

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 3	5180	149	be (20MHz)	26	8	MCS5	3.21	30.0	-26.79
	5200	157	be (20MHz)	26	8	MCS5	3.00	30.0	-27.00
	5240	165	be (20MHz)	26	8	MCS5	2.93	30.0	-27.07
	5190	151	be (40MHz)	26	8	MCS5	3.25	30.0	-26.76
	5230	159	be (40MHz)	26	8	MCS5	3.23	30.0	-26.77
	5210	155	be (80MHz)	26	36	MCS5	3.27	30.0	-26.73

Table 7-143. Band 3 Power Spectral Density Measurements Antenna WF5B (RU26)

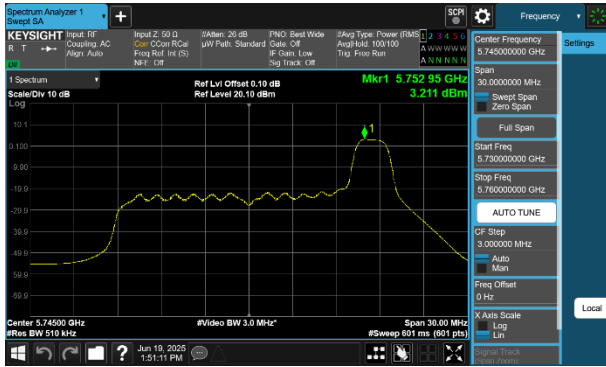
	Frequency [MHz]	Channel No.	802.11 MODE	RU Size	RU Index	Data Rate	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	be (20MHz)	52+26	71	MCS5	3.74	30.0	-26.26
	5785	157	be (20MHz)	52+26	71	MCS5	3.50	30.0	-26.50
	5825	165	be (20MHz)	52+26	71	MCS5	3.55	30.0	-26.45
	5745	149	be (20MHz)	106+26	83	MCS5	3.63	30.0	-26.37
	5785	157	be (20MHz)	106+26	82	MCS5	3.40	30.0	-26.60
	5825	165	be (20MHz)	106+26	83	MCS5	3.42	30.0	-26.58
	5775	155	be (80MHz)	484+242	92	MCS5	-3.65	30.0	-33.65

Table 7-144. Band 3 Power Spectral Density Measurements Antenna WF5B (MRU)

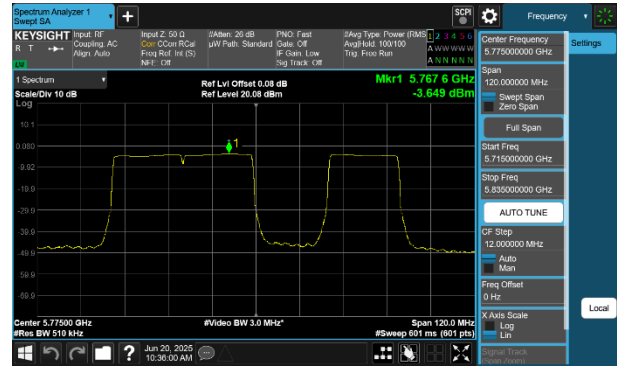
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	be (20MHz)	242	61	MCS5	2.69	30.0	-27.31
	5785	157	be (20MHz)	242	61	MCS5	2.41	30.0	-27.59
	5825	165	be (20MHz)	242	61	MCS5	2.46	30.0	-27.55
	5755	151	be (40MHz)	484	65	MCS5	-0.33	30.0	-30.33
	5795	159	be (40MHz)	484	65	MCS5	-0.44	30.0	-30.44
	5775	155	be (80MHz)	996	67	MCS5	-5.98	30.0	-35.98

Table 7-145. Band 3 Power Spectral Density Measurements Antenna WF5B (Fully-loaded RU)

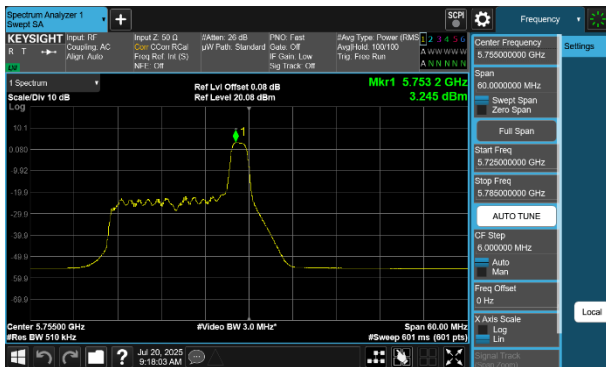
FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 91 of 374



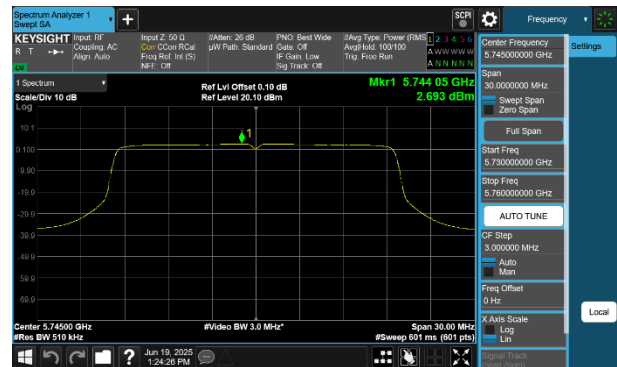
Plot 7-69 PSD Antenna WF5B (20MHz BW 802.11be(RU) RU26 Index8 - Ch.149)



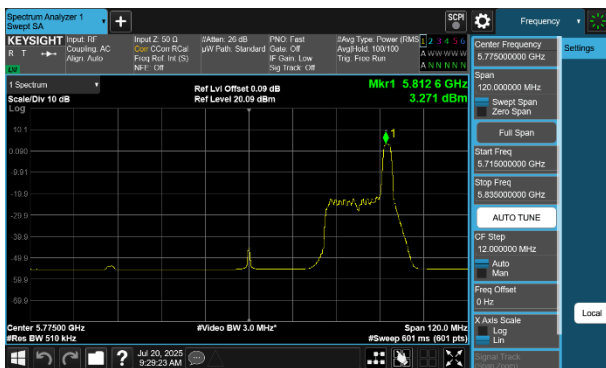
Plot 7-73 PSD Antenna WF5B (80MHz BW 802.11be(RU) RU484+242 Index92 - Ch.155)



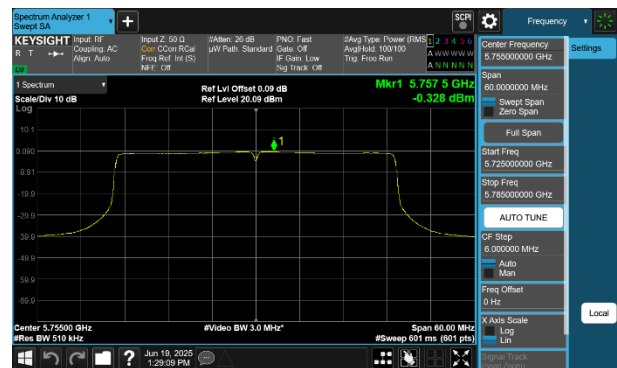
Plot 7-70 PSD Antenna WF5B (40MHz BW 802.11be(RU) RU26 Index8 - Ch.151)



Plot 7-74 PSD Antenna WF5B (20MHz BW 802.11be(RU) RU242 Index61 - Ch.149)



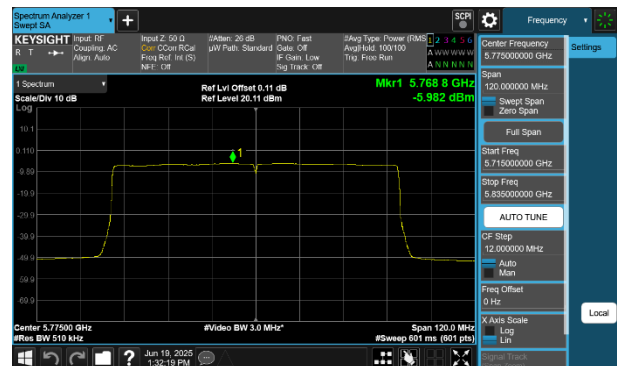
Plot 7-71 PSD Antenna WF5B (80MHz BW 802.11be(RU) RU26 Index36 - Ch.155)



Plot 7-75 PSD Antenna WF5B (40MHz BW 802.11be(RU) RU484 Index65 - Ch.151)



Plot 7-72 PSD Antenna WF5B (20MHz BW 802.11be(RU) RU52+26 Index71 - Ch.149)



Plot 7-76 PSD Antenna WF5B (80MHz BW 802.11be(RU) RU996 Index67 - Ch.155)

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 92 of 374

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	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	be (20MHz)	26	0	MCS5	4.45	3.40	7.85	10.0	-2.15
	5200	40	be (20MHz)	26	8	MCS5	4.53	3.40	7.93	10.0	-2.07
	5240	48	be (20MHz)	26	8	MCS5	4.01	3.40	7.41	10.0	-2.59
	5190	38	be (40MHz)	26	17	MCS5	4.65	3.40	8.05	10.0	-1.95
	5230	46	be (40MHz)	26	8	MCS5	4.67	3.40	8.07	10.0	-1.93
	5210	42	be (80MHz)	26	0	MCS5	4.54	3.40	7.94	10.0	-2.06
Band 1/2A	5250	50	be (160MHz)	52	52	MCS5	4.48	3.40	7.88	10.0	-2.12

Table 7-146. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna WF5B (RU26)

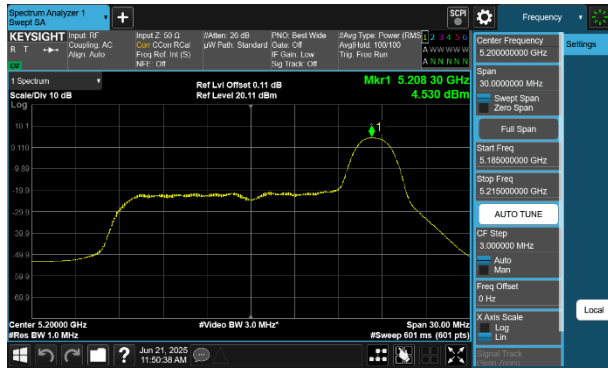
	Frequency [MHz]	Channel No.	802.11 MODE	RU Size	RU Index	Data Rate	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	be (20MHz)	52+26	71	MCS5	5.11	3.40	8.51	10	-1.49
	5200	40	be (20MHz)	52+26	72	MCS5	4.97	3.40	8.37	10	-1.64
	5240	48	be (20MHz)	52+26	71	MCS5	4.90	3.40	8.30	10	-1.70
	5180	36	be (20MHz)	106+26	83	MCS5	3.43	3.40	6.83	10	-3.17
	5200	40	be (20MHz)	106+26	82	MCS5	4.25	3.40	7.65	10	-2.35
	5240	48	be (20MHz)	106+26	83	MCS5	4.90	3.40	8.30	10	-1.70
	5210	42	be (80MHz)	484+242	91	MCS5	-3.06	3.40	0.34	10	-9.66
	5250	50 (L)	be (160MHz)	996+484	95	MCS5	-7.24	3.40	-3.84	10	-13.84
Band 1/2A	5250	50 (L)	be (160MHz)	996+484+242	96	MCS5	-8.07	3.40	-4.67	10	-14.67
	5250	50 (U)	be (160MHz)	996+484	94	MCS5	-7.45	3.40	-4.05	10	-14.05
	5250	50 (U)	be (160MHz)	996+484+242	98	MCS5	-8.04	3.40	-4.64	10	-14.64

Table 7-147. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna WF5B (MRU)

