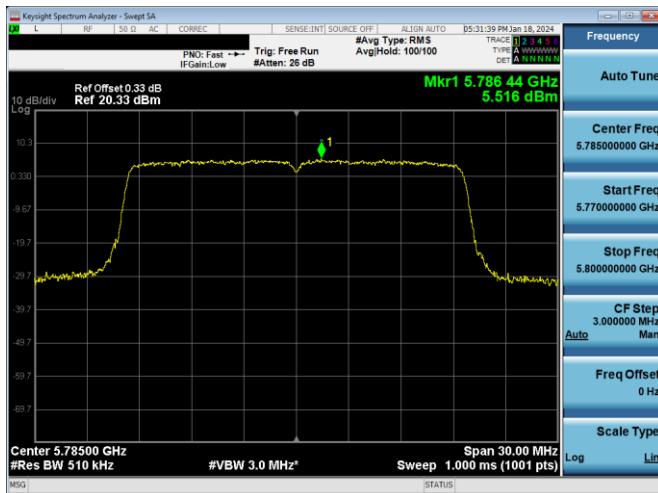
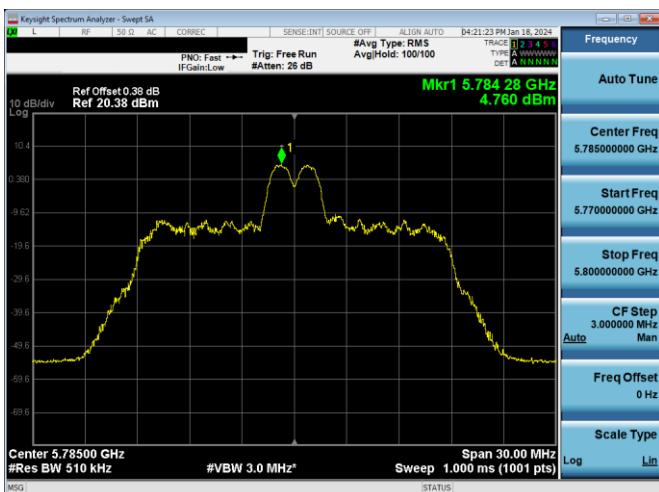


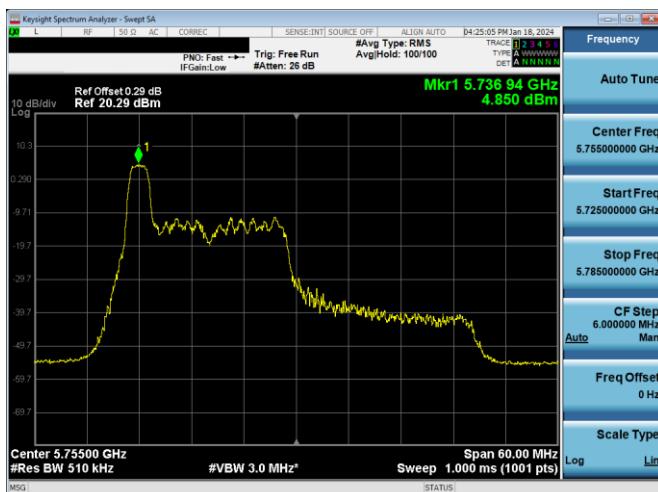
Plot 7-213. PSD Antenna 3c (20MHz BW 11ax Index 0 – RU26 – Ch.157)



Plot 7-216. PSD Antenna 3c (20MHz BW 11ax – RU242 – Ch.157)



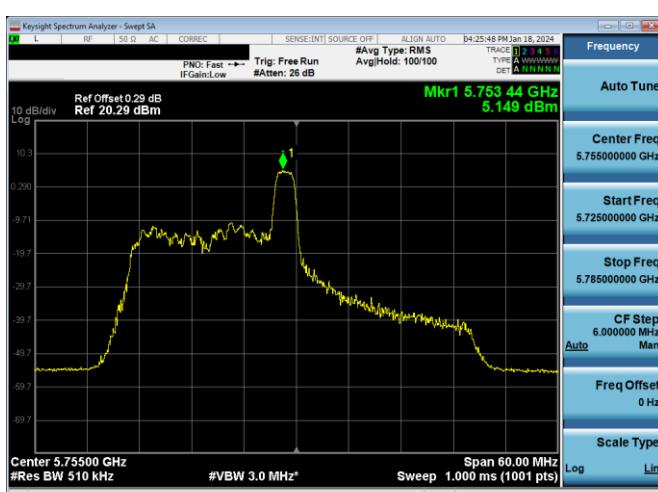
Plot 7-214. PSD Antenna 3c (20MHz BW 11ax Index 4 – RU26 – Ch.157)



Plot 7-217. PSD Antenna 3c (40MHz BW 11ax Index 0 – RU26 – Ch.151)



Plot 7-215. PSD Antenna 3c (20MHz BW 11ax Index 8 – RU26 – Ch.157)



Plot 7-218. PSD Antenna 3c (40MHz BW 11ax Index 8 – RU26 – Ch.151)

FCC ID: BCGA2903	 element
IC: 579C-A2903	

Test Report S/N:

1C2311270064-25-R1.BCG

MEASUREMENT REPORT (CERTIFICATION)
Test Dates:

11/28/2023 - 3/05/2024

EUT Type:

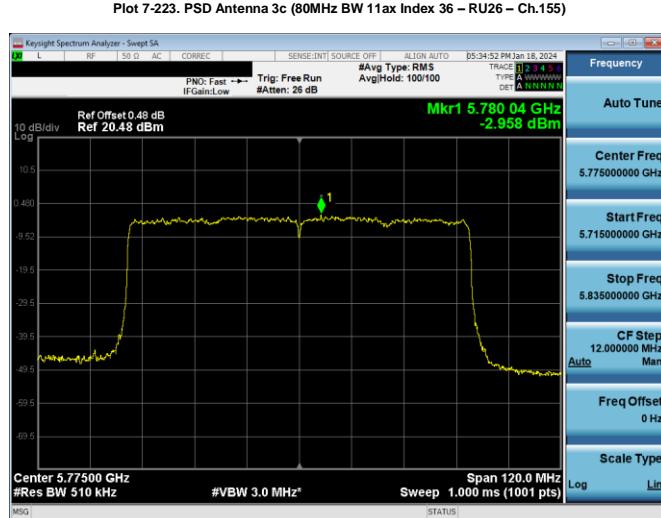
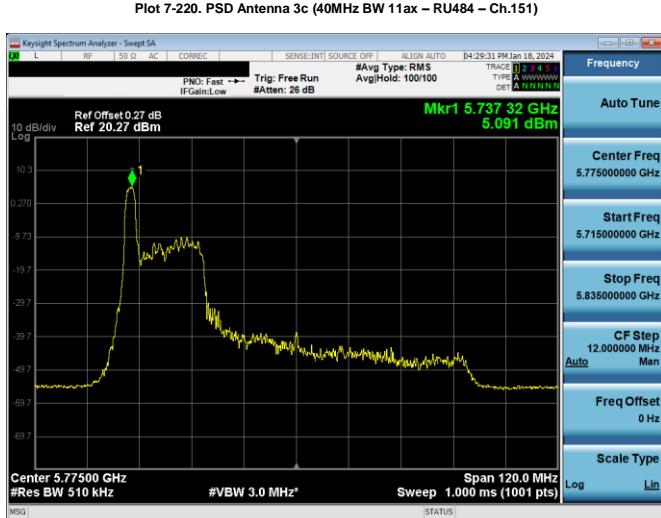
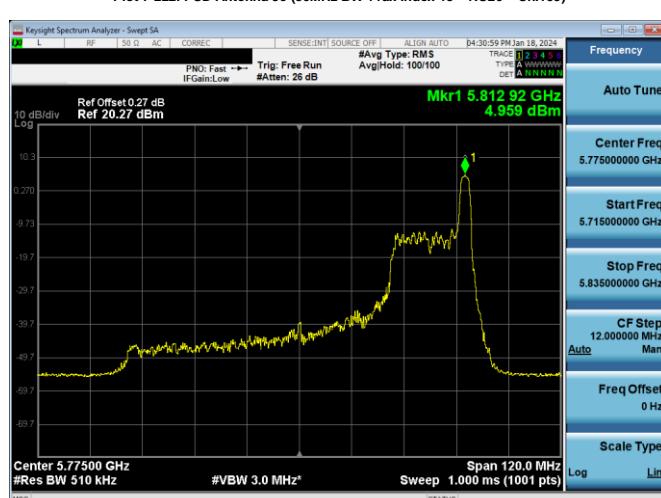
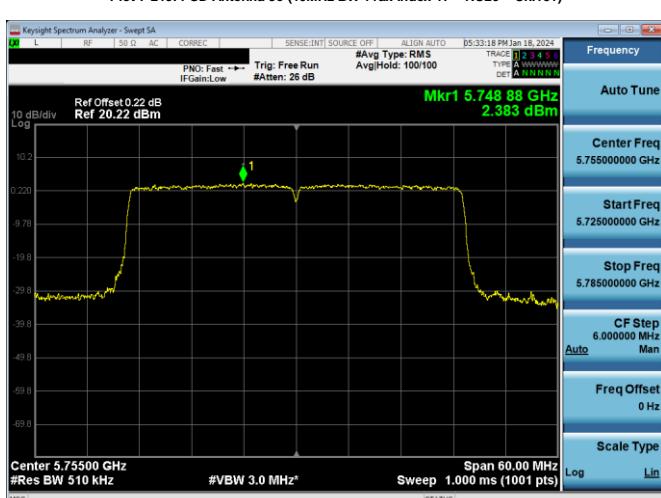
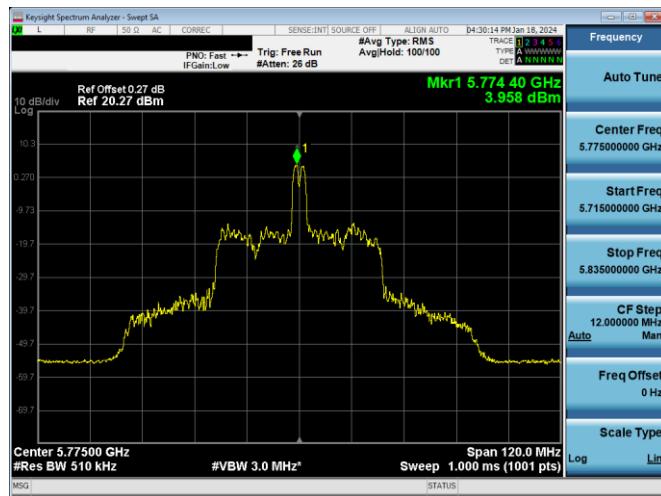
Tablet Device

