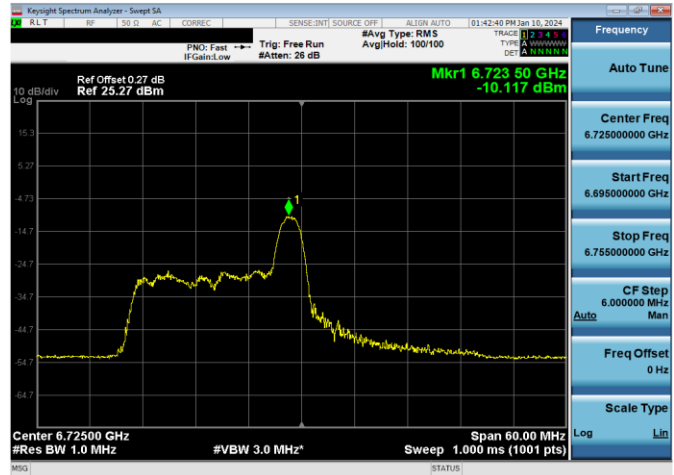
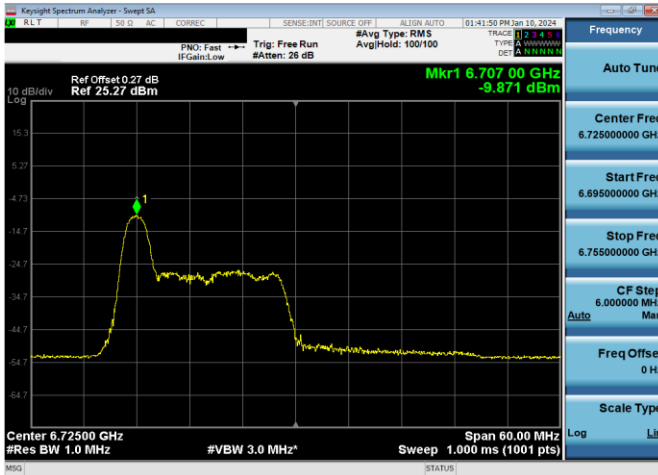


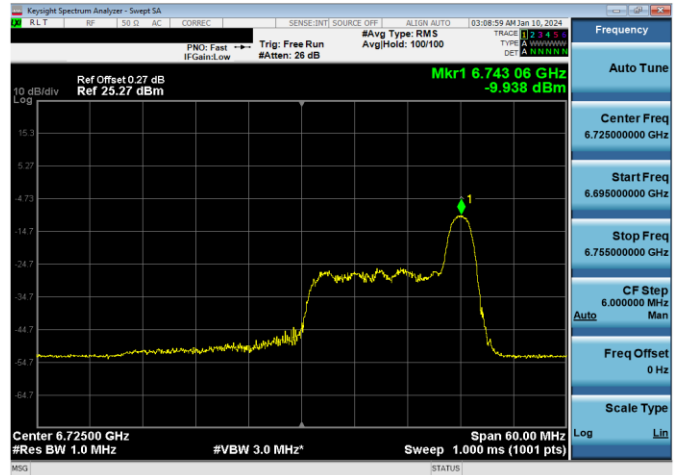
Plot 7-681. LPI Power Spectral Density Plot SDM Primary Antenna 5T (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 155)



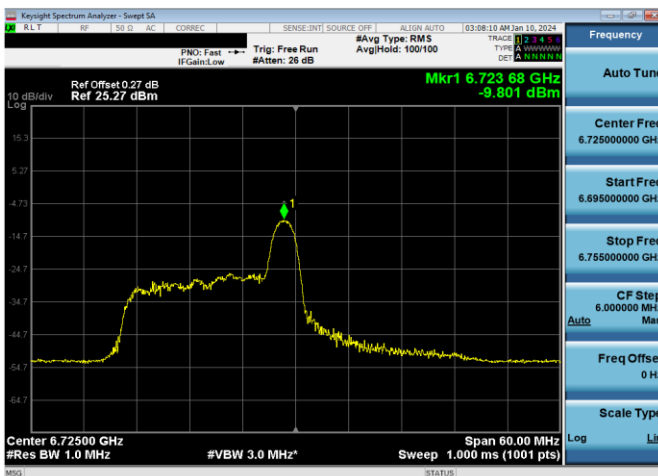
Plot 7-684. LPI Power Spectral Density Plot SDM Primary Antenna 3b (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 155)



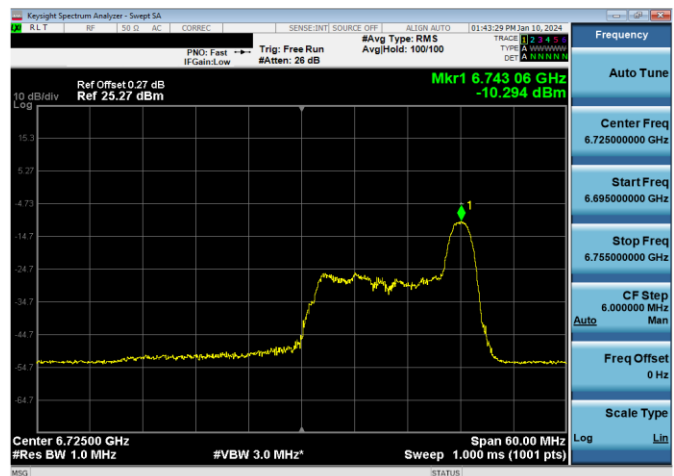
Plot 7-682. LPI Power Spectral Density Plot SDM Primary Antenna 3b (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 155)



Plot 7-685. LPI Power Spectral Density Plot SDM Primary Antenna 5T (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 155)

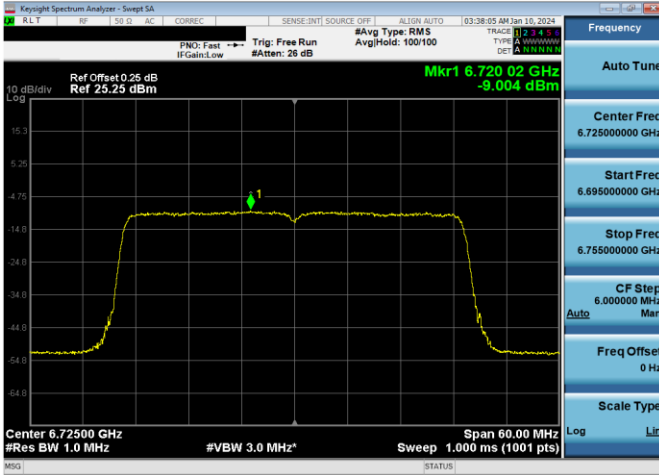


Plot 7-683. LPI Power Spectral Density Plot SDM Primary Antenna 5T (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 155)

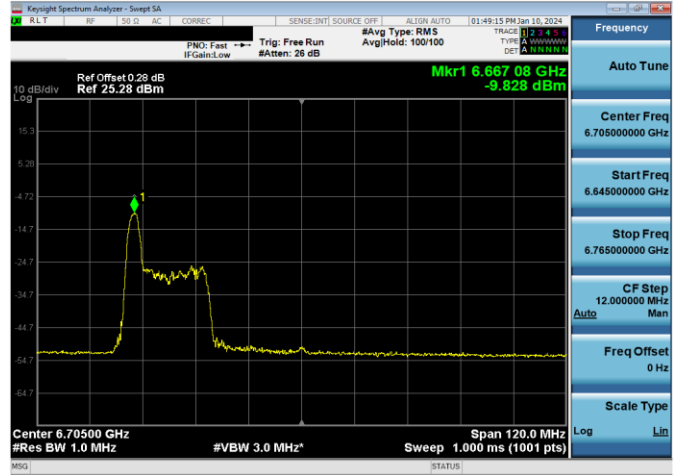


Plot 7-686. LPI Power Spectral Density Plot SDM Primary Antenna 3b (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 155)

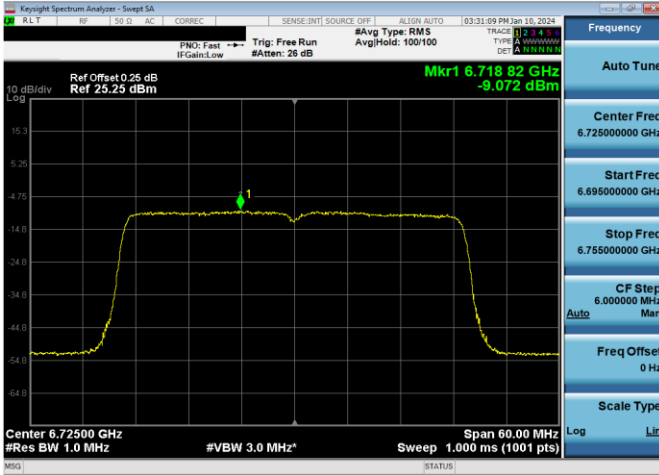
FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-27-R3.BCG	Test Dates: 11/29/2023 - 04/05/2024	EUT Type: Tablet Device	Page 223 of 607



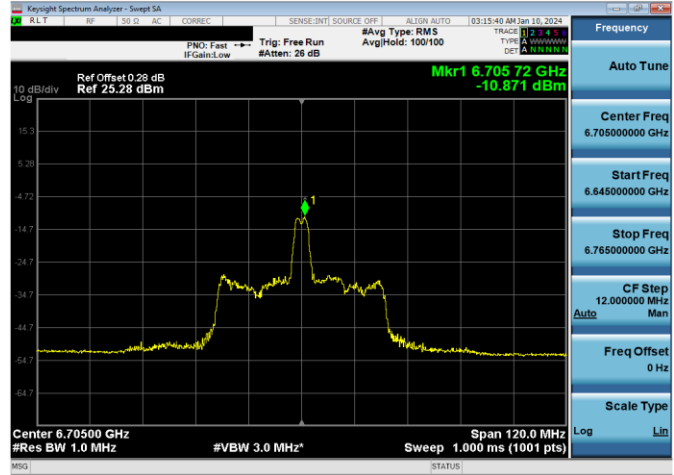
Plot 7-687. LPI Power Spectral Density Plot SDM Primary Antenna 5T (40MHz 802.11ax RU484 (UNII Band 7) – Ch. 155)



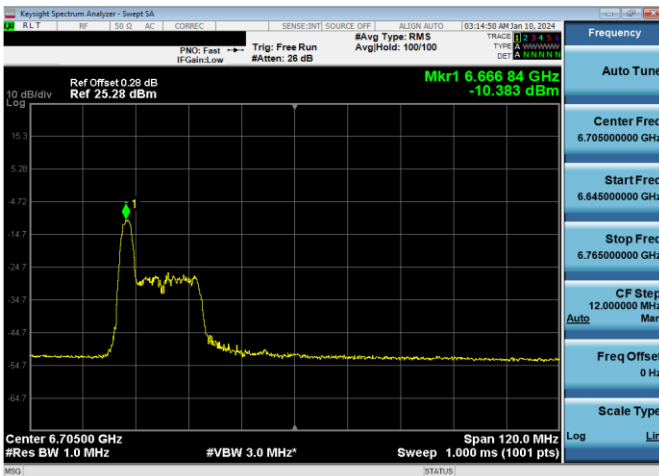
Plot 7-690. LPI Power Spectral Density Plot SDM Primary Antenna 3b (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 151)



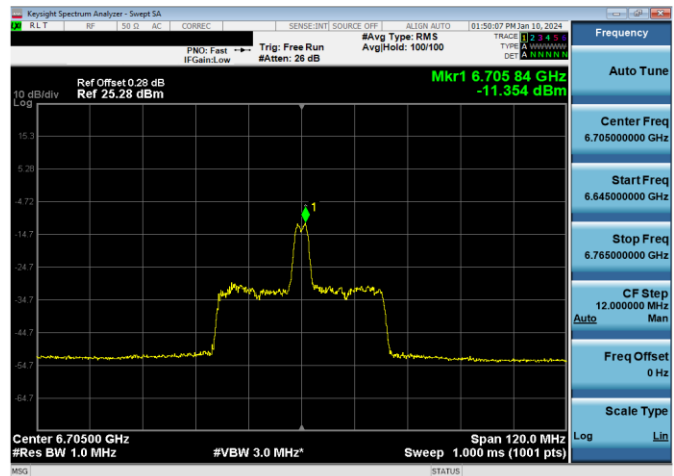
Plot 7-688. LPI Power Spectral Density Plot SDM Primary Antenna 3b (40MHz 802.11ax RU484 (UNII Band 7) – Ch. 155)



Plot 7-691. LPI Power Spectral Density Plot SDM Primary Antenna 5T (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 151)

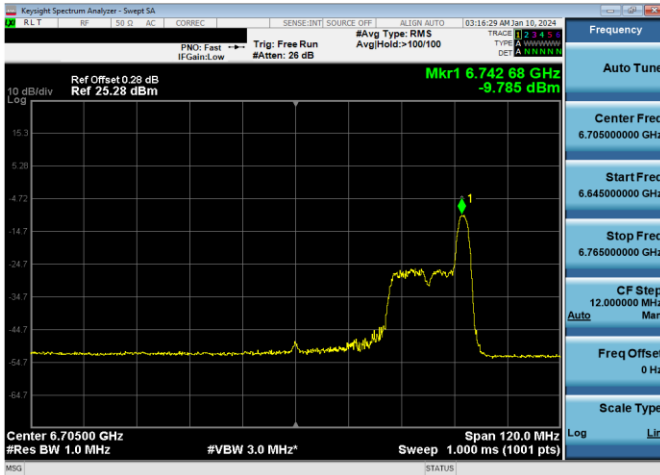


Plot 7-689. LPI Power Spectral Density Plot SDM Primary Antenna 5T (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 151)

