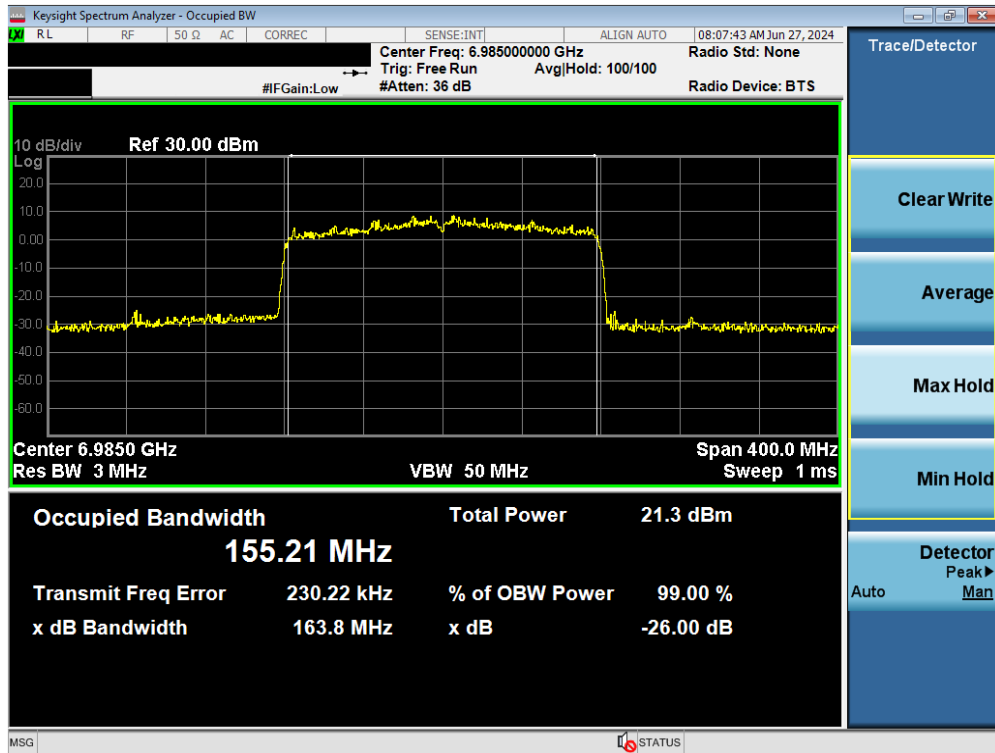
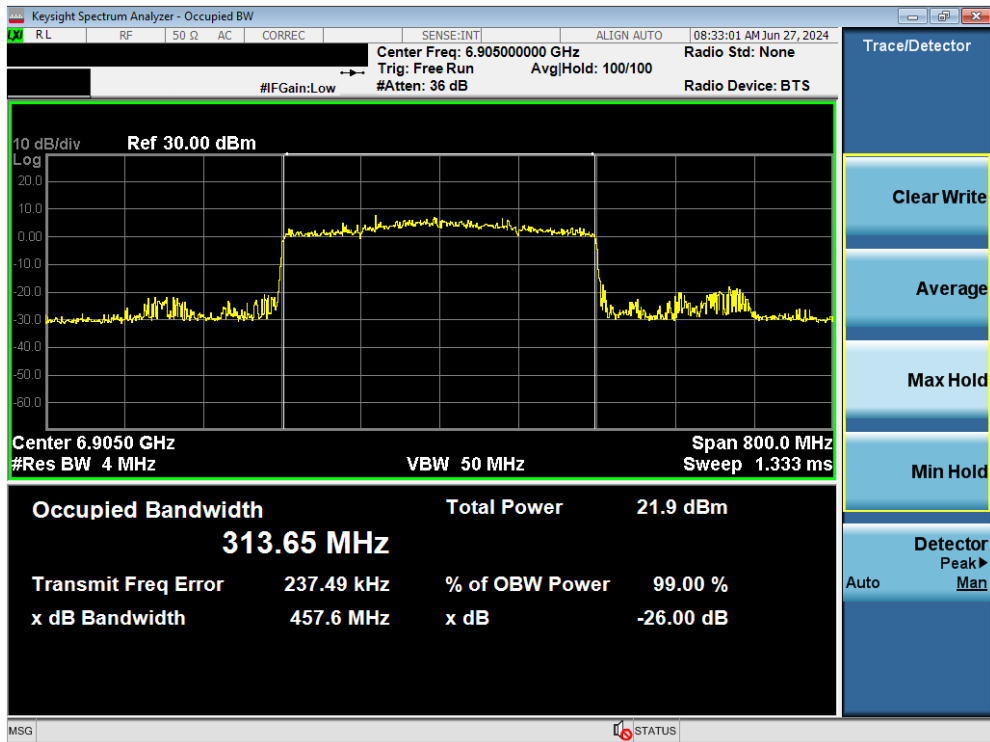


Plot 7-94. Occupied Bandwidth Plot MIMO ANT2 (80MHz BW 802.11ax (Full Tones) (UNII Band 8) – Ch. 199)



Plot 7-95. Occupied Bandwidth Plot MIMO ANT2 (160MHz BW 802.11ax (Full Tones) (UNII Band 8) – Ch. 207)

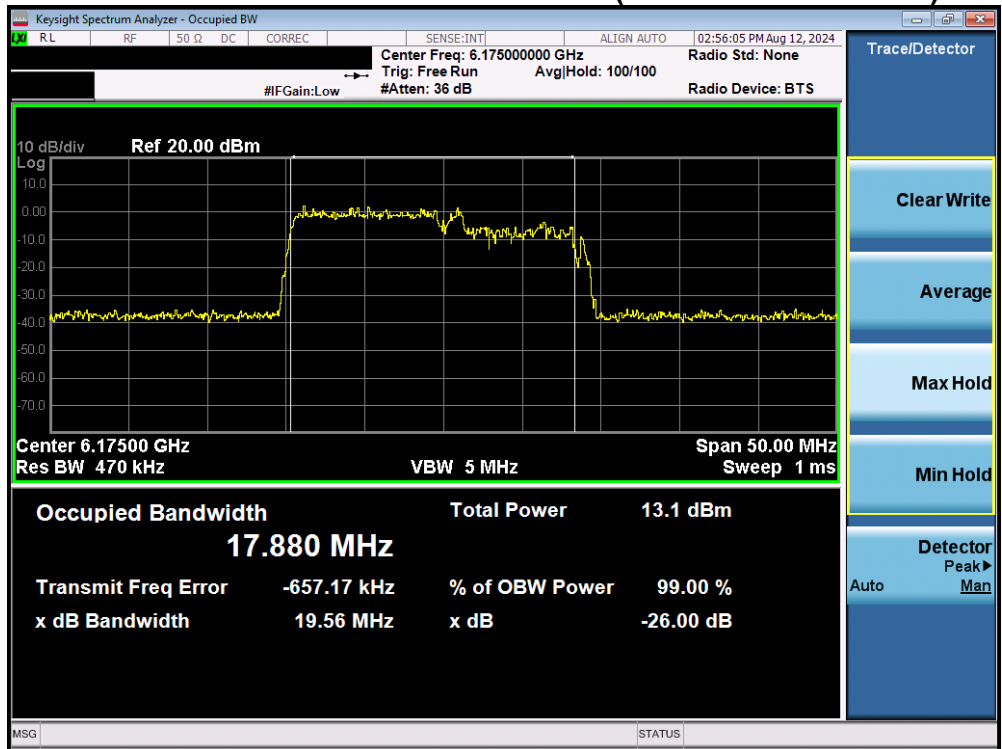
FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 77 of 277



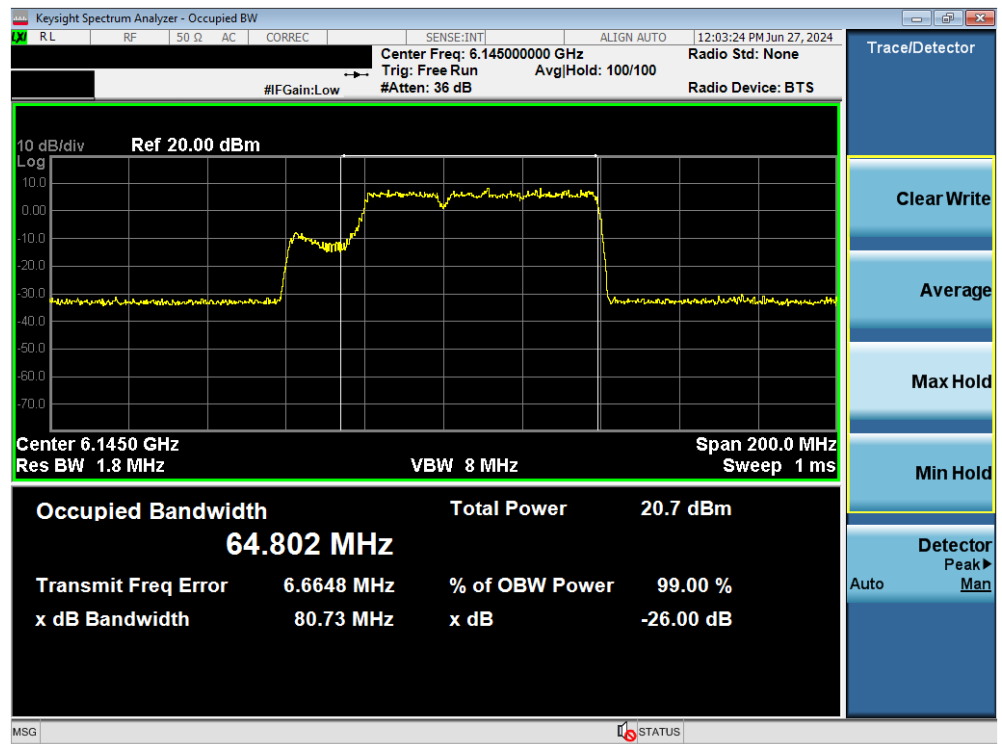
Plot 7-96. Occupied Bandwidth Plot MIMO ANT1 (320MHz BW 802.11be (Full Tones) (UNII Band 8) – Ch. 191)

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 78 of 277

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

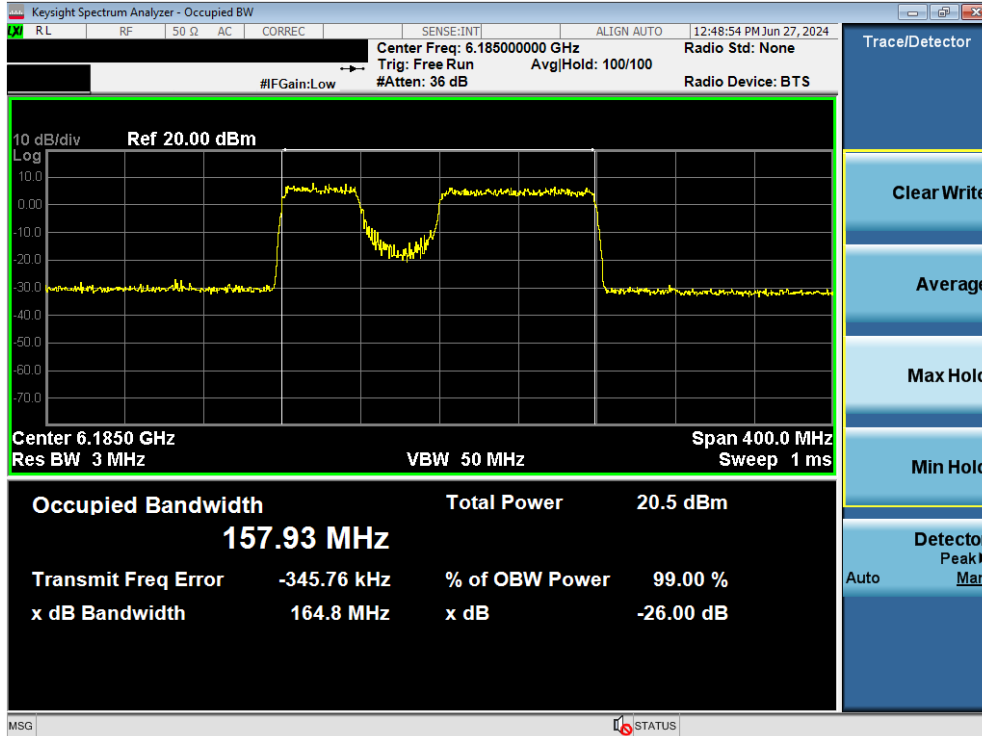


Plot 7-97. Occupied Bandwidth Plot MIMO ANT2 (20MHz BW 802.11be (106+26 Tones) (UNII Band 5) – Ch. 45)

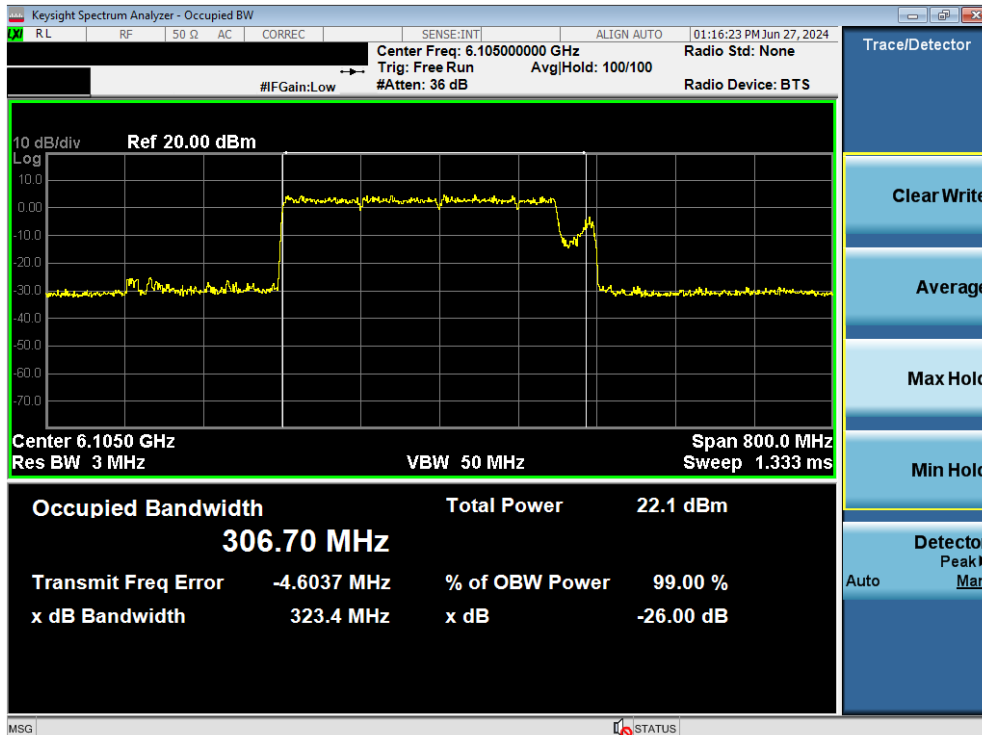


Plot 7-98. Occupied Bandwidth Plot MIMO ANT2 (80MHz BW 802.11be (484+242 Tones) (UNII Band 5) – Ch. 39)

FCC ID: A3LSMX920		MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 79 of 277	



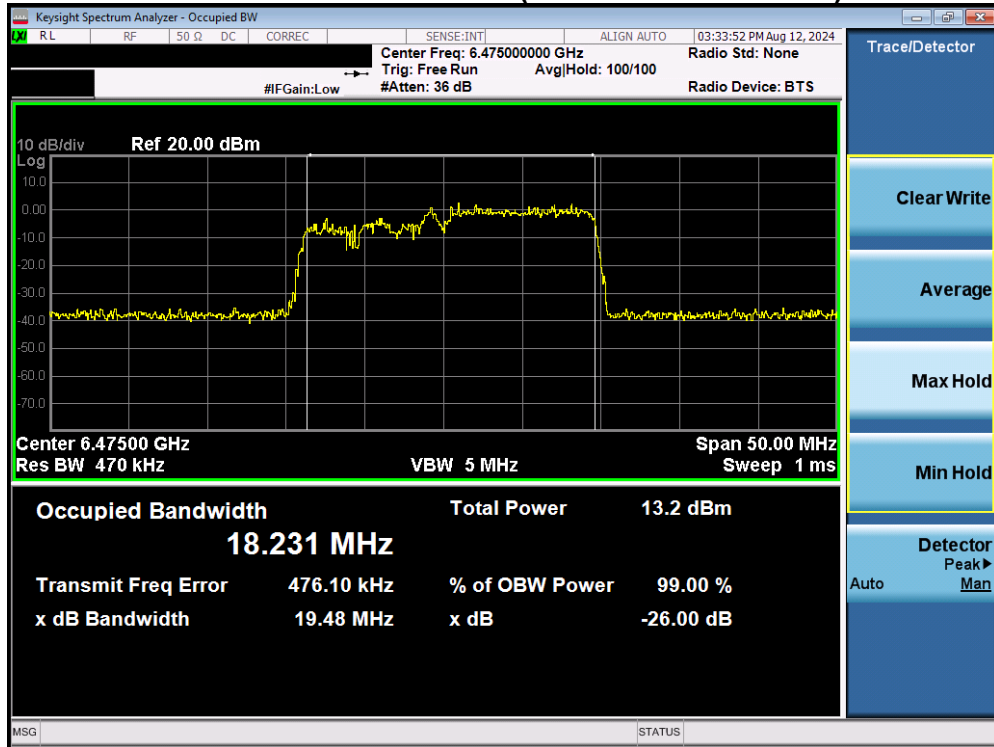
Plot 7-99. Occupied Bandwidth Plot MIMO ANT2 (160MHz BW 802.11be (996+484 Tones) (UNII Band 5) – Ch. 47)



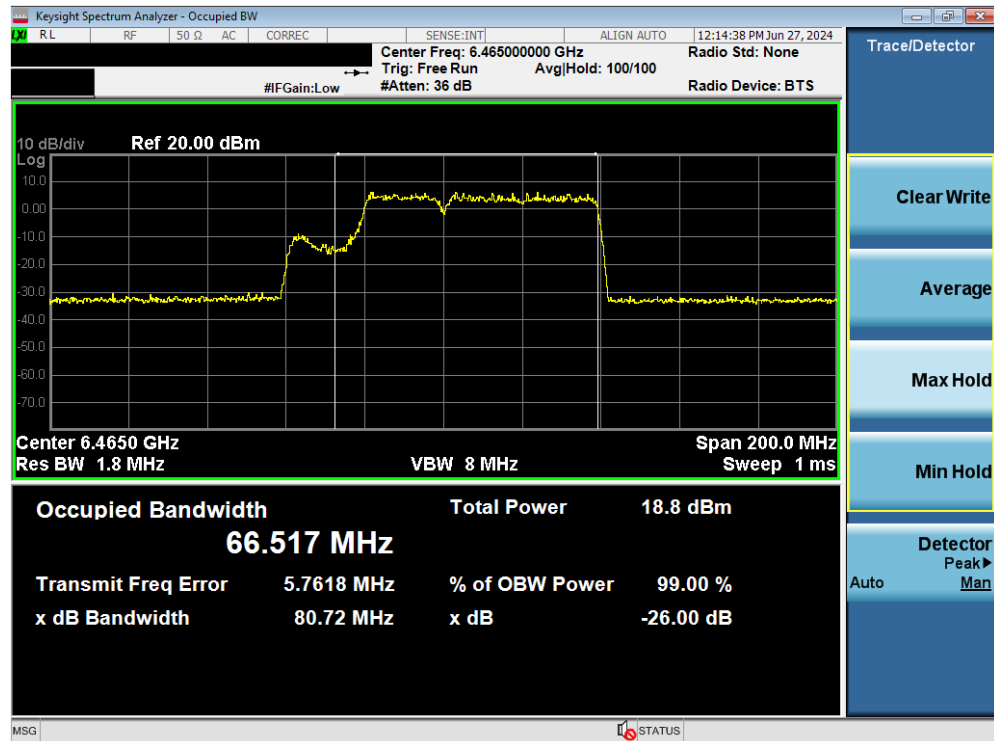
Plot 7-100. Occupied Bandwidth Plot MIMO ANT2 (320MHz BW 802.11be (3\*996+484 Tones) (UNII Band 5) – Ch. 31)

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 80 of 277

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

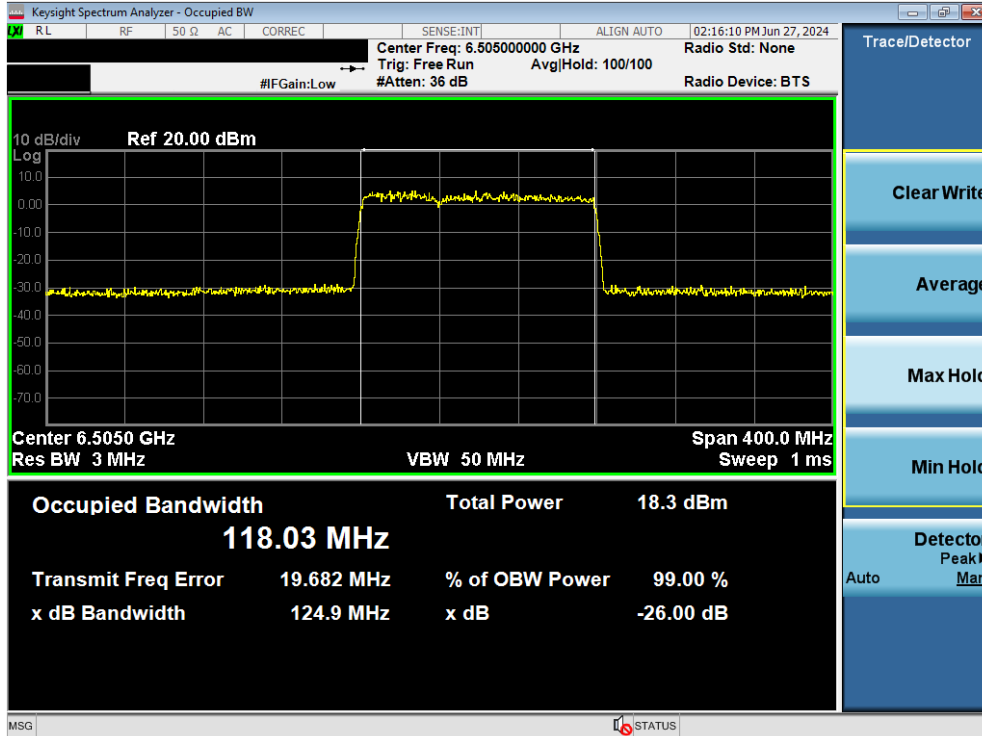


Plot 7-101. Occupied Bandwidth Plot MIMO ANT2 (20MHz BW 802.11be (106+26 Tones) (UNII Band 6) – Ch. 105)

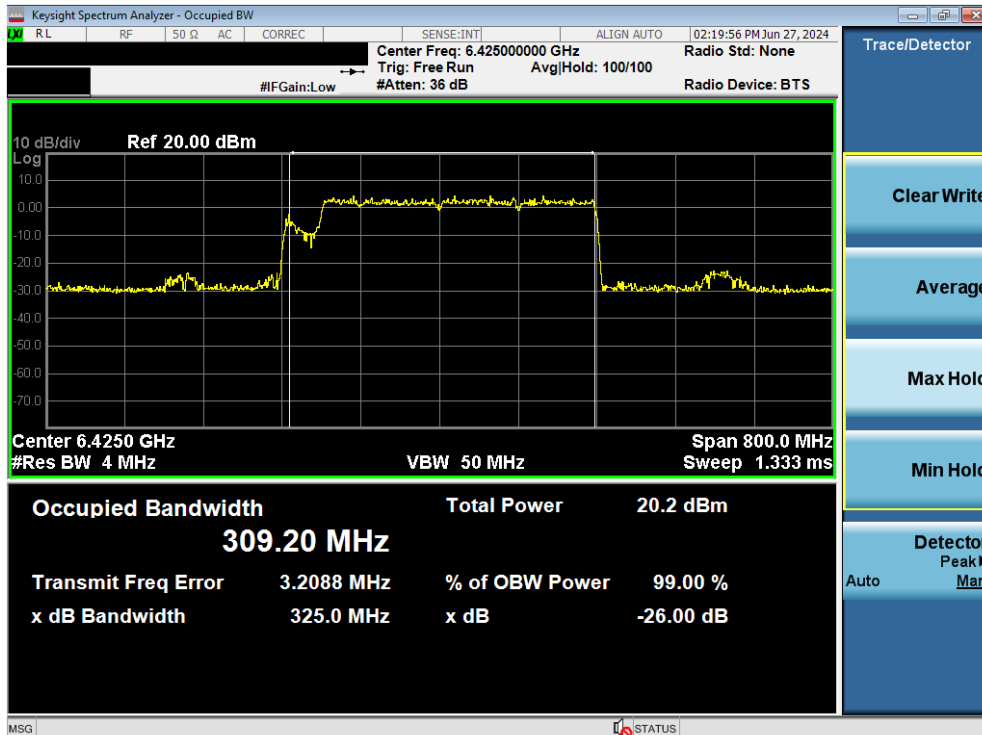


Plot 7-102. Occupied Bandwidth Plot MIMO ANT2 (80MHz BW 802.11be (484+242 Tones) (UNII Band 6) – Ch. 103)

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 81 of 277



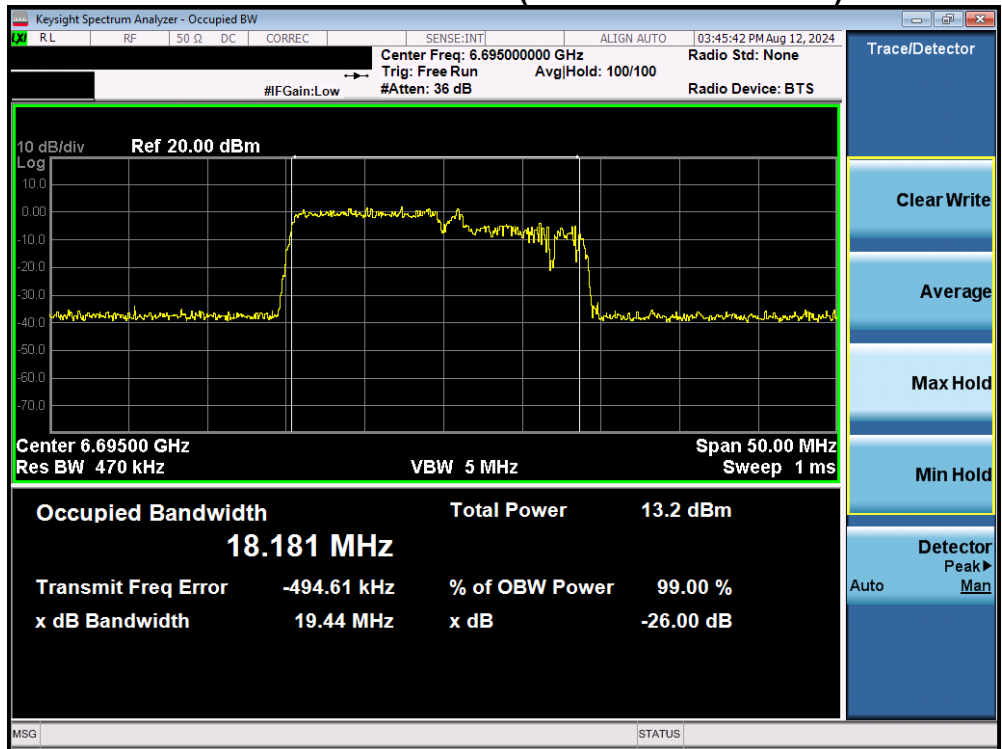
Plot 7-103. Occupied Bandwidth Plot MIMO ANT2 (160MHz BW 802.11be (996+484 Tones) (UNII Band 6) – Ch. 111)



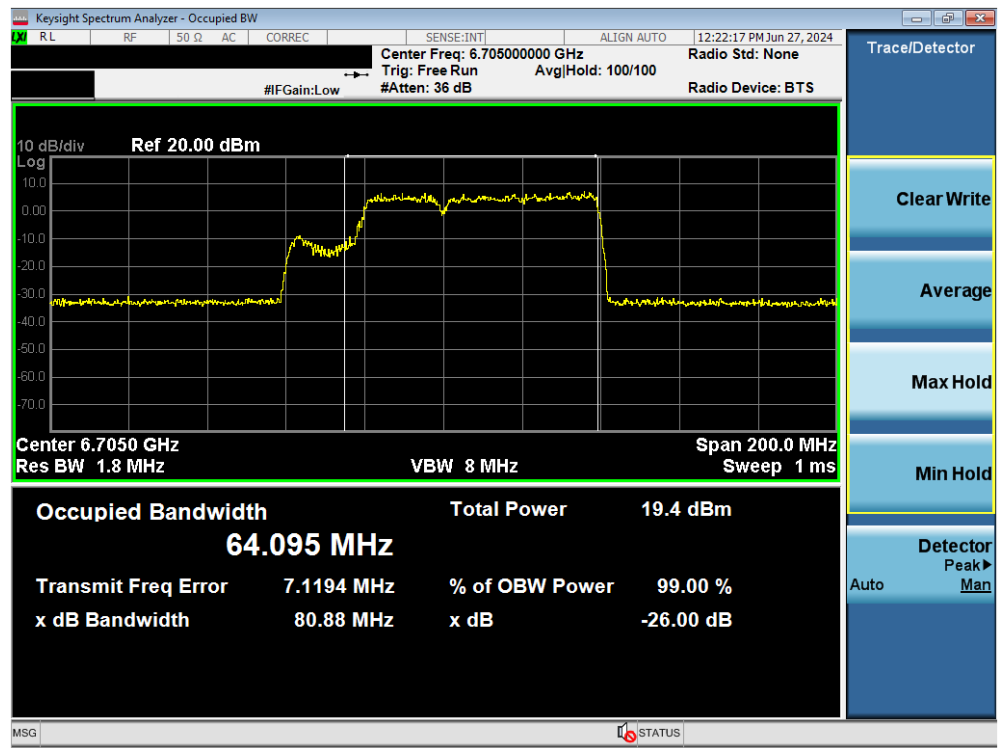
Plot 7-104. Occupied Bandwidth Plot MIMO ANT2 (320MHz BW 802.11be (3\*996+484 Tones) (UNII Band 6) – Ch. 95)

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 82 of 277

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

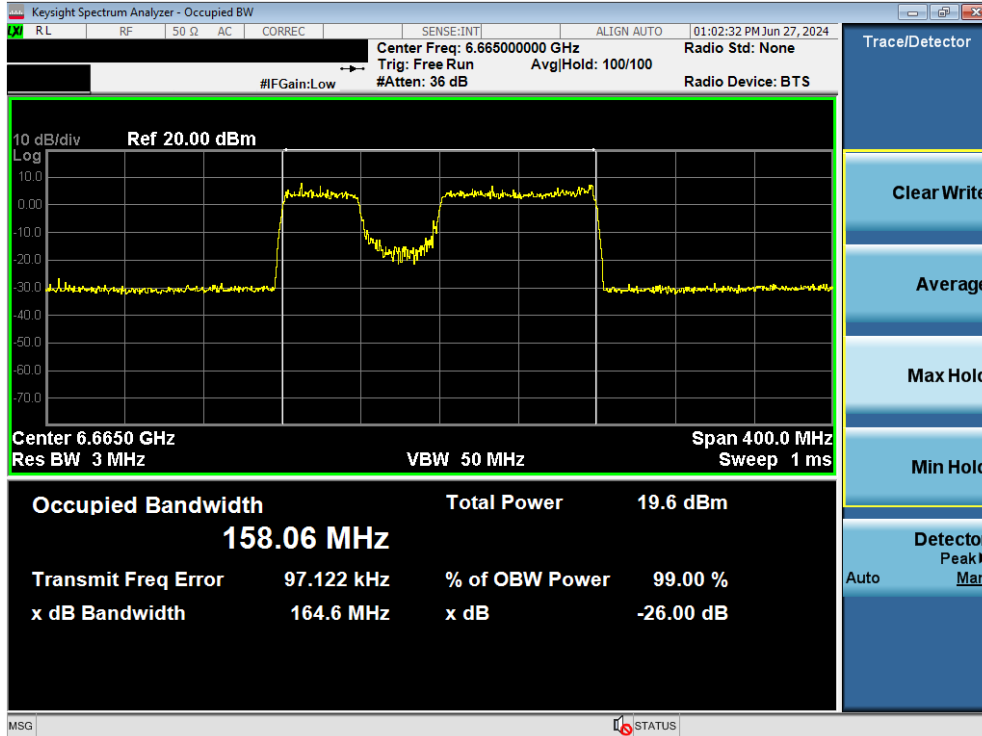


Plot 7-105. Occupied Bandwidth Plot MIMO ANT2 (20MHz BW 802.11be (106+26 Tones) (UNII Band 7) – Ch. 149)