Approved by:
 Technical Manager

Page 135 of 448

V 10.6 9/14/2023

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: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-25-R1.BCG	Test Dates: 11/28/2023 - 3/05/2024	EUT Type: Tablet Device	Page 136 of 448

	Frequency [MHz]	Channel No.	802.11 MODE	RU Size	RU Index	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	ax (20MHz)	26	0	12.5/14.7 (MCS11)	5.23	1.10	6.33	10.0	-3.68
				26	4	12.5/14.7 (MCS11)	4.76	1.10	5.86	10.0	-4.15
				26	8	12.5/14.7 (MCS11)	5.51	1.10	6.61	10.0	-3.39
	5200	40	ax (20MHz)	26	0	12.5/14.7 (MCS11)	5.38	1.10	6.48	10.0	-3.52
				26	4	12.5/14.7 (MCS11)	4.62	1.10	5.72	10.0	-4.28
				26	8	12.5/14.7 (MCS11)	5.09	1.10	6.19	10.0	-3.81
	5240	48	ax (20MHz)	26	0	12.5/14.7 (MCS11)	5.16	1.10	6.26	10.0	-3.74
				26	4	12.5/14.7 (MCS11)	4.11	1.10	5.21	10.0	-4.79
				26	8	12.5/14.7 (MCS11)	4.72	1.10	5.82	10.0	-4.18
	5190	38	ax (40MHz)	26	0	12.5/14.7 (MCS11)	5.95	1.10	7.05	10.0	-2.95
				26	8	12.5/14.7 (MCS11)	5.92	1.10	7.02	10.0	-2.99
				26	17	12.5/14.7 (MCS11)	6.29	1.10	7.39	10.0	-2.61
	5230	46	ax (40MHz)	26	0	12.5/14.7 (MCS11)	6.10	1.10	7.20	10.0	-2.80
				26	8	12.5/14.7 (MCS11)	6.07	1.10	7.17	10.0	-2.83
				26	17	12.5/14.7 (MCS11)	5.25	1.10	6.35	10.0	-3.65
	5210	42	ax (80MHz)	26	0	12.5/14.7 (MCS11)	6.26	1.10	7.36	10.0	-2.64
				26	18	12.5/14.7 (MCS11)	4.99	1.10	6.09	10.0	-3.91
				26	36	12.5/14.7 (MCS11)	5.85	1.10	6.95	10.0	-3.06
	5250	50 (L)	ax (160MHz)	52	37	25/29.4 (MCS11)	5.47	1.10	6.57	10.0	-3.43
				52	52	25/29.4 (MCS11)	4.57	1.10	5.67	10.0	-4.33

Table 7-172. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 3c (RU26/52)

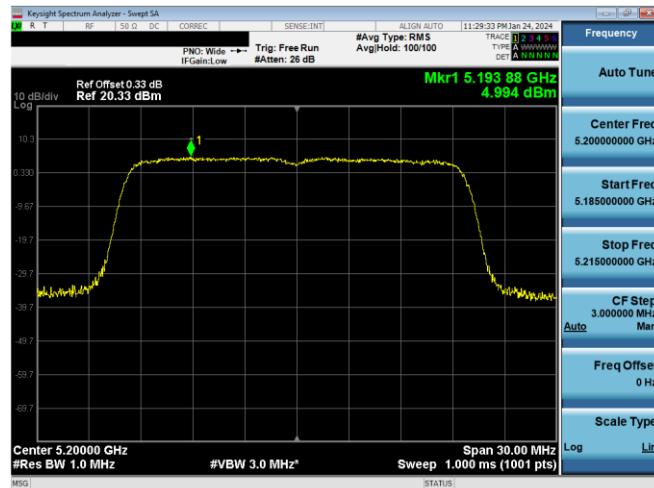
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	ax (20MHz)	242	61	121.9/143.4 (MCS11)	3.45	1.10	4.55	10.0	-5.45
	5200	40	ax (20MHz)	242	61	121.9/143.4 (MCS11)	4.99	1.10	6.09	10.0	-3.91
	5240	48	ax (20MHz)	242	61	121.9/143.4 (MCS11)	4.66	1.10	5.76	10.0	-4.24
	5190	38	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-0.18	1.10	0.92	10.0	-9.08
	5230	46	ax (40MHz)	484	65	243.8/286.8 (MCS11)	4.04	1.10	5.14	10.0	-4.86
	5210	42	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-3.55	1.10	-2.45	10.0	-12.45
	5250	50	ax (160MHz)	996x2	68	510.4/600.5 (MCS11)	-8.30	1.10	-7.20	10.0	-17.20

Table 7-173. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 3c (Fully-loaded RU)

FCC ID: BCGA2903 IC: 579C-A2903	MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
Test Report S/N: 1C2311270064-25-R1.BCG	Test Dates: 11/28/2023 - 3/05/2024	EUT Type: Tablet Device	Page 137 of 448	



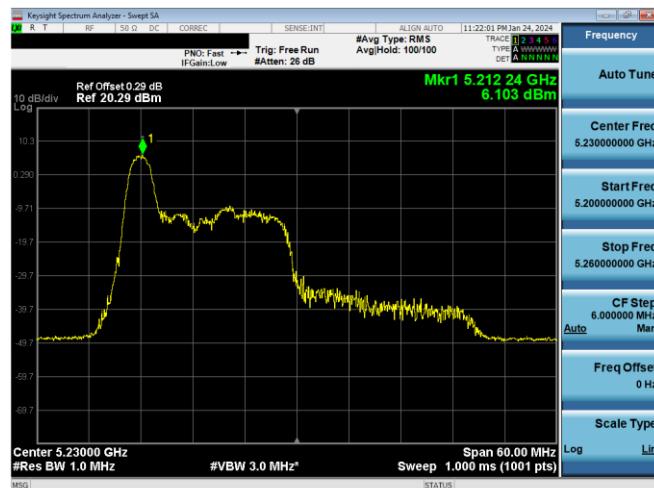
Plot 7-225. ISED PSD Antenna 3c (20MHz BW 11ax Index 0 – RU26 – Ch.40)



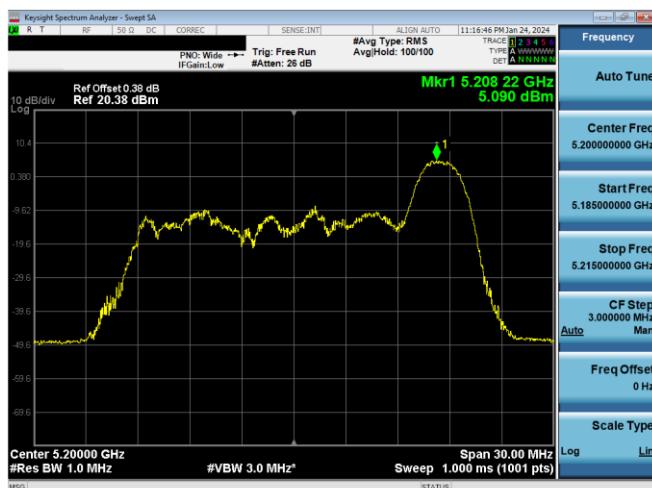
Plot 7-228. ISED PSD Antenna 3c (20MHz BW 11ax Index 0 – RU26 – Ch.40)



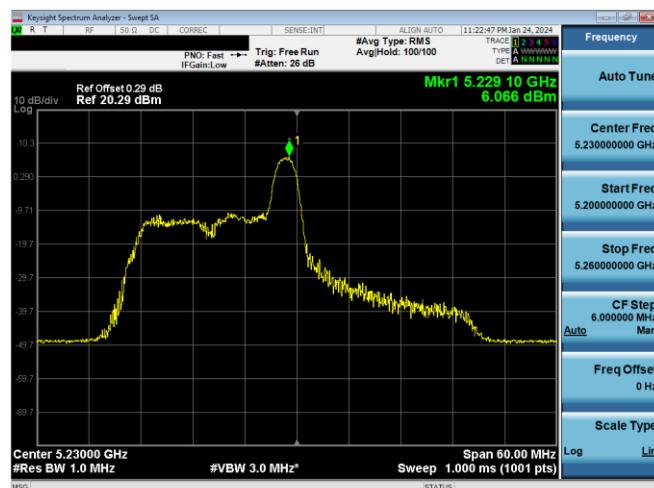
Plot 7-226. ISED PSD Antenna 3c (20MHz BW 11ax Index 4 – RU26 – Ch.40)



Plot 7-229. ISED PSD Antenna 3c (40MHz BW 11ax Index 0 – RU26 – Ch.46)