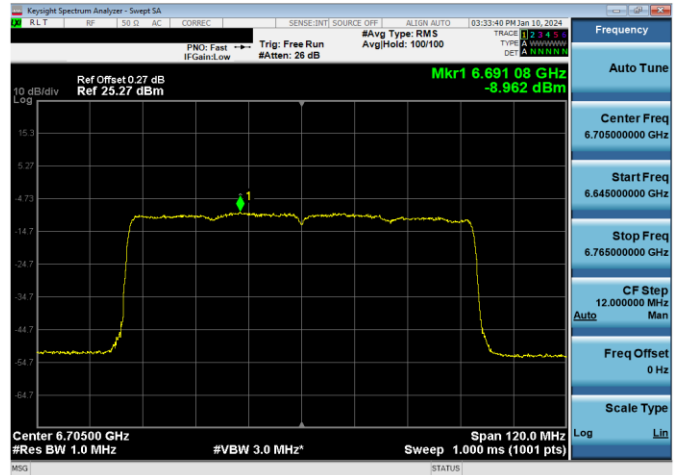


Plot 7-692. LPI Power Spectral Density Plot SDM Primary Antenna 3b (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 151)

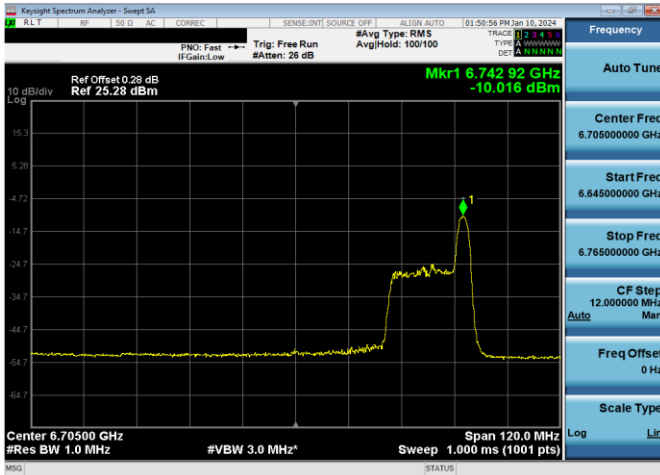
FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-27-R3.BCG	Test Dates: 11/29/2023 - 04/05/2024	EUT Type: Tablet Device	Page 224 of 607



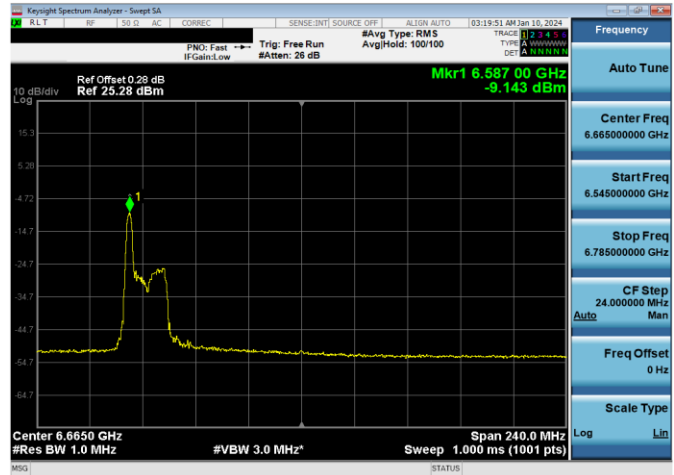
Plot 7-693. LPI Power Spectral Density Plot SDM Primary Antenna 5T (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 151)



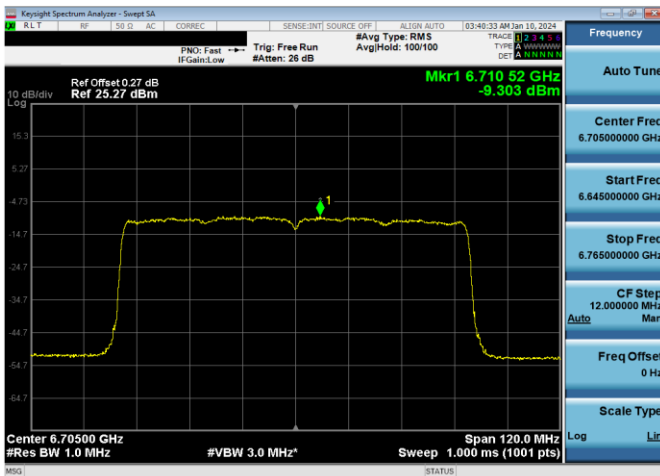
Plot 7-696. LPI Power Spectral Density Plot SDM Primary Antenna 3b (80MHz 802.11ax RU996 (UNII Band 7) – Ch. 151)



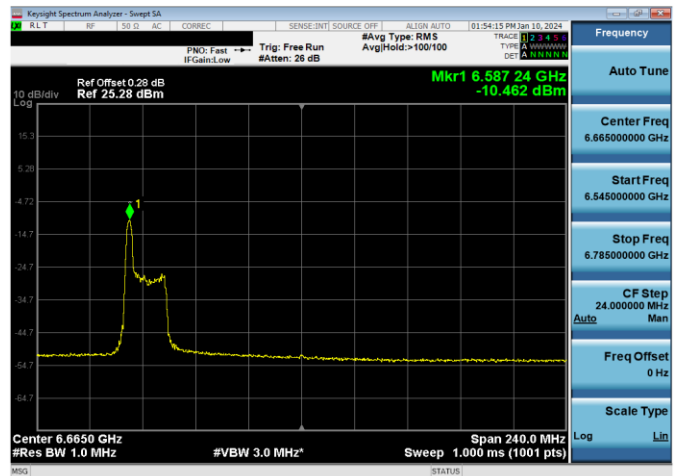
Plot 7-694. LPI Power Spectral Density Plot SDM Primary Antenna 3b (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 151)



Plot 7-697. LPI Power Spectral Density Plot SDM Primary Antenna 5T (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)

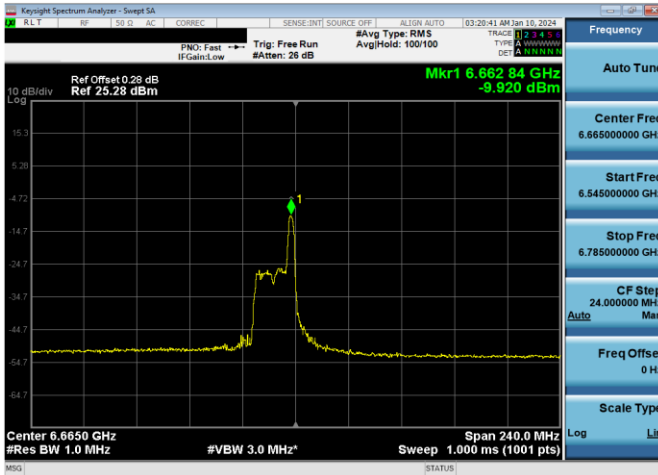


Plot 7-695. LPI Power Spectral Density Plot SDM Primary Antenna 5T (80MHz 802.11ax RU996 (UNII Band 7) – Ch. 151)

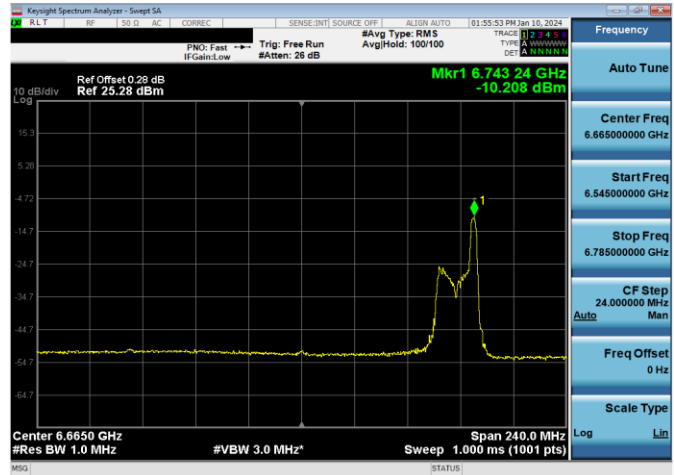


Plot 7-698. LPI Power Spectral Density Plot SDM Primary Antenna 3b (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)

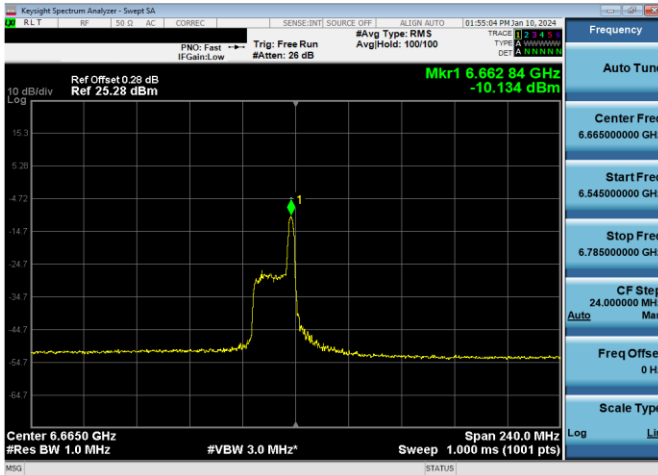
FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-27-R3.BCG	Test Dates: 11/29/2023 - 04/05/2024	EUT Type: Tablet Device	Page 225 of 607



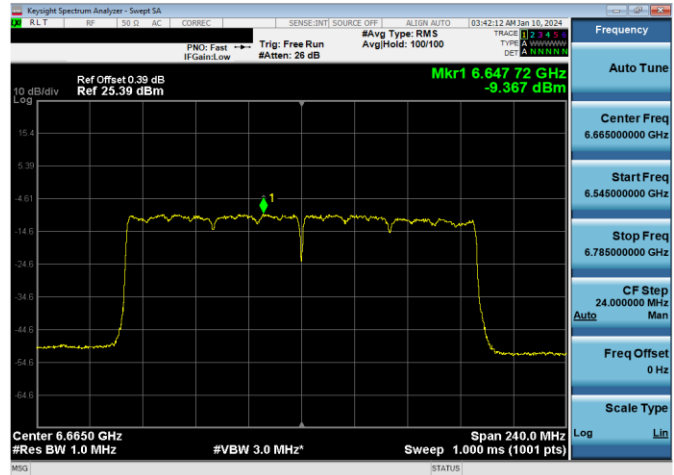
Plot 7-699. LPI Power Spectral Density Plot SDM Primary Antenna 5T (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)



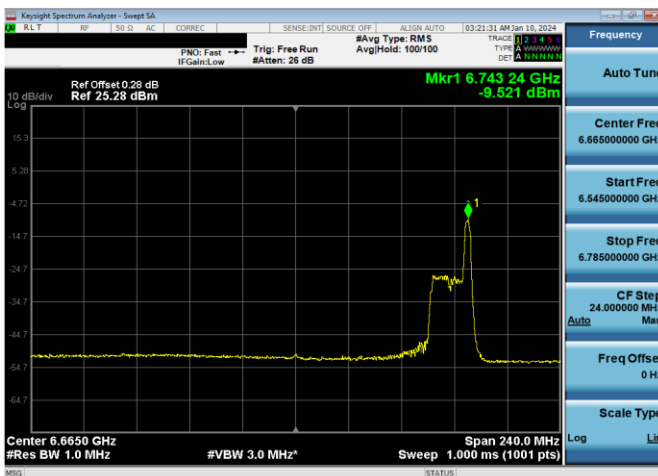
Plot 7-702. LPI Power Spectral Density Plot SDM Primary Antenna 3b (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)



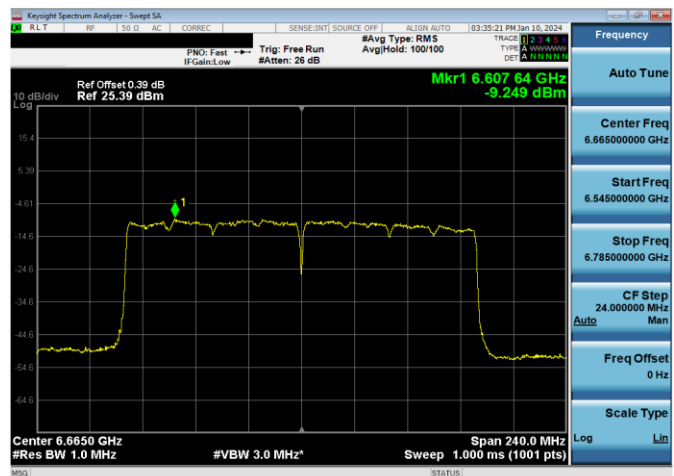
Plot 7-700. LPI Power Spectral Density Plot SDM Primary Antenna 3b (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)



Plot 7-703. LPI Power Spectral Density Plot SDM Primary Antenna 5T (160MHz 802.11ax RU996x2 (UNII Band 7) – Ch. 143)

