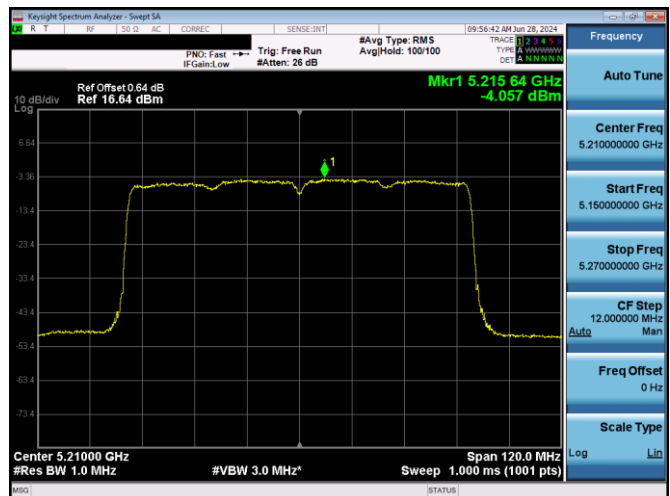
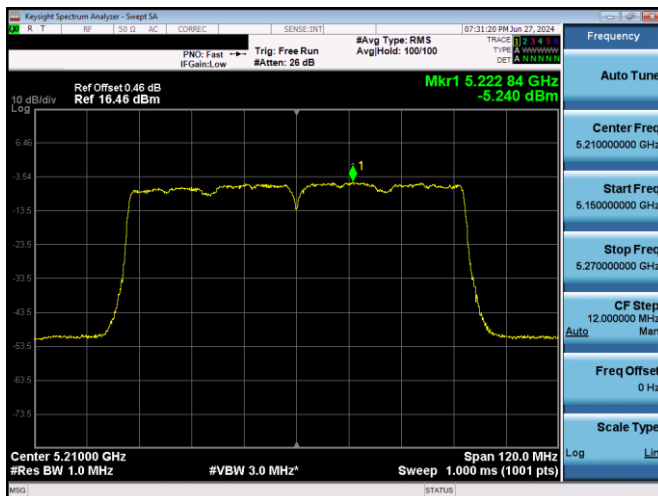
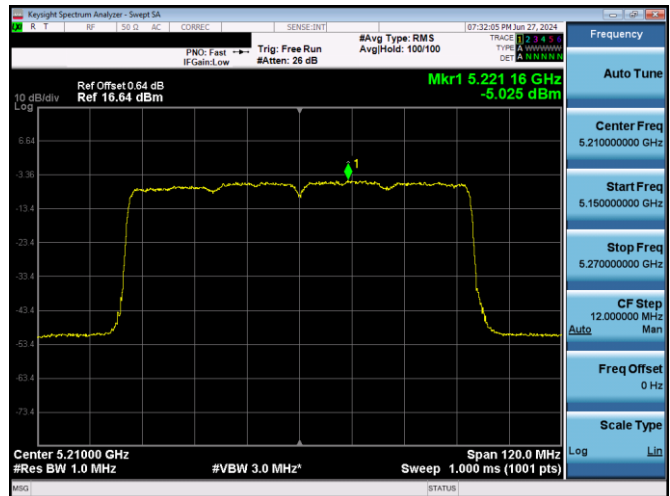
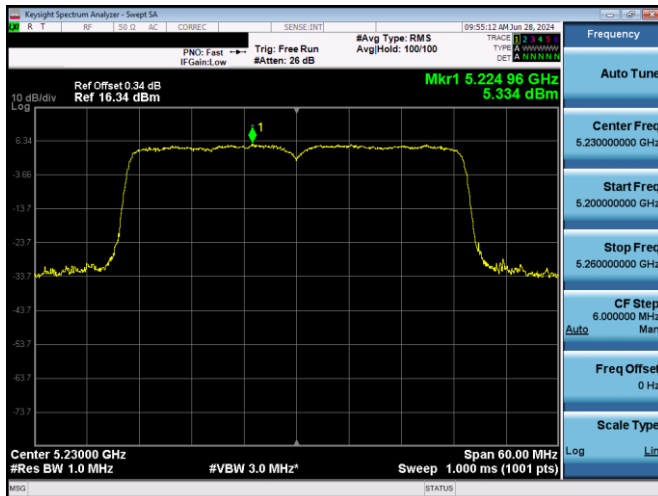
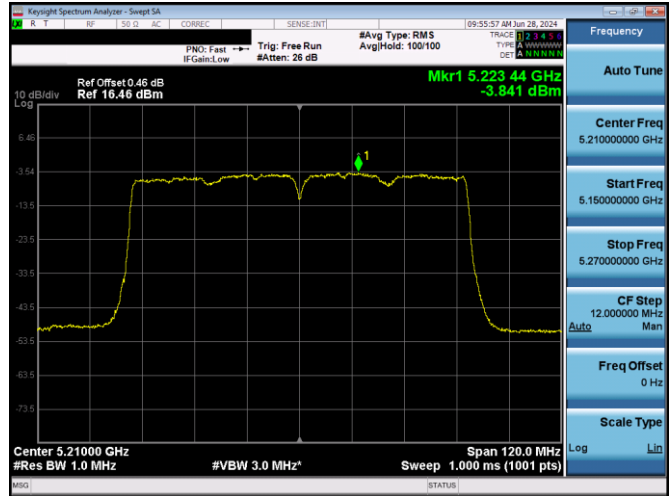
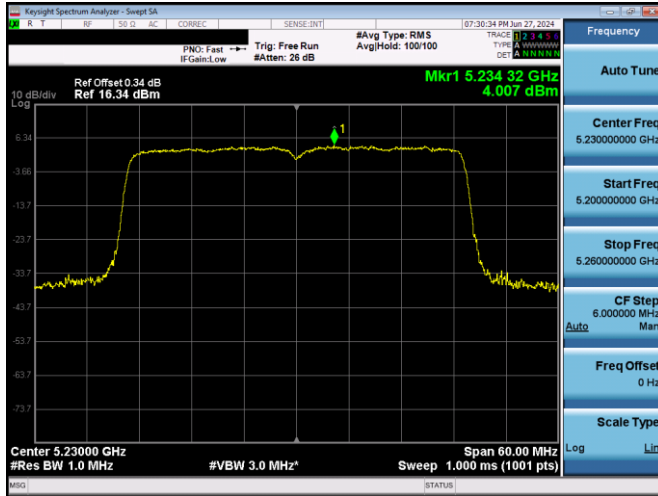
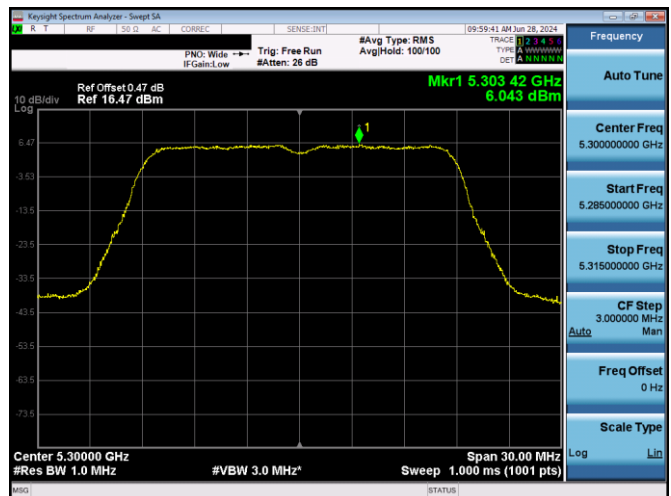
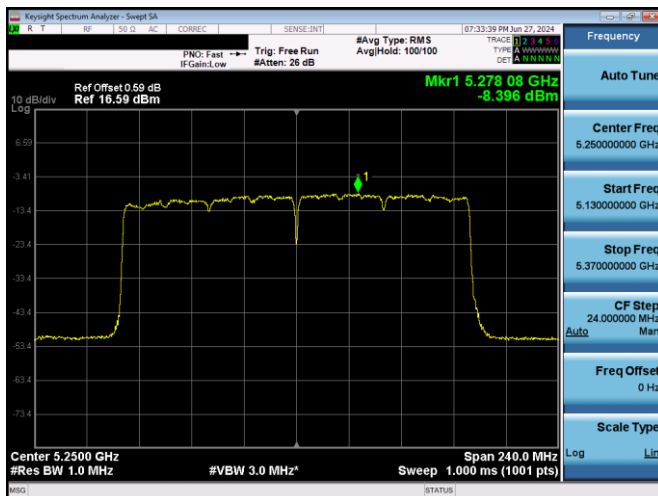
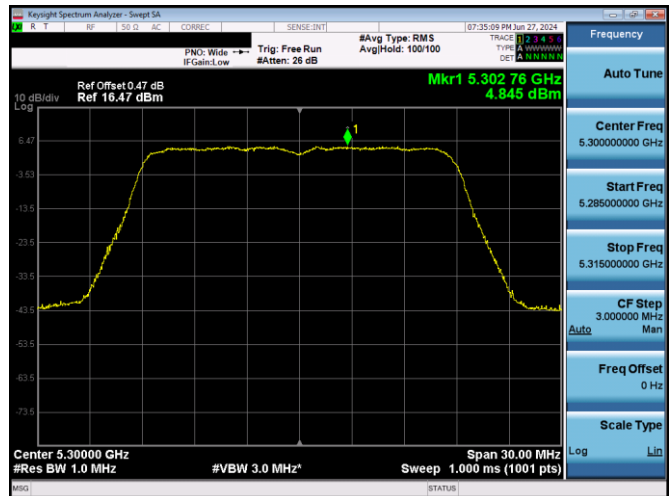
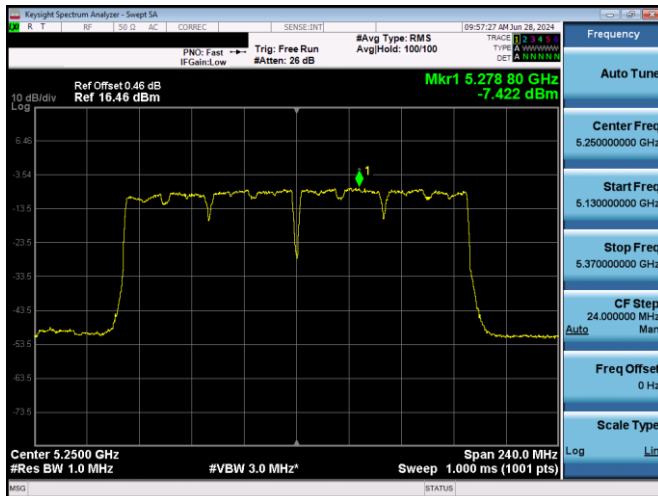
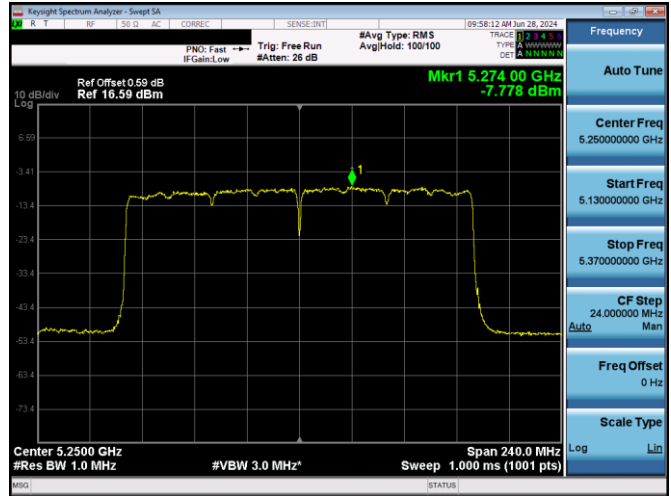
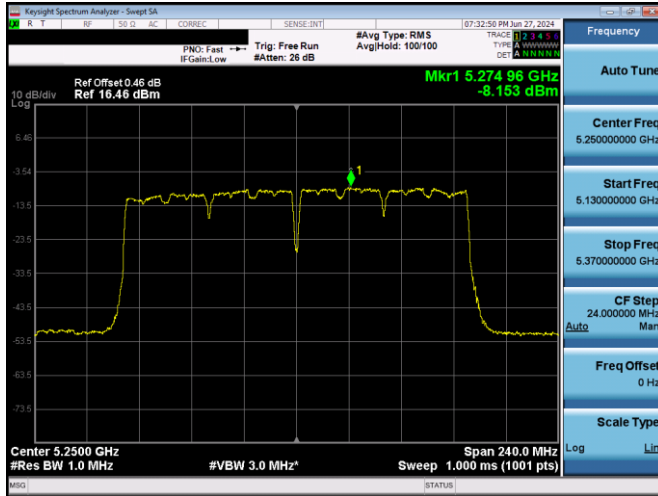
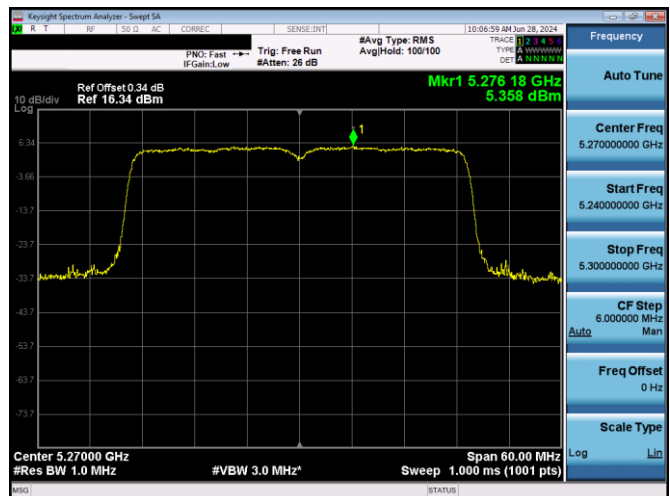
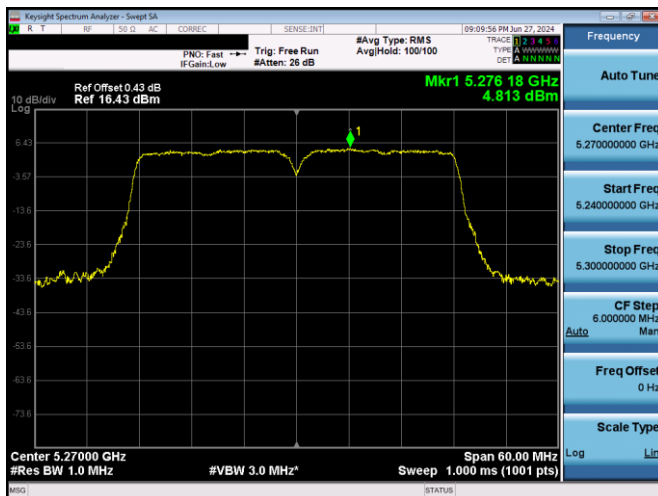
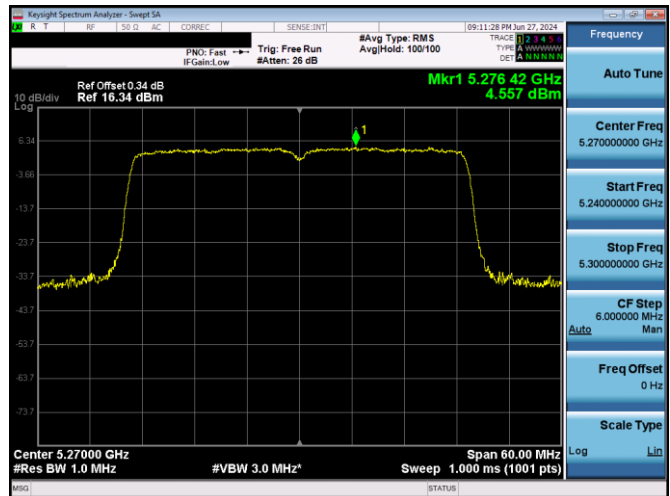
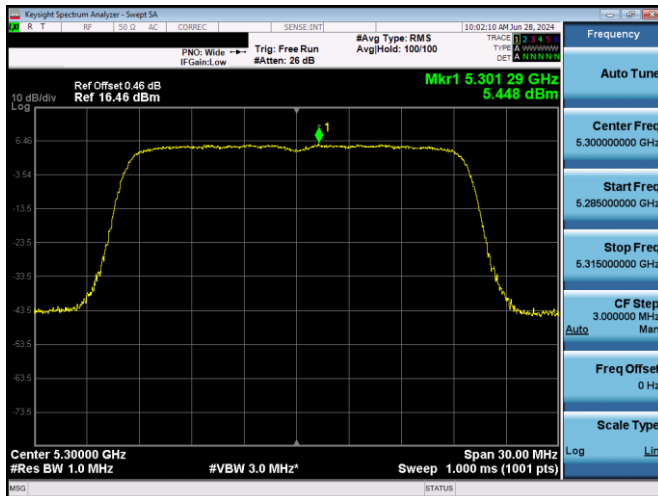
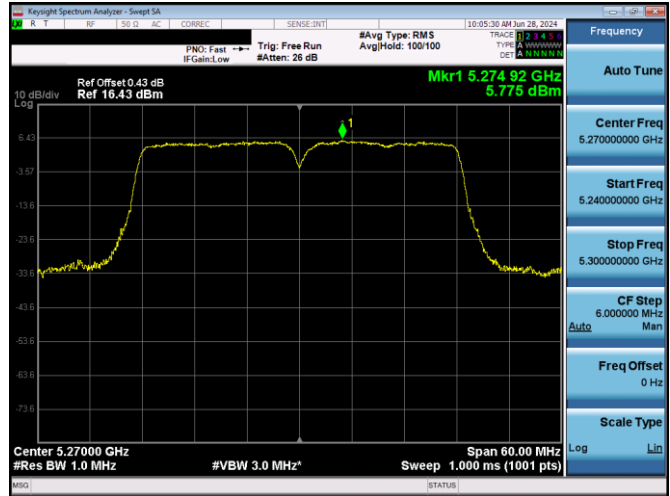
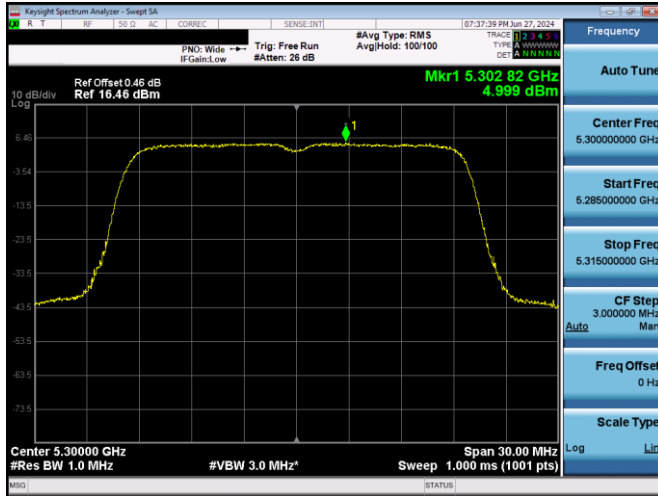




FCC ID: BCGA2993 IC: 579C-A2993	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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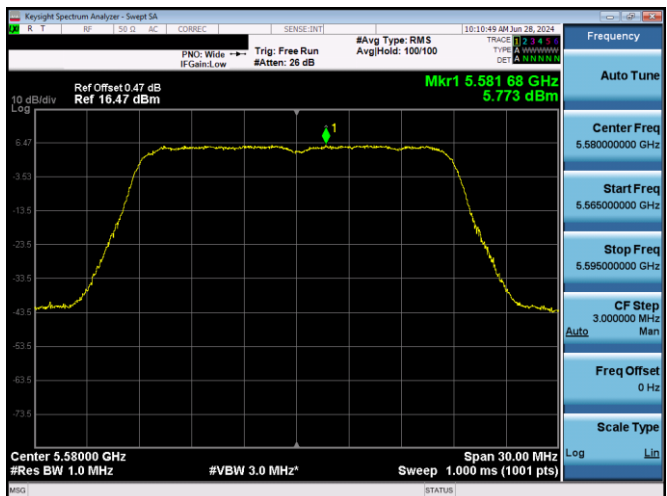