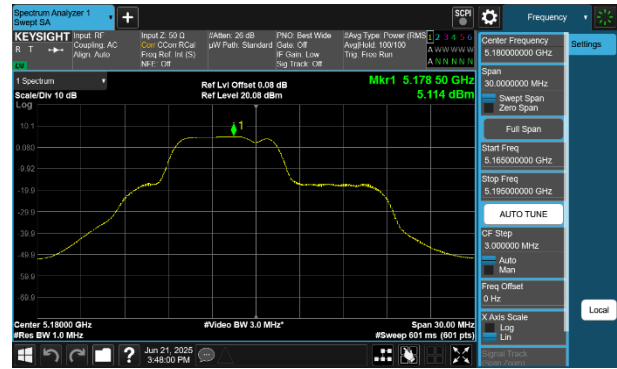
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	be (20MHz)	242	61	MCS5	3.22	3.40	6.62	10.0	-3.38
	5200	40	be (20MHz)	242	61	MCS5	3.60	3.40	7.00	10.0	-3.00
	5240	48	be (20MHz)	242	61	MCS5	4.15	3.40	7.55	10.0	-2.45
	5190	38	be (40MHz)	484	65	MCS5	-1.95	3.40	1.45	10.0	-8.55
	5230	46	be (40MHz)	484	65	MCS5	2.83	3.40	6.23	10.0	-3.77
	5210	42	be (80MHz)	996	67	MCS5	-4.99	3.40	-1.59	10.0	-11.59
Band 1/2A	5250	50	be (160MHz)	996	68	MCS5	-9.20	3.40	-5.80	10.0	-15.80

Table 7-148. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna WF5B (Fully-loaded RU)

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 93 of 374



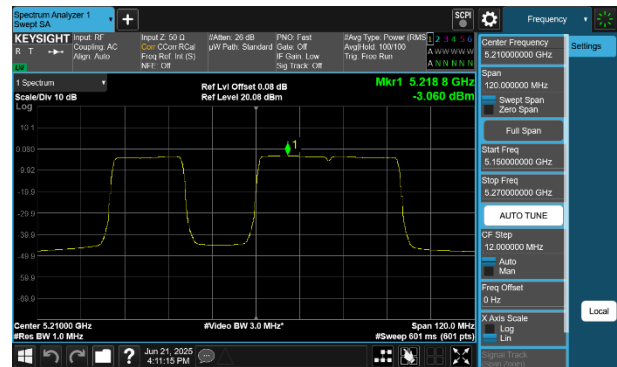
Plot 7-77 PSD Antenna WF5B (20MHz BW 802.11be(RU) RU26 Index8 - Ch.40)



Plot 7-81 PSD Antenna WF5B (20MHz BW 802.11be(RU) RU52+26 Index71 - Ch.36)



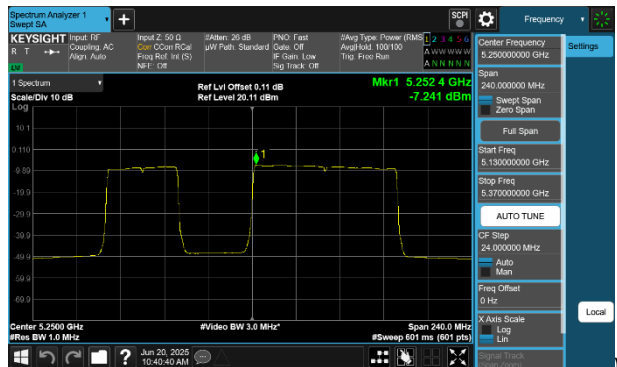
Plot 7-78 PSD Antenna WF5B (40MHz BW 802.11be(RU) RU26 Index8 - Ch.46)



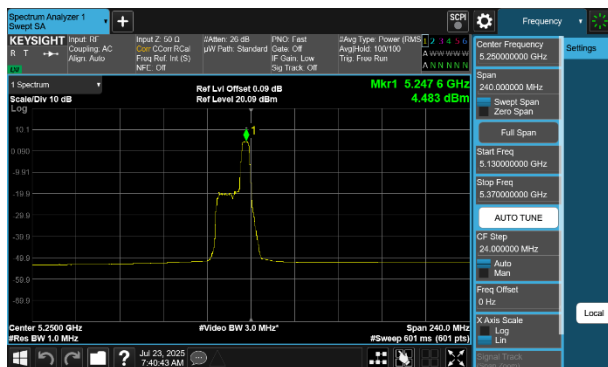
Plot 7-82 PSD Antenna WF5B (80MHz BW 802.11be(RU) RU484+242 Index91 - Ch.42)



Plot 7-79 PSD Antenna WF5B (80MHz BW 802.11be(RU) RU26 Index0 - Ch.42)



Plot 7-83 PSD Antenna WF5B (160MHz BW 802.11be(RU) RU996+484 Index95 - Ch.50)

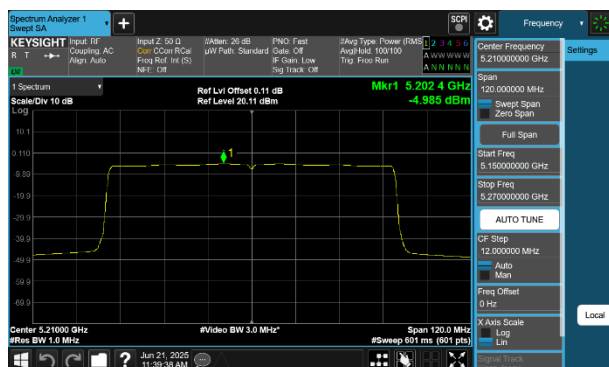
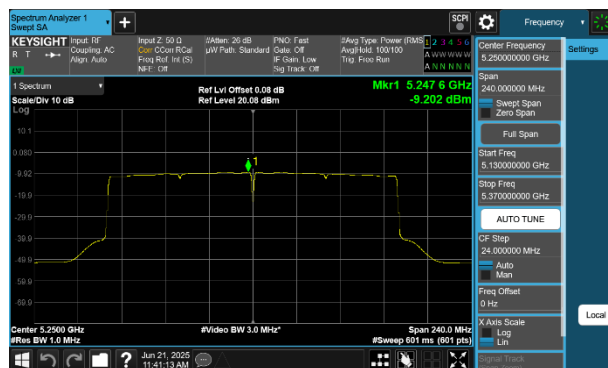


Plot 7-80 PSD Antenna WF5B (160MHz BW 802.11be(RU) RU52 Index52 - Ch.50)



Plot 7-84 PSD Antenna WF5B (20MHz BW 802.11be(RU) RU242 Index61 - Ch.48)

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 94 of 374



FCC ID: BCGA3358 IC: 579C-A3358			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device		Page 95 of 374

7.5.2 Antenna 4a Power Spectral Density Measurements

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	be (20MHz)	26	8	MCS5	7.13	11.0	-3.88
	5200	40	be (20MHz)	26	8	MCS5	7.01	11.0	-4.00
	5240	48	be (20MHz)	26	8	MCS5	6.87	11.0	-4.13
	5190	38	be (40MHz)	26	17	MCS5	7.22	11.0	-3.78
	5230	46	be (40MHz)	26	8	MCS5	7.26	11.0	-3.74
	5210	42	be (80MHz)	26	0	MCS5	7.25	11.0	-3.75
Band 1/2A	5250	50	be (160MHz)	52	37	MCS5	5.59	11.0	-5.42
Band 2A	5260	52	be (20MHz)	52	37	MCS5	7.04	11.0	-3.96
	5280	60	be (20MHz)	52	40	MCS5	7.08	11.0	-3.92
	5320	64	be (20MHz)	52	37	MCS5	7.42	11.0	-3.58
	5270	54	be (40MHz)	52	40	MCS5	7.12	11.0	-3.88
	5310	62	be (40MHz)	52	37	MCS5	7.25	11.0	-3.75
	5290	58	be (80MHz)	52	37	MCS5	7.17	11.0	-3.83
Band 2C	5500	100	be (20MHz)	52	37	MCS5	7.24	11.0	-3.76
	5580	116	be (20MHz)	52	37	MCS5	7.25	11.0	-3.75
	5720	144	be (20MHz)	52	37	MCS5	7.31	11.0	-3.69
	5510	102	be (40MHz)	52	40	MCS5	6.86	11.0	-4.14
	5550	110	be (40MHz)	52	40	MCS5	7.64	11.0	-3.36
	*5590	118	be (40MHz)	52	40	MCS5	7.71	11.0	-3.29
	5670	134	be (40MHz)	52	44	MCS5	7.49	11.0	-3.51
	5710	142	be (40MHz)	52	37	MCS5	7.52	11.0	-3.48
	5530	106	be (80MHz)	52	44	MCS5	7.07	11.0	-3.93
	*5610	122	be (80MHz)	52	37	MCS5	7.75	11.0	-3.25
	5690	138	be (80MHz)	52	37	MCS5	7.56	11.0	-3.44
	*5570	114	be (160MHz)	52	52	MCS5	5.66	11.0	-5.34

Table 7-149. Bands 1, 2A, 2C Power Spectral Density Measurements Antenna 4a (RU26)

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

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 96 of 374

V 11.0 5/2025

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	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	be (20MHz)	52+26	71	MCS5	7.14	11.00	-3.86
	5200	40	be (20MHz)	52+26	71	MCS5	7.18	11.00	-3.82
	5240	48	be (20MHz)	52+26	71	MCS5	7.00	11.00	-4.00
	5180	36	be (20MHz)	106+26	82	MCS5	6.13	11.00	-4.87
	5200	40	be (20MHz)	106+26	82	MCS5	7.19	11.00	-3.81
	5240	48	be (20MHz)	106+26	83	MCS5	6.99	11.00	-4.01
Band 1/2A	5210	42	be (80MHz)	484+242	90	MCS5	-3.16	11.00	-14.16
	5250	50 (L)	be (160MHz)	996+484	95	MCS5	-7.82	11.00	-18.82
	5250	50 (L)	be (160MHz)	996+484+242	96	MCS5	-8.54	11.00	-19.54
	5250	50 (U)	be (160MHz)	996+484	94	MCS5	-7.91	11.00	-18.91
Band 2A	5250	50 (U)	be (160MHz)	996+484+242	96	MCS5	-8.15	11.00	-19.15
	5260	52	be (20MHz)	52+26	71	MCS5	7.03	11.00	-3.97
	5280	60	be (20MHz)	52+26	72	MCS5	7.18	11.00	-3.82
	5320	64	be (20MHz)	52+26	71	MCS5	7.25	11.00	-3.75
	5260	52	be (20MHz)	106+26	83	MCS5	7.03	11.00	-3.97
	5280	60	be (20MHz)	106+26	82	MCS5	7.03	11.00	-3.97
	5320	64	be (20MHz)	106+26	83	MCS5	6.86	11.00	-4.14
	5290	58	be (80MHz)	484+242	90	MCS5	-2.30	11.00	-13.30
Band 2C	5500	100	be (20MHz)	52+26	71	MCS5	7.26	11.00	-3.74
	5580	116	be (20MHz)	52+26	71	MCS5	7.53	11.00	-3.47
	5720	144	be (20MHz)	52+26	71	MCS5	7.28	11.00	-3.72
	5500	100	be (20MHz)	106+26	83	MCS5	4.54	11.00	-6.46
	5580	116	be (20MHz)	106+26	83	MCS5	7.44	11.00	-3.56
	5720	144	be (20MHz)	106+26	82	MCS5	7.21	11.00	-3.79
	5530	106	be (80MHz)	484+242	90	MCS5	-3.47	11.00	-14.47
	*5610	122	be (80MHz)	484+242	91	MCS5	1.76	11.00	-9.24
	5690	138	be (80MHz)	484+242	91	MCS5	2.90	11.00	-8.10
	*5570	114 (L)	be (160MHz)	996+484	95	MCS5	-7.68	11.00	-18.68
	*5570	114 (H)	be (160MHz)	996+484+242	96	MCS5	-8.50	11.00	-19.50
	*5570	114 (L)	be (160MHz)	996+484	95	MCS5	-7.68	11.00	-18.68
	*5570	114 (H)	be (160MHz)	996+484+242	96	MCS5	-8.50	11.00	-19.50

Table 7-150. Bands 1, 2A, 2C Power Spectral Density Measurements Antenna 4a (MRU)

