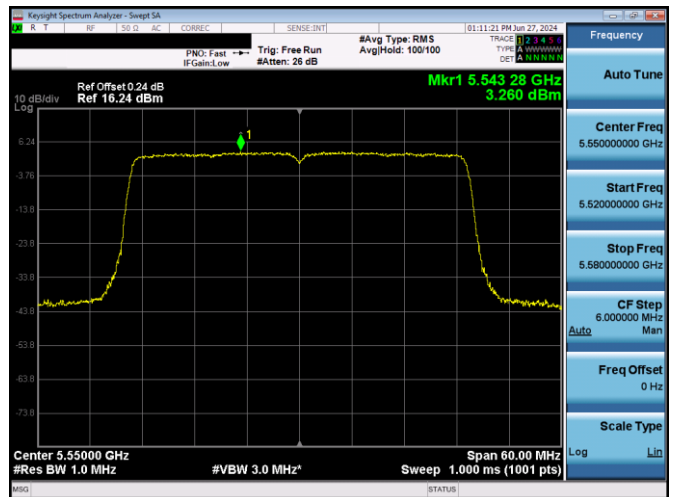
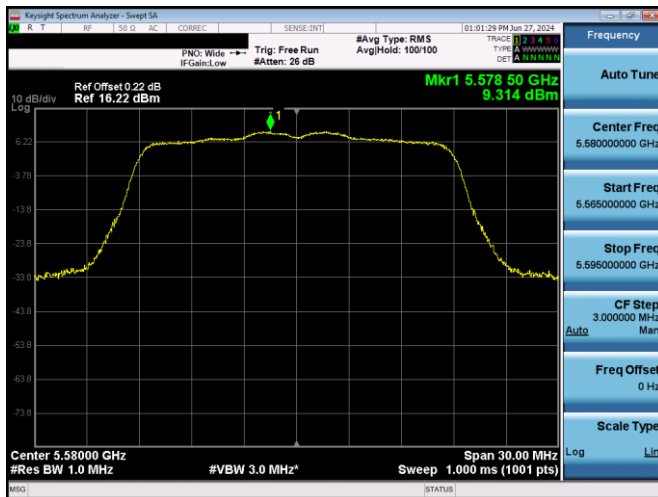
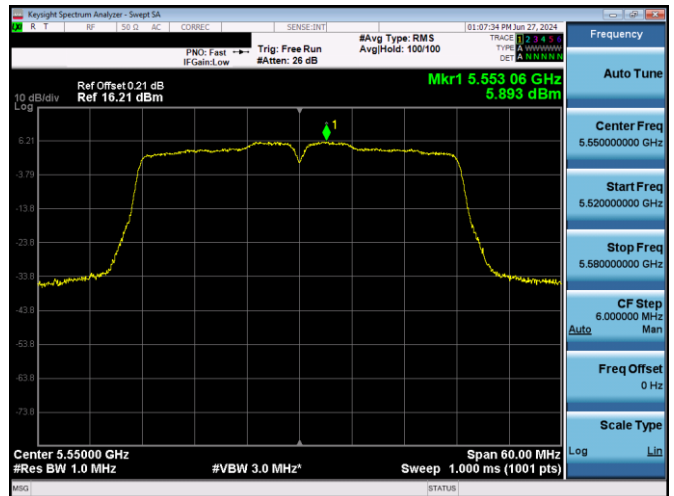
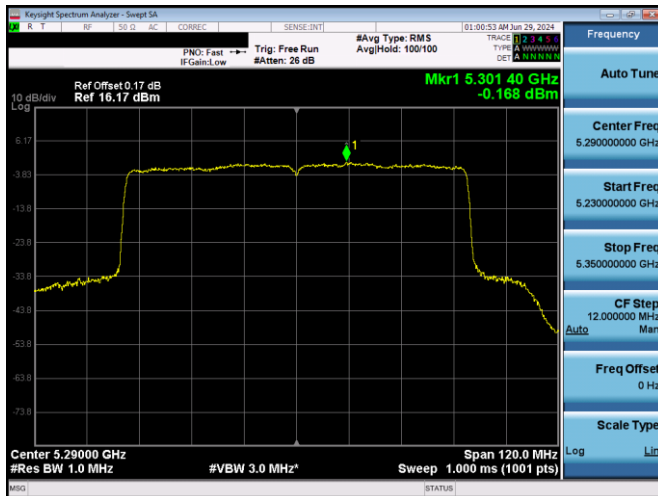
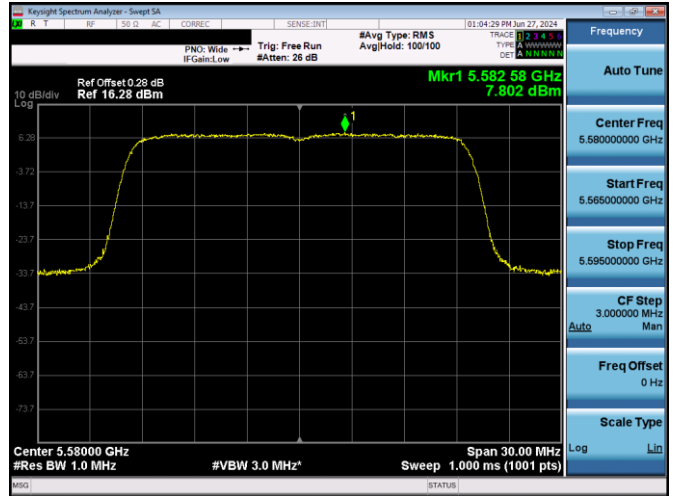
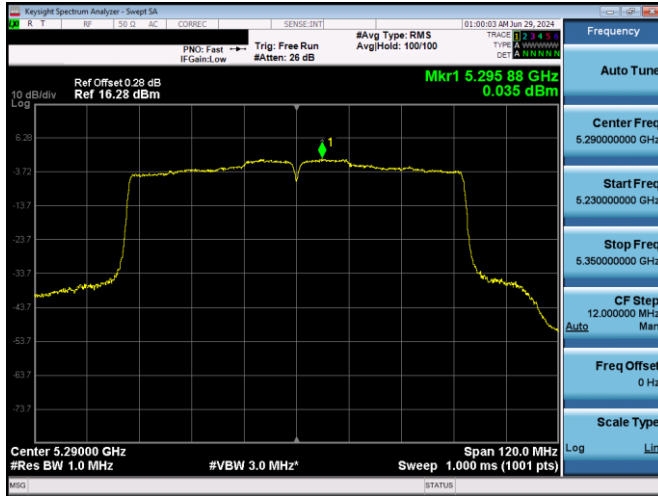
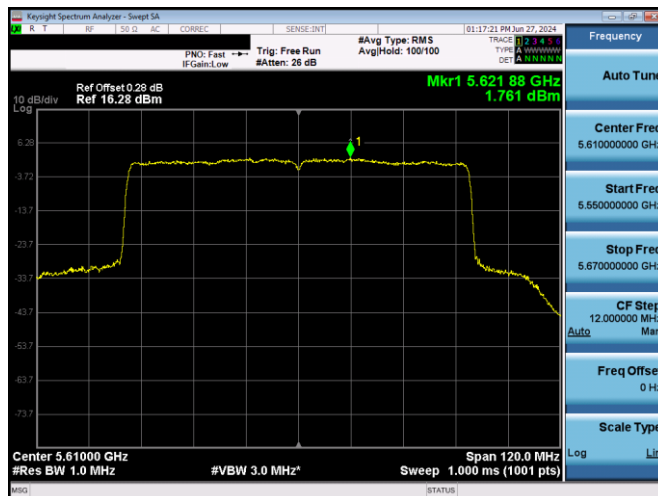
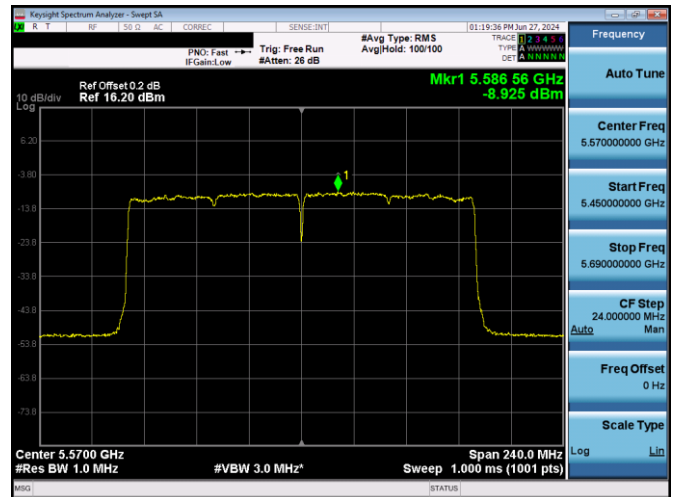
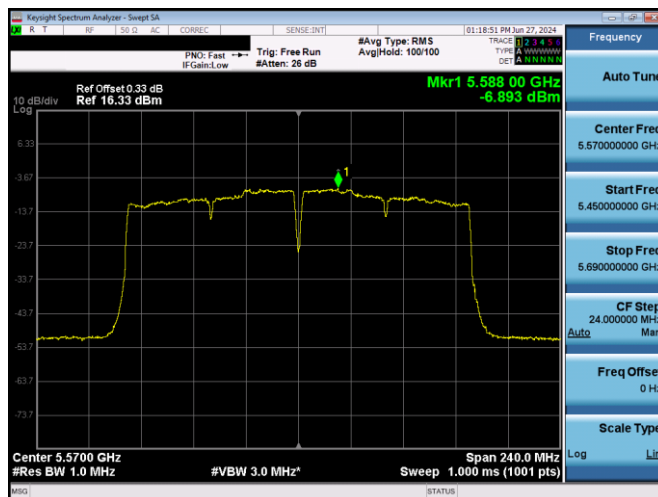




