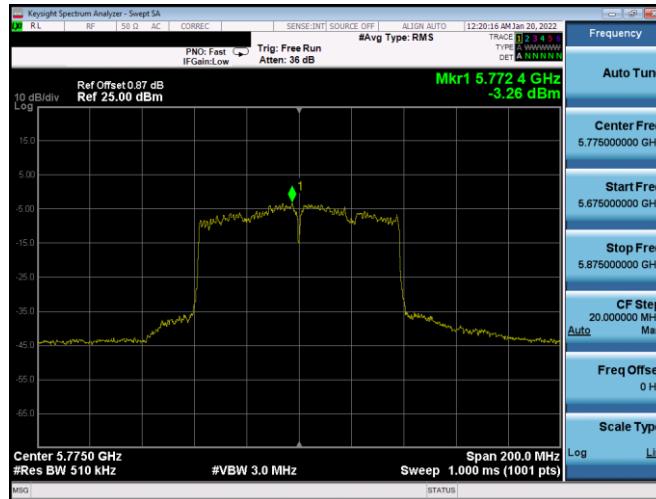
Mid Data Rate



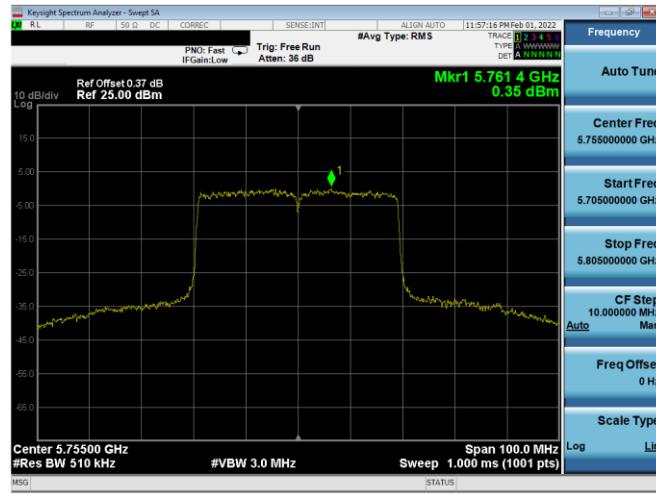
FCC ID: BCGA2589 IC: 579C-A2589	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-14.BCG	Test Dates: 12/02/2021 - 02/10/2022	EUT Type: Tablet Device	Page 244 of 564



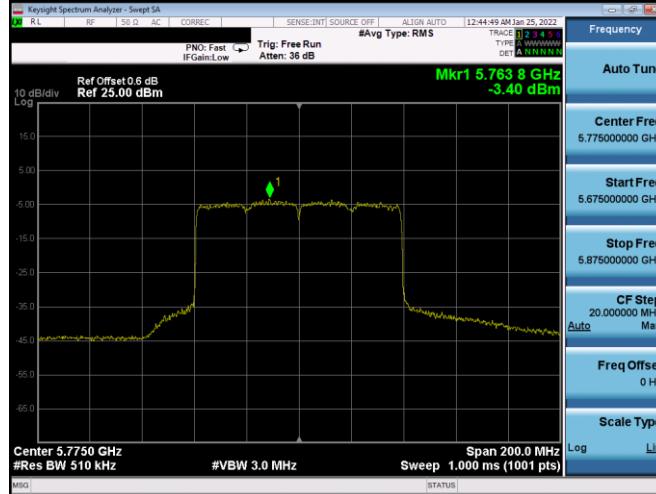
Plot 7-793. PSD CDD Diversity Antenna 2B (40MHz BW 802.11ax(SU) – Ch. 151, MCS3)



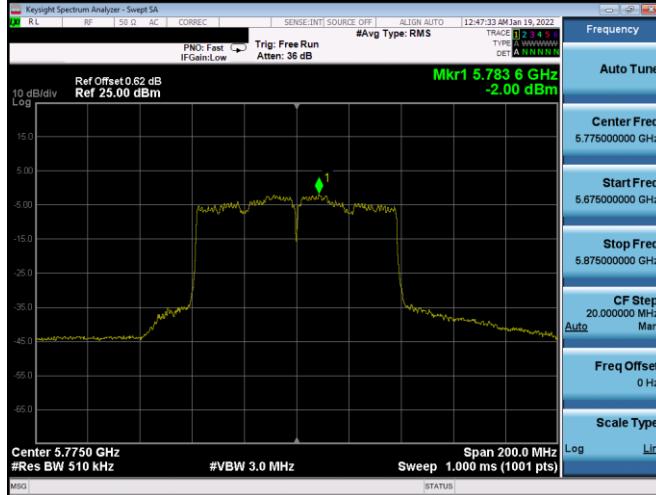
Plot 7-796. PSD CDD Diversity Antenna 3A (80MHz BW 802.11ac – Ch. 155, MCS3)



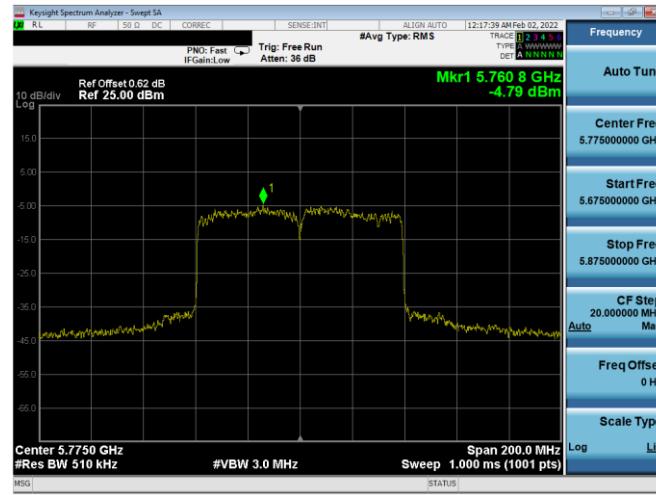
Plot 7-794. PSD CDD Diversity Antenna 3A (40MHz BW 802.11ax(SU) – Ch. 151, MCS3)



Plot 7-797. PSD CDD Diversity Antenna 2B (80MHz BW 802.11ax(SU) – Ch. 155, MCS3)



Plot 7-795. PSD CDD Diversity Antenna 2B (80MHz BW 802.11ac – Ch. 155, MCS3)



Plot 7-798. PSD CDD Diversity Antenna 3A (80MHz BW 802.11ax(SU) – Ch. 155, MCS3)

FCC ID: BCGA2589 IC: 579C-A2589	 PCTEST [®] Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-14.BCG	Test Dates: 12/02/2021 - 02/10/2022	EUT Type: Tablet Device	Page 245 of 564