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

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 97 of 374

V 11.0 5/2025

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	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	be (20MHz)	242	61	MCS5	3.29	11.0	-7.71
	5200	40	be (20MHz)	242	61	MCS5	6.86	11.0	-4.14
	5240	48	be (20MHz)	242	61	MCS5	6.75	11.0	-4.25
	5190	38	be (40MHz)	484	65	MCS5	-2.14	11.0	-13.14
	5230	46	be (40MHz)	484	65	MCS5	3.94	11.0	-7.06
	5210	42	be (80MHz)	996	67	MCS5	-5.33	11.0	-16.33
Band 1/2A	5250	50	be (160MHz)	996x2	68	MCS5	-8.91	11.0	-19.91
Band 2A	5260	52	be (20MHz)	242	61	MCS5	6.86	11.0	-4.14
	5280	60	be (20MHz)	242	61	MCS5	6.79	11.0	-4.21
	5320	64	be (20MHz)	242	61	MCS5	4.20	11.0	-6.80
	5270	54	be (40MHz)	484	65	MCS5	4.18	11.0	-6.82
	5310	62	be (40MHz)	484	65	MCS5	-1.28	11.0	-12.28
	5290	58	be (80MHz)	996	67	MCS5	-4.37	11.0	-15.37
Band 2C	5500	100	be (20MHz)	242	61	MCS5	2.61	11.0	-8.39
	5580	116	be (20MHz)	242	61	MCS5	6.87	11.0	-4.13
	5720	144	be (20MHz)	242	61	MCS5	6.80	11.0	-4.20
	5510	102	be (40MHz)	484	65	MCS5	-2.41	11.0	-13.41
	5550	110	be (40MHz)	484	65	MCS5	3.95	11.0	-7.06
	*5590	118	be (40MHz)	484	65	MCS5	4.05	11.0	-6.95
	5670	134	be (40MHz)	484	65	MCS5	1.04	11.0	-9.96
	5710	142	be (40MHz)	484	65	MCS5	3.88	11.0	-7.12
	5530	106	be (80MHz)	996	67	MCS5	-5.46	11.0	-16.46
	*5610	122	be (80MHz)	996	67	MCS5	0.92	11.0	-10.08
	5690	138	be (80MHz)	996	67	MCS5	0.99	11.0	-10.01
	*5570	114	be (160MHz)	996x2	68	MCS5	-8.56	11.0	-19.56

Table 7-151. Bands 1, 2A, 2C Power Spectral Density Measurements Antenna 4a (Full Loaded RU)

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

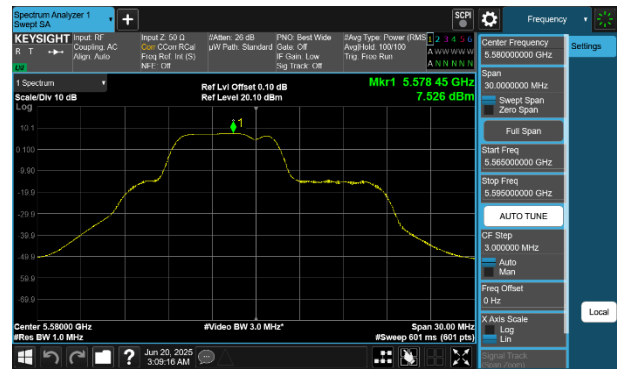
FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 98 of 374

V 11.0 5/2025

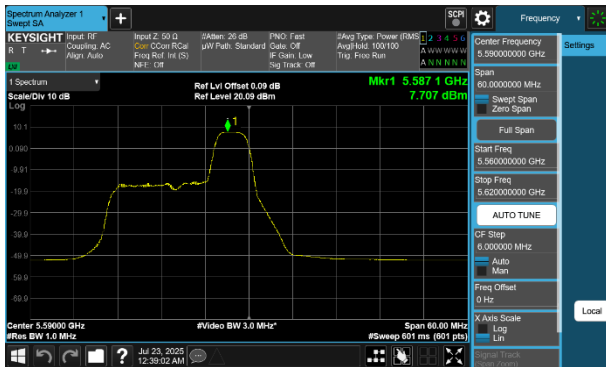
Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry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



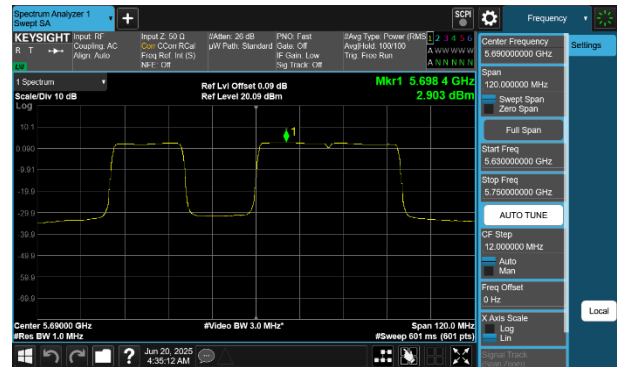
Plot 7-88 PSD Antenna 4a (20MHz BW 802.11be(RU) RU52 Index37 - Ch.64)



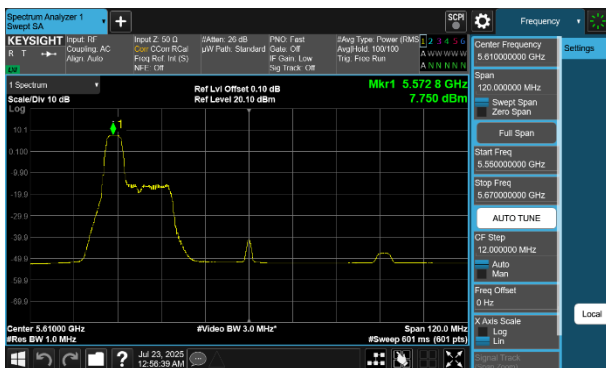
Plot 7-92 PSD Antenna 4a (20MHz BW 802.11be(RU) RU52+26 Index71 - Ch.116)



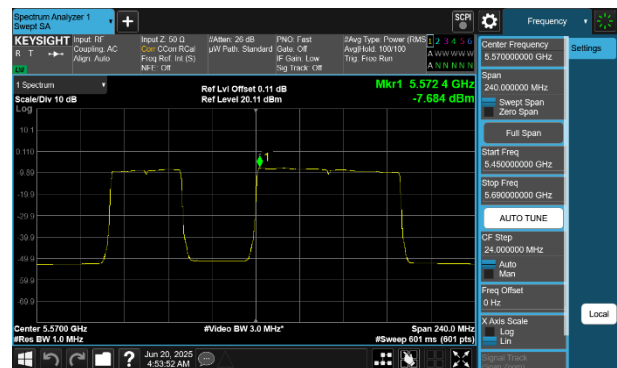
Plot 7-89 PSD Antenna 4a (40MHz BW 802.11be(RU) RU52 Index40 - Ch.118)



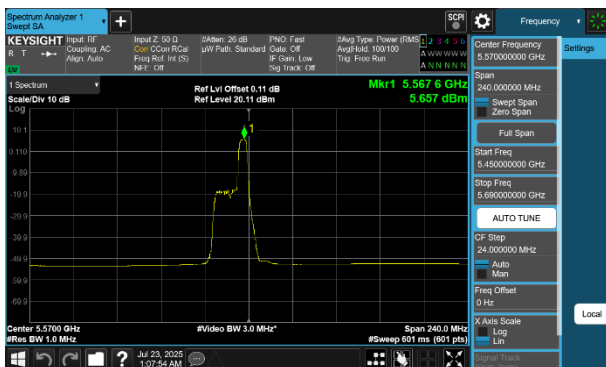
Plot 7-93 PSD Antenna 4a (80MHz BW 802.11be(RU) RU484+242 Index91 - Ch.138)



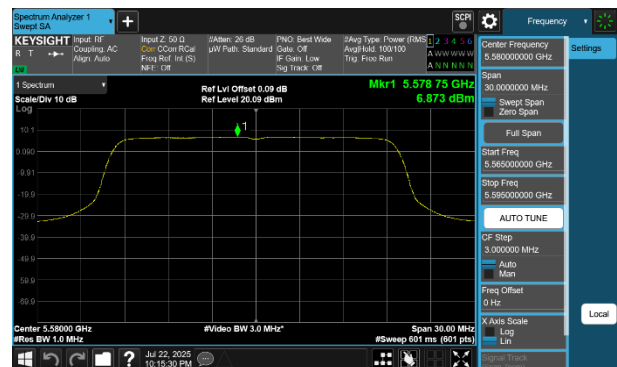
Plot 7-90 PSD Antenna 4a (80MHz BW 802.11be(RU) RU52 Index37 - Ch.122)



Plot 7-94 PSD Antenna 4a (160MHz BW 802.11be(RU) RU996+484 Index95 - Ch.114)

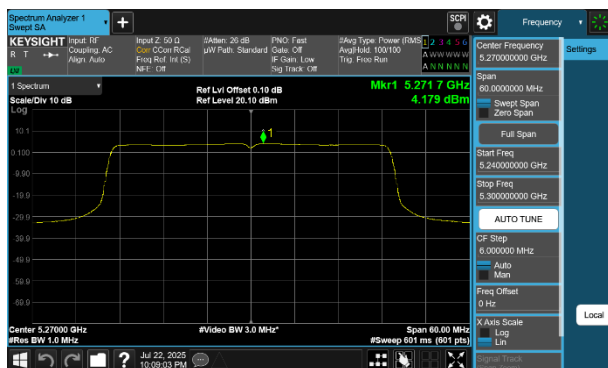


Plot 7-91 PSD Antenna 4a (160MHz BW 802.11be(RU) RU52 Index52 - Ch.114)



Plot 7-95 PSD Antenna 4a (20MHz BW 802.11be(RU) RU242 Index61 - Ch.116)

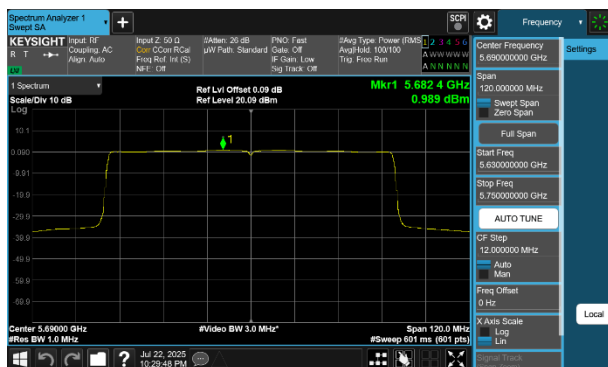
FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 99 of 374



Plot 7-96 PSD Antenna 4a (40MHz BW 802.11be(RU) RU484 Index65 - Ch.54)



Plot 7-98 PSD Antenna 4a (160MHz BW 802.11be(RU) RU996X2 Index68 - Ch.114)



Plot 7-97 PSD Antenna 4a (80MHz BW 802.11be(RU) RU996 Index67 - Ch.138)

FCC ID: BCGA3358 IC: 579C-A3358			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device		Page 100 of 374

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 3	5180	149	be (20MHz)	26	8	MCS5	4.49	30.0	-25.51
	5200	157	be (20MHz)	26	8	MCS5	4.33	30.0	-25.67
	5240	165	be (20MHz)	26	0	MCS5	4.28	30.0	-25.72
	5190	151	be (40MHz)	26	8	MCS5	4.42	30.0	-25.58
	5230	159	be (40MHz)	26	0	MCS5	4.24	30.0	-25.76
	5210	155	be (80MHz)	26	0	MCS5	4.28	30.0	-25.72

Table 7-152. Band 3 Power Spectral Density Measurements Antenna 4a (RU26)

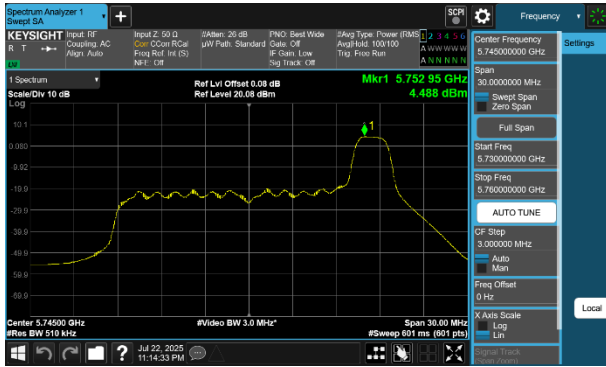
	Frequency [MHz]	Channel No.	802.11 MODE	RU Size	RU Index	Data Rate	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	be (20MHz)	52+26	71	MCS5	4.42	30.0	-25.58
	5785	157	be (20MHz)	52+26	72	MCS5	4.52	30.0	-25.48
	5825	165	be (20MHz)	52+26	71	MCS5	4.35	30.0	-25.65
	5745	149	be (20MHz)	106+26	82	MCS5	4.25	30.0	-25.75
	5785	157	be (20MHz)	106+26	82	MCS5	4.13	30.0	-25.87
	5825	165	be (20MHz)	106+26	82	MCS5	4.11	30.0	-25.89
	5775	155	be (80MHz)	484+242	92	MCS5	-3.05	30.0	-33.05

