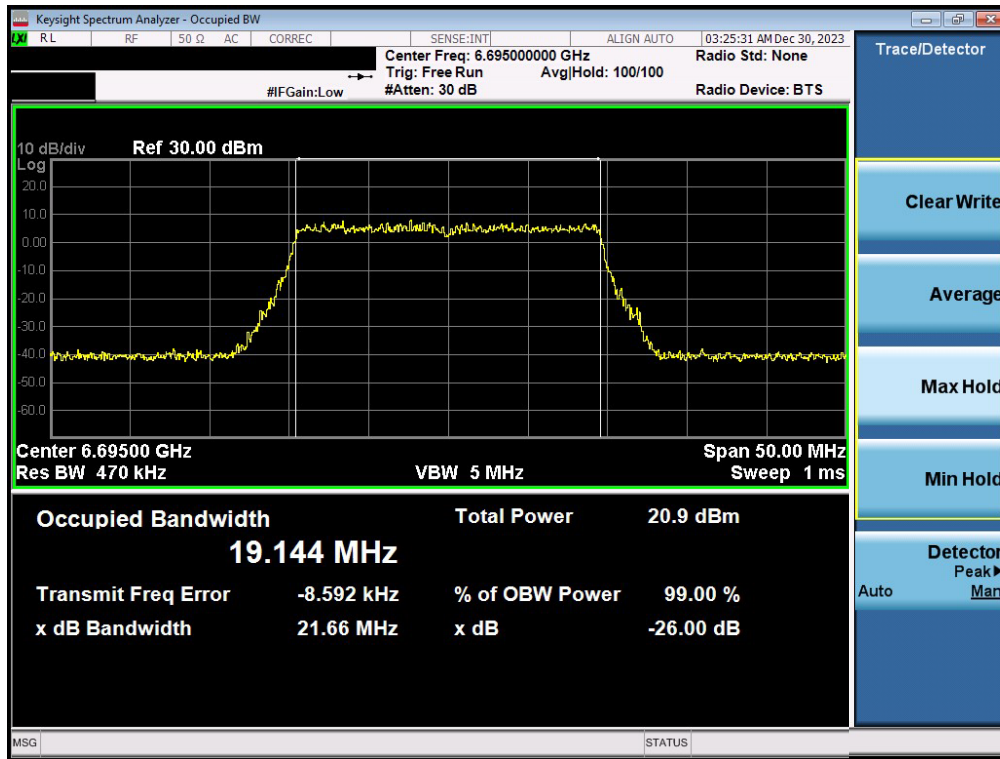
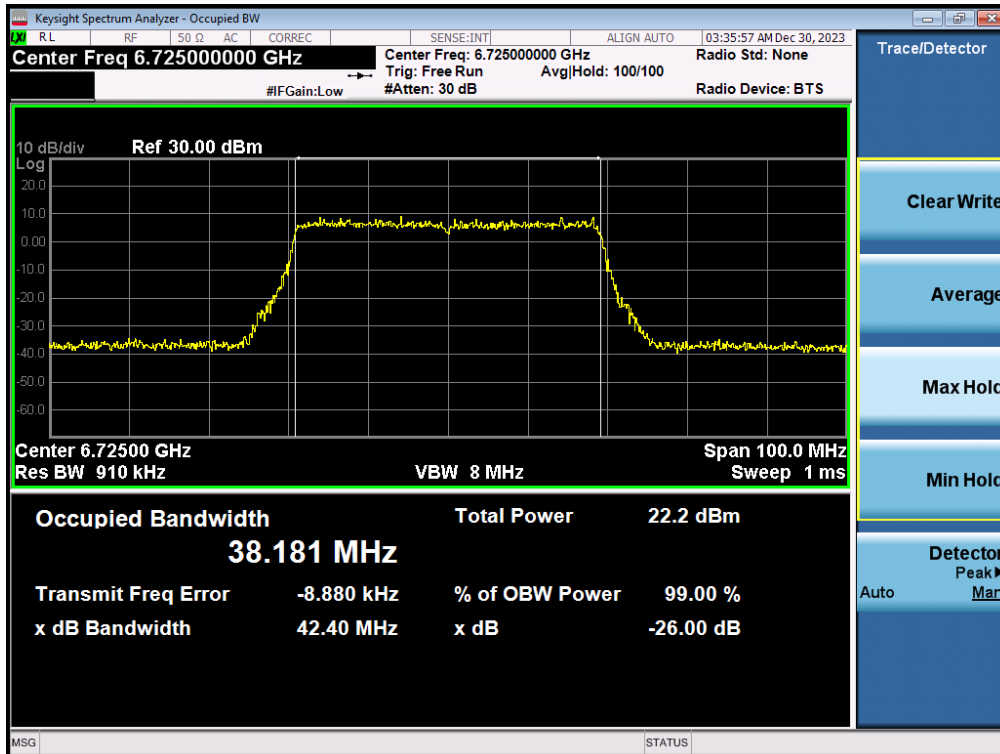


### MIMO Antenna-2 26 dB Bandwidth Measurements - (UNII Band 7)

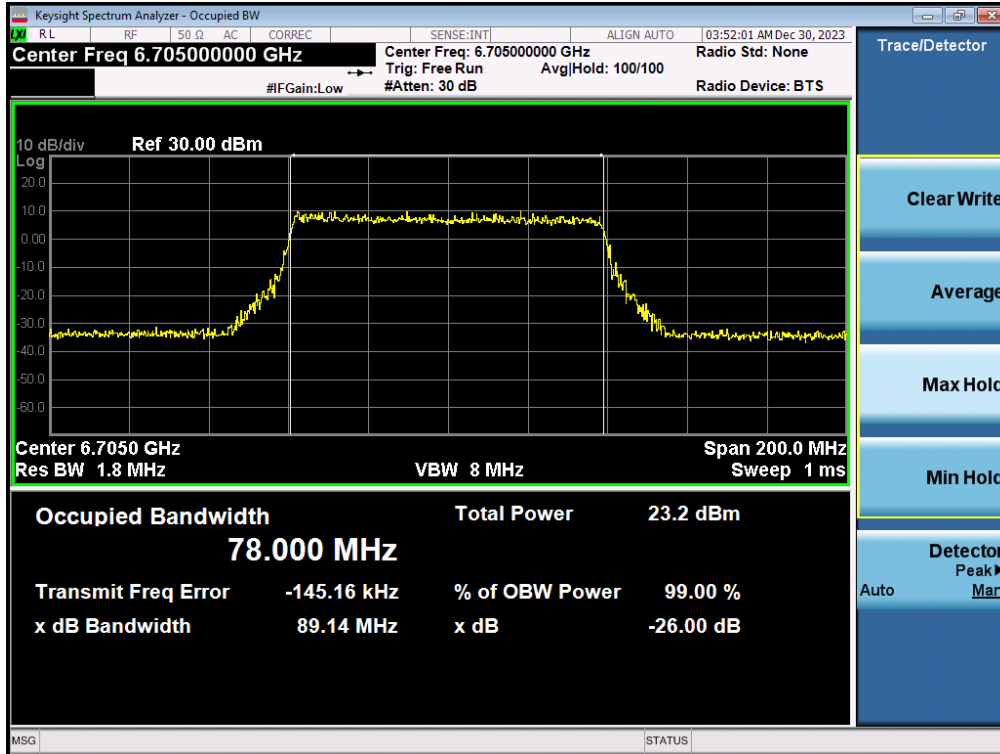


Plot 7-34. 26dB Bandwidth Plot MIMO ANT2 (20MHz 802.11be (UNII Band 7) – Ch. 149)

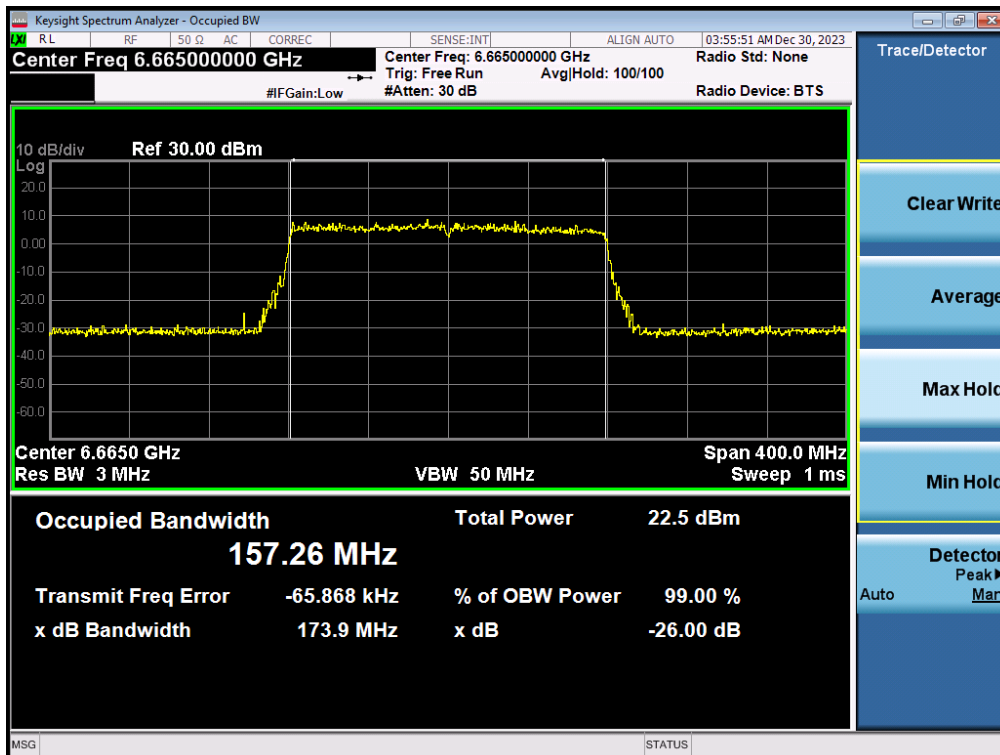


Plot 7-35. 26dB Bandwidth Plot MIMO ANT2 (40MHz 802.11be (UNII Band 7) – Ch. 155)

FCC ID: A3LSMX910 IC: 649E-SMX910	<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 1M2312180128-06.A3L	Test Dates: 12/15/2023 – 1/11/2023	EUT Type: Portable Tablet	Page 35 of 126

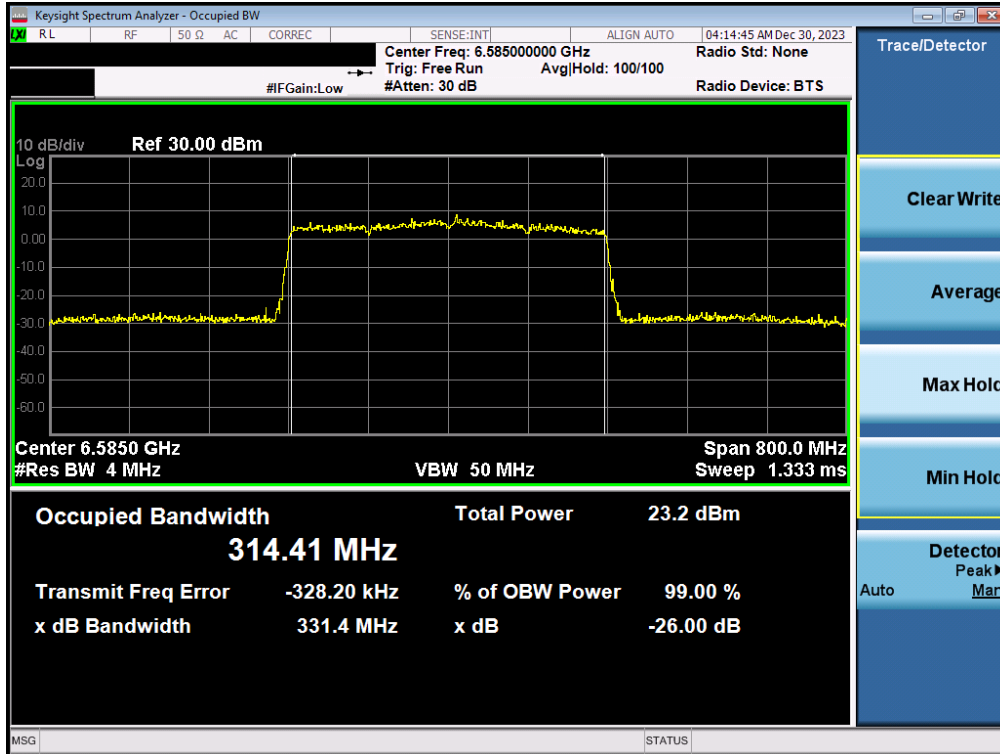


Plot 7-36. 26dB Bandwidth Plot MIMO ANT2 (80MHz 802.11be (UNII Band 7) – Ch. 151)

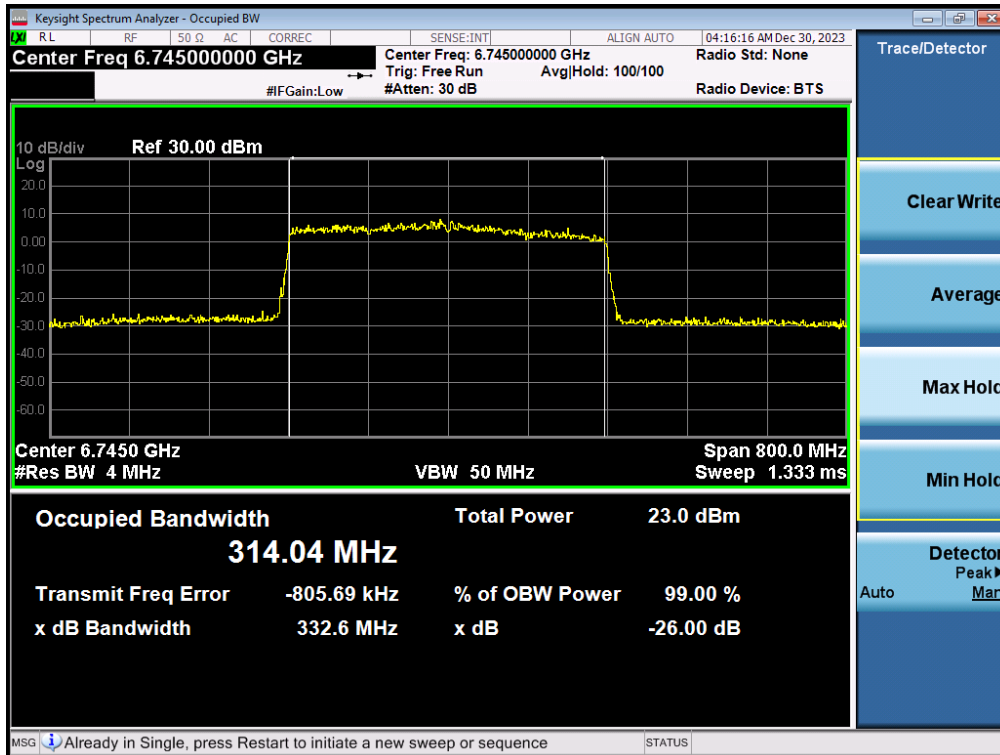


Plot 7-37. 26dB Bandwidth Plot MIMO ANT2 (160MHz 802.11be (UNII Band 7) – Ch. 143)

FCC ID: A3LSMX910 IC: 649E-SMX910	<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 1M2312180128-06.A3L	Test Dates: 12/15/2023 – 1/11/2023	EUT Type: Portable Tablet	Page 36 of 126



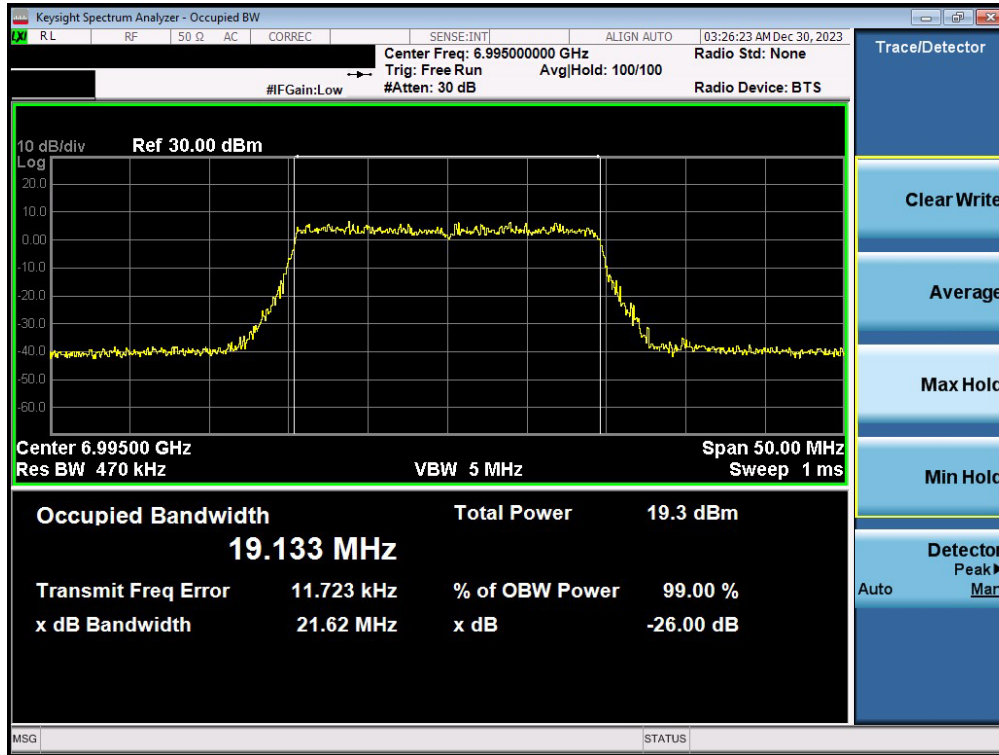
Plot 7-38. 26dB Bandwidth Plot MIMO ANT2 (320MHz 802.11be (UNII Band 6/7) – Ch. 127)



