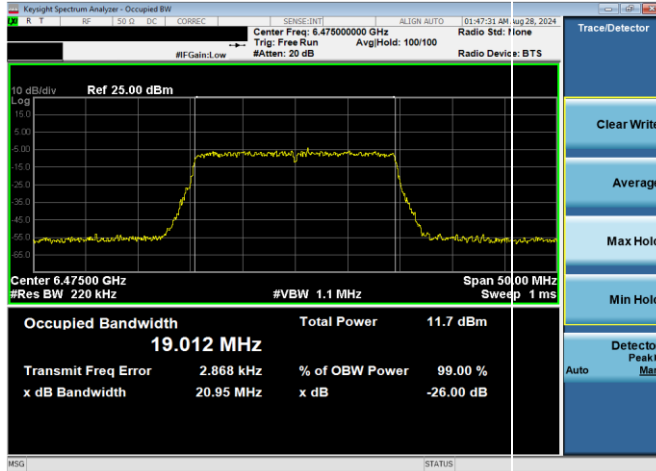
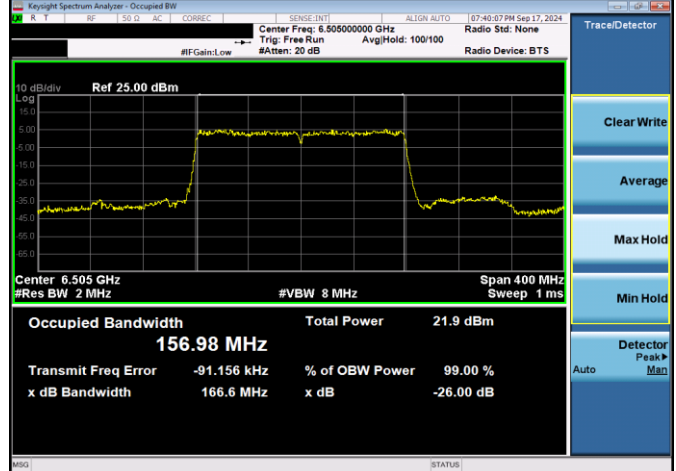
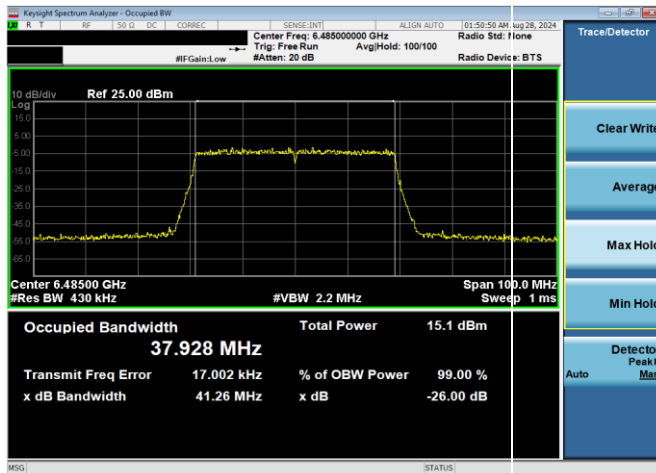




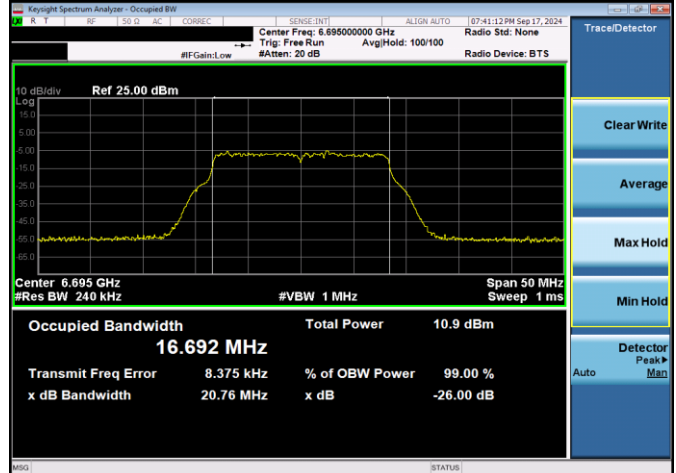
Plot 7-57. 26dB & 99% Bandwidth Plot Antenna 3b LPI (20MHz 802.11ax (UNII Band 6) – Ch. 105, MCS11)



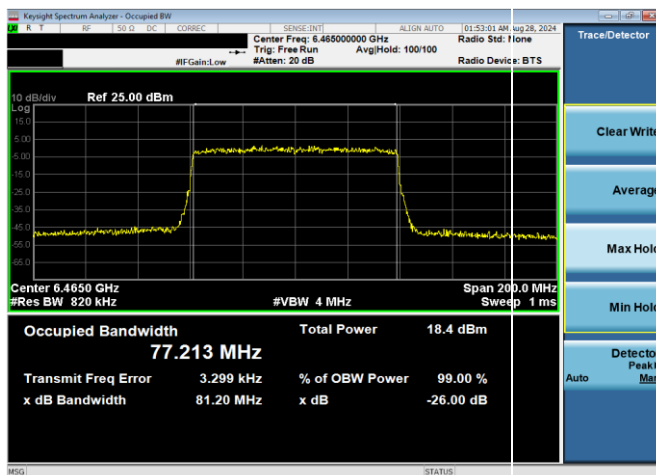
Plot 7-60. 26dB & 99% Bandwidth Plot Antenna 3b LPI (160MHz 802.11ax (UNII Band 6) – Ch. 111, MCS11)



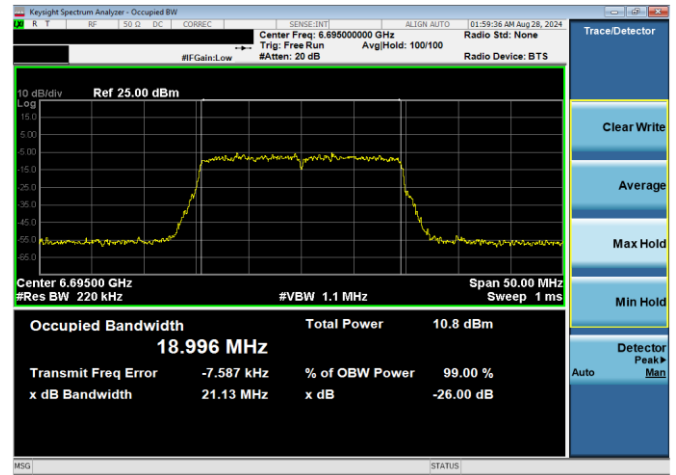
Plot 7-58. 26dB & 99% Bandwidth Plot Antenna 3b LPI (40MHz 802.11ax (UNII Band 6) – Ch. 107, MCS11)



Plot 7-61. 26dB & 99% Bandwidth Plot Antenna 3b LPI (20MHz 802.11a (UNII Band 7) – Ch. 149, 54Mbps)



Plot 7-59. 26dB & 99% Bandwidth Plot Antenna 3b LPI (80MHz 802.11ax (UNII Band 6) – Ch. 103, MCS11)

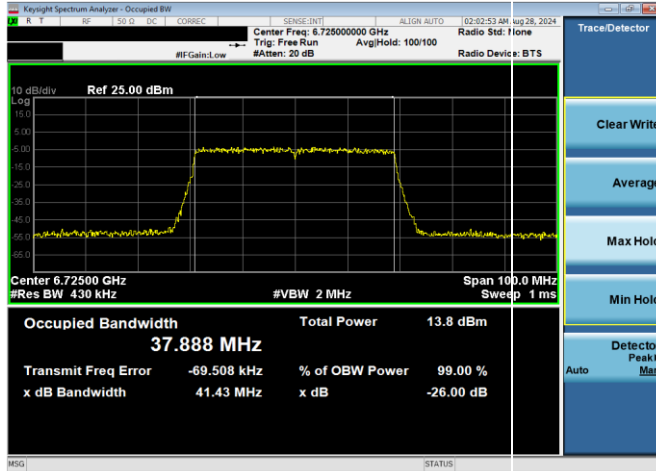


Plot 7-62. 26dB & 99% Bandwidth Plot Antenna 3b LPI (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS11)

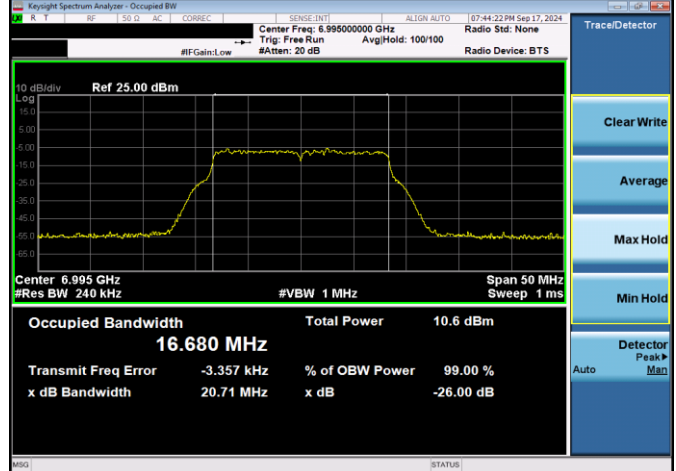
FCC ID: BCGA2995		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200018-24-R2.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device	Page 36 of 317

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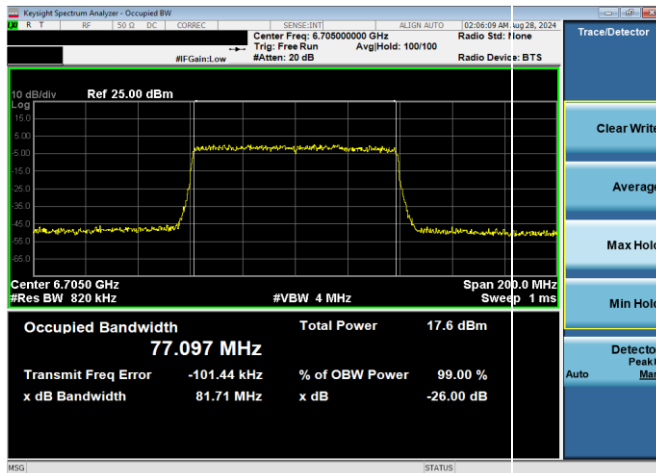
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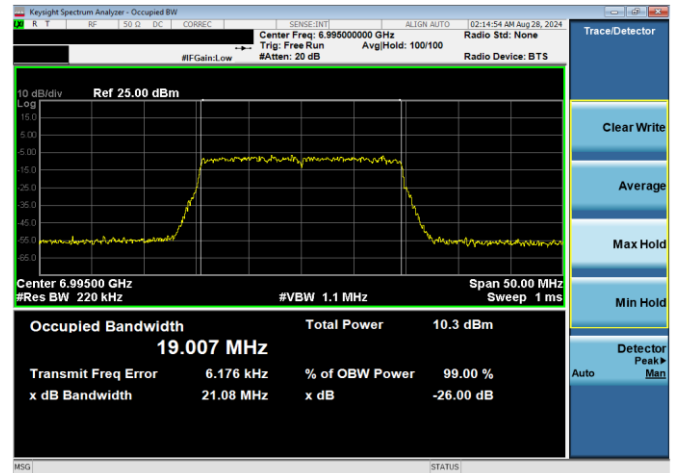
Plot 7-63. 26dB & 99% Bandwidth Plot Antenna 3b LPI (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS11)



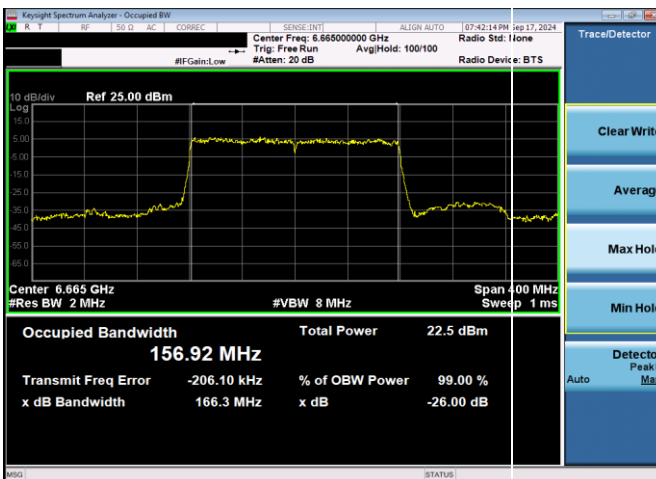
Plot 7-66. 26dB & 99% Bandwidth Plot Antenna 3b LPI (20MHz 802.11a (UNII Band 8) – Ch. 209, 54Mbps)



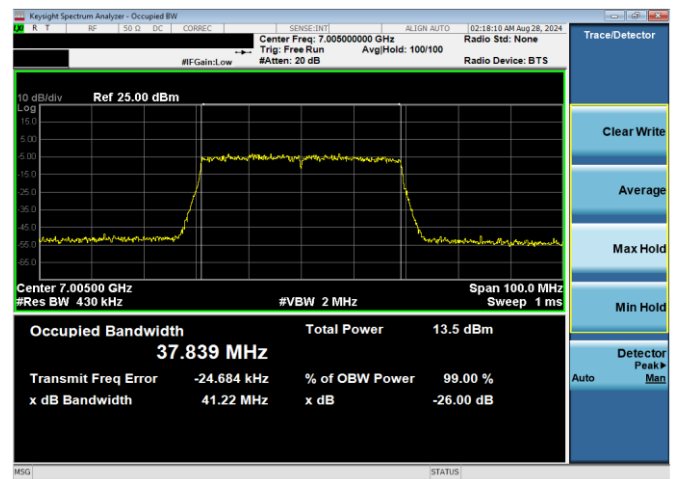
Plot 7-64. 26dB & 99% Bandwidth Plot Antenna 3b LPI (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS11)



Plot 7-67. 26dB & 99% Bandwidth Plot Antenna 3b LPI (20MHz 802.11ax (UNII Band 8) – Ch. 209, MCS11)



Plot 7-65. 26dB & 99% Bandwidth Plot Antenna 3b LPI (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS11)

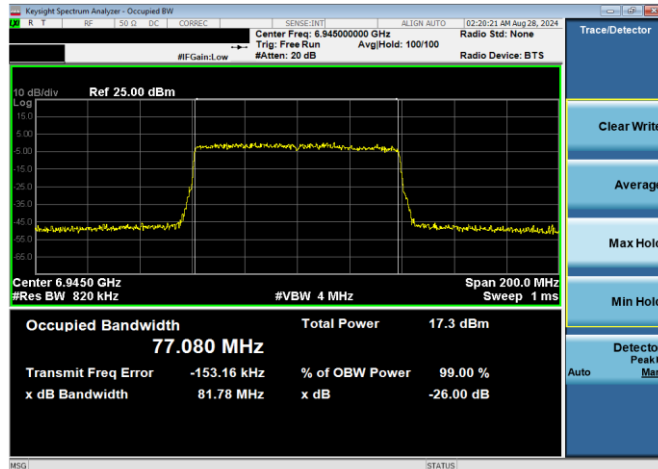


Plot 7-68. 26dB & 99% Bandwidth Plot Antenna 3b LPI (40MHz 802.11ax (UNII Band 8) – Ch. 211, MCS11)

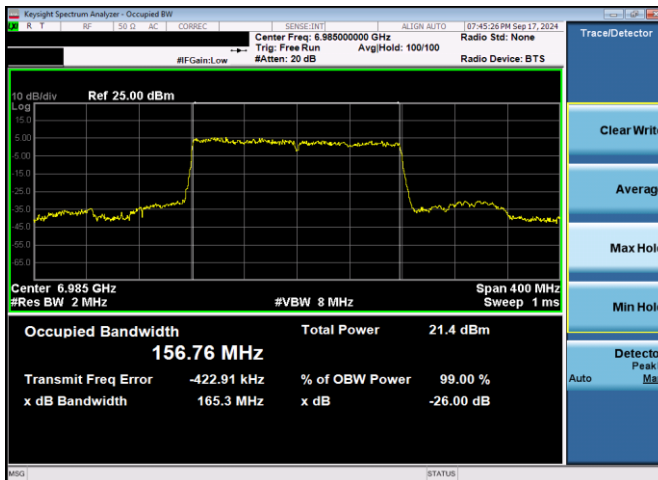
FCC ID: BCGA2995		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200018-24-R2.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device	Page 37 of 317

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Plot 7-69. 26dB & 99% Bandwidth Plot Antenna 3b LPI (80MHz 802.11ax (UNII Band 8) – Ch. 199, MCS11)

