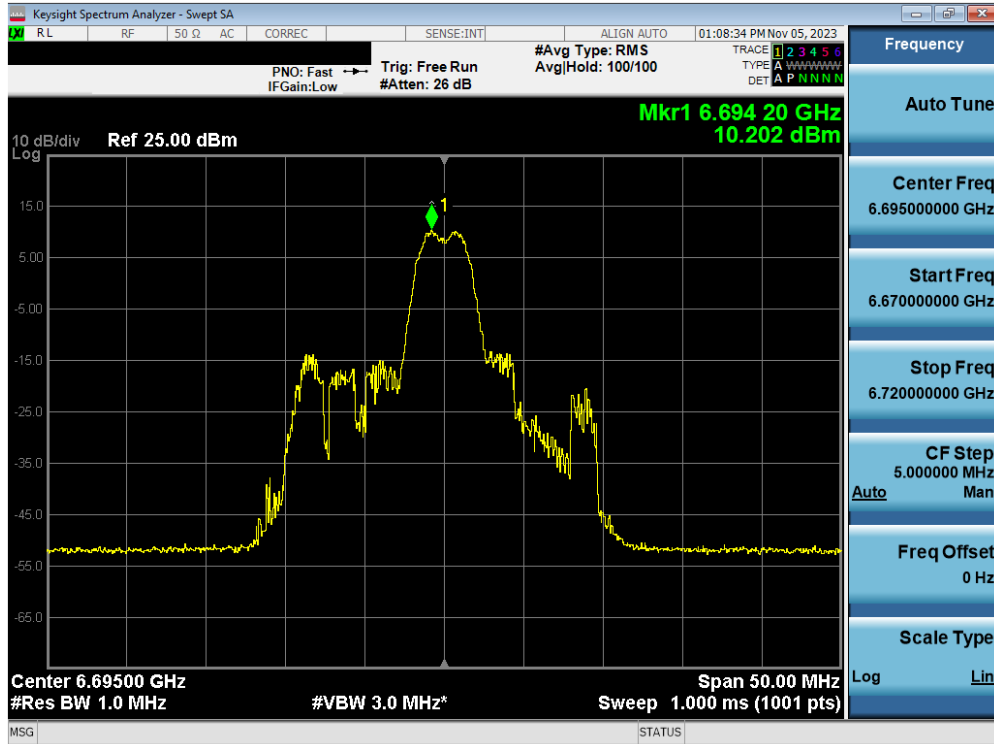


Plot 7-214. Power Spectral Density Plot MIMO ANT2 (320MHz BW 802.11ax/be (MRU) (UNII Band 7) – Ch. 159) – LPI – 3x996T

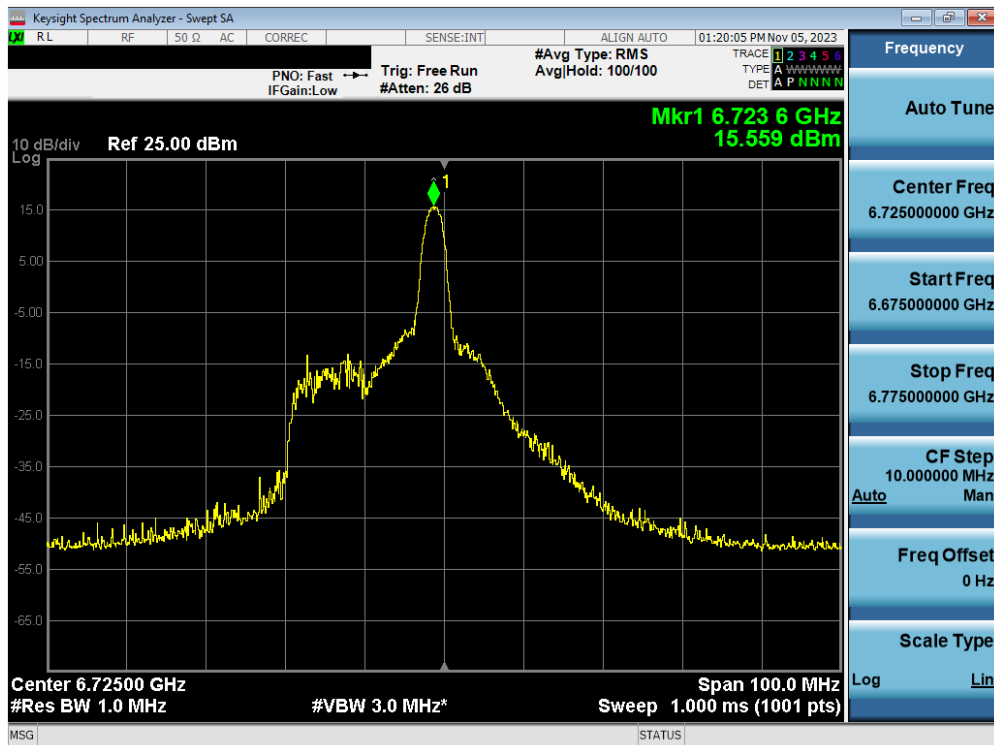


Plot 7-215. Power Spectral Density Plot MIMO ANT2 (320MHz BW 802.11ax/be (MRU) (UNII Band 7) – Ch. 159) – LPI – 3x996+484T