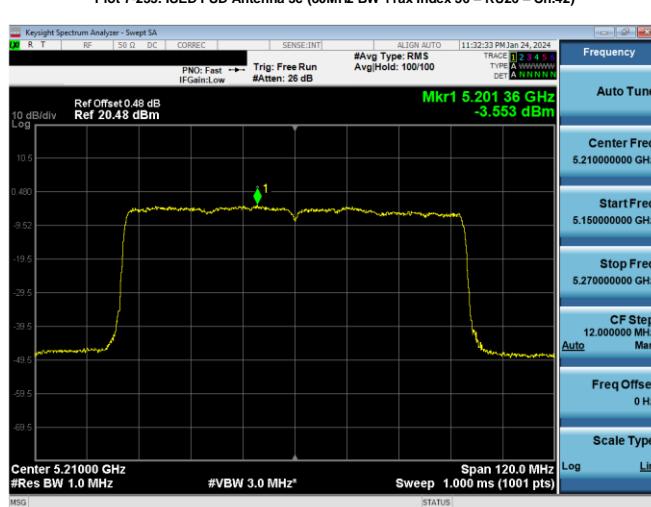
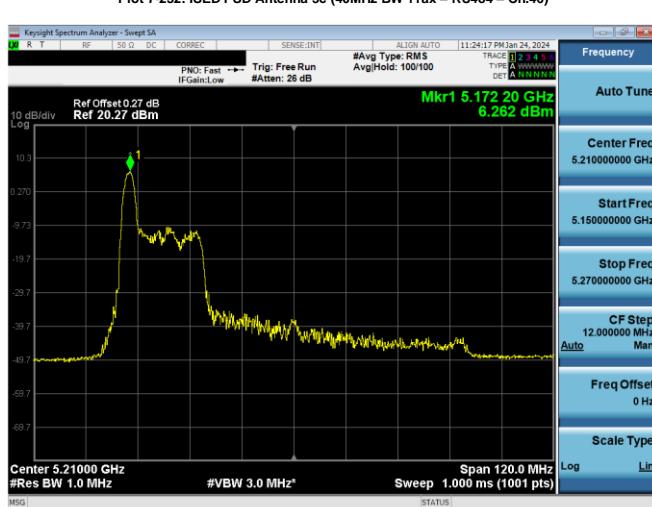
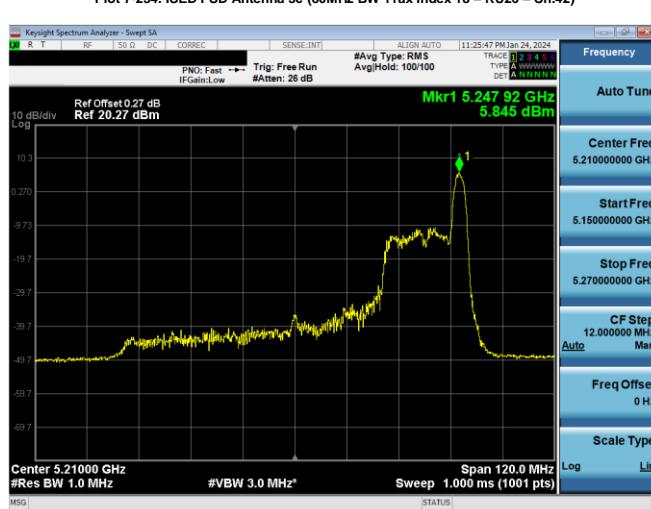
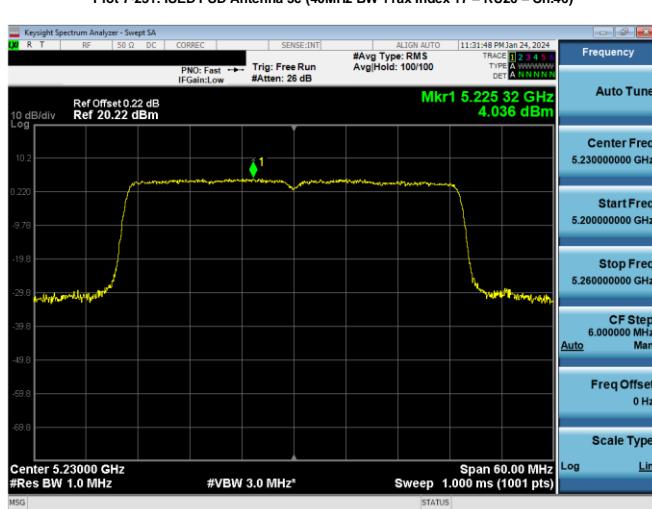
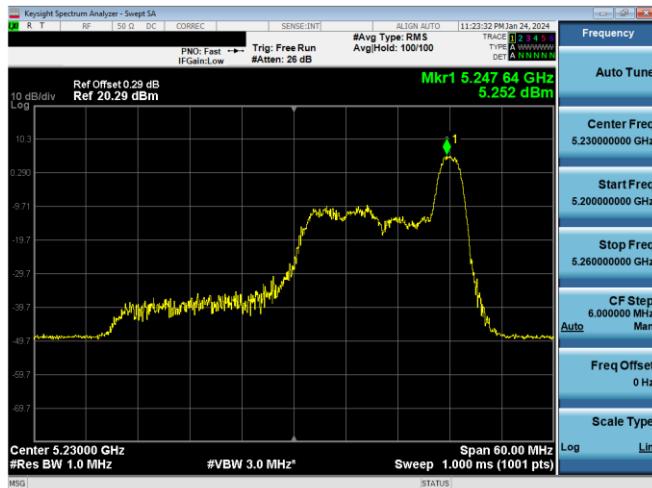
Plot 7-227. ISED PSD Antenna 3c (20MHz BW 11ax Index 8 – RU26 – Ch.40)



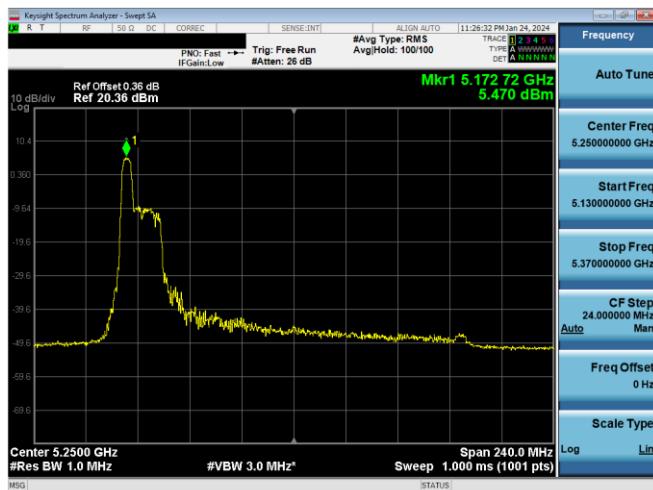
Plot 7-230. ISED PSD Antenna 3c (40MHz BW 11ax Index 8 – RU26 – Ch.46)

FCC ID: BCGA2903 IC: 579C-A2903	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-25-R1.BCG	Test Dates: 11/28/2023 - 3/05/2024	EUT Type: Tablet Device	Page 138 of 448

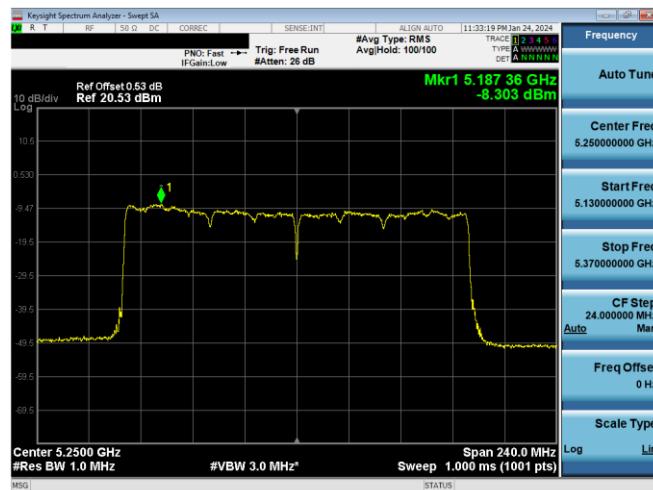
Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry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



FCC ID: BCGA2903 IC: 579C-A2903	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-25-R1.BCG	Test Dates: 11/28/2023 - 3/05/2024	EUT Type: Tablet Device	Page 139 of 448



Plot 7-237. ISED PSD Antenna 3c (160MHz BW 11ax Index 37 – RU52 – Ch.50)



Plot 7-239. ISED PSD Antenna 3c (160MHz BW 11ax – RU996x2 – Ch.50)



Plot 7-238. ISED PSD Antenna 3c (160MHz BW 11ax Index 44 – RU52 – Ch.50)

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-25-R1.BCG	Test Dates: 11/28/2023 - 3/05/2024	EUT Type: Tablet Device	Page 140 of 448

Antenna 3a Power Spectral Density Measurements

Frequency [MHz]	Channel No.	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]	
Band 1	5180	36	ax (20MHz)	26	0	12.5/14.7 (MCS11)	7.51	11.0	-3.49
				26	4	12.5/14.7 (MCS11)	6.58	11.0	-4.42
				26	8	12.5/14.7 (MCS11)	7.22	11.0	-3.78
	5200	40	ax (20MHz)	26	0	12.5/14.7 (MCS11)	7.85	11.0	-3.15
				26	4	12.5/14.7 (MCS11)	6.43	11.0	-4.57
				26	8	12.5/14.7 (MCS11)	7.62	11.0	-3.38
	5240	48	ax (20MHz)	26	0	12.5/14.7 (MCS11)	7.90	11.0	-3.10
				26	4	12.5/14.7 (MCS11)	6.99	11.0	-4.01
				26	8	12.5/14.7 (MCS11)	8.01	11.0	-2.99
	5190	38	ax (40MHz)	26	0	12.5/14.7 (MCS11)	7.29	11.0	-3.71
				26	8	12.5/14.7 (MCS11)	7.94	11.0	-3.06
				26	17	12.5/14.7 (MCS11)	7.50	11.0	-3.50
	5230	46	ax (40MHz)	26	0	12.5/14.7 (MCS11)	7.75	11.0	-3.25
				26	8	12.5/14.7 (MCS11)	7.74	11.0	-3.27
				26	17	12.5/14.7 (MCS11)	7.84	11.0	-3.16
	5210	42	ax (80MHz)	26	0	12.5/14.7 (MCS11)	7.83	11.0	-3.17
				26	18	12.5/14.7 (MCS11)	6.74	11.0	-4.27
				26	36	12.5/14.7 (MCS11)	7.25	11.0	-3.75

Table 7-174. Band 1 Power Spectral Density Measurements Antenna 3a (RU26)

FCC ID: BCGA2903 IC: 579C-A2903	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-25-R1.BCG	Test Dates: 11/28/2023 - 3/05/2024	EUT Type: Tablet Device	Page 141 of 448

