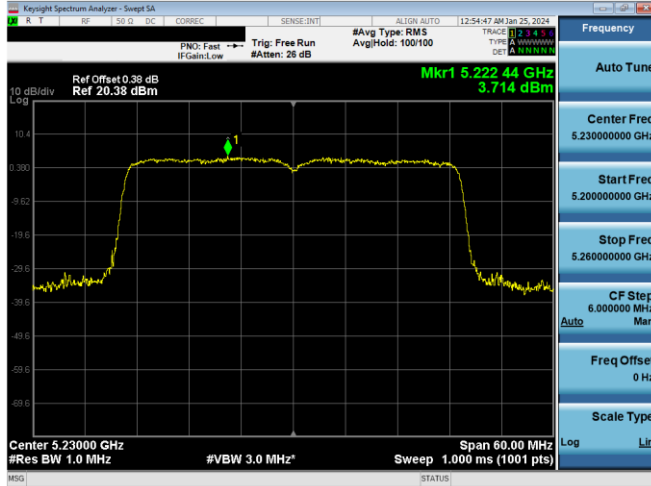
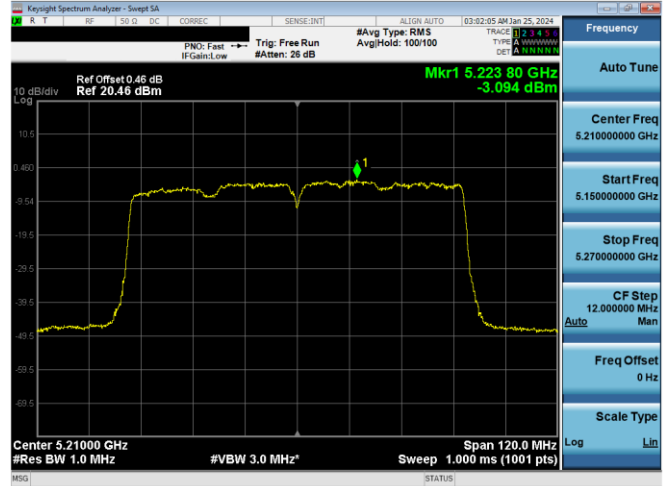
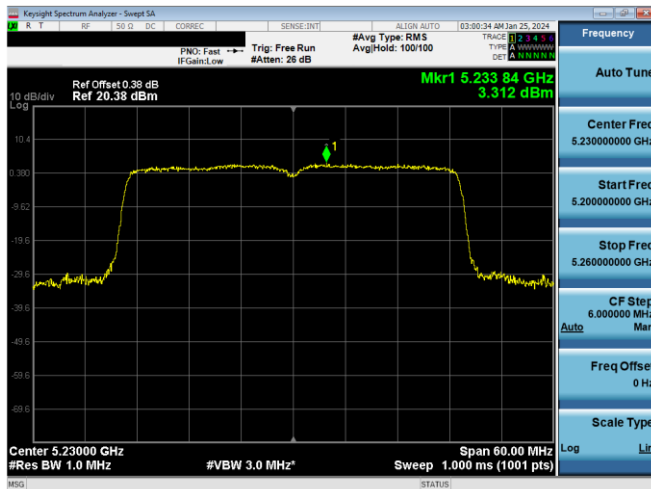




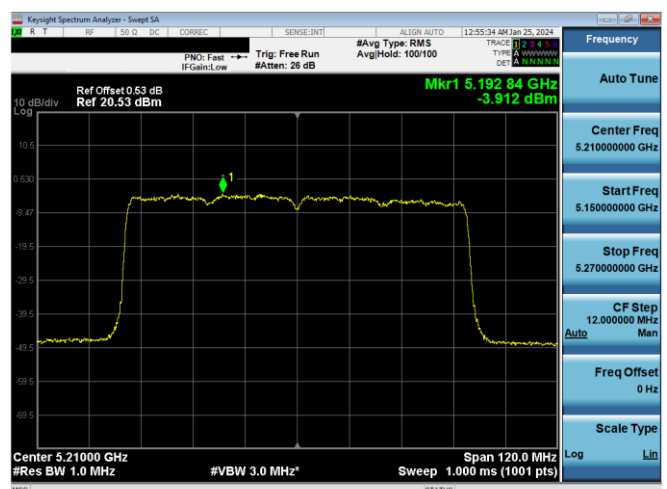
Plot 7-775. ISD PSD SDM Primary Antenna 3c (40MHz BW 11ax(SU) - Ch.46, MCS11)



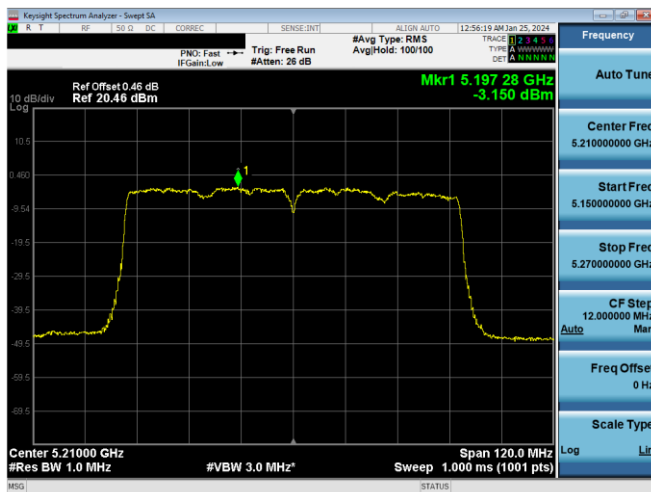
Plot 7-778. ISD PSD CDD Primary Antenna 3a (80MHz BW 11ac - Ch.42, MCS9)



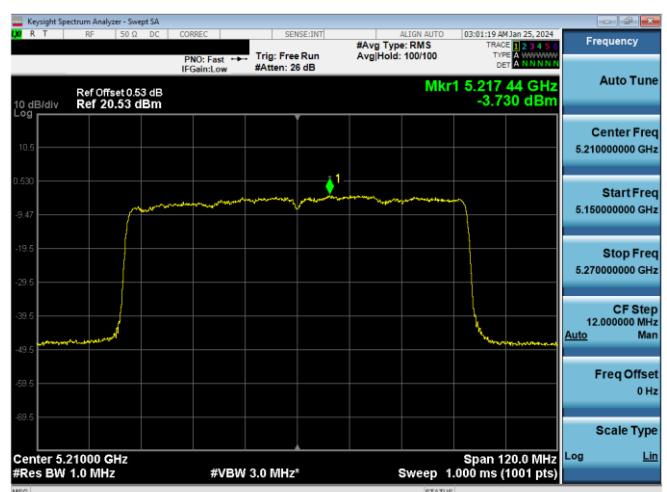
Plot 7-776. ISD PSD SDM Primary PSD Antenna 3a (40MHz BW 11ax(SU) - Ch.46, MCS11)



Plot 7-779. ISD PSD CDD Primary Antenna 3c (80MHz BW 11ax (SU) - Ch.42, MCS11)



Plot 7-777. ISD PSD CDD Primary Antenna 3c (80MHz BW 11ac - Ch.42, MCS9)



Plot 7-780. ISD PSD CDD Primary Antenna 3a (80MHz BW 11ax (SU) - Ch.42, MCS11)

FCC ID: BCGA2903 IC: 579C-A2903	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270064-24.BCG	Test Dates: 11/28/2023 - 01/15/2024	EUT Type: Tablet Device	Page 238 of 597

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.

7.5.5 Summed CDD/SDM Diversity Primary Power Spectral Density Measurements

	Frequency [MHz]	Channel No.	802.11 MODE	Mode	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	n (20MHz)	CDD	39/43.3 (MCS10)	7.61	7.53	10.58	11.00	-0.42
	5200	40	n (20MHz)	CDD	39/43.3 (MCS10)	7.16	7.16	10.17	11.00	-0.83
	5240	48	n (20MHz)	CDD	39/43.3 (MCS10)	7.52	7.40	10.47	11.00	-0.53
	5180	36	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	5.05	5.07	8.07	11.00	-2.93
	5200	40	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	5.53	5.68	8.62	11.00	-2.38
	5240	48	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	5.85	5.77	8.82	11.00	-2.18
	5190	38	n (40MHz)	CDD	81/60 (MCS10)	2.61	2.80	5.71	11.00	-5.29
	5230	46	n (40MHz)	CDD	81/60 (MCS10)	6.59	6.53	9.57	11.00	-1.43
	5190	38	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	0.26	0.59	3.43	11.00	-7.57
	5230	46	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	5.59	5.64	8.62	11.00	-2.38
	5210	42	ac (80MHz)	CDD	175.5/195 (MCS2)	-1.02	-0.76	2.13	11.00	-8.87
	5210	42	ax (SU) (80MHz)	CDD	204/216.2 (MCS2)	-2.87	-2.64	0.26	11.00	-10.74
Band 1/2	5250	50	ac (160MHz)	CDD	175.5/195 (MCS2)	-6.51	-5.13	-2.76	11.00	-13.76
	5250	50	ax (SU) (160MHz)	CDD	204/216.2 (MCS2)	-6.06	-6.66	-3.34	11.00	-14.34
Band 2A	5260	52	n (20MHz)	CDD	39/43.3 (MCS10)	6.94	7.27	10.12	11.00	-0.88
	5300	60	n (20MHz)	CDD	39/43.3 (MCS10)	7.02	7.20	10.12	11.00	-0.88
	5320	64	n (20MHz)	CDD	39/43.3 (MCS10)	6.69	6.93	9.82	11.00	-1.18
	5260	52	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	5.61	5.72	8.67	11.00	-2.33
	5300	60	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	5.30	5.40	8.36	11.00	-2.64
	5320	64	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	5.25	5.11	8.19	11.00	-2.81
	5270	54	n (40MHz)	CDD	81/60 (MCS10)	6.58	6.66	9.63	11.00	-1.37
	5310	62	n (40MHz)	CDD	81/60 (MCS10)	2.74	3.13	5.95	11.00	-5.05
	5270	54	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	5.27	5.40	8.35	11.00	-2.65
	5310	62	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	0.24	0.70	3.49	11.00	-7.51
	5290	58	ac (80MHz)	CDD	175.5/195 (MCS2)	-1.52	-1.41	1.55	11.00	-9.45
	5290	58	ax (SU) (80MHz)	CDD	204/216.2 (MCS2)	-2.69	-3.15	0.09	11.00	-10.91
Band 2C	5500	100	n (20MHz)	CDD	39/43.3 (MCS10)	6.77	7.11	9.95	11.00	-1.05
	5580	116	n (20MHz)	CDD	39/43.3 (MCS10)	7.36	7.63	10.51	11.00	-0.49
	*5600	120	n (20MHz)	CDD	39/43.3 (MCS10)	7.38	7.44	10.42	11.00	-0.58
	5700	140	n (20MHz)	CDD	39/43.3 (MCS10)	6.61	6.51	9.57	11.00	-1.43
	5720	144	n (20MHz)	CDD	39/43.3 (MCS10)	7.29	7.35	10.33	11.00	-0.67
	5500	100	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	4.94	4.98	7.97	11.00	-3.03
	5580	116	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	5.89	5.86	8.88	11.00	-2.12
	*5600	120	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	5.84	5.89	8.88	11.00	-2.12
	5700	140	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	3.17	3.72	6.46	11.00	-4.54
	5720	144	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	5.51	5.35	8.44	11.00	-2.56
	5510	102	n (40MHz)	CDD	81/60 (MCS10)	3.03	2.99	6.02	11.00	-4.98
	5550	110	n (40MHz)	CDD	81/60 (MCS10)	5.88	5.77	8.83	11.00	-2.17
	*5590	118	n (40MHz)	CDD	81/60 (MCS10)	6.58	6.50	9.55	11.00	-1.45
	5670	134	n (40MHz)	CDD	81/60 (MCS10)	4.37	4.51	7.45	11.00	-3.55
	5710	142	n (40MHz)	CDD	81/60 (MCS10)	6.47	6.66	9.57	11.00	-1.43
	5510	102	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	1.07	1.34	4.22	11.00	-6.78
	5550	110	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	4.08	3.86	6.98	11.00	-4.02
	*5590	118	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	5.23	5.22	8.24	11.00	-2.76
	5670	134	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	3.24	3.21	6.23	11.00	-4.77
	5710	142	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	4.96	5.47	8.23	11.00	-2.77
	5530	106	ac (80MHz)	CDD	175.5/195 (MCS2)	-0.92	-0.53	2.29	11.00	-8.71
	*5610	122	ac (80MHz)	CDD	175.5/195 (MCS2)	3.15	3.15	6.16	11.00	-4.84
	5690	138	ac (80MHz)	CDD	175.5/195 (MCS2)	3.39	3.53	6.47	11.00	-4.53
	5530	106	ax (SU) (80MHz)	CDD	204/216.2 (MCS2)	-2.94	-2.80	0.14	11.00	-10.86
	*5610	122	ax (SU) (80MHz)	CDD	204/216.2 (MCS2)	0.91	1.31	4.12	11.00	-6.88
	5690	138	ax (SU) (80MHz)	CDD	204/216.2 (MCS2)	2.31	2.27	5.30	11.00	-5.70
	*5570	114	ac (160MHz)	CDD	175.5/195 (MCS2)	-5.47	-5.41	-2.43	11.00	-13.43
	*5570	114	ax (SU) (160MHz)	CDD	204/216.2 (MCS2)	-7.09	-7.29	-4.18	11.00	-15.18

Table 7-236. Bands 1, 2A, 2C CDD DIVERSITY Power Spectral Density Measurements (Low Data Rate)

*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: 1C2311270064-24.BCG	Test Dates: 11/28/2023 - 01/15/2024	EUT Type: Tablet Device	Page 239 of 597

