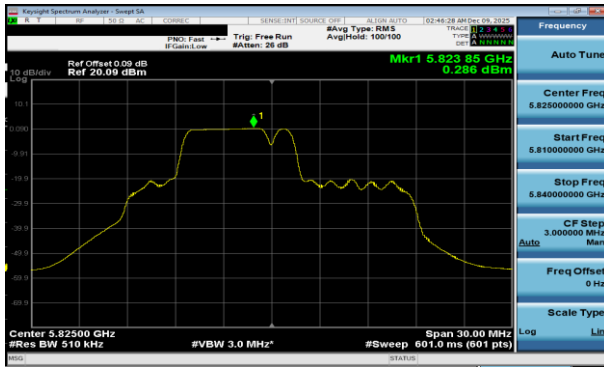
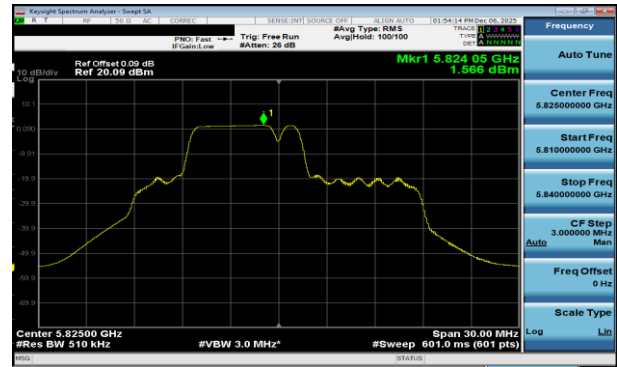
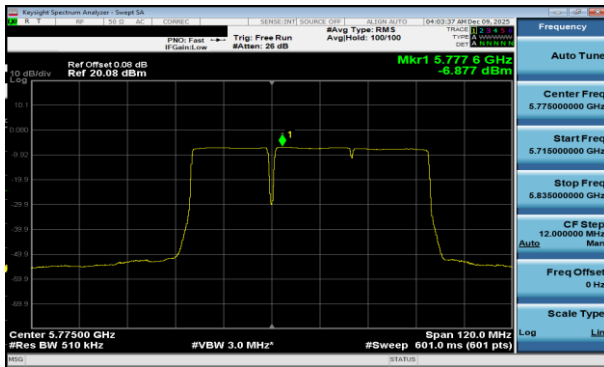




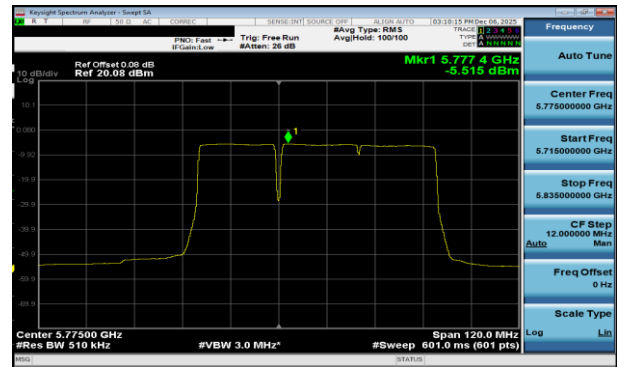
Plot 7-176 PSD CDD Primary Antenna 3b (20MHz BW 802.11be(RU) RU52+26 Index71 - Ch.165)



Plot 7-178 PSD CDD Primary Antenna 5T (20MHz BW 802.11be(RU) RU52+26 Index71 - Ch.165)



Plot 7-177 PSD CDD Primary Antenna 3b (80MHz BW 802.11be(RU) RU484+242 Index90 - Ch.155)

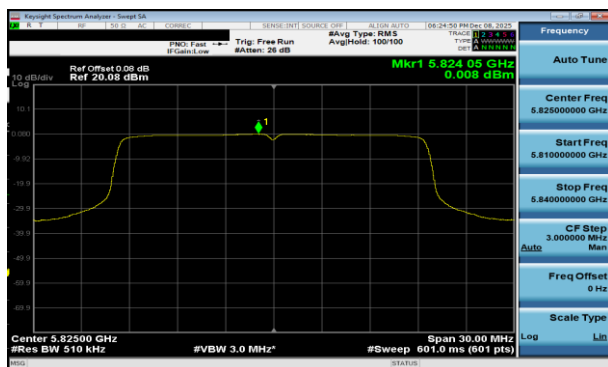


Plot 7-179 PSD CDD Primary Antenna 5T (80MHz BW 802.11be(RU) RU484+242 Index90 - Ch.155)

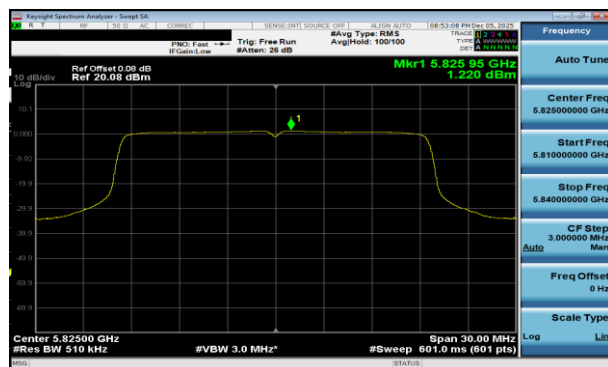
FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-23-R2.BCG	Test Dates: 08/22/2025 - 1/19/2025	EUT Type: Tablet Device	Page 127 of 380

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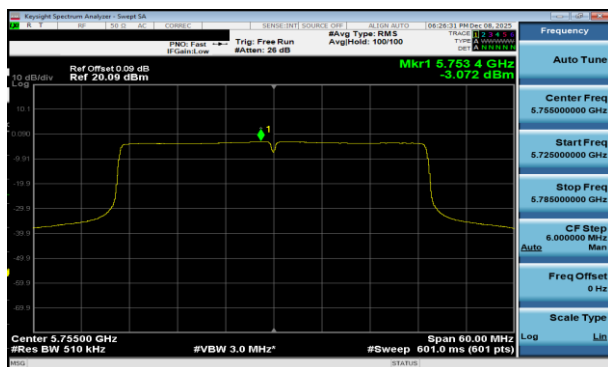
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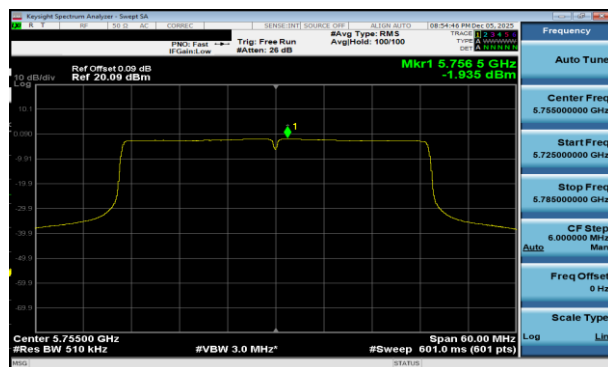
Plot 7-180 PSD CDD Primary Antenna 3b (20MHz BW 802.11be(RU) RU242 Index61 - Ch.165)



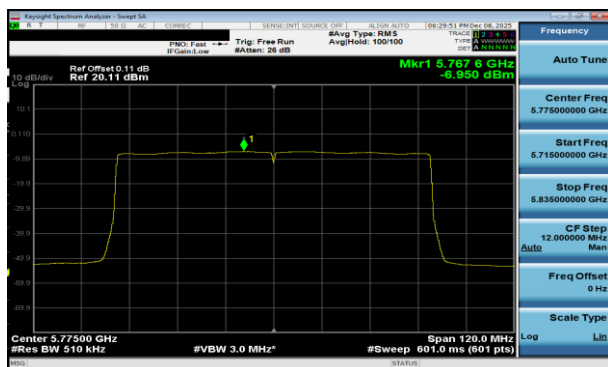
Plot 7-183 PSD CDD Primary Antenna 5T (20MHz BW 802.11be(RU) RU242 Index61 - Ch.165)



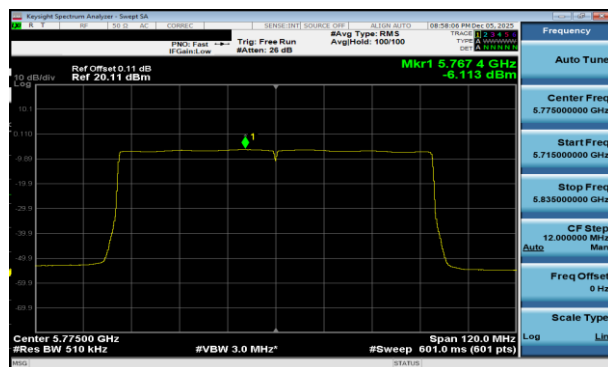
Plot 7-181 PSD CDD Primary Antenna 3b (40MHz BW 802.11be(RU) RU484 Index65 - Ch.151)



Plot 7-184 PSD CDD Primary Antenna 5T (40MHz BW 802.11be(RU) RU484 Index65 - Ch.151)



Plot 7-182 PSD CDD Primary Antenna 3b (80MHz BW 802.11be(RU) RU996 Index67 - Ch.155)



Plot 7-185 PSD CDD Primary Antenna 5T (80MHz BW 802.11be(RU) RU996 Index67 - Ch.155)

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-23-R2.BCG	Test Dates: 08/22/2025 - 1/19/2025	EUT Type: Tablet Device	Page 128 of 380

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	Frequency [MHz]	Channel	802.11 MODE	Mode	RU Size	RU Index	Data Rate	Antenna 5T Power Density [dBm/MHz]	Antenna 3b Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directoinal 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)	SDM	26	0	MCS5	4.16	3.26	6.74	-1.38	5.36	10.0	-4.64
	5200	40	be (20MHz)	SDM	26	8	MCS5	4.39	5.37	7.92	-1.38	6.54	10.0	-3.46
	5240	48	be (20MHz)	SDM	26	8	MCS5	4.61	5.38	8.02	-1.38	6.64	10.0	-3.36
	5190	38	be (40MHz)	SDM	26	8	MCS5	4.44	5.47	8.00	-1.38	6.62	10.0	-3.38
	5230	46	be (40MHz)	SDM	26	0	MCS5	4.63	3.40	7.07	-1.38	5.69	10.0	-4.31
	5210	42	be (80MHz)	SDM	26	17	MCS5	4.60	3.36	7.03	-1.38	5.65	10.0	-4.35
Band 1/2A	5250	50	be (160MHz)	SDM	52	52	MCS5	5.00	3.44	7.30	-1.38	5.92	10.0	-4.08

Table 7-182. ISED Band 1 e.i.r.p. Power Spectral Density Measurements SDM Primary (RU26)

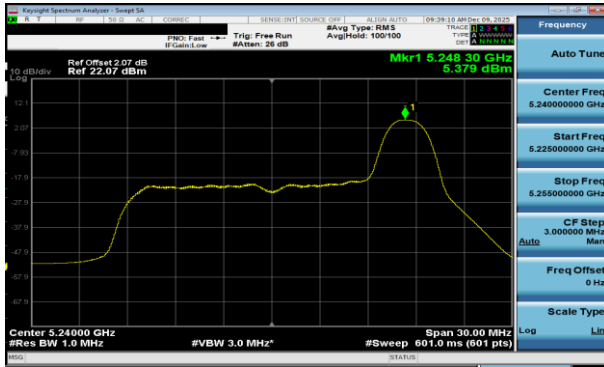
	Frequency [MHz]	Channel No.	802.11 MODE	Mode	RU Size	RU Index	Data Rate	Antenna 5T Power Density [dBm/MHz]	Antenna 3b Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directoinal Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	be (20MHz)	SDM	52+26	71	MCS5	4.16	3.31	6.77	-1.38	5.39	10	-4.61
	5200	40	be (20MHz)	SDM	52+26	71	MCS5	4.16	3.36	6.79	-1.38	5.41	10	-4.59
	5240	48	be (20MHz)	SDM	52+26	71	MCS5	4.42	3.57	7.03	-1.38	5.64	10	-4.36
	5180	36	be (20MHz)	SDM	106+26	83	MCS5	4.03	3.11	6.61	-1.38	5.22	10	-4.78
	5200	40	be (20MHz)	SDM	106+26	83	MCS5	4.01	3.03	6.55	-1.38	5.17	10	-4.83
	5240	48	be (20MHz)	SDM	106+26	82	MCS5	4.15	3.32	6.76	-1.38	5.38	10	-4.62
Band 1/2A	5210	42	be (80MHz)	CDD	484+242	91	MCS5	-4.99	-5.50	-2.23	1.62	-0.61	10	-10.61
	5250	50 (L)	be (160MHz)	CDD	996+484	95	MCS5	-7.91	-9.03	-5.42	1.62	-3.80	10	-13.80
	5250	50 (L)	be (160MHz)	CDD	996+484+242	99	MCS5	-8.68	-9.78	-6.18	1.62	-4.56	10	-14.56
	5250	50 (U)	be (160MHz)	CDD	996+484	94	MCS5	-8.01	-9.17	-5.54	1.62	-3.92	10	-13.92
	5250	50 (U)	be (160MHz)	CDD	996+484+242	99	MCS5	-8.82	-9.96	-6.35	1.62	-4.73	10	-14.73

Table 7-183. ISED Band 1 e.i.r.p. Power Spectral Density Measurements CDD/SDM Primary (MRU)

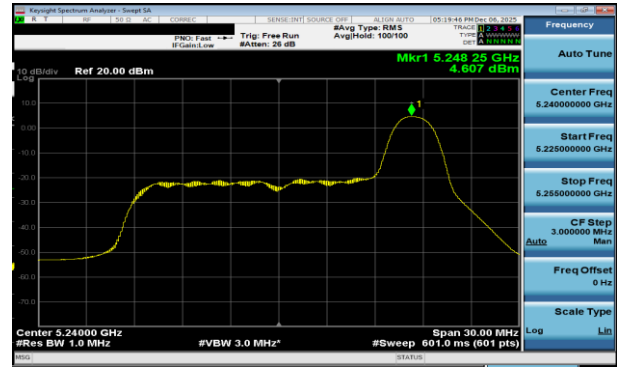
	Frequency [MHz]	Channel	802.11 MODE	Mode	RU Size	RU Index	Data Rate	Antenna 5T Power Density [dBm/MHz]	Antenna 3b Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directoinal Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	be (20MHz)	SDM	242	61	MCS5	3.00	1.75	5.43	-1.38	4.05	10.0	-5.95
	5200	40	be (20MHz)	SDM	242	61	MCS5	4.03	2.65	6.40	-1.38	5.02	10.0	-4.98
	5240	48	be (20MHz)	SDM	242	61	MCS5	4.34	2.95	6.71	-1.38	5.33	10.0	-4.67
	5190	38	be (40MHz)	CDD	484	65	MCS5	-1.47	-2.53	1.04	1.62	2.66	10.0	-7.34
	5230	46	be (40MHz)	SDM	484	65	MCS5	1.41	0.06	3.80	-1.38	2.41	10.0	-7.59
	5210	42	be (80MHz)	CDD	996	67	MCS5	-5.00	-5.54	-2.25	1.62	-0.63	10.0	-10.63
Band 1/2A	5250	50	be (160MHz)	CDD	996	68	MCS5	-9.73	-10.50	-7.09	1.62	-5.47	10.0	-15.47

Table 7-184. ISED Band 1 e.i.r.p. Power Spectral Density Measurements CDD/SDM Primary (Fully-loaded RU)

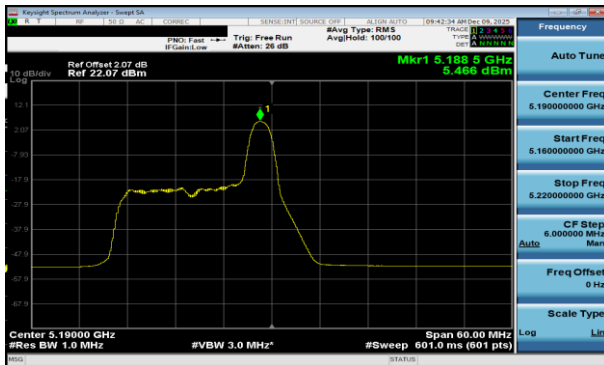
FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-23-R2.BCG	Test Dates: 08/22/2025 - 1/19/2025	EUT Type: Tablet Device	Page 129 of 380



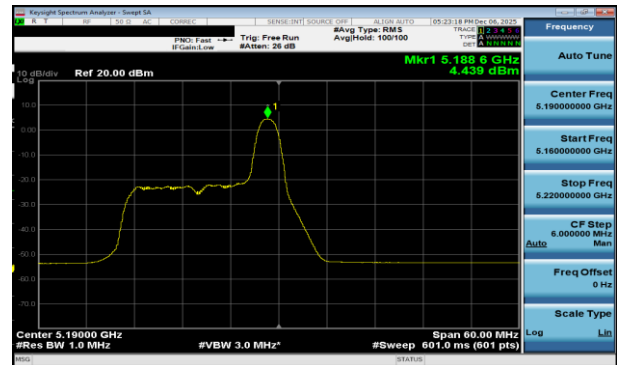
Plot 7-186 PSD SDM Primary Antenna 3b (20MHz BW 802.11be(RU) RU26 Index8 - Ch.48)



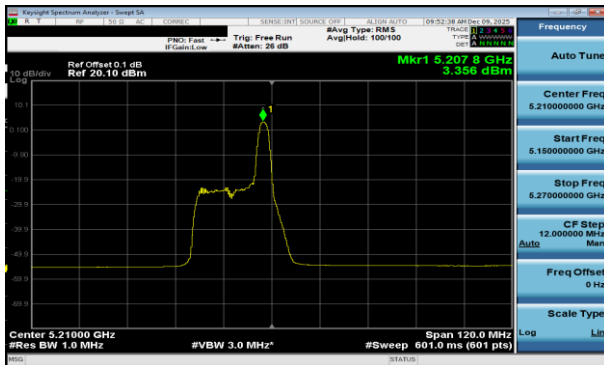
Plot 7-190 PSD SDM Primary Antenna 5T (20MHz BW 802.11be(RU) RU26 Index8 - Ch.48)



