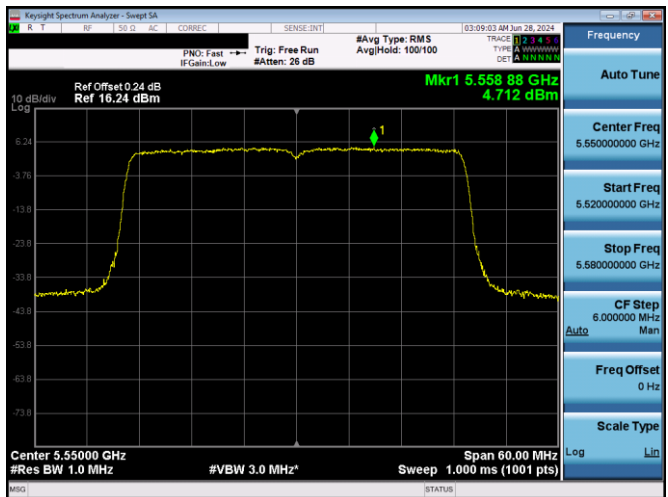
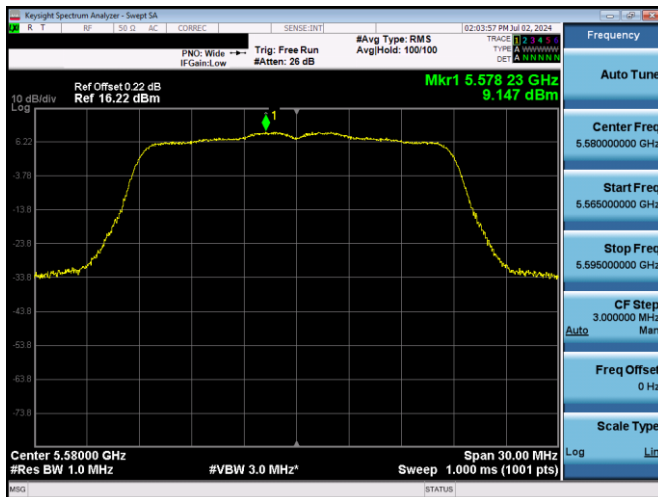
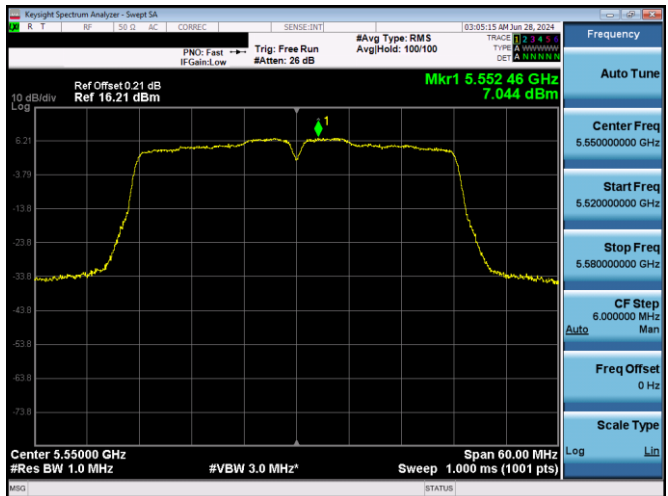
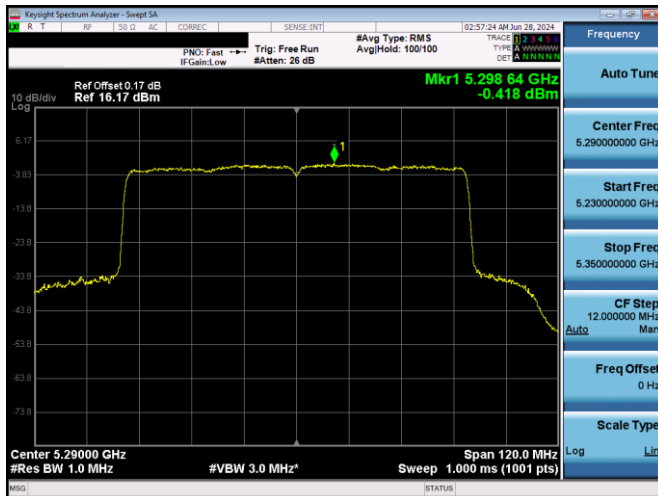
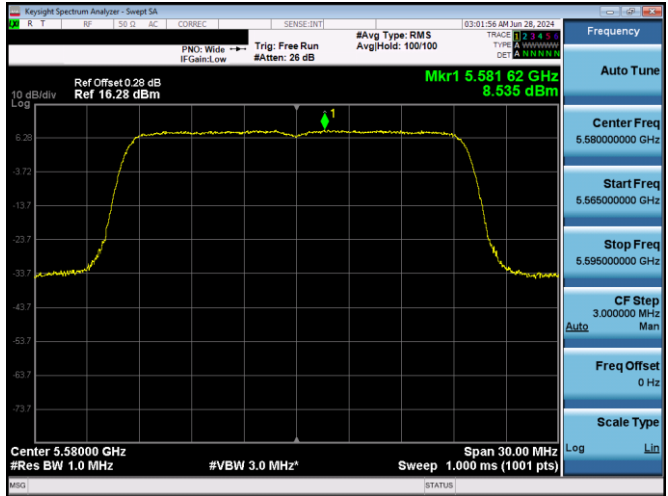
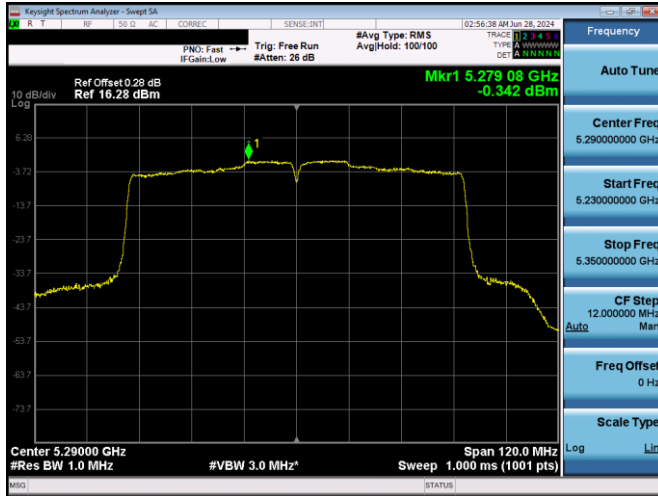
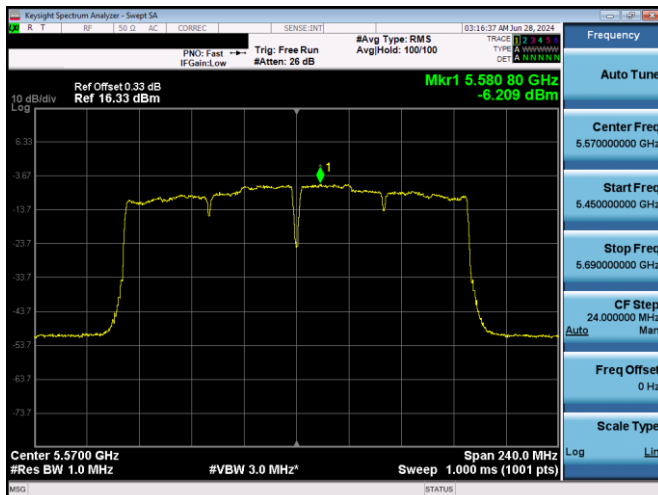
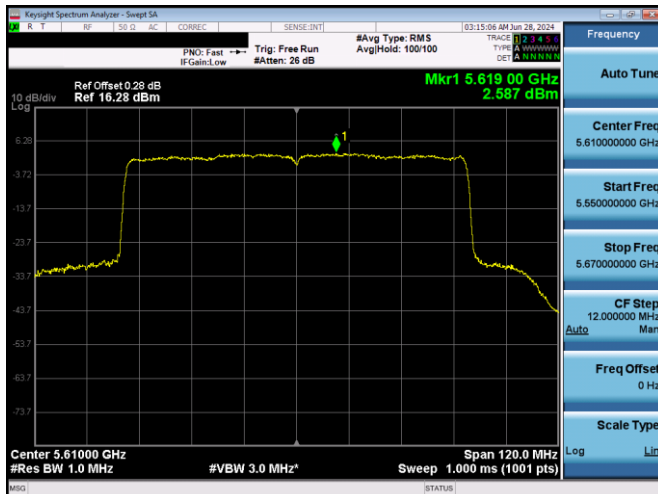
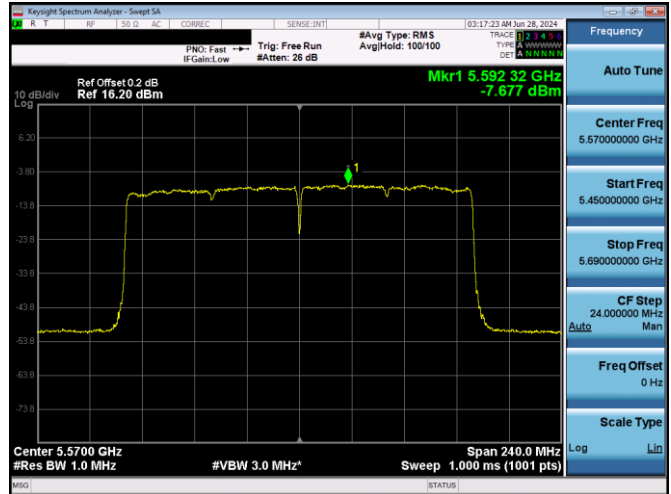
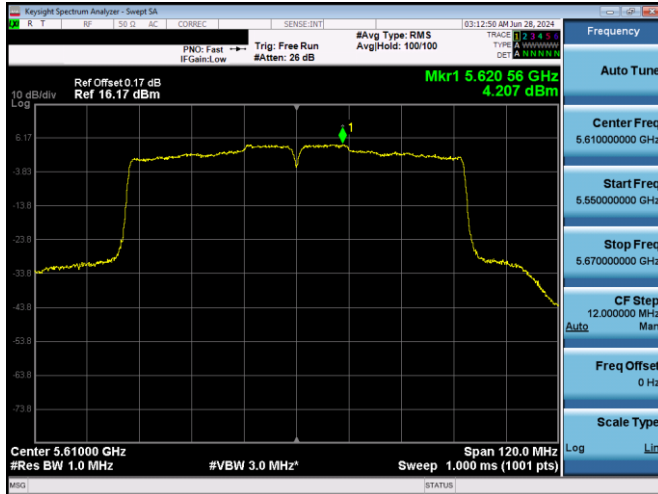




