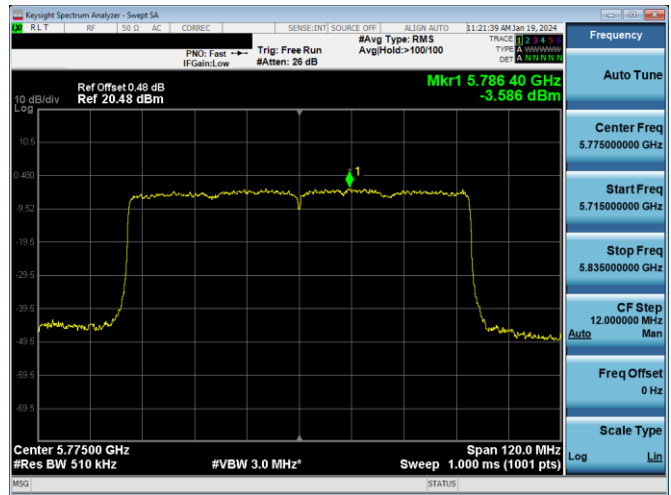
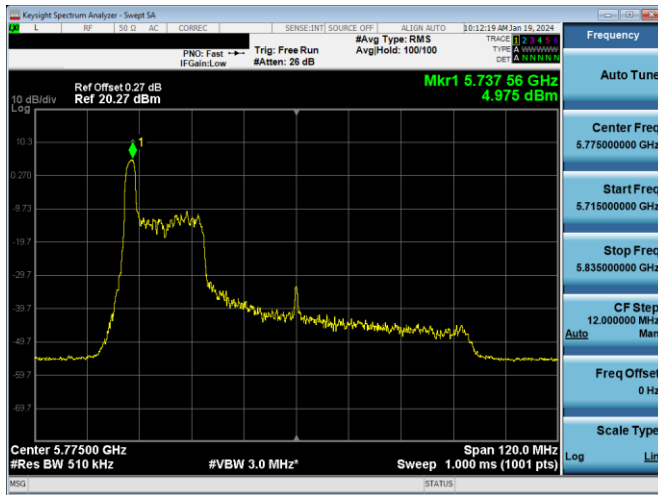
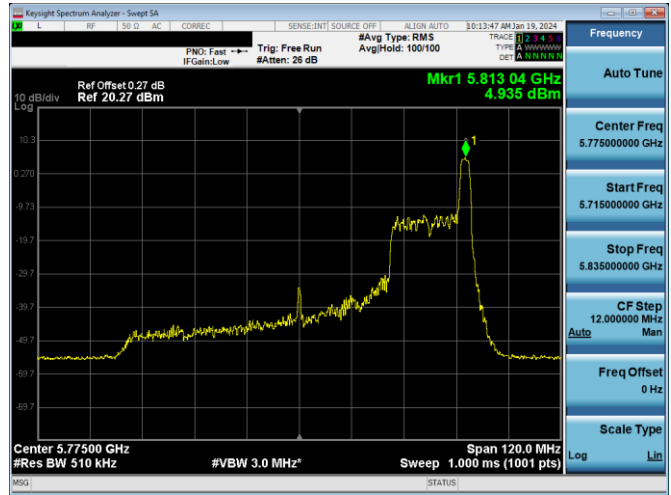
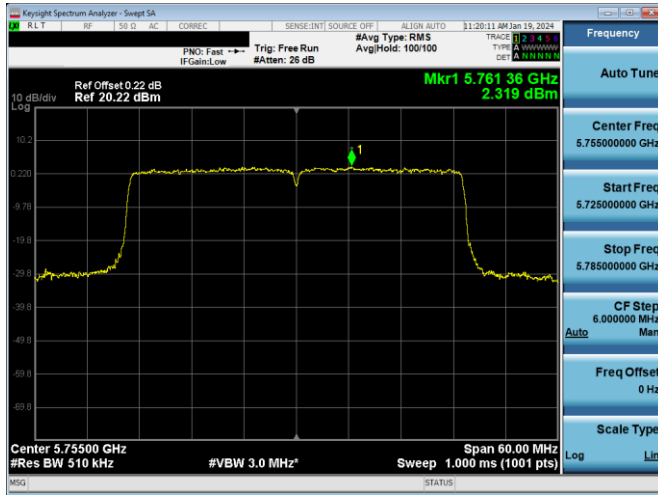
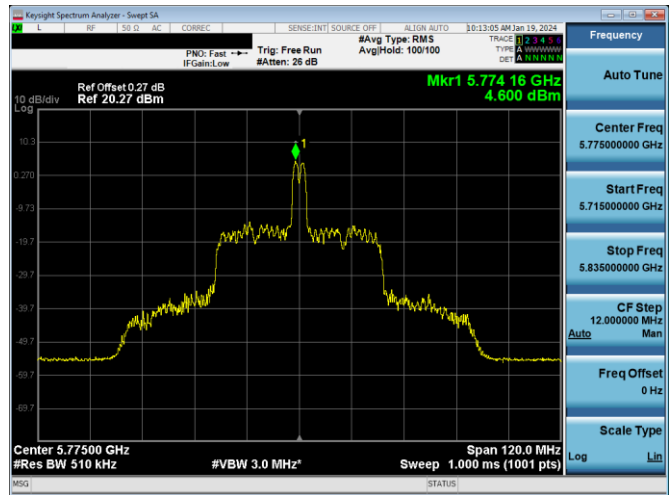
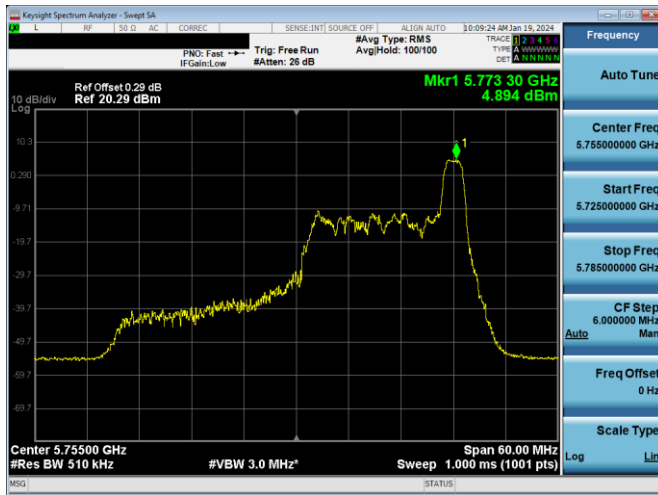




FCC ID: BCGA2903 IC: 579C-A2903			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-25-R1.BCG	Test Dates: 11/28/2023 - 3/05/2024	EUT Type: Tablet Device		Page 155 of 448

	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)	5.15	-1.10	4.05	10.0	-5.95
				26	4	12.5/14.7 (MCS11)	4.41	-1.10	3.31	10.0	-6.69
				26	8	12.5/14.7 (MCS11)	5.55	-1.10	4.45	10.0	-5.55
	5200	40	ax (20MHz)	26	0	12.5/14.7 (MCS11)	5.07	-1.10	3.97	10.0	-6.03
				26	4	12.5/14.7 (MCS11)	3.76	-1.10	2.66	10.0	-7.34
				26	8	12.5/14.7 (MCS11)	4.73	-1.10	3.63	10.0	-6.37
	5240	48	ax (20MHz)	26	0	12.5/14.7 (MCS11)	5.41	-1.10	4.31	10.0	-5.69
				26	4	12.5/14.7 (MCS11)	4.03	-1.10	2.93	10.0	-7.07
				26	8	12.5/14.7 (MCS11)	4.85	-1.10	3.75	10.0	-6.25
	5190	38	ax (40MHz)	26	0	12.5/14.7 (MCS11)	5.72	-1.10	4.62	10.0	-5.38
				26	8	12.5/14.7 (MCS11)	6.28	-1.10	5.18	10.0	-4.82
				26	17	12.5/14.7 (MCS11)	5.90	-1.10	4.80	10.0	-5.20
	5230	46	ax (40MHz)	26	0	12.5/14.7 (MCS11)	5.79	-1.10	4.69	10.0	-5.31
				26	8	12.5/14.7 (MCS11)	5.72	-1.10	4.62	10.0	-5.38
				26	17	12.5/14.7 (MCS11)	5.93	-1.10	4.83	10.0	-5.17
	5210	42	ax (80MHz)	26	0	12.5/14.7 (MCS11)	5.77	-1.10	4.67	10.0	-5.33
				26	18	12.5/14.7 (MCS11)	4.46	-1.10	3.36	10.0	-6.64
				26	36	12.5/14.7 (MCS11)	5.59	-1.10	4.49	10.0	-5.51
	5250	50 (L)	ax (160MHz)	52	37	25/29.4 (MCS11)	5.23	-1.10	4.13	10.0	-5.87
				52	52	25/29.4 (MCS11)	4.71	-1.10	3.61	10.0	-6.39

Table 7-179. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 3a (RU26/52)

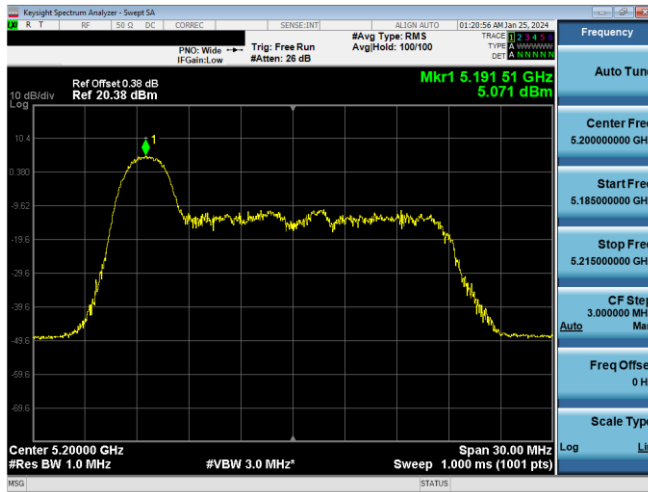
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	ax (20MHz)	242	61	121.9/143.4 (MCS11)	3.41	-1.10	2.31	10.0	-7.69
	5200	40	ax (20MHz)	242	61	121.9/143.4 (MCS11)	4.73	-1.10	3.63	10.0	-6.37
	5240	48	ax (20MHz)	242	61	121.9/143.4 (MCS11)	4.70	-1.10	3.60	10.0	-6.40
	5190	38	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-0.31	-1.10	-1.41	10.0	-11.41
	5230	46	ax (40MHz)	484	65	243.8/286.8 (MCS11)	4.28	-1.10	3.18	10.0	-6.82
	5210	42	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-3.39	-1.10	-4.49	10.0	-14.49
	5250	50	ax (160MHz)	996x2	68	510.4/600.5 (MCS11)	-9.84	-1.10	-10.94	10.0	-20.94

Table 7-180. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 3a (Fully-loaded RU)

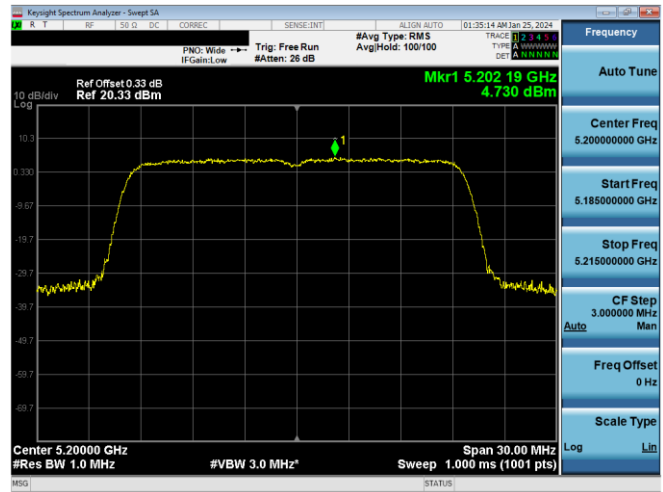
FCC ID: BCGA2903 IC: 579C-A2903	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270064-25-R1.BCG	Test Dates: 11/28/2023 - 3/05/2024	EUT Type: Tablet Device	Page 156 of 448

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.



