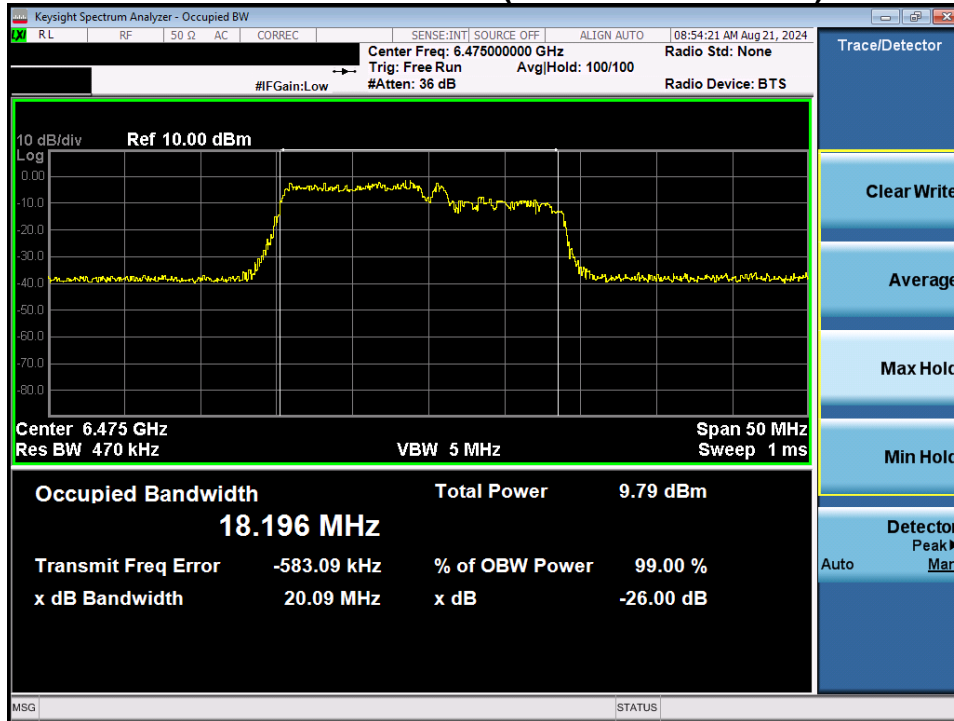
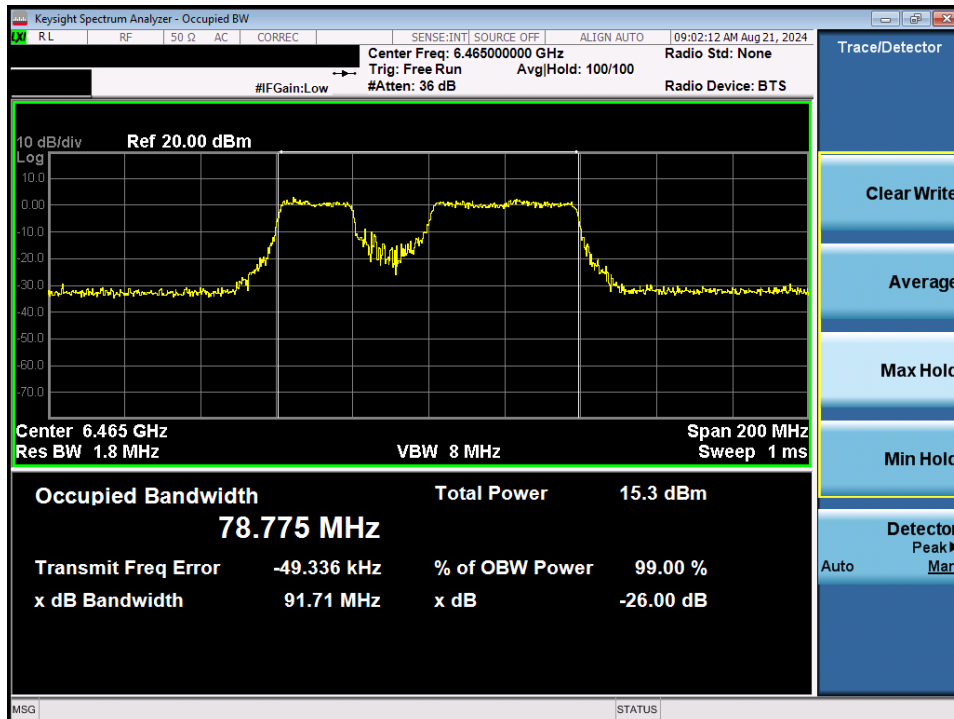


MIMO Antenna-2 Bandwidth Measurements - (Partial Tones - MRU)

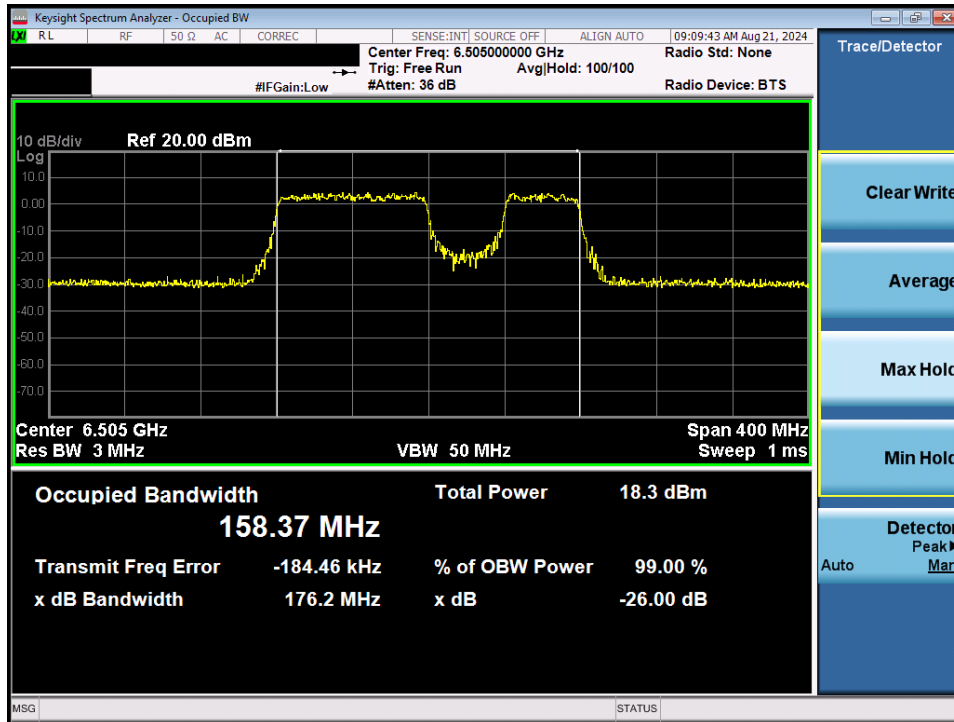


Plot 7-101. Occupied Bandwidth Plot MIMO ANT2 (20MHz BW 802.11be (106+26 Tones) (UNII Band 6) – Ch. 105)

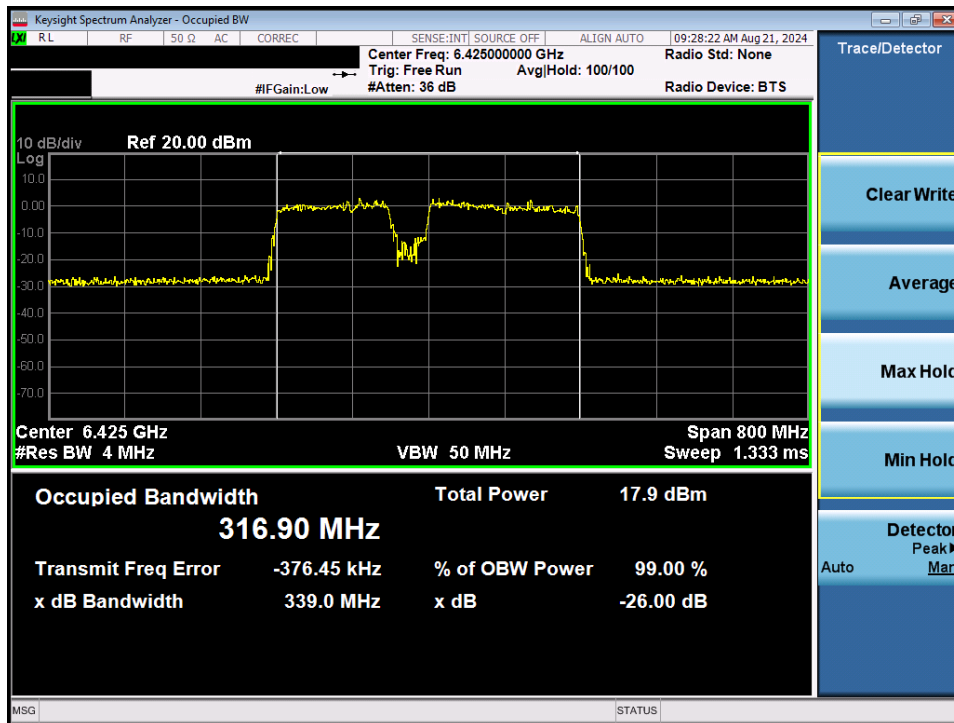


Plot 7-102. Occupied Bandwidth Plot MIMO ANT2 (80MHz BW 802.11be (484+242 Tones) (UNII Band 6) – Ch. 103)

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
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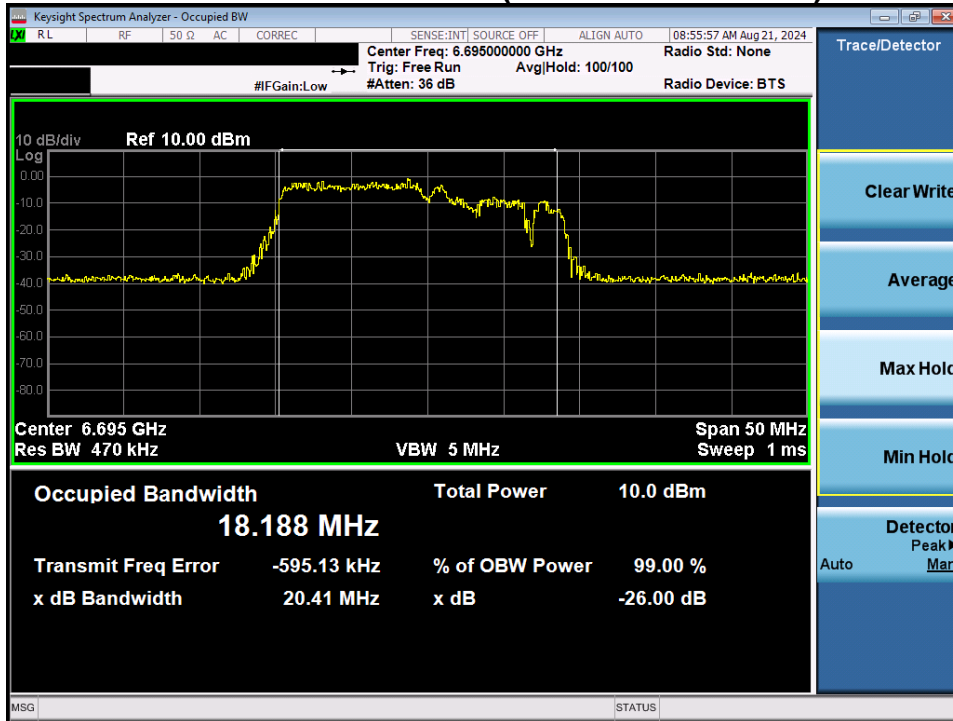
Plot 7-103. Occupied Bandwidth Plot MIMO ANT2 (160MHz BW 802.11be (996+484 Tones) (UNII Band 6) – Ch. 111)



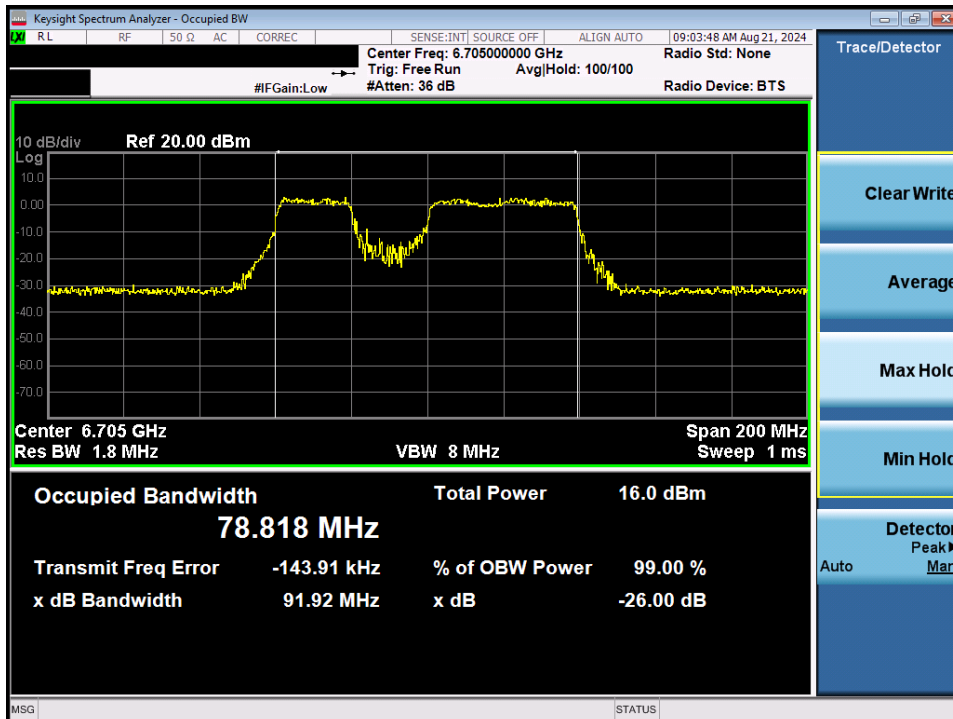
Plot 7-104. Occupied Bandwidth Plot MIMO ANT2 (320MHz BW 802.11be (3*996+484 Tones) (UNII Band 6) – Ch. 95)

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
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MIMO Antenna-2 Bandwidth Measurements - (Partial Tones - MRU)

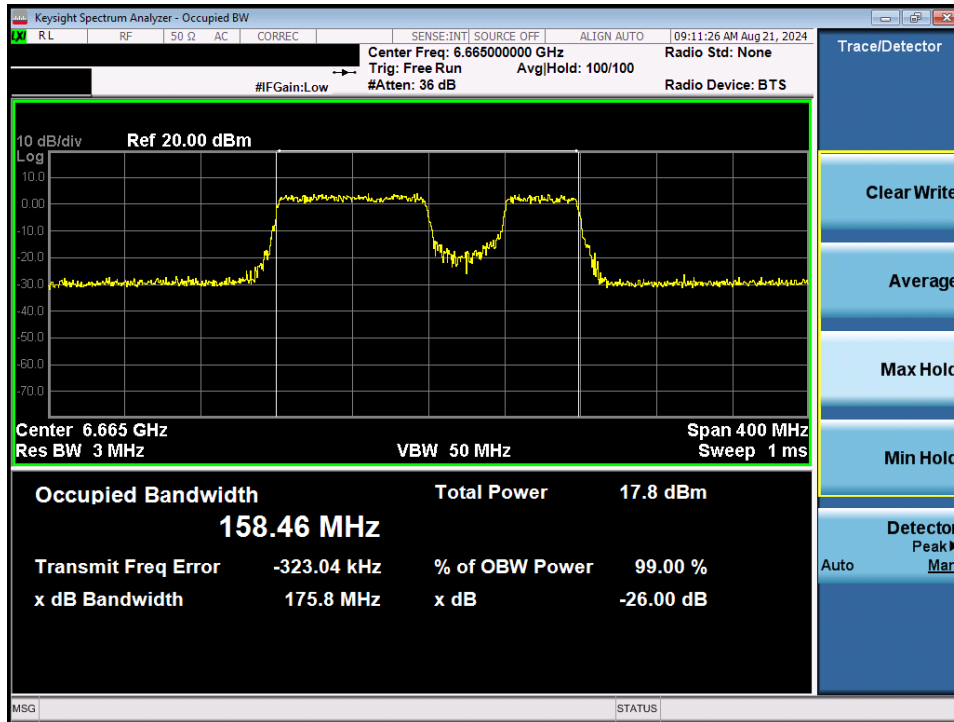


Plot 7-105. Occupied Bandwidth Plot MIMO ANT2 (20MHz BW 802.11be (106+26 Tones) (UNII Band 7) – Ch. 149)

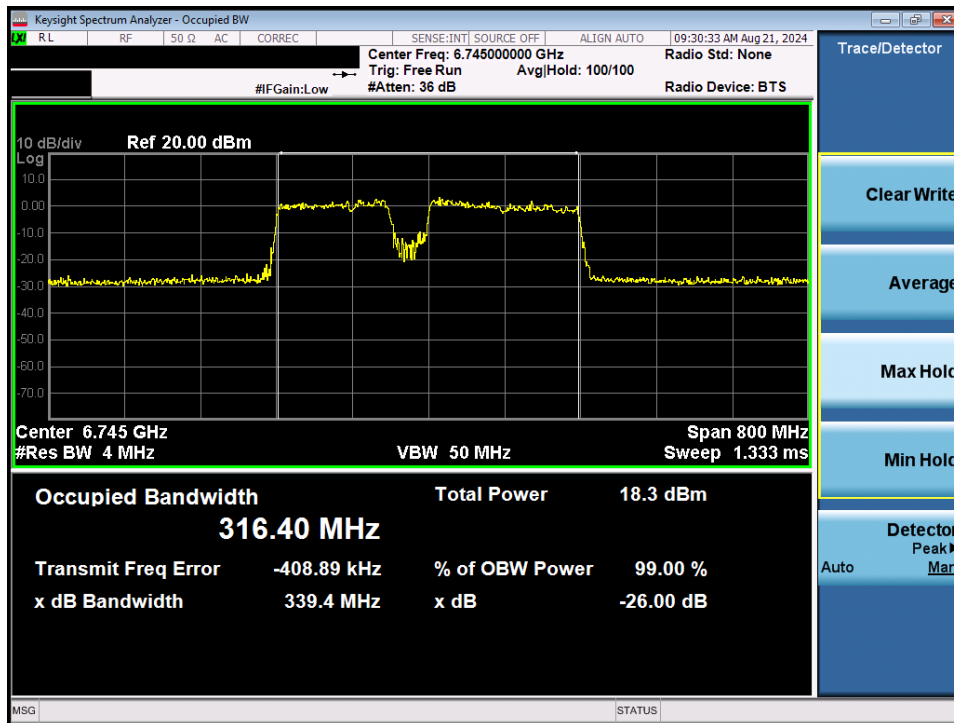


Plot 7-106. Occupied Bandwidth Plot MIMO ANT2 (80MHz BW 802.11be (484+242 Tones) (UNII Band 7) – Ch. 151)

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
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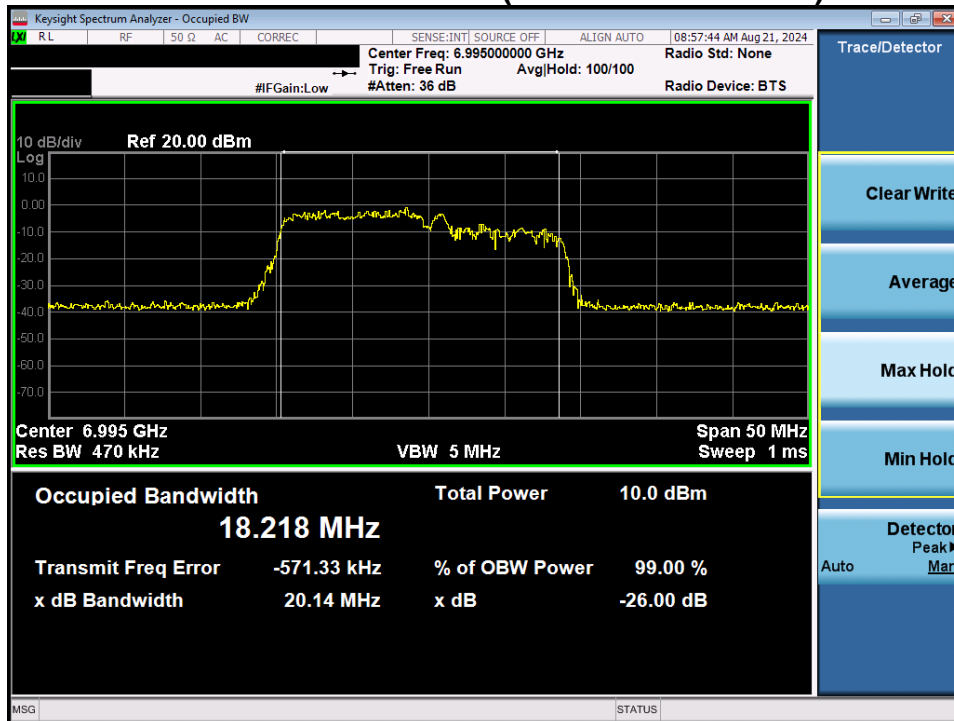
Plot 7-107. Occupied Bandwidth Plot MIMO ANT2 (160MHz BW 802.11be (996+484 Tones) (UNII Band 7) – Ch. 143)



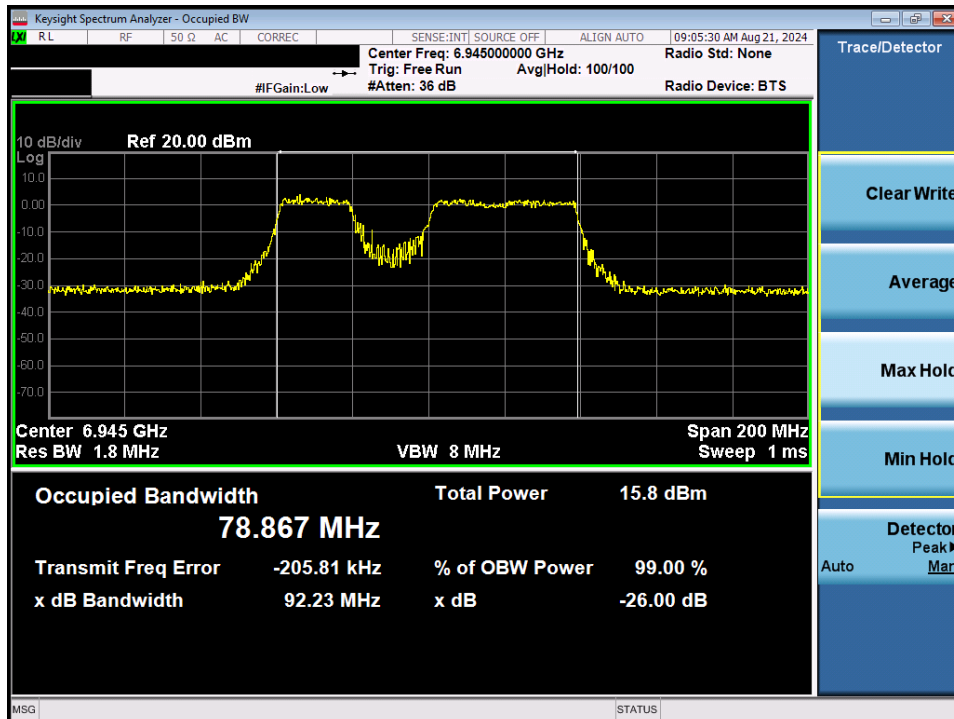
Plot 7-108. Occupied Bandwidth Plot MIMO ANT2 (320MHz BW 802.11be (3*996+484 Tones) (UNII Band 7) – Ch. 159)

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
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MIMO Antenna-2 Bandwidth Measurements - (Partial Tones - MRU)

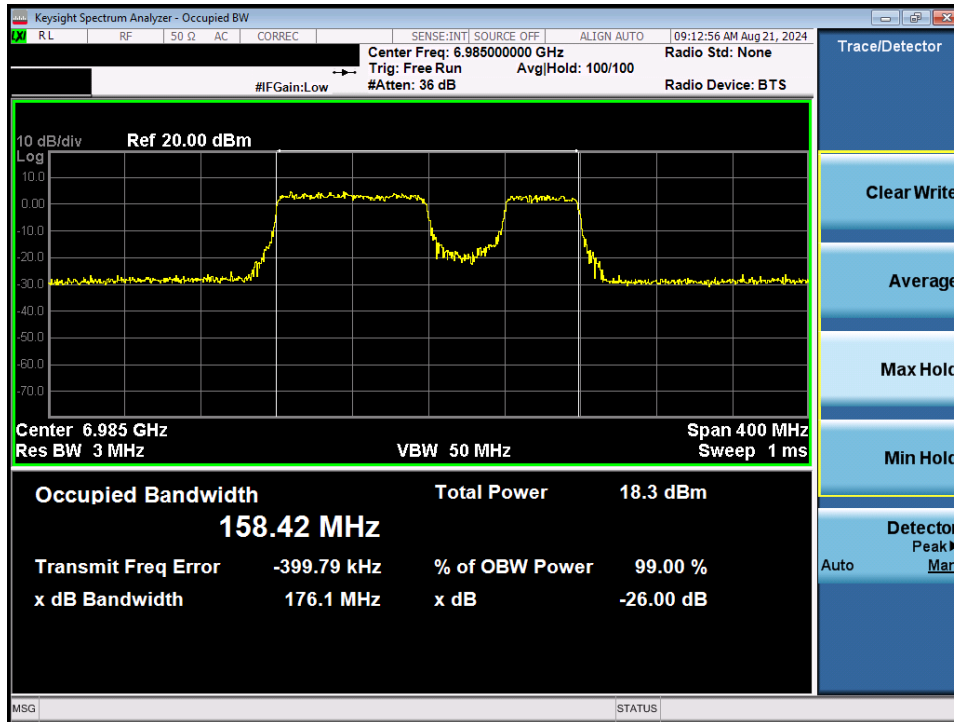


Plot 7-109. Occupied Bandwidth Plot MIMO ANT2 (20MHz BW 802.11be (106+26 Tones) (UNII Band 8) – Ch. 209)

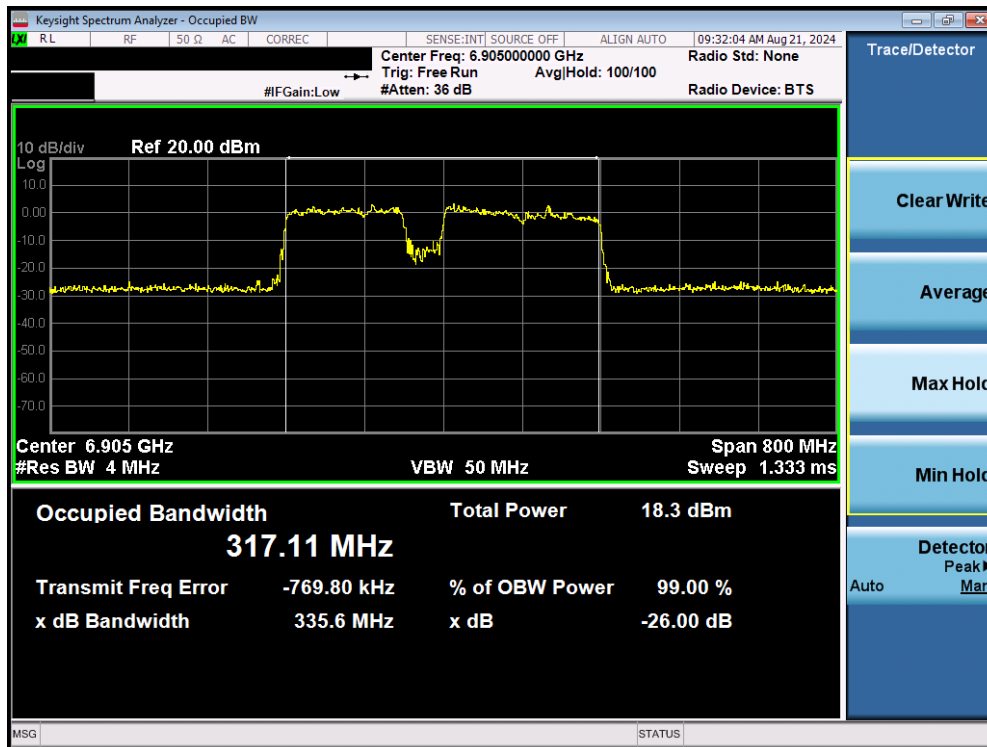


Plot 7-110. Occupied Bandwidth Plot MIMO ANT2 (80MHz BW 802.11be (484+242 Tones) (UNII Band 8) – Ch. 199)

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-111. Occupied Bandwidth Plot MIMO ANT2 (160MHz BW 802.11be (996+484 Tones) (UNII Band 8) – Ch. 207)



Plot 7-112. Occupied Bandwidth Plot MIMO ANT2 (320MHz BW 802.11be (3*996+484 Tones) (UNII Band 8) – Ch. 191)

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 86 of 291

7.3 UNII Output Power Measurement

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 C63.10-2013, and at the appropriate frequencies.

For client devices operating under the control of an indoor access point in the 5.925-7.125 GHz bands, the maximum e.i.r.p. over the frequency band of operation must not exceed 24 dBm. For client devices operating under the control of a standard power access point, the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm and the device must limit its power to no more than 6 dB below its associated standard power access point's authorized transmit power.

Test Procedure Used

ANSI C63.10-2013 – Section 12.3.3.2 Method PM-G
 ANSI C63.10-2013 – Section 14.2 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

Compliance for this device while operating under the control of either an indoor low power access point or a standard power access point is demonstrated by applying the tighter low power indoor access point limit of 24dBm e.i.r.p. for both cases.

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MIMO Maximum Conducted Output Power Measurements (26 Tones)

20MHz BW	Band	Freq [MHz]	Channel	Tones	Average Conducted Power (dBm)									Dir. Ant. Gain [dB]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]
					RU Index												
					0			4			8						
					ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO				
5	5935	2	26T		-3.3	-6.3	-1.54	-3.3	-6.4	-1.57	-3.5	-6.3	-1.67	2.53	1.0	24.0	-23.00
	6175	45	26T		-3.80	-6.10	-1.79	-3.50	-6.10	-1.60	-3.50	-6.30	-1.67	2.53	0.9	24.0	-23.07
	6415	93	26T		-3.60	-6.10	-1.66	-3.80	-6.30	-1.86	-3.60	-6.10	-1.66	2.53	0.9	24.0	-23.13
6	6435	97	26T		-3.80	-6.00	-1.75	-3.60	-5.90	-1.59	-3.60	-6.20	-1.70	2.54	1.0	24.0	-23.05
	6475	105	26T		-3.40	-6.30	-1.60	-3.60	-6.49	-1.80	-3.60	-6.00	-1.63	2.54	0.9	24.0	-23.06
	6515	113	26T		-3.40	-6.20	-1.57	-3.50	-6.40	-1.70	-3.20	-6.40	-1.53	2.54	1.0	24.0	-22.99
7	6535	117	26T		-3.40	-6.20	-1.57	-3.50	-5.90	-1.53	-3.45	-6.30	-1.63	2.31	0.8	24.0	-23.21
	6695	149	26T		-3.40	-6.40	-1.64	-3.70	-5.60	-1.54	-3.30	-6.27	-1.53	2.31	0.8	24.0	-23.21
	6875	185	26T		-3.60	-6.10	-1.66	-3.50	-5.90	-1.53	-3.50	-6.10	-1.60	2.31	0.8	24.0	-23.21
8	6995	189	26T		-3.70	-6.30	-1.80	-3.70	-5.80	-1.61	-3.90	-5.90	-1.78	1.78	0.2	24.0	-23.84
	6995	209	26T		-3.50	-6.18	-1.63	-3.60	-6.40	-1.77	-3.80	-6.20	-1.83	1.78	0.1	24.0	-23.85
	7115	233	26T		-3.56	-6.40	-1.74	-3.55	-6.30	-1.70	-3.42	-6.45	-1.67	1.78	0.1	24.0	-23.89

Table 7-5. MIMO 20MHz BW 802.11ax/be (UNII) Maximum Conducted Output Power – LPI

20MHz BW	Band	Freq [MHz]	Channel	Tones	Average Conducted Power (dBm)									Dir. Ant. Gain [dB]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]
					RU Index												
					0			4			8						
					ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO				
5	5935	2	26T		2.37	2.04	5.22	2.19	1.82	5.02	1.9	2.1	5.02	2.53	7.8	24.0	-16.25
	6175	45	26T		8.78	8.67	11.74	8.77	8.47	11.63	8.48	8.77	11.64	2.53	14.3	24.0	-9.73
	6415	93	26T		8.58	8.07	11.34	8.62	7.50	11.11	8.54	8.52	11.54	2.53	14.1	24.0	-9.93
7	6535	117	26T		8.82	8.84	11.84	8.58	8.71	11.66	8.95	8.89	11.93	2.31	14.2	24.0	-9.76
	6695	149	26T		8.01	7.85	10.94	8.88	8.42	11.67	8.18	8.05	11.13	2.31	14.0	24.0	-10.02

Table 7-6. MIMO 20MHz BW 802.11ax/be (UNII) Maximum Conducted Output Power – SP

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
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MIMO Maximum Conducted Output Power Measurements (52 Tones)

20MHz BW	Band	Freq [MHz]	Channel	Tones	Average Conducted Power (dBm)									Dir. Ant. Gain [dBi]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]	
					RU Index													
					37			39			40							
					ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO					
5	5935	2	52T															
	6175	45	52T	-2.0	-3.6	0.28	-2.1	-3.6	0.22	-2.2	-3.8	0.08	2.53	2.8	24.0	-21.19		
	6415	93	52T	-2.50	-3.60	0.00	-2.50	-3.50	0.04	-2.60	-3.63	-0.07	2.53	2.6	24.0	-21.43		
6	6415	93	52T	-2.70	-3.99	-0.29	-2.70	-3.70	-0.16	-2.40	-3.40	0.14	2.53	2.7	24.0	-21.33		
	6435	97	52T	-2.10	-2.50	0.71	-2.50	-3.40	0.08	-2.40	-3.60	0.05	2.54	3.3	24.0	-20.74		
	6475	105	52T	-2.60	-3.50	-0.02	-2.50	-3.40	0.08	-2.40	-3.70	0.01	2.54	2.6	24.0	-21.37		
7	6515	113	52T	-2.20	-3.70	0.12	-2.10	-3.50	0.27	-2.20	-3.80	0.08	2.54	2.8	24.0	-21.19		
	6535	117	52T	-2.40	-3.60	0.05	-2.30	-3.40	0.20	-2.10	-3.70	0.18	2.31	2.5	24.0	-21.49		
	6695	149	52T	-2.02	-3.50	0.31	-2.10	-3.70	0.18	-2.10	-3.99	0.07	2.31	2.6	24.0	-21.37		
8	6875	185	52T	-2.10	-4.60	-0.16	-2.09	-4.20	-0.01	-2.07	-4.60	-0.14	2.31	2.3	24.0	-21.70		
	6995	189	52T	-2.10	-4.70	-0.20	-2.10	-4.40	-0.09	-2.10	-4.80	-0.23	1.78	1.7	24.0	-22.31		
	7115	233	52T	-2.05	-5.50	-0.43	-2.11	-5.30	-0.41	-2.09	-5.70	-0.52	1.78	1.4	24.0	-22.63		
				-2.03	-5.42	-0.39	-2.09	-6.10	-0.64	-2.08	-5.99	-0.60	1.78	1.4	24.0	-22.62		

Table 7-7. MIMO 20MHz BW 802.11ax/be (UNII) Maximum Conducted Output Power – LPI

20MHz BW	Band	Freq [MHz]	Channel	Tones	Average Conducted Power (dBm)									Dir. Ant. Gain [dBi]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]
					RU Index												
					37			39			40						
					ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO				
5	5935	2	52T														
	6175	45	52T	2.05	1.58	4.83	2.01	1.91	4.97	1.9	2.3	5.13	2.53	7.7	24.0	-16.33	
	6415	93	52T	8.55	8.45	11.51	8.88	8.43	11.67	8.81	8.80	11.82	2.53	14.3	24.0	-9.65	
7	6515	113	52T	8.93	8.27	11.57	8.47	7.80	11.16	8.75	8.61	11.69	2.53	14.2	24.0	-9.78	
	6535	117	52T	8.05	8.44	11.26	8.69	8.79	11.75	8.06	8.57	11.33	2.31	14.1	24.0	-9.94	
	6695	149	52T	8.04	7.87	10.97	8.92	8.26	11.61	8.48	8.21	11.36	2.31	13.9	24.0	-10.08	

Table 7-8. MIMO 20MHz BW 802.11ax/be (UNII) Maximum Conducted Output Power – SP

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
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MIMO Maximum Conducted Output Power Measurements (106 Tones)