Frequency [MHz]	Channel No.	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]	
Band 1/2A	5250	50 (L)	ax (160MHz)	52	37	25/29.4 (MCS11)	6.26	11.0	-4.75
				52	52	25/29.4 (MCS11)	6.41	11.0	-4.59
				52	52	25/29.4 (MCS11)	6.16	11.0	-4.84
Band 2A	5260	52	ax (20MHz)	52	37	25/29.4 (MCS11)	8.61	11.0	-2.39
				52	38	25/29.4 (MCS11)	8.24	11.0	-2.76
				52	40	25/29.4 (MCS11)	8.33	11.0	-2.67
Band 2A	5280	60	ax (20MHz)	52	37	25/29.4 (MCS11)	7.95	11.0	-3.05
				52	38	25/29.4 (MCS11)	8.18	11.0	-2.82
				52	40	25/29.4 (MCS11)	7.96	11.0	-3.04
Band 2A	5320	64	ax (20MHz)	52	37	25/29.4 (MCS11)	8.02	11.0	-2.98
				52	38	25/29.4 (MCS11)	8.26	11.0	-2.74
				52	40	25/29.4 (MCS11)	8.24	11.0	-2.77
Band 2A	5270	54	ax (40MHz)	52	37	25/29.4 (MCS11)	8.08	11.0	-2.92
				52	40	25/29.4 (MCS11)	8.12	11.0	-2.88
				52	44	25/29.4 (MCS11)	8.06	11.0	-2.94
Band 2A	5310	62	ax (40MHz)	52	37	25/29.4 (MCS11)	8.35	11.0	-2.65
				52	40	25/29.4 (MCS11)	7.97	11.0	-3.03
				52	44	25/29.4 (MCS11)	8.14	11.0	-2.86
Band 2A	5290	58	ax (80MHz)	52	37	25/29.4 (MCS11)	7.47	11.0	-3.53
				52	44	25/29.4 (MCS11)	7.21	11.0	-3.79
				52	52	25/29.4 (MCS11)	7.53	11.0	-3.47
Band 2C	5500	100	ax (20MHz)	52	37	25/29.4 (MCS11)	8.00	11.0	-3.00
				52	38	25/29.4 (MCS11)	7.81	11.0	-3.19
				52	40	25/29.4 (MCS11)	7.79	11.0	-3.21
Band 2C	5580	116	ax (20MHz)	52	37	25/29.4 (MCS11)	8.38	11.0	-2.63
				52	38	25/29.4 (MCS11)	8.37	11.0	-2.63
				52	40	25/29.4 (MCS11)	8.29	11.0	-2.71
Band 2C	5720	144	ax (20MHz)	52	37	25/29.4 (MCS11)	8.46	11.0	-2.54
				52	38	25/29.4 (MCS11)	8.04	11.0	-2.96
				52	40	25/29.4 (MCS11)	7.77	11.0	-3.24
Band 2C	5510	102	ax (40MHz)	52	37	25/29.4 (MCS11)	7.66	11.0	-3.35
				52	40	25/29.4 (MCS11)	7.33	11.0	-3.67
				52	44	25/29.4 (MCS11)	7.15	11.0	-3.85
Band 2C	5550	110	ax (40MHz)	52	37	25/29.4 (MCS11)	8.18	11.0	-2.83
				52	40	25/29.4 (MCS11)	8.38	11.0	-2.63
				52	44	25/29.4 (MCS11)	7.97	11.0	-3.03
Band 2C	5590	118	ax (40MHz)	52	37	25/29.4 (MCS11)	8.21	11.0	-2.79
				52	40	25/29.4 (MCS11)	7.95	11.0	-3.05
				52	44	25/29.4 (MCS11)	8.30	11.0	-2.70
Band 2C	5670	134	ax (40MHz)	52	37	25/29.4 (MCS11)	8.15	11.0	-2.85
				52	40	25/29.4 (MCS11)	8.15	11.0	-2.85
				52	44	25/29.4 (MCS11)	8.52	11.0	-2.49
Band 2C	5710	142	ax (40MHz)	52	37	25/29.4 (MCS11)	8.07	11.0	-2.93
				52	40	25/29.4 (MCS11)	8.18	11.0	-2.82
				52	44	25/29.4 (MCS11)	8.13	11.0	-2.87
Band 2C	5530	106	ax (80MHz)	52	37	25/29.4 (MCS11)	7.05	11.0	-3.95
				52	44	25/29.4 (MCS11)	7.25	11.0	-3.76
				52	52	25/29.4 (MCS11)	7.34	11.0	-3.66
Band 2C	5610*	122	ax (80MHz)	52	37	25/29.4 (MCS11)	8.44	11.0	-2.56
				52	44	25/29.4 (MCS11)	8.30	11.0	-2.70
				52	52	25/29.4 (MCS11)	8.17	11.0	-2.83
Band 2C	5690	138	ax (80MHz)	52	37	25/29.4 (MCS11)	8.03	11.0	-2.97
				52	44	25/29.4 (MCS11)	7.88	11.0	-3.12
				52	52	25/29.4 (MCS11)	7.89	11.0	-3.11
Band 2C	5570*	114 (L)	ax (160MHz)	52	37	25/29.4 (MCS11)	5.93	11.0	-5.08
				52	52	25/29.4 (MCS11)	5.66	11.0	-5.34
				52	52	25/29.4 (MCS11)	6.02	11.0	-4.98

Table 7-175. Bands 2A, 2C Power Spectral Density Measurements Antenna 3a (RU52)

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

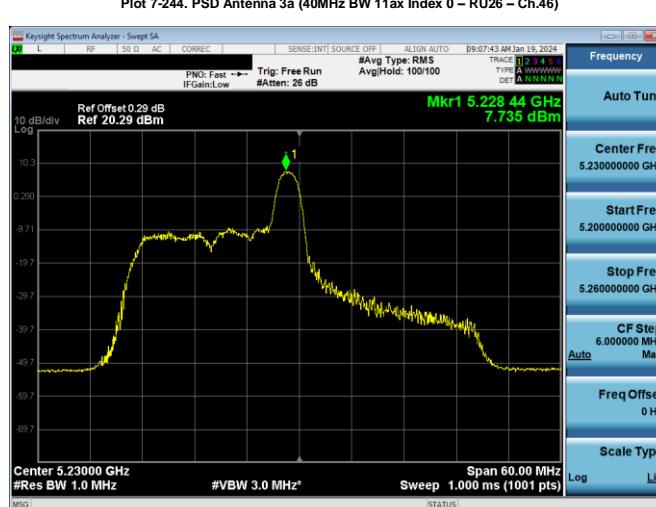
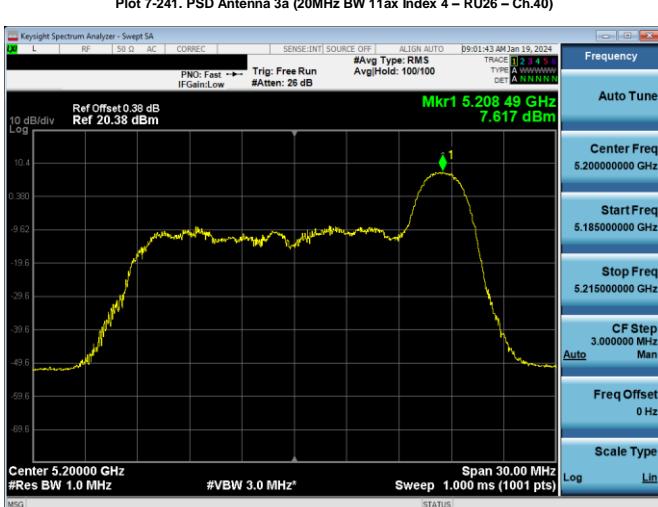
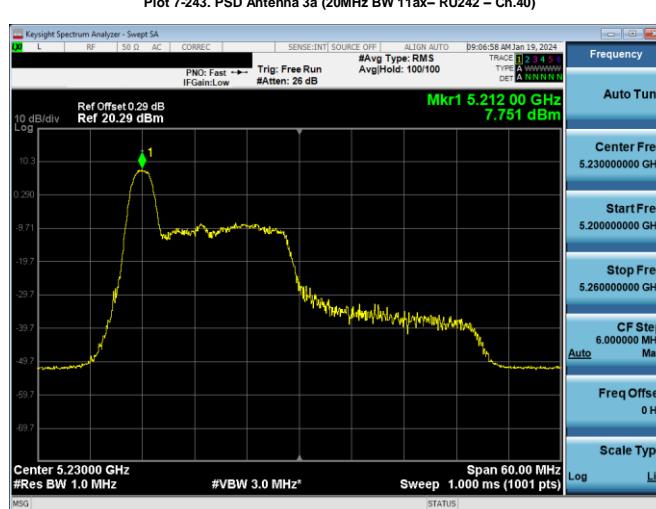
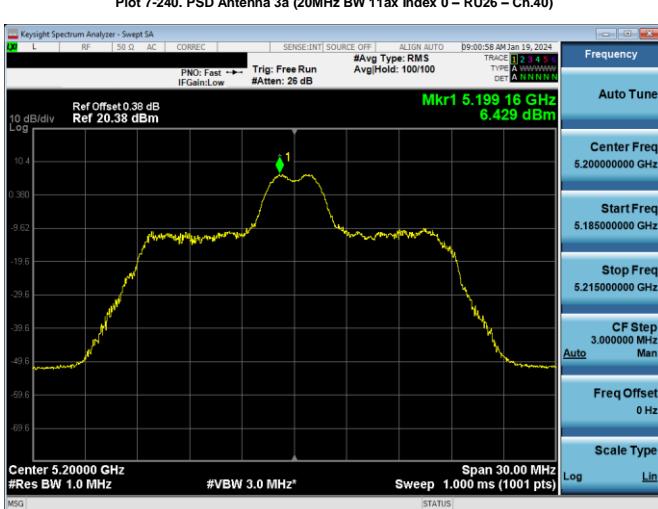
FCC ID: BCGA2903 IC: 579C-A2903	e element			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-25-R1.BCG	Test Dates: 11/28/2023 - 3/05/2024	EUT Type: Tablet Device	Page 142 of 448		
Unless otherwise specified, no part of this report may be reproduced or utilized 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	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	ax (20MHz)	242	61	121.9/143.4 (MCS11)	4.46	11.0	-6.55
	5200	40	ax (20MHz)	242	61	121.9/143.4 (MCS11)	7.97	11.0	-3.03
	5240	48	ax (20MHz)	242	61	121.9/143.4 (MCS11)	8.17	11.0	-2.83
	5190	38	ax (40MHz)	484	65	243.8/286.8 (MCS11)	0.06	11.0	-10.94
	5230	46	ax (40MHz)	484	65	243.8/286.8 (MCS11)	4.88	11.0	-6.12
	5210	42	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-2.42	11.0	-13.42
	5250	50	ax (160MHz)	996x2	68	510.4/600.5 (MCS11)	-7.84	11.0	-18.84
Band 1/2A	5260	52	ax (20MHz)	242	61	121.9/143.4 (MCS11)	8.12	11.0	-2.88
	5280	60	ax (20MHz)	242	61	121.9/143.4 (MCS11)	8.28	11.0	-2.72
	5320	64	ax (20MHz)	242	61	121.9/143.4 (MCS11)	4.71	11.0	-6.29
	5270	54	ax (40MHz)	484	65	243.8/286.8 (MCS11)	5.00	11.0	-6.01
	5310	62	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-0.36	11.0	-11.36
Band 2A	5290	58	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-3.85	11.0	-14.85
	5500	100	ax (20MHz)	242	61	121.9/143.4 (MCS11)	3.09	11.0	-7.91
	5580	116	ax (20MHz)	242	61	121.9/143.4 (MCS11)	8.43	11.0	-2.57
	5700	140	ax (20MHz)	242	61	121.9/143.4 (MCS11)	2.35	11.0	-8.66
	5720	144	ax (20MHz)	242	61	121.9/143.4 (MCS11)	8.09	11.0	-2.92
	5510	102	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-1.50	11.0	-12.50
	5550	110	ax (40MHz)	484	65	243.8/286.8 (MCS11)	3.12	11.0	-7.88
	5590	118	ax (40MHz)	484	65	243.8/286.8 (MCS11)	5.25	11.0	-5.75
	5670	134	ax (40MHz)	484	65	243.8/286.8 (MCS11)	0.73	11.0	-10.27
	5710	142	ax (40MHz)	484	65	243.8/286.8 (MCS11)	5.37	11.0	-5.63
	5530	106	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-4.08	11.0	-15.08
	5610*	122	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-0.53	11.0	-11.53
	5690	138	ax (80MHz)	996	67	510.4/600.5 (MCS11)	2.67	11.0	-8.33
	5570*	114	ax (160MHz)	996x2	68	510.4/600.5 (MCS11)	-8.48	11.0	-19.48