Table 7-153. Band 3 Power Spectral Density Measurements Antenna 4a (MRU)

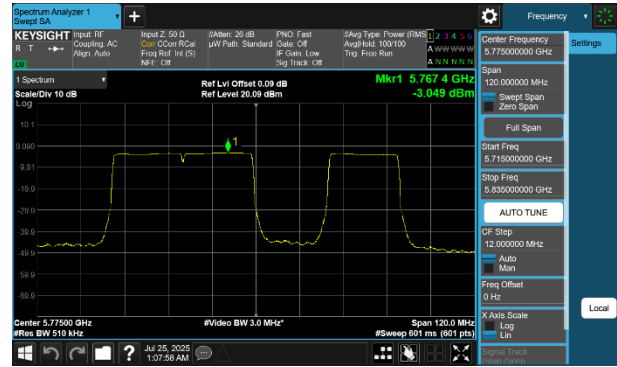
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	be (20MHz)	242	61	MCS5	3.83	30.0	-26.17
	5785	157	be (20MHz)	242	61	MCS5	4.09	30.0	-25.91
	5825	165	be (20MHz)	242	61	MCS5	3.79	30.0	-26.21
	5755	151	be (40MHz)	484	65	MCS5	1.24	30.0	-28.77
	5795	159	be (40MHz)	484	65	MCS5	1.16	30.0	-28.84
	5775	155	be (80MHz)	996	67	MCS5	-4.50	30.0	-34.50

Table 7-154. Band 3 Power Spectral Density Measurements Antenna 4a (Fully-loaded RU)

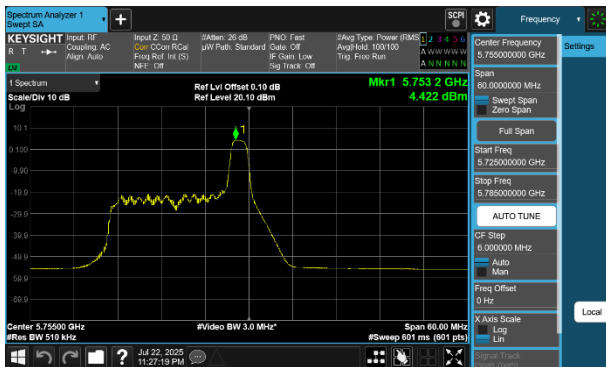
FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 101 of 374



Plot 7-99 PSD Antenna 4a (20MHz BW 802.11be(RU) RU26 Index8 - Ch.149)



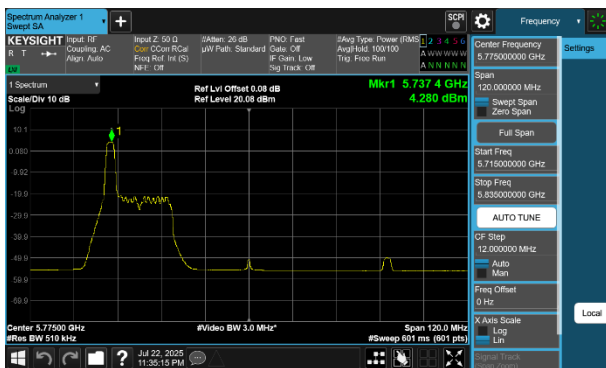
Plot 7-103 PSD Antenna 4a (80MHz BW 802.11be(RU) RU484+242 Index92 - Ch.155)



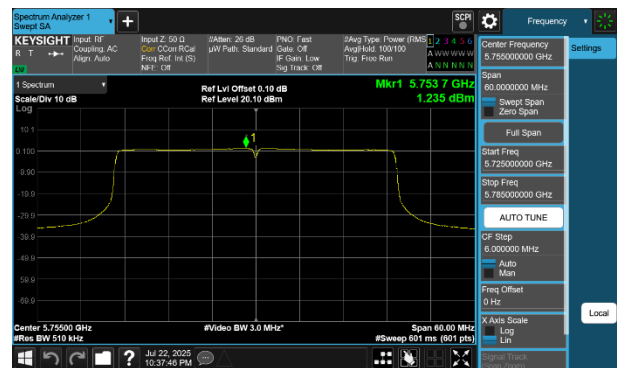
Plot 7-100 PSD Antenna 4a (40MHz BW 802.11be(RU) RU26 Index8 - Ch.151)



Plot 7-104 PSD Antenna 4a (20MHz BW 802.11be(RU) RU242 Index61 - Ch.157)



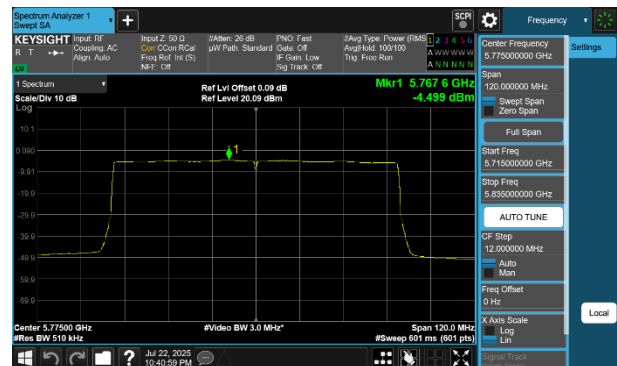
Plot 7-101 PSD Antenna 4a (80MHz BW 802.11be(RU) RU26 Index0 - Ch.155)



Plot 7-105 PSD Antenna 4a (40MHz BW 802.11be(RU) RU484 Index65 - Ch.151)



Plot 7-102 PSD Antenna 4a (20MHz BW 802.11be(RU) RU52+26 Index72 - Ch.157)



Plot 7-106 PSD Antenna 4a (80MHz BW 802.11be(RU) RU996 Index67 - Ch.155)

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 102 of 374

	Frequency [MHz]	Channel No.	802.11 MODE	RU Size	RU Index	Data Rate	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	be (20MHz)	26	0	MCS5	6.92	-0.90	6.02	10.0	-3.98
	5200	40	be (20MHz)	26	0	MCS5	7.01	-0.90	6.11	10.0	-3.98
	5240	48	be (20MHz)	26	8	MCS5	6.85	-0.90	5.95	10.0	-4.05
	5190	38	be (20MHz)	26	17	MCS5	7.17	-0.90	6.27	10.0	-3.73
	5230	46	be (20MHz)	26	0	MCS5	7.25	-0.90	6.35	10.0	-3.65
	5210	42	be (20MHz)	26	0	MCS5	7.01	-0.90	6.11	10.0	-3.89
Band 1/2A	5250	50	be (160MHz)	52	52	MCS5	5.85	-0.40	5.45	10.0	-4.55

Table 7-155. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 4a (RU26)

	Frequency [MHz]	Channel No.	802.11 MODE	RU Size	RU Index	Data Rate	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	be (20MHz)	52+26	71	MCS5	7.82	-0.90	6.92	10	-3.08
	5200	40	be (20MHz)	52+26	71	MCS5	8.05	-0.90	7.15	10	-2.86
	5240	48	be (20MHz)	52+26	72	MCS5	7.52	-0.90	6.62	10	-3.38
	5180	36	be (20MHz)	106+26	82	MCS5	6.66	-0.90	5.76	10	-4.24
	5200	40	be (20MHz)	106+26	83	MCS5	7.85	-0.90	6.95	10	-3.05
	5240	48	be (20MHz)	106+26	83	MCS5	7.59	-0.90	6.69	10	-3.31
Band 1/2A	5210	42	be (80MHz)	484+242	90	MCS5	-2.28	-0.90	-3.18	10	-13.18
	5250	50 (L)	be (160MHz)	996+484	95	MCS5	-7.82	-0.40	-8.22	10	-18.22
	5250	50 (L)	be (160MHz)	996+484+242	96	MCS5	-8.54	-0.40	-8.94	10	-18.94
	5250	50 (U)	be (160MHz)	996+484	94	MCS5	-7.91	-0.40	-8.31	10	-18.31
	5250	50 (U)	be (160MHz)	996+484+242	96	MCS5	-8.15	-0.40	-8.55	10	-18.55

Table 7-156. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 4a (MRU)

	Frequency [MHz]	Channel No.	802.11 MODE	RU Size	RU Index	Data Rate	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	be (20MHz)	242	61	MCS5	2.65	-0.90	1.75	10.0	-8.25
	5200	40	be (20MHz)	242	61	MCS5	4.86	-0.90	3.96	10.0	-6.04
	5240	48	be (20MHz)	242	61	MCS5	6.66	-0.90	5.76	10.0	-4.24
	5190	38	be (20MHz)	484	65	MCS5	-2.39	-0.90	-3.29	10.0	-13.29
	5230	46	be (20MHz)	484	65	MCS5	3.79	-0.90	2.89	10.0	-7.11
	5210	42	be (20MHz)	996	67	MCS5	-5.52	-0.90	-6.42	10.0	-16.42
Band 1/2A	5250	50	be (160MHz)	996	68	MCS5	-9.58	-0.40	-9.98	10.0	-19.98

Table 7-157. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 4a (Fully-loaded RU)

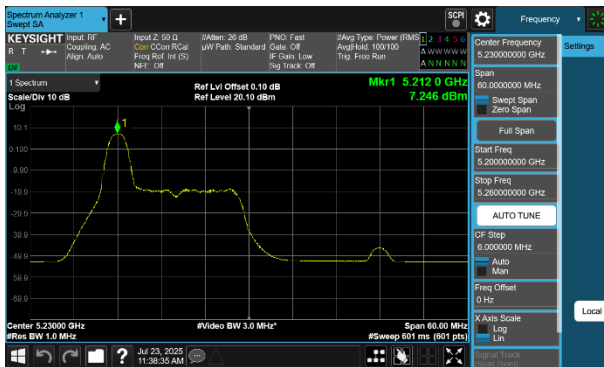
FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 103 of 374



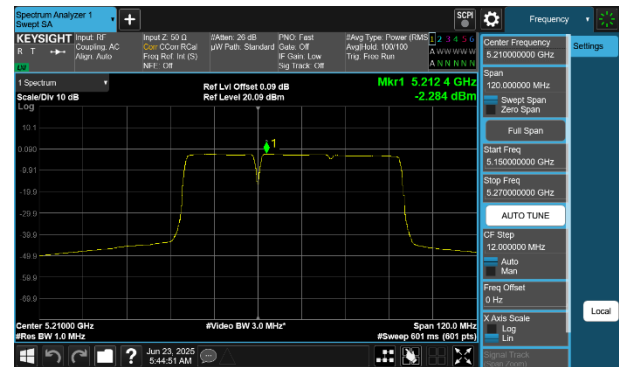
Plot 7-107 PSD Antenna 4a (20MHz BW 802.11be(RU) RU26 Index0 - Ch.40)



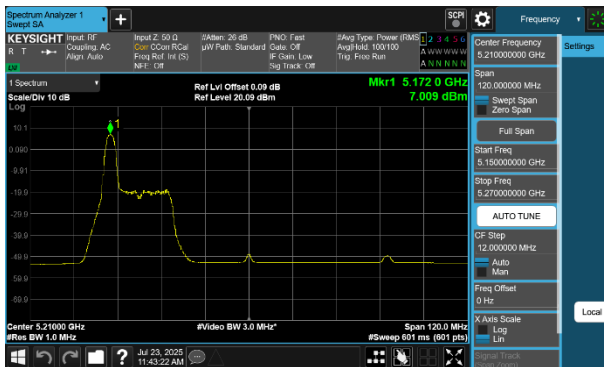
Plot 7-111 PSD Antenna 4a (20MHz BW 802.11be(RU) RU52+26 Index71 - Ch.40)