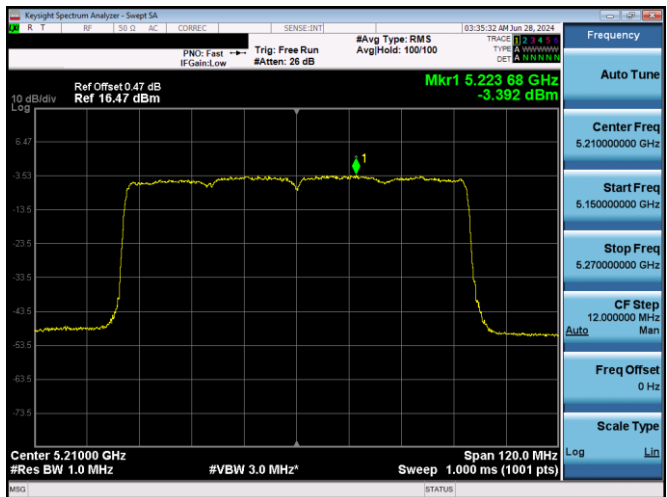
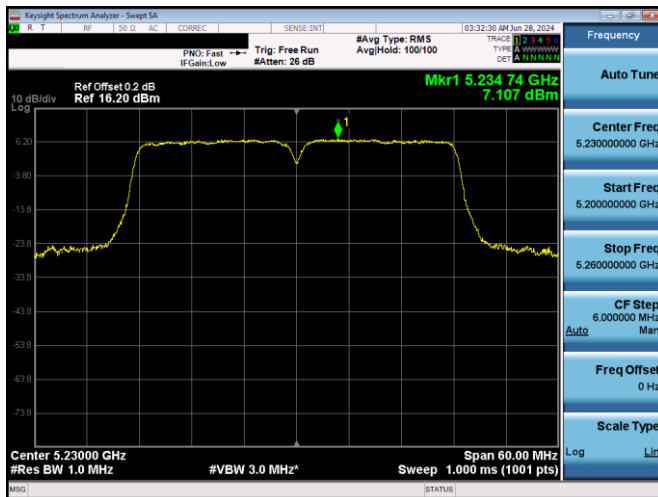
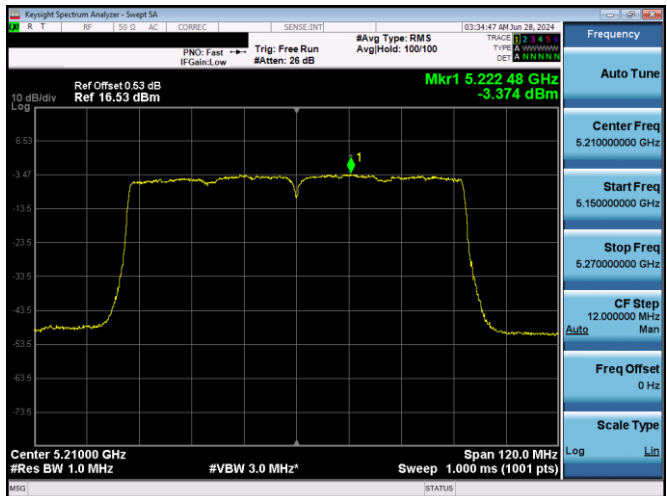
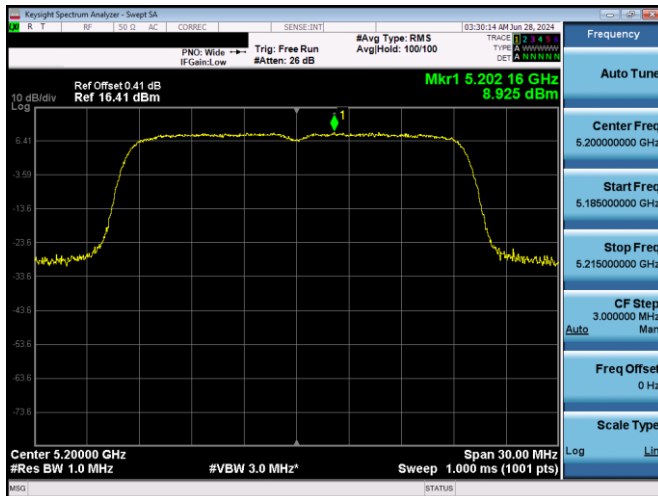
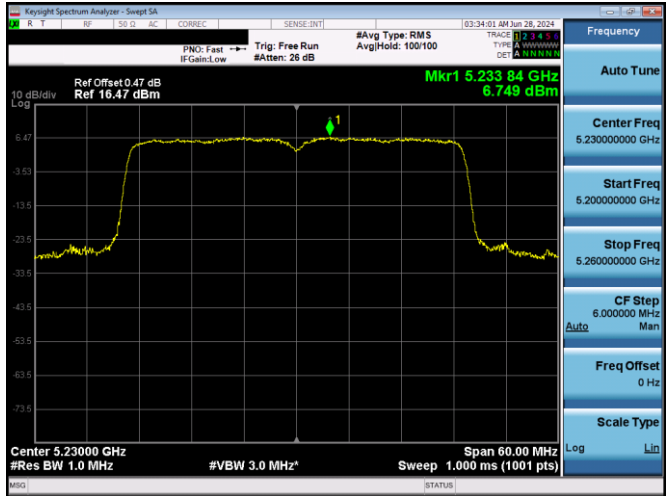
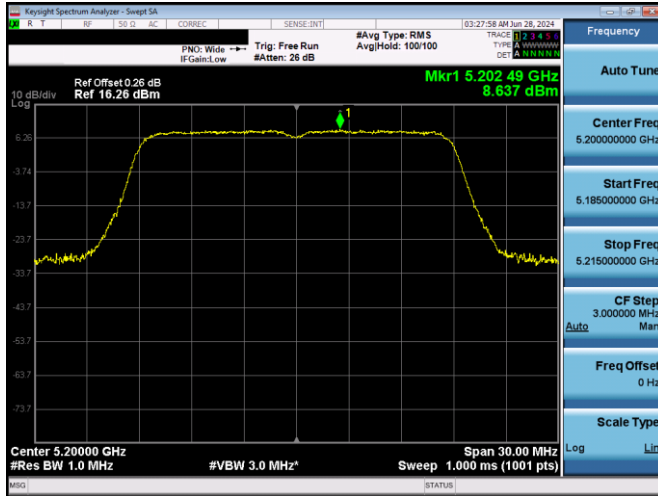
FCC ID: BCGA2993 IC: 579C-A2993	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2405200017-11.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 132 of 380