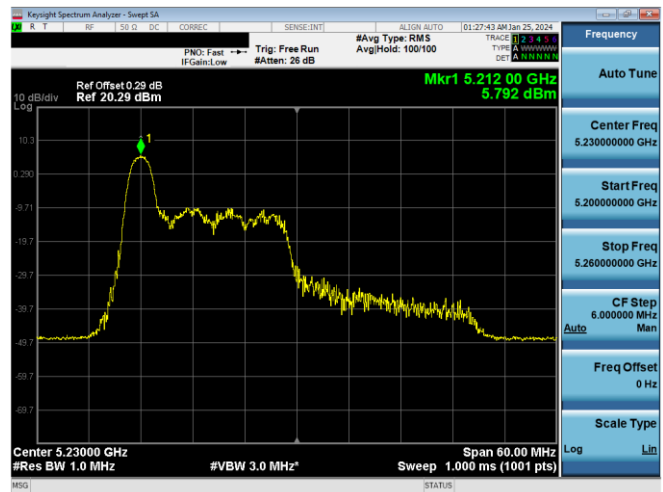
Plot 7-296. ISED PSD Antenna 3a (20MHz BW 11ax Index 0 - RU26 - Ch.40)



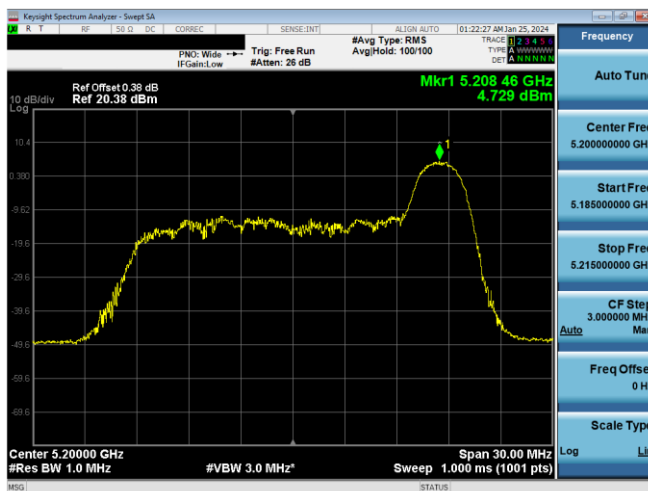
Plot 7-299. ISED PSD Antenna 3a (20MHz BW 11ax- RU242 - Ch.40)



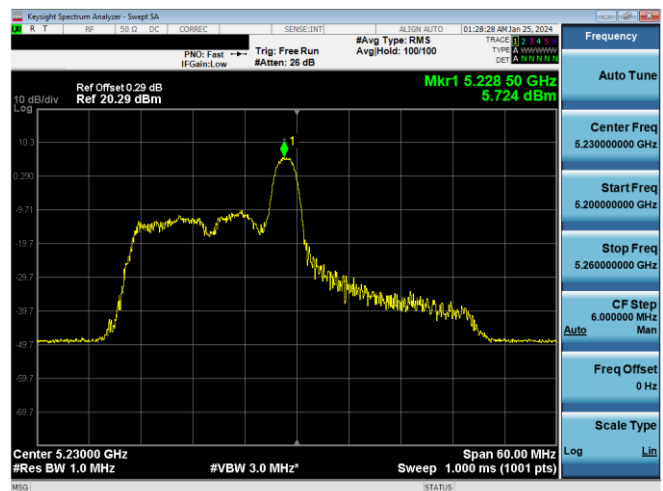
Plot 7-297. ISED PSD Antenna 3a (20MHz BW 11ax Index 4 - RU26 - Ch.40)



Plot 7-300. ISED PSD Antenna 3a (40MHz BW 11ax Index 0 - RU26 - Ch.46)



Plot 7-298. ISED PSD Antenna 3a (20MHz BW 11ax Index 8- RU26 - Ch.40)

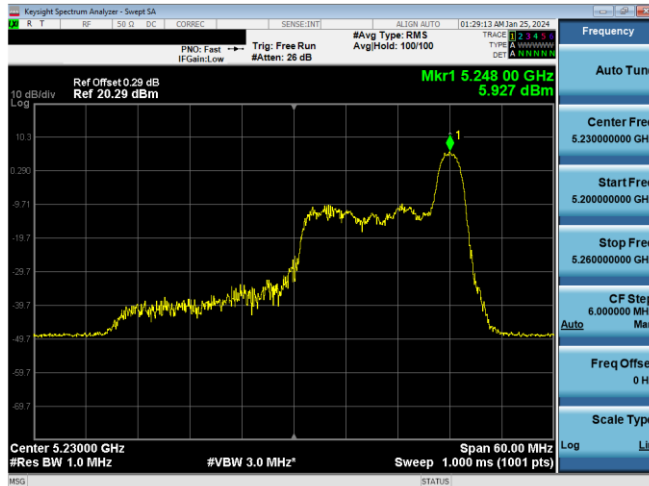


Plot 7-301. ISED PSD Antenna 3a (40MHz BW 11ax Index 8 - RU26 - Ch.46)

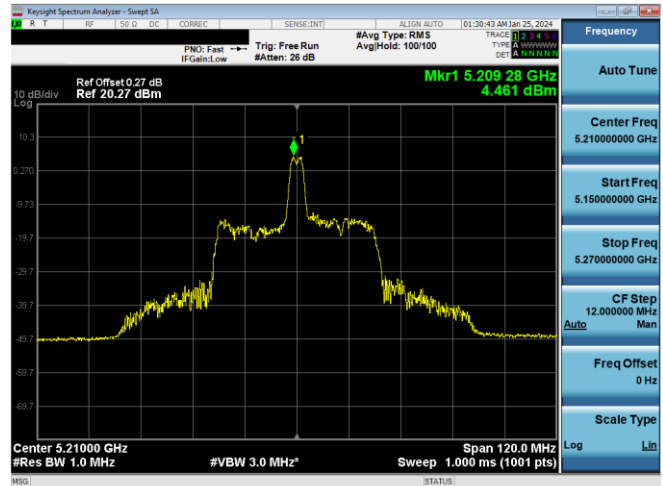
FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-25-R1.BCG	Test Dates: 11/28/2023 - 3/05/2024	EUT Type: Tablet Device	Page 157 of 448

V 10.6 9/14/2023

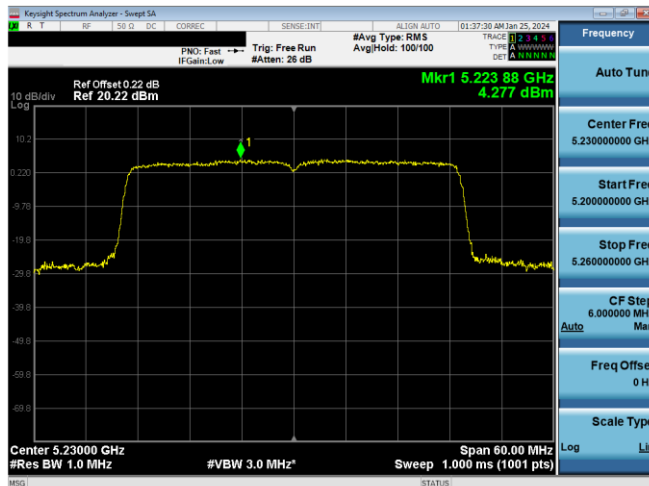
Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry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



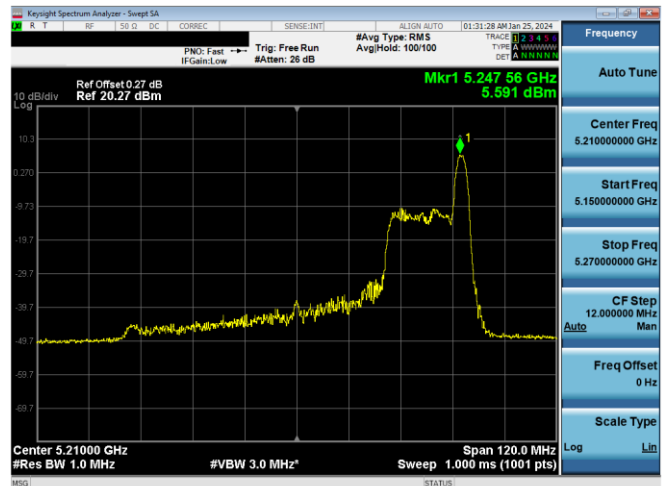
Plot 7-302. ISED PSD Antenna 3a (40MHz BW 11ax Index 17 - RU26 - Ch.46)



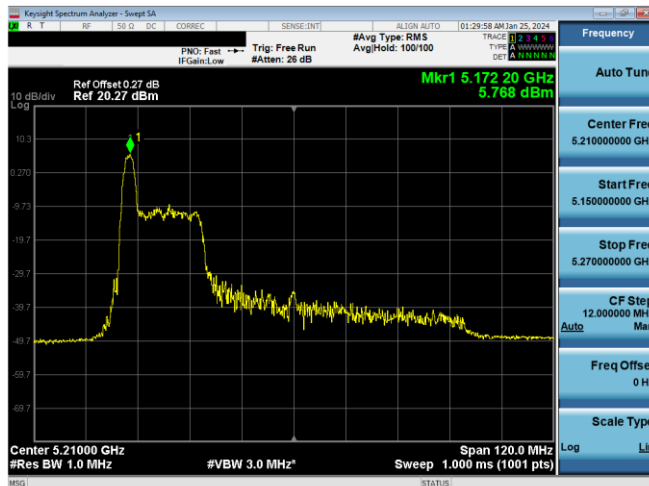
Plot 7-305. ISED PSD Antenna 3a (80MHz BW 11ax Index 18 - RU26 - Ch.42)



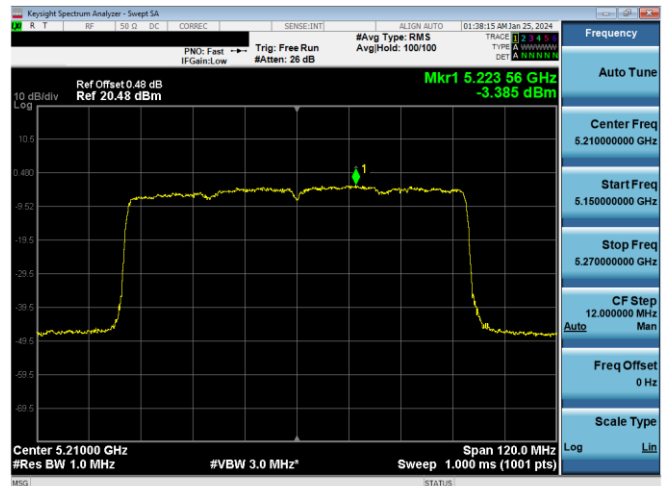
Plot 7-303. ISED PSD Antenna 3a (40MHz BW 11ax - RU484 - Ch.46)



Plot 7-306. ISED PSD Antenna 3a (80MHz BW 11ax Index 36 - RU26 - Ch.42)



Plot 7-304. ISED PSD Antenna 3a (80MHz BW 11ax Index 0 - RU26 - Ch.42)

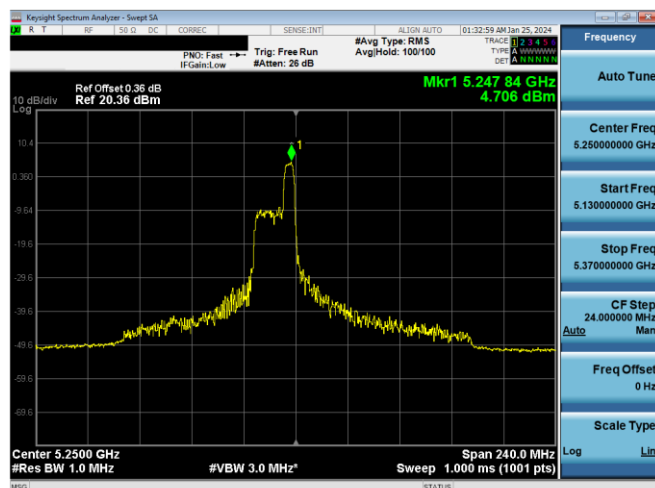
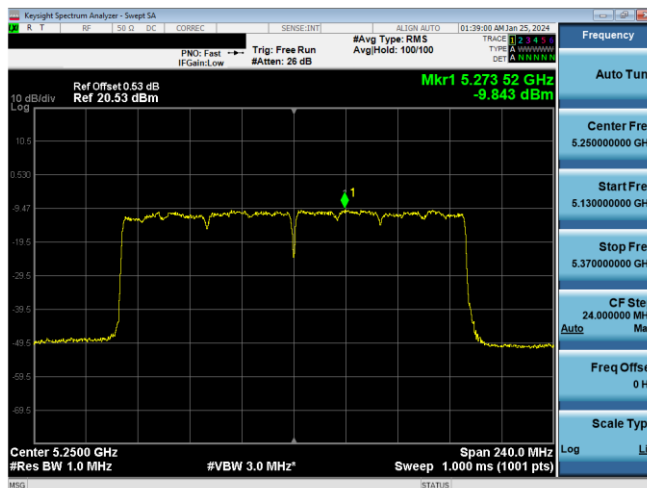
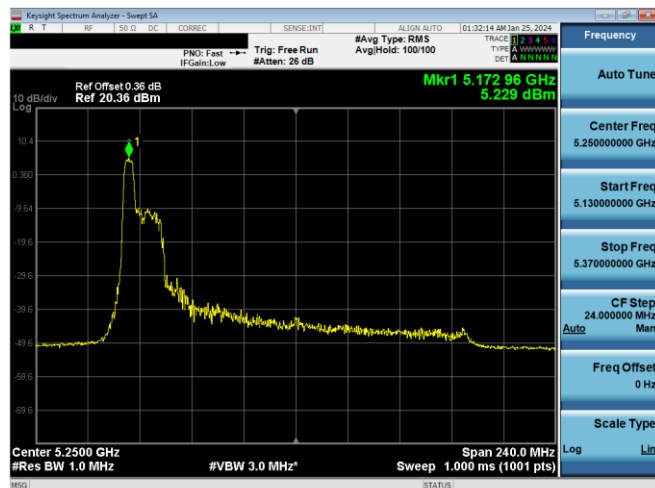


Plot 7-307. ISED PSD Antenna 3a (80MHz BW 11ax - RU996 - Ch.42)

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 158 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 159 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.

