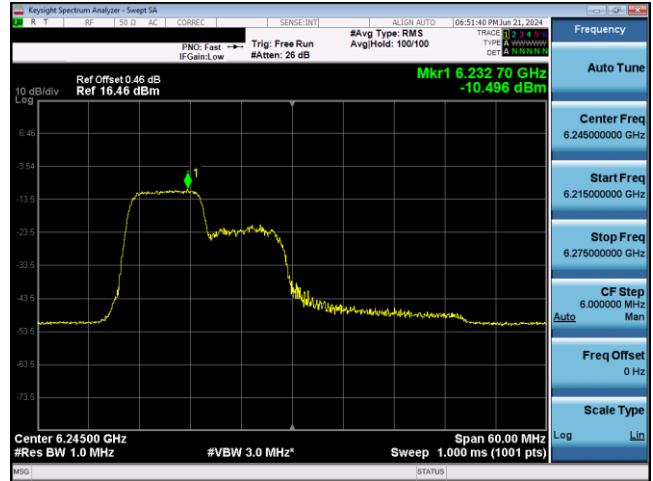
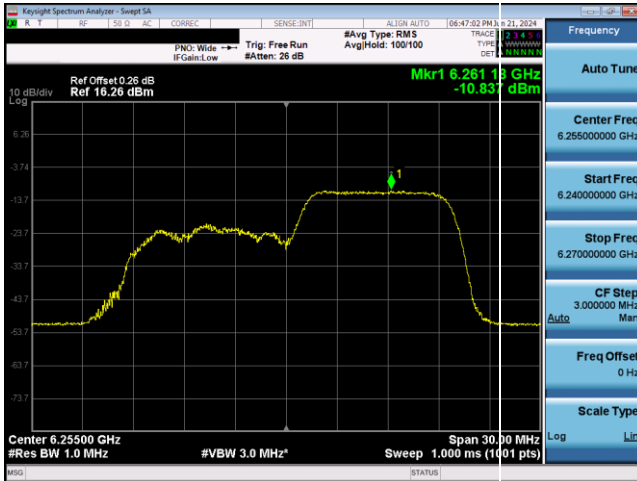


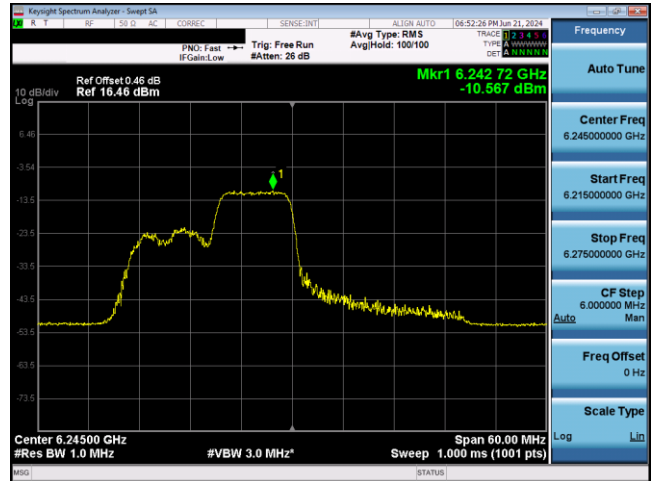
Plot 7-637. VLP Power Spectral Density Plot Antenna WF5T (20MHz) 802.11ax RU106 (UNII Band 5) – Ch. 61



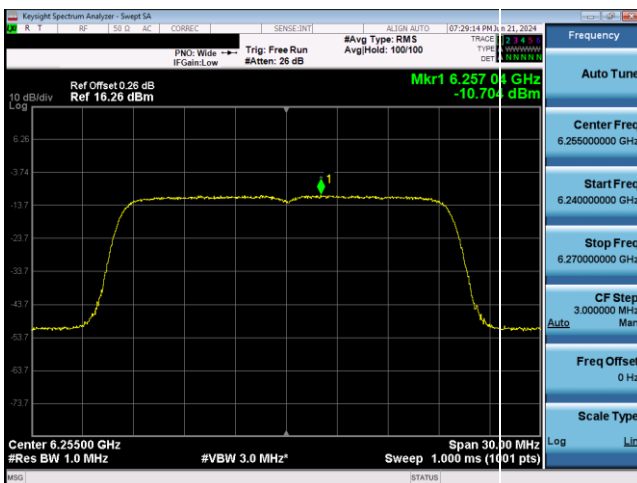
Plot 7-640. VLP Power Spectral Density Plot Antenna WF5T (40MHz) 802.11ax RU106 (UNII Band 5) – Ch. 59



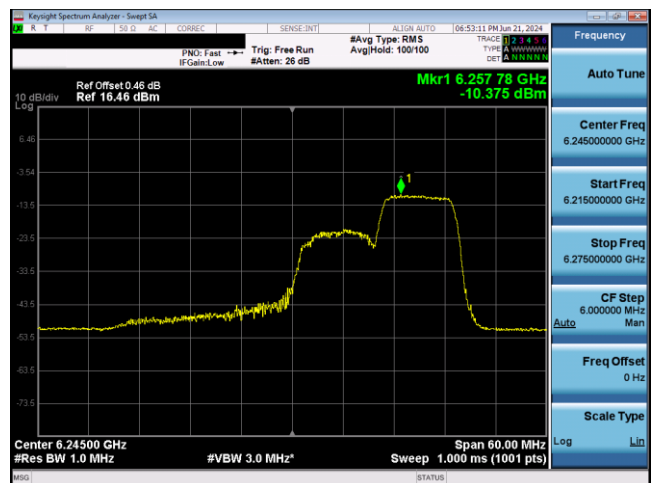
Plot 7-638. VLP Power Spectral Density Plot Antenna WF5T (20MHz) 802.11ax RU106 (UNII Band 5) – Ch. 61



Plot 7-641. VLP Power Spectral Density Plot Antenna WF5T (40MHz) 802.11ax RU106 (UNII Band 5) – Ch. 59

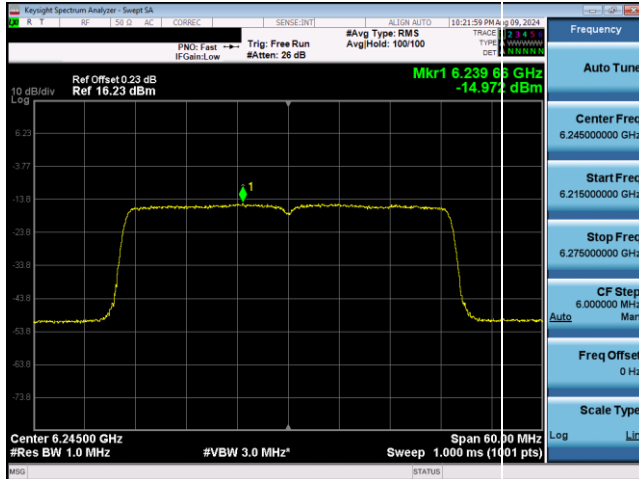


Plot 7-639. VLP Power Spectral Density Plot Antenna WF5T (20MHz) 802.11ax RU242 (UNII Band 5) – Ch. 61

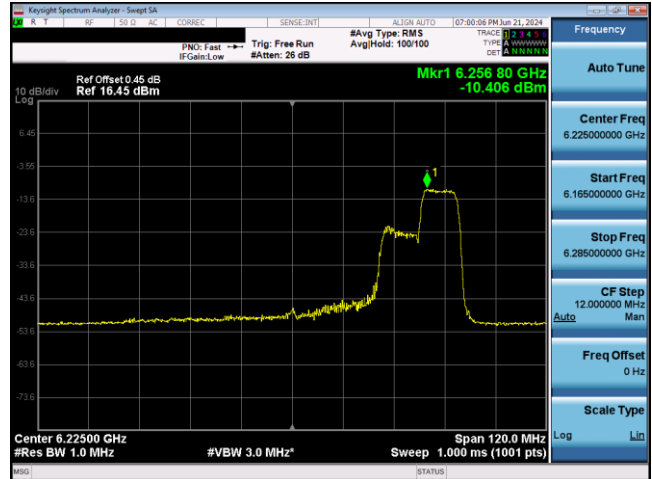


Plot 7-642. VLP Power Spectral Density Plot Antenna WF5T (40MHz) 802.11ax RU106 (UNII Band 5) – Ch. 59

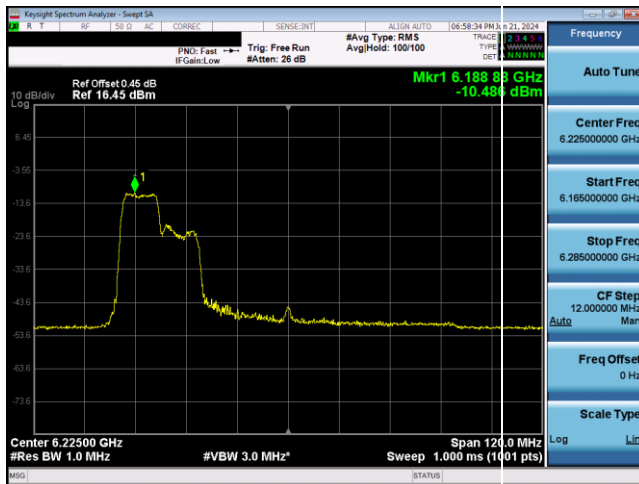
FCC ID: BCGA2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-14-R3.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device	Page 203 of 464



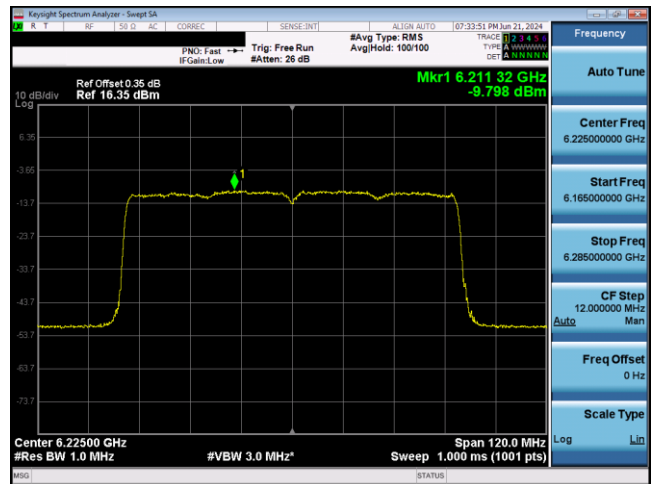
Plot 7-643. VLP Power Spectral Density Plot Antenna WF5T (40MHz) 802.11ax RU484 (UNII Band 5) – Ch. 59



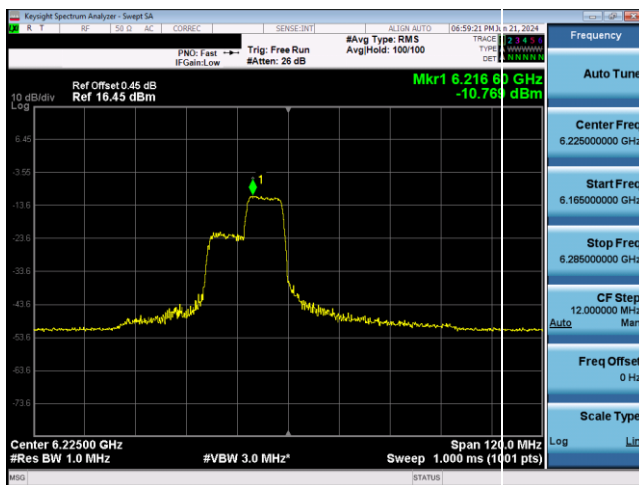
Plot 7-646. VLP Power Spectral Density Plot Antenna WF5T (80MHz) 802.11ax RU106 (UNII Band 5) – Ch. 55