V 10.6 10/27/2023

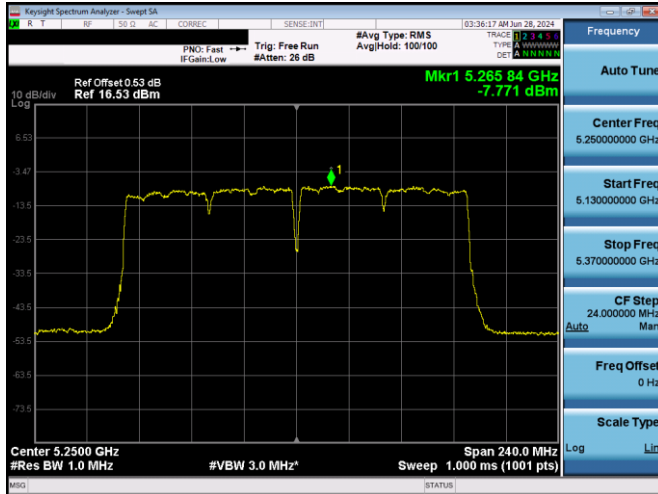
Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



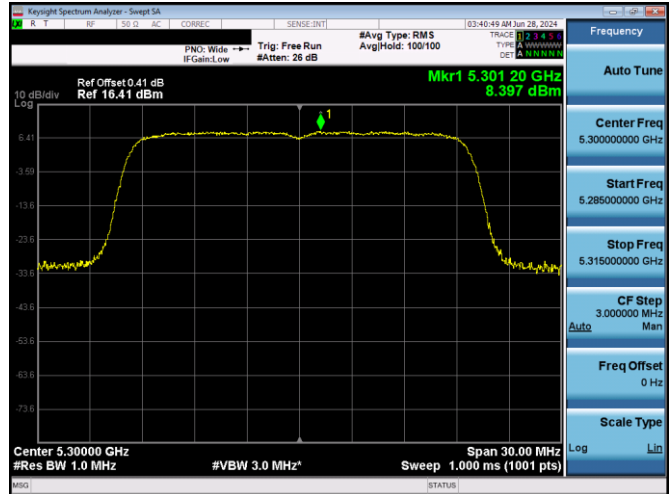
FCC ID: BCGA2993 IC: 579C-A2993	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-11.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 133 of 380



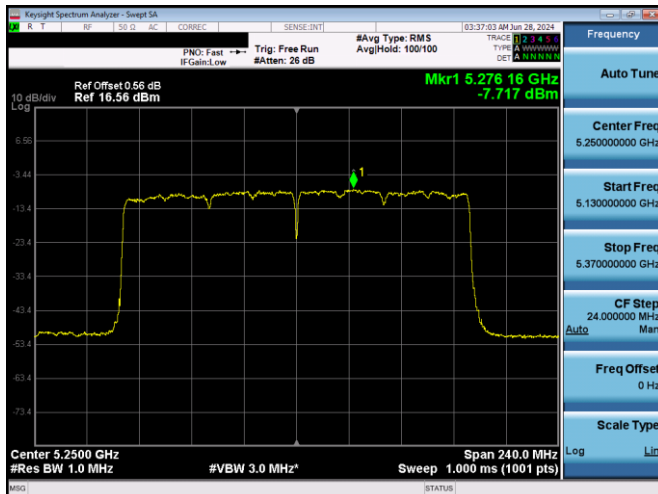
FCC ID: BCGA2993 IC: 579C-A2993	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-11.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 134 of 380



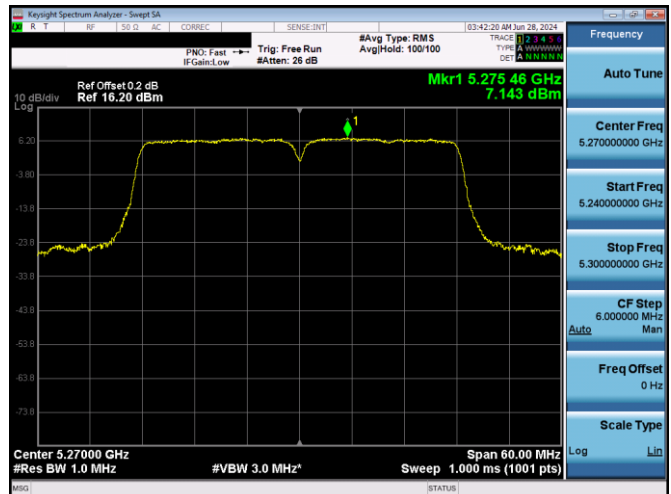
Plot 7-327. PSD Antenna WF2 (160MHz BW 802.11ac – Ch. 50, MCS9)



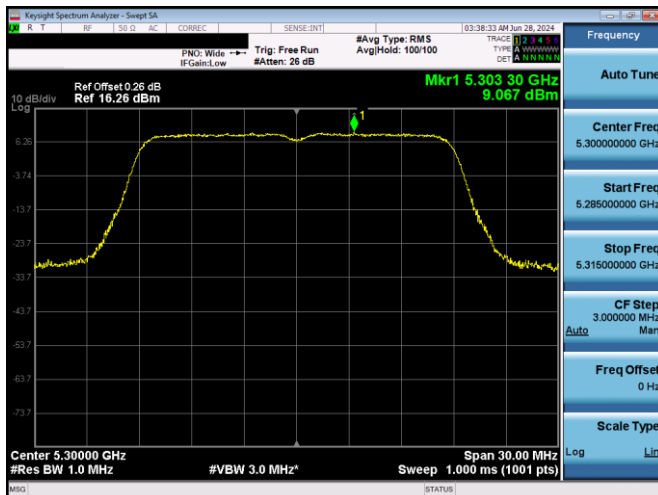
Plot 7-330. PSD Antenna WF2 (20MHz BW 802.11ax(SU) – Ch. 60, MCS11)



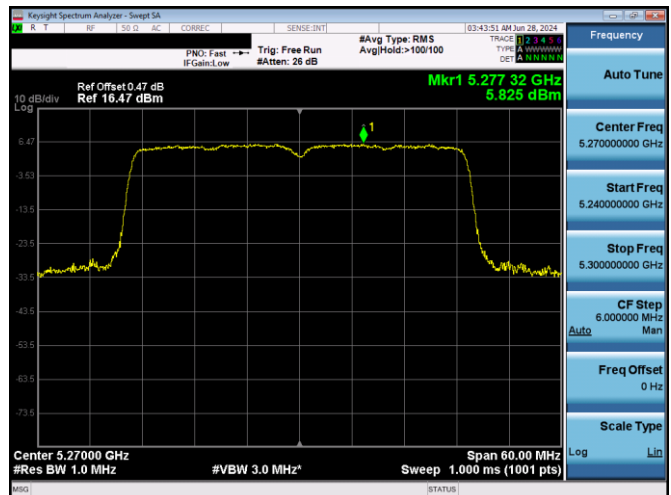
Plot 7-328. PSD Antenna WF2 (160MHz BW 802.11ax(SU) – Ch. 50, MCS11)



Plot 7-331. PSD Antenna WF2 (40MHz BW 802.11n – Ch. 54, MCS7)



Plot 7-329. PSD Antenna WF2 (20MHz BW 802.11n – Ch. 60, MCS7)