Antenna 1b 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)	6.65	11.0	-4.35
				26	4	12.5/14.7 (MCS11)	5.52	11.0	-5.48
				26	8	12.5/14.7 (MCS11)	6.67	11.0	-4.34
	5200	40	ax (20MHz)	26	0	12.5/14.7 (MCS11)	6.55	11.0	-4.46
				26	4	12.5/14.7 (MCS11)	5.46	11.0	-5.54
				26	8	12.5/14.7 (MCS11)	6.74	11.0	-4.27
	5240	48	ax (20MHz)	26	0	12.5/14.7 (MCS11)	6.74	11.0	-4.26
				26	4	12.5/14.7 (MCS11)	5.72	11.0	-5.28
				26	8	12.5/14.7 (MCS11)	6.55	11.0	-4.45
	5190	38	ax (40MHz)	26	0	12.5/14.7 (MCS11)	6.37	11.0	-4.63
				26	8	12.5/14.7 (MCS11)	6.72	11.0	-4.28
				26	17	12.5/14.7 (MCS11)	5.93	11.0	-5.07
	5230	46	ax (40MHz)	26	0	12.5/14.7 (MCS11)	6.48	11.0	-4.52
				26	8	12.5/14.7 (MCS11)	6.10	11.0	-4.90
				26	17	12.5/14.7 (MCS11)	6.68	11.0	-4.32
	5210	42	ax (80MHz)	26	0	12.5/14.7 (MCS11)	6.66	11.0	-4.35
				26	18	12.5/14.7 (MCS11)	4.99	11.0	-6.01
				26	36	12.5/14.7 (MCS11)	6.54	11.0	-4.46

Table 7-181. Band 1 Power Spectral Density Measurements Antenna 1b (RU26)

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 160 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.

	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)	5.04	11.0	-5.96
		52		52	25/29.4 (MCS11)	4.58	11.0	-6.42	
		50 (U)		52	52	25/29.4 (MCS11)	4.93	11.0	-6.07
Band 2A	5260	52	ax (20MHz)	52	37	25/29.4 (MCS11)	7.16	11.0	-3.84
				52	38	25/29.4 (MCS11)	7.39	11.0	-3.62
				52	40	25/29.4 (MCS11)	7.11	11.0	-3.89
	5280	60	ax (20MHz)	52	37	25/29.4 (MCS11)	7.31	11.0	-3.70
				52	38	25/29.4 (MCS11)	6.75	11.0	-4.25
				52	40	25/29.4 (MCS11)	6.67	11.0	-4.33
	5320	64	ax (20MHz)	52	37	25/29.4 (MCS11)	6.85	11.0	-4.15
				52	38	25/29.4 (MCS11)	6.60	11.0	-4.40
				52	40	25/29.4 (MCS11)	6.70	11.0	-4.30
	5270	54	ax (40MHz)	52	37	25/29.4 (MCS11)	6.87	11.0	-4.14
				52	40	25/29.4 (MCS11)	6.99	11.0	-4.01
				52	44	25/29.4 (MCS11)	7.09	11.0	-3.91
	5310	62	ax (40MHz)	52	37	25/29.4 (MCS11)	6.46	11.0	-4.54
				52	40	25/29.4 (MCS11)	6.15	11.0	-4.85
				52	44	25/29.4 (MCS11)	6.97	11.0	-4.03
	5290	58	ax (80MHz)	52	37	25/29.4 (MCS11)	5.89	11.0	-5.11
				52	44	25/29.4 (MCS11)	6.00	11.0	-5.00
				52	52	25/29.4 (MCS11)	5.95	11.0	-5.05
Band 2C	5500	100	ax (20MHz)	52	37	25/29.4 (MCS11)	6.69	11.0	-4.31
				52	38	25/29.4 (MCS11)	6.73	11.0	-4.28
				52	40	25/29.4 (MCS11)	6.30	11.0	-4.70
	5580	116	ax (20MHz)	52	37	25/29.4 (MCS11)	6.77	11.0	-4.23
				52	38	25/29.4 (MCS11)	7.03	11.0	-3.97
				52	40	25/29.4 (MCS11)	6.70	11.0	-4.30
	5720	144	ax (20MHz)	52	37	25/29.4 (MCS11)	6.98	11.0	-4.03
				52	38	25/29.4 (MCS11)	6.62	11.0	-4.38
				52	40	25/29.4 (MCS11)	7.15	11.0	-3.85
	5510	102	ax (40MHz)	52	37	25/29.4 (MCS11)	5.79	11.0	-5.21
				52	40	25/29.4 (MCS11)	6.48	11.0	-4.52
				52	44	25/29.4 (MCS11)	6.33	11.0	-4.67
	5550	110	ax (40MHz)	52	37	25/29.4 (MCS11)	6.77	11.0	-4.23
				52	40	25/29.4 (MCS11)	6.84	11.0	-4.16
				52	44	25/29.4 (MCS11)	6.58	11.0	-4.42
	5590	118	ax (40MHz)	52	37	25/29.4 (MCS11)	6.72	11.0	-4.29
				52	40	25/29.4 (MCS11)	7.30	11.0	-3.70
				52	44	25/29.4 (MCS11)	7.15	11.0	-3.85
	5670	134	ax (40MHz)	52	37	25/29.4 (MCS11)	6.58	11.0	-4.42
				52	40	25/29.4 (MCS11)	7.19	11.0	-3.81
				52	44	25/29.4 (MCS11)	6.71	11.0	-4.29
	5710	142	ax (40MHz)	52	37	25/29.4 (MCS11)	7.97	11.0	-3.03
				52	40	25/29.4 (MCS11)	8.07	11.0	-2.93
				52	44	25/29.4 (MCS11)	7.84	11.0	-3.16
	5530	106	ax (80MHz)	52	37	25/29.4 (MCS11)	7.11	11.0	-3.89
				52	44	25/29.4 (MCS11)	7.16	11.0	-3.84
				52	52	25/29.4 (MCS11)	7.44	11.0	-3.56
	5610*	122	ax (80MHz)	52	37	25/29.4 (MCS11)	8.25	11.0	-2.76
				52	44	25/29.4 (MCS11)	8.11	11.0	-2.89
				52	52	25/29.4 (MCS11)	7.96	11.0	-3.04
	5690	138	ax (80MHz)	52	37	25/29.4 (MCS11)	7.46	11.0	-3.54
				52	44	25/29.4 (MCS11)	7.97	11.0	-3.03
				52	52	25/29.4 (MCS11)	7.97	11.0	-3.03
	5570*	114 (L)	ax (160MHz)	52	37	25/29.4 (MCS11)	5.47	11.0	-5.53
		114 (U)		52	52	25/29.4 (MCS11)	5.69	11.0	-5.31
				52	52	25/29.4 (MCS11)	5.85	11.0	-5.15

Table 7-182. Bands 2A, 2C Power Spectral Density Measurements Antenna 1b (RU52)

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

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 161 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.

	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)	4.90	11.0	-6.11
	5200	40	ax (20MHz)	242	61	121.9/143.4 (MCS11)	8.14	11.0	-2.86
	5240	48	ax (20MHz)	242	61	121.9/143.4 (MCS11)	8.51	11.0	-2.49
	5190	38	ax (40MHz)	484	65	243.8/286.8 (MCS11)	0.29	11.0	-10.71
	5230	46	ax (40MHz)	484	65	243.8/286.8 (MCS11)	4.86	11.0	-6.15
	5210	42	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-2.30	11.0	-13.30
Band 1/2A	5250	50	ax (160MHz)	996x2	68	510.4/600.5 (MCS11)	-8.39	11.0	-19.39
Band 2A	5260	52	ax (20MHz)	242	61	121.9/143.4 (MCS11)	8.70	11.0	-2.31
	5280	60	ax (20MHz)	242	61	121.9/143.4 (MCS11)	8.12	11.0	-2.88
	5320	64	ax (20MHz)	242	61	121.9/143.4 (MCS11)	4.77	11.0	-6.23
	5270	54	ax (40MHz)	484	65	243.8/286.8 (MCS11)	4.98	11.0	-6.02
	5310	62	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-0.03	11.0	-11.03
	5290	58	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-4.19	11.0	-15.19
Band 2C	5500	100	ax (20MHz)	242	61	121.9/143.4 (MCS11)	3.39	11.0	-7.62
	5580	116	ax (20MHz)	242	61	121.9/143.4 (MCS11)	8.11	11.0	-2.89
	5700	140	ax (20MHz)	242	61	121.9/143.4 (MCS11)	2.34	11.0	-8.66
	5720	144	ax (20MHz)	242	61	121.9/143.4 (MCS11)	8.16	11.0	-2.84
	5510	102	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-1.19	11.0	-12.19
	5550	110	ax (40MHz)	484	65	243.8/286.8 (MCS11)	3.11	11.0	-7.89
	5590	118	ax (40MHz)	484	65	243.8/286.8 (MCS11)	5.37	11.0	-5.63
	5670	134	ax (40MHz)	484	65	243.8/286.8 (MCS11)	1.18	11.0	-9.82
	5710	142	ax (40MHz)	484	65	243.8/286.8 (MCS11)	5.59	11.0	-5.41
	5530	106	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-4.51	11.0	-15.51
	5610*	122	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-0.15	11.0	-11.15
	5690	138	ax (80MHz)	996	67	510.4/600.5 (MCS11)	2.56	11.0	-8.44
	5570*	114	ax (160MHz)	996x2	68	510.4/600.5 (MCS11)	-8.83	11.0	-19.83

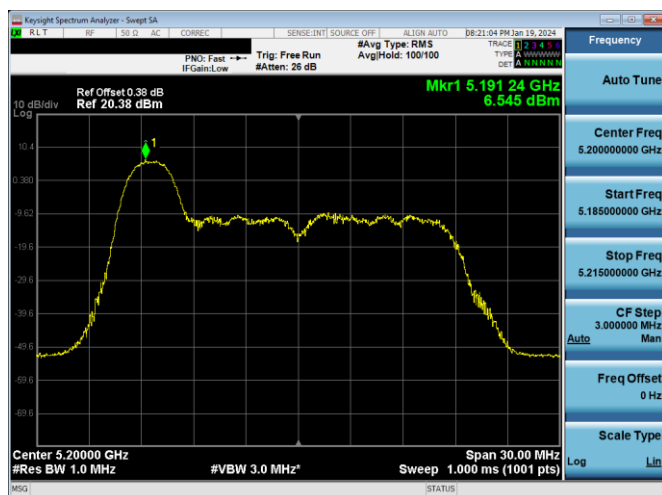
Table 7-183. Bands 1, 2A, 2C Power Spectral Density Measurements Antenna 1b (Fully-loaded RU)

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

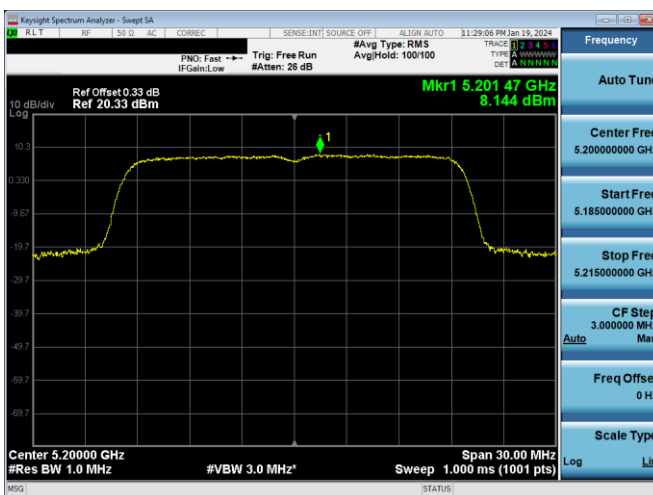
FCC ID: BCGA2903 IC: 579C-A2903	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270064-25-R1.BCG	Test Dates: 11/28/2023 - 3/05/2024	EUT Type: Tablet Device	Page 162 of 448

V 10.6 9/14/2023

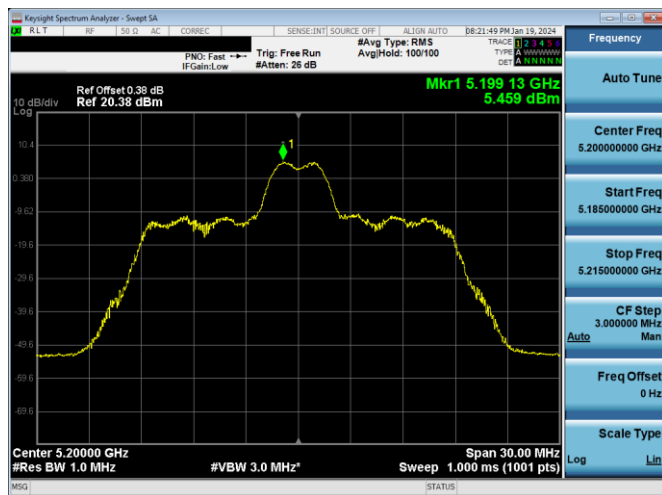
Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry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