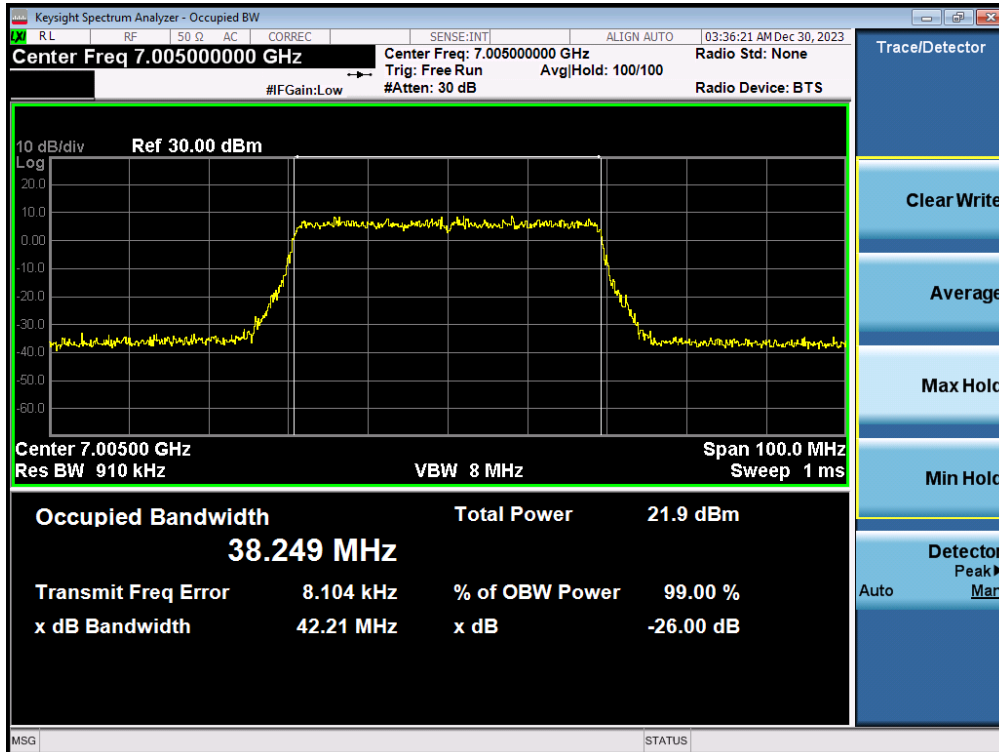
Plot 7-39. 26dB Bandwidth Plot MIMO ANT2 (320MHz 802.11be (UNII Band 7/8) – Ch. 159)

FCC ID: A3LSMX910 IC: 649E-SMX910	<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 1M2312180128-06.A3L	Test Dates: 12/15/2023 – 1/11/2023	EUT Type: Portable Tablet	Page 37 of 126

### MIMO Antenna-2 26 dB Bandwidth Measurements - (UNII Band 8)

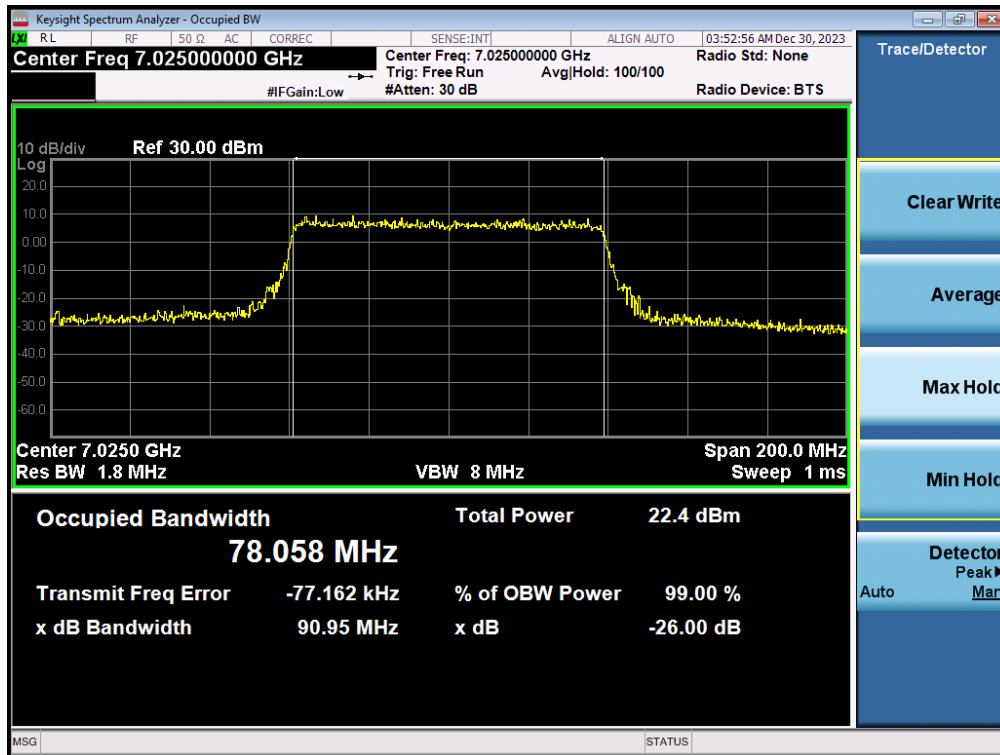


Plot 7-40. 26dB Bandwidth Plot MIMO ANT2 (20MHz 802.11be (UNII Band 8) – Ch. 209)

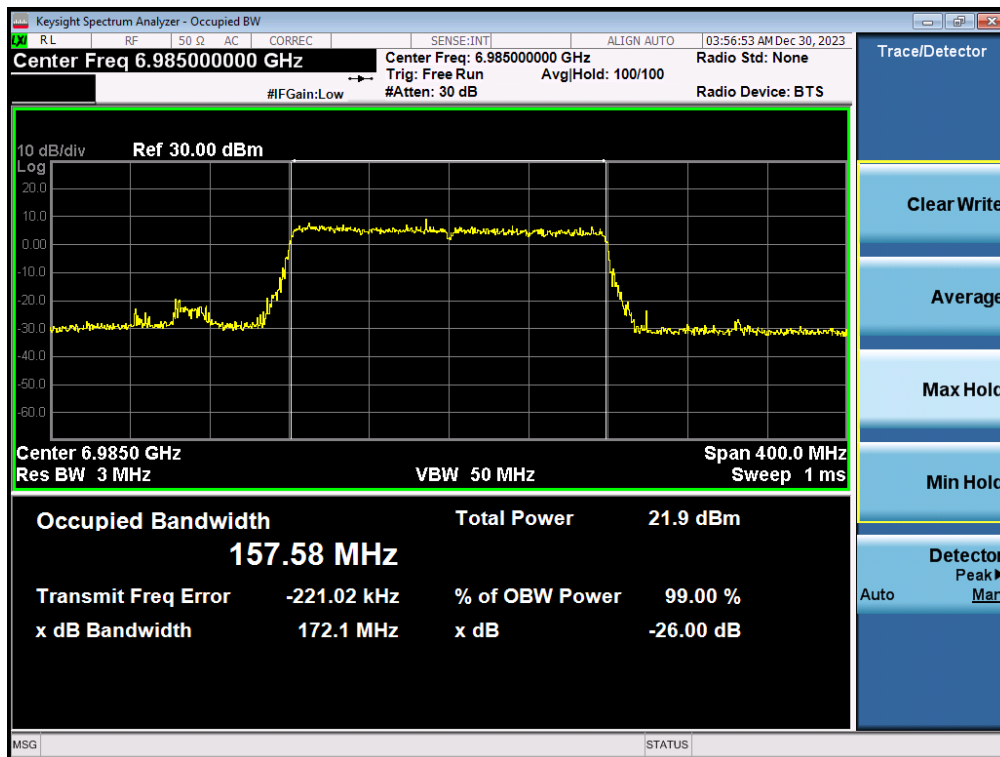


Plot 7-41. 26dB Bandwidth Plot MIMO ANT2 (40MHz 802.11be (UNII Band 8) – Ch. 211)

FCC ID: A3LSMX910 IC: 649E-SMX910	<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 1M2312180128-06.A3L	Test Dates: 12/15/2023 – 1/11/2023	EUT Type: Portable Tablet	Page 38 of 126

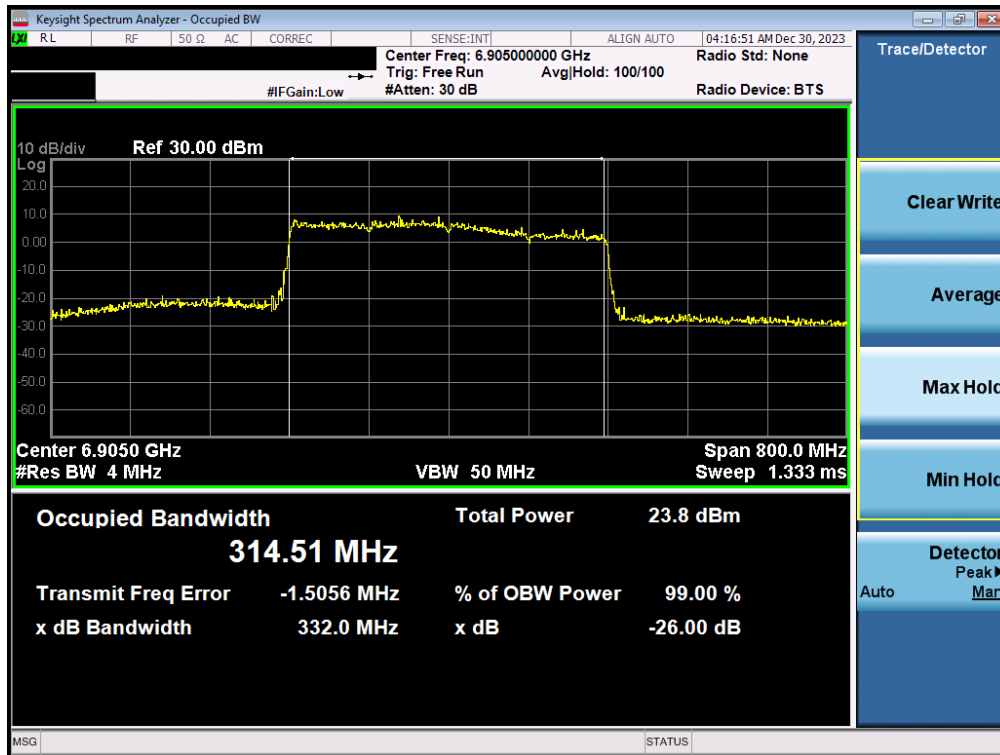


Plot 7-42. 26dB Bandwidth Plot MIMO ANT2 (80MHz 802.11be (UNII Band 8) – Ch. 215)



Plot 7-43. 26dB Bandwidth Plot MIMO ANT2 (160MHz 802.11be (UNII Band 8) – Ch. 207)

FCC ID: A3LSMX910 IC: 649E-SMX910	<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 1M2312180128-06.A3L	Test Dates: 12/15/2023 – 1/11/2023	EUT Type: Portable Tablet	Page 39 of 126



Plot 7-44. 26dB Bandwidth Plot MIMO ANT2 (320MHz 802.11be (UNII Band 7/8) – Ch. 191)

FCC ID: A3LSMX910 IC: 649E-SMX910	<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 1M2312180128-06.A3L	Test Dates: 12/15/2023 – 1/11/2023	EUT Type: Portable Tablet	Page 40 of 126

### 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.

<b>FCC ID:</b> A3LSMX910 <b>IC:</b> 649E-SMX910	<b>MEASUREMENT REPORT</b> <b>(Class II Permissive Change)</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2312180128-06.A3L	<b>Test Dates:</b> 12/15/2023 – 1/11/2023	<b>EUT Type:</b> Portable Tablet	Page 41 of 126



## MIMO Maximum Conducted Output Power Measurements

6GHz WIFI (20MHz 802.11be MIMO)						Directional Ant. Gain [dBi]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]
Band	Freq [MHz]	Channel	Avg. Conducted Powers [dBm]						
			ANT1	ANT2	MIMO				
UNII-5	5935	2	3.73	2.75	6.28	-2.17	4.11	24.00	-19.89
	5955	1	12.37	12.04	15.22	-2.17	13.05	24.00	-10.95
	6175	45	12.58	12.11	15.36	-2.17	13.19	24.00	-10.81
	6415	93	12.56	12.83	15.71	-2.17	13.54	24.00	-10.46
UNII-6	6435	97	12.76	12.45	15.62	-2.45	13.17	24.00	-10.83
	6475	105	12.07	12.82	15.47	-2.45	13.02	24.00	-10.98
	6515	113	12.09	12.61	15.37	-2.45	12.92	24.00	-11.08
UNII-7	6535	117	12.63	11.85	15.27	-2.62	12.65	24.00	-11.35
	6675	145	12.02	12.14	15.09	-2.62	12.47	24.00	-11.53
	6695	149	12.16	12.38	15.28	-2.62	12.66	24.00	-11.34
	6875	185	11.67	12.02	14.86	-2.62	12.24	24.00	-11.76
UNII-8	6895	189	11.81	11.45	14.64	-2.66	11.98	24.00	-12.02
	6995	209	12.24	11.23	14.77	-2.66	12.11	24.00	-11.89
	7115	233	6.75	5.74	9.28	-2.66	6.62	24.00	-17.38

Table 7-3. MIMO 20MHz BW 802.11be (UNII) Maximum Conducted Output Power

6GHz WIFI (40MHz 802.11be MIMO)						Directional Ant. Gain [dBi]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]
Band	Freq [MHz]	Channel	Avg. Conducted Powers [dBm]						
			ANT1	ANT2	MIMO				
UNII-5	5965	3	14.37	14.21	17.30	-4.34	12.96	24.00	-11.04
	6165	43	14.28	13.82	17.07	-4.02	13.05	24.00	-10.95
	6285	67	14.63	13.45	17.09	-5.26	11.83	24.00	-12.17
	6405	91	14.82	14.08	17.48	-6.81	10.67	24.00	-13.33
UNII-6	6445	99	14.71	13.84	17.31	-6.81	10.50	24.00	-13.50
	6485	107	13.42	14.63	17.08	-7.69	9.39	24.00	-14.61
	6525	115	13.52	14.43	17.01	-7.69	9.32	24.00	-14.68
UNII-7	6565	123	14.02	14.73	17.40	-7.69	9.71	24.00	-14.29
	6685	147	13.83	14.32	17.09	-8.10	8.99	24.00	-15.01
	6725	155	13.72	14.02	16.88	-8.09	8.79	24.00	-15.21
	6845	179	13.34	13.82	16.60	-8.13	8.47	24.00	-15.53
UNII-8	6885	187	13.74	14.08	16.92	-7.75	9.17	24.00	-14.83
	7005	211	14.10	13.21	16.69	-7.74	8.95	24.00	-15.05
	7085	227	14.32	13.12	16.77	-8.21	8.56	24.00	-15.44

Table 7-4. MIMO 40MHz BW 802.11be (UNII) Maximum Conducted Output Power

6GHz WIFI (80MHz 802.11be MIMO)						Directional Ant. Gain [dBi]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]
Band	Freq [MHz]	Channel	Avg. Conducted Powers [dBm]						
			ANT1	ANT2	MIMO				
UNII-5	5985	7	14.21	14.15	17.19	-4.20	12.99	24.00	-11.01
	6145	39	14.21	13.51	16.88	-4.02	12.86	24.00	-11.14
	6305	71	13.23	14.25	16.78	-5.26	11.52	24.00	-12.48
	6385	87	14.11	14.64	17.39	-5.58	11.81	24.00	-12.19
JNII-6	6465	103	13.73	14.52	17.15	-6.81	10.34	24.00	-13.66
UNII-7	6545	119	13.94	14.45	17.21	-7.69	9.52	24.00	-14.48
	6705	151	14.05	14.04	17.06	-8.10	8.96	24.00	-15.04
	6785	167	13.68	13.56	16.63	-8.13	8.50	24.00	-15.50
	6865	183	13.51	13.71	16.62	-7.75	8.87	24.00	-15.13
UNII-8	6945	199	13.94	13.73	16.85	-7.75	9.10	24.00	-14.90
	7025	215	14.69	13.28	17.05	-7.74	9.31	24.00	-14.69

Table 7-5. MIMO 80MHz BW 802.11be (UNII) Maximum Conducted Output Power

FCC ID: A3LSMX910 IC: 649E-SMX910	<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		Approved by: Technical Manager
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6GHz WIFI (160MHz 802.11be MIMO)						Directional Ant. Gain [dBi]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]
Band	Freq [MHz]	Channel	Avg. Conducted Powers [dBm]						
			ANT1	ANT2	MIMO				
UNII-5	6025	15	12.94	13.15	16.06	-4.20	11.86	24.00	-12.14
	6185	47	13.11	13.29	16.21	-4.05	12.16	24.00	-11.84
	6345	79	12.89	13.53	16.23	-5.58	10.65	24.00	-13.35
UNII-6	6505	111	12.95	13.54	16.27	-7.69	8.58	24.00	-15.42
UNII-7	6665	143	13.02	13.19	16.12	-8.10	8.02	24.00	-15.98
	6825	175	13.03	13.09	16.07	-8.13	7.94	24.00	-16.06
UNII-8	6985	207	13.41	12.63	16.05	-7.74	8.31	24.00	-15.69