20MHz BW	Band	Freq [MHz]	Channel	Tones	Average Conducted Power (dBm)						Dir. Ant. Gain [dBi]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]
					RU Index									
					53			54						
					ANT1	ANT2	MIMO	ANT1	ANT2	MIMO				
6	5935	2	106T	1.0	0.4	3.69	0.9	0.3	3.61	2.53	6.2	24.0	-17.77	
				0.73	0.90	3.83	0.64	0.88	3.77	2.53	6.4	24.0	-17.64	
				0.50	0.62	3.57	0.40	0.57	3.50	2.53	6.1	24.0	-17.90	
	6435	93	106T	0.10	0.16	3.14	0.20	0.19	3.21	2.54	5.7	24.0	-18.25	
				0.40	0.46	3.44	0.50	0.52	3.52	2.54	6.1	24.0	-17.94	
				0.47	0.07	3.28	0.66	0.08	3.39	2.54	5.9	24.0	-18.07	
	6535	113	106T	0.57	0.60	3.60	0.75	0.58	3.68	2.31	6.0	24.0	-18.01	
				0.80	0.13	3.49	0.99	0.19	3.62	2.31	5.9	24.0	-18.07	
				0.90	-0.30	3.35	0.98	-0.29	3.40	2.31	5.7	24.0	-18.29	
	6875	189	106T	0.90	-0.44	3.29	0.98	-0.44	3.34	1.78	5.1	24.0	-18.89	
				0.89	-0.70	3.18	0.98	-0.79	3.19	1.78	5.0	24.0	-19.03	
				-0.97	-0.70	2.18	0.99	-0.90	3.16	1.78	4.9	24.0	-19.07	

Table 7-9. MIMO 20MHz BW 802.11ax/be (UNII) Maximum Conducted Output Power – LPI

20MHz BW	Band	Freq [MHz]	Channel	Tones	Average Conducted Power (dBm)						Dir. Ant. Gain [dBi]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]
					RU Index									
					53			54						
					ANT1	ANT2	MIMO	ANT1	ANT2	MIMO				
5	5935	2	106T	2.08	1.77	4.94	2.19	2.36	5.29	2.53	7.8	24.0	-16.18	
				8.83	8.41	11.64	8.50	8.51	11.52	2.53	14.2	24.0	-9.83	
				8.81	7.87	11.38	8.88	8.29	11.61	2.53	14.1	24.0	-9.86	
7	6535	117	106T	8.12	8.68	11.42	8.37	8.73	11.56	2.31	13.9	24.0	-10.12	
				8.46	8.12	11.30	8.77	8.37	11.58	2.31	13.9	24.0	-10.10	

Table 7-10. MIMO 20MHz BW 802.11ax/be (UNII) Maximum Conducted Output Power – SP

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
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MIMO Maximum Conducted Output Power Measurements (242 Tones)

20MHz BW	Band	Freq [MHz]	Channel	Tones	Average Conducted Power (dBm)			Dir. Ant. Gain [dBi]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]
					RU Index						
					61						
					ANT1	ANT2	MIMO				
5	5935	2	242T	4.4	4.4	7.39	2.53	9.9	24.0	-14.08	
	6175	45	242T	4.49	4.19	7.35	2.53	9.9	24.0	-14.12	
	6415	93	242T	4.48	4.15	7.33	2.53	9.9	24.0	-14.14	
6	6435	97	242T	4.48	3.80	7.16	2.54	9.7	24.0	-14.29	
	6475	105	242T	4.49	3.85	7.19	2.54	9.7	24.0	-14.26	
	6515	113	242T	4.42	3.70	7.09	2.54	9.6	24.0	-14.37	
7	6535	117	242T	4.42	3.62	7.05	2.31	9.4	24.0	-14.64	
	6695	149	242T	4.30	3.40	6.88	2.31	9.2	24.0	-14.80	
	6875	185	242T	4.35	3.30	6.87	2.31	9.2	24.0	-14.82	
8	6895	189	242T	4.39	3.28	6.88	1.78	8.7	24.0	-15.34	
	6995	209	242T	4.48	3.00	6.81	1.78	8.6	24.0	-15.41	
	7115	233	242T	4.49	3.35	6.97	1.78	8.7	24.0	-15.26	

Table 7-11. MIMO 20MHz BW 802.11ax/be (UNII) Maximum Conducted Output Power – LPI

20MHz BW	Band	Freq [MHz]	Channel	Tones	Average Conducted Power (dBm)			Dir. Ant. Gain [dBi]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]
					RU Index						
					61						
					ANT1	ANT2	MIMO				
5	5935	2	242T	2.29	2.17	5.24	2.53	7.8	24.0	-16.23	
	6175	45	242T	8.64	8.26	11.46	2.53	14.0	24.0	-10.00	
	6415	93	242T	8.72	8.00	11.39	2.53	13.9	24.0	-10.08	
7	6535	117	242T	8.12	8.50	11.32	2.31	13.6	24.0	-10.36	
	6695	149	242T	8.49	8.11	11.31	2.31	13.6	24.0	-10.37	

Table 7-12. MIMO 20MHz BW 802.11ax/be (UNII) Maximum Conducted Output Power – SP

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
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MIMO Maximum Conducted Output Power Measurements (484 Tones)

40MHz BW	Band	Freq [MHz]	Channel	Tones	Average Conducted Power (dBm)			Dir. Ant. Gain [dBi]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]
					RU Index						
					65						
					ANT1	ANT2	MIMO				
5	5965	3	484T	7.0	6.4	9.70	2.53	12.2	24.0	-11.77	
	6005	11	484T	7.0	6.4	9.69	2.53	12.2	24.0	-11.78	
	6165	43	484T	6.8	7.0	9.93	2.53	12.5	24.0	-11.54	
	6405	91	484T	6.7	6.9	9.82	2.53	12.4	24.0	-11.65	
6	6445	99	484T	6.4	6.2	9.30	2.54	11.8	24.0	-12.15	
	6485	107	484T	6.6	6.7	9.63	2.54	12.2	24.0	-11.83	
	6525	115	484T	6.9	6.9	9.90	2.54	12.4	24.0	-11.56	
7	6565	123	484T	6.4	6.8	9.59	2.31	11.9	24.0	-12.09	
	6685	147	484T	6.2	6.7	9.44	2.31	11.8	24.0	-12.24	
	6845	179	484T	6.6	6.7	9.65	2.31	12.0	24.0	-12.04	
8	6885	187	484T	6.7	6.4	9.58	1.78	11.4	24.0	-12.64	
	7005	211	484T	6.9	6.4	9.66	1.78	11.4	24.0	-12.57	
	7085	227	484T	6.7	5.8	9.28	1.78	11.1	24.0	-12.94	

Table 7-13. MIMO 40MHz BW 802.11ax/be (UNII) Maximum Conducted Output Power – LPI

40MHz BW	Band	Freq [MHz]	Channel	Tones	Average Conducted Power (dBm)			Dir. Ant. Gain [dBi]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]
					RU Index						
					65						
					ANT1	ANT2	MIMO				
5	5965	3	484T	8.94	7.63	11.34	2.53	13.9	24.0	-10.12	
	6005	11	484T	8.64	8.06	11.37	2.53	13.9	24.0	-10.10	
	6165	43	484T	8.71	7.62	11.21	2.53	13.7	24.0	-10.26	
	6405	91	484T	8.79	7.01	11.00	2.53	13.5	24.0	-10.47	
7	6565	123	484T	8.58	8.85	11.73	2.31	14.0	24.0	-9.96	
	6685	147	484T	8.50	7.38	10.99	2.31	13.3	24.0	-10.70	
	6845	179	484T	8.86	8.12	11.52	2.31	13.8	24.0	-10.17	

Table 7-14. MIMO 40MHz BW 802.11ax/be (UNII) Maximum Conducted Output Power – SP

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
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MIMO Maximum Conducted Output Power Measurements (996 Tones)

80MHz BW	Band	Freq [MHz]	Channel	Tones	Average Conducted Power (dBm)			Dir. Ant. Gain [dBi]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]
					RU Index						
					67						
					ANT1	ANT2	MIMO				
5	5985	7	996T	8.50	8.60	11.56	2.53	14.1	24.0	-9.91	
	6145	39	996T	8.20	8.48	11.35	2.53	13.9	24.0	-10.12	
	6385	87	996T	8.56	8.80	11.69	2.53	14.2	24.0	-9.78	
6	6465	103	996T	8.10	8.42	11.27	2.54	13.8	24.0	-10.18	
	6545	119	996T	8.00	8.70	11.37	2.31	13.7	24.0	-10.31	
7	6705	151	996T	8.70	8.90	11.81	2.31	14.1	24.0	-9.88	
	6865	183	996T	8.10	8.65	11.39	2.31	13.7	24.0	-10.29	
	6945	199	996T	8.99	8.86	11.94	1.78	13.7	24.0	-10.29	
8	7025	215	996T	8.70	8.50	11.61	1.78	13.4	24.0	-10.61	

Table 7-15. MIMO 80MHz BW 802.11ax/be (UNII) Maximum Conducted Output Power – LPI/SP

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
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MIMO Maximum Conducted Output Power Measurements (2x996 Tones)

160MHz BW	Band	Freq [MHz]	Channel	Tones	Average Conducted Power (dBm)			Dir. Ant. Gain [dBi]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]
					RU Index						
					68						
					ANT1	ANT2	MIMO				
5	6025	15	2x996T	8.00	8.23	11.13	2.53	13.7	24.0	-10.34	
	6185	47	2x996T	8.00	8.50	11.27	2.53	13.8	24.0	-10.20	
	6345	79	2x996T	8.18	8.60	11.41	2.53	13.9	24.0	-10.06	
6	6505	111	2x996T	8.00	8.39	11.21	2.54	13.8	24.0	-10.25	
	6665	143	2x996T	8.33	8.90	11.63	2.31	13.9	24.0	-10.05	
7	6825	175	2x996T	8.50	8.30	11.41	2.31	13.7	24.0	-10.28	
	6985	207	2x996T	8.79	8.56	11.69	1.78	13.5	24.0	-10.54	

Table 7-16. MIMO 160MHz BW 802.11ax/be (UNII) Maximum Conducted Output Power – LPI/SP

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
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MIMO Maximum Conducted Output Power Measurements (4x996 Tones)

320MHz BW	Band	Freq [MHz]	Channel	Tones	Average Conducted Power (dBm)			Dir. Ant. Gain [dB]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]
					RU Index						
					69						
					ANT1	ANT2	MIMO				
5	6105	31	4x996T	8.23	8.32	11.29	2.53	13.8	24.0	-10.18	
	6265	63	4x996T	8.35	8.57	11.47	2.53	14.0	24.0	-10.00	
6	6425	95	4x996T	8.41	8.76	11.60	2.54	14.1	24.0	-9.86	
	6585	127	4x996T	7.85	8.80	11.36	2.31	13.7	24.0	-10.33	
7	6745	159	4x996T	7.90	8.45	11.19	2.31	13.5	24.0	-10.49	
	6905	191	4x996T	8.65	8.73	11.70	1.78	13.5	24.0	-10.52	

Table 7-17. MIMO 320MHz BW 802.11be (UNII) Maximum Conducted Output Power – LPI/SP

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
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MIMO Maximum Conducted Output Power Measurements (MRU)

20MHz BW	Band	Freq [MHz]	Channel	Tones	Average Conducted Power (dBm)			Dir. Ant. Gain [dBi]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]
					MRU Index						
					71						
5	6175	45	52+26T	-2.01	-3.70	0.24	2.53	2.8	24.0	-21.23	
6	6475	105	52+26T	-2.50	-3.46	0.06	2.54	2.6	24.0	-21.40	
7	6695	149	52+26T	-2.20	-3.60	0.17	2.31	2.5	24.0	-21.52	
8	6995	209	52+26T	-2.06	-4.60	-0.14	1.78	1.6	24.0	-22.36	

Table 7-18. MIMO 20MHz BW 802.11be (UNII) Maximum Conducted Output Power (52+26T) – LPI

20MHz BW	Band	Freq [MHz]	Channel	Tones	Average Conducted Power (dBm)						Dir. Ant. Gain [dBi]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]
					MRU Index									
					82		83		MIMO					
5	6175	45	106+26T	0.99	0.15	3.60	0.92	0.20	3.59	2.53	6.1	24.0	-17.87	
6	6475	105	106+26T	-0.20	0.50	3.17	-0.10	0.45	3.19	2.54	5.7	24.0	-18.26	
7	6695	149	106+26T	0.50	0.60	3.56	0.70	0.58	3.65	2.31	6.0	24.0	-18.04	
8	6995	209	106+26T	0.90	0.20	3.57	0.92	0.25	3.61	1.78	5.4	24.0	-18.62	

Table 7-19. MIMO 20MHz BW 802.11be (UNII) Maximum Conducted Output Power (106+26T) – LPI

20MHz BW	Band	Freq [MHz]	Channel	Tones	Average Conducted Power (dBm)									Dir. Ant. Gain [dBi]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]
					MRU Index												
					70			71			72						
5	6175	45	52+26T	8.90	8.96	11.94	8.90	8.99	11.96	8.70	8.90	11.81	2.53	14.5	24.0	-9.51	
7	6695	149	52+26T	8.30	8.99	11.67	8.10	8.60	11.37	8.30	8.70	11.51	2.31	14.0	24.0	-10.02	

Table 7-20. MIMO 20MHz BW 802.11be (UNII) Maximum Conducted Output Power (52+26T) – SP

20MHz BW	Band	Freq [MHz]	Channel	Tones	Average Conducted Power (dBm)						Dir. Ant. Gain [dBi]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]
					MRU Index									
					82		83		MIMO					
5	6175	45	106+26T	8.80	8.87	11.85	8.70	8.00	11.37	2.53	14.4	24.0	-9.62	
7	6695	149	106+26T	8.38	8.92	11.67	8.20	8.56	11.39	2.31	14.0	24.0	-10.02	

Table 7-21. MIMO 20MHz BW 802.11be (UNII) Maximum Conducted Output Power (106+26T) – SP

80MHz BW	Band	Freq [MHz]	Channel	Tones	Average Conducted Power (dBm)									Dir. Ant. Gain [dBi]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]
					MRU Index												
					91			90			92						
5	5985	7	242+484T	6.9	6.3	9.60	6.9	6.4	9.65	6.9	6.3	9.60	2.53	12.2	24.0	-11.82	
	6145	39	242+484T	6.6	7.0	9.82	6.8	7.0	9.89	6.6	7.0	9.83	2.53	12.4	24.0	-11.58	
6	6385	87	242+484T	6.7	7.0	9.82	6.7	7.0	9.86	6.7	7.0	9.85	2.53	12.4	24.0	-11.61	
	6465	103	242+484T	6.8	6.9	9.86	6.9	7.0	9.96	6.8	6.9	9.87	2.54	12.5	24.0	-11.50	
7	6545	119	242+484T	6.7	6.7	9.68	6.8	6.7	9.75	6.6	6.7	9.68	2.31	12.1	24.0	-11.94	
	6705	151	242+484T	6.9	6.9	9.92	6.3	6.6	9.46	6.1	6.6	9.37	2.31	12.2	24.0	-11.77	
8	6865	183	242+484T	6.9	6.9	9.93	6.6	6.5	9.56	6.5	6.5	9.53	2.31	12.2	24.0	-11.76	
	6945	199	242+484T	6.9	6.4	9.64	6.9	6.4	9.67	6.8	6.4	9.61	1.78	11.4	24.0	-12.56	
	7025	215	242+484T	6.6	6.3	9.46	6.8	6.4	9.61	6.7	6.4	9.56	1.78	11.4	24.0	-12.61	

Table 7-22. MIMO 80MHz BW 802.11be (UNII) Maximum Conducted Output Power (484+242T) – LPI

80MHz BW	Band	Freq [MHz]	Channel	Tones	Average Conducted Power (dBm)									Dir. Ant. Gain [dBi]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]
					MRU Index												
					90			91			92						
5	5985	7	242+484T	8.4	8.7	11.56	8.4	8.6	11.53	8.7	11.51	2.53	14.1	24.0	-9.91		
	6145	39	242+484T	8.5	8.7	11.59	8.4	8.6	11.50	8.3	8.6	11.46	2.53	14.1	24.0	-9.88	
7	6385	87	242+484T	8.6	8.4	11.52	8.4	8.4	11.43	8.5	8.4	11.47	2.53	14.0	24.0	-9.95	
	6705	151	242+484T	8.2	8.6	11.43	8.1	8.6	11.37	8.0	8.7	11.37	2.31	13.7	24.0	-10.25	

Table 7-23. MIMO 80MHz BW 802.11be (UNII) Maximum Conducted Output Power (484+242T) – SP

160MHz BW	Band	Freq [MHz]	Channel	Tones	Average Conducted Power (dBm)									Dir. Ant. Gain [dBi]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]
					MRU Index												
					094			095			1095						
5	6025	15	996+484T	8.65	8.99	11.83	8.40	8.73	11.58	8.60	8.90	11.76	2.53	14.4	24.0	-9.63	
	6185	47	996+484T	8.30	8.60	11.57	8.00	8.50	11.27	8.30	8.80	11.57	2.53	14.1	24.0	-9.90	
6	6345	79	996+484T	8.20	8.80	11.52	8.00	8.60	11.32	8.34	8.90	11.64	2.53	14.2	24.0	-9.83	
	6505	111	996+484T	8.65	8.80	11.74	8.40	8.60	11.51	8.69	8.99	11.85	2.54	14.4	24.0	-9.60	
7	6665	143	996+484T	8.46	8.90	11.70	8.16	8.60	11.40	8.35	8.99	11.69	2.31	14.0	24.0	-9.99	
	6825	175	996+484T	8.30	8.20	11.26	8.00	8.00	11.01	8.40	8.40	11.41	2.31	13.7	24.0	-10.28	
8	6985	207	996+484T	8.77	8.69	11.74	8.40	8.45	11.44	8.60	8.70	11.76	1.78	13.5	24.0	-10.46	

Table 7-24. MIMO 160MHz BW 802.11be (UNII) Maximum Conducted Output Power (996+484T) – LPI/SP

320MHz BW	Band	Freq [MHz]	Channel	Tones	Average Conducted Power (dBm)									Dir. Ant. Gain [dBi]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]
					MRU Index												
					00105			01106			11106						
5	6105	31	3x996+484T	8.00	8.50	11.27	8.30	8.70	11.51	7.98	8.55	11.28	2.53	14.0	24.0	-9.95	
	6265	63	3x996+484T	8.00	8.50	11.27	8.40	8.90	11.67	8.00	8.50	11.27	2.53	14.2	24.0	-9.80	
6	6425	95	3x996+484T	8.27	8.68	11.49	8.00	8.40	11.21	8.30	8.70	11.51	2.54	14.1	24.0	-9.94	
	6585	127	3x996+484T	8.40	8.90	11.67	8.20	8.70	11.47	8.40	8.99	11.72	2.31	14.0	24.0	-9.97	
7	6745	159	3x996+484T	8.00	8.70	11.37	8.30	8.90	11.62	8.10	8.80	11.47	2.31	13.9	24.0	-10.07	
	6905	191	3x996+484T	8.50	8.50	11.51	8.30	8.10	11.21	8.60	8.50	11.56	1.78	13.3	24.0	-10.66	

Table 7-25. MIMO 320MHz BW 802.11be (UNII) Maximum Conducted Output Power (3x996+484T) – LPI/SP

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320MHz BW	Band	Freq [MHz]	Channel	Tones	Average Conducted Power (dBm)									Dir. Ant. Gain [dBi]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]
					MRU Index												
					00104			01104			11104						
					ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO				
5	6105	31	3x996T	8.00	8.60	11.32	8.30	8.70	11.51	8.20	8.60	11.41	2.53	14.0	24.0	-9.95	
	6265	63	3x996T	8.10	8.60	11.37	8.40	8.90	11.67	8.24	8.70	11.49	2.53	14.2	24.0	-9.80	
6	6425	95	3x996T	8.33	8.77	11.57	8.00	8.34	11.18	8.50	8.90	11.71	2.54	14.3	24.0	-9.74	
	6585	127	3x996T	8.60	8.99	11.81	8.30	8.70	11.51	7.95	8.70	11.36	2.31	14.1	24.0	-9.88	
7	6745	159	3x996T	8.30	8.80	11.57	8.30	8.80	11.57	8.26	8.90	11.60	2.31	13.9	24.0	-10.09	
	6905	191	3x996T	8.00	8.10	11.06	8.30	8.20	11.26	8.80	8.60	11.71	1.78	13.5	24.0	-10.51	

Table 7-26. MIMO 320MHz BW 802.11be (UNII) Maximum Conducted Output Power (3x996T) – LPI/SP

320MHz BW	Band	Freq [MHz]	Channel	Tones	Average Conducted Power (dBm)									Dir. Ant. Gain [dBi]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]
					MRU Index												
					00100			01100			11103						
					ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO				
5	6105	31	2x996+484T	8.40	8.90	11.67	8.30	8.80	11.57	8.30	8.90	11.62	2.53	14.2	24.0	-9.80	
	6265	63	2x996+484T	8.00	8.47	11.25	7.95	8.30	11.14	8.00	8.40	11.21	2.53	13.8	24.0	-10.22	
6	6425	95	2x996+484T	8.20	8.60	11.41	8.19	8.50	11.36	8.15	8.52	11.35	2.54	14.0	24.0	-10.04	
	6585	127	2x996+484T	8.20	8.99	11.62	8.00	8.97	11.52	8.30	8.90	11.62	2.31	13.9	24.0	-10.06	
7	6745	159	2x996+484T	8.20	8.80	11.52	8.00	8.70	11.37	8.10	8.60	11.37	2.31	13.8	24.0	-10.17	
	6905	191	2x996+484T	8.40	8.45	11.44	8.44	8.30	11.38	8.40	8.40	11.41	1.78	13.2	24.0	-10.79	

Table 7-27. MIMO 320MHz BW 802.11be (UNII) Maximum Conducted Output Power (2x996+484T) – LPI/SP

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Sample MIMO Calculation:

At 5935MHz in 802.11ax (20MHz BW – 26 Tones) mode, the average conducted output power was measured to be -3.30 dBm for Antenna-1 and -6.30 dBm for Antenna-2.

$$\text{Antenna 1} + \text{Antenna 2} = \text{MIMO}$$

$$(-3.30 \text{ dBm} + -6.30 \text{ dBm}) = (0.468 \text{ mW} + 0.234 \text{ mW}) = 0.702 \text{ mW} = -1.54 \text{ dBm}$$

Sample Directional Gain Calculation:

Per ANSI C63.10-2013 Section 14.4.3, the directional gain is calculated using the following formula, where GN is the gain of the nth antenna and NANT, the total number of antennas used.

$$\text{Directional gain} = 10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{\text{ANT}}] \text{ dBi}$$

Sample e.i.r.p. Calculation:

At 5935MHz in 802.11ax (20MHz BW – 26 Tones) mode, the average MIMO conducted power was calculated to be -1.54 dBm with directional gain of 2.53 dBi.

$$\text{e.i.r.p. (dBm)} = \text{Conducted Power (dBm)} + \text{Ant gain (dBi)}$$

$$-1.54 \text{ dBm} + 2.53 \text{ dBi} = -0.01 \text{ dBm}$$

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7.4 Maximum Power Spectral Density

Test Overview and Limit

The spectrum analyzer was connected to the antenna terminal while the EUT was operating at its maximum duty cycle, at its maximum power control level, as defined in ANSI C63.10-2013, and at the appropriate frequencies. Method SA-1, as defined in ANSI C63.10-2013, was used to measure the power spectral density.

In the 5.925-7.125 GHz bands, the maximum power spectral density must not exceed -1 dBm e.i.r.p. in any 1-megahertz band. For client devices, except for fixed client devices as defined in this subpart, operating under the control of a standard power access point in 5.925-6.425 GHz and 6.525-6.875 GHz bands, the maximum power spectral density must not exceed 17 dBm/MHz e.i.r.p.

Test Procedure Used

ANSI C63.10-2013 – Section 12.3.2.2

ANSI C63.10-2013 – Section 14.3.2.2 Measure-and-Sum Technique

Test Settings

1. Analyzer was set to the center frequency of the UNII channel under investigation
2. Span was set to encompass the entire emission bandwidth of the signal
3. RBW = 1MHz
4. VBW = 3MHz
5. Number of sweep points $\geq 2 \times (\text{span}/\text{RBW})$
6. Sweep time = auto
7. Detector = power averaging (RMS)
8. Trigger was set to free run for all modes
9. Trace was averaged over 100 sweeps
10. The peak search function of the spectrum analyzer was used to find the peak of the spectrum.

Test Setup

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



Figure 7-3. Test Instrument & Measurement Setup

Test Notes

None

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 99 of 291



MIMO Power Spectral Density Measurements

	Frequency [MHz]	Channel	802.11 MODE	Antenna-1 Power Density [dBm]	Antenna-2 Power Density [dBm]	Antenna-1 Gain [dBi]	Antenna-2 Gain [dBi]	Summed MIMO Power Density [dBm]	Directional Gain [dBi]	EIRP [dBm]	Max EIRP [dBm]	Margin [dB]
Band 5	5935	2	be (20MHz)	-6.66	-7.20	-0.15	-0.82	-3.91	2.53	-1.38	-1	-0.38
	6175	45	be (20MHz)	-7.14	-6.57	-0.15	-0.82	-3.83	2.53	-1.30	-1	-0.30
	6415	93	be (20MHz)	-7.15	-6.51	-0.15	-0.82	-3.81	2.53	-1.27	-1	-0.27
	5965	3	be (40MHz)	-6.48	-7.31	-0.15	-0.82	-3.86	2.53	-1.33	-1	-0.33
	6165	43	be (40MHz)	-6.85	-6.86	-0.15	-0.82	-3.84	2.53	-1.31	-1	-0.31
	6405	91	be (40MHz)	-6.37	-8.61	-0.15	-0.82	-4.34	2.53	-1.80	-1	-0.80
	5985	7	be (80MHz)	-6.03	-7.18	-0.15	-0.82	-3.56	2.53	-1.03	-1	-0.03
	6145	39	be (80MHz)	-7.49	-6.30	-0.15	-0.82	-3.85	2.53	-1.31	-1	-0.31
	6385	87	be (80MHz)	-7.91	-6.83	-0.15	-0.82	-4.32	2.53	-1.79	-1	-0.79
	6025	15	be (160MHz)	-6.67	-7.19	-0.15	-0.82	-3.91	2.53	-1.38	-1	-0.38
	6185	47	be (160MHz)	-7.59	-6.96	-0.15	-0.82	-4.25	2.53	-1.72	-1	-0.72
	6345	79	be (160MHz)	-7.61	-6.74	-0.15	-0.82	-4.14	2.53	-1.61	-1	-0.61
6105	31	be (320MHz)	-7.23	-6.13	-0.15	-0.82	-3.64	2.53	-1.11	-1	-0.11	
6265	63	be (320MHz)	-6.82	-7.32	-0.15	-0.82	-4.05	2.53	-1.52	-1	-0.52	
Band 6	6435	97	be (20MHz)	-6.91	-6.82	-0.09	-0.86	-3.85	2.54	-1.31	-1	-0.31
	6475	105	be (20MHz)	-7.19	-6.95	-0.09	-0.86	-4.06	2.54	-1.51	-1	-0.51
	6515	113	be (20MHz)	-7.06	-6.99	-0.09	-0.86	-4.01	2.54	-1.47	-1	-0.47
	6445	99	be (40MHz)	-7.25	-7.68	-0.09	-0.86	-4.45	2.54	-1.90	-1	-0.90
	6485	107	be (40MHz)	-7.22	-7.67	-0.09	-0.86	-4.43	2.54	-1.88	-1	-0.88
	6525	115	be (40MHz)	-6.82	-7.32	-0.09	-0.86	-4.05	2.54	-1.51	-1	-0.51
	6465	103	be (80MHz)	-7.54	-6.58	-0.09	-0.86	-4.02	2.54	-1.48	-1	-0.48
6505	111	be (160MHz)	-7.60	-6.81	-0.09	-0.86	-4.18	2.54	-1.63	-1	-0.63	
Band 5/6/7	6425	95	be (320MHz)	-6.91	-6.77	-0.09	-0.86	-3.83	2.54	-1.28	-1	-0.28
Band 7	6695	117	be (20MHz)	-6.50	-6.46	-0.53	-0.87	-3.47	2.31	-1.16	-1	-0.16
	6695	149	be (20MHz)	-7.47	-6.79	-0.53	-0.87	-4.11	2.31	-1.80	-1	-0.80
	6875	185	be (20MHz)	-6.90	-6.42	-0.53	-0.87	-3.64	2.31	-1.33	-1	-0.33
	6565	123	be (40MHz)	-6.96	-7.69	-0.53	-0.87	-4.30	2.31	-1.99	-1	-0.99
	6725	155	be (40MHz)	-8.02	-7.62	-0.53	-0.87	-4.81	2.31	-2.49	-1	-1.49
	6845	179	be (40MHz)	-8.12	-6.69	-0.53	-0.87	-4.34	2.31	-2.02	-1	-1.02
	6545	119	be (80MHz)	-7.12	-6.47	-0.53	-0.87	-3.77	2.31	-1.46	-1	-0.46
	6705	151	be (80MHz)	-9.01	-6.41	-0.53	-0.87	-4.50	2.31	-2.19	-1	-1.19
	6865	183	be (80MHz)	-9.09	-5.95	-0.53	-0.87	-4.23	2.31	-1.92	-1	-0.92
	6665	143	be (160MHz)	-9.50	-7.09	-0.53	-0.87	-5.12	2.31	-2.81	-1	-1.81
6825	175	be (160MHz)	-8.31	-6.78	-0.53	-0.87	-4.47	2.31	-2.15	-1	-1.15	
Band 6/7	6585	127	be (320MHz)	-8.96	-5.97	-0.53	-0.87	-4.20	2.31	-1.89	-1	-0.89
Band 7/8	6745	159	be (320MHz)	-7.36	-5.82	-0.53	-0.87	-3.51	2.31	-1.20	-1	-0.20
Band 8	6895	189	be (20MHz)	-7.12	-6.71	-1.18	-1.29	-3.90	1.78	-2.13	-1	-1.13
	6995	209	be (20MHz)	-6.91	-7.30	-1.18	-1.29	-4.09	1.78	-2.32	-1	-1.32
	7115	233	be (20MHz)	-7.29	-7.72	-1.18	-1.29	-4.49	1.78	-2.71	-1	-1.71
	6885	187	be (40MHz)	-8.37	-6.80	-1.18	-1.29	-4.50	1.78	-2.73	-1	-1.73
	6965	211	be (40MHz)	-7.46	-7.71	-1.18	-1.29	-4.57	1.78	-2.80	-1	-1.80
	7085	227	be (40MHz)	-7.24	-6.61	-1.18	-1.29	-3.90	1.78	-2.13	-1	-1.13
	6945	199	be (80MHz)	-8.26	-5.80	-1.18	-1.29	-3.85	1.78	-2.08	-1	-1.08
	7025	215	be (80MHz)	-7.57	-6.72	-1.18	-1.29	-4.11	1.78	-2.34	-1	-1.34
6985	207	be (160MHz)	-8.03	-7.23	-1.18	-1.29	-4.60	1.78	-2.82	-1	-1.82	
Band 7/8	6985	191	be (320MHz)	-7.49	-6.75	-1.18	-1.29	-4.10	1.78	-2.32	-1	-1.32

Table 7-28. MIMO e.i.r.p. Conducted Power Spectral Density Measurements (26 Tones) LPI/SP

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 100 of 291

	Frequency [MHz]	Channel	802.11 MODE	Antenna-1 Power Density [dBm]	Antenna-2 Power Density [dBm]	Antenna-1 Gain [dBi]	Antenna-2 Gain [dBi]	Summed MIMO Power Density [dBm]	Directional Gain [dBi]	EIRP [dBm]	Max EIRP [dBm]	Margin [dB]
Band 5	5935	2	be (20MHz)	0.08	-0.74	-0.15	-0.82	2.70	2.53	5.23	17	-11.77
	6175	45	be (20MHz)	6.65	6.03	-0.15	-0.82	9.36	2.53	11.89	17	-5.11
	6415	93	be (20MHz)	6.99	5.89	-0.15	-0.82	9.48	2.53	12.01	17	-4.99
	5965	3	be (40MHz)	8.37	8.04	-0.15	-0.82	11.22	2.53	13.75	17	-3.25
	6165	43	be (40MHz)	7.27	7.07	-0.15	-0.82	10.18	2.53	12.71	17	-4.29
	6405	91	be (40MHz)	7.87	6.60	-0.15	-0.82	10.29	2.53	12.82	17	-4.18
	5985	7	be (80MHz)	7.77	7.61	-0.15	-0.82	10.70	2.53	13.23	17	-3.77
	6145	39	be (80MHz)	6.64	6.57	-0.15	-0.82	9.62	2.53	12.15	17	-4.85
	6385	87	be (80MHz)	7.67	6.19	-0.15	-0.82	10.00	2.53	12.53	17	-4.47
	6025	15	be (160MHz)	7.07	6.84	-0.15	-0.82	9.96	2.53	12.50	17	-4.50
	6185	47	be (160MHz)	7.02	6.39	-0.15	-0.82	9.73	2.53	12.26	17	-4.74
	6345	79	be (160MHz)	7.68	6.54	-0.15	-0.82	10.16	2.53	12.69	17	-4.31
	6105	31	be (320MHz)	7.97	7.18	-0.15	-0.82	10.60	2.53	13.13	17	-3.87
6265	63	be (320MHz)	7.31	6.65	-0.15	-0.82	10.00	2.53	12.53	17	-4.47	
Band 7	6695	117	be (20MHz)	7.10	7.18	-0.53	-0.87	10.15	2.31	12.46	17	-4.54
	6695	149	be (20MHz)	7.19	7.41	-0.53	-0.87	10.31	2.31	12.62	17	-4.38
	6875	185	be (20MHz)	7.18	7.49	-0.53	-0.87	10.34	2.31	12.66	17	-4.34
	6565	123	be (40MHz)	8.37	6.47	-0.53	-0.87	10.54	2.31	12.85	17	-4.15
	6725	155	be (40MHz)	7.97	6.60	-0.53	-0.87	10.35	2.31	12.66	17	-4.34
	6845	179	be (40MHz)	8.03	6.59	-0.53	-0.87	10.38	2.31	12.69	17	-4.31
	6545	119	be (80MHz)	7.87	6.24	-0.53	-0.87	10.14	2.31	12.46	17	-4.54
	6705	151	be (80MHz)	7.39	6.81	-0.53	-0.87	10.12	2.31	12.43	17	-4.57
	6865	183	be (80MHz)	7.37	6.67	-0.53	-0.87	10.04	2.31	12.36	17	-4.64
	6665	143	be (160MHz)	7.22	6.34	-0.53	-0.87	9.82	2.31	12.13	17	-4.87
6825	175	be (160MHz)	6.95	6.49	-0.53	-0.87	9.74	2.31	12.05	17	-4.95	
Band 6/7	6585	127	be (320MHz)	7.17	6.63	-0.53	-0.87	9.92	2.31	12.23	17	-4.77
Band 7/8	6745	159	be (320MHz)	6.91	6.90	-0.53	-0.87	9.91	2.31	12.23	17	-4.77

Table 7-29. MIMO e.i.r.p. Conducted Power Spectral Density Measurements (26 Tones) SP