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2312110124-19-R1.A3L	Test Dates: 9/6/2023 - 11/06/2023	EUT Type: Portable Handset	Page 154 of 316

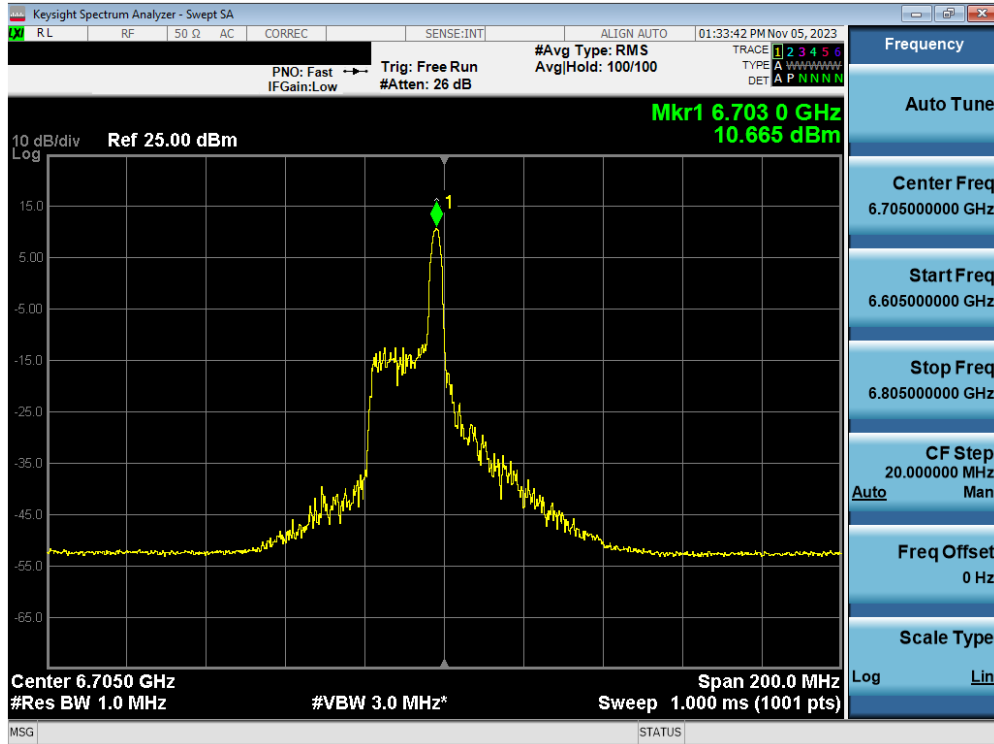


Plot 7-216. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax/be (26 Tones) (UNII Band 7) – Ch. 149) – SP