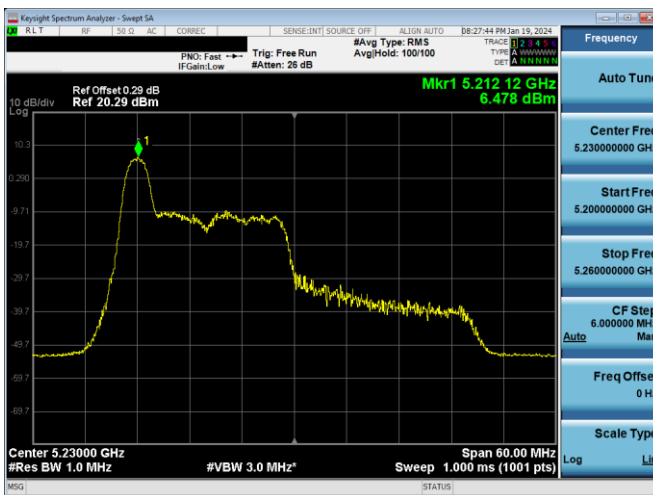
Plot 7-311. PSD Antenna 1b (20MHz BW 11ax Index 0 - RU26 - Ch.40)



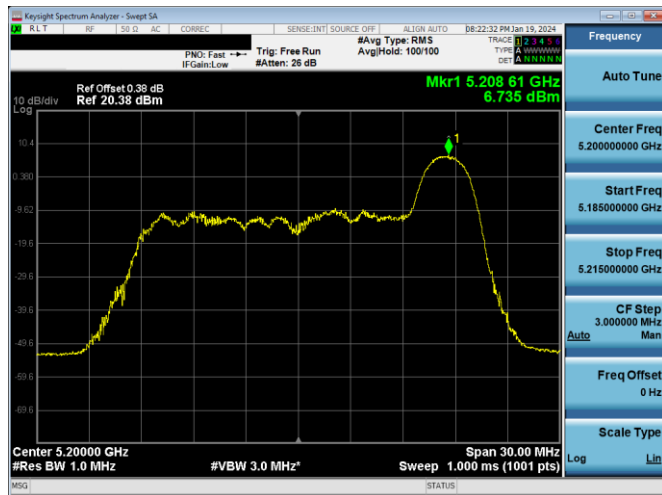
Plot 7-314. PSD Antenna 1b (20MHz BW 11ax- RU242 - Ch.40)



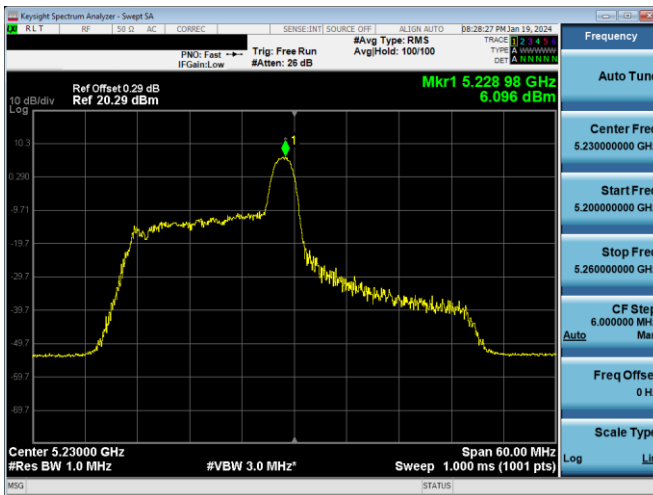
Plot 7-312. PSD Antenna 1b (20MHz BW 11ax Index 4 - RU26 - Ch.40)



Plot 7-315. PSD Antenna 1b (40MHz BW 11ax Index 0 - RU26 - Ch.46)



Plot 7-313. PSD Antenna 1b (20MHz BW 11ax Index 8- RU26 - Ch.40)

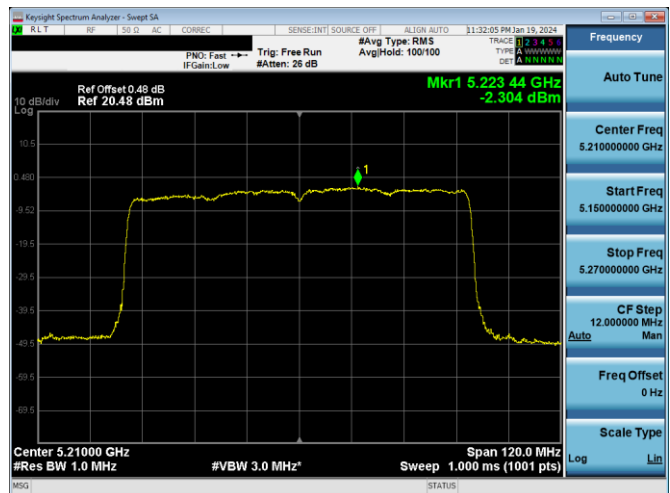
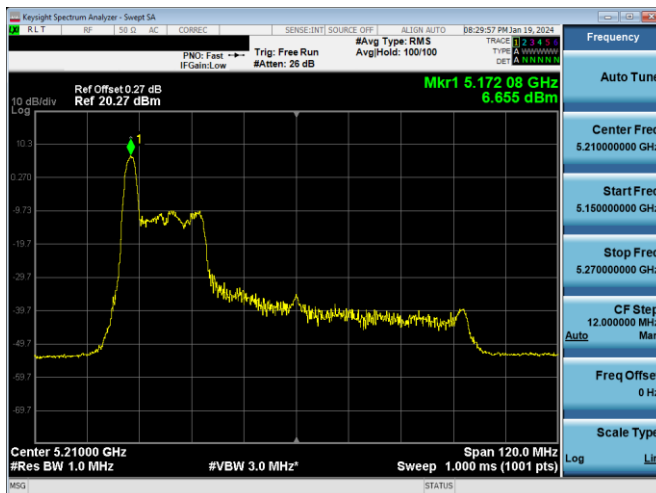
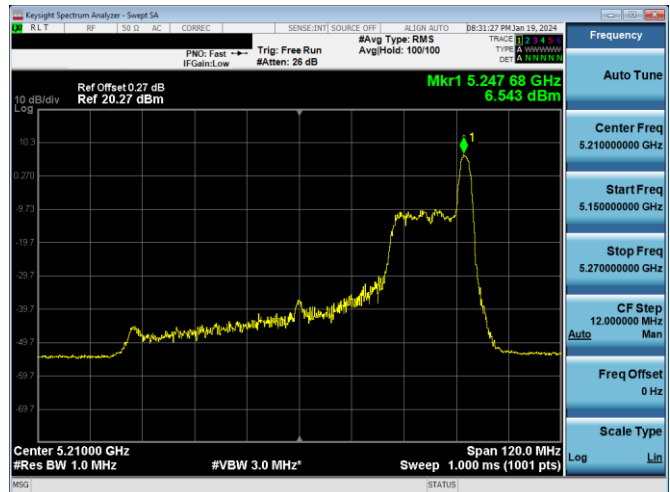
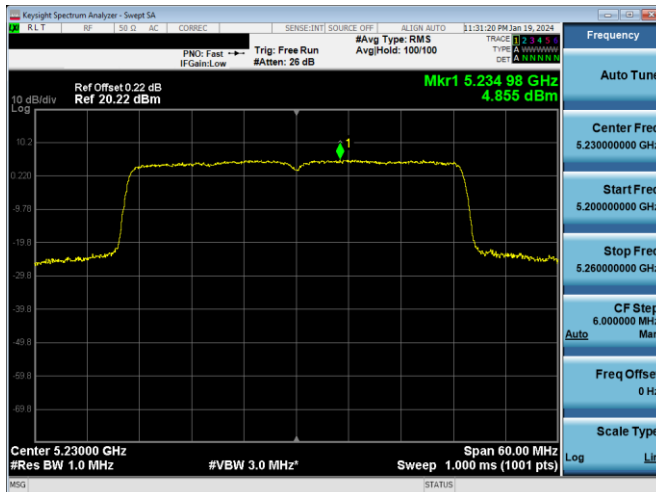
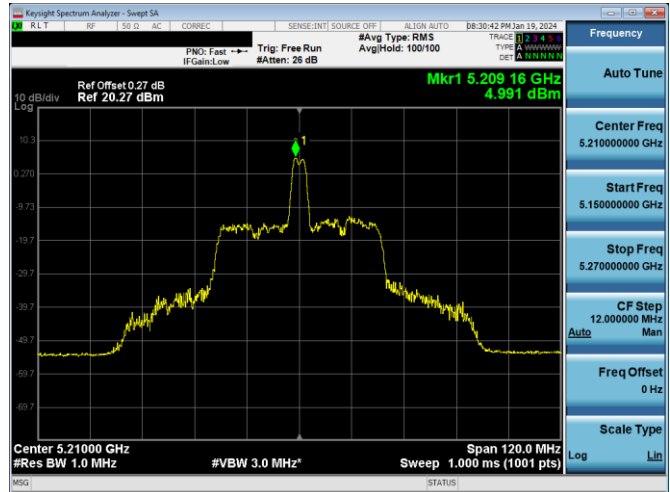
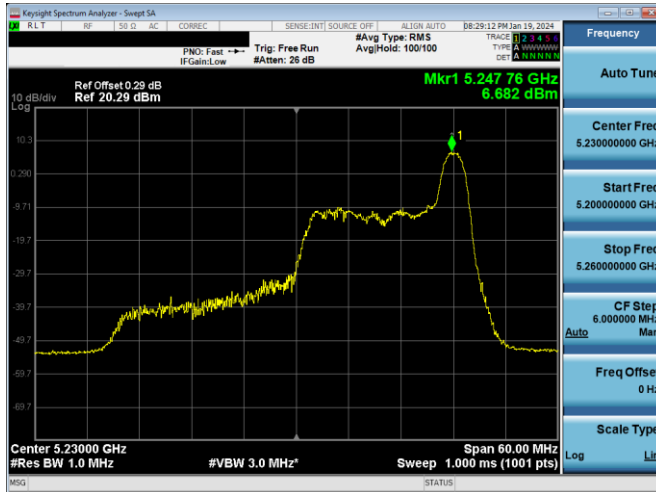


Plot 7-316. PSD Antenna 1b (40MHz BW 11ax Index 8 - RU26 - Ch.46)

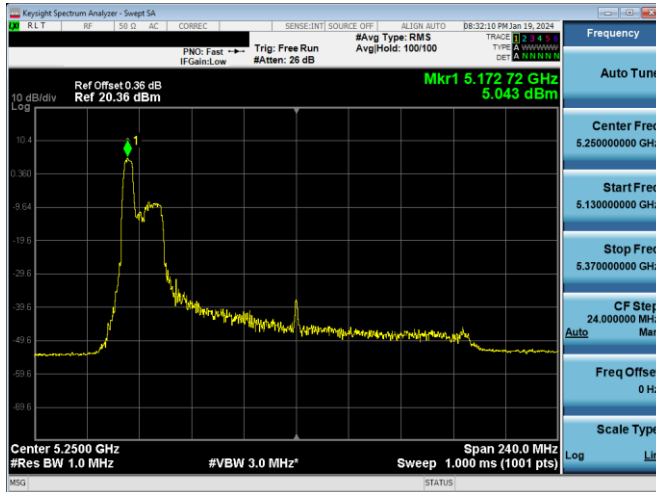
FCC ID: BCGA2903 IC: 579C-A2903			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-25-R1.BCG	Test Dates: 11/28/2023 - 3/05/2024	EUT Type: Tablet Device		Page 163 of 448

V 10.6 9/14/2023

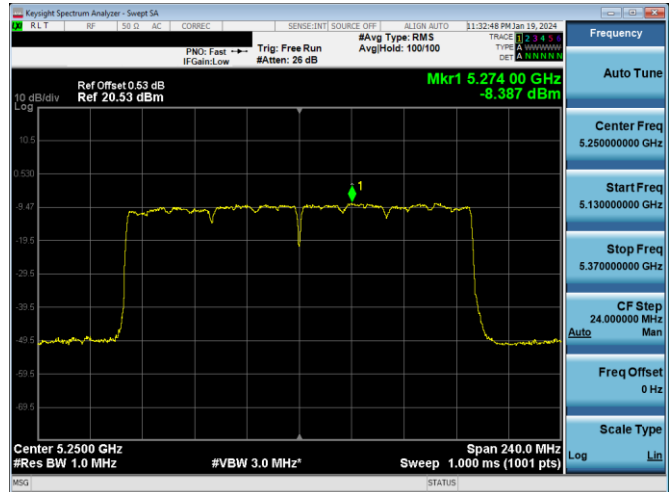
Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry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



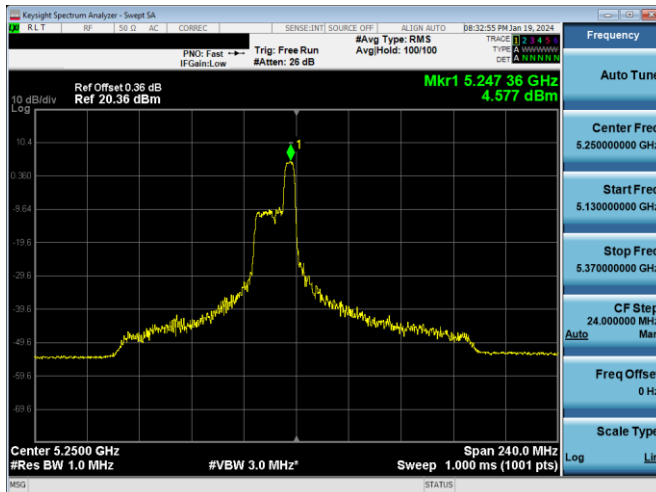
FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-25-R1.BCG			Page 164 of 448
Test Dates: 11/28/2023 - 3/05/2024	EUT Type: Tablet Device		