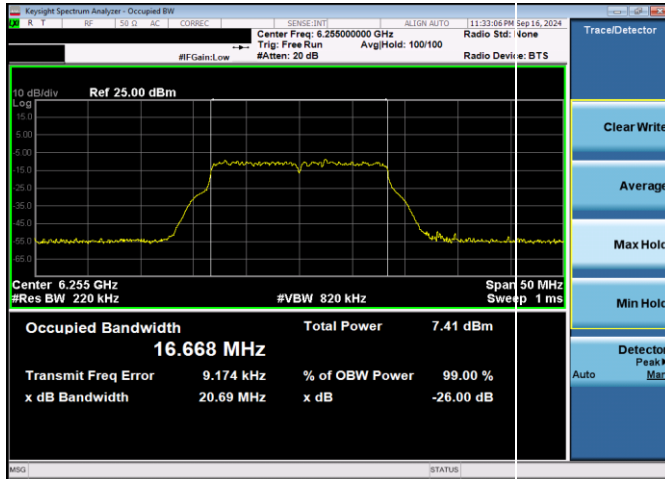


Plot 7-70. 26dB & 99% Bandwidth Plot Antenna 3b LPI (160MHz 802.11ax (UNII Band 8) – Ch. 207, MCS11)

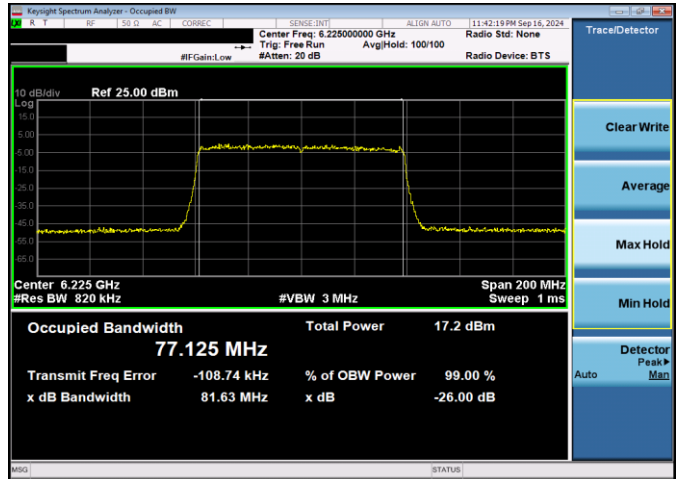
FCC ID: BCGA2995		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200018-24-R2.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device	Page 38 of 317

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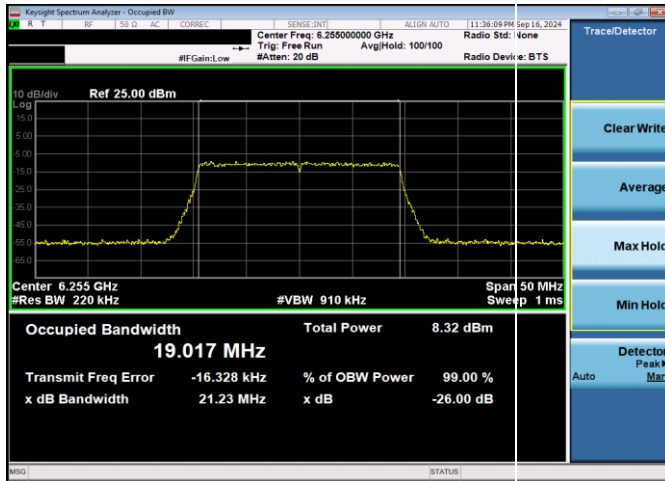
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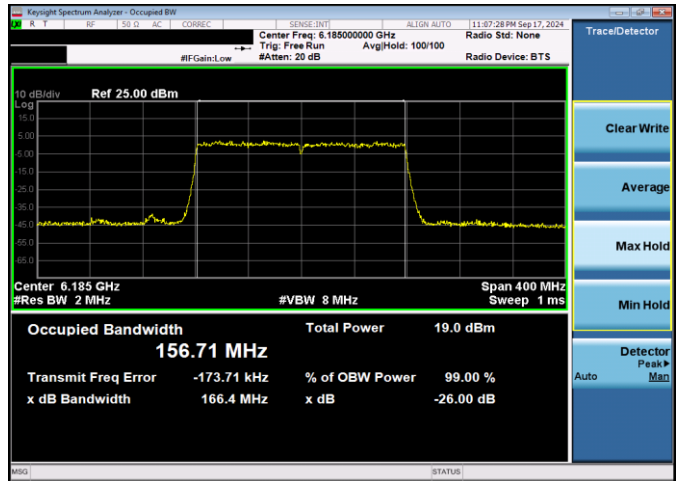
Plot 7-71. 26dB & 99% Bandwidth Plot Antenna 3b VLP (20MHz 802.11a (UNII Band 5) – Ch. 61, 54Mbps



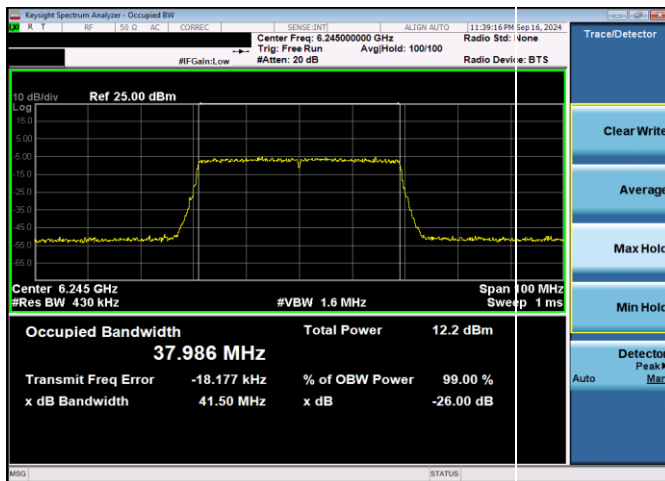
Plot 7-74. 26dB & 99% Bandwidth Plot Antenna 3b VLP (80MHz 802.11ax (UNII Band 5) – Ch. 55, MCS11)



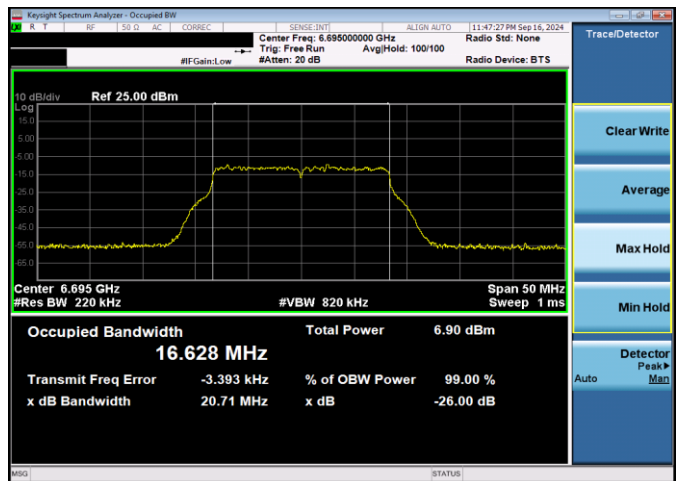
Plot 7-72. 26dB & 99% Bandwidth Plot Antenna 3b VLP (20MHz 802.11ax (UNII Band 5) – Ch. 61, MCS11)



Plot 7-75. 26dB & 99% Bandwidth Plot Antenna 3b VLP (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS11)

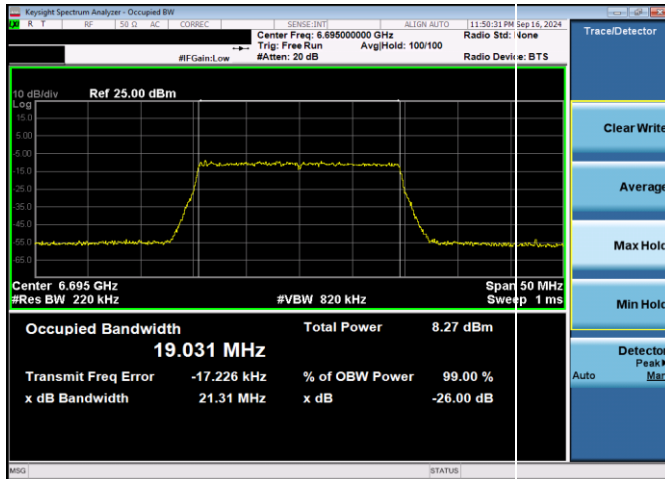


Plot 7-73. 26dB & 99% Bandwidth Plot Antenna 3b VLP (40MHz 802.11ax (UNII Band 5) – Ch. 59, MCS11)

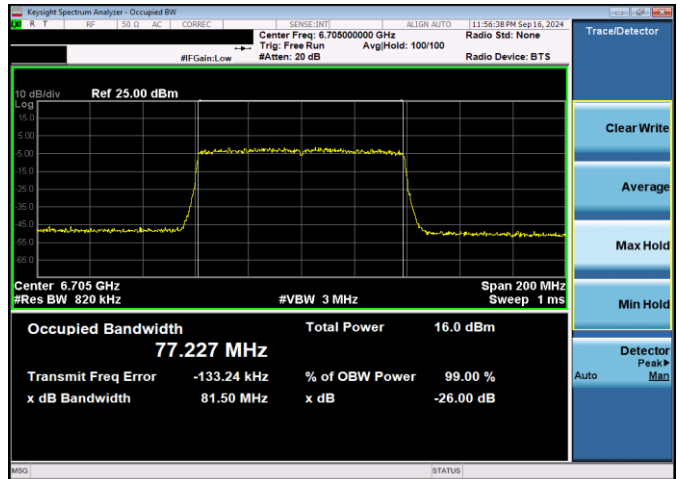


Plot 7-76. 26dB & 99% Bandwidth Plot Antenna 3b VLP (20MHz 802.11a (UNII Band 7) – Ch. 149, 54Mbps)

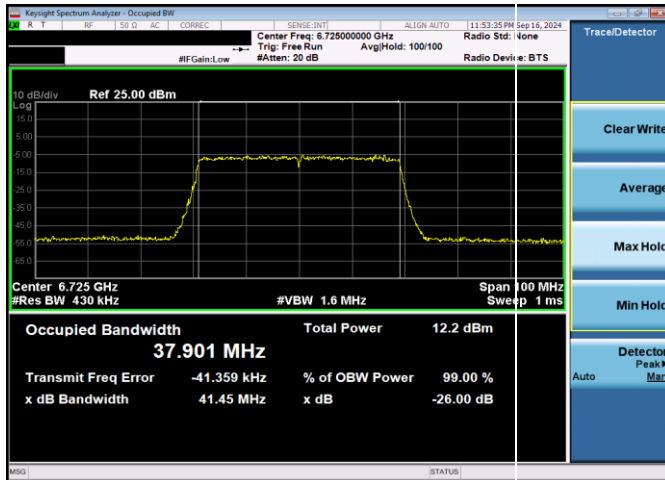
FCC ID: BCGA2995		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200018-24-R2.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device	Page 39 of 317



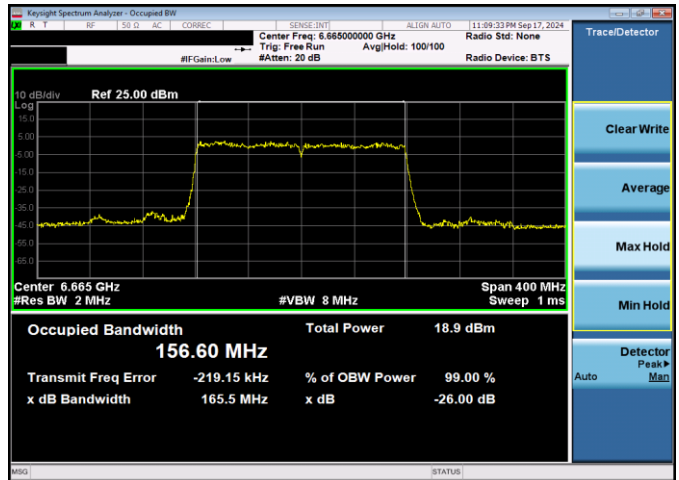
Plot 7-77. 26dB & 99% Bandwidth Plot Antenna 3b VLP (20MHz)
802.11ax (UNII Band 7) – Ch. 149, MCS11



Plot 7-79. 26dB & 99% Bandwidth Plot Antenna 3b VLP (80MHz)
802.11ax (UNII Band 7) – Ch. 151, MCS11



Plot 7-78. 26dB & 99% Bandwidth Plot Antenna 3b VLP (40MHz)
802.11ax (UNII Band 7) – Ch. 155, MCS11



Plot 7-80. 26dB & 99% Bandwidth Plot Antenna 3b VLP (160MHz)
802.11ax (UNII Band 7) – Ch. 143, MCS11

FCC ID: BCGA2995			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200018-24-R2.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device		Page 40 of 317

7.2.3 Antenna 1b 26dB & 99% Bandwidth Measurements

	Frequency [MHz]	Channel	802.11 MODE	Data Rate [MHz]	Measured 99% Occupied Bandwidth [MHz]	Measured 26dB Bandwidth [MHz]	Maximum Bandwidth Limit [MHz]	Pass / Fail
Band 5	5935	1	a	54	16.68	20.79	320	Pass
	6175	45	a	54	16.70	20.87	320	Pass
	6415	93	a	54	16.72	20.94	320	Pass
	5935	1	ax (20MHz)	135/143.4 (MCS11)	19.03	21.15	320	Pass
	6175	45	ax (20MHz)	135/143.4 (MCS11)	19.16	25.85	320	Pass
	6415	93	ax (20MHz)	135/143.4 (MCS11)	19.10	23.20	320	Pass
	5965	3	ax (40MHz)	271/286.8 (MCS11)	37.96	41.31	320	Pass
	6165	43	ax (40MHz)	271/286.8 (MCS11)	38.13	55.09	320	Pass
	6405	91	ax (40MHz)	271/286.8 (MCS11)	37.99	41.84	320	Pass
	5985	7	ax (80MHz)	567/600.5 (MCS11)	77.28	81.75	320	Pass
	6145	39	ax (80MHz)	567/600.5 (MCS11)	77.34	85.36	320	Pass
	6385	87	ax (80MHz)	567/600.5 (MCS11)	77.41	84.97	320	Pass
	6025	15	ax (160MHz)	1020.8/1201 (MCS11)	158.05	266.12	320	Pass
	6181	47	ax (160MHz)	1020.8/1201 (MCS11)	159.66	308.19	320	Pass
Band 7	6345	79	ax (160MHz)	1020.8/1201 (MCS11)	160.36	316.48	320	Pass
	6535	117	a	54	16.69	20.92	320	Pass
	6695	149	a	54	16.73	20.96	320	Pass
	6875	181	a	54	16.83	21.67	320	Pass
	6535	117	ax (20MHz)	135/143.4 (MCS11)	19.09	24.31	320	Pass
	6695	149	ax (20MHz)	135/143.4 (MCS11)	19.12	24.60	320	Pass
	6875	181	ax (20MHz)	135/143.4 (MCS11)	19.15	28.37	320	Pass
	6565	123	ax (40MHz)	271/286.8 (MCS11)	38.06	41.94	320	Pass
	6725	155	ax (40MHz)	271/286.8 (MCS11)	38.26	57.14	320	Pass
	6885	179	ax (40MHz)	271/286.8 (MCS11)	38.18	66.74	320	Pass
	6545	135	ax (80MHz)	567/600.5 (MCS11)	77.50	86.85	320	Pass
	6705	151	ax (80MHz)	567/600.5 (MCS11)	77.68	113.95	320	Pass
	6865	167	ax (80MHz)	567/600.5 (MCS11)	77.88	115.86	320	Pass
	6665	143	ax (160MHz)	1020.8/1201 (MCS11)	158.40	273.90	320	Pass

Table 7-8. Conducted Bandwidth Measurements Antenna 1b SP

FCC ID: BCGA2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2405200018-24-R2.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device	Page 41 of 317