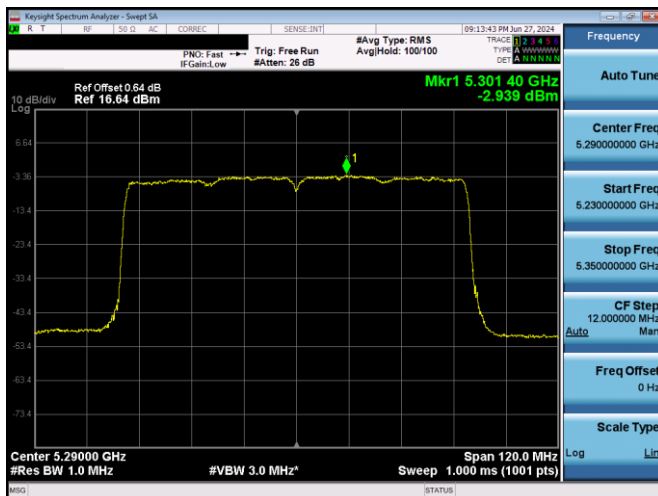
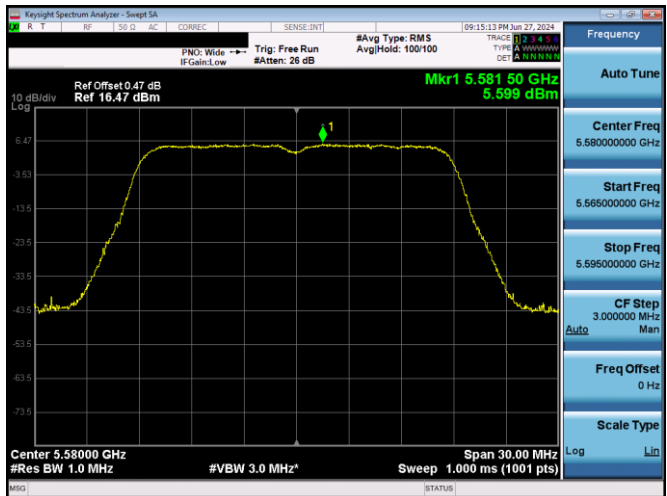
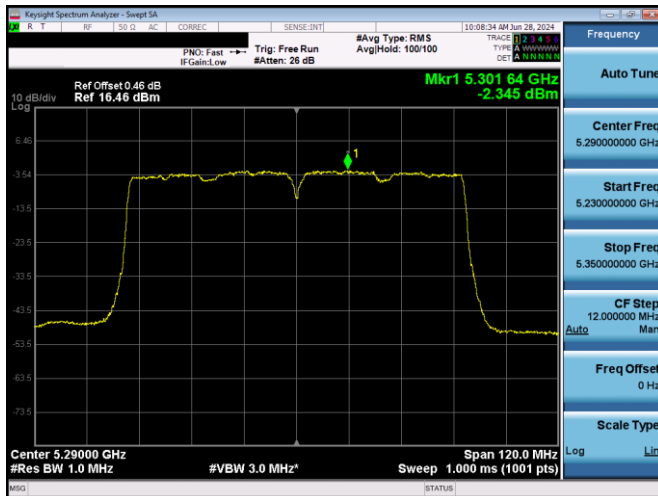
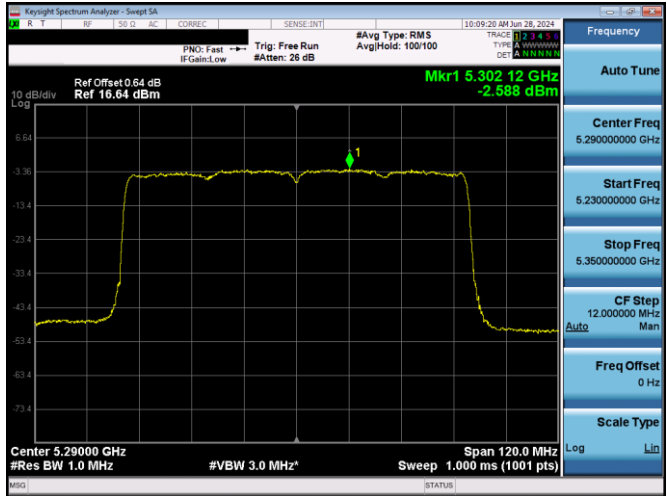
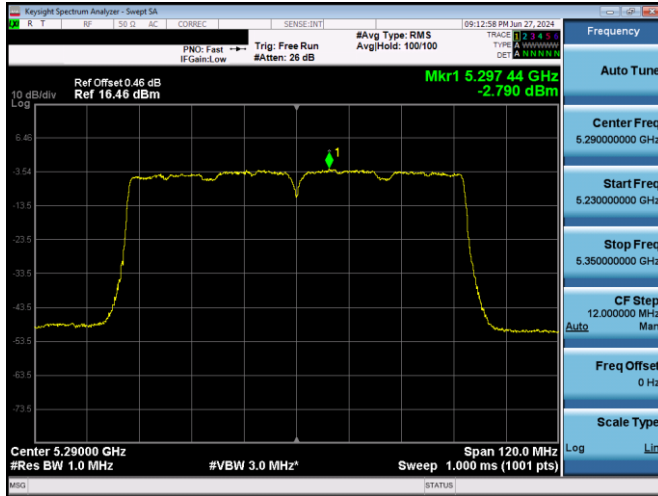
FCC ID: BCGA2993 IC: 579C-A2993	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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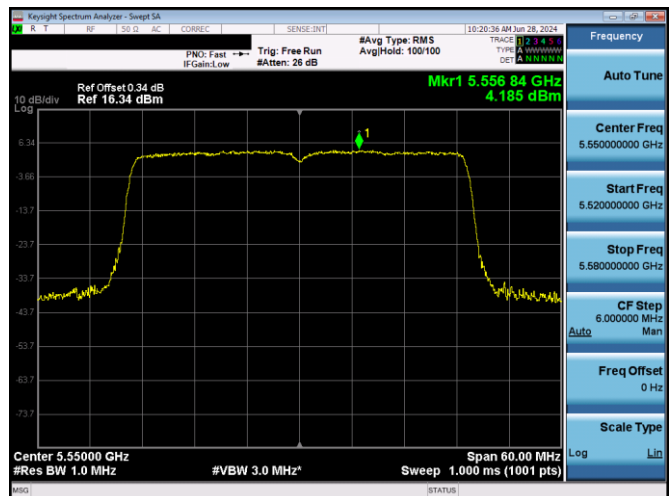
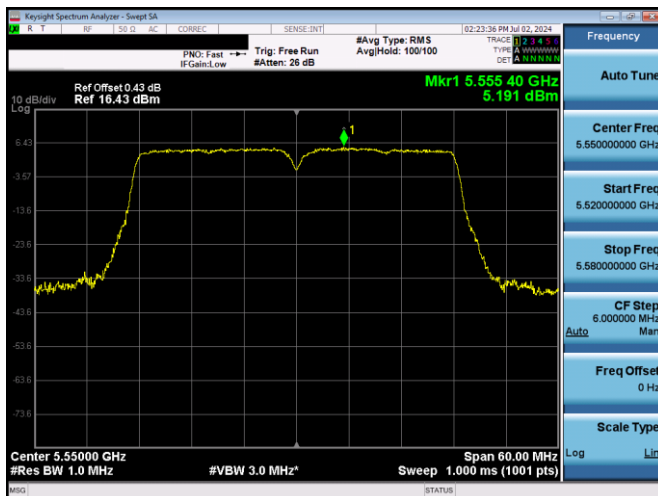
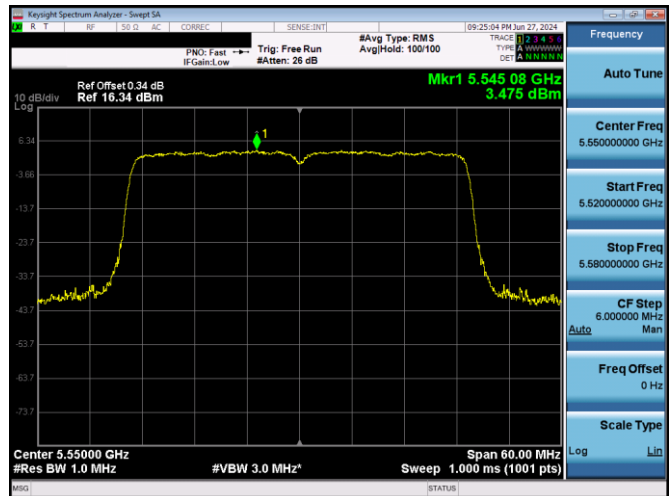
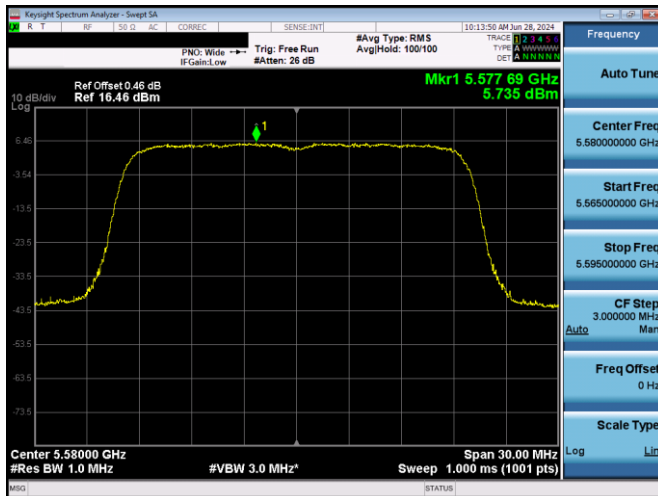
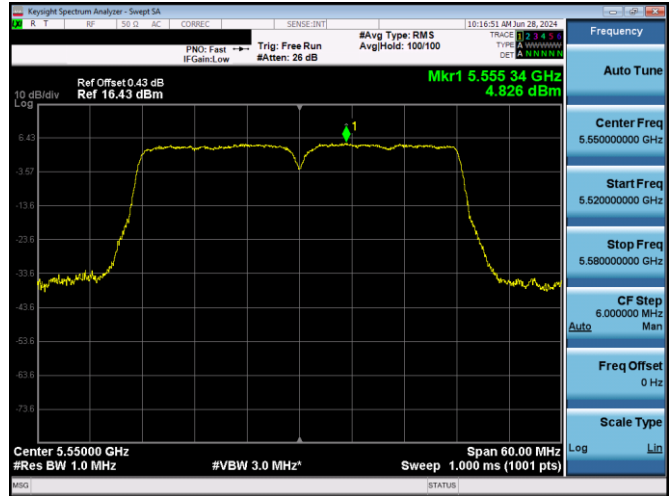
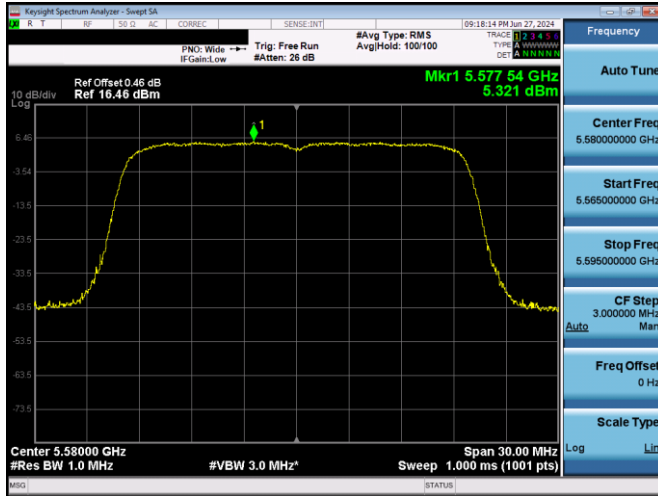
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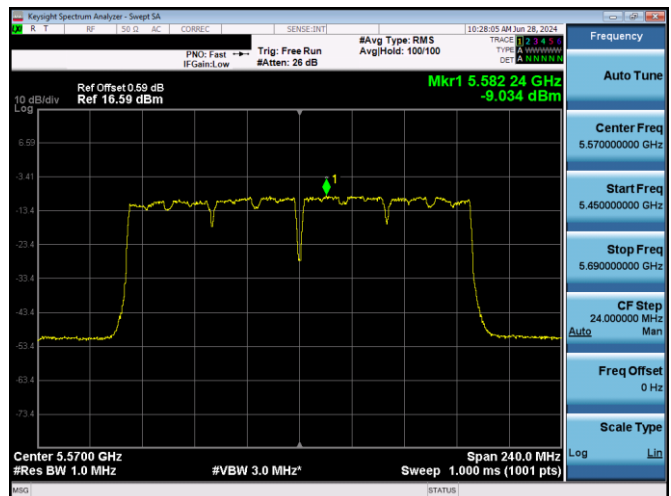
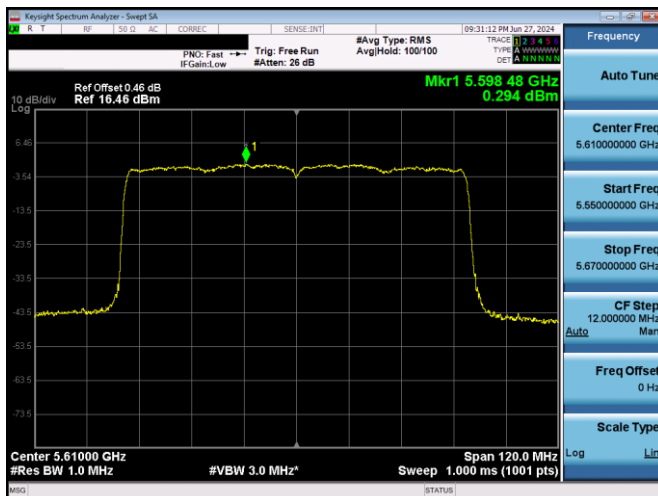
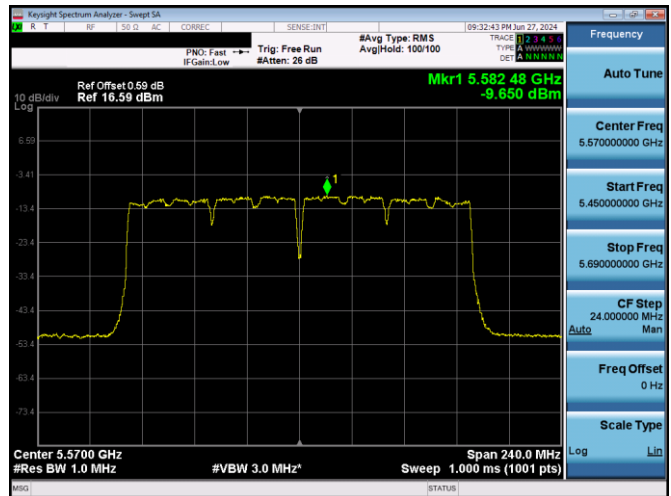