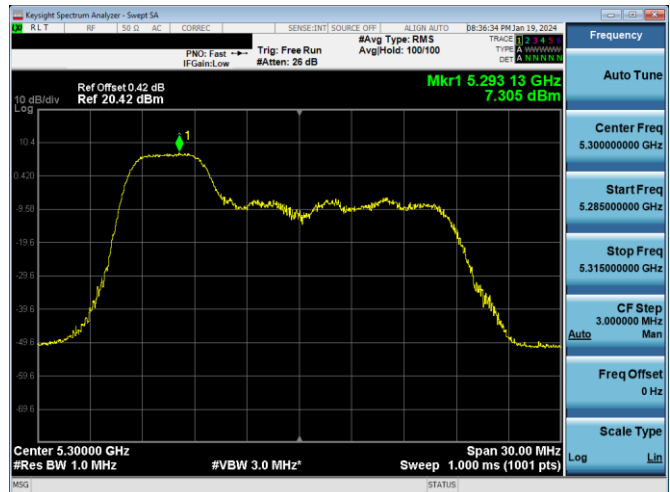
Plot 7-323. PSD Antenna 1b (160MHz BW 11ax Index 37 - RU52 - Ch.50 (L))



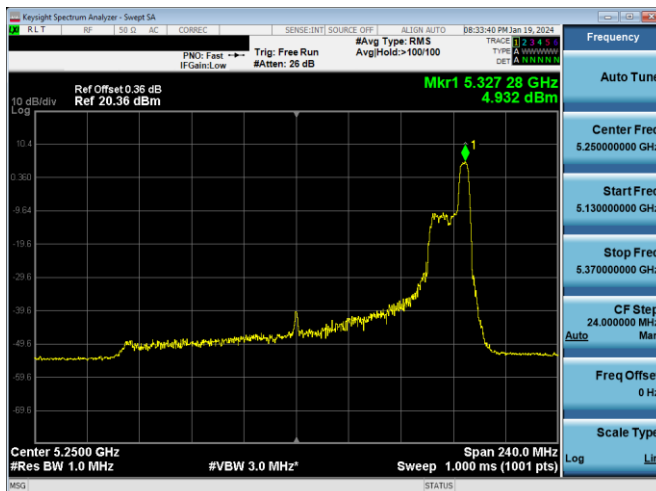
Plot 7-326. PSD Antenna 1b (160MHz BW 11ax - RU96x2 - Ch.50)



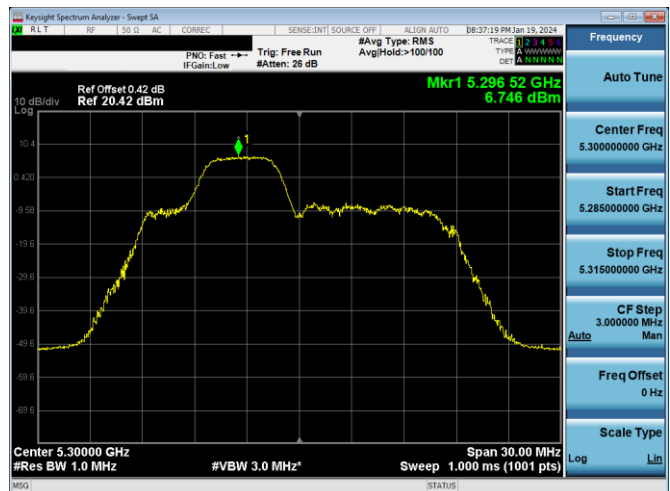
Plot 7-324. PSD Antenna 1b (160MHz BW 11ax Index 52 - RU52 - Ch.50 (L))



Plot 7-327. PSD Antenna 1b (20MHz BW 11ax Index 37 - RU52 - Ch.60)



Plot 7-325. PSD Antenna 1b (160MHz BW 11ax Index 52 - RU52 - Ch.50 (U))

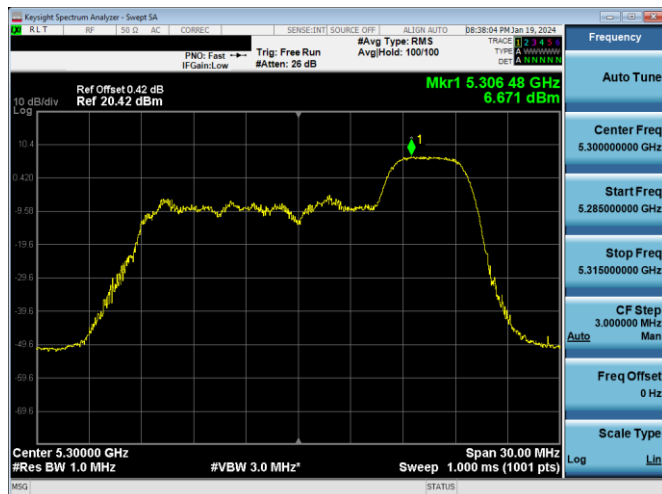


Plot 7-328. PSD Antenna 1b (20MHz BW 11ax Index 38 - RU52 - Ch.60)

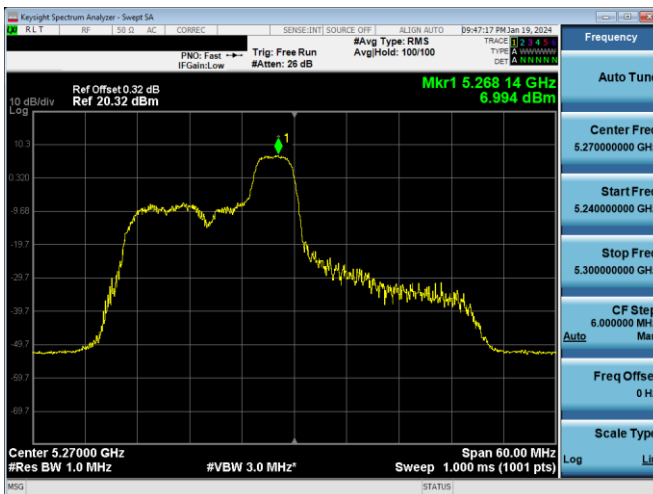
FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-25-R1.BCG			
Test Dates: 11/28/2023 - 3/05/2024	EUT Type: Tablet Device	Page 165 of 448	

V 10.6 9/14/2023

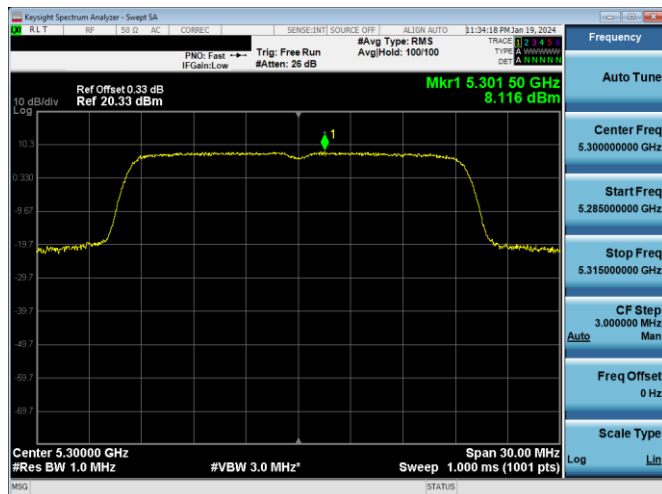
Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry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



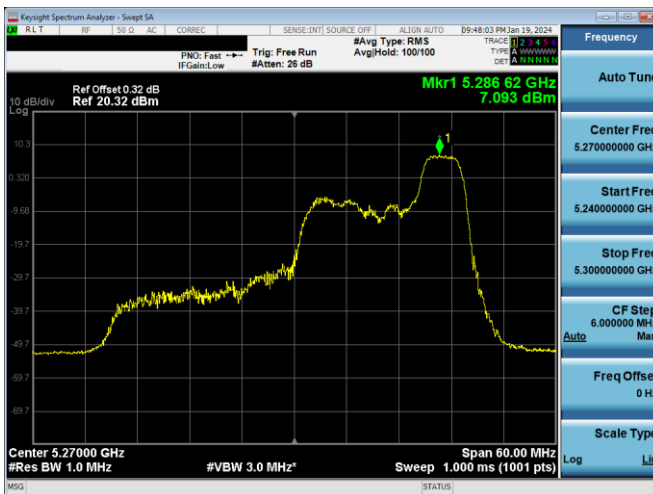
Plot 7-329. PSD Antenna 1b (20MHz BW 11ax Index 40 - RU52 - Ch.60)



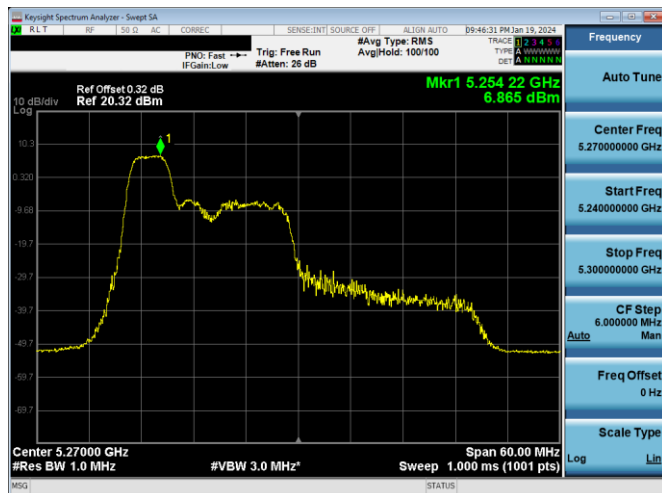
Plot 7-332. PSD Antenna 1b (40MHz BW 11ax Index 40 - RU52 - Ch.54)



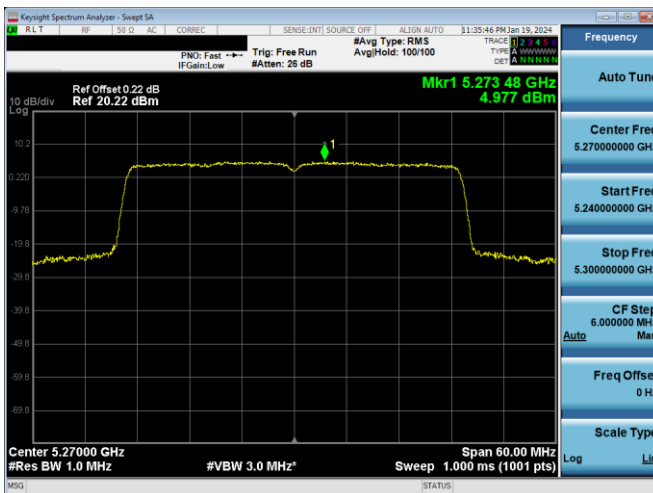
Plot 7-330. PSD Antenna 1b (20MHz BW 11ax- RU242 - Ch.60)



Plot 7-333. PSD Antenna 1b (40MHz BW 11ax Index 44 - RU52 - Ch.54)