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	Frequency [MHz]	Channel	802.11 MODE	Data Rate [MHz]	Measured 99% Occupied Bandwidth [MHz]	Measured 26dB Bandwidth [MHz]	Maximum Bandwidth Limit [MHz]	Pass / Fail
Band 5	5955	1	a	54	16.56	20.61	320	Pass
	6175	45	a	54	16.63	20.51	320	Pass
	6415	93	a	54	16.57	20.72	320	Pass
	5955	1	ax (20MHz)	135/143.4 (MCS11)	18.98	21.13	320	Pass
	6175	45	ax (20MHz)	135/143.4 (MCS11)	18.97	21.05	320	Pass
	6415	93	ax (20MHz)	135/143.4 (MCS11)	18.97	21.40	320	Pass
	5965	3	ax (40MHz)	271/286.8 (MCS11)	37.81	41.34	320	Pass
	6165	43	ax (40MHz)	271/286.8 (MCS11)	37.85	40.87	320	Pass
	6405	91	ax (40MHz)	271/286.8 (MCS11)	37.86	41.28	320	Pass
	5985	7	ax (80MHz)	567/600.5 (MCS11)	77.07	81.05	320	Pass
	6145	39	ax (80MHz)	567/600.5 (MCS11)	77.04	81.28	320	Pass
	6385	87	ax (80MHz)	567/600.5 (MCS11)	77.41	81.10	320	Pass
	6025	15	ax (160MHz)	1020.8/1201 (MCS11)	156.74	164.73	320	Pass
Band 6	6185	47	ax (160MHz)	1020.8/1201 (MCS11)	156.87	166.09	320	Pass
	6345	79	ax (160MHz)	1020.8/1201 (MCS11)	156.88	166.75	320	Pass
	6435	97	a	54	16.60	20.54	320	Pass
	6475	105	a	54	16.62	20.61	320	Pass
	6515	113	a	54	16.57	20.36	320	Pass
	6435	97	ax (20MHz)	135/143.4 (MCS11)	19.00	20.86	320	Pass
	6475	105	ax (20MHz)	135/143.4 (MCS11)	18.99	21.10	320	Pass
	6515	113	ax (20MHz)	135/143.4 (MCS11)	18.98	21.23	320	Pass
	6445	99	ax (40MHz)	271/286.8 (MCS11)	37.88	41.25	320	Pass
	6485	107	ax (40MHz)	271/286.8 (MCS11)	37.91	41.09	320	Pass
Band 7	6525	115	ax (40MHz)	271/286.8 (MCS11)	37.85	41.08	320	Pass
	6465	103	ax (80MHz)	567/600.5 (MCS11)	77.24	81.41	320	Pass
	6505	111	ax (160MHz)	1020.8/1201 (MCS11)	157.05	166.43	320	Pass
	6535	117	a	54	16.61	20.59	320	Pass
	6695	149	a	54	16.69	20.81	320	Pass
	6875	185	a	54	16.61	20.64	320	Pass
	6535	117	ax (20MHz)	135/143.4 (MCS11)	19.03	20.86	320	Pass
	6695	149	ax (20MHz)	135/143.4 (MCS11)	18.98	21.20	320	Pass
	6875	185	ax (20MHz)	135/143.4 (MCS11)	19.02	20.75	320	Pass
	6565	123	ax (40MHz)	271/286.8 (MCS11)	37.93	41.11	320	Pass
	6725	155	ax (40MHz)	271/286.8 (MCS11)	37.85	41.06	320	Pass
	6845	179	ax (40MHz)	271/286.8 (MCS11)	37.92	41.11	320	Pass
Band 8	6545	119	ax (80MHz)	567/600.5 (MCS11)	77.12	81.12	320	Pass
	6705	151	ax (80MHz)	567/600.5 (MCS11)	77.19	81.07	320	Pass
	6865	183	ax (80MHz)	567/600.5 (MCS11)	77.13	81.40	320	Pass
	6665	143	ax (160MHz)	1020.8/1201 (MCS11)	156.81	165.83	320	Pass
	6825	175	ax (160MHz)	1020.8/1201 (MCS11)	156.91	165.87	320	Pass
	6895	189	a	54	16.55	20.56	320	Pass
	6995	209	a	54	16.70	20.78	320	Pass
	7115	233	a	54	16.60	20.62	320	Pass
	6895	189	ax (20MHz)	135/143.4 (MCS11)	19.00	21.13	320	Pass
	6995	209	ax (20MHz)	135/143.4 (MCS11)	19.01	21.08	320	Pass
	7115	233	ax (20MHz)	135/143.4 (MCS11)	19.00	20.90	320	Pass
	6885	187	ax (40MHz)	271/286.8 (MCS11)	37.89	40.72	320	Pass
	7005	211	ax (40MHz)	271/286.8 (MCS11)	37.84	41.12	320	Pass
	7085	227	ax (40MHz)	271/286.8 (MCS11)	37.89	41.15	320	Pass
	6945	199	ax (80MHz)	567/600.5 (MCS11)	77.04	81.01	320	Pass
	7025	215	ax (80MHz)	567/600.5 (MCS11)	77.08	81.51	320	Pass
	6985	207	ax (160MHz)	1020.8/1201 (MCS11)	156.94	165.89	320	Pass

Table 7-9. Conducted Bandwidth Measurements Antenna 1b LPI

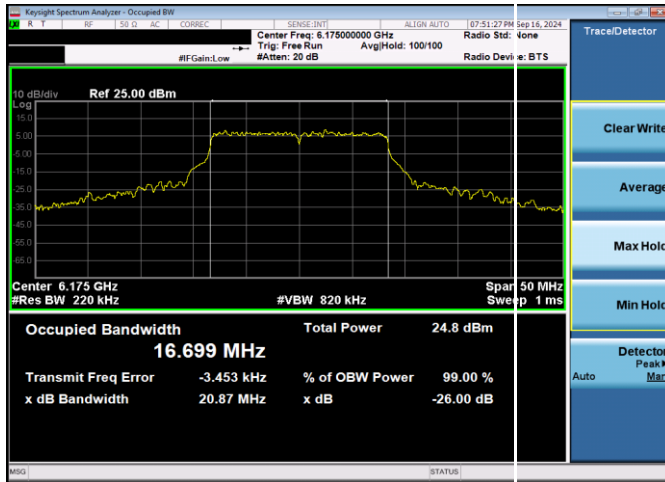
FCC ID: BCGA2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2405200018-24-R2.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device	Page 42 of 317

	Frequency [MHz]	Channel	802.11 MODE	Data Rate [MHz]	Measured 99% Occupied Bandwidth [MHz]	Measured 26dB Bandwidth [MHz]	Maximum Bandwidth Limit [MHz]	Pass / Fail
Band 5	6115	33	a	54	16.65	20.64	320	Pass
	6255	61	a	54	16.64	20.72	320	Pass
	6415	93	a	54	16.65	20.71	320	Pass
	6115	33	ax (20MHz)	135/143.4 (MCS11)	19.04	21.11	320	Pass
	6255	61	ax (20MHz)	135/143.4 (MCS11)	19.00	21.22	320	Pass
	6415	93	ax (20MHz)	135/143.4 (MCS11)	19.01	21.33	320	Pass
	6125	35	ax (40MHz)	271/286.8 (MCS11)	37.91	41.43	320	Pass
	6245	59	ax (40MHz)	271/286.8 (MCS11)	37.88	41.14	320	Pass
	6405	91	ax (40MHz)	271/286.8 (MCS11)	37.94	41.29	320	Pass
	6145	39	ax (80MHz)	567/600.5 (MCS11)	77.10	81.77	320	Pass
	6225	55	ax (80MHz)	567/600.5 (MCS11)	77.15	81.52	320	Pass
	6385	87	ax (80MHz)	567/600.5 (MCS11)	77.25	81.70	320	Pass
	6185	47	ax (160MHz)	1020.8/1201 (MCS11)	156.81	165.90	320	Pass
Band 7	6345	79	ax (160MHz)	1020.8/1201 (MCS11)	156.91	166.24	320	Pass
	6535	117	a	54	16.65	20.72	320	Pass
	6695	149	a	54	16.65	20.71	320	Pass
	6855	181	a	54	16.65	20.74	320	Pass
	6535	117	ax (20MHz)	135/143.4 (MCS11)	19.04	21.23	320	Pass
	6695	149	ax (20MHz)	135/143.4 (MCS11)	19.05	21.37	320	Pass
	6855	181	ax (20MHz)	135/143.4 (MCS11)	19.01	21.10	320	Pass
	6565	123	ax (40MHz)	271/286.8 (MCS11)	37.89	41.14	320	Pass
	6725	155	ax (40MHz)	271/286.8 (MCS11)	37.86	41.20	320	Pass
	6845	179	ax (40MHz)	271/286.8 (MCS11)	37.91	41.20	320	Pass
	6625	135	ax (80MHz)	567/600.5 (MCS11)	77.18	81.54	320	Pass
	6705	151	ax (80MHz)	567/600.5 (MCS11)	77.08	81.67	320	Pass
	6785	167	ax (80MHz)	567/600.5 (MCS11)	77.21	81.44	320	Pass
	6665	143	ax (160MHz)	1020.8/1201 (MCS11)	156.62	166.22	320	Pass

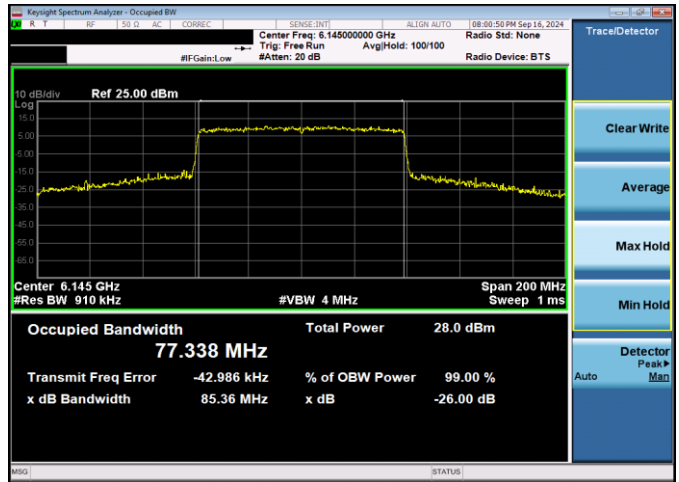
Table 7-10. Conducted Bandwidth Measurements Antenna 1b VLP

FCC ID: BCGA2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2405200018-24-R2.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device	Page 43 of 317

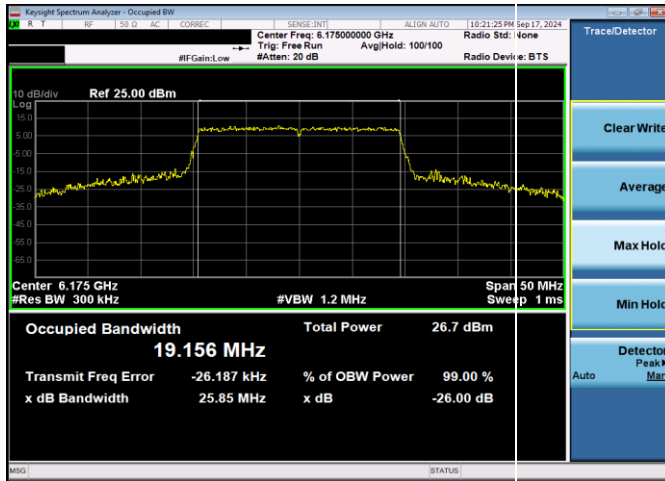
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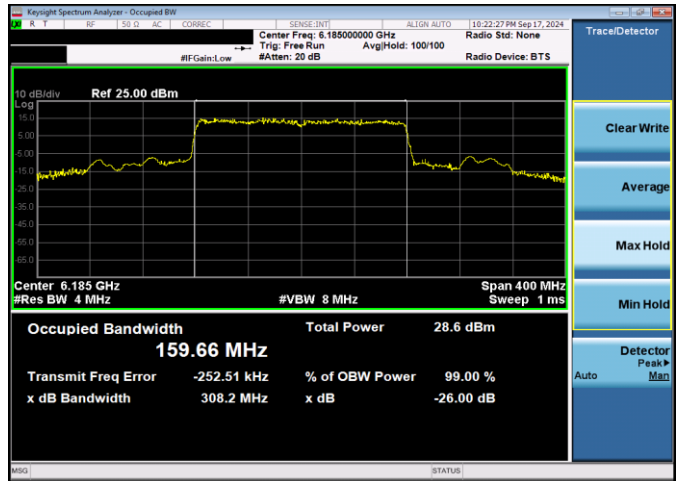
Plot 7-81. 26dB & 99% Bandwidth Plot Antenna 1b SP (20MHz 802.11a (UNII Band 5) – Ch. 45, 54Mbps)



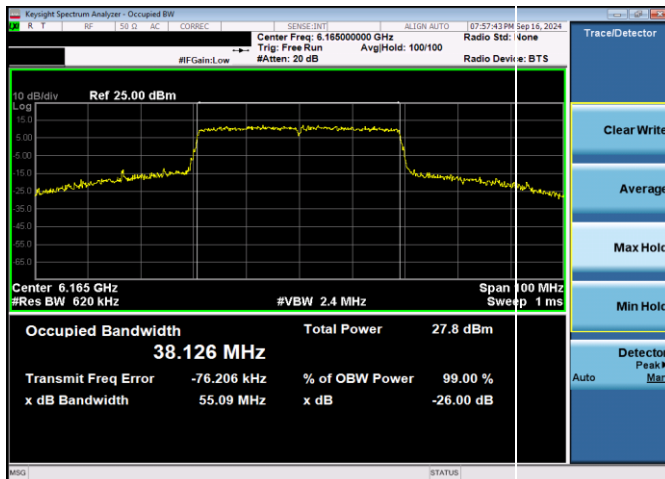
Plot 7-84. 26dB & 99% Bandwidth Plot Antenna 1b SP (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS11)



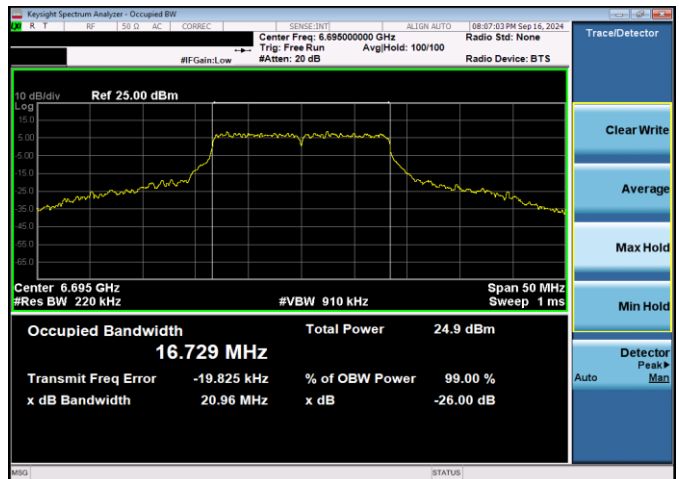
Plot 7-82. 26dB & 99% Bandwidth Plot Antenna 1b SP (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS11)



Plot 7-85. 26dB & 99% Bandwidth Plot Antenna 1b SP (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS11)

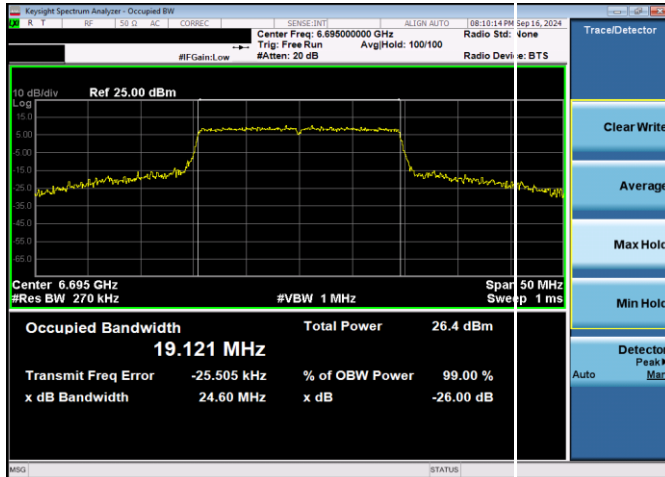


Plot 7-83. 26dB & 99% Bandwidth Plot Antenna 1b SP (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS11)

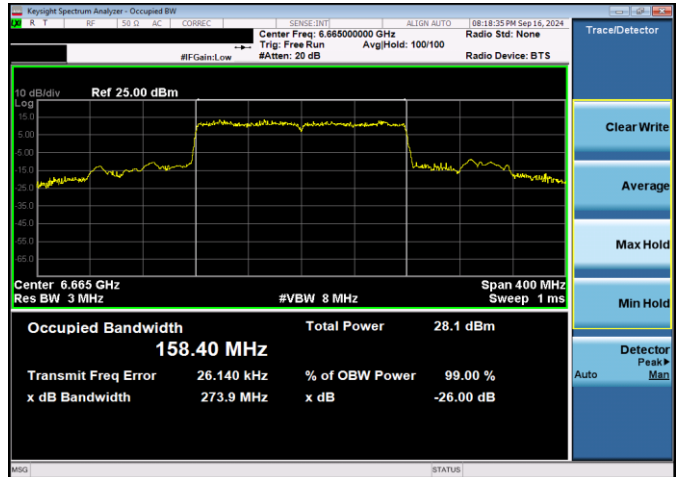


Plot 7-86. 26dB & 99% Bandwidth Plot Antenna 1b SP (20MHz 802.11a (UNII Band 7) – Ch. 149, 54Mbps)