FCC ID: BCGA2993 IC: 579C-A2993	 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager	
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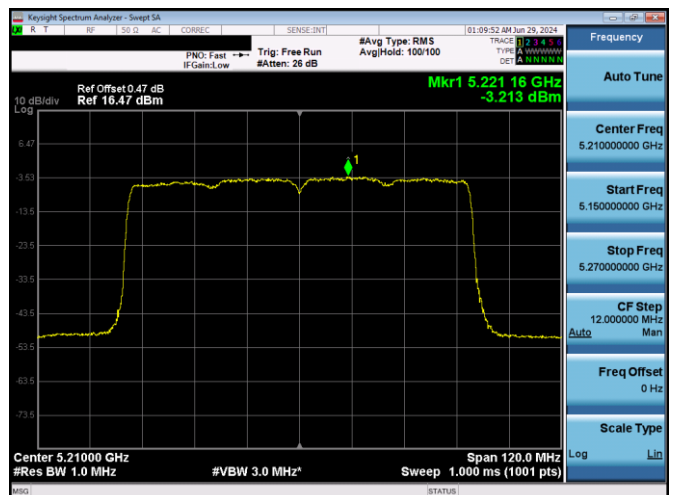
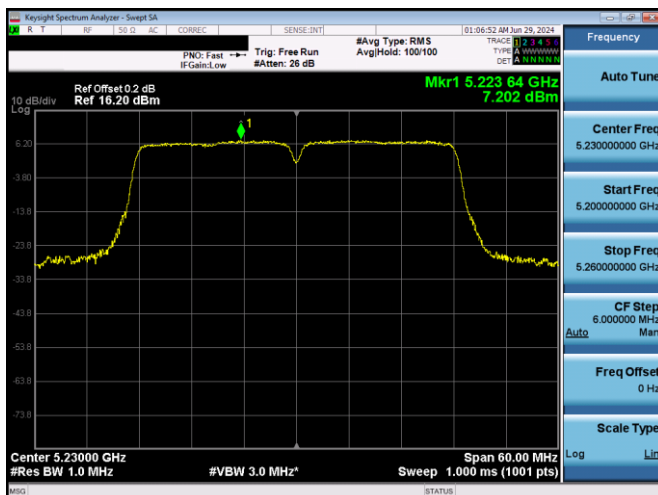
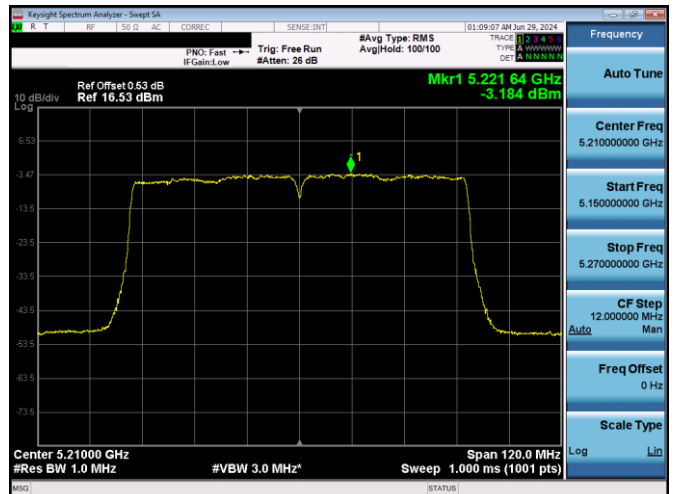
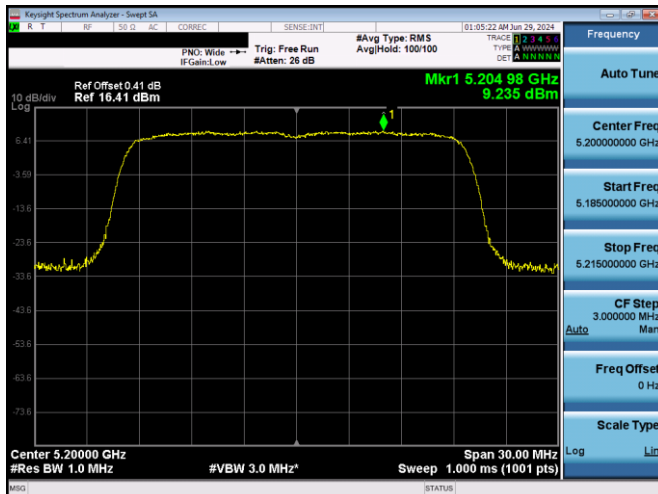
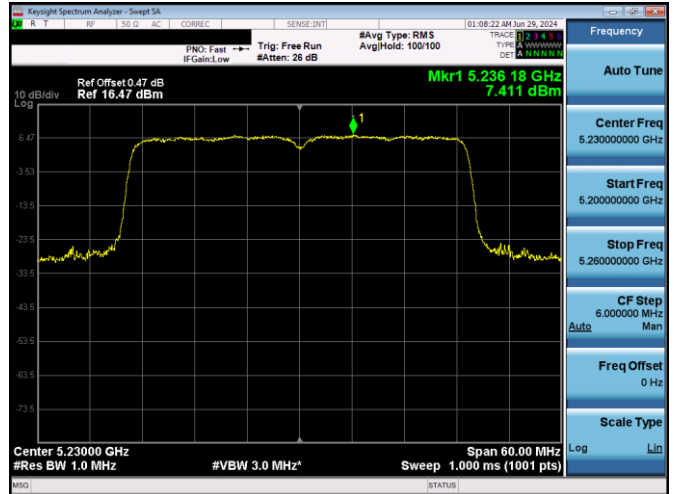
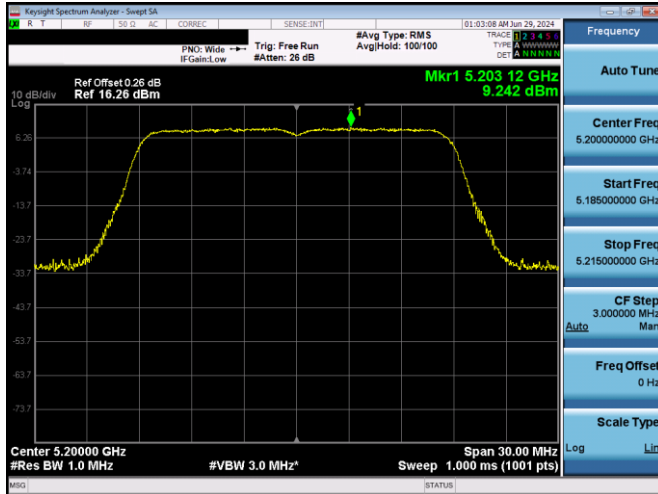


Plot 7-210. PSD Antenna WF5T (80MHz BW 802.11ax(SU) – Ch. 122, MCS4)