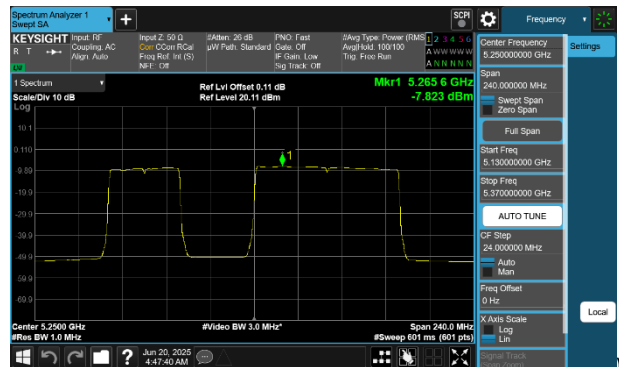
Plot 7-108 PSD Antenna 4a (40MHz BW 802.11be(RU) RU26 Index0 - Ch.46)



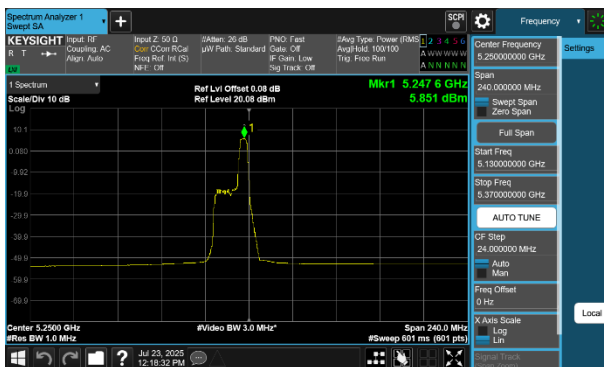
Plot 7-112 PSD Antenna 4a (80MHz BW 802.11be(RU) RU484+242 Index90 - Ch.42)



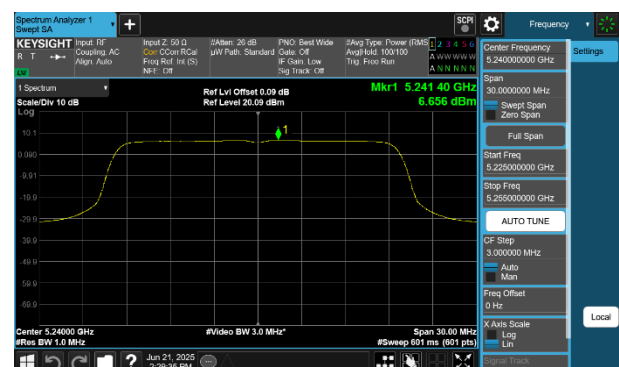
Plot 7-109 PSD Antenna 4a (80MHz BW 802.11be(RU) RU26 Index0 - Ch.42)



Plot 7-113 PSD Antenna 4a (160MHz BW 802.11be(RU) RU996+484 Index95 - Ch.50)



Plot 7-110 PSD Antenna 4a (160MHz BW 802.11be(RU) RU52 Index52 - Ch.50)



Plot 7-114 PSD Antenna 4a (20MHz BW 802.11be(RU) RU242 Index61 - Ch.48)

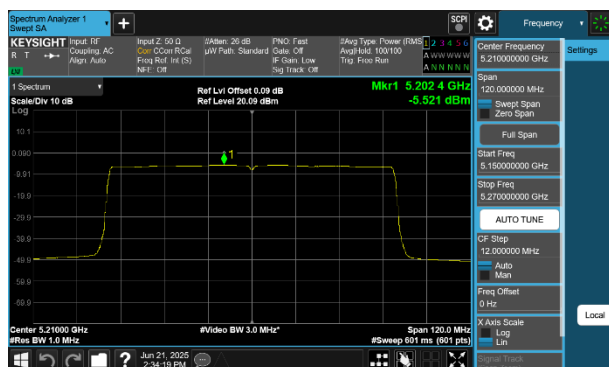
FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device		Page 104 of 374



Plot 7-115 PSD Antenna 4a (40MHz BW 802.11be(RU) RU484 Index65 - Ch.46)



Plot 7-117 PSD Antenna 4a (160MHz BW 802.11be(RU) RU996X2 Index68 - Ch.50)



Plot 7-116 PSD Antenna 4a (80MHz BW 802.11be(RU) RU996 Index67 - Ch.42)

FCC ID: BCGA3358 IC: 579C-A3358			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device		Page 105 of 374

7.5.3 Antenna 2a Power Spectral Density Measurements

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	be (20MHz)	26	0	MCS5	6.06	11.0	-4.94
	5200	40	be (20MHz)	26	0	MCS5	5.89	11.0	-5.11
	5240	48	be (20MHz)	26	0	MCS5	5.86	11.0	-5.14
	5190	38	be (40MHz)	26	0	MCS5	6.12	11.0	-4.88
	5230	46	be (40MHz)	26	0	MCS5	5.86	11.0	-5.14
	5210	42	be (80MHz)	26	0	MCS5	6.00	11.0	-5.00
Band 1/2A	5250	50	be (160MHz)	52	37	MCS5	6.23	11.0	-4.77
Band 2A	5260	52	be (20MHz)	52	40	MCS5	6.38	11.0	-4.62
	5280	60	be (20MHz)	52	40	MCS5	6.29	11.0	-4.71
	5320	64	be (20MHz)	52	40	MCS5	6.19	11.0	-4.81
	5270	54	be (40MHz)	52	40	MCS5	6.76	11.0	-4.24
	5310	62	be (40MHz)	52	40	MCS5	6.81	11.0	-4.19
	5290	58	be (80MHz)	52	52	MCS5	6.66	11.0	-4.34
Band 2C	5500	100	be (20MHz)	52	37	MCS5	6.05	11.0	-4.95
	5580	116	be (20MHz)	52	40	MCS5	5.94	11.0	-5.06
	5720	144	be (20MHz)	52	37	MCS5	6.26	11.0	-4.74
	5510	102	be (40MHz)	52	37	MCS5	6.72	11.0	-4.28
	5550	110	be (40MHz)	52	40	MCS5	6.58	11.0	-4.42
	*5590	118	be (40MHz)	52	44	MCS5	6.60	11.0	-4.40
	5670	134	be (40MHz)	52	37	MCS5	6.74	11.0	-4.26
	5710	142	be (40MHz)	52	44	MCS5	6.88	11.0	-4.12
	5530	106	be (80MHz)	52	37	MCS5	6.57	11.0	-4.43
	*5610	122	be (80MHz)	52	44	MCS5	6.65	11.0	-4.35
	5690	138	be (80MHz)	52	37	MCS5	6.84	11.0	-4.17
	*5570	114	be (160MHz)	52	52	MCS5	5.62	11.0	-5.38

Table 7-158. Bands 1, 2A, 2C Power Spectral Density Measurements Antenna 2a (RU26)

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

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 106 of 374

V 11.0 5/2025

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	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	be (20MHz)	52+26	71	MCS5	6.93	11.00	-4.07
	5200	40	be (20MHz)	52+26	71	MCS5	6.75	11.00	-4.25
	5240	48	be (20MHz)	52+26	71	MCS5	6.65	11.00	-4.35
	5180	36	be (20MHz)	106+26	83	MCS5	6.84	11.00	-4.16
	5200	40	be (20MHz)	106+26	83	MCS5	6.85	11.00	-4.15
	5240	48	be (20MHz)	106+26	83	MCS5	6.76	11.00	-4.24
Band 1/2A	5210	42	be (80MHz)	484+242	90	MCS5	-2.98	11.00	-13.98
	5250	50 (L)	be (160MHz)	996+484	95	MCS5	-6.99	11.00	-17.99
	5250	50 (L)	be (160MHz)	996+484+242	96	MCS5	-7.95	11.00	-18.95
	5250	50 (U)	be (160MHz)	996+484	94	MCS5	-7.06	11.00	-18.06
Band 2A	5250	50 (U)	be (160MHz)	996+484+242	98	MCS5	-7.93	11.00	-18.93
	5260	52	be (20MHz)	52+26	72	MCS5	6.69	11.00	-4.31
	5280	60	be (20MHz)	52+26	72	MCS5	6.93	11.00	-4.07
	5320	64	be (20MHz)	52+26	71	MCS5	7.07	11.00	-3.93
	5260	52	be (20MHz)	106+26	82	MCS5	6.63	11.00	-4.37
	5280	60	be (20MHz)	106+26	83	MCS5	6.81	11.00	-4.19
	5320	64	be (20MHz)	106+26	83	MCS5	6.90	11.00	-4.10
	5290	58	be (80MHz)	484+242	92	MCS5	-3.91	11.00	-14.91
Band 2C	5500	100	be (20MHz)	52+26	72	MCS5	6.71	11.00	-4.29
	5580	116	be (20MHz)	52+26	71	MCS5	6.71	11.00	-4.29
	5720	144	be (20MHz)	52+26	71	MCS5	6.60	11.00	-4.40
	5500	100	be (20MHz)	106+26	83	MCS5	4.43	11.00	-6.57
	5580	116	be (20MHz)	106+26	83	MCS5	6.71	11.00	-4.29
	5720	144	be (20MHz)	106+26	83	MCS5	6.63	11.00	-4.37
	5530	106	be (80MHz)	484+242	90	MCS5	-5.08	11.00	-16.08
	*5610	122	be (80MHz)	484+242	92	MCS5	-0.36	11.00	-11.36
	5690	138	be (80MHz)	484+242	91	MCS5	1.91	11.00	-9.09
	*5570	114 (L)	be (160MHz)	996+484	95	MCS5	-7.73	11.00	-18.73
	*5570	114 (H)	be (160MHz)	996+484+242	96	MCS5	-8.51	11.00	-19.51
	*5570	114 (L)	be (160MHz)	996+484	95	MCS5	-7.73	11.00	-18.73
	*5570	114 (H)	be (160MHz)	996+484+242	96	MCS5	-8.51	11.00	-19.51

Table 7-159. Bands 1, 2A, 2C Power Spectral Density Measurements Antenna 2a (MRU)

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

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 107 of 374

V 11.0 5/2025

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	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	be (20MHz)	242	61	MCS5	3.11	11.0	-7.89
	5200	40	be (20MHz)	242	61	MCS5	4.96	11.0	-6.04
	5240	48	be (20MHz)	242	61	MCS5	5.62	11.0	-5.38
	5190	38	be (40MHz)	484	65	MCS5	-2.36	11.0	-13.36
	5230	46	be (40MHz)	484	65	MCS5	2.63	11.0	-8.37
	5210	42	be (80MHz)	996	67	MCS5	-5.44	11.0	-16.44
Band 1/2A	5250	50	be (160MHz)	996x2	68	MCS5	-9.57	11.0	-20.57
Band 2A	5260	52	be (20MHz)	242	61	MCS5	5.54	11.0	-5.46
	5280	60	be (20MHz)	242	61	MCS5	4.93	11.0	-6.07
	5320	64	be (20MHz)	242	61	MCS5	3.98	11.0	-7.02
	5270	54	be (40MHz)	484	65	MCS5	2.52	11.0	-8.48
	5310	62	be (40MHz)	484	65	MCS5	-2.36	11.0	-13.36
	5290	58	be (80MHz)	996	67	MCS5	-4.48	11.0	-15.48
Band 2C	5500	100	be (20MHz)	242	61	MCS5	3.06	11.0	-7.94
	5580	116	be (20MHz)	242	61	MCS5	5.44	11.0	-5.56
	5720	144	be (20MHz)	242	61	MCS5	5.60	11.0	-5.40
	5510	102	be (40MHz)	484	65	MCS5	-3.55	11.0	-14.55
	5550	110	be (40MHz)	484	65	MCS5	0.51	11.0	-10.49
	*5590	118	be (40MHz)	484	65	MCS5	2.47	11.0	-8.53
	5670	134	be (40MHz)	484	65	MCS5	-0.31	11.0	-11.31
	5710	142	be (40MHz)	484	65	MCS5	2.77	11.0	-8.23
	5530	106	be (80MHz)	996	67	MCS5	-5.76	11.0	-16.76
	*5610	122	be (80MHz)	996	67	MCS5	-3.01	11.0	-14.01
	5690	138	be (80MHz)	996	67	MCS5	-0.42	11.0	-11.42
	*5570	114	be (160MHz)	996x2	68	MCS5	-10.07	11.0	-21.07