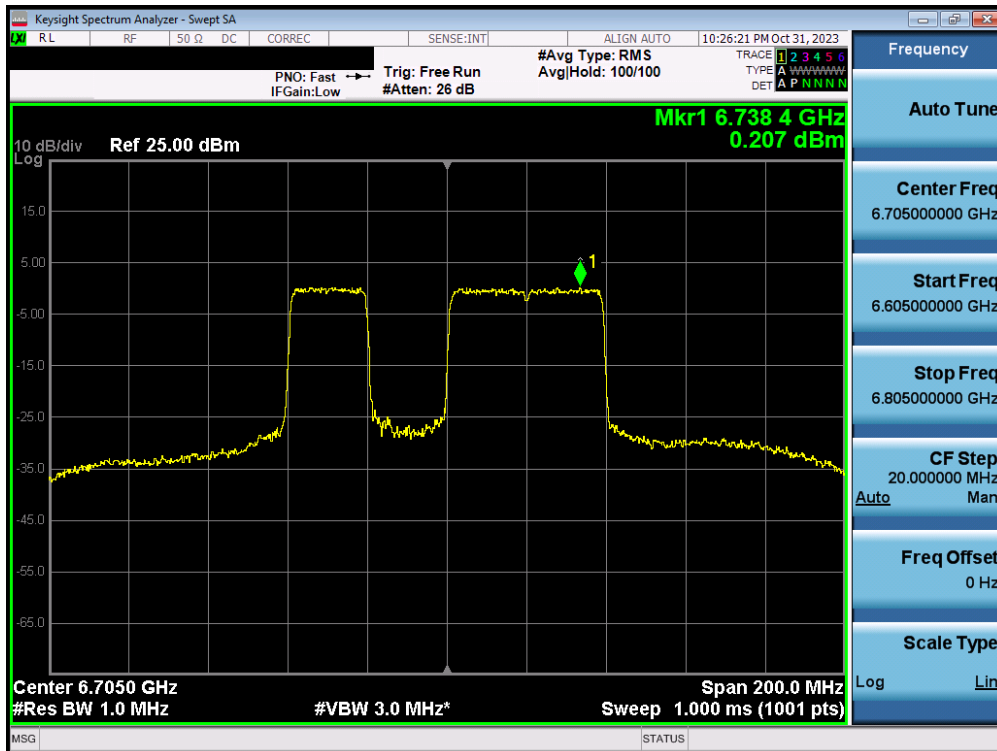


Plot 7-217. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax/be (26 Tones) (UNII Band 7) – Ch. 155) – SP

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT		Approved by:
Test Report S/N:	Test Dates:	EUT Type:		Technical Manager
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset		Page 155 of 316

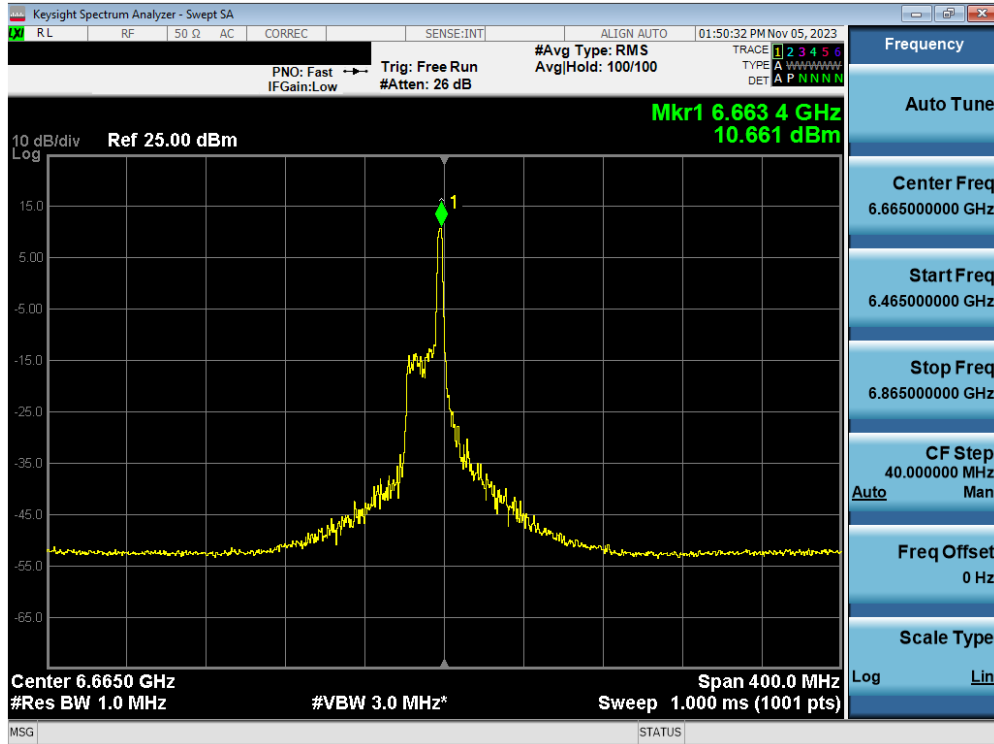


Plot 7-218. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax/be (26 Tones) (UNII Band 7) – Ch. 151) – SP

