

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 208 of 448

Summed CDD/SDM Diversity Power Spectral Density Measurements

	Frequency [MHz]	Channel No.	802.11 MODE	Mode	RU Size	RU Index	Data Rate [Mbps]	Antenna 3c Power Density [dBm/MHz]	Antenna 1b Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	ax (20MHz)	CDD	26	0	25/29.4 (MCS11)	6.23	6.40	9.32	11.0	-4.61
					26	4	25/29.4 (MCS11)	4.95	5.18	8.08	11.0	-5.82
					26	8	25/29.4 (MCS11)	5.98	6.24	9.12	11.0	-4.76
	5200	40	ax (20MHz)	CDD	26	0	25/29.4 (MCS11)	6.12	6.17	9.16	11.0	-4.83
					26	4	25/29.4 (MCS11)	5.51	5.03	8.29	11.0	-5.97
					26	8	25/29.4 (MCS11)	6.20	6.27	9.24	11.0	-4.73
	5240	48	ax (20MHz)	CDD	26	0	25/29.4 (MCS11)	6.43	6.57	9.51	11.0	-4.43
					26	4	25/29.4 (MCS11)	5.28	5.25	8.27	11.0	-5.75
					26	8	25/29.4 (MCS11)	6.24	6.49	9.38	11.0	-4.51
	5190	38	ax (40MHz)	CDD	26	0	25/29.4 (MCS11)	6.20	5.97	9.10	11.0	-5.03
					26	8	25/29.4 (MCS11)	6.20	6.15	9.18	11.0	-4.86
					26	17	25/29.4 (MCS11)	5.70	6.00	8.86	11.0	-5.00
	5230	46	ax (40MHz)	CDD	26	0	25/29.4 (MCS11)	5.79	6.21	9.02	11.0	-4.79
					26	8	25/29.4 (MCS11)	6.04	6.35	9.21	11.0	-4.65
					26	17	25/29.4 (MCS11)	5.88	6.57	9.25	11.0	-4.43
	5210	42	ax (80MHz)	CDD	26	0	25/29.4 (MCS11)	5.98	6.50	9.26	11.0	-4.51
					26	18	25/29.4 (MCS11)	4.98	5.39	8.20	11.0	-5.61
					26	36	25/29.4 (MCS11)	6.13	6.46	9.31	11.0	-4.54

Table 7-195. Band 1 Power Spectral Density Measurements CDD Diversity (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 209 of 448

	Frequency [MHz]	Channel No.	802.11 MODE	Mode	RU Size	RU Index	Data Rate [Mbps]	Antenna 3c Power Density [dBm/MHz]	Antenna 1b Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1/2A												
	5250	50 (L)	ax (160MHz)	CDD	52	37	50/58.8 (MCS11)	5.20	5.42	8.32	11.0	-5.58
		50 (U)			52	52	50/58.8 (MCS11)	5.03	5.53	8.30	11.0	-5.47
					52	52	50/58.8 (MCS11)	4.78	5.59	8.21	11.0	-5.41
Band 2A												
	5260	52	ax (20MHz)	CDD	52	37	50/58.8 (MCS11)	6.51	6.81	9.68	11.0	-4.19
					52	38	50/58.8 (MCS11)	6.48	6.77	9.63	11.0	-4.23
					52	40	50/58.8 (MCS11)	6.27	6.67	9.48	11.0	-4.33
	5280	60	ax (20MHz)	CDD	52	37	50/58.8 (MCS11)	6.09	6.59	9.36	11.0	-4.41
					52	38	50/58.8 (MCS11)	6.13	6.69	9.43	11.0	-4.31
					52	40	50/58.8 (MCS11)	6.41	6.45	9.44	11.0	-4.55
	5320	64	ax (20MHz)	CDD	52	37	50/58.8 (MCS11)	6.21	6.65	9.44	11.0	-4.35
					52	38	50/58.8 (MCS11)	5.76	6.54	9.18	11.0	-4.46
					52	40	50/58.8 (MCS11)	6.08	6.46	9.29	11.0	-4.54
	5270	54	ax (40MHz)	CDD	52	37	50/58.8 (MCS11)	6.21	6.76	9.51	11.0	-4.24
					52	40	50/58.8 (MCS11)	6.41	6.48	9.45	11.0	-4.53
					52	44	50/58.8 (MCS11)	6.12	6.61	9.38	11.0	-4.39
	5310	62	ax (40MHz)	CDD	52	37	50/58.8 (MCS11)	5.94	6.56	9.27	11.0	-4.44
					52	40	50/58.8 (MCS11)	6.13	5.96	9.06	11.0	-5.04
					52	44	50/58.8 (MCS11)	5.91	6.22	9.08	11.0	-4.78
	5290	58	ax (80MHz)	CDD	52	37	50/58.8 (MCS11)	6.01	6.48	9.26	11.0	-4.52
					52	44	50/58.8 (MCS11)	6.07	6.57	9.34	11.0	-4.43
					52	52	50/58.8 (MCS11)	6.47	6.62	9.56	11.0	-4.38
Band 2C												
	5500	100	ax (20MHz)	CDD	52	37	50/58.8 (MCS11)	6.20	6.44	9.33	11.0	-4.56
					52	38	50/58.8 (MCS11)	6.19	6.36	9.29	11.0	-4.64
					52	40	50/58.8 (MCS11)	6.13	6.48	9.31	11.0	-4.52
	5580	116	ax (20MHz)	CDD	52	37	50/58.8 (MCS11)	6.89	6.63	9.77	11.0	-4.37
					52	38	50/58.8 (MCS11)	6.90	6.80	9.86	11.0	-4.20
					52	40	50/58.8 (MCS11)	6.70	6.87	9.80	11.0	-4.13
	5720	144	ax (20MHz)	CDD	52	37	50/58.8 (MCS11)	6.46	6.60	9.54	11.0	-4.40
					52	38	50/58.8 (MCS11)	6.60	6.85	9.74	11.0	-4.15
					52	40	50/58.8 (MCS11)	6.38	6.69	9.55	11.0	-4.31
	5510	102	ax (40MHz)	CDD	52	37	50/58.8 (MCS11)	6.05	6.35	9.21	11.0	-4.65
					52	40	50/58.8 (MCS11)	6.04	6.34	9.20	11.0	-4.67
					52	44	50/58.8 (MCS11)	5.92	6.16	9.05	11.0	-4.84
	5550	110	ax (40MHz)	CDD	52	37	50/58.8 (MCS11)	6.60	6.57	9.59	11.0	-4.43
					52	40	50/58.8 (MCS11)	6.77	6.58	9.69	11.0	-4.42
					52	44	50/58.8 (MCS11)	6.65	6.76	9.72	11.0	-4.24
	5590	118	ax (40MHz)	CDD	52	37	50/58.8 (MCS11)	6.20	6.75	9.49	11.0	-4.25
					52	40	50/58.8 (MCS11)	7.06	6.57	9.83	11.0	-4.43
					52	44	50/58.8 (MCS11)	6.71	6.61	9.67	11.0	-4.39
	5670	134	ax (40MHz)	CDD	52	37	50/58.8 (MCS11)	6.31	6.53	9.43	11.0	-4.47
					52	40	50/58.8 (MCS11)	6.56	6.51	9.54	11.0	-4.49
					52	44	50/58.8 (MCS11)	6.35	6.24	9.30	11.0	-4.76
	5710	142	ax (40MHz)	CDD	52	37	50/58.8 (MCS11)	6.62	6.38	9.51	11.0	-4.63
					52	40	50/58.8 (MCS11)	6.39	6.54	9.47	11.0	-4.46
					52	44	50/58.8 (MCS11)	6.55	6.29	9.43	11.0	-4.71
	5530	106	ax (80MHz)	CDD	52	37	50/58.8 (MCS11)	6.31	6.44	9.39	11.0	-4.56
					52	44	50/58.8 (MCS11)	5.84	6.26	9.07	11.0	-4.74
					52	52	50/58.8 (MCS11)	6.33	6.29	9.32	11.0	-4.71
	5610*	122	ax (80MHz)	CDD	52	37	50/58.8 (MCS11)	6.60	6.82	9.72	11.0	-4.18
					52	44	50/58.8 (MCS11)	6.34	6.43	9.39	11.0	-4.57
					52	52	50/58.8 (MCS11)	6.18	6.59	9.40	11.0	-4.41
	5690	138	ax (80MHz)	CDD	52	37	50/58.8 (MCS11)	6.84	6.39	9.63	11.0	-4.61
					52	44	50/58.8 (MCS11)	6.38	6.53	9.46	11.0	-4.47
					52	52	50/58.8 (MCS11)	6.80	6.15	9.50	11.0	-4.85
	5570*	114 (L)	ax (160MHz)	CDD	52	37	50/58.8 (MCS11)	4.92	5.37	8.16	11.0	-5.63
		114 (U)			52	52	50/58.8 (MCS11)	4.84	5.28	8.07	11.0	-5.73
					52	52	50/58.8 (MCS11)	4.79	5.42	8.12	11.0	-5.59

Table 7-196. Bands 2A, 2C Power Spectral Density Measurements CDD Diversity (RU52)

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

FCC ID: BCGA2903	IC: 579C-A2903	Test Report S/N: 1C2311270064-25-R1.BCG	Test Dates: 11/28/2023 - 3/05/2024	EUT Type: Tablet Device	Approved by: Technical Manager
					V 10.6 9/14/2023