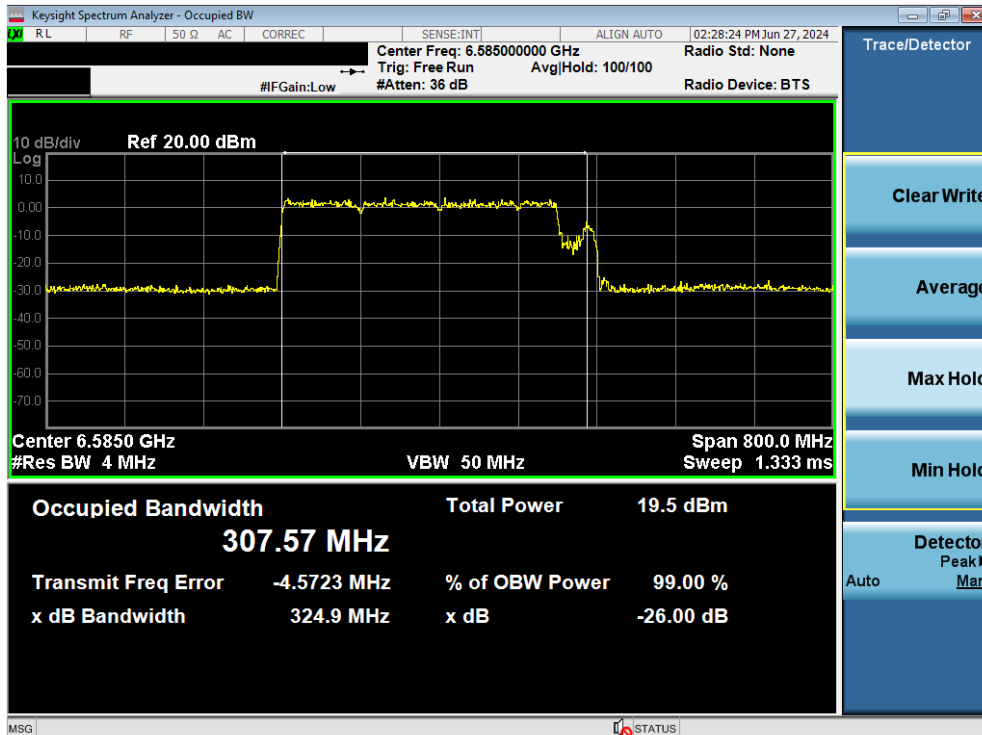


Plot 7-106. Occupied Bandwidth Plot MIMO ANT2 (80MHz BW 802.11be (484+242 Tones) (UNII Band 7) – Ch. 151)

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 83 of 277



Plot 7-107. Occupied Bandwidth Plot MIMO ANT2 (160MHz BW 802.11be (996+484 Tones) (UNII Band 7) – Ch. 143)

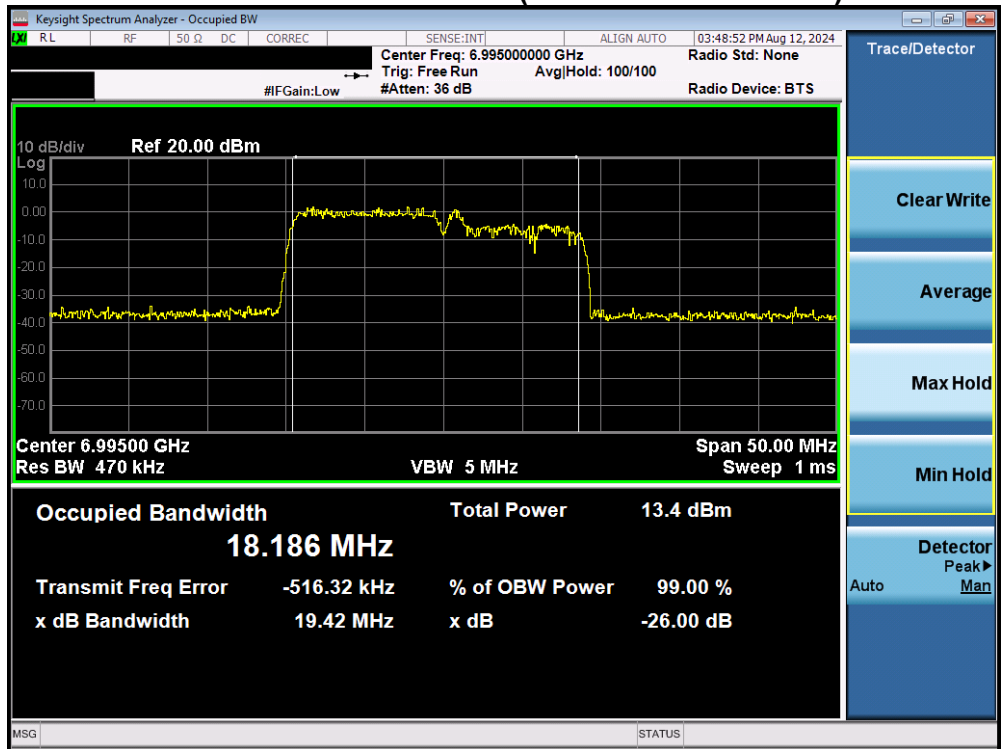


Plot 7-108. Occupied Bandwidth Plot MIMO ANT2 (320MHz BW 802.11be (3\*996+484 Tones) (UNII Band 7) – Ch. 159)

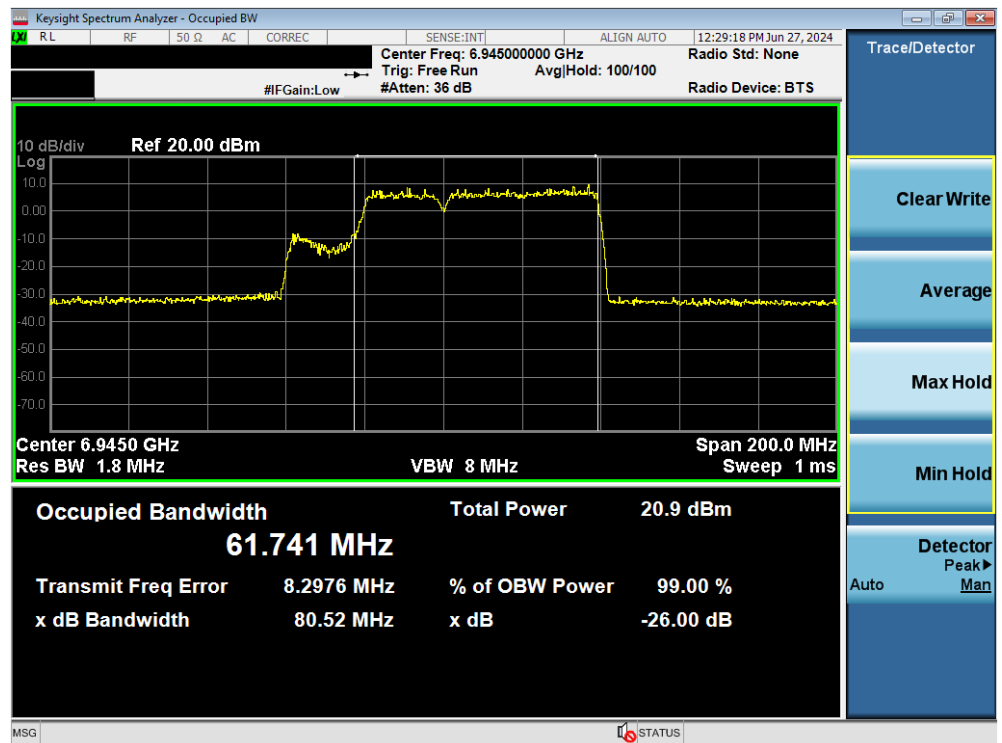
FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 84 of 277



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

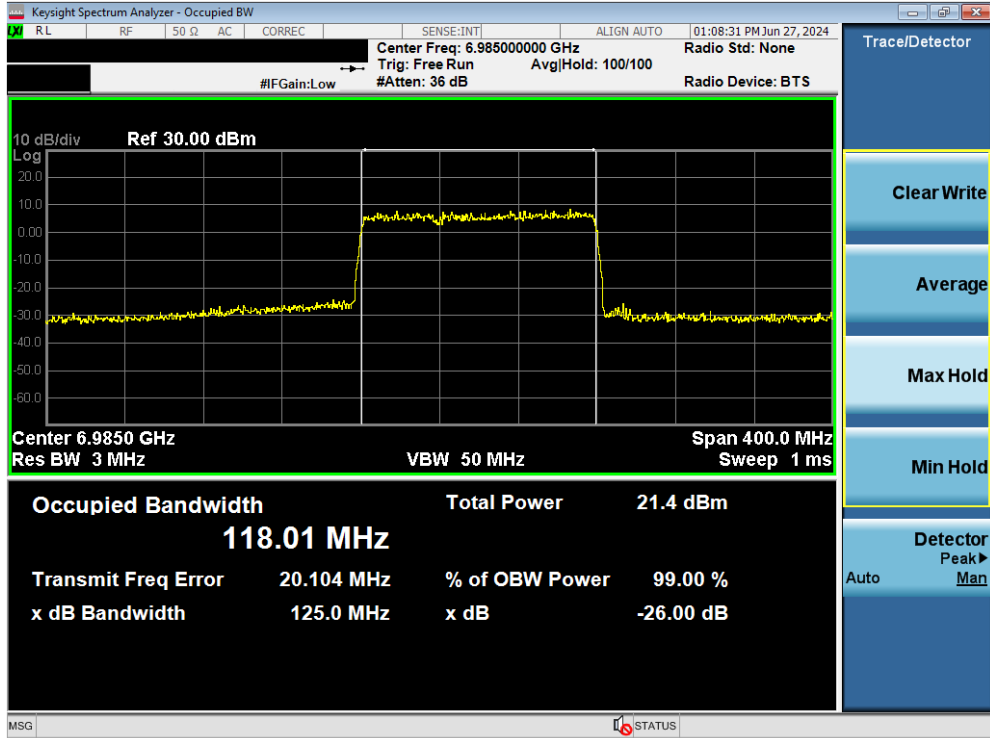


Plot 7-109. Occupied Bandwidth Plot MIMO ANT2 (20MHz BW 802.11be (106+26 Tones) (UNII Band 8) – Ch. 209)

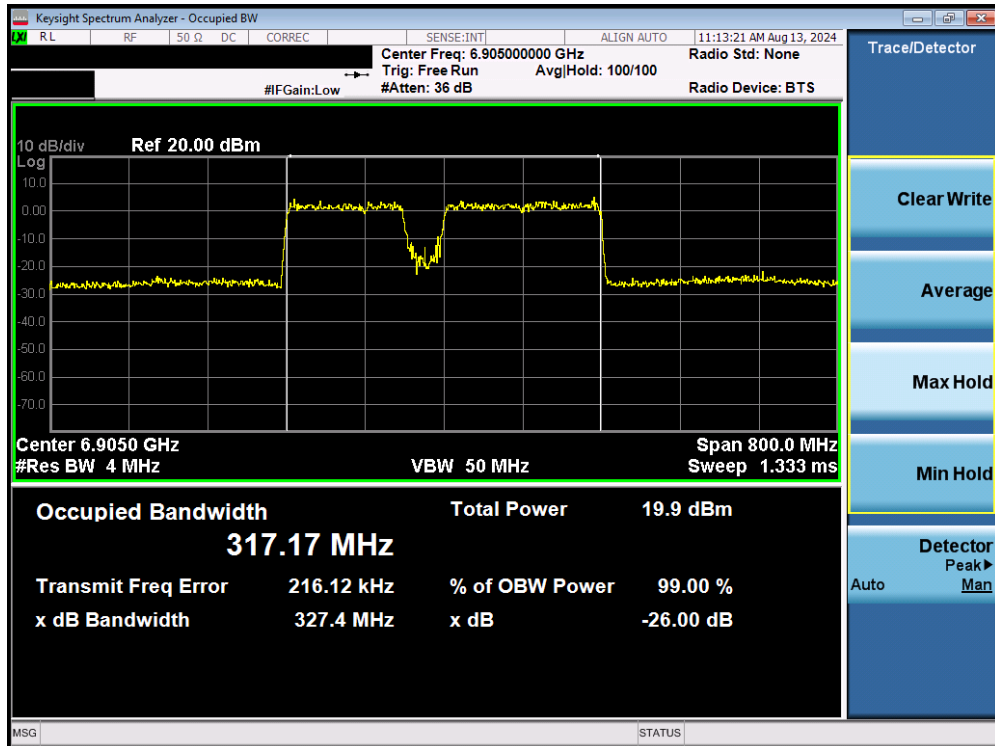


Plot 7-110. Occupied Bandwidth Plot MIMO ANT2 (80MHz BW 802.11be (484+242 Tones) (UNII Band 8) – Ch. 199)

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 85 of 277



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: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 86 of 277

### 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.

FCC ID: A3LSMX920	<b>MEASUREMENT REPORT</b>		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 87 of 277



## SISO ANT1 Maximum Conducted Output Power Measurements (26 Tones)

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			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				
20MHz BW	5	5935	2	26T	0.87	0.81	0.44	-4.47	-3.60	24.0	-27.60
		6175	45	26T	0.66	0.54	0.53	-4.47	-3.81	24.0	-27.81
		6415	93	26T	0.70	0.86	0.91	-4.47	-3.56	24.0	-27.56
	6	6435	97	26T	0.63	0.97	0.82	-6.61	-5.64	24.0	-29.64
		6475	105	26T	0.80	0.46	0.46	-6.61	-5.81	24.0	-29.81
		6515	113	26T	1.65	1.44	1.65	-6.61	-4.96	24.0	-28.96
	7	6535	117	26T	1.86	1.55	1.66	-8.23	-6.37	24.0	-30.37
		6695	149	26T	0.44	0.54	0.58	-8.23	-7.65	24.0	-31.65
		6875	185	26T	0.93	0.85	0.73	-8.23	-7.30	24.0	-31.30
	8	6895	189	26T	0.84	0.57	0.69	-10.54	-9.70	24.0	-33.70
		6995	209	26T	0.87	0.62	0.77	-10.54	-9.67	24.0	-33.67
		7115	233	26T	1.59	1.96	1.64	-10.54	-8.58	24.0	-32.58

**Table 7-5. SISO ANT1 20MHz BW 802.11ax/be (UNII) Maximum Conducted Output Power – LPI/SP**

FCC ID: A3LSMX920	<b>MEASUREMENT REPORT</b>		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 88 of 277



## SISO ANT1 Maximum Conducted Output Power Measurements (52 Tones)

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			Ant. Gain [dB]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]
					RU Index						
					37	39	40				
20MHz BW	5	5935	2	52T	3.69	3.62	3.50	-4.47	-0.78	24.0	-24.78
		6175	45	52T	3.63	3.45	3.66	-4.47	-0.81	24.0	-24.81
		6415	93	52T	3.69	3.58	3.62	-4.47	-0.78	24.0	-24.78
	6	6435	97	52T	3.78	3.94	3.71	-6.61	-2.67	24.0	-26.67
		6475	105	52T	3.56	3.74	3.74	-6.61	-2.87	24.0	-26.87
		6515	113	52T	4.90	4.85	4.80	-6.61	-1.71	24.0	-25.71
	7	6535	117	52T	4.93	4.86	4.82	-8.23	-3.30	24.0	-27.30
		6695	149	52T	3.70	3.51	3.91	-8.23	-4.32	24.0	-28.32
		6875	185	52T	3.63	3.47	3.38	-8.23	-4.60	24.0	-28.60
	8	6895	189	52T	3.81	3.72	3.95	-10.54	-6.59	24.0	-30.59
		6995	209	52T	3.83	3.79	3.90	-10.54	-6.64	24.0	-30.64
		7115	233	52T	4.49	4.47	4.56	-10.54	-5.98	24.0	-29.98

Table 7-6. SISO ANT1 20MHz BW 802.11ax/be (UNII) Maximum Conducted Output Power – LPI/SP

FCC ID: A3LSMX920	<b>MEASUREMENT REPORT</b>		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 89 of 277



## SISO ANT1 Maximum Conducted Output Power Measurements (106 Tones)

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		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				
	6	5935	2	106T	6.41	6.46	-4.47	1.99	24.0	-22.01
		6175	45	106T	6.86	6.68	-4.47	2.39	24.0	-21.61
		6415	93	106T	6.58	6.95	-4.47	2.48	24.0	-21.52
		6435	97	106T	6.60	6.72	-6.61	0.11	24.0	-23.89
		6475	105	106T	6.41	6.67	-6.61	0.06	24.0	-23.94
		6515	113	106T	7.40	7.38	-6.61	0.79	24.0	-23.21
	7	6535	117	106T	7.77	7.52	-8.23	-0.46	24.0	-24.46
		6695	149	106T	6.91	6.84	-8.23	-1.32	24.0	-25.32
		6875	185	106T	6.94	6.70	-8.23	-1.29	24.0	-25.29
	8	6895	189	106T	6.60	6.63	-10.54	-3.91	24.0	-27.91
		6995	209	106T	6.75	6.76	-10.54	-3.78	24.0	-27.78
		7115	233	106T	7.52	7.40	-10.54	-3.02	24.0	-27.02

**Table 7-7. SISO ANT1 20MHz BW 802.11ax/be (UNII) Maximum Conducted Output Power – LPI/SP**

FCC ID: A3LSMX920	<b>MEASUREMENT REPORT</b>		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 90 of 277



## SISO ANT1 Maximum Conducted Output Power Measurements (242 Tones)

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg	Ant. Gain [dBi]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]
					Conducted				
					RU Index				
					61				
5	5935	2	242T	9.57	-4.47	5.10	24.0	-18.90	
	6175	45	242T	9.49	-4.47	5.02	24.0	-18.98	
	6415	93	242T	9.98	-4.47	5.51	24.0	-18.49	
6	6435	97	242T	9.53	-6.61	2.92	24.0	-21.08	
	6475	105	242T	9.59	-6.61	2.98	24.0	-21.02	
	6515	113	242T	10.95	-6.61	4.34	24.0	-19.66	
7	6535	117	242T	10.98	-8.23	2.75	24.0	-21.25	
	6695	149	242T	9.83	-8.23	1.60	24.0	-22.40	
	6875	185	242T	9.58	-8.23	1.35	24.0	-22.65	
8	6895	189	242T	9.50	-10.54	-1.04	24.0	-25.04	
	6995	209	242T	9.59	-10.54	-0.95	24.0	-24.95	
	7115	233	242T	10.88	-10.54	0.34	24.0	-23.66	

Table 7-8. SISO ANT1 20MHz BW 802.11ax/be (UNII) Maximum Conducted Output Power – LPI/SP

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 91 of 277



## SISO ANT1 Maximum Conducted Output Power Measurements (484 Tones)

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)	Ant. Gain [dBi]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]
					RU Index				
					65				
40MHz BW	5	5965	3	484T	9.70	-4.47	5.23	24.0	-18.77
		6005	11	484T	9.79	-4.47	5.32	24.0	-18.68
		6165	43	484T	9.63	-4.47	5.16	24.0	-18.84
		6405	91	484T	9.88	-4.47	5.41	24.0	-18.59
	6	6445	99	484T	9.72	-6.61	3.11	24.0	-20.89
		6485	107	484T	9.69	-6.61	3.08	24.0	-20.92
		6525	115	484T	10.80	-6.61	4.19	24.0	-19.81
	7	6565	123	484T	10.99	-8.23	2.76	24.0	-21.24
		6685	147	484T	9.70	-8.23	1.47	24.0	-22.53
		6845	179	484T	9.66	-8.23	1.43	24.0	-22.57
	8	6885	187	484T	9.78	-10.54	-0.76	24.0	-24.76
		7005	211	484T	9.54	-10.54	-1.00	24.0	-25.00
		7085	227	484T	10.87	-10.54	0.33	24.0	-23.67

Table 7-9. SISO ANT1 40MHz BW 802.11ax/be (UNII) Maximum Conducted Output Power – LPI/SP

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 92 of 277





## SISO ANT1 Maximum Conducted Output Power Measurements (996 Tones)

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg	Ant. Gain [dBi]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]
					Conducted				
					RU Index				
					67				
5	5985	7	996T	9.68	-4.47	5.21	24.0	-18.79	
	6145	39	996T	9.90	-4.47	5.43	24.0	-18.57	
6	6385	87	996T	9.93	-4.47	5.46	24.0	-18.54	
	6465	103	996T	9.33	-6.61	2.72	24.0	-21.28	
7	6545	119	996T	10.76	-8.23	2.53	24.0	-21.47	
	6705	151	996T	9.93	-8.23	1.70	24.0	-22.30	
	6865	183	996T	9.80	-8.23	1.57	24.0	-22.43	
8	6945	199	996T	9.42	-10.54	-1.12	24.0	-25.12	
	7025	215	996T	9.77	-10.54	-0.77	24.0	-24.77	

Table 7-10. SISO ANT1 80MHz BW 802.11ax/be (UNII) Maximum Conducted Output Power – LPI/SP

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 93 of 277



## SISO ANT1 Maximum Conducted Output Power Measurements (2x996 Tones)

160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg	Ant. Gain [dBi]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]
					Conducted				
					Power (dBm) RU Index				
					68				
	5	6025	15	2x996T	9.62	-4.47	5.15	24.0	-18.85
		6185	47	2x996T	9.74	-4.47	5.27	24.0	-18.73
		6345	79	2x996T	9.75	-4.47	5.28	24.0	-18.72
	6	6505	111	2x996T	9.75	-6.61	3.14	24.0	-20.86
	7	6665	143	2x996T	9.87	-8.23	1.64	24.0	-22.36
		6825	175	2x996T	9.79	-8.23	1.56	24.0	-22.44
	8	6985	207	2x996T	9.99	-10.54	-0.55	24.0	-24.55

Table 7-11. SISO ANT1 160MHz BW 802.11ax/be (UNII) Maximum Conducted Output Power – LPI/SP

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 94 of 277



## SISO ANT1 Maximum Conducted Output Power Measurements (4x996 Tones)

320MHz BW	Band	Freq [MHz]	Channel	Tones	Avg	Ant. Gain [dBi]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]
					Conducted				
					RU Index				
	5	6105	31	4x996T	9.51	-4.47	5.04	24.0	-18.96
		6265	63	4x996T	9.95	-4.47	5.48	24.0	-18.52
	6	6425	95	4x996T	9.67	-6.61	3.06	24.0	-20.94
	7	6585	127	4x996T	9.45	-8.23	1.22	24.0	-22.78
		6745	159	4x996T	9.69	-8.23	1.46	24.0	-22.54
	8	6905	191	4x996T	9.53	-10.54	-1.01	24.0	-25.01

Table 7-12. SISO ANT1 320MHz BW 802.11be (UNII) Maximum Conducted Output Power – LPI/SP

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 95 of 277



## SISO ANT2 Maximum Conducted Output Power Measurements (26 Tones)

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			Ant. Gain [dBi]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]
					RU Index						
					0	4	8				
20MHz BW	5	5935	2	26T	0.79	0.62	0.51	-6.25	-5.46	24.0	-29.46
		6175	45	26T	0.49	0.84	0.42	-6.25	-5.41	24.0	-29.41
		6415	93	26T	0.78	0.84	0.77	-6.25	-5.41	24.0	-29.41
	6	6435	97	26T	0.86	0.68	0.86	-7.87	-7.01	24.0	-31.01
		6475	105	26T	0.77	0.66	0.74	-7.87	-7.10	24.0	-31.10
		6515	113	26T	1.66	1.44	1.59	-7.87	-6.21	24.0	-30.21
	7	6535	117	26T	1.54	1.89	1.49	-11.62	-9.73	24.0	-33.73
		6695	149	26T	0.50	0.84	0.88	-11.62	-10.74	24.0	-34.74
		6875	185	26T	0.85	0.68	0.77	-11.62	-10.77	24.0	-34.77
	8	6895	189	26T	0.84	0.71	0.76	-11.56	-10.72	24.0	-34.72
		6995	209	26T	0.39	0.27	0.90	-11.56	-10.66	24.0	-34.66
		7115	233	26T	1.71	1.43	1.55	-11.56	-9.85	24.0	-33.85

Table 7-13. SISO ANT2 20MHz BW 802.11ax/be (UNII) Maximum Conducted Output Power – LPI/SP

FCC ID: A3LSMX920	<b>MEASUREMENT REPORT</b>		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 96 of 277



## SISO ANT2 Maximum Conducted Output Power Measurements (52 Tones)

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			Ant. Gain [dB]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]
					RU Index						
					37	39	40				
20MHz BW	5	5935	2	52T	3.70	3.88	3.82	-6.25	-2.37	24.0	-26.37
		6175	45	52T	3.55	3.49	3.52	-6.25	-2.70	24.0	-26.70
		6415	93	52T	3.79	3.63	3.69	-6.25	-2.46	24.0	-26.46
	6	6435	97	52T	3.92	3.86	3.43	-7.87	-3.95	24.0	-27.95
		6475	105	52T	3.89	3.77	3.86	-7.87	-3.98	24.0	-27.98
		6515	113	52T	4.85	4.71	4.81	-7.87	-3.02	24.0	-27.02
	7	6535	117	52T	4.77	4.59	4.72	-11.62	-6.85	24.0	-30.85
		6695	149	52T	3.49	3.88	3.91	-11.62	-7.71	24.0	-31.71
		6875	185	52T	3.55	3.94	3.45	-11.62	-7.68	24.0	-31.68
	8	6895	189	52T	3.46	3.91	3.44	-11.56	-7.65	24.0	-31.65
		6995	209	52T	3.39	3.87	3.90	-11.56	-7.66	24.0	-31.66
		7115	233	52T	4.76	4.69	4.85	-11.56	-6.71	24.0	-30.71

Table 7-14. SISO ANT2 20MHz BW 802.11ax/be (UNII) Maximum Conducted Output Power – LPI/SP

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 97 of 277



## SISO ANT2 Maximum Conducted Output Power Measurements (106 Tones)

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		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				
	6	5935	2	106T	6.55	6.35	-6.25	0.30	24.0	-23.70
		6175	45	106T	6.80	6.68	-6.25	0.55	24.0	-23.45
		6415	93	106T	6.87	6.59	-6.25	0.62	24.0	-23.38
		6435	97	106T	6.65	6.52	-7.87	-1.22	24.0	-25.22
		6475	105	106T	6.63	6.55	-7.87	-1.24	24.0	-25.24
		6515	113	106T	7.55	7.69	-7.87	-0.18	24.0	-24.18
	7	6535	117	106T	7.45	7.89	-11.62	-3.73	24.0	-27.73
		6695	149	106T	6.19	6.94	-11.62	-4.68	24.0	-28.68
		6875	185	106T	6.86	6.64	-11.62	-4.76	24.0	-28.76
	8	6895	189	106T	6.79	6.89	-11.56	-4.67	24.0	-28.67
		6995	209	106T	6.46	6.59	-11.56	-4.97	24.0	-28.97
		7115	233	106T	7.71	7.66	-11.56	-3.85	24.0	-27.85

Table 7-15. SISO ANT2 20MHz BW 802.11ax/be (UNII) Maximum Conducted Output Power – LPI/SP

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 98 of 277



## SISO ANT2 Maximum Conducted Output Power Measurements (242 Tones)

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg	Ant. Gain [dBi]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]
					Conducted				
					RU Index				
					61				
5	5935	2	242T	9.55	-6.25	3.30	24.0	-20.70	
	6175	45	242T	9.62	-6.25	3.37	24.0	-20.63	
	6415	93	242T	9.60	-6.25	3.35	24.0	-20.65	
6	6435	97	242T	9.48	-7.87	1.61	24.0	-22.39	
	6475	105	242T	9.47	-7.87	1.60	24.0	-22.40	
	6515	113	242T	10.50	-7.87	2.63	24.0	-21.37	
7	6535	117	242T	10.49	-11.62	-1.13	24.0	-25.13	
	6695	149	242T	9.72	-11.62	-1.90	24.0	-25.90	
	6875	185	242T	9.62	-11.62	-2.00	24.0	-26.00	
8	6895	189	242T	9.71	-11.56	-1.85	24.0	-25.85	
	6995	209	242T	9.59	-11.56	-1.97	24.0	-25.97	
	7115	233	242T	10.53	-11.56	-1.03	24.0	-25.03	

Table 7-16. SISO ANT2 20MHz BW 802.11ax/be (UNII) Maximum Conducted Output Power – LPI/SP

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 99 of 277



## SISO ANT2 Maximum Conducted Output Power Measurements (484 Tones)

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)	Ant. Gain [dBi]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]
					RU Index				
					65				
40MHz BW	5	5965	3	484T	9.62	-6.25	3.37	24.0	-20.63
		6005	11	484T	9.45	-6.25	3.20	24.0	-20.80
		6165	43	484T	9.90	-6.25	3.65	24.0	-20.35
		6405	91	484T	9.93	-6.25	3.68	24.0	-20.32
	6	6445	99	484T	9.71	-7.87	1.84	24.0	-22.16
		6485	107	484T	9.61	-7.87	1.74	24.0	-22.26
		6525	115	484T	10.50	-7.87	2.63	24.0	-21.37
	7	6565	123	484T	10.53	-11.62	-1.09	24.0	-25.09
		6685	147	484T	9.30	-11.62	-2.32	24.0	-26.32
		6845	179	484T	9.93	-11.62	-1.69	24.0	-25.69
	8	6885	187	484T	9.89	-11.56	-1.67	24.0	-25.67
		7005	211	484T	9.38	-11.56	-2.18	24.0	-26.18
		7085	227	484T	10.53	-11.56	-1.03	24.0	-25.03

Table 7-17. SISO ANT2 40MHz BW 802.11ax/be (UNII) Maximum Conducted Output Power – LPI/SP

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 100 of 277





## SISO ANT2 Maximum Conducted Output Power Measurements (996 Tones)

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg	Ant. Gain [dBi]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]
					Conducted				
					RU Index				
					67				
5	5985	7	996T	9.79	-6.25	3.54	24.0	-20.46	
	6145	39	996T	9.74	-6.25	3.49	24.0	-20.51	
6	6385	87	996T	9.73	-6.25	3.48	24.0	-20.52	
	6465	103	996T	9.46	-7.87	1.59	24.0	-22.41	
7	6545	119	996T	10.84	-11.62	-0.78	24.0	-24.78	
	6705	151	996T	9.75	-11.62	-1.87	24.0	-25.87	
	6865	183	996T	9.65	-11.62	-1.97	24.0	-25.97	
8	6945	199	996T	9.39	-11.56	-2.17	24.0	-26.17	
	7025	215	996T	9.87	-11.56	-1.69	24.0	-25.69	

Table 7-18. SISO ANT2 80MHz BW 802.11ax/be (UNII) Maximum Conducted Output Power – LPI/SP

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 101 of 277



## SISO ANT2 Maximum Conducted Output Power Measurements (2x996 Tones)

160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg	Ant. Gain [dBi]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]
					Conducted				
					Power (dBm) RU Index				
					68				
5	6025	15	2x996T	9.81	-6.25	3.56	24.0	-20.44	
	6185	47	2x996T	9.59	-6.25	3.34	24.0	-20.66	
	6345	79	2x996T	9.56	-6.25	3.31	24.0	-20.69	
6	6505	111	2x996T	9.55	-7.87	1.68	24.0	-22.32	
	6665	143	2x996T	9.83	-11.62	-1.79	24.0	-25.79	
7	6825	175	2x996T	9.20	-11.62	-2.42	24.0	-26.42	
	6985	207	2x996T	9.55	-11.56	-2.01	24.0	-26.01	

Table 7-19. SISO ANT2 160MHz BW 802.11ax/be (UNII) Maximum Conducted Output Power – LPI/SP