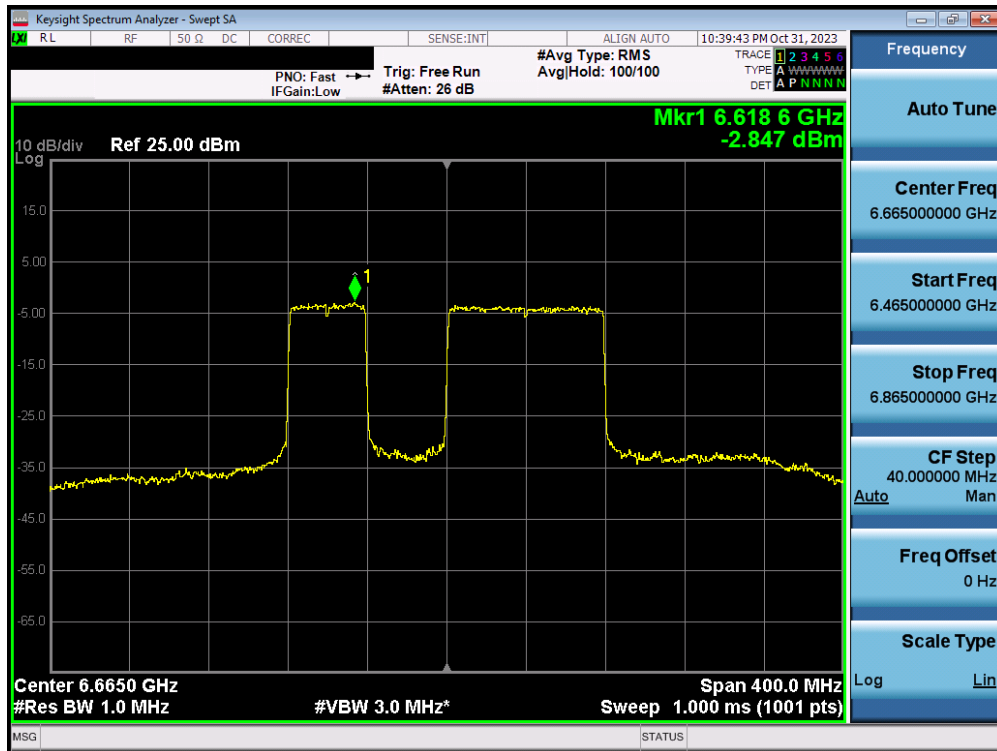


Plot 7-219. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax/be (MRU) (UNII Band 7) – Ch. 151) – SP – 484+242T

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2312110124-19-R1.A3L	Test Dates: 9/6/2023 - 11/06/2023	EUT Type: Portable Handset	Page 156 of 316

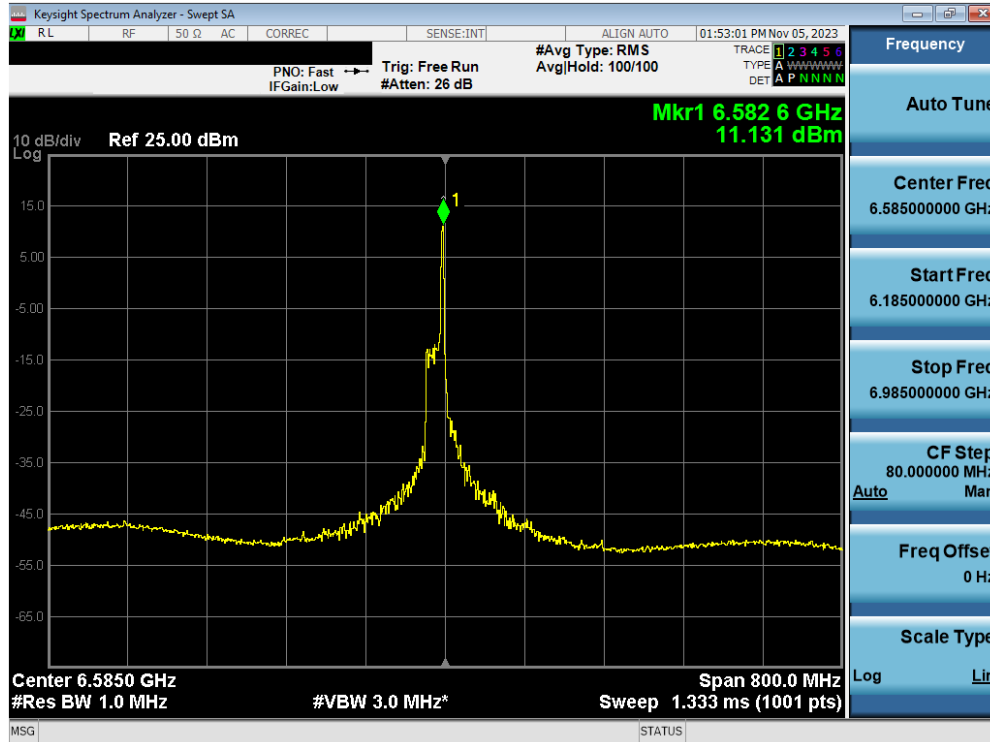


Plot 7-220. Power Spectral Density Plot MIMO ANT2 (160MHz BW 802.11ax/be (26 Tones) (UNII Band 7) – Ch. 143) – SP



Plot 7-221. Power Spectral Density Plot MIMO ANT2 (160MHz BW 802.11ax/be (MRU) (UNII Band 7) – Ch. 143) – SP – 996+484T

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2312110124-19-R1.A3L	Test Dates: 9/6/2023 - 11/06/2023	EUT Type: Portable Handset	Page 157 of 316