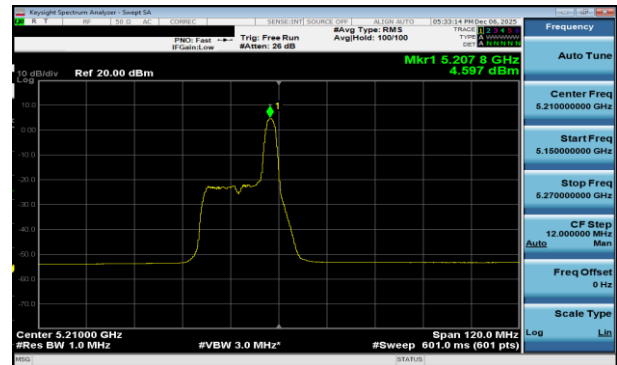
Plot 7-187 PSD SDM Primary Antenna 3b (40MHz BW 802.11be(RU) RU26 Index8 - Ch.38)



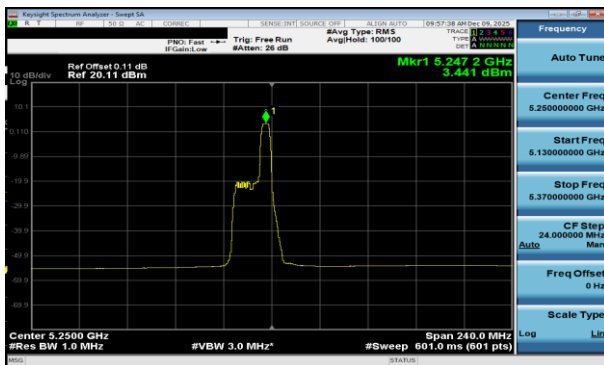
Plot 7-191 PSD SDM Primary Antenna 5T (40MHz BW 802.11be(RU) RU26 Index8 - Ch.38)



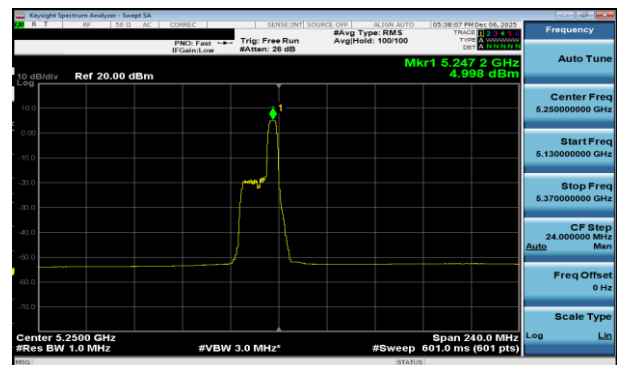
Plot 7-188 PSD SDM Primary Antenna 3b (80MHz BW 802.11be(RU) RU26 Index17 - Ch.42)



Plot 7-192 PSD SDM Primary Antenna 5T (80MHz BW 802.11be(RU) RU26 Index17 - Ch.42)

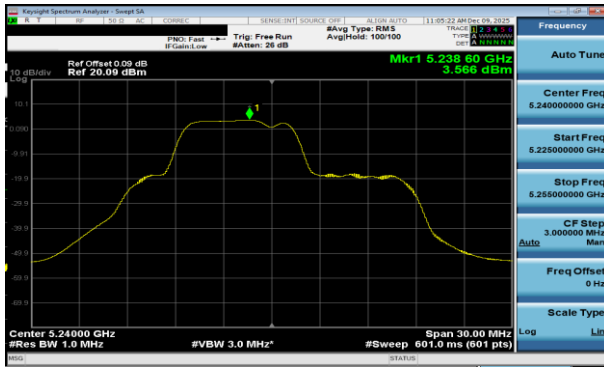


Plot 7-189 PSD SDM Primary Antenna 3b (160MHz BW 802.11be(RU) RU52 Index52 - Ch.50)

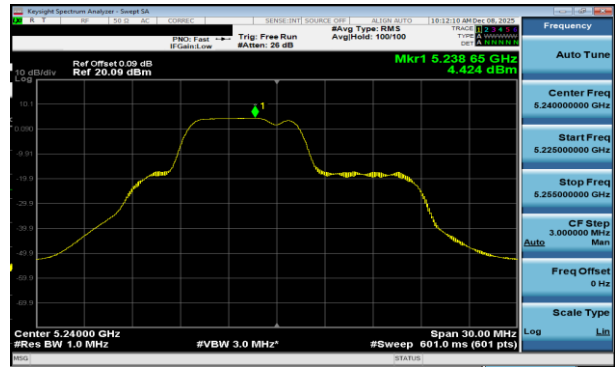


Plot 7-193 PSD SDM Primary Antenna 5T (160MHz BW 802.11be(RU) RU52 Index52 - Ch.50)

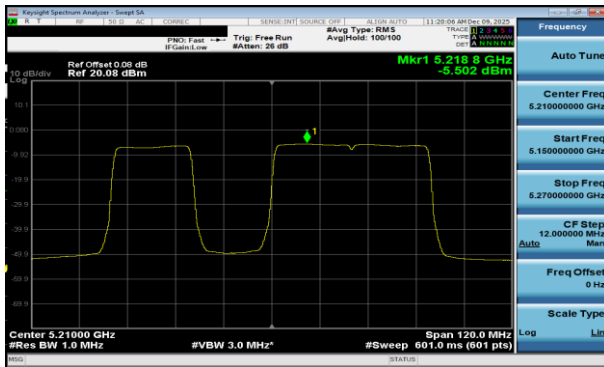
FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-23-R2.BCG	Test Dates: 08/22/2025 - 1/19/2025	EUT Type: Tablet Device	Page 130 of 380



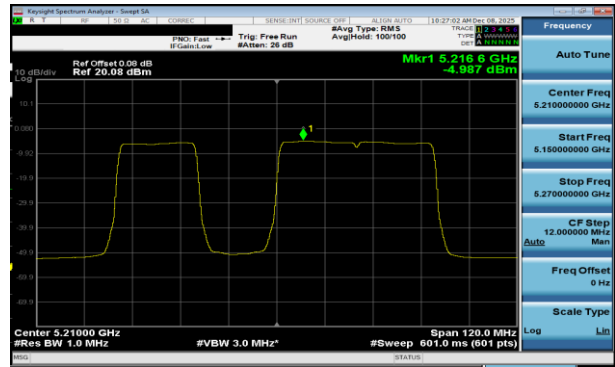
Plot 7-194 PSD SDM Primary Antenna 3b (20MHz BW 802.11be(RU) RU52+26 Index71 - Ch.48)



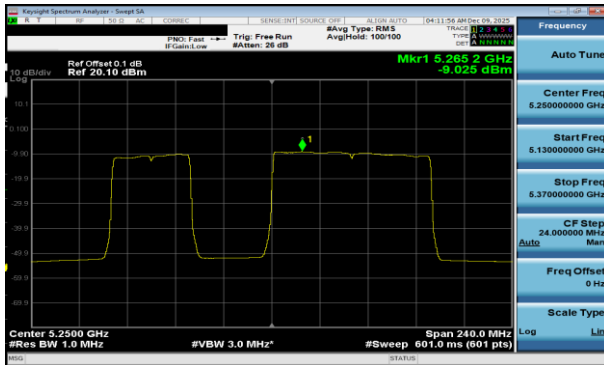
Plot 7-197 PSD SDM Primary Antenna 5T (20MHz BW 802.11be(RU) RU52+26 Index71 - Ch.48)



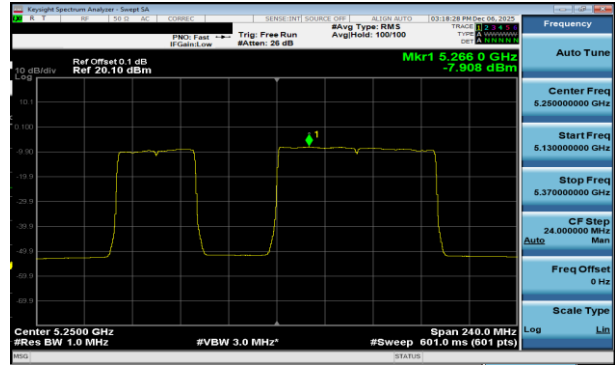
Plot 7-195 PSD CDD Primary Antenna 3b (80MHz BW 802.11be(RU) RU484+242 Index91 - Ch.42)



Plot 7-198 PSD CDD Primary Antenna 5T (80MHz BW 802.11be(RU) RU484+242 Index91 - Ch.42)

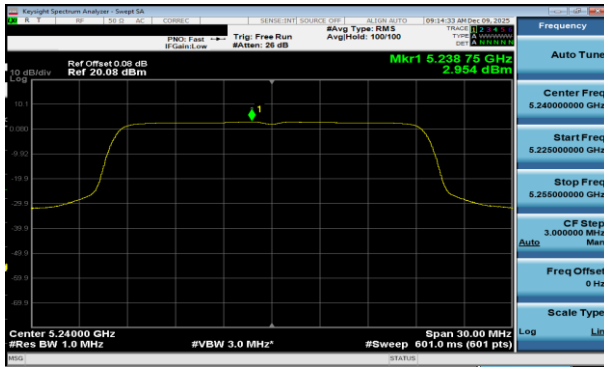


Plot 7-196 PSD CDD Primary Antenna 3b (160MHz BW 802.11be(RU) RU996+484 Index95 - Ch.50)

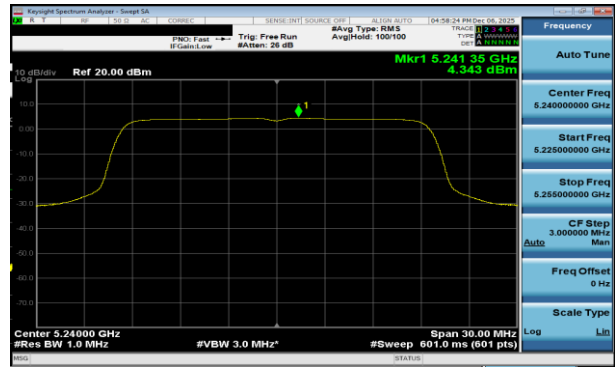


Plot 7-199 PSD CDD Primary Antenna 5T (160MHz BW 802.11be(RU) RU996+484 Index95 - Ch.50)

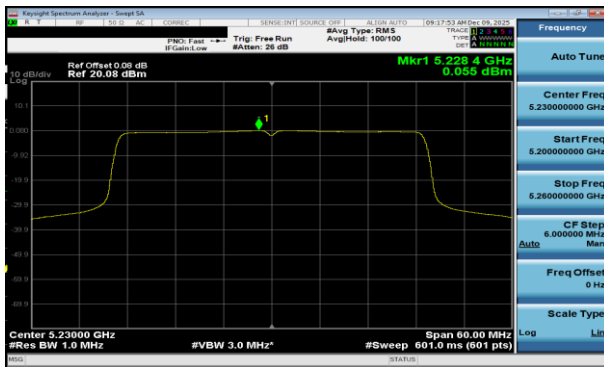
FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-23-R2.BCG	Test Dates: 08/22/2025 - 1/19/2025	EUT Type: Tablet Device	Page 131 of 380



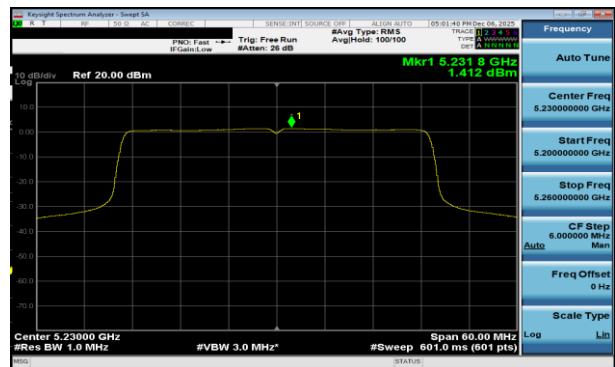
Plot 7-200 PSD SDM Primary Antenna 3b (20MHz BW 802.11be(RU) RU242 Index61 - Ch.48)



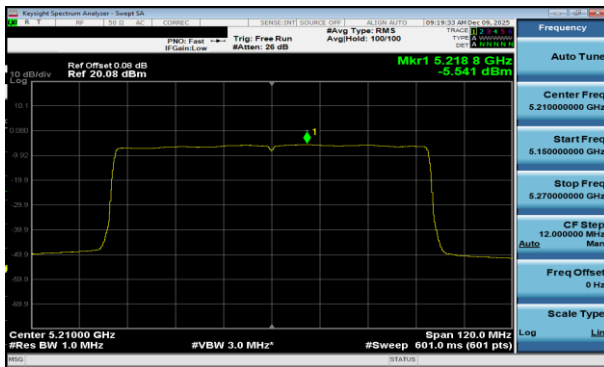
Plot 7-204 PSD SDM Primary Antenna 5T (20MHz BW 802.11be(RU) RU242 Index61 - Ch.48)



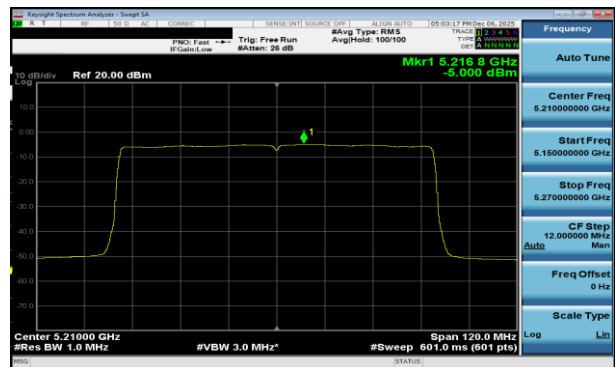
Plot 7-201 PSD SDM Primary Antenna 3b (40MHz BW 802.11be(RU) RU484 Index65 - Ch.46)



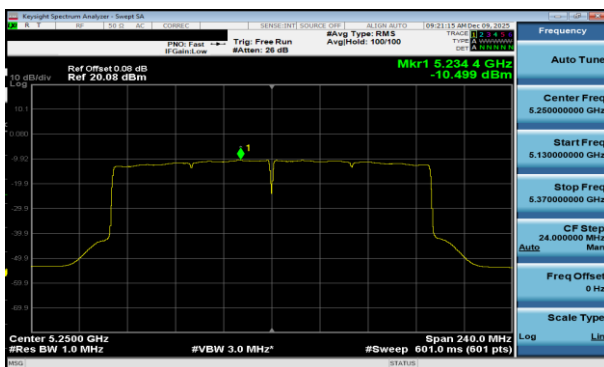
Plot 7-205 PSD SDM Primary Antenna 5T (40MHz BW 802.11be(RU) RU484 Index65 - Ch.46)



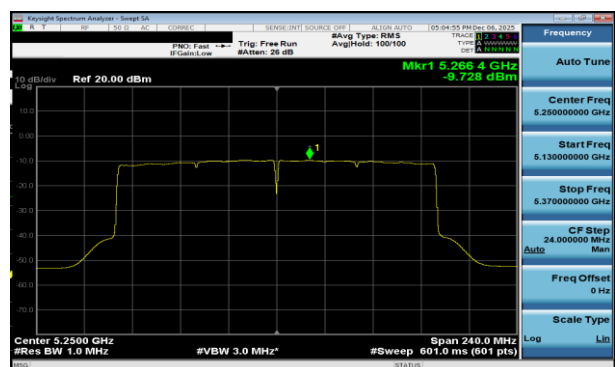
Plot 7-202 PSD CDD Primary Antenna 3b (80MHz BW 802.11be(RU) RU996 Index67 - Ch.42)



Plot 7-206 PSD CDD Primary Antenna 5T (80MHz BW 802.11be(RU) RU996 Index67 - Ch.42)



Plot 7-203 PSD CDD Primary Antenna 3b (160MHz BW 802.11be(RU) RU996X2 Index68 - Ch.50)



Plot 7-207 PSD CDD Primary Antenna 5T (160MHz BW 802.11be(RU) RU996X2 Index68 - Ch.50)

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-23-R2.BCG	Test Dates: 08/22/2025 - 1/19/2025	EUT Type: Tablet Device	Page 132 of 380

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7.5.5 Summed CDD/SDM Diversity Power Spectral Density Measurements