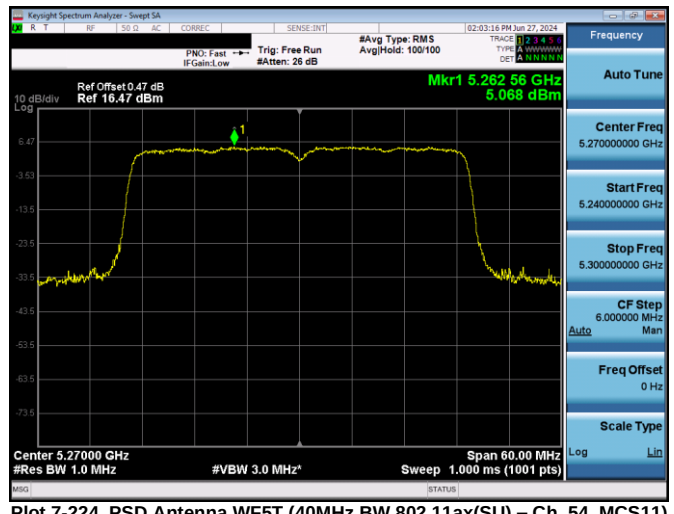
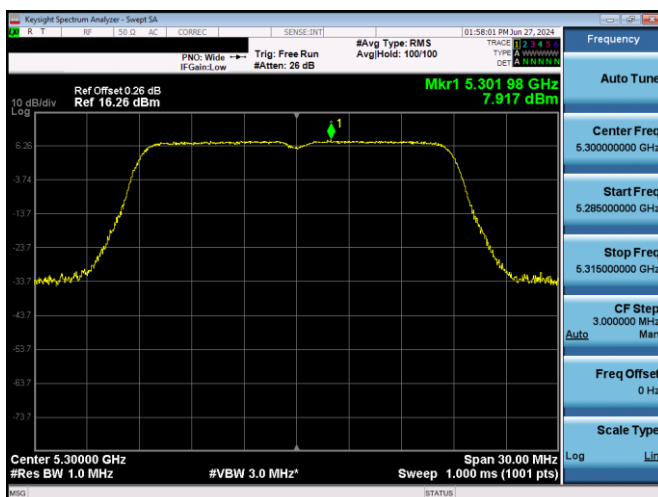
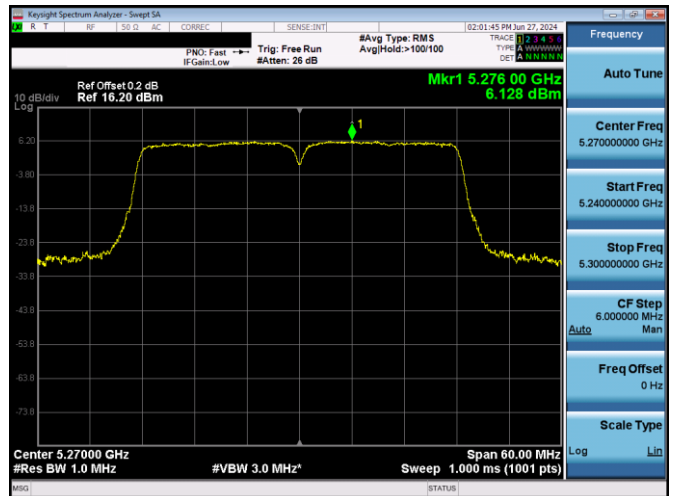
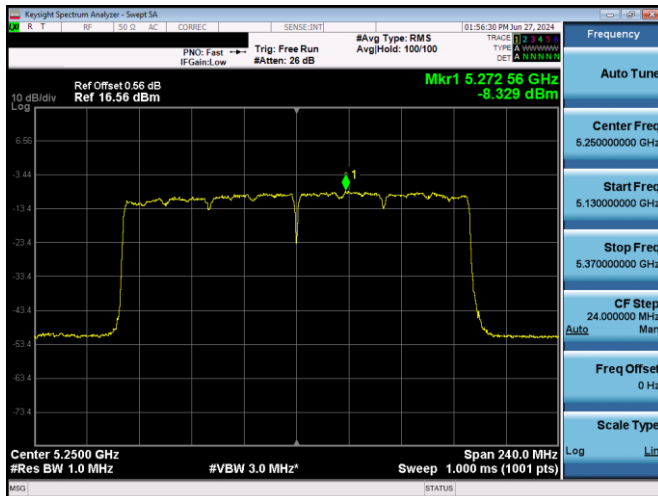
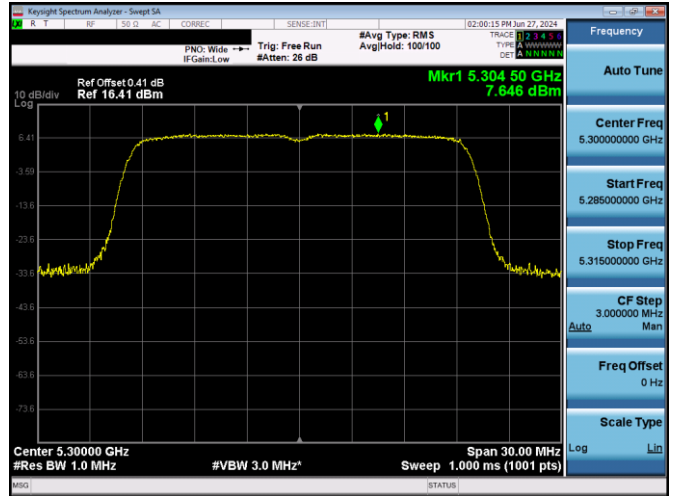
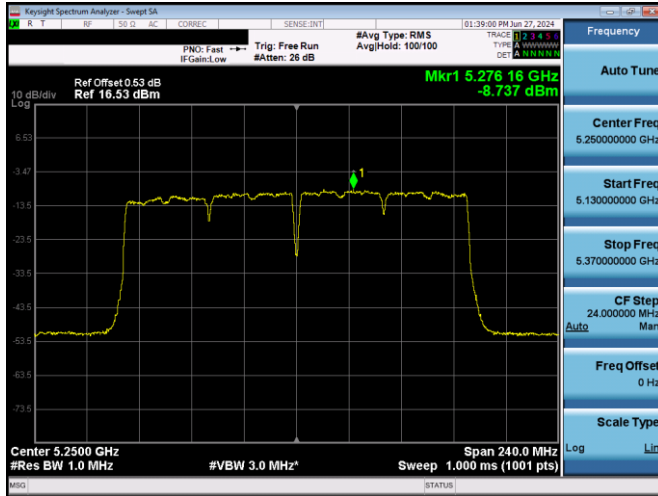


Plot 7-211. PSD Antenna WF5T (160MHz BW 802.11ac – Ch. 114, MCS4)