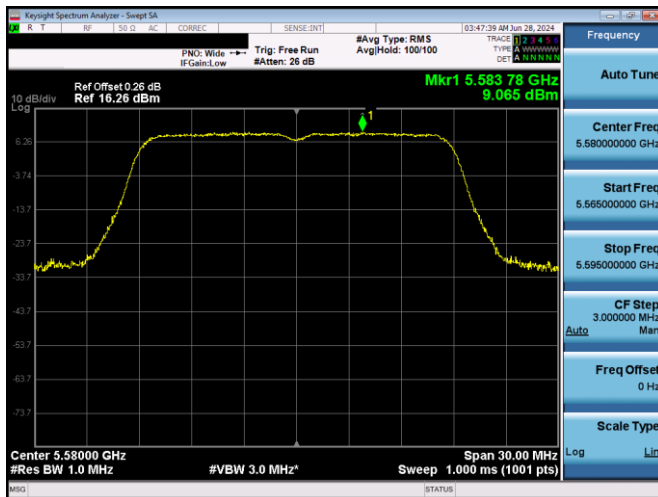
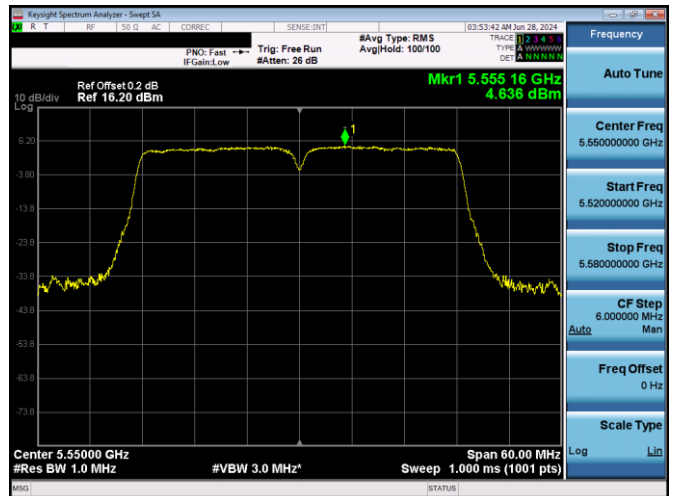
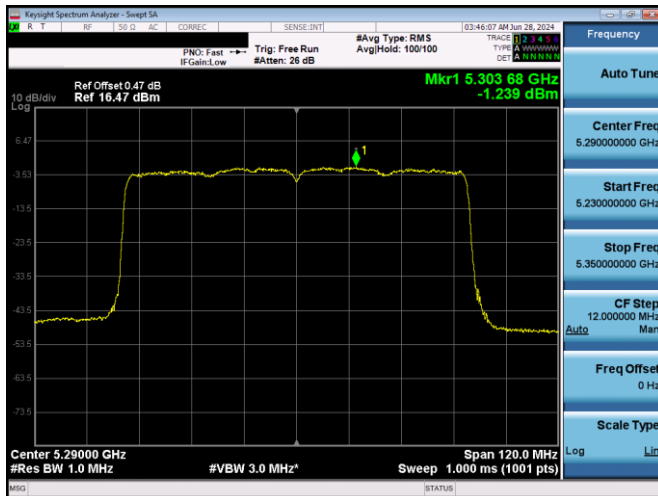
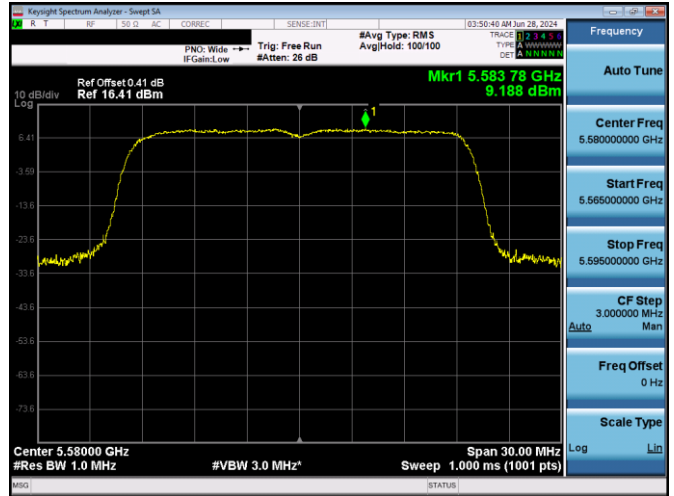
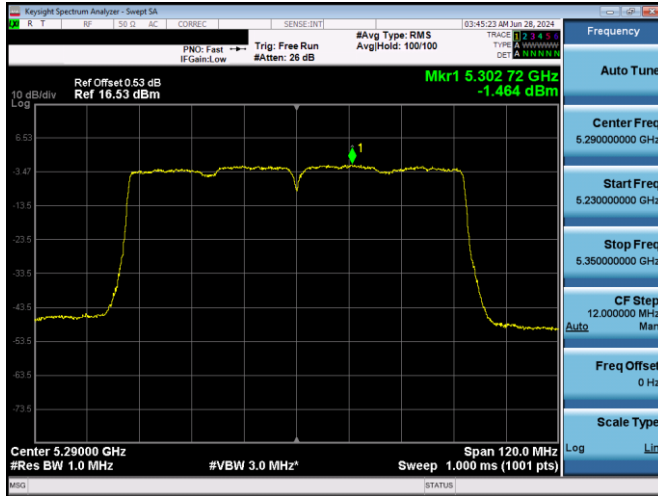


Plot 7-332. PSD Antenna WF2 (40MHz BW 802.11ax(SU) – Ch. 54, MCS11)

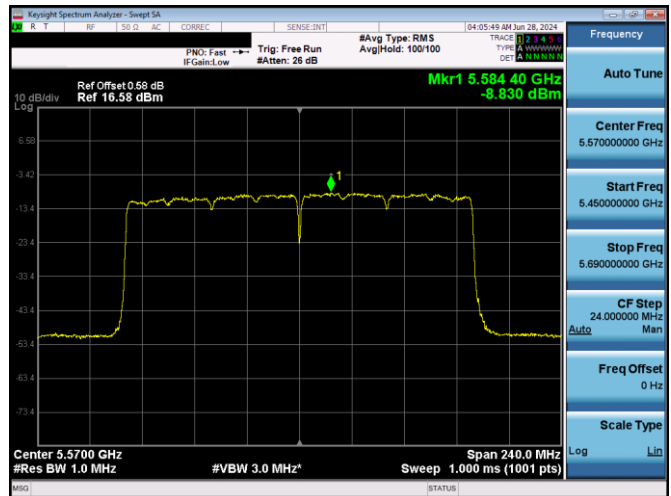
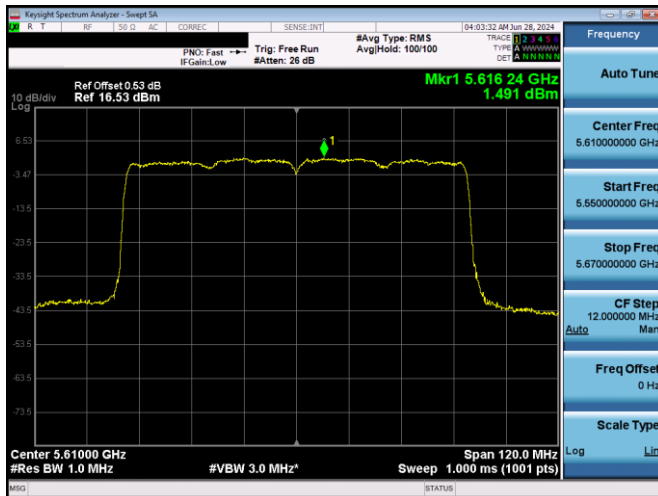
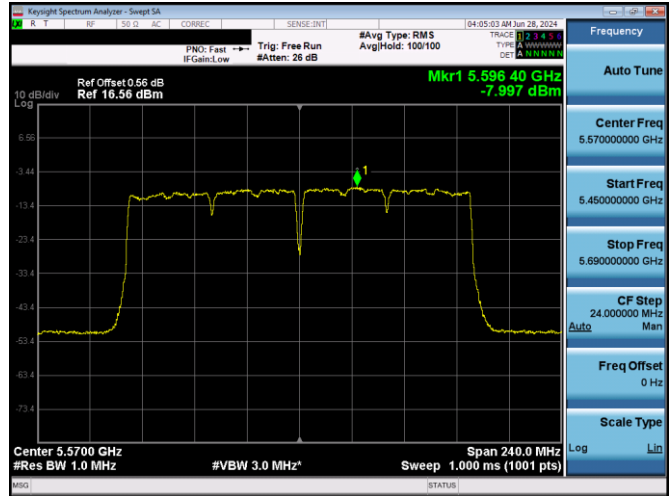
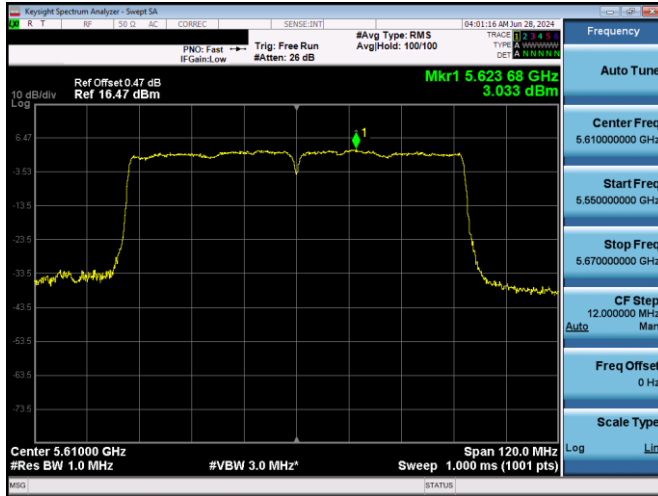
FCC ID: BCGA2993 IC: 579C-A2993	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2405200017-11.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 135 of 380

V 10.6 10/27/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



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 136 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 137 of 380