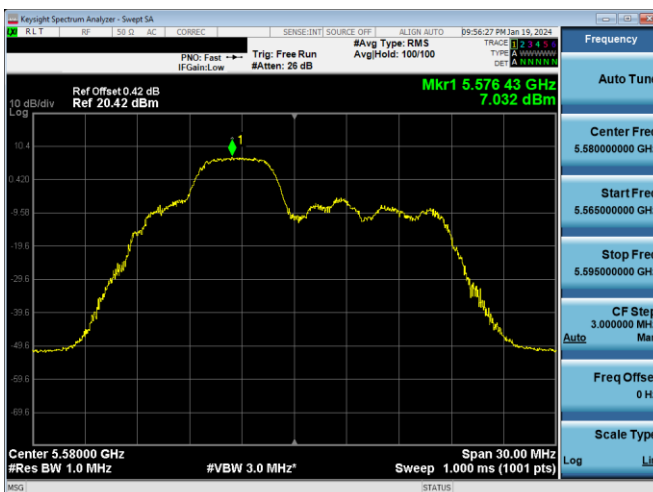
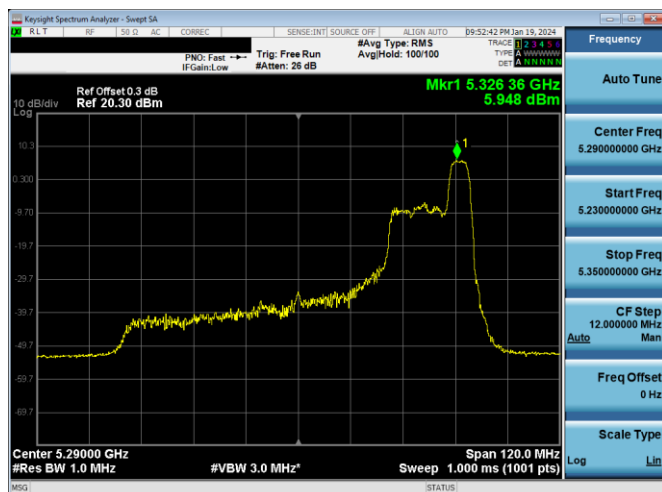
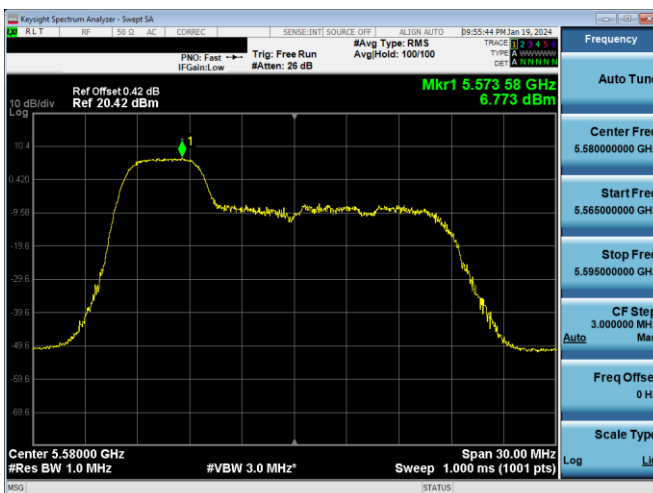
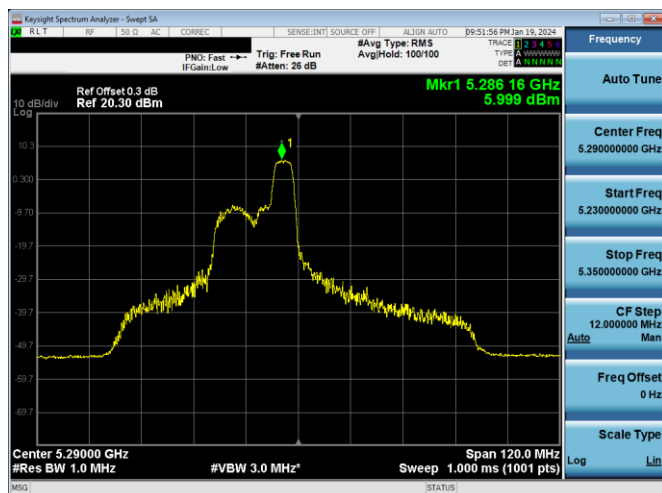
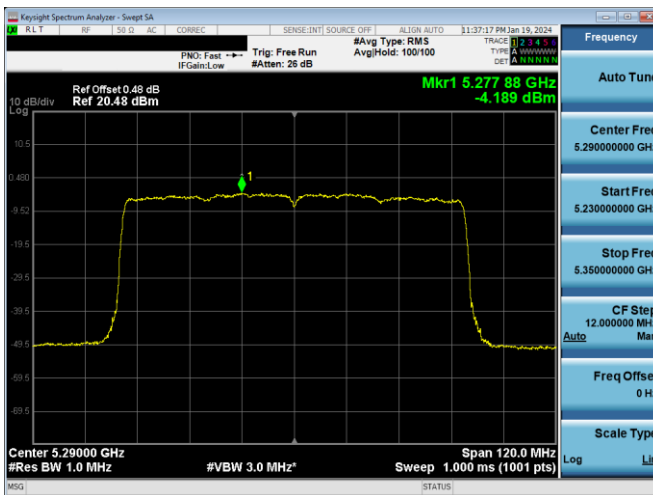
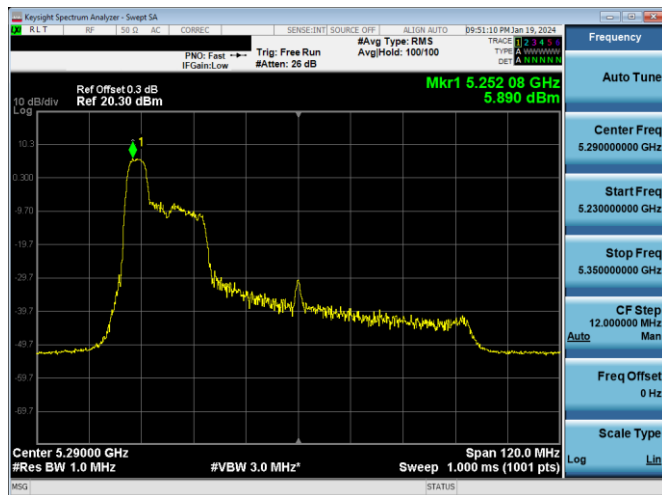


Plot 7-331. PSD Antenna 1b (40MHz BW 11ax- RU52 - Ch.54)



Plot 7-334. PSD Antenna 1b (40MHz BW 11ax - RU484 - Ch.54)

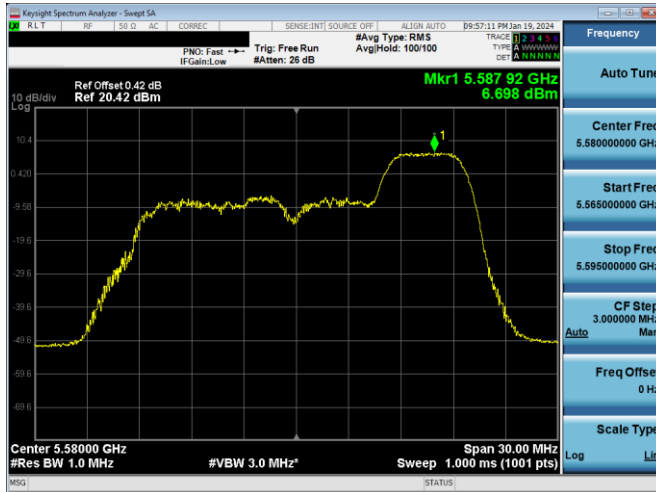
FCC ID: BCGA2903 IC: 579C-A2903			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-25-R1.BCG	Test Dates: 11/28/2023 - 3/05/2024	EUT Type: Tablet Device		Page 166 of 448



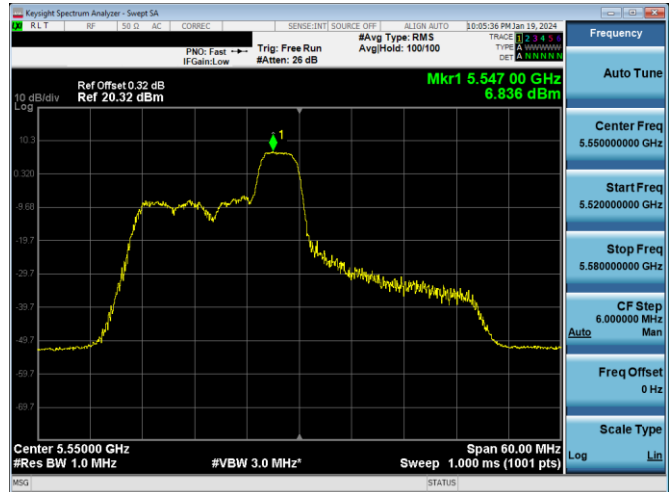
FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-25-R1.BCG			Page 167 of 448
Test Dates: 11/28/2023 - 3/05/2024	EUT Type: Tablet Device		

V 10.6 9/14/2023

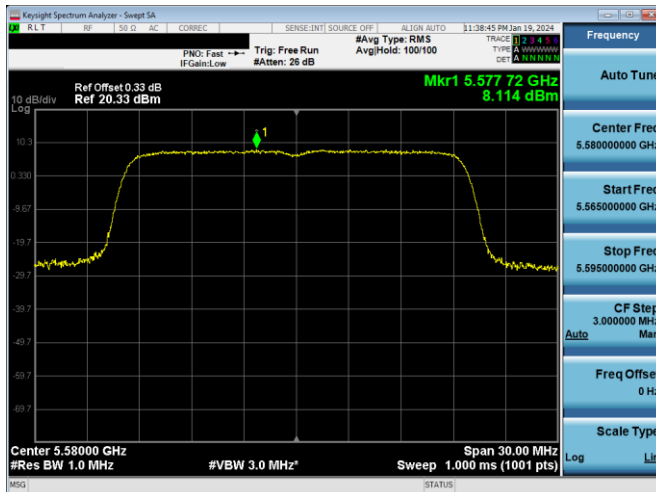
Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry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



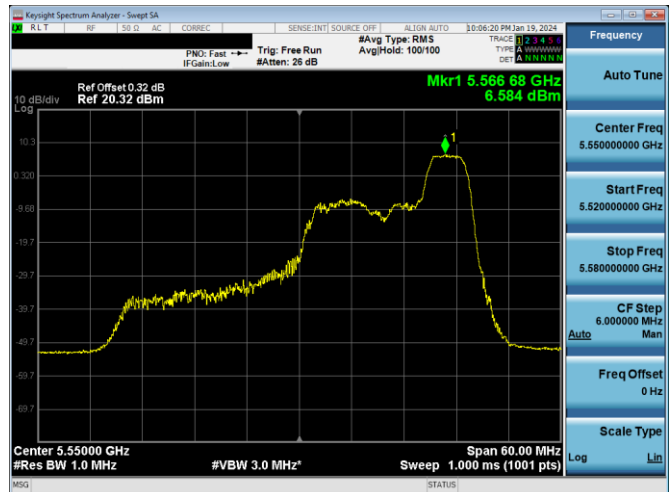
Plot 7-341. PSD Antenna 1b (20MHz BW 11ax Index 40 - RU52 - Ch.116)



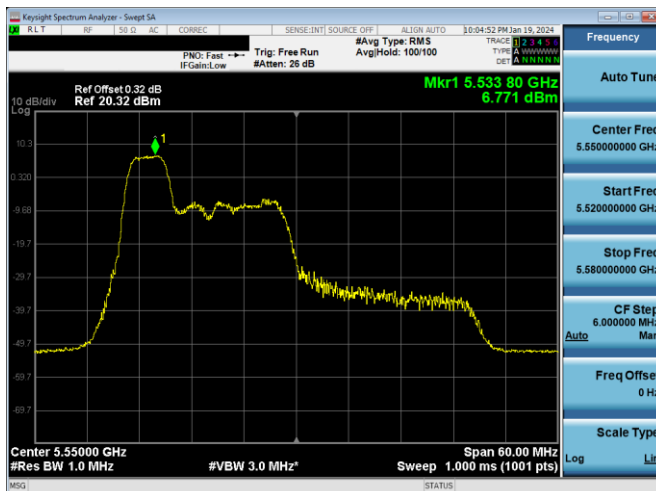
Plot 7-344. PSD Antenna 1b (40MHz BW 11ax Index 40 - RU52 - Ch.110)



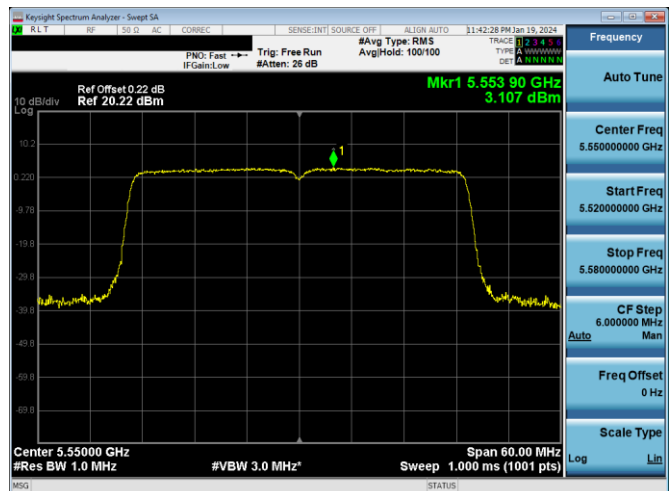
Plot 7-342. PSD Antenna 1b (20MHz BW 11ax - RU242 - Ch.116)



Plot 7-345. PSD Antenna 1b (40MHz BW 11ax Index 44 - RU52 - Ch.110)



Plot 7-343. PSD Antenna 1b (40MHz BW 11ax Index 37 - RU52 - Ch.110)