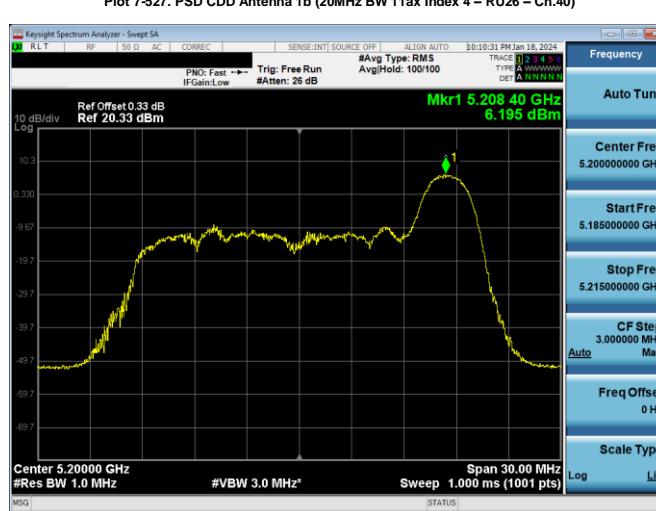
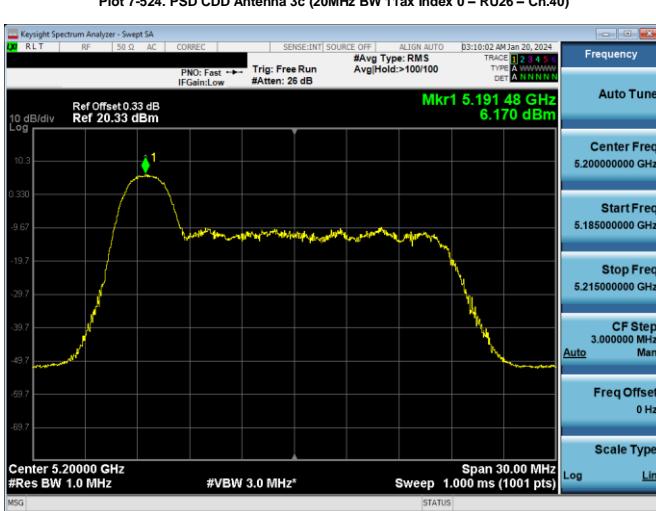
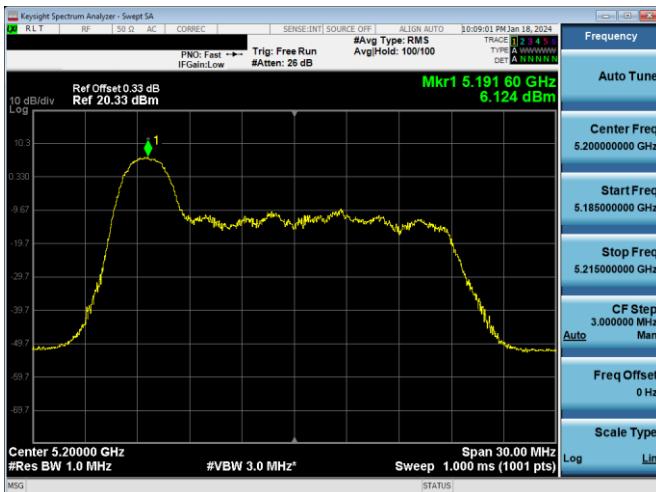
Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry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

	Frequency [MHz]	Channel	802.11 MODE	Mode	RU Size	RU Index	Data Rate [Mbps]	Antenna 3c Power Density [dBm/MHz]	Antenna 1b Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	ax (20MHz)	CDD	242	61	243.8/286.8 (MCS11)	4.06	4.51	7.30	11.0	-6.49
	5200	40	ax (20MHz)	CDD	242	61	243.8/286.8 (MCS11)	6.04	5.76	8.91	11.0	-5.24
	5240	48	ax (20MHz)	CDD	242	61	243.8/286.8 (MCS11)	5.82	6.06	8.95	11.0	-4.94
	5190	38	ax (40MHz)	CDD	484	65	487.5/573.5 (MCS11)	-0.63	-0.50	2.44	11.0	-11.50
	5230	46	ax (40MHz)	CDD	484	65	487.5/573.5 (MCS11)	4.76	4.91	7.85	11.0	-6.09
	5210	42	ax (80MHz)	CDD	996	67	1020.8/1201 (MCS11)	-4.65	-3.68	-1.13	11.0	-14.68
Band 1/2A	5250	50	ax (160MHz)	CDD	996x2	68	1020.8/1201 (MCS11)	-8.64	-9.05	-5.83	11.0	-20.05
Band 2A	5260	52	ax (20MHz)	CDD	242	61	243.8/286.8 (MCS11)	5.69	5.81	8.76	11.0	-5.19
	5280	60	ax (20MHz)	CDD	242	61	243.8/286.8 (MCS11)	5.49	5.53	8.52	11.0	-5.47
	5320	64	ax (20MHz)	CDD	242	61	243.8/286.8 (MCS11)	4.69	4.29	7.50	11.0	-6.71
	5270	54	ax (40MHz)	CDD	484	65	487.5/573.5 (MCS11)	4.60	4.57	7.59	11.0	-6.43
	5310	62	ax (40MHz)	CDD	484	65	487.5/573.5 (MCS11)	-0.48	-0.55	2.50	11.0	-11.55
	5290	58	ax (80MHz)	CDD	996	67	1020.8/1201 (MCS11)	-4.08	-4.07	-1.06	11.0	-15.07
Band 2C	5500	100	ax (20MHz)	CDD	242	61	243.8/286.8 (MCS11)	2.35	2.51	5.44	11.0	-8.49
	5580	116	ax (20MHz)	CDD	242	61	243.8/286.8 (MCS11)	5.65	5.81	8.74	11.0	-5.19
	5700	140	ax (20MHz)	CDD	242	61	243.8/286.8 (MCS11)	1.75	1.68	4.72	11.0	-9.32
	5720	144	ax (20MHz)	CDD	242	61	243.8/286.8 (MCS11)	5.76	5.53	8.65	11.0	-5.48
	5510	102	ax (40MHz)	CDD	484	65	487.5/573.5 (MCS11)	-1.86	-1.85	1.15	11.0	-12.85
	5550	110	ax (40MHz)	CDD	484	65	487.5/573.5 (MCS11)	3.37	3.39	6.39	11.0	-7.61
	5590	118	ax (40MHz)	CDD	484	65	487.5/573.5 (MCS11)	5.47	5.30	8.40	11.0	-5.70
	5670	134	ax (40MHz)	CDD	484	65	487.5/573.5 (MCS11)	0.02	0.45	3.25	11.0	-10.55
	5710	142	ax (40MHz)	CDD	484	65	487.5/573.5 (MCS11)	5.05	5.01	8.04	11.0	-5.99
	5530	106	ax (80MHz)	CDD	996	67	1020.8/1201 (MCS11)	-4.18	-4.41	-1.28	11.0	-15.41
	5610*	122	ax (80MHz)	CDD	996	67	1020.8/1201 (MCS11)	-0.96	-1.07	1.99	11.0	-12.07
	5690	138	ax (80MHz)	CDD	996	67	1020.8/1201 (MCS11)	2.46	2.06	5.28	11.0	-8.94
	5570*	114	ax (160MHz)	CDD	996x2	68	1020.8/1201 (MCS11)	-9.34	-9.47	-6.40	11.0	-20.47

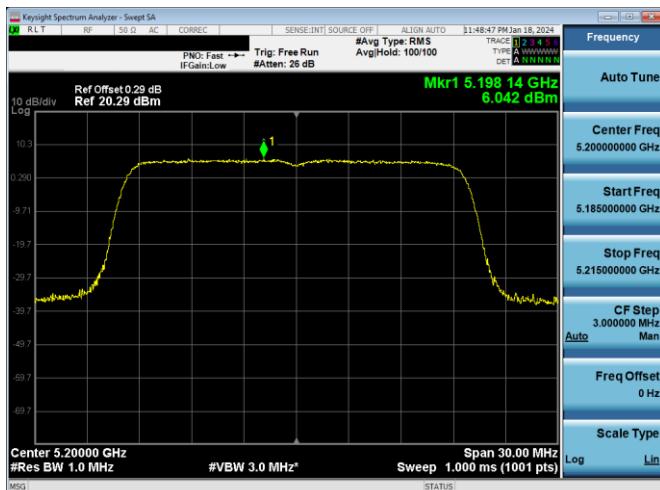
Table 7-197. Bands 1, 2A, 2C Power Spectral Density Measurements CDD Diversity (Fully-loaded RU)

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

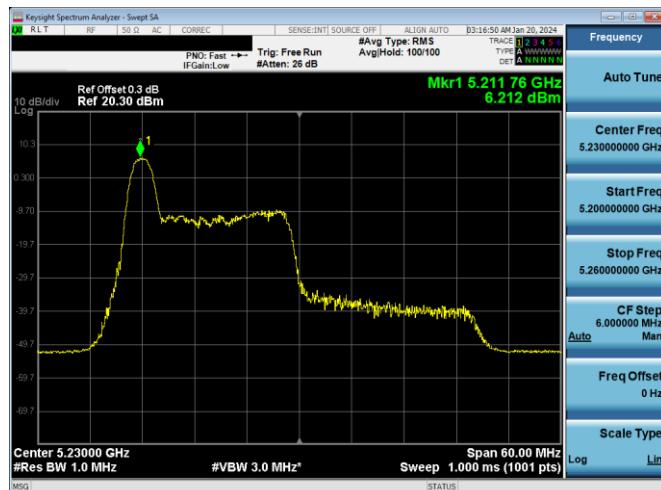
FCC ID: BCGA2903	IC: 579C-A2903	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-25-R1.BCG	Test Dates: 11/28/2023 - 3/05/2024	EUT Type: Tablet Device		Page 211 of 448