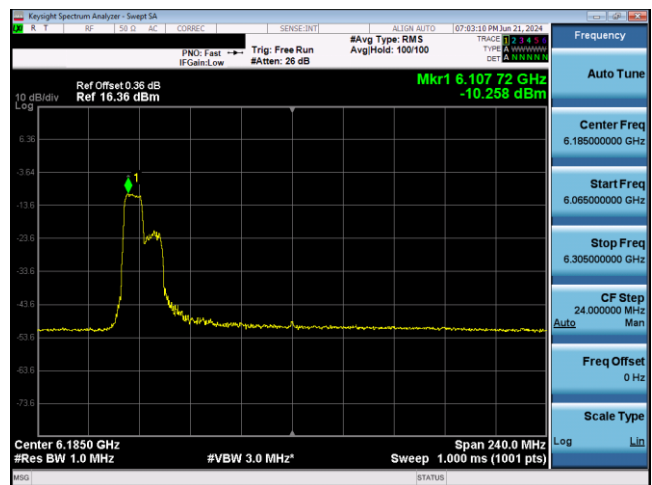
Plot 7-644. VLP Power Spectral Density Plot Antenna WF5T (80MHz) 802.11ax RU106 (UNII Band 5) – Ch. 55



Plot 7-647. VLP Power Spectral Density Plot Antenna WF5T (80MHz) 802.11ax RU996 (UNII Band 5) – Ch. 55

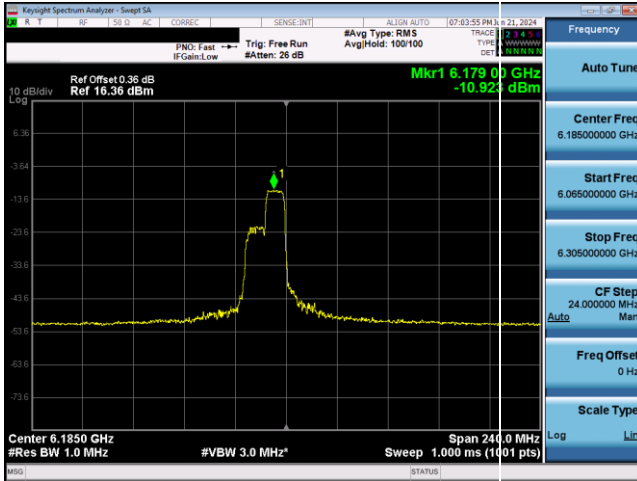


Plot 7-645. VLP Power Spectral Density Plot Antenna WF5T (80MHz) 802.11ax RU106 (UNII Band 5) – Ch. 55

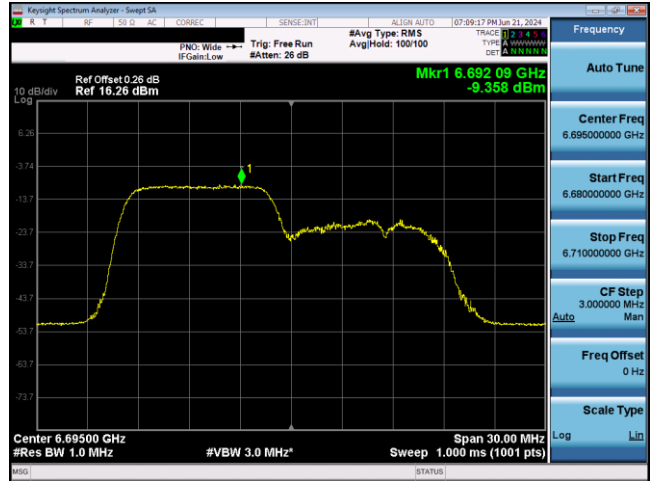


Plot 7-648. VLP Power Spectral Density Plot Antenna WF5T (160MHz) 802.11ax RU106 (UNII Band 5) – Ch. 47

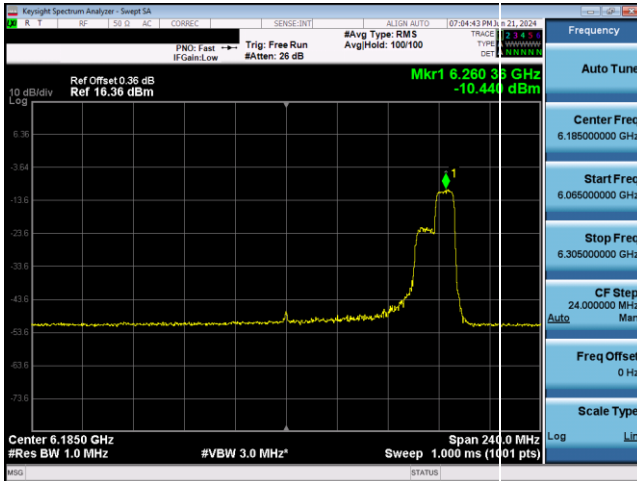
FCC ID: BCGA2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-14-R3.BCG			EUT Type: Tablet Device



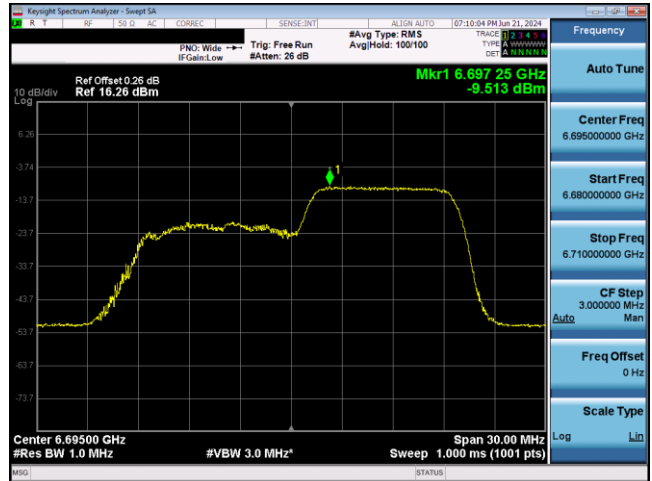
Plot 7-649. VLP Power Spectral Density Plot Antenna WF5T (160MHz 802.11ax RU106 (UNII Band 5) – Ch. 47)



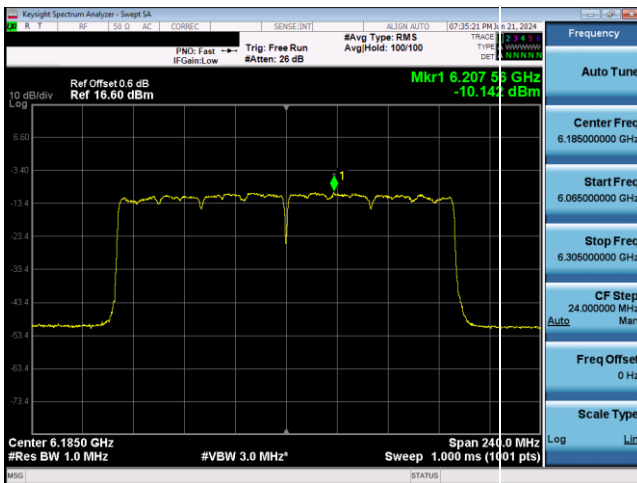
Plot 7-652. VLP Power Spectral Density Plot Antenna WF5T (20MHz 802.11ax RU106 (UNII Band 7) – Ch. 149)



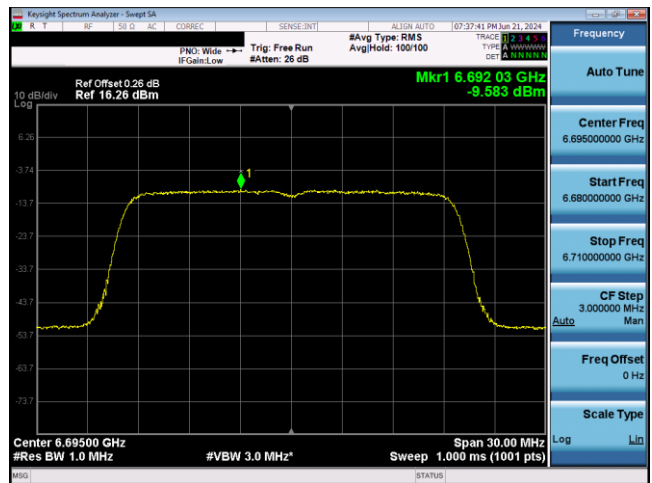
Plot 7-650. VLP Power Spectral Density Plot Antenna WF5T (160MHz 802.11ax RU106 (UNII Band 5) – Ch. 47)



Plot 7-653. VLP Power Spectral Density Plot Antenna WF5T (20MHz 802.11ax RU106 (UNII Band 7) – Ch. 149)

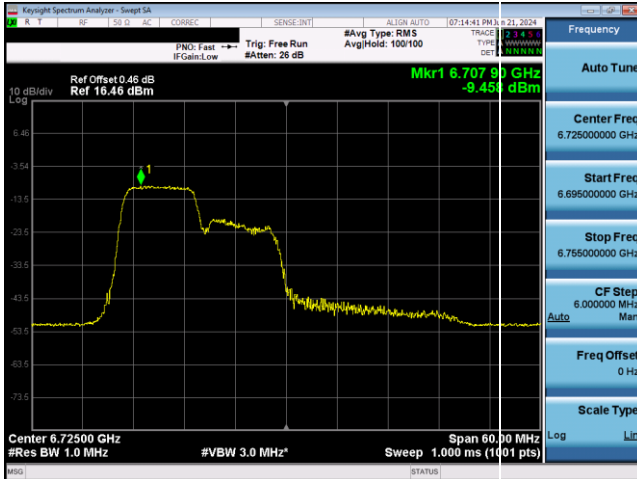


Plot 7-651. VLP Power Spectral Density Plot Antenna WF5T (160MHz 802.11ax RU996x2 (UNII Band 5) – Ch. 47)

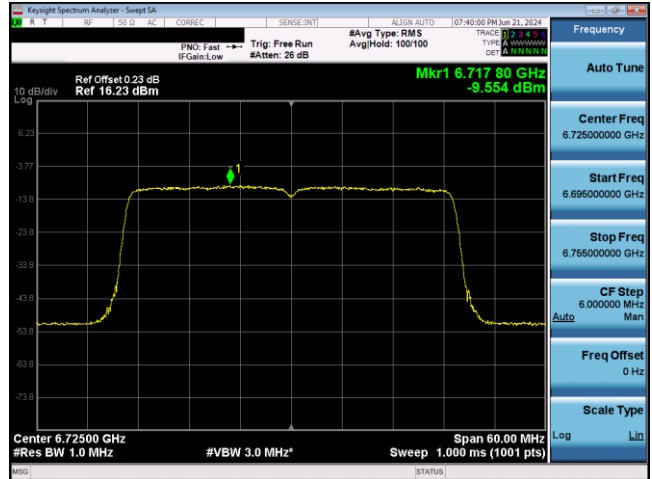


Plot 7-654. VLP Power Spectral Density Plot Antenna WF5T (20MHz 802.11ax RU242 (UNII Band 7) – Ch. 149)