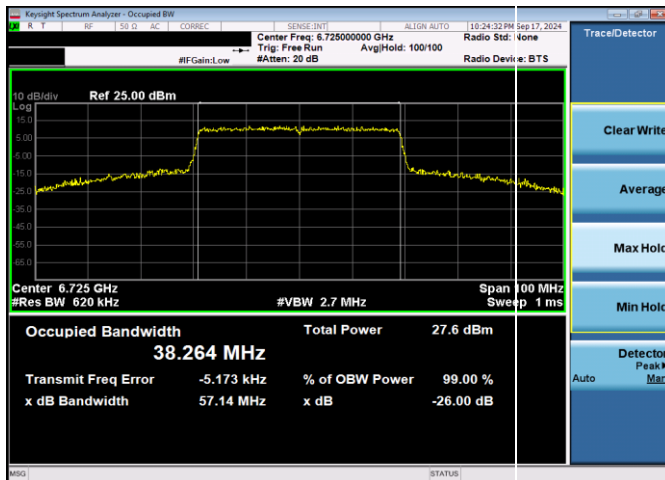
FCC ID: BCGA2995		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200018-24-R2.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device	Page 44 of 317



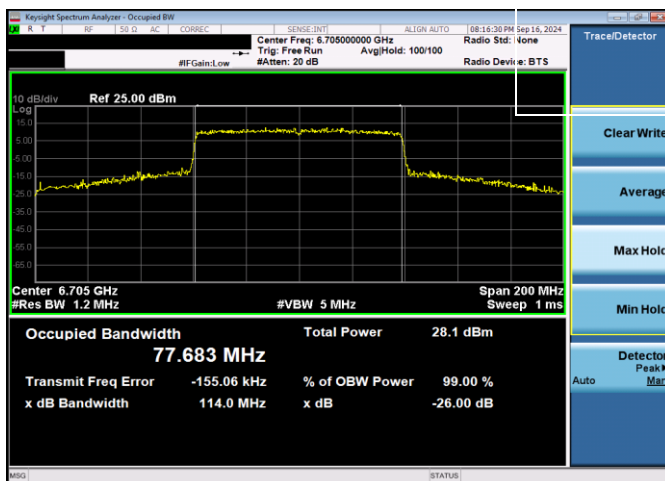
Plot 7-87. 26dB & 99% Bandwidth Plot Antenna 1b SP (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS11



Plot 7-90. 26dB & 99% Bandwidth Plot Antenna 1b SP (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS11)



Plot 7-88. 26dB & 99% Bandwidth Plot Antenna 1b SP (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS11)

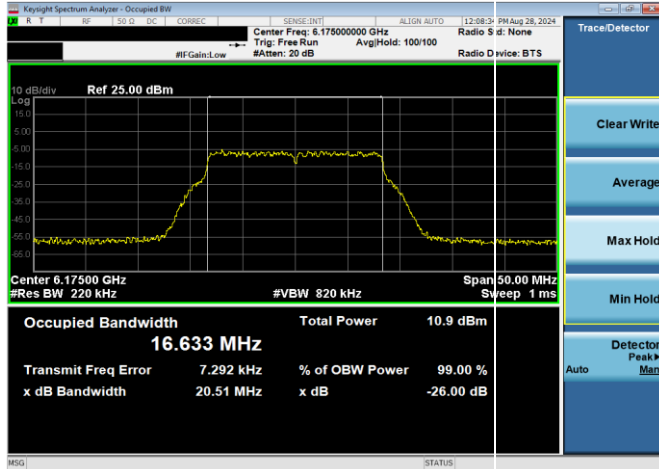


Plot 7-89. 26dB & 99% Bandwidth Plot Antenna 1b SP (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS11)

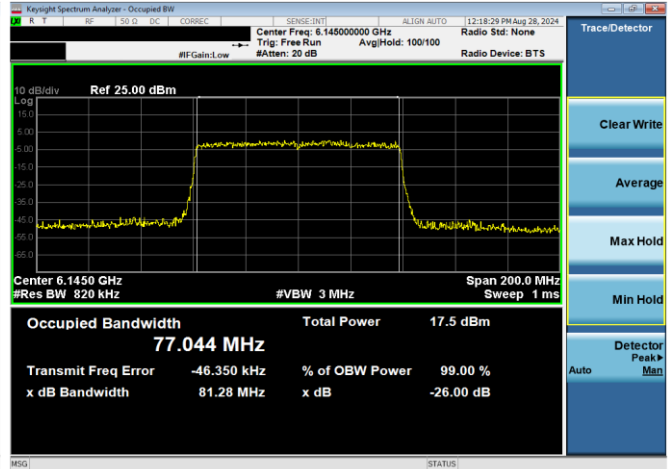
FCC ID: BCGA2995		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200018-24-R2.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device	Page 45 of 317

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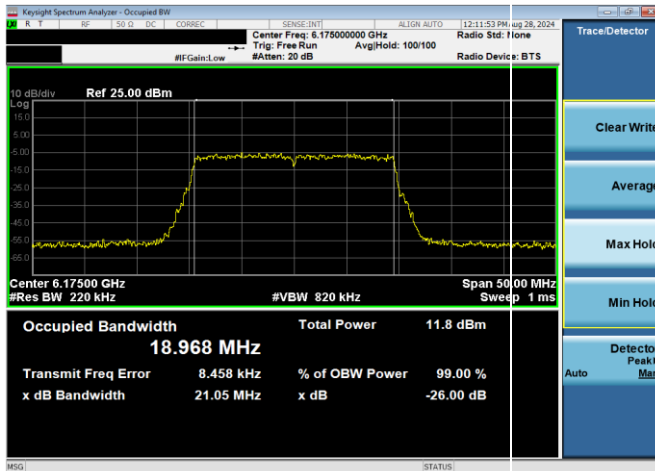
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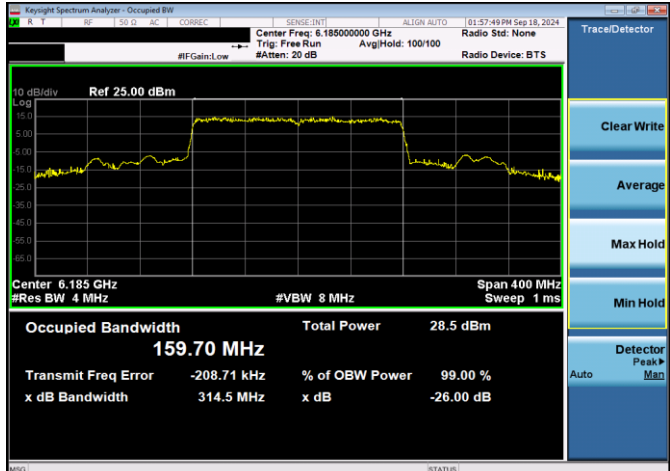
Plot 7-91. 26dB & 99% Bandwidth Plot Antenna 1b LPI (20MHz 802.11a (UNII Band 5) – Ch. 45, 54Mbps)



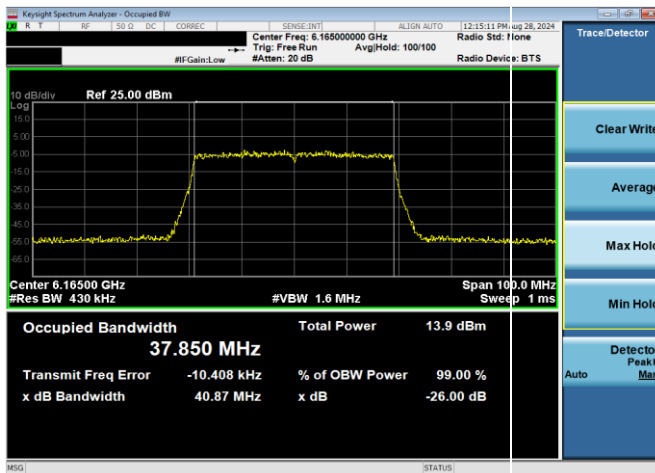
Plot 7-94. 26dB & 99% Bandwidth Plot Antenna 1b LPI (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS11)



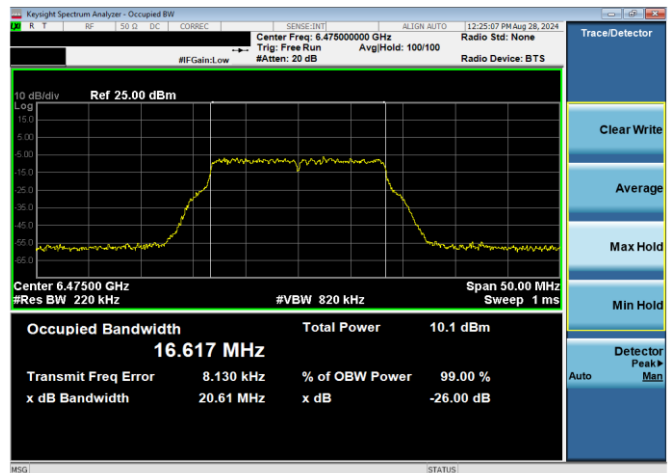
Plot 7-92. 26dB & 99% Bandwidth Plot Antenna 1b LPI (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS11)



Plot 7-95. 26dB & 99% Bandwidth Plot Antenna 1b LPI (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS11)



Plot 7-93. 26dB & 99% Bandwidth Plot Antenna 1b LPI (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS11)

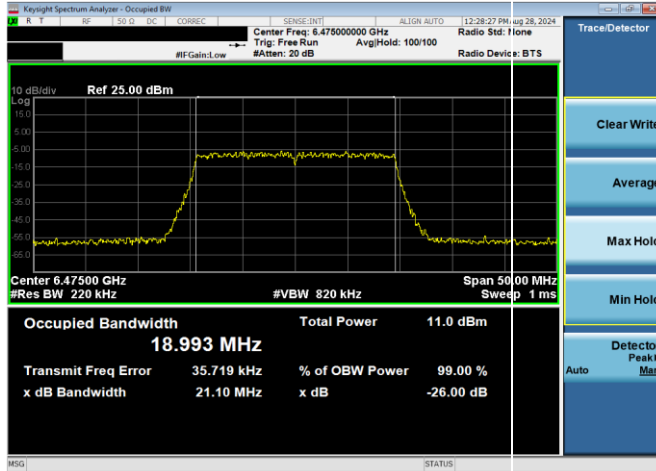


Plot 7-96. 26dB & 99% Bandwidth Plot Antenna 1b LPI (20MHz 802.11a (UNII Band 6) – Ch. 105, 54Mbps)

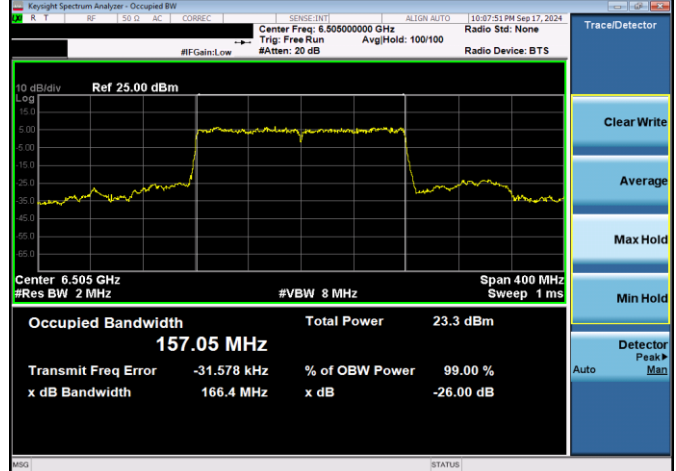
FCC ID: BCGA2995		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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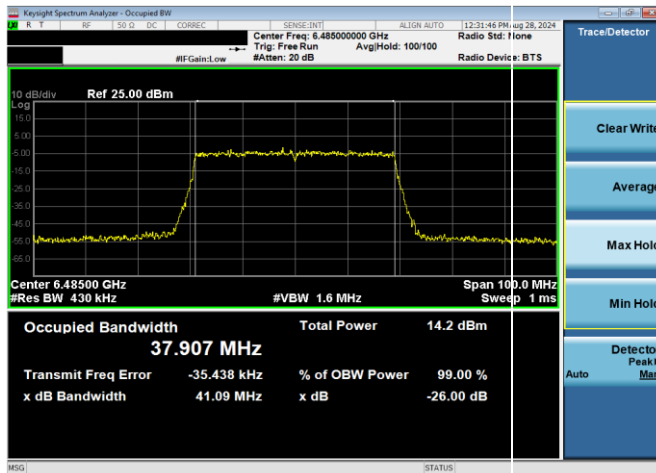
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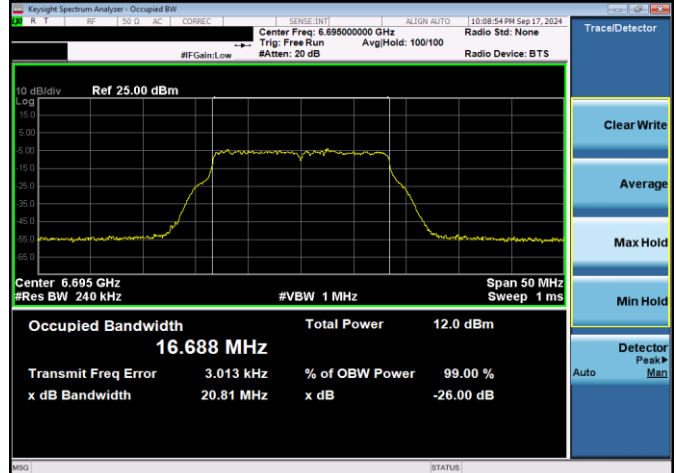
Plot 7-97. 26dB & 99% Bandwidth Plot Antenna 1b LPI (20MHz 802.11ax (UNII Band 6) – Ch. 105, MCS11)



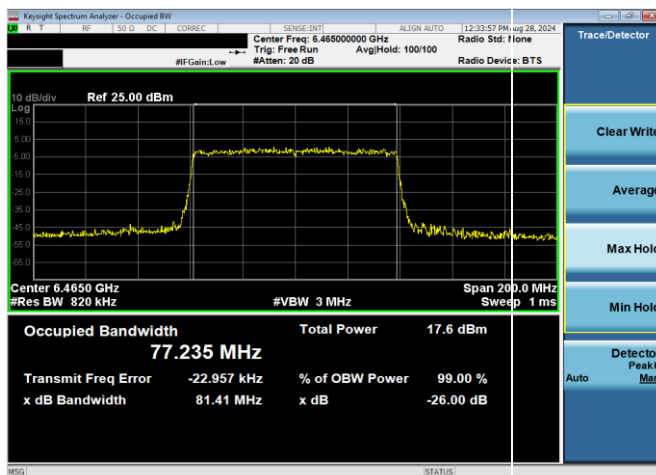
Plot 7-100. 26dB & 99% Bandwidth Plot Antenna 1b LPI (160MHz 802.11ax (UNII Band 6) – Ch. 111, MCS11)



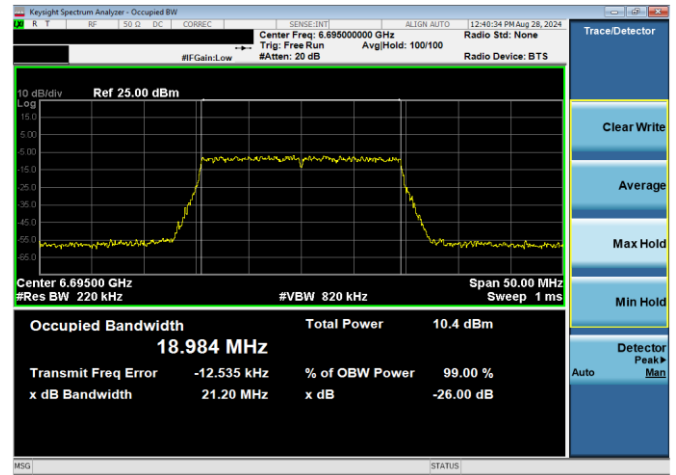
Plot 7-98. 26dB & 99% Bandwidth Plot Antenna 1b LPI (40MHz 802.11ax (UNII Band 6) – Ch. 107, MCS11)



Plot 7-101. 26dB & 99% Bandwidth Plot Antenna 1b LPI (20MHz 802.11a (UNII Band 7) – Ch. 149, 54Mbps)



Plot 7-99. 26dB & 99% Bandwidth Plot Antenna 1b LPI (80MHz 802.11ax (UNII Band 6) – Ch. 103, MCS11)

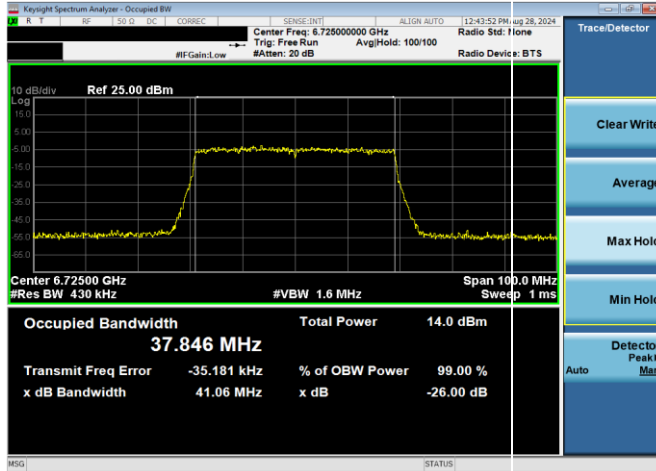


Plot 7-102. 26dB & 99% Bandwidth Plot Antenna 1b LPI (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS11)