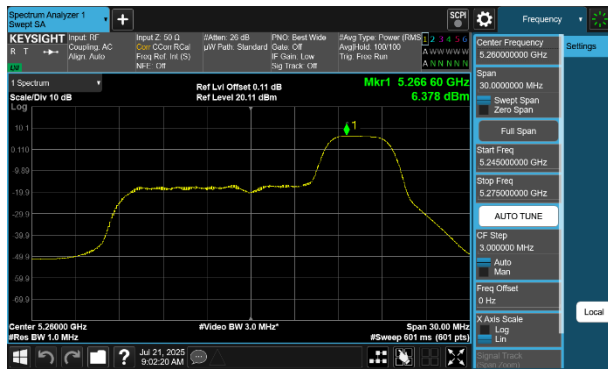
Table 7-160. Bands 1, 2A, 2C Power Spectral Density Measurements Antenna 2a (Full Loaded RU)

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

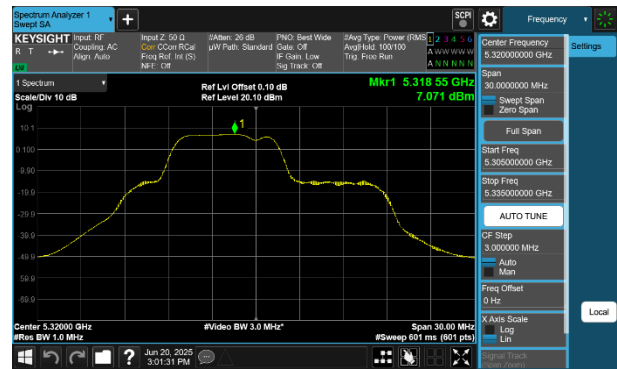
FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 108 of 374

V 11.0 5/2025

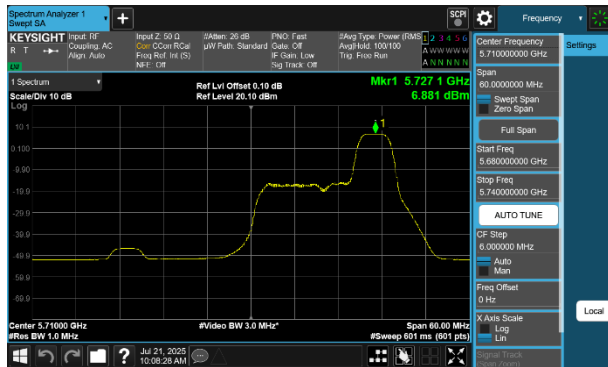
Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry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



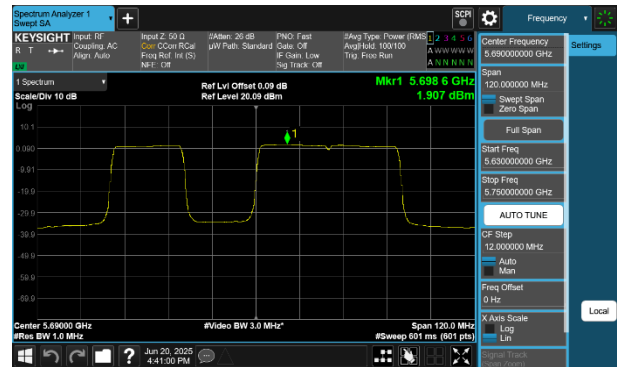
Plot 7-118 PSD Antenna 2a (20MHz BW 802.11be(RU) RU52 Index40 - Ch.52)



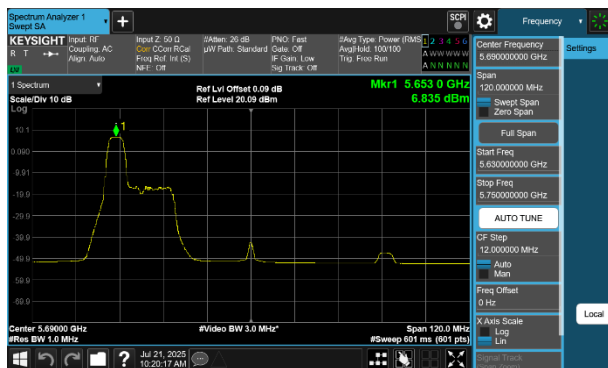
Plot 7-122 PSD Antenna 2a (20MHz BW 802.11be(RU) RU52+26 Index71 - Ch.64)



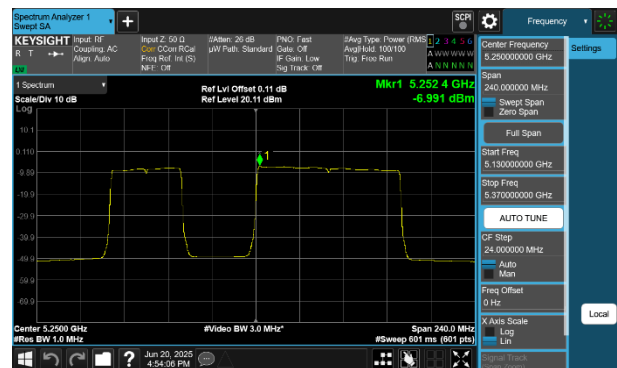
Plot 7-119 PSD Antenna 2a (40MHz BW 802.11be(RU) RU52 Index44 - Ch.142)



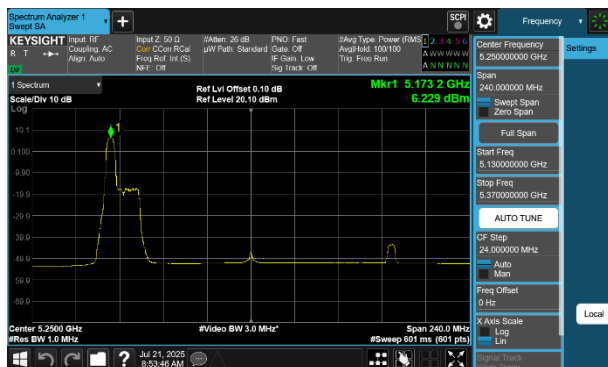
Plot 7-123 PSD Antenna 2a (80MHz BW 802.11be(RU) RU484+242 Index91 - Ch.138)



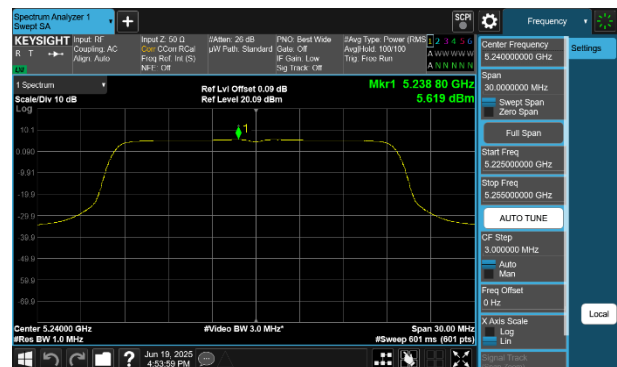
Plot 7-120 PSD Antenna 2a (80MHz BW 802.11be(RU) RU52 Index37 - Ch.138)



Plot 7-124 PSD Antenna 2a (160MHz BW 802.11be(RU) RU996+484 Index95 - Ch.50)



Plot 7-121 PSD Antenna 2a (160MHz BW 802.11be(RU) RU52 Index37 - Ch.50)



Plot 7-125 PSD Antenna 2a (20MHz BW 802.11be(RU) RU242 Index61 - Ch.48)

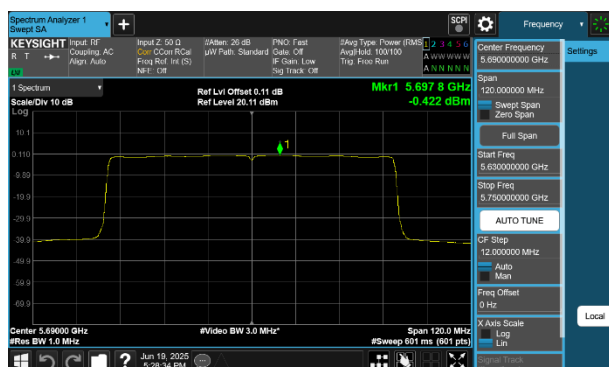
FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 109 of 374



Plot 7-126 PSD Antenna 2a (40MHz BW 802.11be(RU) RU484 Index65 - Ch.142)



Plot 7-128 PSD Antenna 2a (160MHz BW 802.11be(RU) RU996X2 Index68 - Ch.50)



Plot 7-127 PSD Antenna 2a (80MHz BW 802.11be(RU) RU996 Index67 - Ch.138)

FCC ID: BCGA3358 IC: 579C-A3358			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device		Page 110 of 374

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 3	5180	149	be (20MHz)	26	8	MCS5	3.19	30.0	-26.81
	5200	157	be (20MHz)	26	0	MCS5	3.03	30.0	-26.97
	5240	165	be (20MHz)	26	0	MCS5	3.02	30.0	-26.98
	5190	151	be (40MHz)	26	17	MCS5	3.27	30.0	-26.73
	5230	159	be (40MHz)	26	8	MCS5	3.30	30.0	-26.70
	5210	155	be (80MHz)	26	17	MCS5	3.19	30.0	-26.81

Table 7-161. Band 3 Power Spectral Density Measurements Antenna 2a (RU26)

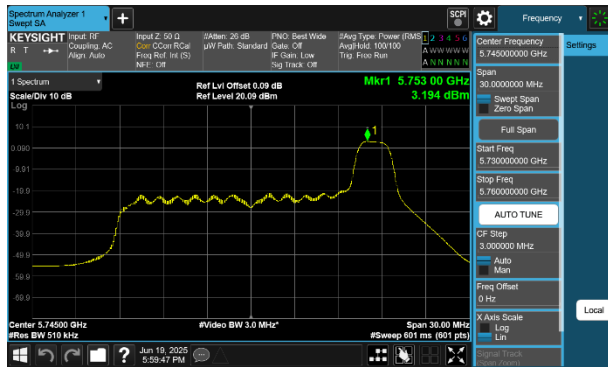
	Frequency [MHz]	Channel No.	802.11 MODE	RU Size	RU Index	Data Rate	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	be (20MHz)	52+26	71	MCS5	3.63	30.0	-26.37
	5785	157	be (20MHz)	52+26	71	MCS5	3.65	30.0	-26.36
	5825	165	be (20MHz)	52+26	72	MCS5	3.79	30.0	-26.21
	5745	149	be (20MHz)	106+26	82	MCS5	3.55	30.0	-26.45
	5785	157	be (20MHz)	106+26	82	MCS5	3.59	30.0	-26.41
	5825	165	be (20MHz)	106+26	82	MCS5	3.63	30.0	-26.37
	5775	155	be (80MHz)	484+242	92	MCS5	-3.41	30.0	-33.41

Table 7-162. Band 3 Power Spectral Density Measurements Antenna 2a (MRU)

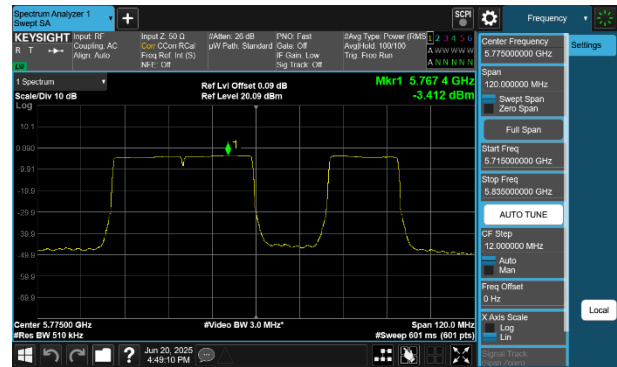
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	be (20MHz)	242	61	MCS5	2.48	30.0	-27.52
	5785	157	be (20MHz)	242	61	MCS5	2.62	30.0	-27.38
	5825	165	be (20MHz)	242	61	MCS5	2.53	30.0	-27.48
	5755	151	be (40MHz)	484	65	MCS5	-0.35	30.0	-30.35
	5795	159	be (40MHz)	484	65	MCS5	-0.28	30.0	-30.28
	5775	155	be (80MHz)	996	67	MCS5	-5.78	30.0	-35.78