Table 7-6. MIMO 160MHz BW 802.11be (UNII) Maximum Conducted Output Power

6GHz WIFI (320MHz 802.11be MIMO)						Directional Ant. Gain [dBi]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]
Band	Freq [MHz]	Channel	Avg. Conducted Powers [dBm]						
			ANT1	ANT2	MIMO				
UNII-5	6105	31	13.81	12.74	16.32	-4.02	12.30	24.00	-11.70
UNII-5	6265	63	13.32	13.83	16.59	-4.05	12.54	24.00	-11.46
UNII-6	6425	95	13.12	13.52	16.33	-6.81	9.52	24.00	-14.48
UNII-7	6585	127	13.25	13.03	16.15	-8.49	7.66	24.00	-16.34
UNII-7	6745	159	13.31	12.86	16.10	-8.09	8.01	24.00	-15.99
UNII-8	6905	191	13.34	13.98	16.68	-7.75	8.93	24.00	-15.07

Table 7-7. MIMO 320MHz BW 802.11be (UNII) Maximum Conducted Output Power

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									
					90			91						
					ANT1	ANT2	MIMO	ANT1	ANT2	MIMO				
5	6145	39	242+484T	14.85	13.56	17.25	14.81	13.40	17.17	-4.02	13.2	24.0	-10.76	
6	6465	103	242+484T	14.21	14.84	17.55	14.31	14.69	17.51	-6.81	10.7	24.0	-13.26	
7	6705	151	242+484T	14.11	13.88	17.01	14.23	13.77	17.02	-8.10	8.9	24.0	-15.08	
8	6945	199	242+484T	14.41	13.73	17.09	14.67	13.97	17.34	-7.75	9.6	24.0	-14.41	

Table 7-8. MIMO 80MHz BW 802.11be (UNII) Maximum Conducted Output Power – Punctured

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									
					94			95						
					ANT1	ANT2	MIMO	ANT1	ANT2	MIMO				
5	6185	47	996+484T	13.65	13.77	16.72	13.65	13.27	16.47	-4.05	12.7	24.0	-11.33	
6	6505	111	996+484T	12.74	13.45	16.12	12.87	13.12	16.01	-7.69	8.4	24.0	-15.57	
7	6665	143	996+484T	13.32	13.43	16.39	13.26	12.89	16.09	-8.10	8.3	24.0	-15.71	
8	6985	207	996+484T	13.82	13.03	16.45	13.77	12.83	16.34	-8.10	8.4	24.0	-15.65	

Table 7-9. MIMO 160MHz BW 802.11be (UNII) Maximum Conducted Output Power – Punctured

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									
					96			99						
					ANT1	ANT2	MIMO	ANT1	ANT2	MIMO				
5	6185	47	996+484+242T	13.82	13.63	16.74	13.79	13.45	16.63	-4.05	12.7	24.0	-11.31	
6	6505	111	996+484+242T	12.88	13.76	16.35	13.01	13.52	16.28	-7.69	8.7	24.0	-15.34	
7	6665	143	996+484+242T	13.36	13.44	16.41	13.38	13.32	16.36	-8.10	8.3	24.0	-15.69	
8	6985	207	996+484+242T	13.86	11.94	16.02	13.84	11.95	16.01	-8.10	7.9	24.0	-16.08	

Table 7-10. MIMO 160MHz BW 802.11be (UNII) Maximum Conducted Output Power – Punctured

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]
					Puncture Case									
					00100			00103						
					ANT1	ANT2	MIMO	ANT1	ANT2	MIMO				
5	6105	31	3x996+484T	13.57	12.36	16.02	13.59	12.32	16.01	-4.02	12.0	24.0	-12.00	
6	6425	95	3x996+484T	12.98	13.16	16.08	13.05	13.00	16.04	-6.81	9.3	24.0	-14.73	
7	6585	127	3x996+484T	13.68	13.61	16.66	13.87	13.51	16.70	-8.49	8.2	24.0	-15.79	
8	6905	191	3x996+484T	14.02	13.77	16.91	13.82	14.03	16.94	-7.75	9.2	24.0	-14.81	

Table 7-11. MIMO 320MHz BW 802.11be (UNII) Maximum Conducted Output Power – Punctured – LPI

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]
					Puncture Case									
					00104			01104						
					ANT1	ANT2	MIMO	ANT1	ANT2	MIMO				
5	6105	31	3x996T	14.28	12.76	16.60	14.12	12.53	16.41	-4.02	12.6	24.0	-11.42	
6	6425	95	3x996T	13.20	13.62	16.43	13.22	13.38	16.31	-6.81	9.6	24.0	-14.38	
7	6585	127	3x996T	13.25	13.23	16.25	13.56	12.99	16.29	-8.49	7.8	24.0	-16.20	
8	6905	191	3x996T	13.84	13.05	16.47	13.68	13.25	16.48	-7.75	8.7	24.0	-15.27	

Table 7-12. MIMO 320MHz BW 802.11be (UNII) Maximum Conducted Output Power – Punctured

FCC ID: A3LSMX910 IC: 649E-SMX910	<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		Approved by: Technical Manager
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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]
					Puncture Case									
					00105			01106						
					ANT1	ANT2	MIMO	ANT1	ANT2	MIMO				
5	6105	31	2x996+484T	14.27	12.91	16.65	14.26	12.73	16.57	-4.02	12.6	24.0	-11.37	
6	6425	95	2x996+484T	13.33	13.73	16.54	13.31	13.55	16.44	-6.81	9.7	24.0	-14.27	
7	6385	127	2x996+484T	13.39	13.41	16.41	13.54	13.13	16.35	-8.49	7.9	24.0	-16.08	
8	6905	191	2x996+484T	13.89	13.44	16.68	13.77	13.65	16.72	-7.75	9.0	24.0	-15.03	

**Table 7-13. MIMO 320MHz BW 802.11be (UNII) Maximum Conducted Output Power – Punctured**

**Sample MIMO Calculation:**

At 5935MHz in 802.11be (20MHz BW) mode, the average conducted output power was measured to be 3.73 dBm for Antenna-1 and 2.75 dBm for Antenna-2.

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

$$(3.73 \text{ dBm} + 2.75 \text{ dBm}) = (2.36 \text{ mW} + 1.88 \text{ mW}) = 4.25 \text{ mW} = 6.28 \text{ dBm}$$

**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.

$$\text{Directional gain} = 10 \log\left[\frac{10^{G_1/20} + 10^{G_2/20} + \dots + 10^{G_N/20}}{N_{ANT}}\right] \text{ dBi}$$

**Sample e.i.r.p. Calculation:**

At 5935MHz in 802.11be (20MHz BW) mode, the average MIMO conducted power was calculated to be 6.28 dBm with directional gain of -4.34 dBi.

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

$$6.28 \text{ dBm} + -4.34 \text{ dBi} = 1.94 \text{ dBm}$$

FCC ID: A3LSMX910 IC: 649E-SMX910	<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		Approved by: Technical Manager
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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 for 802.11a/ax.

***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

All cases were investigated; a subset of the taken plots were included to represent relevant settings and measurements.

FCC ID: A3LSMX910 IC: 649E-SMX910	<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		Approved by: Technical Manager
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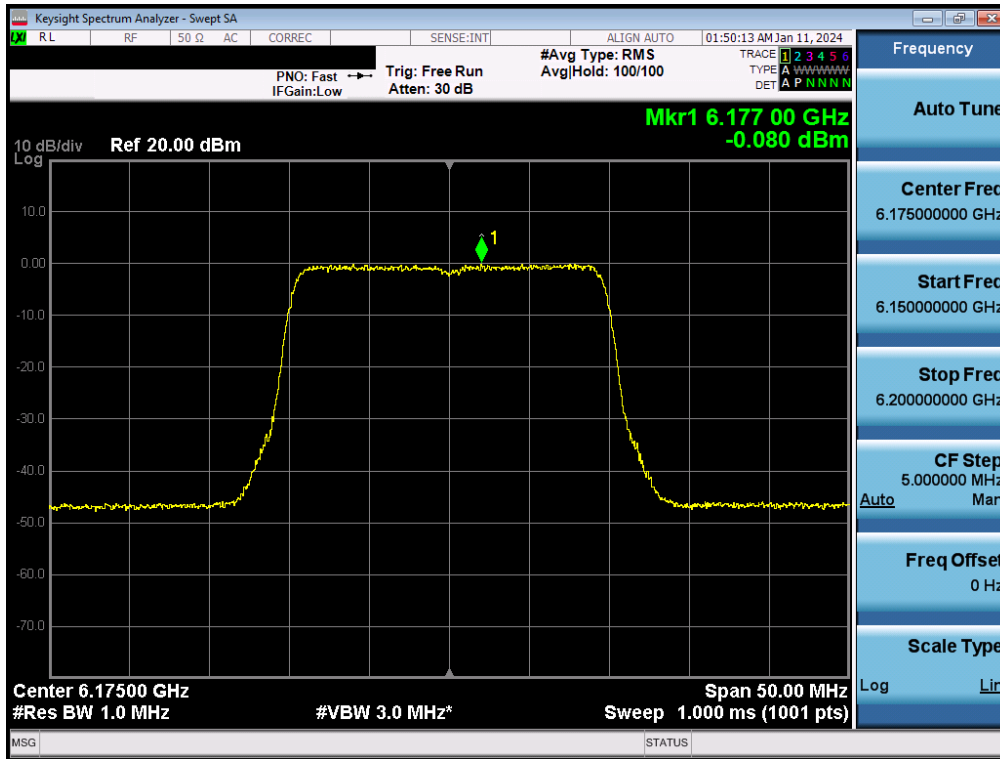
## MIMO Power Spectral Density Measurements

	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/MHz]	Directional Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	6175	45	be (20MHz)	-0.08	-0.73	-5.99	-8.27	2.62	-4.05	-1.43	-1	-0.43
	6165	43	be (40MHz)	-0.45	-1.50	-6.17	-7.98	2.07	-4.02	-1.95	-1	-0.95
	6145	39	be (80MHz)	-2.94	-4.46	-6.17	-7.98	-0.62	-4.02	-4.64	-1	-3.64
	6185	47	be (160MHz)	-7.19	-7.45	-5.99	-8.27	-4.31	-4.05	-8.35	-1	-7.35
	6105	31	be (320MHz)	-8.22	-9.33	-6.17	-7.98	-5.73	-4.02	-9.75	-1	-8.75
Band 6	6265	63	be (320MHz)	-8.53	-7.93	-5.99	-8.27	-5.21	-4.05	-9.25	-1	-8.25
	6475	105	be (20MHz)	0.65	1.77	-9.73	-11.80	4.25	-7.69	-3.44	-1	-2.44
	6485	107	be (40MHz)	-0.91	0.16	-9.73	-11.80	2.67	-7.69	-5.03	-1	-4.03
	6465	103	be (80MHz)	-3.24	-2.70	-8.71	-11.10	0.05	-6.81	-6.76	-1	-5.76
Band 5/6/7	6505	111	be (160MHz)	-6.46	-6.80	-9.73	-11.80	-3.61	-7.69	-11.31	-1	-10.31
	6425	95	be (320MHz)	-8.48	-7.94	-8.71	-11.10	-5.19	-6.81	-12.00	-1	-11.00
Band 7	6695	149	be (20MHz)	1.14	1.57	-9.74	-12.75	4.37	-8.10	-3.74	-1	-2.74
	6725	155	be (40MHz)	-0.71	-0.53	-9.90	-12.50	2.40	-8.09	-5.70	-1	-4.70
	6705	151	be (80MHz)	-3.05	-2.69	-9.74	-12.75	0.14	-8.10	-7.96	-1	-6.96
Band 6/7	6665	143	be (160MHz)	-7.22	-6.45	-9.74	-12.75	-3.81	-8.10	-11.91	-1	-10.91
Band 7/8	6585	127	be (320MHz)	-9.14	-8.51	-10.60	-12.50	-5.80	-8.49	-14.29	-1	-13.29
	6825	175	be (320MHz)	-9.14	-8.68	-9.96	-12.50	-5.90	-8.13	-14.02	-1	-13.02
Band 8	6995	209	be (20MHz)	0.74	0.15	-9.82	-11.80	3.46	-7.74	-4.28	-1	-3.28
	7005	211	be (40MHz)	-0.05	-0.88	-9.82	-11.80	2.57	-7.74	-5.18	-1	-4.18
	7025	215	be (80MHz)	-2.78	-3.85	-9.82	-11.80	-0.27	-7.74	-8.02	-1	-7.02
	6985	207	be (160MHz)	-6.69	-6.85	-9.82	-11.80	-3.75	-7.74	-11.50	-1	-10.50
Band 7/8	6905	191	be (320MHz)	-8.86	-7.91	-9.92	-11.70	-5.35	-7.75	-13.10	-1	-12.10

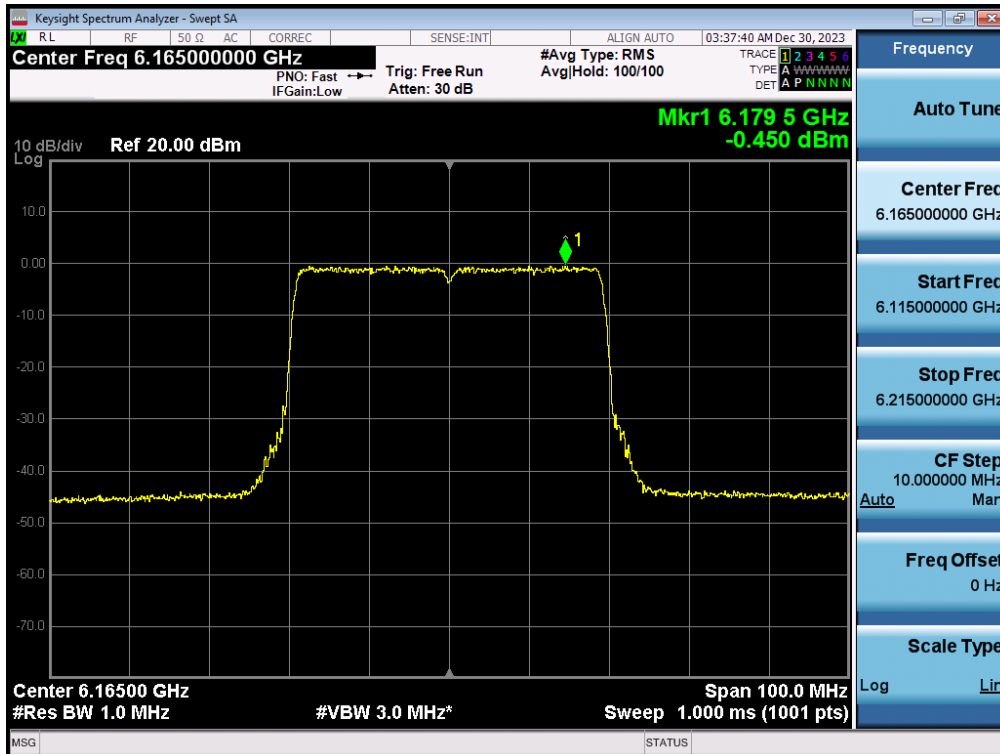
**Table 7-14. MIMO e.i.r.p. Conducted Power Spectral Density Measurements**

FCC ID: A3LSMX910 IC: 649E-SMX910	<b>MEASUREMENT REPORT (Class II Permissive Change)</b>		Approved by: Technical Manager
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## MIMO Antenna-1 Power Spectral Density Measurements - (UNII Band 5)

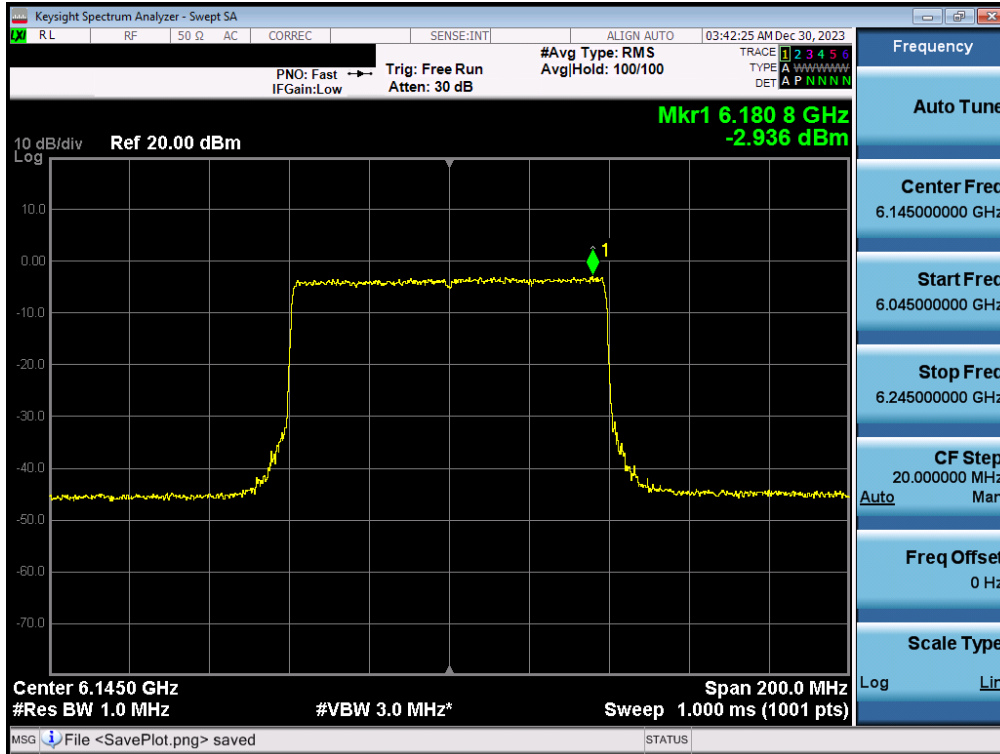


Plot 7-45. Power Spectral Density MIMO ANT1 (20MHz 802.11be (UNII Band 5) – Ch. 45)