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	Mode	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	n (20MHz)	CDD	78/86.7 (MCS12)	7.01	6.89	9.96	11.00	-1.04
	5200	40	n (20MHz)	CDD	78/86.7 (MCS12)	7.46	7.07	10.28	11.00	-0.72
	5240	48	n (20MHz)	CDD	78/86.7 (MCS12)	7.32	7.34	10.34	11.00	-0.66
	5180	36	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	4.51	4.72	7.62	11.00	-3.38
	5200	40	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	5.65	5.74	8.70	11.00	-2.30
	5240	48	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	5.74	5.75	8.76	11.00	-2.24
	5190	38	n (40MHz)	CDD	162/180 (MCS12)	1.95	2.70	5.35	11.00	-5.65
	5230	46	n (40MHz)	CDD	162/180 (MCS12)	6.80	7.01	9.91	11.00	-1.09
	5190	38	ax (SU) (40MHz)	CDD	196/206.5 (MCS4)	-0.36	0.33	3.01	11.00	-7.99
	5230	46	ax (SU) (40MHz)	CDD	196/206.5 (MCS4)	4.98	5.28	8.14	11.00	-2.86
Band 1/2	5210	42	ac (80MHz)	CDD	351/390 (MCS4)	-1.45	-1.02	1.78	11.00	-9.22
	5210	42	ax (SU) (80MHz)	CDD	408/432.4 (MCS4)	-3.26	-2.58	0.10	11.00	-10.90
Band 2A	5250	50	ac (160MHz)	CDD	351/390 (MCS4)	-6.96	-6.25	-3.58	11.00	-14.58
	5250	50	ax (SU) (160MHz)	CDD	408/432.4 (MCS4)	-6.64	-7.35	-3.97	11.00	-14.97
	5260	52	n (20MHz)	CDD	78/86.7 (MCS12)	6.89	7.36	10.14	11.00	-0.86
	5300	60	n (20MHz)	CDD	78/86.7 (MCS12)	7.36	6.86	10.13	11.00	-0.87
	5320	64	n (20MHz)	CDD	78/86.7 (MCS12)	6.60	6.80	9.71	11.00	-1.29
	5260	52	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	5.78	5.58	8.69	11.00	-2.31
	5300	60	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	5.57	5.62	8.60	11.00	-2.40
	5320	64	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	4.94	4.78	7.87	11.00	-3.13
	5270	54	n (40MHz)	CDD	162/180 (MCS12)	6.62	6.66	9.65	11.00	-1.35
	5310	62	n (40MHz)	CDD	162/180 (MCS12)	1.64	2.07	4.87	11.00	-6.13
	5270	54	ax (SU) (40MHz)	CDD	196/206.5 (MCS4)	5.39	5.19	8.30	11.00	-2.70
	5310	62	ax (SU) (40MHz)	CDD	196/206.5 (MCS4)	0.20	0.56	3.39	11.00	-7.61
	5290	58	ac (80MHz)	CDD	351/390 (MCS4)	-1.55	-1.98	1.25	11.00	-9.75
	5290	58	ax (SU) (80MHz)	CDD	408/432.4 (MCS4)	-2.97	-3.34	-0.14	11.00	-11.14
Band 2C	5500	100	n (20MHz)	CDD	78/86.7 (MCS12)	6.19	5.88	9.05	11.00	-1.95
	5580	116	n (20MHz)	CDD	78/86.7 (MCS12)	7.63	7.61	10.63	11.00	-0.37
	*5600	120	n (20MHz)	CDD	78/86.7 (MCS12)	7.35	7.47	10.42	11.00	-0.58
	5700	140	n (20MHz)	CDD	78/86.7 (MCS12)	5.49	5.75	8.64	11.00	-2.36
	5720	144	n (20MHz)	CDD	78/86.7 (MCS12)	7.37	7.31	10.35	11.00	-0.65
	5500	100	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	4.24	4.59	7.43	11.00	-3.57
	5580	116	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	5.82	5.68	8.76	11.00	-2.24
	*5600	120	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	6.05	5.87	8.97	11.00	-2.03
	5700	140	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	2.96	3.11	6.04	11.00	-4.96
	5720	144	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	5.67	5.66	8.67	11.00	-2.33
	5510	102	n (40MHz)	CDD	162/180 (MCS12)	2.23	2.45	5.35	11.00	-5.65
	5550	110	n (40MHz)	CDD	162/180 (MCS12)	5.96	5.61	8.80	11.00	-2.20
	*5590	118	n (40MHz)	CDD	162/180 (MCS12)	6.89	7.02	9.96	11.00	-1.04
	5670	134	n (40MHz)	CDD	162/180 (MCS12)	3.82	3.79	6.81	11.00	-4.19
	5710	142	n (40MHz)	CDD	162/180 (MCS12)	6.35	6.72	9.55	11.00	-1.45
	5510	102	ax (SU) (40MHz)	CDD	196/206.5 (MCS4)	-0.44	-0.32	2.63	11.00	-8.37
	5550	110	ax (SU) (40MHz)	CDD	196/206.5 (MCS4)	3.26	3.34	6.31	11.00	-4.69
	*5590	118	ax (SU) (40MHz)	CDD	196/206.5 (MCS4)	5.48	5.48	8.49	11.00	-2.51
	5670	134	ax (SU) (40MHz)	CDD	196/206.5 (MCS4)	2.39	2.31	5.36	11.00	-5.64
	5710	142	ax (SU) (40MHz)	CDD	196/206.5 (MCS4)	5.10	4.94	8.03	11.00	-2.97
	5530	106	ac (80MHz)	CDD	351/390 (MCS4)	-1.38	-1.16	1.74	11.00	-9.26
	*5610	122	ac (80MHz)	CDD	351/390 (MCS4)	1.57	1.96	4.78	11.00	-6.22
	5690	138	ac (80MHz)	CDD	351/390 (MCS4)	3.64	3.55	6.60	11.00	-4.40
	5530	106	ax (SU) (80MHz)	CDD	408/432.4 (MCS4)	-3.23	-3.02	-0.11	11.00	-11.11
	*5610	122	ax (SU) (80MHz)	CDD	408/432.4 (MCS4)	0.38	0.47	3.44	11.00	-7.56
	5690	138	ax (SU) (80MHz)	CDD	408/432.4 (MCS4)	2.45	2.55	5.51	11.00	-5.49
	*5570	114	ac (160MHz)	CDD	351/390 (MCS4)	-5.91	-6.33	-3.10	11.00	-14.10
	*5570	114	ax (SU) (160MHz)	CDD	408/432.4 (MCS4)	-7.04	-7.55	-4.28	11.00	-15.28

Table 7-237. Bands 1, 2A, 2C CDD DIVERSITY Power Spectral Density Measurements (Mid Data Rate)

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

FCC ID: BCGA2903 IC: 579C-A2903	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270064-24.BCG	Test Dates: 11/28/2023 - 01/15/2024	EUT Type: Tablet Device	Page 240 of 597

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	Mode	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	n (20MHz)	CDD	130/144.4 (MCS15)	5.18	4.90	8.06	11.00	-2.94
	5200	40	n (20MHz)	CDD	130/144.4 (MCS15)	6.22	6.27	9.26	11.00	-1.74
	5240	48	n (20MHz)	CDD	130/144.4 (MCS15)	6.11	6.28	9.21	11.00	-1.79
	5180	36	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	4.70	5.27	8.00	11.00	-3.00
	5200	40	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	5.74	5.78	8.77	11.00	-2.23
	5240	48	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	5.93	6.29	9.12	11.00	-1.88
	5190	38	n (40MHz)	CDD	270/300 (MCS15)	0.20	0.50	3.36	11.00	-7.64
	5230	46	n (40MHz)	CDD	270/300 (MCS15)	5.66	5.92	8.80	11.00	-2.20
	5190	38	ax (SU) (40MHz)	CDD	271/286.8 (MCS11)	0.28	0.69	3.50	11.00	-7.50
	5230	46	ax (SU) (40MHz)	CDD	271/286.8 (MCS11)	4.98	4.89	7.95	11.00	-3.05
Band 1/2	5210	42	ac (80MHz)	CDD	780/866.7 (MCS9)	-2.74	-2.23	0.53	11.00	-10.47
	5210	42	ax (SU) (80MHz)	CDD	1134/1201 (MCS11)	-3.79	-3.30	-0.53	11.00	-11.53
Band 2A	5250	50	ac (160MHz)	CDD	780/866.7 (MCS9)	-7.50	-7.77	-4.62	11.00	-15.62
	5250	50	ax (SU) (160MHz)	CDD	1134/1201 (MCS11)	-7.49	-8.53	-4.97	11.00	-15.97
	5260	52	n (20MHz)	CDD	130/144.4 (MCS15)	6.31	6.19	9.26	11.00	-1.74
	5300	60	n (20MHz)	CDD	130/144.4 (MCS15)	5.59	6.18	8.90	11.00	-2.10
	5320	64	n (20MHz)	CDD	130/144.4 (MCS15)	5.58	5.25	8.43	11.00	-2.57
	5260	52	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	5.55	6.07	8.83	11.00	-2.17
	5300	60	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	5.39	5.76	8.59	11.00	-2.41
	5320	64	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	4.92	4.36	7.66	11.00	-3.34
	5270	54	n (40MHz)	CDD	270/300 (MCS15)	5.56	5.43	8.51	11.00	-2.49
	5310	62	n (40MHz)	CDD	270/300 (MCS15)	-0.21	-0.18	2.82	11.00	-8.18
	5270	54	ax (SU) (40MHz)	CDD	271/286.8 (MCS11)	5.28	5.56	8.43	11.00	-2.57
	5310	62	ax (SU) (40MHz)	CDD	271/286.8 (MCS11)	-0.26	-0.09	2.83	11.00	-8.17
	5290	58	ac (80MHz)	CDD	780/866.7 (MCS9)	-3.64	-3.41	-0.51	11.00	-11.51
	5290	58	ax (SU) (80MHz)	CDD	1134/1201 (MCS11)	-3.77	-3.81	-0.78	11.00	-11.78
Band 2C	5500	100	n (20MHz)	CDD	130/144.4 (MCS15)	3.16	3.30	6.24	11.00	-4.76
	5580	116	n (20MHz)	CDD	130/144.4 (MCS15)	6.34	6.36	9.36	11.00	-1.64
	*5600	120	n (20MHz)	CDD	130/144.4 (MCS15)	6.17	6.26	9.22	11.00	-1.78
	5700	140	n (20MHz)	CDD	130/144.4 (MCS15)	2.70	2.49	5.61	11.00	-5.39
	5720	144	n (20MHz)	CDD	130/144.4 (MCS15)	6.21	5.98	9.11	11.00	-1.89
	5500	100	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	3.16	3.34	6.26	11.00	-4.74
	5580	116	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	6.18	6.31	9.26	11.00	-1.74
	*5600	120	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	5.74	6.29	9.03	11.00	-1.97
	5700	140	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	1.81	1.81	4.82	11.00	-6.18
	5720	144	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	5.87	5.92	8.90	11.00	-2.10
	5510	102	n (40MHz)	CDD	270/300 (MCS15)	-1.17	-1.32	1.77	11.00	-9.23
	5550	110	n (40MHz)	CDD	270/300 (MCS15)	4.18	3.88	7.04	11.00	-3.96
	*5590	118	n (40MHz)	CDD	270/300 (MCS15)	5.90	5.26	8.60	11.00	-2.40
	5670	134	n (40MHz)	CDD	270/300 (MCS15)	0.53	0.68	3.62	11.00	-7.38
	5710	142	n (40MHz)	CDD	270/300 (MCS15)	5.31	5.56	8.45	11.00	-2.55
	5510	102	ax (SU) (40MHz)	CDD	271/286.8 (MCS11)	-1.71	-1.75	1.28	11.00	-9.72
	5550	110	ax (SU) (40MHz)	CDD	271/286.8 (MCS11)	3.24	3.06	6.16	11.00	-4.84
	*5590	118	ax (SU) (40MHz)	CDD	271/286.8 (MCS11)	5.48	5.34	8.42	11.00	-2.58
	5670	134	ax (SU) (40MHz)	CDD	271/286.8 (MCS11)	0.10	0.25	3.19	11.00	-7.81
	5710	142	ax (SU) (40MHz)	CDD	271/286.8 (MCS11)	5.58	5.37	8.49	11.00	-2.51
	5530	106	ac (80MHz)	CDD	780/866.7 (MCS9)	-3.86	-3.78	-0.81	11.00	-11.81
	*5610	122	ac (80MHz)	CDD	780/866.7 (MCS9)	-0.25	-0.12	2.83	11.00	-8.17
	5690	138	ac (80MHz)	CDD	780/866.7 (MCS9)	3.03	2.73	5.89	11.00	-5.11
	5530	106	ax (SU) (80MHz)	CDD	1134/1201 (MCS11)	-4.25	-4.27	-1.25	11.00	-12.25
	*5610	122	ax (SU) (80MHz)	CDD	1134/1201 (MCS11)	-0.79	-0.66	2.29	11.00	-8.71
	5690	138	ax (SU) (80MHz)	CDD	1134/1201 (MCS11)	2.44	2.51	5.49	11.00	-5.51
	*5570	114	ac (160MHz)	CDD	780/866.7 (MCS9)	-7.92	-7.98	-4.94	11.00	-15.94
	*5570	114	ax (SU) (160MHz)	CDD	1134/1201 (MCS11)	-8.64	-8.53	-5.57	11.00	-16.57

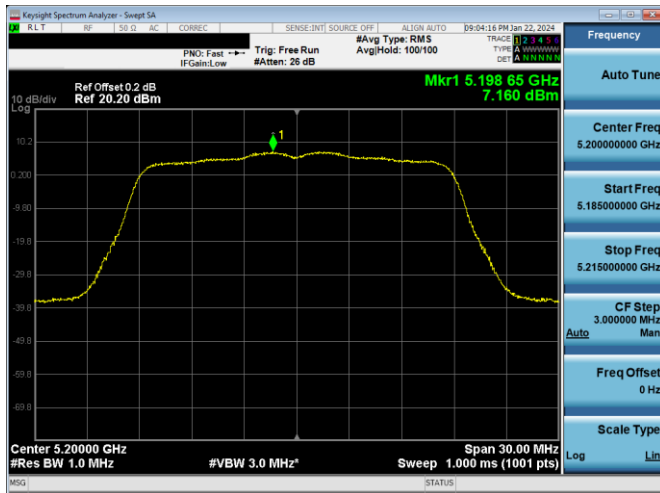
Table 7-238. Bands 1, 2A, 2C CDD DIVERSITY Power Spectral Density Measurements (High Data Rate)

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

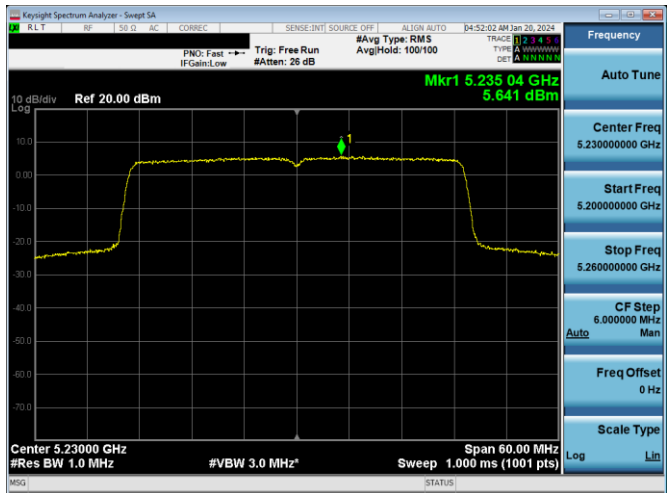
FCC ID: BCGA2903 IC: 579C-A2903	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270064-24.BCG	Test Dates: 11/28/2023 - 01/15/2024	EUT Type: Tablet Device	Page 241 of 597