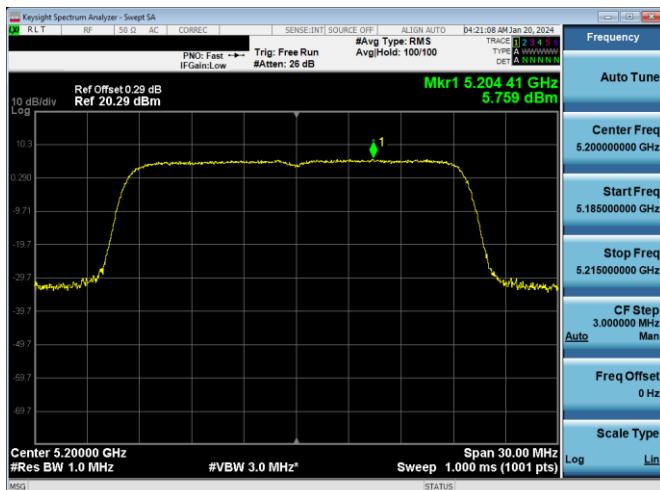
FCC ID: BCGA2903 IC: 579C-A2903	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-25-R1.BCG	Test Dates: 11/28/2023 - 3/05/2024	EUT Type: Tablet Device	Page 212 of 448



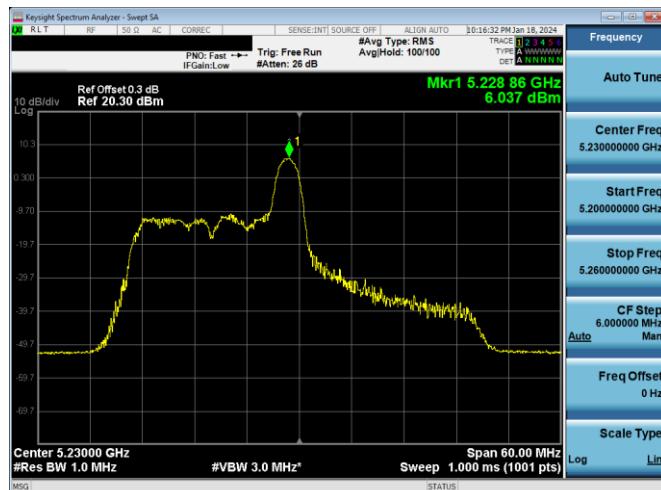
Plot 7-530. PSD CDD Antenna 3c (20MHz BW 11ax – RU242 – Ch.40)



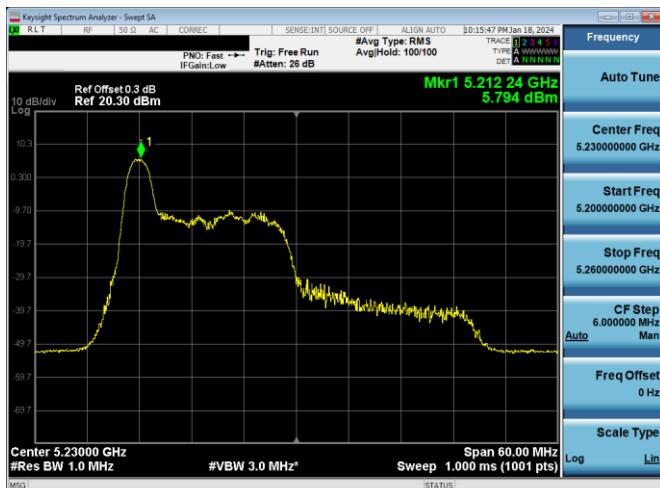
Plot 7-533. PSD CDD Antenna 1b (40MHz BW 11ax Index 0 – RU26 – Ch.46)



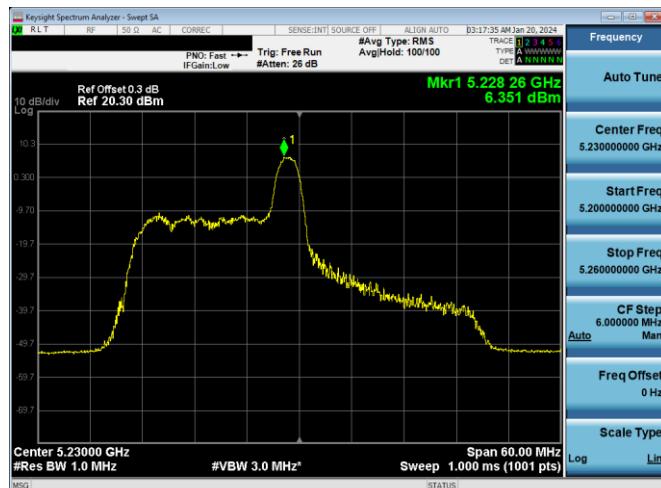
Plot 7-531. PSD CDD Antenna 1b (20MHz BW 11ax – RU242 – Ch.40)



Plot 7-534. PSD CDD Antenna 3c (40MHz BW 11ax Index 8 – RU26 – Ch.46)

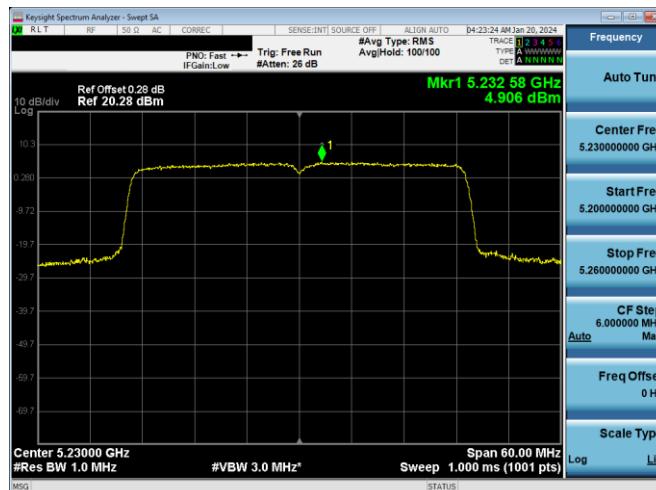
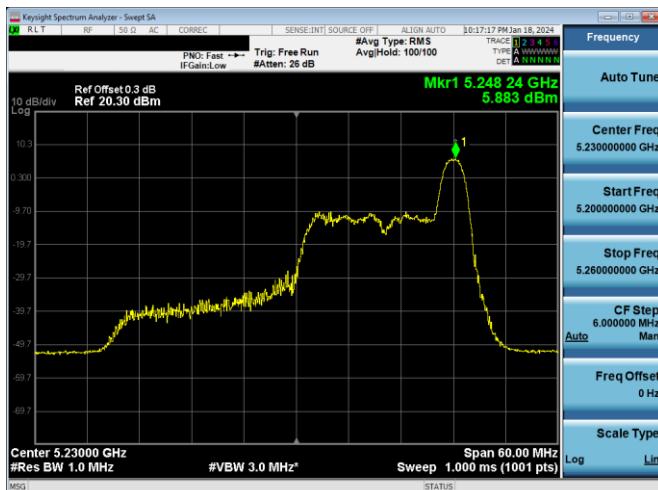


Plot 7-532. PSD CDD Antenna 3c (40MHz BW 11ax Index 0 – RU26 – Ch.46)



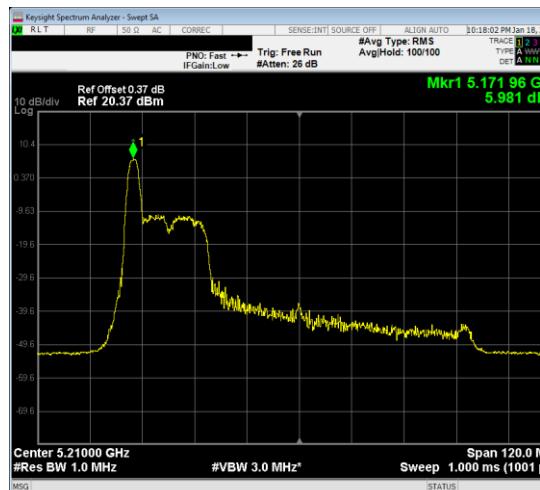
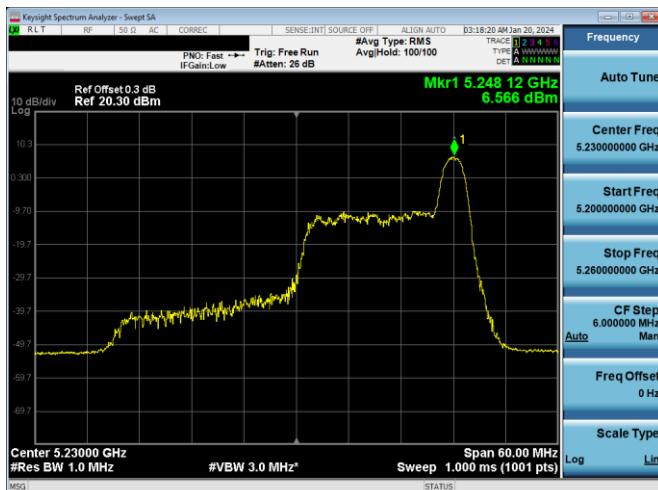
Plot 7-535. PSD CDD Antenna 1b (40MHz BW 11ax Index 8 – RU26 – Ch.46)