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	Antenna 5T 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	be (20MHz)	26	8	MCSS	4.58	4.39	7.49	11.0	-3.51
	5200	40	be (20MHz)	26	0	MCSS	4.58	4.19	7.40	11.0	-3.60
	5240	48	be (20MHz)	26	0	MCSS	4.49	4.28	7.39	11.0	-3.61
	5190	38	be (40MHz)	26	17	MCSS	4.53	4.69	7.62	11.0	-3.38
	5230	46	be (40MHz)	26	8	MCSS	4.59	4.56	7.59	11.0	-3.41
	5210	42	be (80MHz)	26	17	MCSS	4.49	4.16	7.34	11.0	-3.66
Band 1/2A	5250	50	be (160MHz)	52	52	MCSS	4.53	4.45	7.50	11.0	-3.50
Band 2A	5260	52	be (20MHz)	52	37	MCSS	4.85	4.84	7.85	11.0	-3.15
	5280	60	be (20MHz)	52	37	MCSS	4.70	4.59	7.66	11.0	-3.34
	5320	64	be (20MHz)	52	40	MCSS	4.72	4.69	7.72	11.0	-3.28
	5270	54	be (40MHz)	52	40	MCSS	5.64	6.45	9.07	11.0	-1.93
	5310	62	be (40MHz)	52	40	MCSS	5.75	6.29	9.04	11.0	-1.96
	5290	58	be (80MHz)	52	37	MCSS	5.53	6.28	8.93	11.0	-2.07
Band 2C	5500	100	be (20MHz)	52	40	MCSS	4.38	4.88	7.65	11.0	-3.35
	5580	116	be (20MHz)	52	39	MCSS	4.81	4.75	7.79	11.0	-3.21
	5720	144	be (20MHz)	52	37	MCSS	4.23	4.66	7.46	11.0	-3.54
	5510	102	be (40MHz)	52	40	MCSS	5.15	5.20	8.18	11.0	-2.82
	5550	110	be (40MHz)	52	40	MCSS	5.29	5.05	8.18	11.0	-2.82
	5590	118	be (40MHz)	52	44	MCSS	5.27	5.09	8.19	11.0	-2.81
	5670	134	be (40MHz)	52	40	MCSS	5.71	5.33	8.54	11.0	-2.46
	5710	142	be (40MHz)	52	37	MCSS	5.28	5.18	8.24	11.0	-2.76
	5530	106	be (80MHz)	52	44	MCSS	5.16	4.87	8.03	11.0	-2.97
	5610	122	be (80MHz)	52	44	MCSS	5.68	5.12	8.42	11.0	-2.58
	5690	138	be (80MHz)	52	44	MCSS	5.46	5.00	8.25	11.0	-2.75
	5570	114	be (160MHz)	52	37	MCSS	4.26	4.78	7.54	11.0	-3.46

Table 7-185. Bands 1, 2A, 2C Power Spectral Density Measurements CDD Diversity (RU26)

	Frequency [MHz]	Channel No.	802.11 MODE	RU Size	RU Index	Data Rate	Antenna 5T 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	be (20MHz)	52+26	71	MCSS	4.44	2.91	6.75	11.0	-4.25
	5200	40	be (20MHz)	52+26	71	MCSS	4.40	3.03	6.78	11.0	-4.22
	5240	48	be (20MHz)	52+26	72	MCSS	4.60	3.14	6.94	11.0	-4.06
	5180	36	be (20MHz)	106+26	82	MCSS	4.43	3.15	6.85	11.0	-4.15
	5200	40	be (20MHz)	106+26	83	MCSS	4.03	2.66	6.41	11.0	-4.59
	5240	48	be (20MHz)	106+26	82	MCSS	4.19	3.05	6.67	11.0	-4.33
Band 1/2A	5210	42	be (80MHz)	484+242	93	MCSS	-4.94	-5.86	-2.36	11.0	-13.36
	5250	50 (L)	be (160MHz)	996+484	95	MCSS	-7.91	-8.86	-5.35	11.0	-16.35
	5250	50 (L)	be (160MHz)	996+484+242	99	MCSS	-8.68	-9.87	-6.22	11.0	-17.22
	5250	50 (U)	be (160MHz)	996+484	94	MCSS	-8.01	-9.07	-5.49	11.0	-16.49
	5250	50 (U)	be (160MHz)	996+484+242	96	MCSS	-8.83	-9.68	-6.22	11.0	-17.22
	5260	52	be (20MHz)	52+26	71	MCSS	4.58	3.27	6.98	11.0	-4.02
Band 2A	5280	60	be (20MHz)	52+26	71	MCSS	4.57	3.11	6.91	11.0	-4.09
	5320	64	be (20MHz)	52+26	71	MCSS	4.26	2.99	6.68	11.0	-4.32
	5260	52	be (20MHz)	106+26	83	MCSS	4.07	2.90	6.53	11.0	-4.47
	5280	60	be (20MHz)	106+26	83	MCSS	4.14	2.84	6.55	11.0	-4.45
	5320	64	be (20MHz)	106+26	82	MCSS	4.06	2.86	6.51	11.0	-4.49
	5290	58	be (80MHz)	484+242	91	MCSS	-3.94	-4.91	-1.39	11.0	-12.39
Band 2C	5500	100	be (20MHz)	52+26	72	MCSS	4.06	2.94	6.55	11.0	-4.45
	5580	116	be (20MHz)	52+26	71	MCSS	4.36	3.18	6.82	11.0	-4.18
	5720	144	be (20MHz)	52+26	72	MCSS	3.86	2.92	6.43	11.0	-4.57
	5500	100	be (20MHz)	106+26	83	MCSS	3.93	2.44	6.26	11.0	-4.74
	5580	116	be (20MHz)	106+26	82	MCSS	4.39	3.27	6.87	11.0	-4.13
	5720	144	be (20MHz)	106+26	83	MCSS	4.28	2.60	6.53	11.0	-4.47
	5530	106	be (80MHz)	484+242	91	MCSS	-6.04	-7.17	-3.55	11.0	-14.55
	5610	122	be (80MHz)	484+242	93	MCSS	-2.63	-3.84	-0.18	11.0	-11.18
	5690	138	be (80MHz)	484+242	92	MCSS	-0.51	-1.42	2.07	11.0	-8.93
	*5570	114 (L)	be (160MHz)	996+484	95	MCSS	-8.83	-10.41	-6.54	11.0	-17.54
	*5570	114 (H)	be (160MHz)	996+484+242	97	MCSS	-9.60	-10.89	-7.19	11.0	-18.19
	*5570	114 (L)	be (160MHz)	996+484	95	MCSS	-8.83	-10.41	-6.54	11.0	-17.54
	*5570	114 (H)	be (160MHz)	996+484+242	97	MCSS	-9.60	-10.89	-7.19	11.0	-18.19

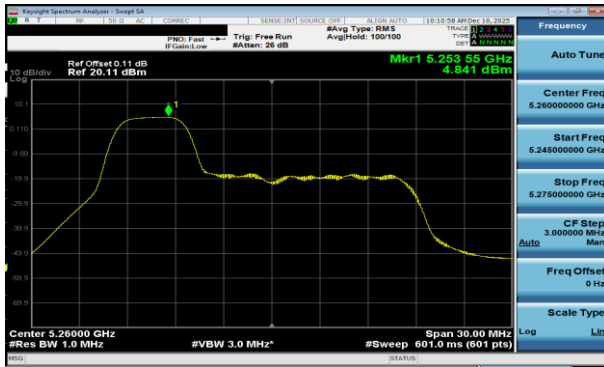
Table 7-186. Bands 1, 2A, 2C Power Spectral Density Measurements CDD Diversity (MRU)

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-23-R2.BCG	Test Dates: 08/22/2025 - 1/19/2025	EUT Type: Tablet Device	Page 133 of 380

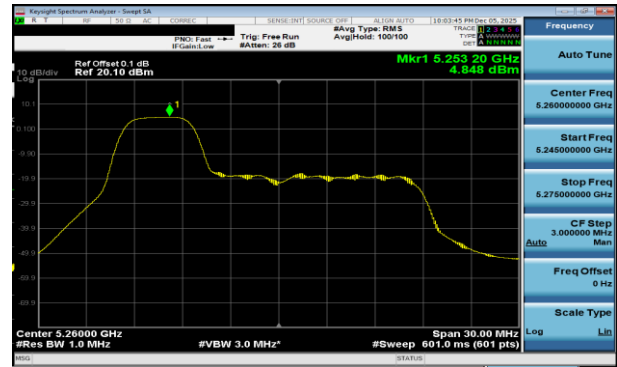
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	Antenna 5T Power Density [dBm/MHz]	Antenna 1b Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	be (20MHz)	242	61	MCSS	3.14	2.87	6.02	11.0	-4.98
	5200	40	be (20MHz)	242	61	MCSS	4.11	4.41	7.27	11.0	-3.73
	5240	48	be (20MHz)	242	61	MCSS	4.33	4.63	7.49	11.0	-3.51
	5190	38	be (40MHz)	484	65	MCSS	-1.43	-1.14	1.73	11.0	-9.27
	5230	46	be (40MHz)	484	65	MCSS	1.55	1.38	4.48	11.0	-6.52
	5210	42	be (80MHz)	996	67	MCSS	-4.88	-4.53	-1.69	11.0	-12.69
Band 1/2A	5250	50	be (160MHz)	996x2	68	MCSS	-9.89	-8.96	-6.39	11.0	-17.39
Band 2A	5260	52	be (20MHz)	242	61	MCSS	4.25	4.50	7.39	11.0	-3.61
	5280	60	be (20MHz)	242	61	MCSS	4.28	4.30	7.30	11.0	-3.70
	5320	64	be (20MHz)	242	61	MCSS	2.89	3.04	5.98	11.0	-5.02
	5270	54	be (40MHz)	484	65	MCSS	1.25	1.17	4.22	11.0	-6.78
	5310	62	be (40MHz)	484	65	MCSS	-1.92	-1.96	1.07	11.0	-9.93
	5290	58	be (80MHz)	996	67	MCSS	-5.09	-4.91	-1.99	11.0	-12.99
Band 2C	5500	100	be (20MHz)	242	61	MCSS	0.83	1.53	4.20	11.0	-6.80
	5580	116	be (20MHz)	242	61	MCSS	3.99	4.51	7.27	11.0	-3.73
	5720	144	be (20MHz)	242	61	MCSS	3.60	4.09	6.86	11.0	-4.14
	5510	102	be (40MHz)	484	65	MCSS	-3.50	-3.25	-0.36	11.0	-11.36
	5550	110	be (40MHz)	484	65	MCSS	1.04	1.25	4.15	11.0	-6.85
	5590	118	be (40MHz)	484	65	MCSS	1.46	1.45	4.47	11.0	-6.53
	5670	134	be (40MHz)	484	65	MCSS	-1.02	-0.82	2.09	11.0	-8.91
	5710	142	be (40MHz)	484	65	MCSS	1.08	1.44	4.27	11.0	-6.73
	5530	106	be (80MHz)	996	67	MCSS	-7.22	-6.74	-3.96	11.0	-14.96
	5610	122	be (80MHz)	996	67	MCSS	-2.61	-2.70	0.35	11.0	-10.65
	5690	138	be (80MHz)	996	67	MCSS	-1.69	-1.51	1.41	11.0	-9.59
	5570	114	be (160MHz)	996x2	68	MCSS	-10.54	-10.14	-7.32	11.0	-18.32

Table 7-187. Bands 1, 2A, 2C Power Spectral Density Measurements CDD Diversity (Fully-loaded RU)

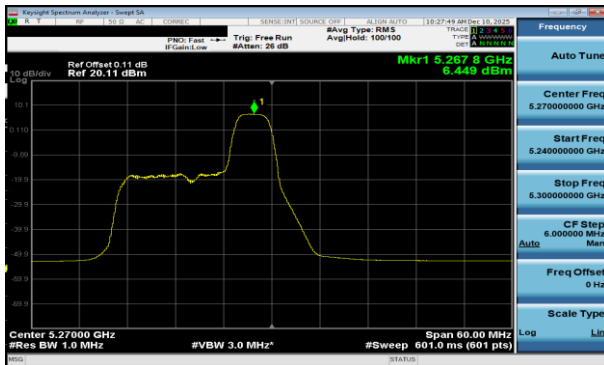
FCC ID: BCGA3462 IC: 579C-A3462	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100082-23-R2.BCG	Test Dates: 08/22/2025 - 1/19/2025	EUT Type: Tablet Device	Page 134 of 380



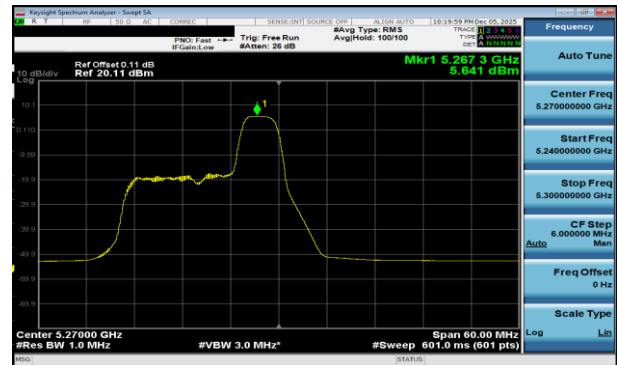
Plot 7-208 PSD CDD Diversity Antenna 1b (20MHz BW 802.11be(RU) RU52 Index37 - Ch.52)



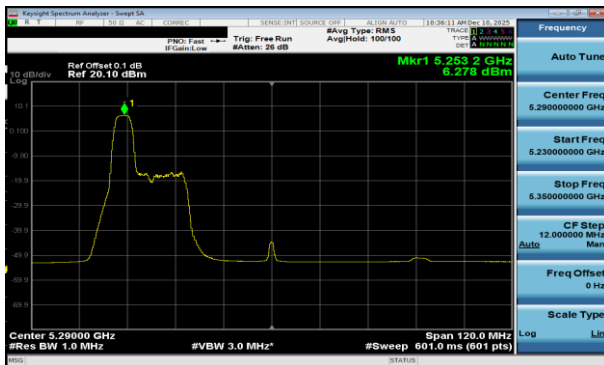
Plot 7-212 PSD CDD Diversity Antenna 5T (20MHz BW 802.11be(RU) RU52 Index37 - Ch.52)



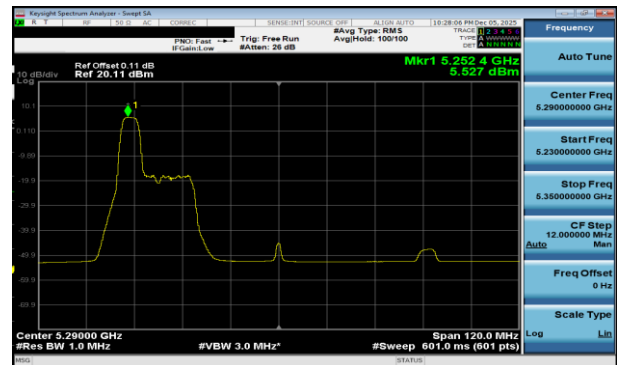
Plot 7-209 PSD CDD Diversity Antenna 1b (40MHz BW 802.11be(RU) RU52 Index40 - Ch.54)



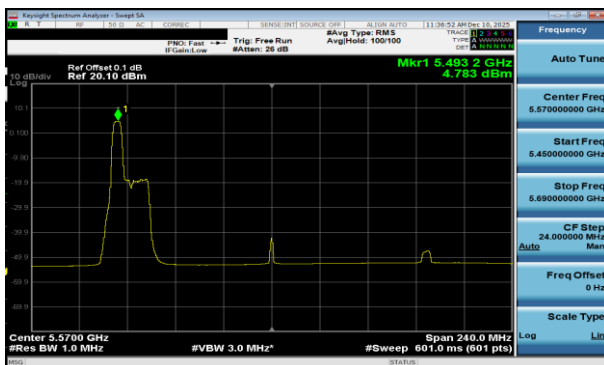
Plot 7-213 PSD CDD Diversity Antenna 5T (40MHz BW 802.11be(RU) RU52 Index40 - Ch.54)



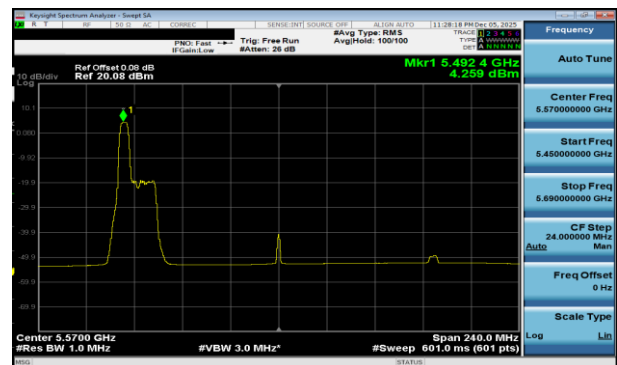
Plot 7-210 PSD CDD Diversity Antenna 1b (80MHz BW 802.11be(RU) RU52 Index37 - Ch.58)



Plot 7-214 PSD CDD Diversity Antenna 5T (80MHz BW 802.11be(RU) RU52 Index37 - Ch.42)

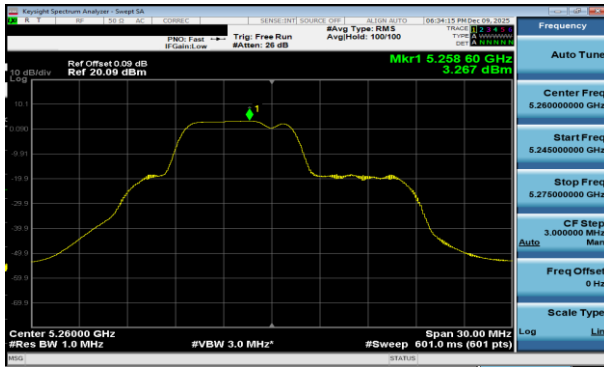


Plot 7-211 PSD CDD Diversity Antenna 1b (160MHz BW 802.11be(RU) RU52 Index37 - Ch.114)

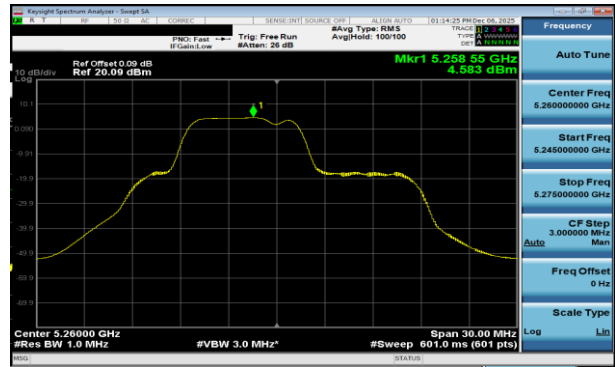


Plot 7-215 PSD CDD Diversity Antenna 5T (160MHz BW 802.11be(RU) RU52 Index37 - Ch.114)