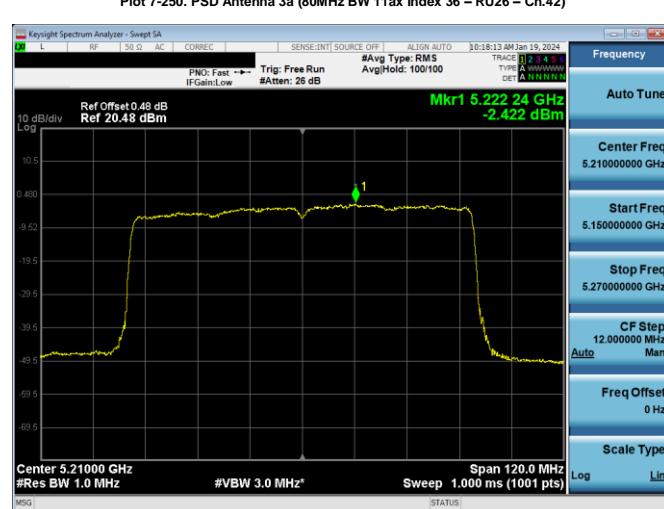
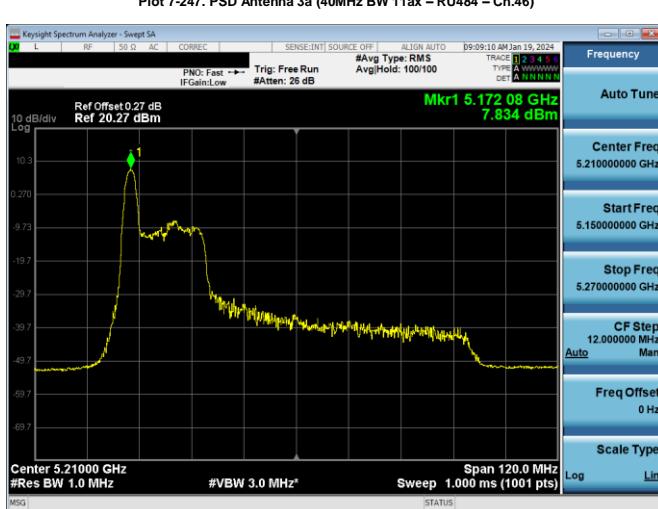
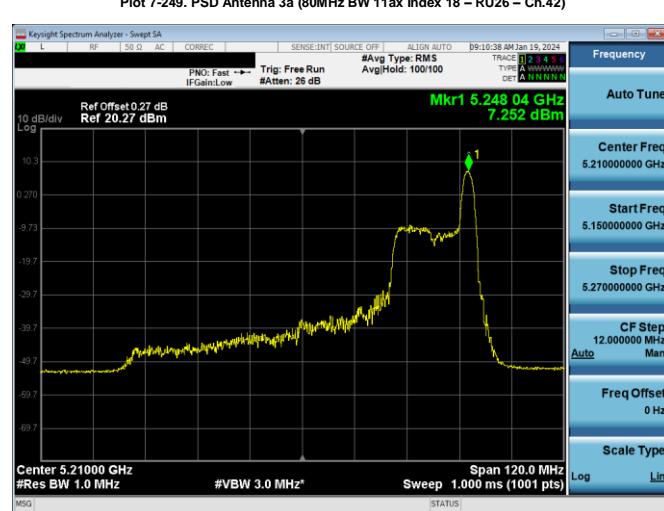
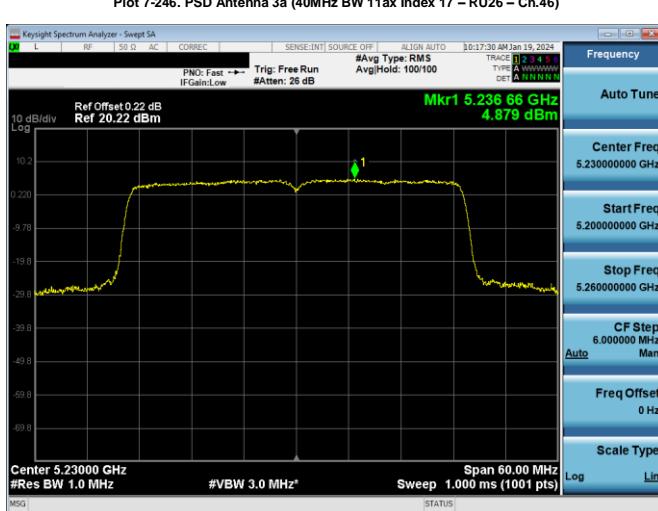
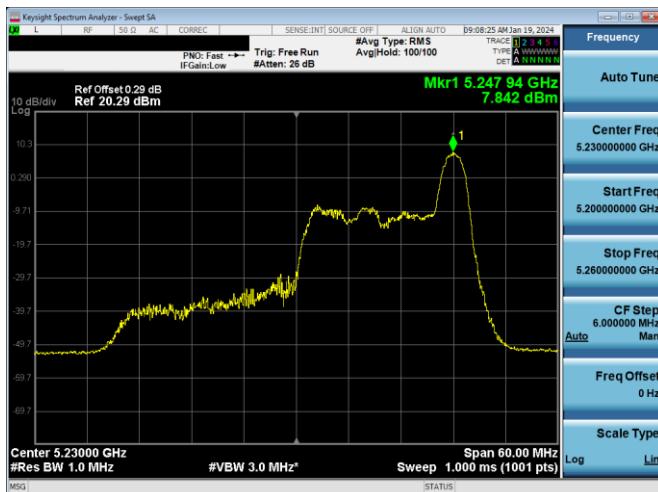
Table 7-176. Bands 1, 2A, 2C Power Spectral Density Measurements Antenna 3a (Fully-loaded RU)

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

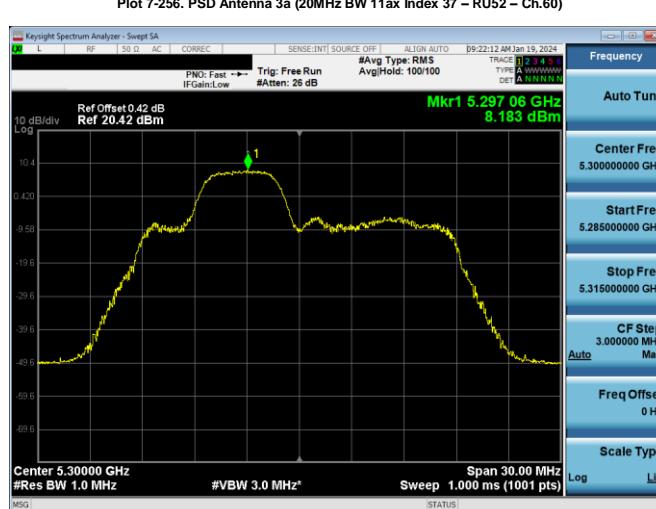
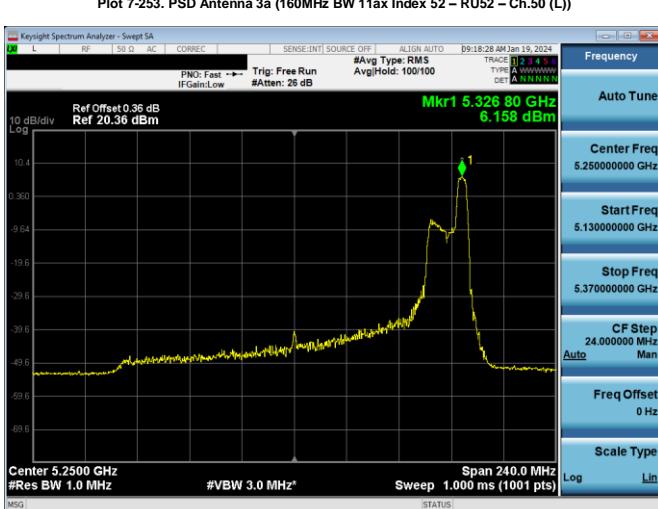
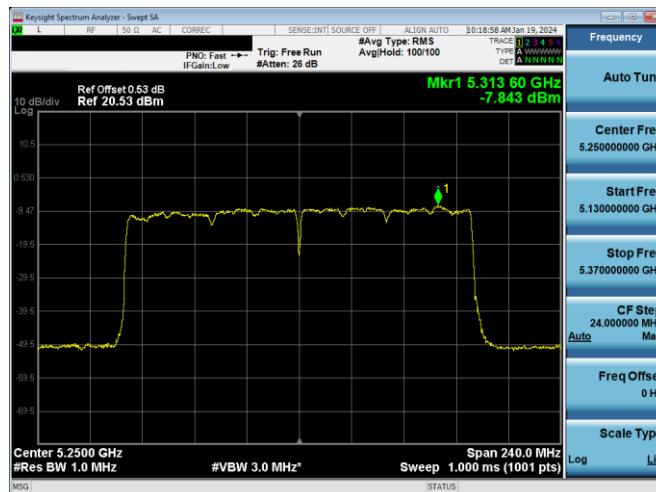
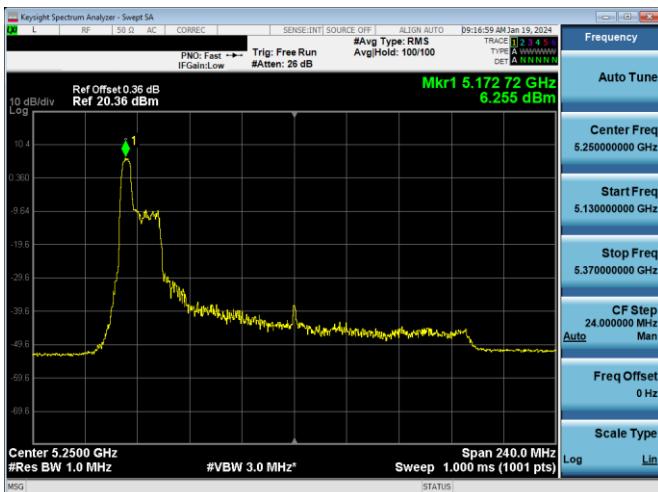
FCC ID: BCGA2903 IC: 579C-A2903	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-25-R1.BCG	Test Dates: 11/28/2023 - 3/05/2024	EUT Type: Tablet Device	Page 143 of 448