V 10.6 9/14/2023

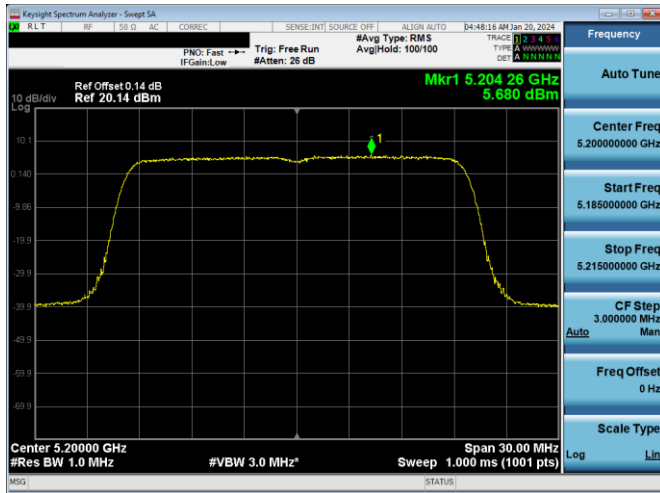
Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry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



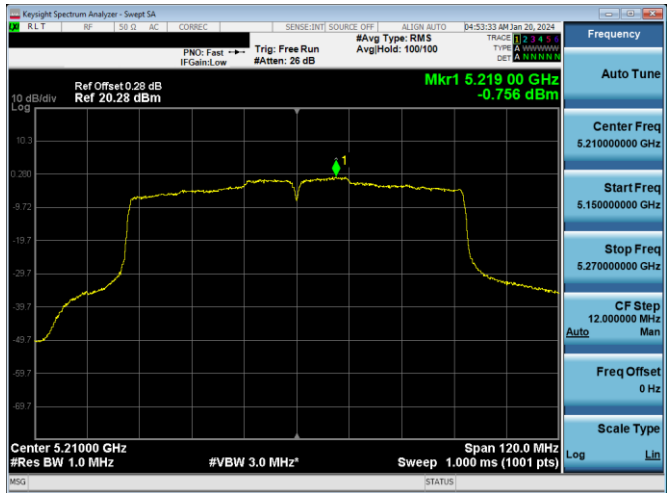
Plot 7-781. PSD CDD DIVERSITY Antenna 1b (20MHz BW 802.11n - Ch. 40, MCS10)



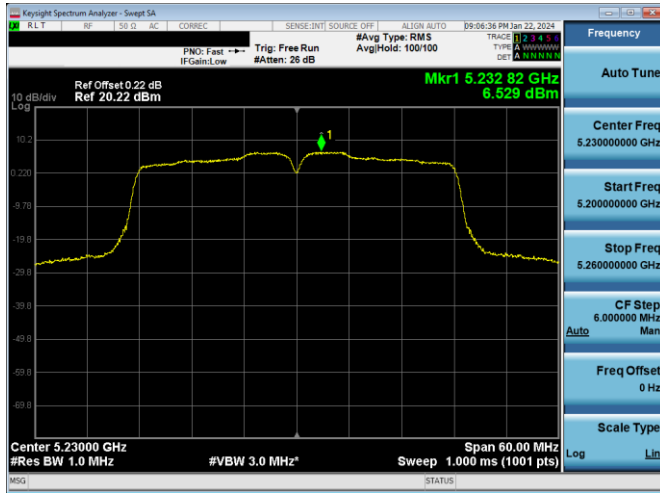
Plot 7-784. PSD CDD DIVERSITY Antenna 1b (40MHz BW 802.11ax(SU) - Ch. 46, MCS2)



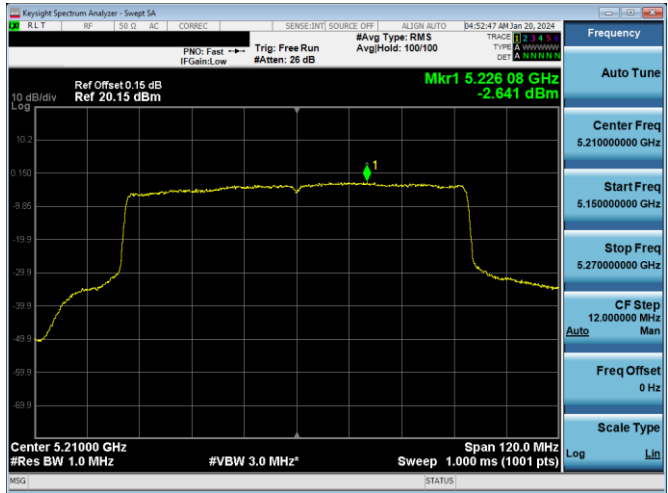
Plot 7-782. PSD CDD DIVERSITY Antenna 1b (20MHz BW 802.11ax(SU) - Ch. 40, MCS2)



Plot 7-785. PSD CDD DIVERSITY Antenna 1b (80MHz BW 802.11ac - Ch. 42, MCS2)



Plot 7-783. PSD CDD DIVERSITY Antenna 1b (40MHz BW 802.11n - Ch. 46, MCS10)

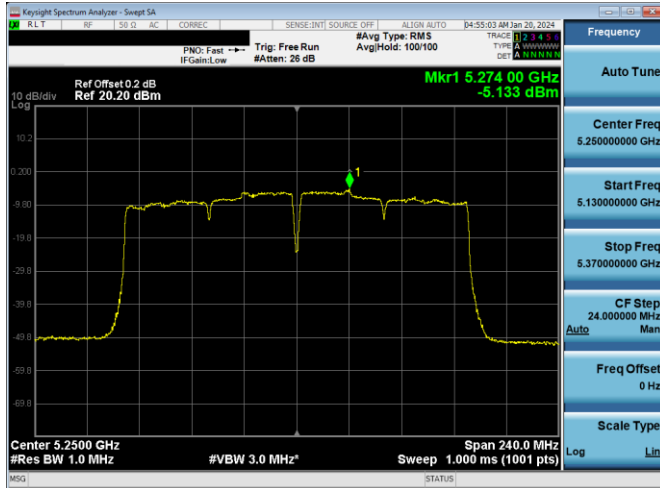


Plot 7-786. PSD CDD DIVERSITY Antenna 1b (80MHz BW 802.11ax(SU) - Ch. 42, MCS2)

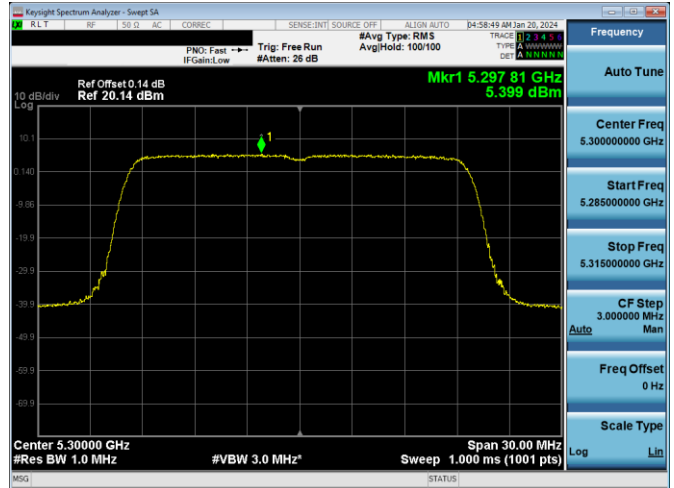
FCC ID: BCGA2903 IC: 579C-A2903	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-24.BCG	Test Dates: 11/28/2023 - 01/15/2024	EUT Type: Tablet Device	Page 242 of 597

V 10.6 9/14/2023

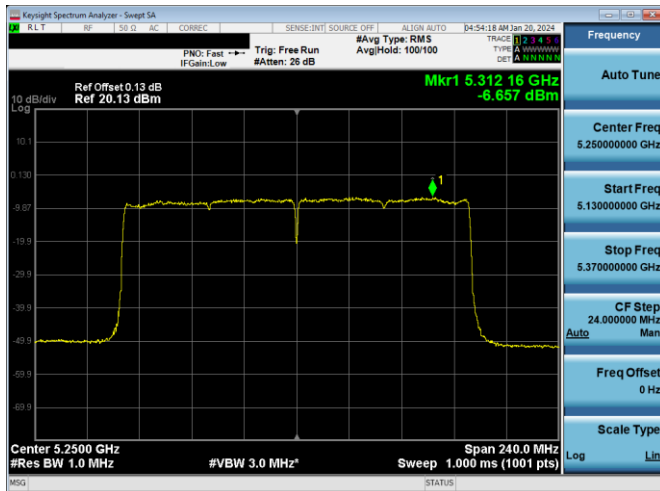
Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry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



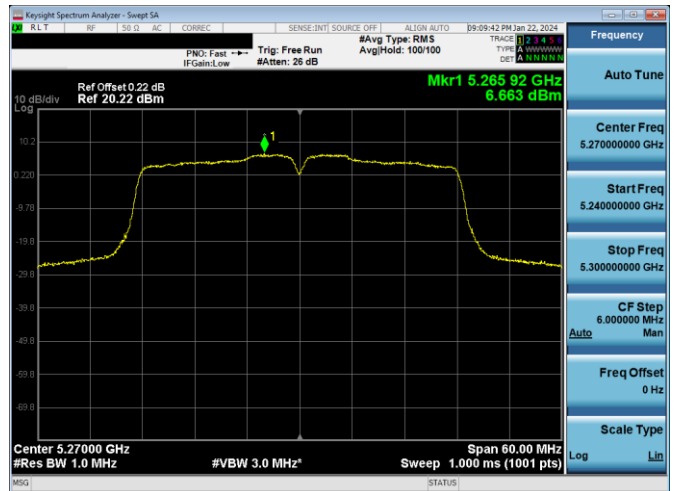
Plot 7-787. PSD CDD DIVERSITY Antenna 1b (160MHz BW 802.11ac – Ch. 50, MCS2)



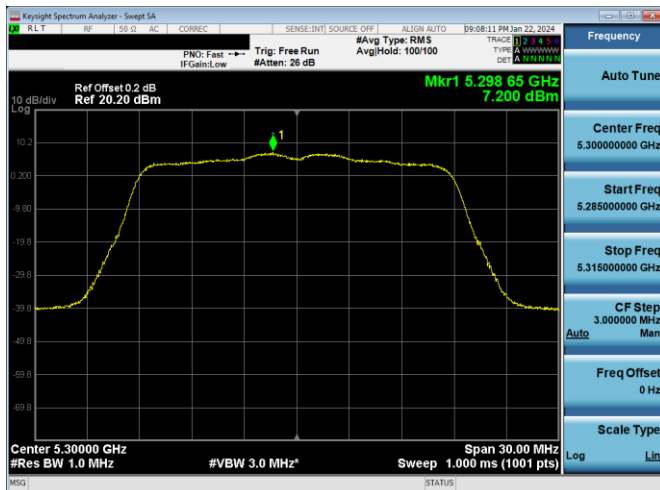
Plot 7-790. PSD CDD DIVERSITY Antenna 1b (20MHz BW 802.11ax(SU) – Ch. 60, MCS2)



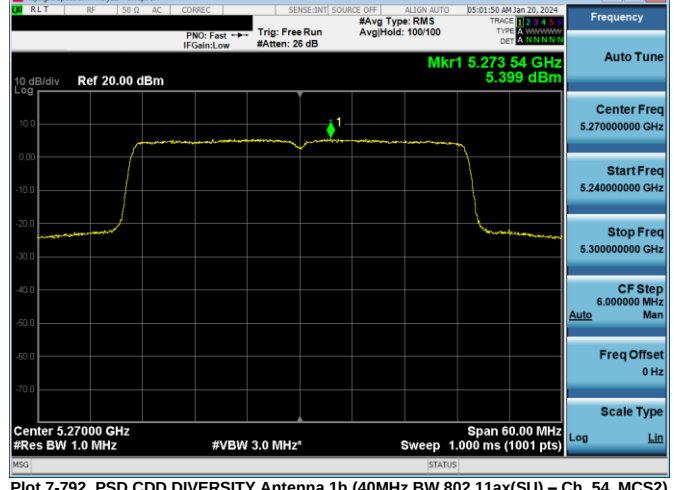
Plot 7-788. PSD CDD DIVERSITY Antenna 1b (160MHz BW 802.11ax(SU) – Ch. 50, MCS2)



Plot 7-791. PSD CDD DIVERSITY Antenna 1b (40MHz BW 802.11n – Ch. 54, MCS10)