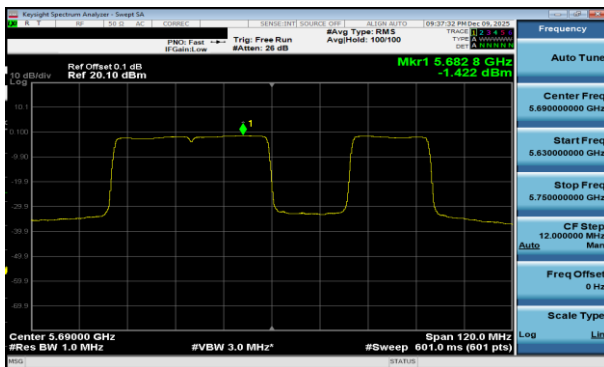
FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-23-R2.BCG	Test Dates: 08/22/2025 - 1/19/2025	EUT Type: Tablet Device	Page 135 of 380



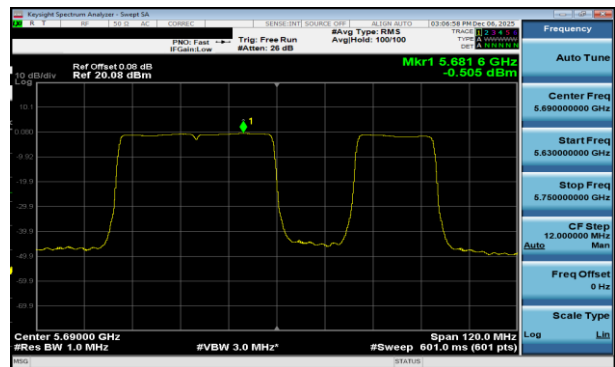
Plot 7-216 PSD CDD Diversity Antenna 1b (20MHz BW 802.11be(RU) RU52+26 Index71 - Ch.52)



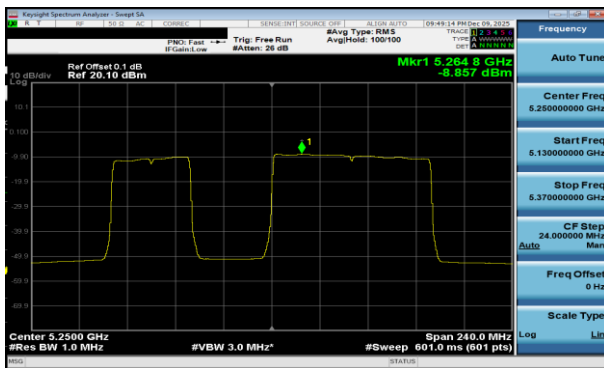
Plot 7-219 PSD CDD Diversity Antenna 5T (20MHz BW 802.11be(RU) RU52+26 Index71 - Ch.52)



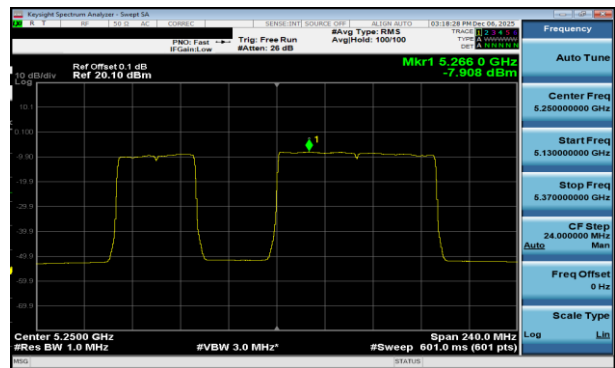
Plot 7-217 PSD CDD Diversity Antenna 1b (80MHz BW 802.11be(RU) RU484+242 Index92 - Ch.138)



Plot 7-220 PSD CDD Diversity Antenna 5T (80MHz BW 802.11be(RU) RU484+242 Index92 - Ch.138)

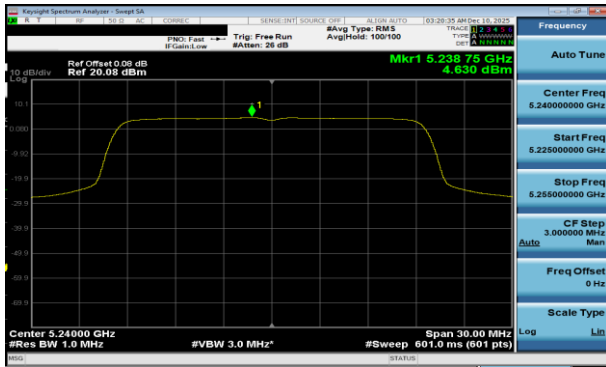


Plot 7-218 PSD CDD Diversity Antenna 1b (160MHz BW 802.11be(RU) RU996+484 Index95 - Ch.50)

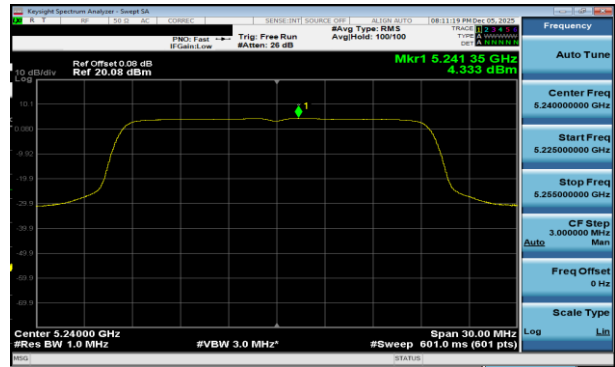


Plot 7-221 PSD CDD Diversity Antenna 5T (160MHz BW 802.11be(RU) RU996+484 Index95 - Ch.50)

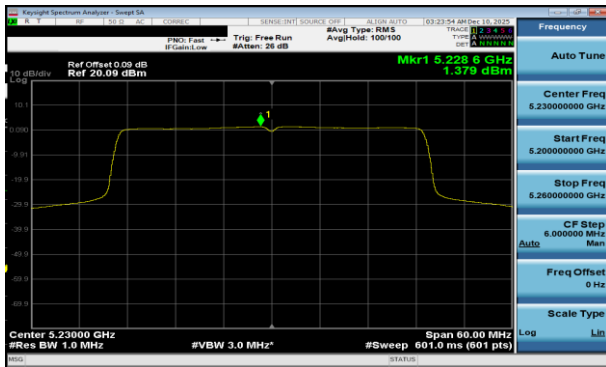
FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-23-R2.BCG	Test Dates: 08/22/2025 - 1/19/2025	EUT Type: Tablet Device	Page 136 of 380



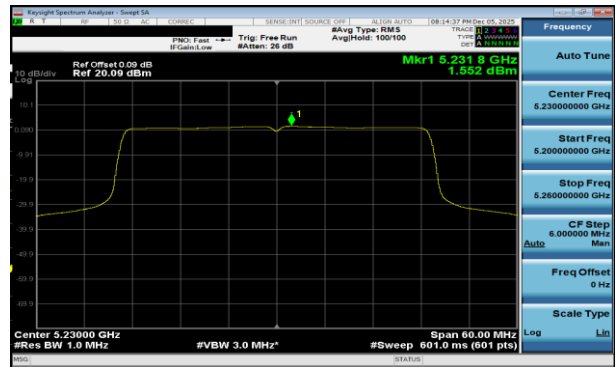
Plot 7-222 PSD CDD Diversity Antenna 1b (20MHz BW 802.11be(RU) RU242 Index61 - Ch.48)



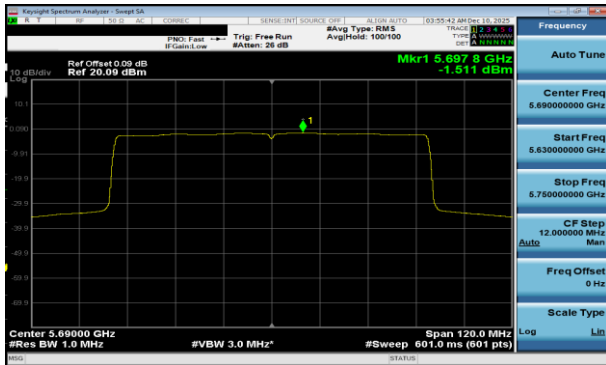
Plot 7-226 PSD CDD Diversity Antenna 5T (20MHz BW 802.11be(RU) RU242 Index61 - Ch.48)



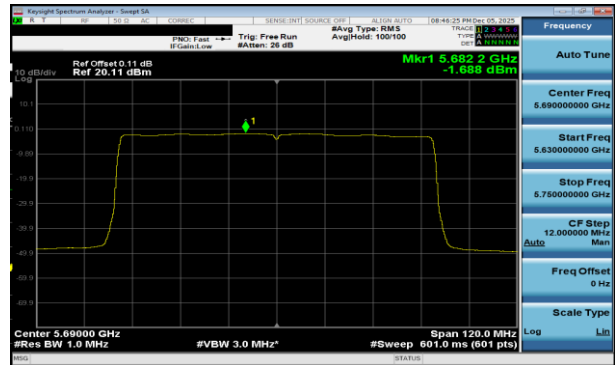
Plot 7-223 PSD CDD Diversity Antenna 1b (40MHz BW 802.11be(RU) RU484 Index65 - Ch.46)



Plot 7-227 PSD CDD Diversity Antenna 5T (40MHz BW 802.11be(RU) RU484 Index65 - Ch.46)



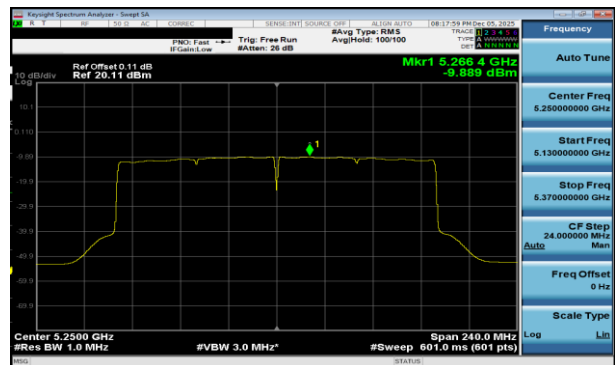
Plot 7-224 PSD CDD Diversity Antenna 1b (80MHz BW 802.11be(RU) RU996 Index67 - Ch.138)



Plot 7-228 PSD CDD Diversity Antenna 5T (80MHz BW 802.11be(RU) RU996 Index67 - Ch.138)



Plot 7-225 PSD CDD Diversity Antenna 1b (160MHz BW 802.11be(RU) RU996X2 Index68 - Ch.50)



Plot 7-229 PSD CDD Diversity Antenna 5T (160MHz BW 802.11be(RU) RU996X2 Index68 - Ch.50)

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-23-R2.BCG	Test Dates: 08/22/2025 - 1/19/2025	EUT Type: Tablet Device	Page 137 of 380

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	Antenna 5T 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	5180	149	be (20MHz)	26	8	MCS5	1.48	1.65	4.58	30.0	-25.42
	5200	157	be (20MHz)	26	0	MCS5	1.59	1.74	4.68	30.0	-25.32
	5240	165	be (20MHz)	26	8	MCS5	1.72	1.49	4.62	30.0	-25.38
	5190	151	be (40MHz)	26	17	MCS5	1.64	1.44	4.55	30.0	-25.45
	5230	159	be (40MHz)	26	8	MCS5	1.56	1.42	4.50	30.0	-25.50
	5210	155	be (80MHz)	26	36	MCS5	1.39	1.74	4.58	30.0	-25.42

Table 7-188. Band 3 Power Spectral Density Measurements CDD Diversity (RU26)

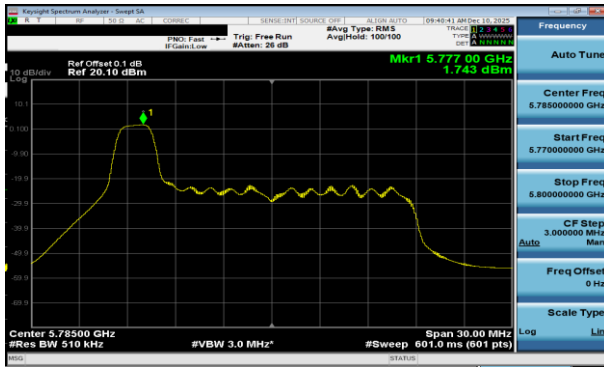
	Frequency [MHz]	Channel No.	802.11 MODE	RU Size	RU Index	Data Rate	Antenna 5T Power Density [dBm/500kHz]	Antenna 1b Power Density [dBm/500kHz]	Summed Power Density [dBm/500kHz]	Mbe Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	be (20MHz)	52+26	71	MCS5	1.01	0.10	3.59	30	-26.41
	5785	157	be (20MHz)	52+26	71	MCS5	1.22	-0.17	3.59	30	-26.41
	5825	165	be (20MHz)	52+26	72	MCS5	1.39	0.38	3.92	30	-26.08
	5745	149	be (20MHz)	106+26	83	MCS5	0.96	-0.23	3.42	30	-26.58
	5785	157	be (20MHz)	106+26	83	MCS5	0.97	0.00	3.52	30	-26.48
	5825	165	be (20MHz)	106+26	82	MCS5	1.16	0.24	3.74	30	-26.26
	5775	155	be (80MHz)	484+242	91	MCS5	-5.44	-6.88	-3.09	30	-33.09

Table 7-189. Band 3 Power Spectral Density Measurements CDD Diversity (MRU)

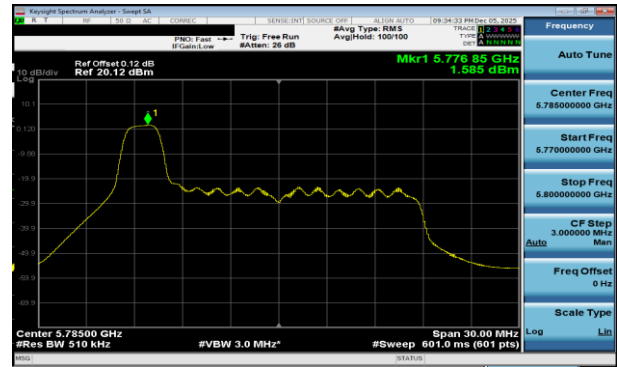
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	Antenna 5T Power Density [dBm/500kHz]	Antenna 1b Power Density [dBm/500kHz]	Summed Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	be (20MHz)	242	61	MCS5	0.98	1.06	4.03	30.0	-25.97
	5785	157	be (20MHz)	242	61	MCS5	0.95	1.19	4.08	30.0	-25.92
	5825	165	be (20MHz)	242	61	MCS5	1.22	0.76	4.00	30.0	-26.00
	5755	151	be (40MHz)	484	65	MCS5	-1.94	-1.70	1.19	30.0	-28.81
	5795	159	be (40MHz)	484	65	MCS5	-1.95	-1.61	1.23	30.0	-28.77
	5775	155	be (80MHz)	996	67	MCS5	-6.11	-5.57	-2.82	30.0	-32.82

Table 7-190. Band 3 Power Spectral Density Measurements CDD Diversity (Fully-loaded RU)

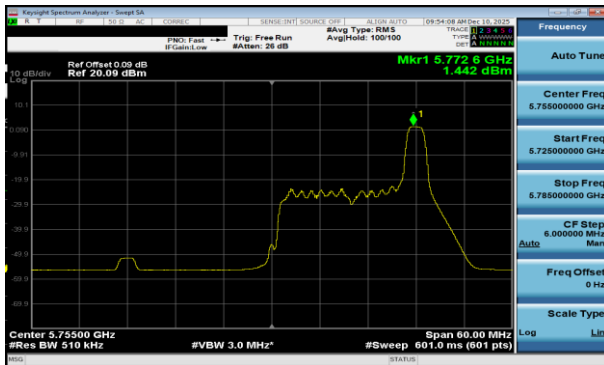
FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-23-R2.BCG	Test Dates: 08/22/2025 - 1/19/2025	EUT Type: Tablet Device	Page 138 of 380



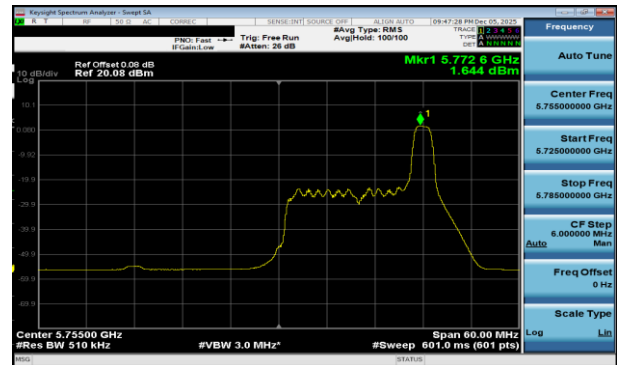
Plot 7-230 PSD CDD Diversity Antenna 1b (20MHz BW 802.11be(RU) RU26 Index0 - Ch.157)



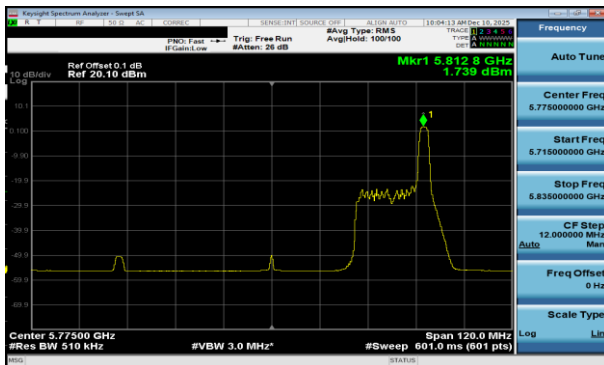
Plot 7-233 PSD CDD Diversity Antenna 5T (20MHz BW 802.11be(RU) RU26 Index0 - Ch.157)