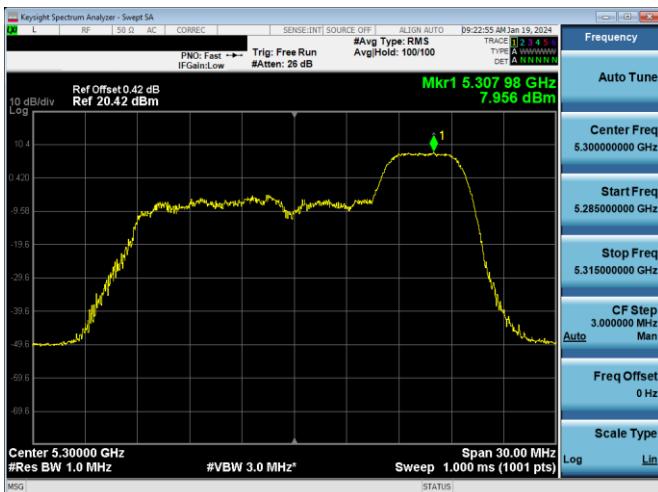
FCC ID: BCGA2903 IC: 579C-A2903	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-25-R1.BCG	Test Dates: 11/28/2023 - 3/05/2024	EUT Type: Tablet Device	Page 144 of 448



FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-25-R1.BCG	Test Dates: 11/28/2023 - 3/05/2024	EUT Type: Tablet Device	Page 145 of 448



FCC ID: BCGA2903 IC: 579C-A2903	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-25-R1.BCG	Test Dates: 11/28/2023 - 3/05/2024	EUT Type: Tablet Device	Page 146 of 448



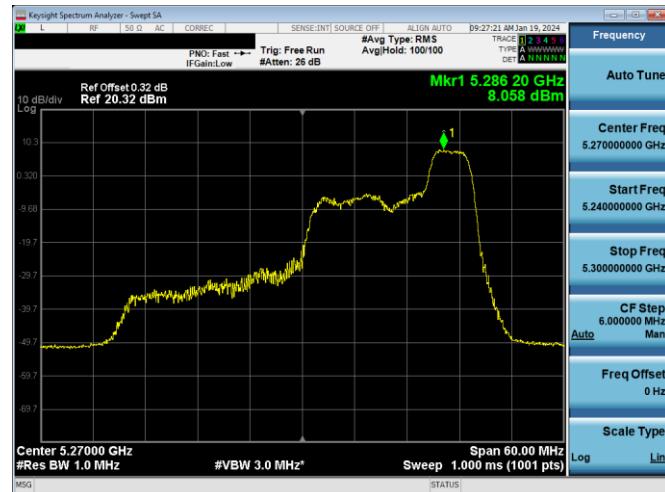
Plot 7-258. PSD Antenna 3a (20MHz BW 11ax Index 40 – RU52 – Ch.60)



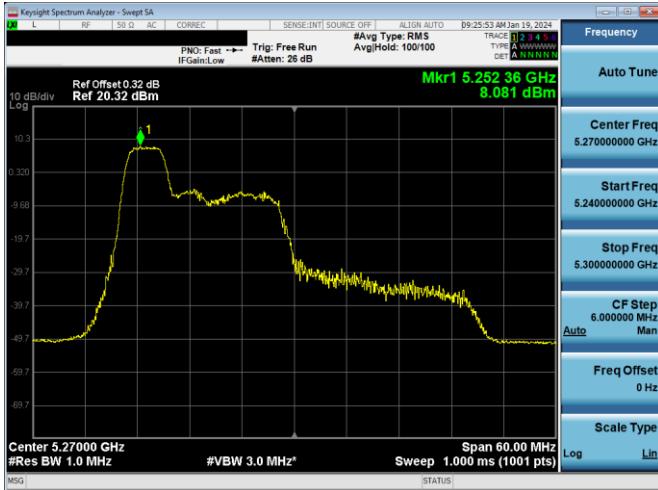
Plot 7-261. PSD Antenna 3a (40MHz BW 11ax Index 40 – RU52 – Ch.54)



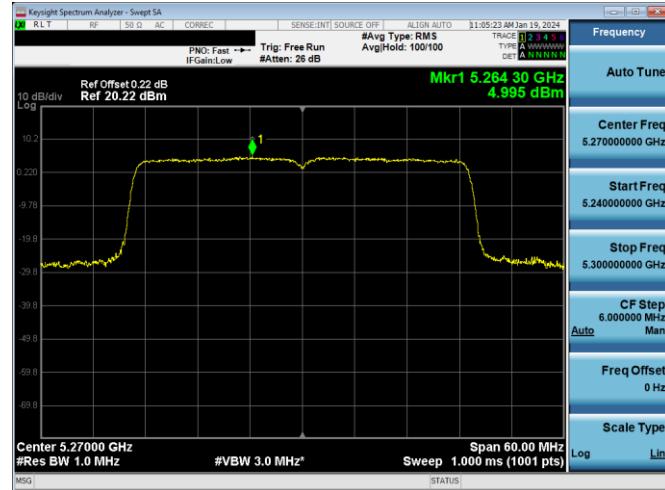
Plot 7-259. PSD Antenna 3a (20MHz BW 11ax- RU242 – Ch.60)



Plot 7-262. PSD Antenna 3a (40MHz BW 11ax Index 44 – RU52 – Ch.54)

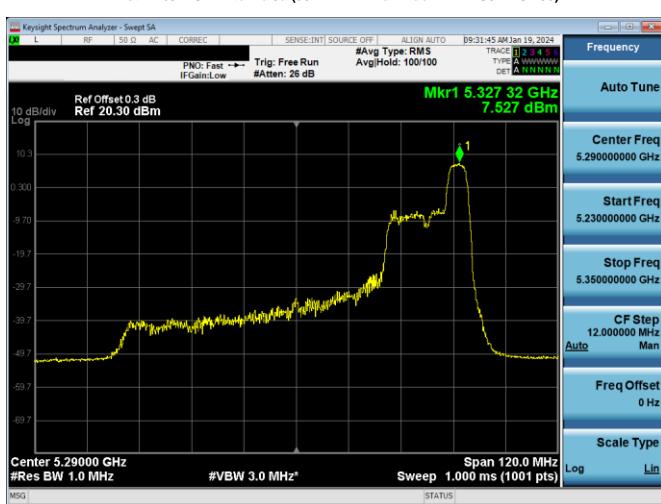
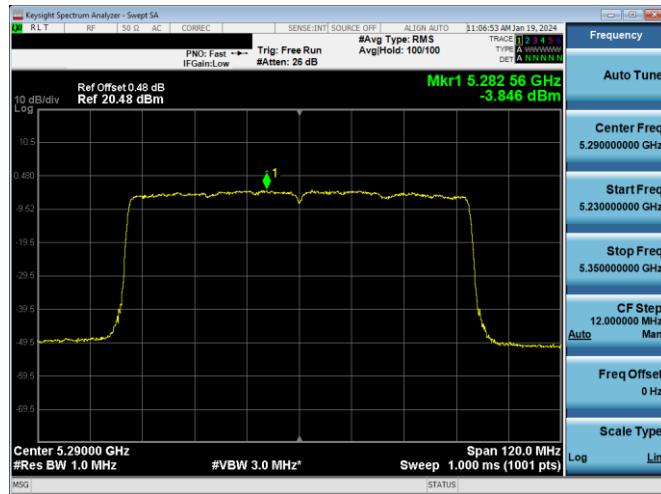
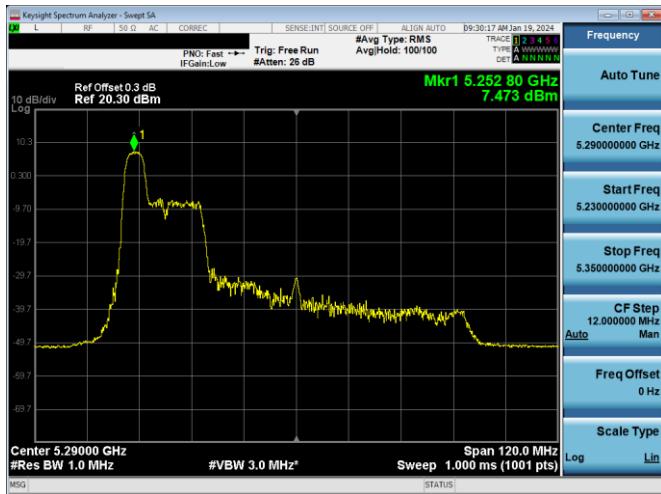