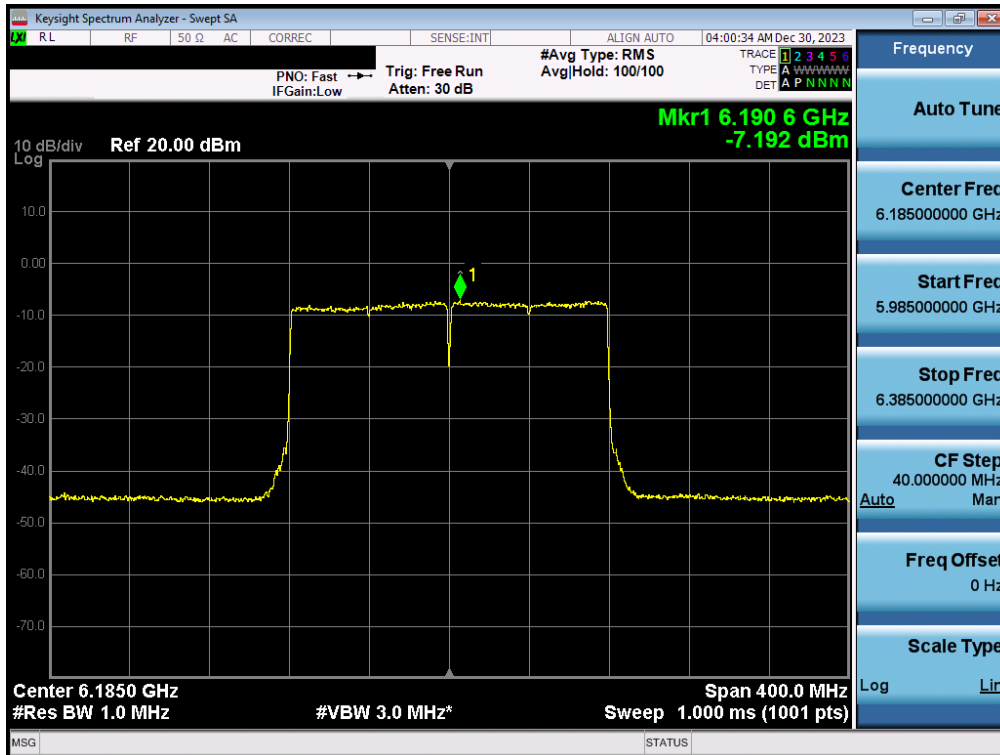


Plot 7-46. Power Spectral Density MIMO ANT1 (40MHz 802.11be (UNII Band 5) – Ch. 43)

FCC ID: A3LSMX910 IC: 649E-SMX910	<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 1M2312180128-06.A3L	Test Dates: 12/15/2023 – 1/11/2023	EUT Type: Portable Tablet	Page 47 of 126

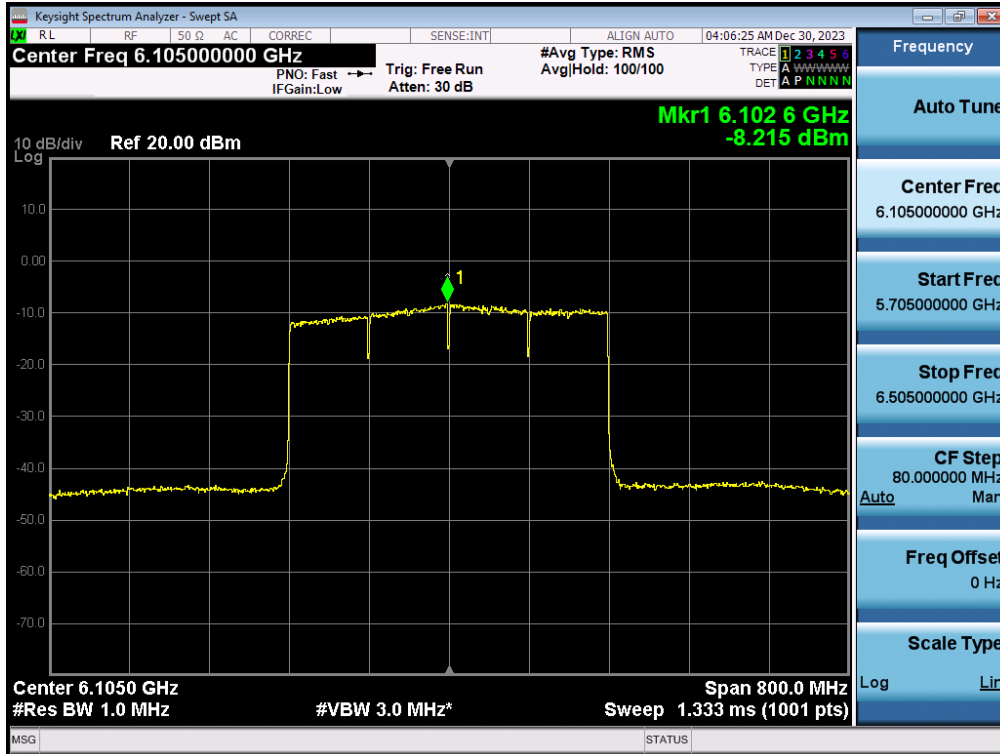


Plot 7-47. Power Spectral Density MIMO ANT1 (80MHz 802.11be (UNII Band 5) – Ch. 39)

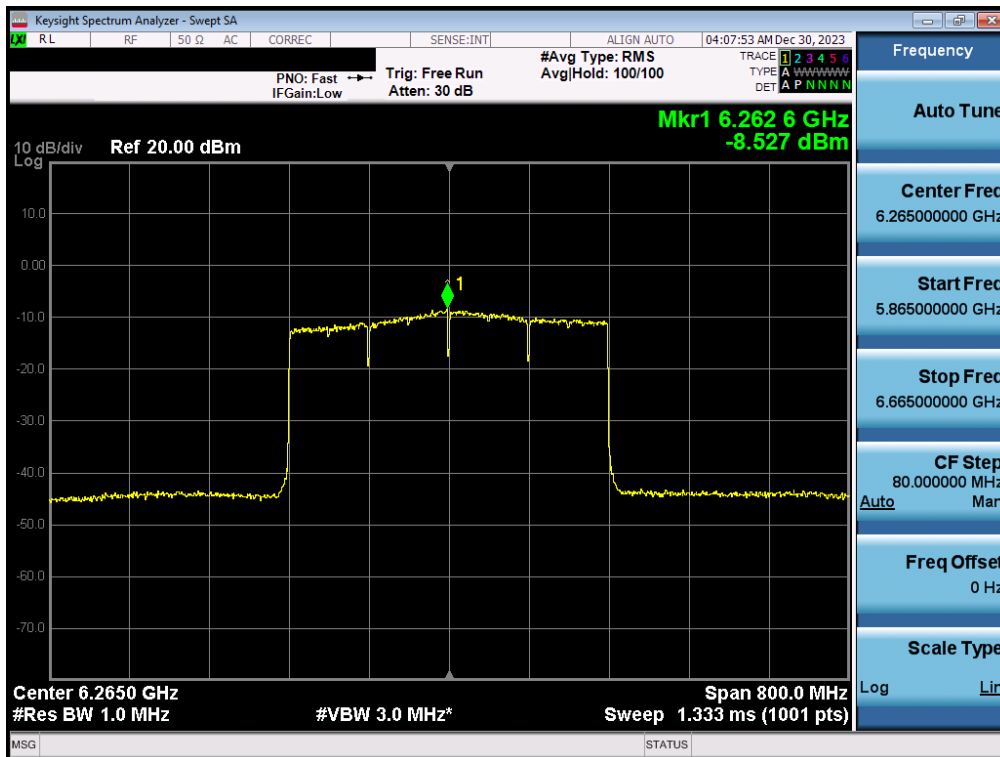


Plot 7-48. Power Spectral Density MIMO ANT1 (160MHz 802.11be (UNII Band 5) – Ch. 47)

FCC ID: A3LSMX910 IC: 649E-SMX910	<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 1M2312180128-06.A3L	Test Dates: 12/15/2023 – 1/11/2023	EUT Type: Portable Tablet	Page 48 of 126



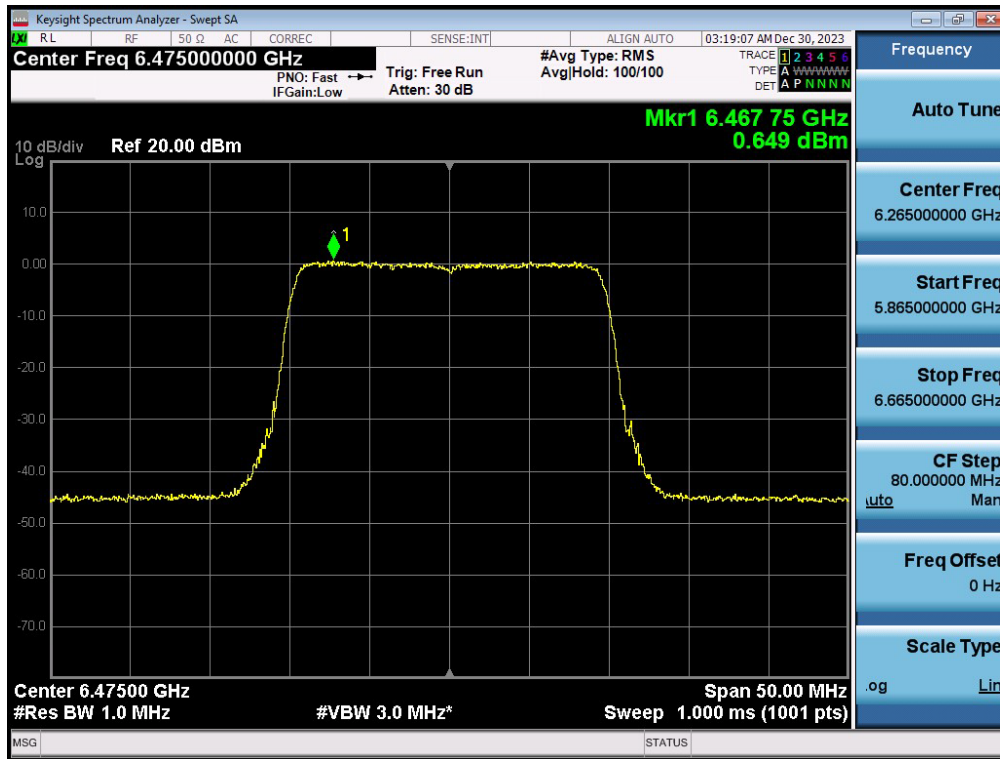
Plot 7-49. Power Spectral Density MIMO ANT1 (320MHz 802.11be (UNII Band 5) – Ch. 31)



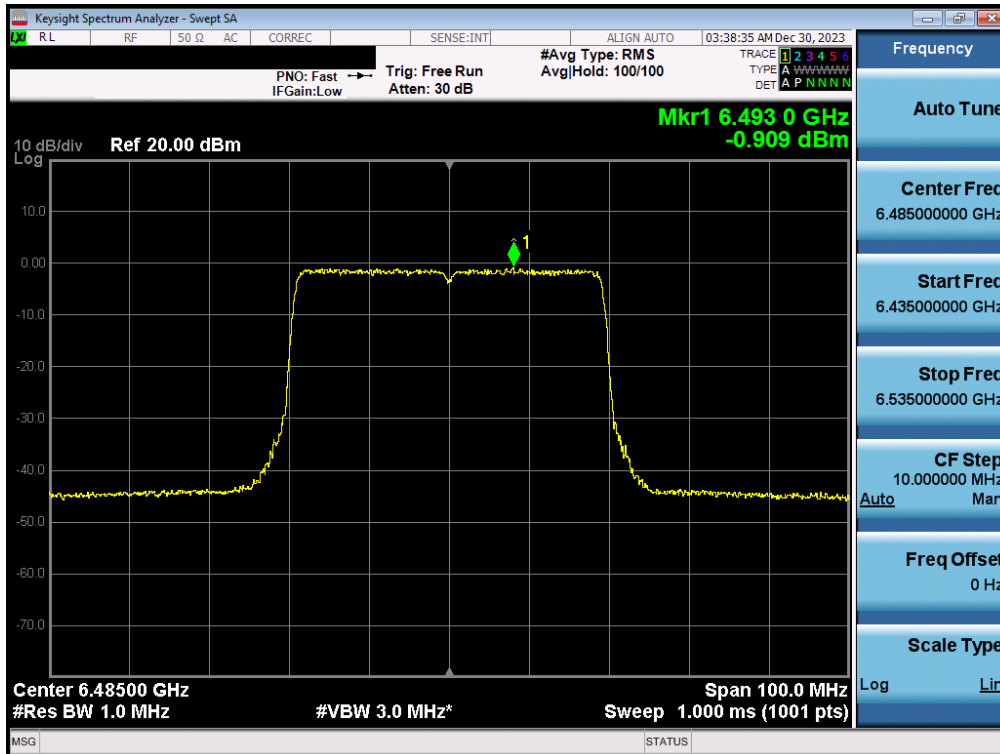
Plot 7-50. Power Spectral Density MIMO ANT1 (320MHz 802.11be (UNII Band 5) – Ch. 63)

FCC ID: A3LSMX910 IC: 649E-SMX910	<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 1M2312180128-06.A3L	Test Dates: 12/15/2023 – 1/11/2023	EUT Type: Portable Tablet	Page 49 of 126

### MIMO Antenna-1 Power Spectral Density Measurements - (UNII Band 6)



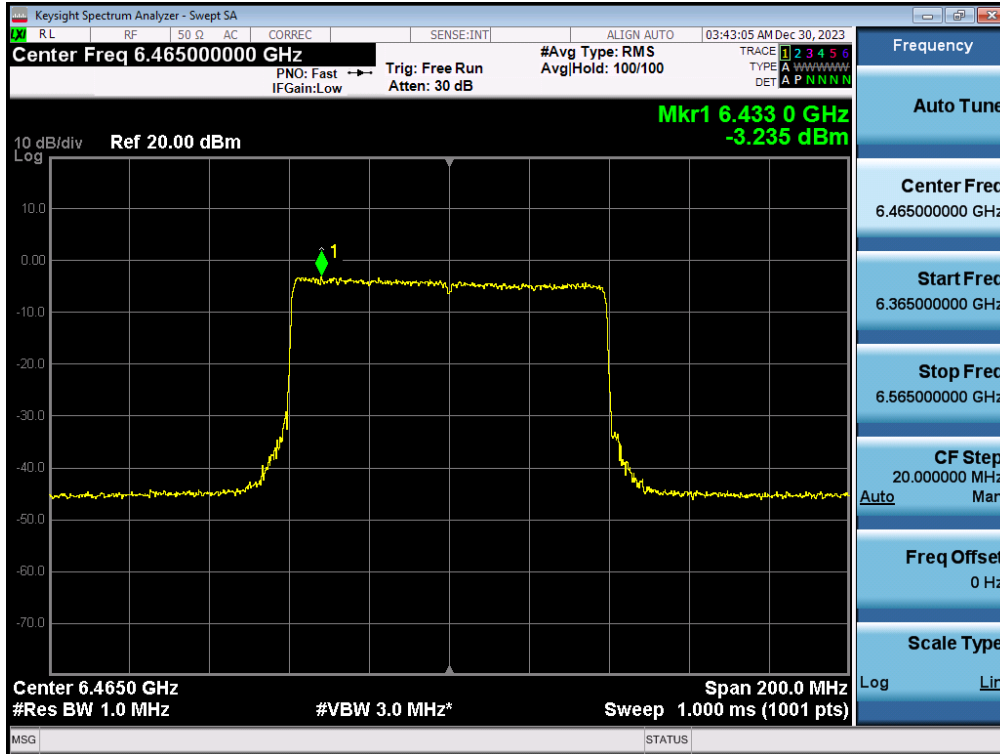
Plot 7-51. Power Spectral Density MIMO ANT1 (20MHz 802.11be (UNII Band 6) – Ch. 105)