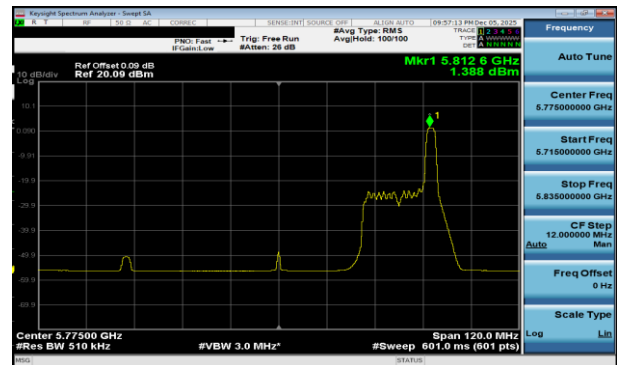
Plot 7-231 PSD CDD Diversity Antenna 1b (40MHz BW 802.11be(RU) RU26 Index17 - Ch.151)



Plot 7-234 PSD CDD Diversity Antenna 5T (40MHz BW 802.11be(RU) RU26 Index17 - Ch.151)

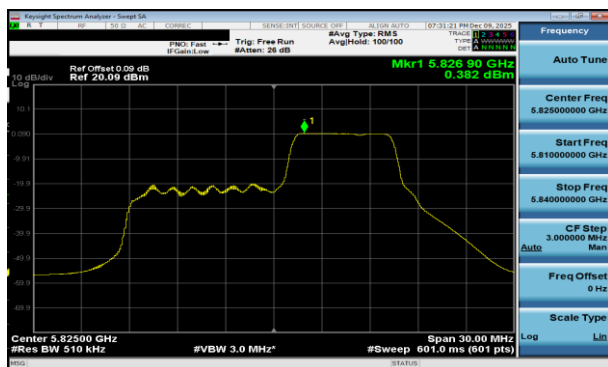


Plot 7-232 PSD CDD Diversity Antenna 1b (80MHz BW 802.11be(RU) RU26 Index36 - Ch.155)

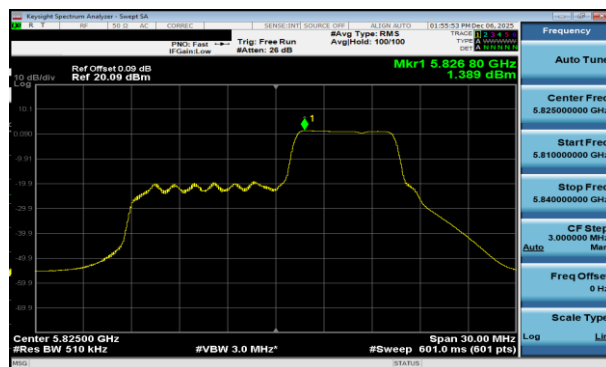


Plot 7-235 PSD CDD Diversity Antenna 5T (80MHz BW 802.11be(RU) RU26 Index36 - Ch.155)

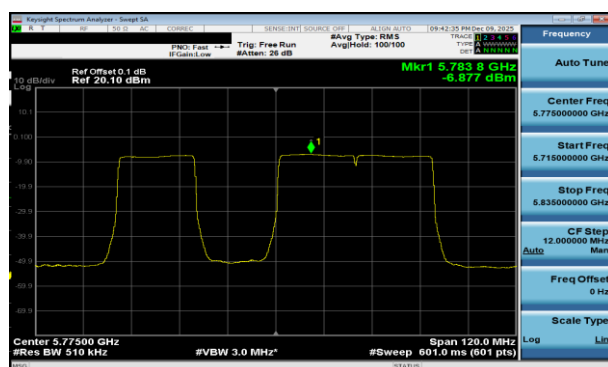
FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-23-R2.BCG	Test Dates: 08/22/2025 - 1/19/2025	EUT Type: Tablet Device	Page 139 of 380



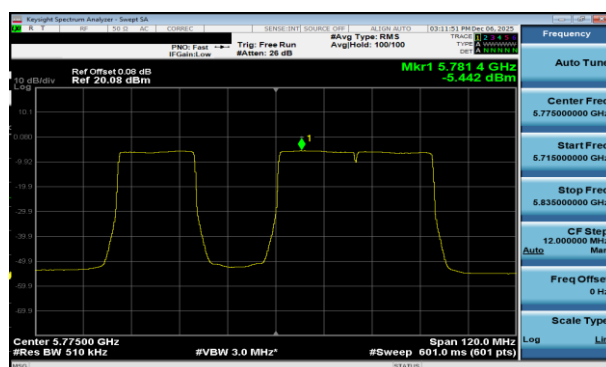
Plot 7-236 PSD CDD Diversity Antenna 1b (20MHz BW 802.11be(RU) RU52+26 Index72 - Ch.165)



Plot 7-238 PSD CDD Diversity Antenna 5T (20MHz BW 802.11be(RU) RU52+26 Index72 - Ch.165)

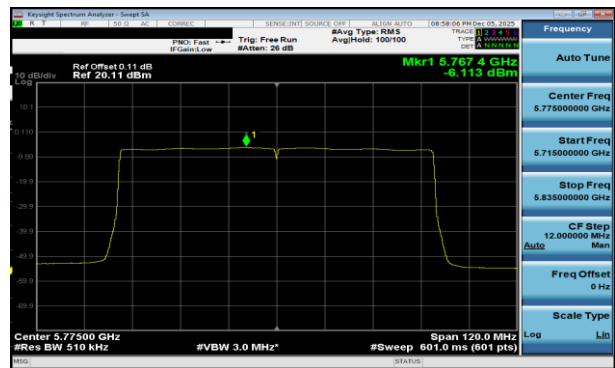
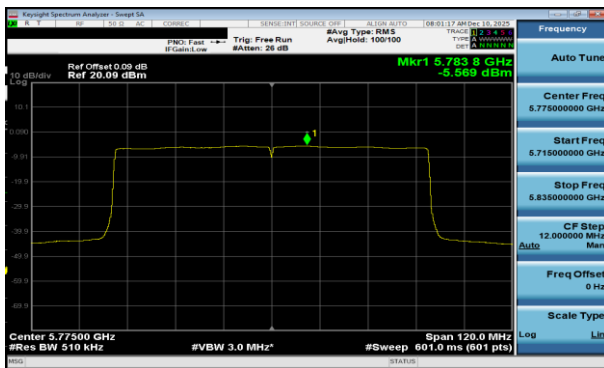
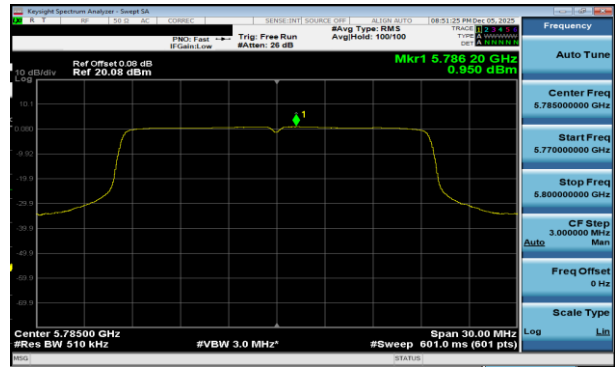
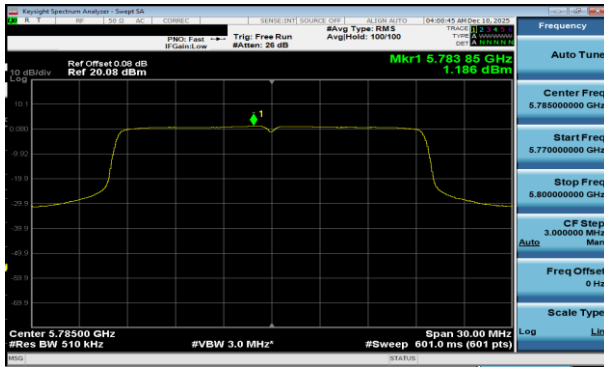


Plot 7-237 PSD CDD Diversity Antenna 1b (80MHz BW 802.11be(RU) RU484+242 Index91 - Ch.155)



Plot 7-239 PSD CDD Diversity Antenna 5T (80MHz BW 802.11be(RU) RU484+242 Index91 - Ch.155)

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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	Frequency [MHz]	Channel	802.11 MODE	Mode	RU Size	RU Index	Data Rate	Antenna 5T Power Density [dBm/MHz]	Antenna 1b Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directoinal 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)	SDM	26	0	MCS5	4.16	4.45	7.32	-1.22	6.10	10.0	-3.90
	5200	40	be (20MHz)	SDM	26	8	MCS5	4.39	4.32	7.37	-1.22	6.15	10.0	-3.85
	5240	48	be (20MHz)	SDM	26	0	MCS5	4.57	4.42	7.51	-1.22	6.29	10.0	-3.71
	5190	38	be (40MHz)	SDM	26	0	MCS5	4.53	4.65	7.60	-1.22	6.38	10.0	-3.62
	5230	46	be (40MHz)	SDM	26	8	MCS5	4.72	5.27	8.01	-1.22	6.79	10.0	-3.21
	5210	42	be (80MHz)	SDM	26	17	MCS5	4.60	4.75	7.69	-1.22	6.47	10.0	-3.53
Band 1/2A	5250	50	be (160MHz)	SDM	52	52	MCS5	5.00	5.18	8.10	-1.22	6.88	10.0	-3.12

Table 7-191. ISED Band 1 e.i.r.p. Power Spectral Density Measurements SDM Diversity (RU26)

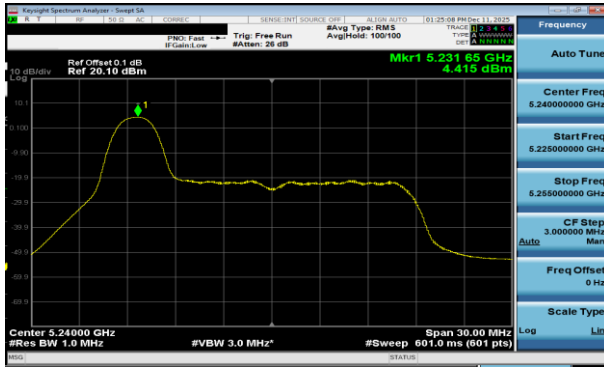
	Frequency [MHz]	Channel No.	802.11 MODE	Mode	RU Size	RU Index	Data Rate	Antenna 5T Power Density [dBm/MHz]	Antenna 1b Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directoinal Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	be (20MHz)	SDM	52+26	71	MCS5	4.16	4.40	7.29	-1.22	6.08	10	-3.92
	5200	40	be (20MHz)	SDM	52+26	71	MCS5	4.16	4.39	7.29	-1.22	6.07	10	-3.93
	5240	48	be (20MHz)	SDM	52+26	71	MCS5	4.42	4.62	7.53	-1.22	6.32	10	-3.68
	5180	36	be (20MHz)	SDM	106+26	83	MCS5	4.03	4.51	7.29	-1.22	6.07	10	-3.93
	5200	40	be (20MHz)	SDM	106+26	82	MCS5	3.94	4.60	7.29	-1.22	6.08	10	-3.92
	5240	48	be (20MHz)	SDM	106+26	82	MCS5	4.15	4.74	7.46	-1.22	6.25	10	-3.75
Band 1/2A	5210	42	be (80MHz)	CDD	484+242	93	MCS5	-4.97	-4.43	-1.68	1.78	0.10	10	-9.90
	5250	50 (L)	be (160MHz)	CDD	996+484	95	MCS5	-7.91	-8.86	-5.35	1.78	-3.57	10	-13.57
	5250	50 (L)	be (160MHz)	CDD	996+484+242	99	MCS5	-8.68	-9.87	-6.22	1.78	-4.45	10	-14.45
	5250	50 (U)	be (160MHz)	CDD	996+484	94	MCS5	-8.01	-9.07	-5.49	1.78	-3.72	10	-13.72
	5250	50 (U)	be (160MHz)	CDD	996+484+242	96	MCS5	-8.83	-9.68	-6.22	1.78	-4.44	10	-14.44

Table 7-192. ISED Band 1 e.i.r.p. Power Spectral Density Measurements CDD/SDM Diversity (MRU)

	Frequency [MHz]	Channel	802.11 MODE	Mode	RU Size	RU Index	Data Rate	Antenna 5T Power Density [dBm/MHz]	Antenna 1b Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directoinal 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)	SDM	242	61	MCS5	3.00	2.85	5.94	-1.22	4.72	10.0	-5.28
	5200	40	be (20MHz)	SDM	242	61	MCS5	4.03	4.14	7.09	-1.22	5.88	10.0	-4.12
	5240	48	be (20MHz)	SDM	242	61	MCS5	4.34	4.37	7.36	-1.22	6.15	10.0	-3.85
	5190	38	be (40MHz)	CDD	484	65	MCS5	-1.47	-1.25	1.65	1.78	3.43	10.0	-6.57
	5230	46	be (40MHz)	SDM	484	65	MCS5	1.41	1.58	4.51	-1.22	3.29	10.0	-6.71
	5210	42	be (80MHz)	CDD	996	67	MCS5	-5.00	-4.23	-1.59	1.78	0.19	10.0	-9.81
Band 1/2A	5250	50	be (160MHz)	CDD	996	68	MCS5	-9.73	-9.20	-6.44	1.78	-4.67	10.0	-14.67

Table 7-193. ISED Band 1 e.i.r.p. Power Spectral Density Measurements CDD/SDM Diversity (Fully-loaded RU)

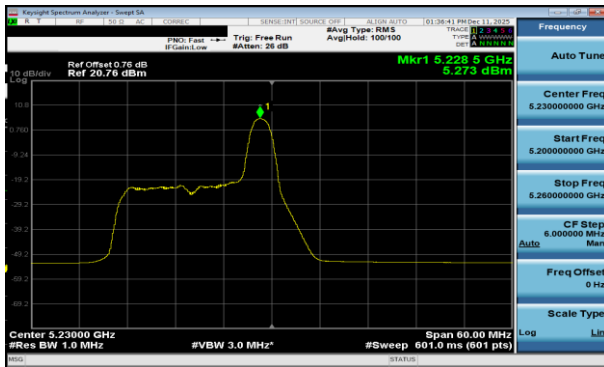
FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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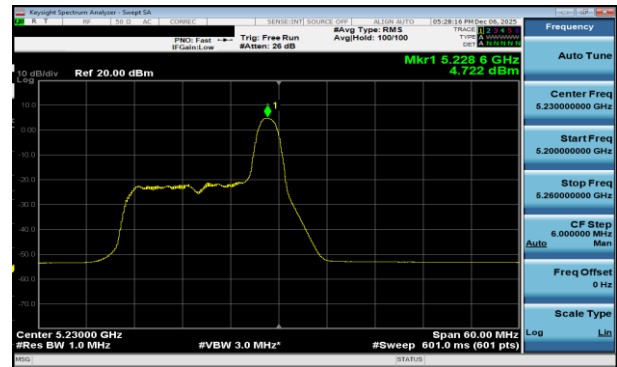
Plot 7-246 PSD SDM Diversity Antenna 1b (20MHz BW 802.11be(RU) RU26 Index0 - Ch.48)



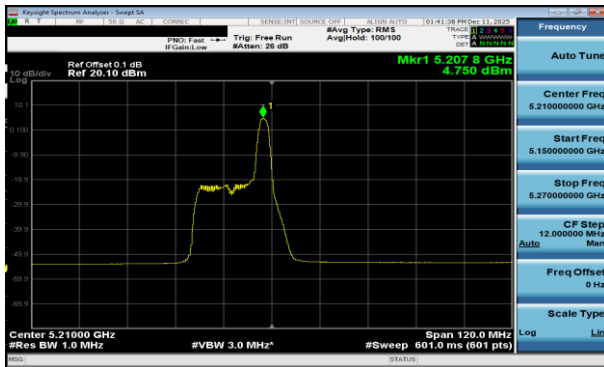
Plot 7-250 PSD SDM Diversity Antenna 5T (20MHz BW 802.11be(RU) RU26 Index0 - Ch.48)



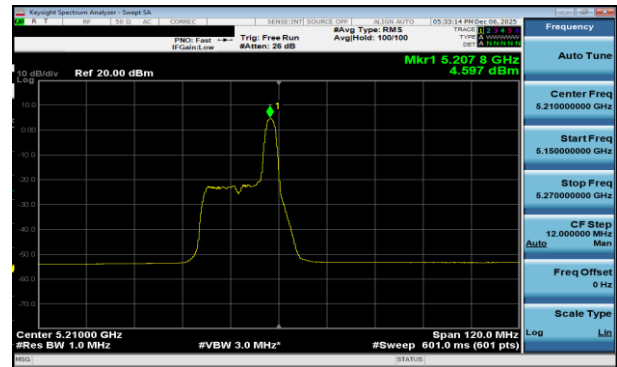
Plot 7-247 PSD SDM Diversity Antenna 1b (40MHz BW 802.11be(RU) RU26 Index8 - Ch.46)



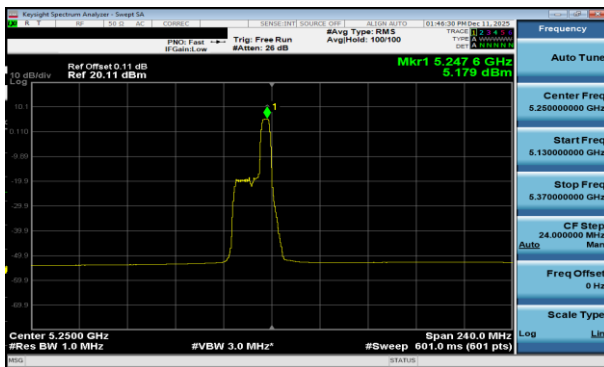
Plot 7-251 PSD SDM Diversity Antenna 5T (40MHz BW 802.11be(RU) RU26 Index8 - Ch.46)