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 102 of 277



## SISO ANT2 Maximum Conducted Output Power Measurements (4x996 Tones)

320MHz BW	Band	Freq [MHz]	Channel	Tones	Avg	Ant. Gain [dBi]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]
					Conducted				
					RU Index				
					69				
	5	6105	31	4x996T	9.41	-6.25	3.16	24.0	-20.84
		6265	63	4x996T	9.50	-6.25	3.25	24.0	-20.75
	6	6425	95	4x996T	9.79	-7.87	1.92	24.0	-22.08
		6585	127	4x996T	9.92	-11.62	-1.70	24.0	-25.70
		6745	159	4x996T	9.35	-11.62	-2.27	24.0	-26.27
	8	6905	191	4x996T	9.91	-11.56	-1.65	24.0	-25.65

Table 7-20. SISO ANT2 320MHz BW 802.11be (UNII) Maximum Conducted Output Power – LPI/SP

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 103 of 277



## MIMO Maximum Conducted Output Power Measurements (26 Tones)

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	-0.11	0.72	3.34	0.01	0.48	3.26	0.01	0.63	3.34	-2.30	1.04	24.0	-22.96
	6175	45	26T	0.55	0.43	3.50	0.71	0.24	3.49	0.56	0.41	3.50	-2.30	1.20	24.0	-22.80
	6415	93	26T	0.71	-0.36	3.22	0.61	-0.69	3.02	0.69	-0.39	3.19	-2.30	0.91	24.0	-23.09
6	6435	97	26T	0.83	0.51	3.68	0.65	0.29	3.48	0.77	0.39	3.59	-4.21	-0.52	24.0	-24.52
	6475	105	26T	0.77	0.45	3.62	0.93	0.27	3.62	0.77	0.41	3.60	-4.21	-0.58	24.0	-24.58
	6515	113	26T	1.79	1.21	4.52	1.55	1.11	4.35	1.54	1.21	4.39	-4.21	0.31	24.0	-23.69
7	6535	117	26T	1.89	1.27	4.60	1.66	1.10	4.40	1.81	1.11	4.48	-6.75	-2.15	24.0	-26.15
	6695	149	26T	0.84	0.88	3.87	0.66	0.69	3.69	0.69	0.82	3.77	-6.75	-2.88	24.0	-26.88
	6875	185	26T	0.76	0.83	3.81	0.58	0.66	3.63	0.23	0.26	3.26	-6.75	-2.94	24.0	-26.94
8	6995	199	26T	0.76	0.62	3.80	0.51	0.62	3.58	0.89	0.69	3.80	-8.02	-4.22	24.0	-28.22
	6995	209	26T	0.91	0.69	3.81	0.76	0.52	3.65	0.59	0.58	3.60	-8.02	-4.21	24.0	-28.21
	7115	233	26T	1.36	1.78	4.59	1.49	1.57	4.54	1.61	1.74	4.69	-8.02	-3.34	24.0	-27.34

Table 7-21. MIMO 20MHz BW 802.11ax/be (UNII) Maximum Conducted Output Power – LPI/SP

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 104 of 277



## MIMO Maximum Conducted Output Power Measurements (52 Tones)

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												
				37			39			40						
				ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO				
5	5935	2	52T	3.27	3.59	6.44	3.14	3.77	6.48	3.19	3.79	6.51	-2.30	4.21	24.0	-19.79
	6175	45	52T	3.88	3.52	6.71	3.79	3.34	6.58	3.84	3.41	6.64	-2.30	4.41	24.0	-19.59
	6415	93	52T	3.75	2.83	6.32	3.88	2.95	6.45	3.92	3.11	6.54	-2.30	4.24	24.0	-19.76
6	6435	97	52T	3.35	2.89	6.14	3.88	3.42	6.67	3.89	3.41	6.67	-4.21	2.46	24.0	-21.54
	6475	105	52T	3.94	3.47	6.72	3.85	3.39	6.64	3.92	3.44	6.70	-4.21	2.51	24.0	-21.49
	6515	113	52T	4.89	4.47	7.70	4.96	4.43	7.71	4.73	4.35	7.55	-4.21	3.51	24.0	-20.49
7	6535	117	52T	4.93	4.36	7.66	4.91	4.31	7.63	4.72	4.39	7.57	-6.75	0.91	24.0	-23.09
	6695	149	52T	3.75	3.81	6.79	3.62	3.89	6.77	3.94	3.81	6.89	-6.75	0.14	24.0	-23.86
	6875	185	52T	3.18	3.69	6.45	3.82	3.86	6.85	3.88	3.92	6.91	-6.75	0.16	24.0	-23.84
8	6995	199	52T	3.88	3.81	6.86	3.72	3.76	6.75	3.79	3.85	6.83	-8.02	-1.17	24.0	-25.17
	6995	209	52T	3.88	3.51	6.71	3.69	3.39	6.55	3.73	3.52	6.64	-8.02	-1.32	24.0	-25.32
	7115	233	52T	4.51	4.65	7.59	4.19	4.57	7.39	4.47	4.63	7.56	-8.02	-0.43	24.0	-24.43

Table 7-22. MIMO 20MHz BW 802.11ax/be (UNII) Maximum Conducted Output Power – LPI/SP

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 105 of 277



## 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	6.37	6.60	9.50	6.39	6.58	9.50	-2.30	7.19	24.0	-16.81	
	6175	45	106T	6.62	6.29	9.47	6.52	6.15	9.35	-2.30	7.16	24.0	-16.84	
	6415	93	106T	6.57	5.98	9.30	6.83	6.36	9.61	-2.30	7.31	24.0	-16.69	
6	6435	97	106T	6.71	6.21	9.48	6.92	6.59	9.77	-4.21	5.56	24.0	-18.44	
	6475	105	106T	6.64	6.15	9.41	6.51	6.10	9.32	-4.21	5.21	24.0	-18.79	
	6515	113	106T	7.59	7.16	10.39	7.61	7.01	10.33	-4.21	6.18	24.0	-17.82	
7	6535	117	106T	7.56	7.12	10.36	7.32	7.01	10.18	-6.75	3.61	24.0	-20.39	
	6695	149	106T	6.67	6.48	9.59	6.37	6.41	9.40	-6.75	2.84	24.0	-21.16	
	6875	185	106T	6.79	6.78	9.80	6.77	6.79	9.79	-6.75	3.04	24.0	-20.96	
8	6895	189	106T	6.38	6.72	9.56	6.68	6.72	9.71	-8.02	1.69	24.0	-22.31	
	6995	209	106T	6.64	6.51	9.59	6.44	6.57	9.52	-8.02	1.56	24.0	-22.44	
	7115	233	106T	7.27	7.72	10.51	7.47	7.81	10.65	-8.02	2.63	24.0	-21.37	

Table 7-23. MIMO 20MHz BW 802.11ax/be (UNII) Maximum Conducted Output Power – LPI/SP

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 106 of 277



## MIMO Maximum Conducted Output Power Measurements (242 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						
					61						
					ANT1	ANT2	MIMO				
5	5935	2	242T	9.02	9.74	12.41	-2.30	10.10	24.0	-13.90	
	6175	45	242T	9.79	9.67	12.74	-2.30	10.44	24.0	-13.56	
	6415	93	242T	9.81	8.90	12.39	-2.30	10.08	24.0	-13.92	
6	6435	97	242T	9.55	9.04	12.31	-4.21	8.11	24.0	-15.89	
	6475	105	242T	9.79	9.03	12.44	-4.21	8.23	24.0	-15.77	
	6515	113	242T	10.39	10.01	13.21	-4.21	9.01	24.0	-14.99	
7	6535	117	242T	10.24	10.03	13.15	-6.75	6.40	24.0	-17.60	
	6695	149	242T	9.69	9.84	12.78	-6.75	6.03	24.0	-17.97	
	6875	185	242T	9.47	9.57	12.53	-6.75	5.78	24.0	-18.22	
8	6895	189	242T	9.17	9.59	12.40	-8.02	4.37	24.0	-19.63	
	6995	209	242T	9.71	9.81	12.77	-8.02	4.75	24.0	-19.25	
	7115	233	242T	10.04	10.53	13.30	-8.02	5.28	24.0	-18.72	

Table 7-24. MIMO 20MHz BW 802.11ax/be (UNII) Maximum Conducted Output Power – LPI/SP

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 107 of 277



## MIMO Maximum Conducted Output Power Measurements (484 Tones)

40MHz 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						
					65						
					ANT1	ANT2	MIMO				
5	5965	3	484T	9.74	9.73	12.75	-2.30	10.44	24.0	-13.56	
	6005	11	484T	9.45	9.78	12.63	-2.30	10.32	24.0	-13.68	
	6165	43	484T	9.72	9.55	12.65	-2.30	10.34	24.0	-13.66	
	6405	91	484T	9.96	8.71	12.39	-2.30	10.09	24.0	-13.91	
6	6445	99	484T	9.52	9.48	12.51	-4.21	8.30	24.0	-15.70	
	6485	107	484T	9.53	8.52	12.06	-4.21	7.86	24.0	-16.14	
	6525	115	484T	10.71	9.43	13.13	-4.21	8.92	24.0	-15.08	
7	6565	123	484T	10.62	9.42	13.07	-6.75	6.32	24.0	-17.68	
	6685	147	484T	9.55	8.73	12.17	-6.75	5.42	24.0	-18.58	
	6845	179	484T	9.92	9.67	12.81	-6.75	6.06	24.0	-17.94	
8	6885	187	484T	9.43	9.03	12.24	-8.02	4.22	24.0	-19.78	
	7005	211	484T	9.83	9.27	12.57	-8.02	4.54	24.0	-19.46	
	7085	227	484T	10.51	10.42	13.48	-8.02	5.45	24.0	-18.55	

Table 7-25. MIMO 40MHz BW 802.11ax/be (UNII) Maximum Conducted Output Power – LPI/SP

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 108 of 277





## MIMO Maximum Conducted Output Power Measurements (996 Tones)

80MHz BW	Band	Freq [MHz]	Channel	Tones	Average Conducted Power (dBm)			Dir. Ant. Gain [dBij]	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	9.67	9.59	12.64	-2.30	10.34	24.0	-13.66	
	6145	39	996T	9.47	9.11	12.30	-2.30	10.00	24.0	-14.00	
	6385	87	996T	9.98	8.54	12.33	-2.30	10.03	24.0	-13.97	
6	6465	103	996T	9.79	8.51	12.21	-4.21	8.00	24.0	-16.00	
	6545	119	996T	10.70	9.30	13.07	-6.75	6.32	24.0	-17.68	
7	6705	151	996T	9.71	9.22	12.48	-6.75	5.73	24.0	-18.27	
	6865	183	996T	9.53	9.06	12.31	-6.75	5.56	24.0	-18.44	
	6945	199	996T	9.61	9.46	12.55	-8.02	4.52	24.0	-19.48	
8	7025	215	996T	9.89	9.38	12.65	-8.02	4.63	24.0	-19.37	

Table 7-26. MIMO 80MHz BW 802.11ax/be (UNII) Maximum Conducted Output Power – LPI/SP

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 109 of 277



## 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	9.38	9.57	12.49	-2.30	10.18	24.0	-13.82	
	6185	47	2x996T	9.94	9.11	12.56	-2.30	10.25	24.0	-13.75	
	6345	79	2x996T	9.27	8.78	12.04	-2.30	9.74	24.0	-14.26	
6	6505	111	2x996T	9.98	9.03	12.54	-4.21	8.33	24.0	-15.67	
	6665	143	2x996T	9.66	8.98	12.34	-6.75	5.59	24.0	-18.41	
7	6825	175	2x996T	9.77	9.43	12.61	-6.75	5.86	24.0	-18.14	
	6985	207	2x996T	9.85	9.01	12.46	-8.02	4.44	24.0	-19.56	

Table 7-27. MIMO 160MHz BW 802.11ax/be (UNII) Maximum Conducted Output Power – LPI/SP

FCC ID: A3LSMX920	<b>MEASUREMENT REPORT</b>		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 110 of 277



## MIMO Maximum Conducted Output Power Measurements (4x996 Tones)

320MHz BW	Band	Freq [MHz]	Channel	Tones	Average Conducted Power (dBm)			Dir. Ant. Gain [dBij]	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	9.87	8.80	12.38	-2.30	10.07	24.0	-13.93	
	6265	63	4x996T	9.54	9.34	12.45	-2.30	10.15	24.0	-13.85	
6	6425	95	4x996T	9.61	8.66	12.17	-4.21	7.96	24.0	-16.04	
	6585	127	4x996T	9.43	9.11	12.28	-6.75	5.53	24.0	-18.47	
7	6745	159	4x996T	9.55	9.09	12.34	-6.75	5.59	24.0	-18.41	
	6905	191	4x996T	9.76	9.43	12.61	-8.02	4.58	24.0	-19.42	

Table 7-28. MIMO 320MHz BW 802.11be (UNII) Maximum Conducted Output Power – LPI/SP

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 111 of 277

## 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						
					ANT1	ANT2	MIMO				
5	6175	45	52+26T	3.78	3.66	6.73	-2.30	4.43	24.0	-19.57	
6	6475	105	52+26T	3.91	3.72	6.83	-4.21	2.62	24.0	-21.38	
7	6695	149	52+26T	3.91	3.46	6.70	-6.75	-0.05	24.0	-24.05	
8	6995	209	52+26T	3.83	3.50	6.68	-8.02	-1.35	24.0	-25.35	

Table 7-29. MIMO 20MHz BW 802.11be (UNII) Maximum Conducted Output Power (52+26T) – LPI/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						
					ANT1	ANT2	MIMO				
5	6175	45	106+26T	6.51	6.53	9.20	-2.30	7.23	24.0	-16.77	
6	6475	105	106+26T	6.51	5.84	9.20	-4.21	5.32	24.0	-18.68	
7	6695	149	106+26T	6.71	6.27	9.51	-6.75	2.76	24.0	-21.24	
8	6995	209	106+26T	6.71	6.56	9.65	-8.02	1.62	24.0	-22.38	

Table 7-30. MIMO 20MHz BW 802.11be (UNII) Maximum Conducted Output Power (106+26T) – LPI/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	9.18	9.52	12.36	9.34	9.73	12.55	9.18	9.59	12.40	-2.30	10.25	24.0	-13.75
	6145	39	242+484T	9.56	9.51	12.55	9.71	9.72	12.73	9.37	9.61	12.50	-2.30	10.42	24.0	-13.58
6	6385	87	242+484T	9.68	8.88	12.31	9.79	8.96	12.41	9.61	9.82	12.73	-2.30	10.42	24.0	-13.58
	6465	103	242+484T	9.71	9.31	12.52	9.84	9.45	12.66	9.72	9.34	12.54	-4.21	8.45	24.0	-15.55
7	6545	119	242+484T	10.62	10.05	13.35	10.72	10.21	13.48	10.69	10.11	13.42	-6.75	6.73	24.0	-17.27
	6705	151	242+484T	9.61	9.05	12.35	9.83	9.22	12.55	9.69	9.12	12.42	-6.75	5.80	24.0	-18.20
8	6865	183	242+484T	9.71	9.55	12.64	9.81	9.49	12.93	9.78	9.59	12.70	-6.75	5.97	24.0	-18.03
	6945	199	242+484T	9.21	9.53	12.38	9.35	9.68	12.58	9.21	9.51	12.37	-8.02	4.50	24.0	-19.50
	7025	215	242+484T	9.79	9.63	12.72	9.44	9.27	12.37	9.58	9.66	12.63	-8.02	4.70	24.0	-19.30

Table 7-31. MIMO 80MHz BW 802.11be (UNII) Maximum Conducted Output Power (484+242T) – LPI/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						
5	6025	15	996+484T	9.64	9.99	12.83	9.34	9.71	12.54	-2.30	10.52	24.0	-13.48	
	6185	47	996+484T	9.89	9.16	12.55	9.86	9.42	12.66	-2.30	10.35	24.0	-13.65	
	6345	79	996+484T	9.47	9.51	12.50	9.77	9.84	12.82	-2.30	10.51	24.0	-13.49	
6	6505	111	996+484T	9.92	9.92	12.93	9.92	9.92	12.93	-4.21	8.72	24.0	-15.28	
	6665	143	996+484T	9.83	9.48	12.67	9.89	9.76	12.84	-6.75	6.09	24.0	-17.91	
8	6825	175	996+484T	9.11	9.72	12.44	9.42	9.78	12.61	-6.75	5.86	24.0	-18.14	
	6985	207	996+484T	9.79	9.85	12.83	9.56	9.63	12.61	-8.02	4.81	24.0	-19.19	

Table 7-32. 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	9.61	8.91	12.28	9.49	8.53	12.05	9.71	9.08	12.42	-2.30	10.11	24.0	-13.89	
	6265	63	3x996+484T	9.39	9.33	12.47	9.53	9.43	12.20	9.23	9.61	12.43	-2.30	10.17	24.0	-13.83	
6	6425	95	3x996+484T	9.98	9.45	12.73	9.81	9.29	12.57	9.57	9.24	12.42	-4.21	8.53	24.0	-15.47	
	6585	127	3x996+484T	9.89	9.62	12.77	9.51	9.78	12.66	9.89	9.81	12.86	-6.75	6.11	24.0	-17.89	
7	6745	159	3x996+484T	9.43	9.32	12.39	9.33	9.22	12.29	9.59	9.13	12.38	-6.75	5.64	24.0	-18.36	
	6905	191	3x996+484T	9.46	9.55	12.52	9.35	9.37	12.37	9.61	9.55	12.59	-8.02	4.57	24.0	-19.43	

Table 7-33. MIMO 320MHz BW 802.11be (UNII) Maximum Conducted Output Power (3x996+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												
					00104			01104			11104						
5	6105	31	3x996T	9.78	9.01	12.42	9.58	8.62	12.14	9.98	9.28	12.65	-2.30	10.35	24.0	-13.65	
	6265	63	3x996T	9.68	9.82	12.76	9.06	9.57	12.33	9.31	9.57	12.45	-2.30	10.46	24.0	-13.54	
6	6425	95	3x996T	9.58	9.16	12.39	9.95	9.44	12.71	9.53	8.89	12.23	-4.21	8.51	24.0	-15.49	
	6585	127	3x996T	9.81	9.84	12.84	9.86	9.65	12.77	9.79	9.68	12.75	-6.75	6.08	24.0	-17.92	
7	6745	159	3x996T	9.61	9.58	12.61	9.49	9.42	12.47	9.38	8.99	12.20	-6.75	5.85	24.0	-18.15	
	6905	191	3x996T	9.69	9.81	12.76	9.49	9.56	12.54	9.47	9.22	12.36	-8.02	4.74	24.0	-19.26	

Table 7-34. 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						
5	6105	31	2x996+484T	9.67	9.00	12.36	9.58	8.94	12.28	9.61	8.68	12.18	-2.30	10.05	24.0	-13.95	
	6265	63	2x996+484T	9.27	9.71	12.51	9.32	9.58	12.46	9.49	9.58	12.55	-2.30	10.24	24.0	-13.76	
6	6425	95	2x996+484T	9.50	9.17	12.35	9.49	9.06	12.29	9.91	9.41	12.68	-4.21	8.47	24.0	-15.53	
	6585	127	2x996+484T	9.39	9.39	12.40	9.34	9.86	12.91	9.69	9.66	12.69	-6.75	6.16	24.0	-17.84	
7	6745	159	2x996+484T	9.38	9.38	12.49	9.88	9.95	12.93	9.41	9.37	12.40	-6.75	6.18	24.0	-17.82	
	6905	191	2x996+484T	9.61	9.63	12.63	9.61	9.30	12.47	9.48	9.61	12.56	-8.02	4.61	24.0	-19.39	

Table 7-35. MIMO 320MHz BW 802.11be (UNII) Maximum Conducted Output Power (2x996+484T) – LPI/SP

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 112 of 277



**Sample MIMO Calculation:**

At 5935MHz in 802.11ax (20MHz BW – 26 Tones) mode, the average conducted output power was measured to be -0.11 dBm for Antenna-1 and 0.72 dBm for Antenna-2.

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

$$(-0.11 \text{ dBm} + 0.72 \text{ dBm}) = (0.975 \text{ mW} + 1.180 \text{ mW}) = 2.155 \text{ mW} = 3.34\text{dBm}$$

**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.

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

**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 3.34 dBm with directional gain of -2.30 dBi.

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

$$3.34 \text{ dBm} + -2.30 \text{ dBi} = 1.04 \text{ dBm}$$

<b>FCC ID:</b> A3LSMX920	<b>MEASUREMENT REPORT</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2405140042-08-R1.A3L	<b>Test Dates:</b> 6/5/2024 – 8/12/2024	<b>EUT Type:</b> Portable Tablet	Page 113 of 277

## 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  $\geq 2 \times$  (span/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: A3LSMX920	<b>MEASUREMENT REPORT</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2405140042-08-R1.A3L	<b>Test Dates:</b> 6/5/2024 – 8/12/2024	<b>EUT Type:</b> Portable Tablet	Page 114 of 277

## 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)	-1.56	-3.05	-4.47	-6.25	0.77	-2.30	-1.53	-1	-0.53
	6175	45	be (20MHz)	-1.86	-2.01	-4.47	-6.25	1.08	-2.30	-1.23	-1	-0.23
	6415	93	be (20MHz)	-3.75	-4.40	-4.47	-6.25	-1.05	-2.30	-3.36	-1	-2.36
	5965	3	be (40MHz)	-1.89	-2.34	-4.47	-6.25	0.91	-2.30	-1.40	-1	-0.40
	6165	43	be (40MHz)	-1.94	-2.13	-4.47	-6.25	0.98	-2.30	-1.33	-1	-0.33
	6405	91	be (40MHz)	-2.42	-3.00	-4.47	-6.25	0.31	-2.30	-2.00	-1	-1.00
	5985	7	be (80MHz)	-3.37	-2.71	-4.47	-6.25	-0.02	-2.30	-2.32	-1	-1.32
	6145	39	be (80MHz)	-4.11	-3.67	-4.47	-6.25	-0.88	-2.30	-3.18	-1	-2.18
	6385	87	be (80MHz)	-3.57	-3.89	-4.47	-6.25	-0.71	-2.30	-3.02	-1	-2.02
	6025	15	be (160MHz)	-2.84	-2.64	-4.47	-6.25	0.27	-2.30	-2.03	-1	-1.03
	6185	47	be (160MHz)	-2.11	-2.92	-4.47	-6.25	0.51	-2.30	-1.79	-1	-0.79
	6345	79	be (160MHz)	-2.64	-3.35	-4.47	-6.25	0.03	-2.30	-2.28	-1	-1.28
	6105	31	be (320MHz)	-1.99	-2.38	-4.47	-6.25	0.83	-2.30	-1.48	-1	-0.48
6265	63	be (320MHz)	-2.97	-3.59	-4.47	-6.25	-0.26	-2.30	-2.56	-1	-1.56	
Band 6	6435	97	be (20MHz)	-3.69	-2.99	-6.61	-7.87	-0.31	-4.21	-4.52	-1	-3.52
	6475	105	be (20MHz)	-4.07	-2.80	-6.61	-7.87	-0.38	-4.21	-4.58	-1	-3.58
	6515	113	be (20MHz)	-3.59	-3.89	-6.61	-7.87	-0.72	-4.21	-4.93	-1	-3.93
	6445	99	be (40MHz)	-2.85	-2.76	-6.61	-7.87	0.20	-4.21	-4.00	-1	-3.00
	6485	107	be (40MHz)	-2.48	-3.16	-6.61	-7.87	0.20	-4.21	-4.00	-1	-3.00
	6525	115	be (40MHz)	-1.57	-1.50	-6.61	-7.87	1.48	-4.21	-2.73	-1	-1.73
	6465	103	be (80MHz)	-3.35	-4.22	-6.61	-7.87	-0.75	-4.21	-4.96	-1	-3.96
	6505	111	be (160MHz)	-1.27	-1.12	-6.61	-7.87	1.81	-4.21	-2.39	-1	-1.39
Band 5/6/7	6425	95	be (320MHz)	-2.68	-3.46	-4.47	-6.25	-0.04	-2.30	-2.35	-1	-1.35
Band 7	6695	117	be (20MHz)	-12.23	-3.74	-8.23	-11.62	-3.16	-6.75	-9.91	-1	-8.91
	6695	149	be (20MHz)	-13.58	-3.04	-8.23	-11.62	-2.68	-6.75	-9.43	-1	-8.43
	6875	185	be (20MHz)	-1.27	-1.39	-8.23	-11.62	1.68	-6.75	-5.07	-1	-4.07
	6565	123	be (40MHz)	-1.24	-1.83	-8.23	-11.62	1.48	-6.75	-5.27	-1	-4.27
	6725	155	be (40MHz)	-2.50	-3.42	-8.23	-11.62	0.08	-6.75	-6.67	-1	-5.67
	6845	179	be (40MHz)	-1.63	-1.73	-8.23	-11.62	1.33	-6.75	-5.42	-1	-4.42
	6545	119	be (80MHz)	-2.31	-2.77	-8.23	-11.62	0.47	-6.75	-6.28	-1	-5.28
	6705	151	be (80MHz)	-3.66	-4.48	-8.23	-11.62	-1.04	-6.75	-7.79	-1	-6.79
	6865	183	be (80MHz)	-2.68	-2.20	-8.23	-11.62	0.58	-6.75	-6.17	-1	-5.17
	6665	143	be (160MHz)	-2.21	-3.07	-8.23	-11.62	0.39	-6.75	-6.36	-1	-5.36
	6825	175	be (160MHz)	-2.22	-2.08	-8.23	-11.62	0.86	-6.75	-5.89	-1	-4.89
Band 6/7	6585	127	be (320MHz)	-2.52	-2.37	-6.61	-7.87	0.57	-4.21	-3.64	-1	-2.64
Band 7/8	6745	159	be (320MHz)	-2.13	-1.86	-8.23	-11.62	1.02	-6.75	-5.73	-1	-4.73
Band 8	6895	189	be (20MHz)	-1.49	-1.80	-10.54	-11.56	1.37	-8.02	-6.65	-1	-5.65
	6995	209	be (20MHz)	-1.01	-1.65	-10.54	-11.56	1.69	-8.02	-6.33	-1	-5.33
	7115	233	be (20MHz)	-1.07	-1.88	-10.54	-11.56	1.56	-8.02	-6.47	-1	-5.47
	6885	187	be (40MHz)	-1.84	-1.13	-10.54	-11.56	1.54	-8.02	-6.48	-1	-5.48
	6965	211	be (40MHz)	-1.16	-2.56	-10.54	-11.56	1.20	-8.02	-6.82	-1	-5.82
	7085	227	be (40MHz)	0.42	-0.37	-10.54	-11.56	3.05	-8.02	-4.97	-1	-3.97
	6945	199	be (80MHz)	-3.32	-2.74	-10.54	-11.56	-0.01	-8.02	-8.04	-1	-7.04
	7025	215	be (80MHz)	-2.74	-3.81	-10.54	-11.56	-0.23	-8.02	-8.26	-1	-7.26
	6985	207	be (160MHz)	-1.56	-2.91	-10.54	-11.56	0.83	-8.02	-7.20	-1	-6.20
Band 7/8	6985	191	be (320MHz)	-2.16	-2.16	-8.23	-11.62	0.85	-6.75	-5.90	-1	-4.90

Table 7-36. MIMO e.i.r.p. Conducted Power Spectral Density Measurements (26 Tones) LPI/SP

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 115 of 277

	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/MHz]	Max EIRP [dBm/MHz]	Margin [dB]	
Band 5	5935	2	be (20MHz)	-2.15	-1.58	-4.47	-6.25	1.15	-2.30	0.25	-0.90	1	-1.90	
	6175	45	be (20MHz)	-1.76	-1.72	-4.47	-6.25	1.27	-2.30	0.25	-0.78	1	-1.78	
	6415	93	be (20MHz)	-2.63	-2.60	-4.47	-6.25	0.40	-2.30	0.25	-1.66	1	-2.66	
	5965	3	be (40MHz)	-2.88	-2.97	-4.47	-6.25	0.09	-2.30	0.44	-1.78	1	-2.78	
	6165	43	be (40MHz)	-3.10	-3.34	-4.47	-6.25	-0.21	-2.30	0.44	-2.07	1	-3.07	
	6405	91	be (40MHz)	-5.27	-5.97	-4.47	-6.25	-2.60	-2.30	0.44	-4.46	1	-5.46	
	5985	7	be (80MHz)	-6.23	-5.97	-4.47	-6.25	-3.09	-2.30	0.26	-5.13	1	-6.13	
	6145	39	be (80MHz)	-6.89	-7.28	-4.47	-6.25	-4.07	-2.30	0.26	-6.12	1	-7.12	
	6385	87	be (80MHz)	-9.00	-9.09	-4.47	-6.25	-6.04	-2.30	0.26	-8.08	1	-9.08	
	6025	15	be (160MHz)	-8.65	-8.17	-4.47	-6.25	-5.39	-2.30	0.45	-7.25	1	-8.25	
	6185	47	be (160MHz)	-8.54	-8.67	-4.47	-6.25	-5.60	-2.30	0.45	-7.45	1	-8.45	
	6345	79	be (160MHz)	-10.25	-9.62	-4.47	-6.25	-6.91	-2.30	0.45	-8.77	1	-9.77	
	6105	31	be (320MHz)	-11.08	-10.34	-4.47	-6.25	-7.68	-2.30	0.45	-9.54	1	-10.54	
	6265	63	be (320MHz)	-11.39	-10.80	-4.47	-6.25	-8.07	-2.30	0.45	-9.93	1	-10.93	
Band 6	6435	97	be (20MHz)	-2.97	-2.12	-6.61	-7.87	0.48	-4.21	0.25	-3.47	-1	-2.47	
	6475	105	be (20MHz)	-3.29	-2.00	-6.61	-7.87	0.42	-4.21	0.25	-3.54	-1	-2.54	
	6515	113	be (20MHz)	-11.69	-3.09	-6.61	-7.87	-2.52	-4.21	0.25	-6.48	-1	-5.48	
	6445	99	be (40MHz)	-6.16	-5.61	-6.61	-7.87	-2.87	-4.21	0.44	-6.63	-1	-5.63	
	6485	107	be (40MHz)	-6.29	-5.84	-6.61	-7.87	-3.05	-4.21	0.44	-6.81	-1	-5.81	
	6525	115	be (40MHz)	-5.99	-5.64	-6.61	-7.87	-2.80	-4.21	0.44	-6.57	-1	-5.57	
	6465	103	be (80MHz)	-9.47	-9.19	-6.61	-7.87	-6.31	-4.21	0.26	-10.26	-1	-9.26	
	6505	111	be (160MHz)	-10.02	-10.20	-6.61	-7.87	-7.10	-4.21	0.45	-10.85	-1	-9.85	
Band 5/6/7	6425	95	be (320MHz)	-13.09	-12.43	-4.47	-6.25	-9.74	-2.30	0.45	-11.59	-1	-10.59	
	6695	117	be (20MHz)	-11.84	-2.58	-8.23	-11.62	-2.09	-6.75	0.25	-8.59	-1	-7.59	
Band 7	6695	149	be (20MHz)	-12.92	-1.59	-8.23	-11.62	-1.28	-6.75	0.25	-7.78	-1	-6.78	
	6875	185	be (20MHz)	-3.18	-3.29	-8.23	-11.62	-0.22	-6.75	0.25	-6.72	-1	-5.72	
	6565	123	be (40MHz)	-6.16	-5.63	-8.23	-11.62	-2.88	-6.75	0.44	-9.19	-1	-8.19	
	6725	155	be (40MHz)	-5.20	-5.33	-8.23	-11.62	-2.25	-6.75	0.44	-8.56	-1	-7.56	
	6845	179	be (40MHz)	-2.87	-3.17	-8.23	-11.62	0.00	-6.75	0.44	-6.31	-1	-5.31	
	6545	119	be (80MHz)	-9.32	-9.13	-8.23	-11.62	-6.21	-6.75	0.26	-12.70	-1	-11.70	
	6705	151	be (80MHz)	-8.19	-8.22	-8.23	-11.62	-5.20	-6.75	0.26	-11.69	-1	-10.69	
	6865	183	be (80MHz)	-6.53	-6.81	-8.23	-11.62	-3.66	-6.75	0.26	-10.15	-1	-9.15	
	6665	143	be (160MHz)	-10.07	-9.44	-8.23	-11.62	-6.73	-6.75	0.45	-13.03	-1	-12.03	
	6825	175	be (160MHz)	-9.09	-8.45	-8.23	-11.62	-5.75	-6.75	0.45	-12.05	-1	-11.05	
	Band 6/7	6585	127	be (320MHz)	-13.01	-12.82	-6.61	-7.87	-9.90	-4.21	0.45	-13.66	-1	-12.66
		6745	159	be (320MHz)	-10.38	-9.66	-8.23	-11.62	-7.00	-6.75	0.45	-13.30	-1	-12.30
	Band 7/8	6895	189	be (20MHz)	-0.26	-0.63	-10.54	-11.56	2.57	-8.02	0.25	-5.21	-1	-4.21
		6995	209	be (20MHz)	0.82	-0.26	-10.54	-11.56	3.33	-8.02	0.25	-4.45	-1	-3.45
7115		233	be (20MHz)	-0.03	-1.19	-10.54	-11.56	2.44	-8.02	0.25	-5.34	-1	-4.34	
6885		187	be (40MHz)	-3.05	-3.90	-10.54	-11.56	-0.44	-8.02	0.44	-8.03	-1	-7.03	
6965		211	be (40MHz)	-2.16	-3.25	-10.54	-11.56	0.34	-8.02	0.44	-7.24	-1	-6.24	
7085		227	be (40MHz)	-1.95	-3.47	-10.54	-11.56	0.37	-8.02	0.44	-7.22	-1	-6.22	
6945		199	be (80MHz)	-5.85	-6.21	-10.54	-11.56	-3.02	-8.02	0.26	-10.78	-1	-9.78	
7025		215	be (80MHz)	-5.87	-6.68	-10.54	-11.56	-3.25	-8.02	0.26	-11.01	-1	-10.01	
6985		207	be (160MHz)	-8.20	-6.82	-10.54	-11.56	-4.44	-8.02	0.45	-12.02	-1	-11.02	
Band 7/8		6905	191	be (320MHz)	-10.42	-9.34	-8.23	-11.62	-6.83	-6.75	0.45	-13.13	-1	-12.13