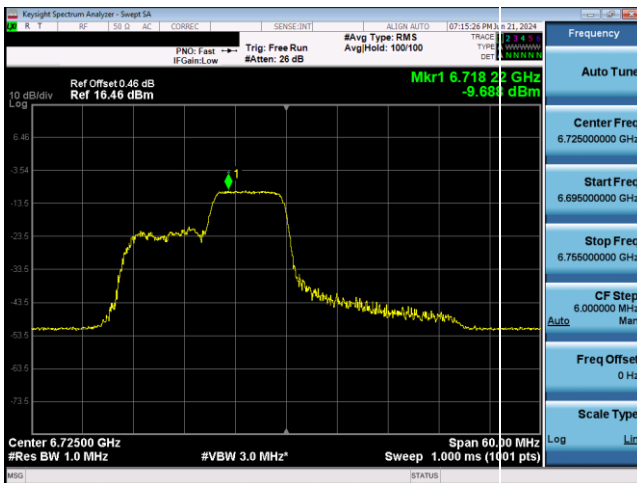
FCC ID: BCGA2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-14-R3.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device	Page 205 of 464



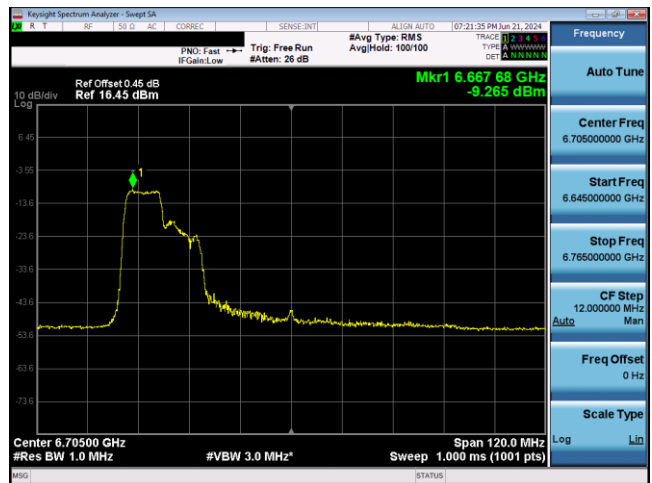
Plot 7-655. VLP Power Spectral Density Plot Antenna WF5T (40MHz 802.11ax UNII Band 7) – Ch. 155)



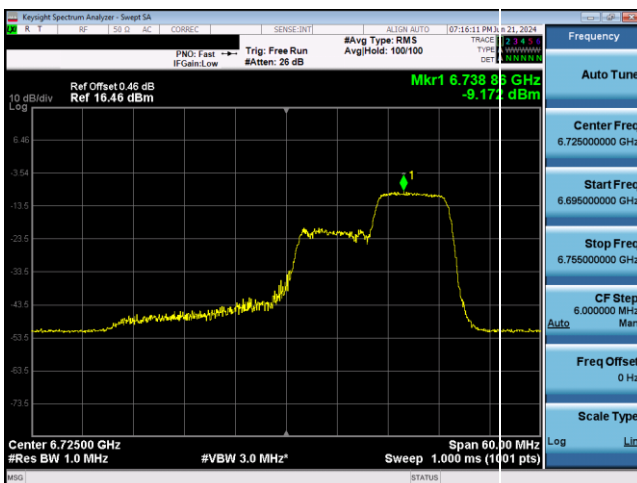
Plot 7-658. VLP Power Spectral Density Plot Antenna WF5T (40MHz 802.11ax RU484 (UNII Band 7) – Ch. 155)



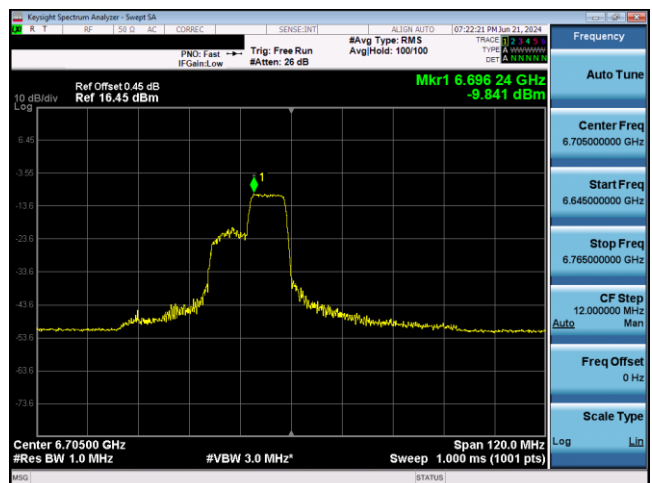
Plot 7-656. VLP Power Spectral Density Plot Antenna WF5T (40MHz 802.11ax RU106 (UNII Band 7) – Ch. 155)



Plot 7-659. VLP Power Spectral Density Plot Antenna WF5T (80MHz 802.11ax RU106 (UNII Band 7) – Ch. 151)

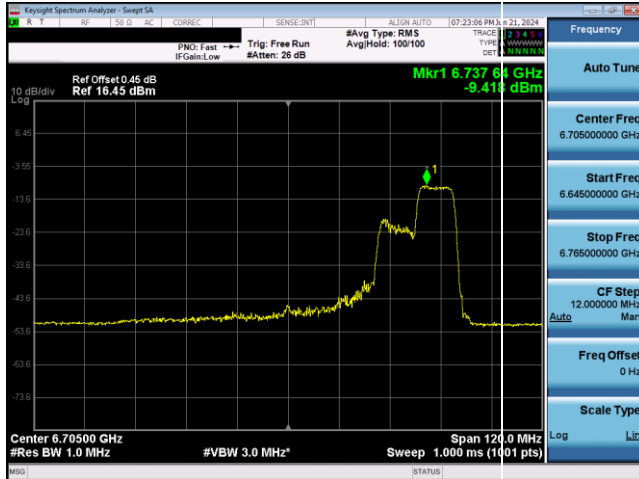


Plot 7-657. VLP Power Spectral Density Plot Antenna WF5T (40MHz 802.11ax RU106 (UNII Band 7) – Ch. 155)

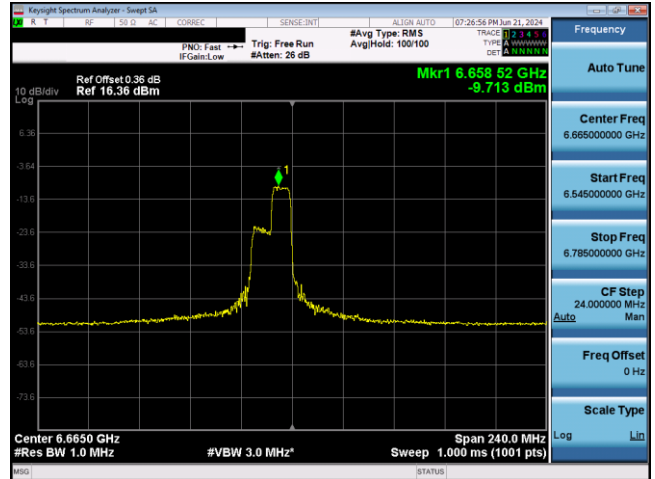


Plot 7-660. VLP Power Spectral Density Plot Antenna WF5T (80MHz 802.11ax RU106 (UNII Band 7) – Ch. 151)

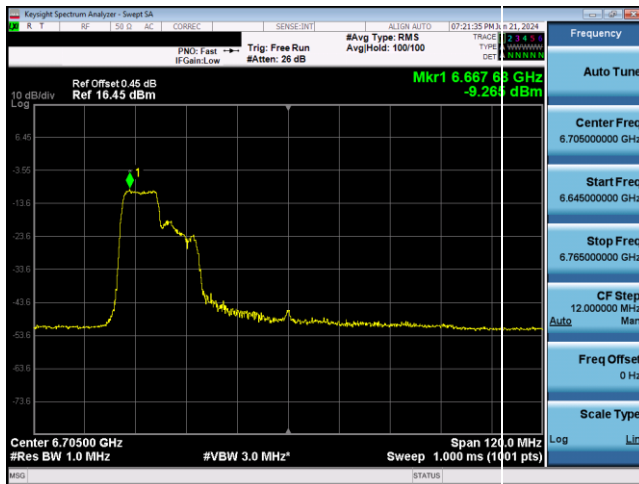
FCC ID: BCGA2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-14-R3.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device	Page 206 of 464



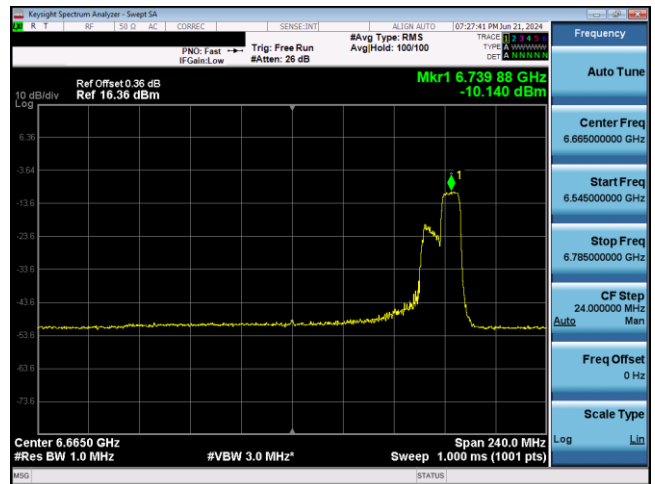
Plot 7-661. VLP Power Spectral Density Plot Antenna WF5T (80MHz) 802.11ax RU106 (UNII Band 7) – Ch. 151)



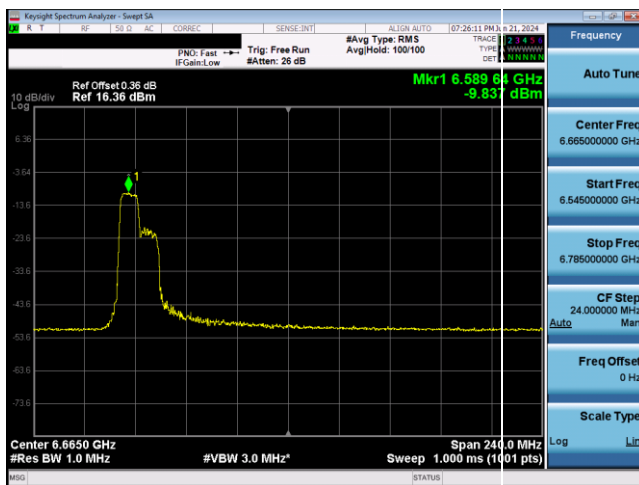
Plot 7-664. VLP Power Spectral Density Plot Antenna WF5T (160MHz) 802.11ax RU106 (UNII Band 7) – Ch. 143)



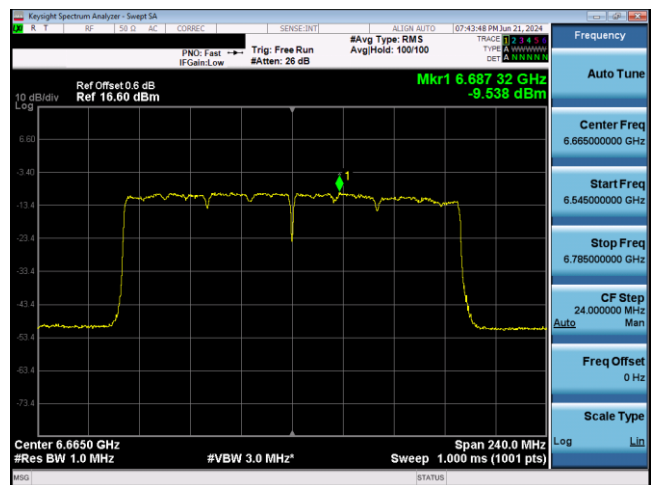
Plot 7-662. VLP Power Spectral Density Plot Antenna WF5T (80MHz) 802.11ax RU996 (UNII Band 7) – Ch. 151)