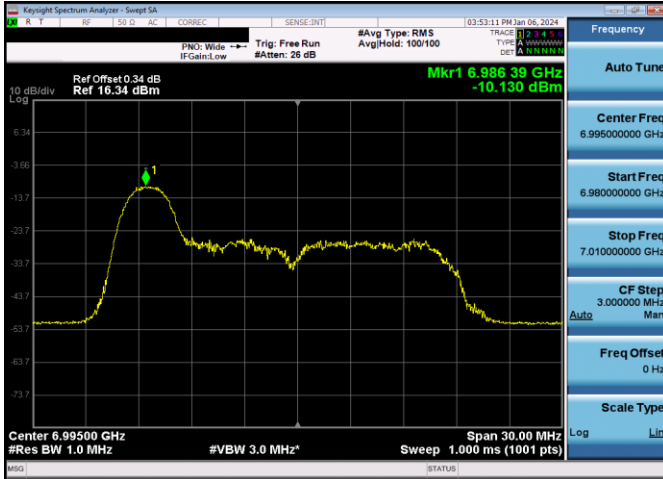


Plot 7-701. LPI Power Spectral Density Plot SDM Primary Antenna 5T (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)

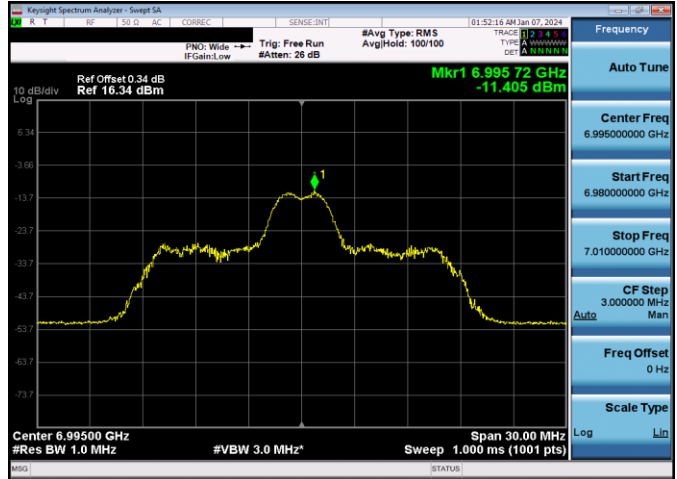


Plot 7-704. LPI Power Spectral Density Plot SDM Primary Antenna 3b (160MHz 802.11ax RU996x2 (UNII Band 7) – Ch. 143)

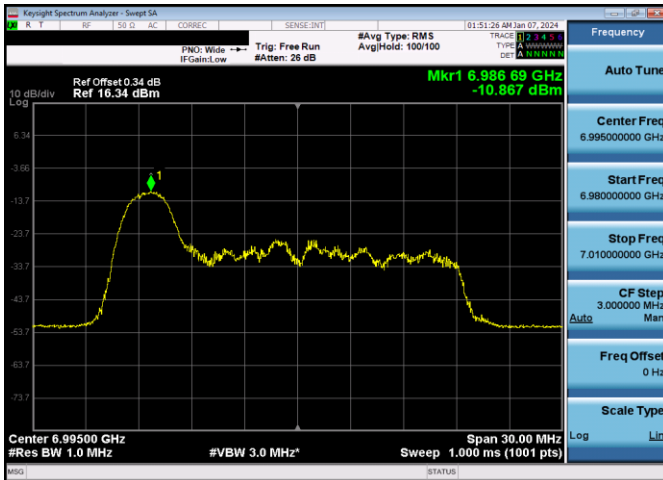
FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-27-R3.BCG	Test Dates: 11/29/2023 - 04/05/2024	EUT Type: Tablet Device	Page 226 of 607



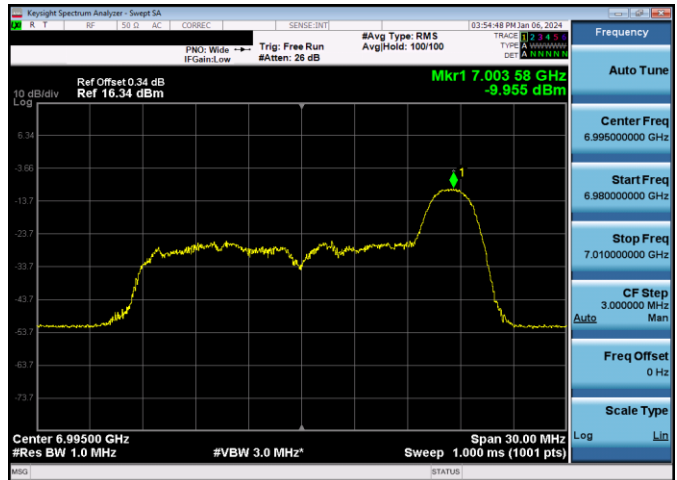
Plot 7-705. LPI Power Spectral Density Plot SDM Primary Antenna 5T (20MHz 802.11ax RU26 (UNII Band 8) – Ch. 209)



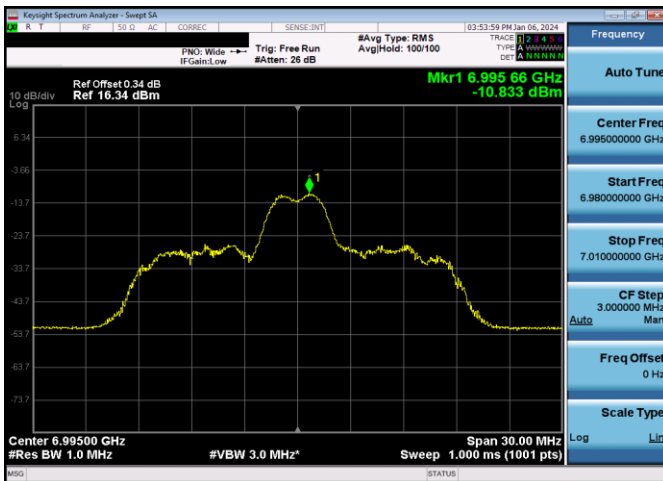
Plot 7-708. LPI Power Spectral Density Plot SDM Primary Antenna 3b (20MHz 802.11ax RU26 (UNII Band 8) – Ch. 209)



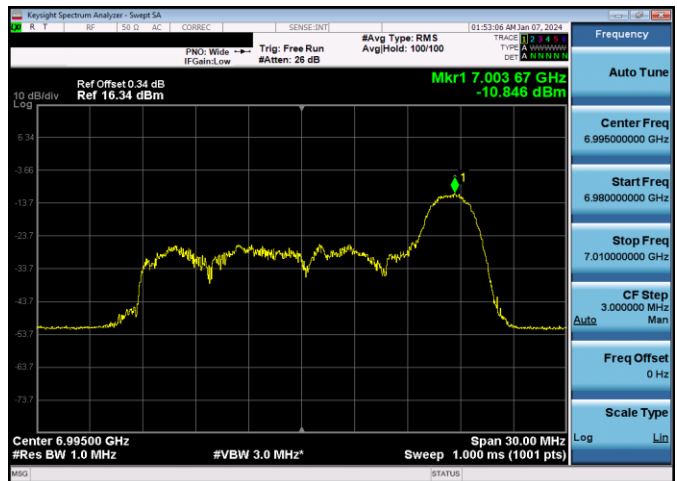
Plot 7-706. LPI Power Spectral Density Plot SDM Primary Antenna 3b (20MHz 802.11ax RU26 (UNII Band 8) – Ch. 209)



Plot 7-709. LPI Power Spectral Density Plot SDM Primary Antenna 5T (20MHz 802.11ax RU26 (UNII Band 8) – Ch. 209)

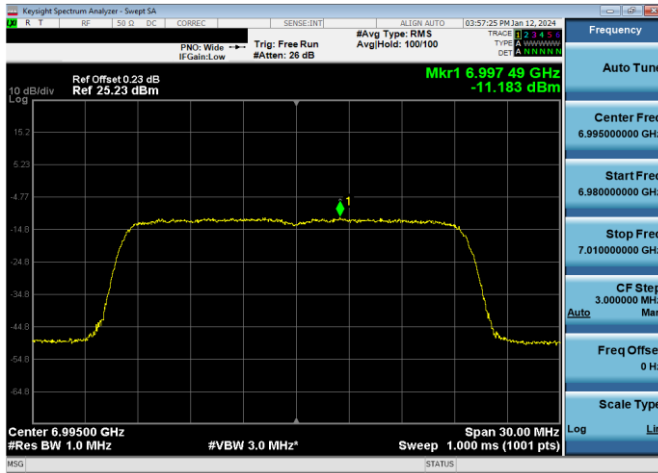


Plot 7-707. LPI Power Spectral Density Plot SDM Primary Antenna 5T (20MHz 802.11ax RU26 (UNII Band 8) – Ch. 209)

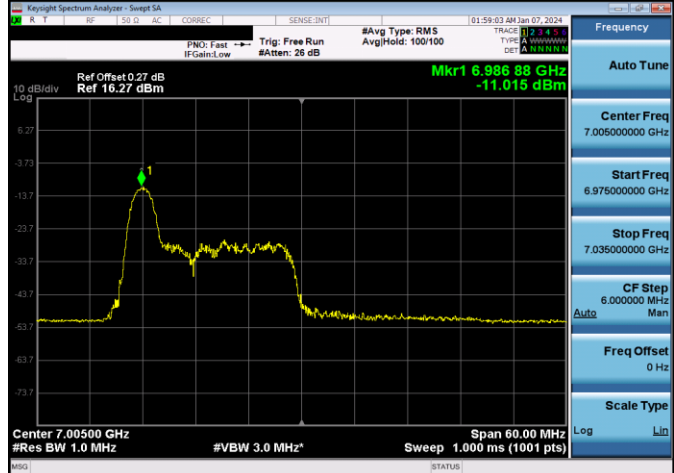


Plot 7-710. LPI Power Spectral Density Plot SDM Primary Antenna 3b (20MHz 802.11ax RU26 (UNII Band 8) – Ch. 209)

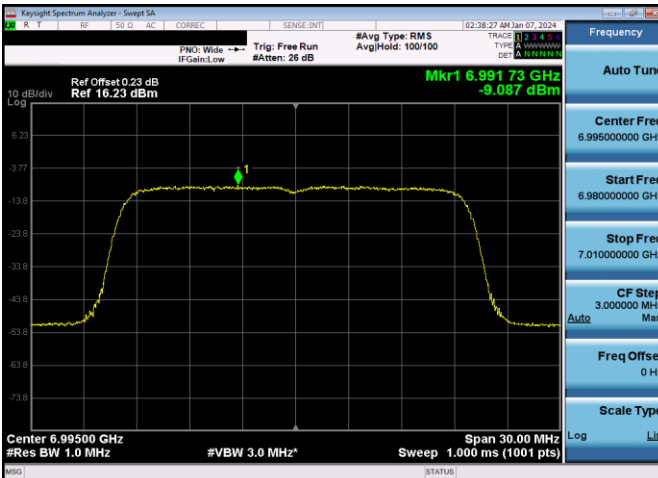
FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-27-R3.BCG	Test Dates: 11/29/2023 - 04/05/2024	EUT Type: Tablet Device	Page 227 of 607



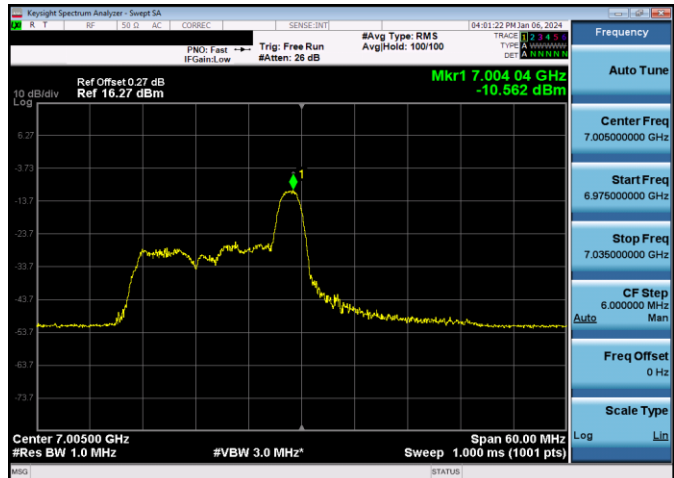
Plot 7-711. LPI Power Spectral Density Plot SDM Primary Antenna 5T (20MHz 802.11ax RU242 (UNII Band 8) – Ch. 209)



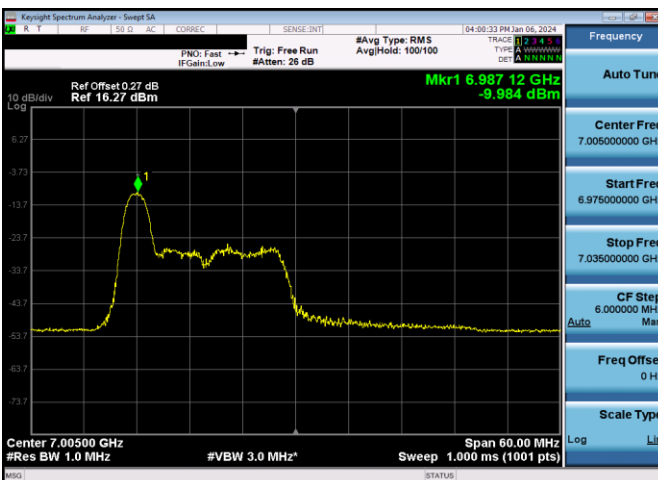
Plot 7-714. LPI Power Spectral Density Plot SDM Primary Antenna 3b (40MHz 802.11ax RU26 (UNII Band 8) – Ch. 211)