Table 7-37. MIMO e.i.r.p. Conducted Power Spectral Density Measurements (Full Tones) LPI/SP

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 116 of 277



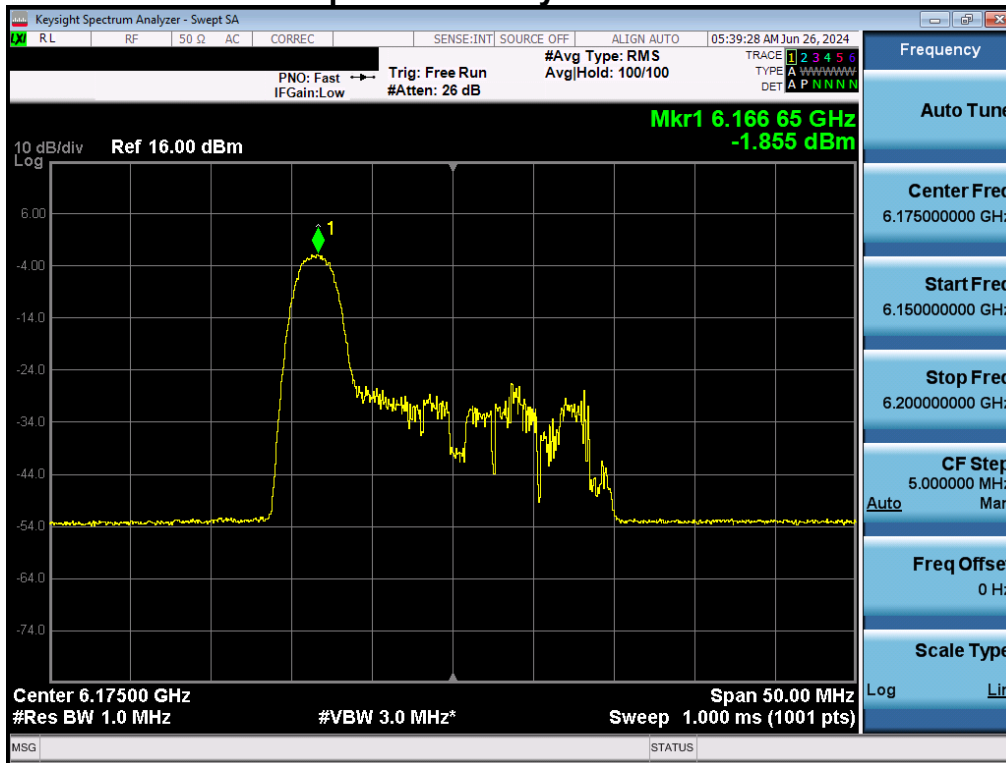


	Frequency [MHz]	Channel	802.11 MODE	MRU Cases	Antenna-1 Power Density [dBm]	Antenna-2 Power Density [dBm]	Antenna-1 Gain [dBi]	Antenna-2 Gain [dBi]	Summed MIMO Power Density [dBm]	Directional Gain [dBi]	DCCF	EIRP [dBm]	Max EIRP [dBm]	Margin [dB]
Band 5	6175	45	be (20MHz)	52+26T	-5.68	-5.13	-4.47	-6.25	-2.39	-2.30	0.09	-4.60	-1	-3.60
	6145	39	be (80MHz)	484+242T	-6.02	-5.80	-4.47	-6.25	-2.90	-2.30	0.58	-4.62	-1	-3.62
	6185	47	be (160MHz)	996+484T	-8.37	-8.58	-4.47	-6.25	-5.46	-2.30	0.36	-7.41	-1	-6.41
	6105	31	be (320MHz)	2x996+484T	-11.27	-10.34	-4.47	-6.25	-7.77	-2.30	0.51	-9.56	-1	-8.56
Band 6	6475	105	be (20MHz)	52+26T	-6.14	-4.78	-6.61	-7.87	-2.40	-4.21	0.09	-6.51	-1	-5.51
	6465	103	be (80MHz)	484+242T	-8.49	-7.64	-6.61	-7.87	-5.03	-4.21	0.58	-8.66	-1	-7.66
	6505	111	be (160MHz)	996+484T	-10.47	-9.49	-6.61	-7.87	-6.94	-4.21	0.36	-10.79	-1	-9.79
Band 5/6/7	6425	95	be (320MHz)	2x996+484T	-12.48	-12.42	-4.47	-6.25	-9.44	-2.30	0.51	-11.24	-1	-10.24
Band 7	6695	149	be (20MHz)	52+26T	-5.92	-4.47	-8.23	-11.62	-2.12	-6.75	0.09	-8.78	-1	-7.78
	6705	151	be (80MHz)	484+242T	-7.41	-6.45	-8.23	-11.62	-3.90	-6.75	0.58	-10.07	-1	-9.07
	6665	143	be (160MHz)	996+484T	-10.01	-9.61	-8.23	-11.62	-6.80	-6.75	0.36	-13.19	-1	-12.19
Band 6/7	6745	159	be (320MHz)	2x996+484T	-12.54	-12.42	-8.23	-11.62	-9.47	-6.75	0.51	-15.71	-1	-14.71
Band 8	6995	209	be (20MHz)	52+26T	-4.88	-4.57	-10.54	-11.56	-1.71	-8.02	0.09	-9.65	-1	-8.65
	6945	199	be (80MHz)	484+242T	-5.35	-5.31	-10.54	-11.56	-2.32	-8.02	0.58	-9.76	-1	-8.76
	6985	207	be (160MHz)	996+484T	-8.80	-7.01	-10.54	-11.56	-4.80	-8.02	0.36	-12.47	-1	-11.47
Band 7/8	6905	191	be (320MHz)	3x996+484T	-11.03	-11.34	-8.23	-11.62	-8.17	-6.75	0.22	-14.70	-1	-13.70

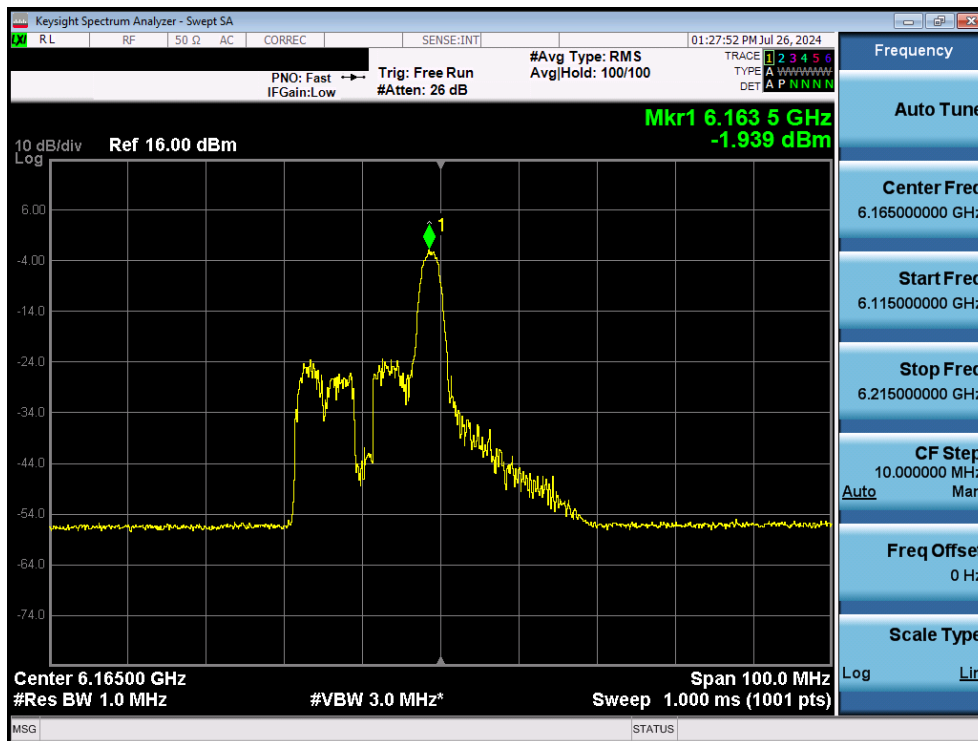
**Table 7-38. MIMO e.i.r.p. Conducted Power Spectral Density Measurements (MRU) LPI/SP**

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 117 of 277

### 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)

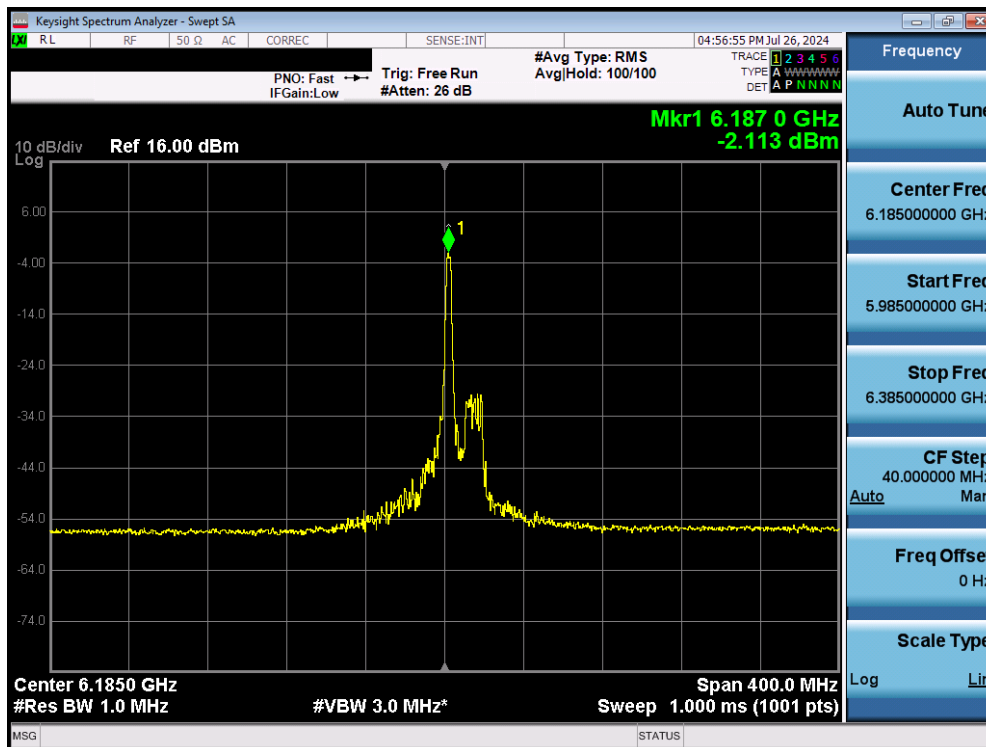


Plot 7-114. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 43)

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 118 of 277

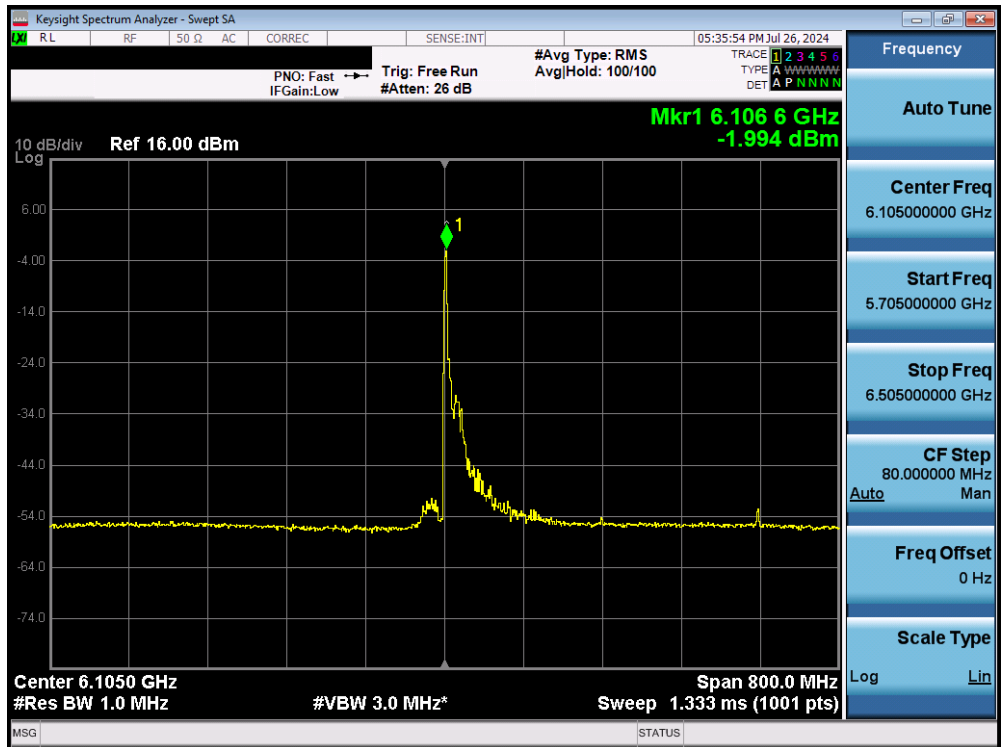


Plot 7-115. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 39)

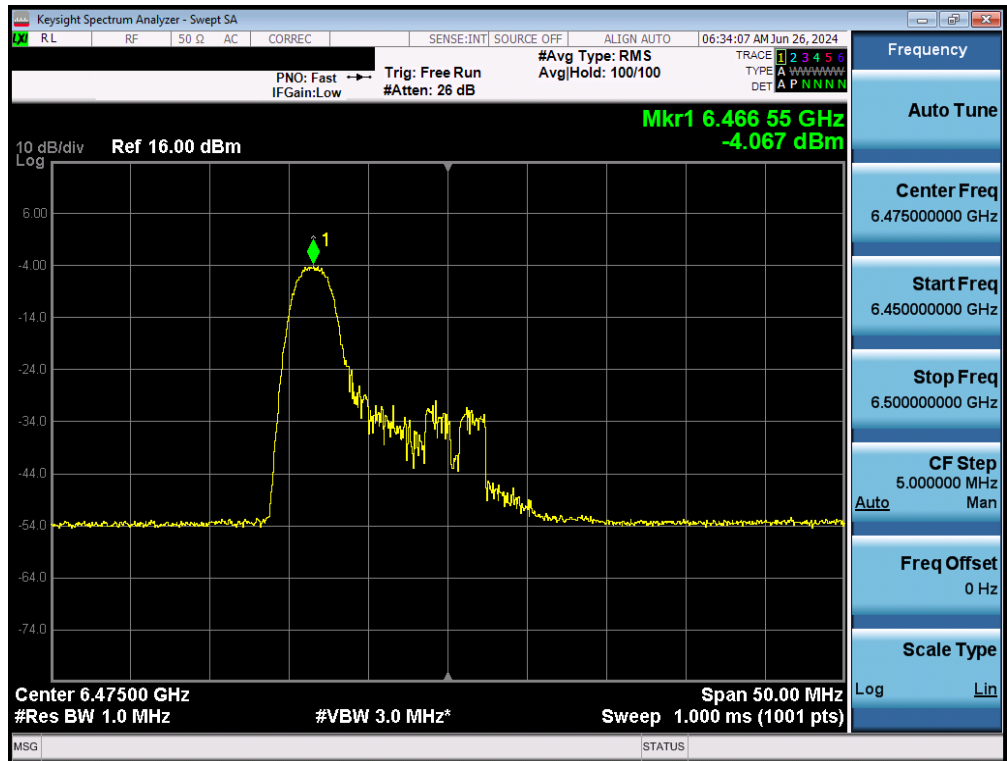


Plot 7-116. Power Spectral Density Plot MIMO ANT1 (160MHz BW 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 47)

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 119 of 277

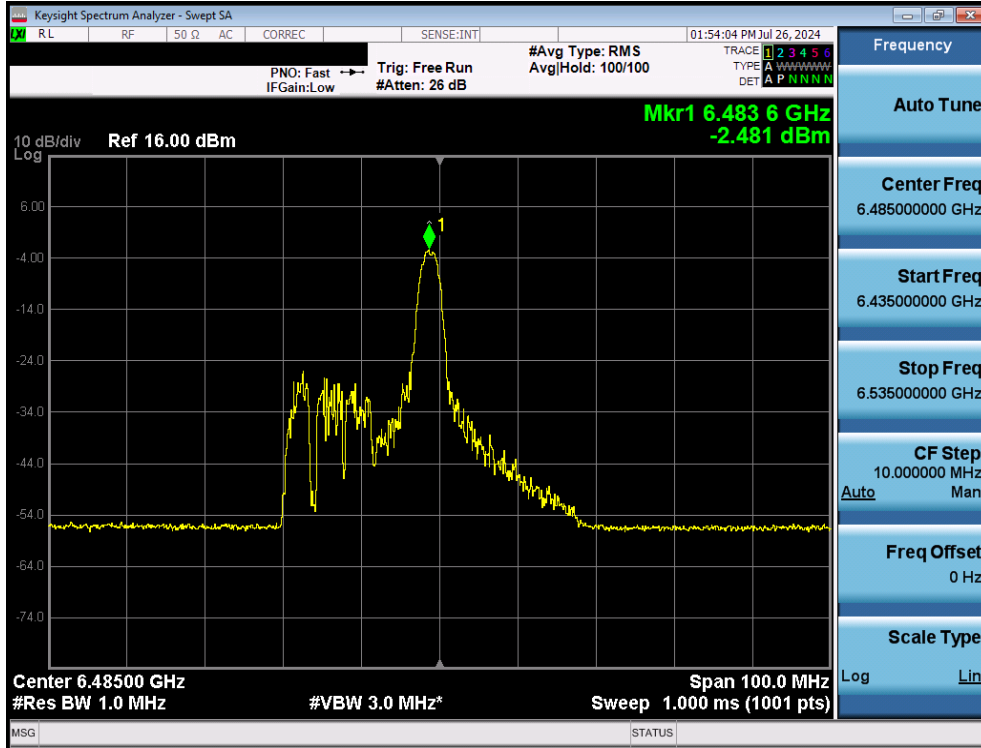


Plot 7-117. Power Spectral Density Plot MIMO ANT1 (320MHz BW 802.11be (26 Tones) (UNII Band 5) – Ch. 31)



Plot 7-118. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax/be (26 Tones) (UNII Band 6) – Ch. 105)

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 120 of 277

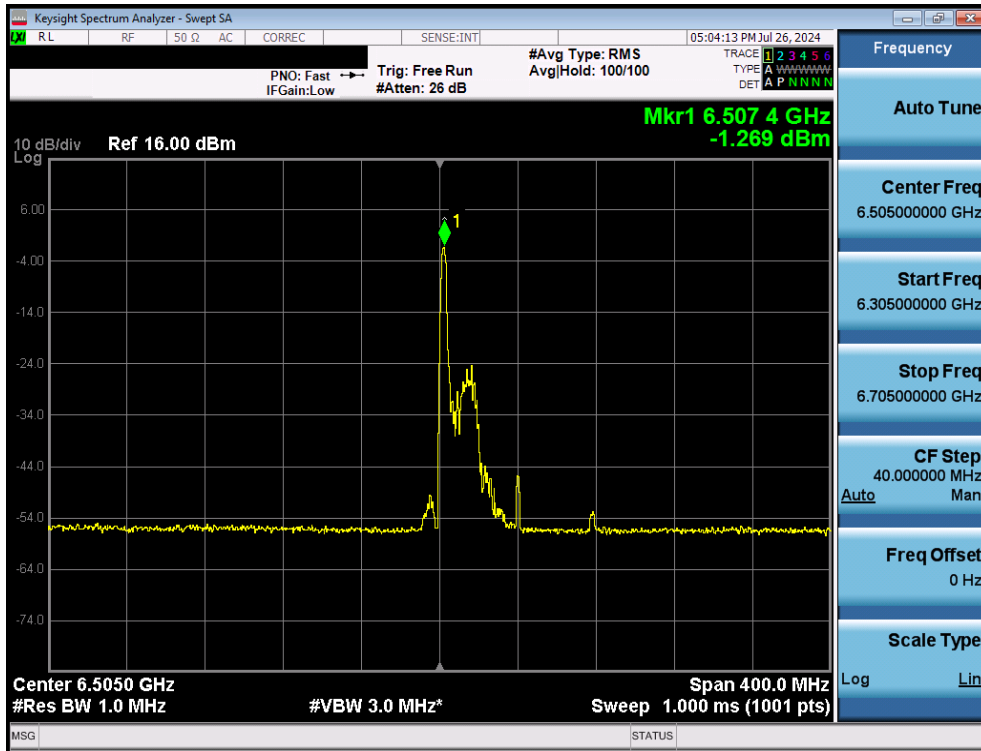


Plot 7-119. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax/be (26 Tones) (UNII Band 6) – Ch. 107)

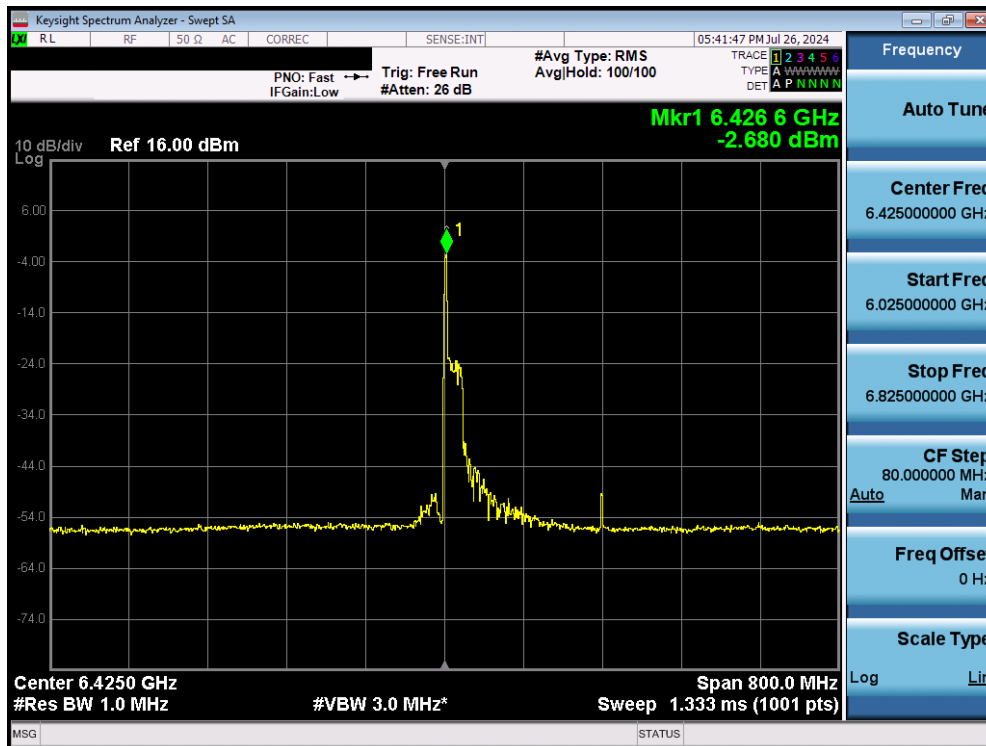


Plot 7-120. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax/be (26 Tones) (UNII Band 6) – Ch. 103)

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 121 of 277

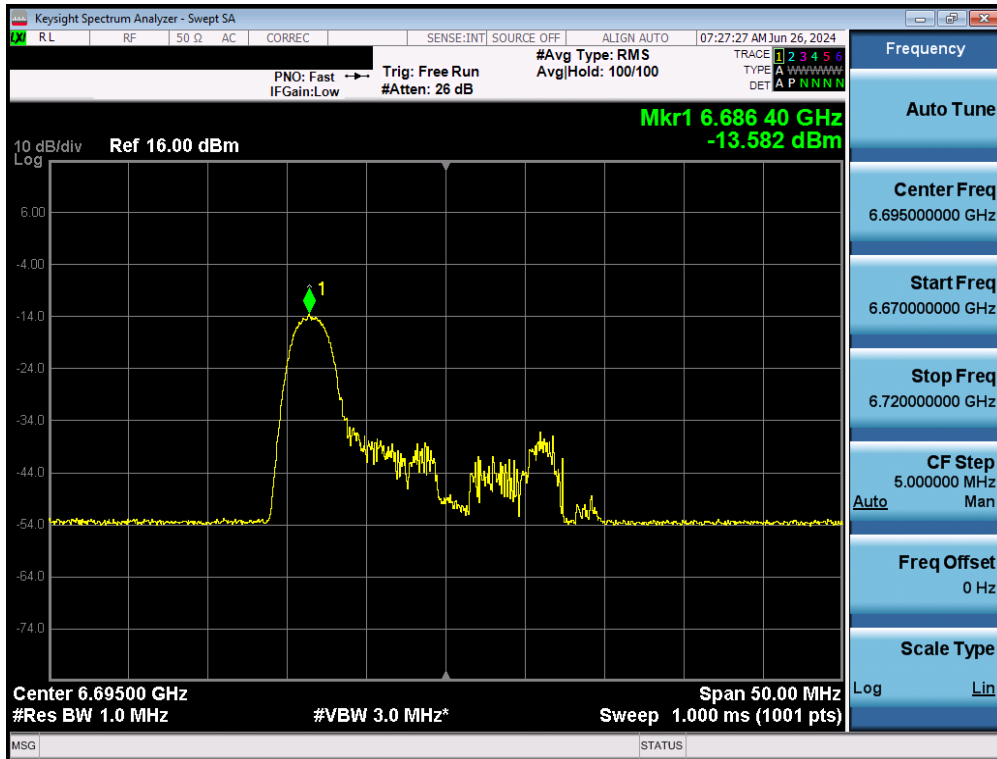


Plot 7-121. Power Spectral Density Plot MIMO ANT1 (160MHz BW 802.11ax/be (26 Tones) (UNII Band 6) – Ch. 111)

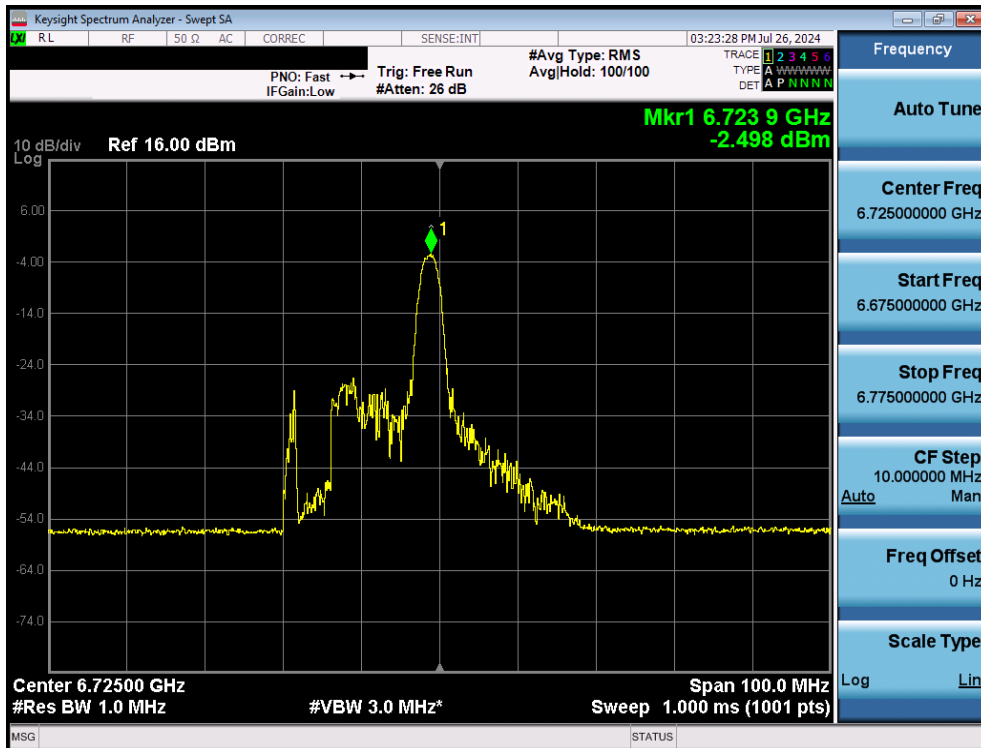


Plot 7-122. Power Spectral Density Plot MIMO ANT1 (320MHz BW 802.11be (26 Tones) (UNII Band 6) – Ch. 95)

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 122 of 277



Plot 7-123. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax/be (26 Tones) (UNII Band 7) – Ch. 149)

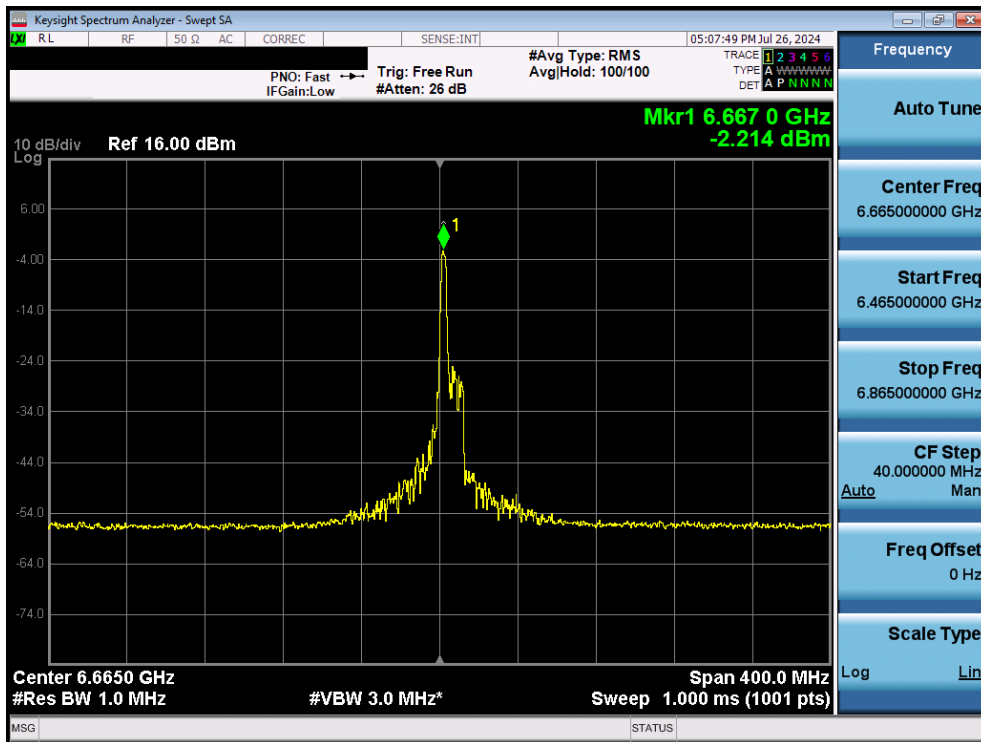


Plot 7-124. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax/be (26 Tones) (UNII Band 7) – Ch. 155)