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 101 of 291

	Frequency [MHz]	Channel	802.11 MODE	Antenna-1 Power Density [dBm]	Antenna-2 Power Density [dBm]	Antenna-1 Gain [dBi]	Antenna-2 Gain [dBi]	Summed MIMO Power Density [dBm]	Directional Gain [dBi]	DCCF	EIRP [dBm]	Max EIRP [dBm]	Margin [dB]
Band 5	5935	2	be (20MHz)	-7.06	-6.31	-0.15	-0.82	-3.66	2.53	0.00	-1.13	-1	-0.13
	6175	45	be (20MHz)	-7.35	-6.85	-0.15	-0.82	-4.08	2.53	0.00	-1.55	-1	-0.55
	6415	93	be (20MHz)	-7.38	-6.79	-0.15	-0.82	-4.06	2.53	0.00	-1.53	-1	-0.53
	5965	3	be (40MHz)	-6.97	-6.83	-0.15	-0.82	-3.88	2.53	0.12	-1.23	-1	-0.23
	6165	43	be (40MHz)	-6.97	-7.41	-0.15	-0.82	-4.17	2.53	0.12	-1.52	-1	-0.52
	6405	91	be (40MHz)	-7.23	-7.89	-0.15	-0.82	-4.54	2.53	0.12	-1.89	-1	-0.89
	5985	7	be (80MHz)	-6.71	-7.00	-0.15	-0.82	-3.84	2.53	0.11	-1.20	-1	-0.20
	6145	39	be (80MHz)	-7.85	-7.89	-0.15	-0.82	-4.86	2.53	0.11	-2.22	-1	-1.22
	6385	87	be (80MHz)	-7.51	-9.07	-0.15	-0.82	-5.21	2.53	0.11	-2.57	-1	-1.57
	6025	15	be (160MHz)	-10.72	-11.27	-0.15	-0.82	-7.98	2.53	0.11	-5.33	-1	-4.33
	6185	47	be (160MHz)	-11.15	-11.77	-0.15	-0.82	-8.44	2.53	0.11	-5.80	-1	-4.80
	6345	79	be (160MHz)	-10.39	-11.67	-0.15	-0.82	-7.97	2.53	0.11	-5.33	-1	-4.33
6105	31	be (320MHz)	-9.05	-10.66	-0.15	-0.82	-6.77	2.53	0.09	-4.15	-1	-3.15	
6265	63	be (320MHz)	-9.91	-10.90	-0.15	-0.82	-7.37	2.53	0.09	-4.75	-1	-3.75	
Band 6	6435	97	be (20MHz)	-6.92	-6.88	-0.09	-0.86	-3.89	2.54	0.00	-1.34	-1	-0.34
	6475	105	be (20MHz)	-7.02	-6.87	-0.09	-0.86	-3.94	2.54	0.00	-1.39	-1	-0.39
	6515	113	be (20MHz)	-6.94	-6.41	-0.09	-0.86	-3.66	2.54	0.00	-1.11	-1	-0.11
	6445	99	be (40MHz)	-7.02	-7.94	-0.09	-0.86	-4.45	2.54	0.12	-1.78	-1	-0.78
	6485	107	be (40MHz)	-7.09	-7.67	-0.09	-0.86	-4.36	2.54	0.12	-1.69	-1	-0.69
	6525	115	be (40MHz)	-6.81	-7.41	-0.09	-0.86	-4.09	2.54	0.12	-1.43	-1	-0.43
	6465	103	be (80MHz)	-7.93	-8.70	-0.09	-0.86	-5.29	2.54	0.11	-2.63	-1	-1.63
	6505	111	be (160MHz)	-10.56	-10.87	-0.09	-0.86	-7.70	2.54	0.11	-5.05	-1	-4.05
Band 5/6/7	6425	95	be (320MHz)	-9.35	-11.11	-0.09	-0.86	-7.13	2.54	0.09	-4.49	-1	-3.49
	6695	117	be (20MHz)	-6.93	-7.06	-0.53	-0.87	-3.98	2.31	0.00	-1.67	-1	-0.67
	6695	149	be (20MHz)	-6.83	-6.94	-0.53	-0.87	-3.87	2.31	0.00	-1.56	-1	-0.56
	6875	185	be (20MHz)	-6.58	-7.17	-0.53	-0.87	-3.85	2.31	0.00	-1.54	-1	-0.54
	6565	123	be (40MHz)	-6.76	-7.72	-0.53	-0.87	-4.20	2.31	0.12	-1.77	-1	-0.77
	6725	155	be (40MHz)	-7.18	-7.18	-0.53	-0.87	-4.17	2.31	0.12	-1.74	-1	-0.74
	6845	179	be (40MHz)	-6.94	-7.34	-0.53	-0.87	-4.12	2.31	0.12	-1.69	-1	-0.69
	6545	119	be (80MHz)	-6.52	-8.43	-0.53	-0.87	-4.36	2.31	0.11	-1.94	-1	-0.94
	6705	151	be (80MHz)	-7.03	-8.05	-0.53	-0.87	-4.50	2.31	0.11	-2.08	-1	-1.08
	6865	183	be (80MHz)	-7.37	-8.14	-0.53	-0.87	-4.73	2.31	0.11	-2.30	-1	-1.30
	6665	143	be (160MHz)	-10.55	-12.04	-0.53	-0.87	-8.22	2.31	0.11	-5.80	-1	-4.80
	6825	175	be (160MHz)	-10.84	-11.86	-0.53	-0.87	-8.31	2.31	0.11	-5.89	-1	-4.89
Band 6/7	6585	127	be (320MHz)	-8.92	-10.94	-0.53	-0.87	-6.80	2.31	0.09	-4.40	-1	-3.40
Band 7/8	6745	159	be (320MHz)	-9.36	-10.96	-0.53	-0.87	-7.08	2.31	0.09	-4.68	-1	-3.68
Band 8	6895	189	be (20MHz)	-6.44	-7.16	-1.18	-1.29	-3.78	1.78	0.00	-2.00	-1	-1.00
	6995	209	be (20MHz)	-6.78	-7.33	-1.18	-1.29	-4.04	1.78	0.00	-2.26	-1	-1.26
	7115	233	be (20MHz)	-6.30	-6.58	-1.18	-1.29	-3.43	1.78	0.00	-1.65	-1	-0.65
	6885	187	be (40MHz)	-6.78	-7.40	-1.18	-1.29	-4.07	1.78	0.12	-2.17	-1	-1.17
	6965	211	be (40MHz)	-6.46	-7.26	-1.18	-1.29	-3.83	1.78	0.12	-1.94	-1	-0.94
	7085	227	be (40MHz)	-6.13	-6.75	-1.18	-1.29	-3.41	1.78	0.12	-1.52	-1	-0.52
	6945	199	be (80MHz)	-6.87	-7.95	-1.18	-1.29	-4.36	1.78	0.11	-2.48	-1	-1.48
	7025	215	be (80MHz)	-7.31	-7.80	-1.18	-1.29	-4.54	1.78	0.11	-2.65	-1	-1.65
6985	207	be (160MHz)	-10.21	-11.63	-1.18	-1.29	-7.85	1.78	0.11	-5.97	-1	-4.97	
Band 7/8	6905	191	be (320MHz)	-9.33	-10.78	-1.18	-1.29	-6.98	1.78	0.09	-5.11	-1	-4.11

Table 7-30. MIMO e.i.r.p. Conducted Power Spectral Density Measurements (Full Tones) LPI/SP

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 102 of 291

	Frequency [MHz]	Channel	802.11 MODE	Antenna-1 Power Density [dBm]	Antenna-2 Power Density [dBm]	Antenna-1 Gain [dBi]	Antenna-2 Gain [dBi]	Summed MIMO Power Density [dBm]	Directional Gain [dBi]	DCCF	EIRP [dBm]	Max EIRP [dBm]	Margin [dB]	
Band 5	5935	2	be (20MHz)	-8.71	-9.42	-0.15	-0.82	-6.04	2.53	0.00	-3.51	17	-20.51	
	6175	45	be (20MHz)	-2.35	-2.44	-0.15	-0.82	0.62	2.53	0.00	3.15	17	-13.85	
	6415	93	be (20MHz)	-1.72	-2.47	-0.15	-0.82	0.93	2.53	0.00	3.46	17	-13.54	
	5965	3	be (40MHz)	-4.10	-4.21	-0.15	-0.82	-1.14	2.53	0.12	1.51	17	-15.49	
	6165	43	be (40MHz)	-4.92	-5.14	-0.15	-0.82	-2.01	2.53	0.12	0.64	17	-16.36	
	6405	91	be (40MHz)	-4.41	-5.79	-0.15	-0.82	-2.03	2.53	0.12	0.62	17	-16.38	
	5985	7	be (80MHz)	-6.75	-7.10	-0.15	-0.82	-3.91	2.53	0.17	-1.21	17	-18.21	
	6145	39	be (80MHz)	-7.92	-8.03	-0.15	-0.82	-4.96	2.53	0.17	-2.26	17	-19.26	
	6385	87	be (80MHz)	-6.60	-8.63	-0.15	-0.82	-4.49	2.53	0.17	-1.78	17	-18.78	
	6025	15	be (160MHz)	-10.68	-11.10	-0.15	-0.82	-7.88	2.53	0.19	-5.15	17	-22.15	
	6185	47	be (160MHz)	-10.82	-11.65	-0.15	-0.82	-8.20	2.53	0.19	-5.48	17	-22.48	
	6345	79	be (160MHz)	-10.54	-11.59	-0.15	-0.82	-8.02	2.53	0.19	-5.30	17	-22.30	
	6105	31	be (320MHz)	-8.51	-9.71	-0.15	-0.82	-6.06	2.53	0.00	-3.53	17	-20.53	
	6265	63	be (320MHz)	-9.90	-10.81	-0.15	-0.82	-7.32	2.53	0.00	-4.79	17	-21.79	
Band 7	6695	117	be (20MHz)	-1.77	-2.15	-0.53	-0.87	1.05	2.31	0.00	3.37	17	-13.63	
	6695	149	be (20MHz)	-1.52	-2.04	-0.53	-0.87	1.24	2.31	0.00	3.55	17	-13.45	
	6875	185	be (20MHz)	-1.51	-1.97	-0.53	-0.87	1.28	2.31	0.00	3.59	17	-13.41	
	6565	123	be (40MHz)	-3.94	-5.49	-0.53	-0.87	-1.64	2.31	0.12	0.80	17	-16.20	
	6725	155	be (40MHz)	-4.71	-5.20	-0.53	-0.87	-1.94	2.31	0.12	0.49	17	-16.51	
	6845	179	be (40MHz)	-4.41	-5.21	-0.53	-0.87	-1.78	2.31	0.12	0.65	17	-16.35	
	6545	119	be (80MHz)	-6.78	-8.52	-0.53	-0.87	-4.55	2.31	0.17	-2.07	17	-19.07	
	6705	151	be (80MHz)	-7.25	-8.03	-0.53	-0.87	-4.61	2.31	0.17	-2.13	17	-19.13	
	6865	183	be (80MHz)	-7.31	-8.34	-0.53	-0.87	-4.78	2.31	0.17	-2.30	17	-19.30	
	6665	143	be (160MHz)	-10.50	-11.93	-0.53	-0.87	-8.15	2.31	0.19	-5.65	17	-22.65	
	6825	175	be (160MHz)	-11.09	-11.61	-0.53	-0.87	-8.33	2.31	0.19	-5.83	17	-22.83	
	Band 6/7	6585	127	be (320MHz)	-9.04	-10.78	-0.53	-0.87	-6.81	2.31	0.00	-4.50	17	-21.50
	Band 7/8	6745	159	be (320MHz)	-9.47	-10.72	-0.53	-0.87	-7.04	2.31	0.00	-4.73	17	-21.73

Table 7-31. MIMO e.i.r.p. Conducted Power Spectral Density Measurements (Full Tones) SP

	Frequency [MHz]	Channel	802.11 MODE	MRU Cases	Antenna-1 Power Density [dBm]	Antenna-2 Power Density [dBm]	Antenna-1 Gain [dBi]	Antenna-2 Gain [dBi]	Summed MIMO Power Density [dBm]	Directional Gain [dBi]	DCCF	EIRP [dBm]	Max EIRP [dBm]	Margin [dB]
Band 5	6175	45	be (20MHz)	106+26T	-8.03	-8.23	-0.15	-0.82	-5.12	2.53	0.09	-2.50	-1	-1.50
	6145	39	be (80MHz)	484+242T	-9.37	-8.30	-0.15	-0.82	-5.79	2.53	0.09	-3.17	-1	-2.17
	6185	47	be (160MHz)	996+484T	-9.01	-9.93	-0.15	-0.82	-6.43	2.53	0.09	-3.81	-1	-2.81
	6105	31	be (320MHz)	3x996+484T	-10.22	-11.51	-0.15	-0.82	-7.81	2.53	0.14	-5.14	-1	-4.14
	6105	31	be (320MHz)	3x996T	-9.75	-11.82	-0.15	-0.82	-7.65	2.53	0.17	-4.95	-1	-3.95
6105	31	be (320MHz)	2x996+484T	-9.86	-11.23	-0.15	-0.82	-7.48	2.53	0.14	-4.81	-1	-3.81	
Band 6	6475	105	be (20MHz)	106+26T	-7.73	-8.37	-0.09	-0.86	-5.03	2.54	0.09	-2.39	-1	-1.39
	6465	103	be (80MHz)	484+242T	-7.60	-9.50	-0.09	-0.86	-5.44	2.54	0.09	-2.80	-1	-1.80
	6505	111	be (160MHz)	996+484T	-8.61	-9.92	-0.09	-0.86	-6.21	2.54	0.09	-3.57	-1	-2.57
Band 5/6/7	6425	95	be (320MHz)	3x996+484T	-11.37	-13.15	-0.09	-0.86	-9.16	2.54	0.14	-6.47	-1	-5.47
	6425	95	be (320MHz)	3x996T	-10.14	-12.71	-0.09	-0.86	-8.22	2.54	0.17	-5.51	-1	-4.51
	6425	95	be (320MHz)	2x996+484T	-10.33	-11.84	-0.09	-0.86	-8.01	2.54	0.14	-5.32	-1	-4.32
Band 7	6695	149	be (20MHz)	106+26T	-7.52	-7.81	-0.53	-0.87	-4.65	2.31	0.09	-2.25	-1	-1.25
	6705	151	be (80MHz)	484+242T	-7.90	-8.75	-0.53	-0.87	-5.29	2.31	0.09	-2.89	-1	-1.89
	6665	143	be (160MHz)	996+484T	-8.81	-10.37	-0.53	-0.87	-6.51	2.31	0.09	-4.11	-1	-3.11
Band 7/8	6745	159	be (320MHz)	3x996+484T	-11.04	-12.53	-0.53	-0.87	-8.71	2.31	0.14	-6.26	-1	-5.26
	6745	159	be (320MHz)	3x996T	-10.70	-11.95	-0.53	-0.87	-8.27	2.31	0.17	-5.78	-1	-4.78
	6745	159	be (320MHz)	2x996+484T	-10.38	-11.39	-0.53	-0.87	-7.84	2.31	0.14	-5.39	-1	-4.39
Band 8	6995	209	be (20MHz)	106+26T	-6.77	-7.74	-1.18	-1.29	-4.22	1.78	0.09	-2.35	-1	-1.35
	6945	199	be (80MHz)	484+242T	-7.76	-8.75	-1.18	-1.29	-5.22	1.78	0.09	-3.35	-1	-2.35
	6985	207	be (160MHz)	996+484T	-8.54	-9.73	-1.18	-1.29	-6.09	1.78	0.09	-4.22	-1	-3.22
Band 7/8	6905	191	be (320MHz)	3x996+484T	-12.06	-12.69	-1.18	-1.29	-9.35	1.78	0.14	-7.44	-1	-6.44
	6905	191	be (320MHz)	3x996T	-10.26	-12.13	-1.18	-1.29	-8.08	1.78	0.17	-6.14	-1	-5.14
	6905	191	be (320MHz)	2x996+484T	-10.27	-11.49	-1.18	-1.29	-7.83	1.78	0.14	-5.91	-1	-4.91

Table 7-32. MIMO e.i.r.p. Conducted Power Spectral Density Measurements (MRU) LPI/SP

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 103 of 291

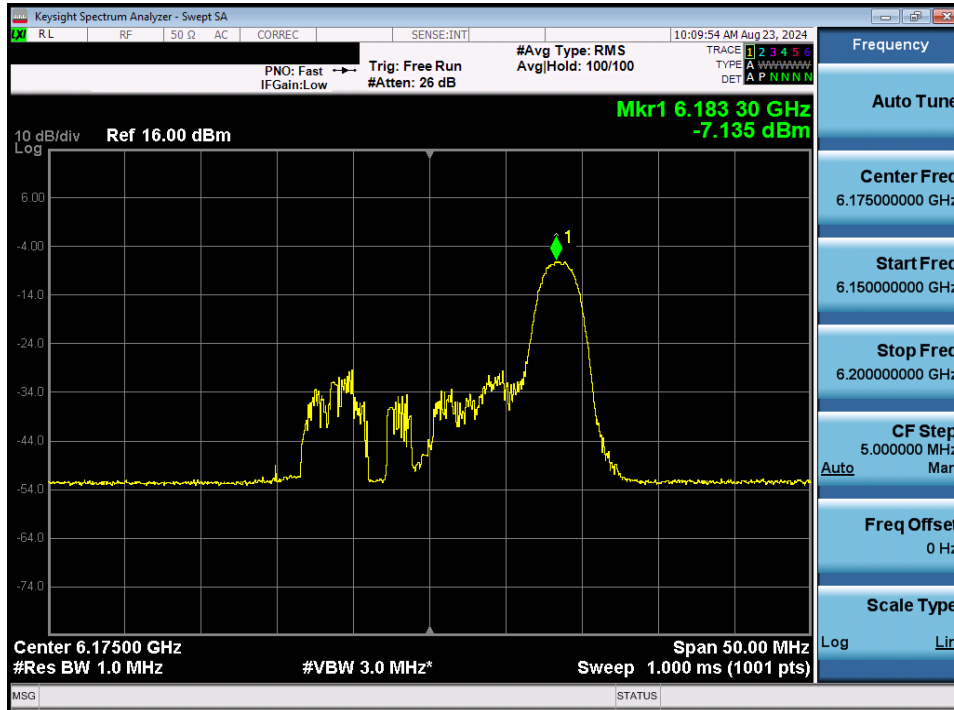


	Frequency [MHz]	Channel	802.11 MODE	MRU Cases	Antenna-1 Power Density [dBm]	Antenna-2 Power Density [dBm]	Antenna-1 Gain [dBi]	Antenna-2 Gain [dBi]	Summed MIMO Power Density [dBm]	Directional Gain [dBi]	DCCF	EIRP [dBm]	Max EIRP [dBm]	Margin [dB]
Band 5	6175	45	be (20MHz)	52+26T	2.85	2.53	-0.15	-0.82	5.70	2.53	0.09	8.32	17	-8.68
	6175	45	be (20MHz)	106+26T	0.33	0.32	-0.15	-0.82	3.33	2.53	0.09	5.96	17	-11.04
Band 7	6695	149	be (20MHz)	52+26T	3.26	2.39	-0.53	-0.87	5.86	2.31	0.09	8.26	17	-8.74
	6695	149	be (20MHz)	106+26T	1.02	0.48	-0.53	-0.87	3.77	2.31	0.09	6.17	17	-10.83

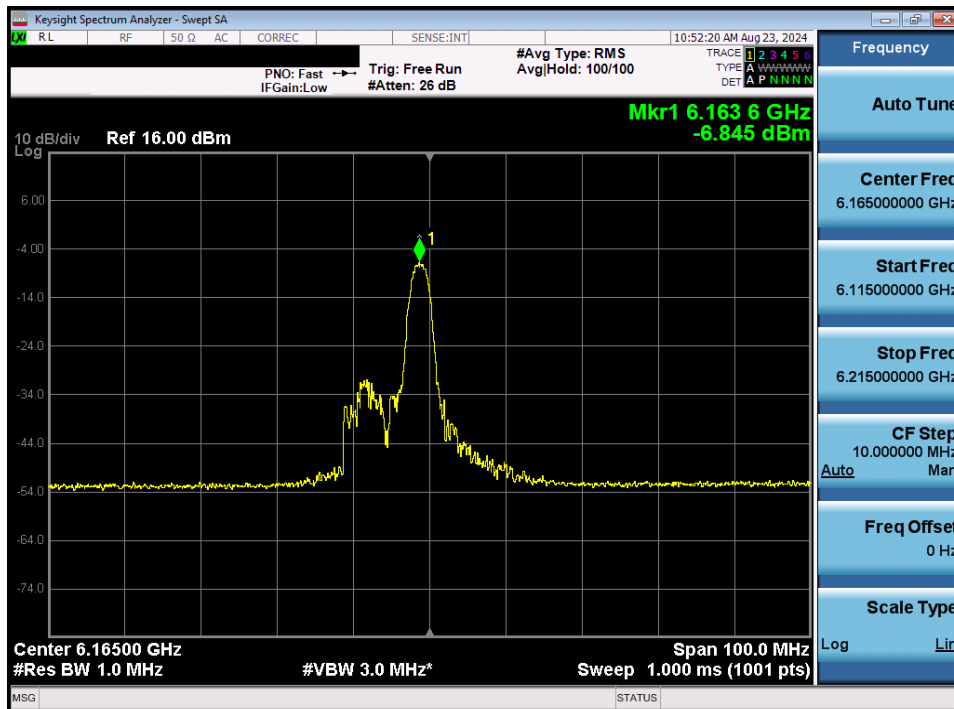
Table 7-33. MIMO e.i.r.p. Conducted Power Spectral Density Measurements (MRU) SP

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 104 of 291

7.4.1 MIMO Antenna-1 Power Spectral Density Measurements

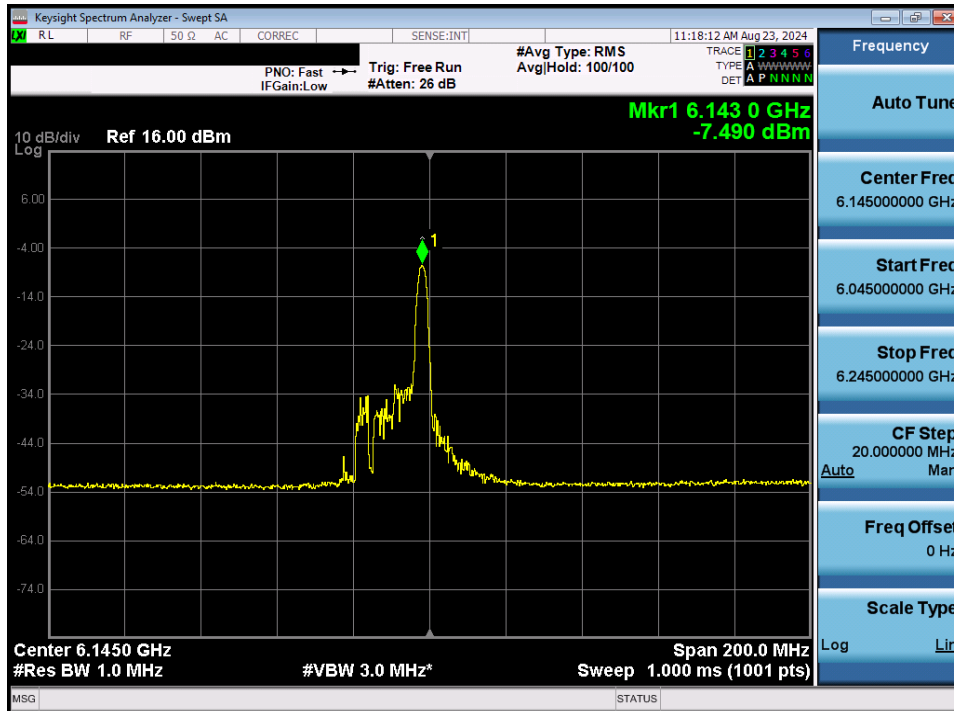


Plot 7-113. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 45) – LPI

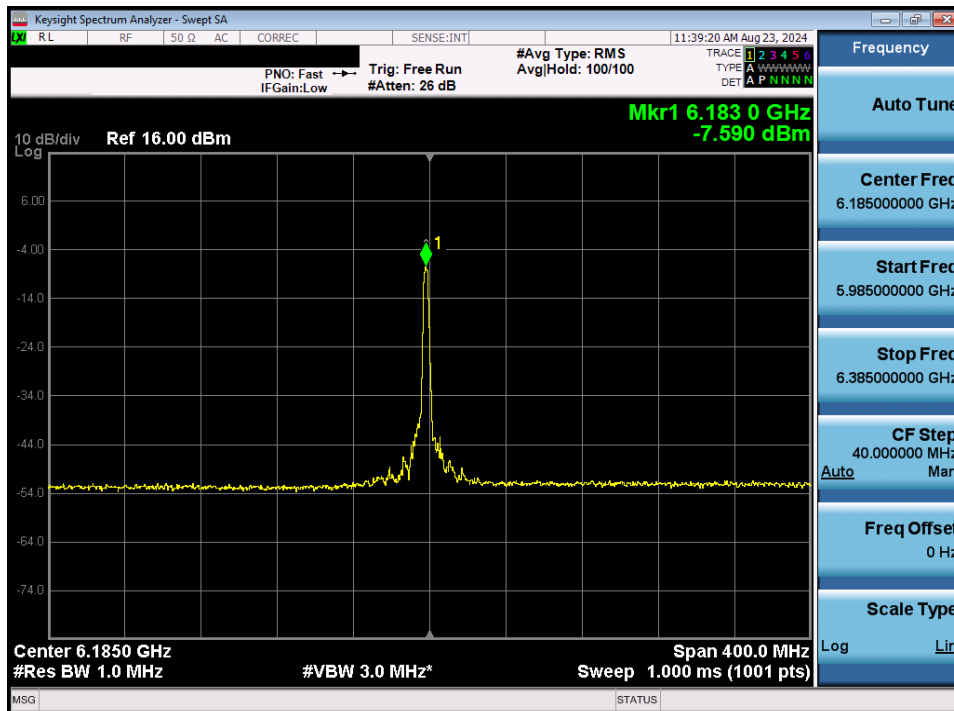


Plot 7-114. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 43) – LPI

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 105 of 291

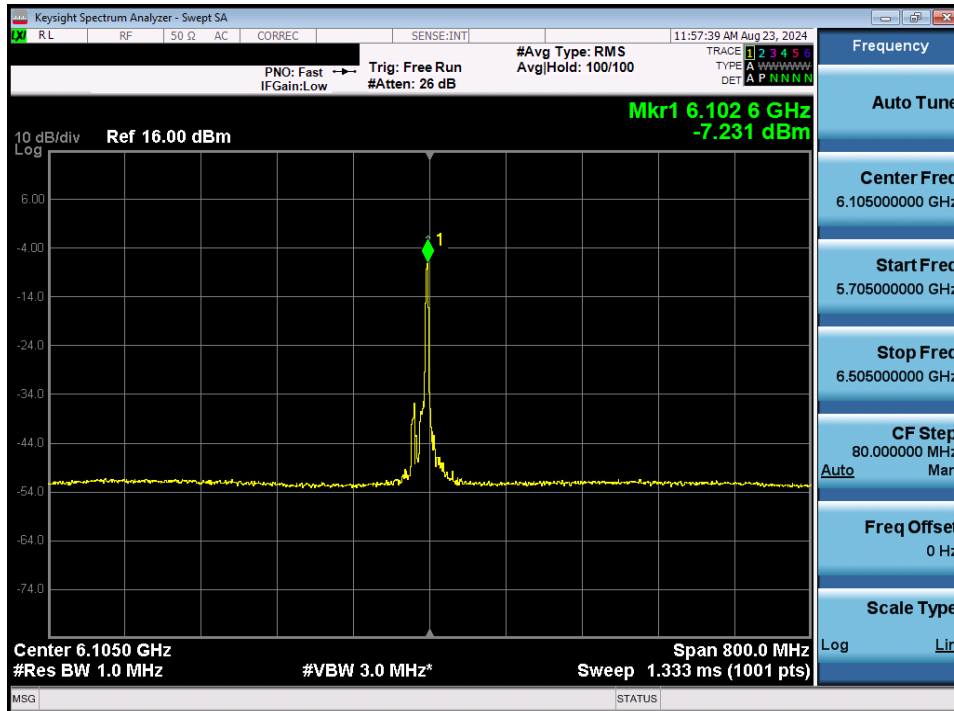


Plot 7-115. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 39) – LPI

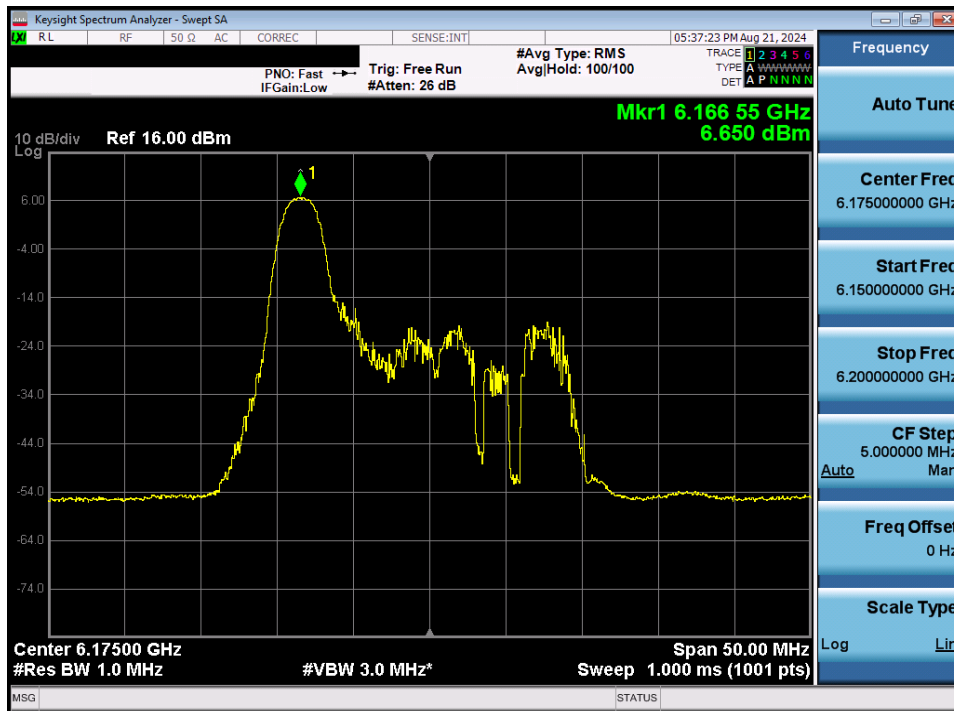


Plot 7-116. Power Spectral Density Plot MIMO ANT1 (160MHz BW 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 47) – LPI

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 106 of 291

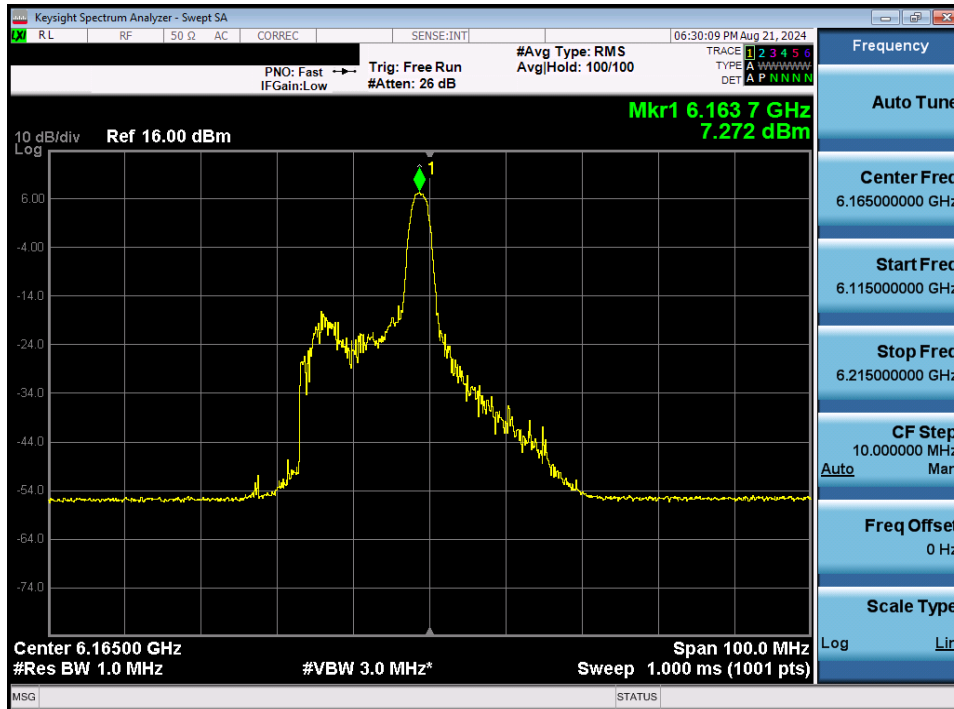


Plot 7-117. Power Spectral Density Plot MIMO ANT1 (320MHz BW 802.11be (26 Tones) (UNII Band 5) – Ch. 31) – LPI

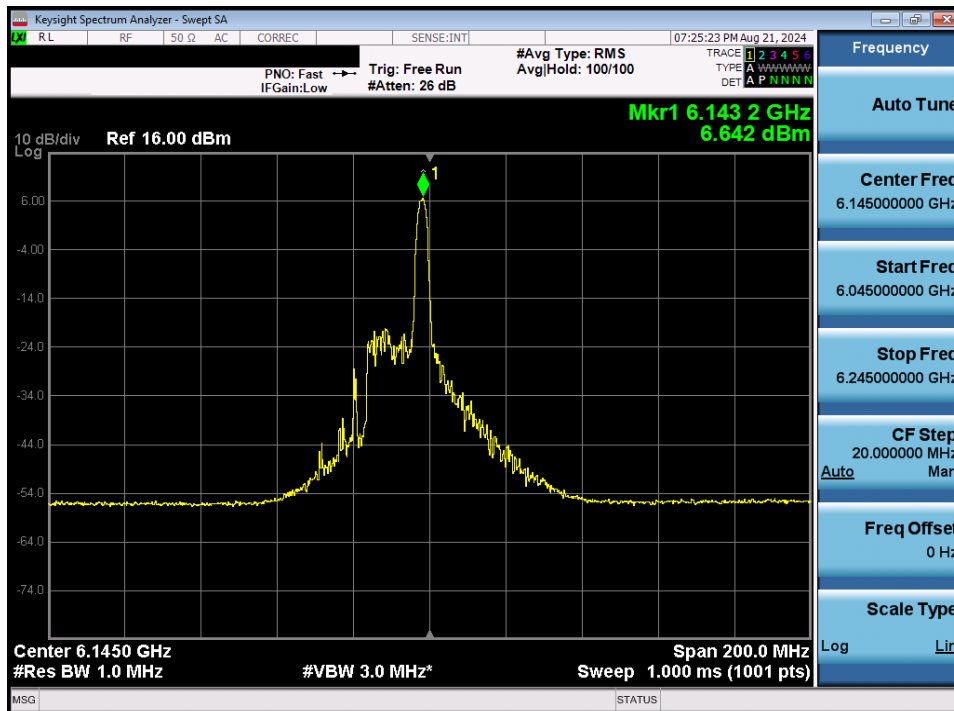


Plot 7-118. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 45) – SP

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 107 of 291

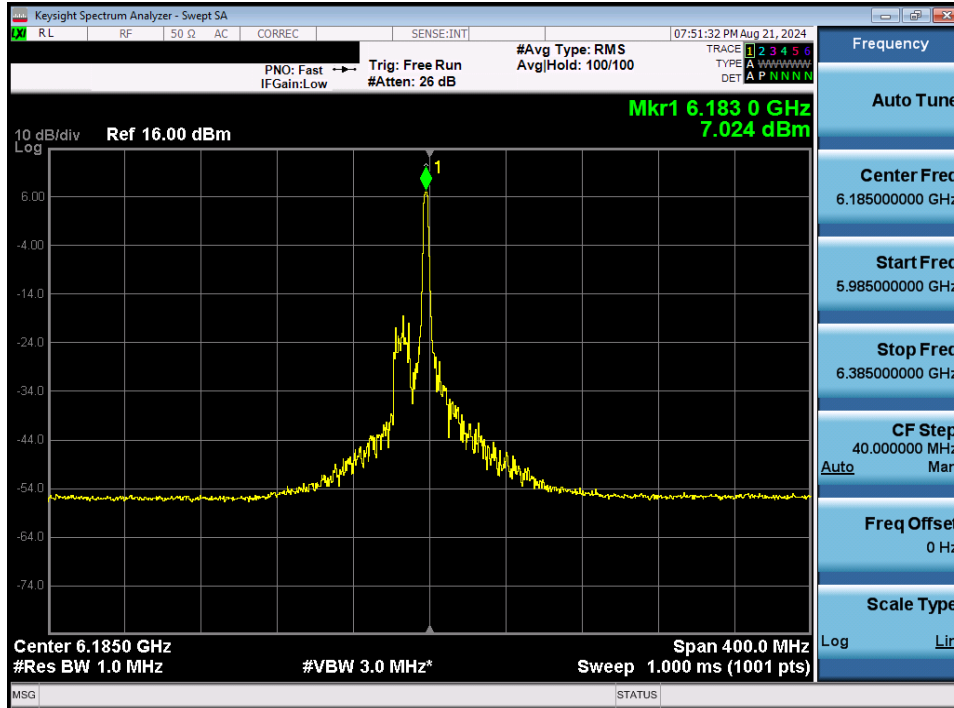


Plot 7-119. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 43) – SP

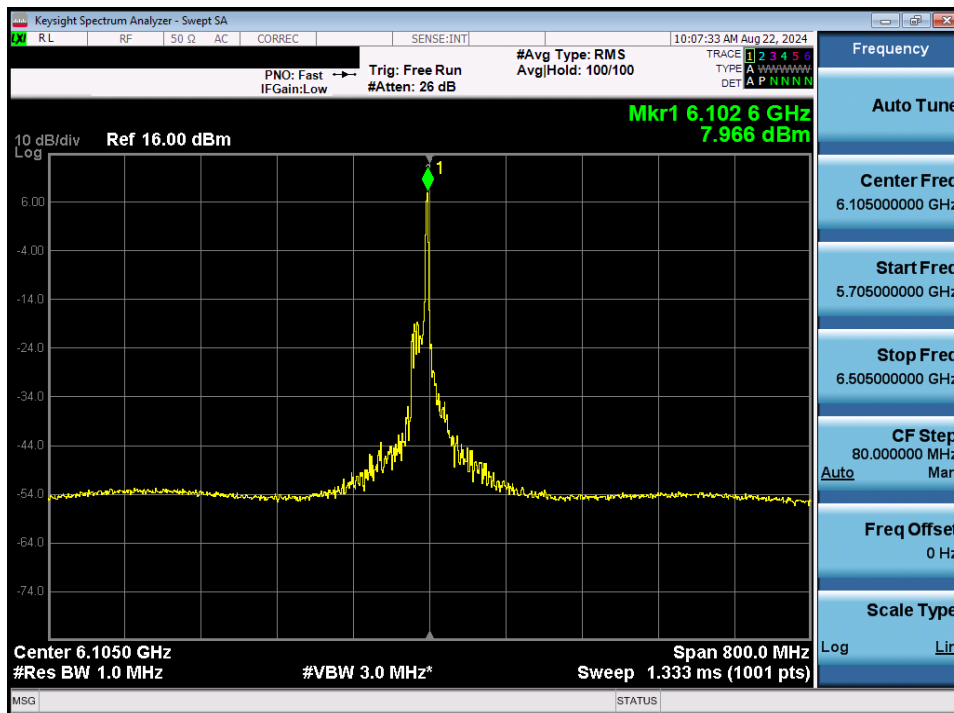


Plot 7-120. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 39) – SP

FCC ID: A3LNP750XQA		MEASUREMENT REPORT		Approved by:
Test Report S/N:	Test Dates:	EUT Type:		Technical Manager
1M2407080057-09-R1.A3L	7/30/2024 – 8/26/2024	Portable Computing Device		Page 108 of 291