Plot 7-260. PSD Antenna 3a (40MHz BW 11ax Index 37 – RU52 – Ch.54)



Plot 7-263. PSD Antenna 3a (40MHz BW 11ax – RU484 – Ch.54)

FCC ID: BCGA2903 IC: 579C-A2903	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-25-R1.BCG	Test Dates: 11/28/2023 - 3/05/2024	EUT Type: Tablet Device	Page 147 of 448



FCC ID: BCGA2903	
IC: 579C-A2903	

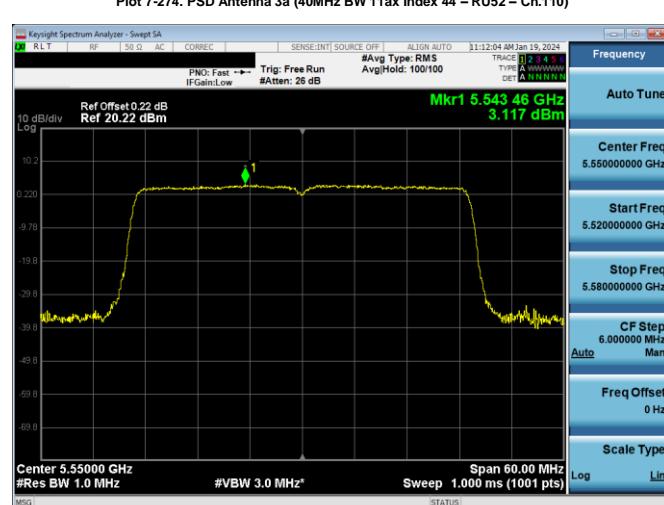
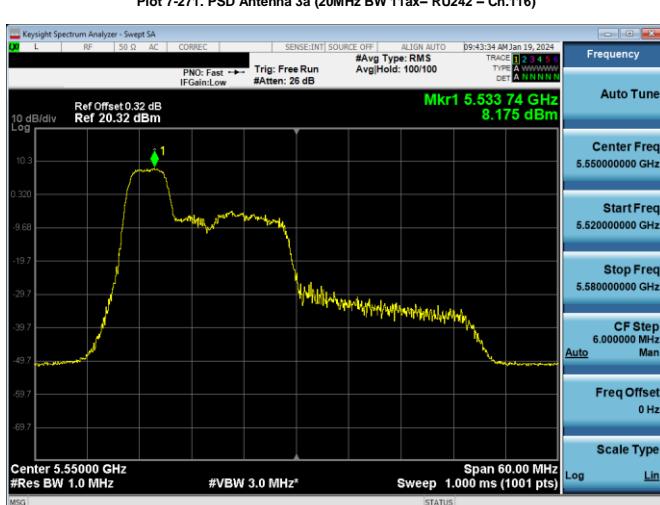
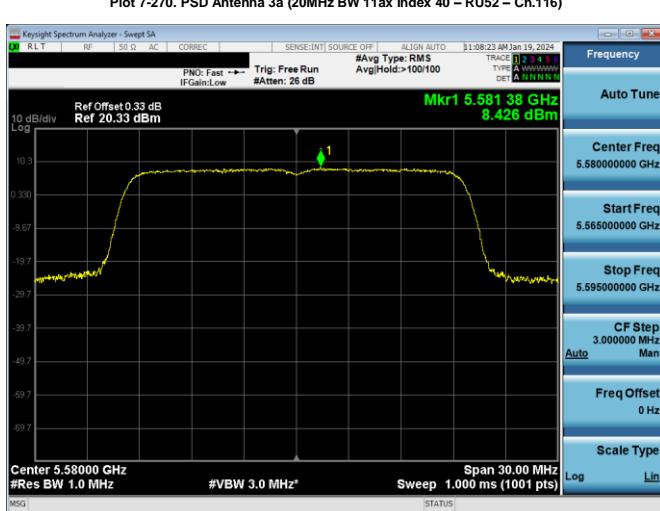
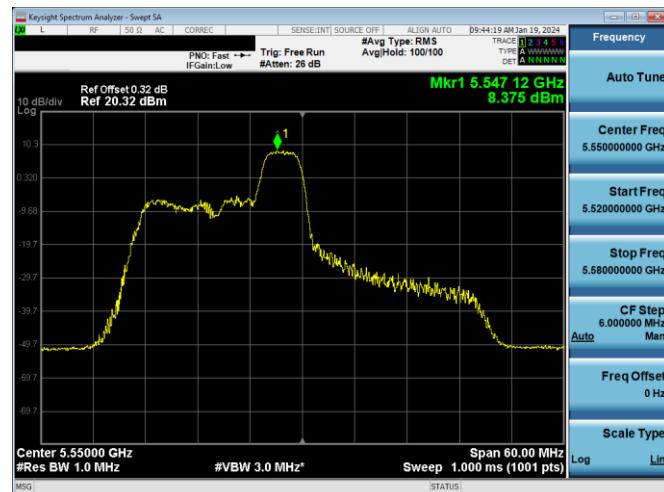

**MEASUREMENT REPORT
(CERTIFICATION)**
Approved by:
Technical Manager

Test Report S/N: 1C2311270064-25-R1.BCG	Test Dates: 11/28/2023 - 3/05/2024	EUT Type: Tablet Device
--	---------------------------------------	----------------------------

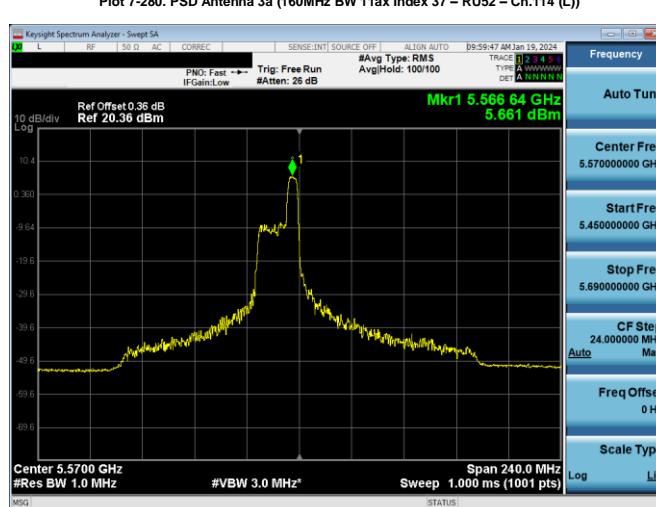
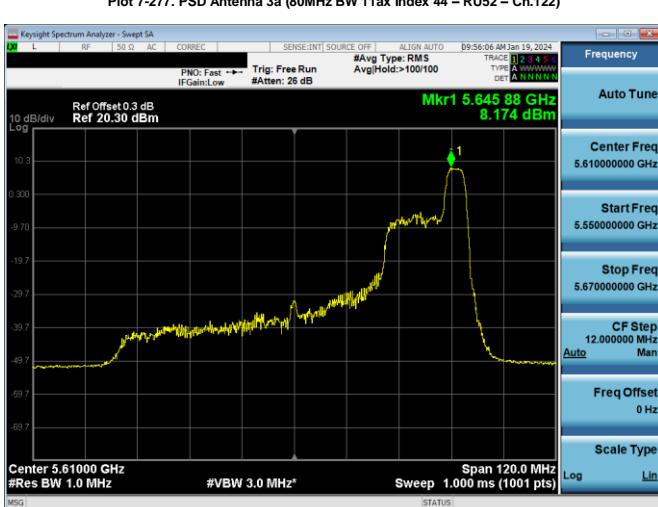
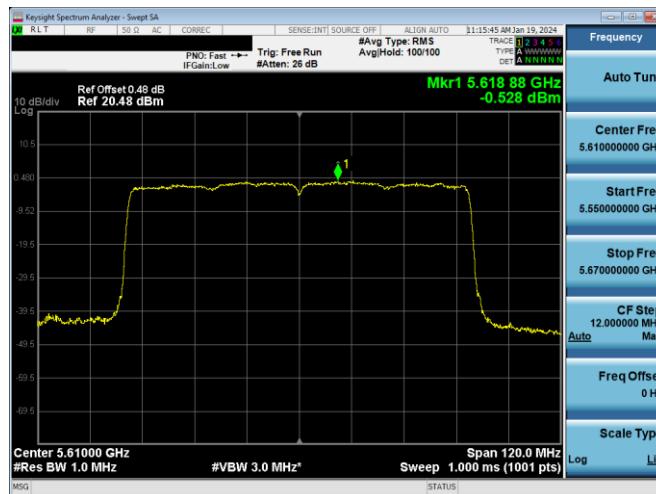
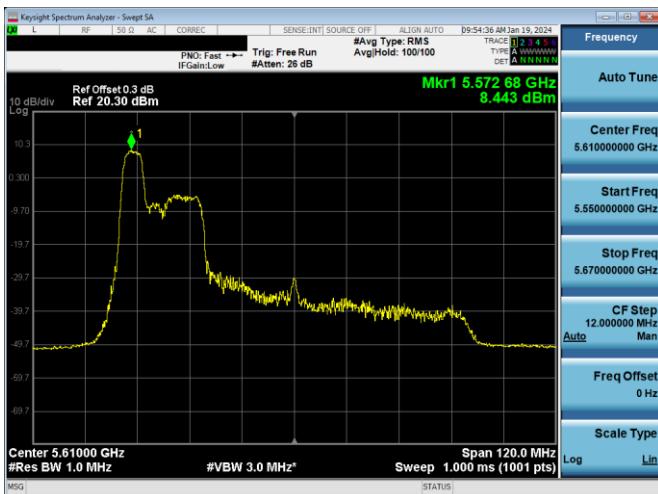
V 10.6 9/14/2023

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.