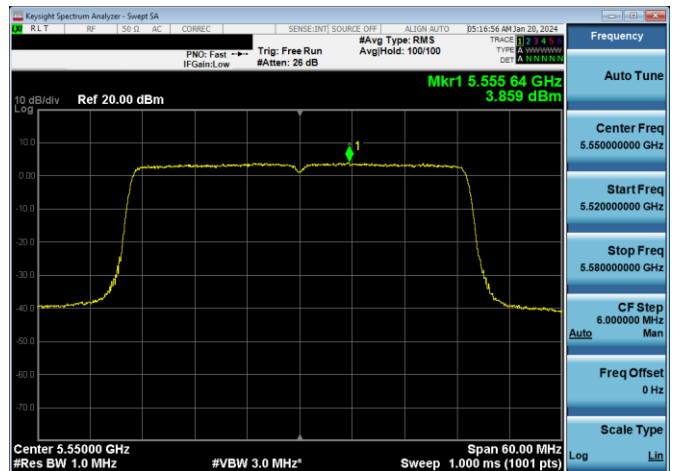
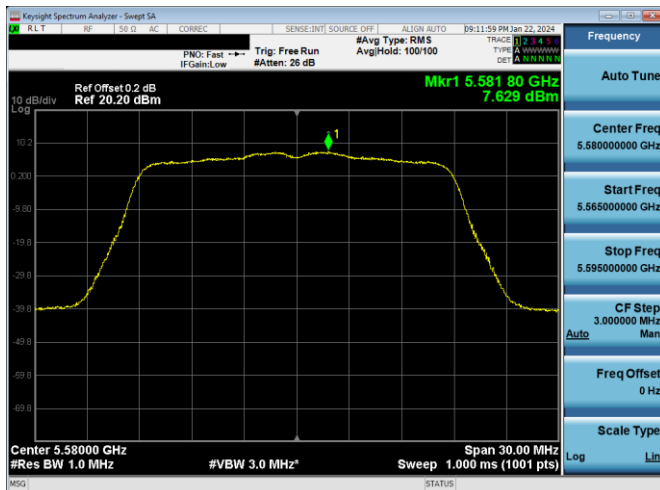
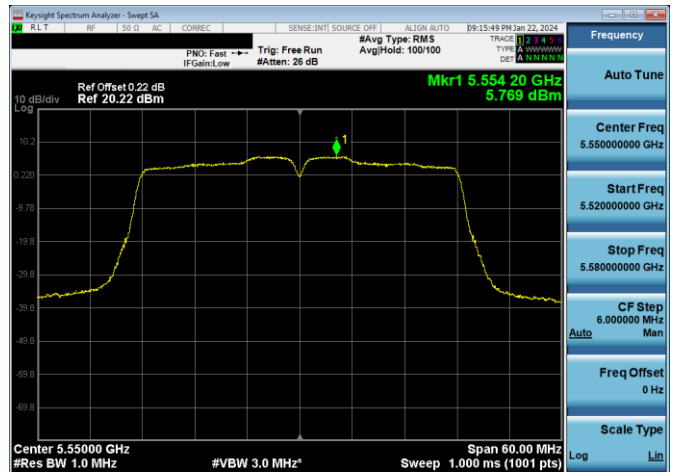
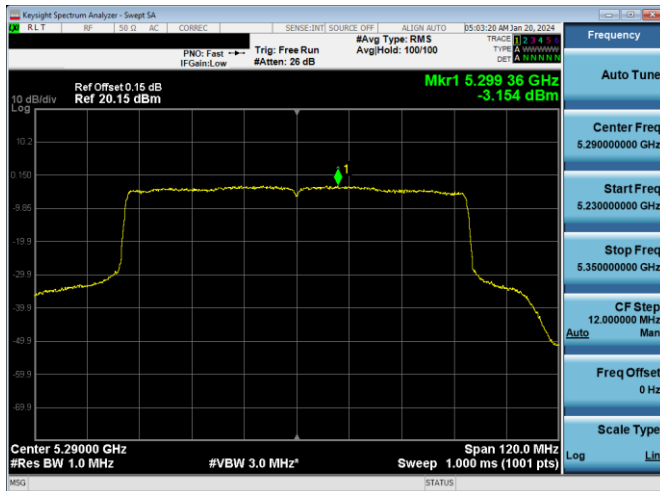
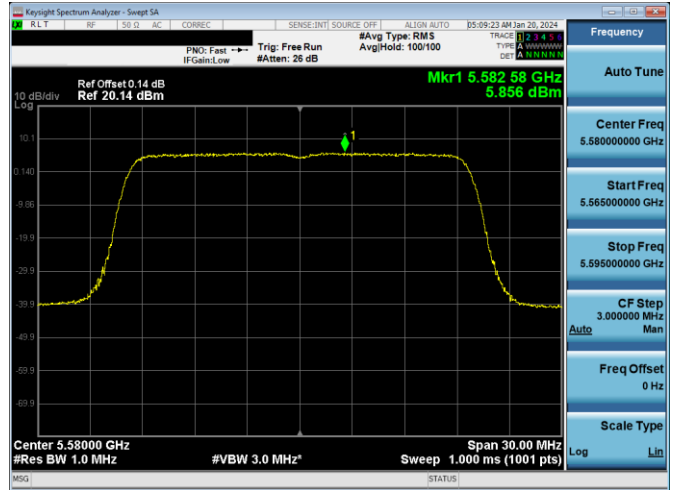
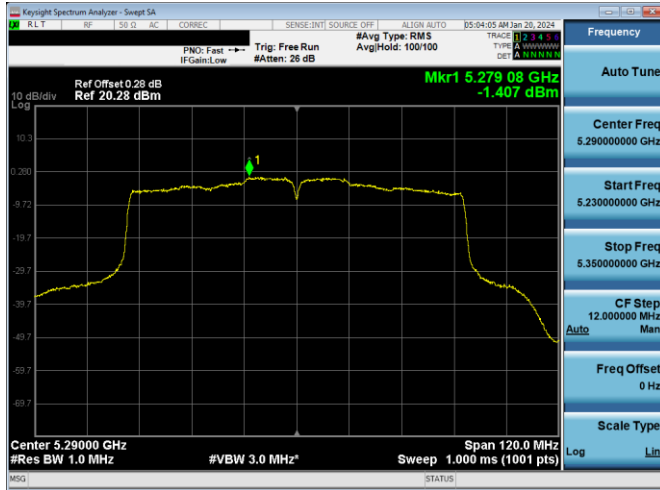


Plot 7-789. PSD CDD DIVERSITY Antenna 1b (20MHz BW 802.11n – Ch. 60, MCS10)

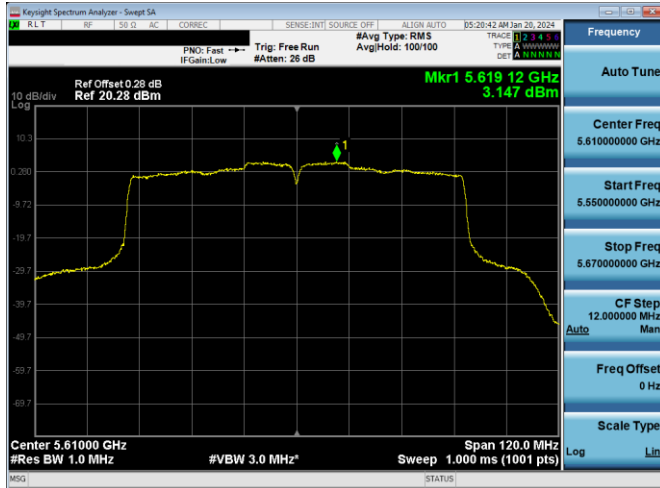


Plot 7-792. PSD CDD DIVERSITY Antenna 1b (40MHz BW 802.11ax(SU) – Ch. 54, MCS2)

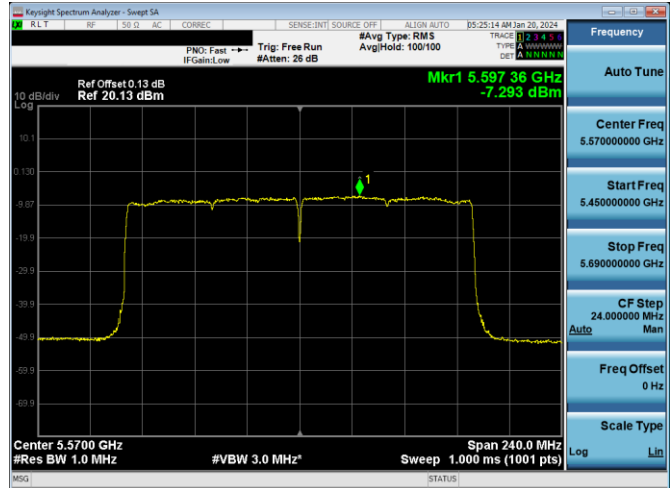
FCC ID: BCGA2903 IC: 579C-A2903	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-24.BCG	Test Dates: 11/28/2023 - 01/15/2024	EUT Type: Tablet Device	Page 243 of 597



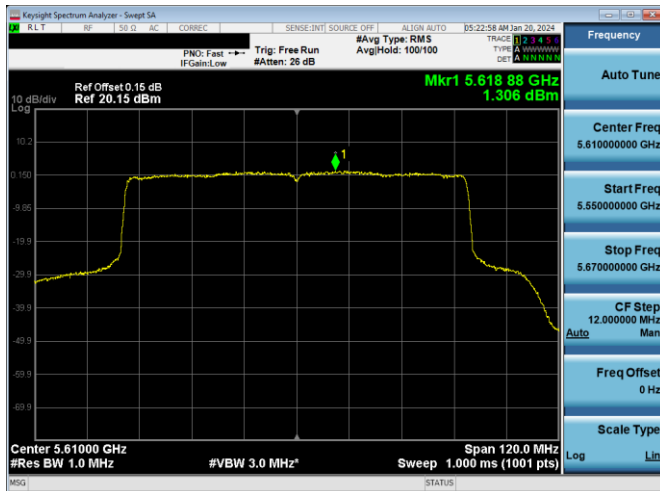
FCC ID: BCGA2903 IC: 579C-A2903	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-24.BCG	Test Dates: 11/28/2023 - 01/15/2024	EUT Type: Tablet Device	Page 244 of 597



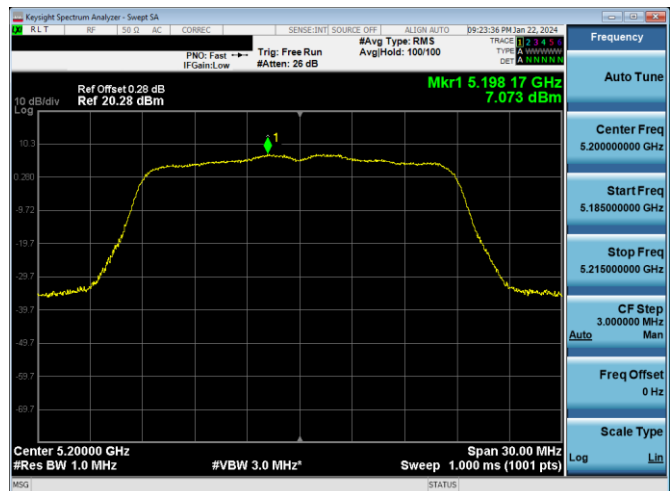
Plot 7-799. PSD CDD DIVERSITY Antenna 1b (80MHz BW 802.11ac - Ch. 122, MCS2)



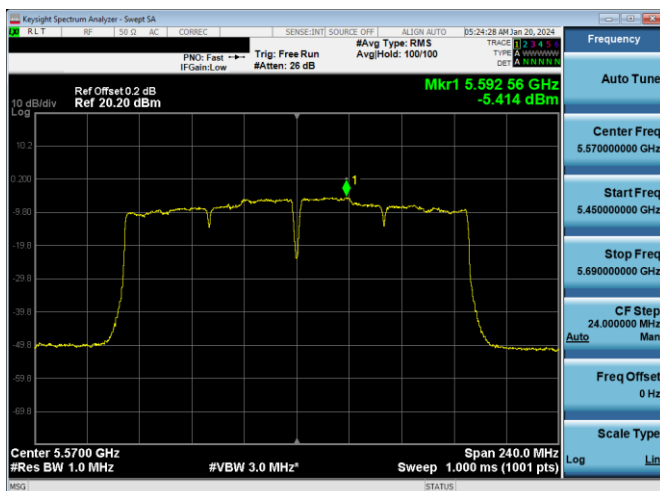
Plot 7-802. PSD CDD DIVERSITY Antenna 1b (160MHz BW 802.11ax(SU) - Ch. 114, MCS2)



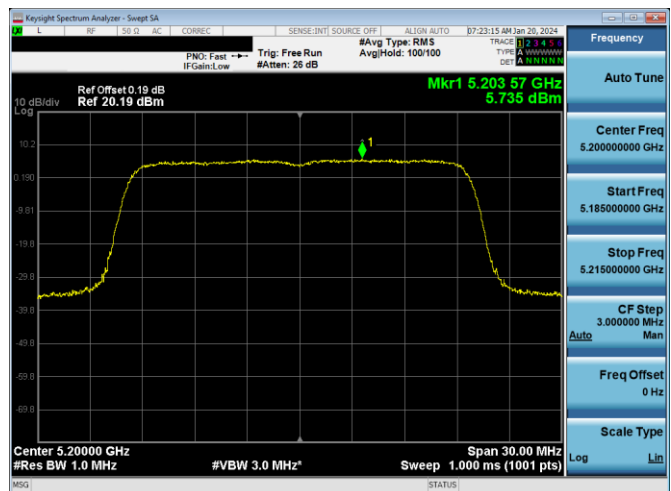
Plot 7-800. PSD CDD DIVERSITY Antenna 1b (80MHz BW 802.11ax(SU) - Ch. 122, MCS2)



Plot 7-803. PSD CDD DIVERSITY Antenna 1b (20MHz BW 802.11n - Ch. 40, MCS12)



Plot 7-801. PSD CDD DIVERSITY Antenna 1b (160MHz BW 802.11ac - Ch. 114, MCS2)