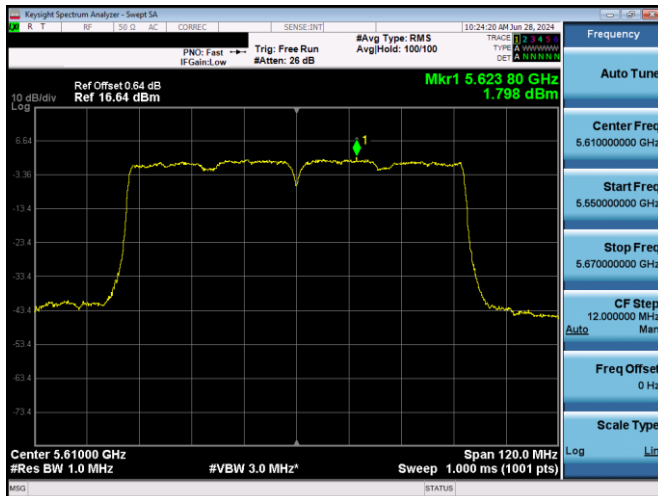
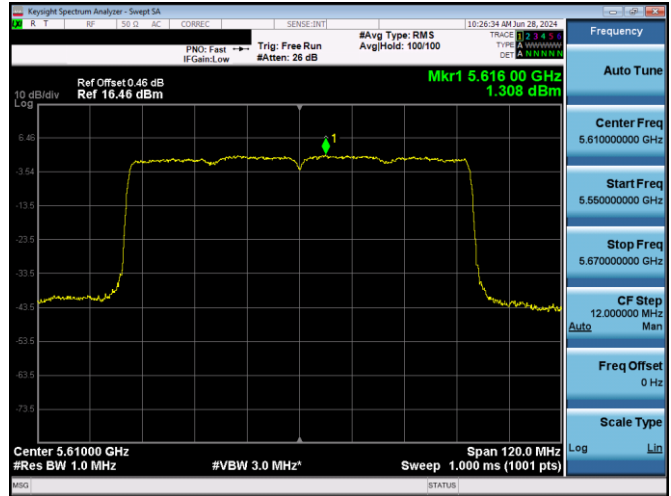
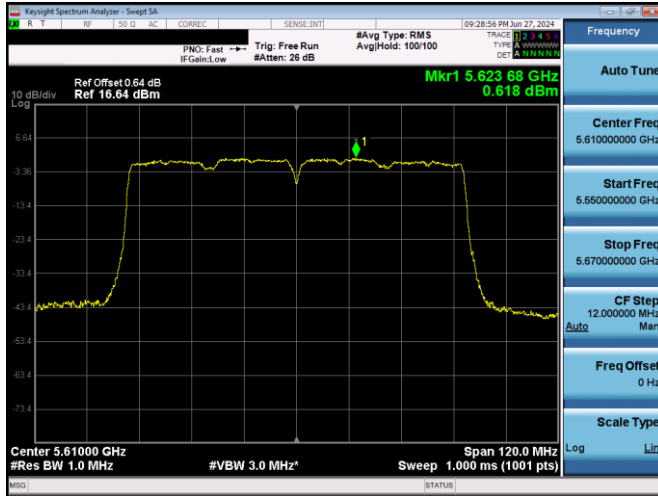
FCC ID: BCGA2993 IC: 579C-A2993	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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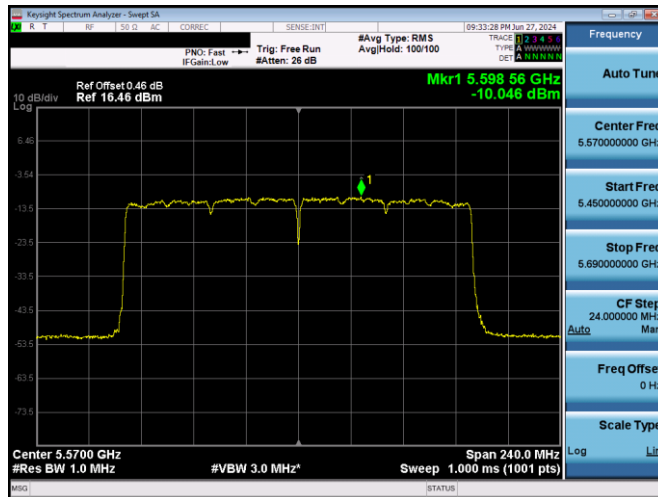
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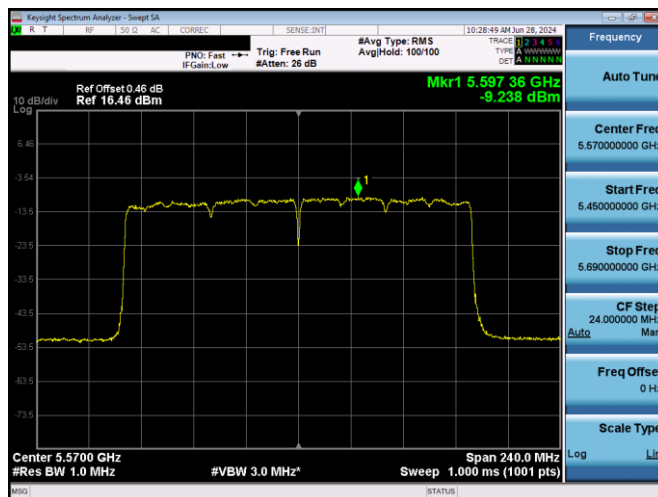
FCC ID: BCGA2993 IC: 579C-A2993	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-515. PSD CDD Antenna WF5T (160MHz BW 802.11ax(SU) – Ch. 114, MCS11)



Plot 7-516. PSD CDD Antenna WF2 (160MHz BW 802.11ax(SU) – Ch. 114, MCS11)

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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	Frequency [MHz]	Channel	802.11 MODE	Mode	Data Rate [Mbps]	Ant WF5T Power Density [dBm/500kHz]	Ant WF2 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)	8.15	8.38	11.27	30.0	-18.73