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 213 of 448



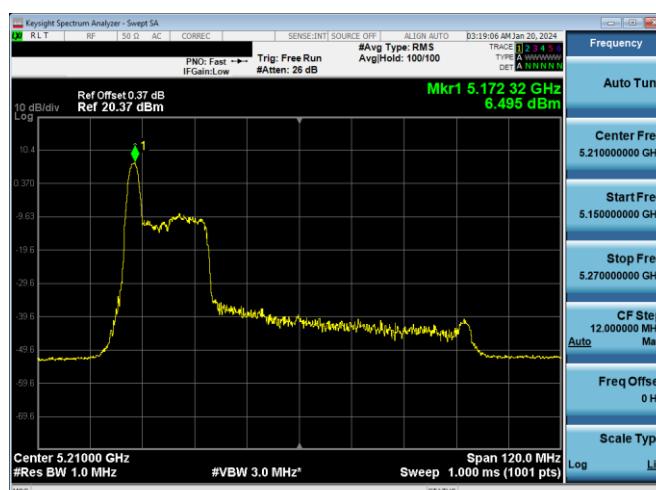
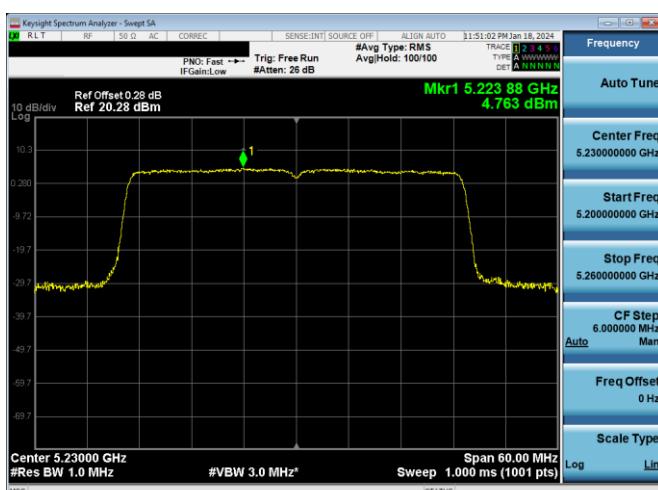
Plot 7-536. PSD CDD Antenna 3c (40MHz BW 11ax Index 17 – RU26 – Ch.46)

Plot 7-539. PSD CDD Antenna 1b (40MHz BW 11ax Index 17 – RU26 – Ch.46)



Plot 7-537. PSD CDD Antenna 1b (40MHz BW 11ax Index 17 – RU26 – Ch.46)

Plot 7-540. PSD CDD Antenna 3c (80MHz BW 11ax Index 0 – RU26 – Ch.42)



Plot 7-538. PSD CDD Antenna 3c (40MHz BW 11ax – RU484 – Ch.46)

Plot 7-541. PSD CDD Antenna 1b (80MHz BW 11ax Index 0 – RU26 – Ch.42)

FCC ID: BCGA2903	 element
IC: 579C-A2903	

**MEASUREMENT REPORT
(CERTIFICATION)**

Approved by:
Technical Manager

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

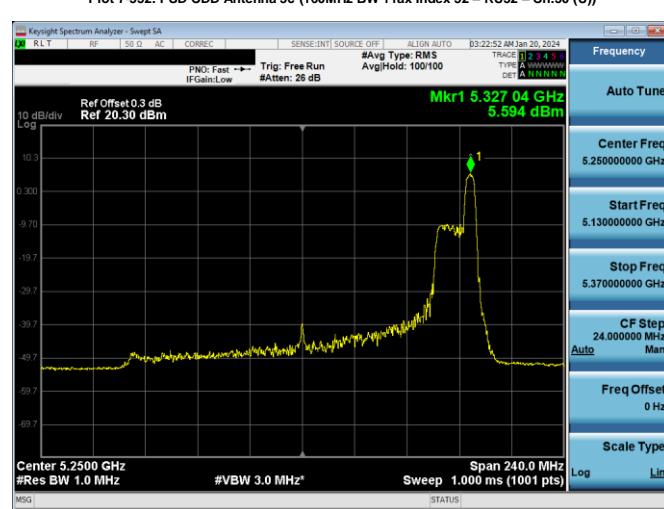
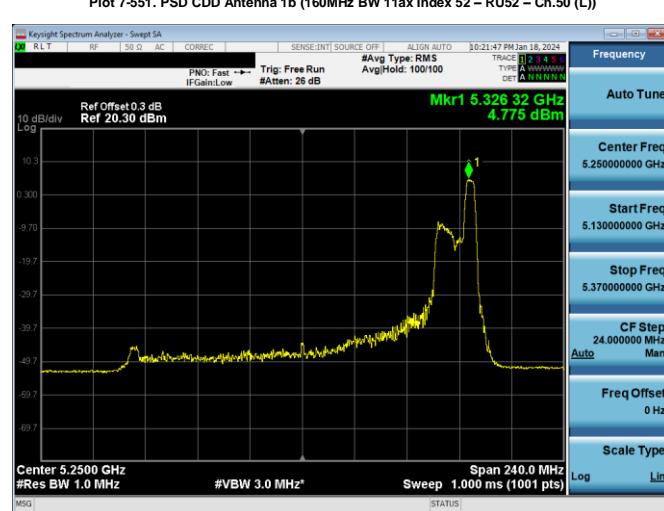
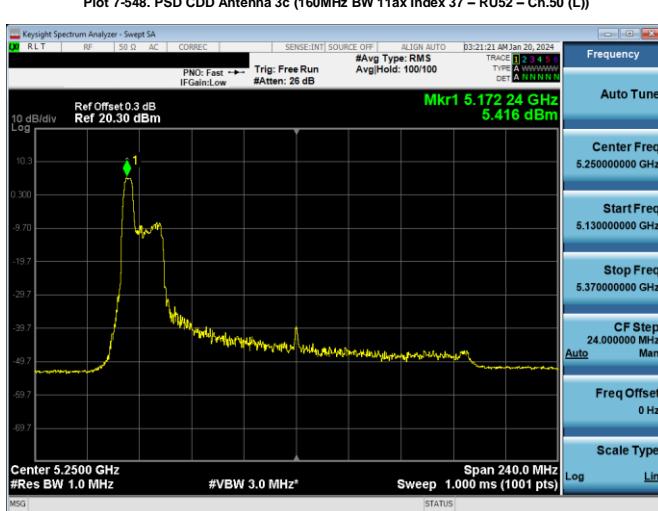
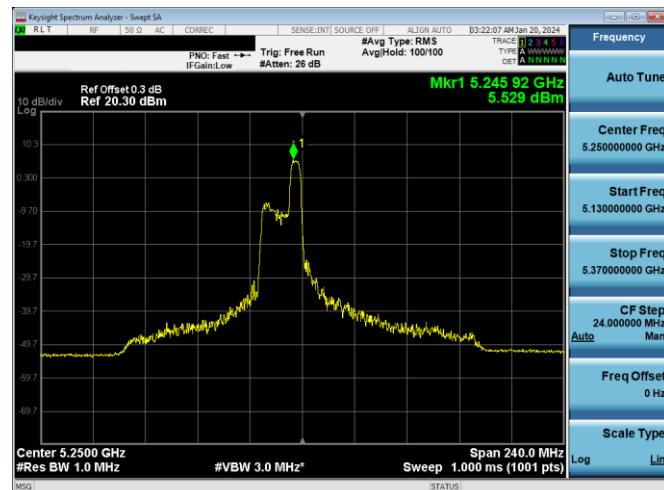
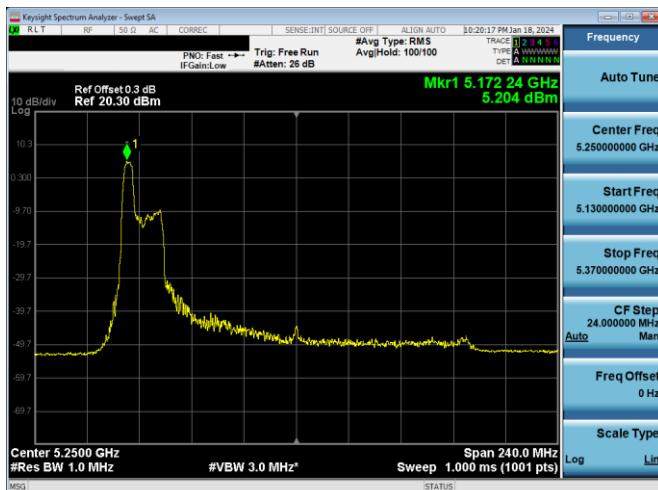
EUT Type: Tablet Device