Plot 7-665. VLP Power Spectral Density Plot Antenna WF5T (160MHz) 802.11ax RU106 (UNII Band 7) – Ch. 143)



Plot 7-663. VLP Power Spectral Density Plot Antenna WF5T (160MHz) 802.11ax RU106 (UNII Band 7) – Ch. 143)




Plot 7-666. VLP Power Spectral Density Plot Antenna WF5T (160MHz) 802.11ax RU996x2 (UNII Band 7) – Ch. 143)

FCC ID: BCGA2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-14-R3.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device	Page 207 of 464

7.4.8 Antenna WF2 VLP Power Spectral Density Measurements

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]	
Band 5	6115	33	ax (20MHz)	106	53	53.1/62.5 (MCS11)	-10.64	2.00	-8.64	-5	-3.64	
	6115	33	ax (20MHz)	106	54	53.1/62.5 (MCS11)	-10.38	2.00	-8.38	-5	-3.38	
	6255	61	ax (20MHz)	106	53	53.1/62.5 (MCS11)	-10.58	2.00	-8.58	-5	-3.58	
	6255	61	ax (20MHz)	106	54	53.1/62.5 (MCS11)	-9.82	2.00	-7.82	-5	-2.82	
	6415	93	ax (20MHz)	106	53	53.1/62.5 (MCS11)	-10.21	2.00	-8.21	-5	-3.21	
	6415	93	ax (20MHz)	106	54	53.1/62.5 (MCS11)	-10.28	2.00	-8.28	-5	-3.28	
	6125	35	ax (40MHz)	106	53	53.1/62.5 (MCS11)	-10.38	2.00	-8.38	-5	-3.38	
	6125	35	ax (40MHz)	106	54	53.1/62.5 (MCS11)	-10.44	2.00	-8.44	-5	-3.44	
	6125	35	ax (40MHz)	106	56	53.1/62.5 (MCS11)	-10.67	2.00	-8.67	-5	-3.67	
	6245	59	ax (40MHz)	106	53	53.1/62.5 (MCS11)	-10.40	2.00	-8.40	-5	-3.40	
	6245	59	ax (40MHz)	106	54	53.1/62.5 (MCS11)	-9.92	2.00	-7.92	-5	-2.92	
	6245	59	ax (40MHz)	106	56	53.1/62.5 (MCS11)	-10.14	2.00	-8.14	-5	-3.14	
	6405	91	ax (40MHz)	106	53	53.1/62.5 (MCS11)	-10.47	2.00	-8.47	-5	-3.47	
	6405	91	ax (40MHz)	106	54	53.1/62.5 (MCS11)	-10.06	2.00	-8.06	-5	-3.06	
	6405	91	ax (40MHz)	106	56	53.1/62.5 (MCS11)	-9.71	2.00	-7.71	-5	-2.71	
	6145	39	ax (80MHz)	106	53	53.1/62.5 (MCS11)	-10.99	2.00	-8.99	-5	-3.99	
	6145	39	ax (80MHz)	106	56	53.1/62.5 (MCS11)	-10.47	2.00	-8.47	-5	-3.47	
	6145	39	ax (80MHz)	106	60	53.1/62.5 (MCS11)	-10.87	2.00	-8.87	-5	-3.87	
	6225	55	ax (80MHz)	106	53	53.1/62.5 (MCS11)	-9.85	2.00	-7.85	-5	-2.85	
	6225	55	ax (80MHz)	106	56	53.1/62.5 (MCS11)	-9.41	2.00	-7.41	-5	-2.41	
	6225	55	ax (80MHz)	106	60	53.1/62.5 (MCS11)	-9.79	2.00	-7.79	-5	-2.79	
	6385	87	ax (80MHz)	106	53	53.1/62.5 (MCS11)	-10.73	2.00	-8.73	-5	-3.73	
	6385	87	ax (80MHz)	106	56	53.1/62.5 (MCS11)	-10.84	2.00	-8.84	-5	-3.84	
	6385	87	ax (80MHz)	106	60	53.1/62.5 (MCS11)	-10.55	2.00	-8.55	-5	-3.55	
	6185	47 (L)	ax (160MHz)	106	53	53.1/62.5 (MCS11)	-10.07	2.00	-8.07	-5	-3.07	
	6185		ax (160MHz)	106	60	53.1/62.5 (MCS11)	-10.96	2.00	-8.96	-5	-3.96	
	6185	47 (U)	ax (160MHz)	106	60	53.1/62.5 (MCS11)	-10.37	2.00	-8.37	-5	-3.37	
	6345	79 (L)	ax (160MHz)	106	53	53.1/62.5 (MCS11)	-10.18	2.00	-8.18	-5	-3.18	
	6345		ax (160MHz)	106	60	53.1/62.5 (MCS11)	-10.53	2.00	-8.53	-5	-3.53	
	6345	79 (U)	ax (160MHz)	106	60	53.1/62.5 (MCS11)	-10.12	2.00	-8.12	-5	-3.12	
	Band 7	6535	117	ax (20MHz)	106	53	53.1/62.5 (MCS11)	-10.42	1.80	-8.62	-5	-3.62
		6535	117	ax (20MHz)	106	54	53.1/62.5 (MCS11)	-10.22	1.80	-8.42	-5	-3.42
6695		149	ax (20MHz)	106	53	53.1/62.5 (MCS11)	-9.65	1.80	-7.85	-5	-2.85	
6695		149	ax (20MHz)	106	54	53.1/62.5 (MCS11)	-9.55	1.80	-7.75	-5	-2.75	
6855		181	ax (20MHz)	106	53	53.1/62.5 (MCS11)	-9.63	1.80	-7.83	-5	-2.83	
6855		181	ax (20MHz)	106	54	53.1/62.5 (MCS11)	-9.52	1.80	-7.72	-5	-2.72	
6565		123	ax (40MHz)	106	53	53.1/62.5 (MCS11)	-10.29	1.80	-8.49	-5	-3.49	
6565		123	ax (40MHz)	106	54	53.1/62.5 (MCS11)	-10.69	1.80	-8.89	-5	-3.89	
6565		123	ax (40MHz)	106	56	53.1/62.5 (MCS11)	-10.27	1.80	-8.47	-5	-3.47	
6725		155	ax (40MHz)	106	53	53.1/62.5 (MCS11)	-10.23	1.80	-8.43	-5	-3.43	
6725		155	ax (40MHz)	106	54	53.1/62.5 (MCS11)	-10.37	1.80	-8.57	-5	-3.57	
6725		155	ax (40MHz)	106	56	53.1/62.5 (MCS11)	-9.84	1.80	-8.04	-5	-3.04	
6845		179	ax (40MHz)	106	53	53.1/62.5 (MCS11)	-10.11	1.80	-8.31	-5	-3.31	
6845		179	ax (40MHz)	106	54	53.1/62.5 (MCS11)	-9.91	1.80	-8.11	-5	-3.11	
6845		179	ax (40MHz)	106	56	53.1/62.5 (MCS11)	-10.55	1.80	-8.75	-5	-3.75	
6625		135	ax (80MHz)	106	53	53.1/62.5 (MCS11)	-9.56	1.80	-7.76	-5	-2.76	
6625		135	ax (80MHz)	106	56	53.1/62.5 (MCS11)	-9.70	1.80	-7.90	-5	-2.90	
6625		135	ax (80MHz)	106	60	53.1/62.5 (MCS11)	-9.19	1.80	-7.39	-5	-2.39	
6705		151	ax (80MHz)	106	53	53.1/62.5 (MCS11)	-9.74	1.80	-7.94	-5	-2.94	
6705		151	ax (80MHz)	106	56	53.1/62.5 (MCS11)	-9.66	1.80	-7.86	-5	-2.86	
6705		151	ax (80MHz)	106	60	53.1/62.5 (MCS11)	-10.00	1.80	-8.20	-5	-3.20	
6785		167	ax (80MHz)	106	53	53.1/62.5 (MCS11)	-9.90	1.80	-8.10	-5	-3.10	
6785		167	ax (80MHz)	106	56	53.1/62.5 (MCS11)	-9.93	1.80	-8.13	-5	-3.13	
6785		167	ax (80MHz)	106	60	53.1/62.5 (MCS11)	-9.78	1.80	-7.98	-5	-2.98	
6665		143 (L)	ax (160MHz)	106	53	53.1/62.5 (MCS11)	-10.14	1.80	-8.34	-5	-3.34	
6665			ax (160MHz)	106	60	53.1/62.5 (MCS11)	-9.73	1.80	-7.93	-5	-2.93	
6665		143 (U)	ax (160MHz)	106	60	53.1/62.5 (MCS11)	-9.64	1.80	-7.84	-5	-2.84	

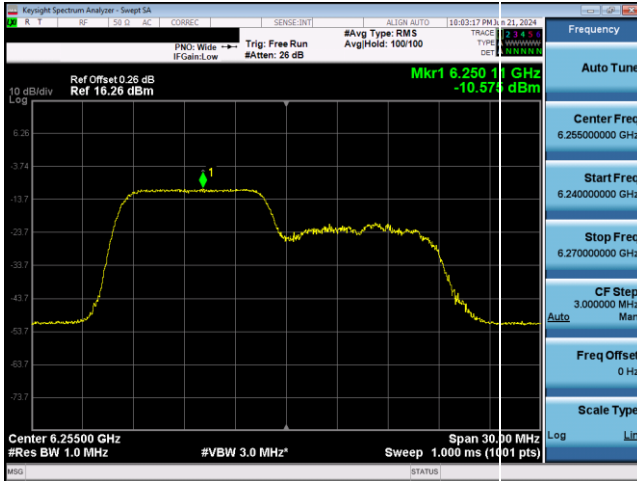
Table 7-136. VLP Power Spectral Density Measurements Antenna WF2 (RU106)

FCC ID: BCGA2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-14-R3.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device	Page 208 of 464