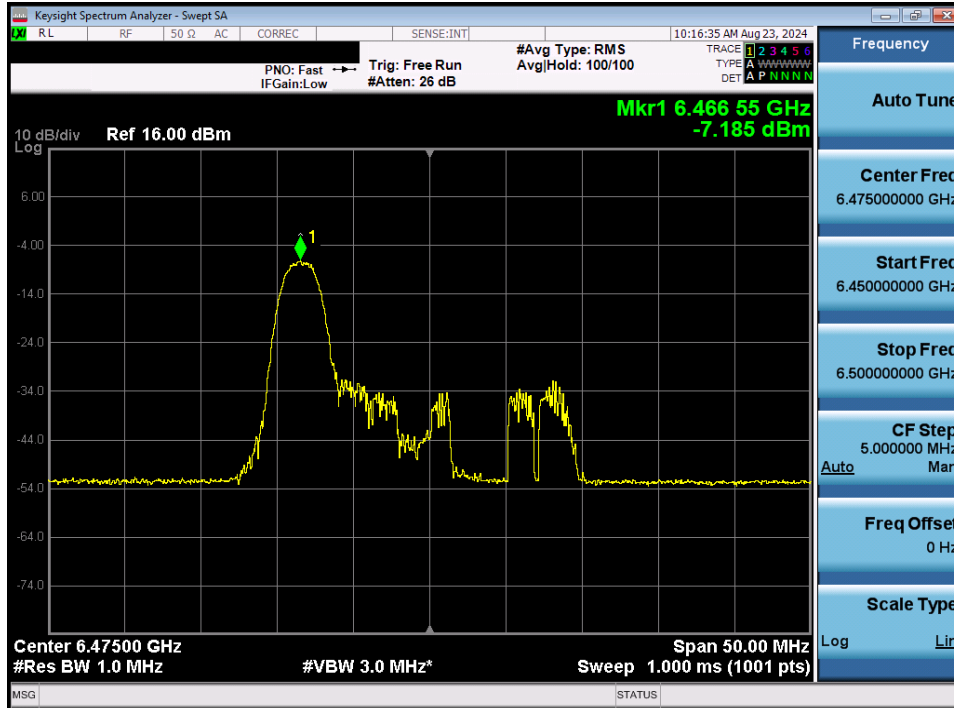


Plot 7-121. Power Spectral Density Plot MIMO ANT1 (160MHz BW 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 47) – SP

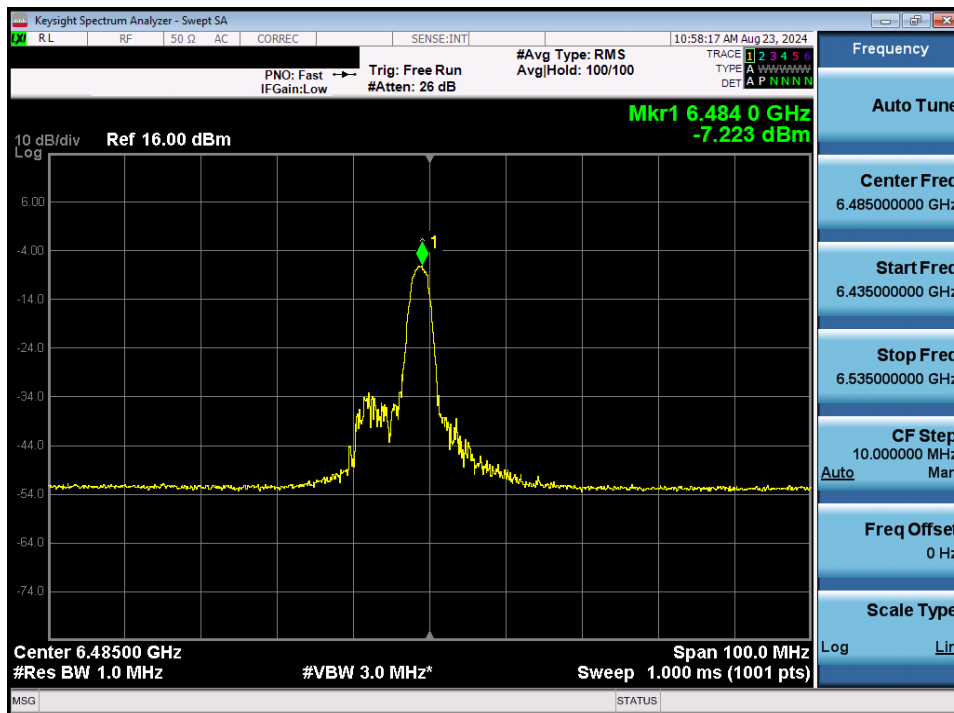


Plot 7-122. Power Spectral Density Plot MIMO ANT1 (320MHz BW 802.11be (26 Tones) (UNII Band 5) – Ch. 31) – SP

FCC ID: A3LNP750XQA		MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 109 of 291	

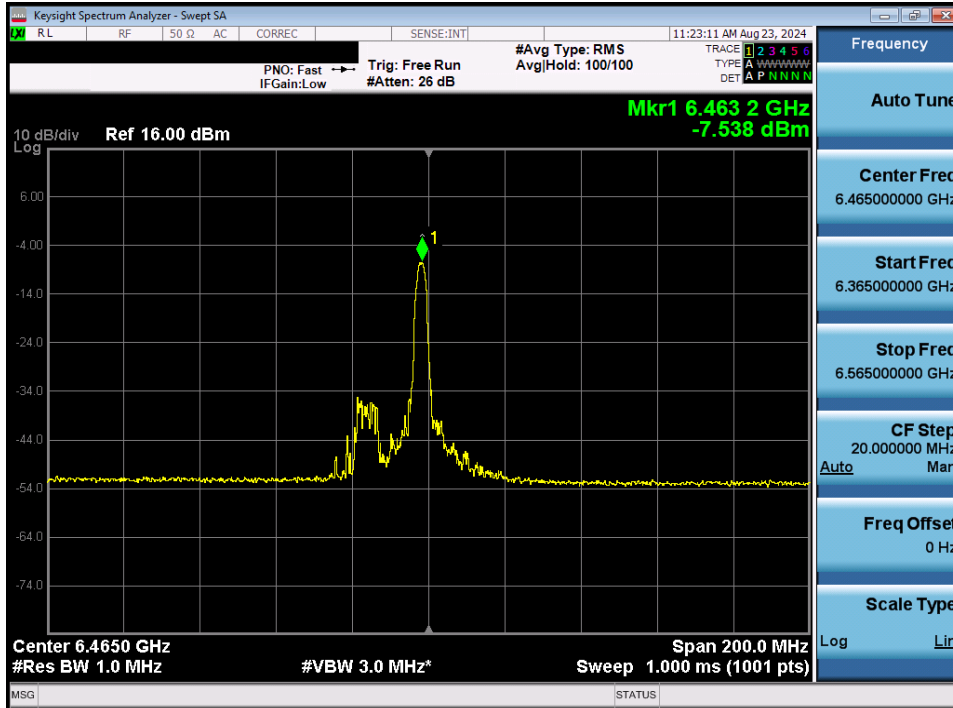


Plot 7-123. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax/be (26 Tones) (UNII Band 6) – Ch. 105) – LPI

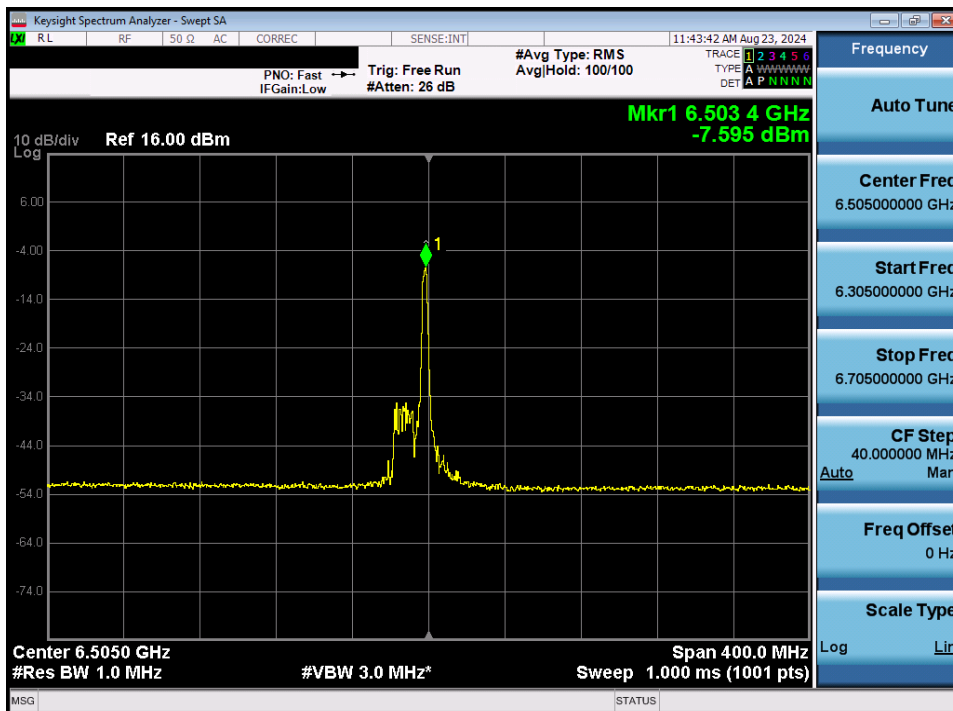


Plot 7-124. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax/be (26 Tones) (UNII Band 6) – Ch. 107) – LPI

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 110 of 291

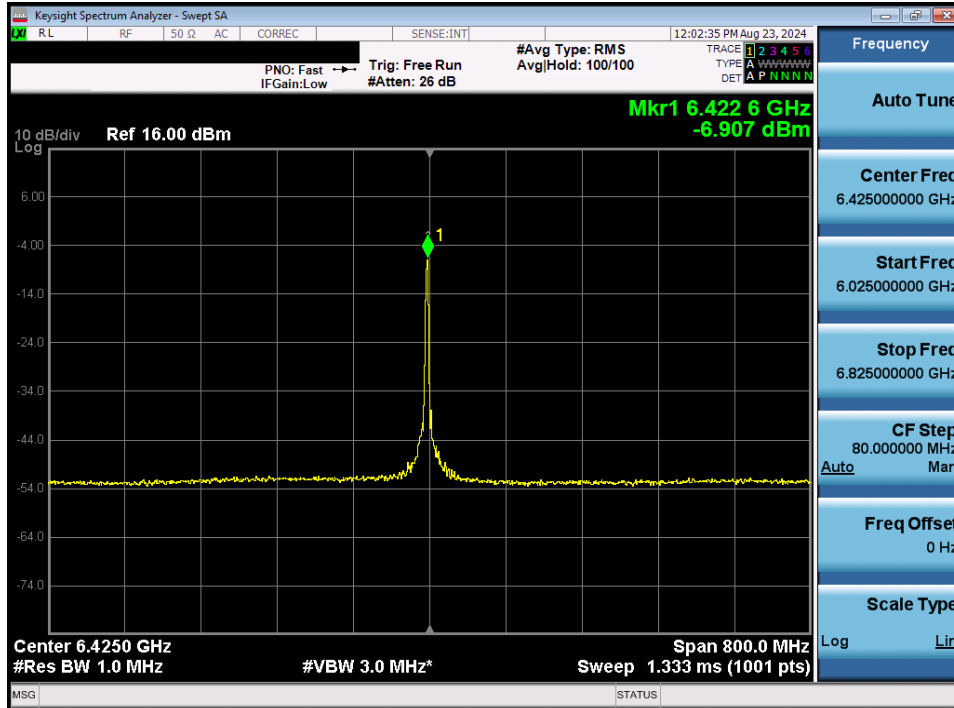


Plot 7-125. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax/be (26 Tones) (UNII Band 6) – Ch. 103) – LPI

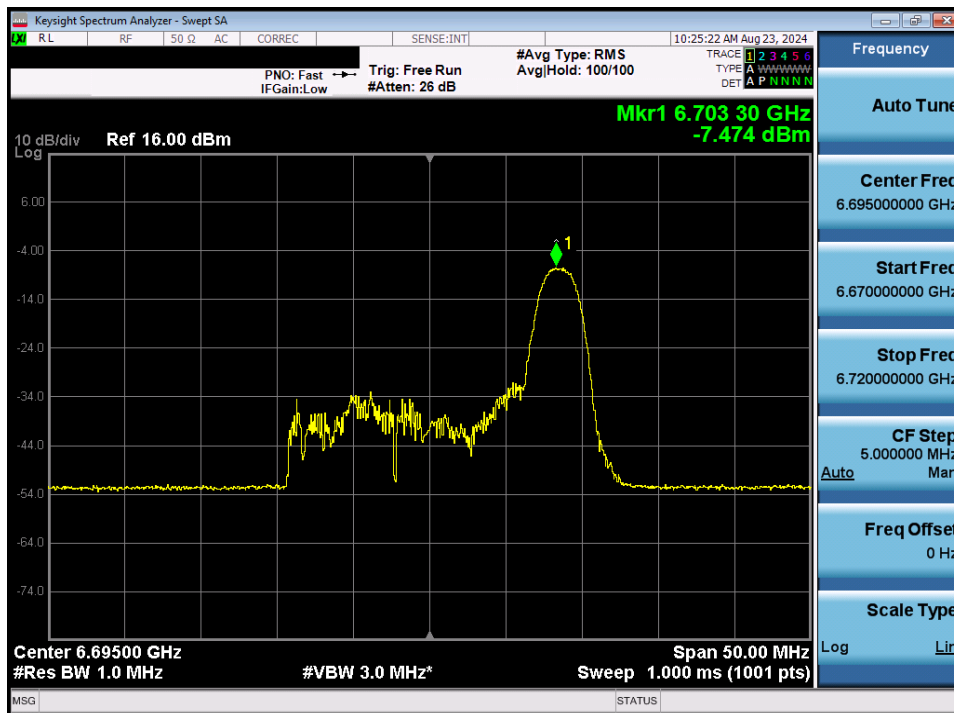


Plot 7-126. Power Spectral Density Plot MIMO ANT1 (160MHz BW 802.11ax/be (26 Tones) (UNII Band 6) – Ch. 111) – LPI

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 111 of 291

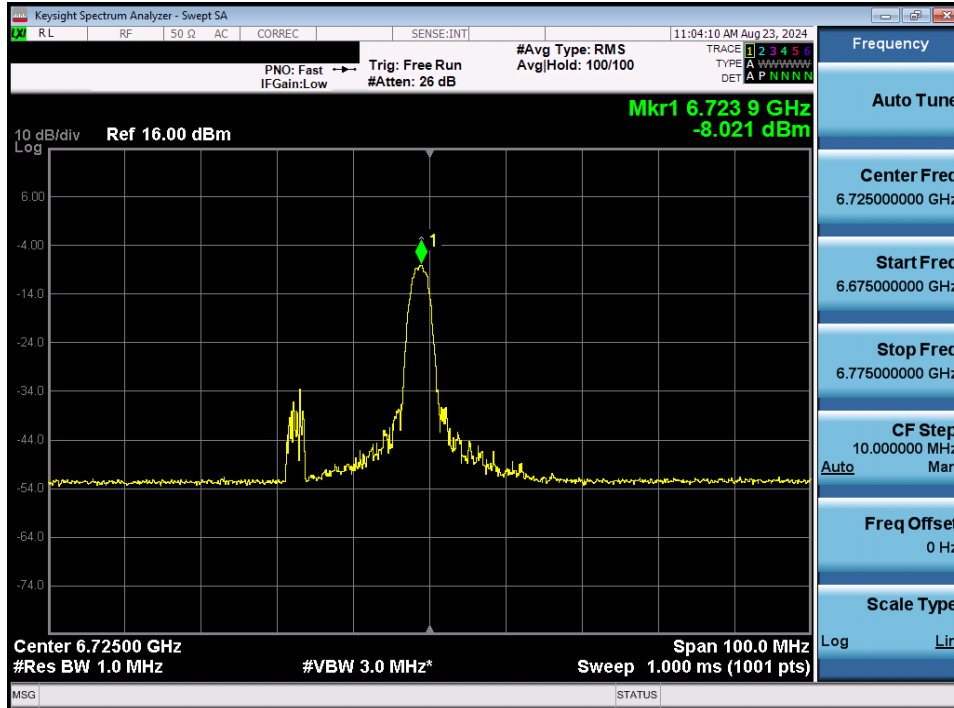


Plot 7-127. Power Spectral Density Plot MIMO ANT1 (320MHz BW 802.11be (26 Tones) (UNII Band 6) – Ch. 95) – LPI

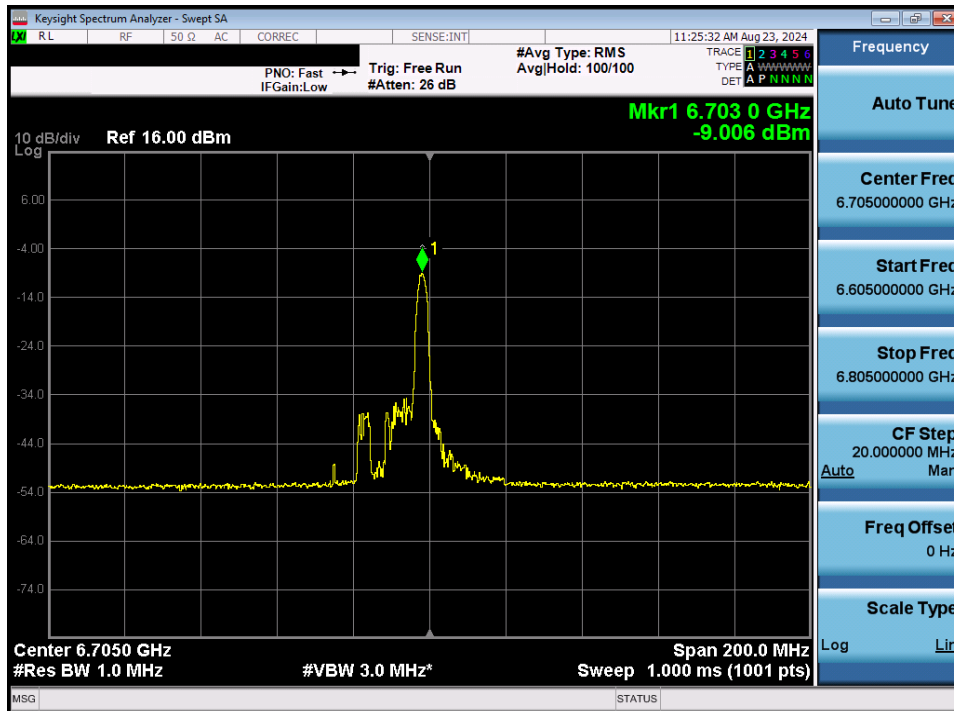


Plot 7-128. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax/be (26 Tones) (UNII Band 7) – Ch. 149) – LPI

FCC ID: A3LNP750XQA		MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 112 of 291	

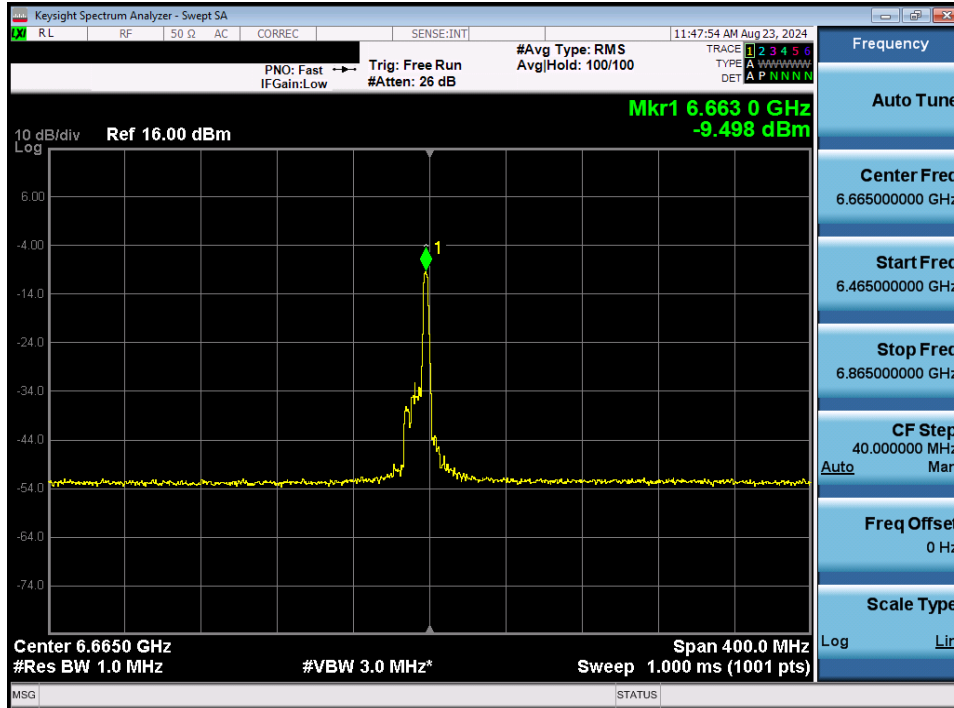


Plot 7-129. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax/be (26 Tones) (UNII Band 7) – Ch. 155) – LPI

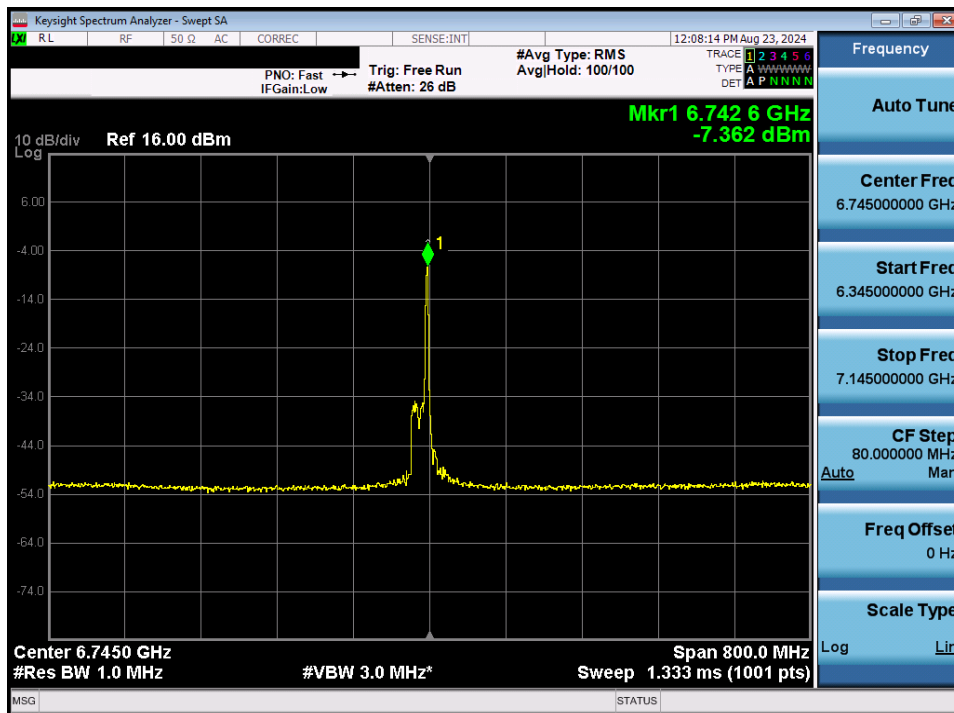


Plot 7-130. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax/be (26 Tones) (UNII Band 7) – Ch. 151) – LPI

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 113 of 291

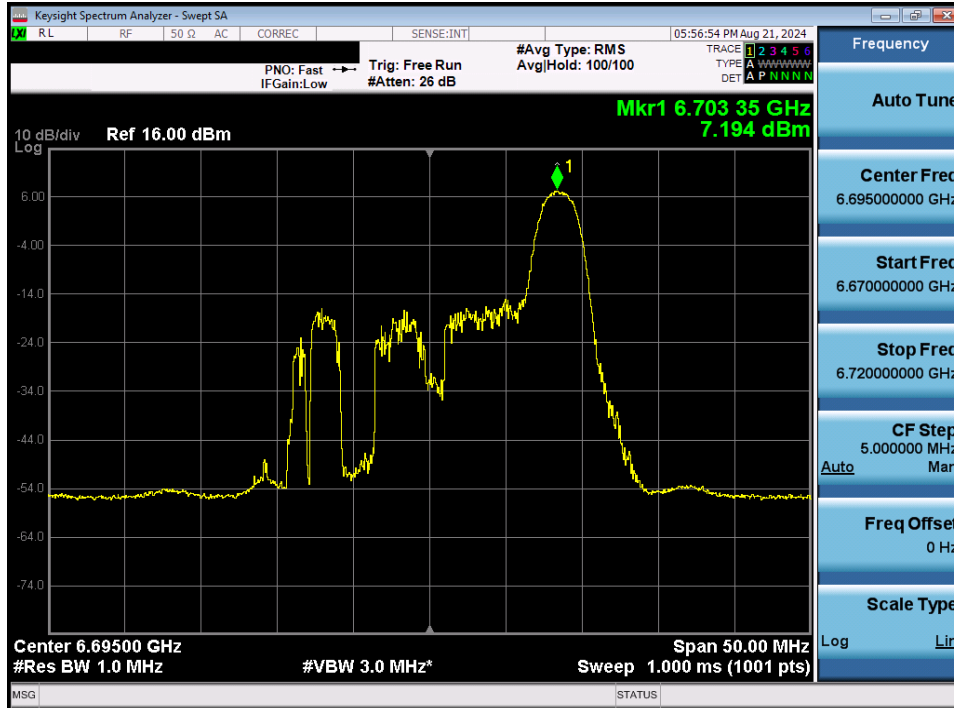


Plot 7-131. Power Spectral Density Plot MIMO ANT1 (160MHz BW 802.11ax/be (26 Tones) (UNII Band 7) – Ch. 143) – LPI

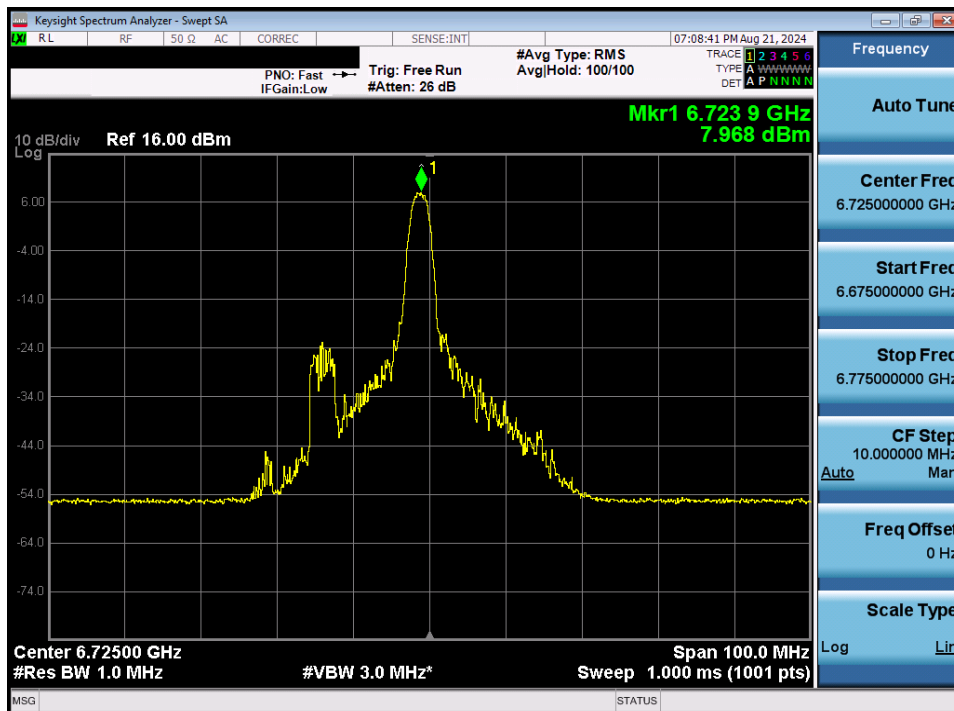


Plot 7-132. Power Spectral Density Plot MIMO ANT1 (320MHz BW 802.11be (26 Tones) (UNII Band 7) – Ch. 159) – LPI

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 114 of 291

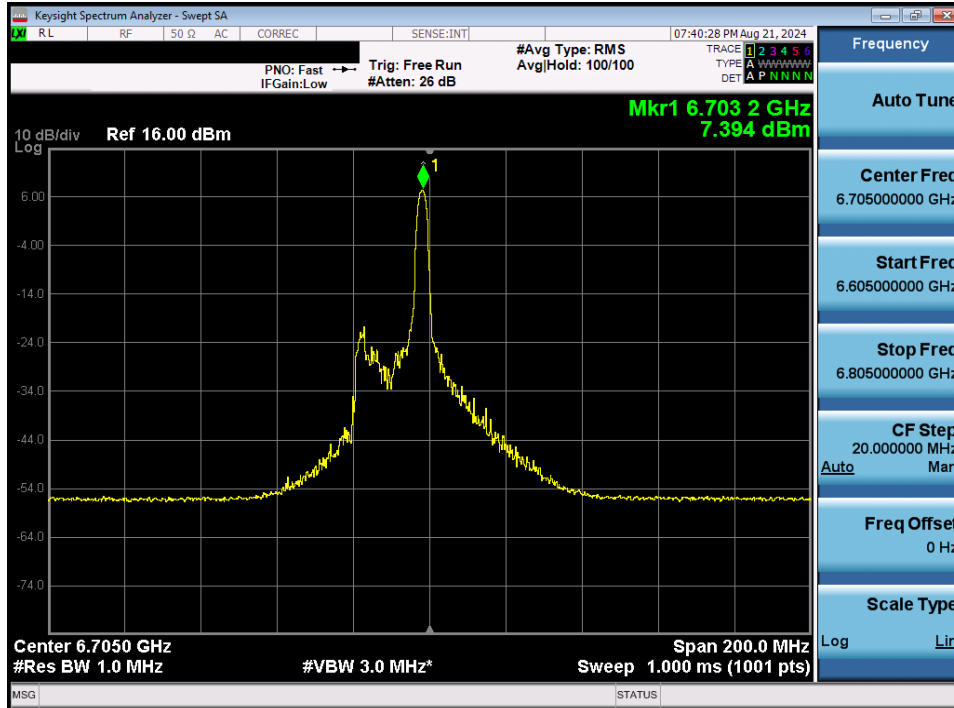


Plot 7-133. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax/be (26 Tones) (UNII Band 7) – Ch. 149) – SP

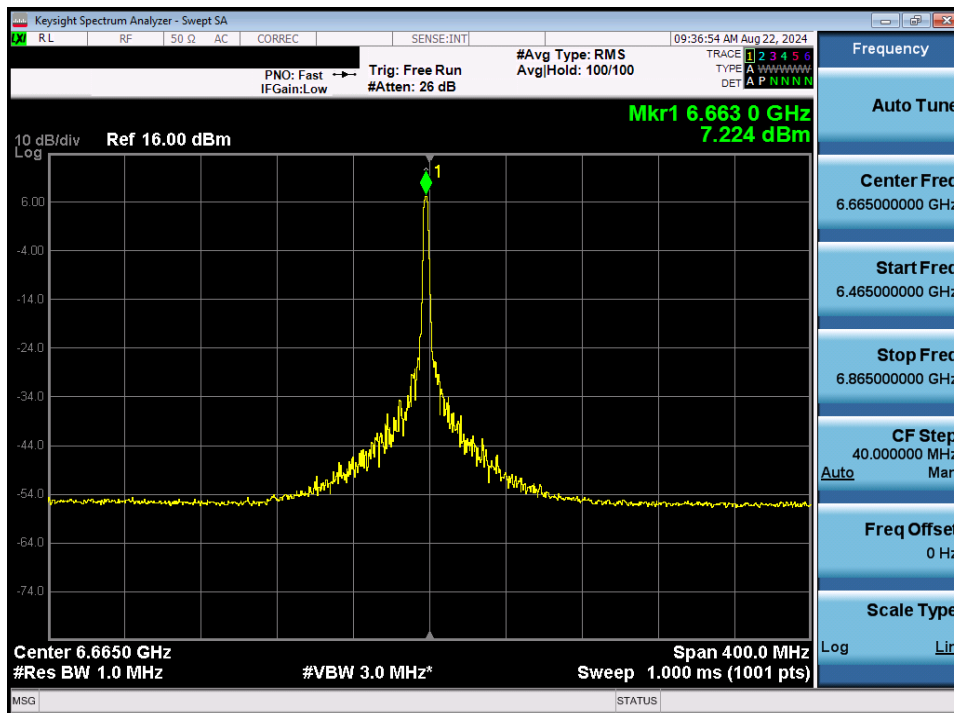


Plot 7-134. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax/be (26 Tones) (UNII Band 7) – Ch. 155) – SP

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 115 of 291

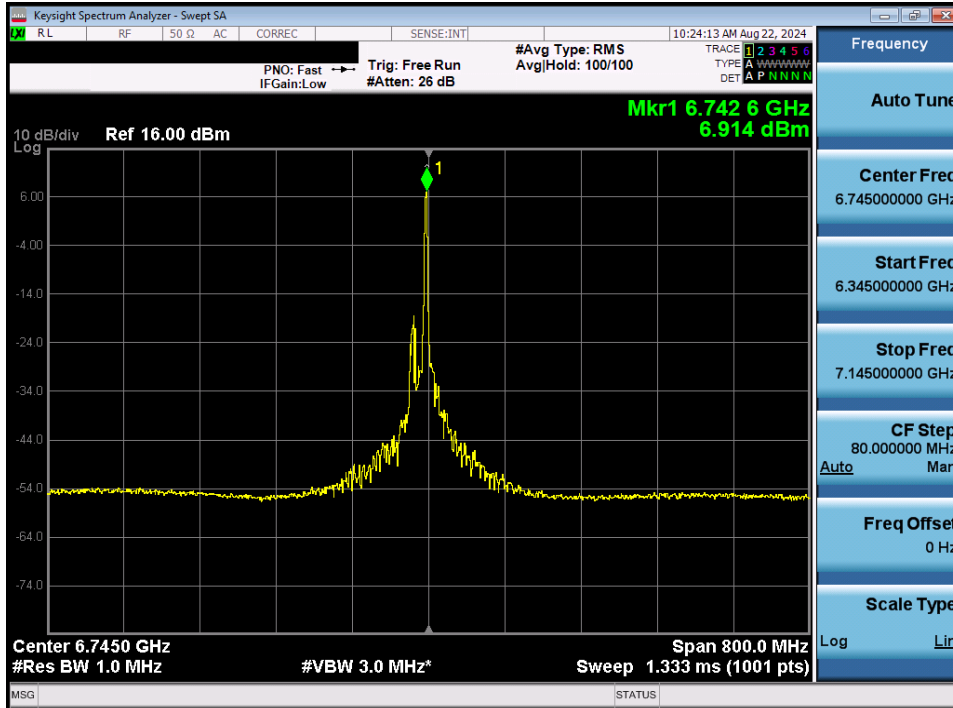


Plot 7-135. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax/be (26 Tones) (UNII Band 7) – Ch. 151) – SP