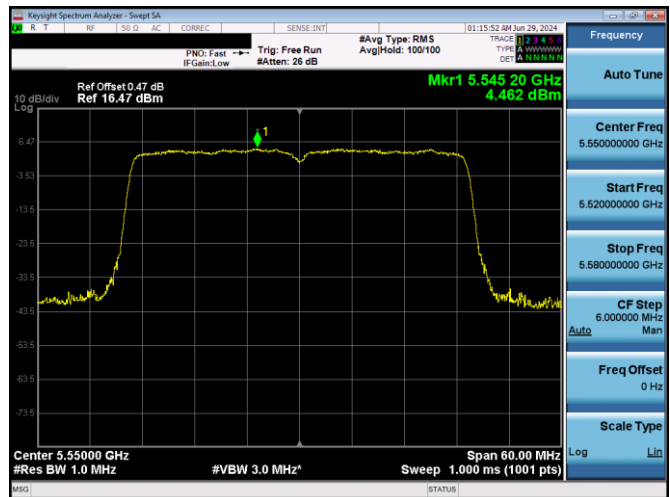
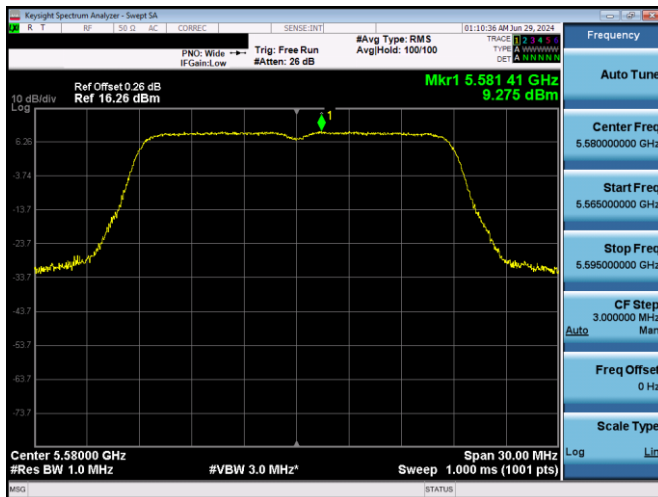
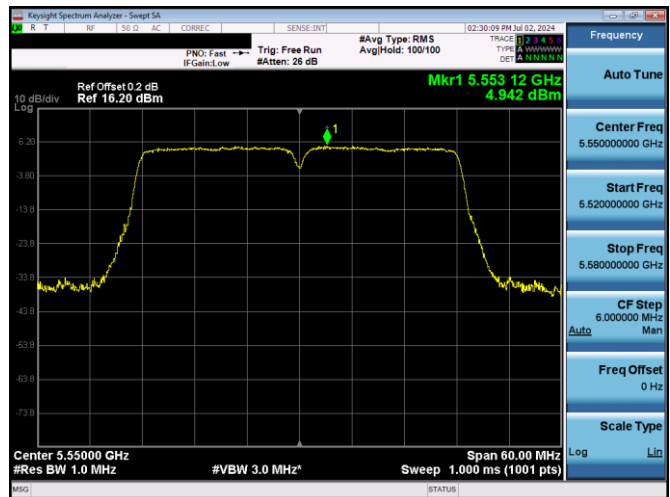
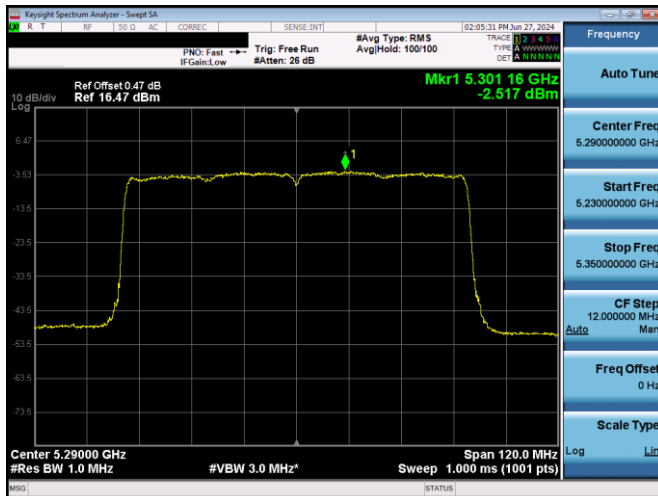
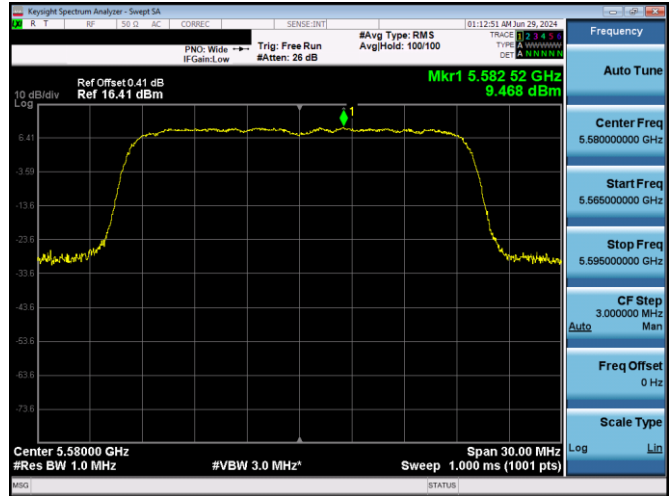
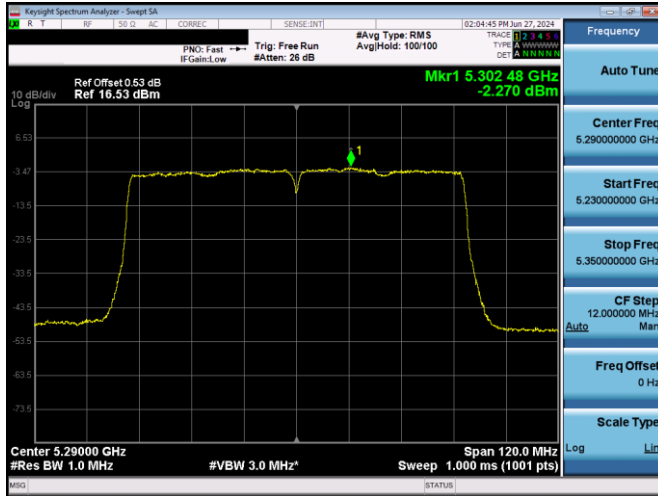
FCC ID: BCGA2993 IC: 579C-A2993	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-11.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 107 of 380



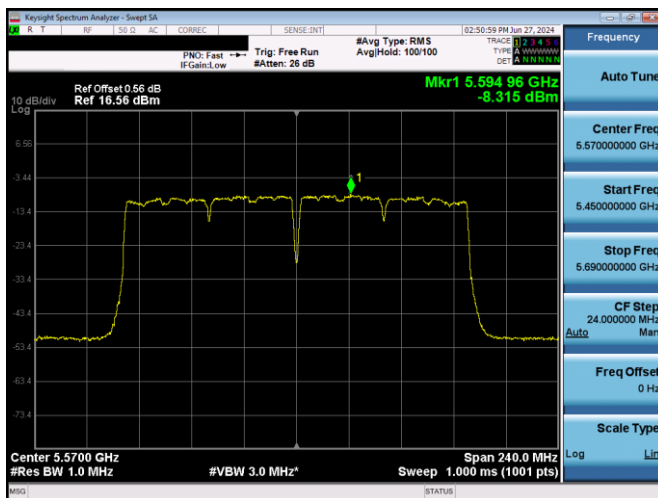
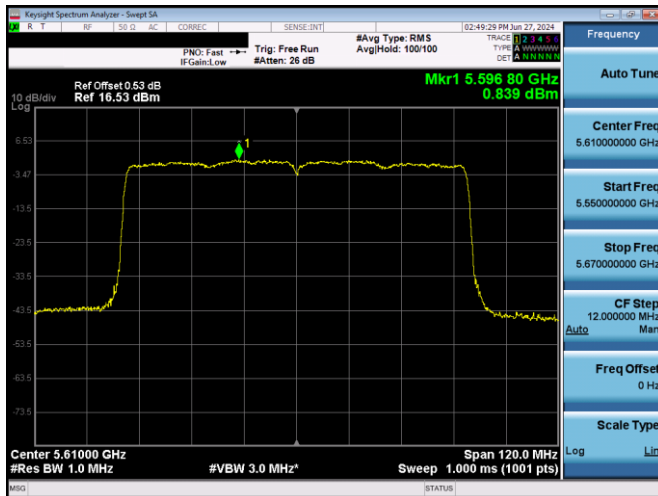
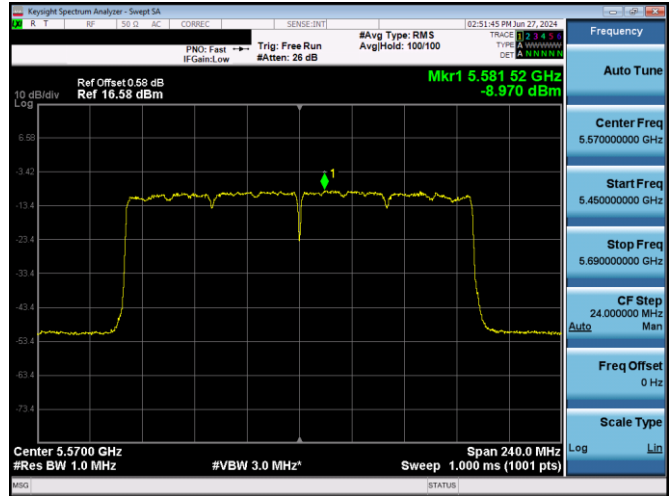
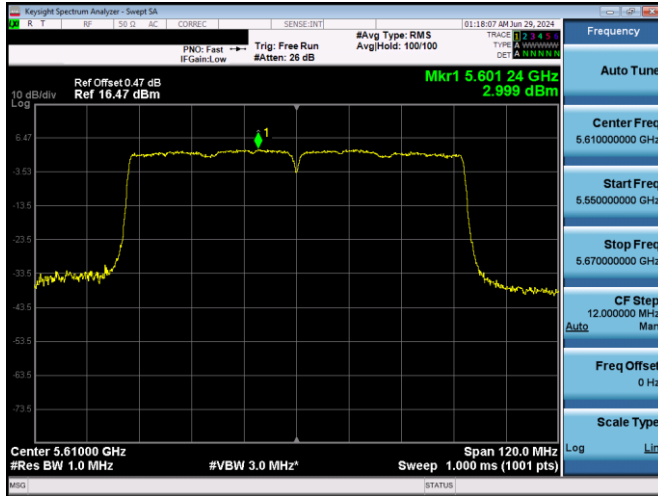
FCC ID: BCGA2993 IC: 579C-A2993	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2405200017-11.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 108 of 380



FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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FCC ID: BCGA2993 IC: 579C-A2993	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-11.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 111 of 380

	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)	8.15	30.0	-21.85
	5785	157	n (20MHz)	19.5/21.7 (MCS2)	8.05	30.0	-21.95
	5825	165	n (20MHz)	19.5/21.7 (MCS2)	7.91	30.0	-22.09
	5745	149	ax (SU) (20MHz)	24/25.8 (MCS2)	6.41	30.0	-23.59
	5785	157	ax (SU) (20MHz)	24/25.8 (MCS2)	6.86	30.0	-23.14
	5825	165	ax (SU) (20MHz)	24/25.8 (MCS2)	6.54	30.0	-23.46
	5755	151	n (40MHz)	40/40.5 (MCS2)	4.61	30.0	-25.40
	5795	159	n (40MHz)	40/40.5 (MCS2)	5.17	30.0	-24.83
	5755	151	ax (SU) (40MHz)	49/51.6 (MCS2)	3.27	30.0	-26.73
	5795	159	ax (SU) (40MHz)	49/51.6 (MCS2)	3.50	30.0	-26.50
	5775	155	ac (80MHz)	87.8/97.5 (MCS2)	-0.10	30.0	-30.10
	5775	155	ax (SU) (80MHz)	102/108.1 (MCS2)	-2.07	30.0	-32.07