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 123 of 277



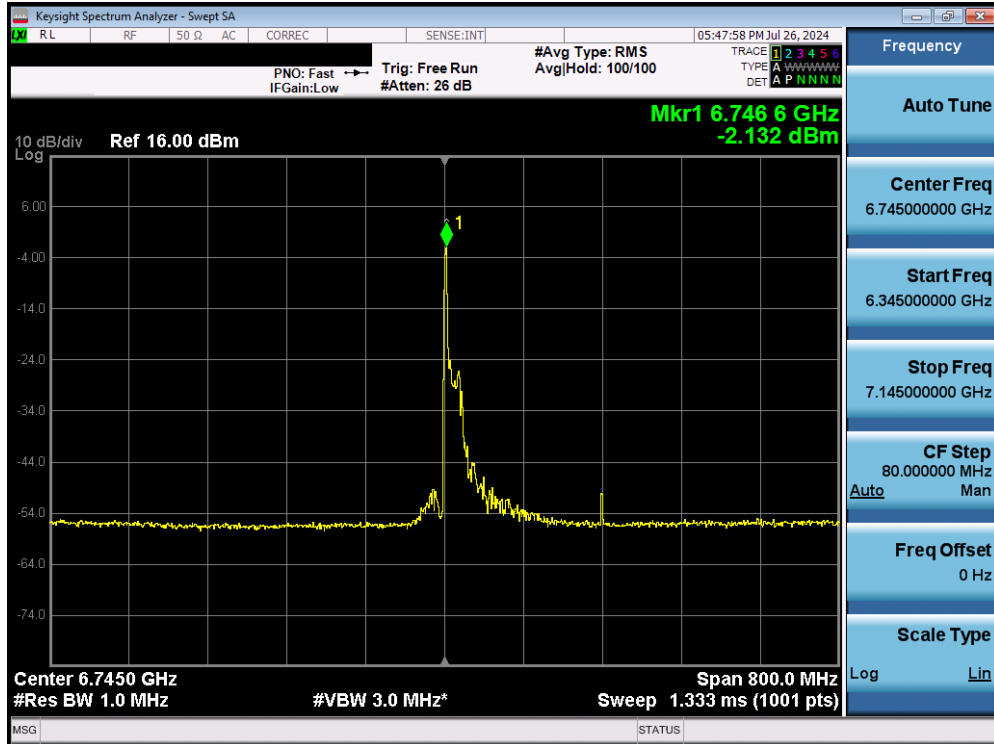
Plot 7-125. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax/be (26 Tones) (UNII Band 7) – Ch. 151)



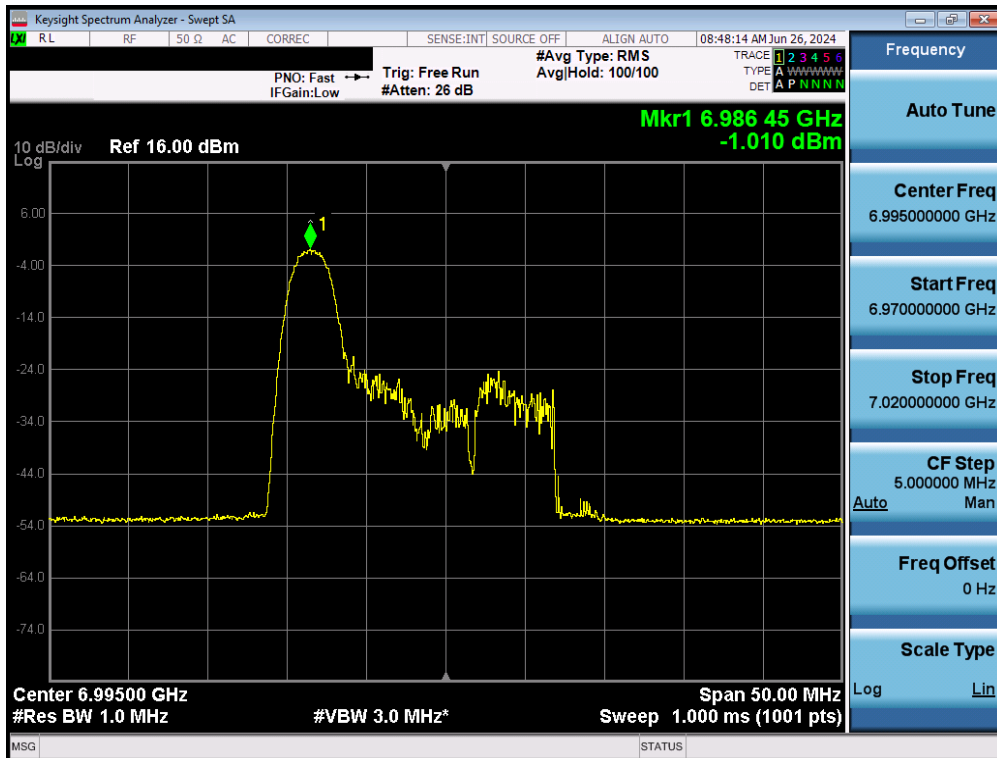
Plot 7-126. Power Spectral Density Plot MIMO ANT1 (160MHz BW 802.11ax/be (26 Tones) (UNII Band 7) – Ch. 143)

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 124 of 277



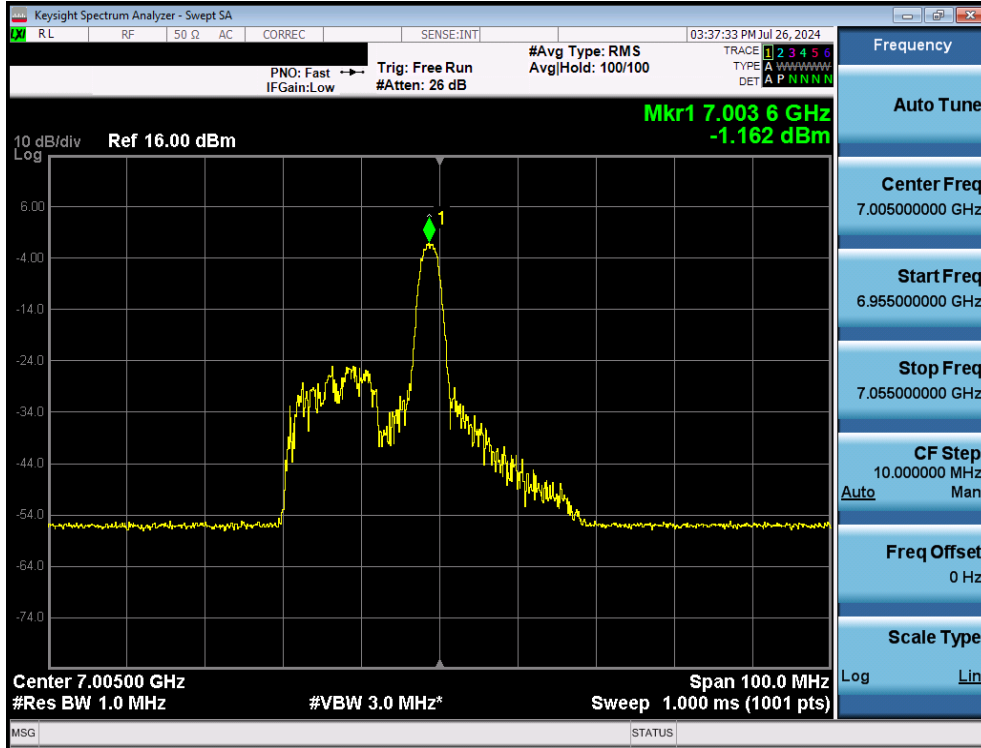


Plot 7-127. Power Spectral Density Plot MIMO ANT1 (320MHz BW 802.11be (26 Tones) (UNII Band 7) – Ch. 159)



Plot 7-128. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax/be (26 Tones) (UNII Band 8) – Ch. 209)

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 125 of 277

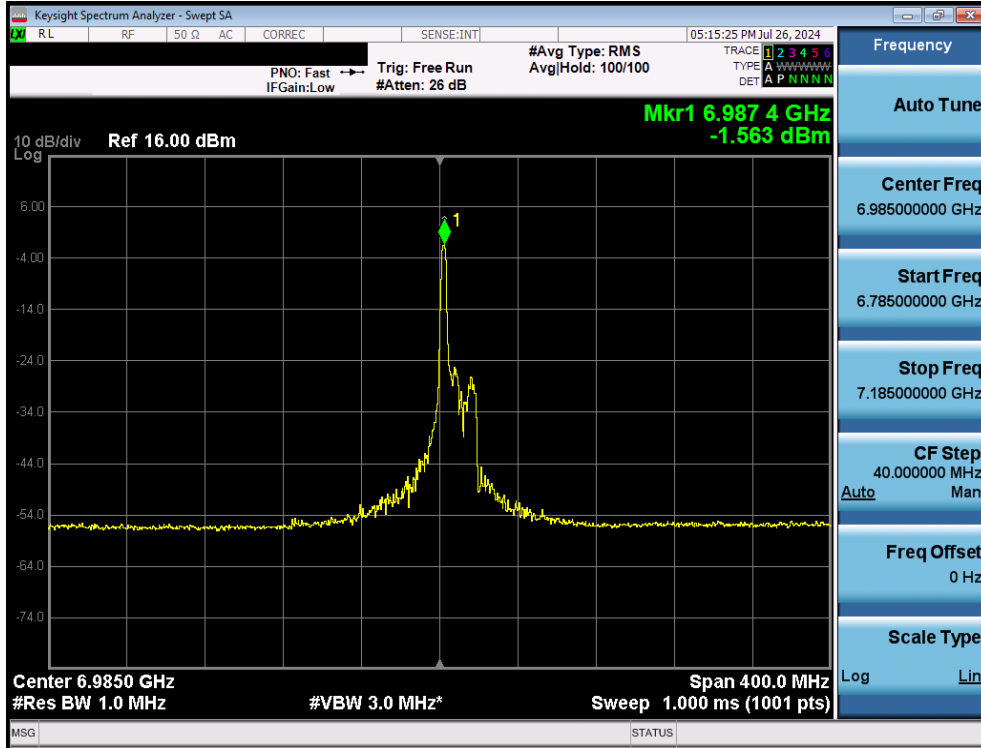


Plot 7-129. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax/be (26 Tones) (UNII Band 8) – Ch. 211)

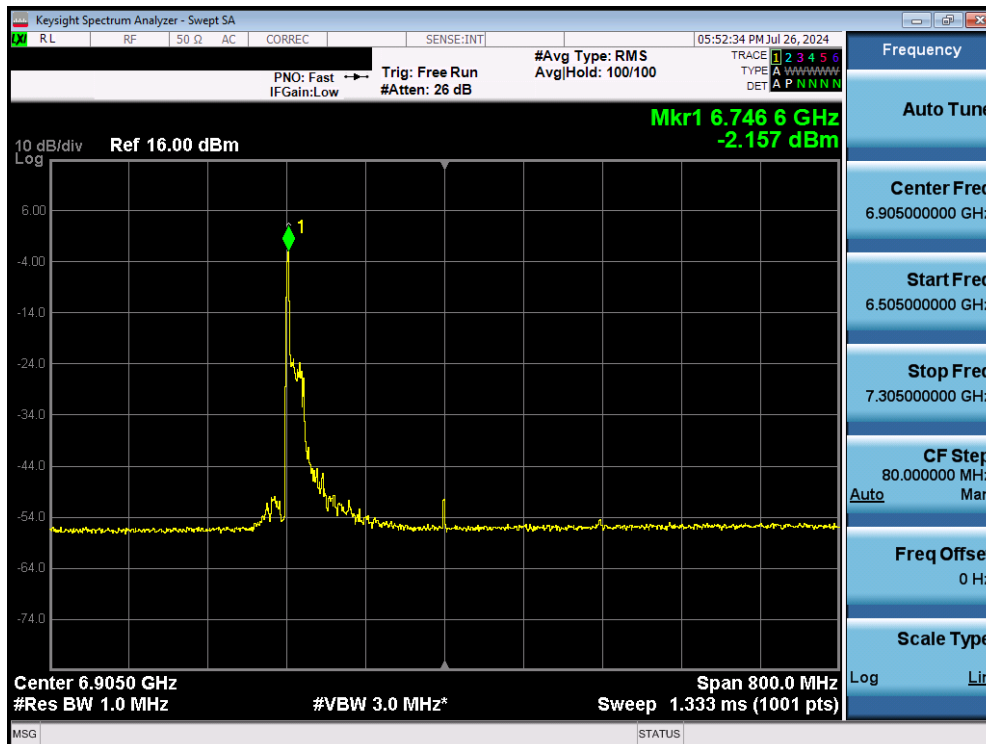


Plot 7-130. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax/be (26 Tones) (UNII Band 8) – Ch. 199)

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 126 of 277

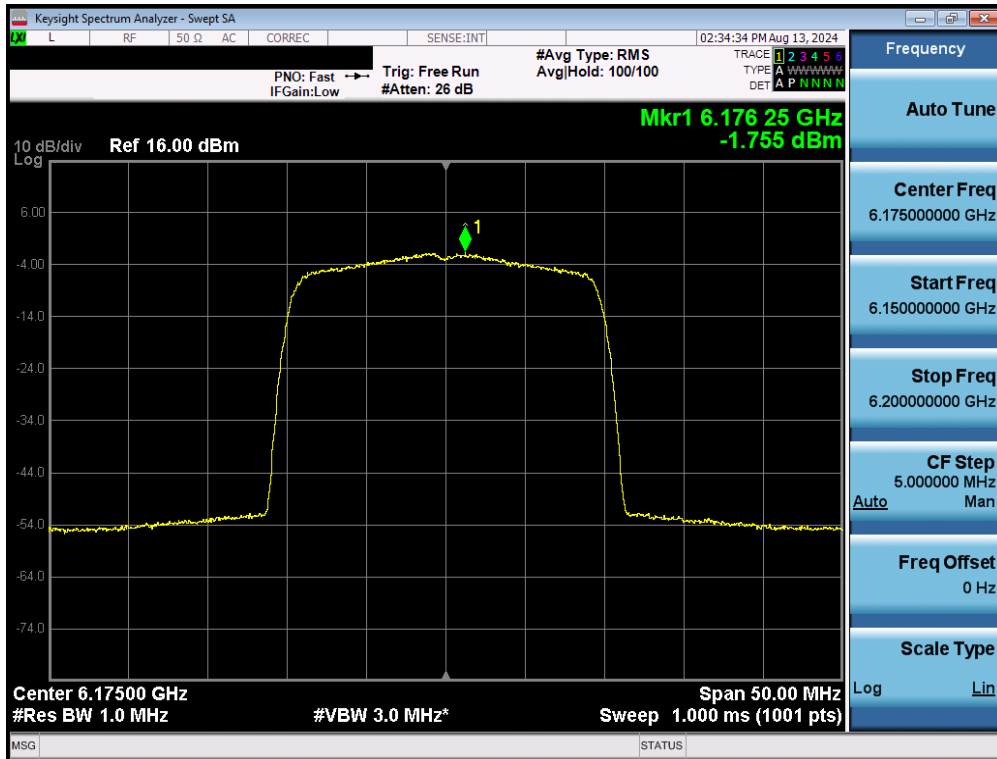


Plot 7-131. Power Spectral Density Plot MIMO ANT1 (160MHz BW 802.11ax/be (26 Tones) (UNII Band 8) – Ch. 207)

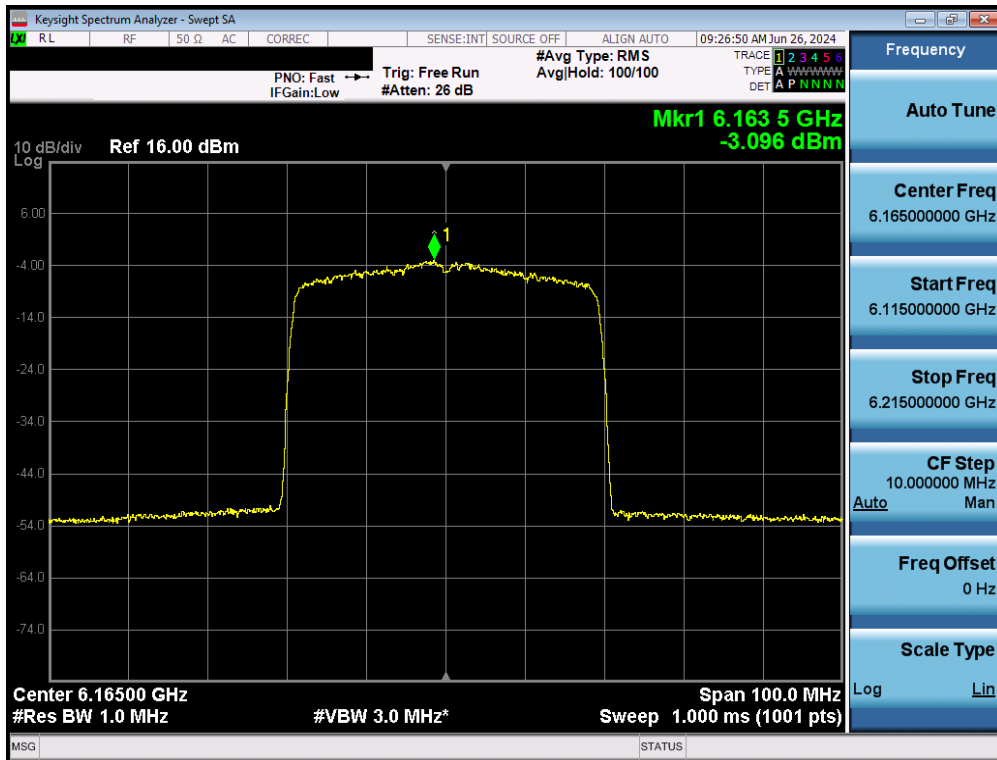


Plot 7-132. Power Spectral Density Plot MIMO ANT1 (320MHz BW 802.11be (26 Tones) (UNII Band 8) – Ch. 191)

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 127 of 277

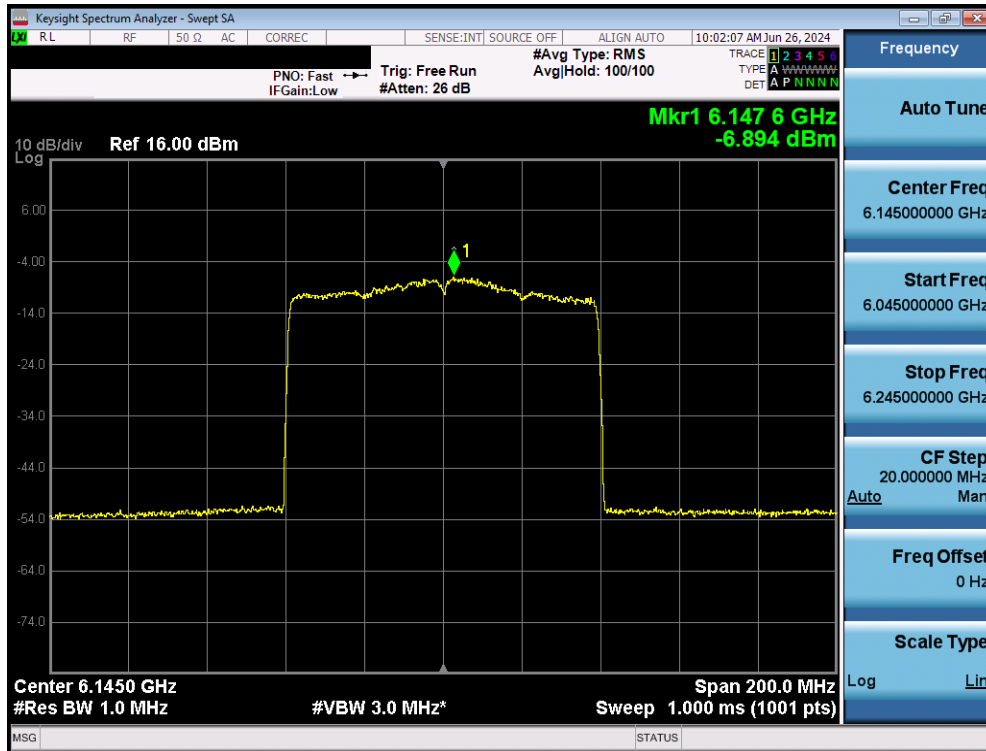


Plot 7-133. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax/be (Full Tones) (UNII Band 5) – Ch. 45)

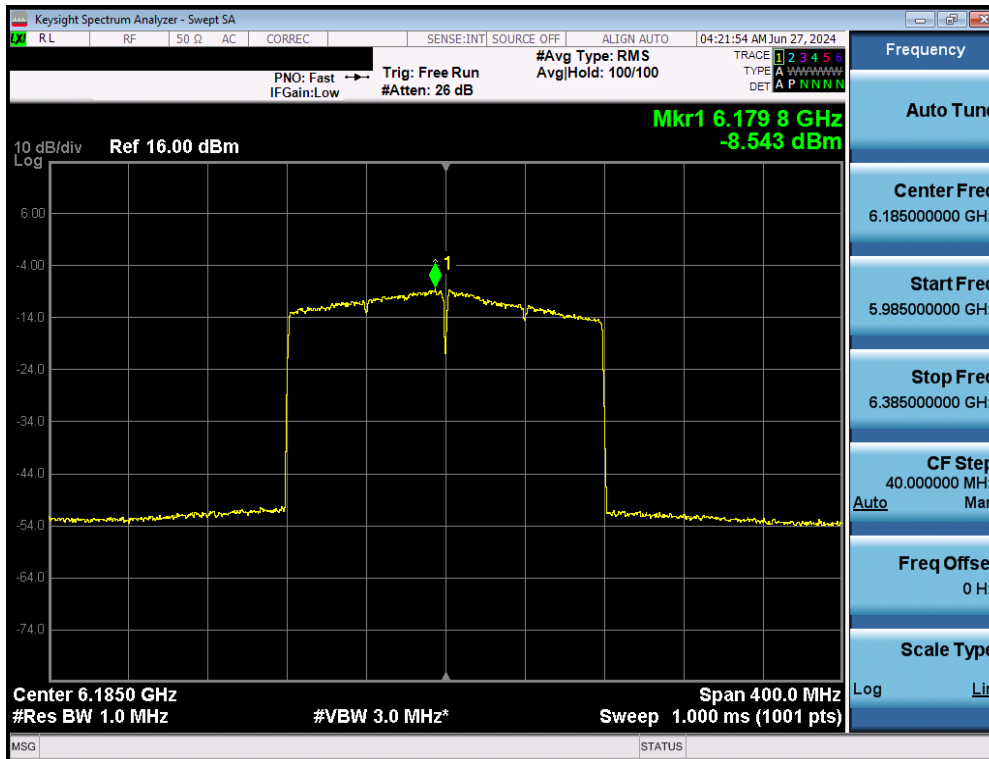


Plot 7-134. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax/be (Full Tones) (UNII Band 5) – Ch. 43)

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 128 of 277

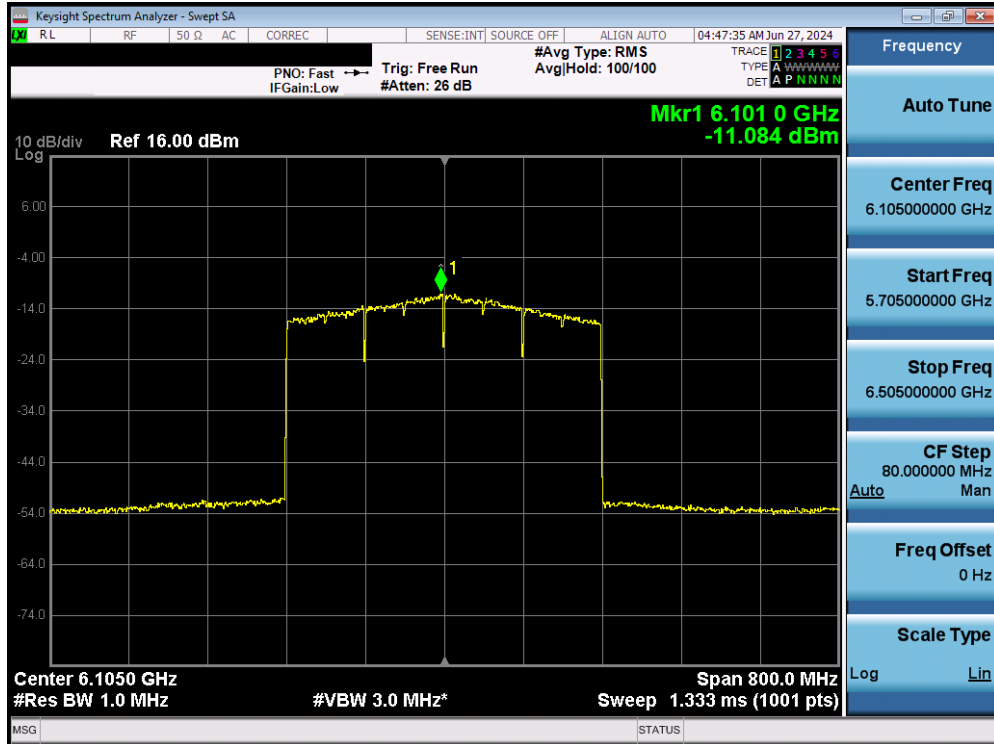


Plot 7-135. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax/be (Full Tones) (UNII Band 5) – Ch. 39)

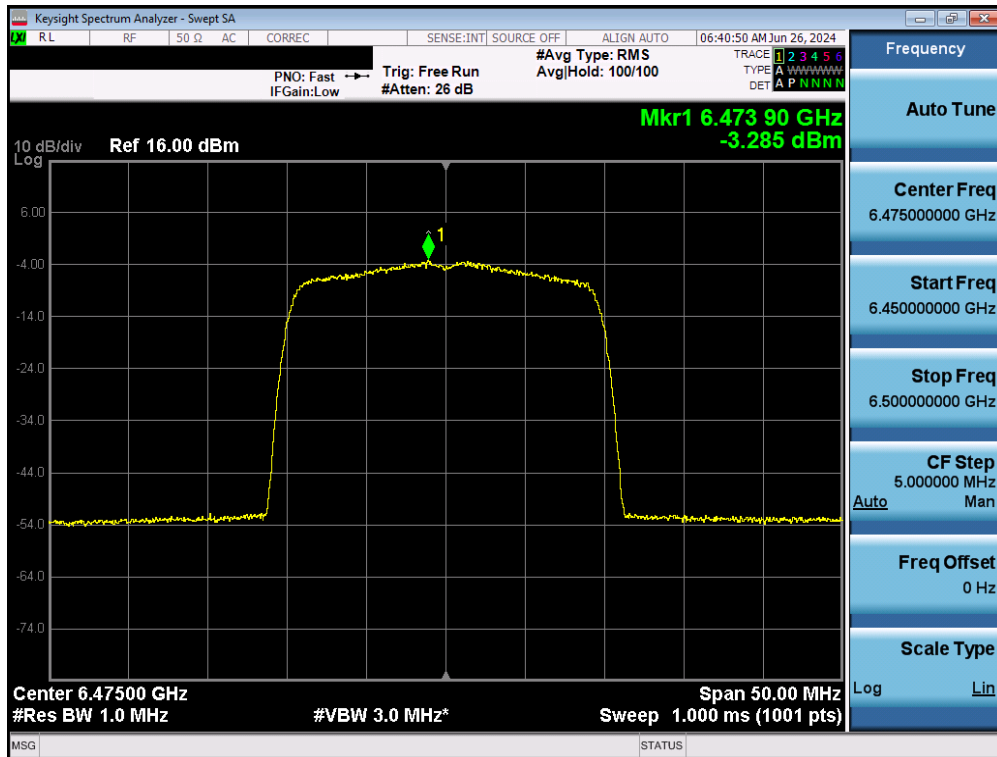


Plot 7-136. Power Spectral Density Plot MIMO ANT1 (160MHz BW 802.11ax/be (Full Tones) (UNII Band 5) – Ch. 47)

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 129 of 277

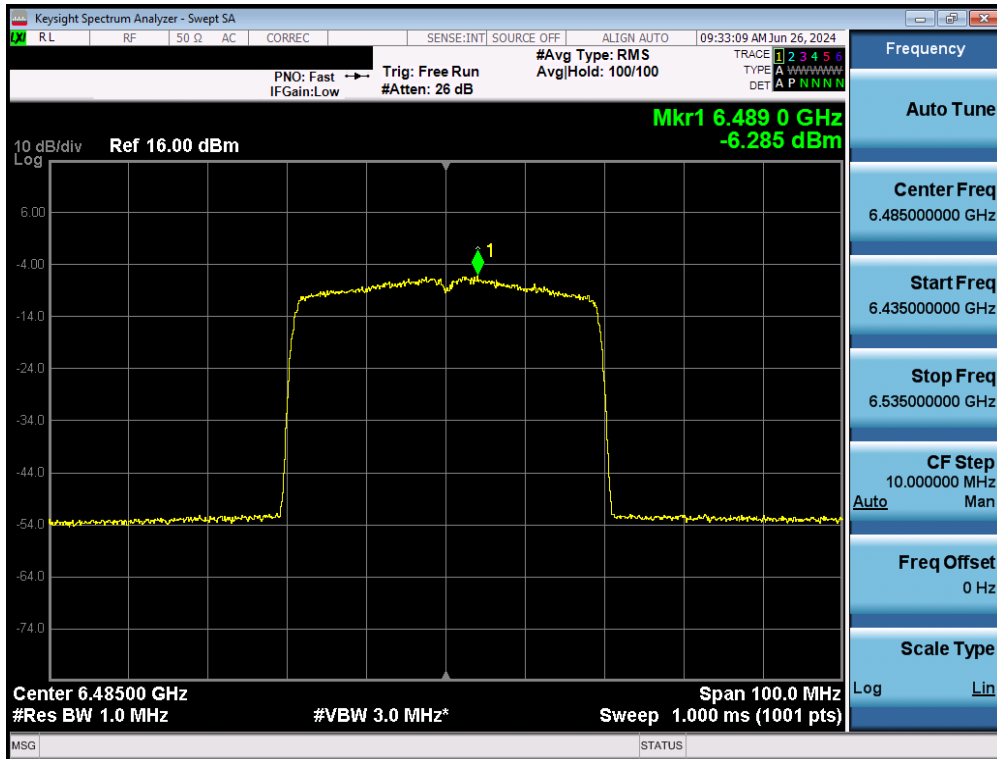


Plot 7-137. Power Spectral Density Plot MIMO ANT1 (320MHz BW 802.11be (Full Tones) (UNII Band 5) – Ch. 31)

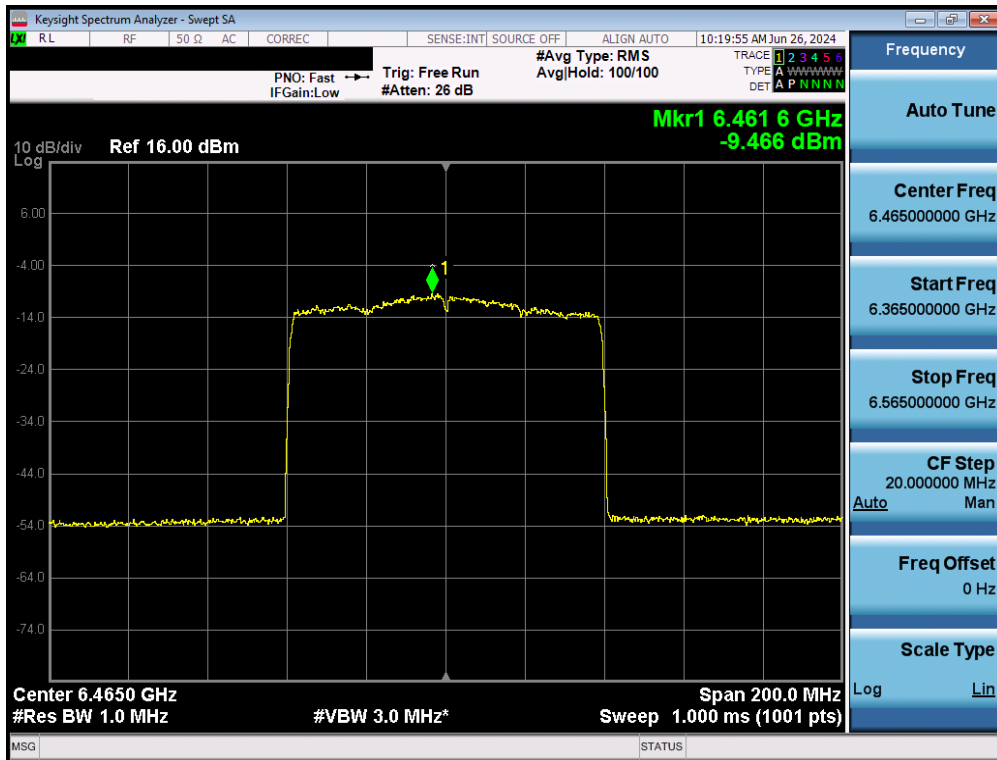


Plot 7-138. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax/be (Full Tones) (UNII Band 6) – Ch. 105)