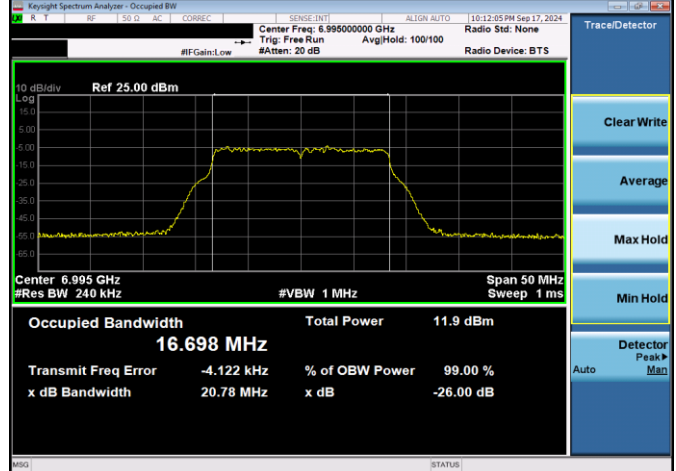
FCC ID: BCGA2995		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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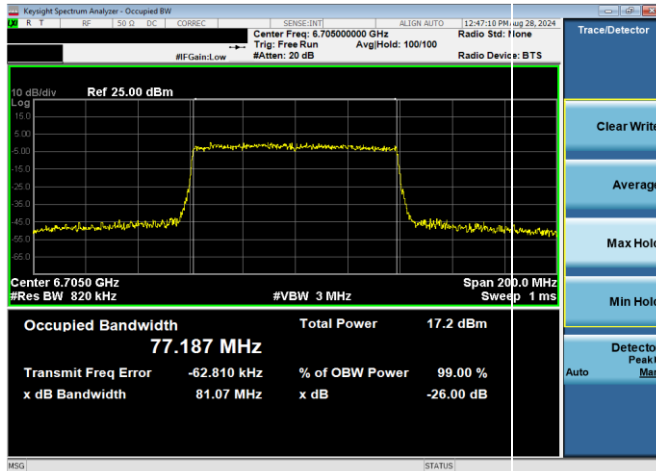
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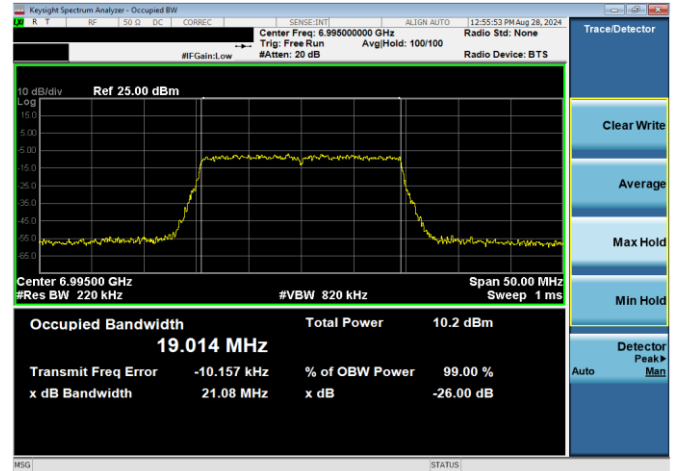
Plot 7-103. 26dB & 99% Bandwidth Plot Antenna 1b LPI (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS11)



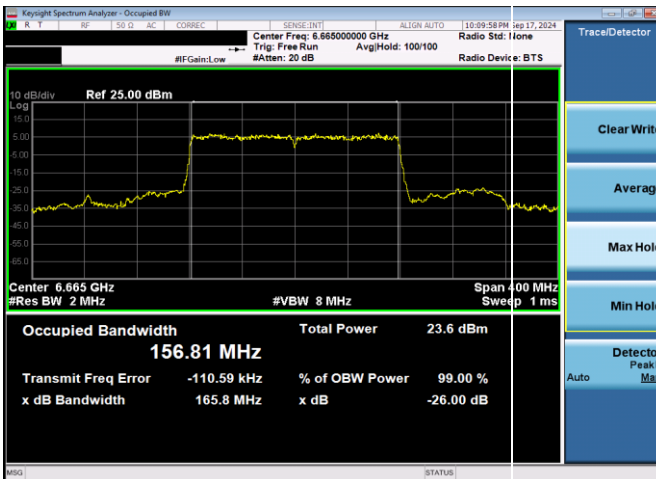
Plot 7-106. 26dB & 99% Bandwidth Plot Antenna 1b LPI (20MHz 802.11a (UNII Band 8) – Ch. 209, 54Mbps)



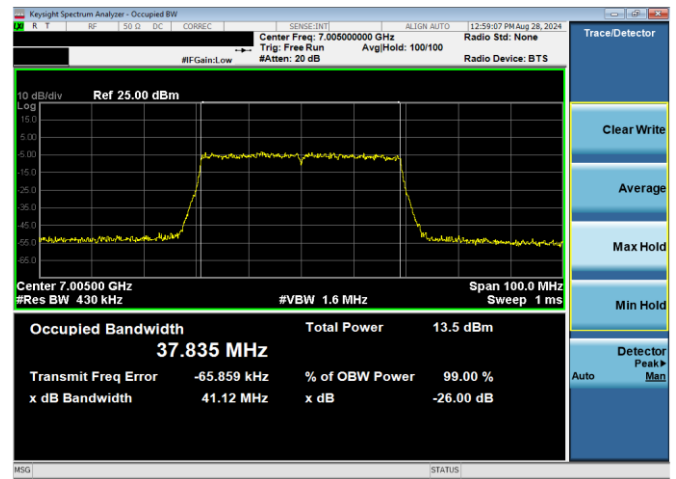
Plot 7-104. 26dB & 99% Bandwidth Plot Antenna 1b LPI (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS11)



Plot 7-107. 26dB & 99% Bandwidth Plot Antenna 1b LPI (20MHz 802.11ax (UNII Band 8) – Ch. 209, MCS11)



Plot 7-105. 26dB & 99% Bandwidth Plot Antenna 1b LPI (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS11)

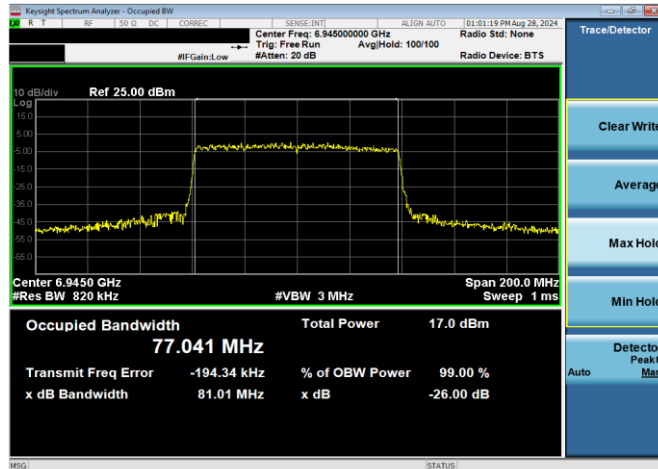


Plot 7-108. 26dB & 99% Bandwidth Plot Antenna 1b LPI (40MHz 802.11ax (UNII Band 8) – Ch. 211, MCS11)

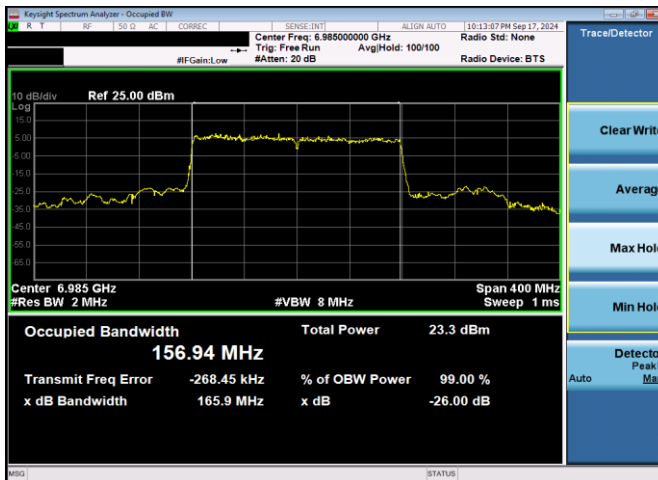
FCC ID: BCGA2995		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-109. 26dB & 99% Bandwidth Plot Antenna 1b LPI (80MHz)
802.11ax (UNII Band 8) – Ch. 199, MCS11)

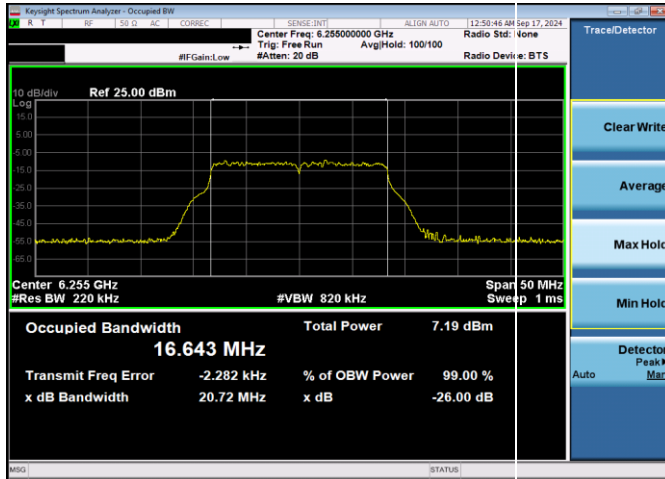


Plot 7-110. 26dB & 99% Bandwidth Plot Antenna 1b LPI (160MHz)
802.11ax (UNII Band 8) – Ch. 207, MCS11)

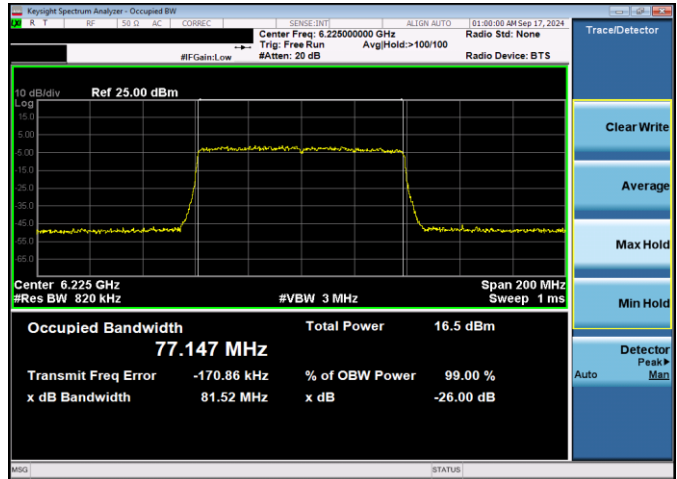
FCC ID: BCGA2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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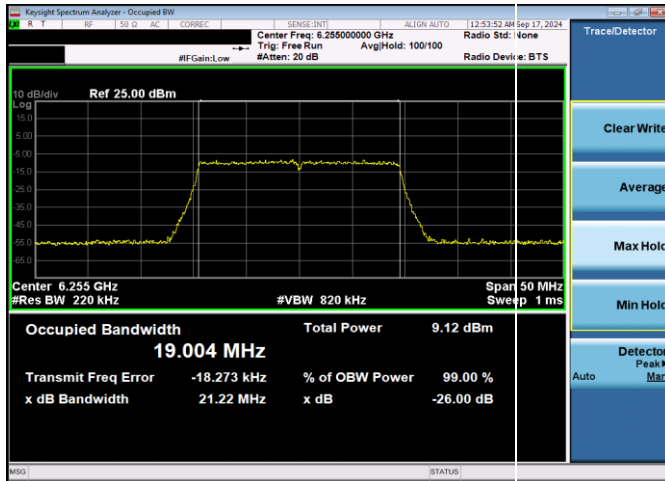
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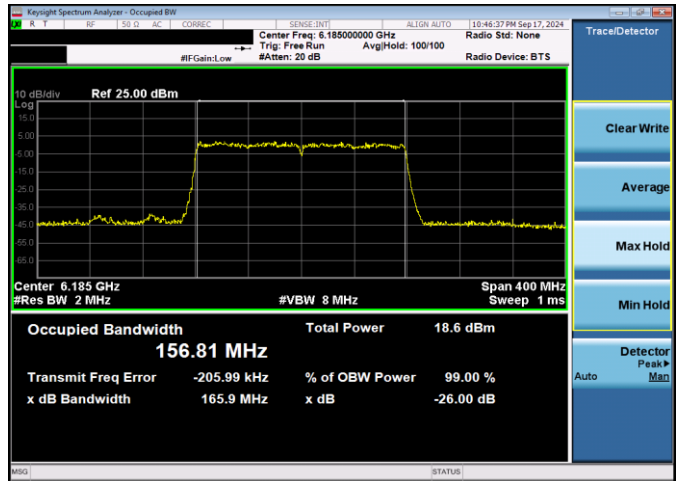
Plot 7-111. 26dB & 99% Bandwidth Plot Antenna 1b VLP (20MHz 802.11a (UNII Band 5) – Ch. 61, 54Mbps



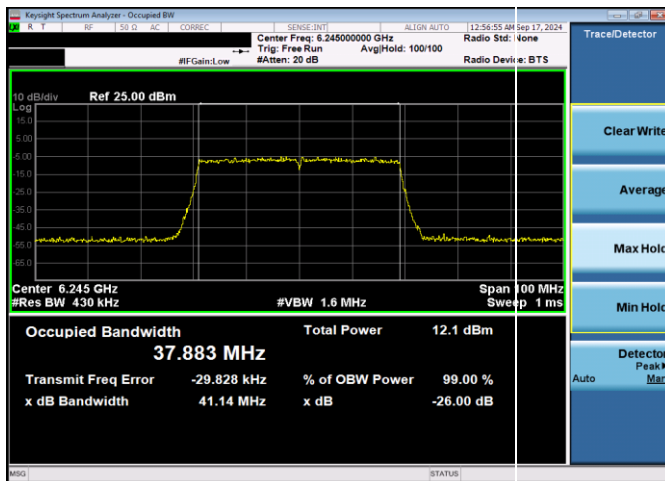
Plot 7-114. 26dB & 99% Bandwidth Plot Antenna 1b VLP (80MHz 802.11ax (UNII Band 5) – Ch. 55, MCS11)



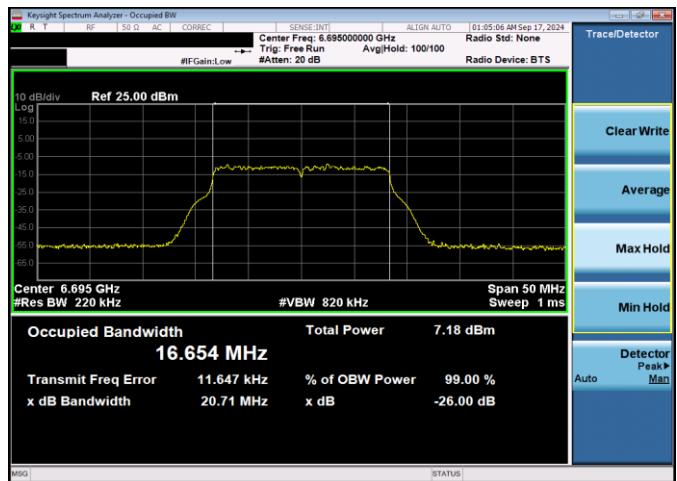
Plot 7-112. 26dB & 99% Bandwidth Plot Antenna 1b VLP (20MHz 802.11ax (UNII Band 5) – Ch. 61, MCS11)



Plot 7-115. 26dB & 99% Bandwidth Plot Antenna 1b VLP (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS11)

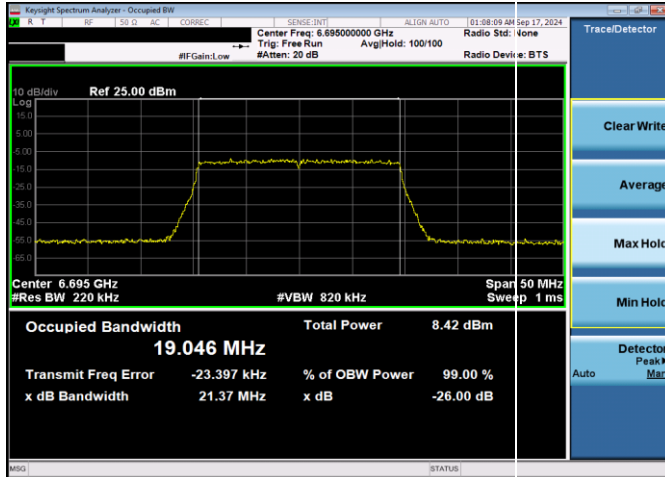


Plot 7-113. 26dB & 99% Bandwidth Plot Antenna 1b VLP (40MHz 802.11ax (UNII Band 5) – Ch. 59, MCS11)