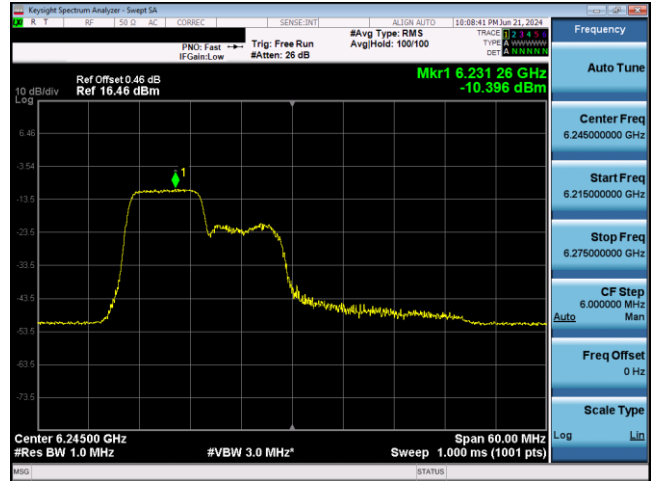
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	6115	33	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-9.89	2.00	-7.89	-5	-2.89
	6255	61	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-10.48	2.00	-8.48	-5	-3.48
	6415	93	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-11.06	2.00	-9.06	-5	-4.06
	6125	35	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-10.23	2.00	-8.23	-5	-3.23
	6245	59	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-10.53	2.00	-8.53	-5	-3.53
	6405	91	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-10.73	2.00	-8.73	-5	-3.73
	6145	39	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-9.99	2.00	-7.99	-5	-2.99
	6225	55	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-10.01	2.00	-8.01	-5	-3.01
	6385	87	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-10.07	2.00	-8.07	-5	-3.07
	6185	47	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	-9.93	2.00	-7.93	-5	-2.93
6345	79	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	-10.69	2.00	-8.69	-5	-3.69	
Band 7	6535	117	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-10.30	1.80	-8.50	-5	-3.50
	6695	149	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-9.82	1.80	-8.02	-5	-3.02
	6855	181	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-9.77	1.80	-7.97	-5	-2.97
	6565	123	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-10.35	1.80	-8.55	-5	-3.55
	6725	155	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-10.06	1.80	-8.26	-5	-3.26
	6845	179	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-10.11	1.80	-8.31	-5	-3.31
	6625	135	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-9.54	1.80	-7.74	-5	-2.74
	6705	151	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-9.48	1.80	-7.68	-5	-2.68
	6785	167	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-9.52	1.80	-7.72	-5	-2.72
	6665	143	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	-9.59	1.80	-7.79	-5	-2.79

Table 7-137. VLP Power Spectral Density Measurements Antenna WF2 (Fully loaded RU)

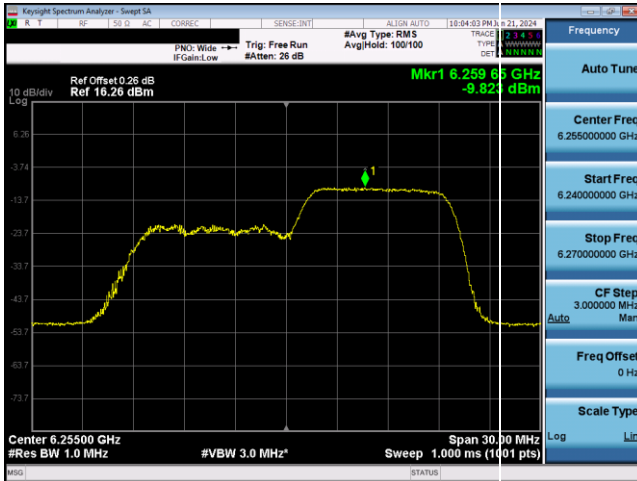
FCC ID: BCGA2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-14-R3.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device	Page 209 of 464



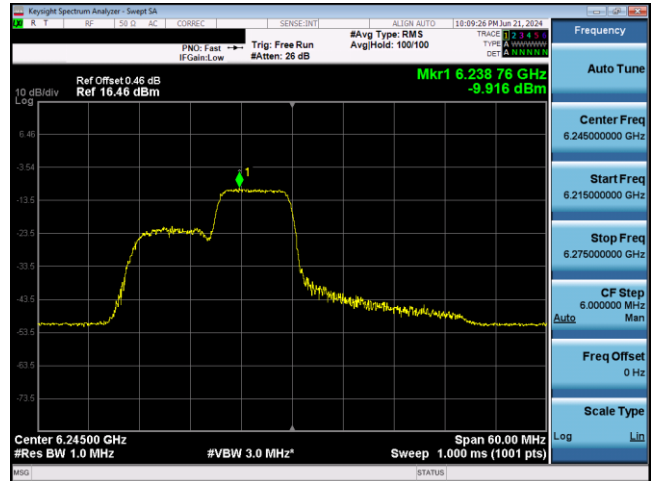
Plot 7-667. VLP Power Spectral Density Plot Antenna WF2 (20MHz) 802.11ax RU106 (UNII Band 5) – Ch. 61



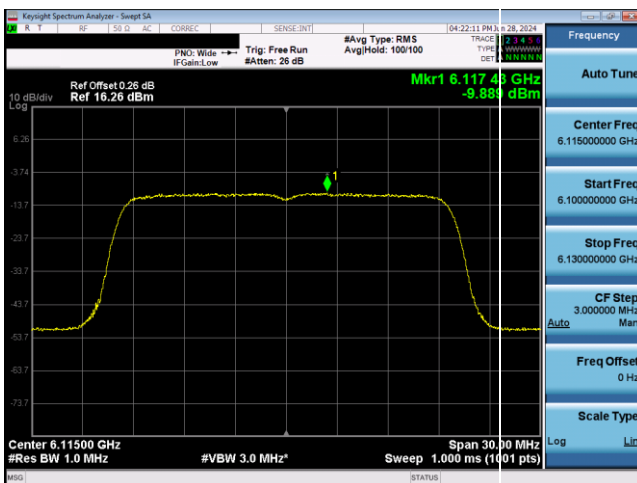
Plot 7-670. VLP Power Spectral Density Plot Antenna WF2 (40MHz) 802.11ax RU106 (UNII Band 5) – Ch. 59



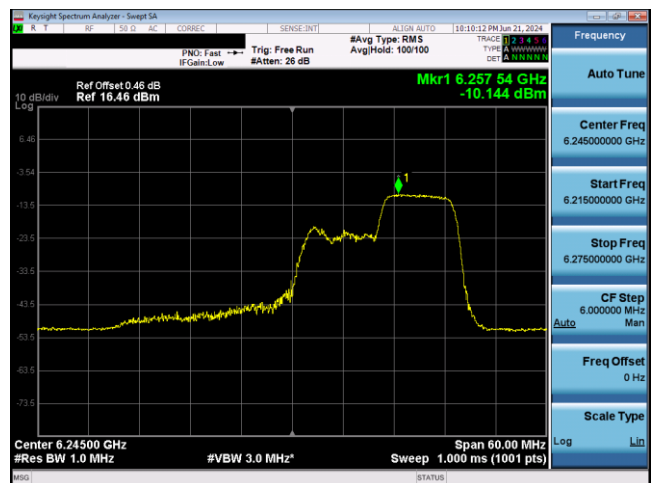
Plot 7-668. VLP Power Spectral Density Plot Antenna WF2 (20MHz) 802.11ax RU106 (UNII Band 5) – Ch. 61



Plot 7-671. VLP Power Spectral Density Plot Antenna WF2 (40MHz) 802.11ax RU106 (UNII Band 5) – Ch. 59

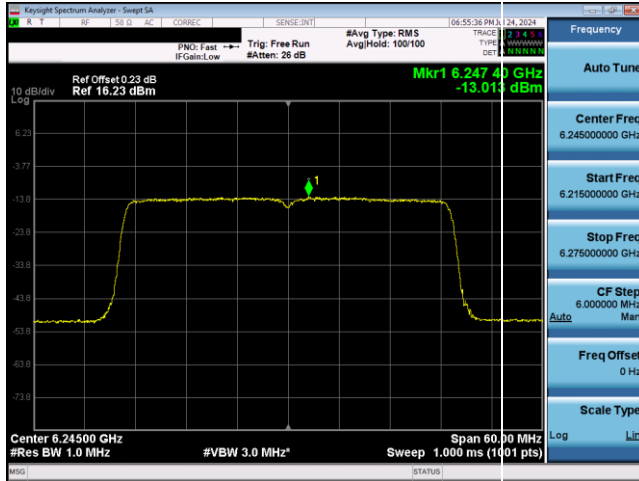


Plot 7-669. VLP Power Spectral Density Plot Antenna WF2 (20MHz) 802.11ax RU242 (UNII Band 5) – Ch. 61

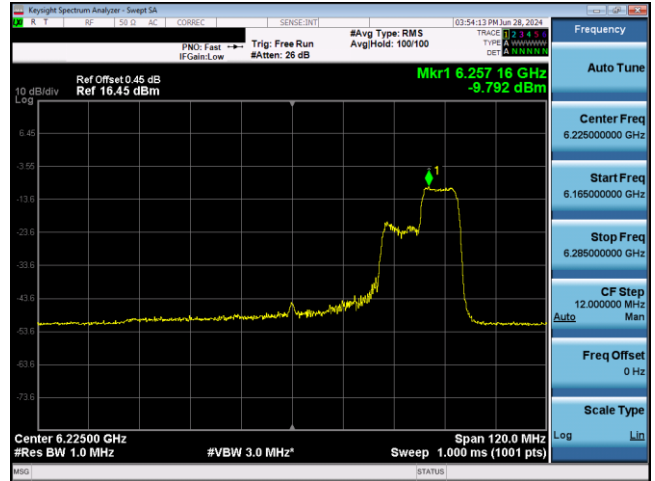


Plot 7-672. VLP Power Spectral Density Plot Antenna WF2 (40MHz) 802.11ax RU106 (UNII Band 5) – Ch. 59

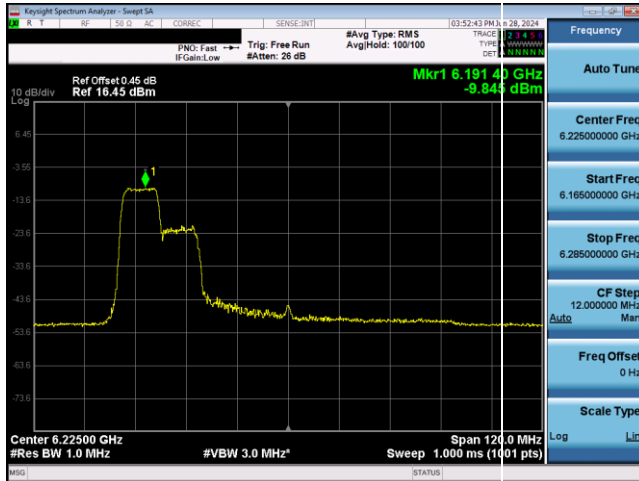
FCC ID: BCGA2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-14-R3.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device	Page 210 of 464



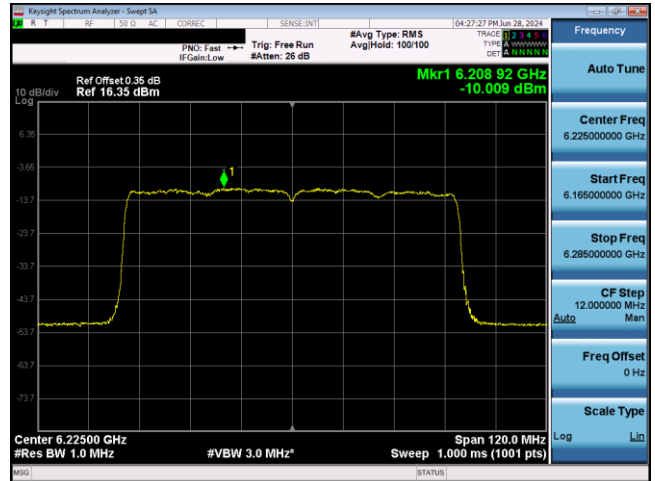
Plot 7-673. VLP Power Spectral Density Plot Antenna WF2 (40MHz) 802.11ax RU484 (UNII Band 5) – Ch. 59