V 10.6 10/27/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

	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)	8.29	30.0	-21.71
	5785	157	n (20MHz)	19.5/21.7 (MCS2)	8.48	30.0	-21.52
	5825	165	n (20MHz)	19.5/21.7 (MCS2)	8.73	30.0	-21.27
	5745	149	ax (SU) (20MHz)	24/25.8 (MCS2)	7.04	30.0	-22.96
	5785	157	ax (SU) (20MHz)	24/25.8 (MCS2)	6.94	30.0	-23.06
	5825	165	ax (SU) (20MHz)	24/25.8 (MCS2)	7.36	30.0	-22.64
	5755	151	n (40MHz)	40/40.5 (MCS2)	5.37	30.0	-24.64
	5795	159	n (40MHz)	40/40.5 (MCS2)	5.65	30.0	-24.35
	5755	151	ax (SU) (40MHz)	49/51.6 (MCS2)	3.69	30.0	-26.31
	5795	159	ax (SU) (40MHz)	49/51.6 (MCS2)	4.22	30.0	-25.78
	5775	155	ac (80MHz)	87.8/97.5 (MCS2)	0.58	30.0	-29.42
	5775	155	ax (SU) (80MHz)	102/108.1 (MCS2)	-1.14	30.0	-31.14

Table 7-128. Band 3 Power Spectral Density Measurements Antenna WF2 (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)	8.51	30.0	-21.49
	5785	157	n (20MHz)	39/43.3 (MCS4)	8.67	30.0	-21.33
	5825	165	n (20MHz)	39/43.3 (MCS4)	9.09	30.0	-20.92
	5745	149	ax (SU) (20MHz)	49/51.6 (MCS4)	6.76	30.0	-23.24
	5785	157	ax (SU) (20MHz)	49/51.6 (MCS4)	7.21	30.0	-22.79
	5825	165	ax (SU) (20MHz)	49/51.6 (MCS4)	7.82	30.0	-22.18
	5755	151	n (40MHz)	81/90 (MCS4)	5.31	30.0	-24.69
	5795	159	n (40MHz)	81/90 (MCS4)	5.14	30.0	-24.86
	5755	151	ax (SU) (40MHz)	98/103.2 (MCS4)	3.92	30.0	-26.08
	5795	159	ax (SU) (40MHz)	98/103.2 (MCS4)	4.27	30.0	-25.73
	5775	155	ac (80MHz)	175.5/195 (MCS4)	-0.61	30.0	-30.61
	5775	155	ax (SU) (80MHz)	204/216.2 (MCS4)	-2.45	30.0	-32.45

Table 7-129. Band 3 Power Spectral Density Measurements Antenna WF2 (Mid Data Rate)

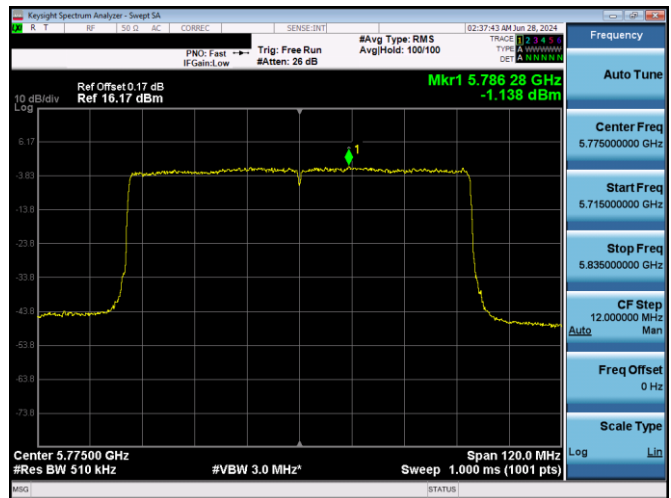
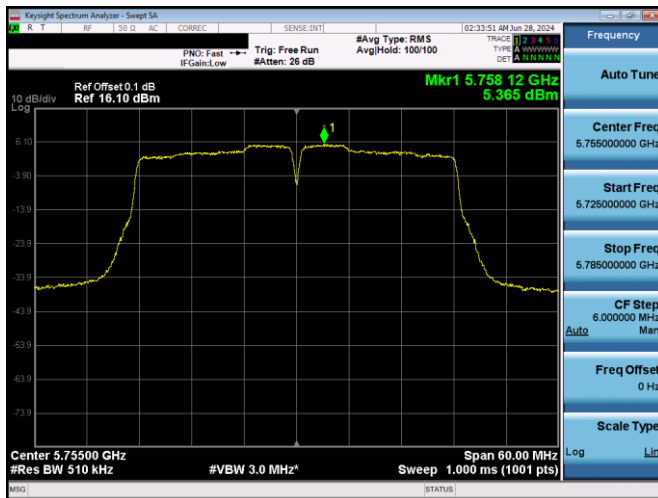
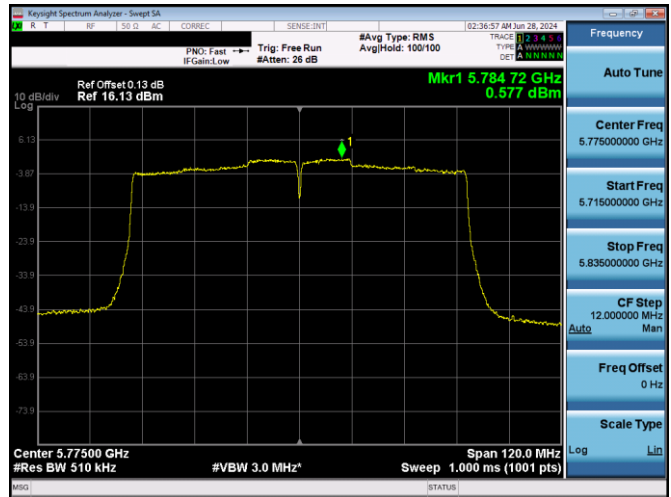
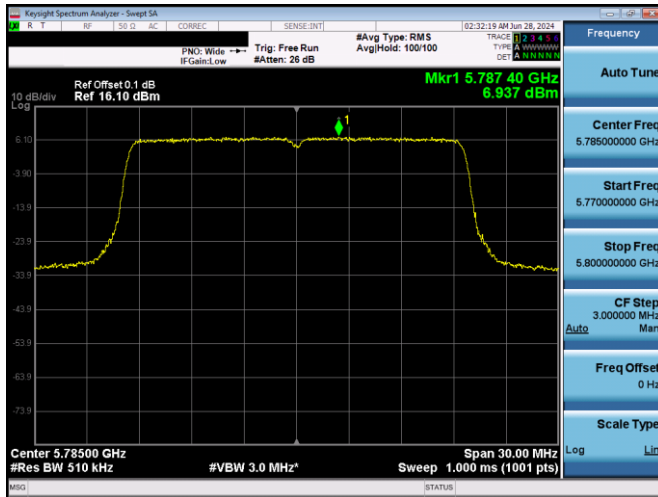
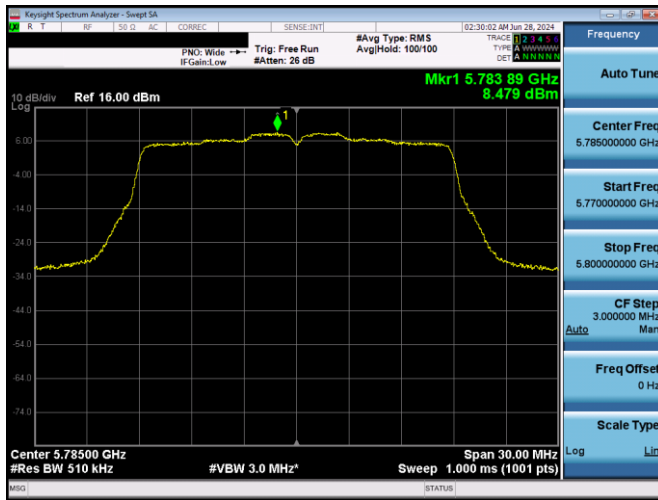
	Frequency [MHz]	Channel	802.11 MODE	Data Rate [Mbps]	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	65/72.2 (MCS7)	7.25	30.0	-22.75
	5785	157	n (20MHz)	65/72.2 (MCS7)	7.33	30.0	-22.67
	5825	165	n (20MHz)	65/72.2 (MCS7)	7.73	30.0	-22.27
	5745	149	ax (SU) (20MHz)	135/143.4 (MCS11)	7.56	30.0	-22.44
	5785	157	ax (SU) (20MHz)	135/143.4 (MCS11)	7.45	30.0	-22.55
	5825	165	ax (SU) (20MHz)	135/143.4 (MCS11)	7.69	30.0	-22.31
	5755	151	n (40MHz)	135/150 (MCS7)	4.63	30.0	-25.37
	5795	159	n (40MHz)	135/150 (MCS7)	4.32	30.0	-25.68
	5755	151	ax (SU) (40MHz)	271/286 (MCS11)	4.18	30.0	-25.82
	5795	159	ax (SU) (40MHz)	271/286 (MCS11)	4.49	30.0	-25.51
	5775	155	ac (80MHz)	390/433.3 (MCS9)	-1.41	30.0	-31.41
	5775	155	ax (SU) (80MHz)	567/600.5 (MCS11)	-2.02	30.0	-32.02