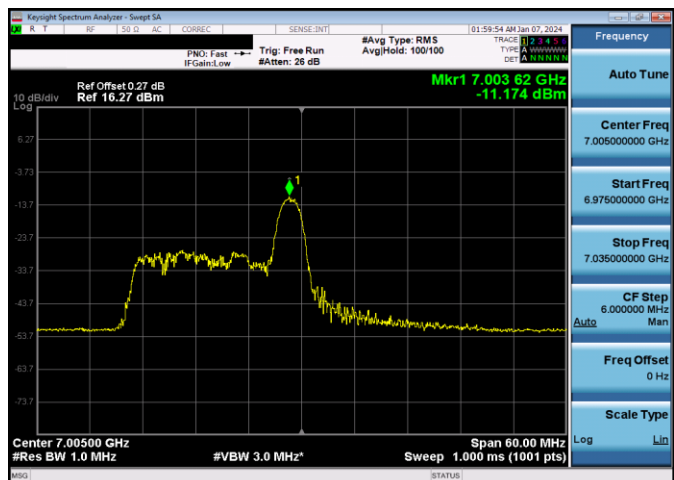
Plot 7-712. LPI Power Spectral Density Plot SDM Primary Antenna 3b (20MHz 802.11ax RU242 (UNII Band 8) – Ch. 209)



Plot 7-715. LPI Power Spectral Density Plot SDM Primary Antenna 5T (40MHz 802.11ax RU26 (UNII Band 8) – Ch. 211)

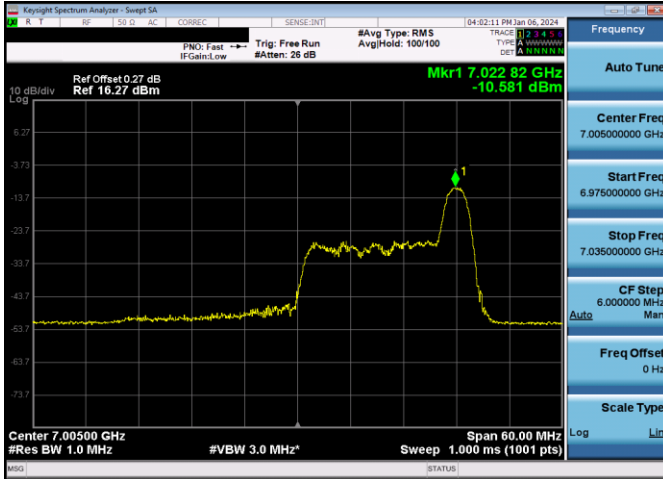


Plot 7-713. LPI Power Spectral Density Plot SDM Primary Antenna 5T (40MHz 802.11ax RU26 (UNII Band 8) – Ch. 211)

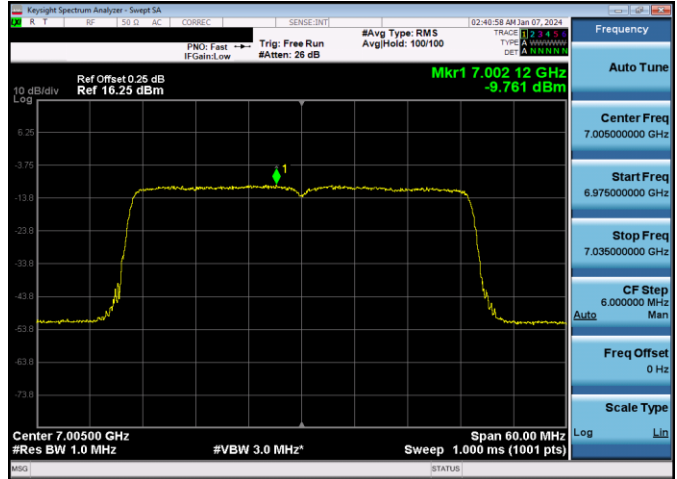


Plot 7-716. LPI Power Spectral Density Plot SDM Primary Antenna 3b (40MHz 802.11ax RU26 (UNII Band 8) – Ch. 211)

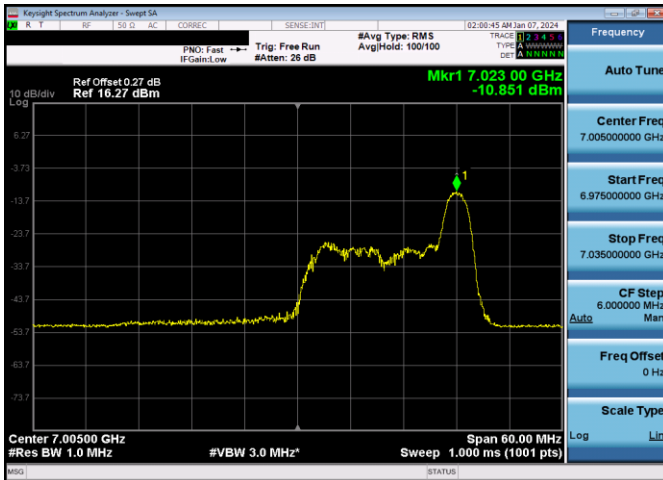
FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-27-R3.BCG	Test Dates: 11/29/2023 - 04/05/2024	EUT Type: Tablet Device	Page 228 of 607



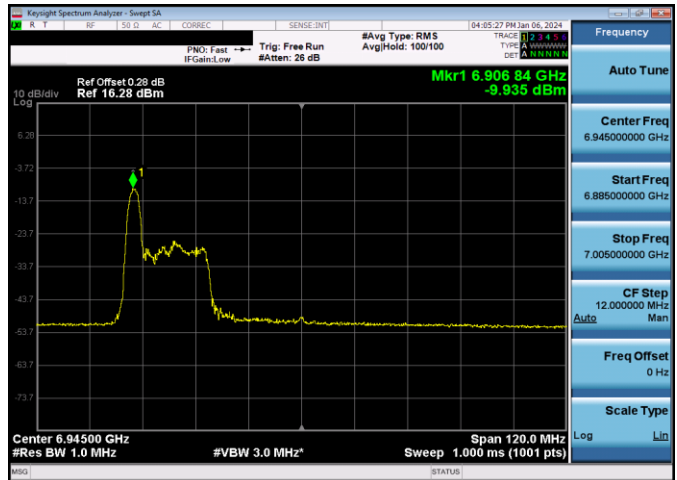
Plot 7-717. LPI Power Spectral Density Plot SDM Primary Antenna 5T (40MHz 802.11ax RU26 (UNII Band 8) – Ch. 211)



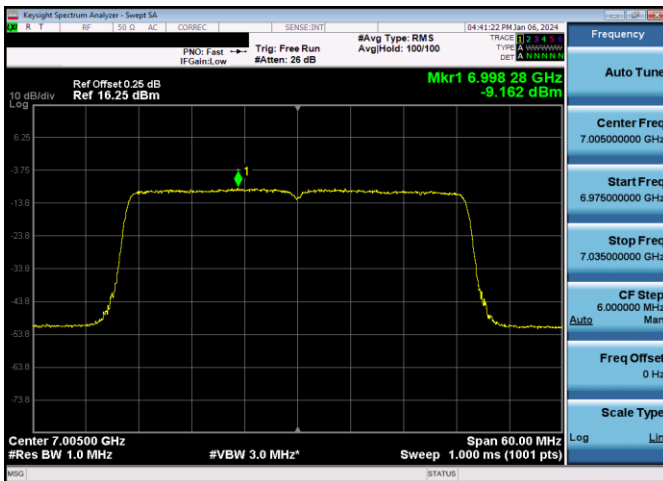
Plot 7-720. LPI Power Spectral Density Plot SDM Primary Antenna 3b (40MHz 802.11ax RU484 (UNII Band 8) – Ch. 211)



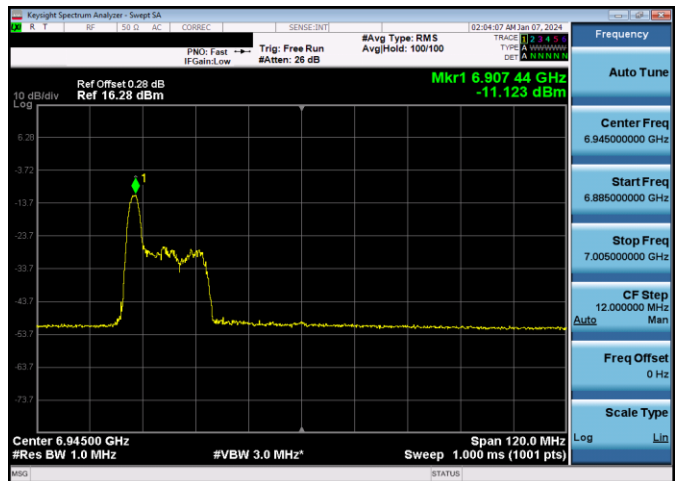
Plot 7-718. LPI Power Spectral Density Plot SDM Primary Antenna 3b (40MHz 802.11ax RU26 (UNII Band 8) – Ch. 211)



Plot 7-721. LPI Power Spectral Density Plot SDM Primary Antenna 5T (80MHz 802.11ax RU26 (UNII Band 8) – Ch. 199)

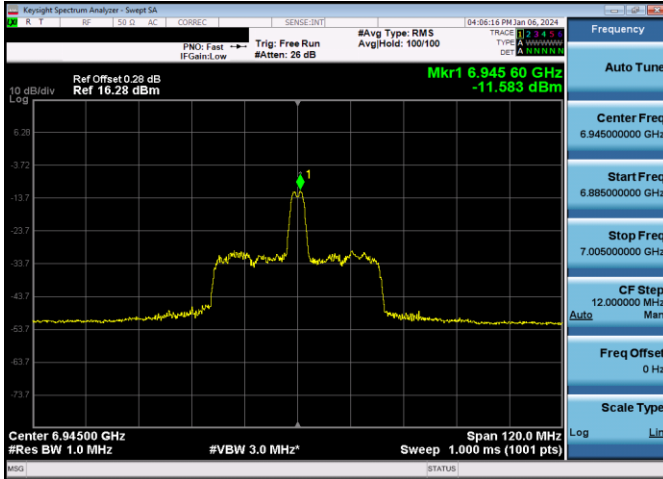


Plot 7-719. LPI Power Spectral Density Plot SDM Primary Antenna 5T (40MHz 802.11ax RU484 (UNII Band 8) – Ch. 211)

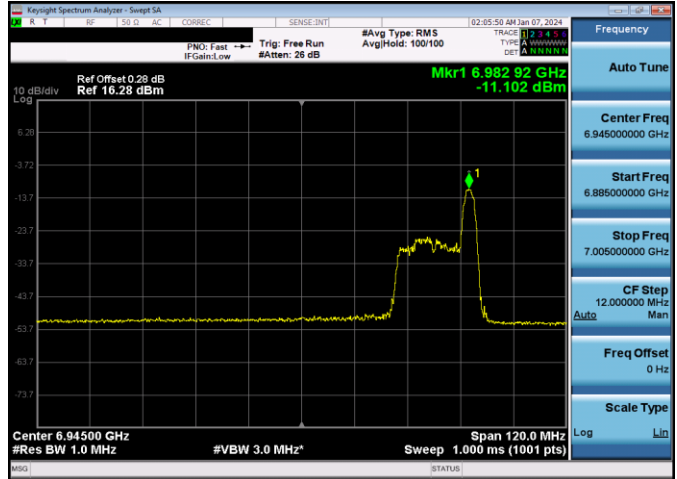


Plot 7-722. LPI Power Spectral Density Plot SDM Primary Antenna 3b (80MHz 802.11ax RU26 (UNII Band 8) – Ch. 199)

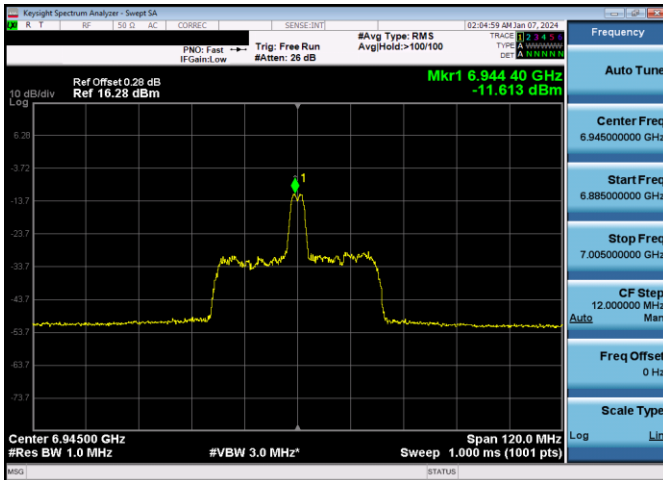
FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-27-R3.BCG	Test Dates: 11/29/2023 - 04/05/2024	EUT Type: Tablet Device	Page 229 of 607



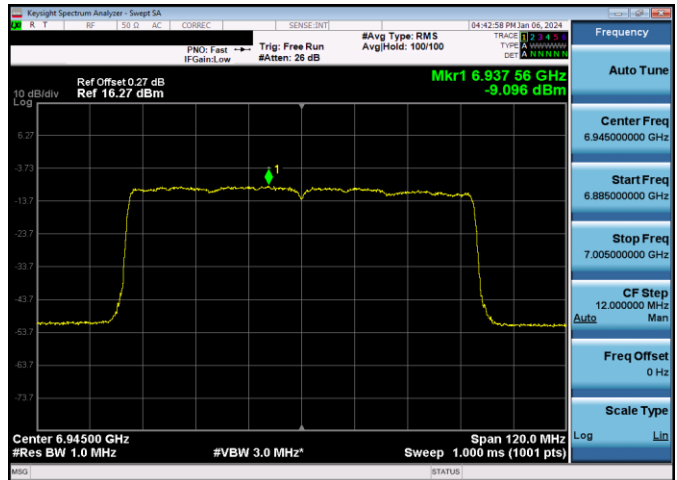
Plot 7-723. LPI Power Spectral Density Plot SDM Primary Antenna 5T (80MHz 802.11ax RU26 (UNII Band 8) – Ch. 199)