Table 7-163. Band 3 Power Spectral Density Measurements Antenna 2a (Fully-loaded RU)

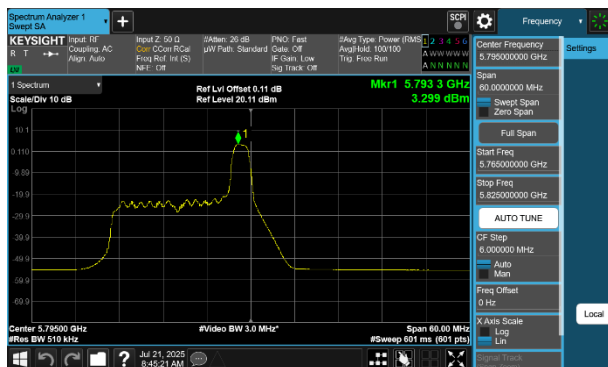
FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 111 of 374



Plot 7-129 PSD Antenna 2a (20MHz BW 802.11be(RU) RU26 Index8 - Ch.149)



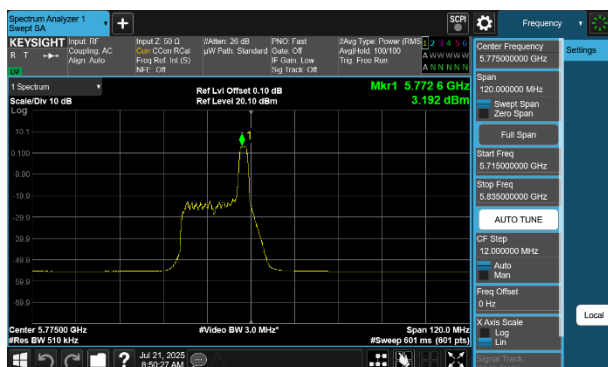
Plot 7-133 PSD Antenna 2a (80MHz BW 802.11be(RU) RU484+242 Index92 - Ch.155)



Plot 7-130 PSD Antenna 2a (40MHz BW 802.11be(RU) RU26 Index8 - Ch.159)



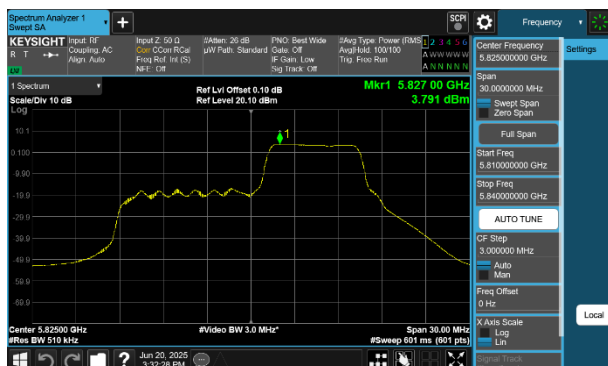
Plot 7-134 PSD Antenna 2a (20MHz BW 802.11be(RU) RU242 Index61 - Ch.157)



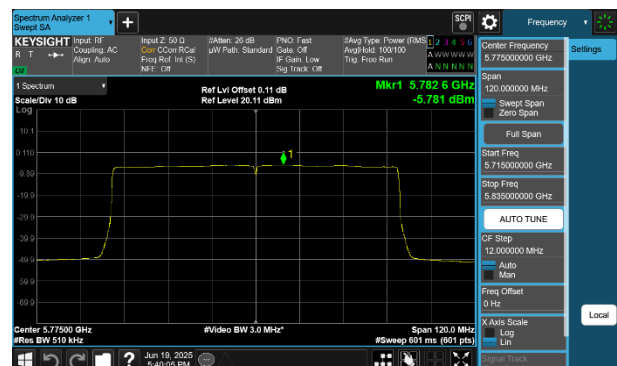
Plot 7-131 PSD Antenna 2a (80MHz BW 802.11be(RU) RU26 Index17 - Ch.155)



Plot 7-135 PSD Antenna 2a (40MHz BW 802.11be(RU) RU484 Index65 - Ch.159)



Plot 7-132 PSD Antenna 2a (20MHz BW 802.11be(RU) RU52+26 Index72 - Ch.165)



Plot 7-136 PSD Antenna 2a (80MHz BW 802.11be(RU) RU996 Index67 - Ch.155)

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 112 of 374

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	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	be (20MHz)	26	8	MCS5	4.29	-1.10	3.19	10.0	-6.81
	5200	40	be (20MHz)	26	0	MCS5	4.32	-1.10	3.22	10.0	-6.78
	5240	48	be (20MHz)	26	0	MCS5	4.21	-1.10	3.11	10.0	-6.89
	5190	38	be (40MHz)	26	0	MCS5	4.92	-1.10	3.82	10.0	-6.18
	5230	46	be (40MHz)	26	17	MCS5	4.78	-1.10	3.68	10.0	-6.32
	5210	42	be (80MHz)	26	0	MCS5	4.86	-1.10	3.76	10.0	-6.24
Band 1/2A	5250	50	be (160MHz)	52	37	MCS5	4.45	0.20	4.65	10.0	-5.35

Table 7-164. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 2a (RU26)

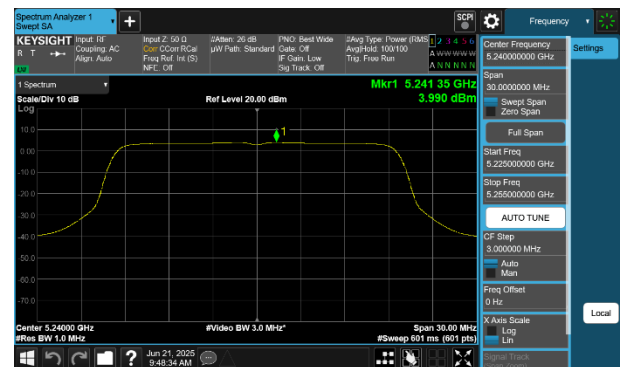
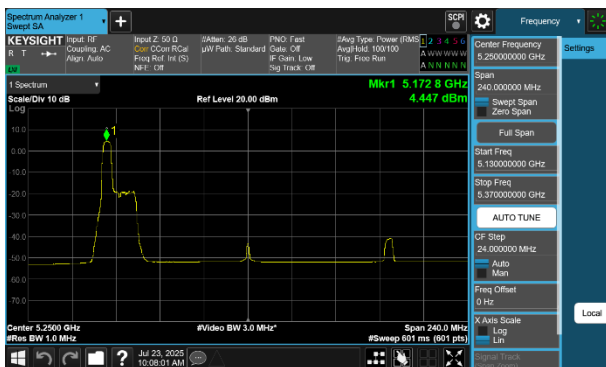
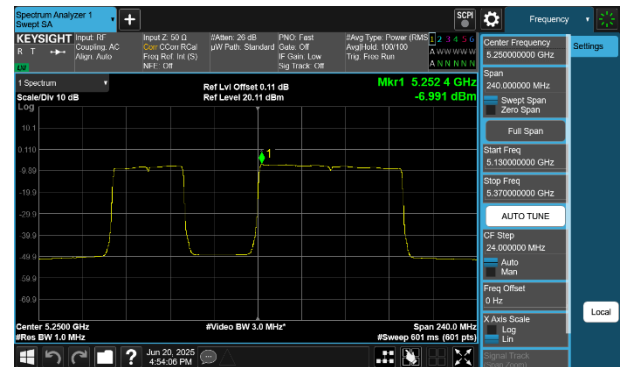
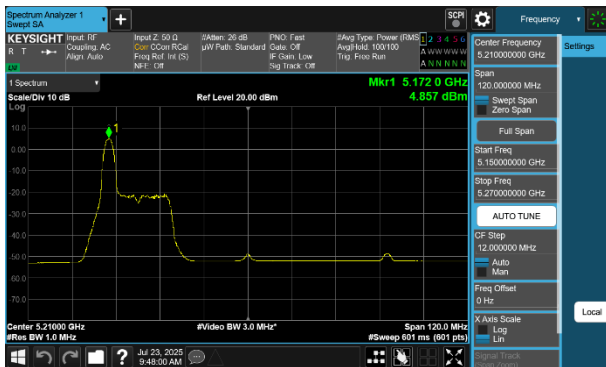
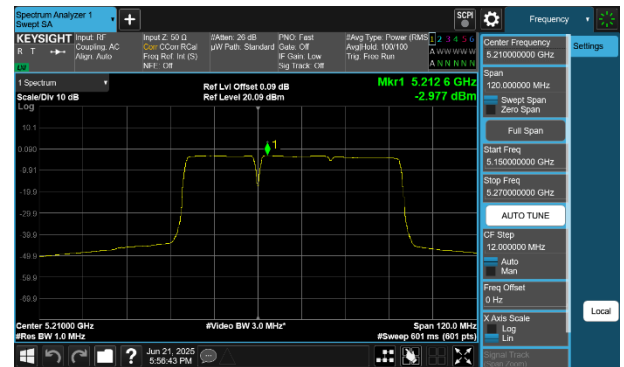
	Frequency [MHz]	Channel No.	802.11 MODE	RU Size	RU Index	Data Rate	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	be (20MHz)	52+26	71	MCS5	5.51	-1.10	4.41	10	-5.59
	5200	40	be (20MHz)	52+26	71	MCS5	5.34	-1.10	4.24	10	-5.76
	5240	48	be (20MHz)	52+26	71	MCS5	5.05	-1.10	3.95	10	-6.05
	5180	36	be (20MHz)	106+26	83	MCS5	3.83	-1.10	2.73	10	-7.28
	5200	40	be (20MHz)	106+26	82	MCS5	4.58	-1.10	3.48	10	-6.53
	5240	48	be (20MHz)	106+26	82	MCS5	5.05	-1.10	3.95	10	-6.05
	5210	42	be (80MHz)	484+242	90	MCS5	-2.98	-1.10	-4.08	10	-14.08
	5250	50 (L)	be (160MHz)	996+484	95	MCS5	-6.99	0.20	-6.79	10	-16.79
Band 1/2A	5250	50 (L)	be (160MHz)	996+484+242	96	MCS5	-7.95	0.20	-7.75	10	-17.75
	5250	50 (U)	be (160MHz)	996+484	94	MCS5	-7.06	0.20	-6.86	10	-16.86
	5250	50 (U)	be (160MHz)	996+484+242	98	MCS5	-7.93	0.20	-7.73	10	-17.73

Table 7-165. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 2a (MRU)

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	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	be (20MHz)	242	61	MCS5	3.41	-1.10	2.31	10.0	-7.69
	5200	40	be (20MHz)	242	61	MCS5	3.58	-1.10	2.48	10.0	-7.52
	5240	48	be (20MHz)	242	61	MCS5	3.99	-1.10	2.89	10.0	-7.11
	5190	38	be (40MHz)	484	65	MCS5	-2.17	-1.10	-3.27	10.0	-13.27
	5230	46	be (40MHz)	484	65	MCS5	2.82	-1.10	1.72	10.0	-8.28
	5210	42	be (80MHz)	996	67	MCS5	-5.31	-1.10	-6.41	10.0	-16.41
Band 1/2A	5250	50	be (160MHz)	996	68	MCS5	-9.50	0.20	-9.30	10.0	-19.30

Table 7-166. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna 2a (Fully-loaded RU)

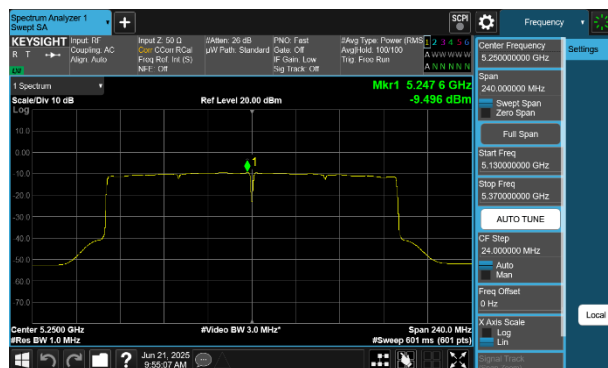
FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 113 of 374