Table 7-130. Band 3 Power Spectral Density Measurements Antenna WF2 (High Data Rate)

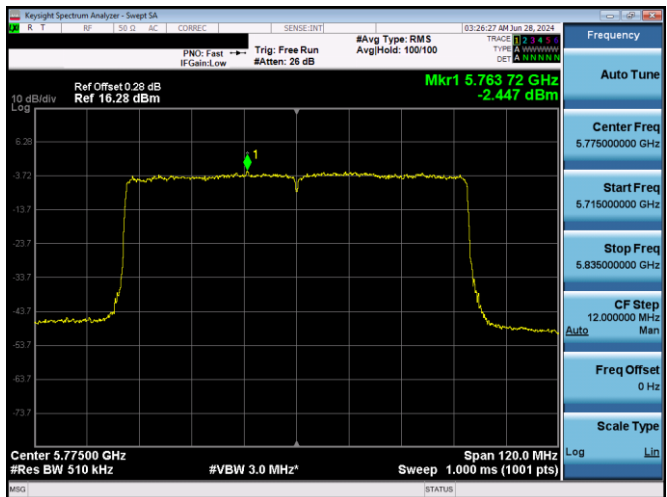
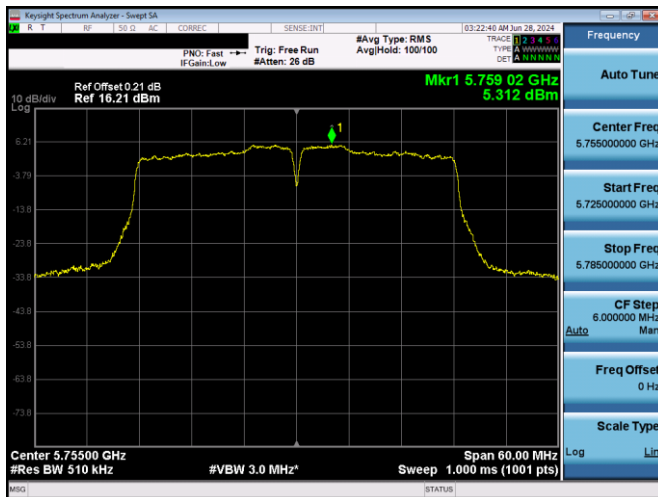
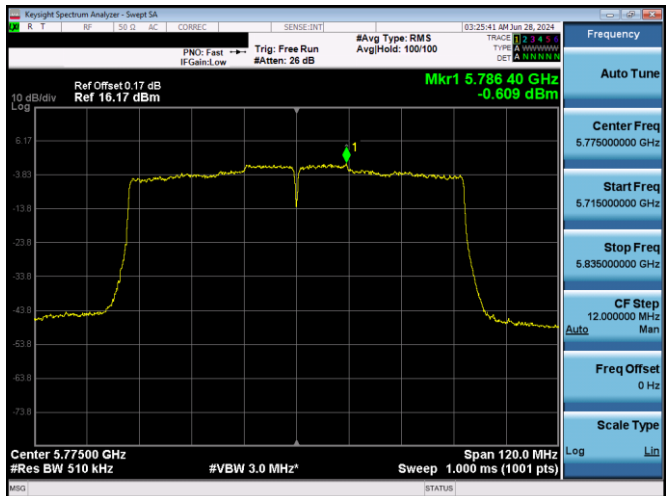
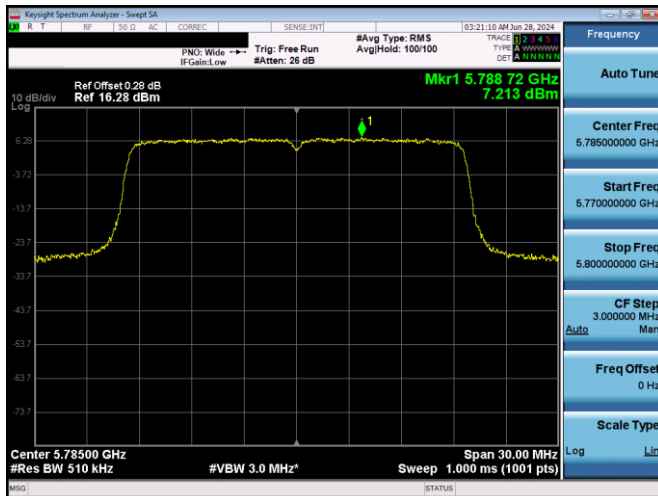
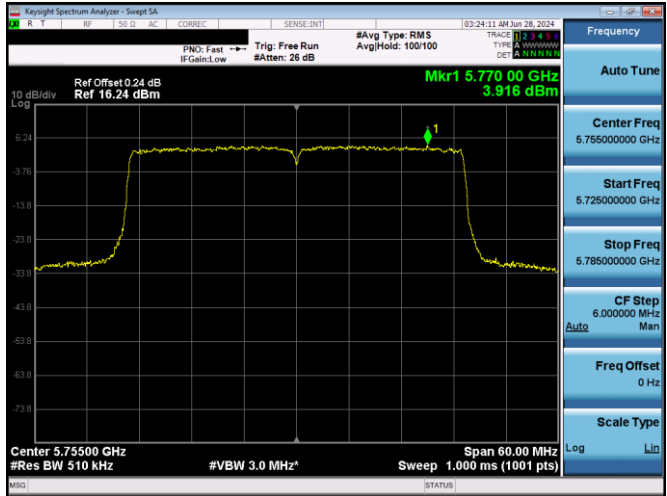
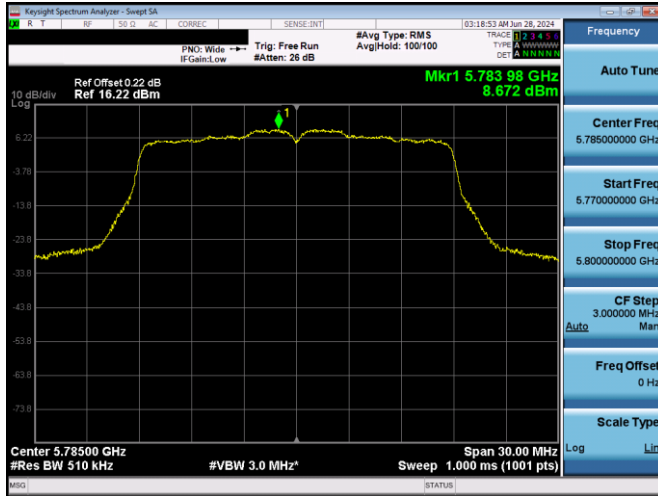
FCC ID: BCGA2993 IC: 579C-A2993	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2405200017-11.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 138 of 380