Plot 7-222. Power Spectral Density Plot MIMO ANT2 (320MHz BW 802.11ax/be (26 Tones) (UNII Band 6/7) – Ch. 127) – SP

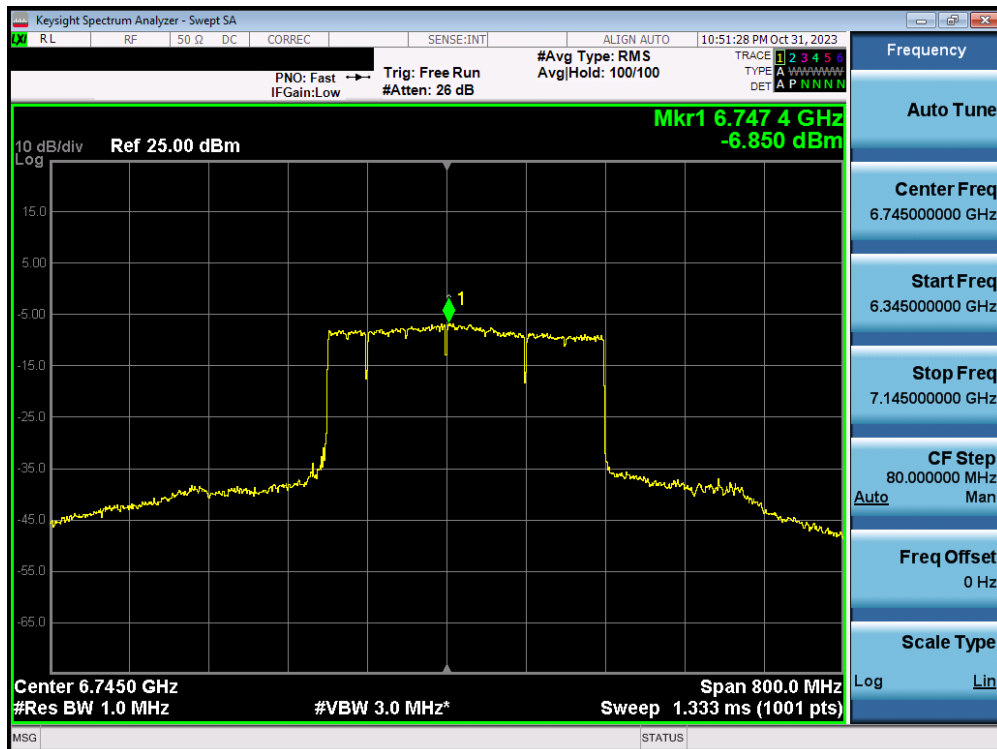


Plot 7-223. Power Spectral Density Plot MIMO ANT2 (320MHz BW 802.11ax/be (MRU) (UNII Band 7) – Ch. 159) – SP – 2x996+484T

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2312110124-19-R1.A3L	Test Dates: 9/6/2023 - 11/06/2023	EUT Type: Portable Handset	Page 158 of 316



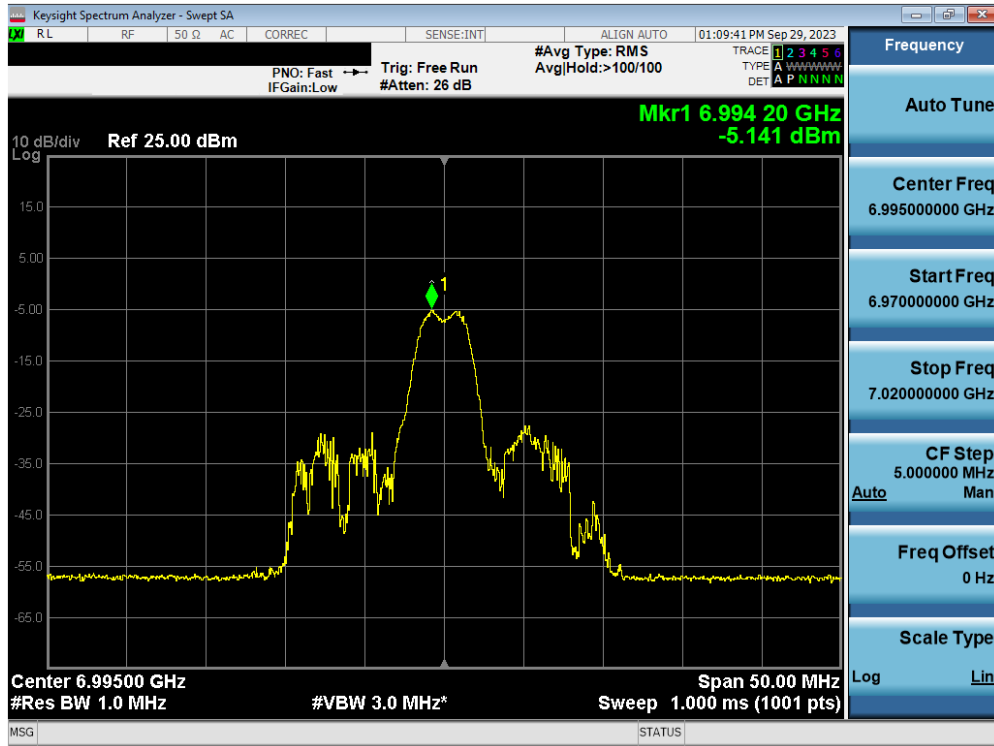
Plot 7-224. Power Spectral Density Plot MIMO ANT2 (320MHz BW 802.11ax/be (MRU) (UNII Band 7) – Ch. 159) – SP – 3x996T