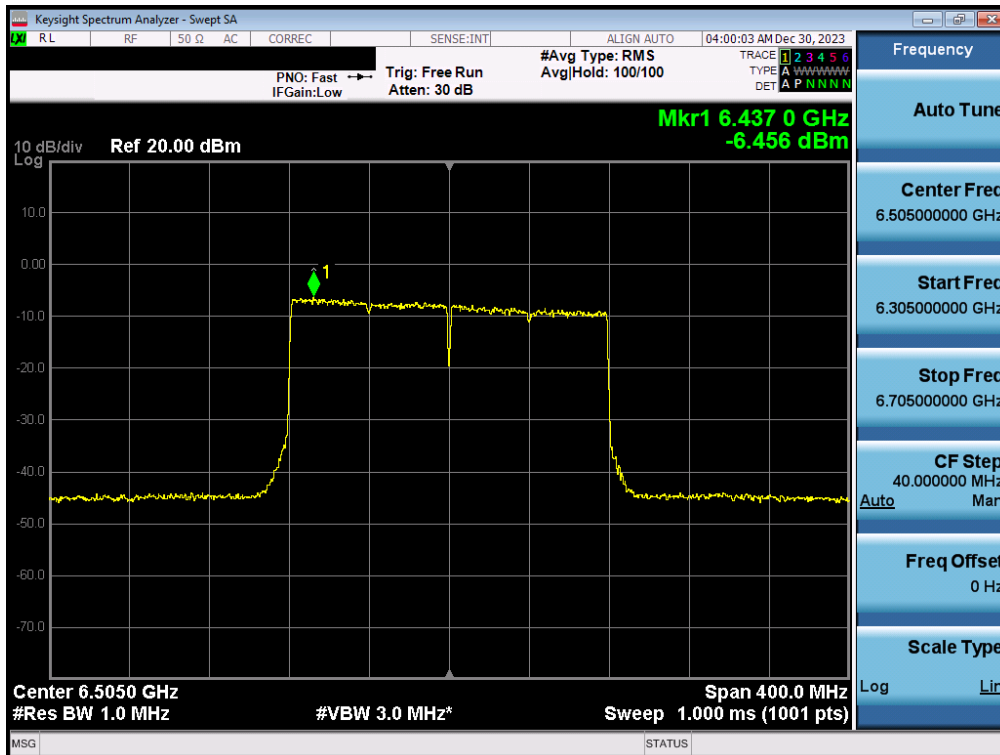
Plot 7-52. Power Spectral Density MIMO ANT1 (40MHz 802.11be (UNII Band 6) – Ch. 107)

FCC ID: A3LSMX910 IC: 649E-SMX910	<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 1M2312180128-06.A3L	Test Dates: 12/15/2023 – 1/11/2023	EUT Type: Portable Tablet	Page 50 of 126



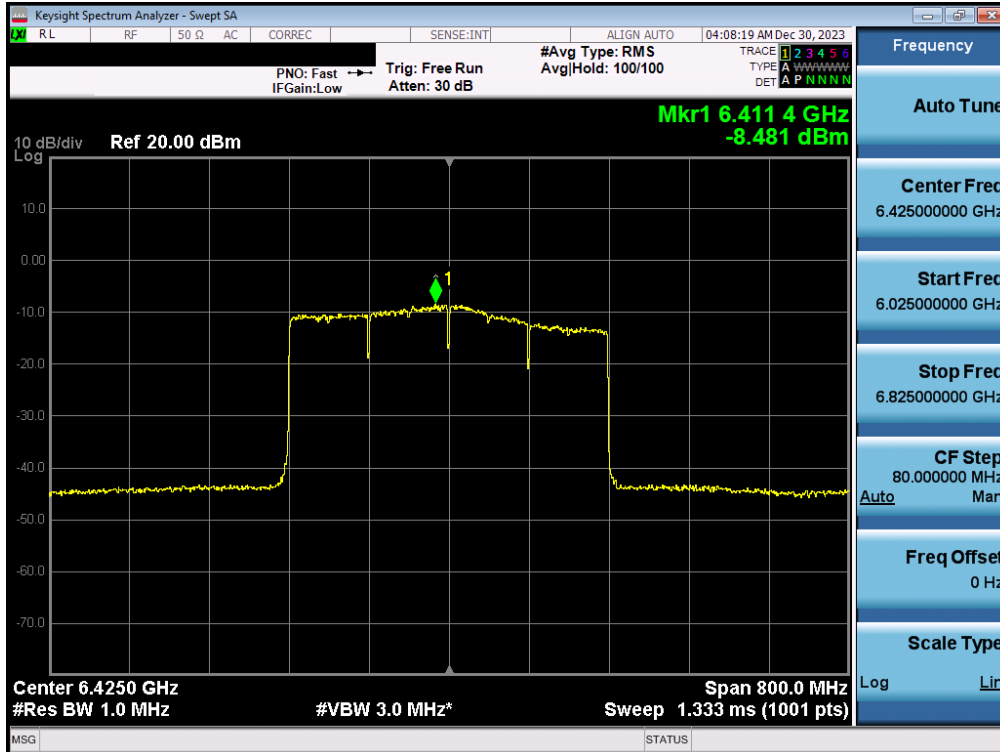


Plot 7-53. Power Spectral Density MIMO ANT1 (80MHz 802.11be (UNII Band 6) – Ch. 103)



Plot 7-54. Power Spectral Density MIMO ANT1 (160MHz 802.11be (UNII Band 6) – Ch. 111)

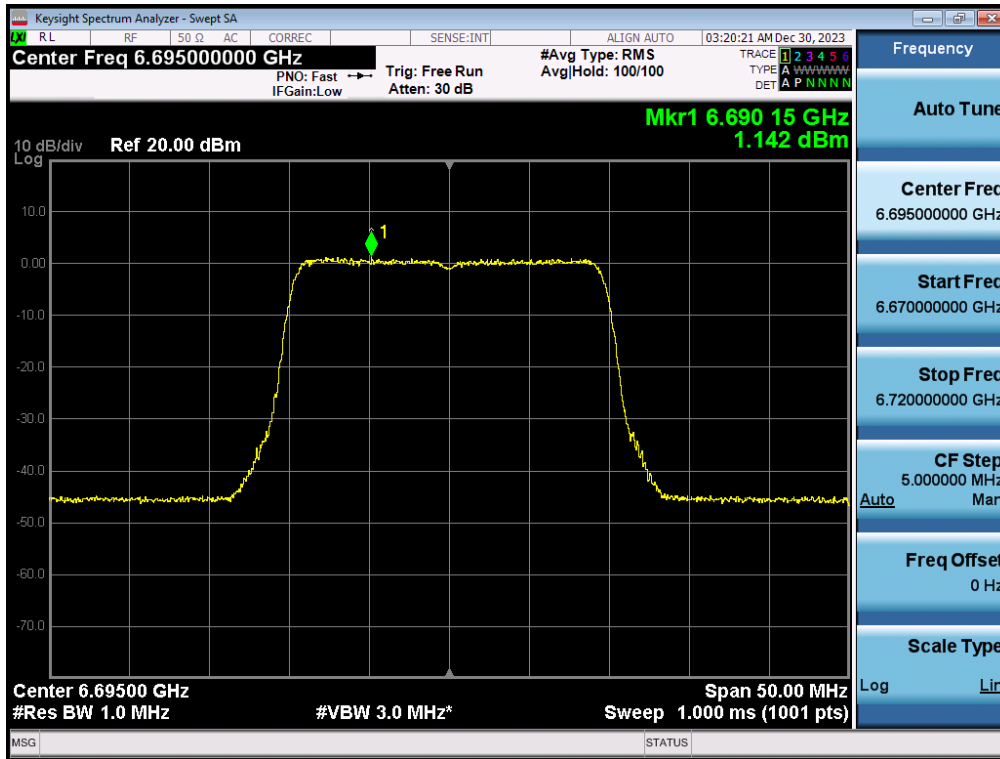
FCC ID: A3LSMX910 IC: 649E-SMX910	<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 1M2312180128-06.A3L	Test Dates: 12/15/2023 – 1/11/2023	EUT Type: Portable Tablet	Page 51 of 126



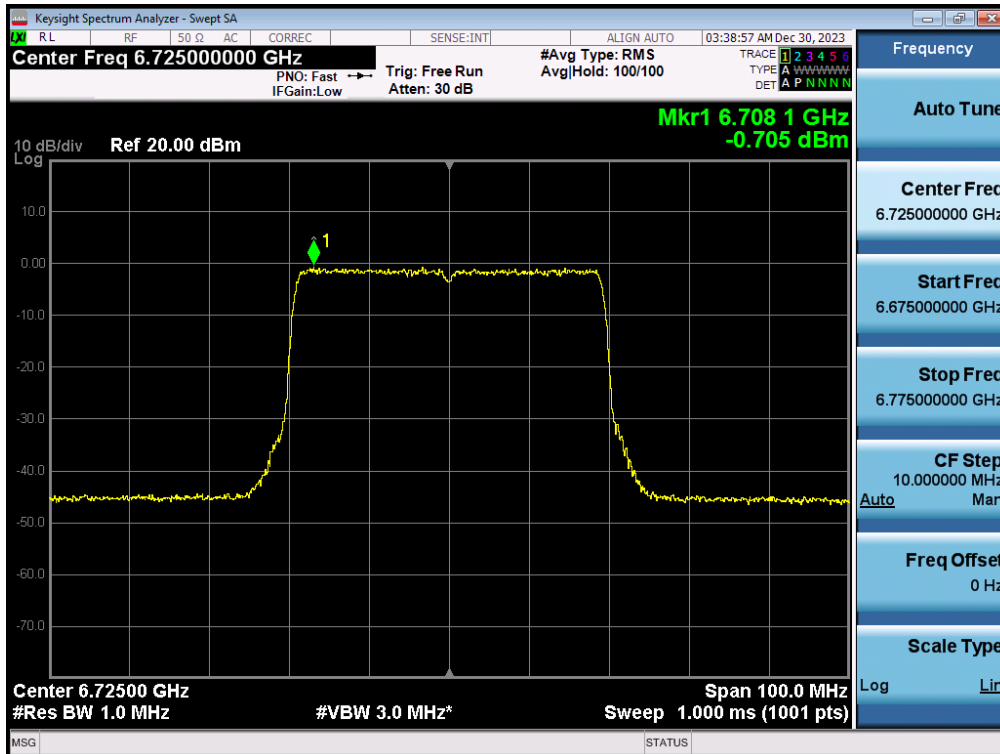
Plot 7-55. Power Spectral Density MIMO ANT1 (320MHz 802.11be (UNII Band 5/6/7) – Ch. 95)

FCC ID: A3LSMX910 IC: 649E-SMX910	<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 1M2312180128-06.A3L	Test Dates: 12/15/2023 – 1/11/2023	EUT Type: Portable Tablet	Page 52 of 126

### MIMO Antenna-1 Power Spectral Density Measurements - (UNII Band 7)

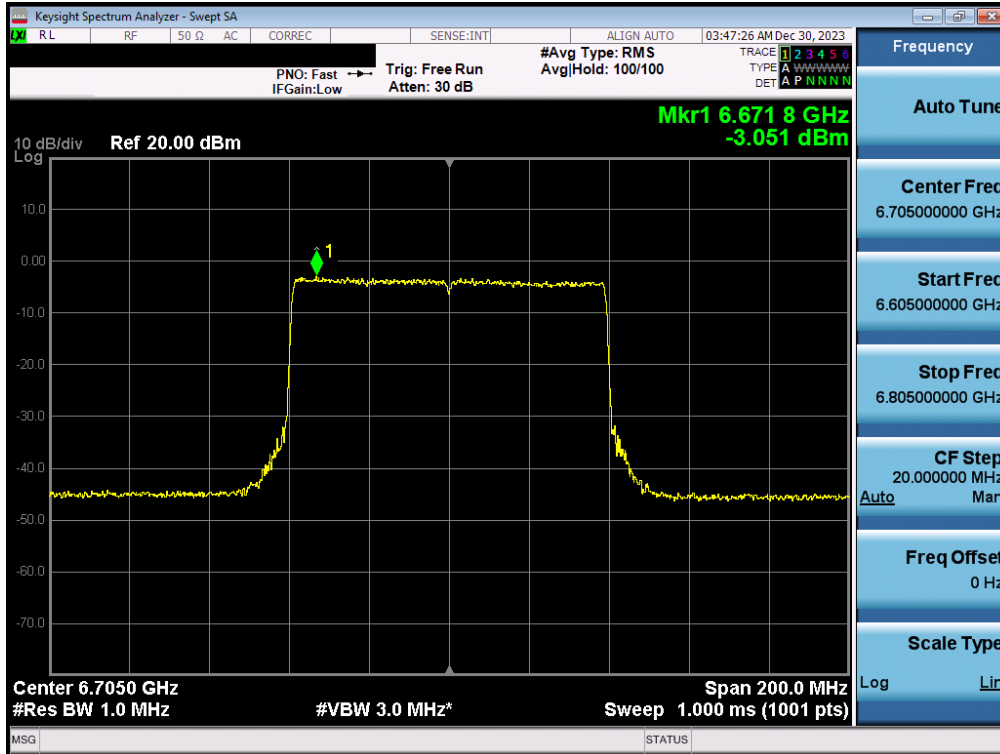


Plot 7-56. Power Spectral Density MIMO ANT1 (20MHz 802.11be (UNII Band 7) – Ch. 149)

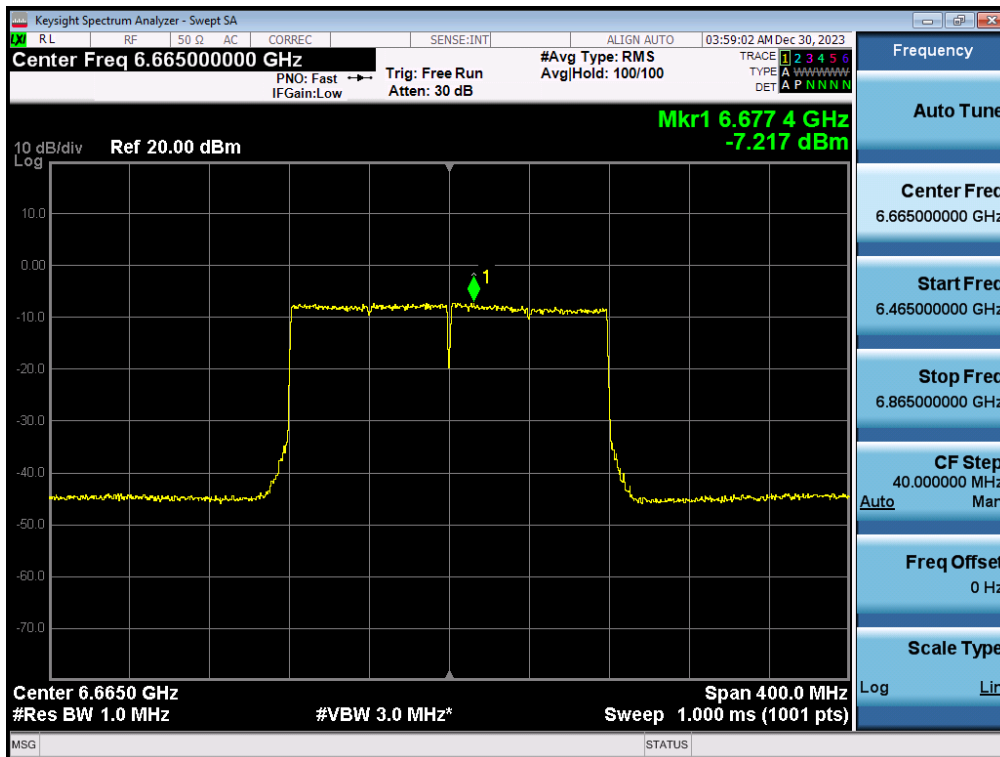


Plot 7-57. Power Spectral Density MIMO ANT1 (40MHz 802.11be (UNII Band 7) – Ch. 155)

FCC ID: A3LSMX910 IC: 649E-SMX910	<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 1M2312180128-06.A3L	Test Dates: 12/15/2023 – 1/11/2023	EUT Type: Portable Tablet	Page 53 of 126

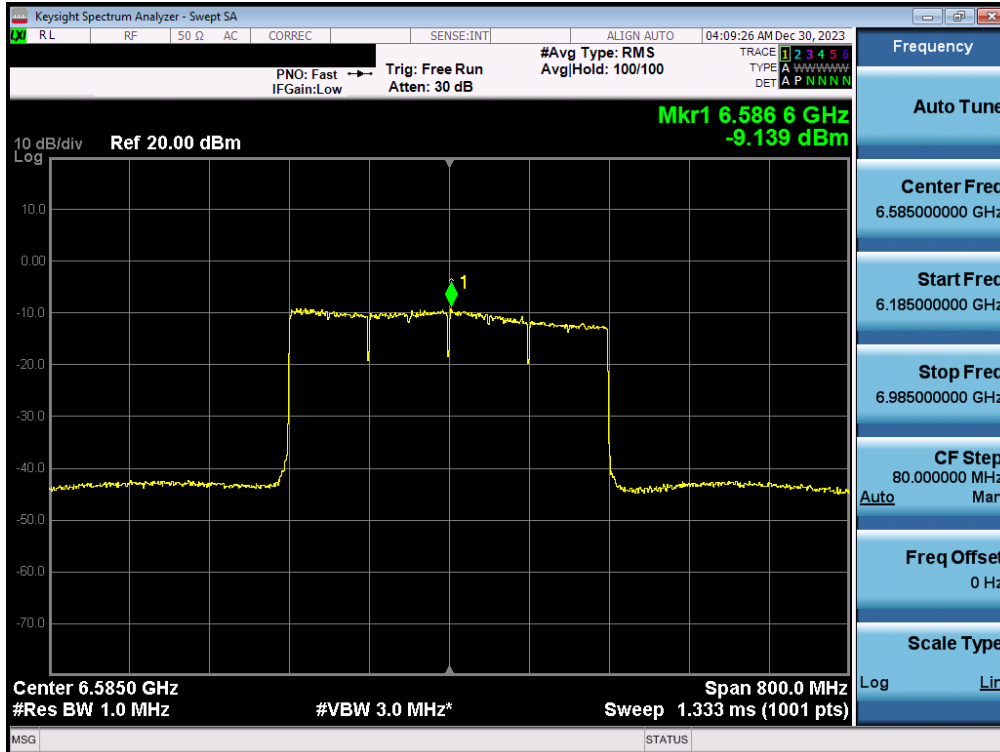


Plot 7-58. Power Spectral Density MIMO ANT1 (80MHz 802.11be (UNII Band 7) – Ch. 151)