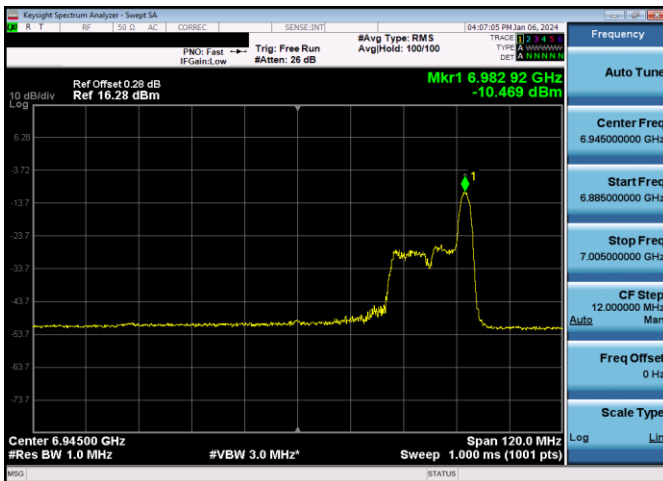
Plot 7-726. LPI Power Spectral Density Plot SDM Primary Antenna 3b (80MHz 802.11ax RU26 (UNII Band 8) – Ch. 199)



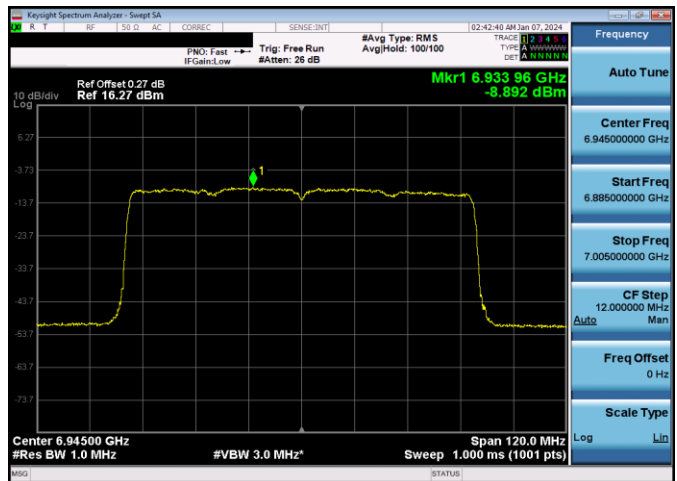
Plot 7-724. LPI Power Spectral Density Plot SDM Primary Antenna 3b (80MHz 802.11ax RU26 (UNII Band 8) – Ch. 199)



Plot 7-727. LPI Power Spectral Density Plot SDM Primary Antenna 5T (80MHz 802.11ax RU996 (UNII Band 8) – Ch. 199)

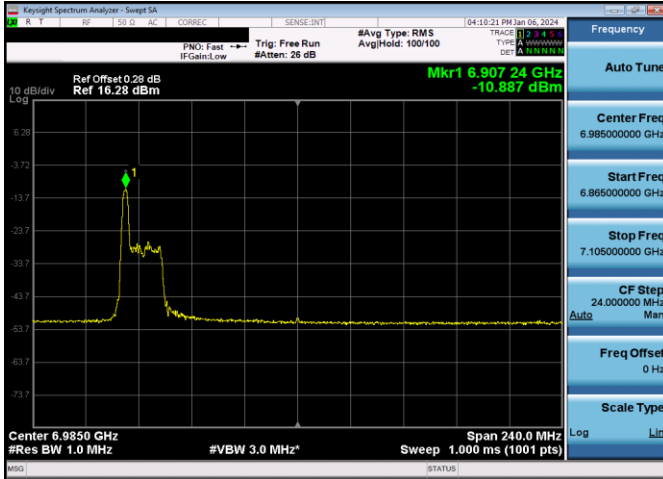


Plot 7-725. LPI Power Spectral Density Plot SDM Primary Antenna 5T (80MHz 802.11ax RU26 (UNII Band 8) – Ch. 199)

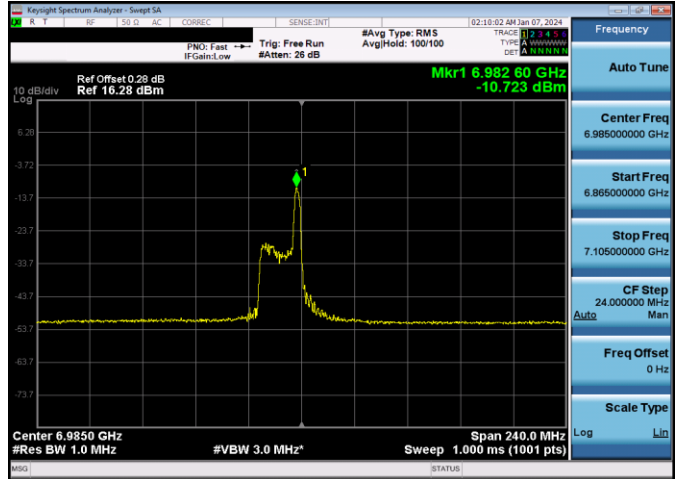


Plot 7-728. LPI Power Spectral Density Plot SDM Primary Antenna 3b (80MHz 802.11ax RU996 (UNII Band 8) – Ch. 199)

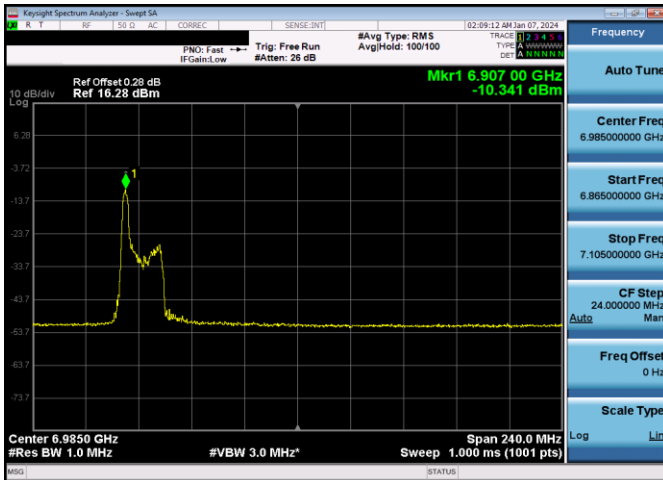
FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-27-R3.BCG	Test Dates: 11/29/2023 - 04/05/2024	EUT Type: Tablet Device	Page 230 of 607



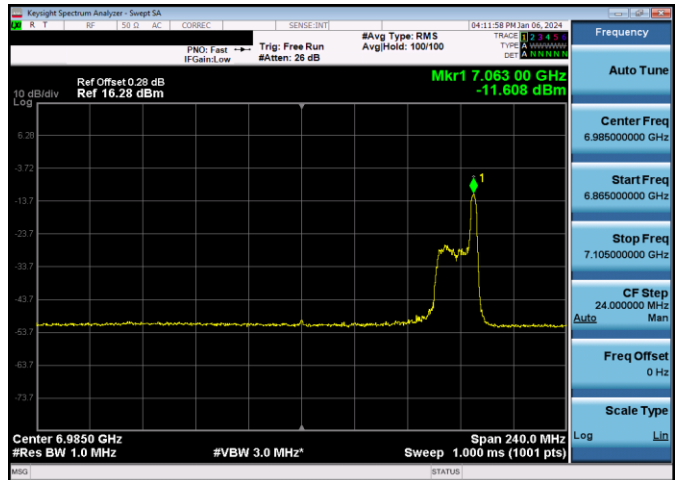
Plot 7-729. LPI Power Spectral Density Plot SDM Primary Antenna 5T (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)



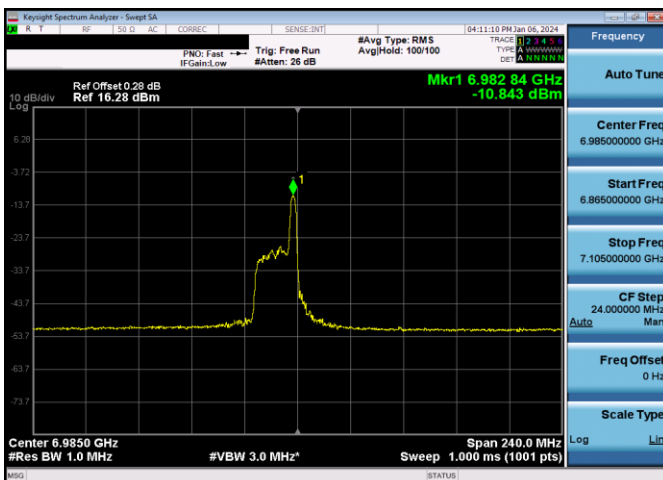
Plot 7-732. LPI Power Spectral Density Plot SDM Primary Antenna 3b (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)



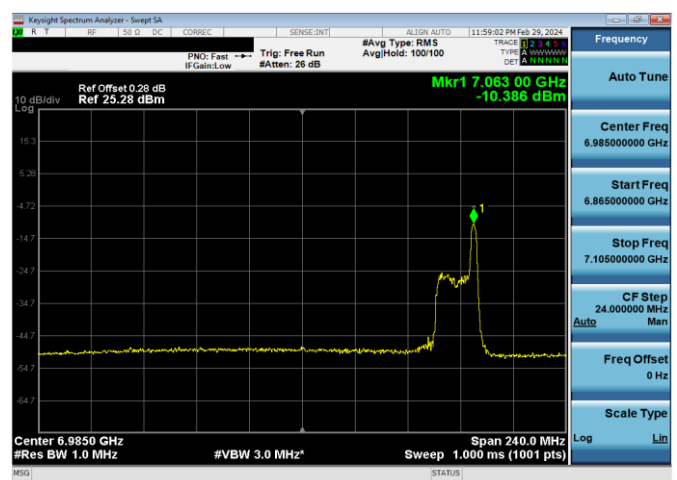
Plot 7-730. LPI Power Spectral Density Plot SDM Primary Antenna 3b (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)



Plot 7-733. LPI Power Spectral Density Plot SDM Primary Antenna 5T (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)

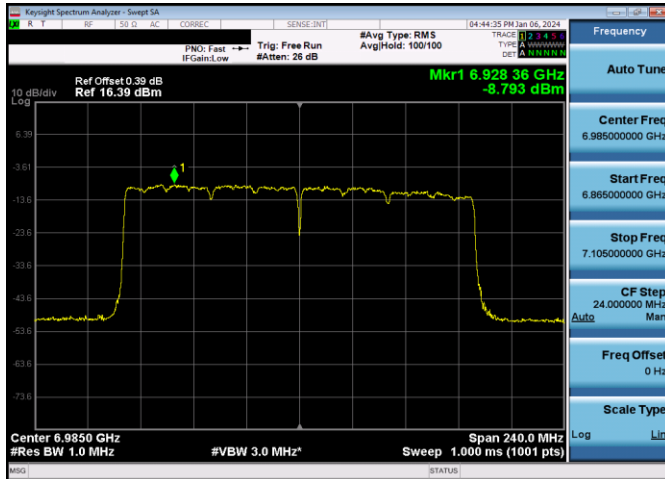


Plot 7-731. LPI Power Spectral Density Plot SDM Primary Antenna 5T (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)

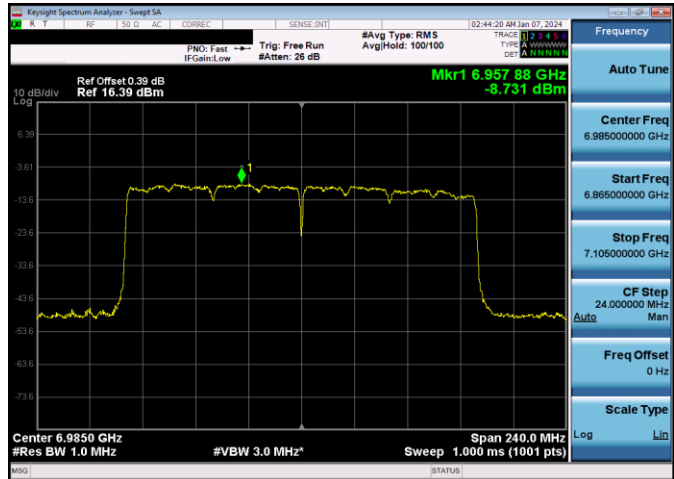


Plot 7-734. LPI Power Spectral Density Plot SDM Primary Antenna 3b (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-27-R3.BCG	Test Dates: 11/29/2023 - 04/05/2024	EUT Type: Tablet Device	Page 231 of 607



Plot 7-735. LPI Power Spectral Density Plot SDM Primary Antenna 5T (160MHz 802.11ax RU996x2 (UNII Band 8) – Ch. 207)



Plot 7-736. LPI Power Spectral Density Plot SDM Primary Antenna 3b (160MHz 802.11ax RU996x2 (UNII Band 8) – Ch. 207)