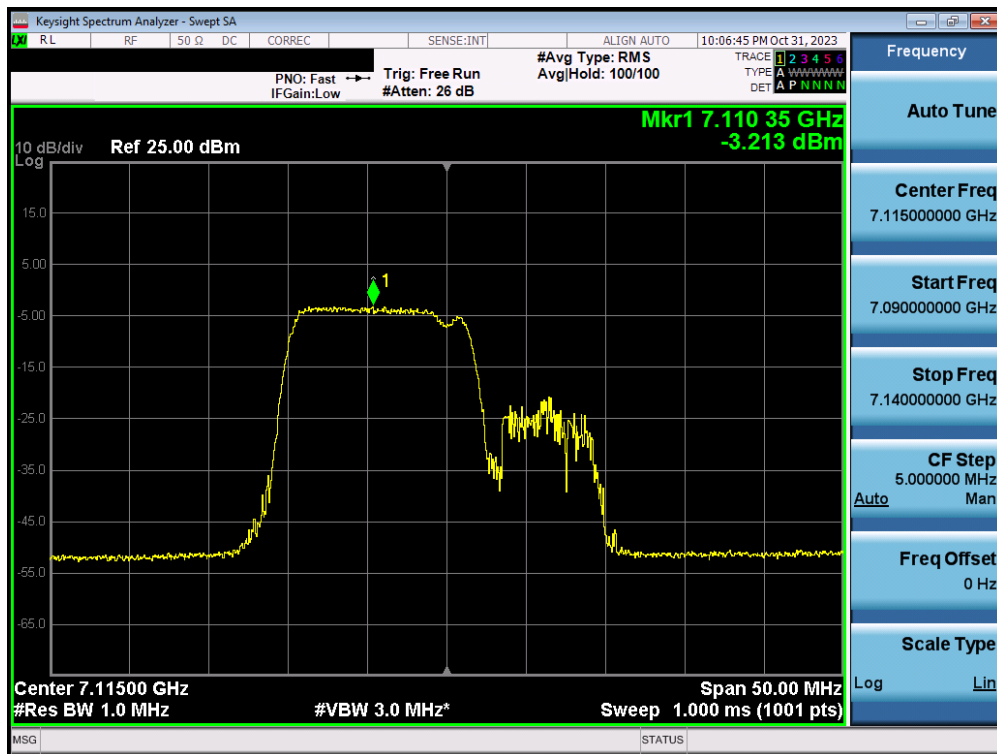
Plot 7-225. Power Spectral Density Plot MIMO ANT2 (320MHz BW 802.11ax/be (MRU) (UNII Band 7) – Ch. 159) – SP – 3x996+484T

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
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## MIMO Antenna-2 Power Spectral Measurements - (Partial Tones) – (UNII Band 8)



Plot 7-226. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax/be (26 Tones) (UNII Band 8) – Ch. 209) – LPI