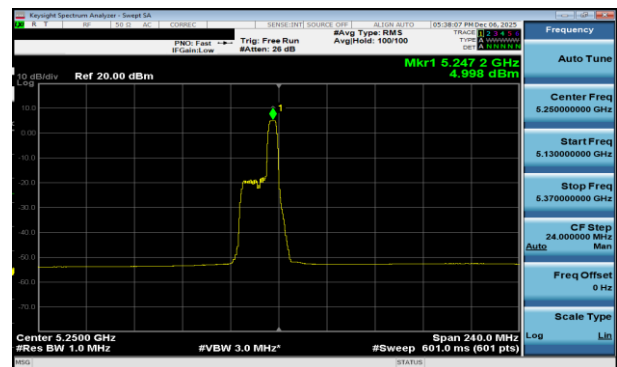
Plot 7-248 PSD SDM Diversity Antenna 1b (80MHz BW 802.11be(RU) RU26 Index17 - Ch.42)



Plot 7-252 PSD SDM Diversity Antenna 5T (80MHz BW 802.11be(RU) RU26 Index17 - Ch.42)

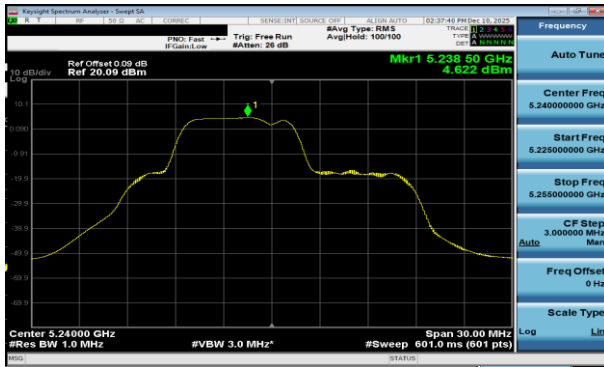


Plot 7-249 PSD SDM Diversity Antenna 1b (160MHz BW 802.11be(RU) RU52 Index52 - Ch.50)

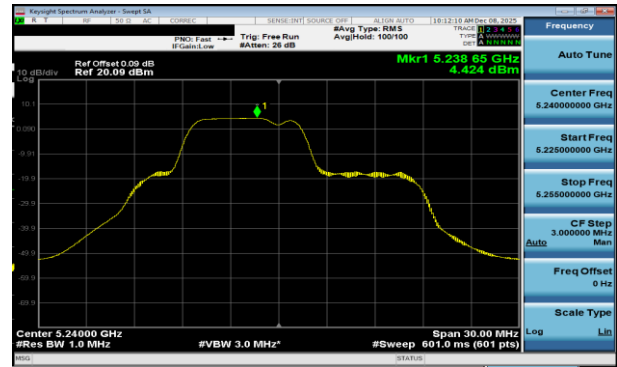


Plot 7-253 PSD SDM Diversity Antenna 5T (160MHz BW 802.11be(RU) RU52 Index52 - Ch.50)

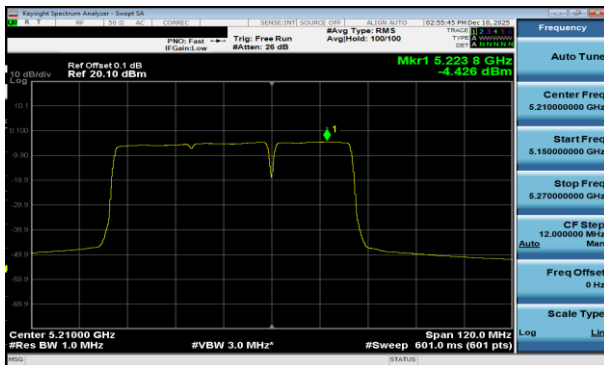
FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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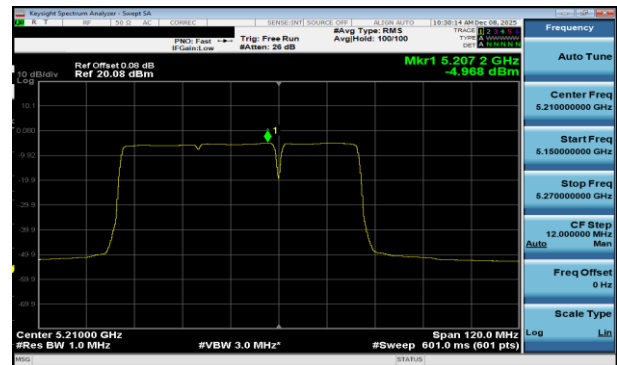
Plot 7-254 PSD SDM Diversity Antenna 1b (20MHz BW 802.11be(RU) RU52+26 Index71 - Ch.48)



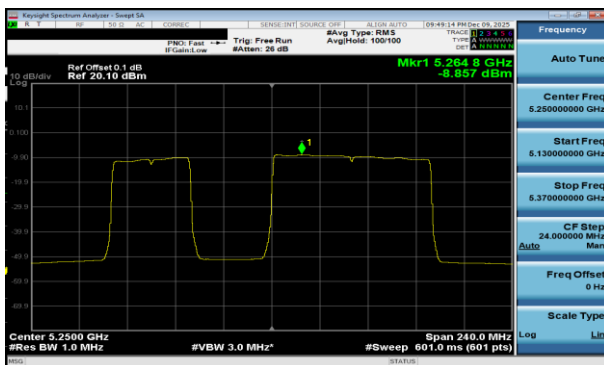
Plot 7-257 PSD SDM Diversity Antenna 5T (20MHz BW 802.11be(RU) RU52+26 Index71 - Ch.48)



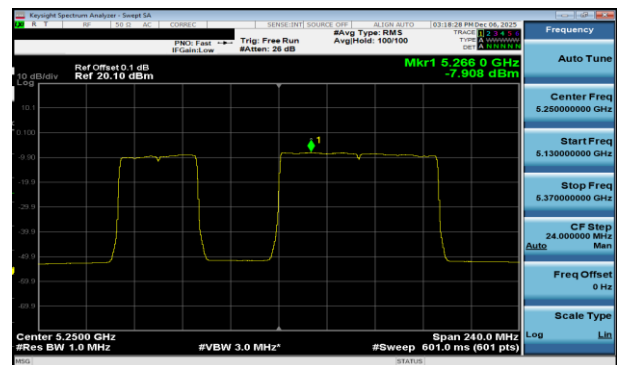
Plot 7-255 PSD CDD Diversity Antenna 1b (80MHz BW 802.11be(RU) RU484+242 Index93 - Ch.42)



Plot 7-258 PSD CDD Diversity Antenna 5T (80MHz BW 802.11be(RU) RU484+242 Index93 - Ch.42)

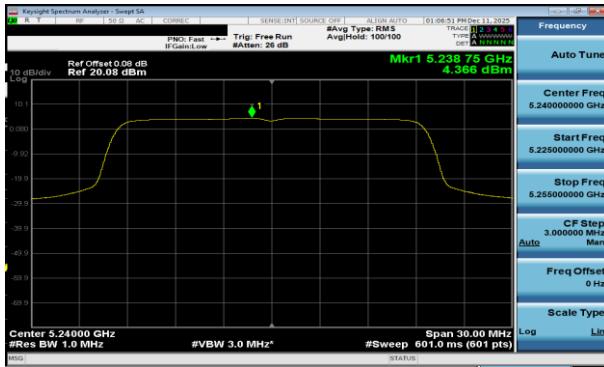


Plot 7-256 PSD CDD Diversity Antenna 1b (160MHz BW 802.11be(RU) RU996+484 Index95 - Ch.50)

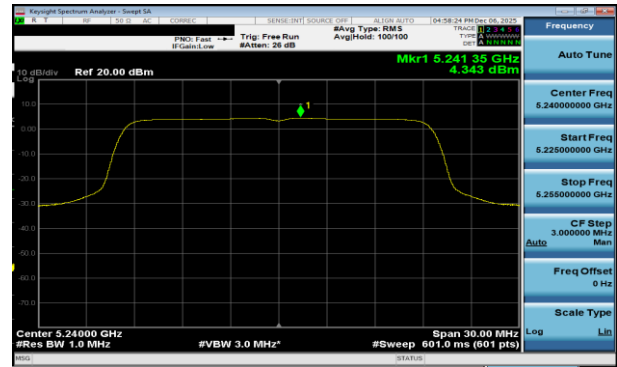


Plot 7-259 PSD CDD Diversity Antenna 5T (160MHz BW 802.11be(RU) RU996+484 Index95 - Ch.50)

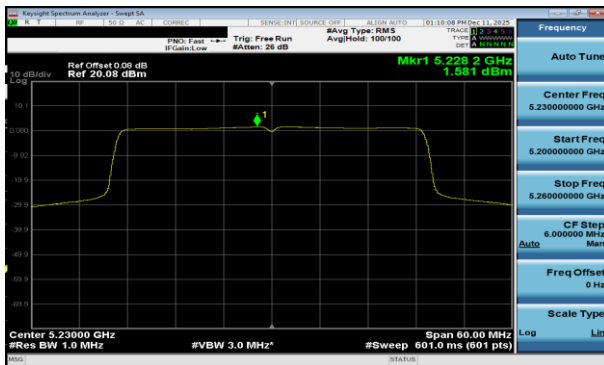
FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-23-R2.BCG	Test Dates: 08/22/2025 - 1/19/2025	EUT Type: Tablet Device	Page 144 of 380



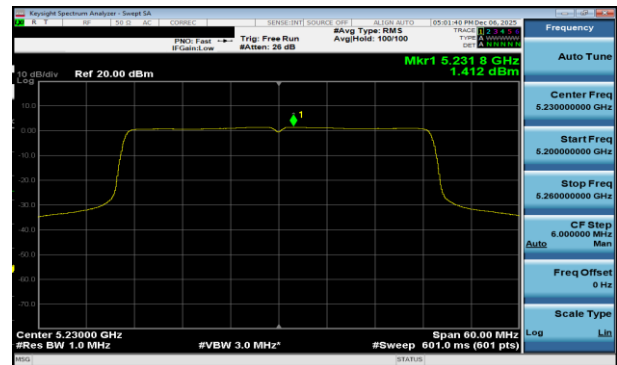
Plot 7-260 PSD SDM Diversity Antenna 1b (20MHz BW 802.11be(RU) RU242 Index61 - Ch.48)



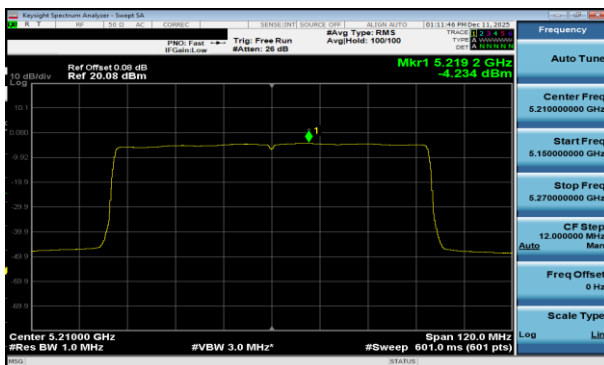
Plot 7-264 PSD SDM Diversity Antenna 5T (20MHz BW 802.11be(RU) RU242 Index61 - Ch.48)



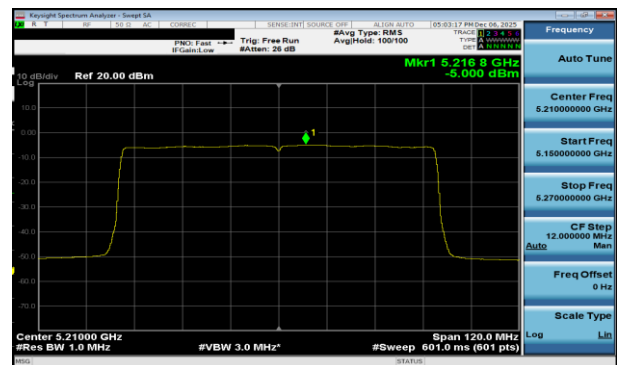
Plot 7-261 PSD SDM Diversity Antenna 1b (40MHz BW 802.11be(RU) RU484 Index65 - Ch.46)



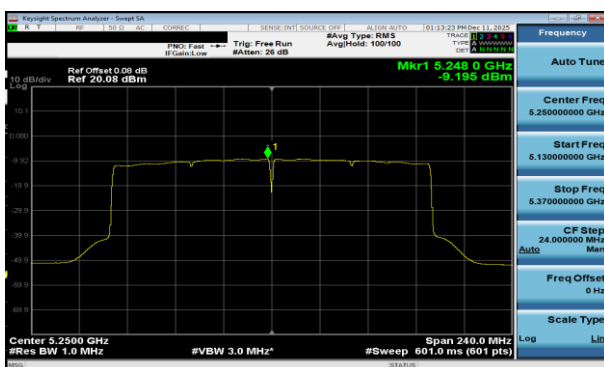
Plot 7-265 PSD SDM Diversity Antenna 5T (40MHz BW 802.11be(RU) RU484 Index65 - Ch.46)



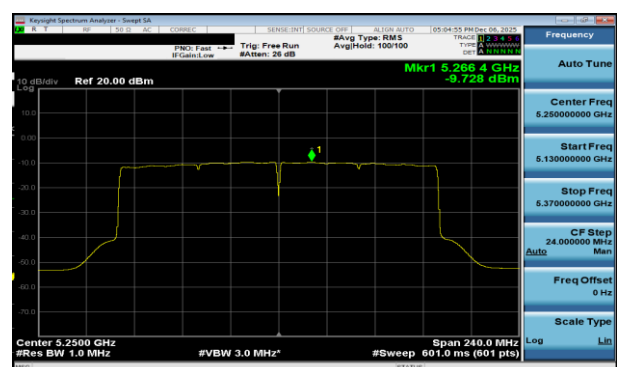
Plot 7-262 PSD CDD Diversity Antenna 1b (80MHz BW 802.11be(RU) RU996 Index67 - Ch.42)



Plot 7-266 PSD CDD Diversity Antenna 5T (80MHz BW 802.11be(RU) RU996 Index67 - Ch.42)



Plot 7-263 PSD CDD Diversity Antenna 1b (160MHz BW 802.11be(RU) RU996X2 Index68 - Ch.50)



Plot 7-267 PSD CDD Diversity Antenna 5T (160MHz BW 802.11be(RU) RU996X2 Index68 - Ch.50)

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Note:

Per ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 and KDB 662911 v02r01 Section E)1), the conducted powers at Antenna 5T and Antenna 3b were first measured separately during CDD/SDM transmission as shown in the section above. The measured values were then summed in linear power units then converted back to dBm.

Per ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 Section 14.6.3, the directional gain is calculated using the following formula, where G_N is the gain of the nth antenna and N_{ANT} , the total number of antennas used.

$$\text{Directional gain} = 10 \log[(10^{G_1/20} + 10^{G_2/20} + \dots + 10^{G_N/20})^2 / N_{ANT}] \text{ dBi}$$

Per ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 Section 14.6.3, the uncorrelated directional gain is calculated using the following formula, where G_N is the gain of the nth antenna and N_{ANT} , the total number of antennas used.

$$\text{Directional gain} = 10 \log[(10^{G_1/10} + 10^{G_2/10} + \dots + 10^{G_N/10}) / N_{ANT}] \text{ dBi}$$

Sample CDD/SDM Calculation:

At 5180MHz in 802.11be(RU) (20MHz BW) mode, the power spectral density was measured to be 4.16 dBm for Antenna 5T and 3.26 dBm for Antenna 3b.

$$\text{Antenna 5T} + \text{Antenna 3b} = \text{CDD/SDM}$$

$$(4.16 \text{ dBm} + 3.26 \text{ dBm}) = (2.606 \text{ mW} + 2.118 \text{ mW}) = 4.724 \text{ mW} = 6.74 \text{ dBm}$$

Sample e.i.r.p. Calculation:

At 5180MHz in 802.11be(RU) (20MHz BW) mode, the average MIMO power spectral density was calculated to be 6.74 dBm with directional gain of -1.38 dBi.

$$\begin{aligned} \text{e.i.r.p. (dBm)} &= \text{Power Density (dBm)} + \text{Ant gain (dBi)} \\ 6.74 \text{ dBm} + (-1.38) \text{ dBi} &= 5.36 \text{ dBm} \end{aligned}$$

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7.6 Radiated Spurious Emission – Above 1GHz

§15.407(b) §15.205 §15.209; RSS-Gen [8.9]

Test Overview and Limit

All out of band radiated spurious emissions are measured with a spectrum analyzer connected to a receive antenna while the EUT is operating at its maximum duty cycle, at its maximum power control level, as defined in ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 and KDB 789033 D02 v02r01, and at the appropriate frequencies. All channels, modes (e.g. RU26, 52 Tones, RU106, RU242, RU484, RU996 and RU996x2), and modulations/data rates were investigated among all UNII bands. Only the radiated emissions of the configuration that produced the worst case emissions are reported in this section.

For transmitters operating in the 5.15-5.25 GHz and 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz.

For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an EIRP of -27 dBm/MHz.

For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR and Table 7 of RSS-Gen (8.10) must not exceed the limits shown in Table 7-194 per Section 15.209 and RSS-Gen (8.9).

Frequency	Field Strength [μ V/m]	Measured Distance [Meters]
Above 960.0 MHz	500	3

Table 7-194. Radiated Limits

Test Procedures Used

ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 – Subclauses 12.7.7, 12.7.6
KDB 789033 D02 v02r01 – Section G

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Test Settings

Average Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = power average (RMS)
5. Number of measurement points = 1001 (Number of points must be $\geq 2 \times \text{span/RBW}$)
6. Averaging type = power (RMS)
7. Sweep time = auto couple
8. Trace was averaged over 100 sweeps

Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.