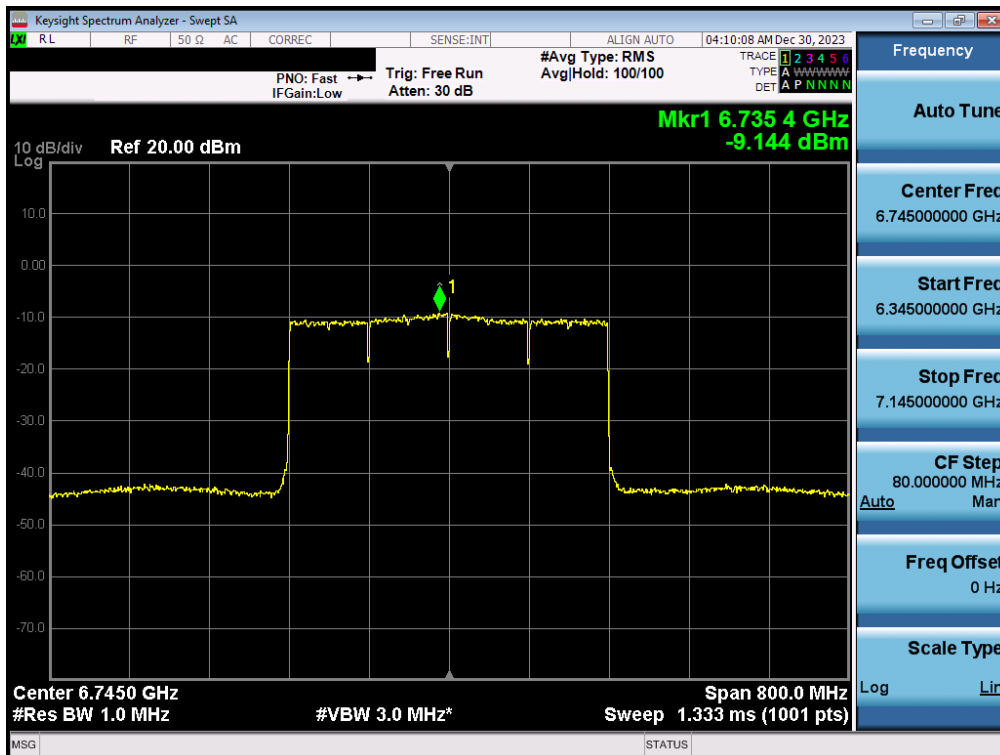


Plot 7-59. Power Spectral Density MIMO ANT1 (160MHz 802.11be (UNII Band 7) – Ch. 143)

FCC ID: A3LSMX910 IC: 649E-SMX910	<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 1M2312180128-06.A3L	Test Dates: 12/15/2023 – 1/11/2023	EUT Type: Portable Tablet	Page 54 of 126



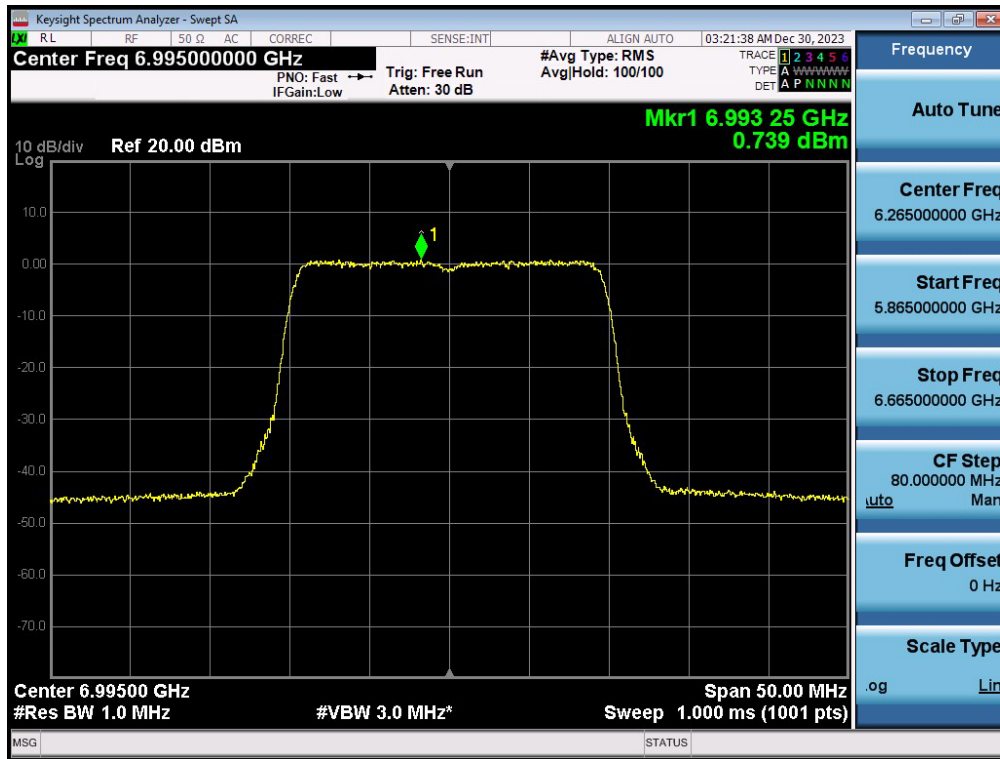
Plot 7-60. Power Spectral Density MIMO ANT1 (320MHz 802.11be (UNII Band 6/7) – Ch. 127)



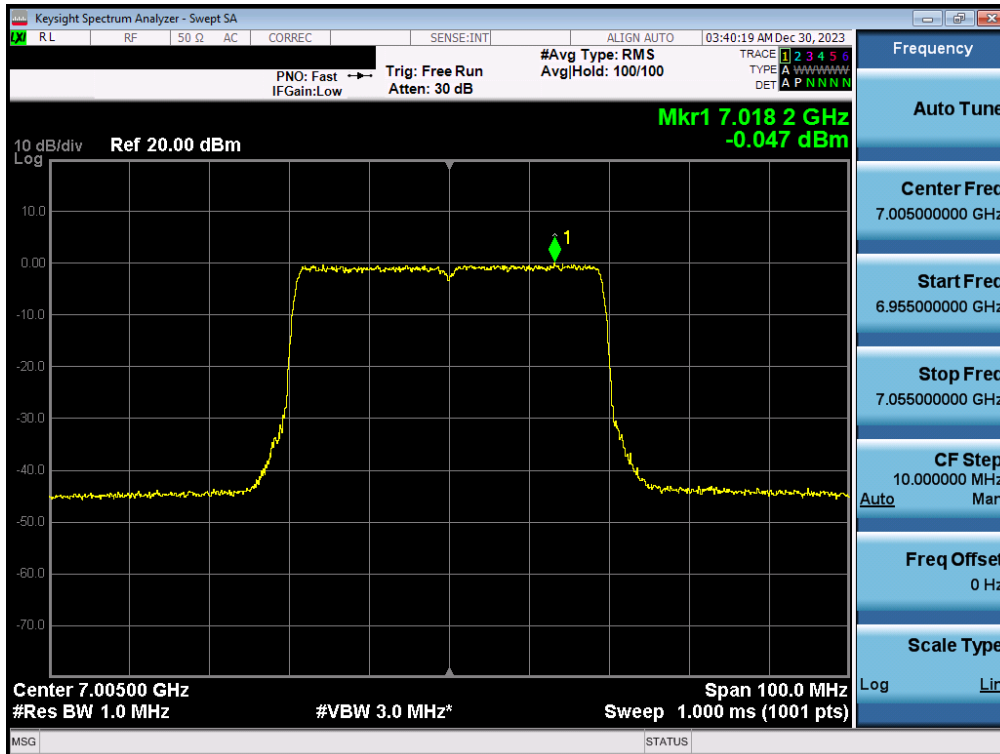
Plot 7-61. Power Spectral Density MIMO ANT1 (320MHz 802.11be (UNII Band 7/8) – Ch. 175)

FCC ID: A3LSMX910 IC: 649E-SMX910	<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 1M2312180128-06.A3L	Test Dates: 12/15/2023 – 1/11/2023	EUT Type: Portable Tablet	Page 55 of 126

### MIMO Antenna-1 Power Spectral Density Measurements - (UNII Band 8)

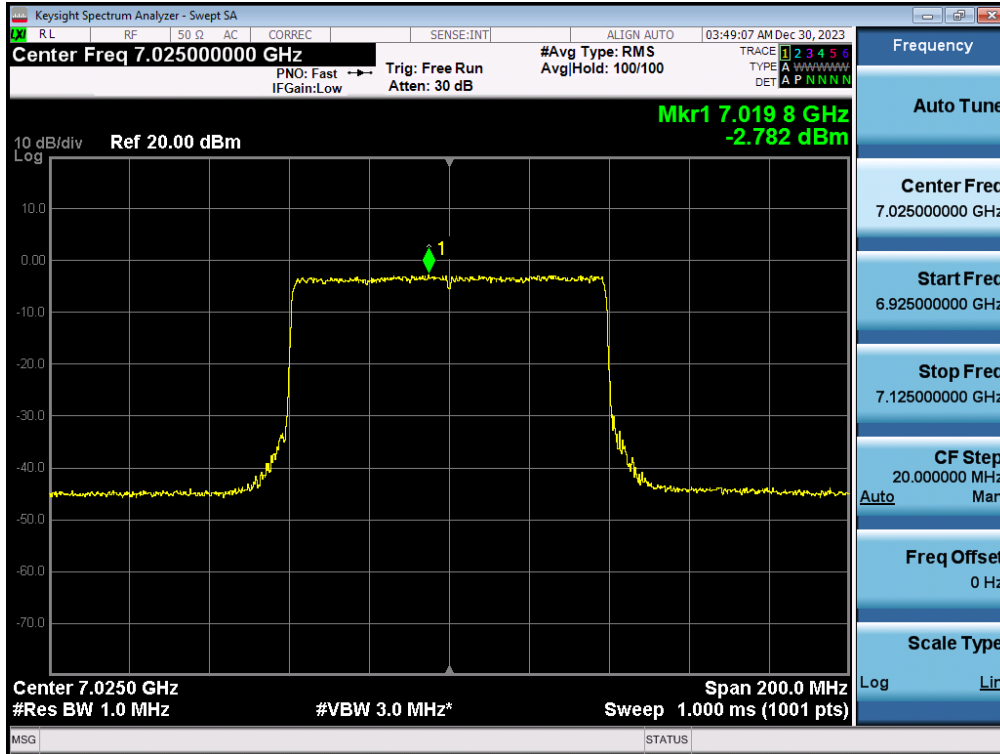


Plot 7-62. Power Spectral Density MIMO ANT1 (20MHz 802.11be (UNII Band 8) – Ch. 209)

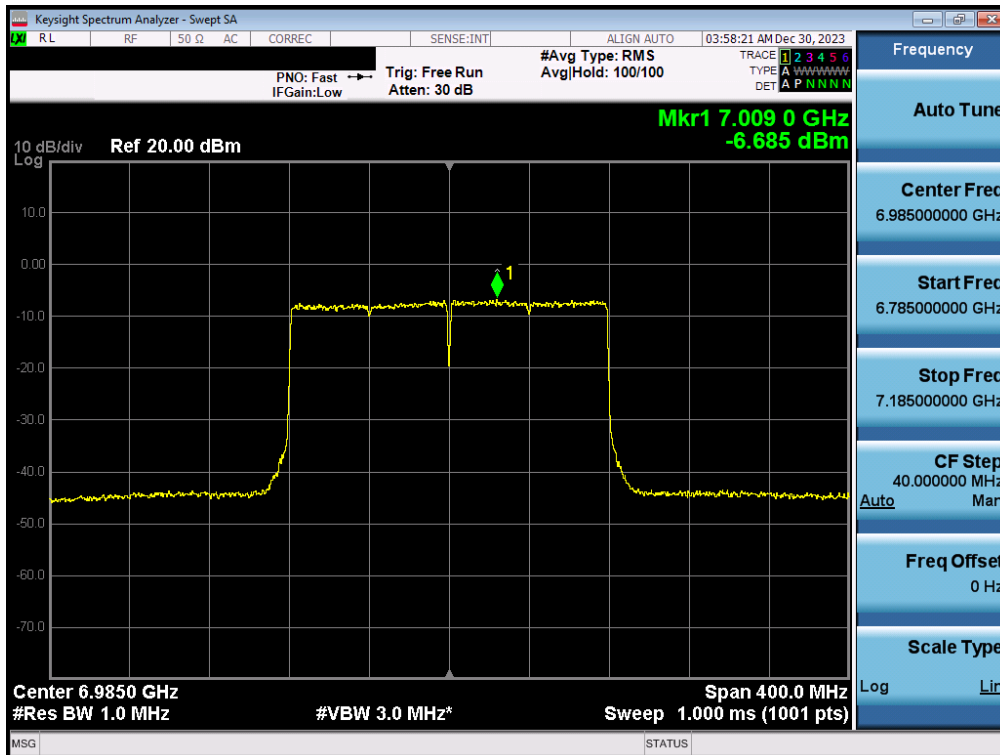


Plot 7-63. Power Spectral Density MIMO ANT1 (40MHz 802.11be (UNII Band 8) – Ch. 211)

FCC ID: A3LSMX910 IC: 649E-SMX910	<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 1M2312180128-06.A3L	Test Dates: 12/15/2023 – 1/11/2023	EUT Type: Portable Tablet	Page 56 of 126

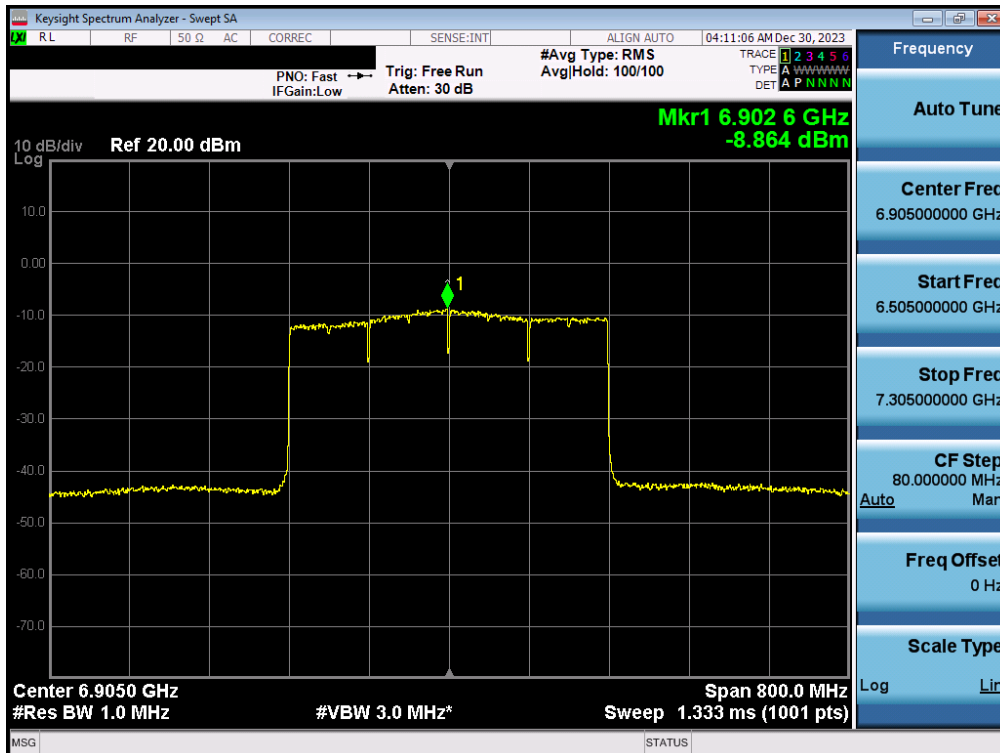


Plot 7-64. Power Spectral Density MIMO ANT1 (80MHz 802.11be (UNII Band 8) – Ch. 215)



Plot 7-65. Power Spectral Density MIMO ANT1 (160MHz 802.11be (UNII Band 8) – Ch. 207)

FCC ID: A3LSMX910 IC: 649E-SMX910	<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 1M2312180128-06.A3L	Test Dates: 12/15/2023 – 1/11/2023	EUT Type: Portable Tablet	Page 57 of 126