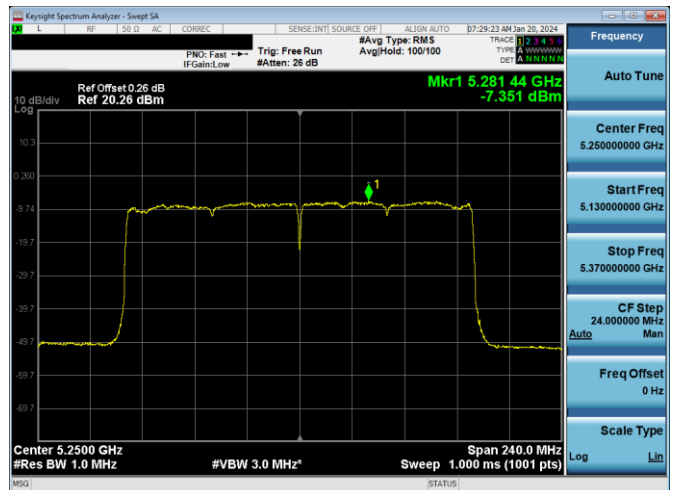
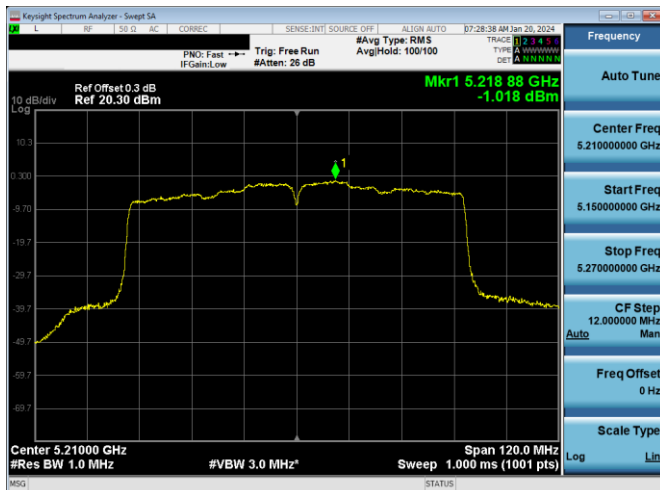
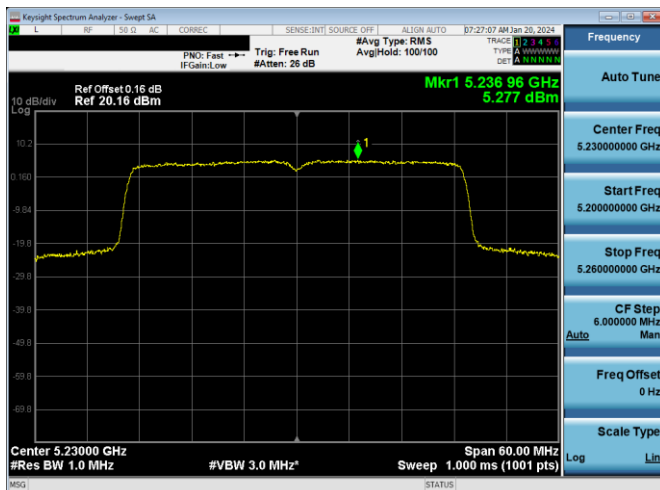
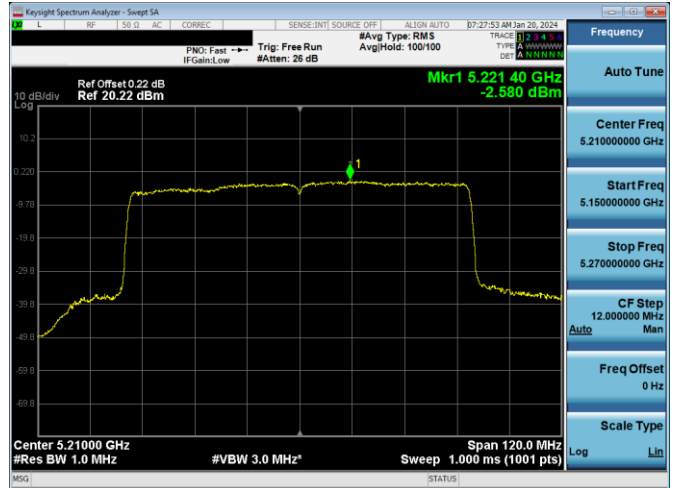
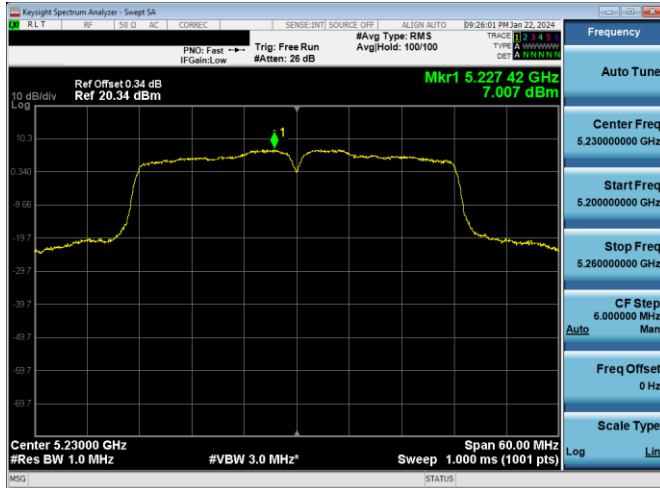


Plot 7-804. PSD CDD DIVERSITY Antenna 1b (20MHz BW 802.11ax(SU) - Ch. 40, MCS4)

FCC ID: BCGA2903 IC: 579C-A2903	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270064-24.BCG	Test Dates: 11/28/2023 - 01/15/2024	EUT Type: Tablet Device	Page 245 of 597

V 10.6/9/14/2023

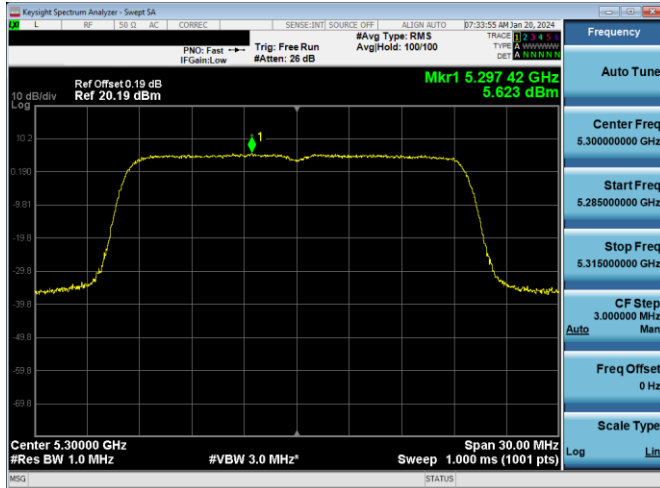
Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry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



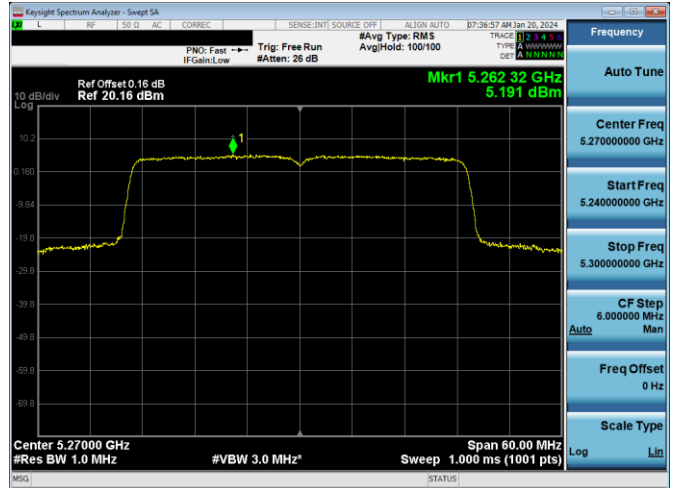
FCC ID: BCGA2903 IC: 579C-A2903	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270064-24.BCG	Test Dates: 11/28/2023 - 01/15/2024	EUT Type: Tablet Device	Page 246 of 597

V 10.6 /9/14/2023

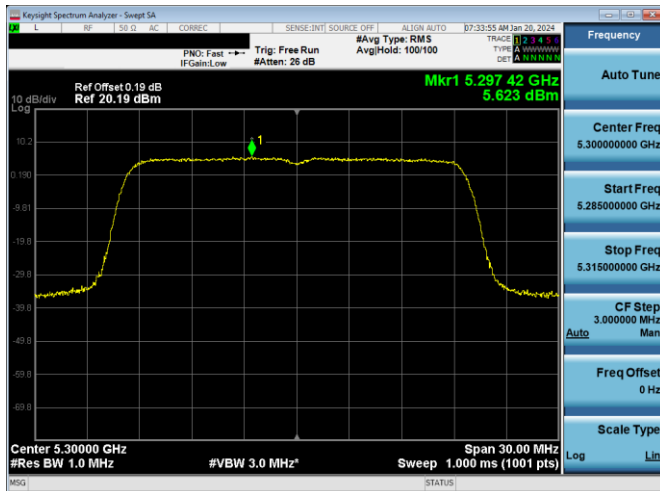
Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry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



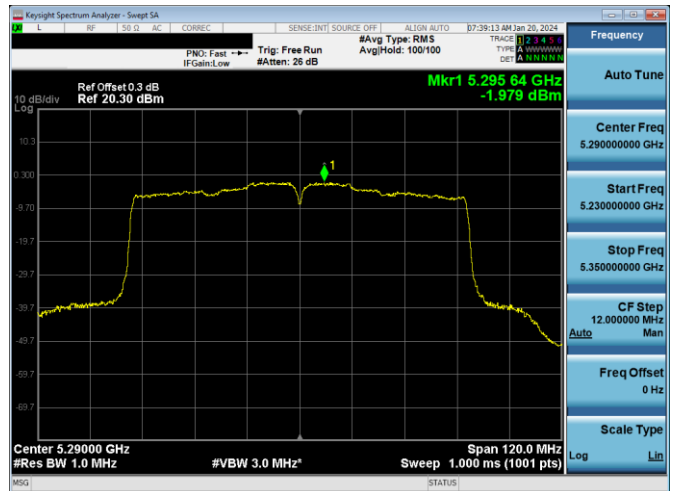
Plot 7-811. PSD CDD DIVERSITY Antenna 1b (20MHz BW 802.11n - Ch. 60, MCS12)



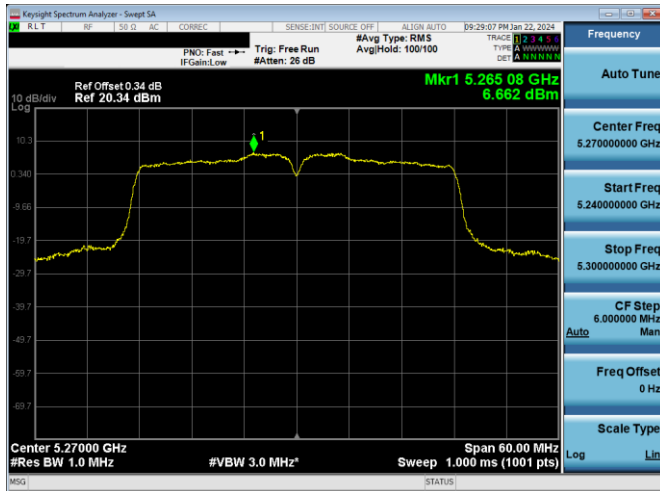
Plot 7-814. PSD CDD DIVERSITY Antenna 1b (40MHz BW 802.11ax(SU) - Ch. 54, MCS4)



Plot 7-812. PSD CDD DIVERSITY Antenna 1b (20MHz BW 802.11ax(SU) - Ch. 60, MCS4)



Plot 7-815. PSD CDD DIVERSITY Antenna 1b (80MHz BW 802.11ac - Ch. 58, MCS4)

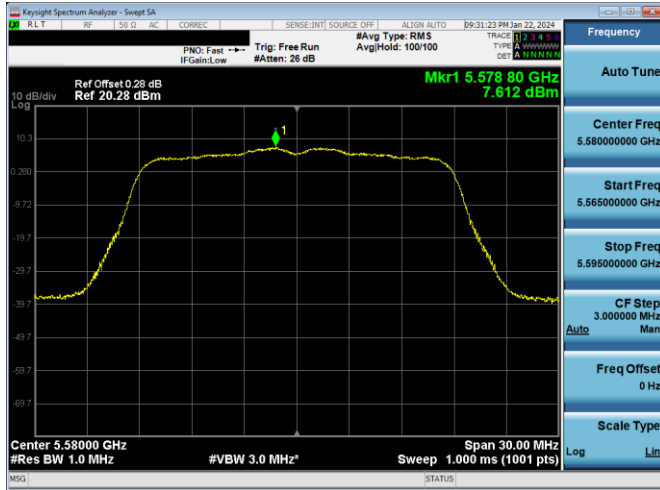


Plot 7-813. PSD CDD DIVERSITY Antenna 1b (40MHz BW 802.11n - Ch. 54, MCS12)

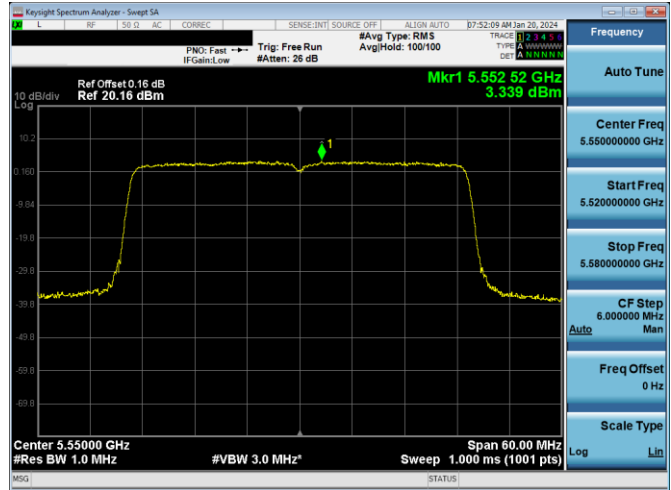


Plot 7-816. PSD CDD DIVERSITY Antenna 1b (80MHz BW 802.11ax(SU) - Ch. 58, MCS4)

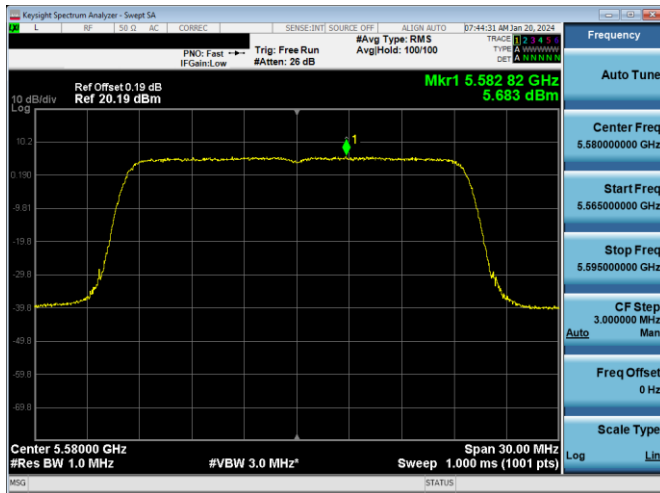
FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-24.BCG			Page 247 of 597
Test Dates: 11/28/2023 - 01/15/2024	EUT Type: Tablet Device		



Plot 7-817. PSD CDD DIVERSITY Antenna 1b (20MHz BW 802.11n – Ch. 116, MCS12)



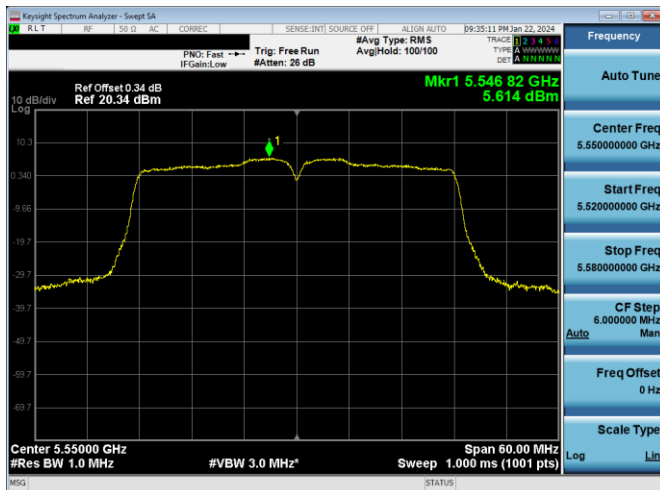
Plot 7-820. PSD CDD DIVERSITY Antenna 1b (40MHz BW 802.11ax(SU) – Ch. 110, MCS4)