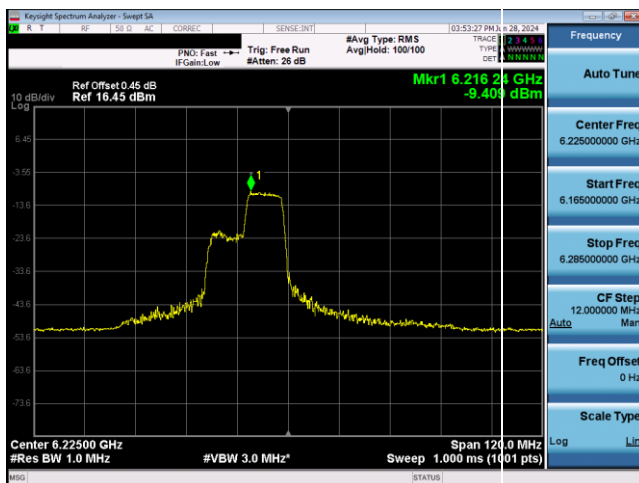
Plot 7-676. VLP Power Spectral Density Plot Antenna WF2 (80MHz) 802.11ax RU106 (UNII Band 5) – Ch. 55



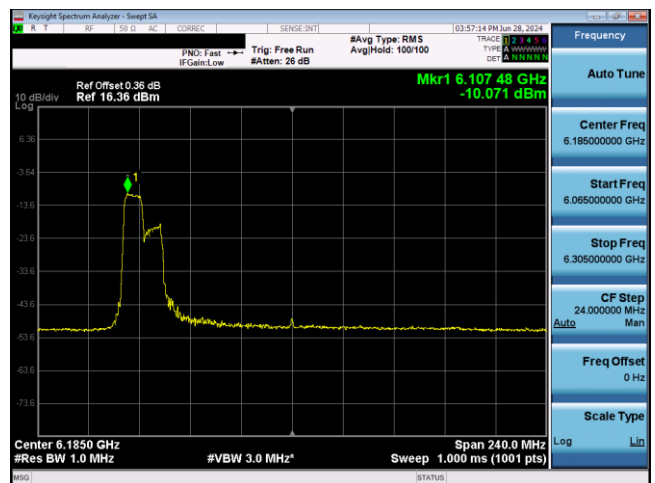
Plot 7-674. VLP Power Spectral Density Plot Antenna WF2 (80MHz) 802.11ax RU106 (UNII Band 5) – Ch. 55



Plot 7-677. VLP Power Spectral Density Plot Antenna WF2 (80MHz) 802.11ax RU996 (UNII Band 5) – Ch. 55

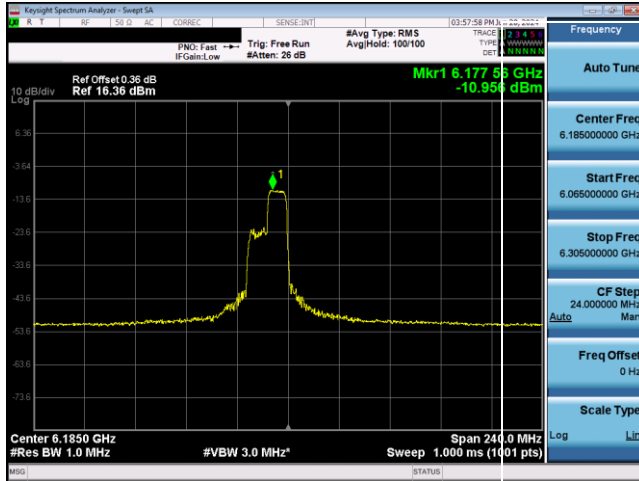


Plot 7-675. VLP Power Spectral Density Plot Antenna WF2 (80MHz) 802.11ax RU106 (UNII Band 5) – Ch. 55

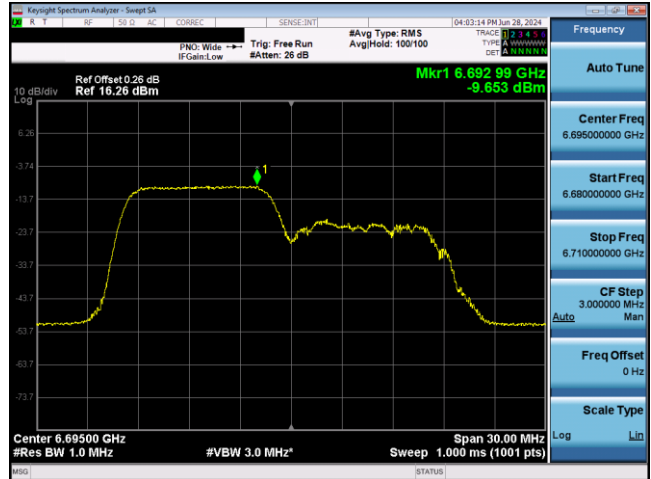


Plot 7-678. VLP Power Spectral Density Plot Antenna WF2 (160MHz) 802.11ax RU106 (UNII Band 5) – Ch. 47

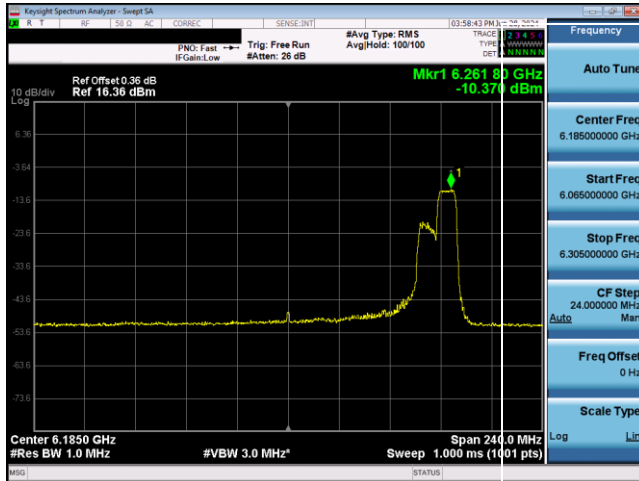
FCC ID: BCGA2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-14-R3.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device	Page 211 of 464



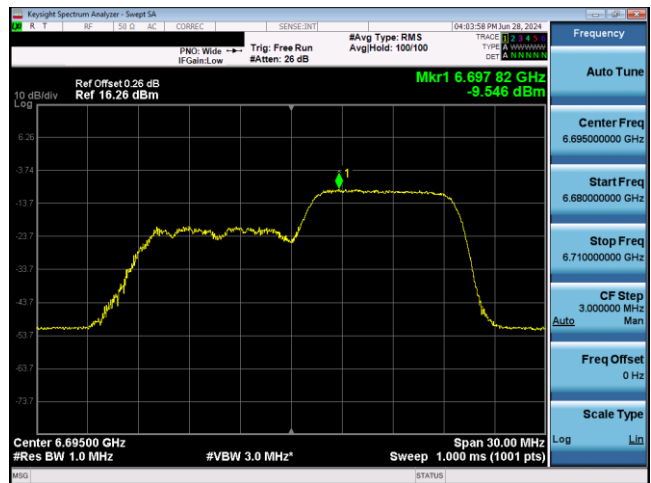
Plot 7-679. VLP Power Spectral Density Plot Antenna WF2 (160MHz 802.11ax RU106 (UNII Band 5) – Ch. 47)



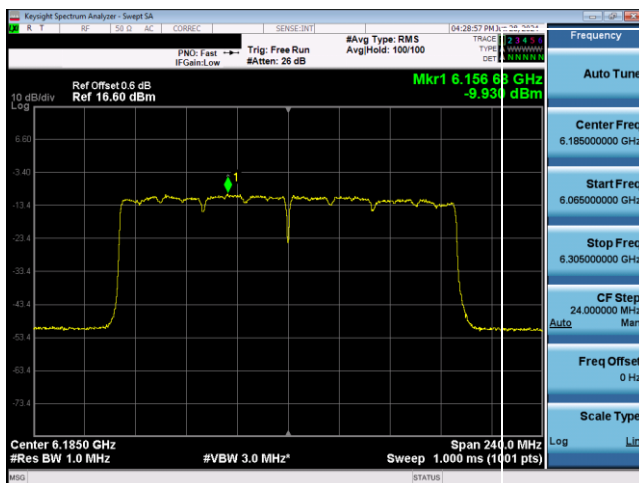
Plot 7-682. VLP Power Spectral Density Plot Antenna WF2 (20MHz 802.11ax RU106 (UNII Band 7) – Ch. 149)



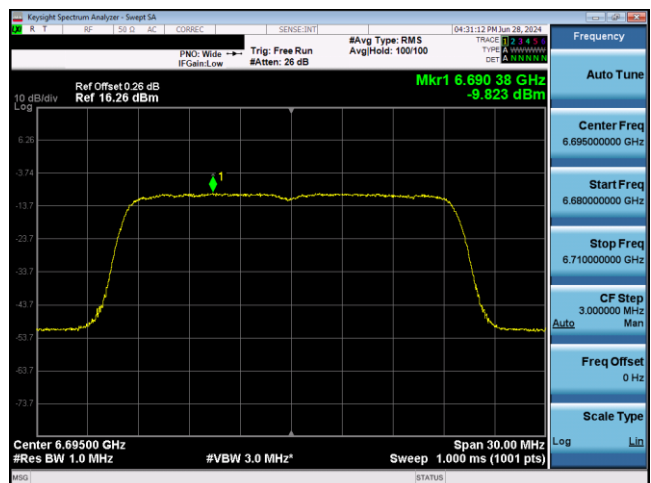
Plot 7-680. VLP Power Spectral Density Plot Antenna WF2 (160MHz 802.11ax RU106 (UNII Band 5) – Ch. 47)



Plot 7-683. VLP Power Spectral Density Plot Antenna WF2 (20MHz 802.11ax RU106 (UNII Band 7) – Ch. 149)

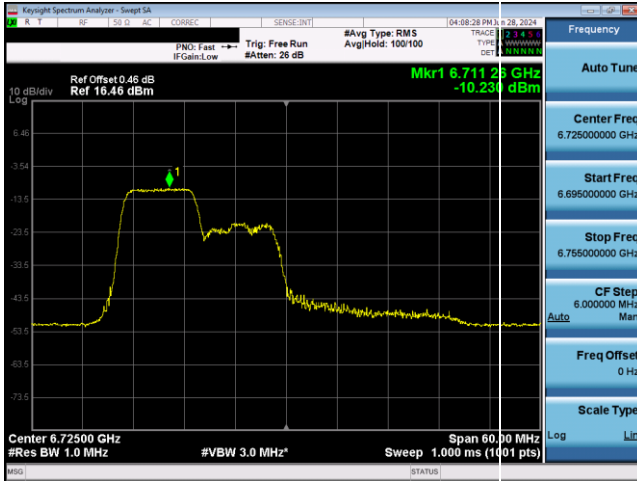


Plot 7-681. VLP Power Spectral Density Plot Antenna WF2 (160MHz 802.11ax RU996x2 (UNII Band 5) – Ch. 47)

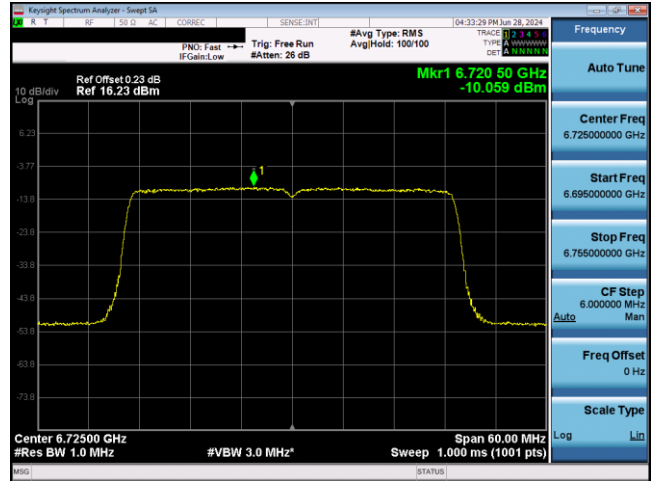


Plot 7-684. VLP Power Spectral Density Plot Antenna WF2 (20MHz 802.11ax RU242 (UNII Band 7) – Ch. 149)