Table 7-119. Band 3 Power Spectral Density Measurements Antenna WF5T (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)	8.36	30.0	-21.65
	5785	157	n (20MHz)	39/43.3 (MCS4)	8.38	30.0	-21.62
	5825	165	n (20MHz)	39/43.3 (MCS4)	8.04	30.0	-21.96
	5745	149	ax (SU) (20MHz)	49/51.6 (MCS4)	6.59	30.0	-23.41
	5785	157	ax (SU) (20MHz)	49/51.6 (MCS4)	6.35	30.0	-23.65
	5825	165	ax (SU) (20MHz)	49/51.6 (MCS4)	6.37	30.0	-23.63
	5755	151	n (40MHz)	81/90 (MCS4)	4.74	30.0	-25.26
	5795	159	n (40MHz)	81/90 (MCS4)	5.08	30.0	-24.92
	5755	151	ax (SU) (40MHz)	98/103.2 (MCS4)	3.54	30.0	-26.46
	5795	159	ax (SU) (40MHz)	98/103.2 (MCS4)	3.68	30.0	-26.32
	5775	155	ac (80MHz)	175.5/195 (MCS4)	-0.93	30.0	-30.93
	5775	155	ax (SU) (80MHz)	204/216.2 (MCS4)	-2.68	30.0	-32.68

Table 7-120. Band 3 Power Spectral Density Measurements Antenna WF5T (Mid Data Rate)

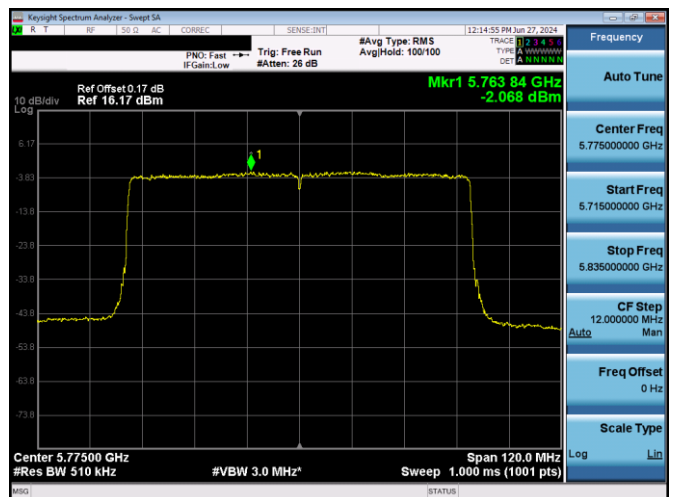
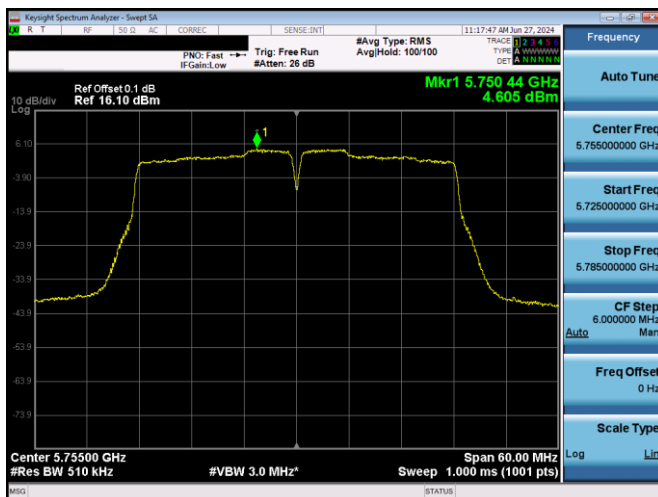
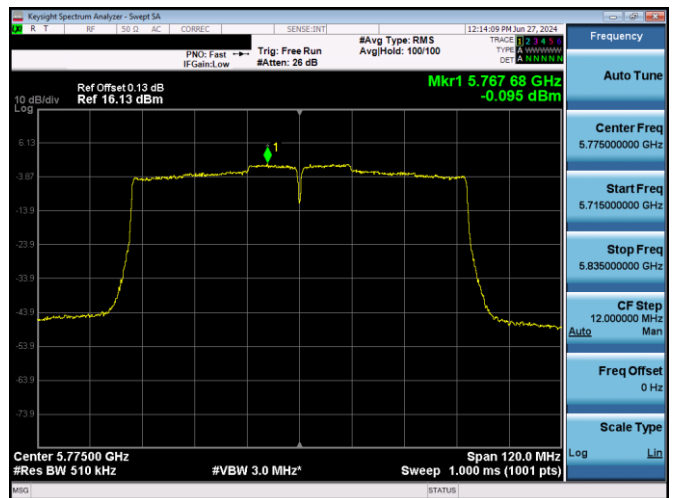
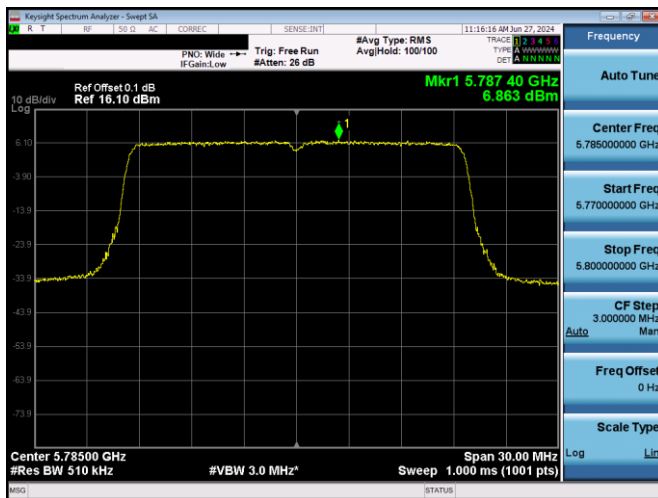
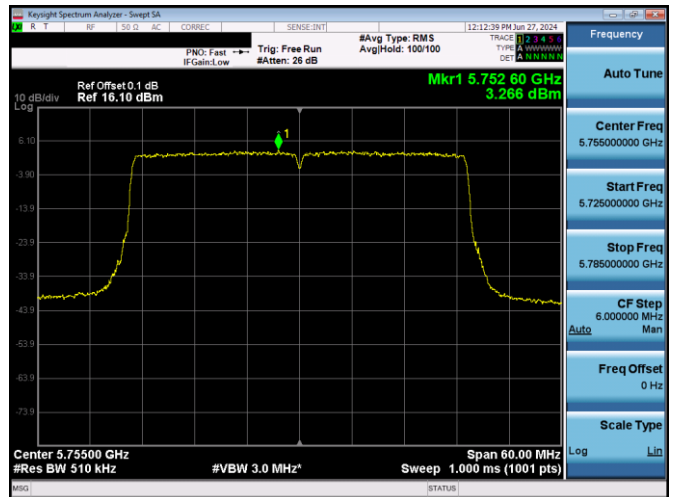
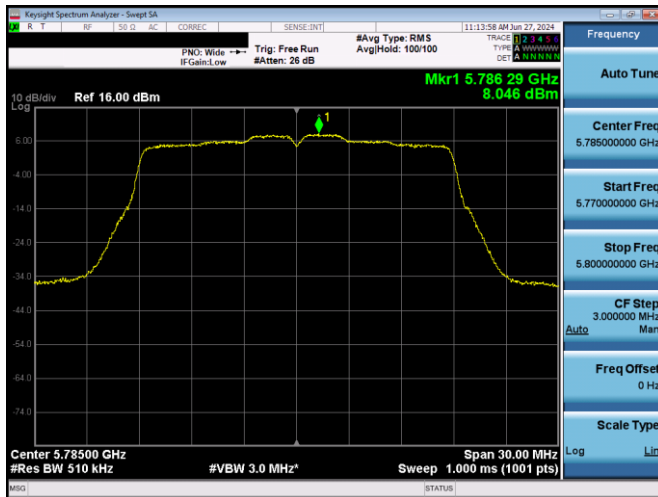
	Frequency [MHz]	Channel	802.11 MODE	Data Rate [Mbps]	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	65/72.2 (MCS7)	7.84	30.0	-22.17
	5785	157	n (20MHz)	65/72.2 (MCS7)	7.63	30.0	-22.37
	5825	165	n (20MHz)	65/72.2 (MCS7)	7.34	30.0	-22.66
	5745	149	ax (SU) (20MHz)	135/143.4 (MCS11)	7.38	30.0	-22.62
	5785	157	ax (SU) (20MHz)	135/143.4 (MCS11)	7.67	30.0	-22.33
	5825	165	ax (SU) (20MHz)	135/143.4 (MCS11)	7.02	30.0	-22.99
	5755	151	n (40MHz)	135/150 (MCS7)	4.43	30.0	-25.57
	5795	159	n (40MHz)	135/150 (MCS7)	4.66	30.0	-25.34
	5755	151	ax (SU) (40MHz)	271/286 (MCS11)	4.89	30.0	-25.11
	5795	159	ax (SU) (40MHz)	271/286 (MCS11)	4.71	30.0	-25.29
	5775	155	ac (80MHz)	390/433.3 (MCS9)	-1.87	30.0	-31.87
	5775	155	ax (SU) (80MHz)	567/600.5 (MCS11)	-2.38	30.0	-32.38