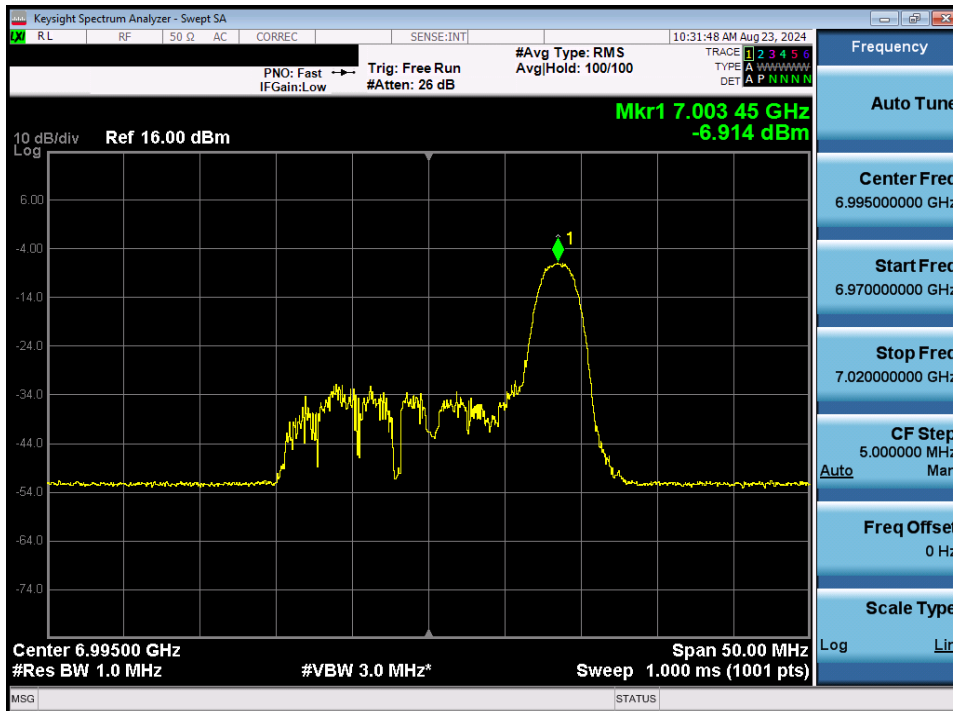


Plot 7-136. Power Spectral Density Plot MIMO ANT1 (160MHz BW 802.11ax/be (26 Tones) (UNII Band 7) – Ch. 143) – SP

FCC ID: A3LNP750XQA		MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 116 of 291	

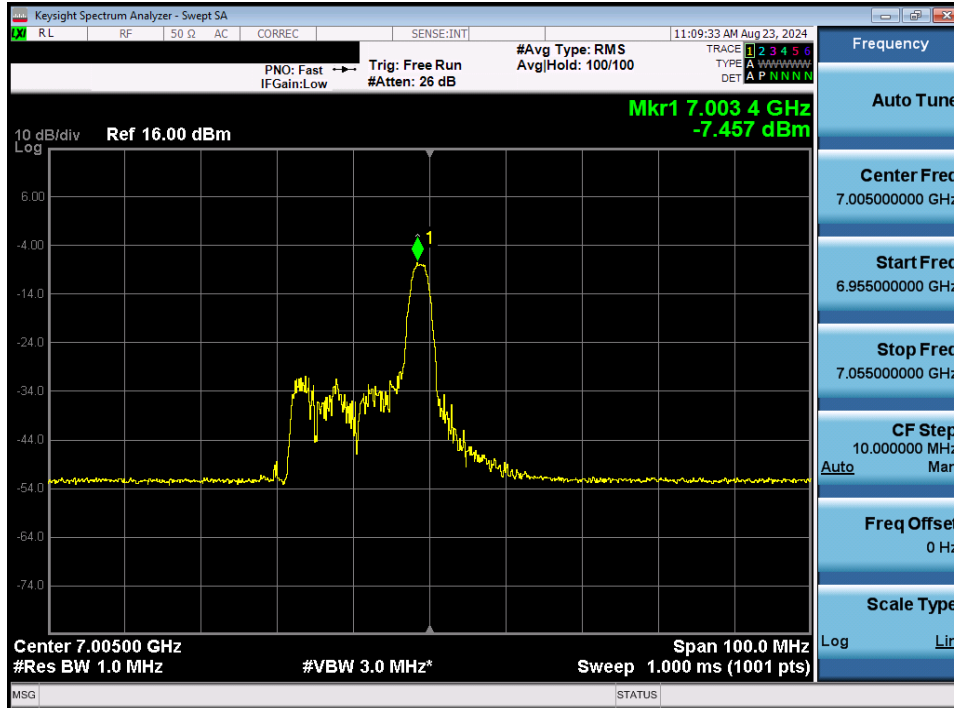


Plot 7-137. Power Spectral Density Plot MIMO ANT1 (320MHz BW 802.11be (26 Tones) (UNII Band 7) – Ch. 159) – SP

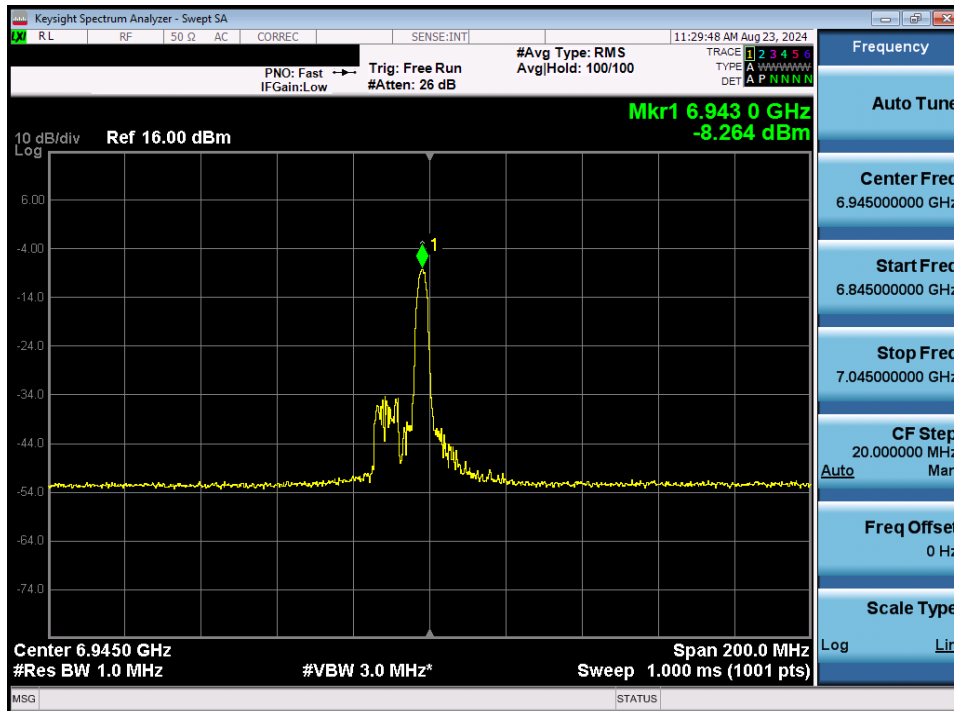


Plot 7-138. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax/be (26 Tones) (UNII Band 8) – Ch. 209) – LPI

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 117 of 291

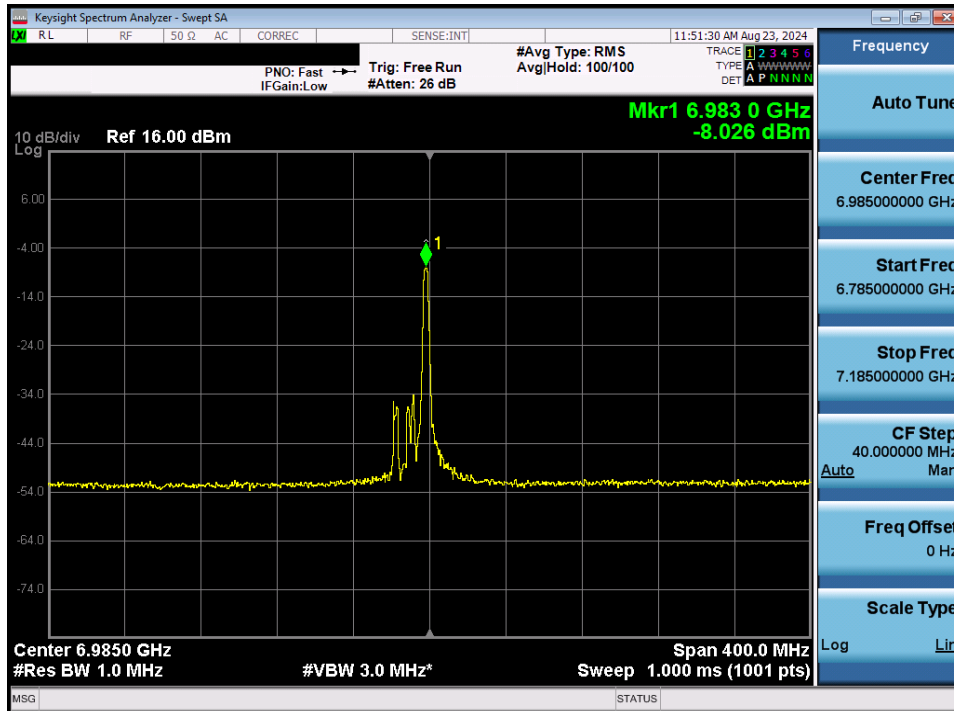


Plot 7-139. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax/be (26 Tones) (UNII Band 8) – Ch. 211) – LPI

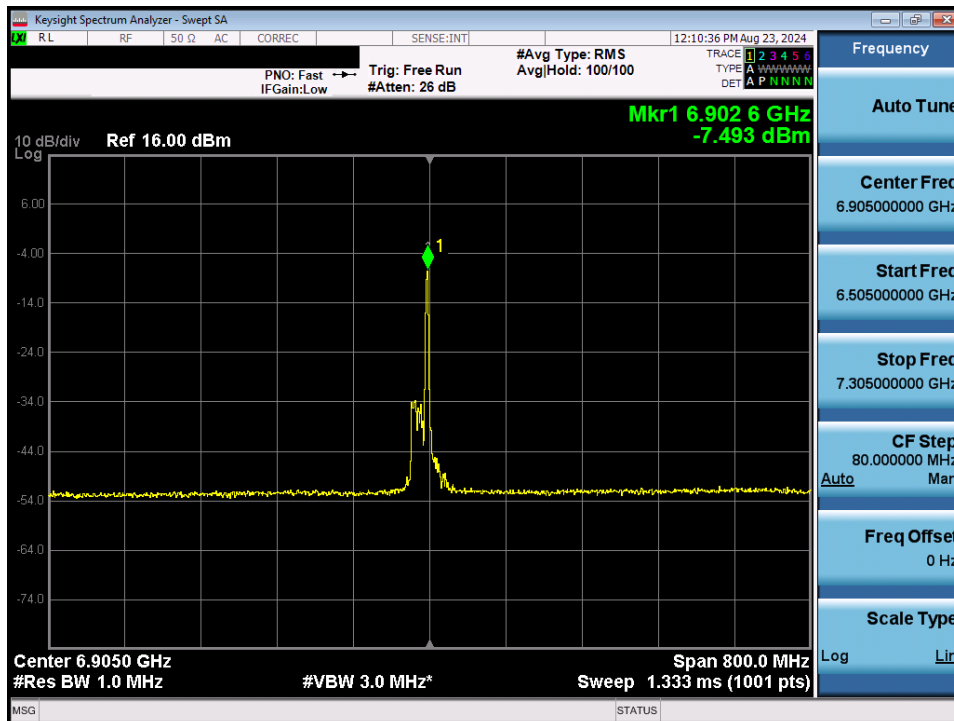


Plot 7-140. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax/be (26 Tones) (UNII Band 8) – Ch. 199) – LPI

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 118 of 291

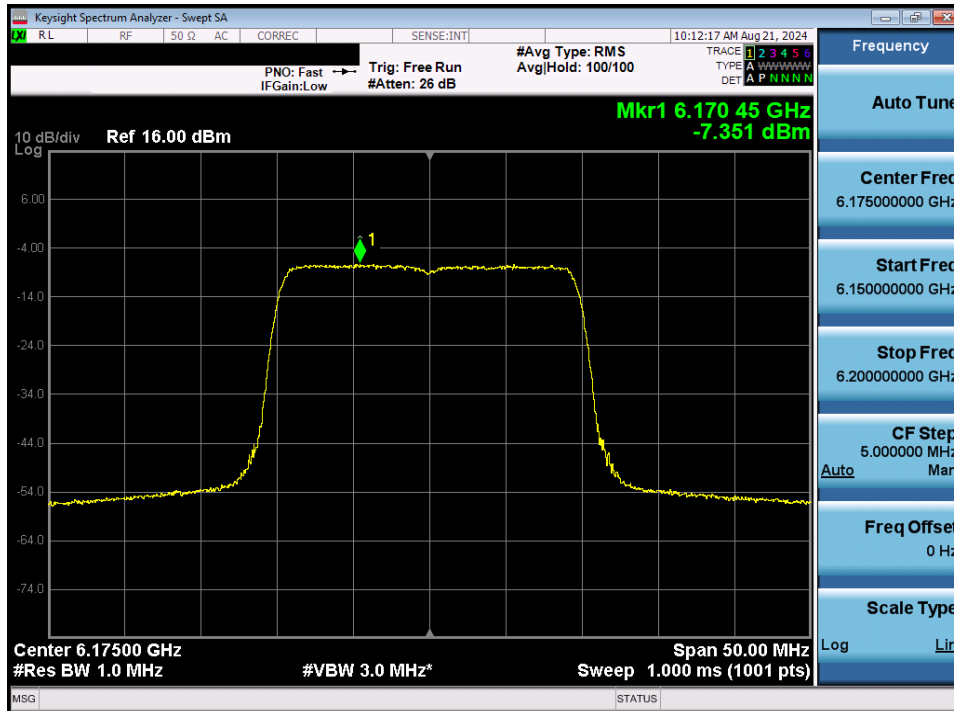


Plot 7-141. Power Spectral Density Plot MIMO ANT1 (160MHz BW 802.11ax/be (26 Tones) (UNII Band 8) – Ch. 207) – LPI

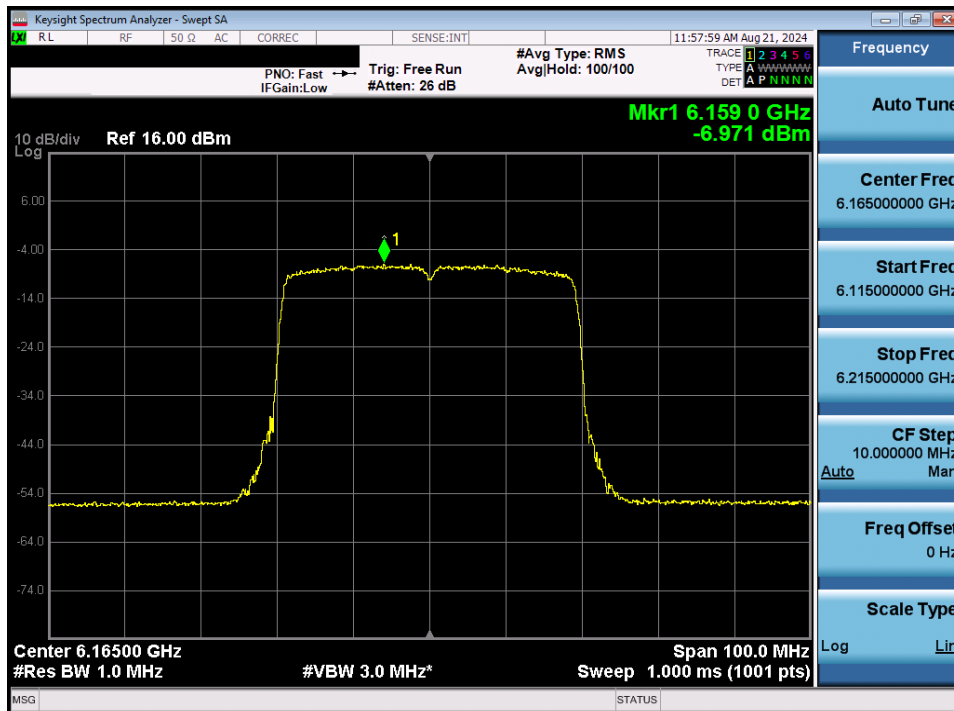


Plot 7-142. Power Spectral Density Plot MIMO ANT1 (320MHz BW 802.11be (26 Tones) (UNII Band 8) – Ch. 191) – LPI

FCC ID: A3LNP750XQA		MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device		Page 119 of 291

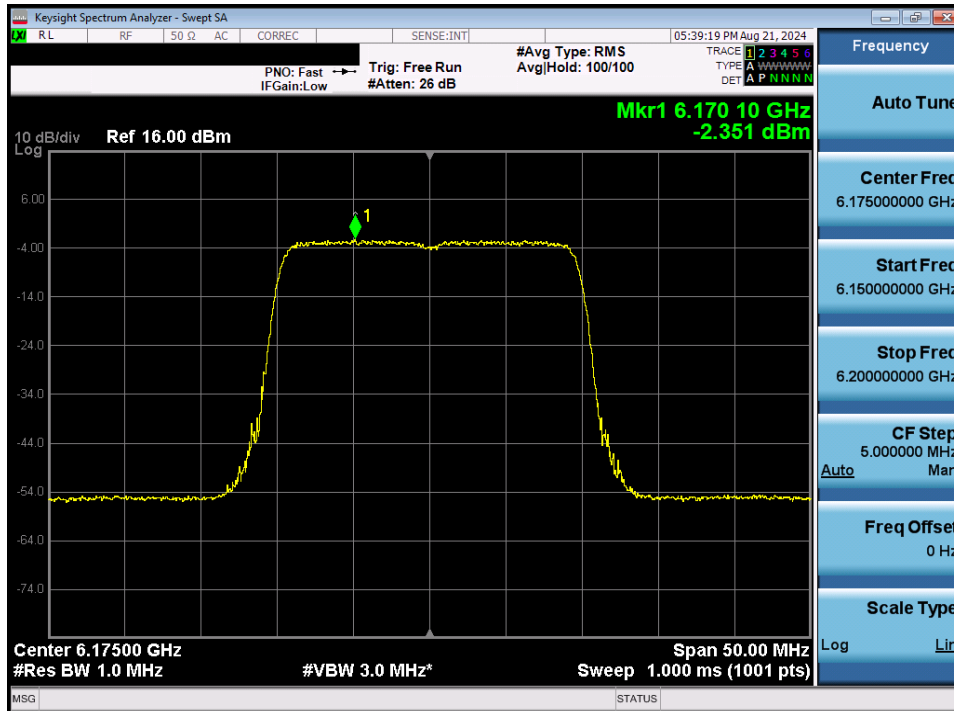


Plot 7-143. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax/be (Full Tones) (UNII Band 5) – Ch. 45) – LPI

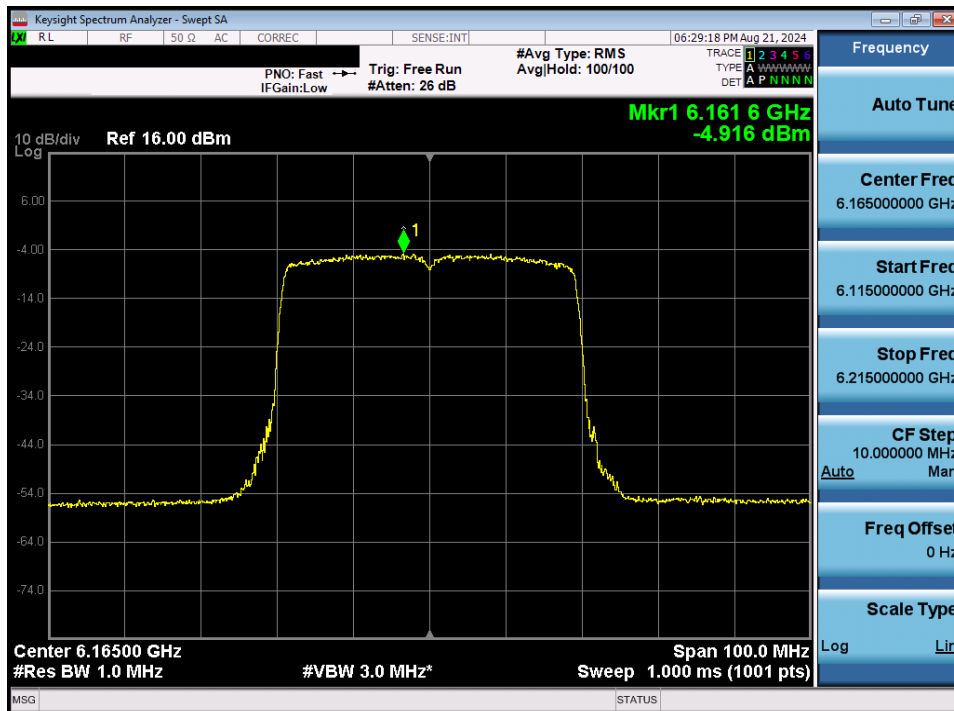


Plot 7-144. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax/be (Full Tones) (UNII Band 5) – Ch. 43) – LPI

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 120 of 291

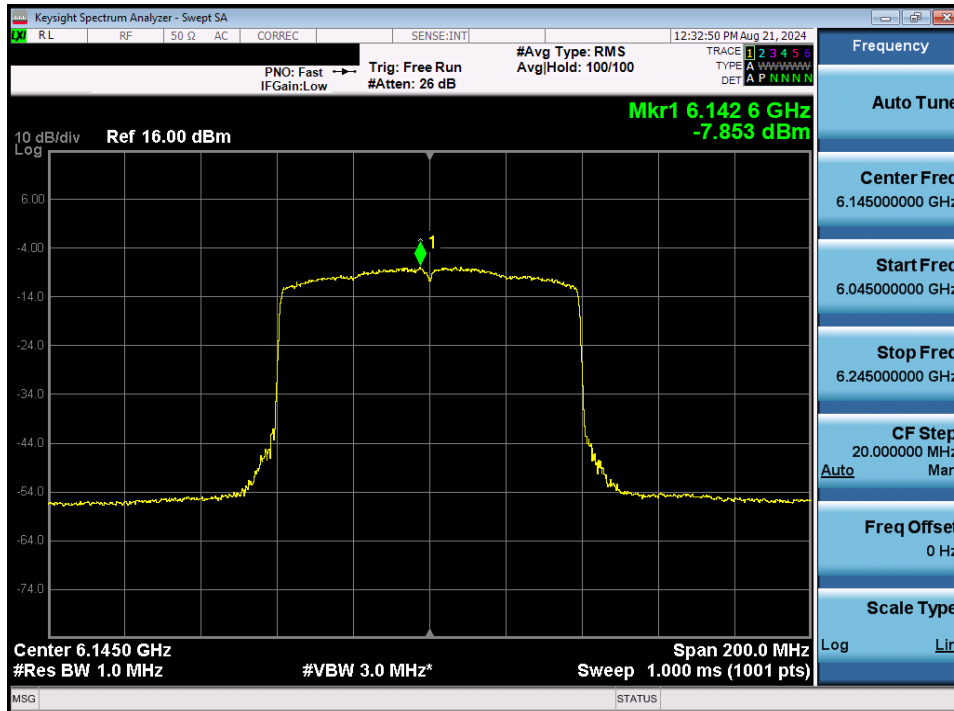


Plot 7-145. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax/be (Full Tones) (UNII Band 5) – Ch. 45) – SP

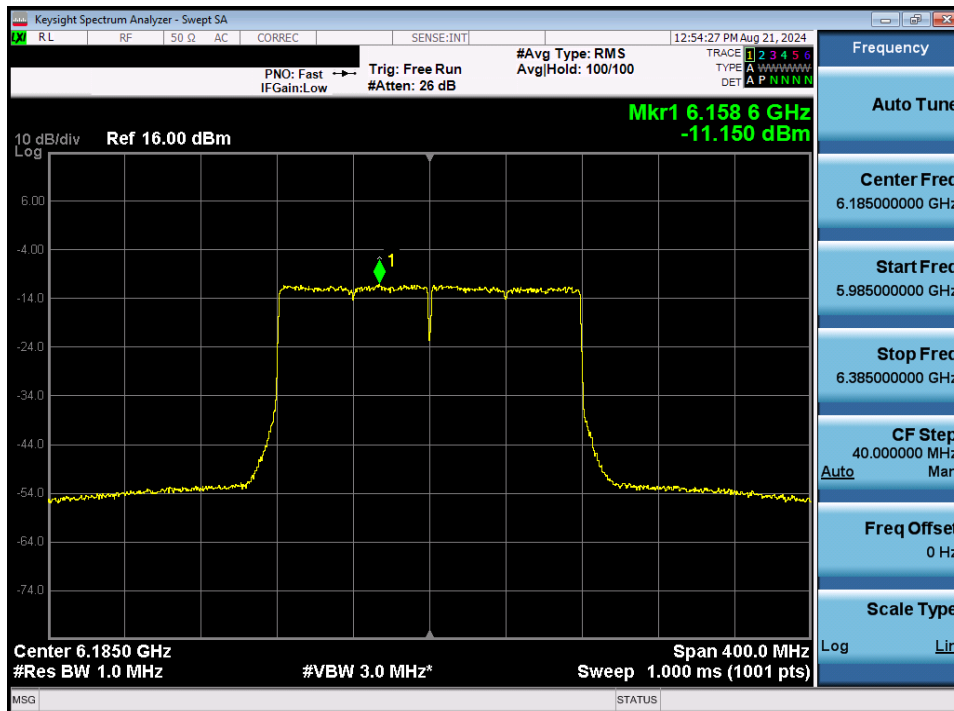


Plot 7-146. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax/be (Full Tones) (UNII Band 5) – Ch. 43) – SP

FCC ID: A3LNP750XQA		MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 121 of 291	

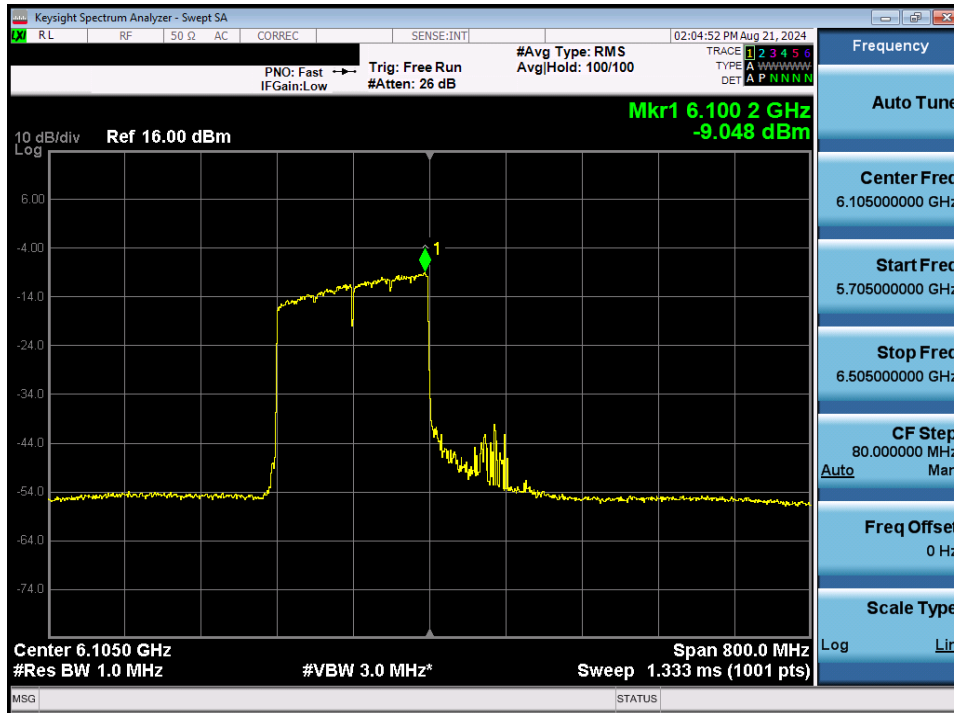


Plot 7-147. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax/be (Full Tones) (UNII Band 5) – Ch. 39) – LPI/SP

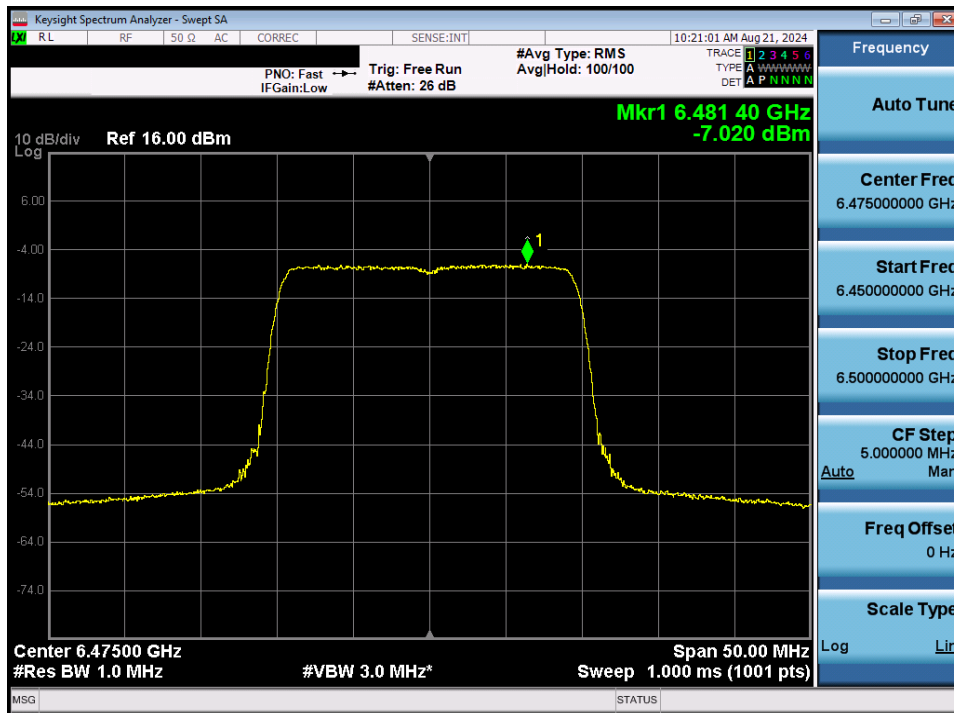


Plot 7-148. Power Spectral Density Plot MIMO ANT1 (160MHz BW 802.11ax/be (Full Tones) (UNII Band 5) – Ch. 47) – LPI/SP

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 122 of 291

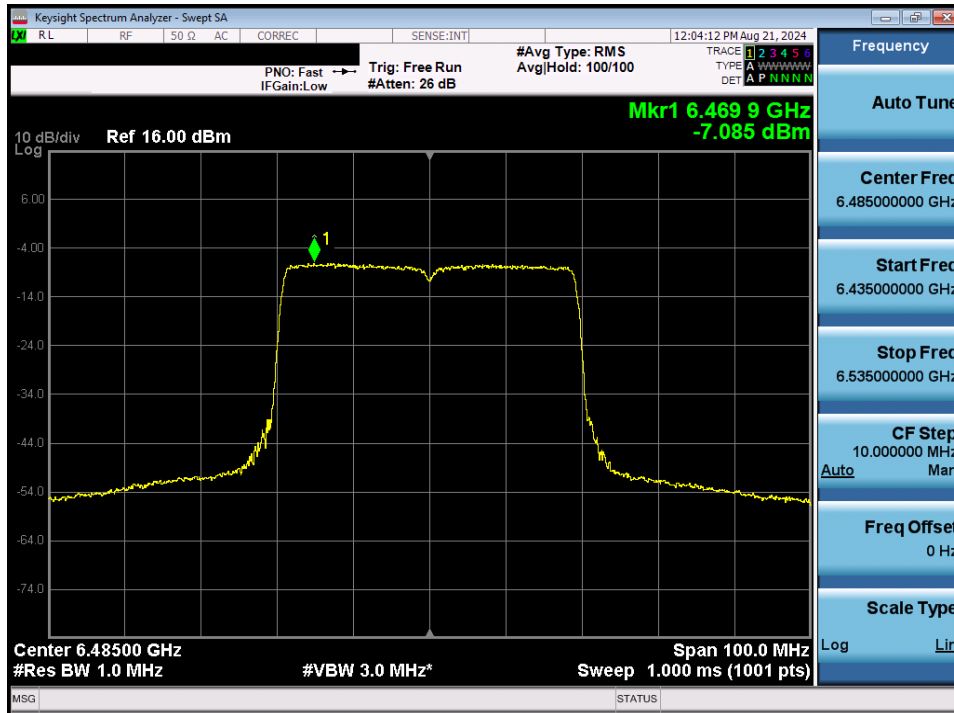


Plot 7-149. Power Spectral Density Plot MIMO ANT1 (320MHz BW 802.11be (Full Tones) (UNII Band 5) – Ch. 31) – LPI/SP

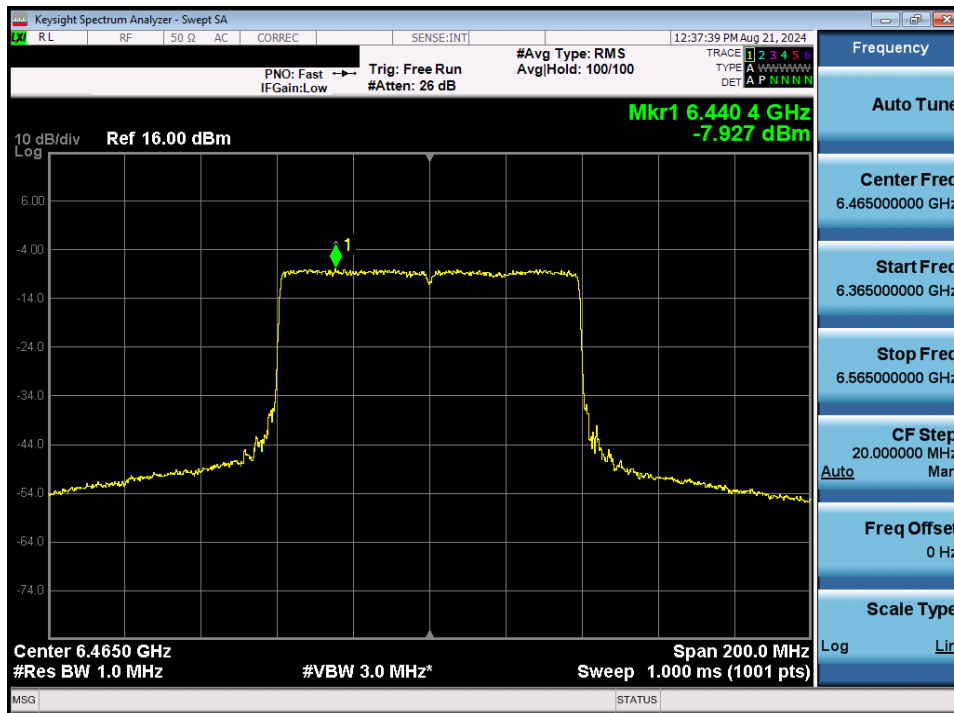


Plot 7-150. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax/be (Full Tones) (UNII Band 6) – Ch. 105) – LPI

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 123 of 291

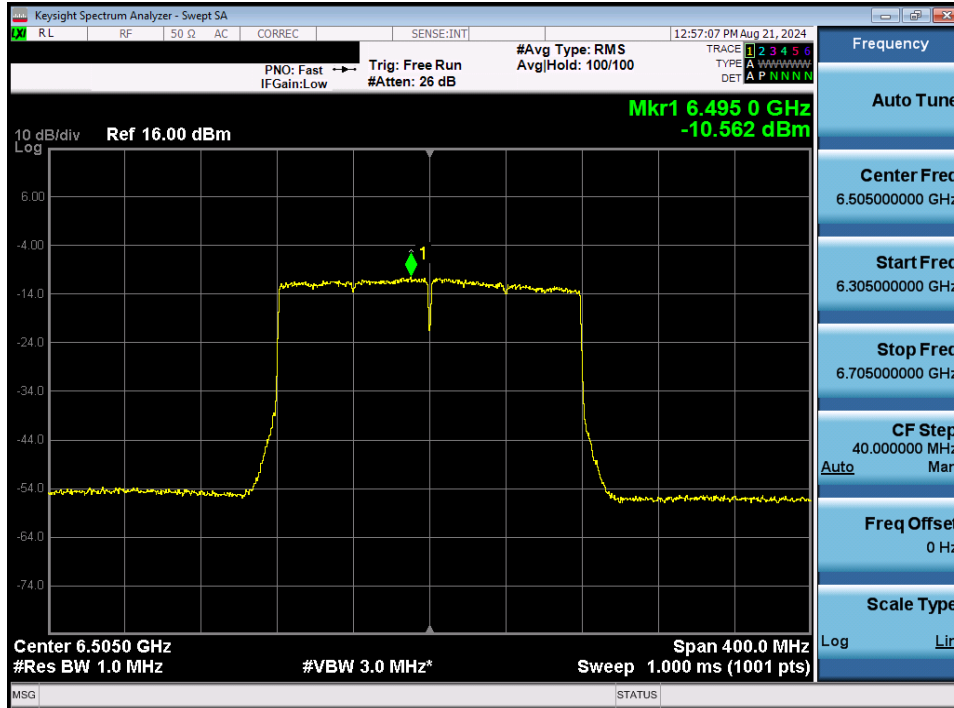


Plot 7-151. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax/be (Full Tones) (UNII Band 6) – Ch. 107) – LPI