V 10.6 10/27/2023

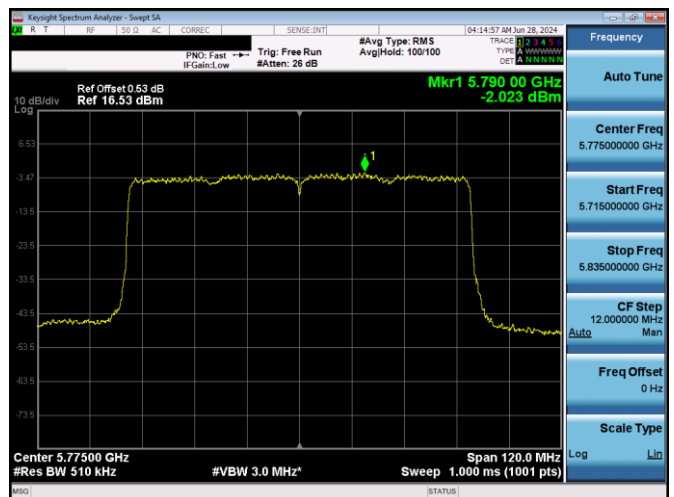
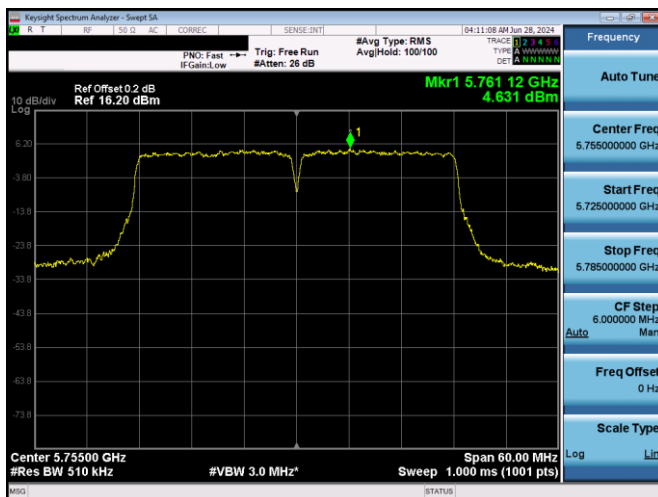
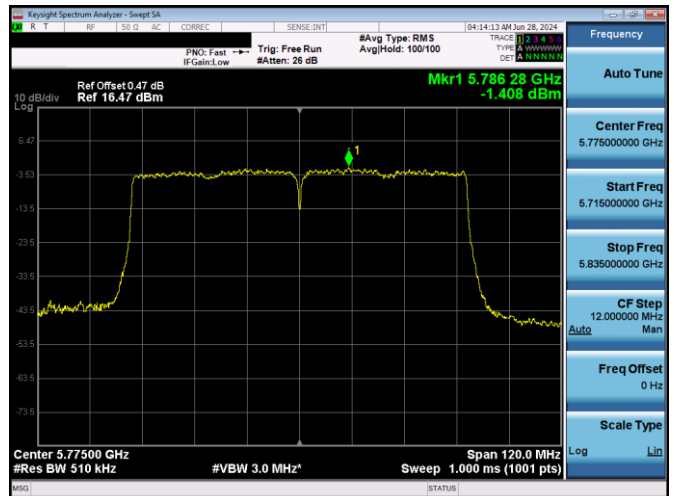
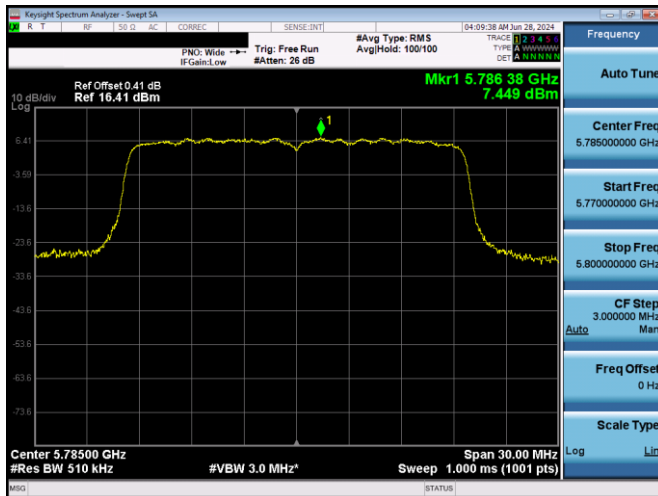
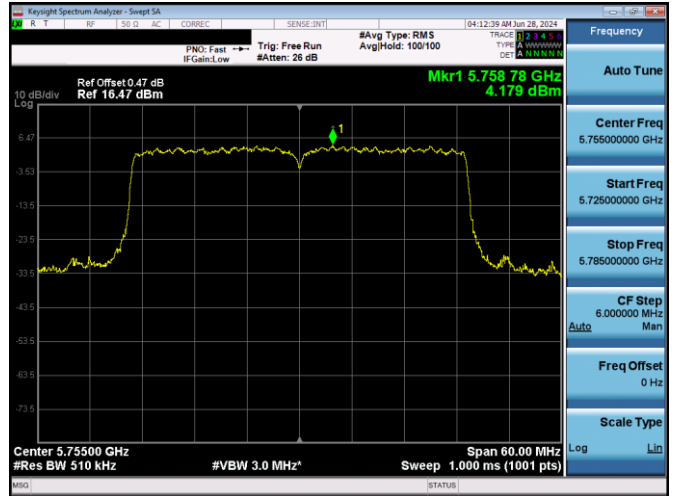
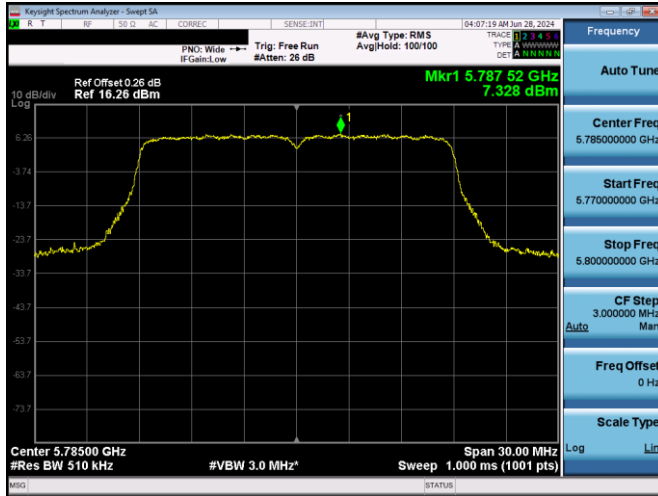
Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



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 139 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 140 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 141 of 380

V 10.6 10/27/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

	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)	2.64	0.10	2.74	10.0	-7.26
	5200	40	n (20MHz)	19.5/21.7 (MCS2)	2.82	0.10	2.92	10.0	-7.08
	5240	48	n (20MHz)	19.5/21.7 (MCS2)	2.85	0.10	2.95	10.0	-7.06
	5180	36	ax (SU) (20MHz)	24/25.8 (MCS2)	1.43	0.10	1.53	10.0	-8.47
	5200	40	ax (SU) (20MHz)	24/25.8 (MCS2)	1.16	0.10	1.26	10.0	-8.74
	5240	48	ax (SU) (20MHz)	24/25.8 (MCS2)	1.13	0.10	1.23	10.0	-8.78
	5190	38	n (40MHz)	40/40.5 (MCS2)	1.70	0.10	1.80	10.0	-8.20
	5230	46	n (40MHz)	40/40.5 (MCS2)	2.34	0.10	2.44	10.0	-7.56
	5190	38	ax (SU) (40MHz)	49/51.6 (MCS2)	0.08	0.10	0.18	10.0	-9.82
	5230	46	ax (SU) (40MHz)	49/51.6 (MCS2)	1.04	0.10	1.14	10.0	-8.86
	5210	42	ac (80MHz)	87.8/97.5 (MCS2)	-1.79	0.10	-1.69	10.0	-11.69
Band 1/2	5210	42	ax (SU) (80MHz)	102/108.1 (MCS2)	-4.08	0.10	-3.98	10.0	-13.98
	5250	50	ac (160MHz)	87.8/97.5 (MCS2)	-5.60	1.50	-4.10	10.0	-14.10
	5250	50	ax (SU) (160MHz)	102/108.1 (MCS2)	-7.03	1.50	-5.53	10.0	-15.53

Table 7-131. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna WF2 (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)	2.96	0.10	3.06	10.0	-6.94
	5200	40	n (20MHz)	39/43.3 (MCS4)	3.00	0.10	3.10	10.0	-6.90
	5240	48	n (20MHz)	39/43.3 (MCS4)	3.26	0.10	3.36	10.0	-6.64
	5180	36	ax (SU) (20MHz)	49/51.6 (MCS4)	1.29	0.10	1.39	10.0	-8.61
	5200	40	ax (SU) (20MHz)	49/51.6 (MCS4)	1.45	0.10	1.55	10.0	-8.45
	5240	48	ax (SU) (20MHz)	49/51.6 (MCS4)	1.50	0.10	1.60	10.0	-8.40
	5190	38	n (40MHz)	81/90 (MCS4)	0.99	0.10	1.09	10.0	-8.91
	5230	46	n (40MHz)	81/90 (MCS4)	2.36	0.10	2.46	10.0	-7.54
	5190	38	ax (SU) (40MHz)	98/103.2 (MCS4)	-0.70	0.10	-0.60	10.0	-10.60
	5230	46	ax (SU) (40MHz)	98/103.2 (MCS4)	1.18	0.10	1.28	10.0	-8.72
	5210	42	ac (80MHz)	175.5/195 (MCS4)	-2.31	0.10	-2.21	10.0	-12.21
Band 1/2	5210	42	ax (SU) (80MHz)	204/216.2 (MCS4)	-4.10	0.10	-4.00	10.0	-14.00
	5250	50	ac (160MHz)	175.5/195 (MCS4)	-6.09	1.50	-4.59	10.0	-14.59
	5250	50	ax (SU) (160MHz)	204/216.2 (MCS4)	-7.79	1.50	-6.29	10.0	-16.29

Table 7-132. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna WF2 (Mid Data Rate)