Page 214 of 448

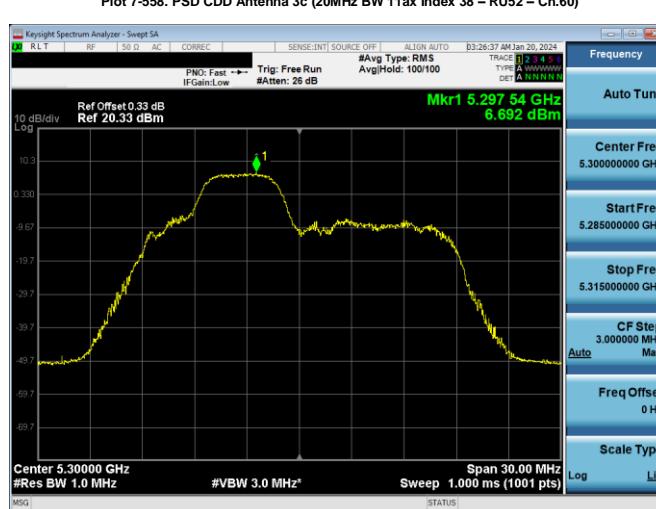
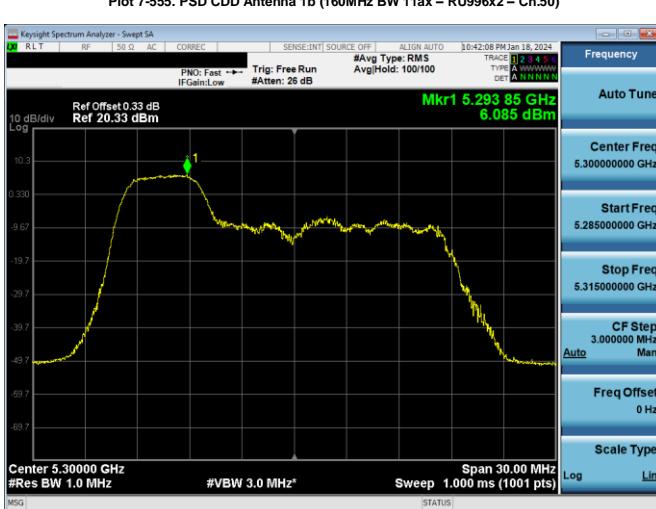
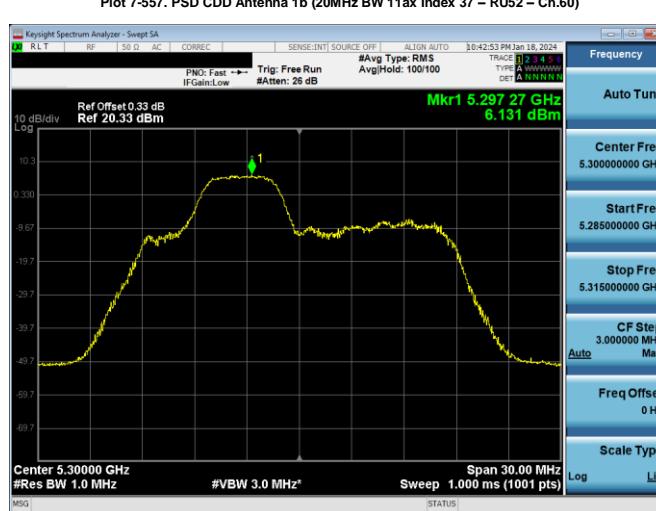
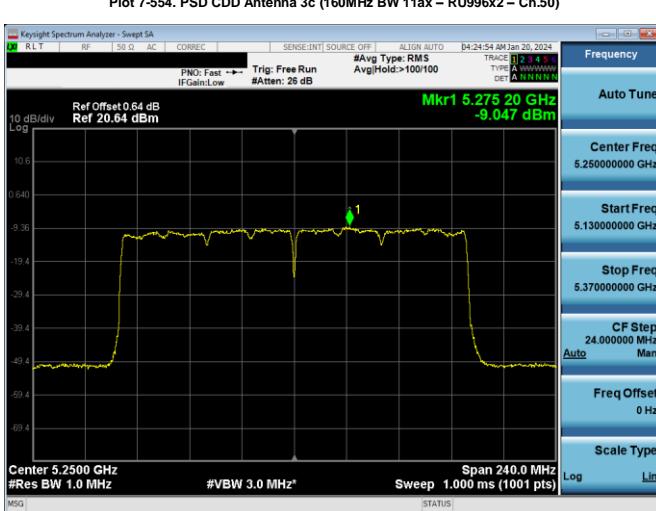
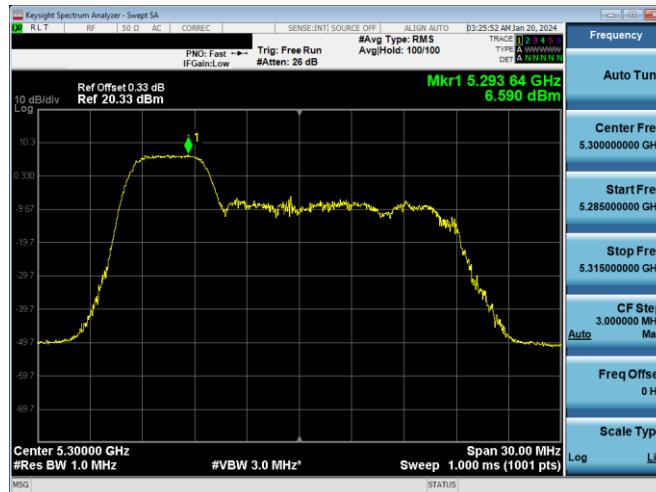
V 10.6 9/14/2023

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 216 of 448



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

**MEASUREMENT REPORT
(CERTIFICATION)**

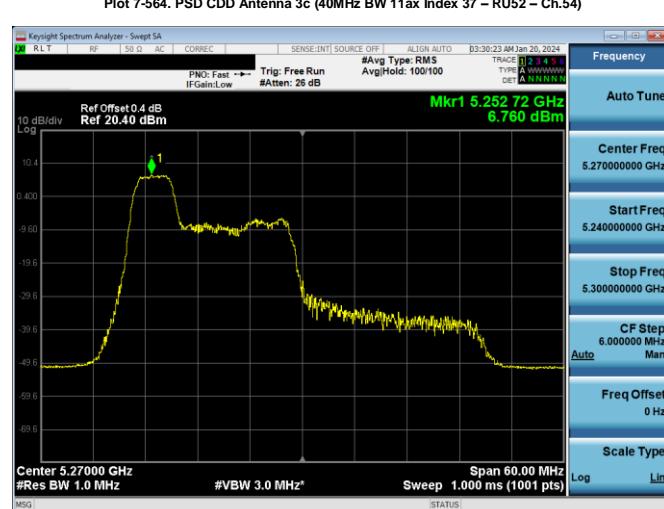
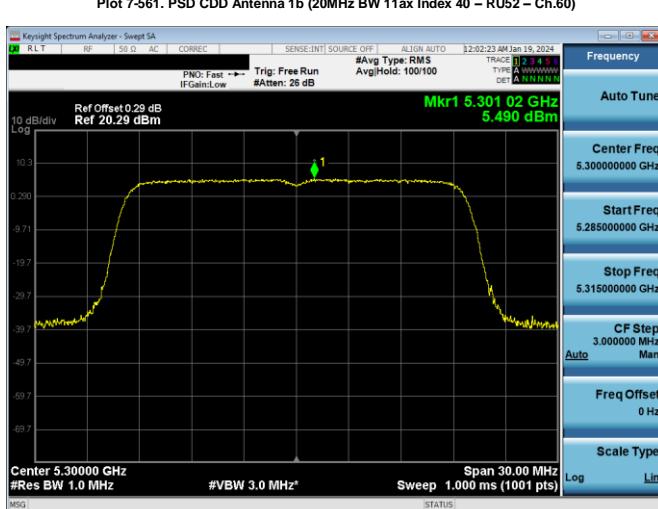
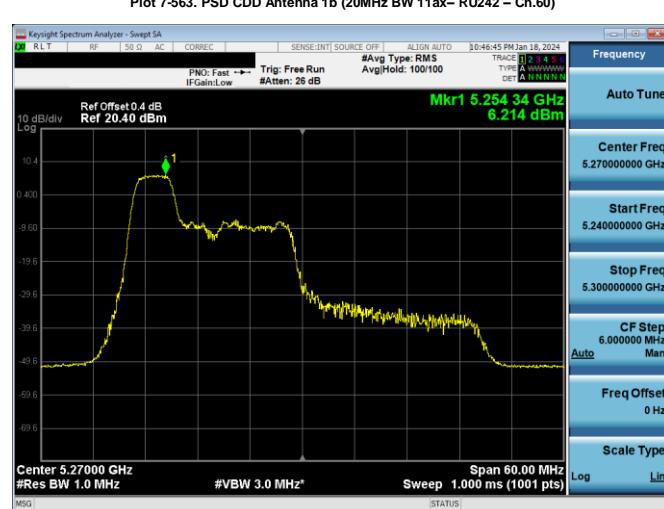
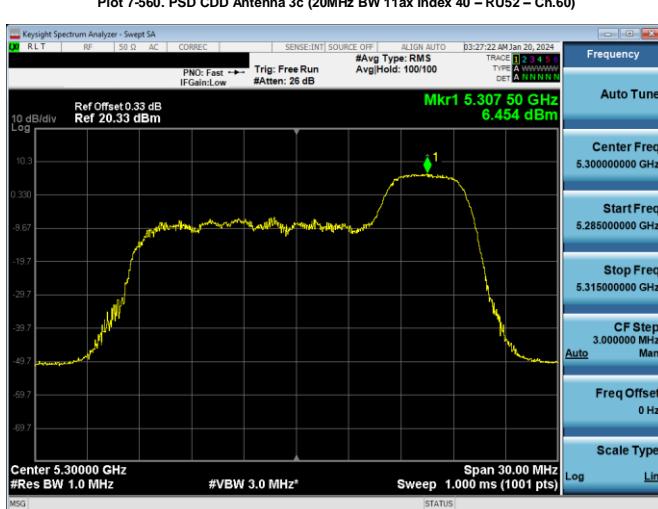
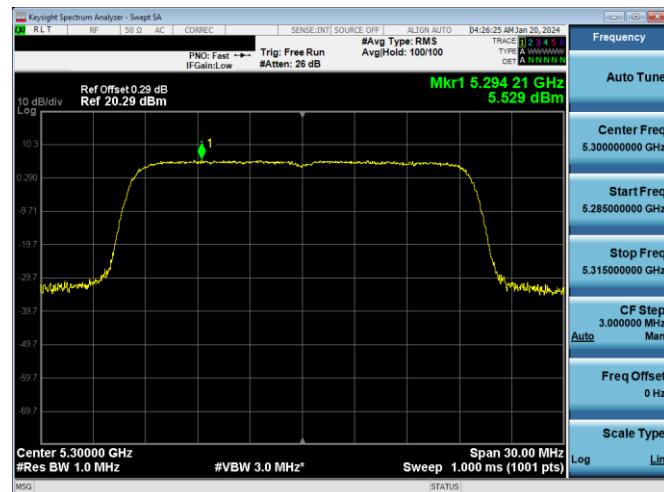
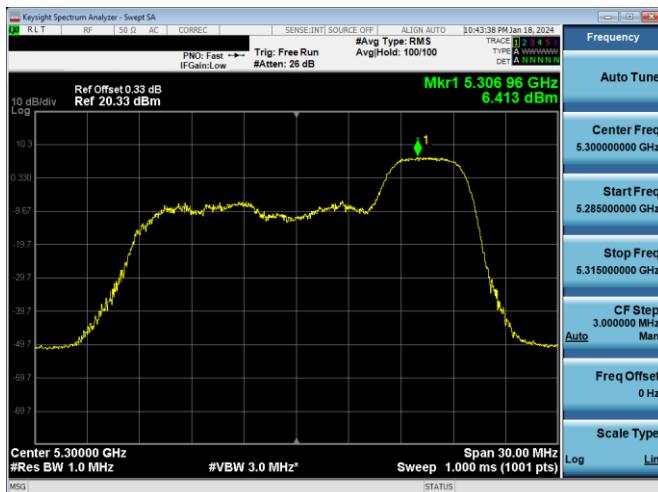
Approved by:
Technical Manager