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 130 of 277



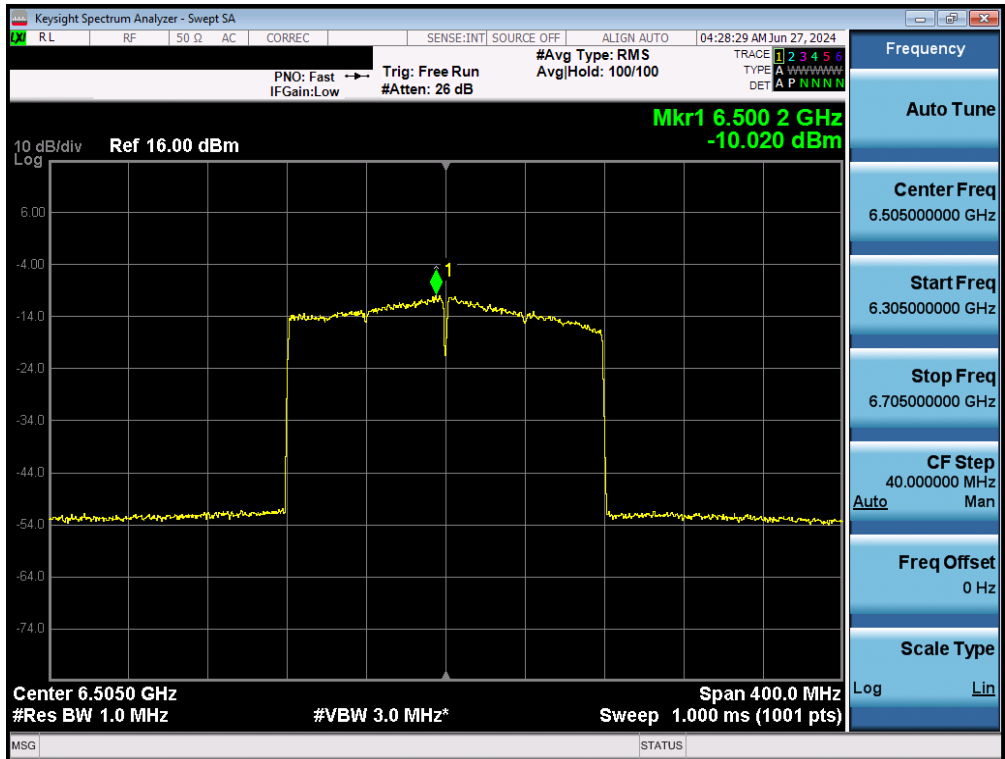
Plot 7-139. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax/be (Full Tones) (UNII Band 6) – Ch. 107)



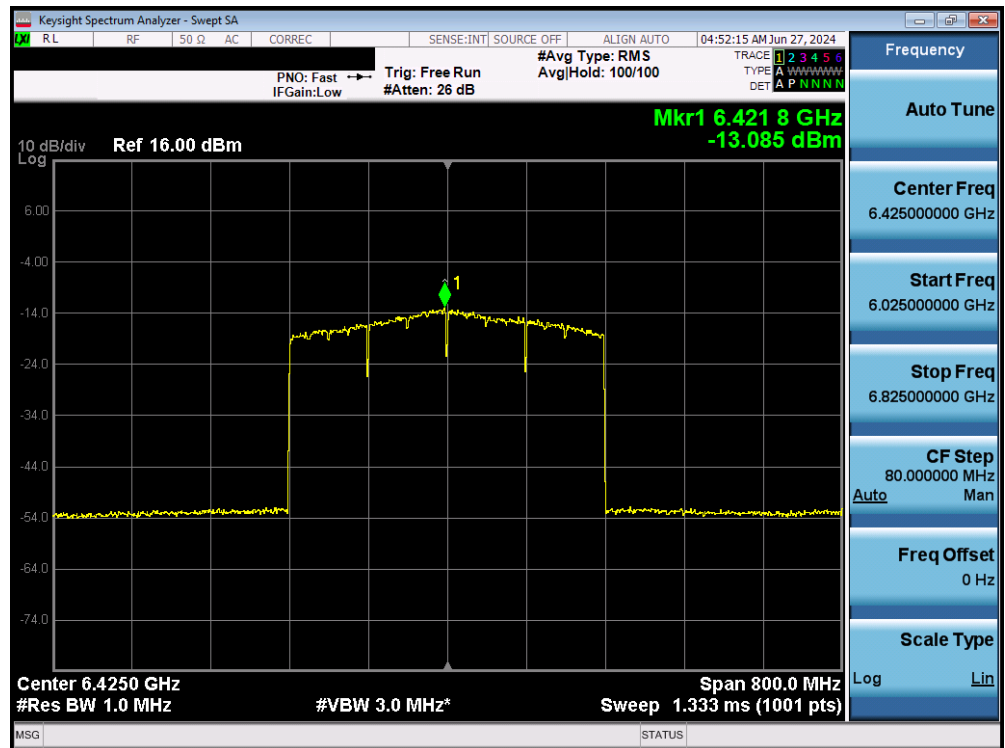
Plot 7-140. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax/be (Full Tones) (UNII Band 6) – Ch. 103)

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 131 of 277





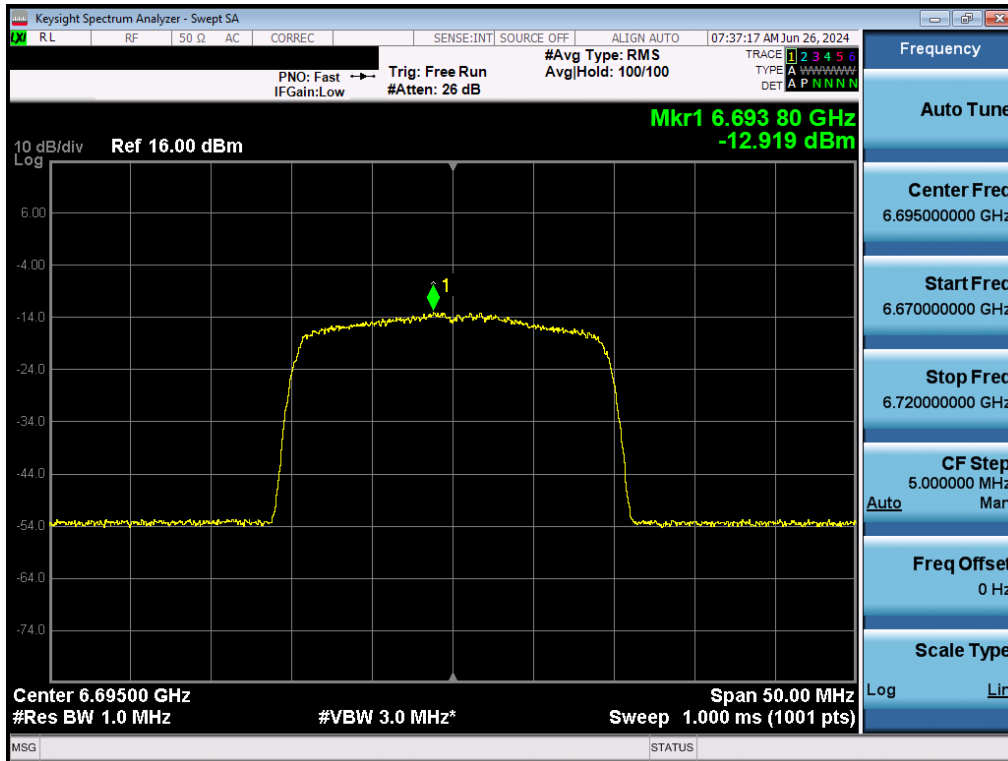
Plot 7-141. Power Spectral Density Plot MIMO ANT1 (160MHz BW 802.11ax/be (Full Tones) (UNII Band 6) – Ch. 111)



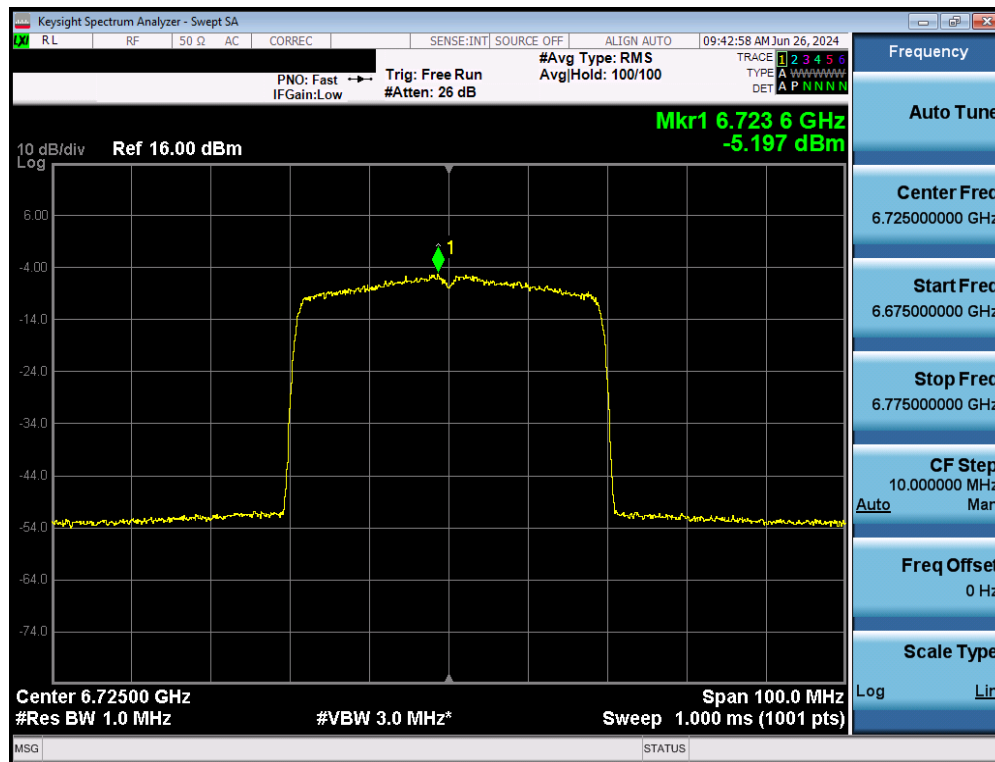
Plot 7-142. Power Spectral Density Plot MIMO ANT1 (320MHz BW 802.11be (Full Tones) (UNII Band 6) – Ch. 95)

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 132 of 277



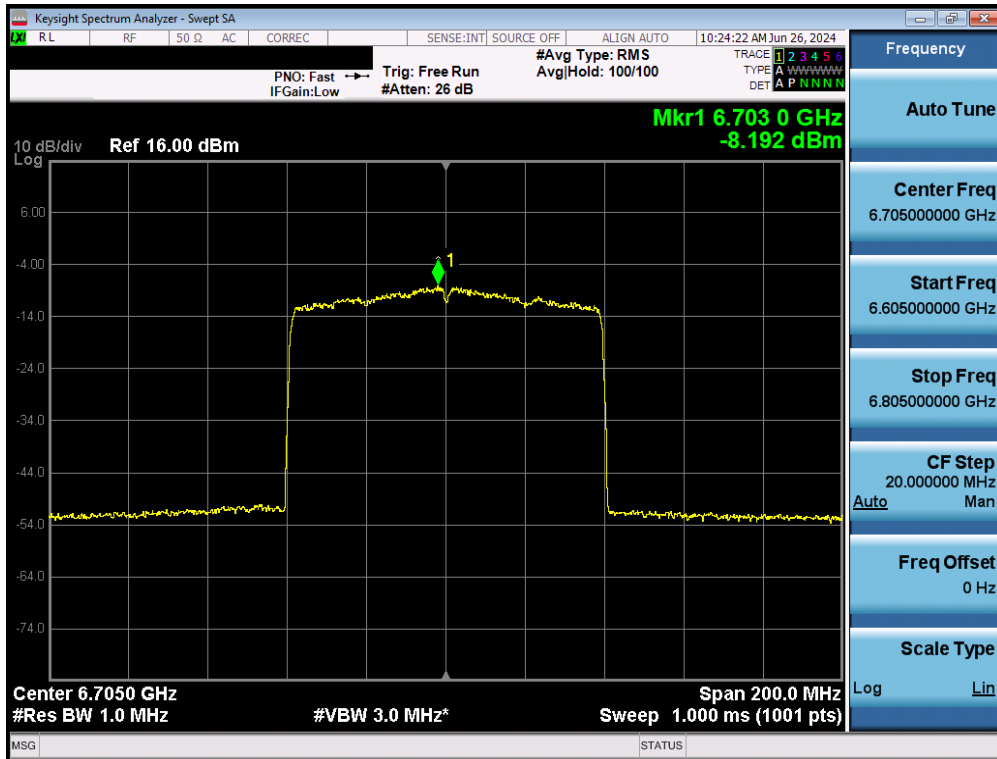


Plot 7-143. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax/be (Full Tones) (UNII Band 7) – Ch. 149)

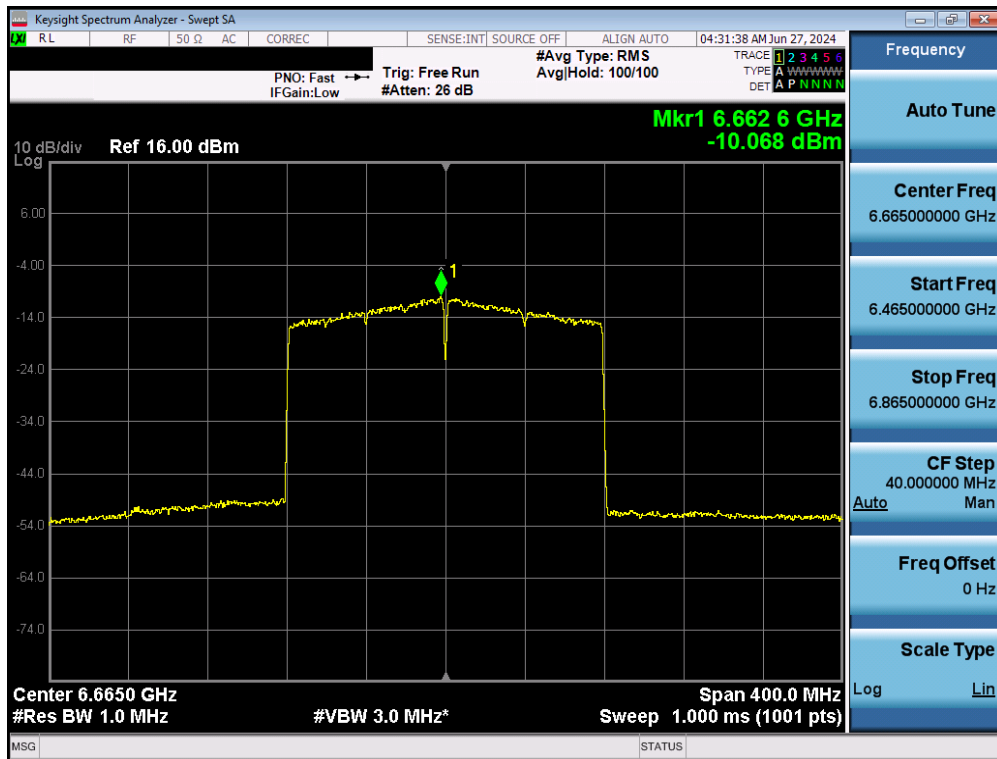


Plot 7-144. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax/be (Full Tones) (UNII Band 7) – Ch. 155)

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 133 of 277

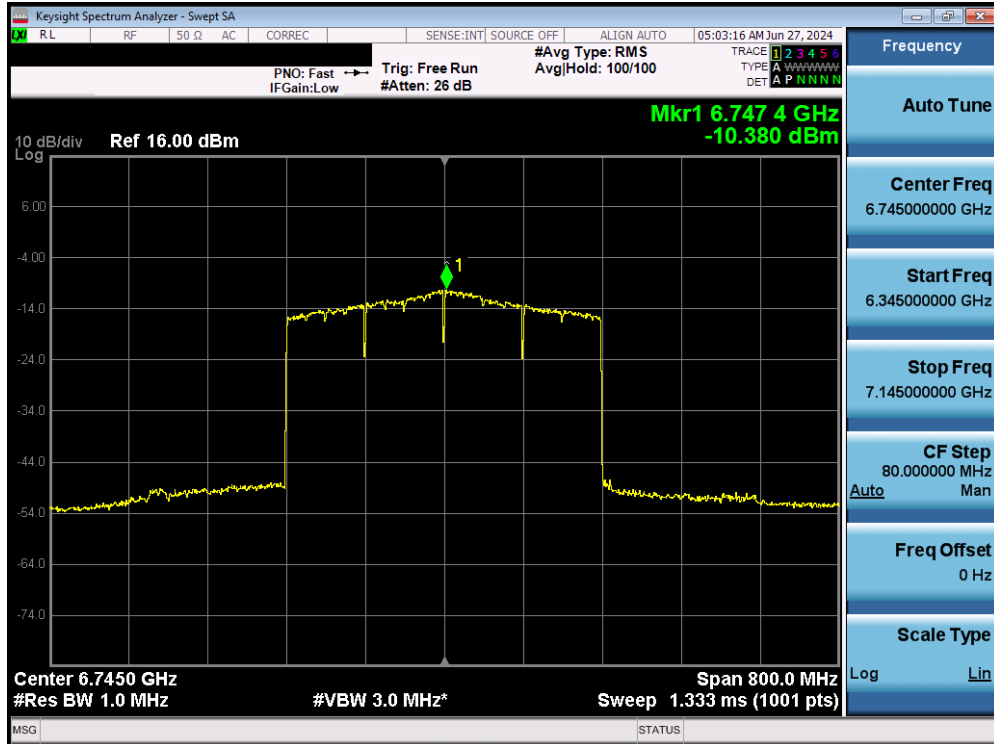


Plot 7-145. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax/be (Full Tones) (UNII Band 7) – Ch. 151)

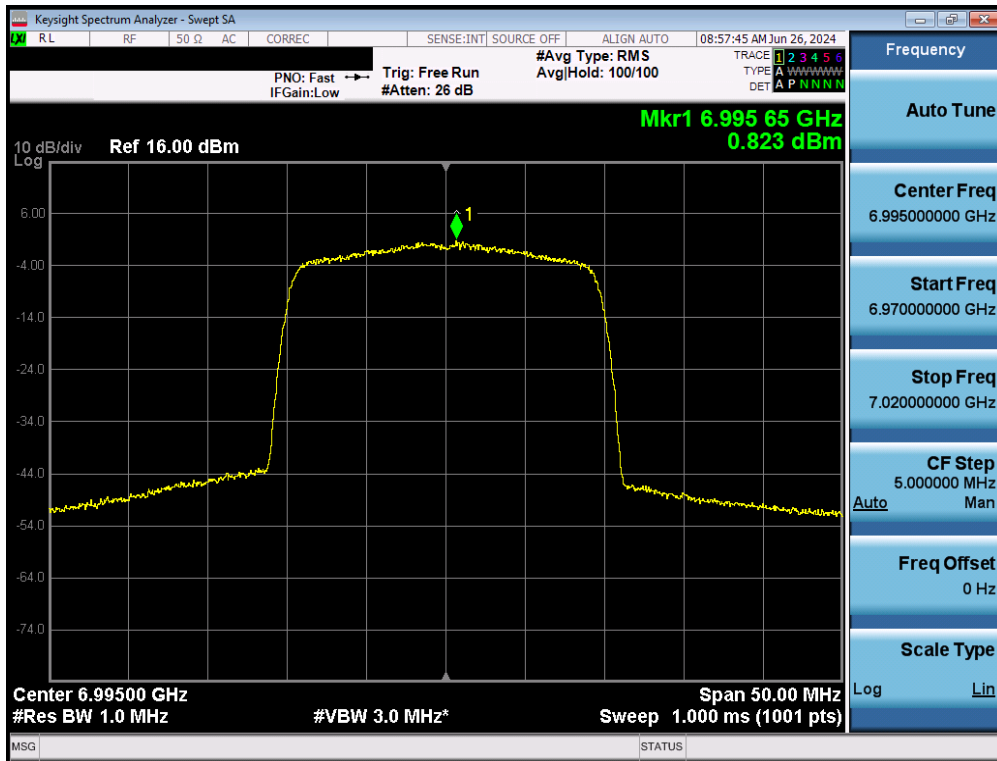


Plot 7-146. Power Spectral Density Plot MIMO ANT1 (160MHz BW 802.11ax/be (Full Tones) (UNII Band 7) – Ch. 143)

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 134 of 277

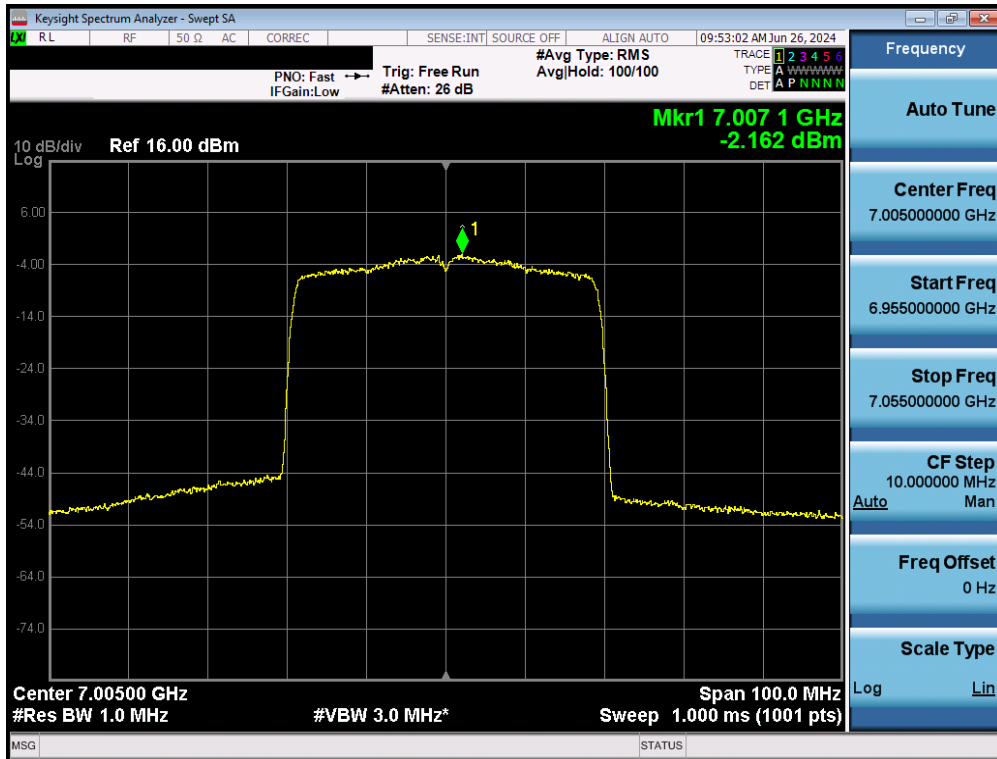


Plot 7-147. Power Spectral Density Plot MIMO ANT1 (320MHz BW 802.11be (Full Tones) (UNII Band 7) – Ch. 159)

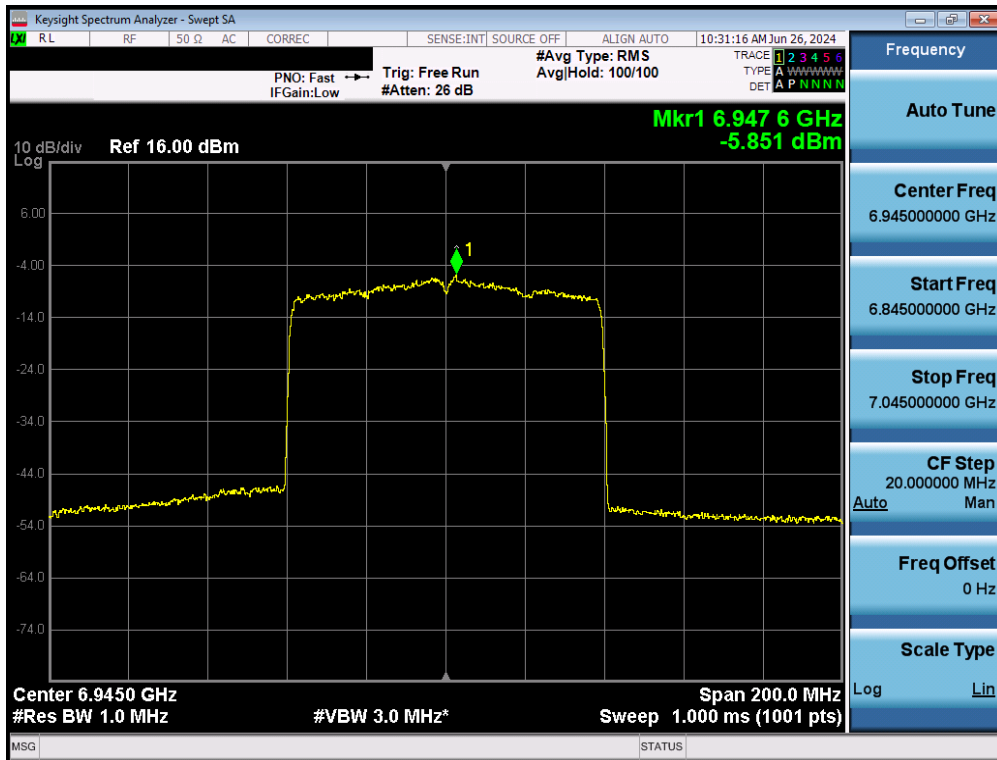


Plot 7-148. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax/be (Full Tones) (UNII Band 8) – Ch. 209)

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 135 of 277



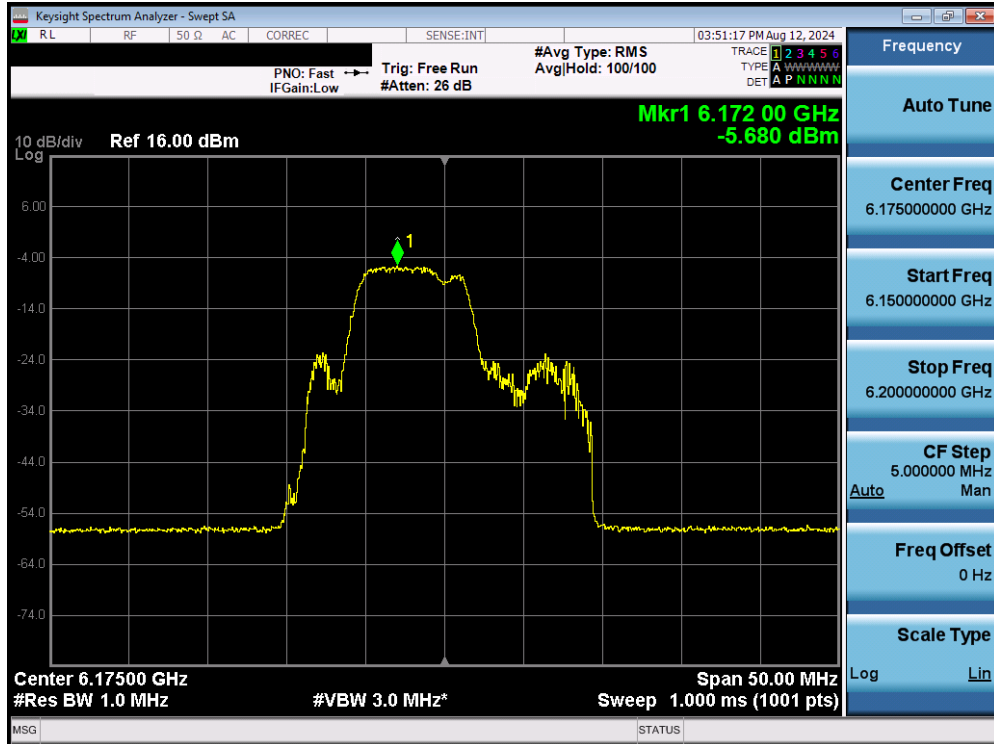
Plot 7-149. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax/be (Full Tones) (UNII Band 8) – Ch. 211)



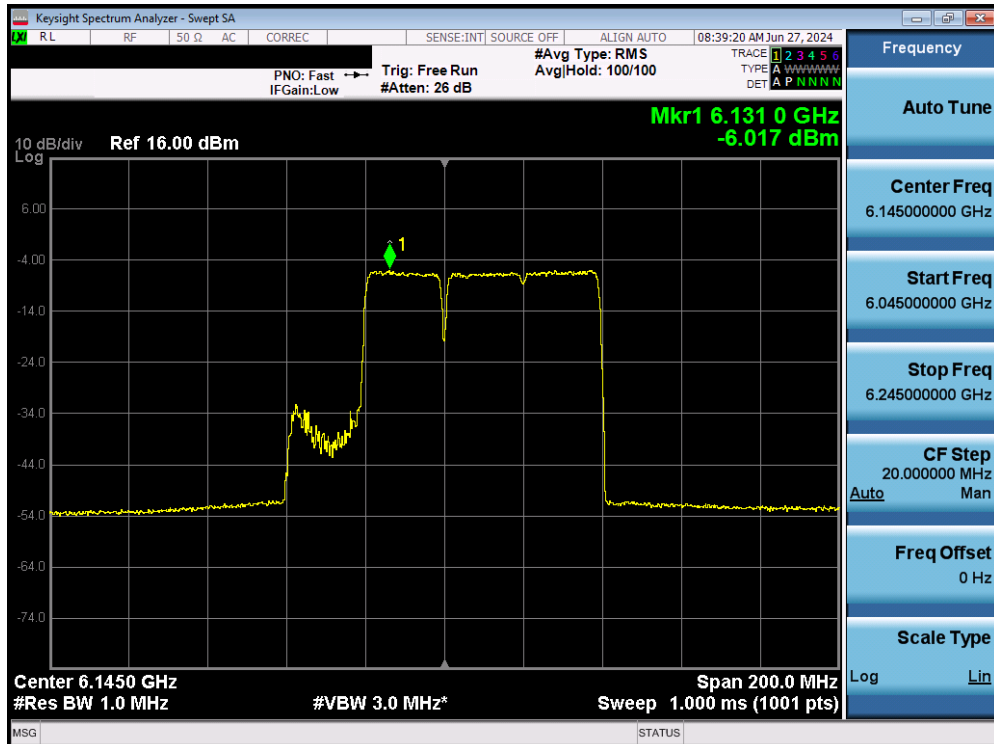
Plot 7-150. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax/be (Full Tones) (UNII Band 8) – Ch. 199)