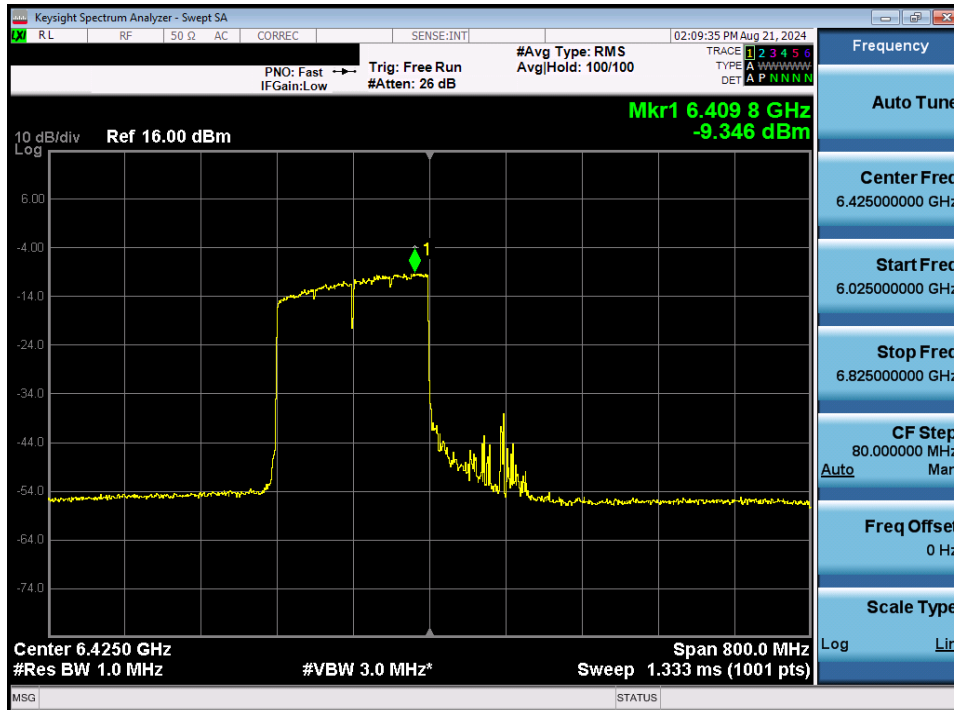


Plot 7-152. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax/be (Full Tones) (UNII Band 6) – Ch. 103) – LPI/SP

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 124 of 291

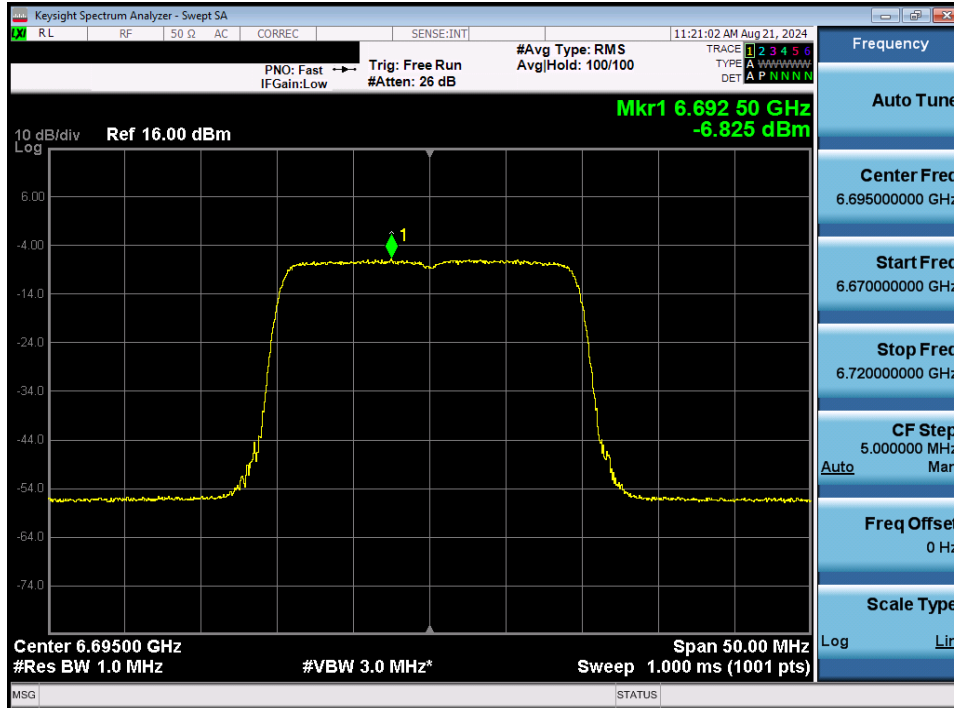


Plot 7-153. Power Spectral Density Plot MIMO ANT1 (160MHz BW 802.11ax/be (Full Tones) (UNII Band 6) – Ch. 111) – LPI/SP

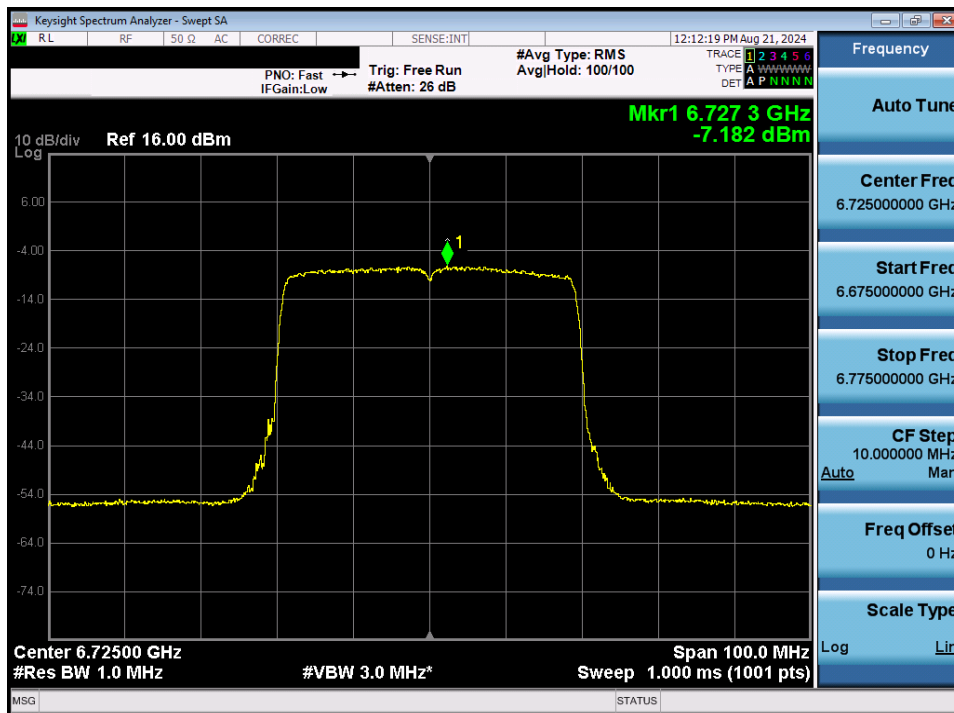


Plot 7-154. Power Spectral Density Plot MIMO ANT1 (320MHz BW 802.11be (Full Tones) (UNII Band 6) – Ch. 95) – LPI/SP

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 125 of 291

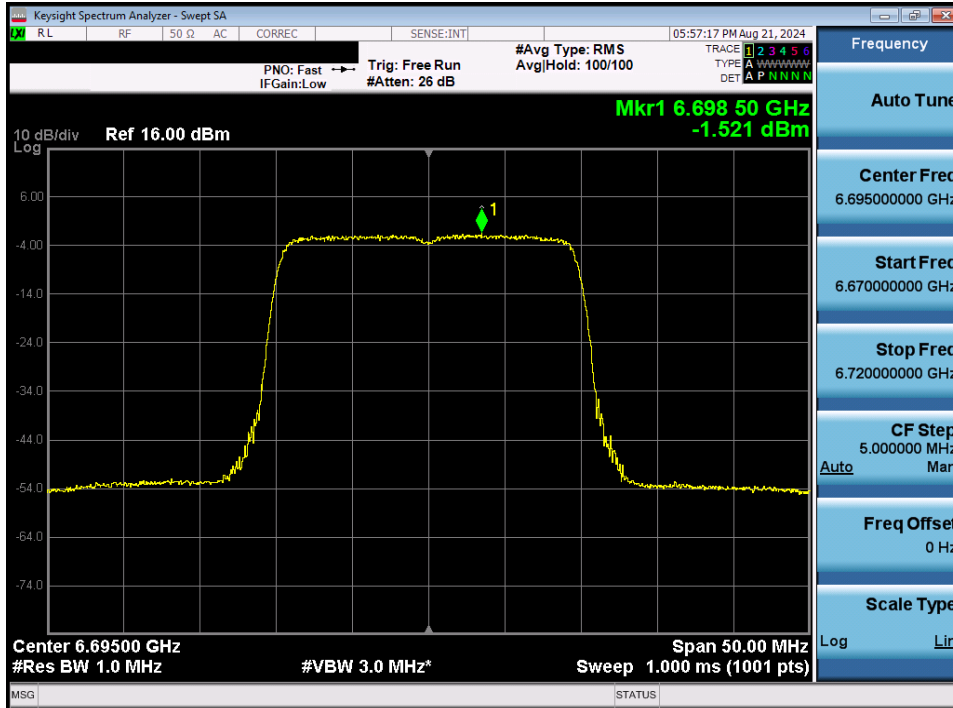


Plot 7-155. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax/be (Full Tones) (UNII Band 7) – Ch. 149) – LPI

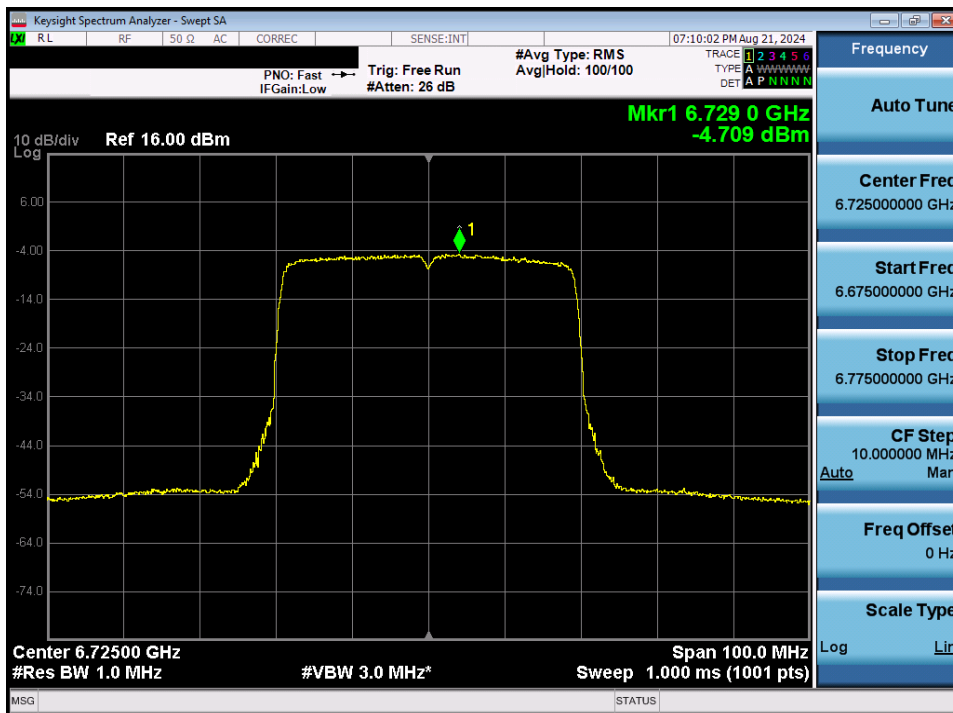


Plot 7-156. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax/be (Full Tones) (UNII Band 7) – Ch. 155) – LPI

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 126 of 291

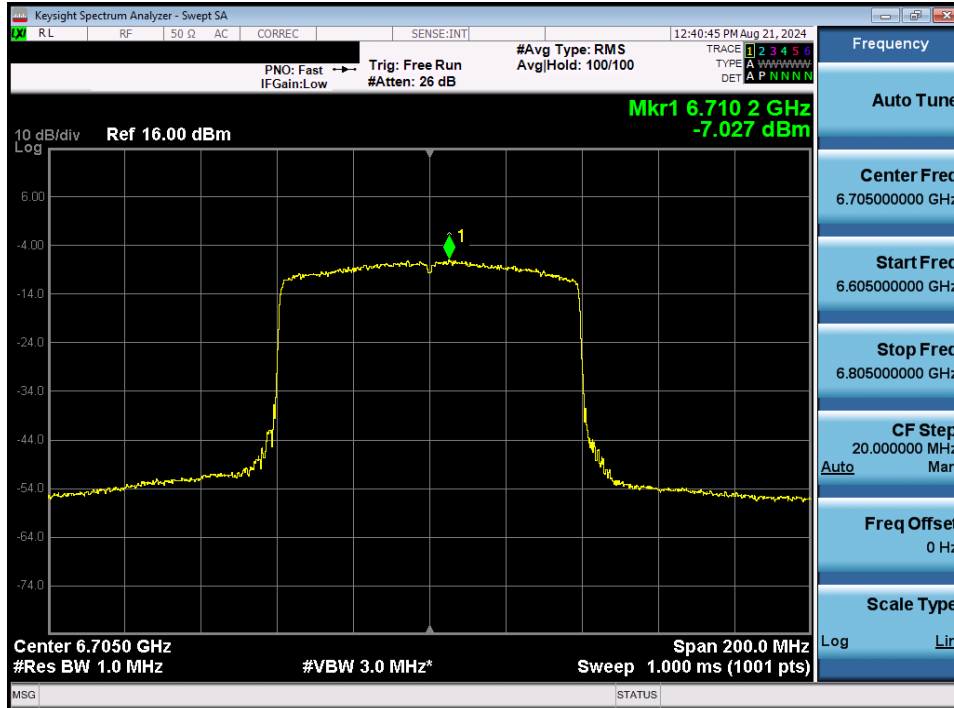


Plot 7-157. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax/be (Full Tones) (UNII Band 7) – Ch. 149) – SP

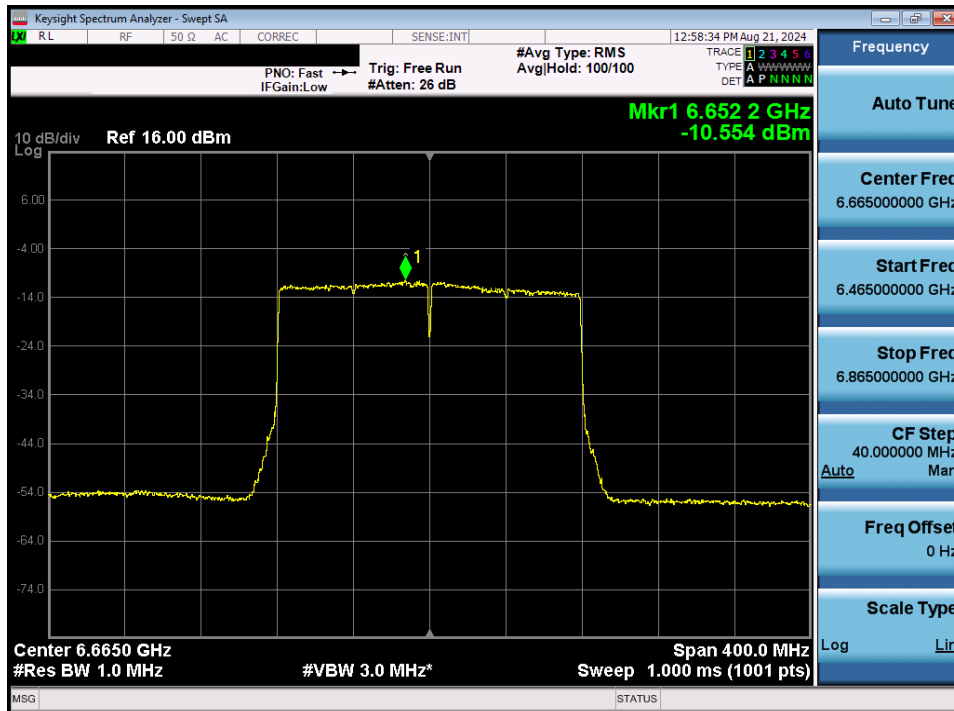


Plot 7-158. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax/be (Full Tones) (UNII Band 7) – Ch. 155) – SP

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 127 of 291

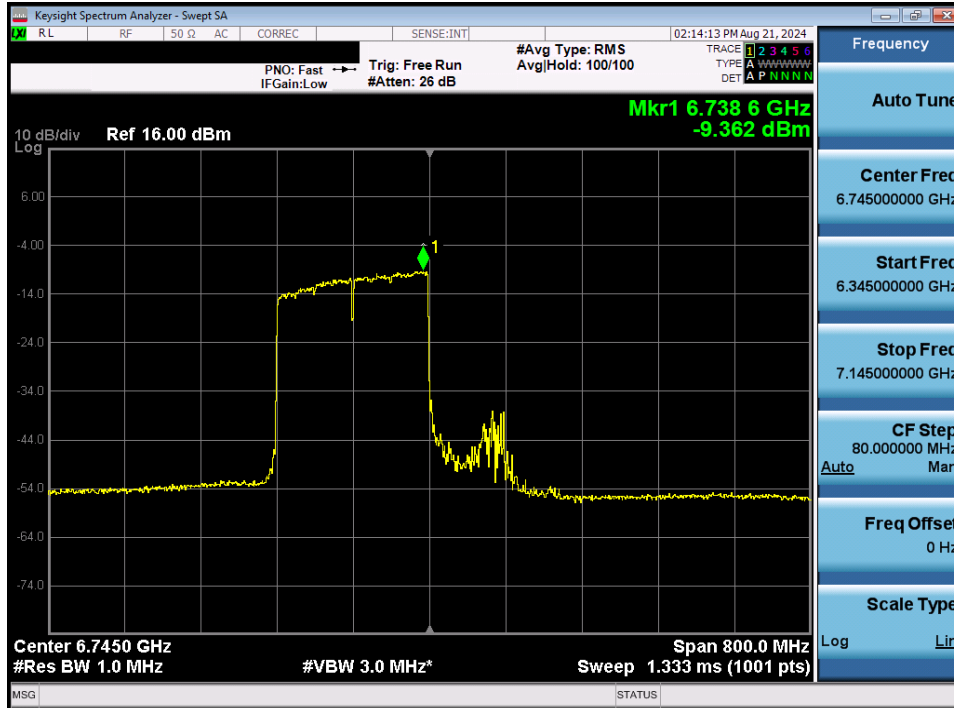


Plot 7-159. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax/be (Full Tones) (UNII Band 7) – Ch. 151) – LPI/SP

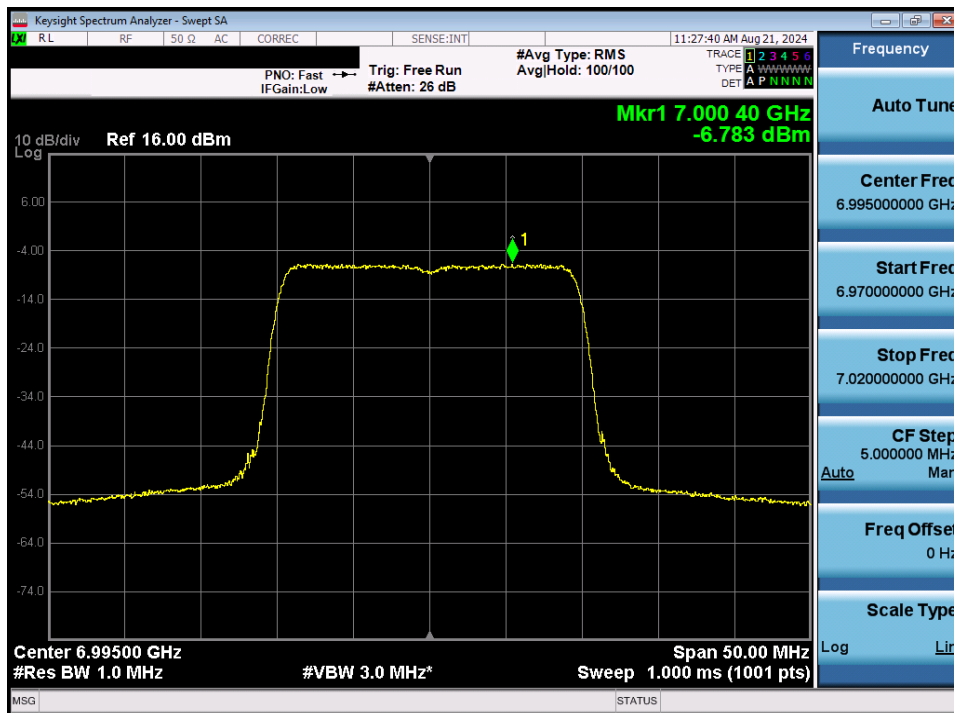


Plot 7-160. Power Spectral Density Plot MIMO ANT1 (160MHz BW 802.11ax/be (Full Tones) (UNII Band 7) – Ch. 143) – LPI/SP

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 128 of 291

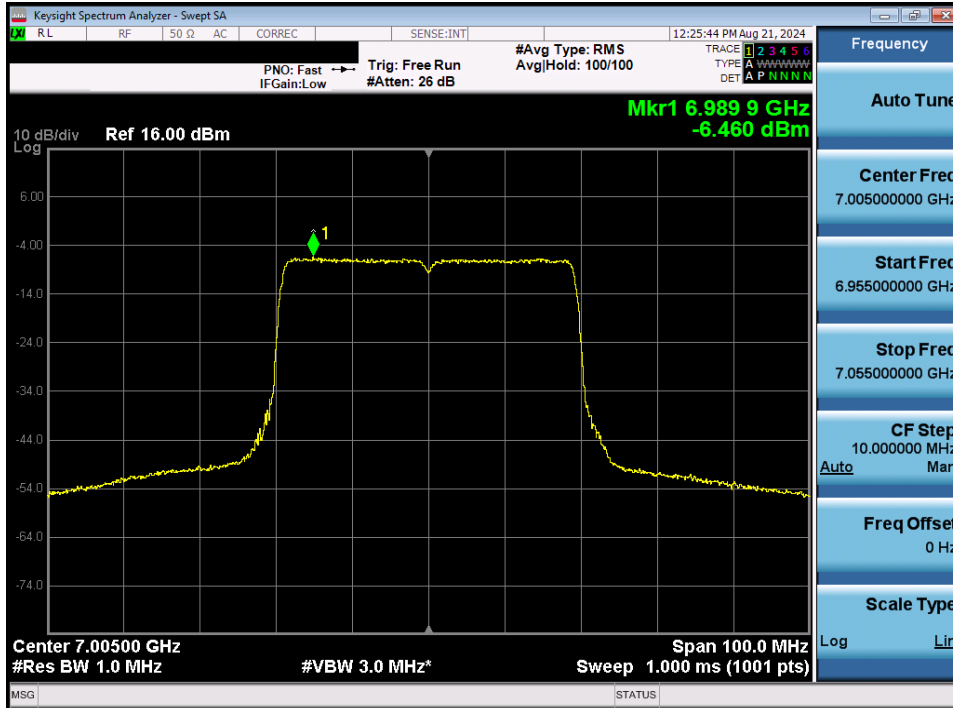


Plot 7-161. Power Spectral Density Plot MIMO ANT1 (320MHz BW 802.11be (Full Tones) (UNII Band 7) – Ch. 159) – LPI/SP

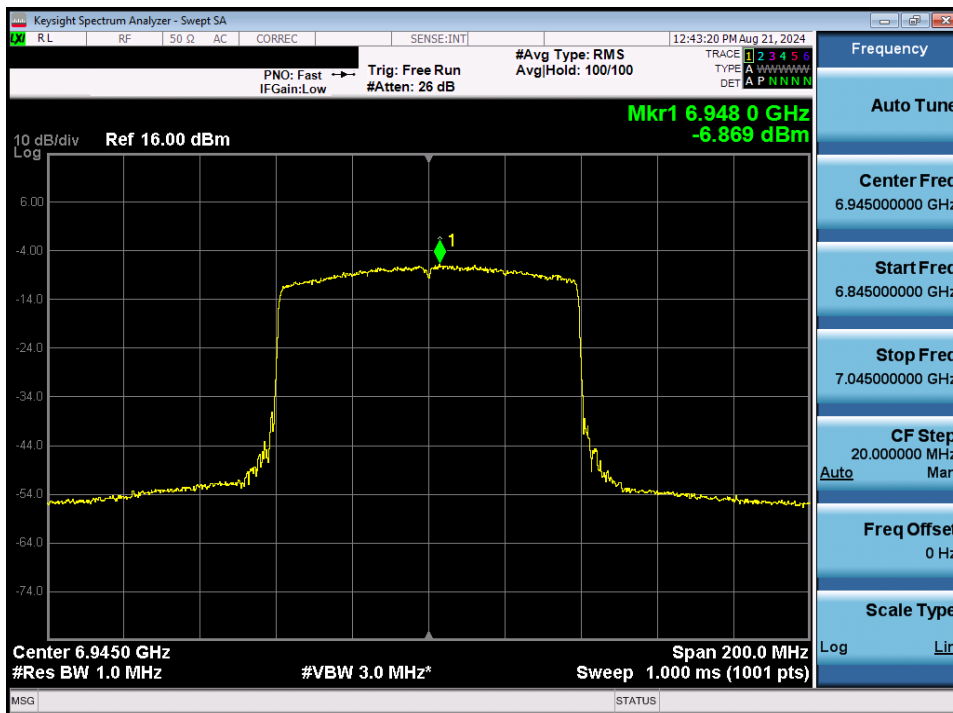


Plot 7-162. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax/be (Full Tones) (UNII Band 8) – Ch. 209) – LPI

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 129 of 291

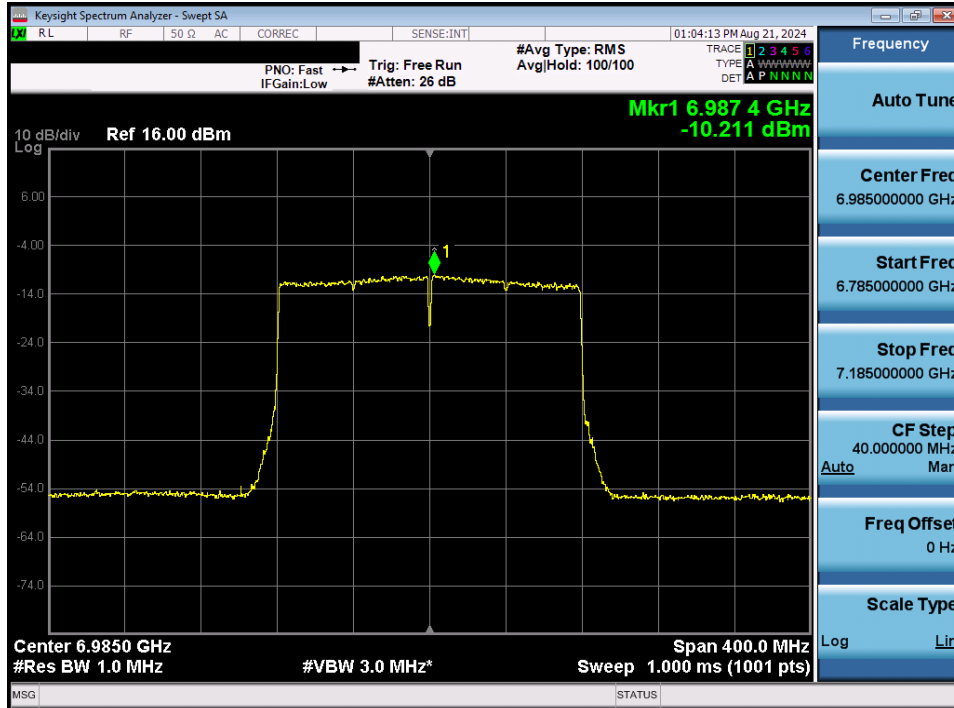


Plot 7-163. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax/be (Full Tones) (UNII Band 8) – Ch. 211) – LPI

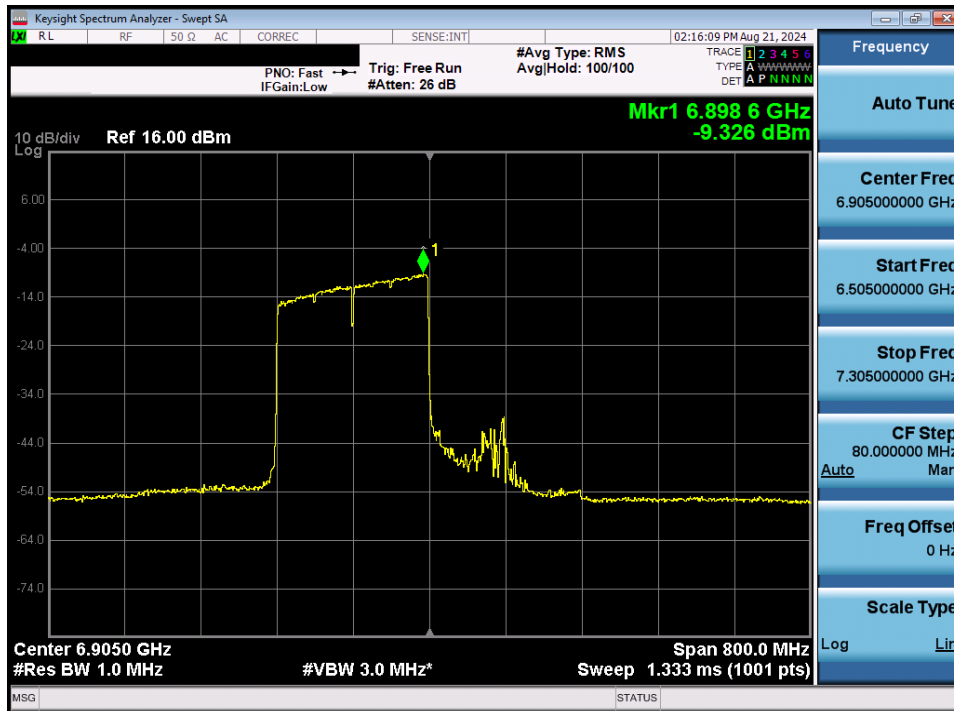


Plot 7-164. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax/be (Full Tones) (UNII Band 8) – Ch. 199) – LPI/SP

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 130 of 291

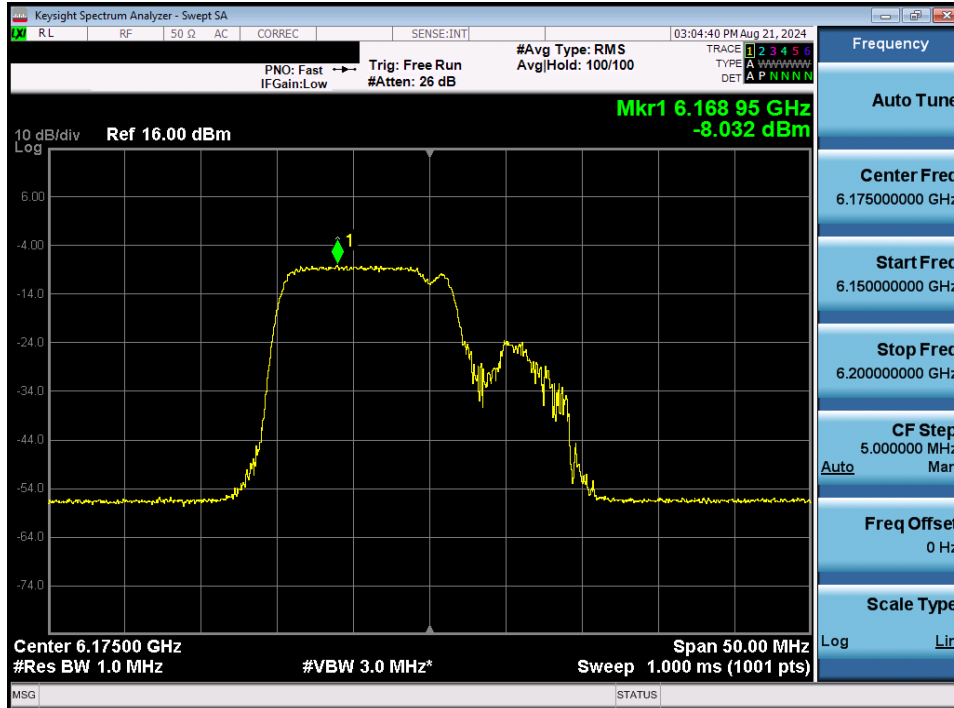


Plot 7-165. Power Spectral Density Plot MIMO ANT1 (160MHz BW 802.11ax/be (Full Tones) (UNII Band 8) – Ch. 207) – LPI/SP

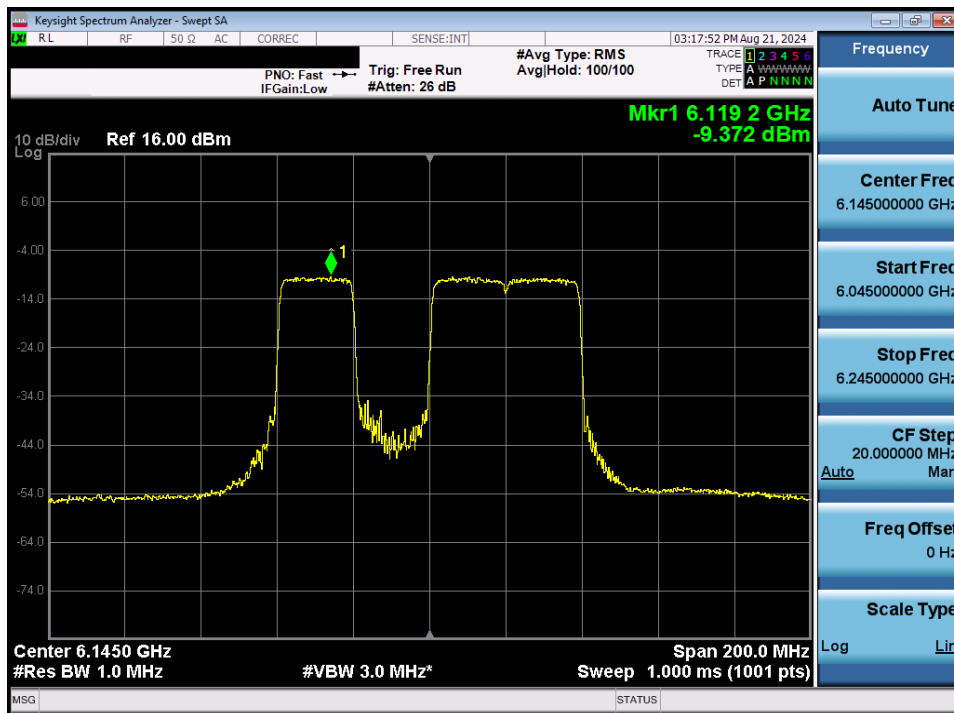


Plot 7-166. Power Spectral Density Plot MIMO ANT1 (320MHz BW 802.11be (Full Tones) (UNII Band 8) – Ch. 191)

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 131 of 291

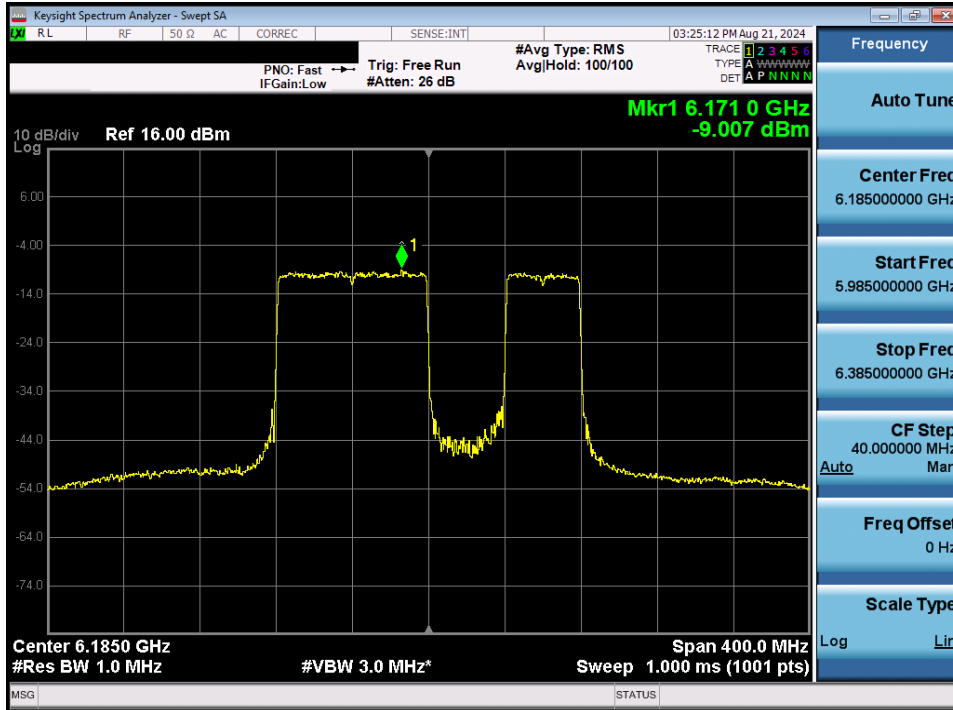


Plot 7-167. Power Spectral Density MIMO ANT1 (20MHz BW 802.11be (52+26 Tones) (UNII Band 5) – Ch. 45)