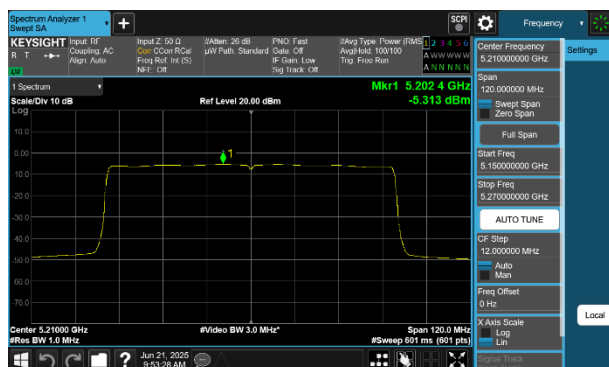
FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG			
	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 114 of 374



Plot 7-145 PSD Antenna 2a (40MHz BW 802.11be(RU) RU484 Index65 - Ch.46)



Plot 7-147 PSD Antenna 2a (160MHz BW 802.11be(RU) RU996X2 Index68 - Ch.50)



Plot 7-146 PSD Antenna 2a (80MHz BW 802.11be(RU) RU996 Index67 - Ch.42)

FCC ID: BCGA3358 IC: 579C-A3358			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device		Page 115 of 374

7.5.4 Summed CDD/SDM Primary Power Spectral Density Measurements

	Frequency [MHz]	Channel	802.11 MODE	Mode	RU Size	RU Index	Data Rate	Antenna WFSB Power Density [dBm/MHz]	Antenna 4a Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	be (20MHz)	CDD	26	0	MCSS	5.40	5.86	8.64	11.0	-5.15
	5200	40	be (20MHz)	CDD	26	8	MCSS	5.64	5.73	8.70	11.0	-5.27
	5240	48	be (20MHz)	CDD	26	8	MCSS	5.39	5.74	8.58	11.0	-5.26
	5190	38	be (40MHz)	CDD	26	8	MCSS	5.20	5.80	8.52	11.0	-5.20
	5230	46	be (40MHz)	CDD	26	17	MCSS	5.39	5.57	8.49	11.0	-5.44
Band 1/2A	5210	42	be (80MHz)	CDD	26	36	MCSS	5.47	5.62	8.56	11.0	-5.38
	5250	50	be (160MHz)	CDD	52	52	MCSS	4.89	5.04	7.97	11.0	-5.96
Band 2A	5260	52	be (20MHz)	CDD	52	40	MCSS	4.67	5.62	8.18	11.0	-5.38
	5280	60	be (20MHz)	CDD	52	40	MCSS	4.92	5.59	8.27	11.0	-5.41
	5320	64	be (20MHz)	CDD	52	37	MCSS	5.39	5.72	8.57	11.0	-5.28
	5270	54	be (40MHz)	CDD	52	37	MCSS	5.44	5.52	8.49	11.0	-5.48
	5310	62	be (40MHz)	CDD	52	40	MCSS	5.16	5.65	8.42	11.0	-5.35
Band 2C	5290	58	be (80MHz)	CDD	52	37	MCSS	5.30	5.36	8.34	11.0	-5.64
	5500	100	be (20MHz)	CDD	52	37	MCSS	4.93	5.69	8.34	11.0	-5.32
	5580	116	be (20MHz)	CDD	52	40	MCSS	5.01	5.46	8.25	11.0	-5.55
	5720	144	be (20MHz)	CDD	52	37	MCSS	5.22	5.63	8.44	11.0	-5.37
	5510	102	be (40MHz)	CDD	52	40	MCSS	4.96	5.84	8.43	11.0	-5.16
	5550	110	be (40MHz)	CDD	52	44	MCSS	5.04	5.89	8.50	11.0	-5.11
	*5590	118	be (40MHz)	CDD	52	40	MCSS	5.18	5.80	8.51	11.0	-5.20
	5670	134	be (40MHz)	CDD	52	44	MCSS	5.42	5.48	8.46	11.0	-5.52
	5710	142	be (40MHz)	CDD	52	40	MCSS	5.33	5.52	8.44	11.0	-5.48
	5530	106	be (80MHz)	CDD	52	37	MCSS	4.95	5.72	8.37	11.0	-5.28
	*5610	122	be (80MHz)	CDD	52	52	MCSS	5.17	5.58	8.39	11.0	-5.42
	5690	138	be (80MHz)	CDD	52	44	MCSS	5.35	5.68	8.52	11.0	-5.32
	*5570	114	be (160MHz)	CDD	52	37	MCSS	4.91	5.56	8.26	11.0	-5.45

Table 7-167. Bands 1, 2A, 2C Power Spectral Density Measurements CDD Primary (RU26)

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

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 116 of 374

V 11.0 5/2025

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	RU Size	RU Index	Data Rate	Antenna WF5B Power Density [dBm/MHz]	Antenna 4a Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	be (20MHz)	CDD	52+26	72	MCS5	6.19	5.87	9.04	11.0	-5.13
	5200	40	be (20MHz)	CDD	52+26	71	MCS5	6.01	6.15	9.09	11.0	-4.86
	5240	48	be (20MHz)	CDD	52+26	71	MCS5	6.23	5.79	9.02	11.0	-5.21
	5180	36	be (20MHz)	CDD	106+26	82	MCS5	4.74	4.22	7.50	11.0	-6.78
	5200	40	be (20MHz)	CDD	106+26	83	MCS5	5.23	5.20	8.22	11.0	-5.80
	5240	48	be (20MHz)	CDD	106+26	82	MCS5	5.85	5.62	8.75	11.0	-5.38
Band 1/2A	5210	42	be (80MHz)	CDD	484+242	92	MCS5	-5.56	-5.11	-2.32	11.0	-16.11
	5250	50 (L)	be (160MHz)	CDD	996+484	95	MCS5	-7.94	-8.40	-5.15	11.0	-19.40
	5250	50 (L)	be (160MHz)	CDD	996+484+242	99	MCS5	-8.72	-9.13	-5.91	11.0	-20.13
	5250	50 (U)	be (160MHz)	CDD	996+484	94	MCS5	-8.08	-8.60	-5.32	11.0	-19.60
Band 2A	5250	50 (U)	be (160MHz)	CDD	996+484+242	97	MCS5	-8.57	-9.00	-5.77	11.0	-20.00
	5260	52	be (20MHz)	CDD	52+26	71	MCS5	5.94	5.74	8.85	11.0	-5.26
	5280	60	be (20MHz)	CDD	52+26	71	MCS5	6.07	5.65	8.87	11.0	-5.35
	5320	64	be (20MHz)	CDD	52+26	71	MCS5	6.01	5.62	8.83	11.0	-5.38
	5260	52	be (20MHz)	CDD	106+26	82	MCS5	4.89	4.39	7.66	11.0	-6.61
	5280	60	be (20MHz)	CDD	106+26	82	MCS5	5.78	5.67	8.73	11.0	-5.33
	5320	64	be (20MHz)	CDD	106+26	82	MCS5	4.57	4.11	7.36	11.0	-6.89
	5290	58	be (80MHz)	CDD	484+242	93	MCS5	-4.50	-3.26	-0.83	11.0	-14.26
	5500	100	be (20MHz)	CDD	52+26	71	MCS5	3.41	3.57	6.50	11.0	-7.43
	5580	116	be (20MHz)	CDD	52+26	72	MCS5	6.34	5.94	9.15	11.0	-5.06
Band 2C	5720	144	be (20MHz)	CDD	52+26	71	MCS5	6.04	5.64	8.85	11.0	-5.36
	5500	100	be (20MHz)	CDD	106+26	82	MCS5	4.55	4.71	7.64	11.0	-6.30
	5580	116	be (20MHz)	CDD	106+26	83	MCS5	6.43	6.19	9.32	11.0	-4.81
	5720	144	be (20MHz)	CDD	106+26	82	MCS5	5.39	5.18	8.30	11.0	-5.82
	5530	106	be (80MHz)	CDD	484+242	92	MCS5	-4.72	-4.50	-1.59	11.0	-15.50
	*5610	122	be (80MHz)	CDD	484+242	92	MCS5	-0.35	0.15	2.91	11.0	-10.85
	5690	138	be (80MHz)	CDD	484+242	92	MCS5	1.88	1.77	4.84	11.0	-9.23
	*5570	114 (L)	be (160MHz)	CDD	996+484	95	MCS5	-8.41	-8.35	-5.37	11.0	-19.35
	*5570	114 (H)	be (160MHz)	CDD	996+484+242	97	MCS5	-9.44	-9.02	-6.21	11.0	-20.02
	*5570	114 (L)	be (160MHz)	CDD	996+484	95	MCS5	-8.41	-8.35	-5.37	11.0	-19.35
	*5570	114 (H)	be (160MHz)	CDD	996+484+242	97	MCS5	-9.44	-9.02	-6.21	11.0	-20.02

Table 7-168. Bands 1, 2A, 2C Power Spectral Density Measurements CDD Primary (MRU)

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

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 117 of 374

	Frequency [MHz]	Channel	802.11 MODE	Mode	RU Size	RU Index	Data Rate	Antenna WFSB Power Density [dBm/MHz]	Antenna 4a Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	be (20MHz)	CDD	242	61	MCSS	2.35	2.77	5.57	11.0	-8.24
	5200	40	be (20MHz)	CDD	242	61	MCSS	4.08	5.92	8.10	11.0	-5.08
	5240	48	be (20MHz)	CDD	242	61	MCSS	5.15	5.85	8.52	11.0	-5.15
	5190	38	be (40MHz)	CDD	484	65	MCSS	-3.05	-2.55	0.22	11.0	-13.55
	5230	46	be (40MHz)	CDD	484	65	MCSS	2.45	2.92	5.70	11.0	-8.09
Band 1/2A	5210	42	be (80MHz)	CDD	996	67	MCSS	-6.18	-6.49	-3.32	11.0	-17.49
	5250	50	be (160MHz)	CDD	996x2	68	MCSS	-10.25	-10.05	-7.14	11.0	-21.05
Band 2A	5260	52	be (20MHz)	CDD	242	61	MCSS	4.49	5.58	8.08	11.0	-5.42
	5280	60	be (20MHz)	CDD	242	61	MCSS	4.06	5.71	7.97	11.0	-5.29
	5320	64	be (20MHz)	CDD	242	61	MCSS	3.17	3.31	6.25	11.0	-7.69
	5270	54	be (40MHz)	CDD	484	65	MCSS	2.33	2.81	5.59	11.0	-8.19
	5310	62	be (40MHz)	CDD	484	65	MCSS	-2.96	-2.60	0.24	11.0	-13.60
Band 2C	5290	58	be (80MHz)	CDD	996	67	MCSS	-5.21	-4.69	-1.93	11.0	-15.69
	5500	100	be (20MHz)	CDD	242	61	MCSS	2.51	1.50	5.04	11.0	-9.50
	5580	116	be (20MHz)	CDD	242	61	MCSS	5.42	5.44	8.44	11.0	-5.56
	5720	144	be (20MHz)	CDD	242	61	MCSS	4.38	5.80	8.16	11.0	-5.20
	5510	102	be (40MHz)	CDD	484	65	MCSS	-3.10	-2.78	0.07	11.0	-13.78
	5550	110	be (40MHz)	CDD	484	65	MCSS	1.47	1.25	4.37	11.0	-9.75
	*5590	118	be (40MHz)	CDD	484	65	MCSS	2.42	2.95	5.70	11.0	-8.06
	5670	134	be (40MHz)	CDD	484	65	MCSS	1.21	0.88	4.06	11.0	-10.12
	5710	142	be (40MHz)	CDD	484	65	MCSS	2.43	2.88	5.67	11.0	-8.12
	5530	106	be (80MHz)	CDD	996	67	MCSS	-6.49	-6.07	-3.26	11.0	-17.07
	*5610	122	be (80MHz)	CDD	996	67	MCSS	-1.56	-1.88	1.29	11.0	-12.88
	5690	138	be (80MHz)	CDD	996	67	MCSS	-0.48	-0.32	2.61	11.0	-11.32
	*5570	114	be (160MHz)	CDD	996x2	68	MCSS	-9.77	-9.80	-6.78	11.0	-20.80

Table 7-169. Bands 1, 2A, 2C Power Spectral Density Measurements CDD Primary (Fully-loaded RU)

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

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-23-R1.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 118 of 374

V 11.0 5/2025

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.