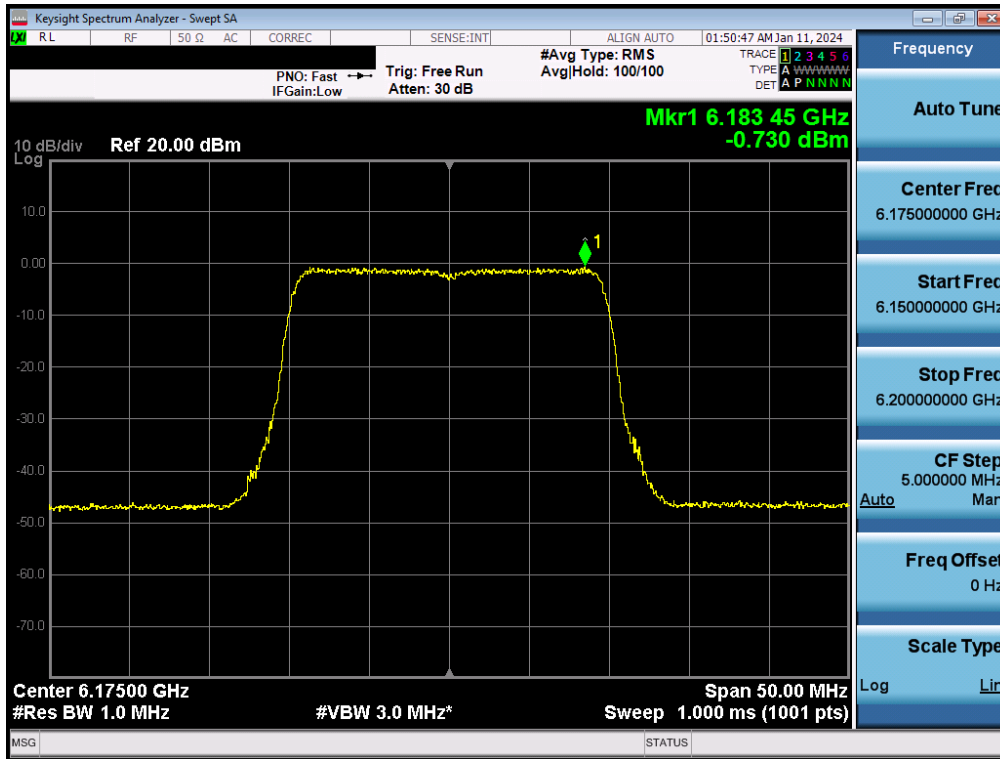


Plot 7-66. Power Spectral Density MIMO ANT1 (320MHz 802.11be (UNII Band 7/8) – Ch. 191)

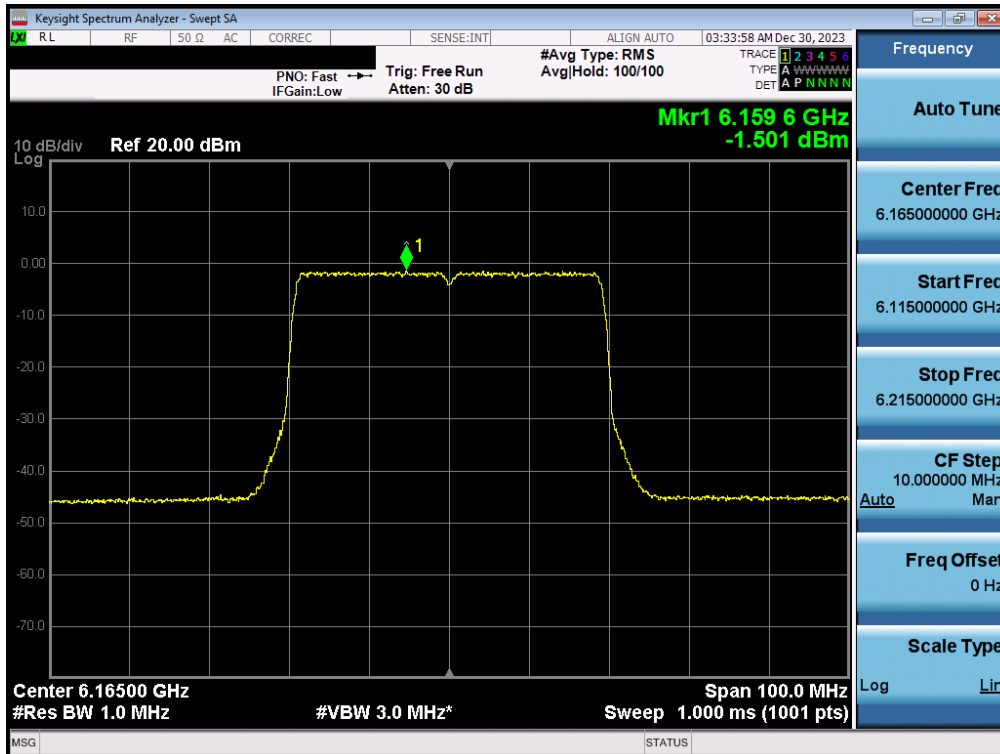
FCC ID: A3LSMX910 IC: 649E-SMX910	<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 1M2312180128-06.A3L	Test Dates: 12/15/2023 – 1/11/2023	EUT Type: Portable Tablet	Page 58 of 126



## MIMO Antenna-2 Power Spectral Density Measurements - (UNII Band 5)

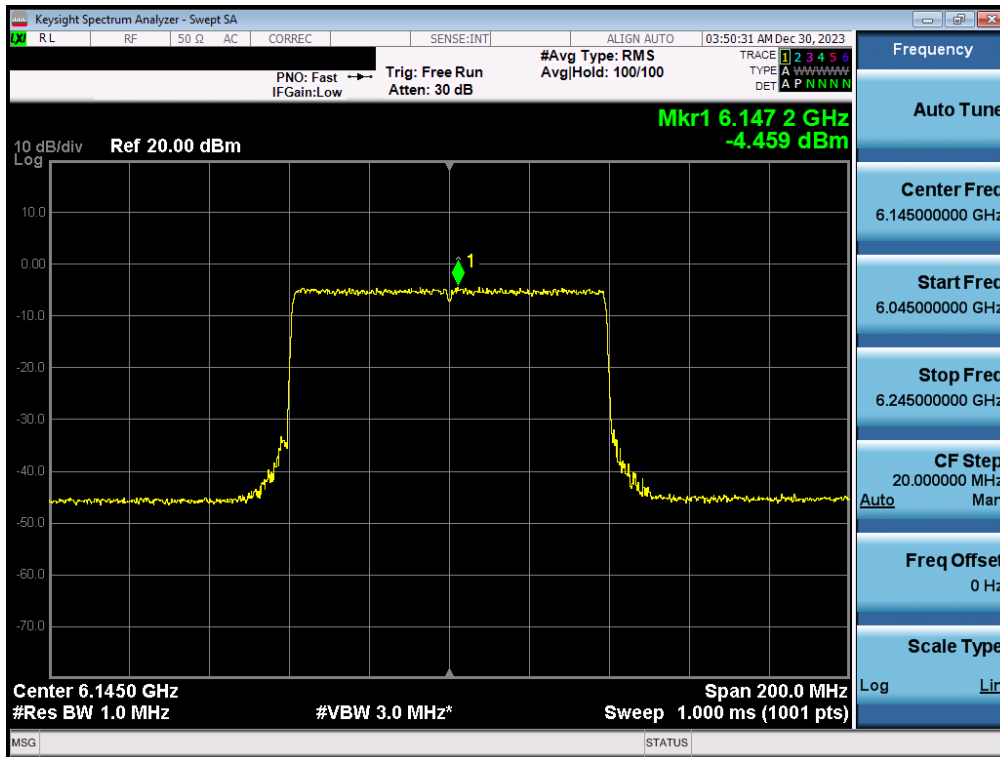


Plot 7-67. Power Spectral Density MIMO ANT2 (20MHz 802.11be (UNII Band 5) – Ch. 45)

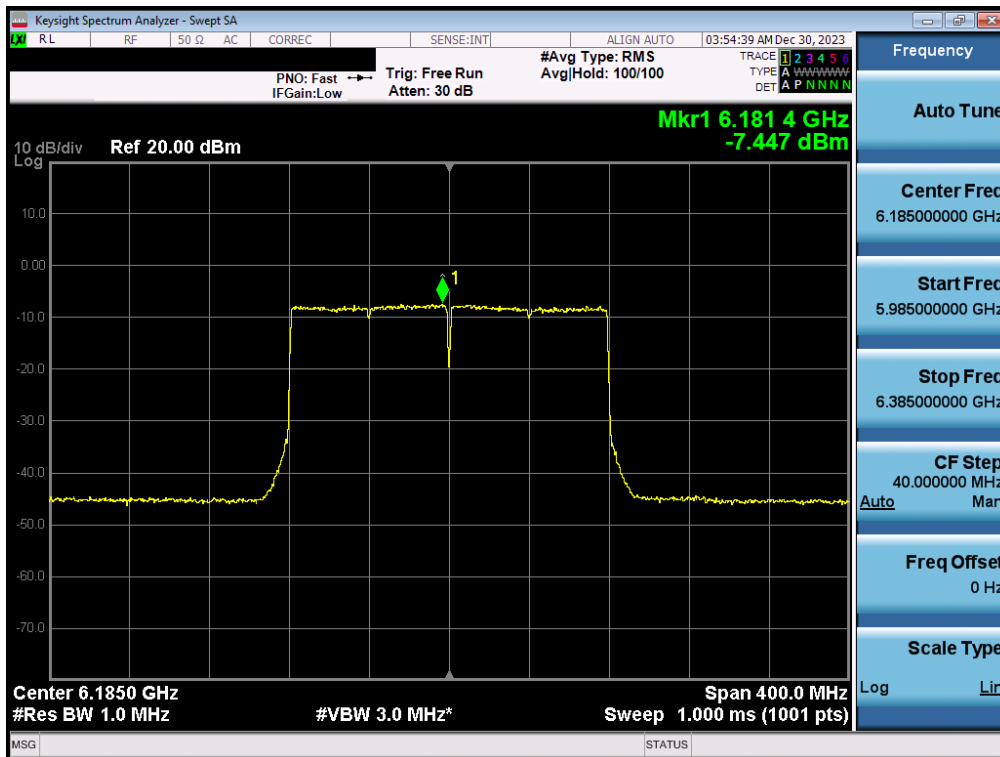


Plot 7-68. Power Spectral Density MIMO ANT2 (40MHz 802.11be (UNII Band 5) – Ch. 43)

FCC ID: A3LSMX910 IC: 649E-SMX910	<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 1M2312180128-06.A3L	Test Dates: 12/15/2023 – 1/11/2023	EUT Type: Portable Tablet	Page 59 of 126

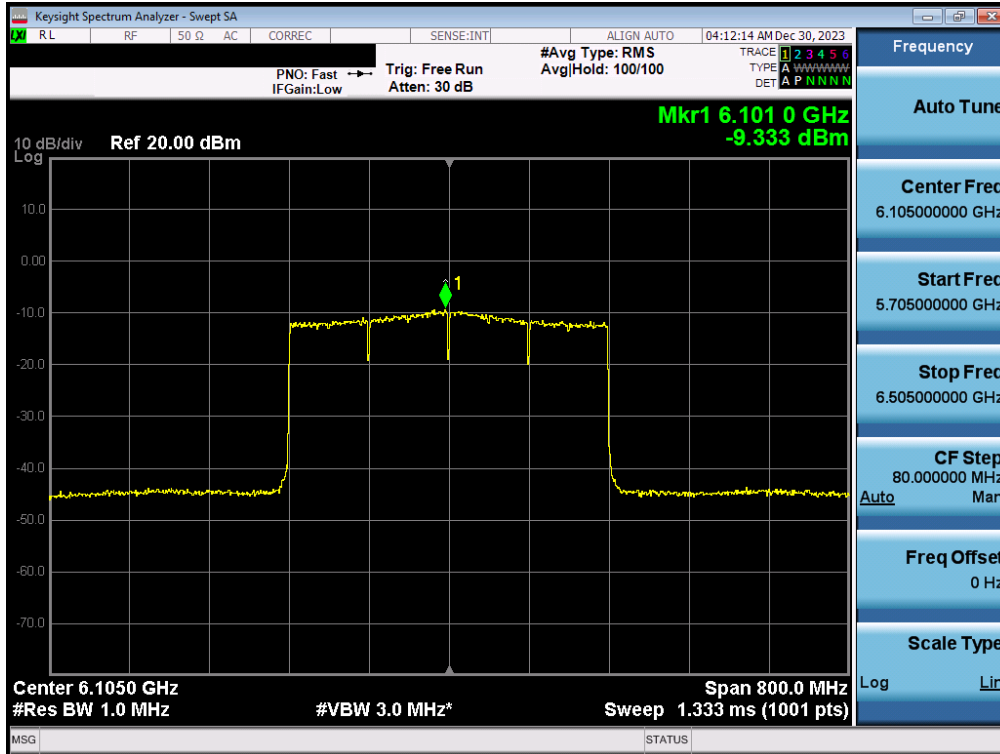


Plot 7-69. Power Spectral Density MIMO ANT2 (80MHz 802.11be (UNII Band 5) – Ch. 39)

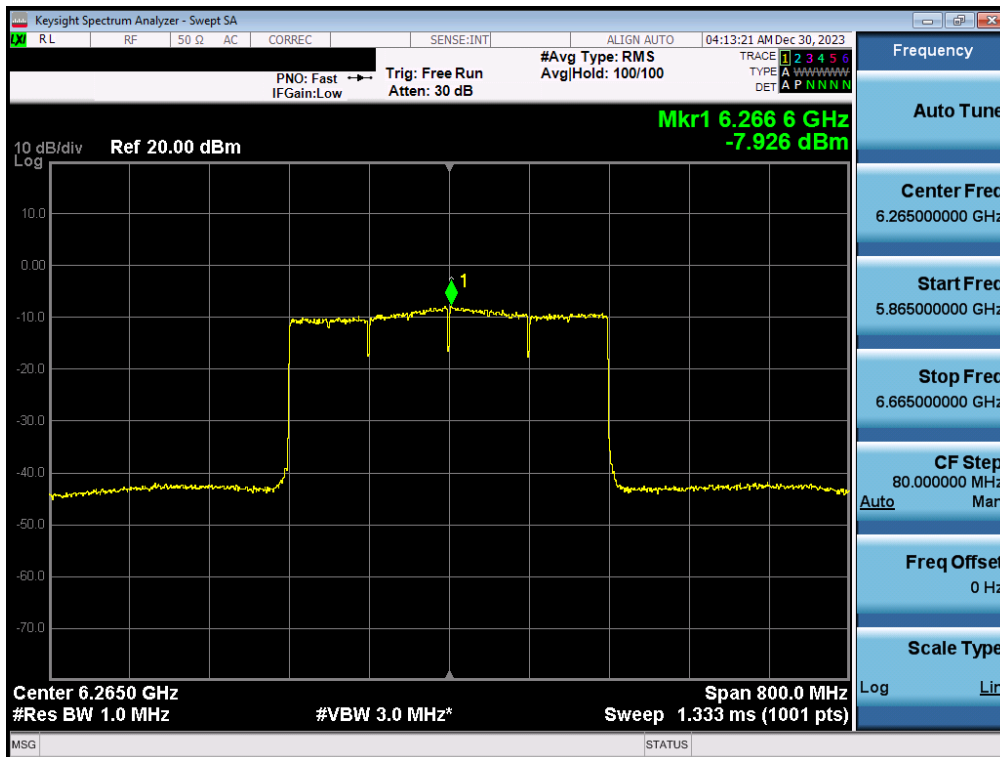


Plot 7-70. Power Spectral Density MIMO ANT2 (160MHz 802.11be (UNII Band 5) – Ch. 47)

FCC ID: A3LSMX910 IC: 649E-SMX910	<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 1M2312180128-06.A3L	Test Dates: 12/15/2023 – 1/11/2023	EUT Type: Portable Tablet	Page 60 of 126



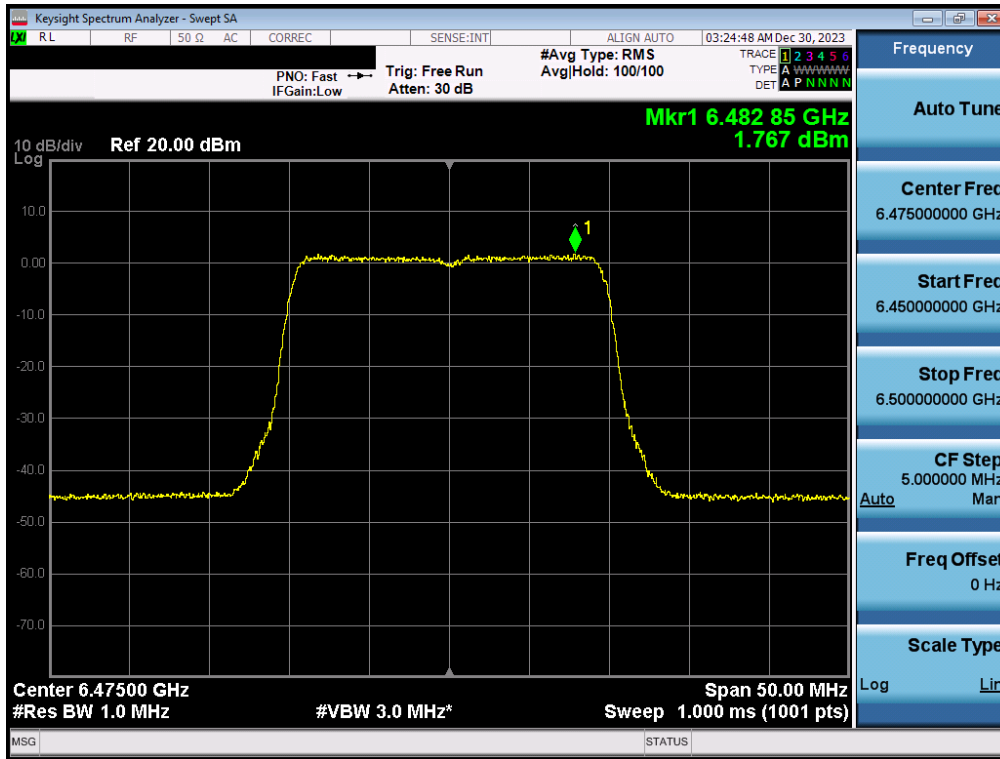
Plot 7-71. Power Spectral Density MIMO ANT2 (320MHz 802.11be (UNII Band 5) – Ch. 31)