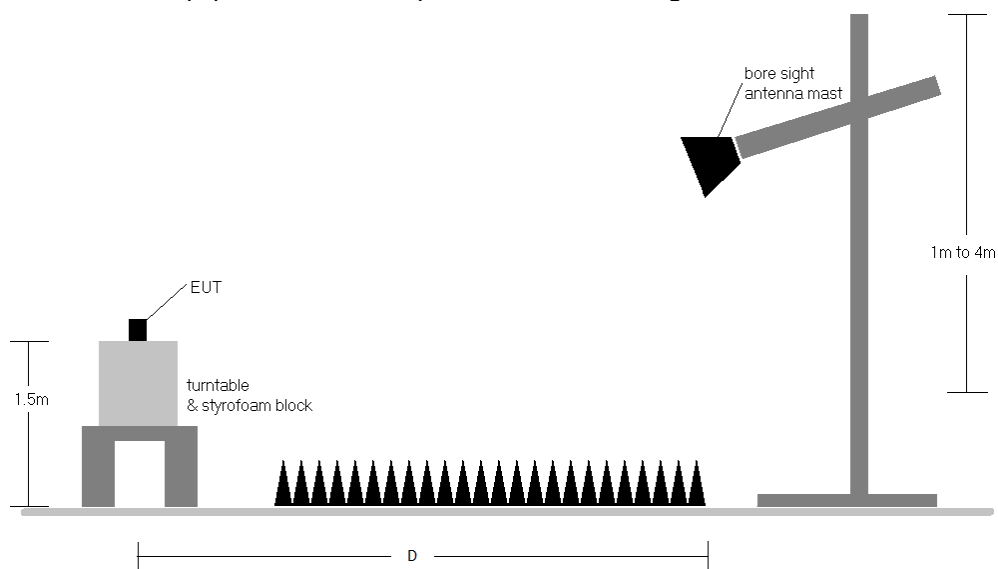


Figure 7-5. Test Instrument & Measurement Setup

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Test Notes

1. All emissions that lie in the restricted bands (denoted by a * next to the frequency) specified in §15.205 and Section 8.10 of RSS-Gen are below the limit shown in Table 7-194.
2. All spurious emissions lying in restricted bands specified in §15.205 and Section 8.10 of RSS-Gen are below the limit shown in Table 7-194. All spurious emissions that do not lie in a restricted band are subject to a peak limit of -27dBm/MHz. At a distance of 3 meters, the field strength limit in dB μ V/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dB μ V/m.
3. The antenna is manipulated through typical positions, polarity and length during the tests. The EUT is manipulated through three orthogonal planes.
4. This unit was tested with its standard battery.
5. The spectrum is measured from 9kHz to the 10th harmonic of the fundamental frequency of the transmitter using CISPR quasi peak detector below 1GHz. Above 1 GHz, average and peak measurements were taken using linearly polarized horn antennas.
6. D is the measurement test distance and emissions 1-18GHz were measured at a 3 meters test distance while emissions above 18GHz were measured at a 1 meter test distance with the application of a distance correction factor.
7. The wide spectrum spurious emissions plots shown on the following pages are used only for the purpose of emission identification. Any emissions found to be within 20dB of the limit are fully investigated and the results are shown in this section.
8. The "-" shown in the following RSE tables are used to denote a noise floor measurement.
9. This device operates under these frequencies only under the control of a certified master device and does not support active scanning on these channels. This device does not transmit any beacons or initiate any transmissions in UNII Bands 2A or 2C.
10. For radiated measurements, emissions were investigated for the fully-loaded RU configuration and for all of the partially-loaded RU configurations. Among all of the available partially-loaded RU configurations, only the configuration with the worst case emissions is reported.

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Sample Calculations

Determining Spurious Emissions Levels

- Field Strength Level $_{\text{[dB}\mu\text{V/m]}} = \text{Analyzer Level}_{\text{[dBm]}} + 107 + \text{AFCL}_{\text{[dB/m]}}$
- $\text{AFCL}_{\text{[dB/m]}} = \text{Antenna Factor}_{\text{[dB/m]}} + \text{Cable Loss}_{\text{[dB]}} - \text{Preamplifier Gain}_{\text{[dB]}}$
- $\text{Margin}_{\text{[dB]}} = \text{Field Strength Level}_{\text{[dB}\mu\text{V/m]}} - \text{Limit}_{\text{[dB}\mu\text{V/m]}}$

Radiated Band Edge Measurement Offset

- The amplitude offset shown in the radiated restricted band edge plots in Section 7.6.3 to 7.6.22 was calculated using the formula:

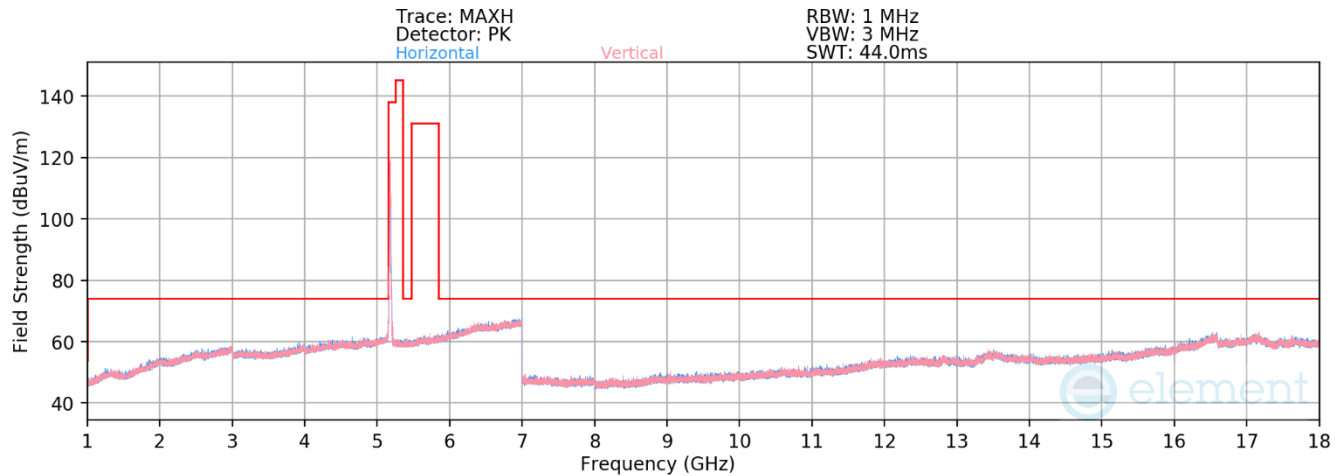
$$\text{Offset (dB)} = (\text{Antenna Factor} + \text{Cable Loss} + \text{Attenuator}) - \text{Preamplifier Gain}$$

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7.6.1 CDD Primary Radiated Spurious Emissions

RU26



Plot 7-268. Radiated Spurious Emissions above 1GHz CDD Primary (11be – Ch.36 – RU26)

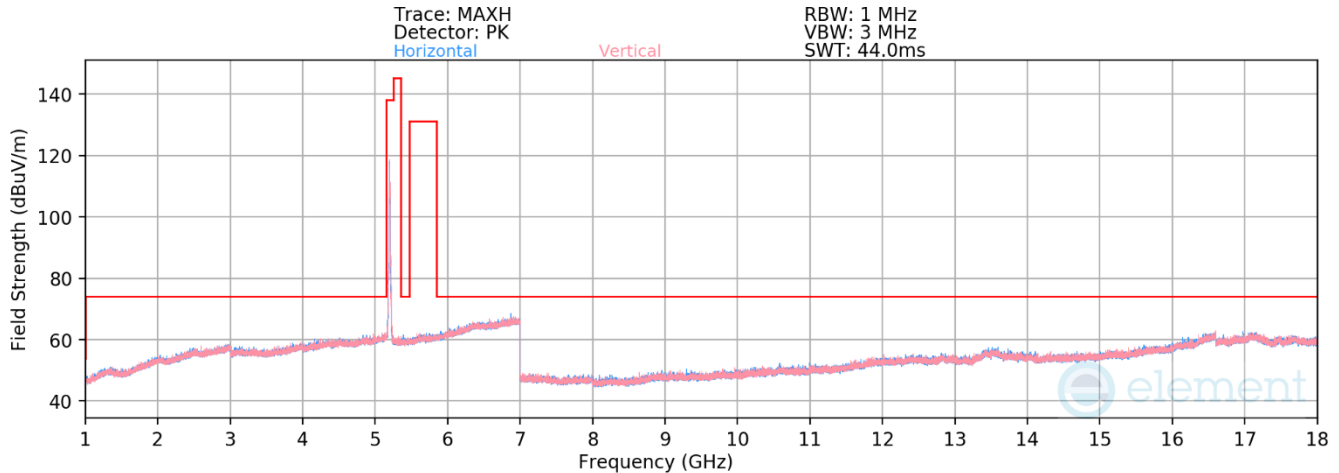
Mode:	802.11be (20MHz BW)
Data Rate:	MCS0
RU Index:	4
Distance of Measurements:	3 Meters
Operating Frequency:	5180MHz
Channel:	36

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
10360.00	Peak	V	-	-	-72.38	17.24	51.87	68.23	-16.36
* 15540.00	Average	V	-	-	-85.28	24.73	46.45	53.98	-7.53
* 15540.00	Peak	V	-	-	-73.78	24.73	57.94	73.98	-16.04

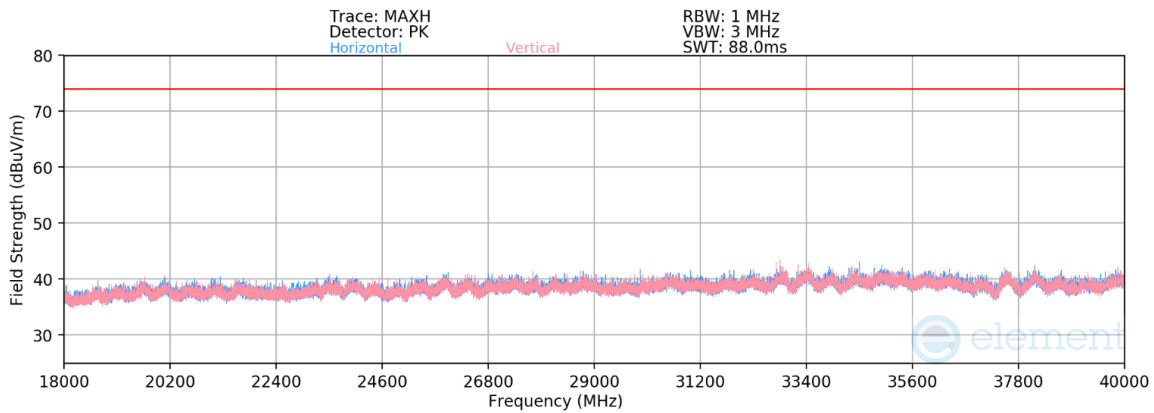
Table 7-195. Radiated Measurements CDD Primary (RU26)

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-269. Radiated Spurious Emissions above 1GHz CDD Primary (11be – Ch.40 – RU26)



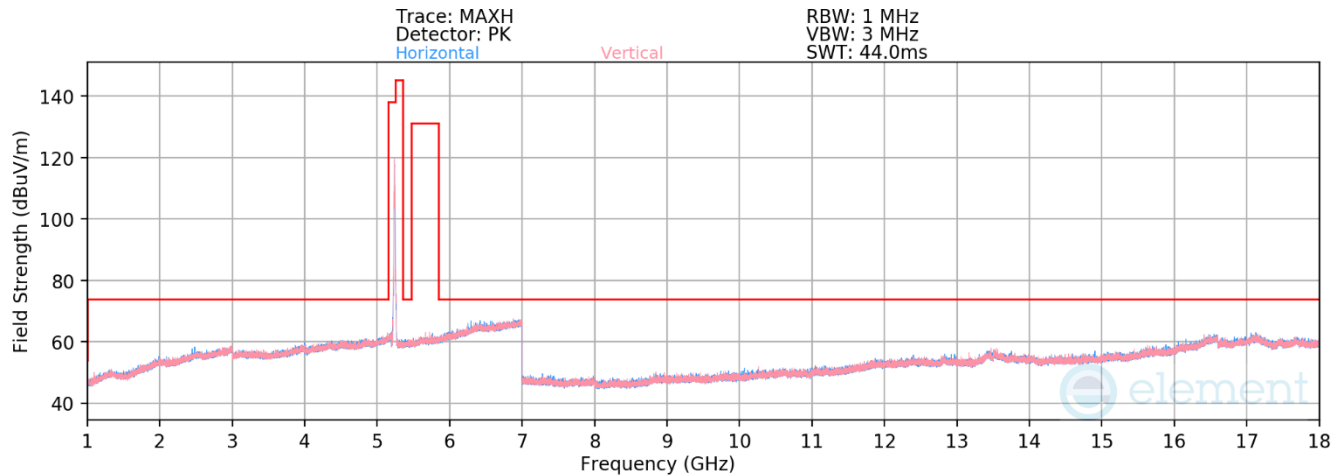
Plot 7-270. Radiated Spurious Emissions 18 GHz - 40GHz CDD Primary (11be Ch.40 — RU26)

Mode:	802.11be (20MHz BW)
Data Rate:	MCS0
RU Index:	4
Distance of Measurements:	3 Meters
Operating Frequency:	5200MHz
Channel:	40

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10400.00	Peak	V	-	-	-72.59	17.63	0.00	52.04	68.23	-16.19
* 15600.00	Average	H	-	-	-85.47	24.91	0.00	46.44	53.98	-7.54
* 15600.00	Peak	H	-	-	-73.85	24.91	0.00	58.06	73.98	-15.92
* 20800.00	Average	V	-	-	-61.54	-7.64	-9.54	28.28	53.98	-25.70
* 20800.00	Peak	V	-	-	-50.09	-7.64	-9.54	39.74	73.98	-34.24
26000.00	Peak	H	-	-	-50.55	-5.88	-9.54	41.03	68.23	-27.20
* 31200.00	Average	H	-	-	-63.78	-3.74	-9.54	29.94	53.98	-24.04
* 31200.00	Peak	H	-	-	-52.46	-3.74	-9.54	41.26	73.98	-32.72

Table 7-196. Radiated Measurements CDD Primary (RU26)

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-271. Radiated Spurious Emissions above 1GHz CDD Primary (11be – Ch.48 – RU26)

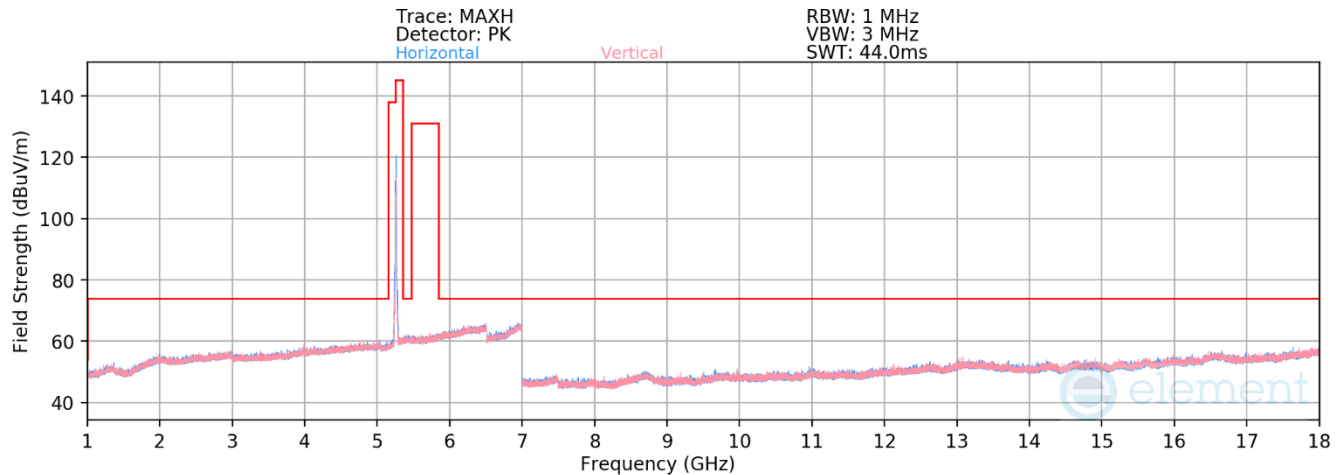
Mode: 802.11be (20MHz BW)
Data Rate: MCS0
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5240MHz
Channel: 48

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10480.00	Peak	V	-	-	-72.46	17.66	52.19	68.23	-16.04
* 15720.00	Average	V	-	-	-85.82	25.61	46.79	53.98	-7.19
* 15720.00	Peak	V	-	-	-74.39	25.61	58.22	73.98	-15.76

Table 7-197. Radiated Measurements CDD Primary (RU26)

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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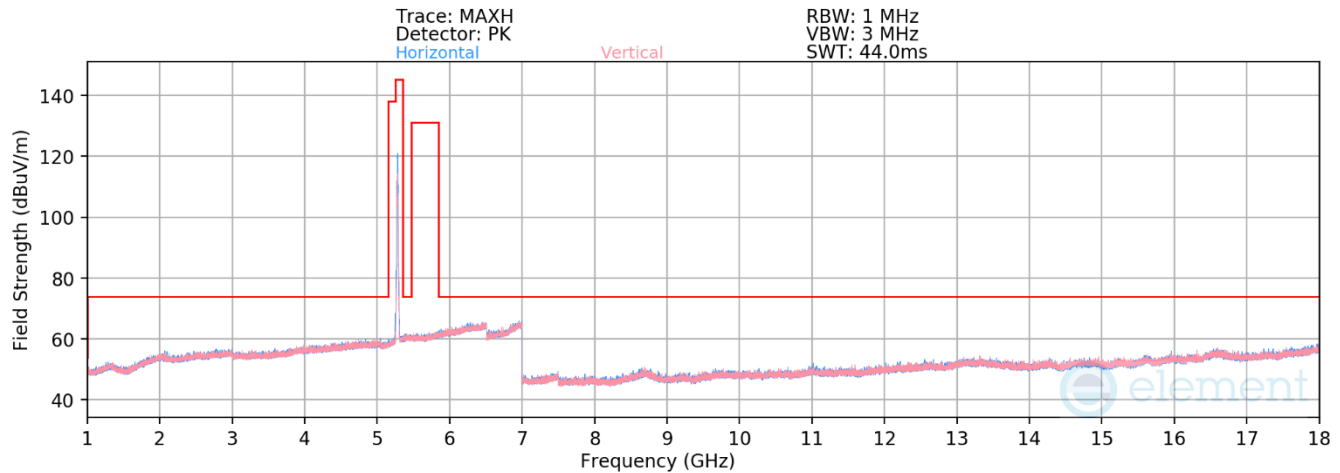
Plot 7-272. Radiated Spurious Emissions above 1GHz CDD Primary (11be – Ch.52 – RU26)