Table 7-121. Band 3 Power Spectral Density Measurements Antenna WF5T (High Data Rate)

FCC ID: BCGA2993 IC: 579C-A2993	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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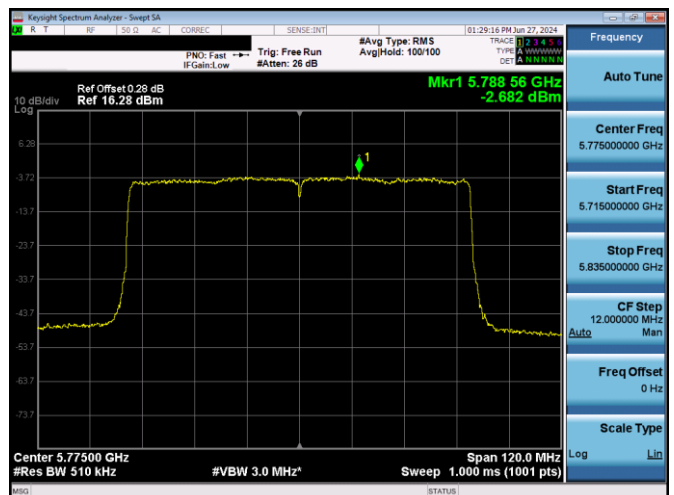
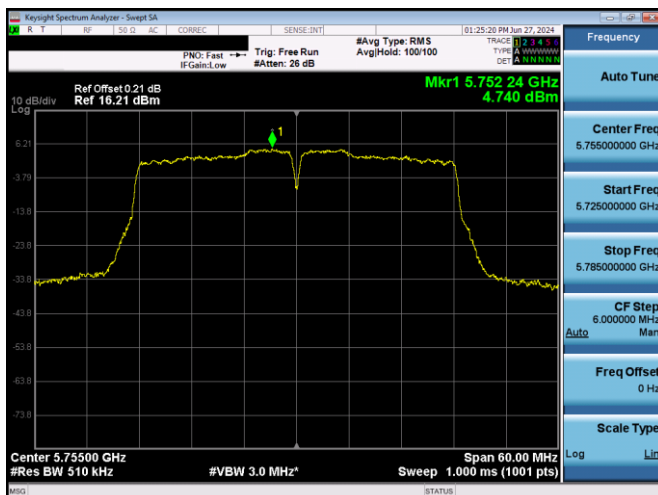
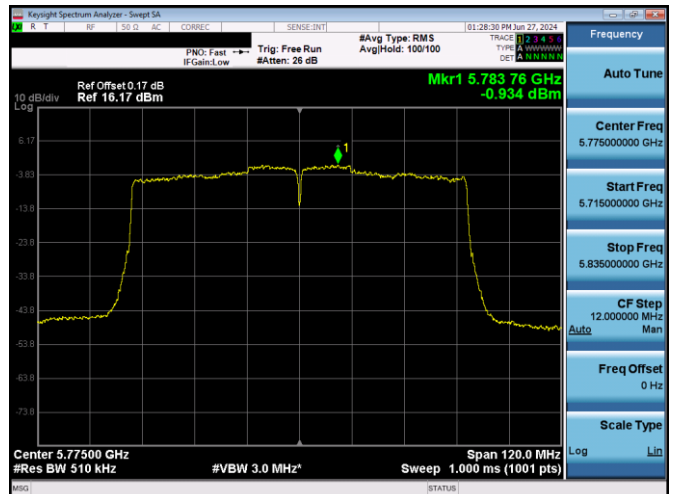
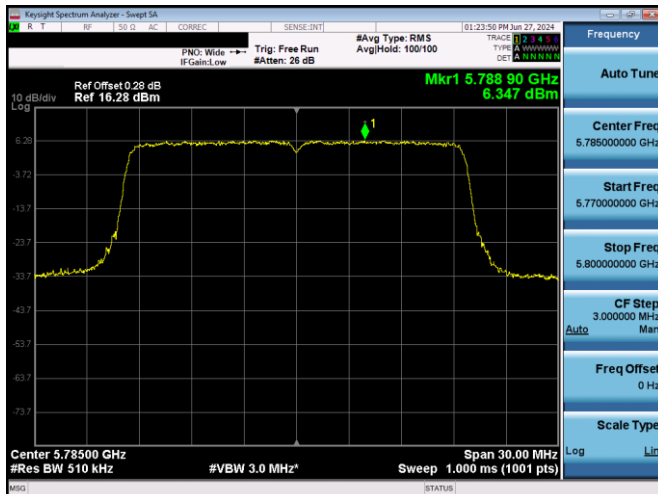
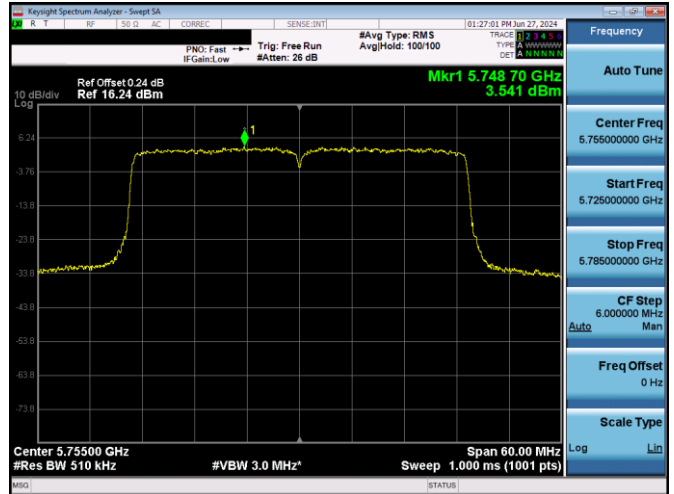
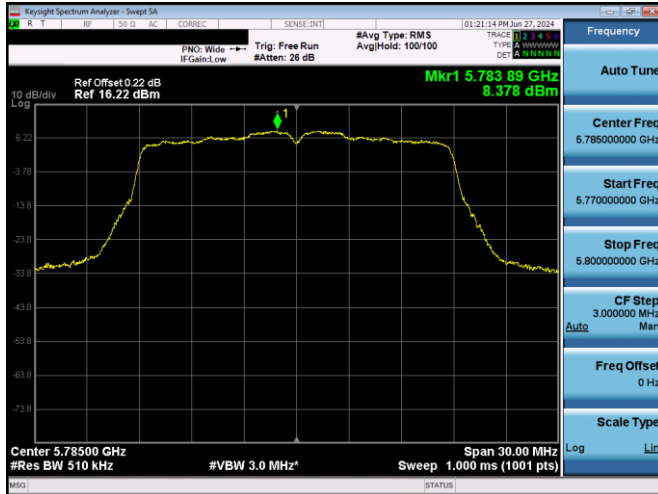
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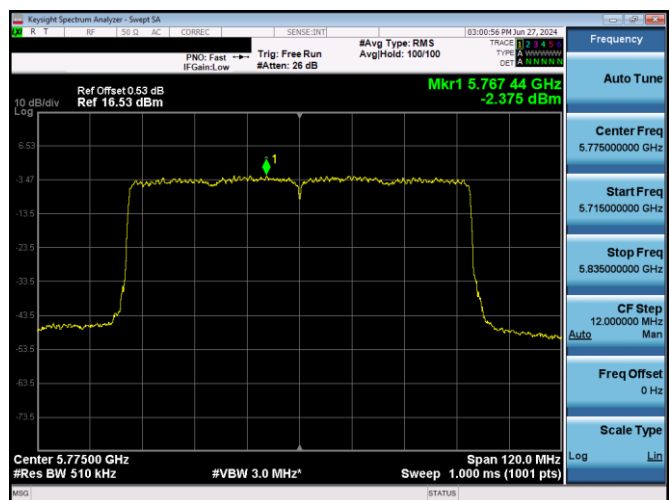
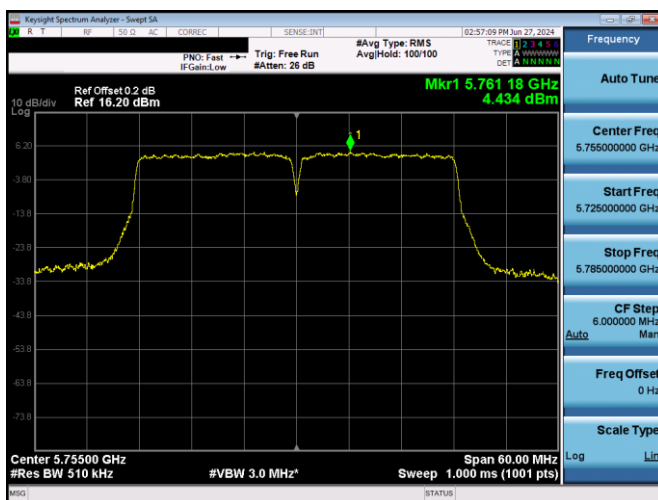
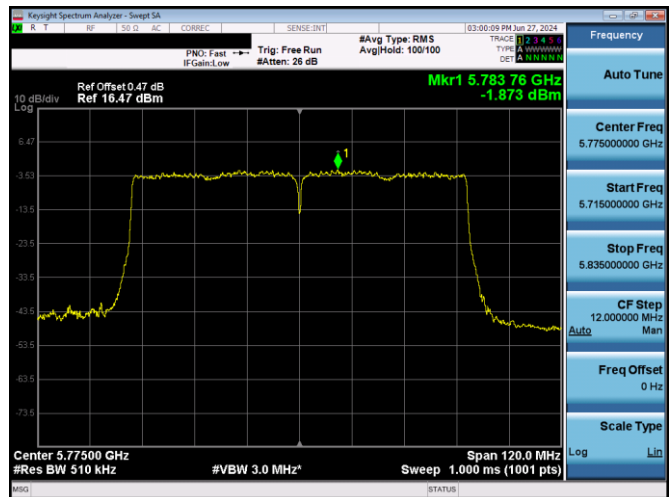
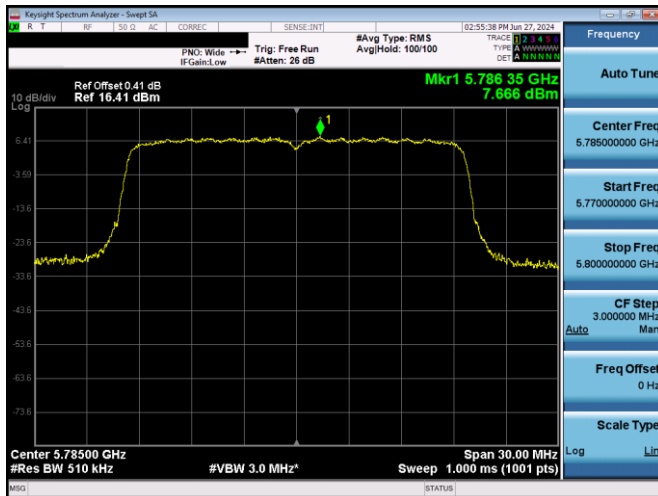
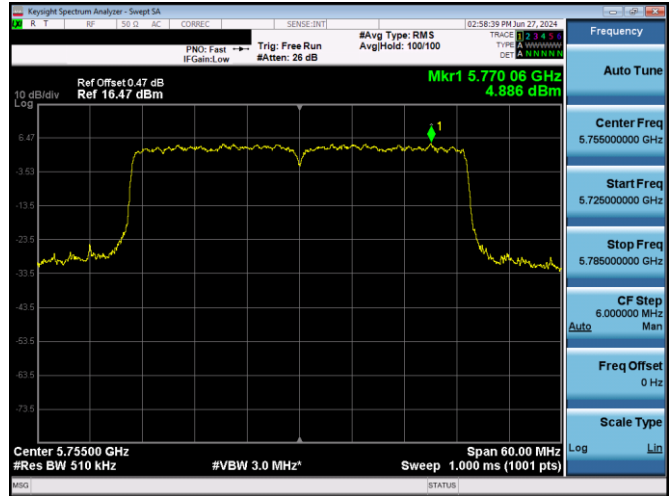
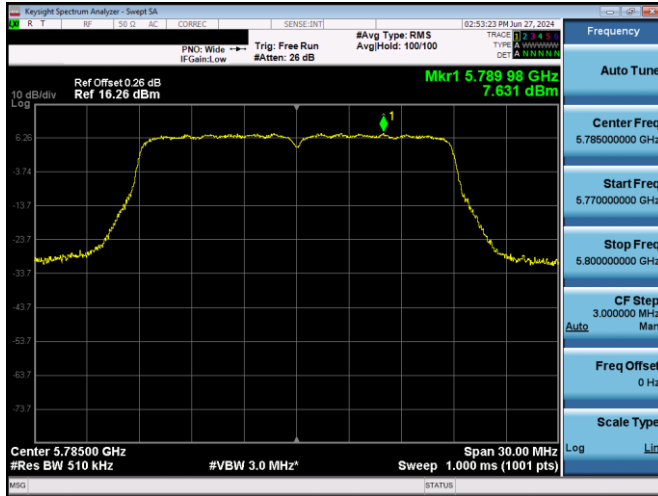
FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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	Frequency [MHz]	Channel No.	802.11 MODE	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	19.5/21.7 (MCS2)	2.08	4.60	6.68	10.0	-3.32
	5200	40	n (20MHz)	19.5/21.7 (MCS2)	2.19	4.60	6.79	10.0	-3.21
	5240	48	n (20MHz)	19.5/21.7 (MCS2)	2.30	4.60	6.90	10.0	-3.10
	5180	36	ax (SU) (20MHz)	24/25.8 (MCS2)	0.22	4.60	4.82	10.0	-5.18
	5200	40	ax (SU) (20MHz)	24/25.8 (MCS2)	0.49	4.60	5.09	10.0	-4.91
	5240	48	ax (SU) (20MHz)	24/25.8 (MCS2)	0.84	4.60	5.44	10.0	-4.56
	5190	38	n (40MHz)	40/40.5 (MCS2)	1.02	4.60	5.62	10.0	-4.38
	5230	46	n (40MHz)	40/40.5 (MCS2)	2.02	4.60	6.62	10.0	-3.38
	5190	38	ax (SU) (40MHz)	49/51.6 (MCS2)	-0.62	4.60	3.98	10.0	-6.02
	5230	46	ax (SU) (40MHz)	49/51.6 (MCS2)	0.16	4.60	4.76	10.0	-5.24
Band 1/2	5210	42	ac (80MHz)	87.8/97.5 (MCS2)	-2.19	4.60	2.41	10.0	-7.59
	5210	42	ax (SU) (80MHz)	102/108.1 (MCS2)	-4.60	4.60	0.00	10.0	-10.00
	5250	50	ac (160MHz)	87.8/97.5 (MCS2)	-6.05	4.80	-1.25	10.0	-11.25
	5250	50	ax (SU) (160MHz)	102/108.1 (MCS2)	-7.15	4.80	-2.35	10.0	-12.35