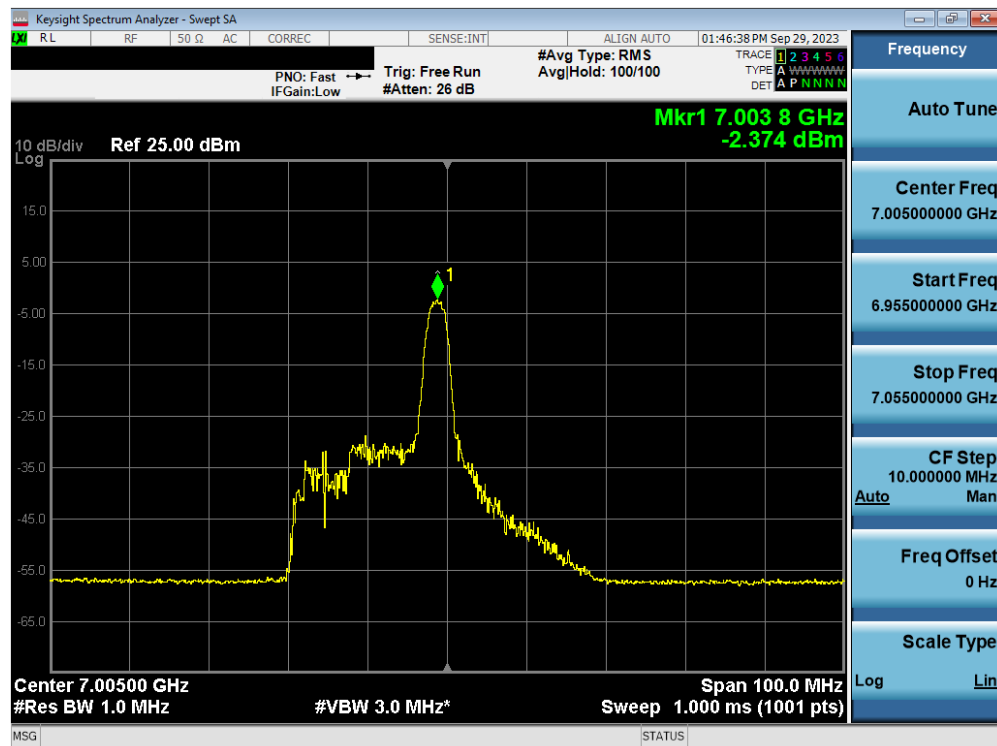
Plot 7-227. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax/be (MRU) (UNII Band 8) – Ch. 233) – LPI – 106+26T

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2312110124-19-R1.A3L	Test Dates: 9/6/2023 - 11/06/2023	EUT Type: Portable Handset	Page 160 of 316



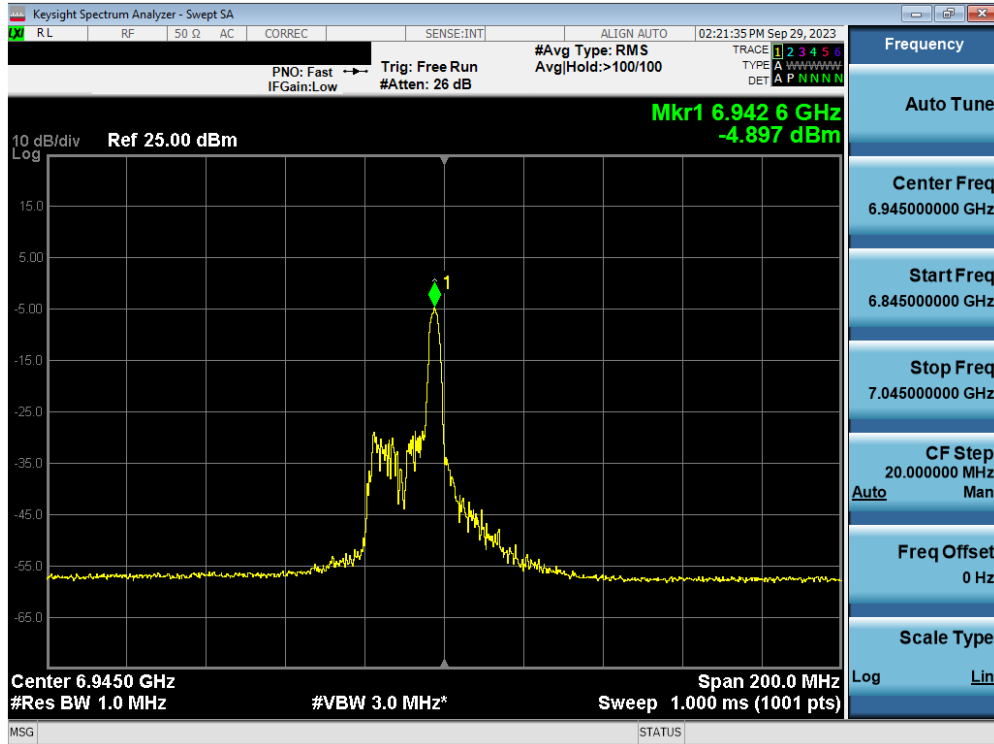


Plot 7-228. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax/be (MRU) (UNII Band 8) – Ch. 209) – LPI – 52+26T