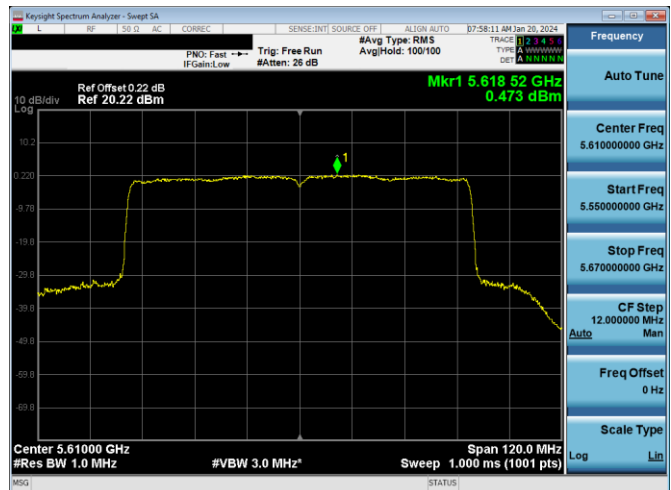
Plot 7-818. PSD CDD DIVERSITY Antenna 1b (20MHz BW 802.11ax(SU) – Ch. 116, MCS4)



Plot 7-821. PSD CDD DIVERSITY Antenna 1b (80MHz BW 802.11ac – Ch. 122, MCS4)

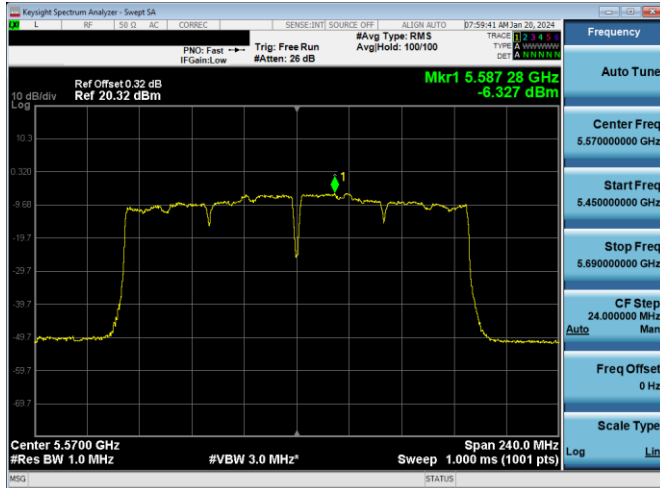


Plot 7-819. PSD CDD DIVERSITY Antenna 1b (40MHz BW 802.11n – Ch. 110, MCS12)

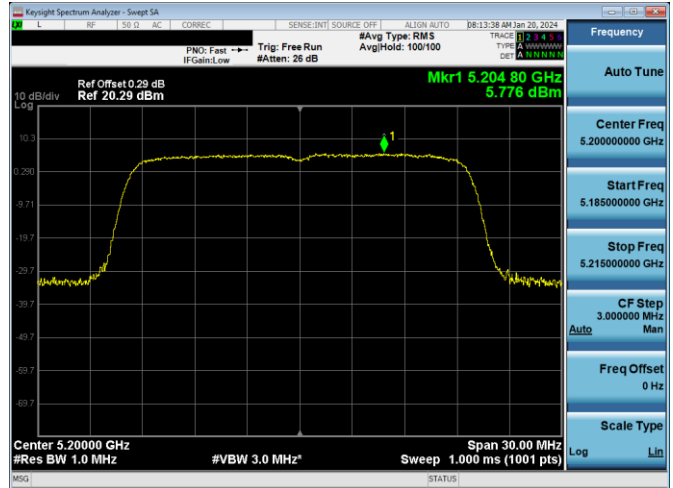


Plot 7-822. PSD CDD DIVERSITY Antenna 1b (80MHz BW 802.11ax(SU) – Ch. 122, MCS4)

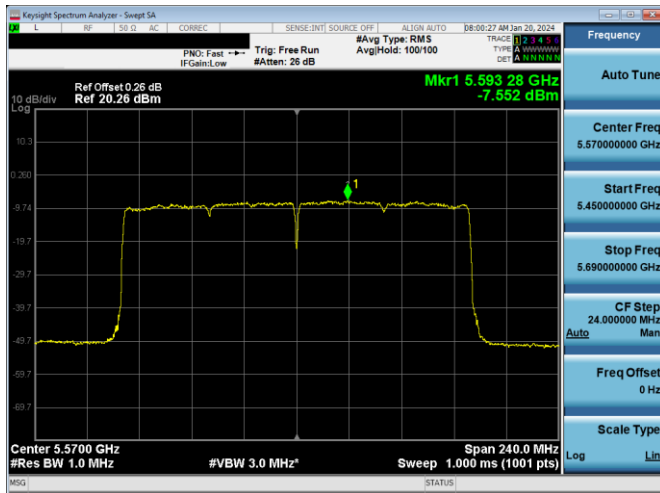
FCC ID: BCGA2903 IC: 579C-A2903	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270064-24.BCG	Test Dates: 11/28/2023 - 01/15/2024	EUT Type: Tablet Device	Page 248 of 597



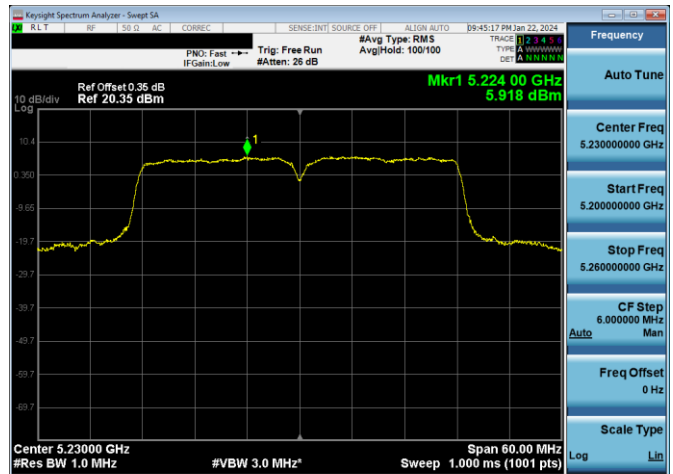
Plot 7-823. PSD CDD DIVERSITY Antenna 1b (160MHz BW 802.11ac - Ch. 114, MCS4)



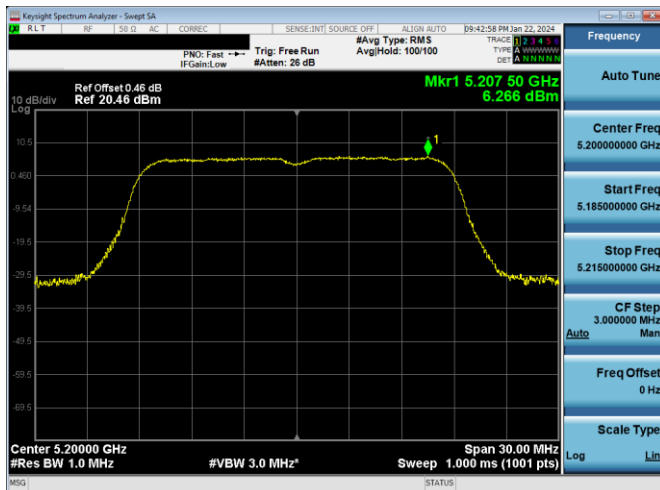
Plot 7-826. PSD CDD DIVERSITY Antenna 1b (20MHz BW 802.11ax(SU) - Ch. 40, MCS11)



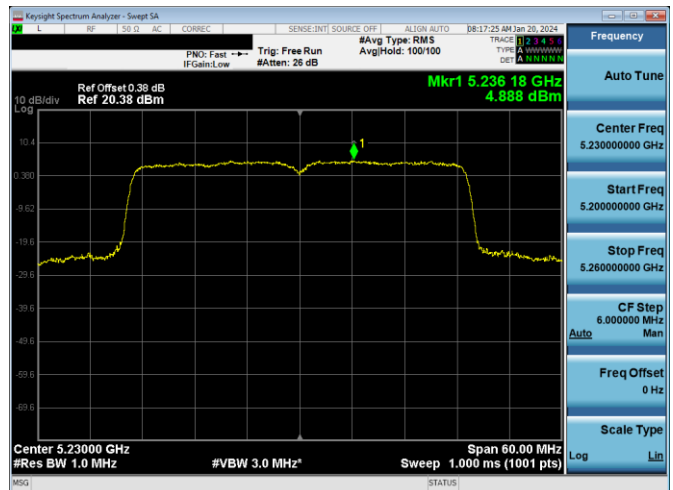
Plot 7-824. PSD CDD DIVERSITY Antenna 1b (160MHz BW 802.11ax(SU) - Ch. 114, MCS4)



Plot 7-827. PSD CDD DIVERSITY Antenna 1b (40MHz BW 802.11n - Ch. 46, MCS15)



Plot 7-825. PSD CDD DIVERSITY Antenna 1b (20MHz BW 802.11n - Ch. 40, MCS15)

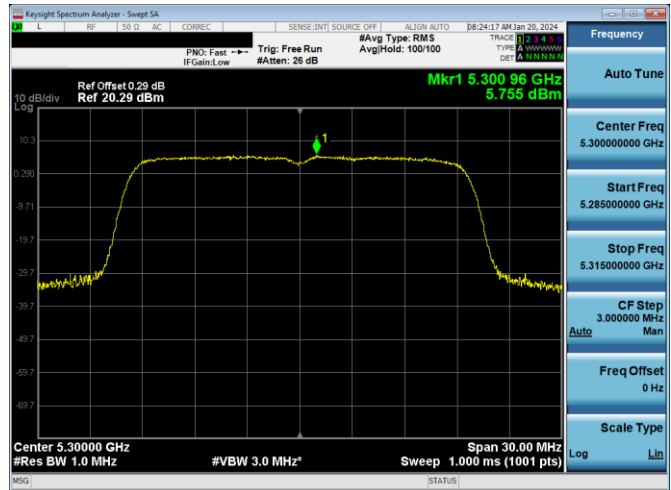
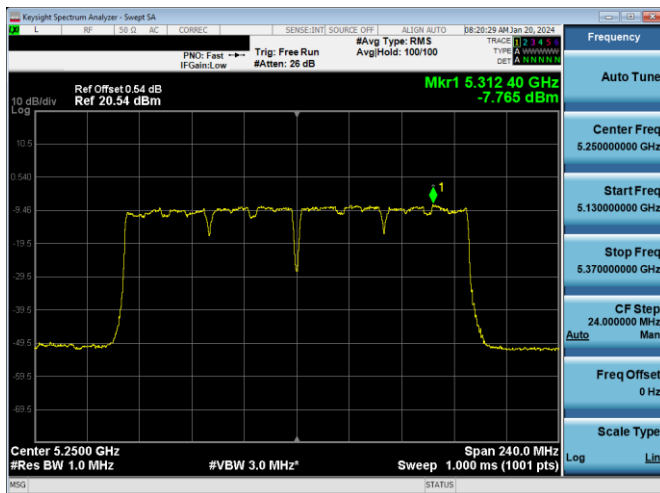
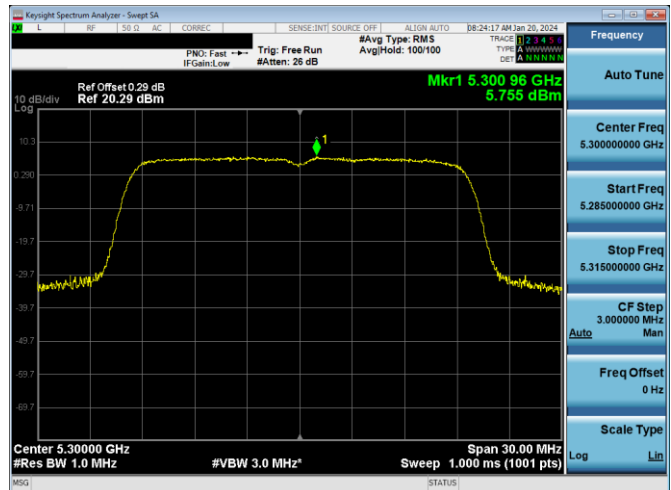
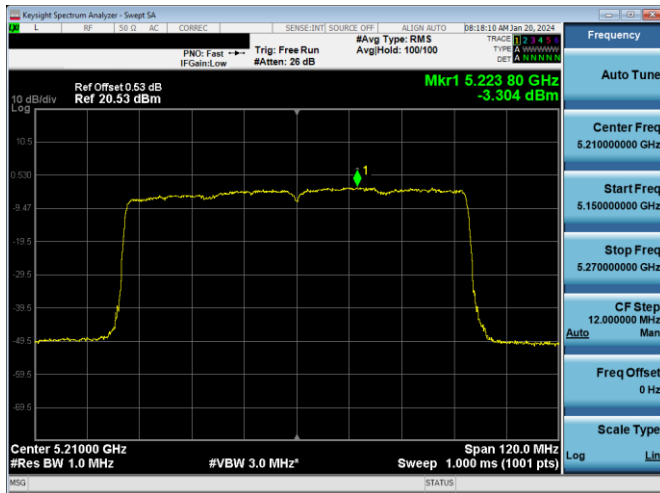
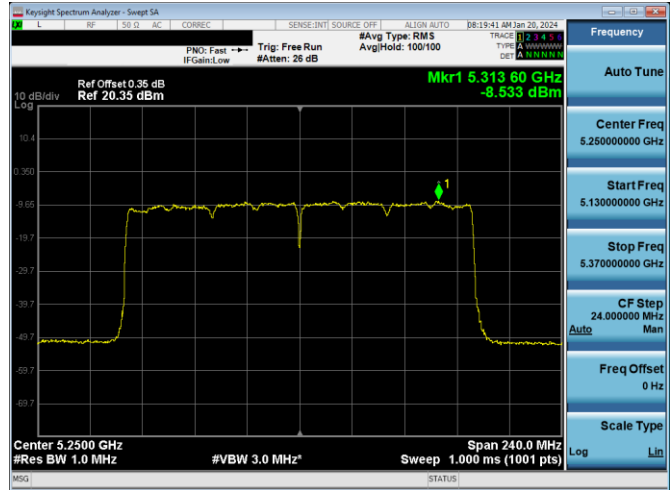
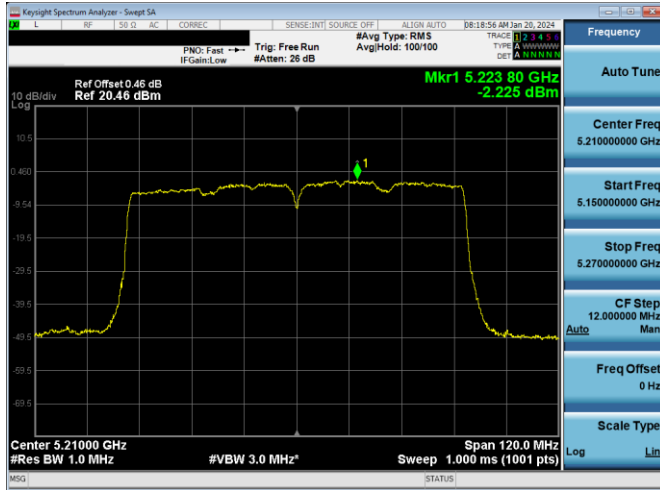