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-27-R3.BCG	Test Dates: 11/29/2023 - 04/05/2024	EUT Type: Tablet Device	Page 232 of 607

7.4.10 SDM Diversity LPI Power Spectral Density Measurements

	Channel	802.11 MODE	RU Size	RU Index	Mode	Data Rate [Mbps]	Antenna 5T Power Density [dBm/MHz]	Antenna 1b Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directional Antenna Gain [dBi]	e.i.r.p Power Density [dBm/MHz]	Max EIRP Power Density [dBm/MHz]	Margin [dB]	
Band 5	5955	1	ax (20MHz)	26	0	SDM	25/29.4 (MCS11)	-8.79	-9.14	-5.95	2.06	-3.89	-1	-2.89
	5955	1	ax (20MHz)	26	4	SDM	25/29.4 (MCS11)	-9.97	-10.00	-6.97	2.06	-4.91	-1	-3.91
	5955	1	ax (20MHz)	26	8	SDM	25/29.4 (MCS11)	-9.18	-9.02	-6.09	2.06	-4.03	-1	-3.03
	6175	45	ax (20MHz)	26	0	SDM	25/29.4 (MCS11)	-9.02	-8.61	-5.80	2.06	-3.74	-1	-2.74
	6175	45	ax (20MHz)	26	4	SDM	25/29.4 (MCS11)	-9.28	-9.22	-6.24	2.06	-4.18	-1	-3.18
	6175	45	ax (20MHz)	26	8	SDM	25/29.4 (MCS11)	-8.53	-8.26	-5.38	2.06	-3.33	-1	-2.33
	6415	93	ax (20MHz)	26	0	SDM	25/29.4 (MCS11)	-8.90	-9.73	-6.28	2.06	-4.23	-1	-3.23
	6415	93	ax (20MHz)	26	4	SDM	25/29.4 (MCS11)	-9.62	-10.27	-6.92	2.06	-4.86	-1	-3.86
	6415	93	ax (20MHz)	26	8	SDM	25/29.4 (MCS11)	-8.64	-9.82	-6.18	2.06	-4.12	-1	-3.12
	5965	3	ax (40MHz)	26	0	SDM	25/29.4 (MCS11)	-8.94	-9.36	-6.14	2.06	-4.08	-1	-3.08
	5965	3	ax (40MHz)	26	8	SDM	25/29.4 (MCS11)	-9.14	-9.37	-6.25	2.06	-4.19	-1	-3.19
	5965	3	ax (40MHz)	26	17	SDM	25/29.4 (MCS11)	-9.19	-8.79	-5.97	2.06	-3.91	-1	-2.91
	6165	43	ax (40MHz)	26	0	SDM	25/29.4 (MCS11)	-8.48	-8.50	-5.48	2.06	-3.42	-1	-2.42
	6165	43	ax (40MHz)	26	8	SDM	25/29.4 (MCS11)	-7.96	-8.56	-5.24	2.06	-3.18	-1	-2.18
	6165	43	ax (40MHz)	26	17	SDM	25/29.4 (MCS11)	-8.23	-7.91	-5.06	2.06	-3.00	-1	-2.00
	6165	91	ax (40MHz)	26	0	SDM	25/29.4 (MCS11)	-8.71	-9.79	-6.21	2.06	-4.15	-1	-3.15
	6165	91	ax (40MHz)	26	8	SDM	25/29.4 (MCS11)	-9.14	-9.22	-6.17	2.06	-4.11	-1	-3.11
	6165	91	ax (40MHz)	26	17	SDM	25/29.4 (MCS11)	-8.70	-10.07	-6.32	2.06	-4.27	-1	-3.27
	5985	7	ax (80MHz)	26	0	SDM	25/29.4 (MCS11)	-8.55	-9.58	-6.02	2.06	-3.97	-1	-2.97
	5985	7	ax (80MHz)	26	18	SDM	25/29.4 (MCS11)	-9.72	-10.51	-7.09	2.06	-5.03	-1	-4.03
	5985	7	ax (80MHz)	26	36	SDM	25/29.4 (MCS11)	-10.50	-9.91	-7.19	2.06	-5.13	-1	-4.13
	6145	39	ax (80MHz)	26	0	SDM	25/29.4 (MCS11)	-8.13	-9.49	-5.75	2.06	-3.69	-1	-2.69
	6145	39	ax (80MHz)	26	18	SDM	25/29.4 (MCS11)	-9.10	-9.37	-6.22	2.06	-4.17	-1	-3.17
	6145	39	ax (80MHz)	26	36	SDM	25/29.4 (MCS11)	-7.87	-8.22	-5.03	2.06	-2.98	-1	-1.98
	6385	87	ax (80MHz)	26	0	SDM	25/29.4 (MCS11)	-8.16	-8.69	-5.41	2.06	-3.35	-1	-2.35
	6385	87	ax (80MHz)	26	18	SDM	25/29.4 (MCS11)	-10.44	-10.07	-7.24	2.06	-5.18	-1	-4.18
	6385	87	ax (80MHz)	26	36	SDM	25/29.4 (MCS11)	-8.17	-9.31	-5.69	2.06	-3.63	-1	-2.63
	6025	15	ax (160MHz)	26	0	SDM	25/29.4 (MCS11)	-8.65	-10.09	-6.30	2.06	-4.24	-1	-3.24
	6025	15	ax (160MHz)	26	18	SDM	25/29.4 (MCS11)	-8.60	-8.96	-5.77	2.06	-3.71	-1	-2.71
	6025	15	ax (160MHz)	26	36	SDM	25/29.4 (MCS11)	-8.97	-9.95	-6.42	2.06	-4.37	-1	-3.37
	6185	47	ax (160MHz)	26	0	SDM	25/29.4 (MCS11)	-8.23	-9.61	-5.86	2.06	-3.80	-1	-2.80
	6185	47	ax (160MHz)	26	18	SDM	25/29.4 (MCS11)	-8.46	-8.43	-5.43	2.06	-3.38	-1	-2.38
	6185	47	ax (160MHz)	26	36	SDM	25/29.4 (MCS11)	-8.52	-9.01	-5.75	2.06	-3.69	-1	-2.69
	6345	79	ax (160MHz)	26	0	SDM	25/29.4 (MCS11)	-9.48	-9.37	-6.41	2.06	-4.36	-1	-3.36
	6345	79	ax (160MHz)	26	18	SDM	25/29.4 (MCS11)	-9.38	-9.44	-6.40	2.06	-4.34	-1	-3.34
	6345	79	ax (160MHz)	26	36	SDM	25/29.4 (MCS11)	-9.42	-10.13	-6.75	2.06	-4.69	-1	-3.69
Band 6	6345	97	ax (20MHz)	26	0	SDM	25/29.4 (MCS11)	-9.78	-9.63	-6.70	2.26	-4.43	-1	-3.43
	6345	97	ax (20MHz)	26	4	SDM	25/29.4 (MCS11)	-10.28	-10.69	-7.47	2.26	-5.20	-1	-4.20
	6345	97	ax (20MHz)	26	8	SDM	25/29.4 (MCS11)	-9.34	-9.75	-6.53	2.26	-4.27	-1	-3.27
	6475	105	ax (20MHz)	26	0	SDM	25/29.4 (MCS11)	-9.17	-9.80	-6.46	2.26	-4.20	-1	-3.20
	6475	105	ax (20MHz)	26	4	SDM	25/29.4 (MCS11)	-10.39	-10.88	-7.62	2.26	-5.35	-1	-4.35
	6475	105	ax (20MHz)	26	8	SDM	25/29.4 (MCS11)	-9.31	-10.00	-6.63	2.26	-4.37	-1	-3.37
	6515	113	ax (20MHz)	26	0	SDM	25/29.4 (MCS11)	-9.88	-9.85	-6.85	2.26	-4.59	-1	-3.59
	6515	113	ax (20MHz)	26	4	SDM	25/29.4 (MCS11)	-10.55	-10.51	-7.52	2.26	-5.26	-1	-4.26
	6515	113	ax (20MHz)	26	8	SDM	25/29.4 (MCS11)	-9.40	-9.65	-6.51	2.26	-4.25	-1	-3.25
	6445	99	ax (40MHz)	26	0	SDM	25/29.4 (MCS11)	-9.55	-10.39	-6.94	2.26	-4.67	-1	-3.67
	6445	99	ax (40MHz)	26	8	SDM	25/29.4 (MCS11)	-9.78	-10.06	-6.91	2.26	-4.64	-1	-3.64
	6445	99	ax (40MHz)	26	17	SDM	25/29.4 (MCS11)	-9.44	-10.54	-6.94	2.26	-4.68	-1	-3.68
	6485	107	ax (40MHz)	26	0	SDM	25/29.4 (MCS11)	-9.05	-9.97	-6.48	2.26	-4.21	-1	-3.21
	6485	107	ax (40MHz)	26	8	SDM	25/29.4 (MCS11)	-9.59	-9.90	-6.73	2.26	-4.47	-1	-3.47
	6485	107	ax (40MHz)	26	17	SDM	25/29.4 (MCS11)	-9.64	-10.71	-7.13	2.26	-4.87	-1	-3.87
	6525	115	ax (40MHz)	26	0	SDM	25/29.4 (MCS11)	-10.34	-10.31	-7.31	2.26	-5.05	-1	-4.05
	6525	115	ax (40MHz)	26	8	SDM	25/29.4 (MCS11)	-9.98	-10.96	-7.43	2.26	-5.17	-1	-4.17
	6525	115	ax (40MHz)	26	17	SDM	25/29.4 (MCS11)	-10.45	-10.48	-7.45	2.26	-5.19	-1	-4.19
	6465	103	ax (80MHz)	26	0	SDM	25/29.4 (MCS11)	-9.09	-9.89	-6.46	2.26	-4.20	-1	-3.20
	6465	103	ax (80MHz)	26	18	SDM	25/29.4 (MCS11)	-10.81	-11.10	-7.94	2.26	-5.68	-1	-4.68
	6465	103	ax (80MHz)	26	36	SDM	25/29.4 (MCS11)	-9.92	-11.13	-7.47	2.26	-5.21	-1	-4.21
	6505	111	ax (160MHz)	26	0	SDM	25/29.4 (MCS11)	-10.02	-10.76	-7.36	2.26	-5.10	-1	-4.10
	6505	111	ax (160MHz)	26	18	SDM	25/29.4 (MCS11)	-10.27	-10.07	-7.16	2.26	-4.90	-1	-3.90
	6505	111	ax (160MHz)	26	36	SDM	25/29.4 (MCS11)	-10.91	-12.19	-8.49	2.26	-6.23	-1	-5.23

Table 7-153. Bands 5, 6 LPI Power Spectral Density Measurements SDM Diversity (RU26)

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-27-R3.BCG	Test Dates: 11/29/2023 - 04/05/2024	EUT Type: Tablet Device	Page 233 of 607