Page 148 of 448



FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-25-R1.BCG	Test Dates: 11/28/2023 - 3/05/2024	EUT Type: Tablet Device	Page 149 of 448



FCC ID: BCGA2903	 element
IC: 579C-A2903	
Test Report S/N: 1C2311270064-25-R1.BCG	

**MEASUREMENT REPORT
(CERTIFICATION)**

Approved by:
Technical Manager

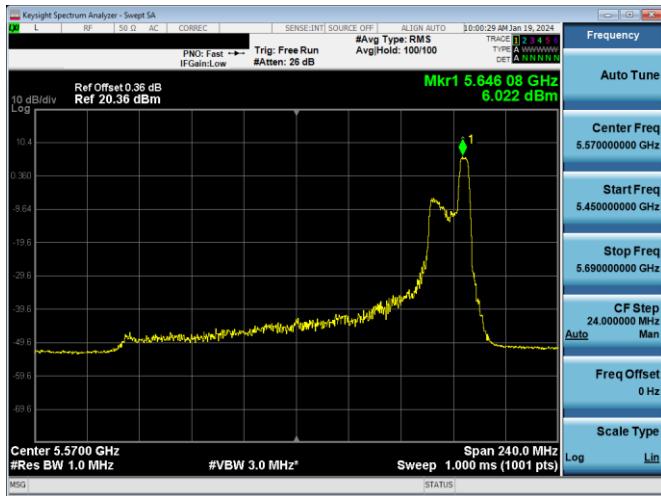
Test Dates:
11/28/2023 - 3/05/2024

EUT Type:
Tablet Device

Page 150 of 448

V 10.6 9/14/2023

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: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-25-R1.BCG	Test Dates: 11/28/2023 - 3/05/2024	EUT Type: Tablet Device	Page 151 of 448

	Frequency [MHz]	Channel No.	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	ax (20MHz)	26	0	12.5/14.7 (MCS11)	5.09	30.0	-24.91
				26	4	12.5/14.7 (MCS11)	4.63	30.0	-25.37
				26	8	12.5/14.7 (MCS11)	4.66	30.0	-25.34
	5785	157	ax (20MHz)	26	0	12.5/14.7 (MCS11)	4.61	30.0	-25.39
				26	4	12.5/14.7 (MCS11)	4.72	30.0	-25.28
				26	8	12.5/14.7 (MCS11)	4.71	30.0	-25.29
	5825	165	ax (20MHz)	26	0	12.5/14.7 (MCS11)	4.82	30.0	-25.18
				26	4	12.5/14.7 (MCS11)	4.75	30.0	-25.25
				26	8	12.5/14.7 (MCS11)	5.25	30.0	-24.75
	5755	151	ax (40MHz)	26	0	12.5/14.7 (MCS11)	4.71	30.0	-25.29
				26	8	12.5/14.7 (MCS11)	5.12	30.0	-24.88
				26	17	12.5/14.7 (MCS11)	4.89	30.0	-25.11
	5795	159	ax (40MHz)	26	0	12.5/14.7 (MCS11)	4.54	30.0	-25.46
				26	8	12.5/14.7 (MCS11)	4.40	30.0	-25.60
				26	17	12.5/14.7 (MCS11)	5.00	30.0	-25.00
	5775	155	ax (80MHz)	26	0	12.5/14.7 (MCS11)	4.98	30.0	-25.03
				26	18	12.5/14.7 (MCS11)	4.60	30.0	-25.40
				26	36	12.5/14.7 (MCS11)	4.94	30.0	-25.07

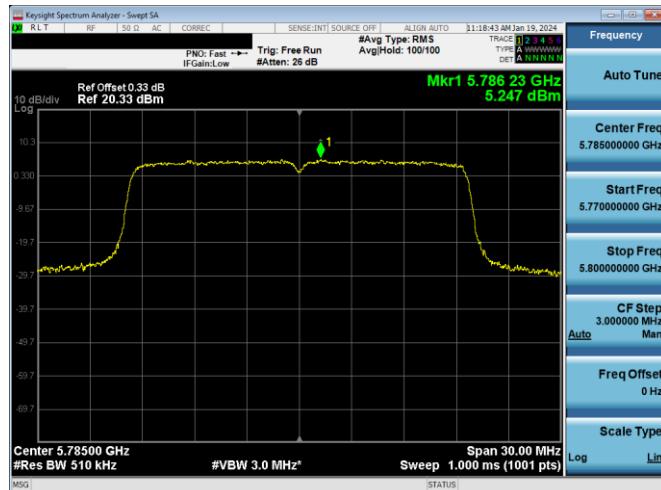
Table 7-177. Band 3 Power Spectral Density Measurements Antenna 3a (RU26)

FCC ID: BCGA2903 IC: 579C-A2903	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-25-R1.BCG	Test Dates: 11/28/2023 - 3/05/2024	EUT Type: Tablet Device	Page 152 of 448

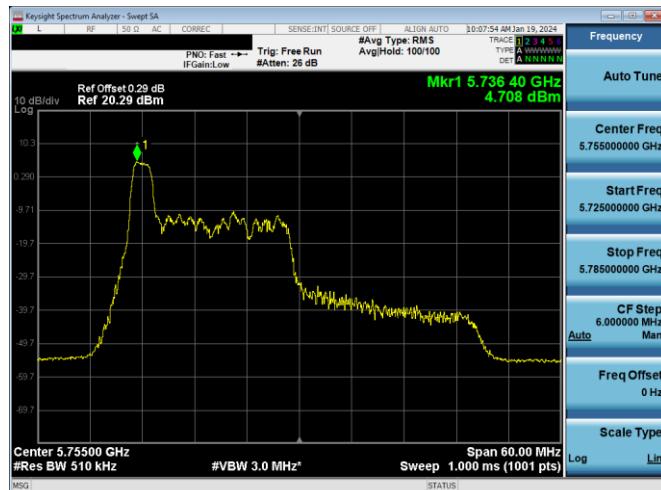
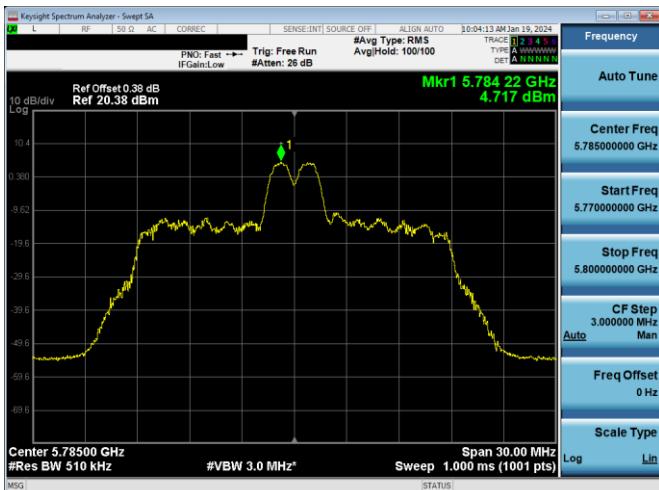
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	ax (20MHz)	242	61	121.9/143.4 (MCS11)	5.23	30.0	-24.77
	5785	157	ax (20MHz)	242	61	121.9/143.4 (MCS11)	5.25	30.0	-24.75
	5825	165	ax (20MHz)	242	61	121.9/143.4 (MCS11)	5.66	30.0	-24.34
	5755	151	ax (40MHz)	484	65	243.8/286.8 (MCS11)	2.32	30.0	-27.68
	5795	159	ax (40MHz)	484	65	243.8/286.8 (MCS11)	2.01	30.0	-27.99
	5775	155	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-3.59	30.0	-33.59

Table 7-178. Band 3 Power Spectral Density Measurements Antenna 3a (Fully-loaded RU)

FCC ID: BCGA2903 IC: 579C-A2903	MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
Test Report S/N: 1C2311270064-25-R1.BCG	Test Dates: 11/28/2023 - 3/05/2024	EUT Type: Tablet Device		Page 153 of 448

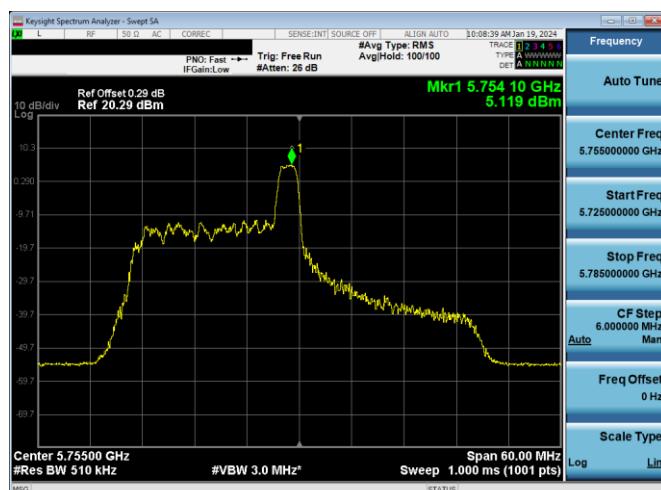
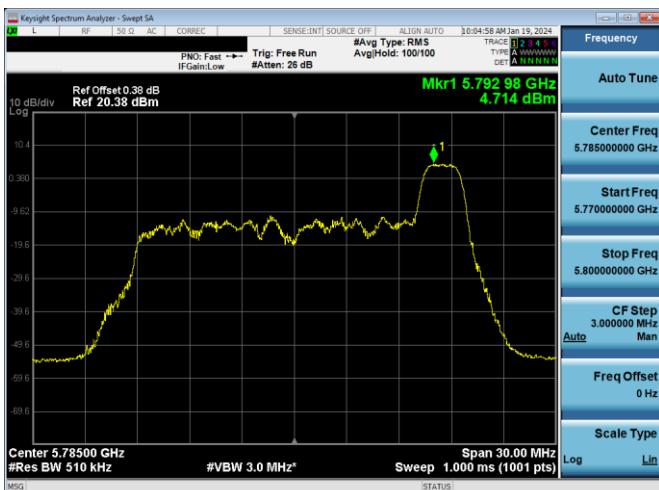


Plot 7-284. PSD Antenna 3a (20MHz BW 11ax Index 0 – RU26 – Ch.157)



Plot 7-285. PSD Antenna 3a (20MHz BW 11ax Index 4 – RU26 – Ch.157)

Plot 7-287. PSD Antenna 3a (20MHz BW 11ax – RU242 – Ch.157)



Plot 7-286. PSD Antenna 3a (20MHz BW 11ax Index 8 – RU26 – Ch.157)

Plot 7-289. PSD Antenna 3a (40MHz BW 11ax Index 8 – RU26 – Ch.151)

FCC ID: BCGA2903	 element
IC: 579C-A2903	
Test Report S/N: 1C2311270064-25-R1.BCG	

**MEASUREMENT REPORT
(CERTIFICATION)**

Approved by:
Technical Manager

Test Dates: 11/28/2023 - 3/05/2024

EUT Type:
Tablet Device

Page 154 of 448

V 10.6 9/14/2023

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.