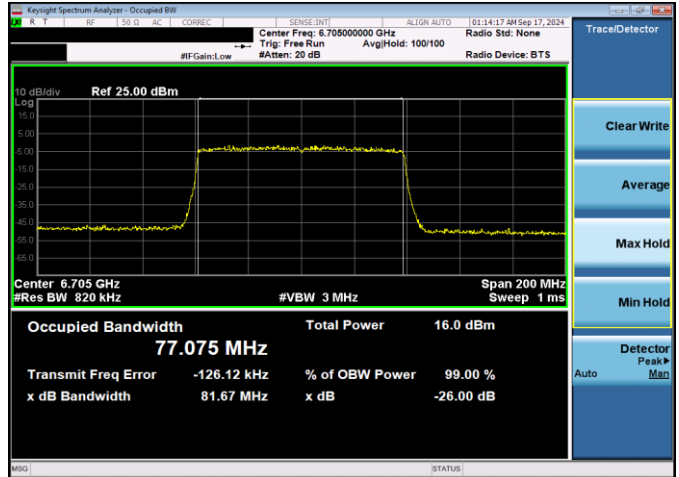


Plot 7-116. 26dB & 99% Bandwidth Plot Antenna 1b VLP (20MHz 802.11a (UNII Band 7) – Ch. 149, 54Mbps)

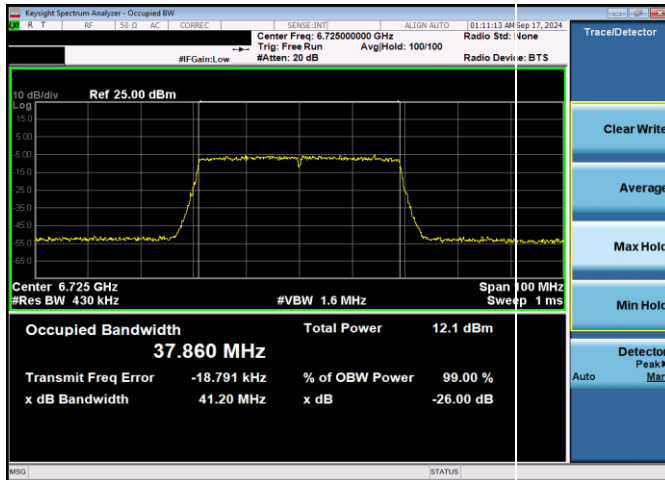
FCC ID: BCGA2995		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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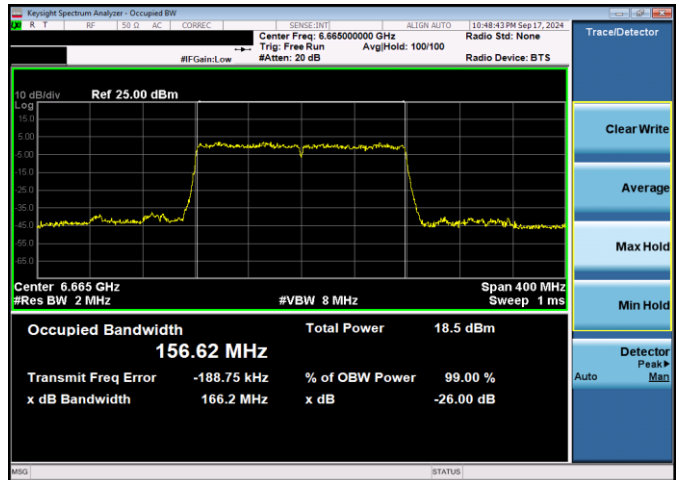
Plot 7-117. 26dB & 99% Bandwidth Plot Antenna 1b VLP (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS11



Plot 7-119. 26dB & 99% Bandwidth Plot Antenna 1b VLP (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS11)



Plot 7-118. 26dB & 99% Bandwidth Plot Antenna 1b VLP (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS11)



Plot 7-120. 26dB & 99% Bandwidth Plot Antenna 1b VLP (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS11)

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7.3 Conducted Output Power and Max EIRP Measurement

§15.407(a)(7), 15.407(a)(8), 15.407(a)(9)

Test Overview and Limits

A transmitter antenna terminal of the EUT is connected to the input of an RF pulse power sensor. Measurement is made using a broadband average power meter while the EUT is operating at its maximum duty cycle, at its maximum power control level, as defined in ANSI C63.10-2020 and KDB 789033 D02 v02r01, and at the appropriate frequencies.

In the 5.925 – 7.125GHz band, the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm for Standard Power mode (SP), 14dBm for Very Low Power (VLP) and 24dBm for Low Power Indoor mode (LPI).

Test Procedure Used

ANSI C63.10-2020 – Section 12.4.3.2 Method PM-G
KDB 789033 D02 v02r01 – Section E)3)b) Method PM-G
ANSI C63.10-2020 – Section 14.4 Measure-and-Sum Technique
KDB 662911 v02r01 – Section E)1) Measure-and-Sum Technique

Test Settings

Average power measurements were performed only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter. The trace was averaged over 100 traces to obtain the final measured average power.

Test Setup

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



Figure 7-2. Test Instrument & Measurement Setup

Test Notes

None

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7.3.1 Antenna 5T Conducted Output Power Measurements

6GHz (20MHz Bandwidth)	Frequency [MHz]	Channel	Detector	Conducted Power [dBm]		Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
				802.11a	802.11ax				
	5955	1	AVG	4.24	4.73	3.70	8.43	24.00	-15.57
	6175	45	AVG	4.95	5.11	3.70	8.81	24.00	-15.19
	6415	93	AVG	5.26	5.25	3.70	8.96	24.00	-15.04
	6435	97	AVG	5.00	5.01	3.10	8.11	24.00	-15.90
	6475	105	AVG	4.96	4.89	3.10	8.06	24.00	-15.94
	6515	113	AVG	5.02	5.06	3.10	8.16	24.00	-15.84
	6535	117	AVG	4.91	4.61	3.50	8.41	24.00	-15.59
	6695	149	AVG	4.84	4.86	3.50	8.36	24.00	-15.64
	6875	185	AVG	4.82	4.87	3.50	8.37	24.00	-15.63
	6895	189	AVG	4.99	4.92	3.30	8.29	24.00	-15.71
	6995	209	AVG	4.60	4.92	3.30	8.22	24.00	-15.78
	7115	233	AVG	4.94	4.61	3.30	8.24	24.00	-15.76

Table 7-11. Antenna 5T 20MHz BW 802.11a/ax(SU) (UNII) Maximum Conducted Output Power – LPI

6GHz (40MHz Bandwidth)	Frequency [MHz]	Channel	Detector	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5965	3	AVG	7.63	3.70	11.33	24.00	-12.67
	6165	43	AVG	8.21	3.70	11.91	24.00	-12.09
	6405	91	AVG	8.46	3.70	12.16	24.00	-11.84
	6445	99	AVG	8.14	3.10	11.24	24.00	-12.76
	6485	107	AVG	7.91	3.10	11.01	24.00	-12.99
	6525	115	AVG	7.68	3.50	11.18	24.00	-12.82
	6565	123	AVG	7.69	3.50	11.19	24.00	-12.81
	6725	155	AVG	7.64	3.50	11.14	24.00	-12.86
	6845	179	AVG	7.70	3.50	11.20	24.00	-12.80
	6885	187	AVG	7.74	3.30	11.04	24.00	-12.97
	7005	211	AVG	7.72	3.30	11.02	24.00	-12.98
	7085	227	AVG	7.68	3.30	10.98	24.00	-13.02

Table 7-12. Antenna 5T 40MHz 802.11ax(SU) BW (UNII) Maximum Conducted Output Power – LPI

FCC ID: BCGA2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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6GHz (80MHz Bandwidth)	Frequency [MHz]	Channel	Detector	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5985	7	AVG	10.49	3.70	14.19	24.00	-9.82
	6145	39	AVG	11.13	3.70	14.83	24.00	-9.17
	6385	87	AVG	11.26	3.70	14.96	24.00	-9.04
	6465	103	AVG	11.09	3.10	14.19	24.00	-9.82
	6545	119	AVG	10.86	3.50	14.36	24.00	-9.64
	6705	151	AVG	10.67	3.50	14.17	24.00	-9.83
	6865	183	AVG	10.92	3.50	14.42	24.00	-9.58
	6945	199	AVG	10.79	3.30	14.09	24.00	-9.91
	7025	215	AVG	10.92	3.30	14.22	24.00	-9.78

Table 7-13. Antenna 5T 80MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power – LPI

6GHz (160MHz Bandwidth)	Frequency [MHz]	Channel	Detector	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	6025	15	AVG	13.12	3.70	16.82	24.00	-7.18
	6185	47	AVG	13.40	3.70	17.10	24.00	-6.90
	6345	79	AVG	13.78	3.70	17.48	24.00	-6.52
	6505	111	AVG	13.35	3.10	16.45	24.00	-7.55
	6665	143	AVG	13.28	3.50	16.78	24.00	-7.22
	6825	175	AVG	13.25	3.50	16.75	24.00	-7.25
	6985	207	AVG	13.28	3.30	16.58	24.00	-7.42

Table 7-14. Antenna 5T 160MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power – LPI

FCC ID: BCGA2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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6GHz (20MHz Bandwidth)	Frequency [MHz]	Channel	Detector	Conducted Power [dBm]		Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
				802.11a	802.11ax				
	5955	1	AVG	17.86	17.77	3.70	21.56	30.00	-8.44
	6175	45	AVG	17.65	17.66	3.70	21.36	30.00	-8.64
	6415	93	AVG	17.77	17.82	3.70	21.52	30.00	-8.48
	6535	117	AVG	17.68	17.72	3.50	21.22	30.00	-8.79
	6695	149	AVG	17.79	17.62	3.50	21.29	30.00	-8.71
	6855	181	AVG	17.90	17.68	3.50	21.40	30.00	-8.60

Table 7-15. Antenna 5T 20MHz BW 802.11a/ax(SU) (UNII) Maximum Conducted Output Power – SP

6GHz (40MHz Bandwidth)	Frequency [MHz]	Channel	Detector	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5965	3	AVG	17.65	3.70	21.35	30.00	-8.65
	6165	43	AVG	17.66	3.70	21.36	30.00	-8.64
	6405	91	AVG	17.85	3.70	21.55	30.00	-8.45
	6565	123	AVG	17.77	3.50	21.27	30.00	-8.74
	6725	155	AVG	17.76	3.50	21.26	30.00	-8.74
	6845	179	AVG	17.61	3.50	21.11	30.00	-8.89

Table 7-16. Antenna 5T 40MHz 802.11ax(SU) BW (UNII) Maximum Conducted Output Power – SP

6GHz (80MHz Bandwidth)	Frequency [MHz]	Channel	Detector	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5985	7	AVG	17.71	3.70	21.41	30.00	-8.59
	6145	39	AVG	17.67	3.70	21.37	30.00	-8.63
	6385	87	AVG	17.91	3.70	21.61	30.00	-8.39
	6625	135	AVG	17.63	3.50	21.13	30.00	-8.87
	6705	151	AVG	17.65	3.50	21.15	30.00	-8.85
	6785	167	AVG	17.49	3.50	20.99	30.00	-9.01

Table 7-17. Antenna 5T 80MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power – SP

6GHz (160MHz Bandwidth)	Frequency [MHz]	Channel	Detector	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	6025	15	AVG	17.98	3.70	21.68	30.00	-8.32
	6185	47	AVG	17.83	3.70	21.53	30.00	-8.47
	6345	79	AVG	17.87	3.70	21.57	30.00	-8.44
	6665	143	AVG	17.94	3.50	21.44	30.00	-8.57

Table 7-18. Antenna 5T 160MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power – SP

FCC ID: BCGA2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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6GHz (20MHz Bandwidth)	Frequency [MHz]	Channel	Detector	Conducted Power [dBm]		Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
				802.11a	802.11ax				
	6115	33	AVG	1.18	1.01	3.70	4.88	14.00	-9.12
	6255	61	AVG	1.14	1.21	3.70	4.91	14.00	-9.09
	6415	93	AVG	1.32	1.36	3.70	5.06	14.00	-8.94
	6535	117	AVG	0.64	0.65	3.50	4.15	14.00	-9.85
	6695	149	AVG	0.96	0.81	3.50	4.46	14.00	-9.55
	6855	181	AVG	0.76	0.67	3.50	4.26	14.00	-9.74

Table 7-19. Antenna 5T 20MHz BW 802.11a/ax(SU) (UNII) Maximum Conducted Output Power – VLP

6GHz (40MHz Bandwidth)	Frequency [MHz]	Channel	Detector	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	6125	35	AVG	4.08	3.70	7.78	14.00	-6.22
	6245	59	AVG	4.08	3.70	7.78	14.00	-6.22
	6405	91	AVG	4.17	3.70	7.87	14.00	-6.13
	6565	123	AVG	3.77	3.50	7.27	14.00	-6.73
	6725	155	AVG	3.94	3.50	7.44	14.00	-6.56
	6845	179	AVG	3.95	3.50	7.45	14.00	-6.55

Table 7-20. Antenna 5T 40MHz 802.11ax(SU) BW (UNII) Maximum Conducted Output Power – VLP

6GHz (80MHz Bandwidth)	Frequency [MHz]	Channel	Detector	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	6145	39	AVG	6.97	3.70	10.67	14.00	-3.33
	6225	55	AVG	6.96	3.70	10.66	14.00	-3.34
	6385	87	AVG	7.26	3.70	10.96	14.00	-3.04
	6625	135	AVG	6.91	3.50	10.41	14.00	-3.59
	6705	151	AVG	6.85	3.50	10.35	14.00	-3.65
	6785	167	AVG	6.96	3.50	10.46	14.00	-3.54

Table 7-21. Antenna 5T 80MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power – VLP

6GHz (160MHz Bandwidth)	Frequency [MHz]	Channel	Detector	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	6185	47	AVG	9.72	3.70	13.42	14.00	-0.58
	6345	79	AVG	9.98	3.70	13.68	14.00	-0.32
	6665	143	AVG	9.12	3.50	12.62	14.00	-1.38

Table 7-22. Antenna 5T 160MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power – VLP

FCC ID: BCGA2995			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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7.3.2 Antenna 3b Conducted Output Power Measurements

6GHz (20MHz Bandwidth)	Frequency [MHz]	Channel	Detector	Conducted Power [dBm]		Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
				802.11a	802.11ax				
	5955	1	AVG	4.47	4.45	0.60	5.07	24.00	-18.93
	6175	45	AVG	5.10	5.20	0.60	5.80	24.00	-18.20
	6415	93	AVG	5.19	5.32	0.60	5.92	24.00	-18.08
	6435	97	AVG	4.94	5.25	-0.20	5.05	24.00	-18.95
	6475	105	AVG	4.86	4.97	-0.20	4.77	24.00	-19.24
	6515	113	AVG	5.23	5.09	-0.20	5.03	24.00	-18.97
	6535	117	AVG	4.93	4.95	0.60	5.55	24.00	-18.46
	6695	149	AVG	4.76	4.91	0.60	5.51	24.00	-18.49
	6875	185	AVG	4.74	4.87	0.60	5.47	24.00	-18.53
	6895	189	AVG	4.88	4.60	0.90	5.78	24.00	-18.22
	6995	209	AVG	4.60	4.66	0.90	5.56	24.00	-18.44
	7115	233	AVG	4.72	4.56	0.90	5.62	24.00	-18.38

Table 7-23. Antenna 3b 20MHz BW 802.11a/ax(SU) (UNII) Maximum Conducted Output Power – LPI

6GHz (40MHz Bandwidth)	Frequency [MHz]	Channel	Detector	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5965	3	AVG	7.60	0.60	8.20	24.00	-15.80
	6165	43	AVG	8.11	0.60	8.71	24.00	-15.29
	6405	91	AVG	8.30	0.60	8.90	24.00	-15.10
	6445	99	AVG	8.00	-0.20	7.80	24.00	-16.20
	6485	107	AVG	8.14	-0.20	7.94	24.00	-16.06
	6525	115	AVG	7.70	0.60	8.30	24.00	-15.70
	6565	123	AVG	7.99	0.60	8.59	24.00	-15.41
	6725	155	AVG	7.77	0.60	8.37	24.00	-15.63
	6845	179	AVG	7.92	0.60	8.52	24.00	-15.48
	6885	187	AVG	7.70	0.90	8.60	24.00	-15.40
	7005	211	AVG	7.70	0.90	8.60	24.00	-15.40
	7085	227	AVG	7.65	0.90	8.55	24.00	-15.45

Table 7-24. Antenna 3b 40MHz 802.11ax(SU) BW (UNII) Maximum Conducted Output Power – LPI