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 136 of 277



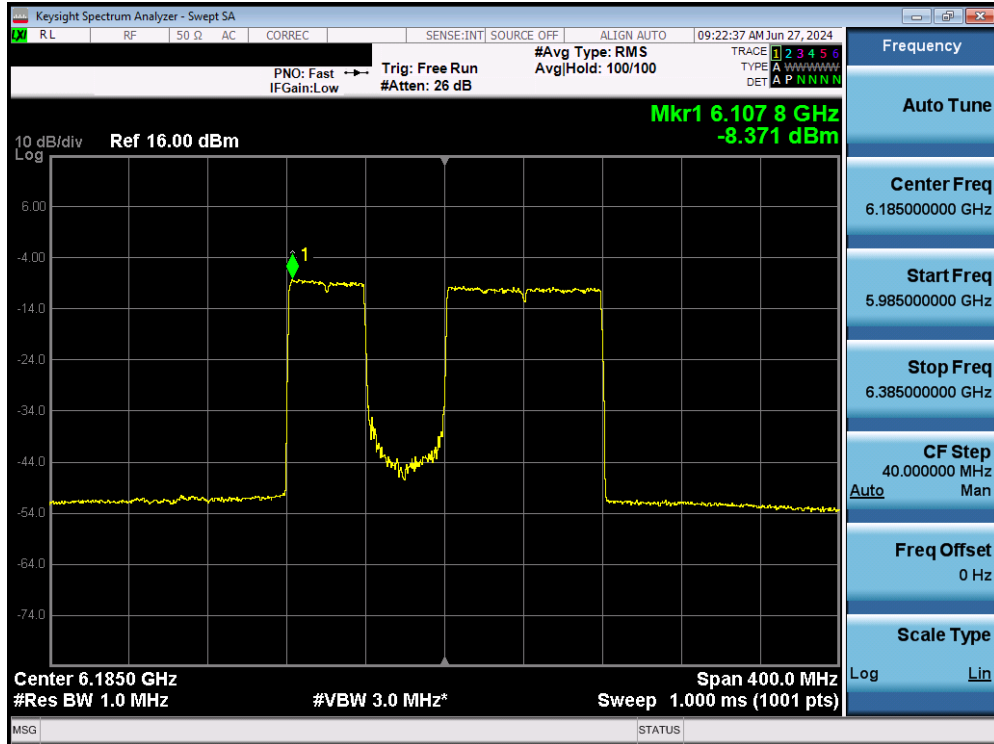


Plot 7-153. Power Spectral Density MIMO ANT1 (20MHz BW 802.11be (52+26 Tones) (UNII Band 5) – Ch. 45)

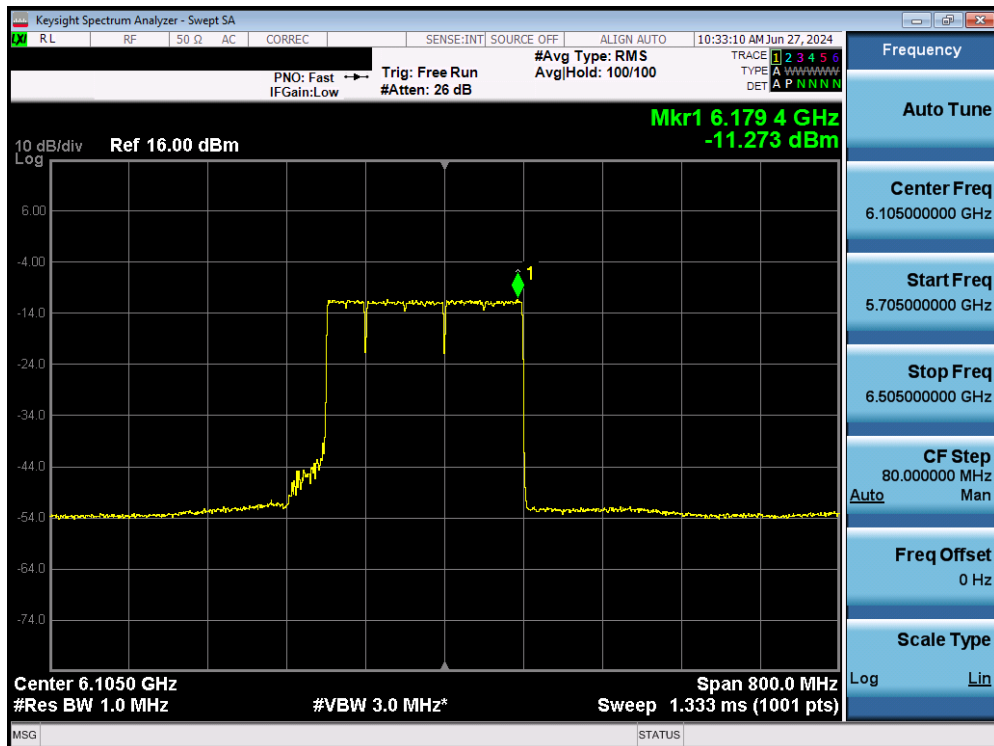


Plot 7-154. Power Spectral Density MIMO ANT1 (80MHz BW 802.11be (484+242 Tones) (UNII Band 5) – Ch. 39)

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 138 of 277



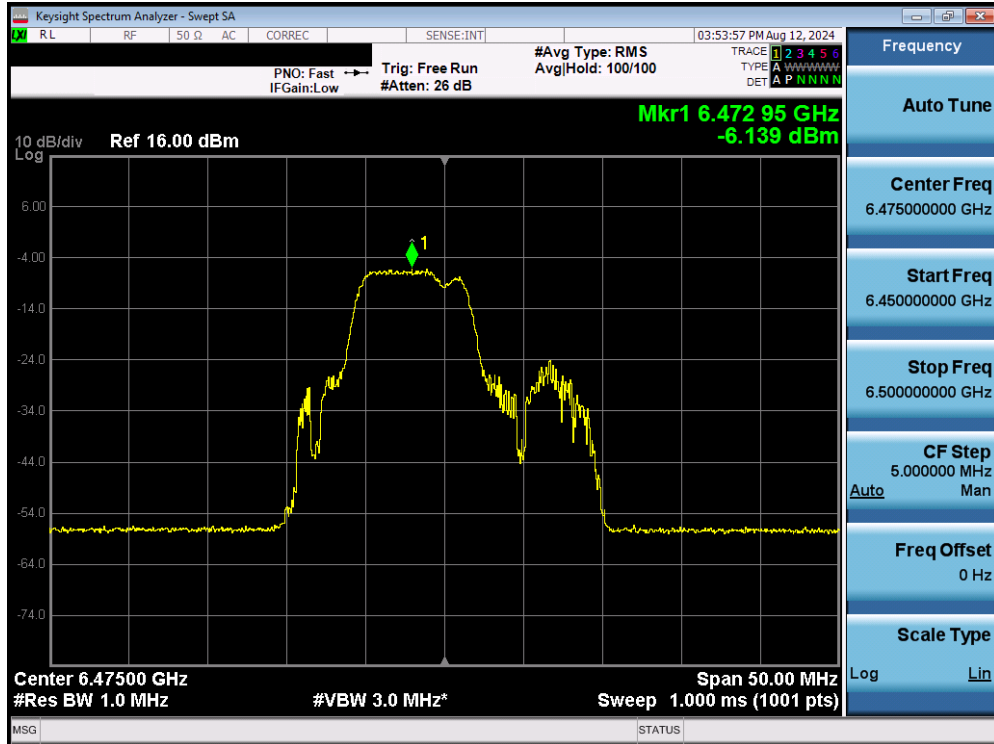
Plot 7-155. Power Spectral Density MIMO ANT1 (160MHz BW 802.11be (996+484 Tones) (UNII Band 5) – Ch. 47)



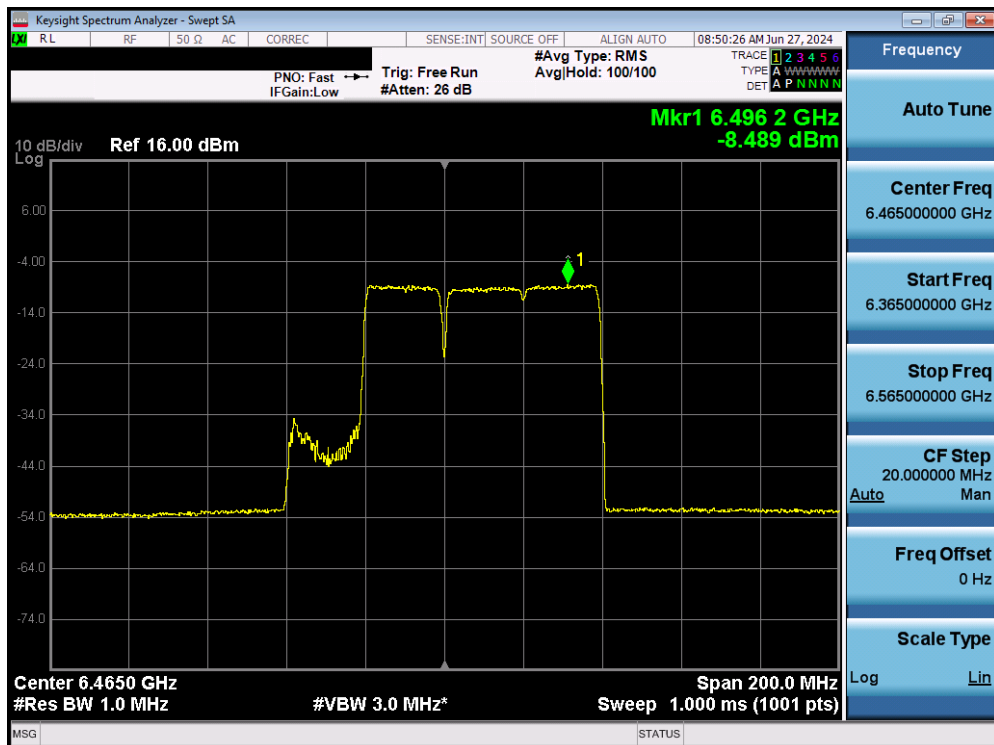
Plot 7-156. Power Spectral Density MIMO ANT1 (320MHz BW 802.11be (2\*996+484 Tones) (UNII Band 5) – Ch. 31)

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 139 of 277





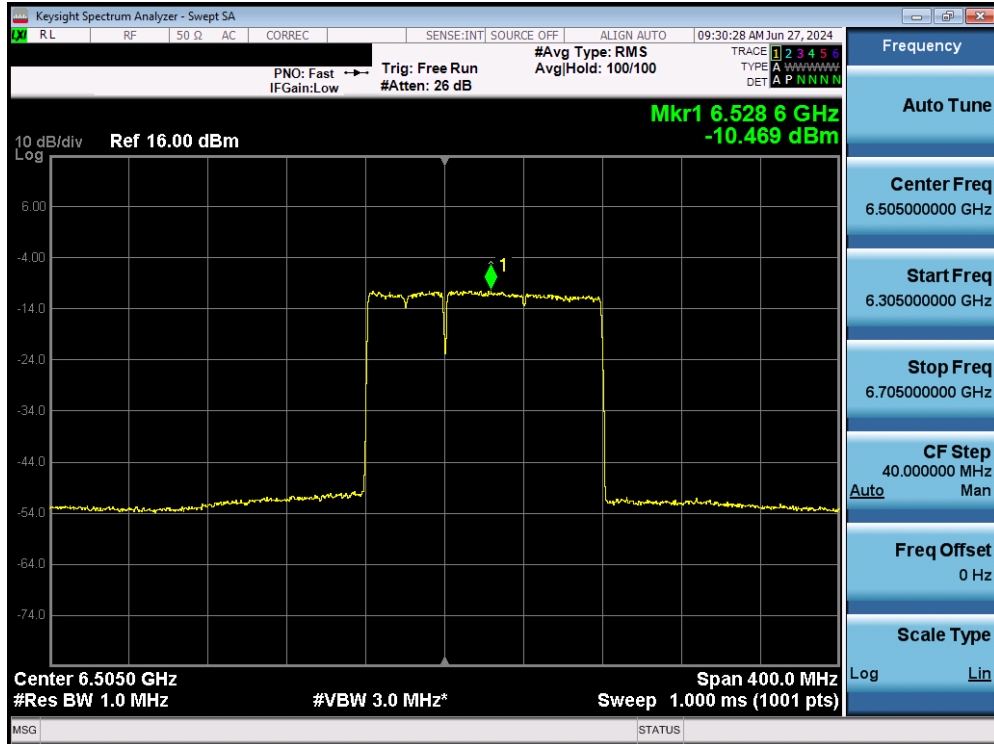
Plot 7-157. Power Spectral Density MIMO ANT1 (20MHz BW 802.11be (52+26 Tones) (UNII Band 6) – Ch. 105)



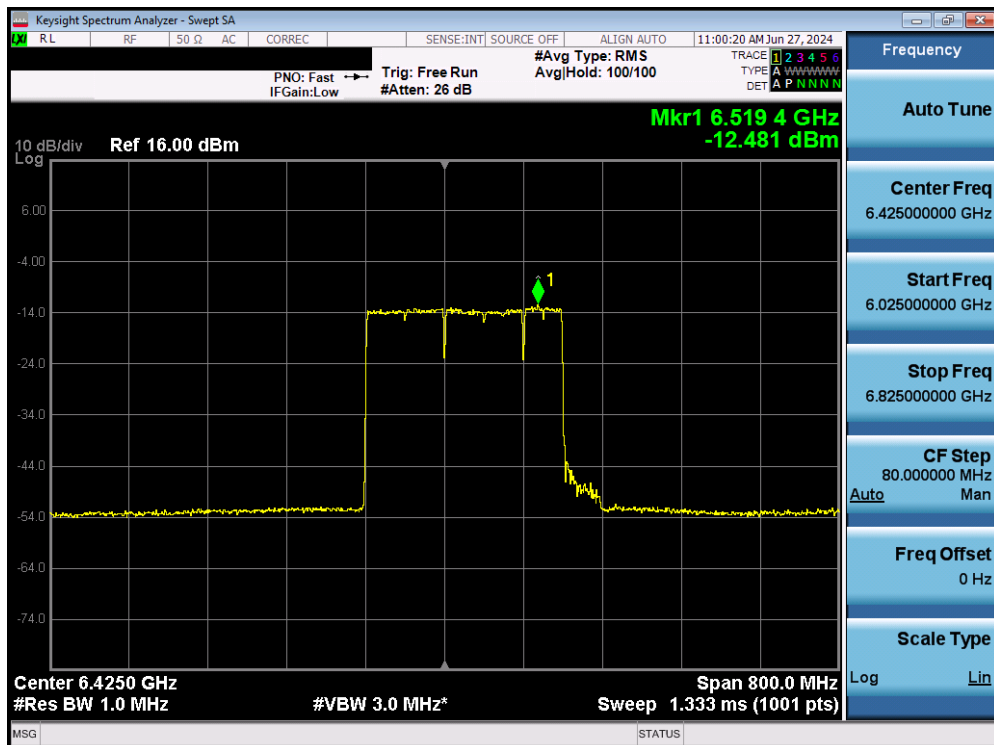
Plot 7-158. Power Spectral Density MIMO ANT1 (80MHz BW 802.11be (484+242 Tones) (UNII Band 6) – Ch. 103)

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 140 of 277



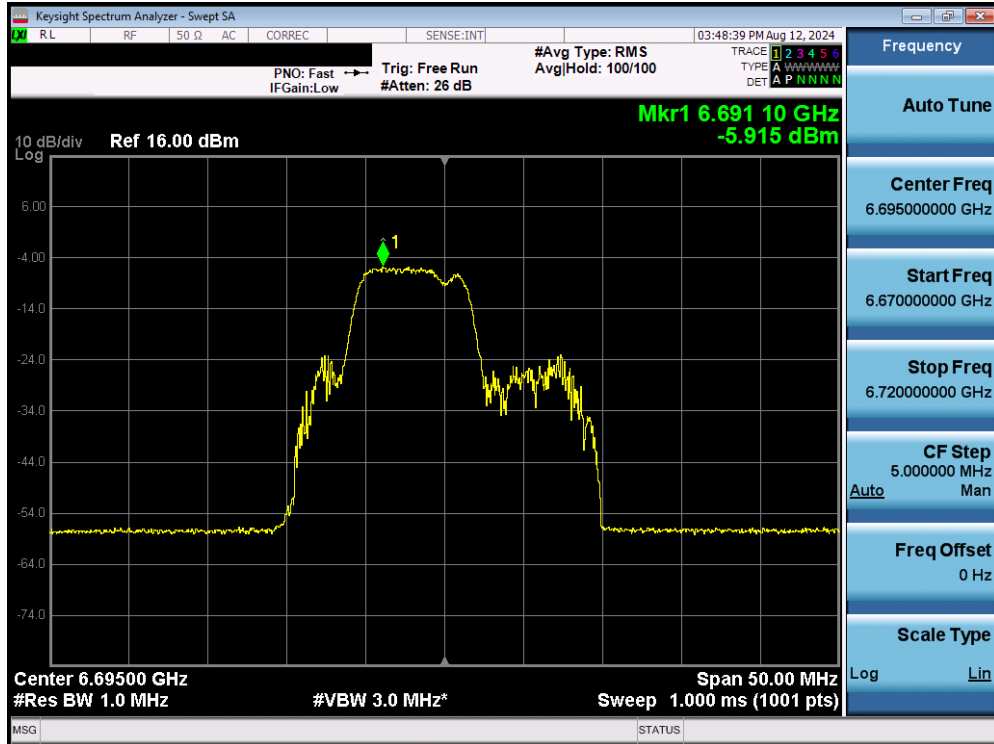


Plot 7-159. Power Spectral Density MIMO ANT1 (160MHz BW 802.11be (996+484 Tones) (UNII Band 6) – Ch. 111)

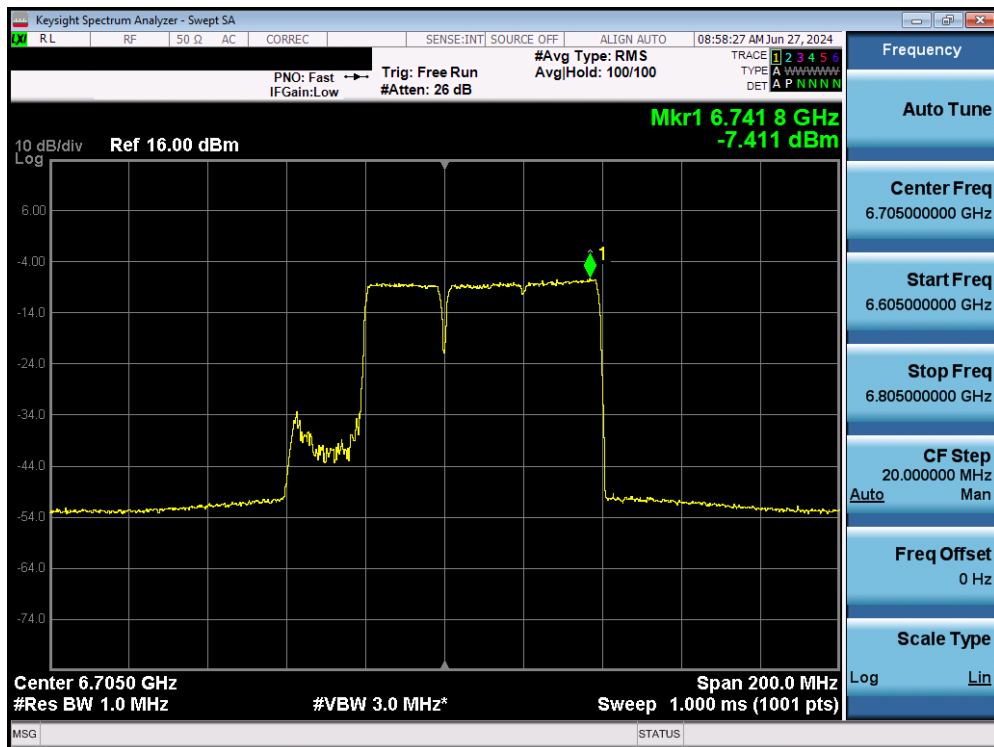


Plot 7-160. Power Spectral Density MIMO ANT1 (320MHz BW 802.11be (2\*996+484 Tones) (UNII Band 6) – Ch. 95)

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 141 of 277

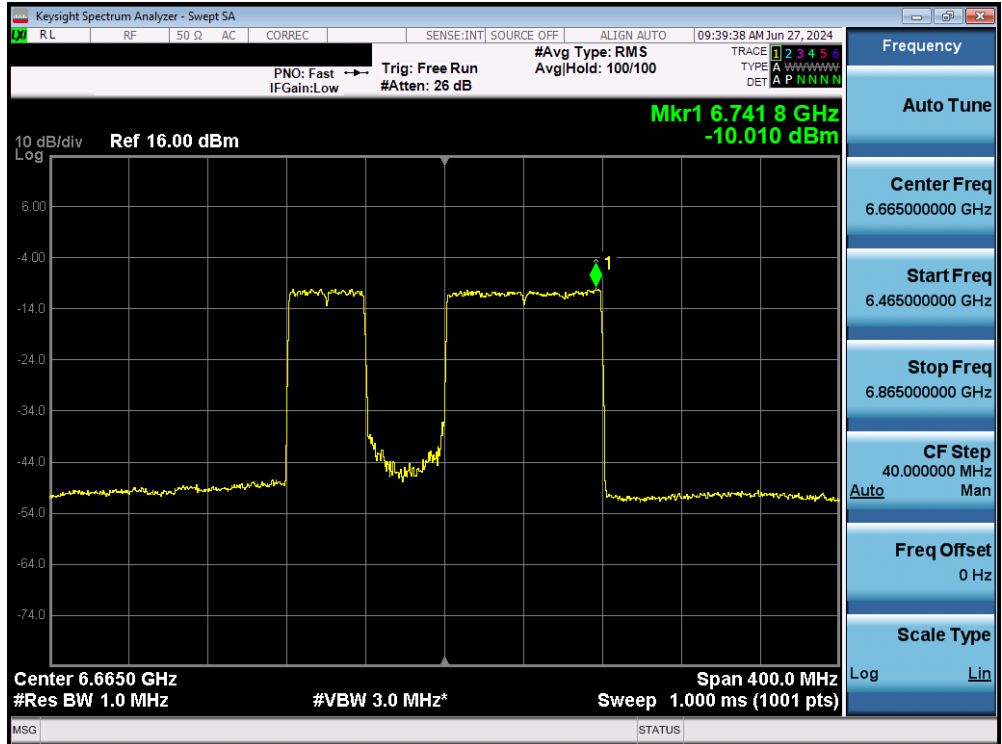


Plot 7-161. Power Spectral Density MIMO ANT1 (20MHz BW 802.11be (52+26 Tones) (UNII Band 7) – Ch. 149)

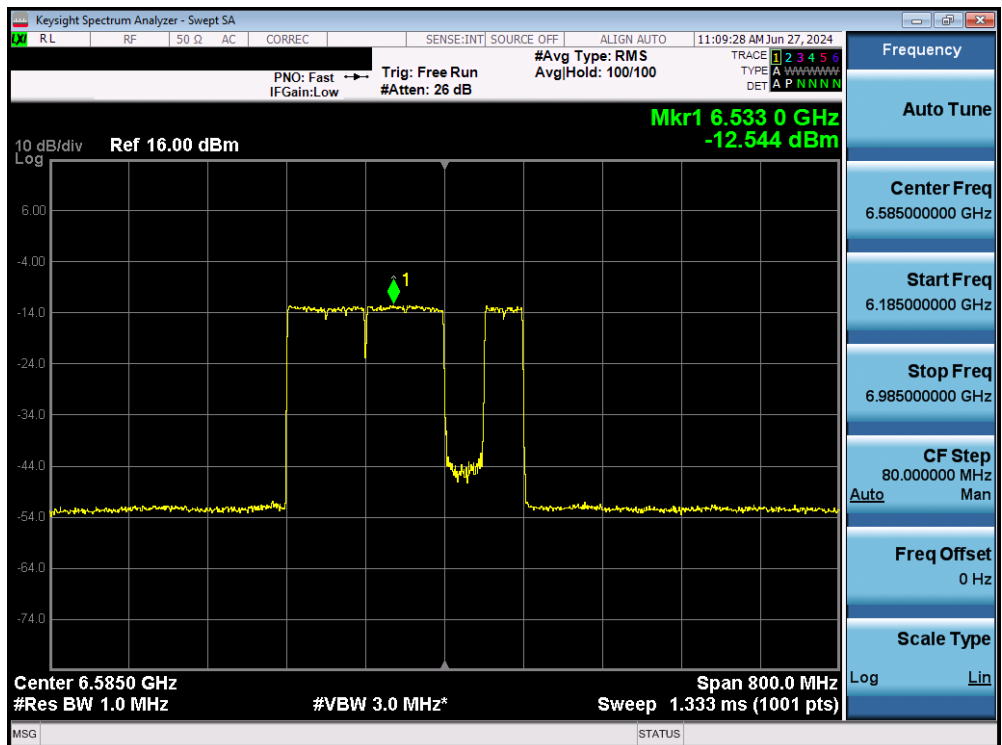


Plot 7-162. Power Spectral Density MIMO ANT1 (80MHz BW 802.11be (484+242 Tones) (UNII Band 7) – Ch. 151)

FCC ID: A3LSMX920		MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 142 of 277	

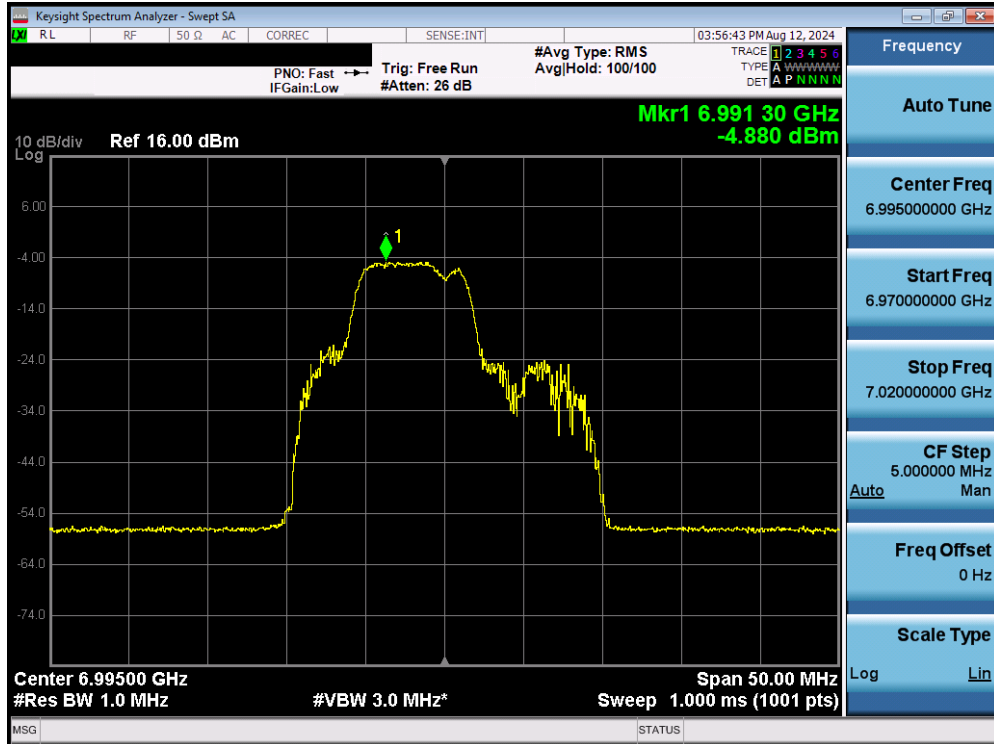


Plot 7-163. Power Spectral Density MIMO ANT1 (160MHz BW 802.11be (996+484 Tones) (UNII Band 7) – Ch. 143)

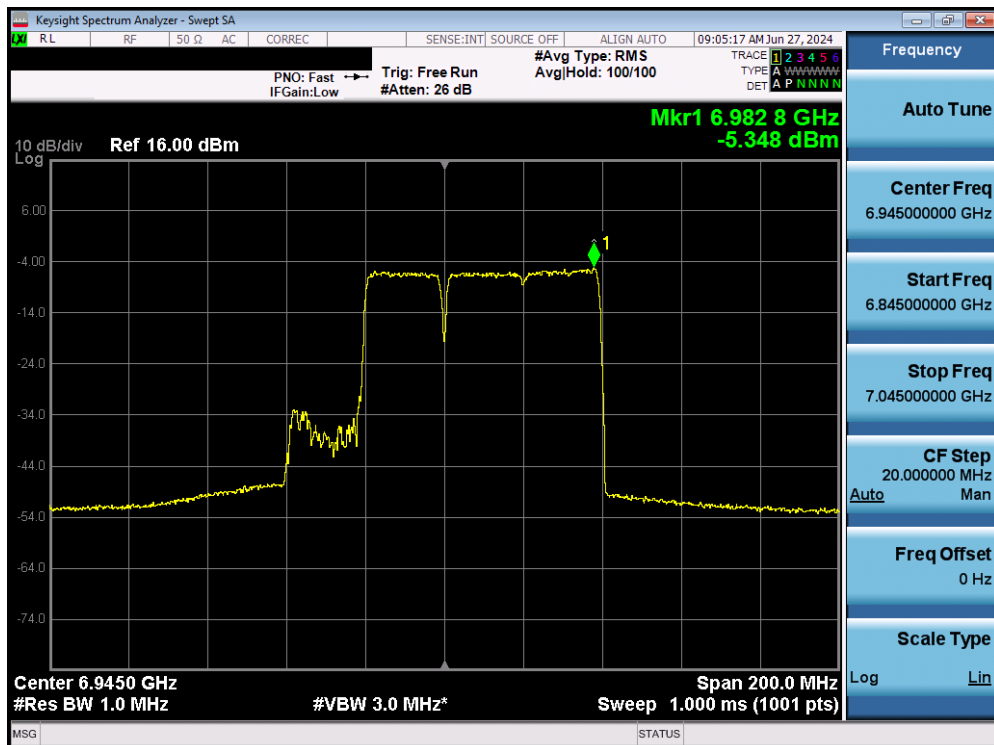


Plot 7-164. Power Spectral Density MIMO ANT1 (320MHz BW 802.11be (2\*996+484 Tones) (UNII Band 7) – Ch. 159)

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 143 of 277

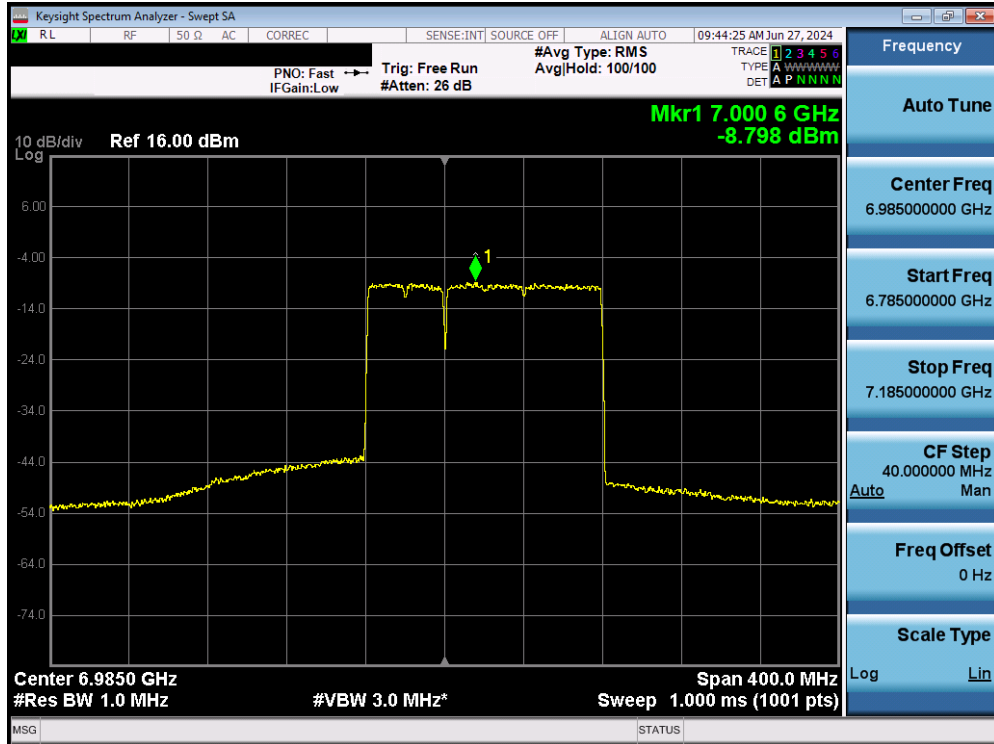


Plot 7-165. Power Spectral Density MIMO ANT1 (20MHz BW 802.11be (52+26 Tones) (UNII Band 8) – Ch. 209)



Plot 7-166. Power Spectral Density MIMO ANT1 (80MHz BW 802.11be (484+242 Tones) (UNII Band 8) – Ch. 199)