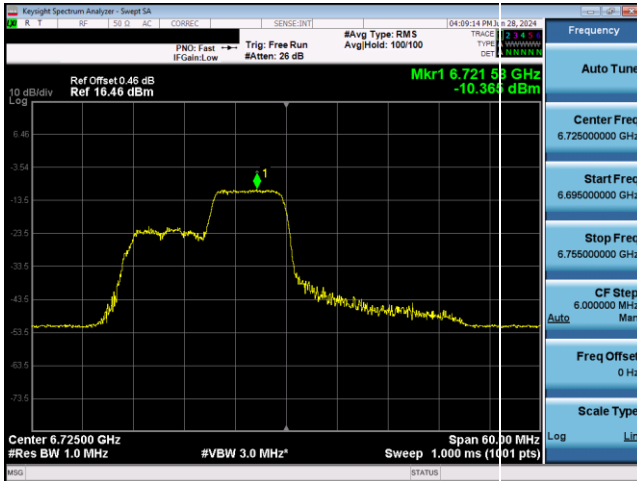
FCC ID: BCGA2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-14-R3.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device	Page 212 of 464



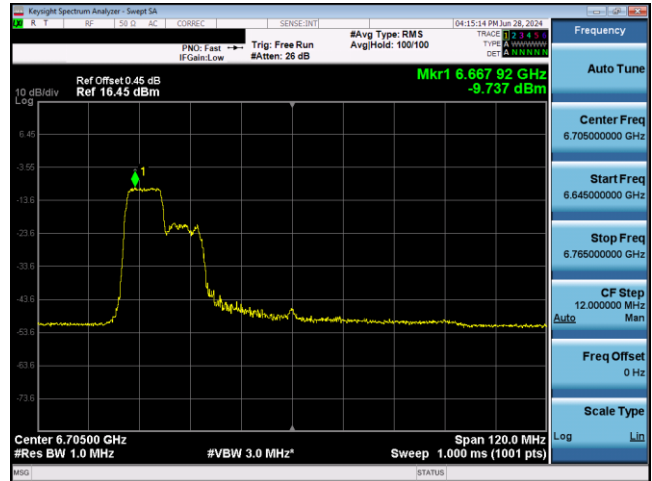
Plot 7-685. VLP Power Spectral Density Plot Antenna WF2 (40MHz) 802.11ax RU106 (UNII Band 7) – Ch. 155)



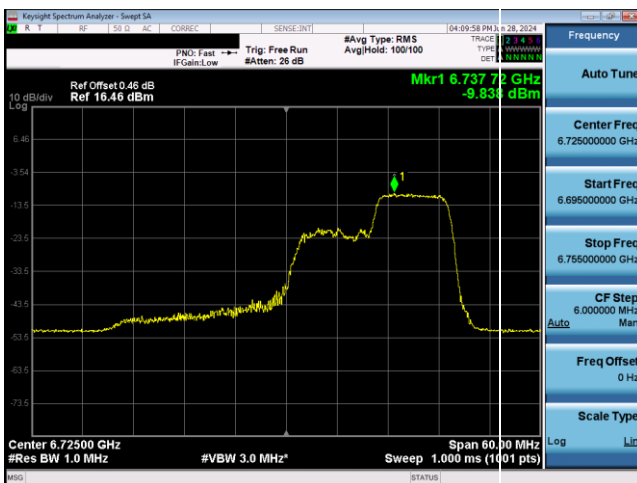
Plot 7-688. VLP Power Spectral Density Plot Antenna WF2 (40MHz) 802.11ax RU484 (UNII Band 7) – Ch. 155)



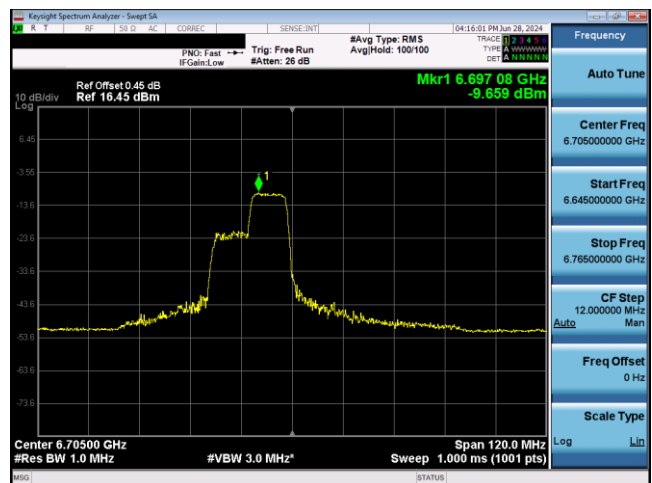
Plot 7-686. VLP Power Spectral Density Plot Antenna WF2 (40MHz) 802.11ax RU106 (UNII Band 7) – Ch. 155)



Plot 7-689. VLP Power Spectral Density Plot Antenna WF2 (80MHz) 802.11ax RU106 (UNII Band 7) – Ch. 151)

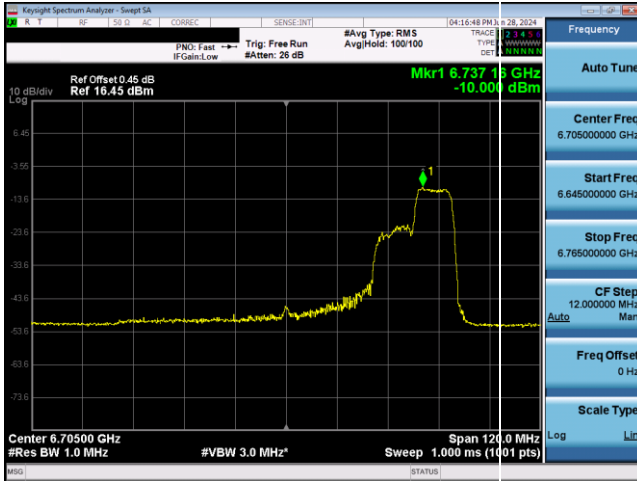


Plot 7-687. VLP Power Spectral Density Plot Antenna WF2 (40MHz) 802.11ax RU106 (UNII Band 7) – Ch. 155)

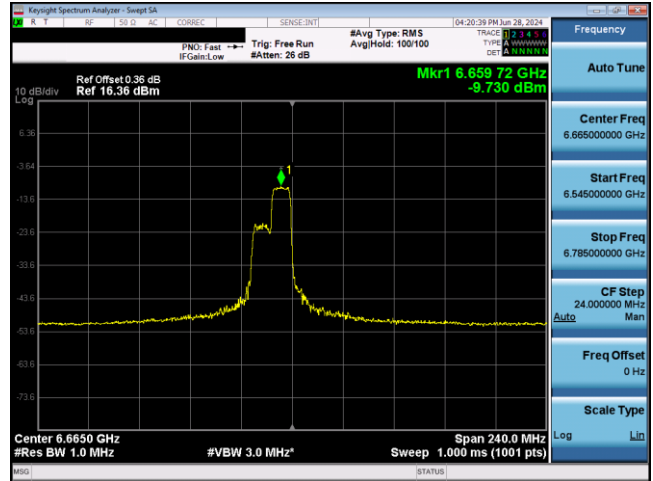


Plot 7-690. VLP Power Spectral Density Plot Antenna WF2 (80MHz) 802.11ax RU106 (UNII Band 7) – Ch. 151)

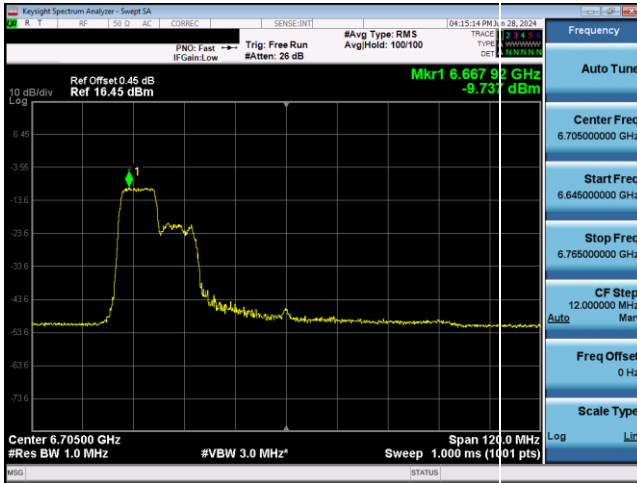
FCC ID: BCGA2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-14-R3.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device	Page 213 of 464



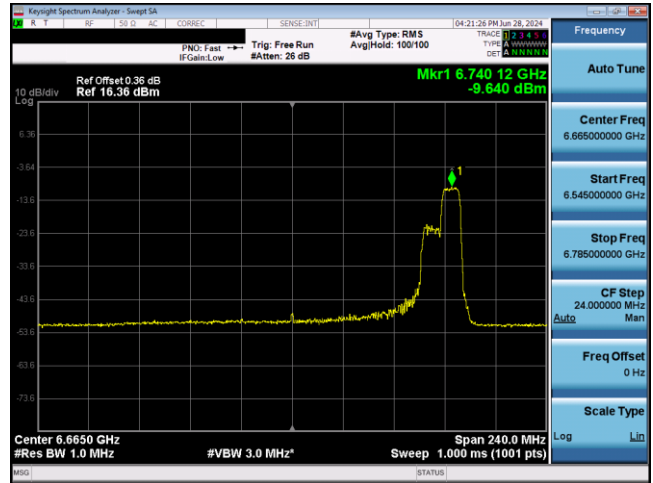
Plot 7-691. VLP Power Spectral Density Plot Antenna WF2 (80MHz) 802.11ax RU106 (UNII Band 7) – Ch. 151)



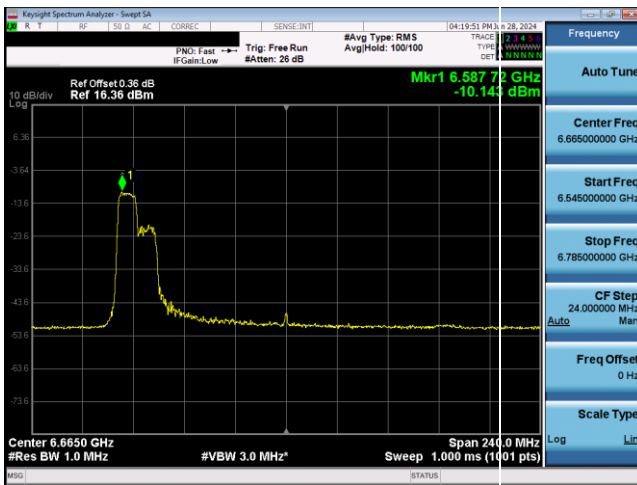
Plot 7-694. VLP Power Spectral Density Plot Antenna WF2 (160MHz) 802.11ax RU106 (UNII Band 7) – Ch. 143)