	5785	157	n (20MHz)	CDD	39/43.3 (MCS10)	8.06	8.20	11.14	30.0	-18.86
	5825	165	n (20MHz)	CDD	39/43.3 (MCS10)	7.77	8.00	10.90	30.0	-19.10
	5745	149	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	6.42	6.84	9.64	30.0	-20.36
	5785	157	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	6.80	6.77	9.79	30.0	-20.21
	5825	165	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	6.41	7.06	9.76	30.0	-20.24
	5755	151	n (40MHz)	CDD	81/60 (MCS10)	5.09	4.99	8.05	30.0	-21.95
	5795	159	n (40MHz)	CDD	81/60 (MCS10)	4.98	5.62	8.32	30.0	-21.68
	5755	151	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	3.47	3.22	6.36	30.0	-23.64
	5795	159	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	3.65	3.58	6.62	30.0	-23.38
	5775	155	ac (80MHz)	CDD	175.5/195 (MCS2)	-0.34	0.29	3.00	30.0	-27.00
	5775	155	ax (SU) (80MHz)	CDD	204/216.2 (MCS2)	-2.15	-1.50	1.20	30.0	-28.80

Table 7-137. Band 3 Power Spectral Density Measurements CDD (Low Data Rate)

	Frequency [MHz]	Channel	802.11 MODE	Mode	Data Rate [Mbps]	Ant WF5T Power Density [dBm/500kHz]	Ant WF2 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)	8.12	7.87	11.01	30.0	-18.99
	5785	157	n (20MHz)	CDD	78/86.7 (MCS12)	8.33	8.14	11.24	30.0	-18.76
	5825	165	n (20MHz)	CDD	78/86.7 (MCS12)	7.91	8.86	11.42	30.0	-18.58
	5745	149	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	6.60	6.23	9.43	30.0	-20.57
	5785	157	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	6.47	7.16	9.84	30.0	-20.16
	5825	165	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	6.56	7.29	9.95	30.0	-20.05
	5755	151	n (40MHz)	CDD	162/180 (MCS12)	5.21	5.02	8.13	30.0	-21.87