Plot 7-828. PSD CDD DIVERSITY Antenna 1b (40MHz BW 802.11ax(SU) - Ch. 46, MCS11)

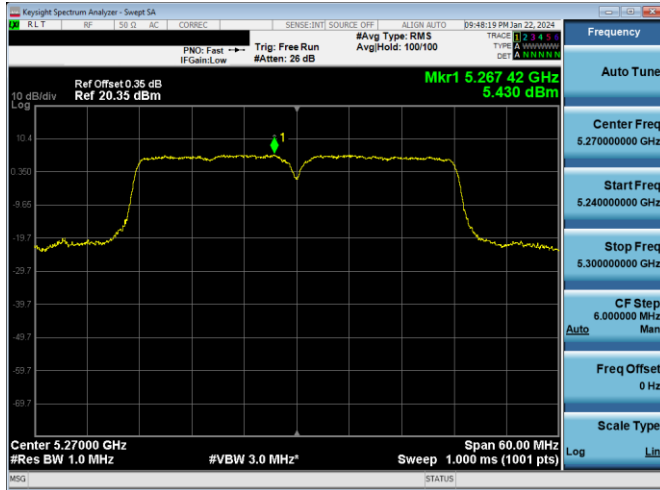
FCC ID: BCGA2903 IC: 579C-A2903	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270064-24.BCG	Test Dates: 11/28/2023 - 01/15/2024	EUT Type: Tablet Device	Page 249 of 597

V 10.6 9/14/2023

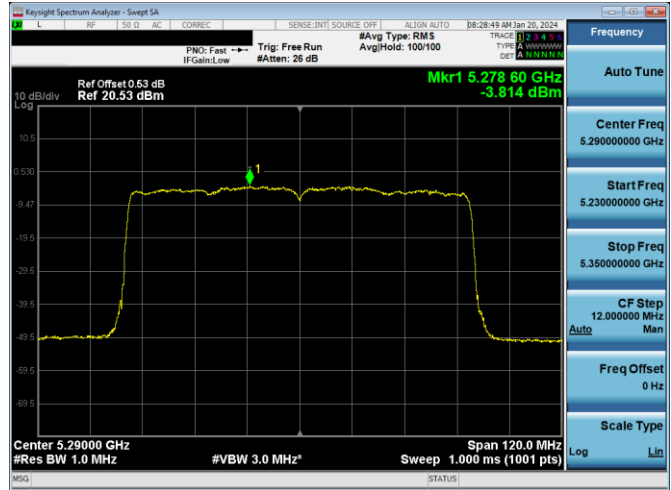
Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry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



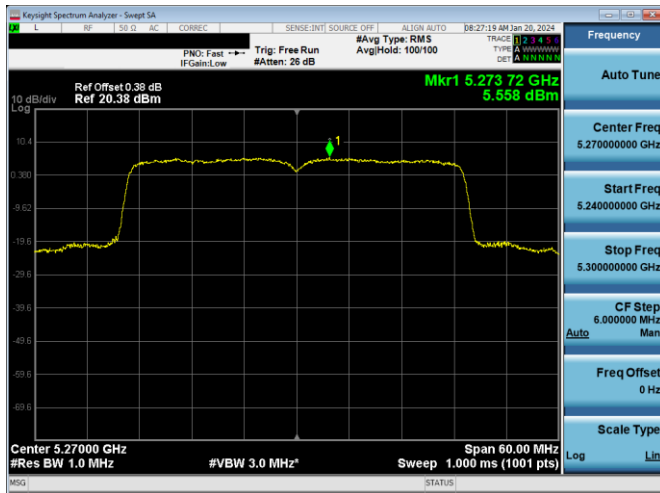
FCC ID: BCGA2903 IC: 579C-A2903	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270064-24.BCG	Test Dates: 11/28/2023 - 01/15/2024	EUT Type: Tablet Device	Page 250 of 597



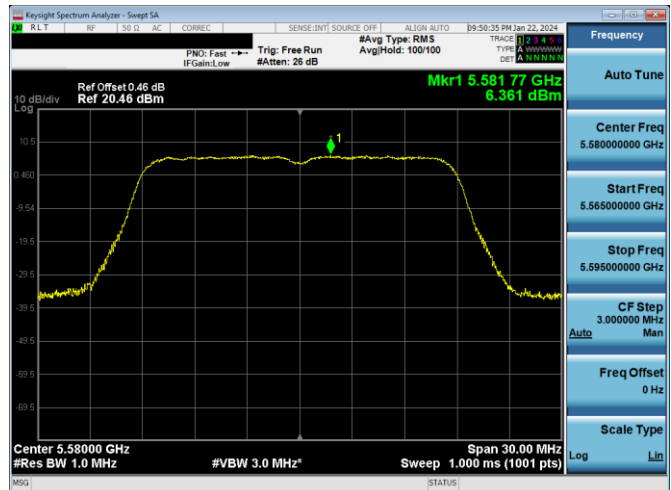
Plot 7-835. PSD CDD DIVERSITY Antenna 1b (40MHz BW 802.11n - Ch. 54, MCS15)



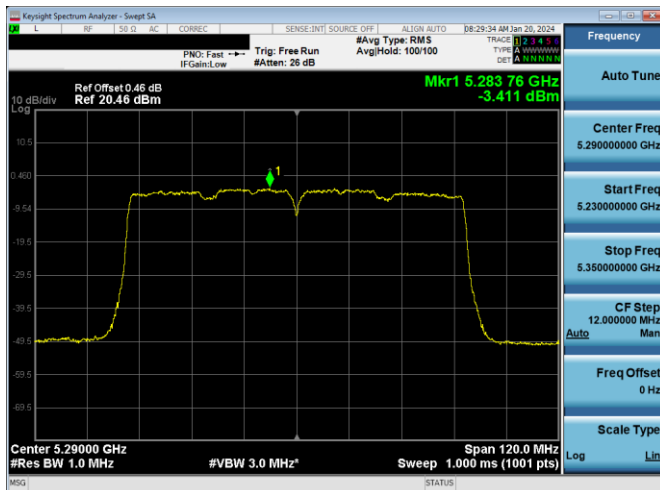
Plot 7-838. PSD CDD DIVERSITY Antenna 1b (80MHz BW 802.11ax(SU) - Ch. 58, MCS11)



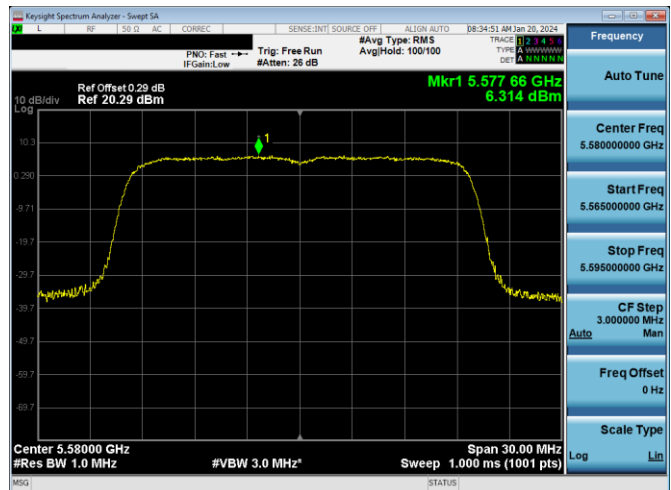
Plot 7-836. PSD CDD DIVERSITY Antenna 1b (40MHz BW 802.11ax(SU) - Ch. 54, MCS11)



Plot 7-839. PSD CDD DIVERSITY Antenna 1b (20MHz BW 802.11n - Ch. 116, MCS15)



Plot 7-837. PSD CDD DIVERSITY Antenna 1b (80MHz BW 802.11ac - Ch. 58, MCS9)

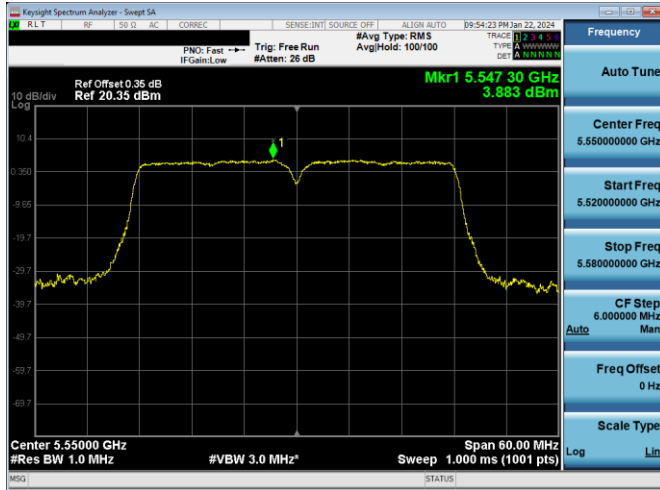


Plot 7-840. PSD CDD DIVERSITY Antenna 1b (20MHz BW 802.11ax(SU) - Ch. 116, MCS11)

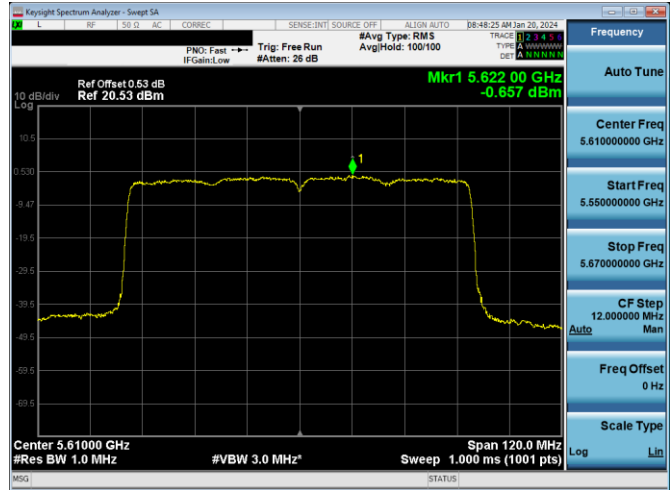
FCC ID: BCGA2903 IC: 579C-A2903	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270064-24.BCG	Test Dates: 11/28/2023 - 01/15/2024	EUT Type: Tablet Device	Page 251 of 597

V 10.6/9/14/2023

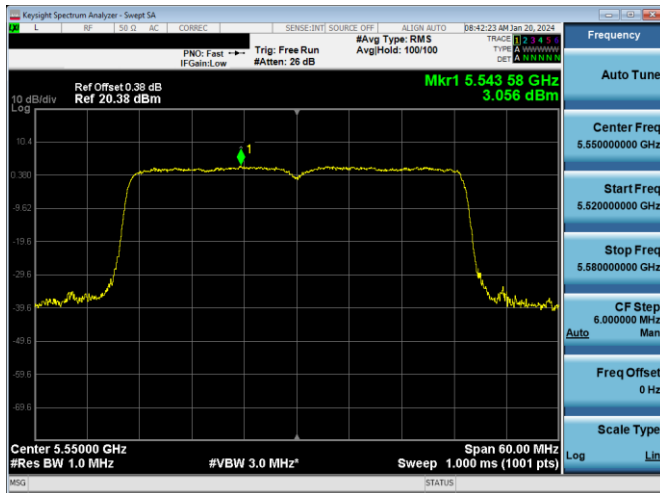
Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry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



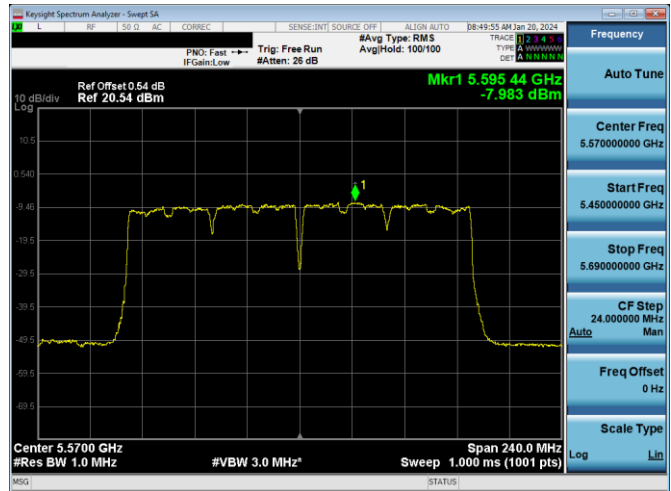
Plot 7-841. PSD CDD DIVERSITY Antenna 1b (40MHz BW 802.11n – Ch. 110, MCS15)



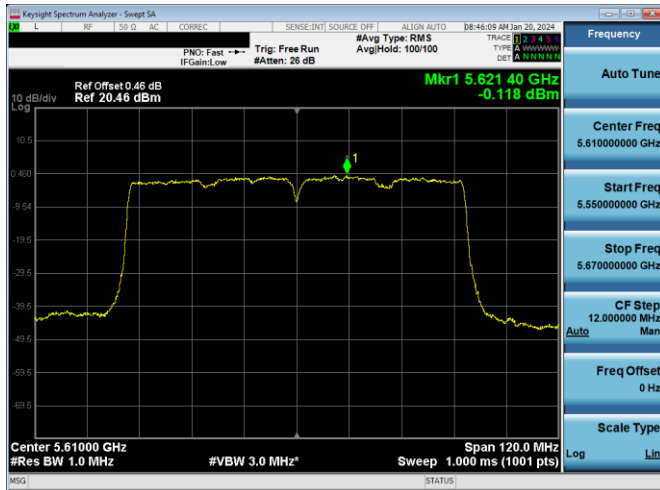
Plot 7-844. PSD CDD DIVERSITY Antenna 1b (80MHz BW 802.11ax(SU) – Ch. 122, MCS11)