Table 7-122. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna WF5T (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)	1.91	4.60	6.51	10.0	-3.49
	5200	40	n (20MHz)	39/43.3 (MCS4)	2.20	4.60	6.80	10.0	-3.20
	5240	48	n (20MHz)	39/43.3 (MCS4)	2.44	4.60	7.04	10.0	-2.96
	5180	36	ax (SU) (20MHz)	49/51.6 (MCS4)	0.62	4.60	5.22	10.0	-4.78
	5200	40	ax (SU) (20MHz)	49/51.6 (MCS4)	0.59	4.60	5.19	10.0	-4.81
	5240	48	ax (SU) (20MHz)	49/51.6 (MCS4)	0.79	4.60	5.39	10.0	-4.61
	5190	38	n (40MHz)	81/90 (MCS4)	0.53	4.60	5.13	10.0	-4.88
	5230	46	n (40MHz)	81/90 (MCS4)	1.84	4.60	6.44	10.0	-3.56
	5190	38	ax (SU) (40MHz)	98/103.2 (MCS4)	-1.15	4.60	3.45	10.0	-6.55
	5230	46	ax (SU) (40MHz)	98/103.2 (MCS4)	0.42	4.60	5.02	10.0	-4.98
Band 1/2	5210	42	ac (80MHz)	175.5/195 (MCS4)	-3.00	4.60	1.60	10.0	-8.40
	5210	42	ax (SU) (80MHz)	204/216.2 (MCS4)	-4.63	4.60	-0.03	10.0	-10.03
	5250	50	ac (160MHz)	175.5/195 (MCS4)	-6.65	4.80	-1.85	10.0	-11.85
	5250	50	ax (SU) (160MHz)	204/216.2 (MCS4)	-8.00	4.80	-3.20	10.0	-13.20