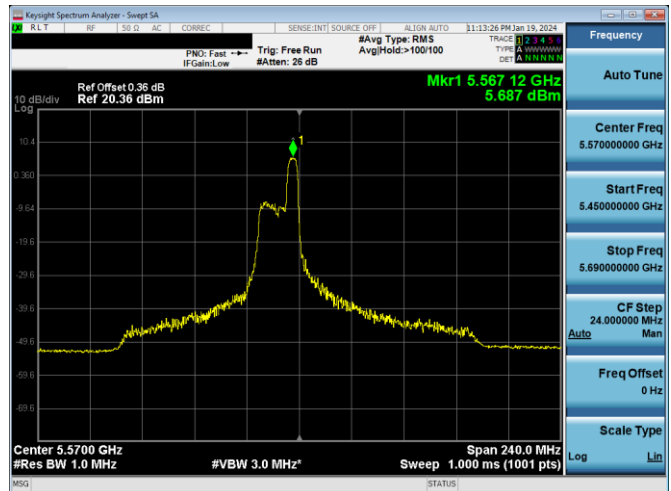
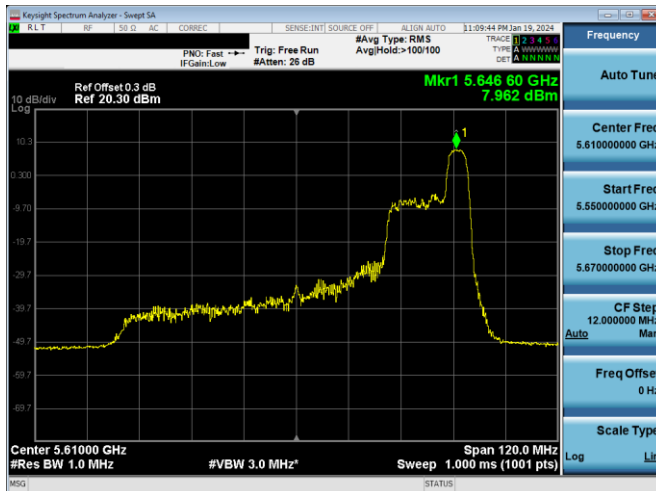
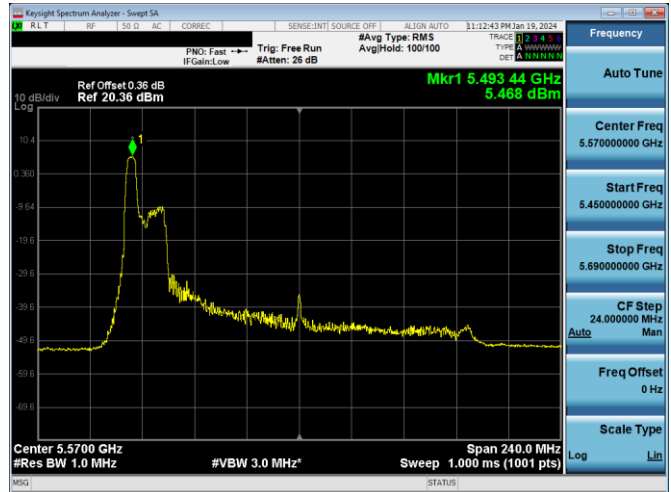
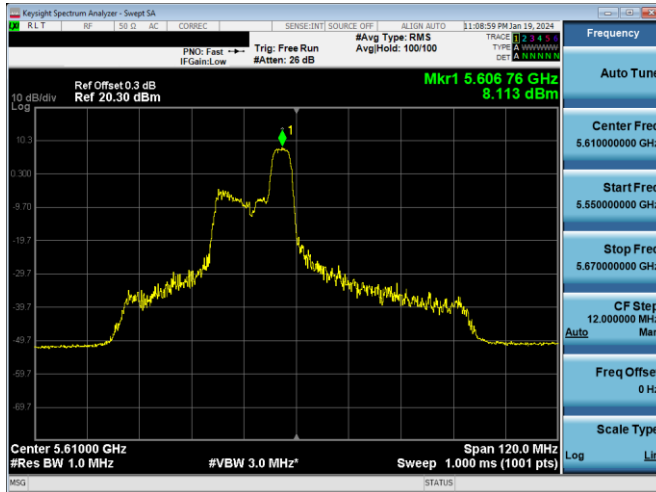
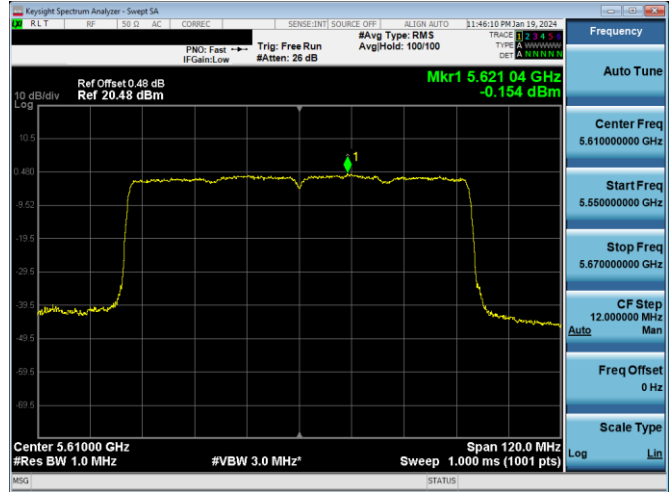
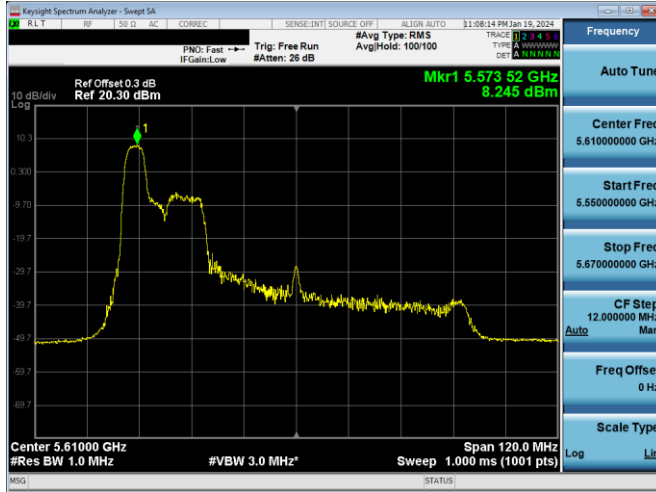


Plot 7-346. PSD Antenna 1b (40MHz BW 11ax - RU484 - Ch.110)

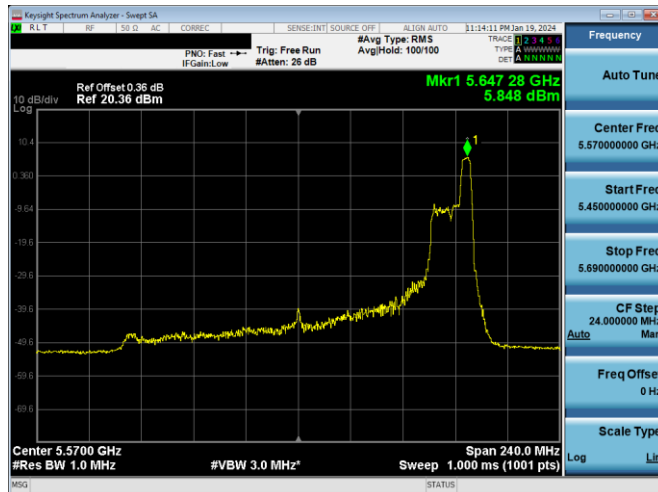
FCC ID: BCGA2903 IC: 579C-A2903			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-25-R1.BCG	Test Dates: 11/28/2023 - 3/05/2024	EUT Type: Tablet Device		Page 168 of 448

V 10.6 9/14/2023

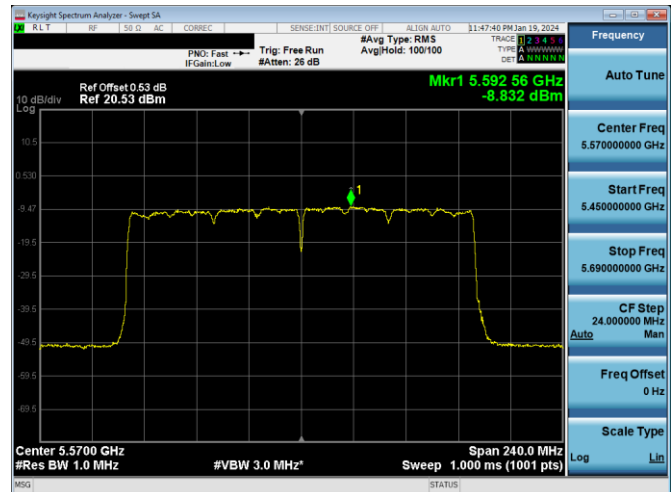
Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry 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			Page 169 of 448
Test Dates: 11/28/2023 - 3/05/2024	EUT Type: Tablet Device		



Plot 7-353. PSD Antenna 1b (160MHz BW 11ax Index 52 – RU52 – Ch.114 (U))



Plot 7-354. PSD Antenna 1b (160MHz BW 11ax – RU996x2 – Ch.114)

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 170 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.

	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)	5.36	30.0	-24.64
				26	4	12.5/14.7 (MCS11)	4.94	30.0	-25.06
				26	8	12.5/14.7 (MCS11)	5.25	30.0	-24.75
	5785	157	ax (20MHz)	26	0	12.5/14.7 (MCS11)	4.84	30.0	-25.16
				26	4	12.5/14.7 (MCS11)	4.85	30.0	-25.15
				26	8	12.5/14.7 (MCS11)	4.59	30.0	-25.42
	5825	165	ax (20MHz)	26	0	12.5/14.7 (MCS11)	5.24	30.0	-24.76
				26	4	12.5/14.7 (MCS11)	5.25	30.0	-24.75
				26	8	12.5/14.7 (MCS11)	5.33	30.0	-24.68
	5755	151	ax (40MHz)	26	0	12.5/14.7 (MCS11)	4.60	30.0	-25.40
				26	8	12.5/14.7 (MCS11)	4.95	30.0	-25.05
				26	17	12.5/14.7 (MCS11)	5.21	30.0	-24.79
	5795	159	ax (40MHz)	26	0	12.5/14.7 (MCS11)	5.02	30.0	-24.98
				26	8	12.5/14.7 (MCS11)	5.14	30.0	-24.86
				26	17	12.5/14.7 (MCS11)	5.10	30.0	-24.90
	5775	155	ax (80MHz)	26	0	12.5/14.7 (MCS11)	5.17	30.0	-24.83
				26	18	12.5/14.7 (MCS11)	3.96	30.0	-26.05
				26	36	12.5/14.7 (MCS11)	4.99	30.0	-25.01

Table 7-184. Band 3 Power Spectral Density Measurements Antenna 1b (RU26)

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 171 of 448

V 10.6 9/14/2023

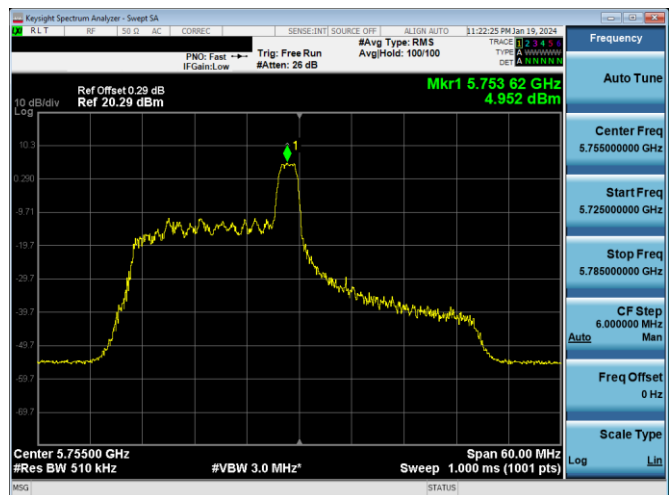
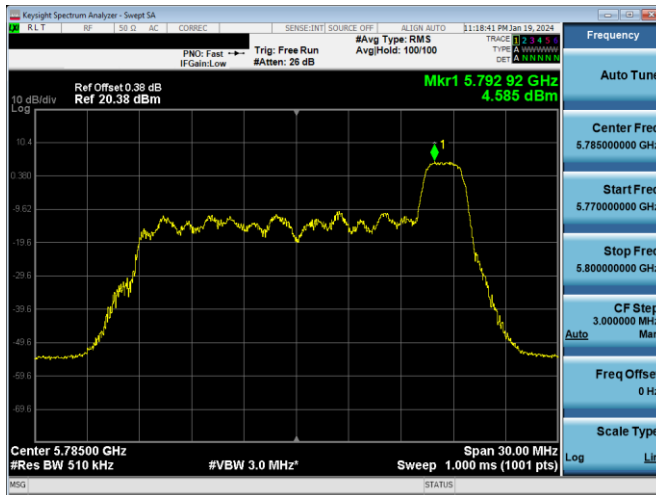
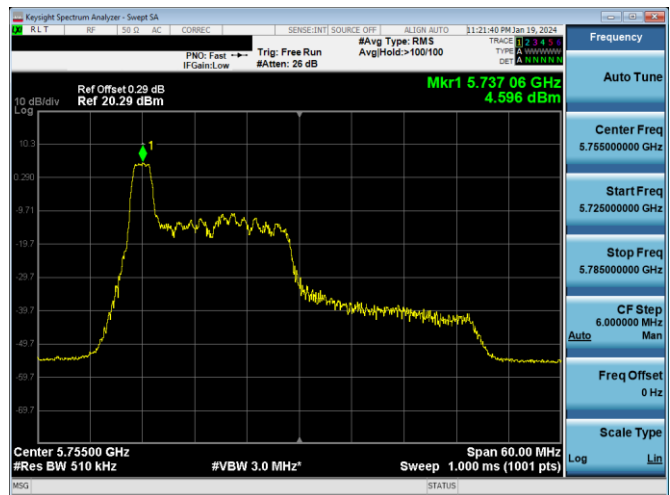
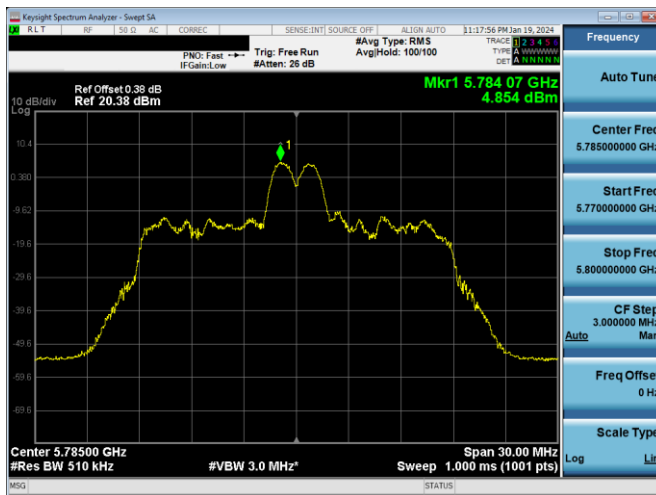
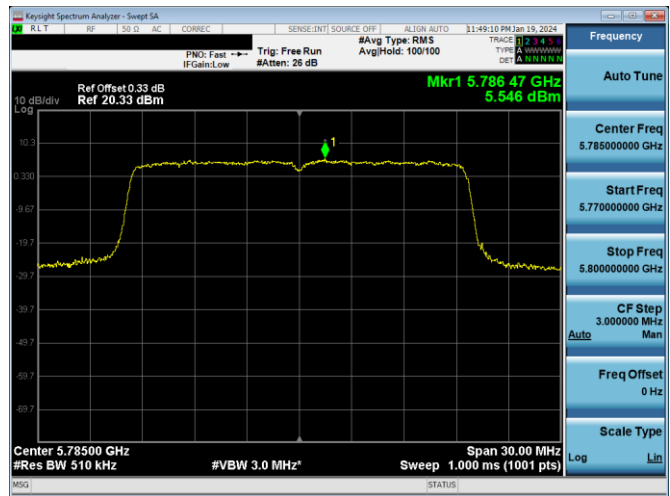
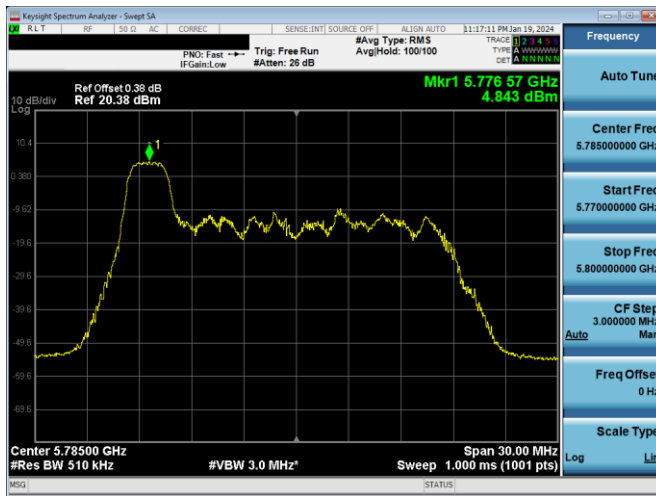
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	ax (20MHz)	242	61	121.9/143.4 (MCS11)	6.16	30.0	-23.84
	5785	157	ax (20MHz)	242	61	121.9/143.4 (MCS11)	5.55	30.0	-24.45
	5825	165	ax (20MHz)	242	61	121.9/143.4 (MCS11)	5.58	30.0	-24.42
	5755	151	ax (40MHz)	484	65	243.8/286.8 (MCS11)	2.57	30.0	-27.43
	5795	159	ax (40MHz)	484	65	243.8/286.8 (MCS11)	2.53	30.0	-27.47
	5775	155	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-3.00	30.0	-33.00