	5795	159	n (40MHz)	CDD	162/180 (MCS12)	5.32	4.98	8.17	30.0	-21.83
	5755	151	ax (SU) (40MHz)	CDD	196/206.5 (MCS4)	3.31	3.84	6.59	30.0	-23.41
	5795	159	ax (SU) (40MHz)	CDD	196/206.5 (MCS4)	4.09	4.18	7.14	30.0	-22.86
	5775	155	ac (80MHz)	CDD	351/390 (MCS4)	-1.02	-1.06	1.97	30.0	-28.03
	5775	155	ax (SU) (80MHz)	CDD	408/432.4 (MCS4)	-2.87	-2.97	0.09	30.0	-29.91

Table 7-138. Band 3 Power Spectral Density Measurements CDD (Mid Data Rate)

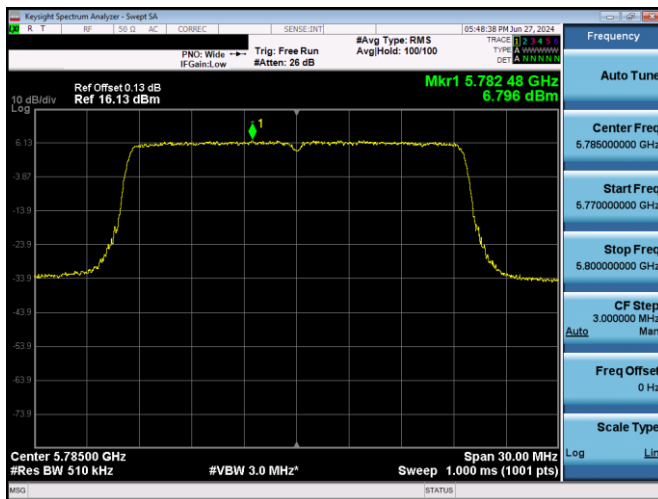
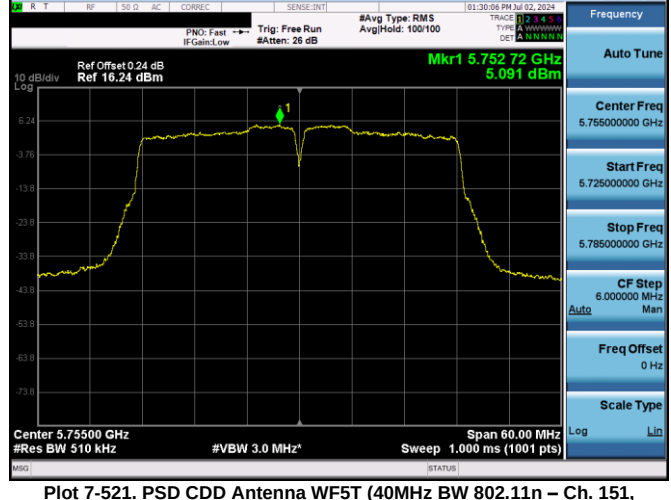
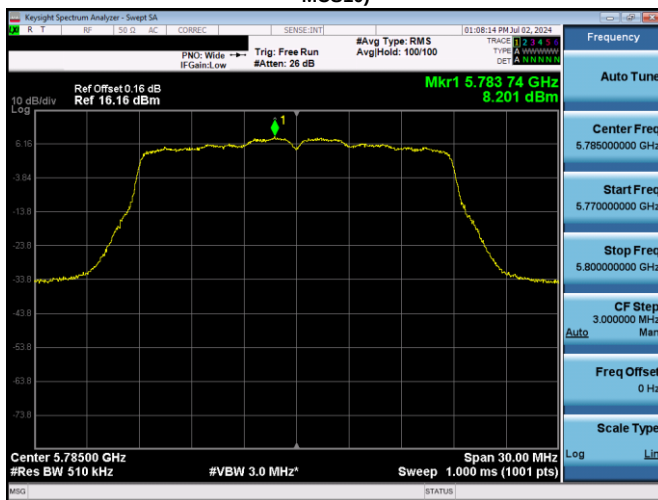
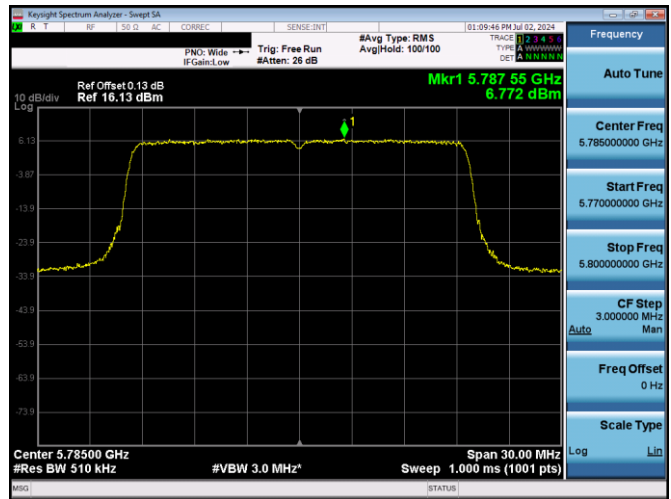
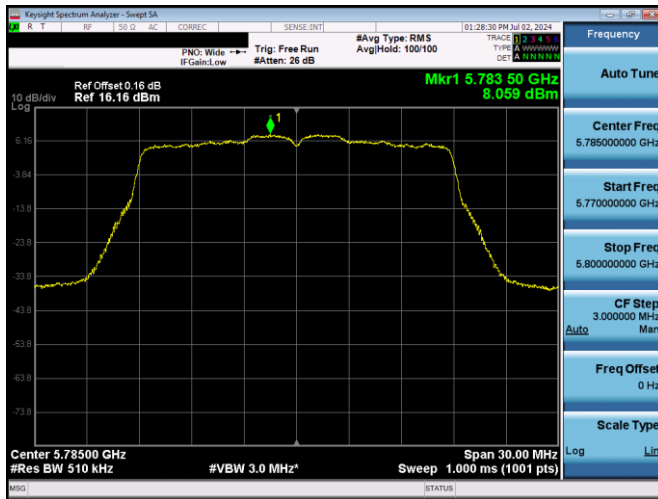
	Frequency [MHz]	Channel	802.11 MODE	Mode	Data Rate [Mbps]	Ant WF5T Power Density [dBm/500kHz]	Ant WF2 Power Density [dBm/500kHz]	Summed Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	CDD	130/144.4 (MCS15)	7.74	7.33	10.55	30.0	-19.45