Mode: 802.11be (20MHz BW)
Data Rate: MCS0
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5260MHz
Channel: 52

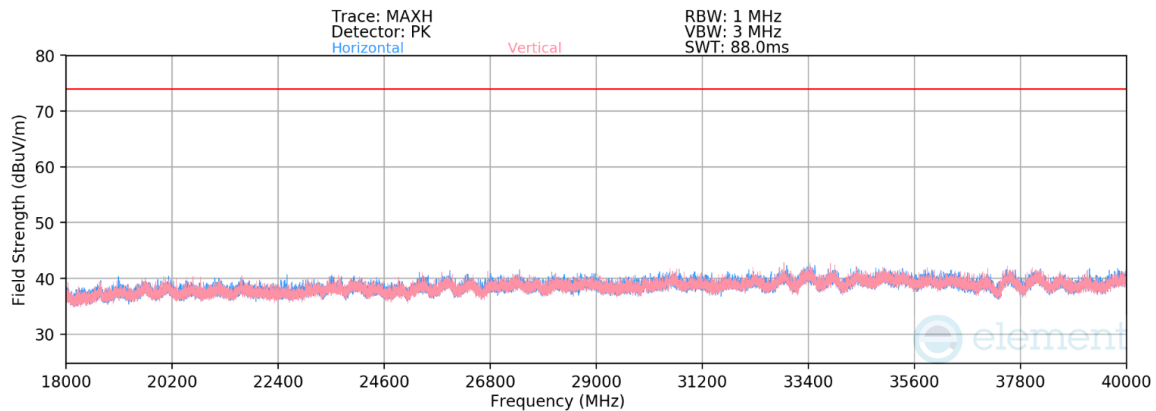
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10520.00	Peak	H	-	-	-69.85	12.70	49.85	68.23	-18.38
* 15780.00	Average	H	-	-	-81.72	17.72	43.00	53.98	-10.98
* 15780.00	Peak	H	-	-	-70.68	17.72	54.04	73.98	-19.94

Table 7-198. Radiated Measurements CDD Primary (RU26)

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-273. Radiated Spurious Emissions above 1GHz CDD Primary (11be - Ch.56 - RU26)



Plot 7-274. Radiated Spurious Emissions 18 GHz - 40GHz CDD Primary (11be Ch.56 - RU26)

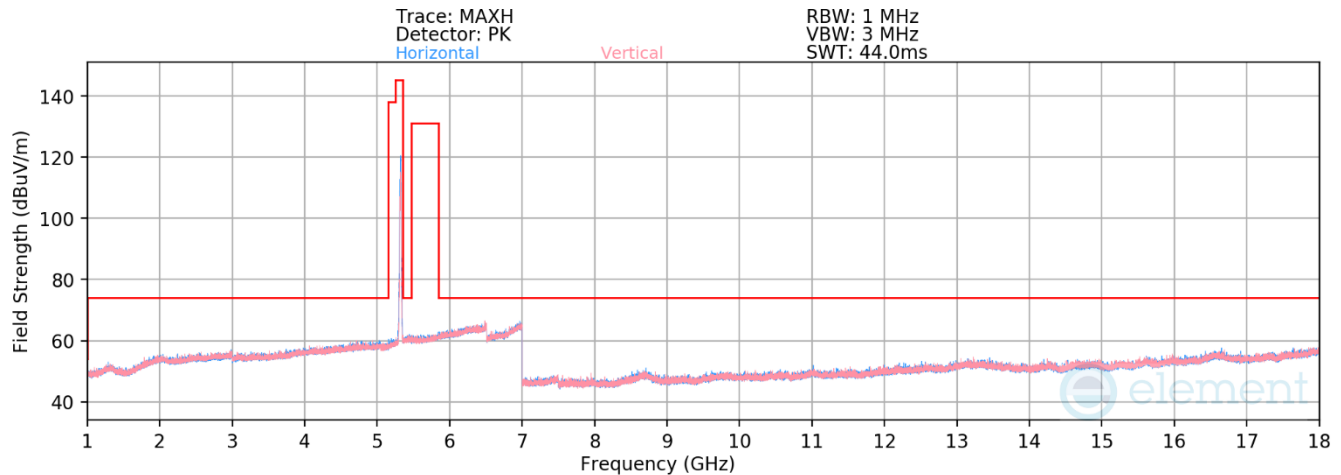
Mode: 802.11be (20MHz BW)
Data Rate: MCS0
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5280MHz
Channel: 56

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
10560.00	Peak	H	-	-	-69.36	12.35	0.00	49.99	68.23	-18.24
* 15840.00	Average	H	-	-	-81.39	17.59	0.00	43.20	53.98	-10.78
* 15840.00	Peak	H	-	-	-70.36	17.59	0.00	54.23	73.98	-19.75
* 21120.00	Average	V	-	-	-60.71	-7.64	-9.54	29.11	53.98	-24.87
* 21120.00	Peak	V	-	-	-49.42	-7.64	-9.54	40.40	73.98	-33.58
26400.00	Peak	H	-	-	-50.76	-5.42	-9.54	41.28	68.23	-26.95
* 31680.00	Average	V	-	-	-63.35	-4.05	-9.54	30.06	53.98	-23.92
* 31680.00	Peak	V	-	-	-51.86	-4.05	-9.54	41.55	73.98	-32.43

Table 7-199. Radiated Measurements CDD Primary (RU26)

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-23-R2.BCG	Test Dates: 08/22/2025 - 1/19/2025	EUT Type: Tablet Device	Page 155 of 380

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Plot 7-275. Radiated Spurious Emissions above 1GHz CDD Primary (11be – Ch.64 – RU26)

Mode: 802.11be (20MHz BW)

Data Rate: MCS0

RU Index: 4

Distance of Measurements: 3 Meters

Operating Frequency: 5320MHz

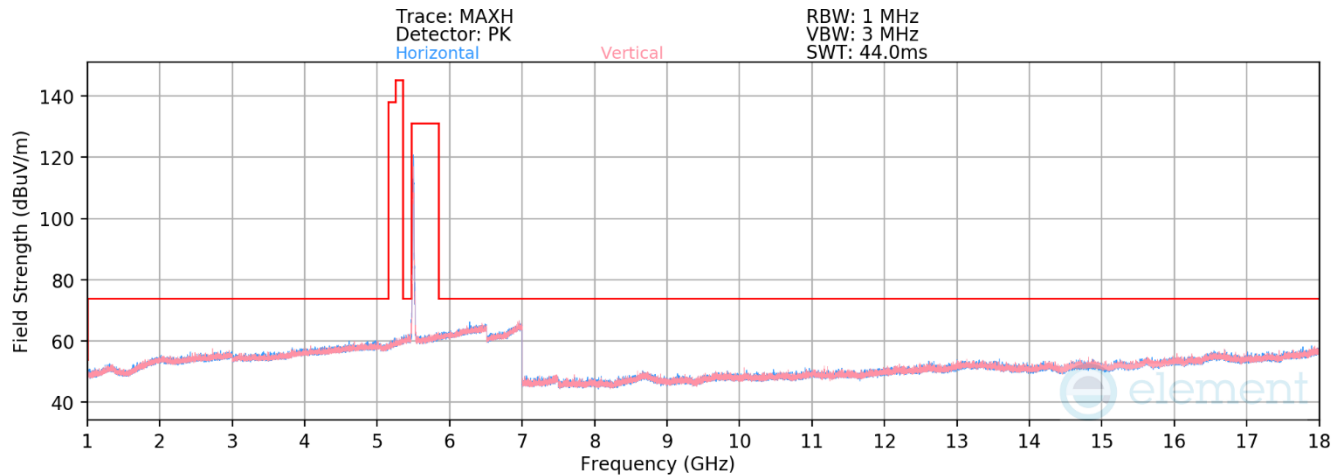
Channel: 64

	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
*	10640.00	Average	V	-	-	-80.15	12.24	39.09	53.98	-14.89
*	10640.00	Peak	V	-	-	-69.12	12.24	50.12	73.98	-23.86
*	15960.00	Average	V	-	-	-81.11	17.65	43.54	53.98	-10.44
*	15960.00	Peak	V	-	-	-70.71	17.65	53.94	73.98	-20.04

Table 7-200. Radiated Measurements CDD Primary (RU26)

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-23-R2.BCG	Test Dates: 08/22/2025 - 1/19/2025	EUT Type: Tablet Device	Page 156 of 380

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Plot 7-276. Radiated Spurious Emissions above 1GHz CDD Primary (11be – Ch.100 – RU26)

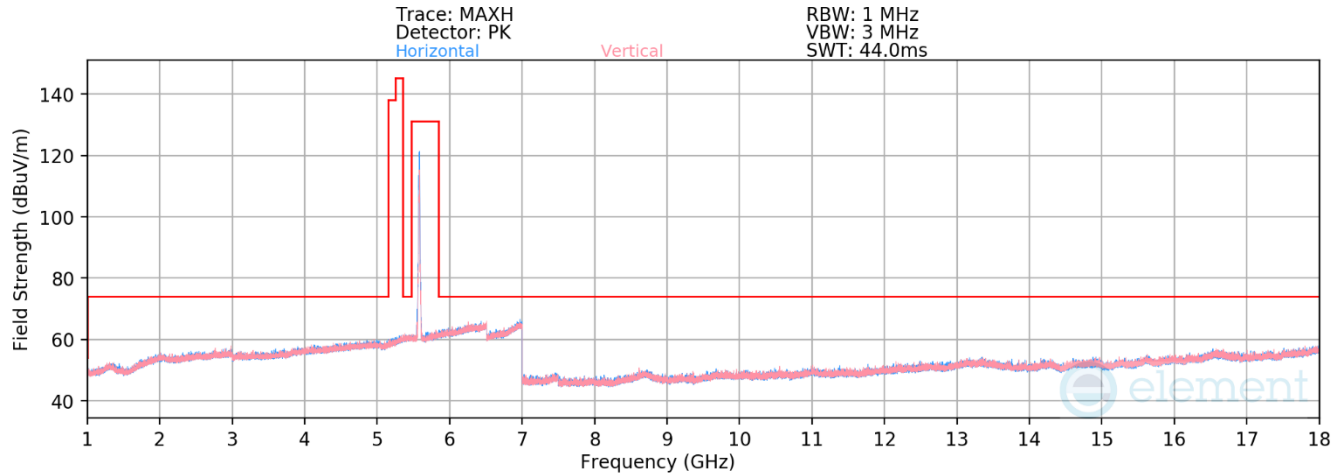
Mode: 802.11be (20MHz BW)
 Data Rate: MCS0
 RU Index: 4
 Distance of Measurements: 3 Meters
 Operating Frequency: 5500MHz
 Channel: 100

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11000.00	Average	H	-	-	-80.78	12.88	39.10	53.98	-14.88
* 11000.00	Peak	H	-	-	-69.23	12.88	50.65	73.98	-23.33
16500.00	Peak	H	-	-	-70.86	18.85	54.99	68.23	-13.24

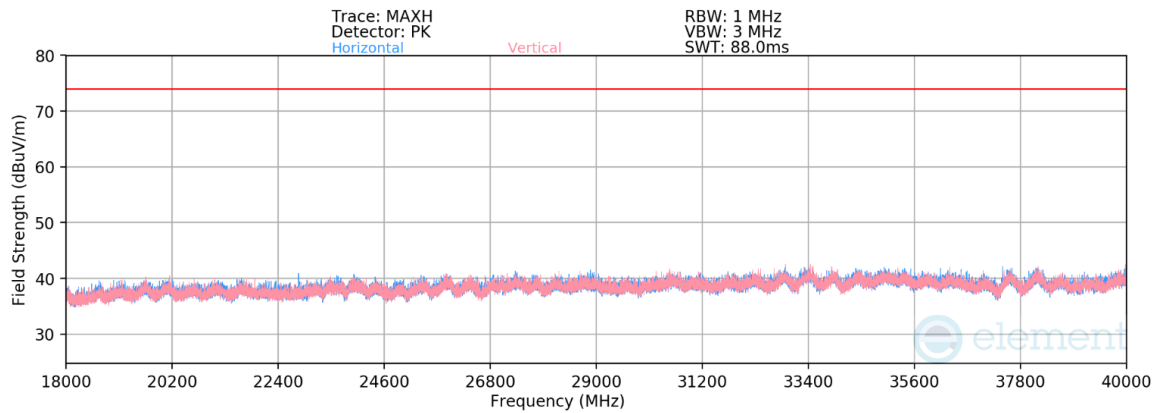
Table 7-201. Radiated Measurements CDD Primary (RU26)

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-23-R2.BCG	Test Dates: 08/22/2025 - 1/19/2025	EUT Type: Tablet Device	Page 157 of 380

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Plot 7-277. Radiated Spurious Emissions above 1GHz CDD Primary (11be – Ch.116 – RU26)



Plot 7-278. Radiated Spurious Emissions 18 GHz - 40GHz CDD Primary (11be Ch.116 — RU26)

Mode: 802.11be (20MHz BW)

Data Rate: MCS0

RU Index: 4

Distance of Measurements: 3 Meters

Operating Frequency: 5580MHz

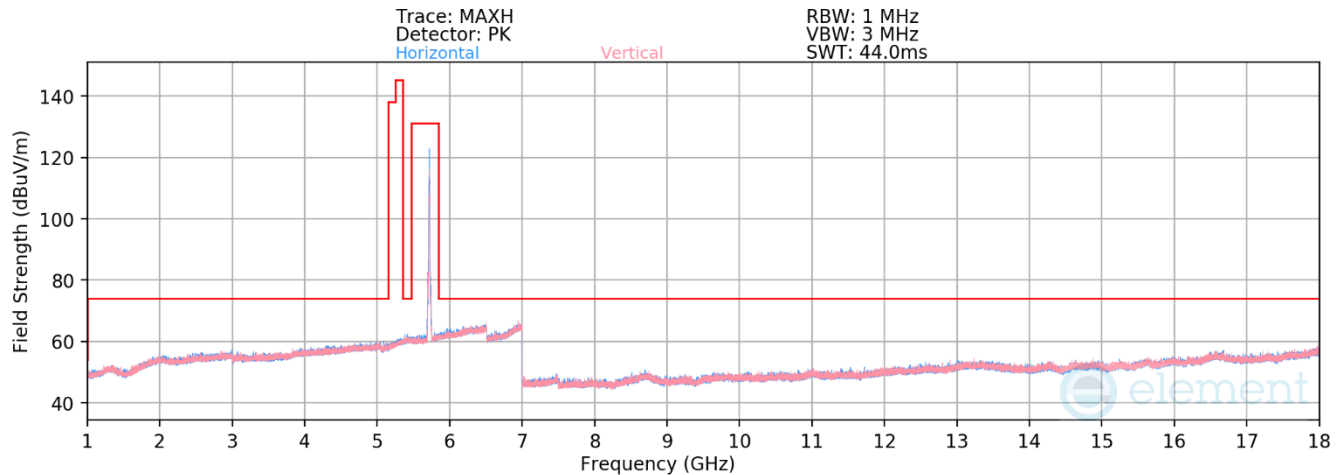
Channel: 116

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11160.00	Average	H	-	-	-80.54	12.56	0.00	39.02	53.98	-14.96
* 11160.00	Peak	H	-	-	-69.21	12.56	0.00	50.35	73.98	-23.63
16740.00	Peak	H	-	-	-71.29	19.35	0.00	55.06	68.23	-13.17
* 22320.00	Average	H	-	-	-61.65	-7.64	-9.54	28.16	53.98	-25.82
* 22320.00	Peak	H	-	-	-50.24	-7.64	-9.54	39.58	73.98	-34.40
27900.00	Peak	V	-	-	-52.45	-4.54	-9.54	40.47	68.23	-27.76
33480.00	Peak	H	-	-	-50.47	-4.38	-9.54	42.61	68.23	-25.62

Table 7-202. Radiated Measurements CDD Primary (RU26)

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-23-R2.BCG	Test Dates: 08/22/2025 - 1/19/2025	EUT Type: Tablet Device	Page 158 of 380

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Plot 7-279. Radiated Spurious Emissions above 1GHz CDD Primary (11be – Ch.144 – RU26)

Mode: 802.11be (20MHz BW)
 Data Rate: MCS0
 RU Index: 4
 Distance of Measurements: 3 Meters
 Operating Frequency: 5720MHz
 Channel: 144

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11440.00	Average	V	-	-	-80.58	13.40	39.82	53.98	-14.16
* 11440.00	Peak	V	-	-	-69.83	13.40	50.57	73.98	-23.41
17160.00	Peak	H	-	-	-71.75	19.27	54.51	68.23	-13.72

Table 7-203. Radiated Measurements CDD Primary (RU26)

FCC ID: BCGA3462 IC: 579C-A3462		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100082-23-R2.BCG	Test Dates: 08/22/2025 - 1/19/2025	EUT Type: Tablet Device	Page 159 of 380

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