	Channel	802.11 MODE	RU Size	RU Index	Mode	Data Rate [Mbps]	Antenna 5T Power Density [dBm/MHz]	Antenna 1b Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directional Antenna Gain [dBi]	e.i.r.p Power Density [dBm/MHz]	Max EIRP Power Density [dBm/MHz]	Margin [dB]		
Band 7	6535	117	ax (20MHz)	26	0	SDM	25/29.4 (MCS11)	-9.33	-9.03	-6.17	2.82	-3.34	-1	-2.34	
	6535	117	ax (20MHz)	26	4	SDM	25/29.4 (MCS11)	-10.71	-10.42	-7.55	2.82	-4.72	-1	-3.72	
	6535	117	ax (20MHz)	26	8	SDM	25/29.4 (MCS11)	-10.16	-9.86	-6.99	2.82	-4.17	-1	-3.17	
	6695	149	ax (20MHz)	26	0	SDM	25/29.4 (MCS11)	-9.78	-9.70	-6.73	2.82	-3.90	-1	-2.90	
	6695	149	ax (20MHz)	26	4	SDM	25/29.4 (MCS11)	-10.40	-10.62	-7.50	2.82	-4.67	-1	-3.67	
	6695	149	ax (20MHz)	26	8	SDM	25/29.4 (MCS11)	-9.98	-9.38	-6.66	2.82	-3.84	-1	-2.84	
	6875	185	ax (20MHz)	26	0	SDM	25/29.4 (MCS11)	-9.96	-10.52	-7.22	2.82	-4.40	-1	-3.40	
	6875	185	ax (20MHz)	26	4	SDM	25/29.4 (MCS11)	-10.46	-11.30	-7.85	2.82	-5.03	-1	-4.03	
	6875	185	ax (20MHz)	26	8	SDM	25/29.4 (MCS11)	-10.20	-10.72	-7.44	2.82	-4.62	-1	-3.62	
	6565	123	ax (40MHz)	26	0	SDM	25/29.4 (MCS11)	-9.97	-10.07	-7.01	2.82	-4.18	-1	-3.18	
	6565	123	ax (40MHz)	26	8	SDM	25/29.4 (MCS11)	-10.05	-10.07	-7.05	2.82	-4.22	-1	-3.22	
	6565	123	ax (40MHz)	26	17	SDM	25/29.4 (MCS11)	-9.99	-10.55	-7.25	2.82	-4.43	-1	-3.43	
	6725	155	ax (40MHz)	26	0	SDM	25/29.4 (MCS11)	-9.15	-9.58	-6.35	2.82	-3.52	-1	-2.52	
	6725	155	ax (40MHz)	26	8	SDM	25/29.4 (MCS11)	-9.80	-9.50	-6.64	2.82	-3.81	-1	-2.81	
	6725	155	ax (40MHz)	26	17	SDM	25/29.4 (MCS11)	-9.94	-10.76	-7.32	2.82	-4.49	-1	-3.49	
	6845	179	ax (40MHz)	26	0	SDM	25/29.4 (MCS11)	-9.83	-10.64	-7.20	2.82	-4.38	-1	-3.38	
	6845	179	ax (40MHz)	26	8	SDM	25/29.4 (MCS11)	-10.05	-10.00	-7.01	2.82	-4.19	-1	-3.19	
	6845	179	ax (40MHz)	26	17	SDM	25/29.4 (MCS11)	-9.50	-12.35	-7.68	2.82	-4.86	-1	-3.86	
	6545	119	ax (80MHz)	26	0	SDM	25/29.4 (MCS11)	-9.85	-9.57	-6.70	2.82	-3.87	-1	-2.87	
	6545	119	ax (80MHz)	26	18	SDM	25/29.4 (MCS11)	-10.51	-10.23	-7.36	2.82	-4.54	-1	-3.54	
	6545	119	ax (80MHz)	26	36	SDM	25/29.4 (MCS11)	-9.70	-10.17	-6.92	2.82	-4.09	-1	-3.09	
	6705	151	ax (80MHz)	26	0	SDM	25/29.4 (MCS11)	-10.38	-9.67	-7.00	2.82	-4.18	-1	-3.18	
	6705	151	ax (80MHz)	26	18	SDM	25/29.4 (MCS11)	-10.87	-10.88	-7.86	2.82	-5.04	-1	-4.04	
	6705	151	ax (80MHz)	26	36	SDM	25/29.4 (MCS11)	-9.79	-10.75	-7.23	2.82	-4.41	-1	-3.41	
	6865	183	ax (80MHz)	26	0	SDM	25/29.4 (MCS11)	-9.72	-10.51	-7.08	2.82	-4.26	-1	-3.26	
	6865	183	ax (80MHz)	26	18	SDM	25/29.4 (MCS11)	-10.49	-11.46	-7.94	2.82	-5.11	-1	-4.11	
	6865	183	ax (80MHz)	26	36	SDM	25/29.4 (MCS11)	-10.05	-12.98	-8.26	2.82	-5.44	-1	-4.44	
	6665	143	ax (160MHz)	26	0	SDM	25/29.4 (MCS11)	-9.14	-9.92	-6.50	2.82	-3.68	-1	-2.68	
	6665	143	ax (160MHz)	26	18	SDM	25/29.4 (MCS11)	-9.92	-10.46	-7.17	2.82	-4.35	-1	-3.35	
	6665	143	ax (160MHz)	26	36	SDM	25/29.4 (MCS11)	-9.52	-12.63	-7.79	2.82	-4.97	-1	-3.97	
	6825	175	ax (160MHz)	26	0	SDM	25/29.4 (MCS11)	-10.09	-10.29	-7.18	2.82	-4.35	-1	-3.35	
	6825	175	ax (160MHz)	26	18	SDM	25/29.4 (MCS11)	-10.21	-10.50	-7.34	2.82	-4.52	-1	-3.52	
	6825	175	ax (160MHz)	26	36	SDM	25/29.4 (MCS11)	-10.65	-12.05	-8.28	2.82	-5.46	-1	-4.46	
	Band 8	6895	189	ax (20MHz)	26	0	SDM	25/29.4 (MCS11)	-10.83	-11.03	-7.92	3.18	-4.74	-1	-3.74
		6895	189	ax (20MHz)	26	4	SDM	25/29.4 (MCS11)	-11.49	-11.72	-8.59	3.18	-5.41	-1	-4.41
		6895	189	ax (20MHz)	26	8	SDM	25/29.4 (MCS11)	-10.13	-11.41	-7.71	3.18	-4.53	-1	-3.53
6995		209	ax (20MHz)	26	0	SDM	25/29.4 (MCS11)	-10.13	-10.76	-7.43	3.18	-4.24	-1	-3.24	
6995		209	ax (20MHz)	26	4	SDM	25/29.4 (MCS11)	-10.83	-11.46	-8.13	3.18	-4.94	-1	-3.94	
6995		209	ax (20MHz)	26	8	SDM	25/29.4 (MCS11)	-9.96	-11.05	-7.46	3.18	-4.27	-1	-3.27	
7115		233	ax (20MHz)	26	0	SDM	25/29.4 (MCS11)	-10.38	-11.50	-7.89	3.18	-4.71	-1	-3.71	
7115		233	ax (20MHz)	26	4	SDM	25/29.4 (MCS11)	-11.01	-12.41	-8.65	3.18	-5.46	-1	-4.46	
7115		233	ax (20MHz)	26	8	SDM	25/29.4 (MCS11)	-10.31	-12.68	-8.33	3.18	-5.14	-1	-4.14	
6885		187	ax (40MHz)	26	0	SDM	25/29.4 (MCS11)	-10.23	-10.58	-7.39	3.18	-4.21	-1	-3.21	
6885		187	ax (40MHz)	26	8	SDM	25/29.4 (MCS11)	-10.23	-10.45	-7.33	3.18	-4.15	-1	-3.15	
6885		187	ax (40MHz)	26	17	SDM	25/29.4 (MCS11)	-10.11	-11.38	-7.69	3.18	-4.50	-1	-3.50	
7005		211	ax (40MHz)	26	0	SDM	25/29.4 (MCS11)	-9.98	-11.11	-7.50	3.18	-4.32	-1	-3.32	
7005		211	ax (40MHz)	26	8	SDM	25/29.4 (MCS11)	-10.56	-10.53	-7.53	3.18	-4.35	-1	-3.35	
7005		211	ax (40MHz)	26	17	SDM	25/29.4 (MCS11)	-10.58	-10.40	-7.48	3.18	-4.30	-1	-3.30	
7085		227	ax (40MHz)	26	0	SDM	25/29.4 (MCS11)	-9.99	-11.17	-7.53	3.18	-4.35	-1	-3.35	
7085		227	ax (40MHz)	26	8	SDM	25/29.4 (MCS11)	-10.14	-11.21	-7.63	3.18	-4.45	-1	-3.45	
7085		227	ax (40MHz)	26	17	SDM	25/29.4 (MCS11)	-10.32	-11.64	-7.92	3.18	-4.74	-1	-3.74	
6945		199	ax (80MHz)	26	0	SDM	25/29.4 (MCS11)	-9.94	-11.01	-7.43	3.18	-4.25	-1	-3.25	
6945		199	ax (80MHz)	26	18	SDM	25/29.4 (MCS11)	-11.58	-12.70	-9.10	3.18	-5.91	-1	-4.91	
6945		199	ax (80MHz)	26	36	SDM	25/29.4 (MCS11)	-10.47	-11.11	-7.77	3.18	-4.58	-1	-3.58	
7025		215	ax (80MHz)	26	0	SDM	25/29.4 (MCS11)	-10.83	-10.13	-7.46	3.18	-4.28	-1	-3.28	
7025		215	ax (80MHz)	26	18	SDM	25/29.4 (MCS11)	-11.15	-12.29	-8.67	3.18	-5.49	-1	-4.49	
7025		215	ax (80MHz)	26	36	SDM	25/29.4 (MCS11)	-10.37	-11.27	-7.78	3.18	-4.60	-1	-3.60	
6985		207	ax (160MHz)	26	0	SDM	25/29.4 (MCS11)	-10.89	-11.28	-8.07	3.18	-4.89	-1	-3.89	
6985		207	ax (160MHz)	26	18	SDM	25/29.4 (MCS11)	-10.84	-11.41	-8.11	3.18	-4.92	-1	-3.92	
6985		207	ax (160MHz)	26	36	SDM	25/29.4 (MCS11)	-11.61	-12.30	-8.93	3.18	-5.75	-1	-4.75	

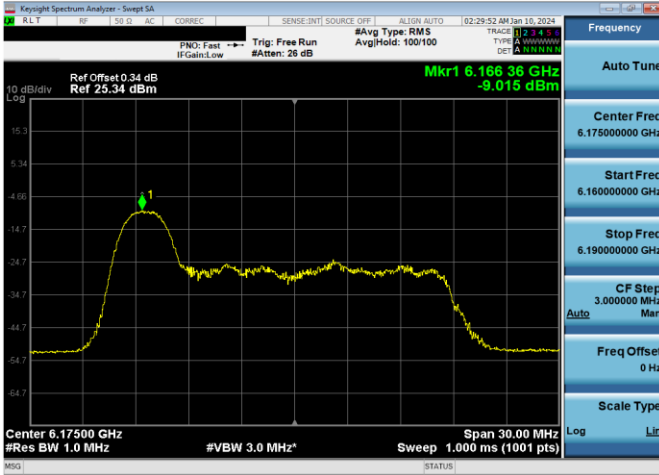
Table 7-154. Bands 7, 8 LPI Power Spectral Density Measurements SDM Diversity (RU26)

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-27-R3.BCG	Test Dates: 11/29/2023 - 04/05/2024	EUT Type: Tablet Device	Page 234 of 607

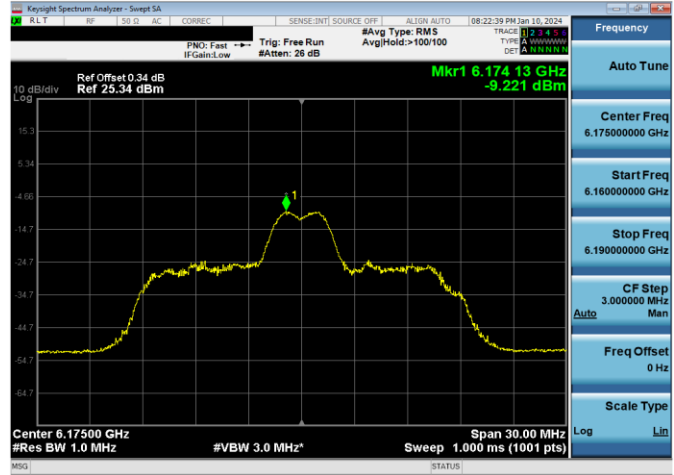
	Channel	802.11 MODE	RU Size	RU Index	Mode	Data Rate [Mbps]	Antenna 5T Power Density [dBm/MHz]	Antenna 1b Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directional Antenna Gain [dBi]	e.i.r.p Power Density [dBm/MHz]	Max EIRP Power Density [dBm/MHz]	Margin [dB]	
Band 5	5955	1	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-8.17	-8.64	-5.39	2.06	-3.33	-1	-2.33
	6175	45	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-7.78	-7.72	-4.74	2.06	-2.68	-1	-1.68
	6415	93	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-7.89	-8.27	-5.07	2.06	-3.01	-1	-2.01
	5965	3	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-8.31	-8.54	-5.41	2.06	-3.35	-1	-2.35
	6165	43	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-7.66	-7.43	-4.53	2.06	-2.48	-1	-1.48
	6165	91	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-7.84	-7.96	-4.89	2.06	-2.83	-1	-1.83
	5985	7	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-7.99	-8.12	-5.05	2.06	-2.99	-1	-1.99
	6145	39	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-7.48	-7.96	-4.70	2.06	-2.65	-1	-1.65
	6385	87	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-7.84	-7.81	-4.81	2.06	-2.76	-1	-1.76
	6025	15	ax (160MHz)	996x2	68	SDM	2041.6/2402 (MCS11)	-8.57	-8.25	-5.40	2.06	-3.34	-1	-2.34
	6185	47	ax (160MHz)	996x2	68	SDM	2041.6/2402 (MCS11)	-7.57	-7.56	-4.56	2.06	-2.50	-1	-1.50
	6345	79	ax (160MHz)	996x2	68	SDM	2041.6/2402 (MCS11)	-8.25	-8.43	-5.33	2.06	-3.27	-1	-2.27
Band 6	6345	97	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-8.94	-9.33	-6.12	2.26	-3.86	-1	-2.86
	6475	105	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-8.84	-9.14	-5.98	2.26	-3.71	-1	-2.71
	6515	113	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-9.26	-9.26	-6.25	2.26	-3.99	-1	-2.99
	6445	99	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-8.85	-8.98	-5.90	2.26	-3.64	-1	-2.64
	6485	107	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-8.80	-9.22	-5.99	2.26	-3.73	-1	-2.73
	6525	115	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-9.77	-9.78	-6.77	2.26	-4.51	-1	-3.51
	6465	103	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-8.96	-8.65	-5.79	2.26	-3.53	-1	-2.53
	6505	111	ax (160MHz)	996x2	68	SDM	2041.6/2402 (MCS11)	-9.08	-9.31	-6.18	2.26	-3.92	-1	-2.92
	6535	117	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-8.95	-9.30	-6.11	2.82	-3.29	-1	-2.29
	6695	149	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-8.71	-9.23	-5.95	2.82	-3.13	-1	-2.13
Band 7	6875	185	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-8.71	-9.68	-6.16	2.82	-3.34	-1	-2.34
	6565	123	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-9.13	-9.18	-6.15	2.82	-3.32	-1	-2.32
	6725	155	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-9.00	-9.07	-6.03	2.82	-3.20	-1	-2.20
	6845	179	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-9.26	-9.26	-6.25	2.82	-3.42	-1	-2.42
	6545	119	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-8.90	-8.73	-5.81	2.82	-2.98	-1	-1.98
	6705	151	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-9.30	-8.64	-5.95	2.82	-3.13	-1	-2.13
	6865	183	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-8.98	-9.28	-6.12	2.82	-3.29	-1	-2.29
	6665	143	ax (160MHz)	996x2	68	SDM	2041.6/2402 (MCS11)	-9.37	-9.10	-6.22	2.82	-3.40	-1	-2.40
	6825	175	ax (160MHz)	996x2	68	SDM	2041.6/2402 (MCS11)	-8.94	-9.45	-6.18	2.82	-3.35	-1	-2.35
	6895	189	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-11.33	-9.86	-7.52	3.18	-4.34	-1	-3.34
	6995	209	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-11.18	-9.67	-7.35	3.18	-4.17	-1	-3.17
	7115	233	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-11.38	-9.84	-7.53	3.18	-4.35	-1	-3.35
Band 8	6885	187	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-9.15	-9.18	-6.15	3.18	-2.97	-1	-1.97
	7005	211	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-9.16	-9.02	-6.08	3.18	-2.90	-1	-1.90
	7085	227	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-9.28	-9.44	-6.35	3.18	-3.17	-1	-2.17
	6945	199	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-9.10	-9.01	-6.04	3.18	-2.86	-1	-1.86
	7025	215	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-8.63	-9.29	-5.94	3.18	-2.75	-1	-1.75
	6985	207	ax (160MHz)	996x2	68	SDM	2041.6/2402 (MCS11)	-8.79	-9.33	-6.04	3.18	-2.86	-1	-1.86