	5785	157	n (20MHz)	CDD	130/144.4 (MCS15)	7.36	7.02	10.20	30.0	-19.80
	5825	165	n (20MHz)	CDD	130/144.4 (MCS15)	7.20	6.78	10.01	30.0	-19.99
	5745	149	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	6.80	7.53	10.19	30.0	-19.81
	5785	157	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	7.00	6.67	9.85	30.0	-20.15
	5825	165	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	6.85	6.76	9.82	30.0	-20.18
	5755	151	n (40MHz)	CDD	270/300 (MCS15)	4.15	4.63	7.41	30.0	-22.59
	5795	159	n (40MHz)	CDD	270/300 (MCS15)	4.03	4.43	7.24	30.0	-22.76
	5755	151	ax (SU) (40MHz)	CDD	271/286.8 (MCS11)	3.79	4.04	6.93	30.0	-23.07
	5795	159	ax (SU) (40MHz)	CDD	271/286.8 (MCS11)	4.32	3.95	7.15	30.0	-22.85
	5775	155	ac (80MHz)	CDD	780/866.7 (MCS9)	-1.87	-1.38	1.39	30.0	-28.61
	5775	155	ax (SU) (80MHz)	CDD	1134/1201 (MCS11)	-3.24	-3.26	-0.24	30.0	-30.24

Table 7-139. Band 3 Power Spectral Density Measurements CDD (High Data Rate)

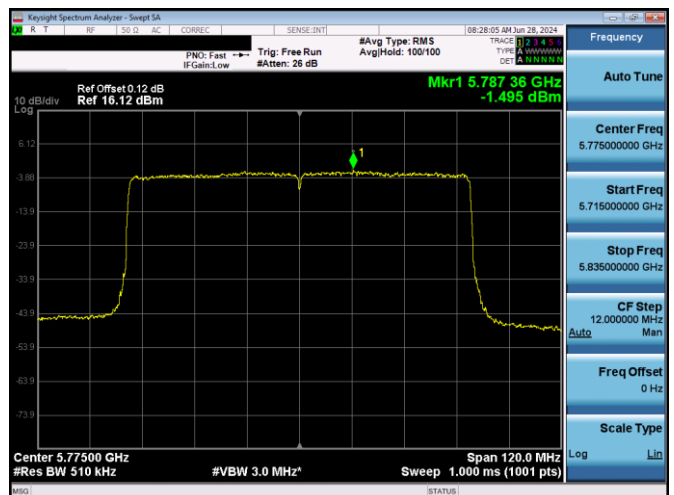
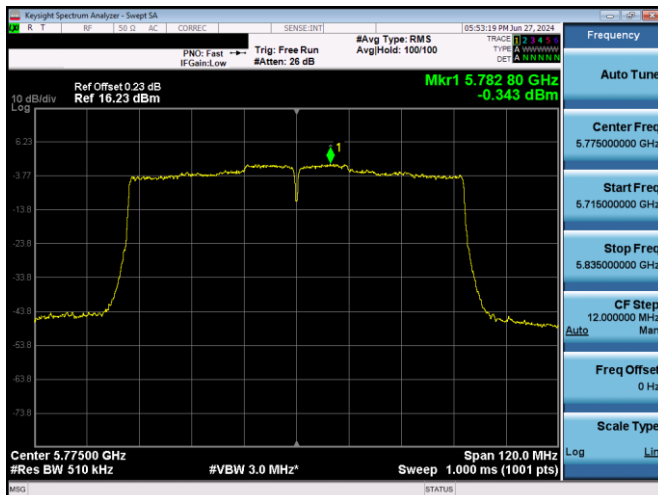
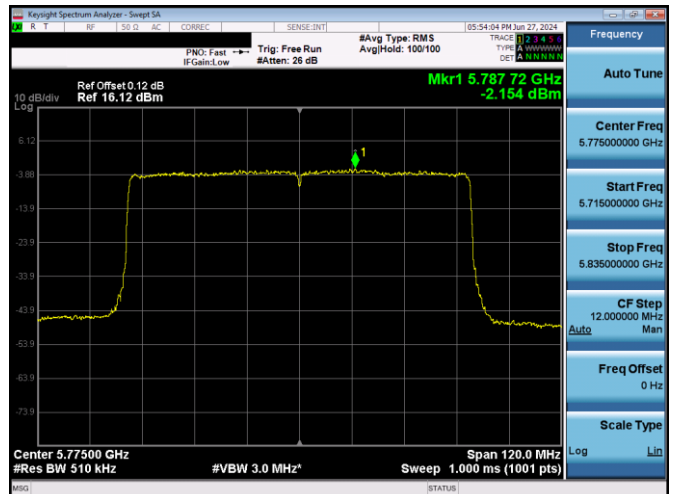
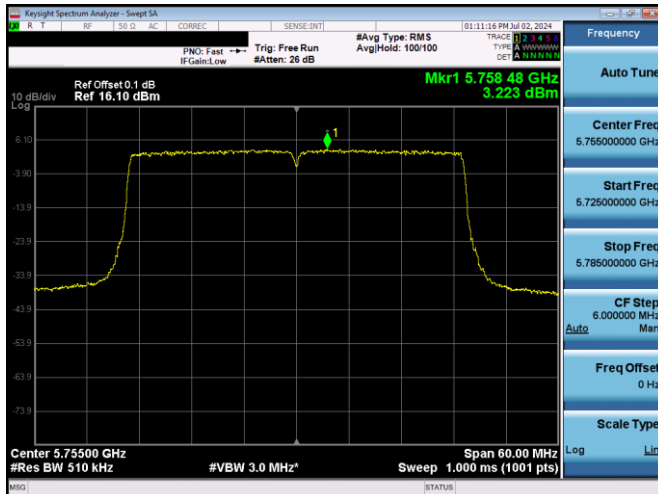
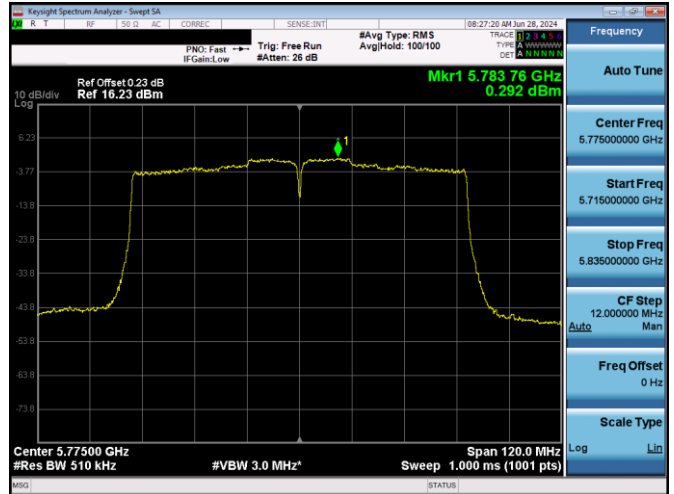
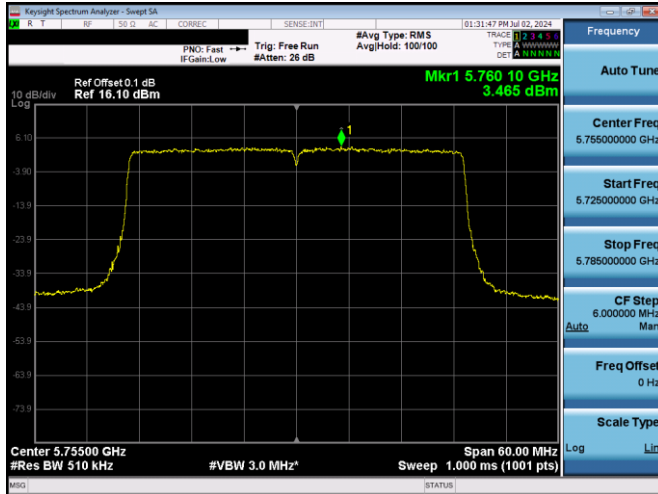
FCC ID: BCGA2993 IC: 579C-A2993	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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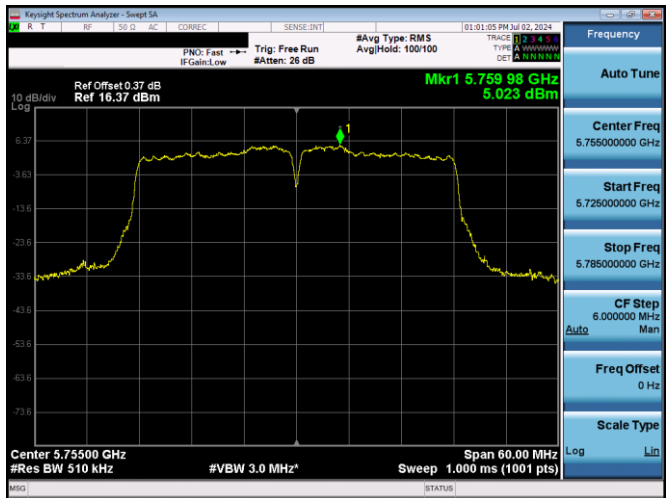
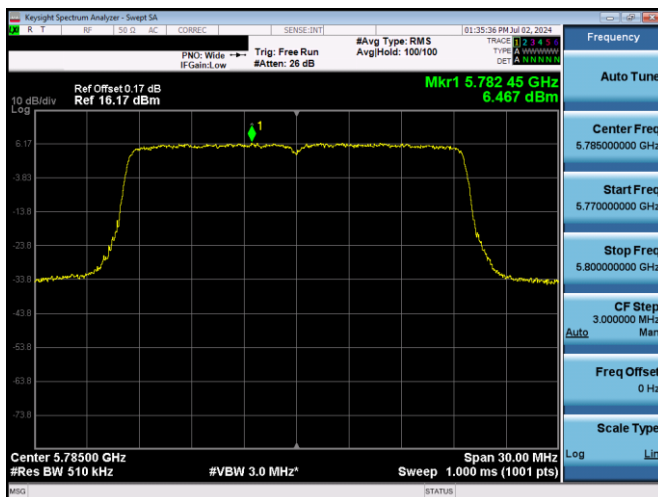
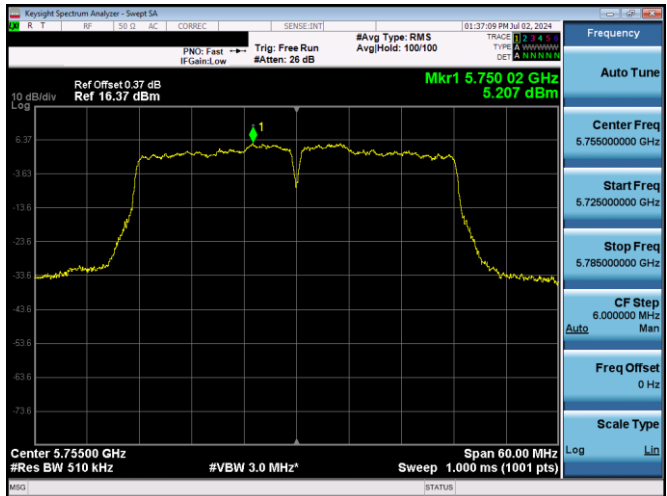
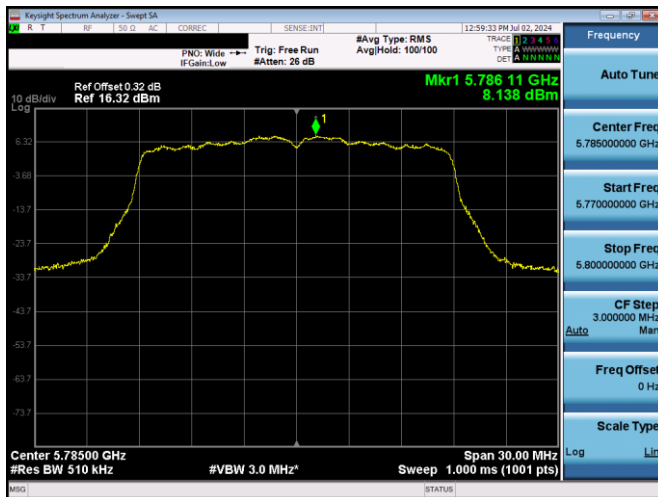
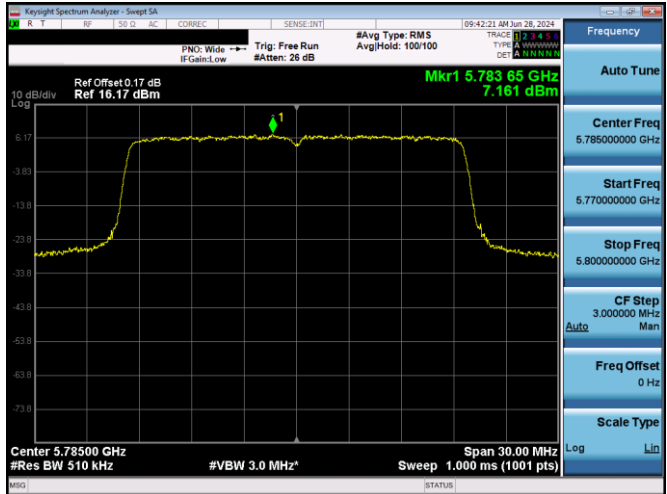
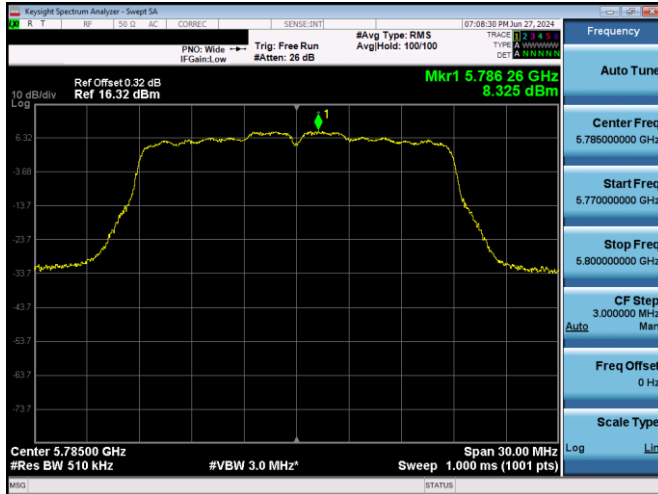
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