FCC ID: BCGA2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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6GHz (80MHz Bandwidth)	Frequency [MHz]	Channel	Detector	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5985	7	AVG	10.47	0.60	11.07	24.00	-12.93
	6145	39	AVG	11.04	0.60	11.64	24.00	-12.36
	6385	87	AVG	11.35	0.60	11.95	24.00	-12.05
	6465	103	AVG	11.00	-0.20	10.80	24.00	-13.20
	6545	119	AVG	10.80	0.60	11.40	24.00	-12.60
	6705	151	AVG	10.60	0.60	11.20	24.00	-12.80
	6865	183	AVG	10.70	0.60	11.30	24.00	-12.70
	6945	199	AVG	10.96	0.90	11.86	24.00	-12.14
	7025	215	AVG	10.74	0.90	11.64	24.00	-12.36

Table 7-25. Antenna 3b 80MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power – LPI

6GHz (160MHz Bandwidth)	Frequency [MHz]	Channel	Detector	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	6025	15	AVG	13.08	0.60	13.68	24.00	-10.33
	6185	47	AVG	13.74	0.60	14.34	24.00	-9.67
	6345	79	AVG	13.90	0.60	14.50	24.00	-9.50
	6505	111	AVG	13.40	-0.20	13.20	24.00	-10.80
	6665	143	AVG	13.41	0.60	14.01	24.00	-9.99
	6825	175	AVG	13.39	0.60	13.99	24.00	-10.01
	6985	207	AVG	13.20	0.90	14.10	24.00	-9.90

Table 7-26. Antenna 3b 160MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power – LPI

FCC ID: BCGA2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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6GHz (20MHz Bandwidth)	Frequency [MHz]	Channel	Detector	Conducted Power [dBm]		Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
				802.11a	802.11ax				
	5955	1	AVG	17.83	17.64	0.60	18.43	30.00	-11.57
	6175	45	AVG	17.72	17.65	0.60	18.32	30.00	-11.68
	6415	93	AVG	17.86	17.79	0.60	18.46	30.00	-11.54
	6535	117	AVG	17.81	17.78	0.60	18.41	30.00	-11.59
	6695	149	AVG	17.68	17.97	0.60	18.57	30.00	-11.43
	6855	181	AVG	17.72	17.93	0.60	18.53	30.00	-11.47

Table 7-27. Antenna 3b 20MHz BW 802.11a/ax(SU) (UNII) Maximum Conducted Output Power – SP

6GHz (40MHz Bandwidth)	Frequency [MHz]	Channel	Detector	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5965	3	AVG	17.96	0.60	18.56	30.00	-11.45
	6165	43	AVG	17.59	0.60	18.19	30.00	-11.81
	6405	91	AVG	17.81	0.60	18.41	30.00	-11.59
	6565	123	AVG	17.82	0.60	18.42	30.00	-11.58
	6725	155	AVG	17.72	0.60	18.32	30.00	-11.69
	6845	179	AVG	17.75	0.60	18.35	30.00	-11.65

Table 7-28. Antenna 3b 40MHz 802.11ax(SU) BW (UNII) Maximum Conducted Output Power – SP

6GHz (80MHz Bandwidth)	Frequency [MHz]	Channel	Detector	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5985	7	AVG	17.83	0.60	18.43	30.00	-11.57
	6145	39	AVG	17.77	0.60	18.37	30.00	-11.63
	6385	87	AVG	17.82	0.60	18.42	30.00	-11.58
	6625	135	AVG	17.96	0.60	18.56	30.00	-11.44
	6705	151	AVG	17.94	0.60	18.54	30.00	-11.46
	6785	167	AVG	17.87	0.60	18.47	30.00	-11.53

Table 7-29. Antenna 3b 80MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power – SP

6GHz (160MHz Bandwidth)	Frequency [MHz]	Channel	Detector	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	6025	15	AVG	17.71	0.60	18.31	30.00	-11.69
	6185	47	AVG	17.68	0.60	18.28	30.00	-11.72
	6345	79	AVG	17.85	0.60	18.45	30.00	-11.55
	6665	143	AVG	17.87	0.60	18.47	30.00	-11.53

Table 7-30. Antenna 3b 160MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power – SP

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6GHz (20MHz Bandwidth)	Frequency [MHz]	Channel	Detector	Conducted Power [dBm]		Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
				802.11a	802.11ax				
	6115	33	AVG	1.04	0.60	0.60	1.64	14.00	-12.36
	6255	61	AVG	1.22	0.82	0.60	1.82	14.00	-12.18
	6415	93	AVG	1.00	1.48	0.60	2.08	14.00	-11.93
	6535	117	AVG	0.92	0.65	0.60	1.52	14.00	-12.48
	6695	149	AVG	0.50	0.69	0.60	1.29	14.00	-12.71
	6855	181	AVG	0.42	0.83	0.60	1.43	14.00	-12.57

Table 7-31. Antenna 3b 20MHz BW 802.11a/ax(SU) (UNII) Maximum Conducted Output Power – VLP

6GHz (40MHz Bandwidth)	Frequency [MHz]	Channel	Detector	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	6125	35	AVG	4.05	0.60	4.65	14.00	-9.36
	6245	59	AVG	3.87	0.60	4.47	14.00	-9.53
	6405	91	AVG	4.45	0.60	5.05	14.00	-8.95
	6565	123	AVG	3.96	0.60	4.56	14.00	-9.45
	6725	155	AVG	3.72	0.60	4.32	14.00	-9.68
	6845	179	AVG	3.75	0.60	4.35	14.00	-9.65

Table 7-32. Antenna 3b 40MHz 802.11ax(SU) BW (UNII) Maximum Conducted Output Power – VLP

6GHz (80MHz Bandwidth)	Frequency [MHz]	Channel	Detector	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	6145	39	AVG	6.92	0.60	7.52	14.00	-6.48
	6225	55	AVG	7.15	0.60	7.75	14.00	-6.25
	6385	87	AVG	7.36	0.60	7.96	14.00	-6.05
	6625	135	AVG	6.92	0.60	7.52	14.00	-6.48
	6705	151	AVG	6.70	0.60	7.30	14.00	-6.70
	6785	167	AVG	6.93	0.60	7.53	14.00	-6.47

Table 7-33. Antenna 3b 80MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power – VLP

6GHz (160MHz Bandwidth)	Frequency [MHz]	Channel	Detector	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	6185	47	AVG	9.72	0.60	10.32	14.00	-3.68
	6345	79	AVG	9.80	0.60	10.40	14.00	-3.60
	6665	143	AVG	9.42	0.60	10.02	14.00	-3.98

Table 7-34. Antenna 3b 160MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power – VLP

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7.3.3 Antenna 1b Conducted Output Power Measurements

6GHz (20MHz Bandwidth)	Frequency [MHz]	Channel	Detector	Conducted Power [dBm]		Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
				802.11a	802.11ax				
	5955	1	AVG	4.52	4.70	0.80	5.50	24.00	-18.51
	6175	45	AVG	5.01	5.17	0.80	5.97	24.00	-18.03
	6415	93	AVG	5.45	5.40	0.80	6.25	24.00	-17.75
	6435	97	AVG	5.18	5.24	1.50	6.74	24.00	-17.26
	6475	105	AVG	5.02	5.03	1.50	6.53	24.00	-17.47
	6515	113	AVG	5.06	5.13	1.50	6.63	24.00	-17.37
	6535	117	AVG	4.62	4.62	0.50	5.12	24.00	-18.88
	6695	149	AVG	4.89	4.79	0.50	5.39	24.00	-18.61
	6875	185	AVG	4.81	4.76	0.50	5.31	24.00	-18.69
	6895	189	AVG	4.60	4.78	-0.40	4.38	24.00	-19.62
	6995	209	AVG	4.82	4.86	-0.40	4.46	24.00	-19.54
	7115	233	AVG	4.84	4.83	-0.40	4.44	24.00	-19.56

Table 7-35. Antenna 1b 20MHz BW 802.11a/ax(SU) (UNII) Maximum Conducted Output Power – LPI

6GHz (40MHz Bandwidth)	Frequency [MHz]	Channel	Detector	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5965	3	AVG	7.49	0.80	8.29	24.00	-15.71
	6165	43	AVG	8.16	0.80	8.96	24.00	-15.05
	6405	91	AVG	8.40	0.80	9.20	24.00	-14.80
	6445	99	AVG	7.89	1.50	9.39	24.00	-14.61
	6485	107	AVG	8.15	1.50	9.65	24.00	-14.35
	6525	115	AVG	7.96	0.50	8.46	24.00	-15.54
	6565	123	AVG	7.81	0.50	8.31	24.00	-15.69
	6725	155	AVG	7.90	0.50	8.40	24.00	-15.60
	6845	179	AVG	7.63	0.50	8.13	24.00	-15.87
	6885	187	AVG	7.61	-0.40	7.21	24.00	-16.79
	7005	211	AVG	7.65	-0.40	7.25	24.00	-16.75
	7085	227	AVG	7.96	-0.40	7.56	24.00	-16.44

Table 7-36. Antenna 1b 40MHz 802.11ax(SU) BW (UNII) Maximum Conducted Output Power – LPI

FCC ID: BCGA2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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6GHz (80MHz Bandwidth)	Frequency [MHz]	Channel	Detector	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5985	7	AVG	10.59	0.80	11.39	24.00	-12.61
	6145	39	AVG	11.22	0.80	12.02	24.00	-11.98
	6385	87	AVG	11.25	0.80	12.05	24.00	-11.95
	6465	103	AVG	10.91	1.50	12.41	24.00	-11.59
	6545	119	AVG	10.94	0.50	11.44	24.00	-12.56
	6705	151	AVG	10.71	0.50	11.21	24.00	-12.79
	6865	183	AVG	10.79	0.50	11.29	24.00	-12.71
	6945	199	AVG	10.74	-0.40	10.34	24.00	-13.66
	7025	215	AVG	10.76	-0.40	10.36	24.00	-13.64

Table 7-37. Antenna 1b 80MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power – LPI

6GHz (160MHz Bandwidth)	Frequency [MHz]	Channel	Detector	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	6025	15	AVG	12.90	0.80	13.70	24.00	-10.30
	6185	47	AVG	13.59	0.80	14.39	24.00	-9.61
	6345	79	AVG	13.74	0.80	14.54	24.00	-9.46
	6505	111	AVG	13.20	1.50	14.70	24.00	-9.30
	6665	143	AVG	13.40	0.50	13.90	24.00	-10.10
	6825	175	AVG	13.27	0.50	13.77	24.00	-10.23
	6985	207	AVG	13.43	-0.40	13.03	24.00	-10.97

Table 7-38. Antenna 1b 160MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power – LPI

FCC ID: BCGA2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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6GHz (20MHz Bandwidth)	Frequency [MHz]	Channel	Detector	Conducted Power [dBm]		Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
				802.11a	802.11ax				
	5955	1	AVG	17.71	17.71	0.80	18.51	30.00	-11.49
	6175	45	AVG	17.63	17.75	0.80	18.55	30.00	-11.45
	6415	93	AVG	17.95	17.82	0.80	18.75	30.00	-11.26
	6535	117	AVG	17.93	17.67	0.50	18.43	30.00	-11.57
	6695	149	AVG	17.98	17.87	0.50	18.48	30.00	-11.52
	6855	181	AVG	17.76	17.92	0.50	18.42	30.00	-11.58

Table 7-39. Antenna 1b 20MHz BW 802.11a/ax(SU) (UNII) Maximum Conducted Output Power – SP

6GHz (40MHz Bandwidth)	Frequency [MHz]	Channel	Detector	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5965	3	AVG	17.70	0.80	18.50	30.00	-11.50
	6165	43	AVG	17.85	0.80	18.65	30.00	-11.35
	6405	91	AVG	17.65	0.80	18.45	30.00	-11.55
	6565	123	AVG	17.72	0.50	18.22	30.00	-11.78
	6725	155	AVG	17.84	0.50	18.34	30.00	-11.66
	6845	179	AVG	17.73	0.50	18.23	30.00	-11.77

Table 7-40. Antenna 1b 40MHz 802.11ax(SU) BW (UNII) Maximum Conducted Output Power – SP

6GHz (80MHz Bandwidth)	Frequency [MHz]	Channel	Detector	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5985	7	AVG	17.71	0.80	18.51	30.00	-11.49
	6145	39	AVG	17.98	0.80	18.78	30.00	-11.22
	6385	87	AVG	17.83	0.80	18.63	30.00	-11.37
	6625	135	AVG	17.67	0.50	18.17	30.00	-11.83
	6705	151	AVG	17.97	0.50	18.47	30.00	-11.53
	6785	167	AVG	17.87	0.50	18.37	30.00	-11.63

Table 7-41. Antenna 1b 80MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power – SP

6GHz (160MHz Bandwidth)	Frequency [MHz]	Channel	Detector	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	6025	15	AVG	17.71	0.80	18.51	30.00	-11.49
	6185	47	AVG	17.78	0.80	18.58	30.00	-11.43
	6345	79	AVG	17.76	0.80	18.56	30.00	-11.44
	6665	143	AVG	17.80	0.50	18.30	30.00	-11.70

Table 7-42. Antenna 1b 160MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power – SP

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6GHz (20MHz Bandwidth)	Frequency [MHz]	Channel	Detector	Conducted Power [dBm]		Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
				802.11a	802.11ax				
	6115	33	AVG	0.82	0.89	0.80	1.69	14.00	-12.31
	6255	61	AVG	0.73	1.23	0.80	2.03	14.00	-11.97
	6415	93	AVG	1.16	1.30	0.80	2.10	14.00	-11.90
	6535	117	AVG	0.77	0.80	0.50	1.30	14.00	-12.70
	6695	149	AVG	0.49	0.43	0.50	0.99	14.00	-13.01
	6855	181	AVG	0.68	0.84	0.50	1.34	14.00	-12.66

Table 7-43. Antenna 1b 20MHz BW 802.11a/ax(SU) (UNII) Maximum Conducted Output Power – VLP

6GHz (40MHz Bandwidth)	Frequency [MHz]	Channel	Detector	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	6125	35	AVG	3.90	0.80	4.70	14.00	-9.30
	6245	59	AVG	3.87	0.80	4.67	14.00	-9.33
	6405	91	AVG	4.26	0.80	5.06	14.00	-8.94
	6565	123	AVG	3.60	0.50	4.10	14.00	-9.90
	6725	155	AVG	3.75	0.50	4.25	14.00	-9.75
	6845	179	AVG	3.69	0.50	4.19	14.00	-9.82

Table 7-44. Antenna 1b 40MHz 802.11ax(SU) BW (UNII) Maximum Conducted Output Power – VLP

6GHz (80MHz Bandwidth)	Frequency [MHz]	Channel	Detector	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	6145	39	AVG	6.91	0.80	7.71	14.00	-6.29
	6225	55	AVG	6.89	0.80	7.69	14.00	-6.31
	6385	87	AVG	7.27	0.80	8.07	14.00	-5.93
	6625	135	AVG	6.74	0.50	7.24	14.00	-6.76
	6705	151	AVG	6.85	0.50	7.35	14.00	-6.65
	6785	167	AVG	6.94	0.50	7.44	14.00	-6.56

Table 7-45. Antenna 1b 80MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power – VLP

6GHz (160MHz Bandwidth)	Frequency [MHz]	Channel	Detector	Conducted Power [dBm]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	6185	47	AVG	9.38	0.80	10.18	14.00	-3.82
	6345	79	AVG	9.95	0.80	10.75	14.00	-3.25
	6665	143	AVG	9.12	0.50	9.62	14.00	-4.38

Table 7-46. Antenna 1b 160MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power – VLP

FCC ID: BCGA2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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7.3.4 SDM/CDD Primary Conducted Output Power Measurements

6GHz (20MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Antenna 5T	Antenna 3b	Summed				
	5955	1	SDM	AVG	2.66	2.96	5.82	2.42	8.24	24.00	-15.76
	6175	45	SDM	AVG	3.11	3.13	6.13	2.42	8.55	24.00	-15.45
	6415	93	SDM	AVG	3.12	2.92	6.03	2.42	8.45	24.00	-15.55
	6435	97	SDM	AVG	2.71	2.69	5.71	1.76	7.47	24.00	-16.53
	6475	105	SDM	AVG	2.64	2.73	5.69	1.76	7.45	24.00	-16.55
	6515	113	SDM	AVG	2.88	2.85	5.88	1.76	7.64	24.00	-16.36
	6535	117	SDM	AVG	2.89	2.84	5.87	2.29	8.16	24.00	-15.84
	6695	149	SDM	AVG	2.90	2.68	5.80	2.29	8.09	24.00	-15.91
	6875	185	SDM	AVG	2.83	2.97	5.91	2.29	8.20	24.00	-15.80
	6895	189	SDM	AVG	2.81	2.88	5.86	2.26	8.12	24.00	-15.88
	6995	209	SDM	AVG	2.87	2.79	5.84	2.26	8.10	24.00	-15.90
	7115	233	SDM	AVG	2.87	2.85	5.87	2.26	8.13	24.00	-15.87