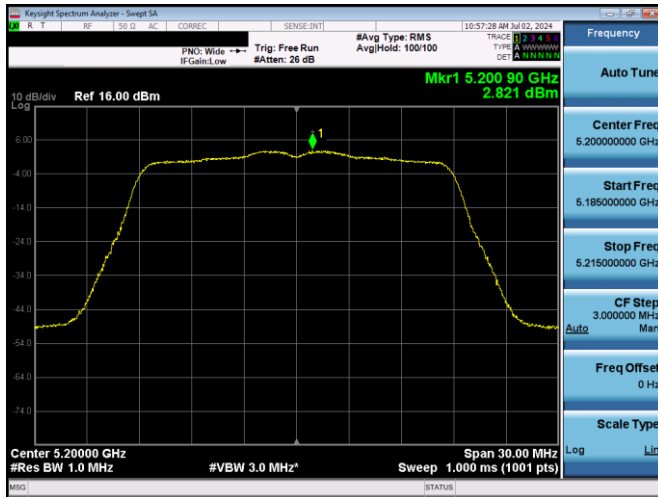
	Frequency [MHz]	Channel No.	802.11 MODE	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	65/72.2 (MCS7)	1.66	0.10	1.76	10.0	-8.24
	5200	40	n (20MHz)	65/72.2 (MCS7)	1.78	0.10	1.88	10.0	-8.13
	5240	48	n (20MHz)	65/72.2 (MCS7)	1.76	0.10	1.86	10.0	-8.15
	5180	36	ax (SU) (20MHz)	135/143.4 (MCS11)	1.71	0.10	1.81	10.0	-8.19
	5200	40	ax (SU) (20MHz)	135/143.4 (MCS11)	1.78	0.10	1.88	10.0	-8.12
	5240	48	ax (SU) (20MHz)	135/143.4 (MCS11)	1.60	0.10	1.70	10.0	-8.30
	5190	38	n (40MHz)	135/150 (MCS7)	-0.51	0.10	-0.41	10.0	-10.41
	5230	46	n (40MHz)	135/150 (MCS7)	1.32	0.10	1.42	10.0	-8.58
	5190	38	ax (SU) (40MHz)	271/286 (MCS11)	-0.94	0.10	-0.84	10.0	-10.84
	5230	46	ax (SU) (40MHz)	271/286 (MCS11)	1.39	0.10	1.49	10.0	-8.52
	5210	42	ac (80MHz)	390/433.3 (MCS9)	-4.52	0.10	-4.42	10.0	-14.42
Band 1/2	5210	42	ax (SU) (80MHz)	567/600.5 (MCS11)	-4.29	0.10	-4.19	10.0	-14.19
	5250	50	ac (160MHz)	390/433.3 (MCS9)	-8.91	1.50	-7.41	10.0	-17.41
	5250	50	ax (SU) (160MHz)	567/600.5 (MCS11)	-8.66	1.50	-7.16	10.0	-17.16

Table 7-133. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna WF2 (High Data Rate)

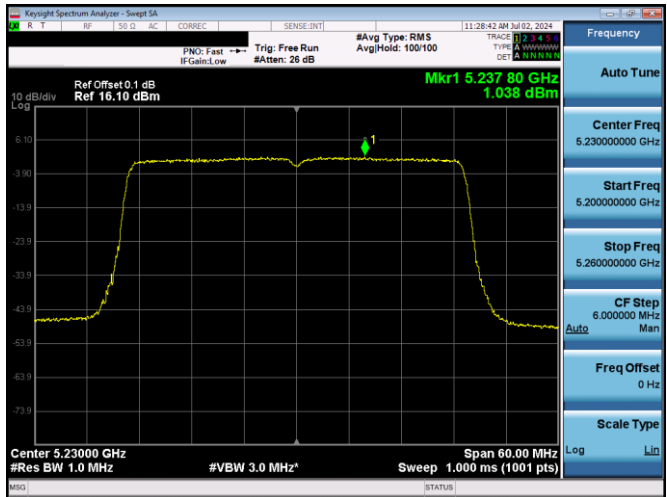
FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-11.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 142 of 380

V 10.6 10/27/2023

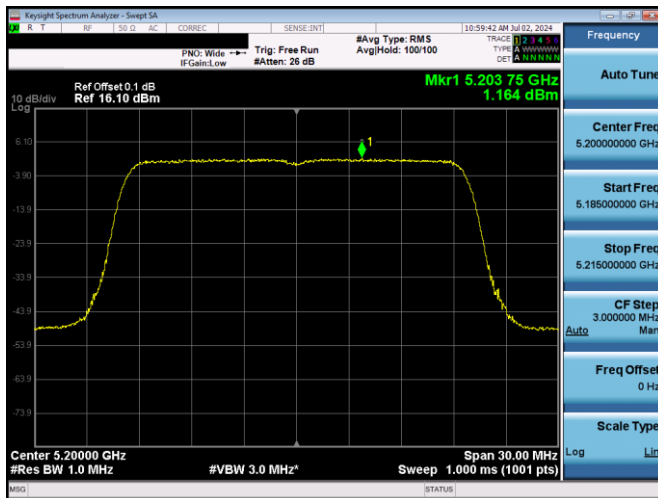
Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



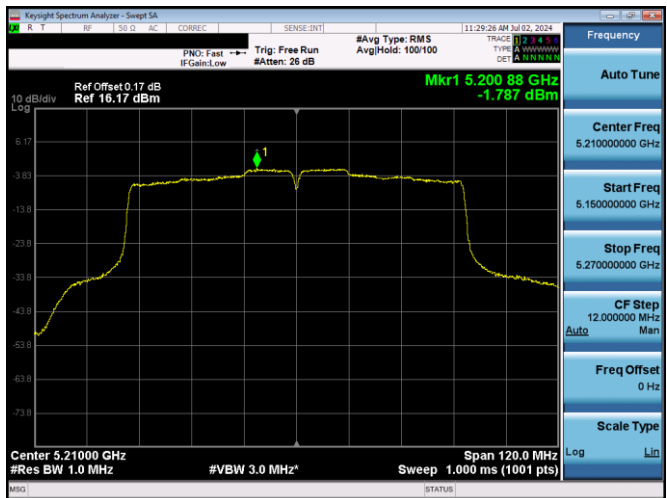
Plot 7-361. ISED PSD Antenna WF2 (20MHz BW 11n – Ch.40, MCS2)



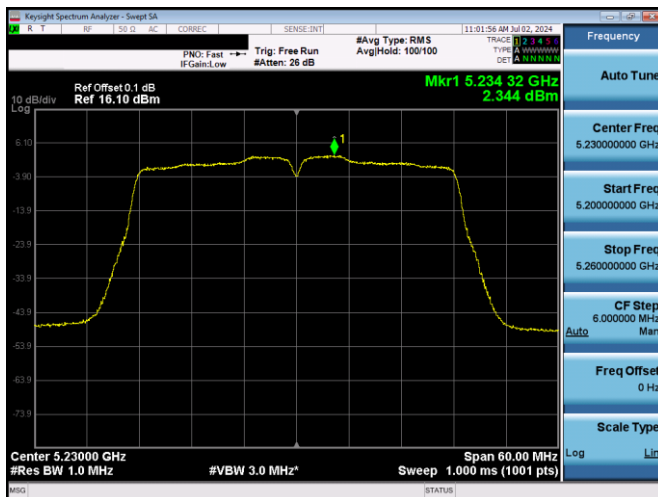
Plot 7-364. ISED PSD Antenna WF2 (40MHz BW 11ax(SU) – Ch.46, MCS2)



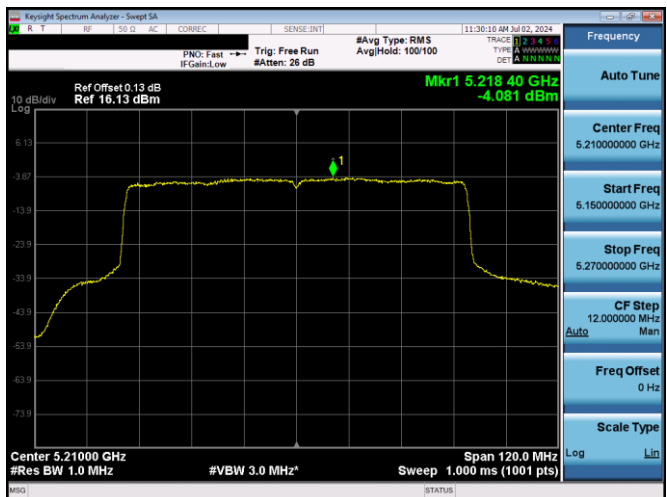
Plot 7-362. ISED PSD Antenna WF2 (20MHz BW 11ax(SU) – Ch.40, MCS2)



Plot 7-365. ISED PSD Antenna WF2 (80MHz BW 11ac – Ch.42, MCS2)



Plot 7-363. ISED PSD Antenna WF2 (40MHz BW 11n – Ch.46, MCS2)



Plot 7-366. ISED PSD Antenna WF2 (80MHz BW 11ax (SU) – Ch.42, MCS2)

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 143 of 380