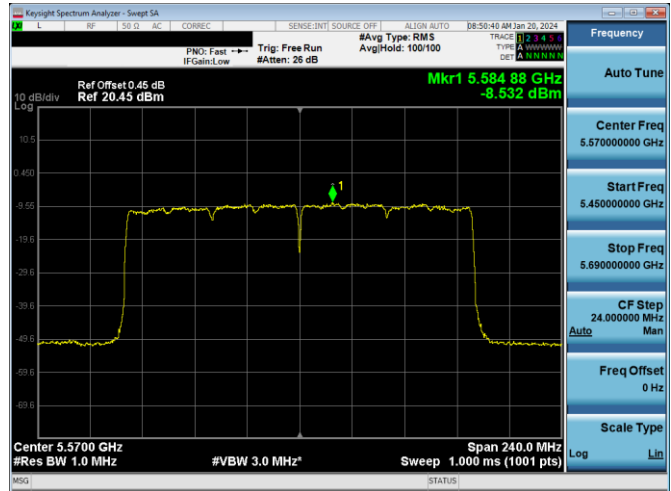
Plot 7-842. PSD CDD DIVERSITY Antenna 1b (40MHz BW 802.11ax(SU) – Ch. 110, MCS11)



Plot 7-845. PSD CDD DIVERSITY Antenna 1b (160MHz BW 802.11ac – Ch. 114, MCS9)



Plot 7-843. PSD CDD DIVERSITY Antenna 1b (80MHz BW 802.11ac – Ch. 122, MCS9)



Plot 7-846. PSD CDD DIVERSITY Antenna 1b (160MHz BW 802.11ax(SU) – Ch. 114, MCS11)

FCC ID: BCGA2903 IC: 579C-A2903	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-24.BCG	Test Dates: 11/28/2023 - 01/15/2024	EUT Type: Tablet Device	Page 252 of 597

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	Data Rate [Mbps]	Antenna 3c Power Density [dBm/500kHz]	Antenna 1b Power Density [dBm/500kHz]	Summed Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	CDD	39/43.3 (MCS10)	6.93	7.23	10.09	30.0	-19.91
	5785	157	n (20MHz)	CDD	39/43.3 (MCS10)	6.56	6.61	9.59	30.0	-20.41
	5825	165	n (20MHz)	CDD	39/43.3 (MCS10)	7.07	6.89	9.99	30.0	-20.01
	5745	149	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	5.21	5.65	8.45	30.0	-21.55
	5785	157	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	5.30	5.15	8.23	30.0	-21.77
	5825	165	ax (SU) (20MHz)	CDD	48/51.6 (MCS2)	5.38	5.17	8.29	30.0	-21.71
	5755	151	n (40MHz)	CDD	81/60 (MCS10)	3.71	3.80	6.76	30.0	-23.24
	5795	159	n (40MHz)	CDD	81/60 (MCS10)	3.72	3.64	6.69	30.0	-23.31
	5755	151	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	2.09	2.53	5.32	30.0	-24.68
	5795	159	ax (SU) (40MHz)	CDD	98/103.2 (MCS2)	2.27	2.36	5.33	30.0	-24.67
	5775	155	ac (80MHz)	CDD	175.5/195 (MCS2)	-0.20	0.01	2.92	30.0	-27.08
	5775	155	ax (SU) (80MHz)	CDD	204/216.2 (MCS2)	-2.72	-2.53	0.39	30.0	-29.61

Table 7-239. Band 3 Power Spectral Density Measurements CDD DIVERSITY (Low Data Rate)

	Frequency [MHz]	Channel	802.11 MODE	Mode	Data Rate [Mbps]	Antenna 3c Power Density [dBm/500kHz]	Antenna 1b Power Density [dBm/500kHz]	Summed Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	CDD	78/86.7 (MCS12)	6.87	7.03	9.96	30.0	-20.04
	5785	157	n (20MHz)	CDD	78/86.7 (MCS12)	7.26	6.71	10.01	30.0	-19.99
	5825	165	n (20MHz)	CDD	78/86.7 (MCS12)	6.82	6.93	9.89	30.0	-20.11
	5745	149	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	5.71	6.16	8.95	30.0	-21.05
	5785	157	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	5.45	5.31	8.39	30.0	-21.61
	5825	165	ax (SU) (20MHz)	CDD	98/103.2 (MCS4)	5.62	5.40	8.52	30.0	-21.48
	5755	151	n (40MHz)	CDD	162/180 (MCS12)	3.66	3.94	6.82	30.0	-23.18
	5795	159	n (40MHz)	CDD	162/180 (MCS12)	3.85	4.14	7.01	30.0	-22.99
	5755	151	ax (SU) (40MHz)	CDD	196/206.5 (MCS4)	2.53	2.26	5.41	30.0	-24.59
	5795	159	ax (SU) (40MHz)	CDD	196/206.5 (MCS4)	2.39	2.31	5.36	30.0	-24.64
	5775	155	ac (80MHz)	CDD	351/390 (MCS4)	-0.45	-0.27	2.65	30.0	-27.35
	5775	155	ax (SU) (80MHz)	CDD	408/432.4 (MCS4)	-3.38	-2.93	-0.14	30.0	-30.14

Table 7-240. Band 3 Power Spectral Density Measurements CDD DIVERSITY (Mid Data Rate)

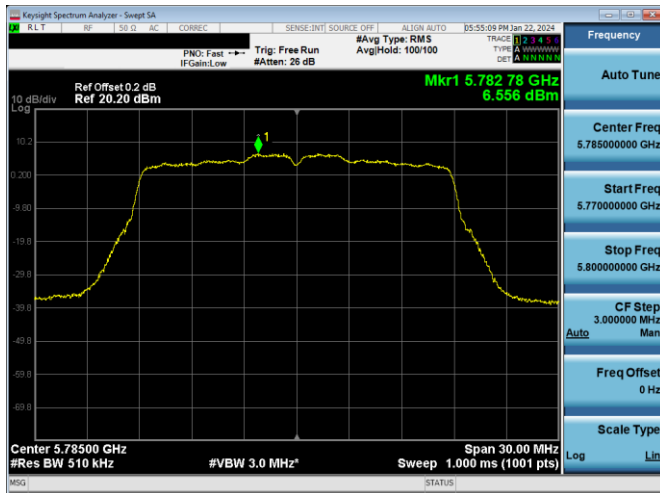
	Frequency [MHz]	Channel	802.11 MODE	Mode	Data Rate [Mbps]	Antenna 3c Power Density [dBm/500kHz]	Antenna 1b Power Density [dBm/500kHz]	Summed Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	CDD	130/144.4 (MCS15)	6.21	6.32	9.28	30.0	-20.72
	5785	157	n (20MHz)	CDD	130/144.4 (MCS15)	5.80	5.59	8.71	30.0	-21.29
	5825	165	n (20MHz)	CDD	130/144.4 (MCS15)	6.63	5.92	9.30	30.0	-20.70
	5745	149	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	5.69	6.24	8.98	30.0	-21.02
	5785	157	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	5.85	5.23	8.56	30.0	-21.44
	5825	165	ax (SU) (20MHz)	CDD	270/286.8 (MCS11)	5.90	5.73	8.83	30.0	-21.17
	5755	151	n (40MHz)	CDD	270/300 (MCS15)	2.86	2.76	5.82	30.0	-24.18
	5795	159	n (40MHz)	CDD	270/300 (MCS15)	3.40	2.80	6.12	30.0	-23.88
	5755	151	ax (SU) (40MHz)	CDD	271/286.8 (MCS11)	2.90	2.80	5.86	30.0	-24.14
	5795	159	ax (SU) (40MHz)	CDD	271/286.8 (MCS11)	2.67	2.54	5.62	30.0	-24.38
	5775	155	ac (80MHz)	CDD	780/866.7 (MCS9)	-2.76	-2.32	0.48	30.0	-29.52
	5775	155	ax (SU) (80MHz)	CDD	1134/1201 (MCS11)	-2.86	-3.26	-0.04	30.0	-30.04

Table 7-241. Band 3 Power Spectral Density Measurements CDD DIVERSITY (High Data Rate)

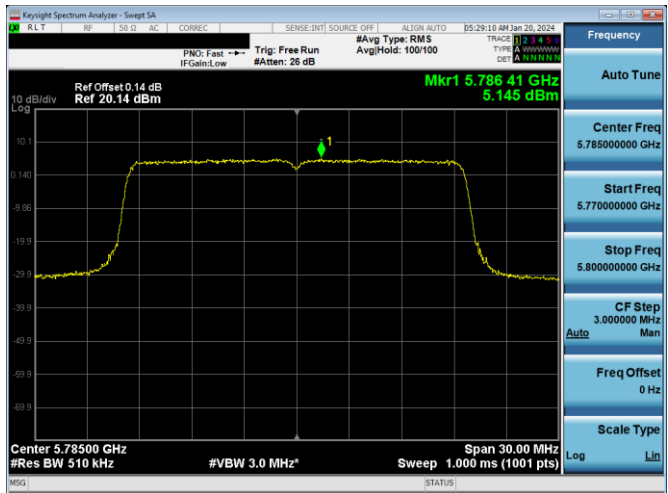
FCC ID: BCGA2903 IC: 579C-A2903	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270064-24.BCG	Test Dates: 11/28/2023 - 01/15/2024	EUT Type: Tablet Device	Page 253 of 597

V 10.6 9/14/2023

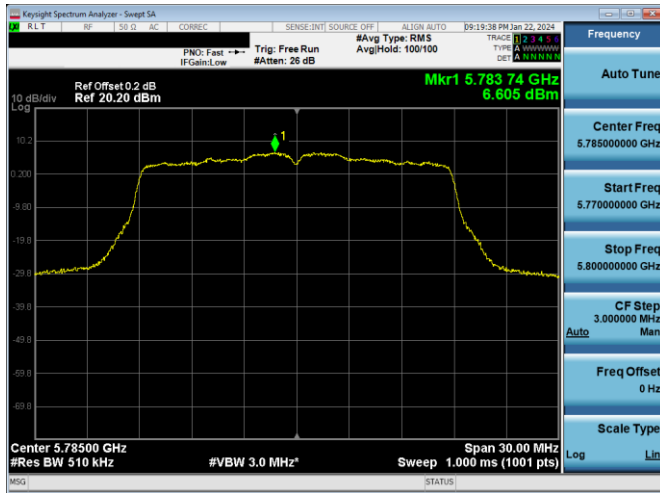
Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry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



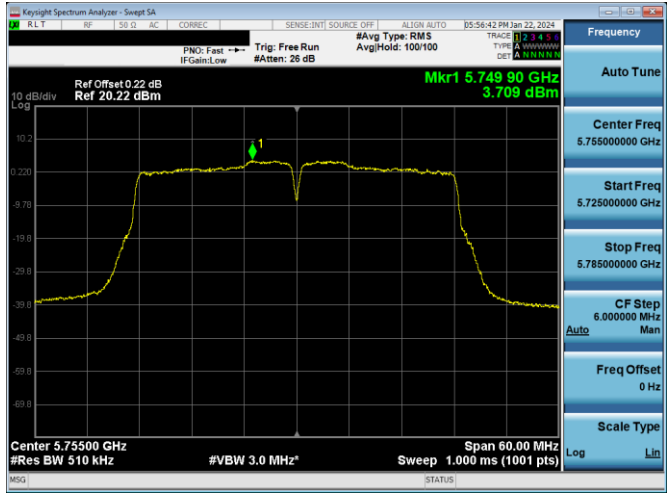
Plot 7-847. PSD CDD DIVERSITY Antenna 3c (20MHz BW 802.11n - Ch. 157, MCS10)



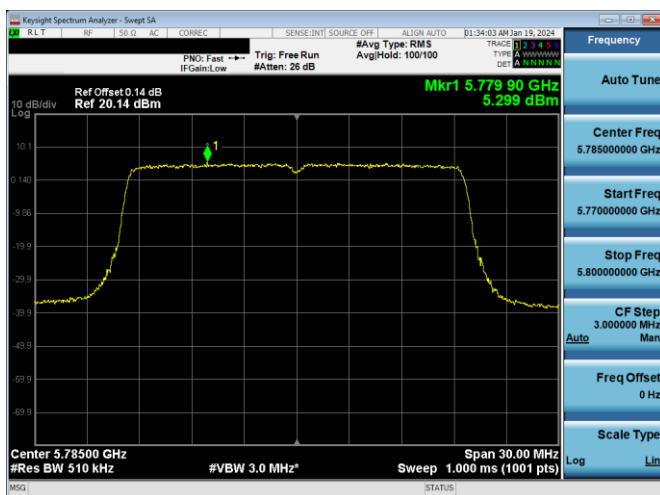
Plot 7-850. PSD CDD DIVERSITY Antenna 1b (20MHz BW 802.11ax(SU) - Ch. 157, MCS2)



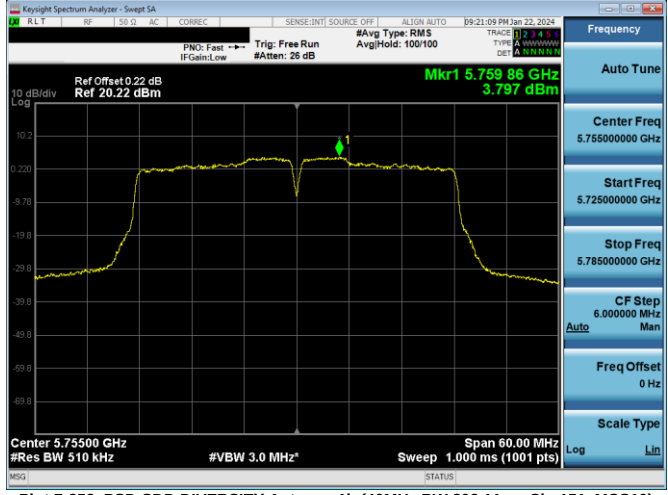
Plot 7-848. PSD CDD DIVERSITY Antenna 1b (20MHz BW 802.11n - Ch. 157, MCS10)



Plot 7-851. PSD CDD DIVERSITY Antenna 3c (40MHz BW 802.11n - Ch. 151, MCS10)



Plot 7-849. PSD CDD DIVERSITY Antenna 3c (20MHz BW 802.11ax(SU) - Ch. 157, MCS2)



Plot 7-852. PSD CDD DIVERSITY Antenna 1b (40MHz BW 802.11n - Ch. 151, MCS10)

FCC ID: BCGA2903 IC: 579C-A2903		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270064-24.BCG	Test Dates: 11/28/2023 - 01/15/2024	EUT Type: Tablet Device	Page 254 of 597

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.