Table 7-47. SDM Primary 20MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power – LPI

6GHz (40MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Antenna 5T	Antenna 3b	Summed				
	5965	3	SDM	AVG	5.69	5.89	8.80	2.42	11.22	24.00	-12.78
	6165	43	SDM	AVG	6.18	6.36	9.28	2.42	11.70	24.00	-12.30
	6405	91	SDM	AVG	5.93	6.10	9.02	2.42	11.44	24.00	-12.56
	6445	99	SDM	AVG	5.76	5.61	8.70	1.76	10.46	24.00	-13.54
	6485	107	SDM	AVG	5.97	5.60	8.80	1.76	10.56	24.00	-13.44
	6525	115	SDM	AVG	5.62	5.78	8.71	2.29	11.00	24.00	-13.00
	6565	123	SDM	AVG	5.68	5.77	8.74	2.29	11.03	24.00	-12.97
	6725	155	SDM	AVG	5.97	5.98	8.98	2.29	11.27	24.00	-12.73
	6845	179	SDM	AVG	5.68	5.82	8.76	2.29	11.05	24.00	-12.95
	6885	187	SDM	AVG	5.72	5.70	8.72	2.26	10.98	24.00	-13.02
	7005	211	SDM	AVG	5.97	5.85	8.92	2.26	11.18	24.00	-12.82
	7085	227	SDM	AVG	5.78	5.79	8.79	2.26	11.05	24.00	-12.95

Table 7-48. SDM Primary 40MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power – LPI

FCC ID: BCGA2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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6GHz (80MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Antenna 5T	Antenna 3b	Summed				
	5985	7	SDM	AVG	8.79	8.75	11.78	2.42	14.20	24.00	-9.80
	6145	39	SDM	AVG	9.45	9.11	12.29	2.42	14.71	24.00	-9.29
	6385	87	SDM	AVG	8.89	9.17	12.04	2.42	14.46	24.00	-9.54
	6465	103	SDM	AVG	9.00	8.66	11.84	1.76	13.60	24.00	-10.40
	6545	119	SDM	AVG	8.66	8.77	11.72	2.29	14.01	24.00	-9.99
	6705	151	SDM	AVG	8.87	8.86	11.88	2.29	14.17	24.00	-9.83
	6865	183	SDM	AVG	8.89	8.98	11.95	2.29	14.24	24.00	-9.76
	6945	199	SDM	AVG	8.84	8.78	11.82	2.26	14.08	24.00	-9.92
	7025	215	SDM	AVG	8.64	8.87	11.77	2.26	14.03	24.00	-9.97

Table 7-49. SDM Primary 80MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power – LPI

6GHz (160MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Antenna 5T	Antenna 3b	Summed				
	6025	15	SDM	AVG	11.27	11.45	14.37	2.42	16.79	24.00	-7.21
	6185	47	SDM	AVG	11.85	11.66	14.77	2.42	17.19	24.00	-6.81
	6345	79	SDM	AVG	11.39	11.65	14.53	2.42	16.95	24.00	-7.05
	6505	111	SDM	AVG	11.48	11.13	14.32	1.76	16.08	24.00	-7.92
	6665	143	SDM	AVG	11.21	11.37	14.30	2.29	16.59	24.00	-7.41
	6825	175	SDM	AVG	11.47	11.09	14.30	2.29	16.59	24.00	-7.41
	6985	207	SDM	AVG	11.17	11.39	14.29	2.26	16.55	24.00	-7.45

Table 7-50. SDM Primary 160MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power – LPI

FCC ID: BCGA2995	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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6GHz (20MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Antenna 5T	Antenna 3b	Summed				
	5955	1	CDD	AVG	17.73	17.63	20.69	3.70	24.39	30.00	-5.61
	6175	45	CDD	AVG	17.72	17.85	20.80	3.70	24.50	30.00	-5.50
	6415	93	CDD	AVG	17.66	17.61	20.64	3.70	24.34	30.00	-5.66
	6535	117	CDD	AVG	17.71	17.95	20.84	3.50	24.34	30.00	-5.66
	6695	149	CDD	AVG	17.79	17.71	20.76	3.50	24.26	30.00	-5.74
	6855	181	CDD	AVG	17.67	17.86	20.78	3.50	24.28	30.00	-5.72

Table 7-51. CDD Primary 20MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power – SP

6GHz (40MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Antenna 5T	Antenna 3b	Summed				
	5965	3	CDD	AVG	18.00	17.60	20.81	3.70	24.51	30.00	-5.49
	6165	43	CDD	AVG	17.88	17.74	20.82	3.70	24.52	30.00	-5.48
	6405	91	CDD	AVG	17.82	17.93	20.89	3.70	24.59	30.00	-5.41
	6565	123	CDD	AVG	17.77	17.76	20.78	3.50	24.28	30.00	-5.72
	6725	155	CDD	AVG	17.93	17.85	20.90	3.50	24.40	30.00	-5.60
	6845	179	CDD	AVG	17.65	17.70	20.69	3.50	24.19	30.00	-5.81

Table 7-52. CDD Primary 40MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power – SP

6GHz (80MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Antenna 5T	Antenna 3b	Summed				
	5985	7	CDD	AVG	17.83	17.99	20.92	3.70	24.62	30.00	-5.38
	6145	39	CDD	AVG	17.79	17.87	20.84	3.70	24.54	30.00	-5.46
	6385	87	CDD	AVG	17.92	17.88	20.91	3.70	24.61	30.00	-5.39
	6625	135	CDD	AVG	17.75	17.72	20.74	3.50	24.24	30.00	-5.76
	6705	151	CDD	AVG	17.77	17.92	20.85	3.50	24.35	30.00	-5.65
	6785	167	CDD	AVG	17.92	17.82	20.88	3.50	24.38	30.00	-5.62

Table 7-53. CDD Primary 80MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power – SP

6GHz (160MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Antenna 5T	Antenna 3b	Summed				
	6025	15	CDD	AVG	17.94	17.89	20.92	3.70	24.62	30.00	-5.38
	6185	47	CDD	AVG	17.77	17.69	20.74	3.70	24.44	30.00	-5.56
	6345	79	CDD	AVG	17.70	17.63	20.68	3.70	24.38	30.00	-5.62
	6665	143	CDD	AVG	17.98	17.87	20.94	3.50	24.44	30.00	-5.56

Table 7-54. CDD Primary 160MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power – SP

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6GHz (20MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Antenna 5T	Antenna 3b	Summed				
	6115	33	SDM	AVG	-0.71	-0.87	2.22	2.42	4.64	14.00	-9.36
	6255	61	SDM	AVG	-0.75	-0.86	2.21	2.42	4.63	14.00	-9.37
	6415	93	SDM	AVG	-1.00	-1.51	1.76	2.42	4.18	14.00	-9.82
	6535	117	SDM	AVG	-1.26	-1.12	1.82	2.29	4.11	14.00	-9.89
	6695	149	SDM	AVG	-1.02	-1.25	1.88	2.29	4.17	14.00	-9.83
	6855	181	SDM	AVG	-1.25	-1.40	1.69	2.29	3.98	14.00	-10.02

Table 7-55. SDM Primary 20MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power – VLP

6GHz (40MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Antenna 5T	Antenna 3b	Summed				
	6125	35	SDM	AVG	2.15	2.09	5.13	2.42	7.55	14.00	-6.45
	6245	59	SDM	AVG	2.40	2.39	5.40	2.42	7.82	14.00	-6.18
	6405	91	SDM	AVG	2.20	1.73	4.98	2.42	7.40	14.00	-6.60
	6565	123	SDM	AVG	1.76	1.94	4.86	2.29	7.15	14.00	-6.85
	6725	155	SDM	AVG	1.53	1.66	4.60	2.29	6.89	14.00	-7.11
	6845	179	SDM	AVG	1.89	1.62	4.77	2.29	7.06	14.00	-6.94

Table 7-56. SDM Primary 40MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power – VLP

6GHz (80MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Antenna 5T	Antenna 3b	Summed				
	6145	39	SDM	AVG	5.14	5.27	8.21	2.42	10.63	14.00	-3.37
	6225	55	SDM	AVG	5.26	5.10	8.19	2.42	10.61	14.00	-3.39
	6385	87	SDM	AVG	5.04	5.20	8.13	2.42	10.55	14.00	-3.45
	6625	135	SDM	AVG	4.67	4.85	7.77	2.29	10.06	14.00	-3.94
	6705	151	SDM	AVG	4.70	4.91	7.81	2.29	10.10	14.00	-3.90
	6785	167	SDM	AVG	4.80	4.69	7.76	2.29	10.05	14.00	-3.95

Table 7-57. SDM Primary 80MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power – VLP

6GHz (160MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Antenna 5T	Antenna 3b	Summed				
	6185	47	SDM	AVG	7.76	7.74	10.76	2.42	13.18	14.00	-0.82
	6345	79	SDM	AVG	7.46	7.69	10.59	2.42	13.01	14.00	-0.99
	6665	143	SDM	AVG	7.17	7.28	10.23	2.29	12.52	14.00	-1.48

Table 7-58. SDM Primary 160MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power – VLP

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7.3.5 SDM/CDD Diversity Conducted Output Power Measurements

6GHz (20MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Antenna 5T	Antenna 1b	Summed				
	5955	1	SDM	AVG	2.66	2.86	5.77	2.49	8.26	24.00	-15.74
	6175	45	SDM	AVG	3.11	3.49	6.31	2.49	8.80	24.00	-15.20
	6415	93	SDM	AVG	3.12	2.87	6.01	2.49	8.50	24.00	-15.50
	6435	97	SDM	AVG	2.71	2.72	5.72	2.37	8.09	24.00	-15.91
	6475	105	SDM	AVG	2.64	2.76	5.71	2.37	8.08	24.00	-15.92
	6515	113	SDM	AVG	2.88	2.93	5.91	2.37	8.28	24.00	-15.72
	6535	117	SDM	AVG	2.89	2.62	5.77	2.25	8.02	24.00	-15.98
	6695	149	SDM	AVG	2.90	2.98	5.95	2.25	8.20	24.00	-15.80
	6875	185	SDM	AVG	2.83	2.89	5.87	2.25	8.12	24.00	-15.88
	6895	189	SDM	AVG	2.81	2.66	5.75	1.83	7.58	24.00	-16.42
	6995	209	SDM	AVG	2.87	2.82	5.86	1.83	7.69	24.00	-16.31
	7115	233	SDM	AVG	2.87	2.71	5.80	1.83	7.63	24.00	-16.37

Table 7-59. SDM Diversity 20MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power – LPI

6GHz (40MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Antenna 5T	Antenna 1b	Summed				
	5965	3	SDM	AVG	5.69	5.82	8.77	2.49	11.26	24.00	-12.74
	6165	43	SDM	AVG	6.18	6.23	9.22	2.49	11.71	24.00	-12.29
	6405	91	SDM	AVG	5.93	6.10	9.03	2.49	11.52	24.00	-12.48
	6445	99	SDM	AVG	5.76	5.87	8.83	2.37	11.20	24.00	-12.80
	6485	107	SDM	AVG	5.97	5.65	8.83	2.37	11.20	24.00	-12.80
	6525	115	SDM	AVG	5.62	5.85	8.75	2.25	11.00	24.00	-13.00
	6565	123	SDM	AVG	5.68	6.00	8.85	2.25	11.10	24.00	-12.90
	6725	155	SDM	AVG	5.97	5.89	8.94	2.25	11.19	24.00	-12.81
	6845	179	SDM	AVG	5.68	5.87	8.79	2.25	11.04	24.00	-12.96
	6885	187	SDM	AVG	5.72	5.95	8.85	1.83	10.68	24.00	-13.32
	7005	211	SDM	AVG	5.97	5.97	8.98	1.83	10.81	24.00	-13.19
	7085	227	SDM	AVG	5.78	5.70	8.75	1.83	10.58	24.00	-13.42

Table 7-60. SDM Diversity 40MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power – LPI

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6GHz (80MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Antenna 5T	Antenna 1b	Summed				
	5985	7	SDM	AVG	8.79	8.63	11.72	2.49	14.21	24.00	-9.79
	6145	39	SDM	AVG	9.45	9.14	12.31	2.49	14.80	24.00	-9.20
	6385	87	SDM	AVG	8.89	8.90	11.90	2.49	14.39	24.00	-9.61
	6465	103	SDM	AVG	9.00	8.65	11.84	2.37	14.21	24.00	-9.79
	6545	119	SDM	AVG	8.66	8.94	11.81	2.25	14.06	24.00	-9.94
	6705	151	SDM	AVG	8.87	8.92	11.91	2.25	14.16	24.00	-9.84
	6865	183	SDM	AVG	8.89	8.76	11.84	2.25	14.09	24.00	-9.91
	6945	199	SDM	AVG	8.84	8.92	11.89	1.83	13.72	24.00	-10.28
	7025	215	SDM	AVG	8.64	8.72	11.69	1.83	13.52	24.00	-10.48

Table 7-61. SDM Diversity 80MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power – LPI

6GHz (160MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Antenna 5T	Antenna 1b	Summed				
	6025	15	SDM	AVG	11.27	11.16	14.23	2.49	16.72	24.00	-7.28
	6185	47	SDM	AVG	11.85	11.61	14.74	2.49	17.23	24.00	-6.77
	6345	79	SDM	AVG	11.39	11.59	14.50	2.49	16.99	24.00	-7.01
	6505	111	SDM	AVG	11.48	11.14	14.32	2.37	16.69	24.00	-7.31
	6665	143	SDM	AVG	11.21	11.21	14.22	2.25	16.47	24.00	-7.53
	6825	175	SDM	AVG	11.47	11.12	14.31	2.25	16.56	24.00	-7.44
	6985	207	SDM	AVG	11.17	11.26	14.22	1.83	16.05	24.00	-7.95

Table 7-62. SDM Diversity 160MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power – LPI

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6GHz (20MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Antenna 5T	Antenna 1b	Summed				
	5955	1	CDD	AVG	17.73	17.99	20.87	3.70	24.57	30.00	-5.43
	6175	45	CDD	AVG	17.72	17.77	20.76	3.70	24.46	30.00	-5.54
	6415	93	CDD	AVG	17.66	17.88	20.78	3.70	24.48	30.00	-5.52
	6535	117	CDD	AVG	17.71	17.83	20.78	3.50	24.28	30.00	-5.72
	6695	149	CDD	AVG	17.79	17.77	20.79	3.50	24.29	30.00	-5.71
	6855	181	CDD	AVG	17.67	17.72	20.70	3.50	24.20	30.00	-5.80

Table 7-63. CDD Diversity 20MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power – SP

6GHz (40MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Antenna 5T	Antenna 1b	Summed				
	5965	3	CDD	AVG	18.00	17.83	20.93	3.70	24.63	30.00	-5.37
	6165	43	CDD	AVG	17.88	17.74	20.82	3.70	24.52	30.00	-5.48
	6405	91	CDD	AVG	17.82	17.62	20.73	3.70	24.43	30.00	-5.57
	6565	123	CDD	AVG	17.77	17.97	20.88	3.50	24.38	30.00	-5.62
	6725	155	CDD	AVG	17.93	17.71	20.83	3.50	24.33	30.00	-5.67
	6845	179	CDD	AVG	17.65	17.72	20.70	3.50	24.20	30.00	-5.80

Table 7-64. CDD Diversity 40MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power – SP

6GHz (80MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Antenna 5T	Antenna 1b	Summed				
	5985	7	CDD	AVG	17.83	17.72	20.78	3.70	24.48	30.00	-5.52
	6145	39	CDD	AVG	17.79	17.91	20.86	3.70	24.56	30.00	-5.44
	6385	87	CDD	AVG	17.92	17.79	20.87	3.70	24.57	30.00	-5.43
	6625	135	CDD	AVG	17.75	17.99	20.88	3.50	24.38	30.00	-5.62
	6705	151	CDD	AVG	17.77	17.77	20.78	3.50	24.28	30.00	-5.72
	6785	167	CDD	AVG	17.92	17.80	20.87	3.50	24.37	30.00	-5.63

Table 7-65. CDD Diversity 80MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power – SP

6GHz (160MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Antenna 5T	Antenna 1b	Summed				
	6025	15	CDD	AVG	17.94	17.87	20.91	3.70	24.61	30.00	-5.39
	6185	47	CDD	AVG	17.77	17.98	20.89	3.70	24.59	30.00	-5.41
	6345	79	CDD	AVG	17.70	17.96	20.84	3.70	24.54	30.00	-5.46
	6665	143	CDD	AVG	17.98	17.92	20.96	3.50	24.46	30.00	-5.54

Table 7-66. CDD Diversity 160MHz BW 802.11ax(SU) (UNII) Maximum Conducted Output Power – SP

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