Table 7-123. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna WF5T (Mid Data Rate)

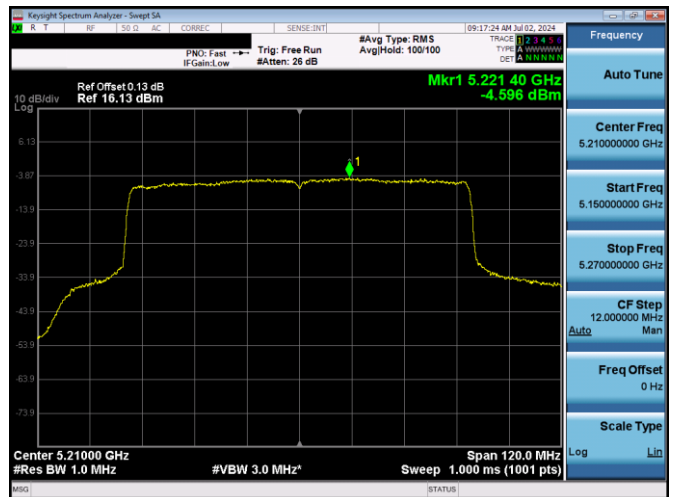
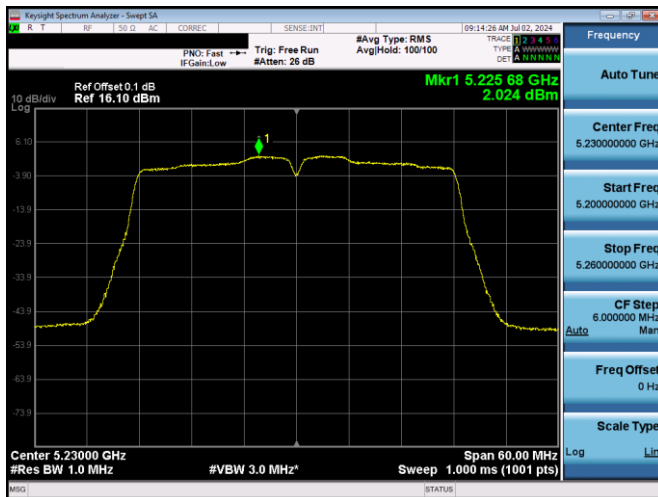
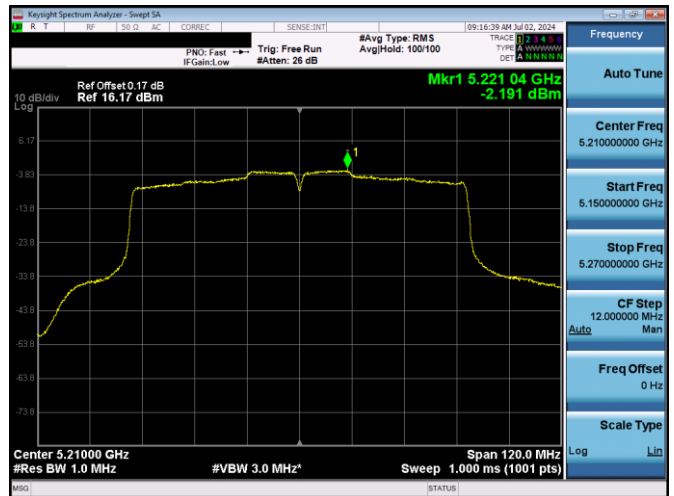
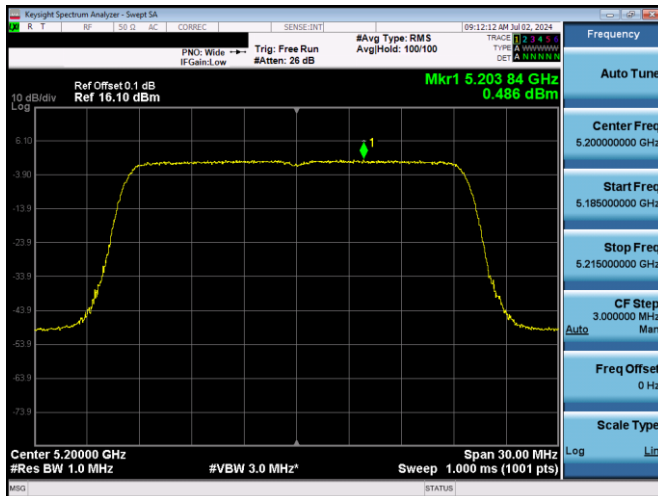
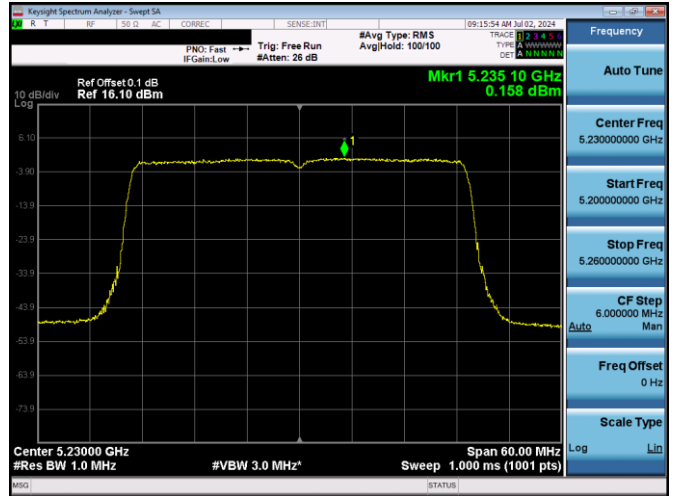
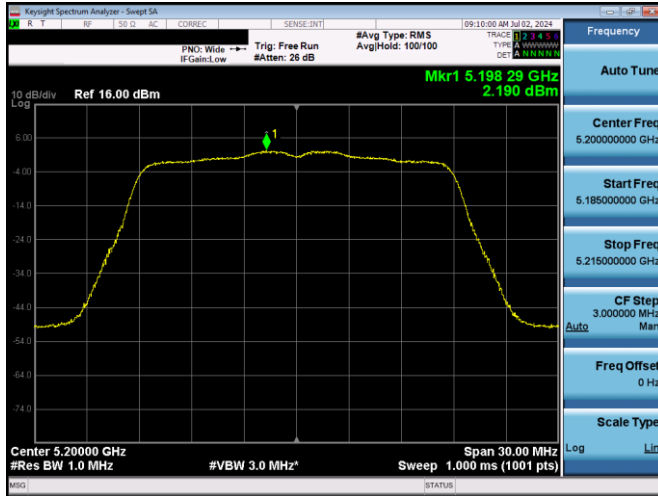
	Frequency [MHz]	Channel No.	802.11 MODE	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	65/72.2 (MCS7)	0.59	4.60	5.19	10.0	-4.81
	5200	40	n (20MHz)	65/72.2 (MCS7)	0.71	4.60	5.31	10.0	-4.69
	5240	48	n (20MHz)	65/72.2 (MCS7)	1.09	4.60	5.69	10.0	-4.31
	5180	36	ax (SU) (20MHz)	135/143.4 (MCS11)	0.73	4.60	5.33	10.0	-4.67
	5200	40	ax (SU) (20MHz)	135/143.4 (MCS11)	0.62	4.60	5.22	10.0	-4.78
	5240	48	ax (SU) (20MHz)	135/143.4 (MCS11)	1.22	4.60	5.82	10.0	-4.18
	5190	38	n (40MHz)	135/150 (MCS7)	-1.28	4.60	3.32	10.0	-6.68
	5230	46	n (40MHz)	135/150 (MCS7)	0.96	4.60	5.56	10.0	-4.45
	5190	38	ax (SU) (40MHz)	271/286 (MCS11)	-1.34	4.60	3.27	10.0	-6.74
	5230	46	ax (SU) (40MHz)	271/286 (MCS11)	0.46	4.60	5.06	10.0	-4.94
Band 1/2	5210	42	ac (80MHz)	390/433.3 (MCS9)	-4.52	4.60	0.08	10.0	-9.92
	5210	42	ax (SU) (80MHz)	567/600.5 (MCS11)	-4.69	4.60	-0.09	10.0	-10.09
	5250	50	ac (160MHz)	390/433.3 (MCS9)	-9.18	4.80	-4.38	10.0	-14.38
	5250	50	ax (SU) (160MHz)	567/600.5 (MCS11)	-9.11	4.80	-4.31	10.0	-14.31

Table 7-124. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna WF5T (High Data Rate)

FCC ID: BCGA2993 IC: 579C-A2993	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2405200017-11.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 116 of 380

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