Table 7-155. LPI Power Spectral Density Measurements SDM Diversity (Fully-loaded RU)

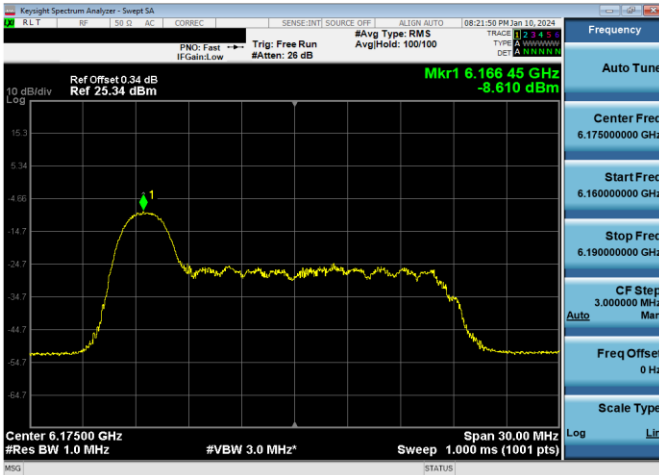
FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-27-R3.BCG	Test Dates: 11/29/2023 - 04/05/2024	EUT Type: Tablet Device	Page 235 of 607



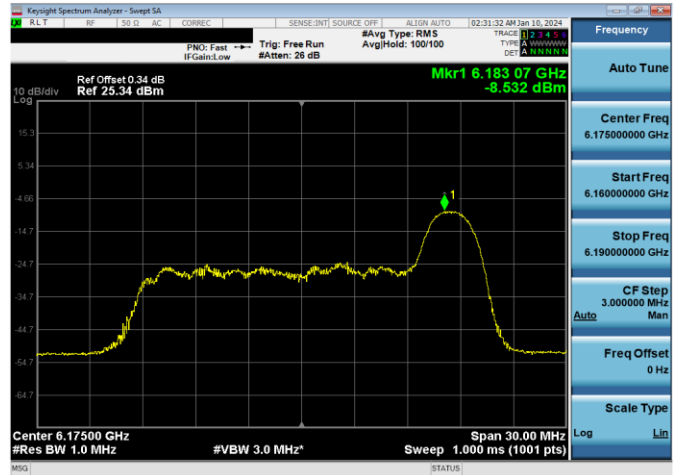
Plot 7-737. LPI Power Spectral Density Plot SDM Diversity Antenna 5T (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)



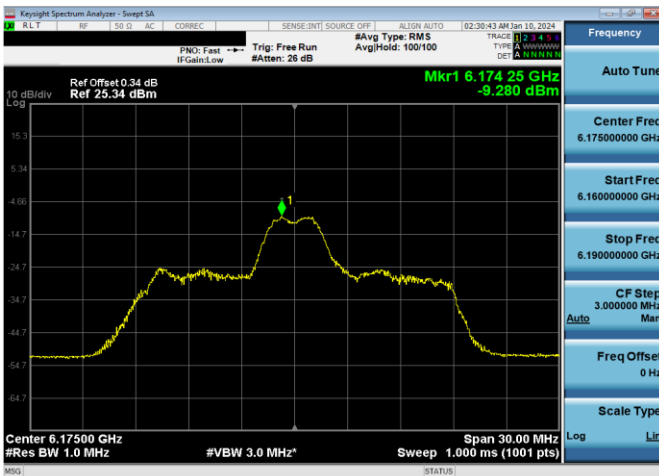
Plot 7-740. LPI Power Spectral Density Plot SDM Diversity Antenna 1b (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)



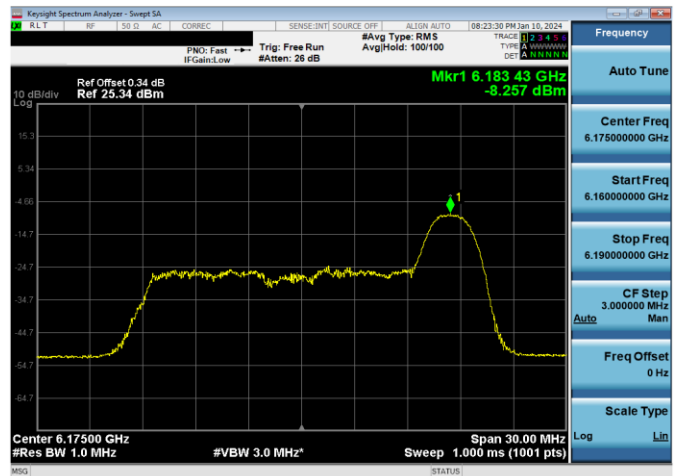
Plot 7-738. LPI Power Spectral Density Plot SDM Diversity Antenna 1b (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)



Plot 7-741. LPI Power Spectral Density Plot SDM Diversity Antenna 5T (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)

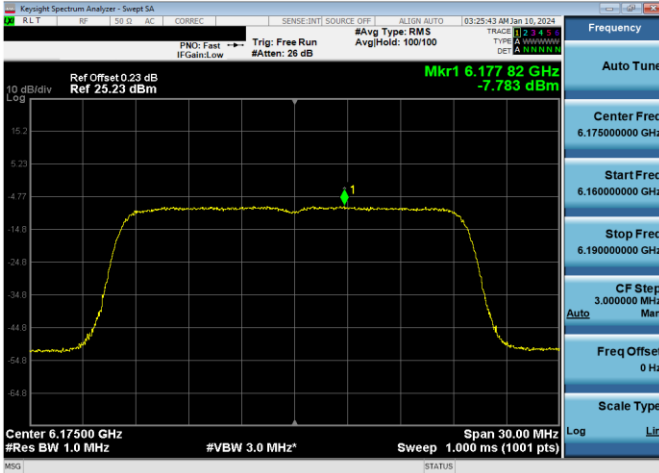


Plot 7-739. LPI Power Spectral Density Plot SDM Diversity Antenna 5T (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)

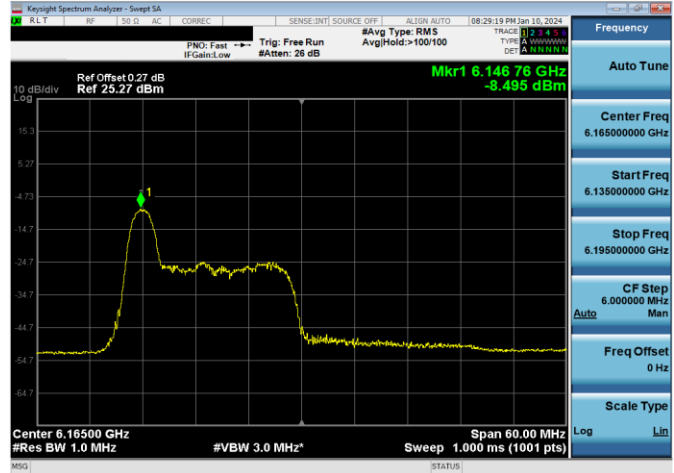


Plot 7-742. LPI Power Spectral Density Plot SDM Diversity Antenna 1b (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)

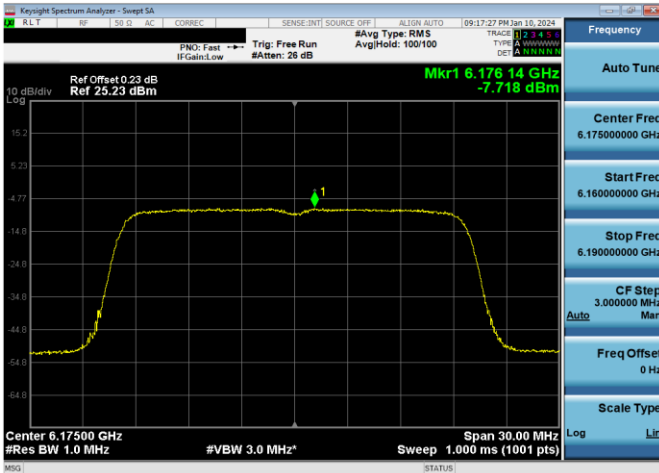
FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-27-R3.BCG	Test Dates: 11/29/2023 - 04/05/2024	EUT Type: Tablet Device	Page 236 of 607



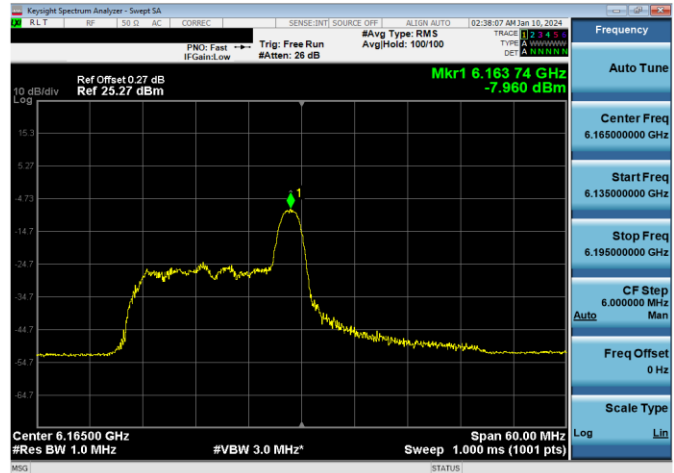
Plot 7-743. LPI Power Spectral Density Plot SDM Diversity Antenna 5T (20MHz 802.11ax RU242 (UNII Band 5) – Ch. 45)



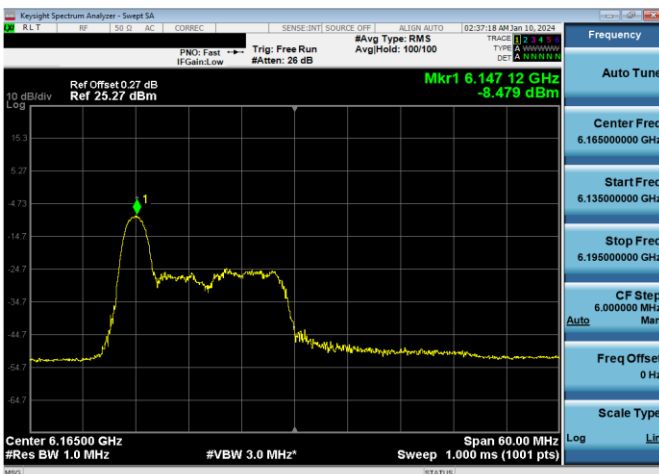
Plot 7-746. LPI Power Spectral Density Plot SDM Diversity Antenna 1b (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 43)



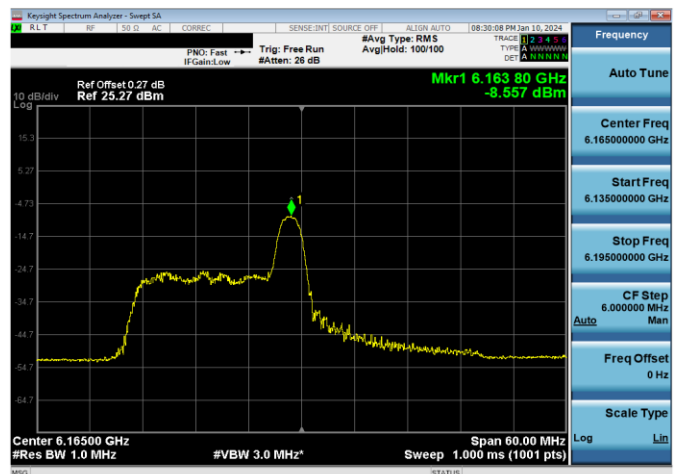
Plot 7-744. LPI Power Spectral Density Plot SDM Diversity Antenna 1b (20MHz 802.11ax RU242 (UNII Band 5) – Ch. 45)



Plot 7-747. LPI Power Spectral Density Plot SDM Diversity Antenna 5T (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 43)



Plot 7-745. LPI Power Spectral Density Plot SDM Diversity Antenna 5T (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 43)



Plot 7-748. LPI Power Spectral Density Plot SDM Diversity Antenna 1b (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 43)

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-27-R3.BCG	Test Dates: 11/29/2023 - 04/05/2024	EUT Type: Tablet Device	Page 237 of 607