Test Dates: 11/28/2023 - 3/05/2024 | EUT Type: Tablet Device

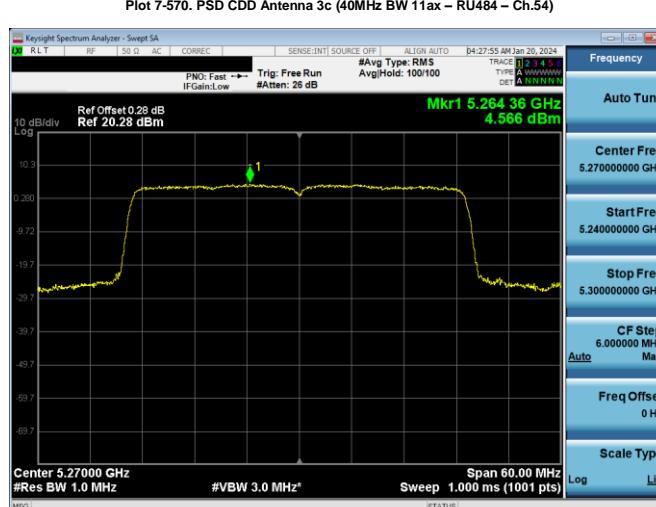
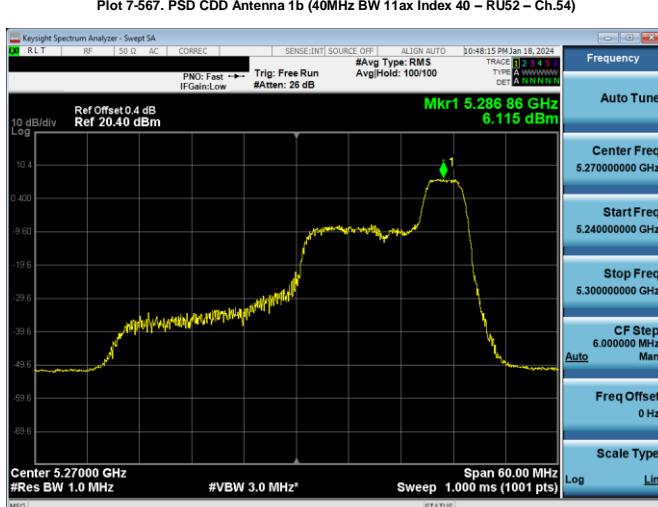
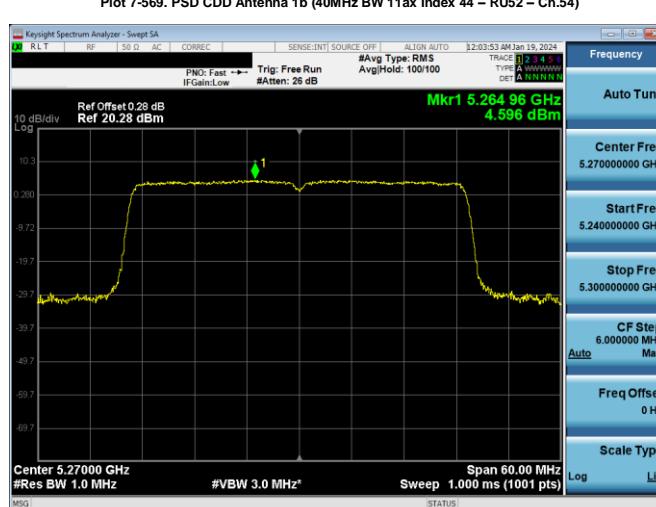
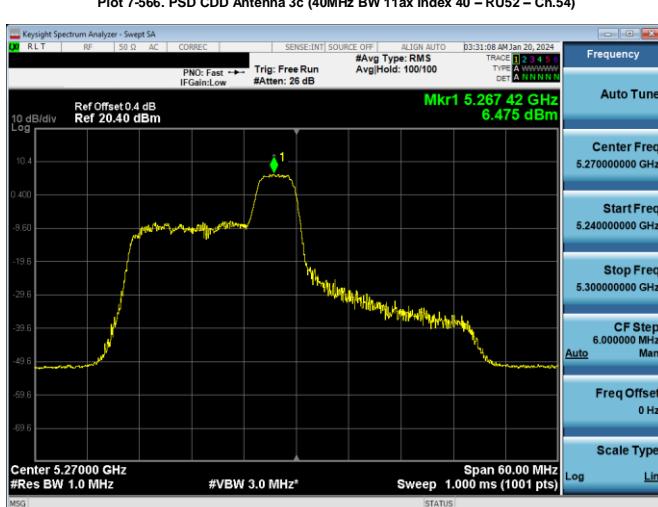
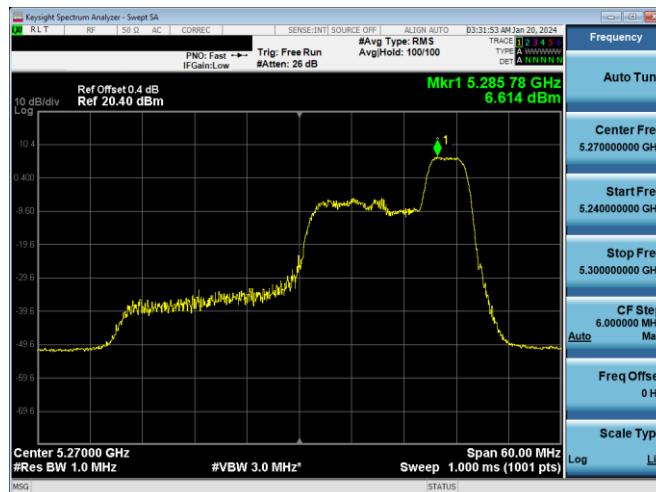
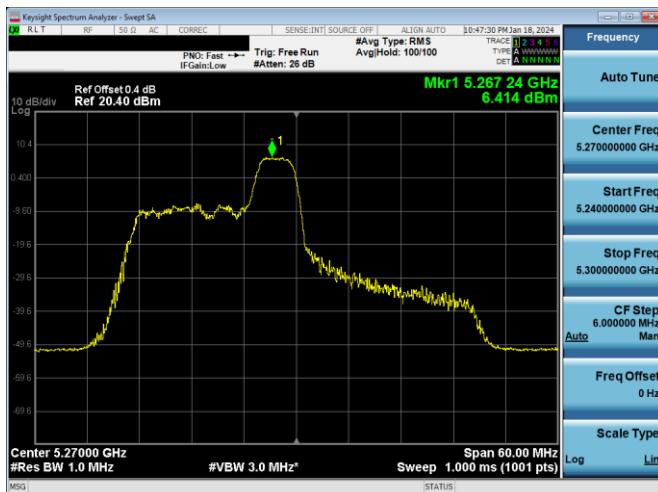
Page 217 of 448