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 144 of 277



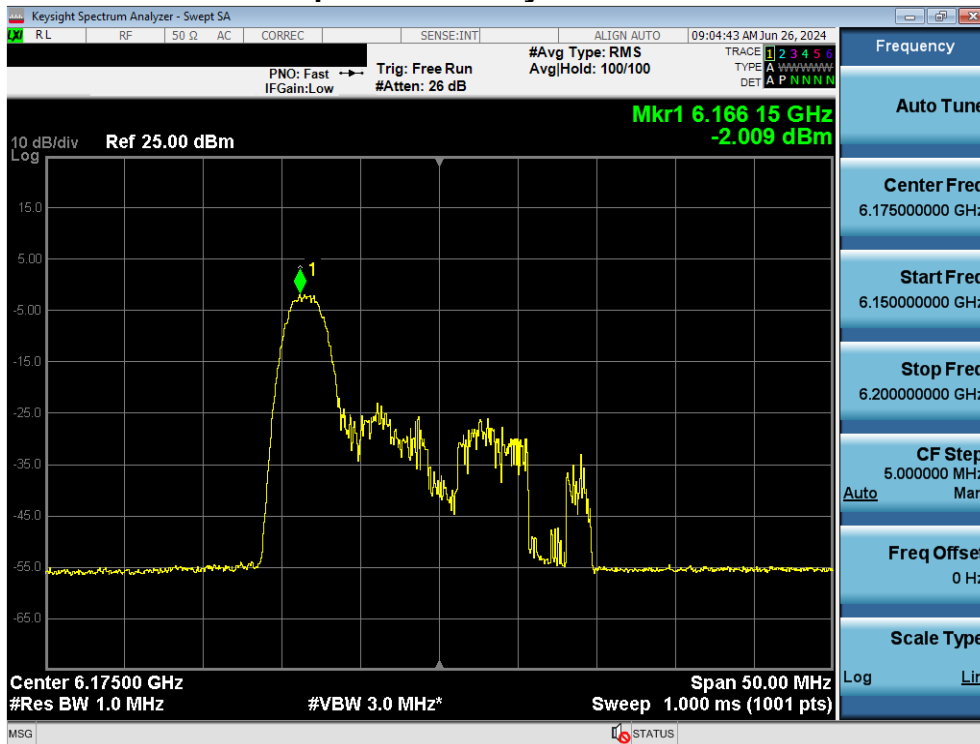
Plot 7-167. Power Spectral Density MIMO ANT1 (160MHz BW 802.11be (996+484 Tones) (UNII Band 8) – Ch. 207)



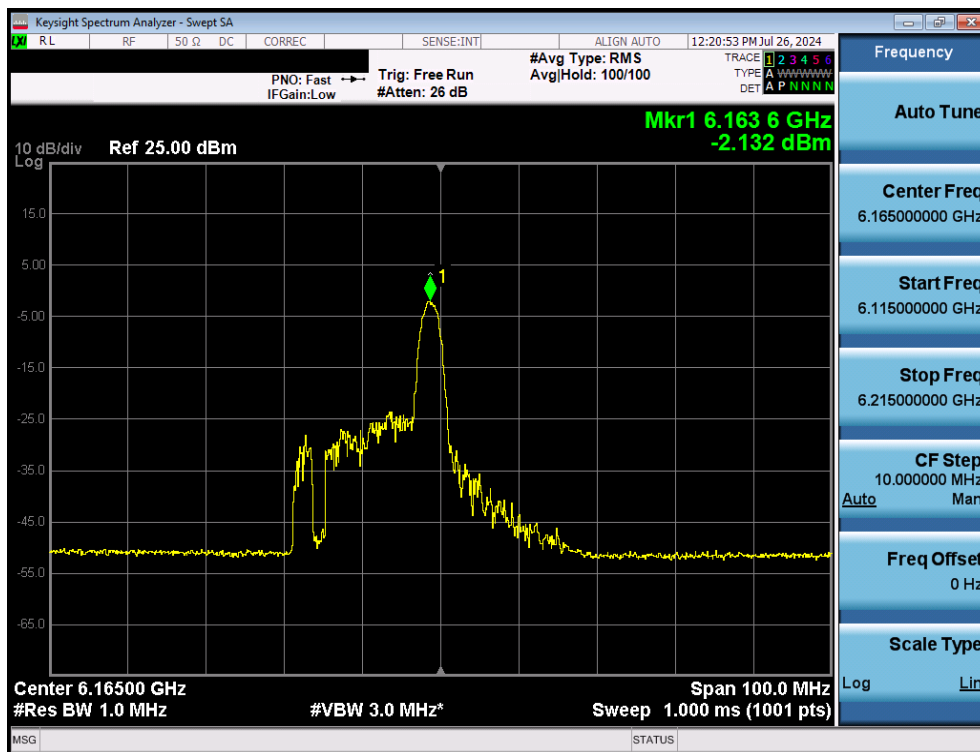
Plot 7-168. Power Spectral Density MIMO ANT1 (320MHz BW 802.11be (2\*996+484 Tones) (UNII Band 8) – Ch. 191)

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 145 of 277

## 7.4.2 MIMO Antenna-2 Power Spectral Density Measurements

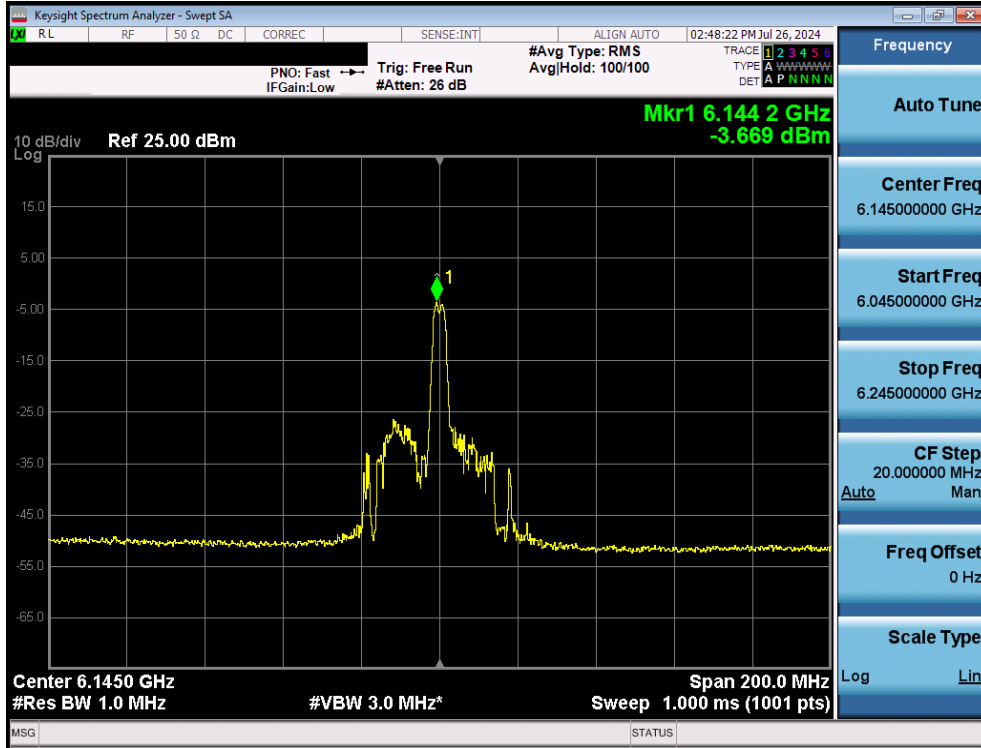


Plot 7-169. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 45)

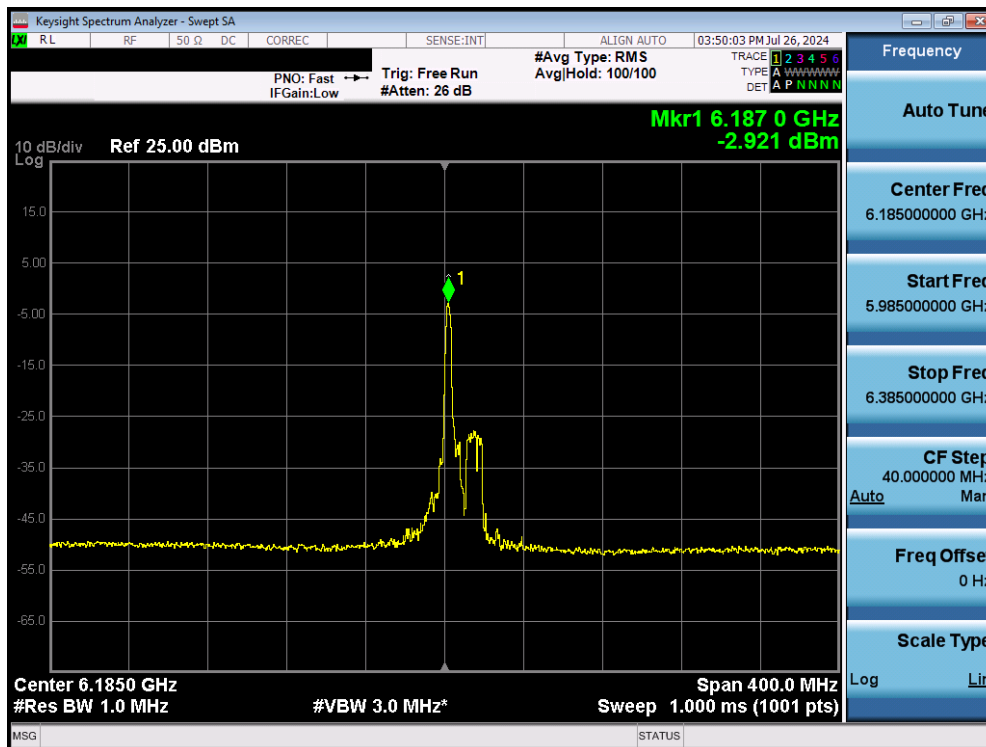


Plot 7-170. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 43)

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 146 of 277

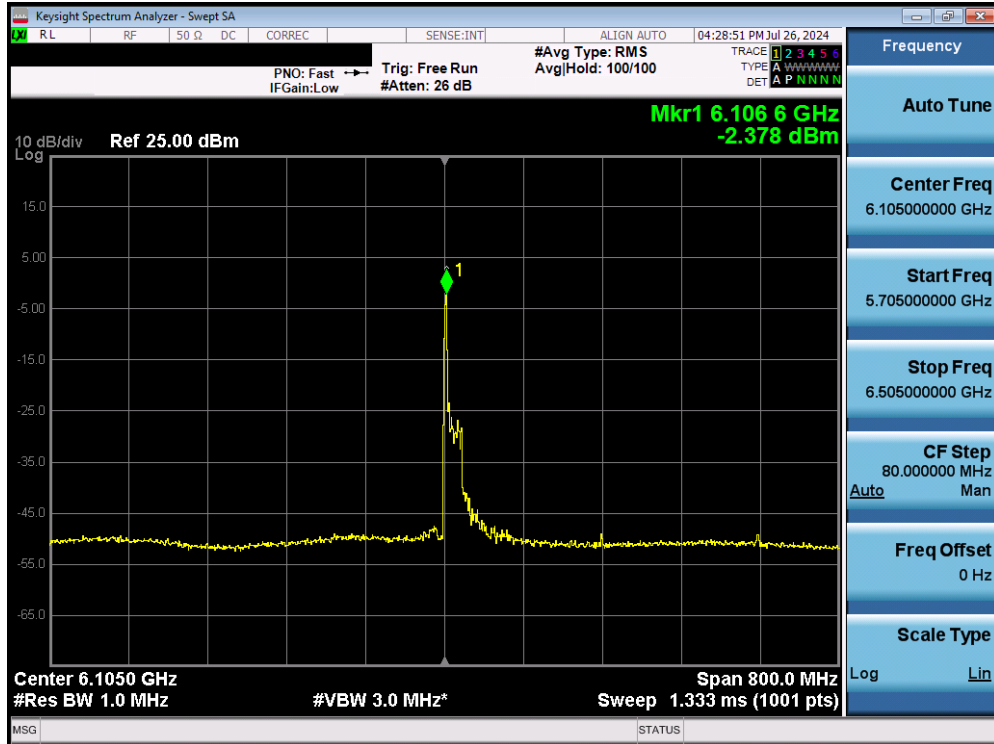


Plot 7-171. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 39)

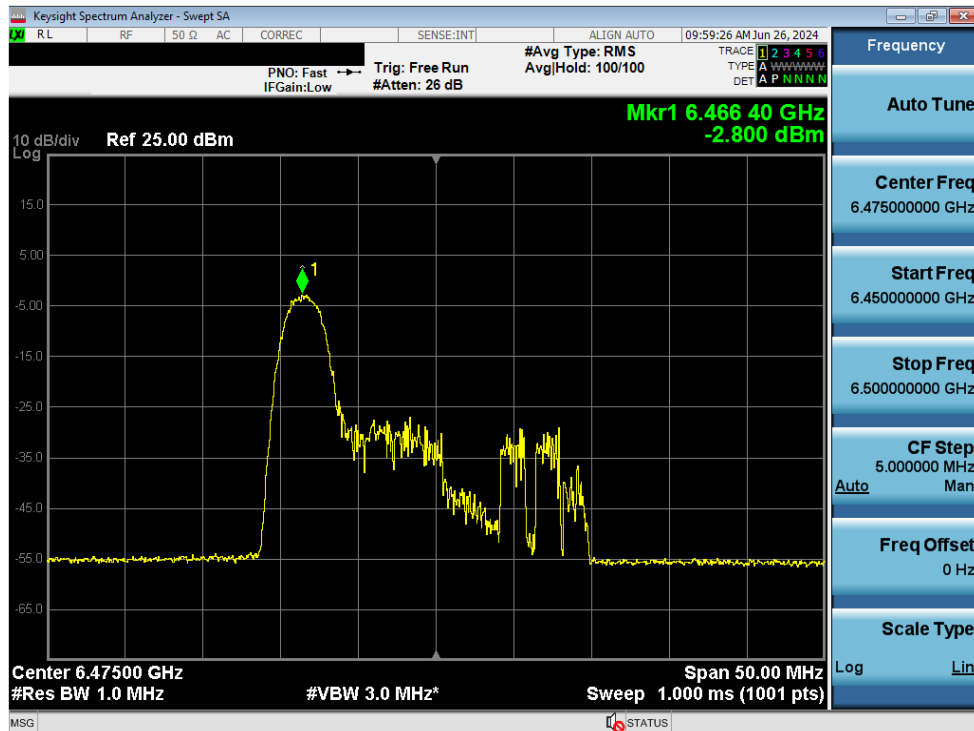


Plot 7-172. Power Spectral Density Plot MIMO ANT2 (160MHz BW 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 47)

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 147 of 277



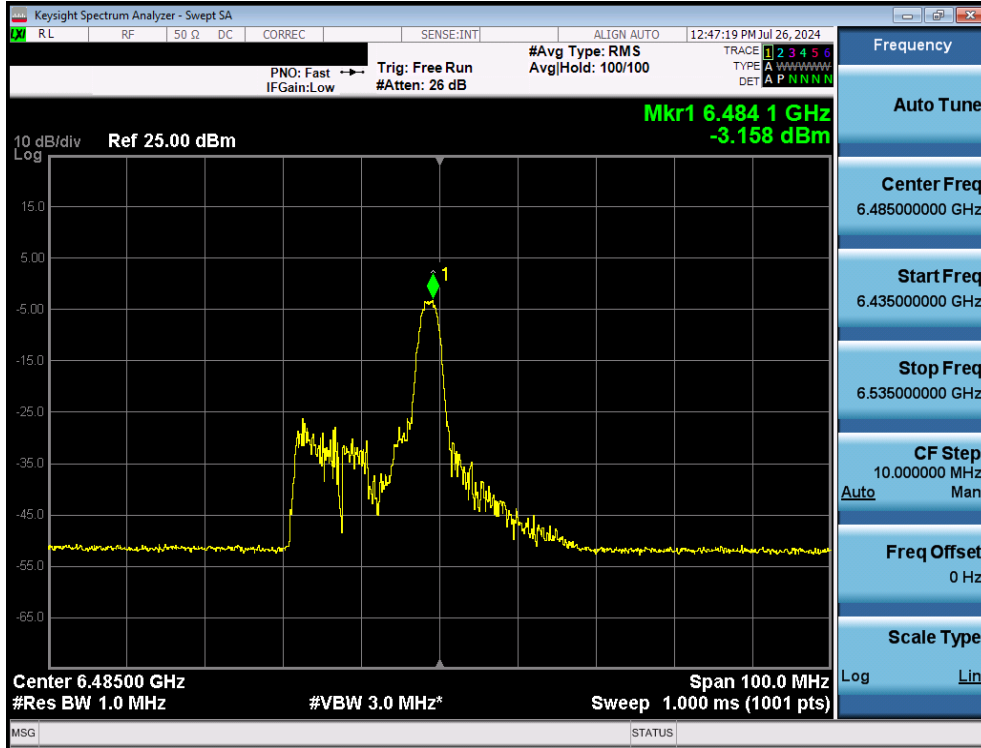
Plot 7-173. Power Spectral Density Plot MIMO ANT2 (320MHz BW 802.11be (26 Tones) (UNII Band 5) – Ch. 31)



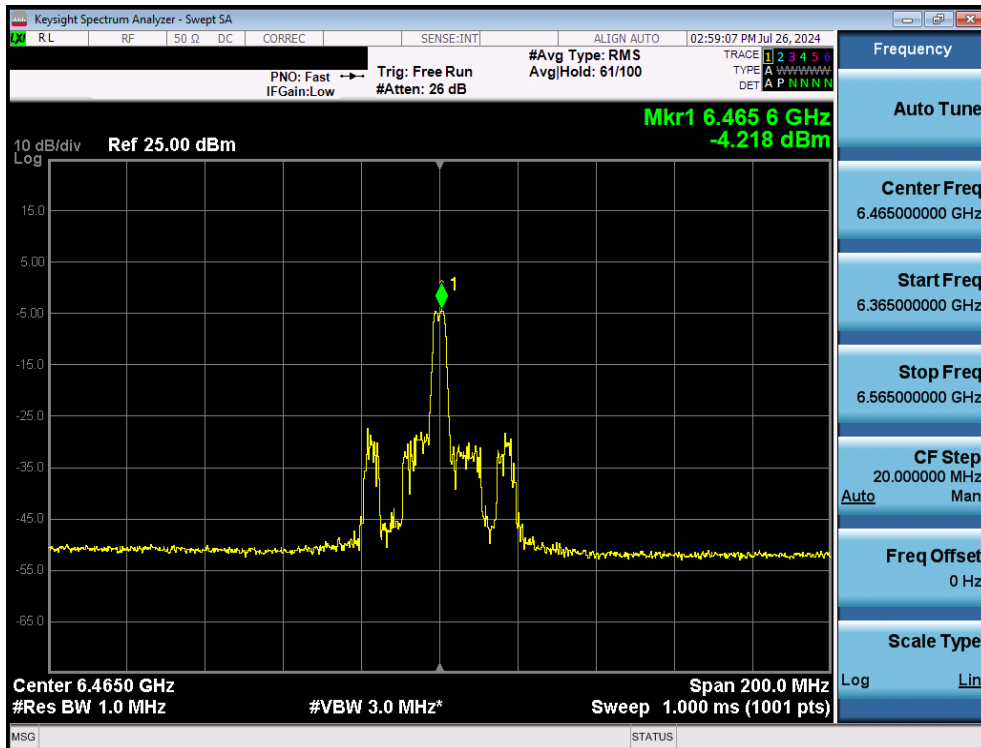
Plot 7-174. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax/be (26 Tones) (UNII Band 6) – Ch. 105)

FCC ID: A3LSMX920	<b>MEASUREMENT REPORT</b>		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 148 of 277



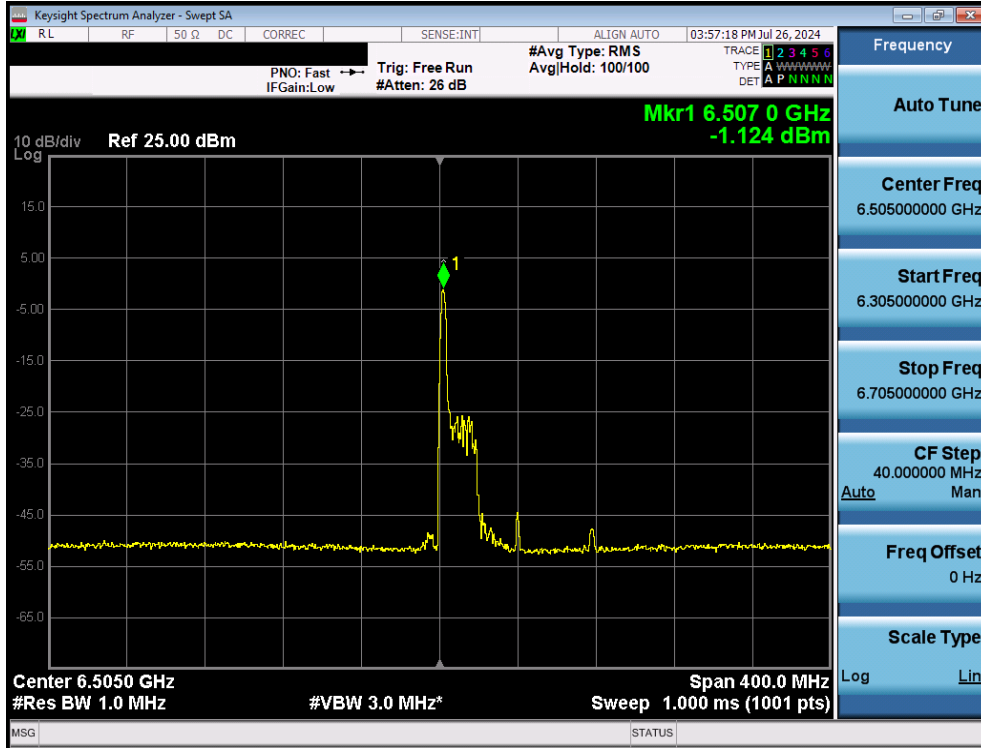


Plot 7-175. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax/be (26 Tones) (UNII Band 6) – Ch. 107)

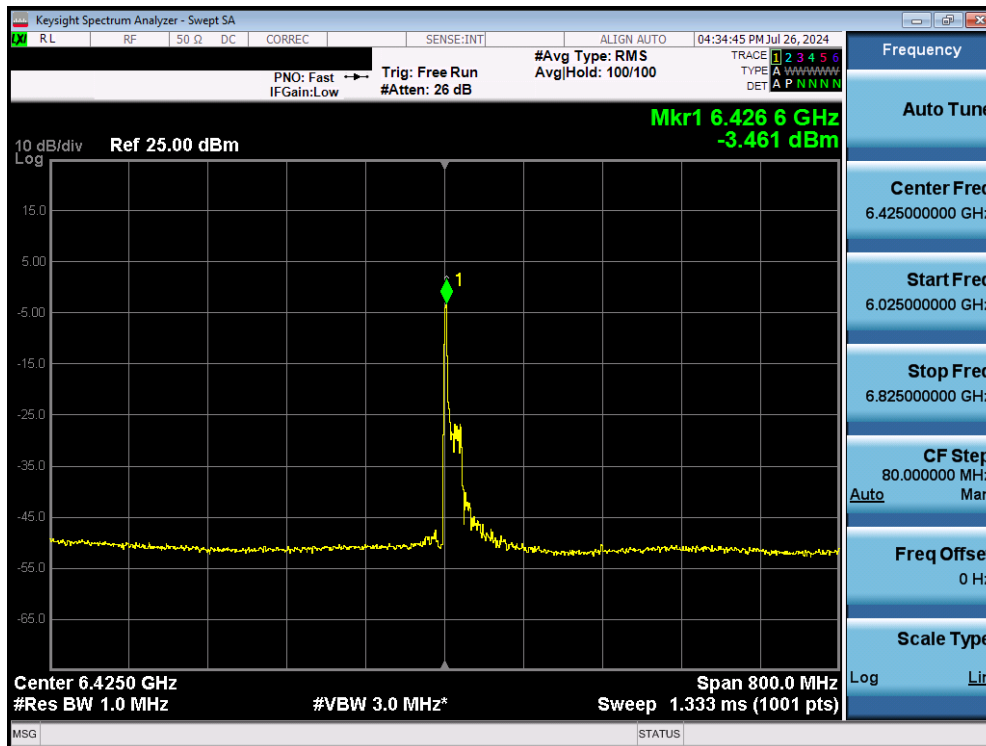


Plot 7-176. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax/be (26 Tones) (UNII Band 6) – Ch. 103)

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 149 of 277



Plot 7-177. Power Spectral Density Plot MIMO ANT2 (160MHz BW 802.11ax/be (26 Tones) (UNII Band 6) – Ch. 111)

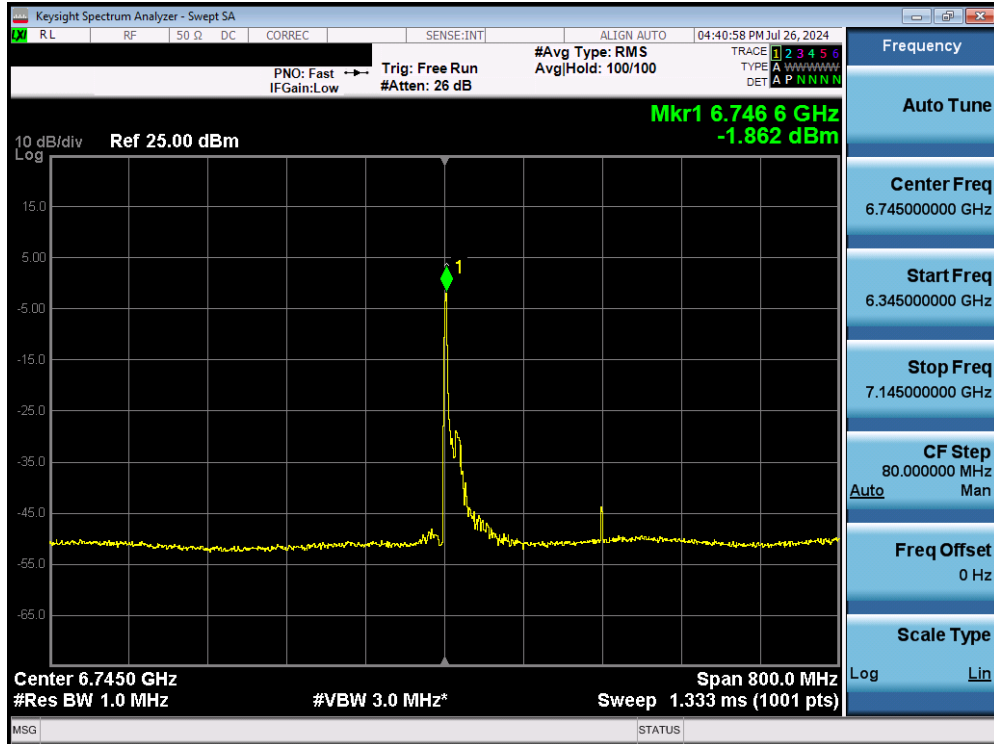


Plot 7-178. Power Spectral Density Plot MIMO ANT2 (320MHz BW 802.11be (26 Tones) (UNII Band 6) – Ch. 95)

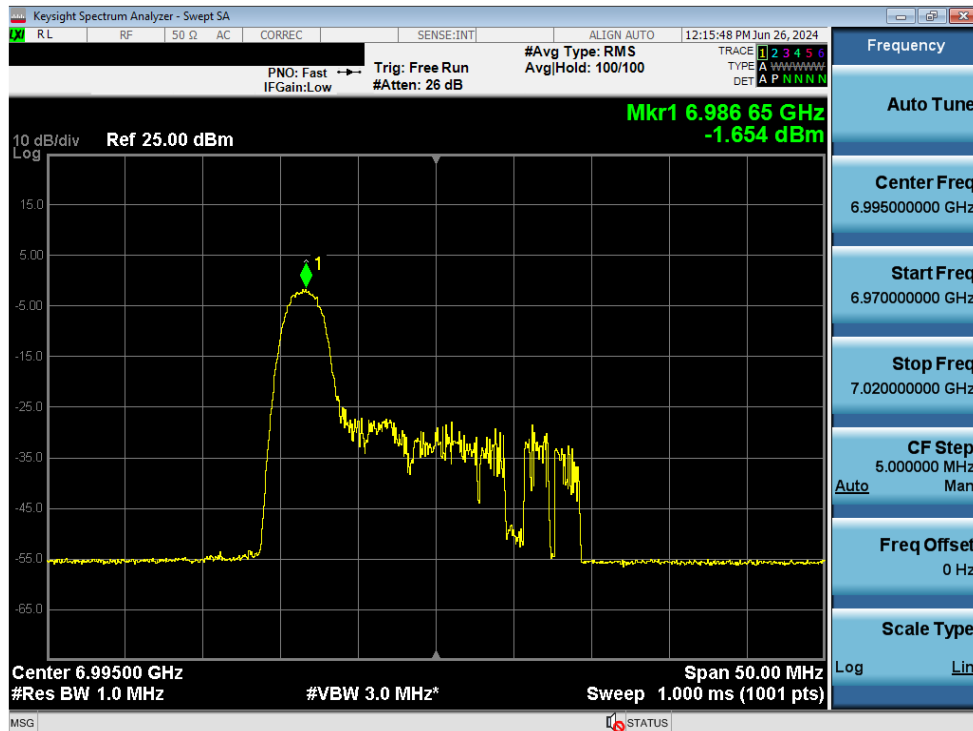
FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 150 of 277





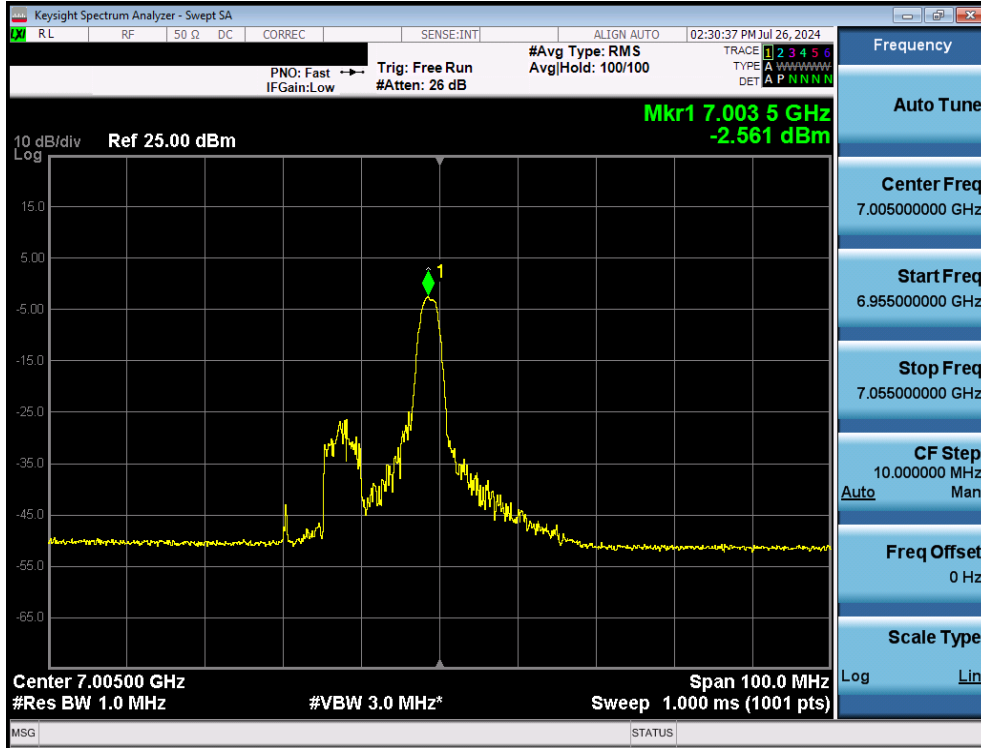


Plot 7-183. Power Spectral Density Plot MIMO ANT2 (320MHz BW 802.11be (26 Tones) (UNII Band 7) – Ch. 159)



Plot 7-184. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax/be (26 Tones) (UNII Band 8) – Ch. 209)

FCC ID: A3LSMX920	<b>MEASUREMENT REPORT</b>		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 153 of 277



Plot 7-185. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax/be (26 Tones) (UNII Band 8) – Ch. 211)



Plot 7-186. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax/be (26 Tones) (UNII Band 8) – Ch. 199)

FCC ID: A3LSMX920	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2405140042-08-R1.A3L	Test Dates: 6/5/2024 – 8/12/2024	EUT Type: Portable Tablet	Page 154 of 277