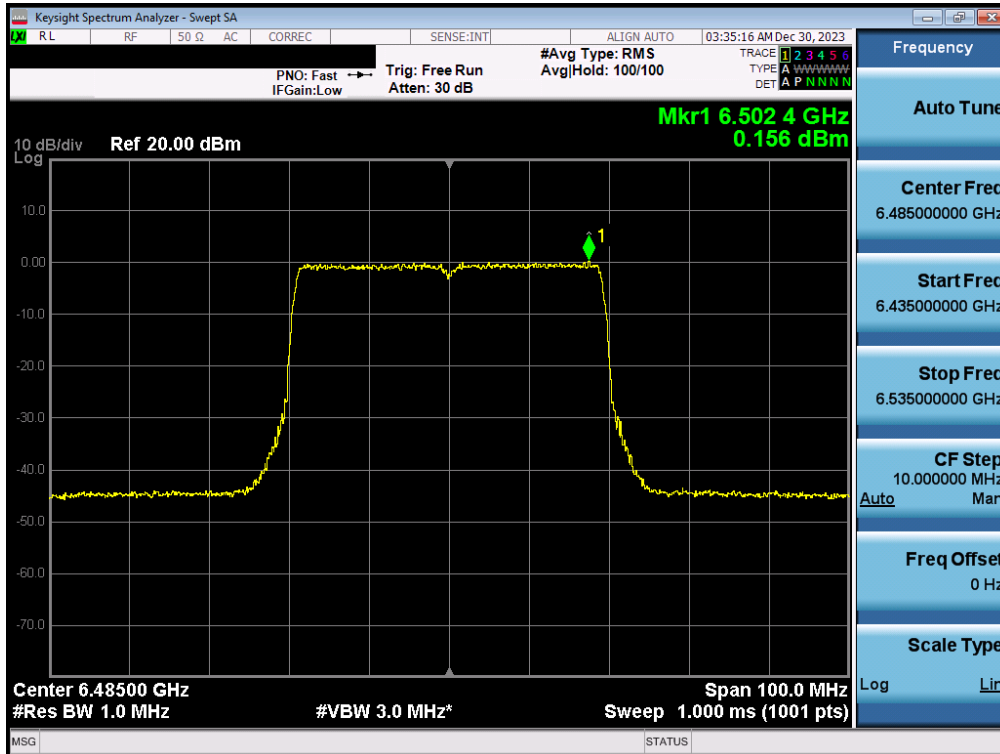
Plot 7-72. Power Spectral Density MIMO ANT2 (320MHz 802.11be (UNII Band 5) – Ch. 63)

FCC ID: A3LSMX910 IC: 649E-SMX910	<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 1M2312180128-06.A3L	Test Dates: 12/15/2023 – 1/11/2023	EUT Type: Portable Tablet	Page 61 of 126

## MIMO Antenna-2 Power Spectral Density Measurements - (UNII Band 6)

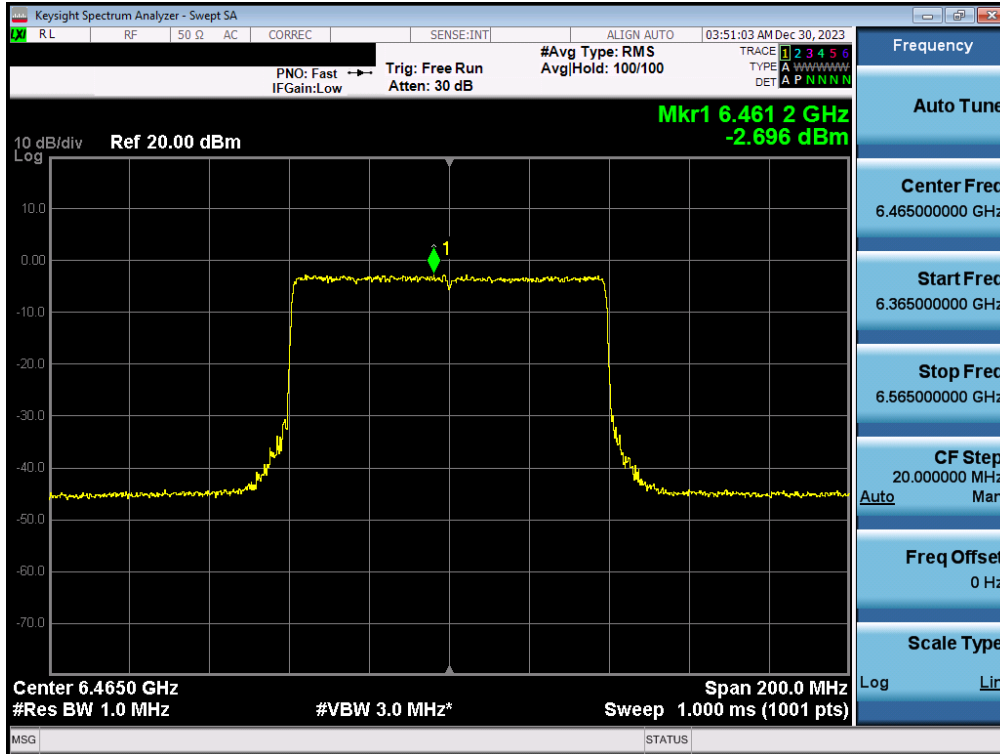


Plot 7-73. Power Spectral Density MIMO ANT2 (20MHz 802.11be (UNII Band 6) – Ch. 105)

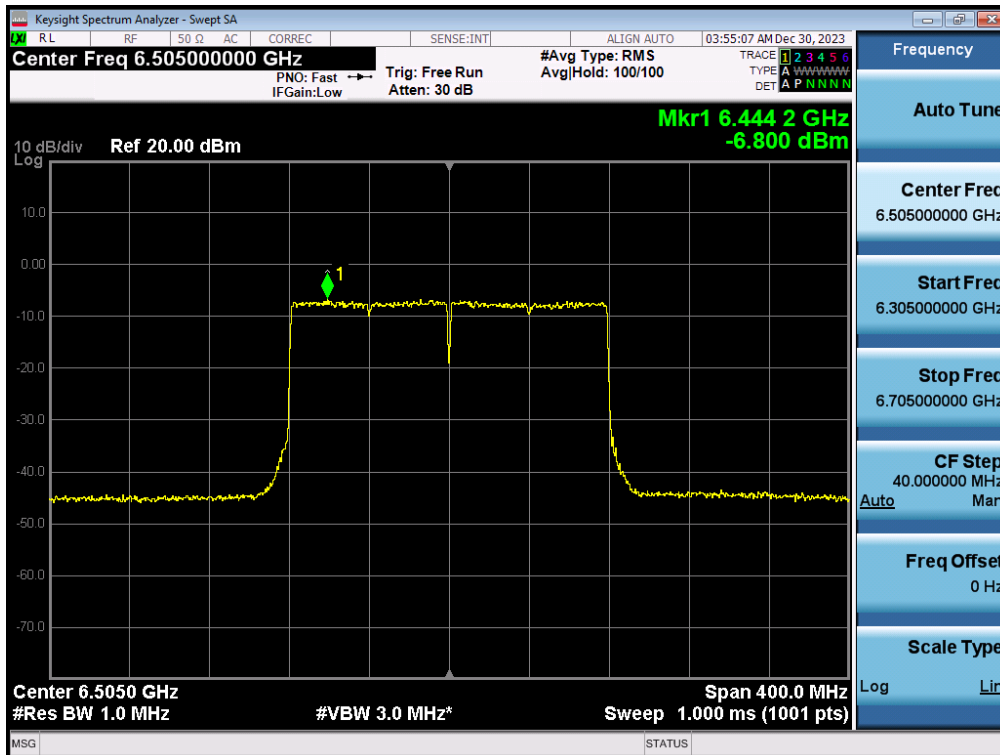


Plot 7-74. Power Spectral Density MIMO ANT2 (40MHz 802.11be (UNII Band 6) – Ch. 107)

FCC ID: A3LSMX910 IC: 649E-SMX910	<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 1M2312180128-06.A3L	Test Dates: 12/15/2023 – 1/11/2023	EUT Type: Portable Tablet	Page 62 of 126

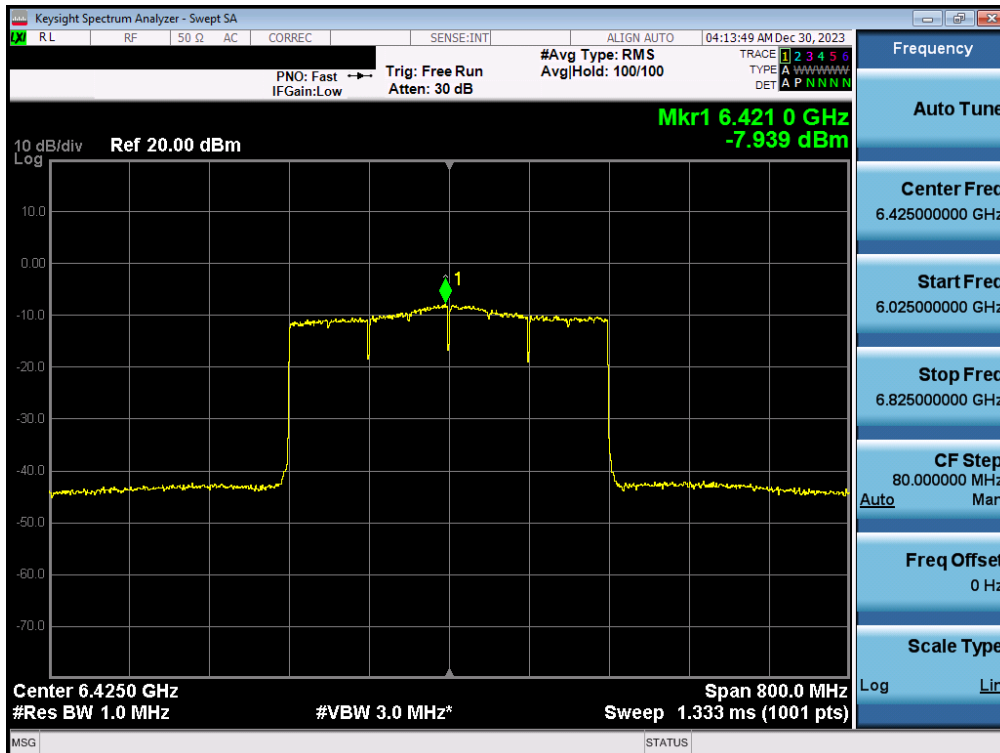


Plot 7-75. Power Spectral Density MIMO ANT2 (80MHz 802.11be (UNII Band 6) – Ch. 103)



Plot 7-76. Power Spectral Density MIMO ANT2 (160MHz 802.11be (UNII Band 6) – Ch. 111)

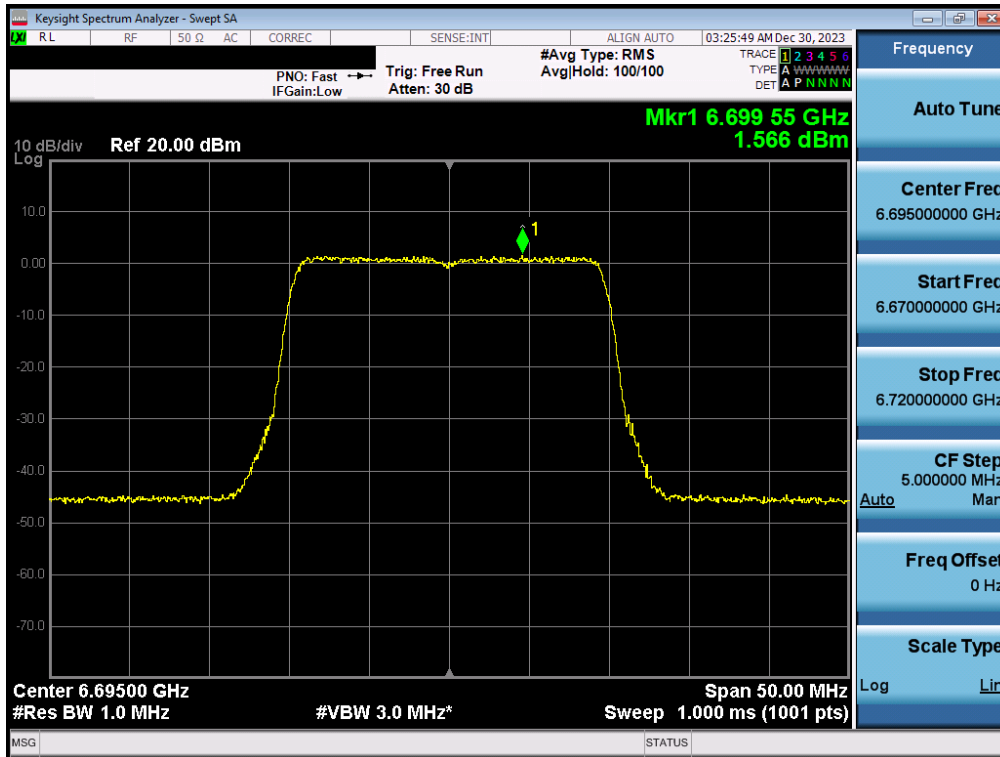
FCC ID: A3LSMX910 IC: 649E-SMX910	<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 1M2312180128-06.A3L	Test Dates: 12/15/2023 – 1/11/2023	EUT Type: Portable Tablet	Page 63 of 126



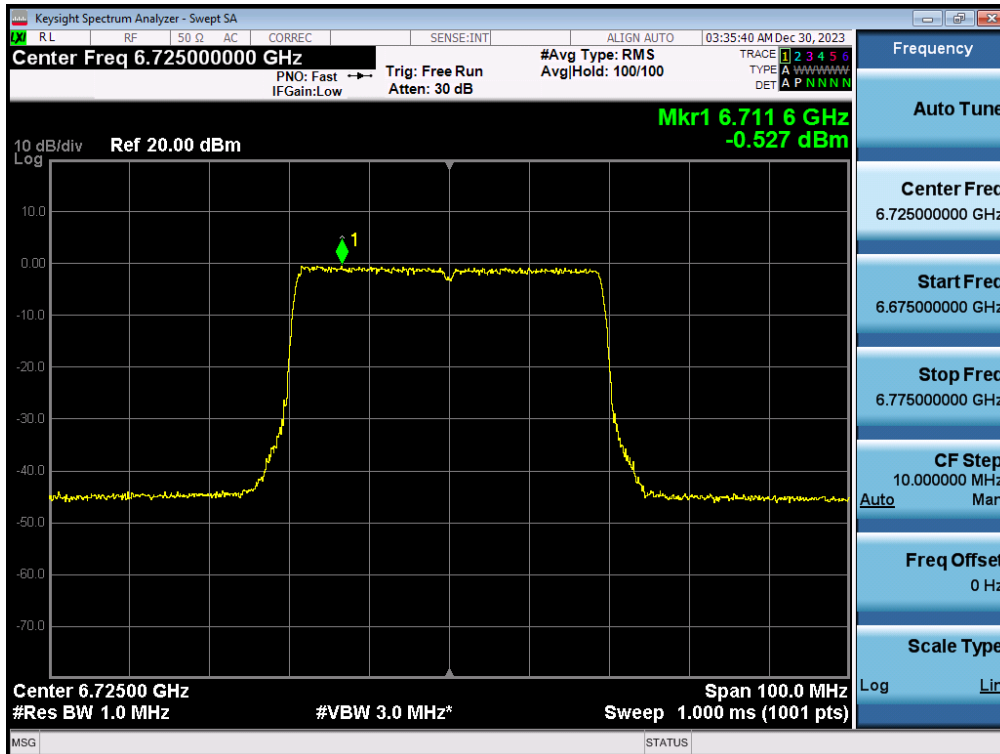
Plot 7-77. Power Spectral Density MIMO ANT2 (320MHz 802.11be (UNII Band 5/6/7) – Ch. 95)

FCC ID: A3LSMX910 IC: 649E-SMX910	<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 1M2312180128-06.A3L	Test Dates: 12/15/2023 – 1/11/2023	EUT Type: Portable Tablet	Page 64 of 126

## MIMO Antenna-2 Power Spectral Density Measurements - (UNII Band 7)



Plot 7-78. Power Spectral Density MIMO ANT2 (20MHz 802.11be (UNII Band 7) – Ch. 149)



Plot 7-79. Power Spectral Density MIMO ANT2 (40MHz 802.11be (UNII Band 7) – Ch. 155)

FCC ID: A3LSMX910 IC: 649E-SMX910	<b>MEASUREMENT REPORT</b> (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 1M2312180128-06.A3L	Test Dates: 12/15/2023 – 1/11/2023	EUT Type: Portable Tablet	Page 65 of 126