V 10.6 9/14/2023

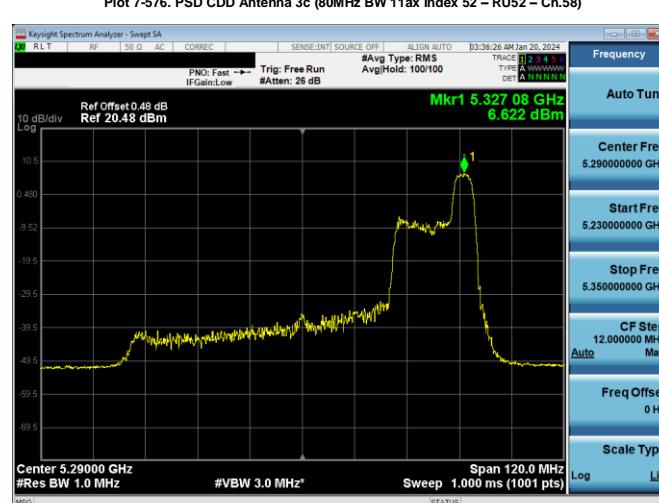
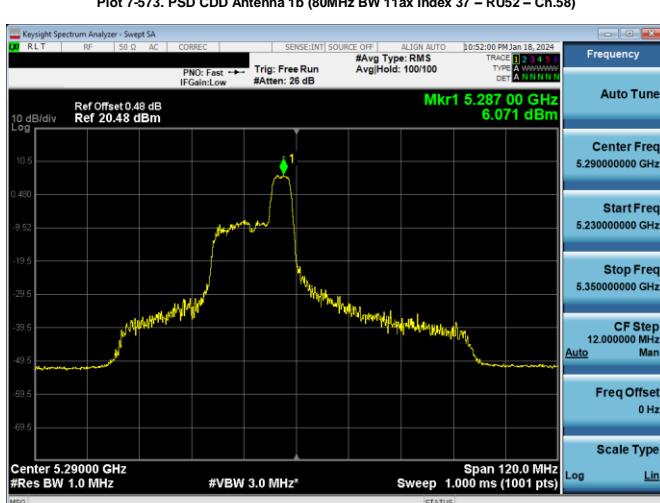
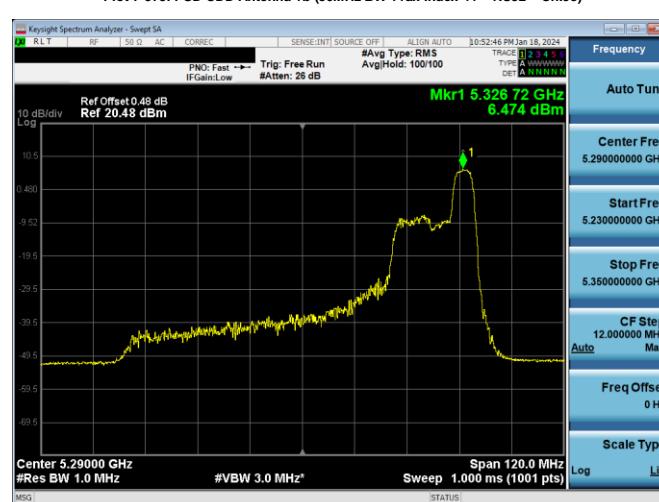
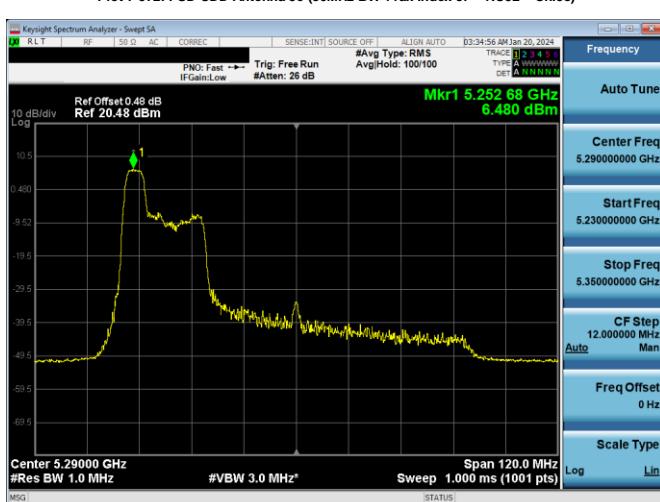
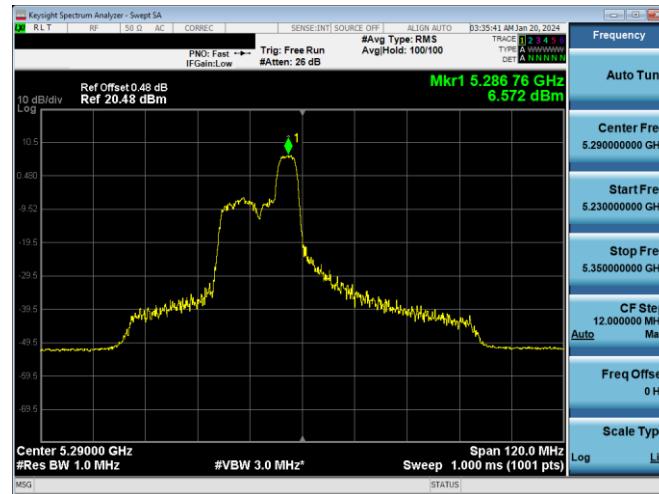
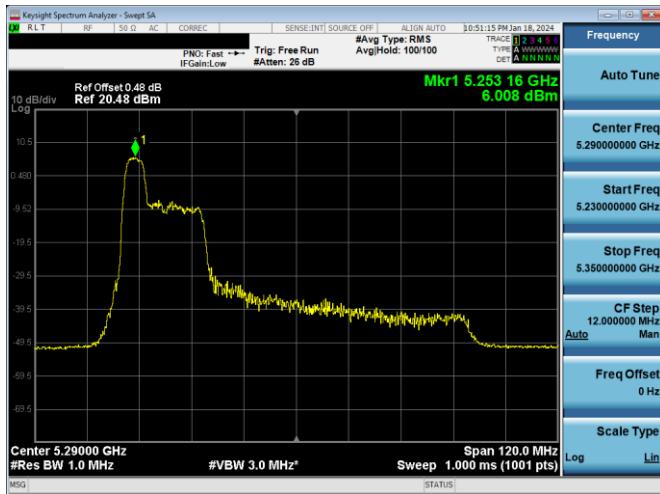
Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry 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 218 of 448



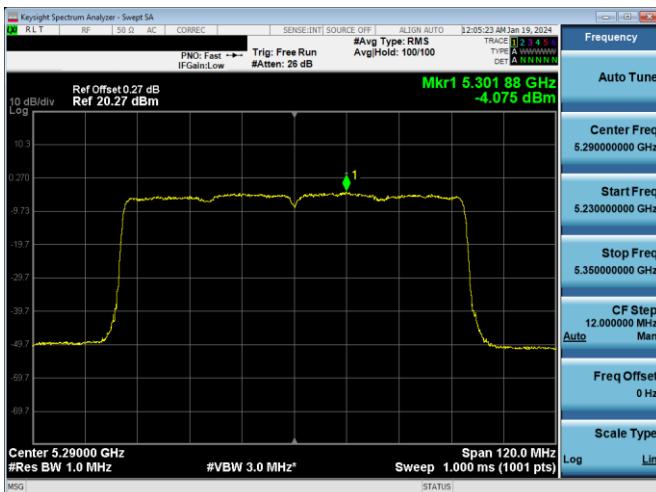
FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-25-R1.BCG	Test Dates: 11/28/2023 - 3/05/2024	EUT Type: Tablet Device	Page 219 of 448



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 220 of 448



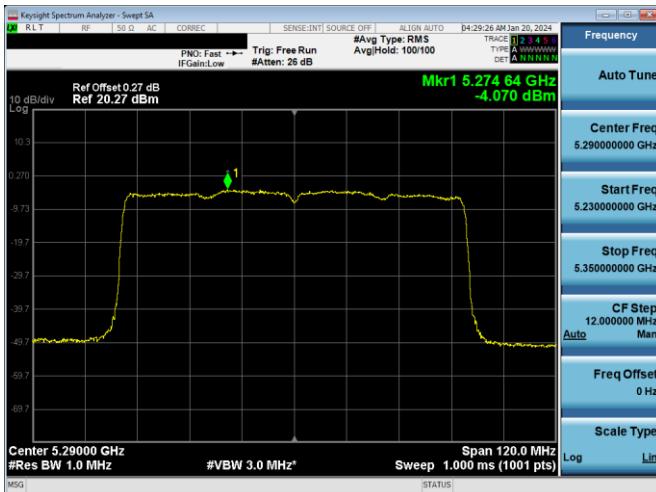
element



Plot 7-578. PSD CDD Antenna 3c (80MHz BW 11ax – RU996 – Ch.58)



Plot 7-581. PSD CDD Antenna 1b (20MHz BW 11ax Index 37 – RU52 – Ch.116)



Plot 7-579. PSD CDD Antenna 1b (80MHz BW 11ax – RU996 – Ch.58)



Plot 7-582. PSD CDD Antenna 3c (20MHz BW 11ax Index 38 – RU52 – Ch.116)