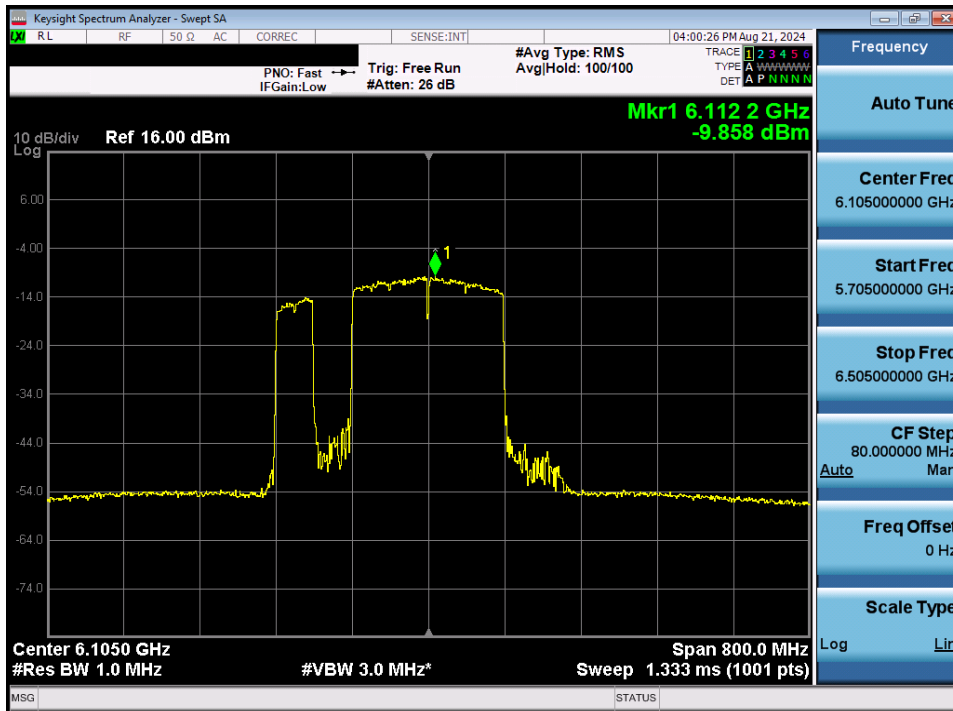


Plot 7-168. Power Spectral Density MIMO ANT1 (80MHz BW 802.11be (484+242 Tones) (UNII Band 5) – Ch. 39)

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 132 of 291

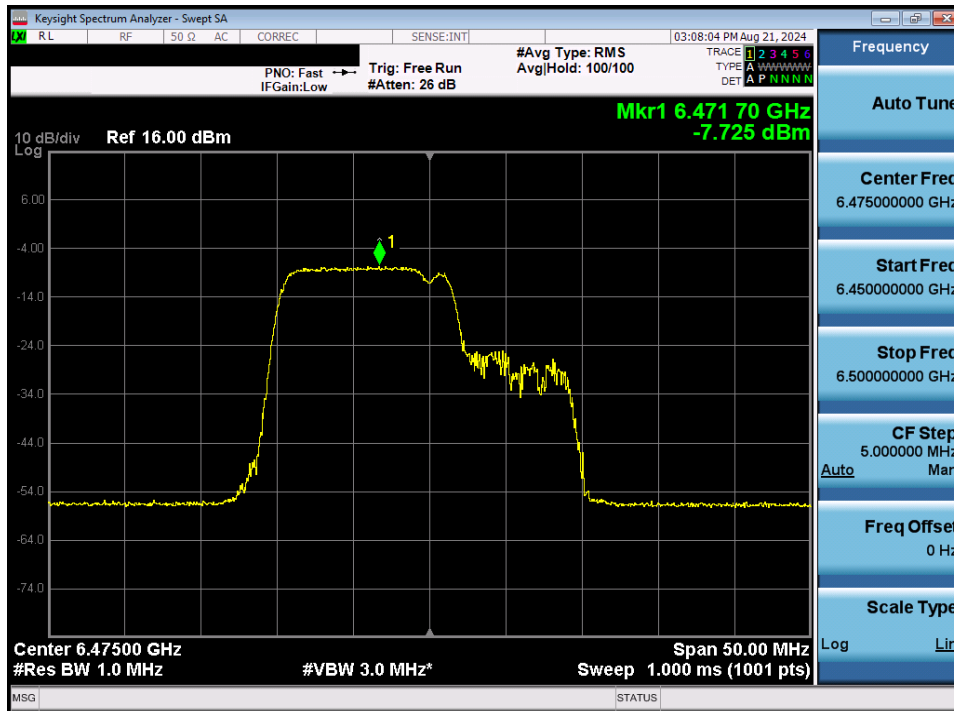


Plot 7-169. Power Spectral Density MIMO ANT1 (160MHz BW 802.11be (996+484 Tones) (UNII Band 5) – Ch. 47)

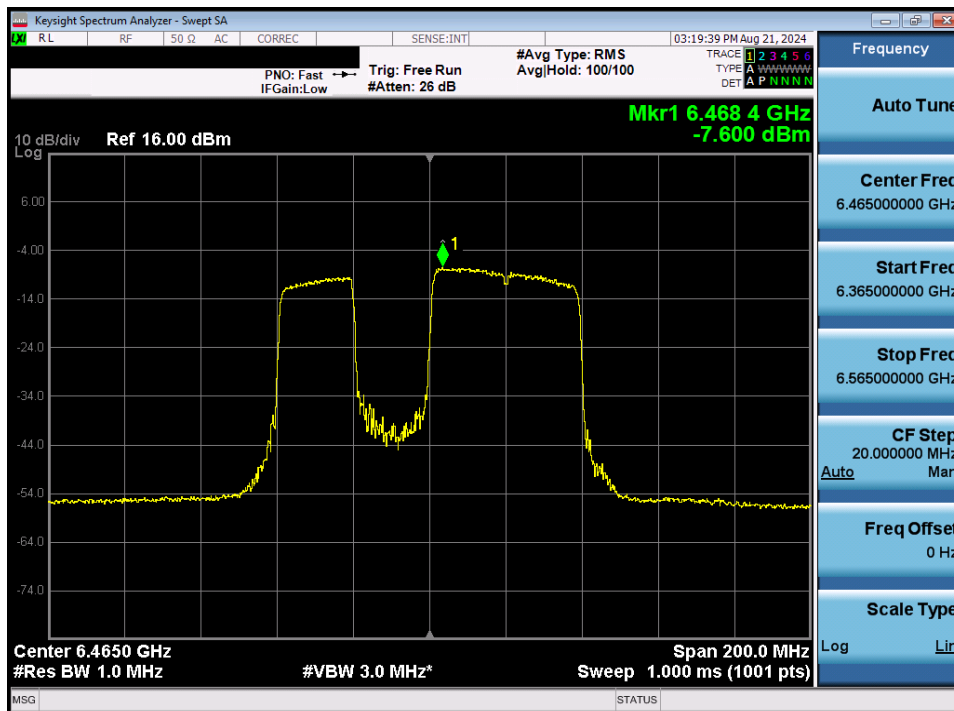


Plot 7-170. Power Spectral Density MIMO ANT1 (320MHz BW 802.11be (2*996+484 Tones) (UNII Band 5) – Ch. 31)

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 133 of 291

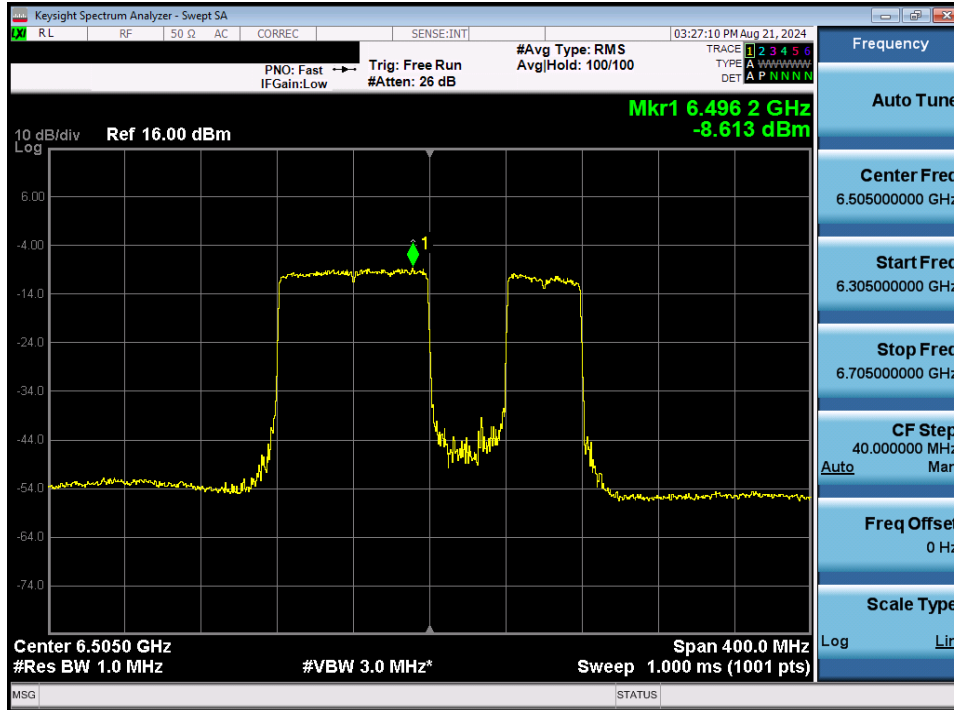


Plot 7-171. Power Spectral Density MIMO ANT1 (20MHz BW 802.11be (106+26 Tones) (UNII Band 6) – Ch. 105)

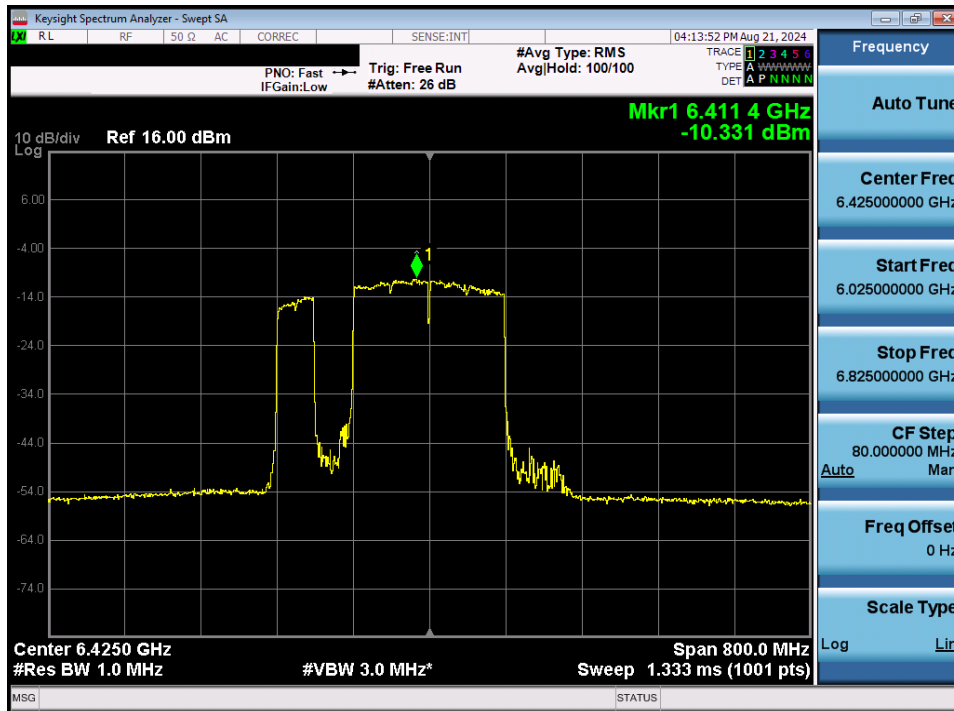


Plot 7-172. Power Spectral Density MIMO ANT1 (80MHz BW 802.11be (484+242 Tones) (UNII Band 6) – Ch. 103)

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 134 of 291



Plot 7-173. Power Spectral Density MIMO ANT1 (160MHz BW 802.11be (996+484 Tones) (UNII Band 6) – Ch. 111)

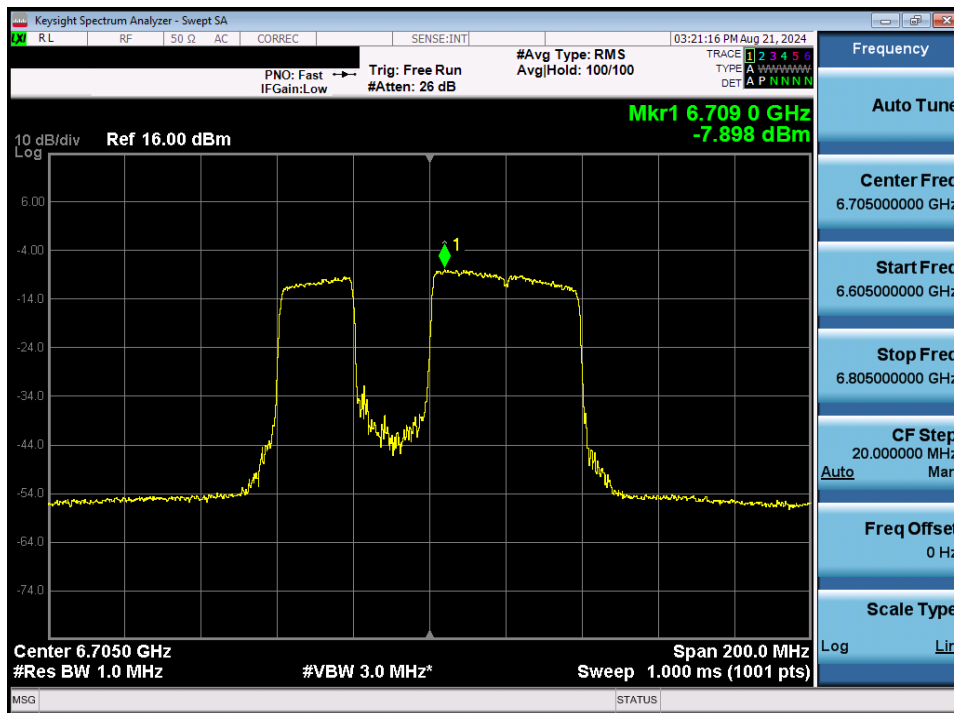


Plot 7-174. Power Spectral Density MIMO ANT1 (320MHz BW 802.11be (2*996+484 Tones) (UNII Band 6) – Ch. 95)

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 135 of 291

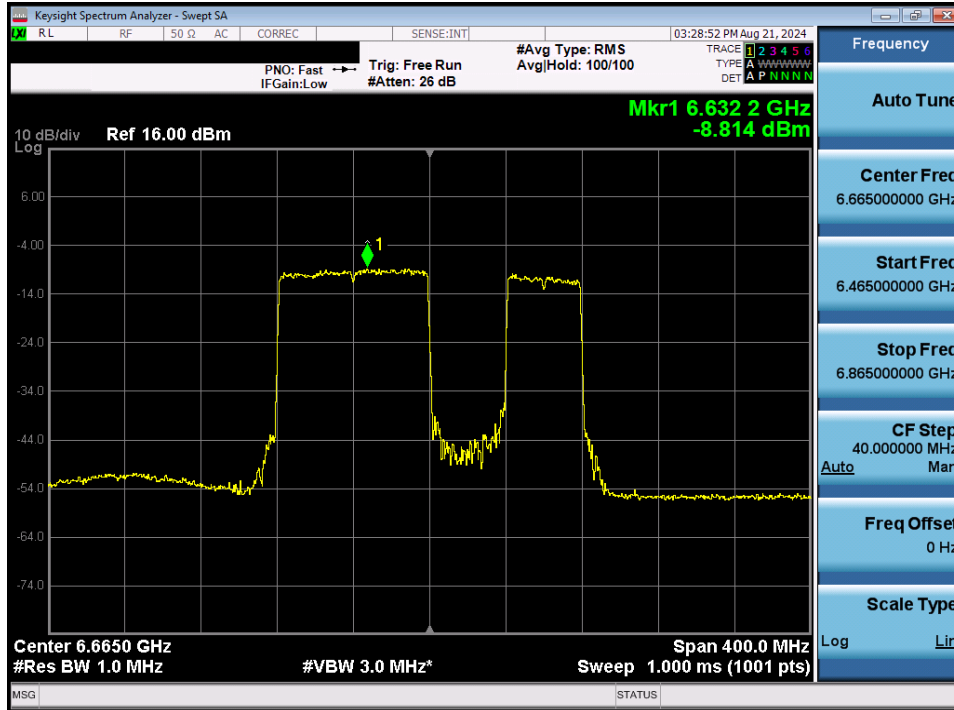


Plot 7-175. Power Spectral Density MIMO ANT1 (20MHz BW 802.11be (106+26 Tones) (UNII Band 7) – Ch. 149)

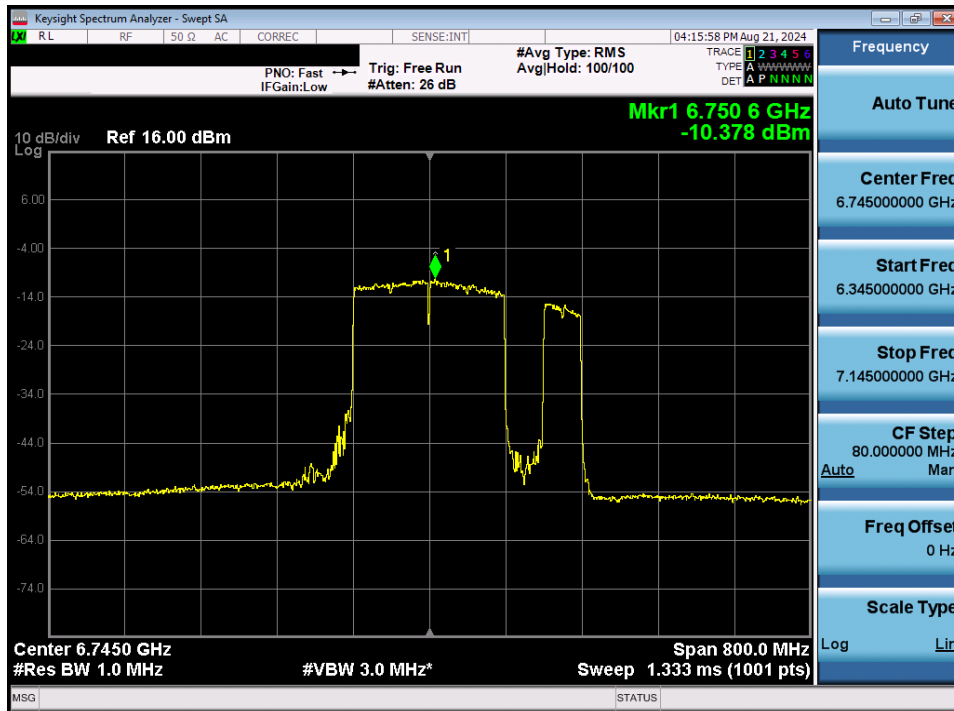


Plot 7-176. Power Spectral Density MIMO ANT1 (80MHz BW 802.11be (484+242 Tones) (UNII Band 7) – Ch. 151)

FCC ID: A3LNP750XQA		MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 136 of 291	

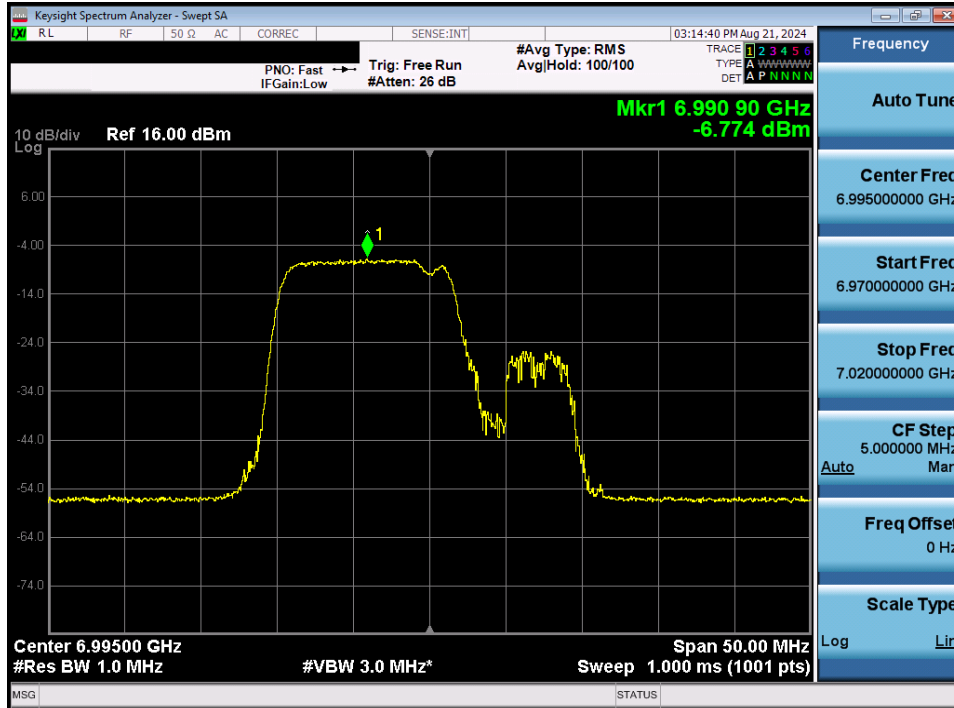


Plot 7-177. Power Spectral Density MIMO ANT1 (160MHz BW 802.11be (996+484 Tones) (UNII Band 7) – Ch. 143)

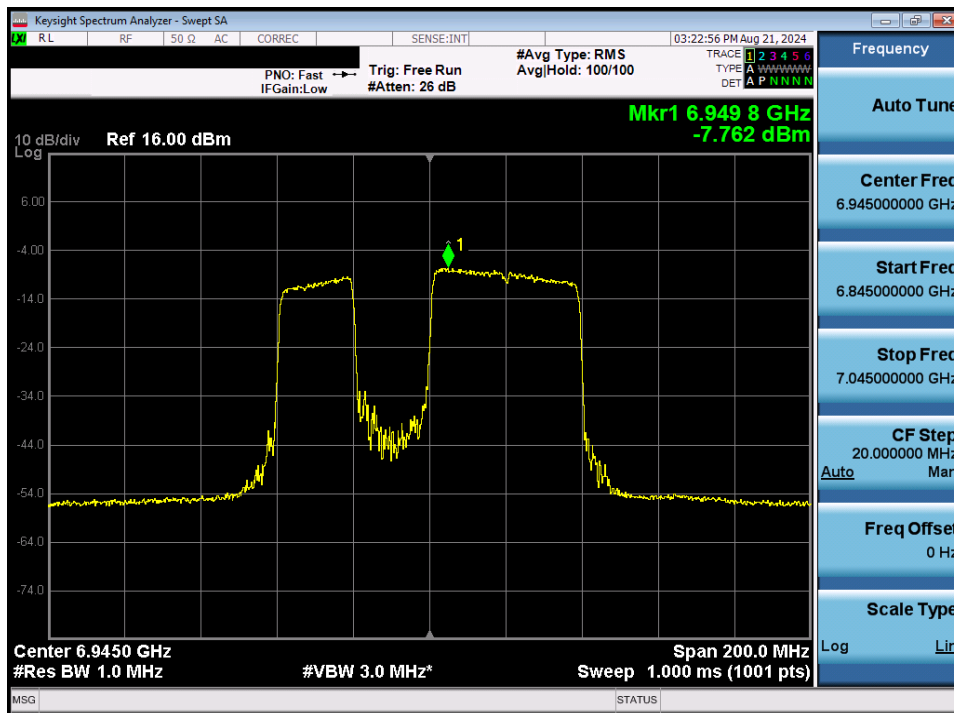


Plot 7-178. Power Spectral Density MIMO ANT1 (320MHz BW 802.11be (2*996+484 Tones) (UNII Band 7) – Ch. 159)

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 137 of 291

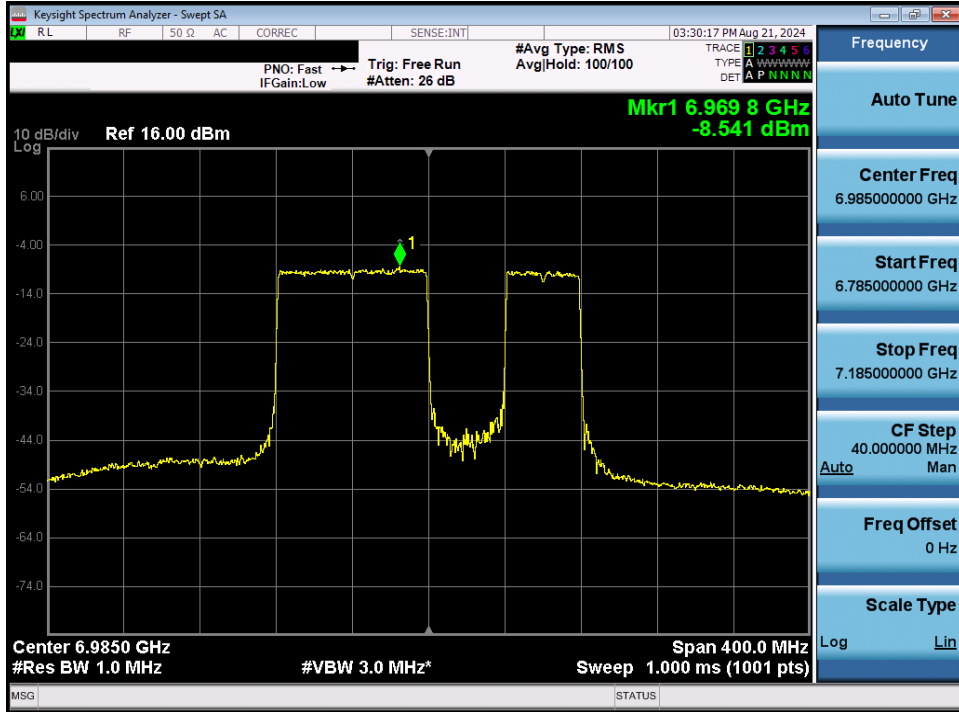


Plot 7-179. Power Spectral Density MIMO ANT1 (20MHz BW 802.11be (106+26 Tones) (UNII Band 8) – Ch. 209)

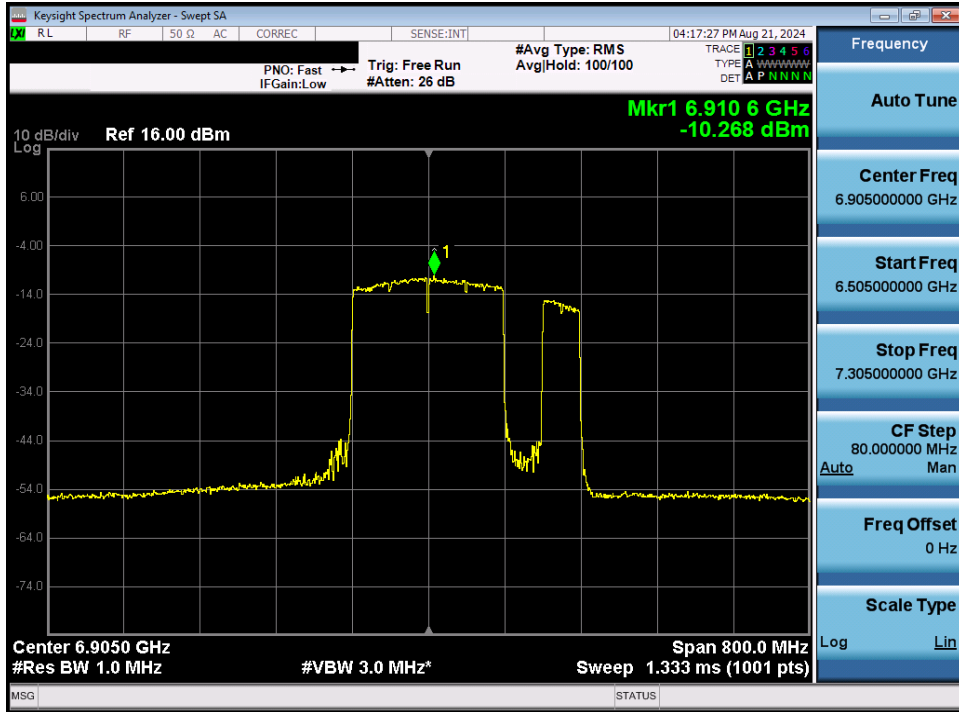


Plot 7-180. Power Spectral Density MIMO ANT1 (80MHz BW 802.11be (484+242 Tones) (UNII Band 8) – Ch. 199)

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 138 of 291



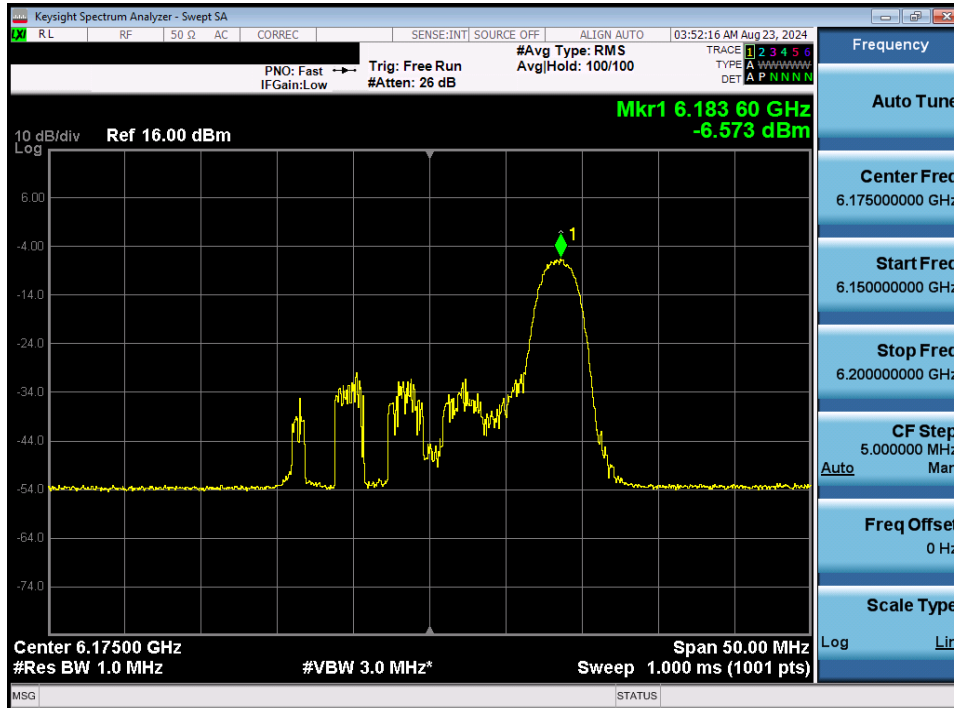
Plot 7-181. Power Spectral Density MIMO ANT1 (160MHz BW 802.11be (996+484 Tones) (UNII Band 8) – Ch. 207)



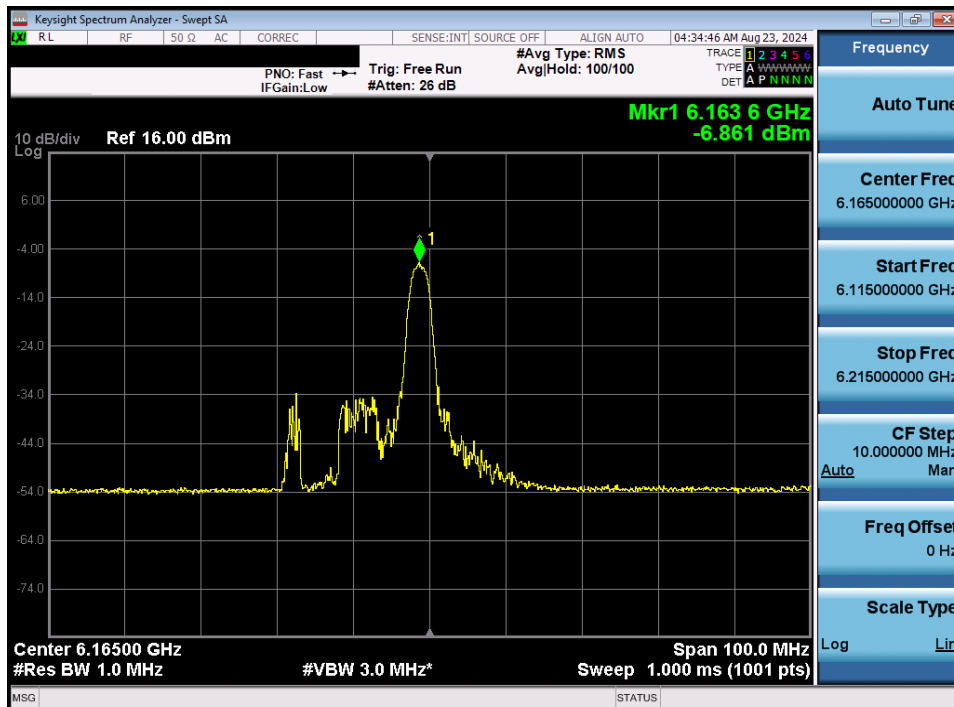
Plot 7-182. Power Spectral Density MIMO ANT1 (320MHz BW 802.11be (2*996+484 Tones) (UNII Band 8) – Ch. 191)