Table 7-185. Band 3 Power Spectral Density Measurements Antenna 1b (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 172 of 448

V 10.6 9/14/2023

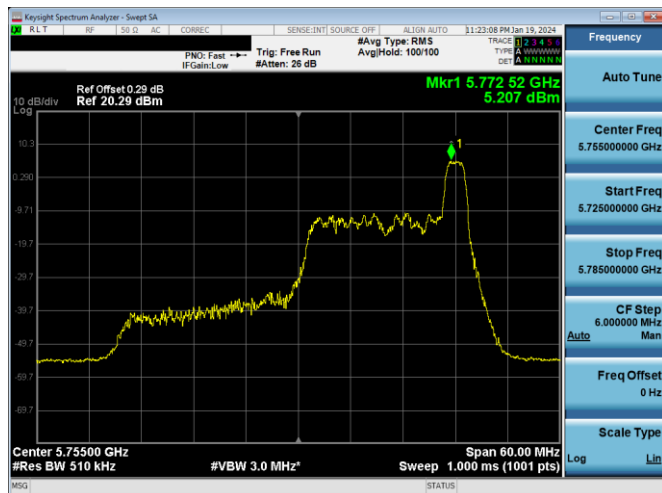
Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry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



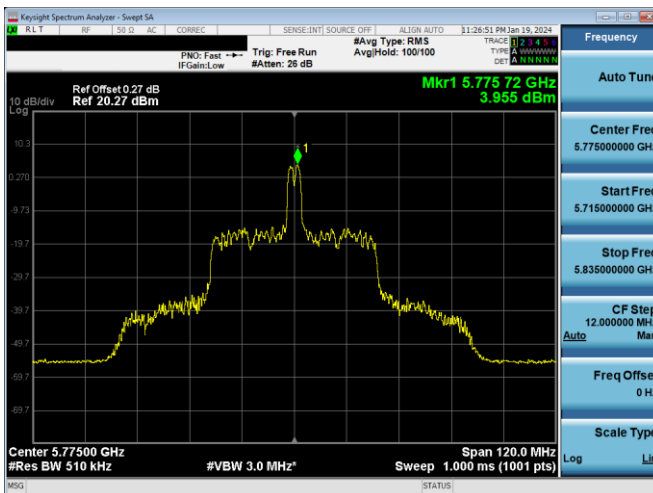
FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-25-R1.BCG	Test Dates: 11/28/2023 - 3/05/2024	EUT Type: Tablet Device	Page 173 of 448

V 10.6 9/14/2023

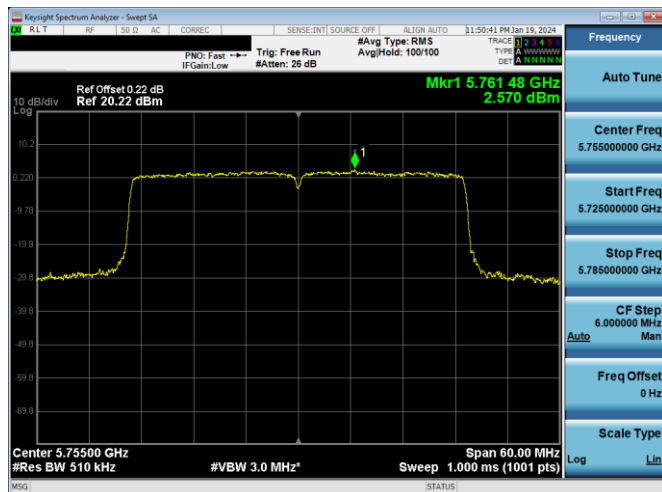
Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry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



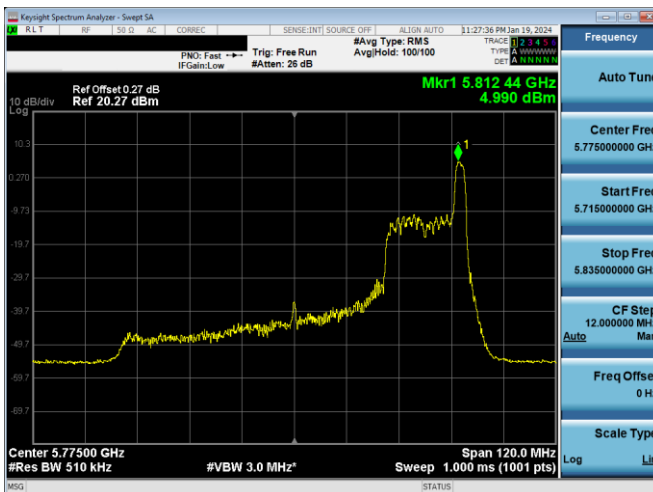
Plot 7-361. PSD Antenna 1b (40MHz BW 11ax Index 17 - RU26 - Ch.151)



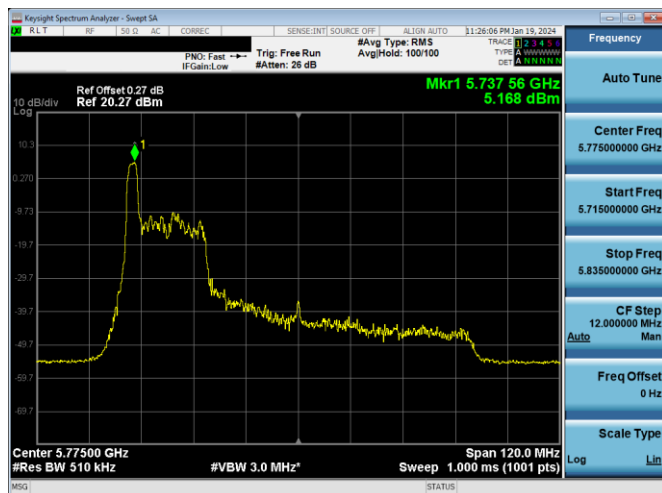
Plot 7-364. PSD Antenna 1b (80MHz BW 11ax Index 18 - RU26 - Ch.155)



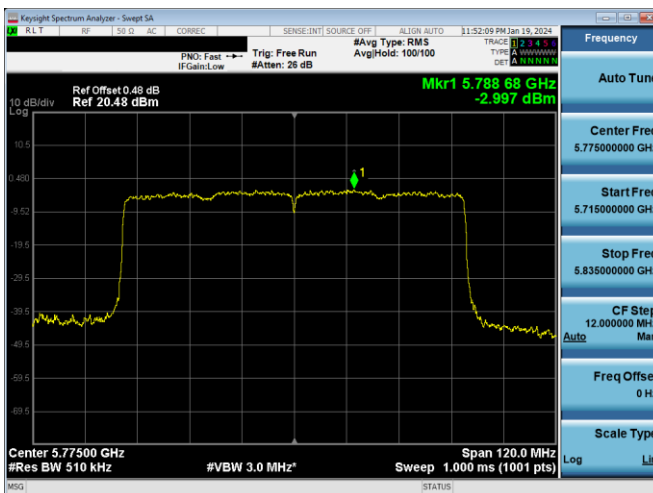
Plot 7-362. PSD Antenna 1b (40MHz BW 11ax - RU484 - Ch.151)



Plot 7-365. PSD Antenna 1b (80MHz BW 11ax Index 36 - RU26 - Ch.155)



Plot 7-363. PSD Antenna 1b (80MHz BW 11ax Index 0 - RU26 - Ch.155)



Plot 7-366. PSD Antenna 1b (80MHz BW 11ax - RU996 - Ch.155)

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 174 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.

	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)	6.26	-2.60	3.66	10.0	-6.34
				26	4	12.5/14.7 (MCS11)	5.37	-2.60	2.77	10.0	-7.23
				26	8	12.5/14.7 (MCS11)	5.71	-2.60	3.11	10.0	-6.89
	5200	40	ax (20MHz)	26	0	12.5/14.7 (MCS11)	5.95	-2.60	3.35	10.0	-6.65
				26	4	12.5/14.7 (MCS11)	5.35	-2.60	2.75	10.0	-7.25
				26	8	12.5/14.7 (MCS11)	5.78	-2.60	3.18	10.0	-6.82
	5240	48	ax (20MHz)	26	0	12.5/14.7 (MCS11)	6.51	-2.60	3.91	10.0	-6.09
				26	4	12.5/14.7 (MCS11)	5.48	-2.60	2.88	10.0	-7.13
				26	8	12.5/14.7 (MCS11)	6.59	-2.60	3.99	10.0	-6.01
	5190	38	ax (40MHz)	26	0	12.5/14.7 (MCS11)	6.03	-2.60	3.43	10.0	-6.57
				26	8	12.5/14.7 (MCS11)	6.82	-2.60	4.22	10.0	-5.78
				26	17	12.5/14.7 (MCS11)	6.44	-2.60	3.84	10.0	-6.16
	5230	46	ax (40MHz)	26	0	12.5/14.7 (MCS11)	6.81	-2.60	4.21	10.0	-5.79
				26	8	12.5/14.7 (MCS11)	7.01	-2.60	4.41	10.0	-5.59
				26	17	12.5/14.7 (MCS11)	6.51	-2.60	3.91	10.0	-6.09
	5210	42	ax (80MHz)	26	0	12.5/14.7 (MCS11)	6.29	-2.60	3.69	10.0	-6.31
				26	18	12.5/14.7 (MCS11)	5.43	-2.60	2.83	10.0	-7.17
				26	36	12.5/14.7 (MCS11)	6.65	-2.60	4.05	10.0	-5.95
	5250	50 (L)	ax (160MHz)	52	37	25/29.4 (MCS11)	6.82	-2.60	4.22	10.0	-5.78
				52	52	25/29.4 (MCS11)	5.37	-2.60	2.77	10.0	-7.24

Table 7-186. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 1b (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)	4.05	-2.60	1.45	10.0	-8.55
	5200	40	ax (20MHz)	242	61	121.9/143.4 (MCS11)	5.44	-2.60	2.84	10.0	-7.16
	5240	48	ax (20MHz)	242	61	121.9/143.4 (MCS11)	5.88	-2.60	3.28	10.0	-6.72
	5190	38	ax (40MHz)	484	65	243.8/286.8 (MCS11)	0.46	-2.60	-2.14	10.0	-12.14
	5230	46	ax (40MHz)	484	65	243.8/286.8 (MCS11)	5.12	-2.60	2.52	10.0	-7.48
	5210	42	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-2.37	-2.60	-4.97	10.0	-14.97
	5250	50	ax (160MHz)	996x2	68	510.4/600.5 (MCS11)	-8.56	-2.60	-11.16	10.0	-21.16

Table 7-187. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 1b (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 175 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.