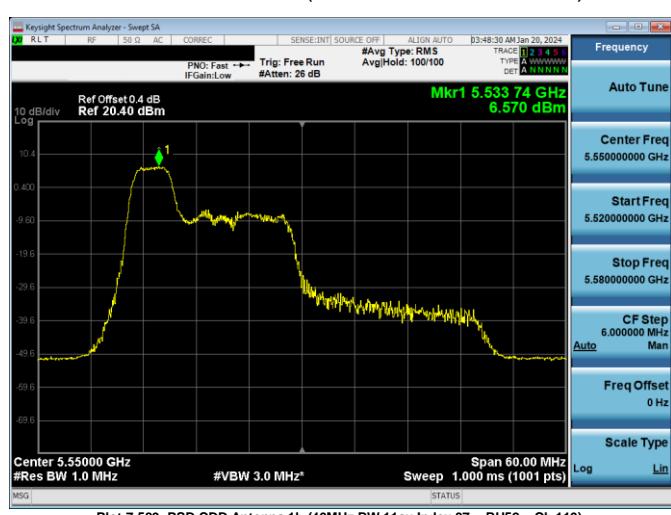
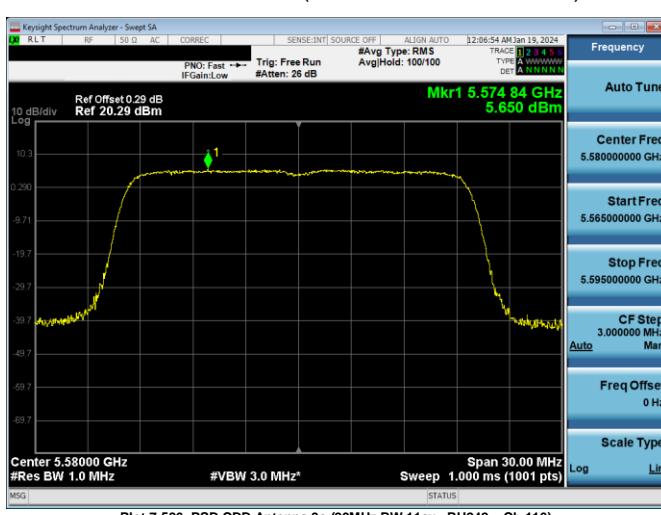
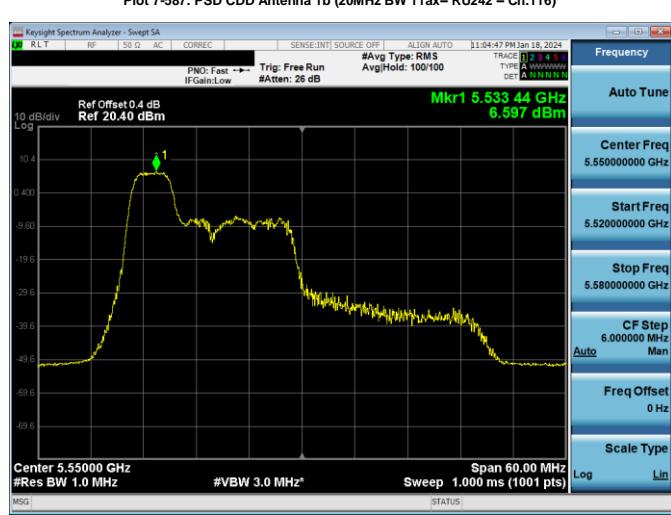
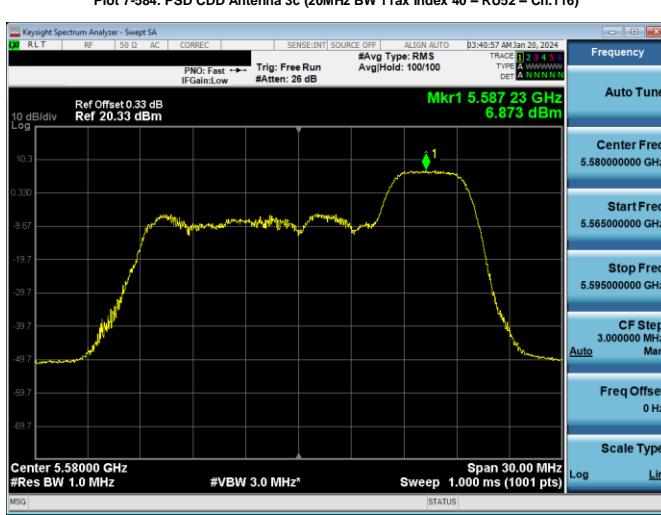
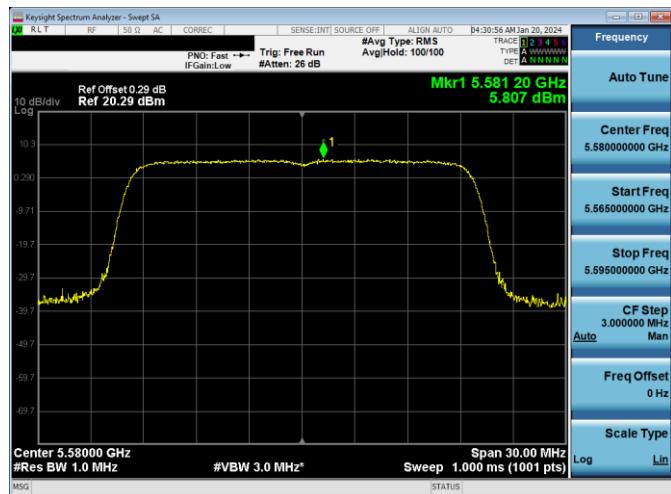
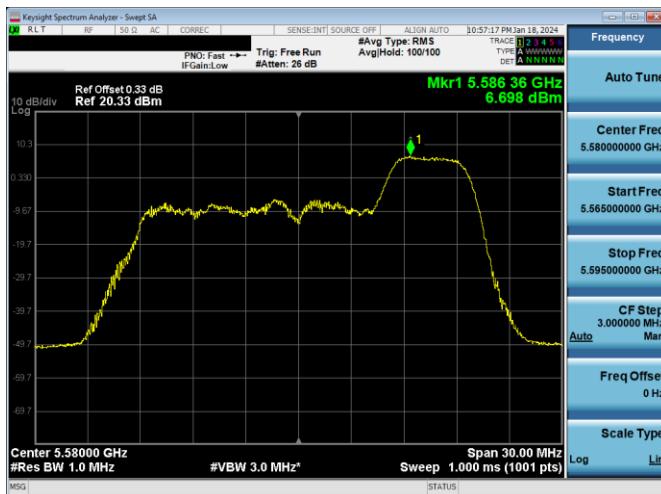


Plot 7-580. PSD CDD Antenna 3c (20MHz BW 11ax Index 37 – RU52 – Ch.116)

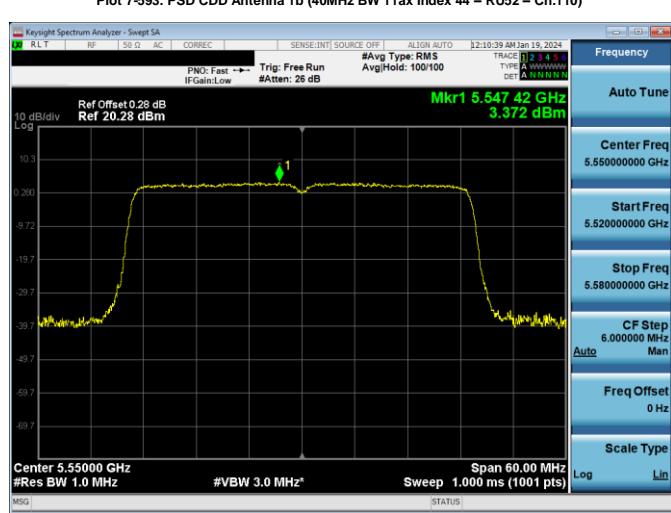
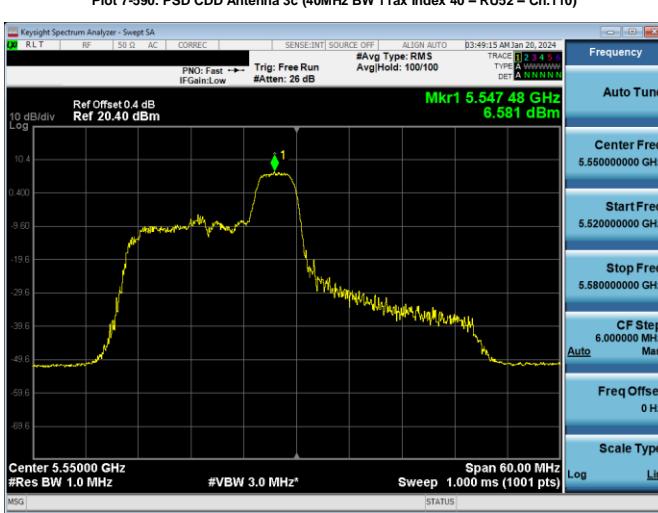
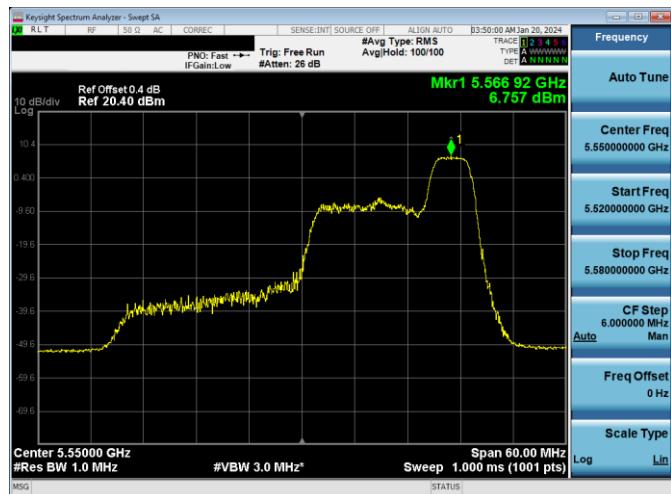
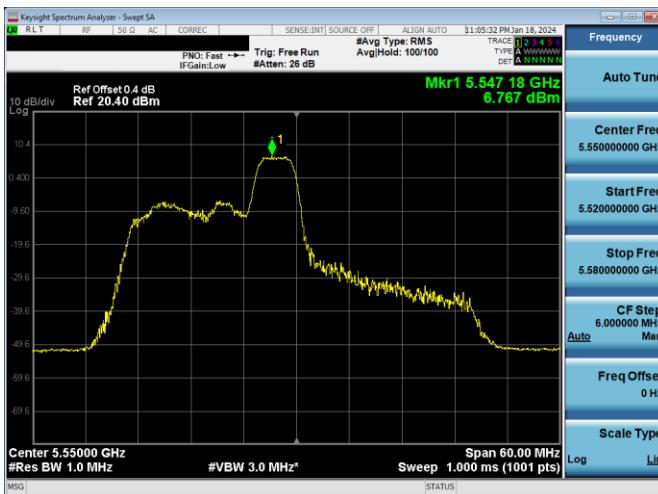


Plot 7-583. PSD CDD Antenna 1b (20MHz BW 11ax Index 38 – RU52 – Ch.116)

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 221 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 222 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 223 of 448