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 139 of 291

7.4.2 MIMO Antenna-2 Power Spectral Density Measurements

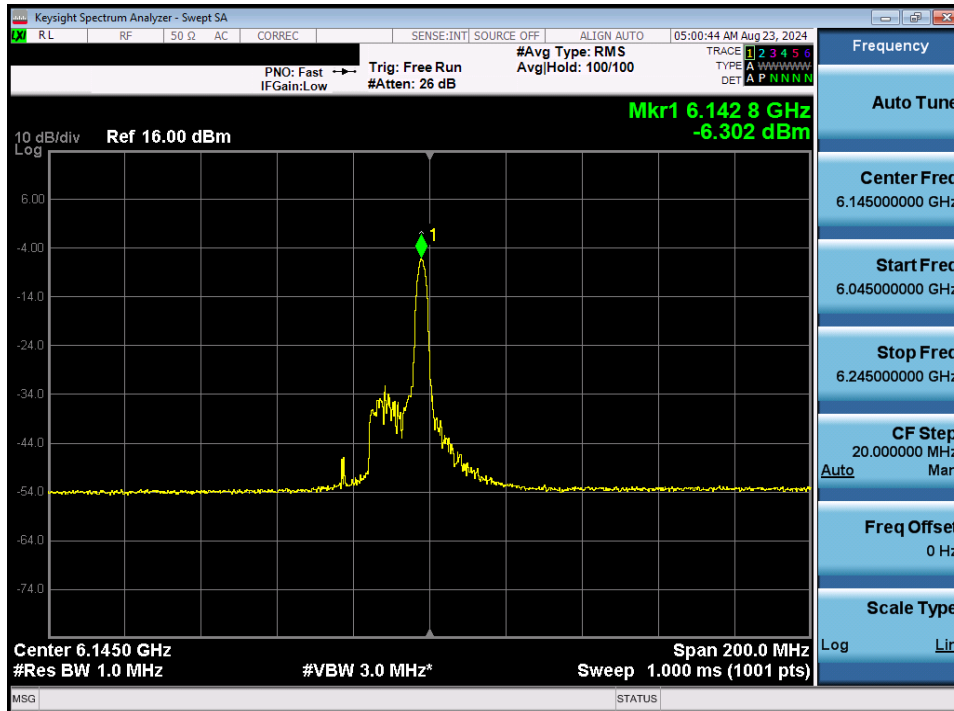


Plot 7-183. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 45) – LPI

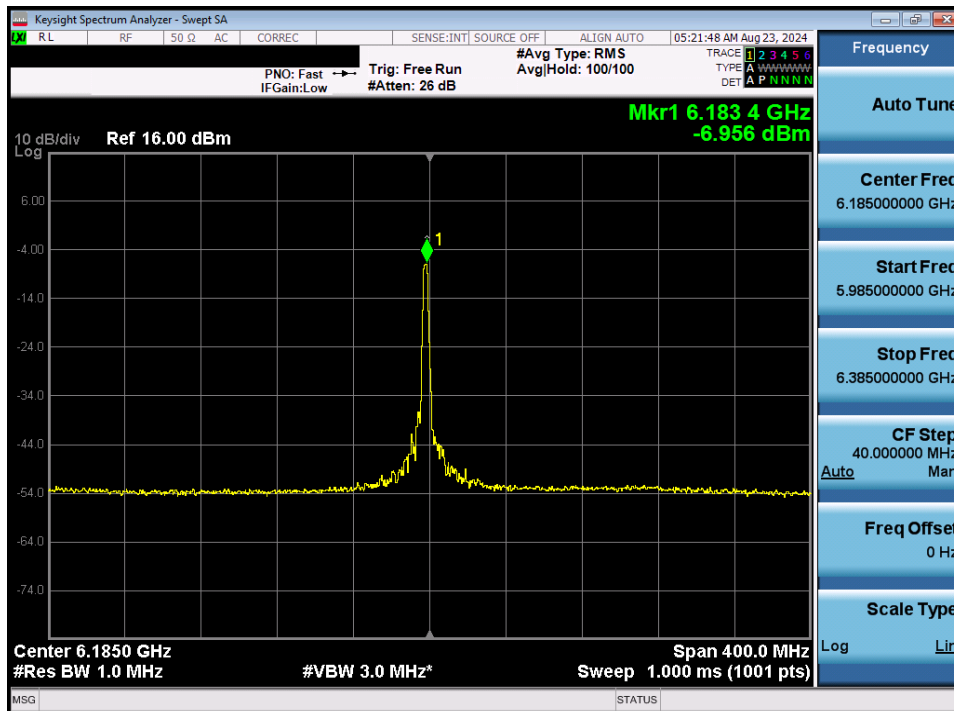


Plot 7-184. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 43) – LPI

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 140 of 291

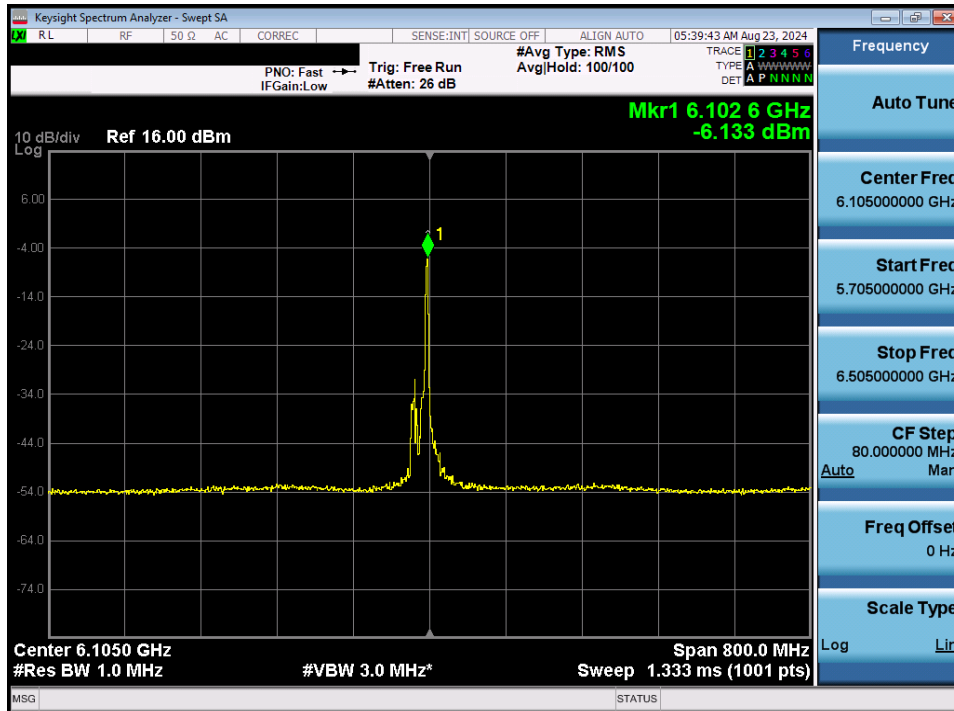


Plot 7-185. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 39) – LPI

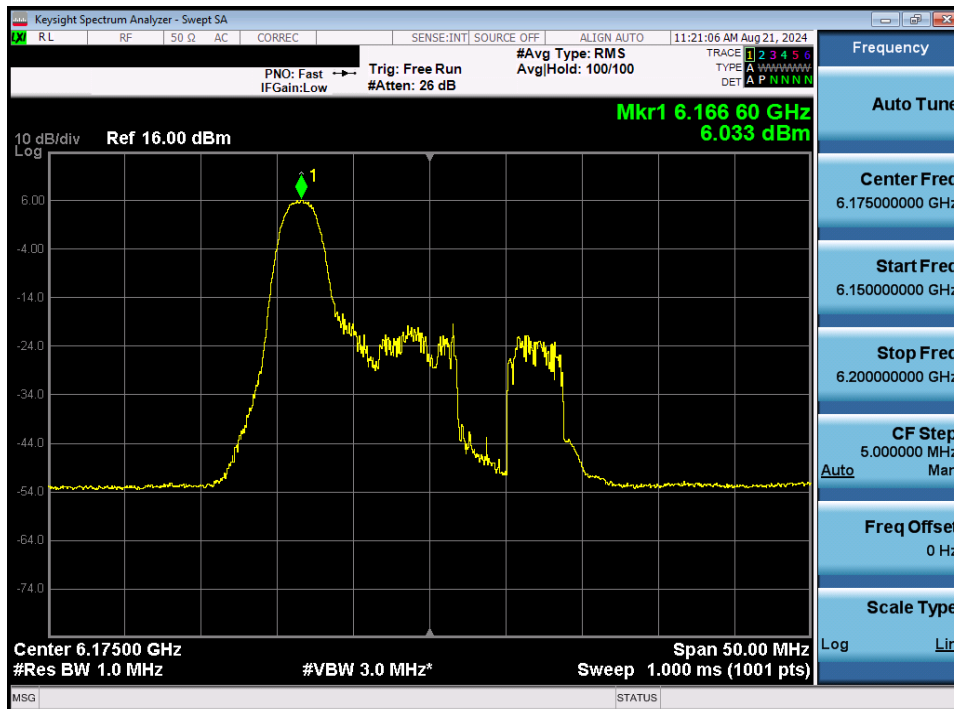


Plot 7-186. Power Spectral Density Plot MIMO ANT2 (160MHz BW 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 47) – LPI

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
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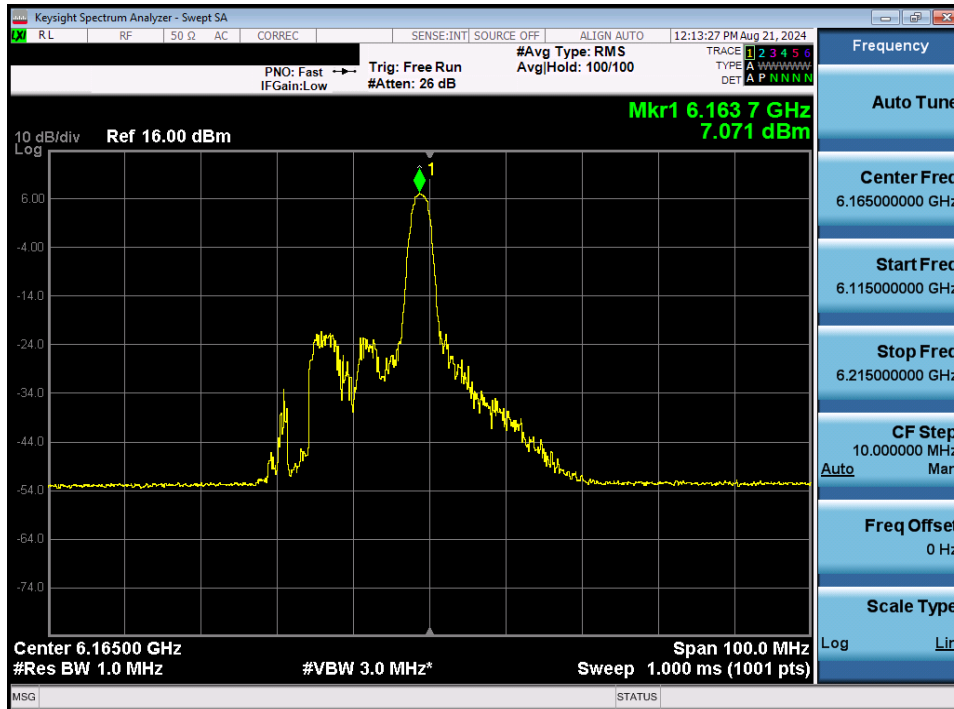


Plot 7-187. Power Spectral Density Plot MIMO ANT2 (320MHz BW 802.11be (26 Tones) (UNII Band 5) – Ch. 31) – LPI

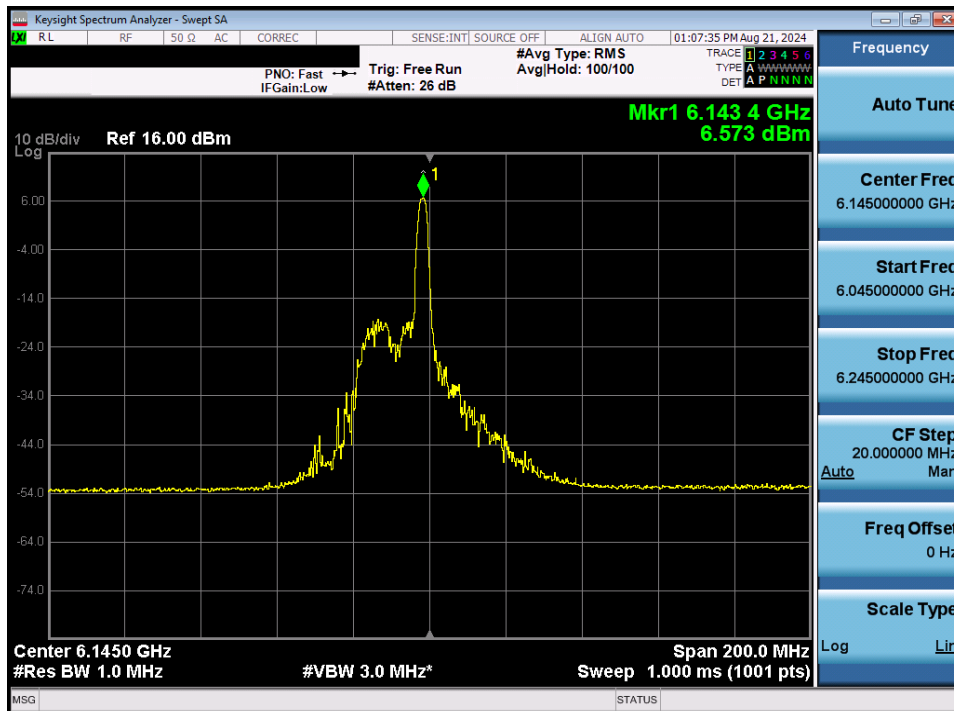


Plot 7-188. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 45) – SP

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 142 of 291

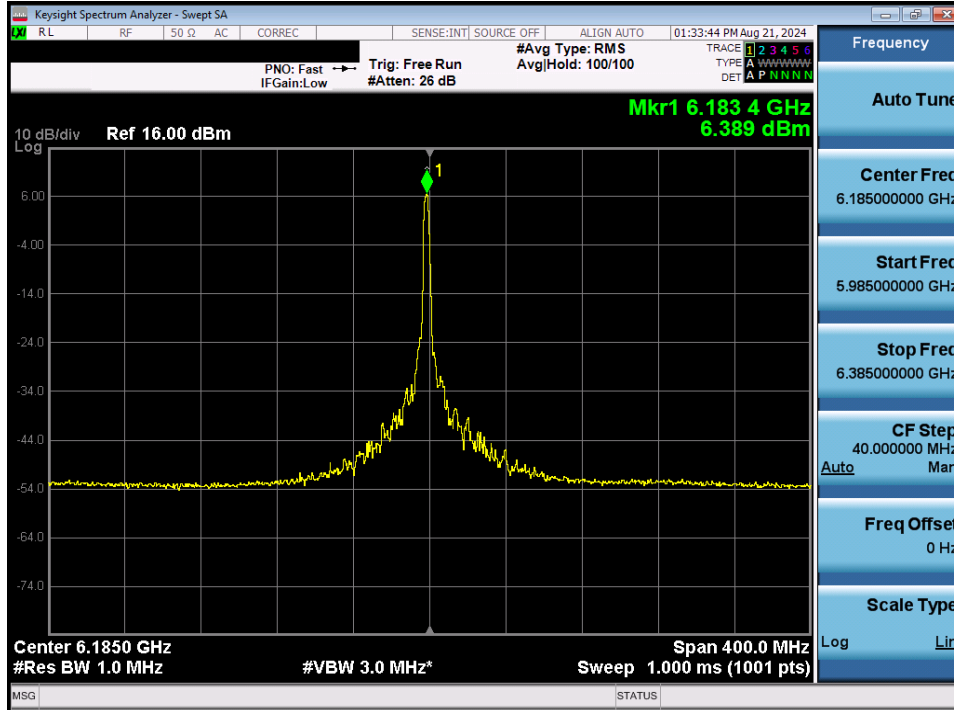


Plot 7-189. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 43) – SP

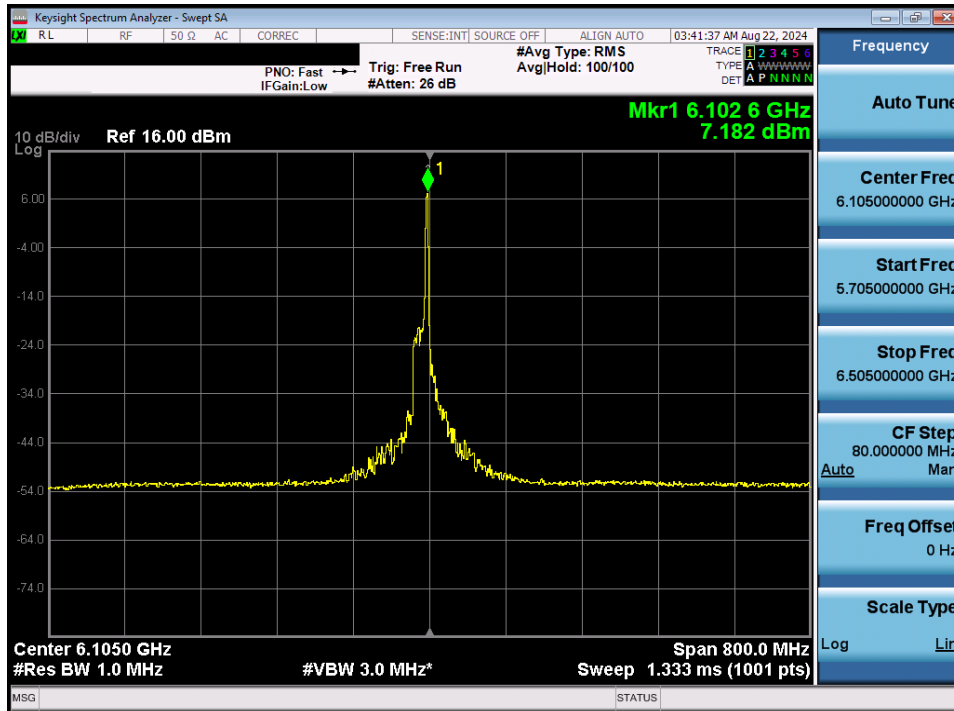


Plot 7-190. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 39) – SP

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 143 of 291

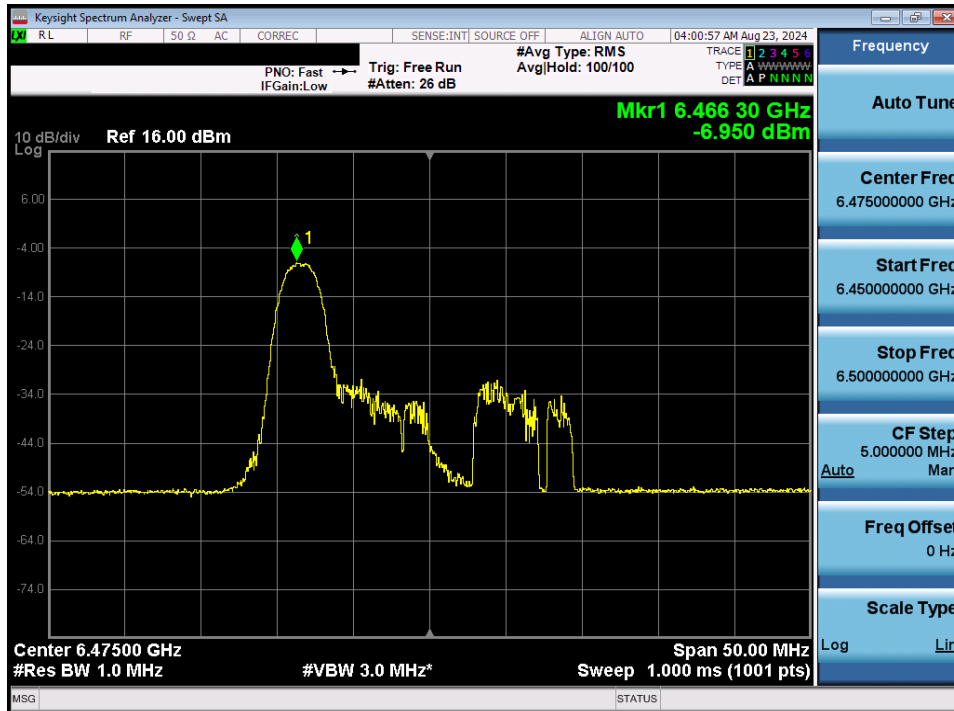


Plot 7-191. Power Spectral Density Plot MIMO ANT2 (160MHz BW 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 47) – SP

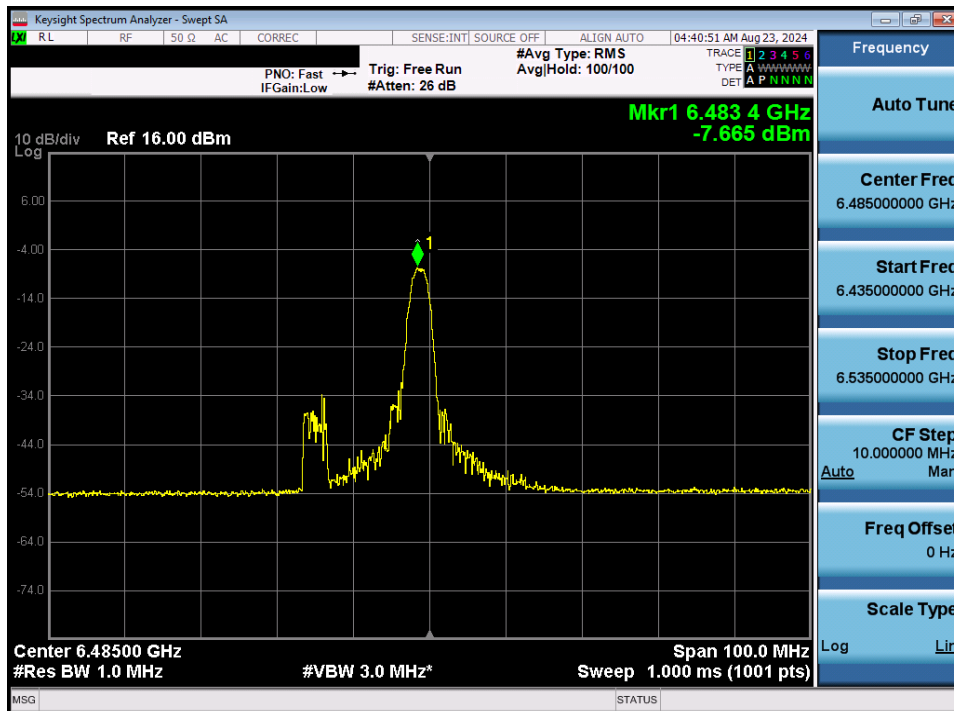


Plot 7-192. Power Spectral Density Plot MIMO ANT2 (320MHz BW 802.11be (26 Tones) (UNII Band 5) – Ch. 31) – SP

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
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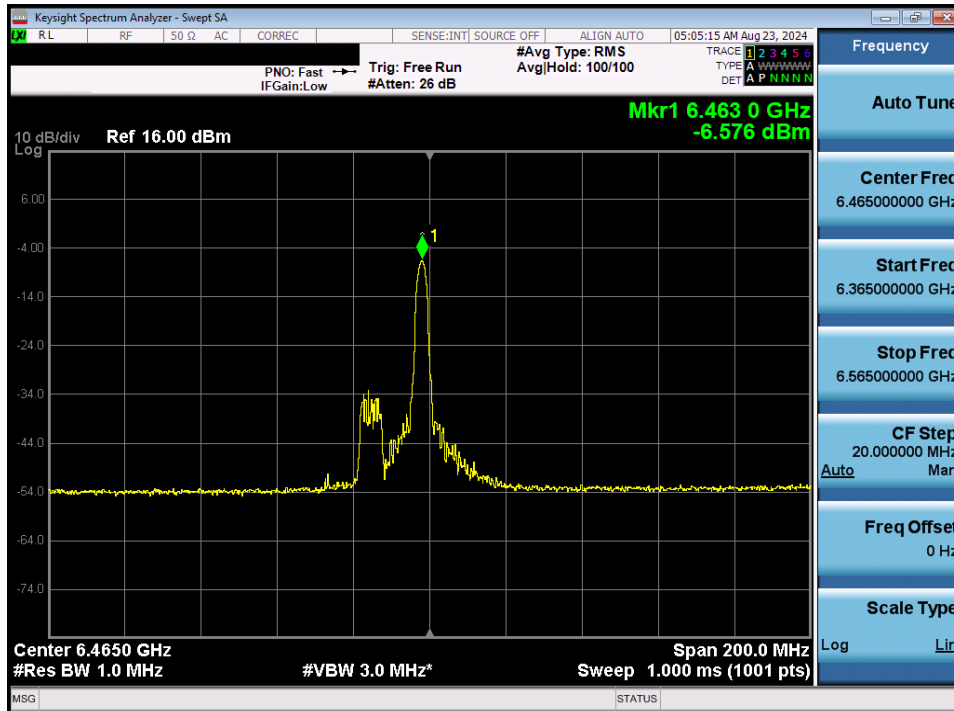


Plot 7-193. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax/be (26 Tones) (UNII Band 6) – Ch. 105) – LPI

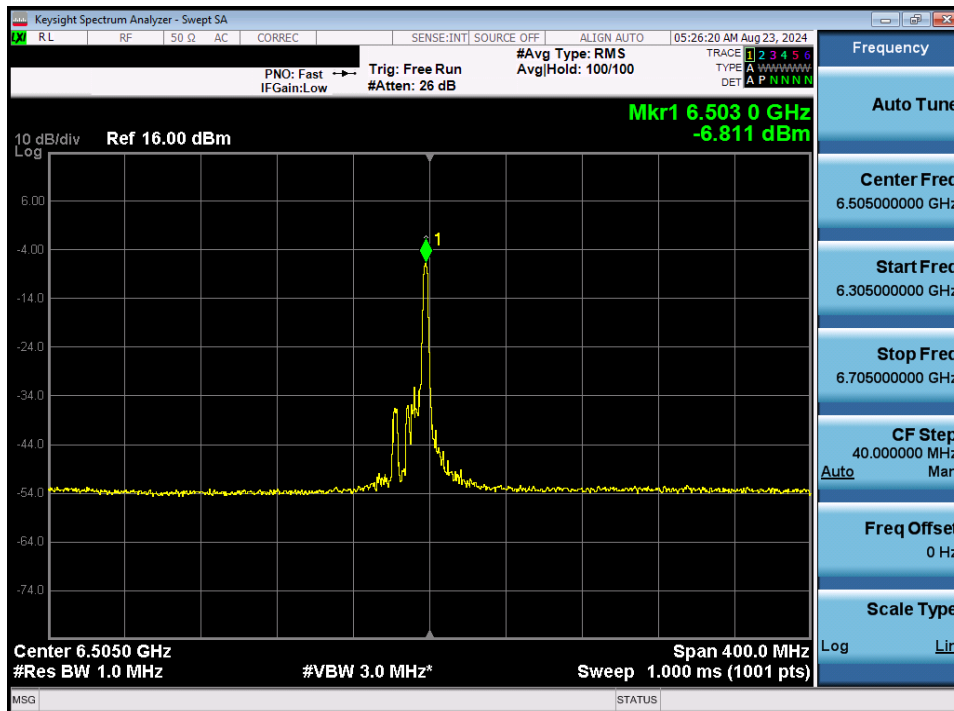


Plot 7-194. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax/be (26 Tones) (UNII Band 6) – Ch. 107) – LPI

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 145 of 291

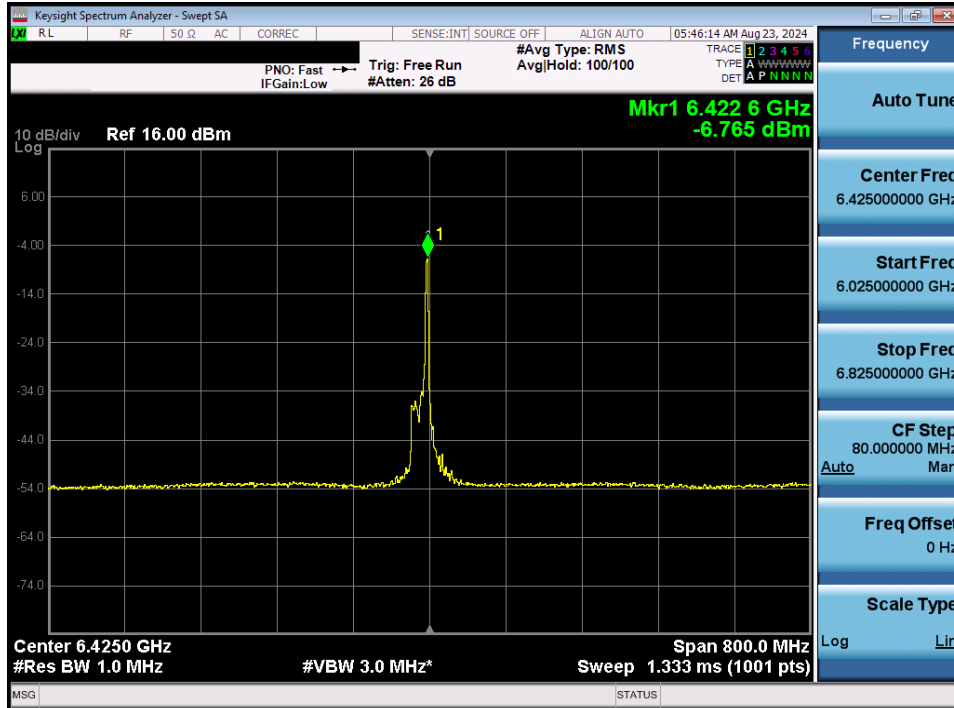


Plot 7-195. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax/be (26 Tones) (UNII Band 6) – Ch. 103) – LPI



Plot 7-196. Power Spectral Density Plot MIMO ANT2 (160MHz BW 802.11ax/be (26 Tones) (UNII Band 6) – Ch. 111) – LPI

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 146 of 291

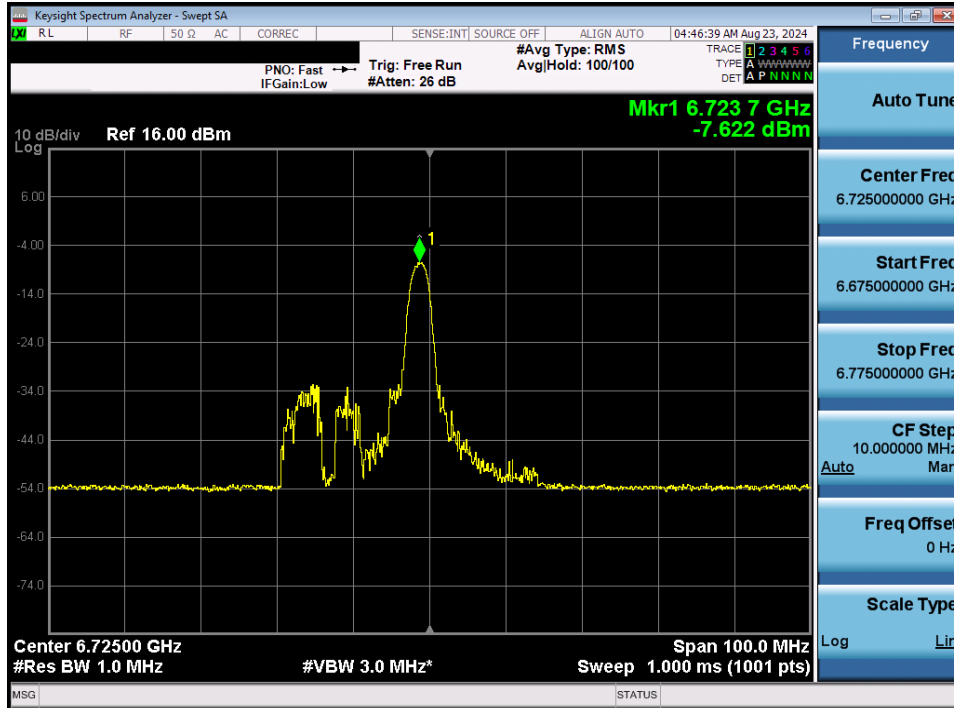


Plot 7-197. Power Spectral Density Plot MIMO ANT2 (320MHz BW 802.11be (26 Tones) (UNII Band 6) – Ch. 95) – LPI

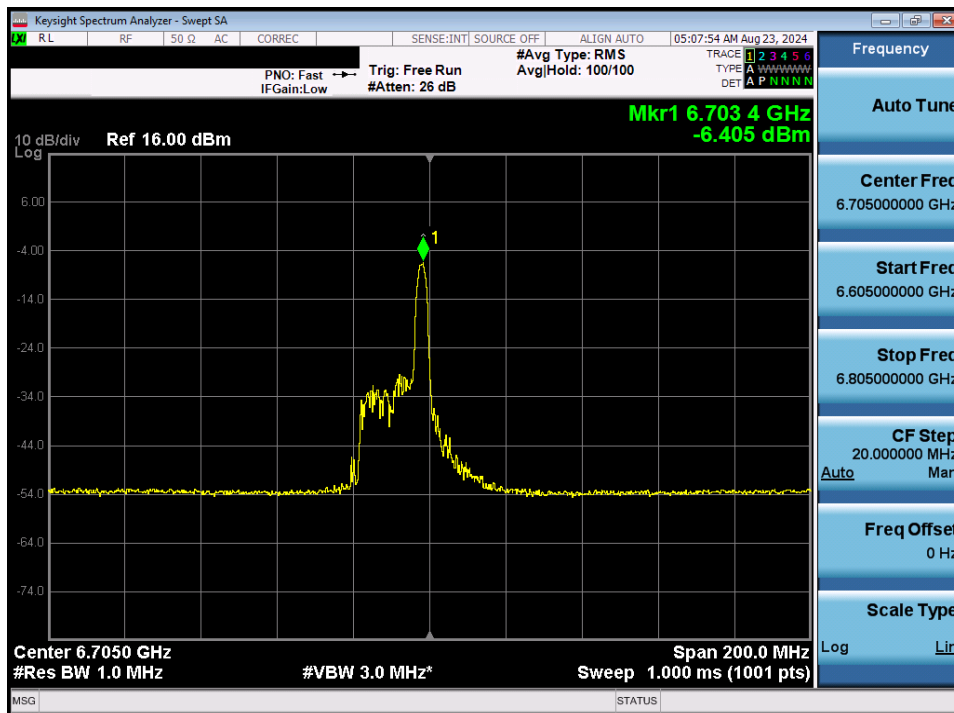


Plot 7-198. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax/be (26 Tones) (UNII Band 7) – Ch. 149) – LPI

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 147 of 291

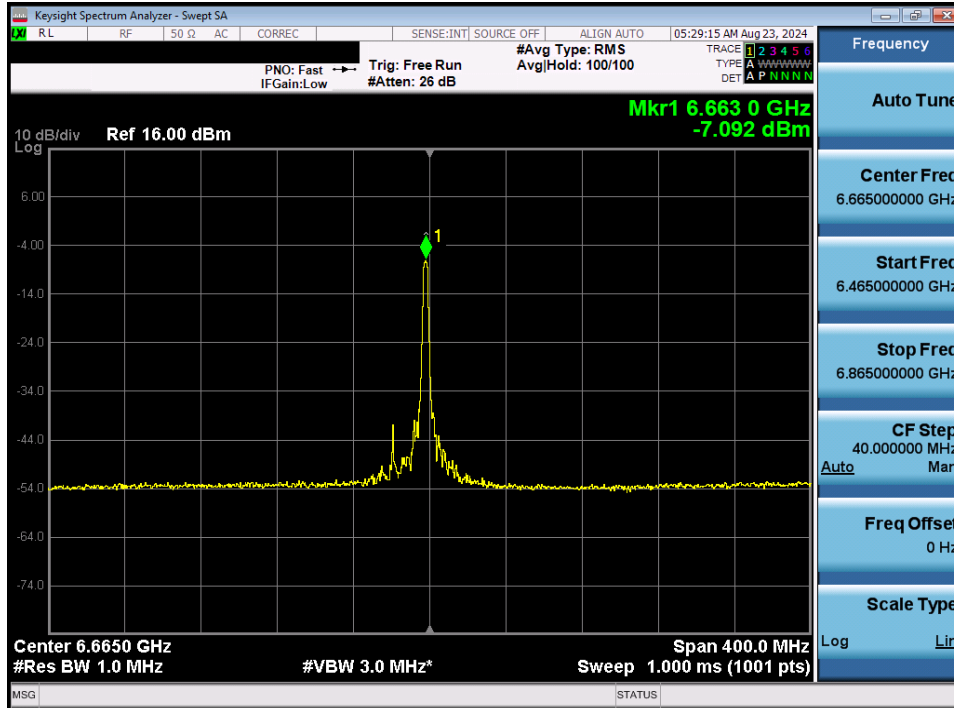


Plot 7-199. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax/be (26 Tones) (UNII Band 7) – Ch. 155) – LPI

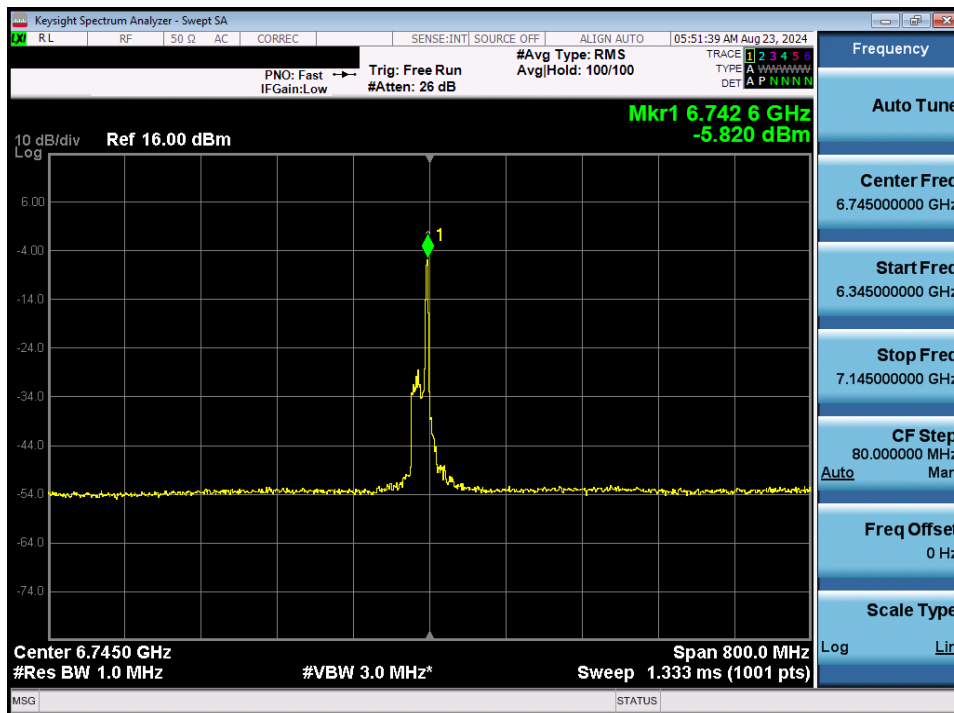


Plot 7-200. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax/be (26 Tones) (UNII Band 7) – Ch. 151) – LPI

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 148 of 291



Plot 7-201. Power Spectral Density Plot MIMO ANT2 (160MHz BW 802.11ax/be (26 Tones) (UNII Band 7) – Ch. 143) – LPI



Plot 7-202. Power Spectral Density Plot MIMO ANT2 (320MHz BW 802.11be (26 Tones) (UNII Band 7) – Ch. 159) – LPI

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-09-R1.A3L	Test Dates: 7/30/2024 – 8/26/2024	EUT Type: Portable Computing Device	Page 149 of 291