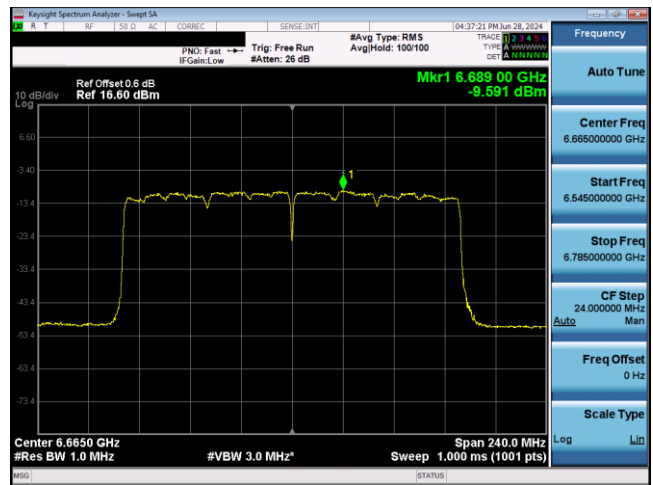
Plot 7-692. VLP Power Spectral Density Plot Antenna WF2 (80MHz) 802.11ax RU996 (UNII Band 7) – Ch. 151)



Plot 7-695. VLP Power Spectral Density Plot Antenna WF2 (160MHz) 802.11ax RU106 (UNII Band 7) – Ch. 143)



Plot 7-693. VLP Power Spectral Density Plot Antenna WF2 (160MHz) 802.11ax RU106 (UNII Band 7) – Ch. 143)



Plot 7-696. VLP Power Spectral Density Plot Antenna WF2 (160MHz) 802.11ax RU996x2 (UNII Band 7) – Ch. 143)

FCC ID: BCGA2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-14-R3.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device	Page 214 of 464

7.4.9 SDM VLP Power Spectral Density Measurements

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Mode	Data Rate [Mbps]	Antenna WF5T Power Density [dBm/MHz]	Antenna WF2 Power Density [dBm/MHz]	Summed SDM Power Density [dBm/MHz]	Directional Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]	
Band 5	6125	35	ax (40MHz)	242	61	SDM	243.8/286.8 (MCS11)	-12.70	-12.45	-9.56	2.76	-6.81	-5	-1.81	
	6125	35	ax (40MHz)	242	62	SDM	243.8/286.8 (MCS11)	-12.21	-12.85	-9.51	2.76	-6.75	-5	-1.75	
	6245	59	ax (40MHz)	242	61	SDM	243.8/286.8 (MCS11)	-12.94	-13.08	-10.00	2.76	-7.24	-5	-2.24	
	6245	59	ax (40MHz)	242	62	SDM	243.8/286.8 (MCS11)	-13.11	-12.83	-9.96	2.76	-7.20	-5	-2.20	
	6405	91	ax (40MHz)	242	61	SDM	243.8/286.8 (MCS11)	-12.21	-12.77	-9.47	2.76	-6.71	-5	-1.71	
	6405	91	ax (40MHz)	242	62	SDM	243.8/286.8 (MCS11)	-12.02	-12.58	-9.28	2.76	-6.52	-5	-1.52	
	6145	39	ax (80MHz)	242	61	SDM	243.8/286.8 (MCS11)	-13.08	-13.64	-10.34	2.76	-7.59	-5	-2.59	
	6145	39	ax (80MHz)	242	62	SDM	243.8/286.8 (MCS11)	-12.62	-13.83	-10.17	2.76	-7.42	-5	-2.42	
	6145	39	ax (80MHz)	242	64	SDM	243.8/286.8 (MCS11)	-12.57	-13.63	-10.05	2.76	-7.30	-5	-2.30	
	6225	55	ax (80MHz)	242	61	SDM	243.8/286.8 (MCS11)	-12.54	-12.39	-9.45	2.76	-6.70	-5	-1.70	
	6225	55	ax (80MHz)	242	62	SDM	243.8/286.8 (MCS11)	-13.21	-13.42	-10.30	2.76	-7.55	-5	-2.55	
	6225	55	ax (80MHz)	242	64	SDM	243.8/286.8 (MCS11)	-12.31	-12.76	-9.52	2.76	-6.76	-5	-1.76	
	6385	87	ax (80MHz)	242	61	SDM	243.8/286.8 (MCS11)	-12.11	-13.31	-9.66	2.76	-6.90	-5	-1.90	
	6385	87	ax (80MHz)	242	62	SDM	243.8/286.8 (MCS11)	-12.61	-13.45	-10.00	2.76	-7.25	-5	-2.25	
	6385	87	ax (80MHz)	242	64	SDM	243.8/286.8 (MCS11)	-12.33	-13.36	-9.81	2.76	-7.05	-5	-2.05	
	6185	47 (L)	ax (160MHz)	242	61	SDM	243.8/286.8 (MCS11)	-11.85	-12.41	-9.11	2.76	-6.35	-5	-1.35	
	6185		ax (160MHz)	242	64	SDM	243.8/286.8 (MCS11)	-12.45	-12.79	-9.61	2.76	-6.85	-5	-1.85	
	6185	47 (U)	ax (160MHz)	242	64	SDM	243.8/286.8 (MCS11)	-11.80	-12.09	-8.93	2.76	-6.18	-5	-1.18	
	6345	79 (L)	ax (160MHz)	242	61	SDM	243.8/286.8 (MCS11)	-12.29	-12.46	-9.36	2.76	-6.61	-5	-1.61	
	6345		ax (160MHz)	242	64	SDM	243.8/286.8 (MCS11)	-12.69	-13.20	-9.93	2.76	-7.17	-5	-2.17	
	6345	79 (U)	ax (160MHz)	242	64	SDM	243.8/286.8 (MCS11)	-11.59	-11.81	-8.69	2.76	-5.93	-5	-0.93	
	Band 7	6565	123	ax (40MHz)	242	61	SDM	243.8/286.8 (MCS11)	-12.69	-13.20	-9.92	2.56	-7.37	-5	-2.37
		6565	123	ax (40MHz)	242	62	SDM	243.8/286.8 (MCS11)	-12.35	-13.34	-9.81	2.56	-7.25	-5	-2.25
		6725	155	ax (40MHz)	242	61	SDM	243.8/286.8 (MCS11)	-11.95	-13.09	-9.47	2.56	-6.91	-5	-1.91
6725		155	ax (40MHz)	242	62	SDM	243.8/286.8 (MCS11)	-12.09	-13.14	-9.58	2.56	-7.02	-5	-2.02	
6845		179	ax (40MHz)	242	61	SDM	243.8/286.8 (MCS11)	-12.25	-13.65	-9.89	2.56	-7.33	-5	-2.33	
6845		179	ax (40MHz)	242	62	SDM	243.8/286.8 (MCS11)	-12.27	-13.67	-9.90	2.56	-7.35	-5	-2.35	
6625		135	ax (80MHz)	242	61	SDM	243.8/286.8 (MCS11)	-12.17	-12.95	-9.53	2.56	-6.97	-5	-1.97	
6625		135	ax (80MHz)	242	62	SDM	243.8/286.8 (MCS11)	-11.99	-13.38	-9.62	2.56	-7.06	-5	-2.06	
6625		135	ax (80MHz)	242	64	SDM	243.8/286.8 (MCS11)	-11.96	-12.90	-9.39	2.56	-6.84	-5	-1.84	
6705		151	ax (80MHz)	242	61	SDM	243.8/286.8 (MCS11)	-12.68	-13.07	-9.86	2.56	-7.30	-5	-2.30	
6705		151	ax (80MHz)	242	62	SDM	243.8/286.8 (MCS11)	-11.79	-13.20	-9.43	2.56	-6.87	-5	-1.87	
6705		151	ax (80MHz)	242	64	SDM	243.8/286.8 (MCS11)	-11.93	-13.10	-9.47	3.80	-5.67	-5	-0.67	
6785		167	ax (80MHz)	242	61	SDM	243.8/286.8 (MCS11)	-11.78	-12.80	-9.25	2.56	-6.69	-5	-1.69	
6785		167	ax (80MHz)	242	62	SDM	243.8/286.8 (MCS11)	-12.39	-13.35	-9.83	2.56	-7.28	-5	-2.28	
6785		167	ax (80MHz)	242	64	SDM	243.8/286.8 (MCS11)	-12.18	-12.84	-9.48	2.56	-6.93	-5	-1.93	
6665		143 (L)	ax (160MHz)	242	61	SDM	243.8/286.8 (MCS11)	-11.97	-12.99	-9.44	2.56	-6.88	-5	-1.88	
6665			ax (160MHz)	242	64	SDM	243.8/286.8 (MCS11)	-11.85	-13.16	-9.44	2.56	-6.89	-5	-1.89	
6665		143 (U)	ax (160MHz)	242	64	SDM	243.8/286.8 (MCS11)	-12.02	-12.43	-9.21	2.56	-6.65	-5	-1.65	

Table 7-138. VLP Power Spectral Density Measurements SDM (RU242)

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Mode	Data Rate [Mbps]	Antenna WF5T Power Density [dBm/MHz]	Antenna WF2 Power Density [dBm/MHz]	Summed SDM Power Density [dBm/MHz]	Directional Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]	
Band 5	6115	33	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-12.75	-12.82	-9.78	2.76	-7.02	-5	-2.02	
	6255	61	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-12.49	-13.82	-10.09	2.76	-7.34	-5	-2.34	
	6415	93	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-12.18	-13.26	-9.67	2.76	-6.92	-5	-1.92	
	6125	35	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-12.58	-12.32	-9.44	2.76	-6.68	-5	-1.68	
	6245	59	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-12.05	-12.86	-9.43	2.76	-6.67	-5	-1.67	
	6405	91	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-11.72	-12.47	-9.07	2.76	-6.31	-5	-1.31	
	6145	39	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-12.23	-12.43	-9.32	2.76	-6.56	-5	-1.56	
	6225	55	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-12.31	-11.91	-9.09	2.76	-6.34	-5	-1.34	
	6385	87	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-11.23	-11.87	-8.53	2.76	-5.77	-5	-0.77	
	6185	47	ax (160MHz)	996x2	68	SDM	2041.6/2402 (MCS11)	-11.99	-12.24	-9.10	2.76	-6.35	-5	-1.35	
	6345	79	ax (160MHz)	996x2	68	SDM	2041.6/2402 (MCS11)	-11.97	-12.74	-9.33	2.76	-6.57	-5	-1.57	
	Band 7	6535	117	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-12.68	-13.47	-10.04	2.56	-7.49	-5	-2.49
		6695	149	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-12.10	-12.80	-9.43	2.56	-6.87	-5	-1.87
		6855	181	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-12.41	-12.93	-9.65	2.56	-7.10	-5	-2.10
6565		123	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-12.81	-12.78	-9.78	2.56	-7.23	-5	-2.23	
6725		155	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-12.42	-13.31	-9.83	2.56	-7.27	-5	-2.27	
6845		179	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-12.28	-13.07	-9.64	2.56	-7.09	-5	-2.09	
6625		135	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-11.85	-12.06	-8.94	2.56	-6.39	-5	-1.39	
6705		151	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-11.73	-12.02	-8.86	2.56	-6.31	-5	-1.31	
6785		167	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-11.75	-11.82	-8.77	2.56	-6.22	-5	-1.22	
6665		143	ax (160MHz)	996x2	68	SDM	2041.6/2402 (MCS11)	-12.06	-12.02	-9.03	2.56	-6.48	-5	-1.48	

Table 7-139. VLP Power Spectral Density Measurements SDM (Fully-loaded RU)

FCC ID: BCGA2993		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2405200017-14-R3.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device	Page 215 of 464	