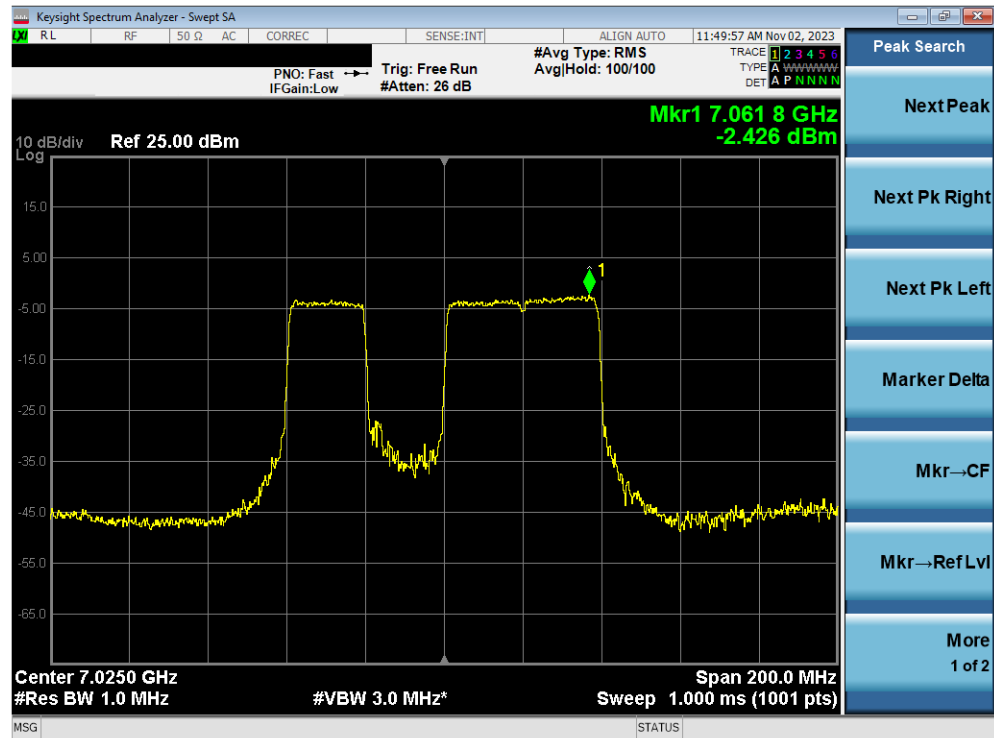


Plot 7-229. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax/be (26 Tones) (UNII Band 8) – Ch. 211) – LPI

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2312110124-19-R1.A3L	Test Dates: 9/6/2023 - 11/06/2023	EUT Type: Portable Handset	Page 161 of 316

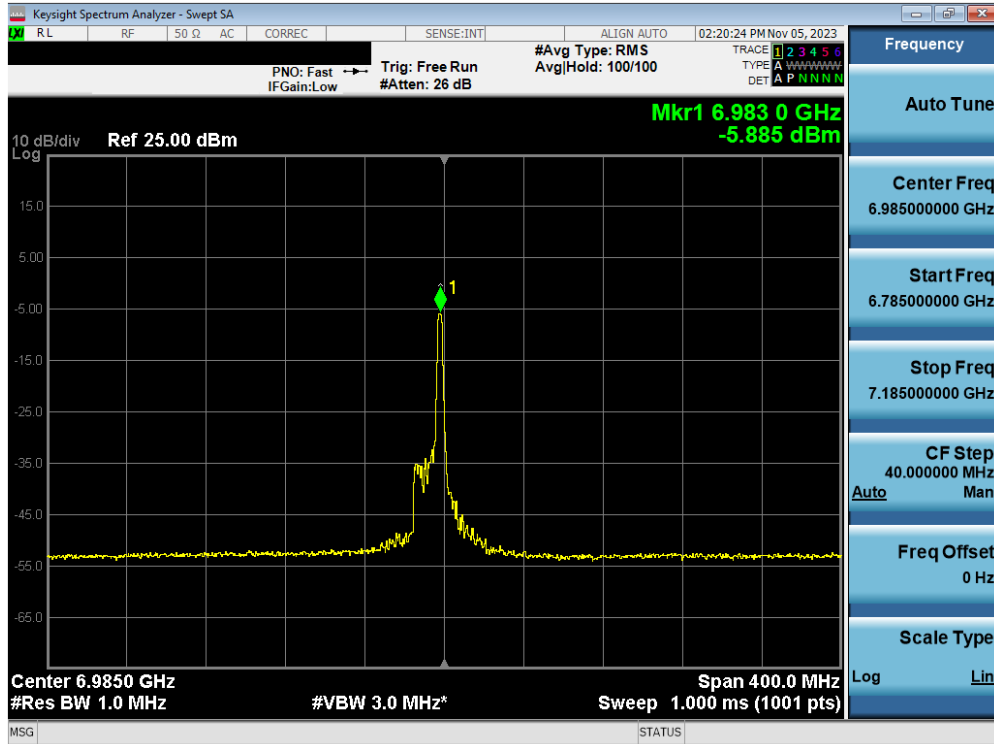


Plot 7-230. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax/be (26 Tones) (UNII Band 8) – Ch. 199) – LPI

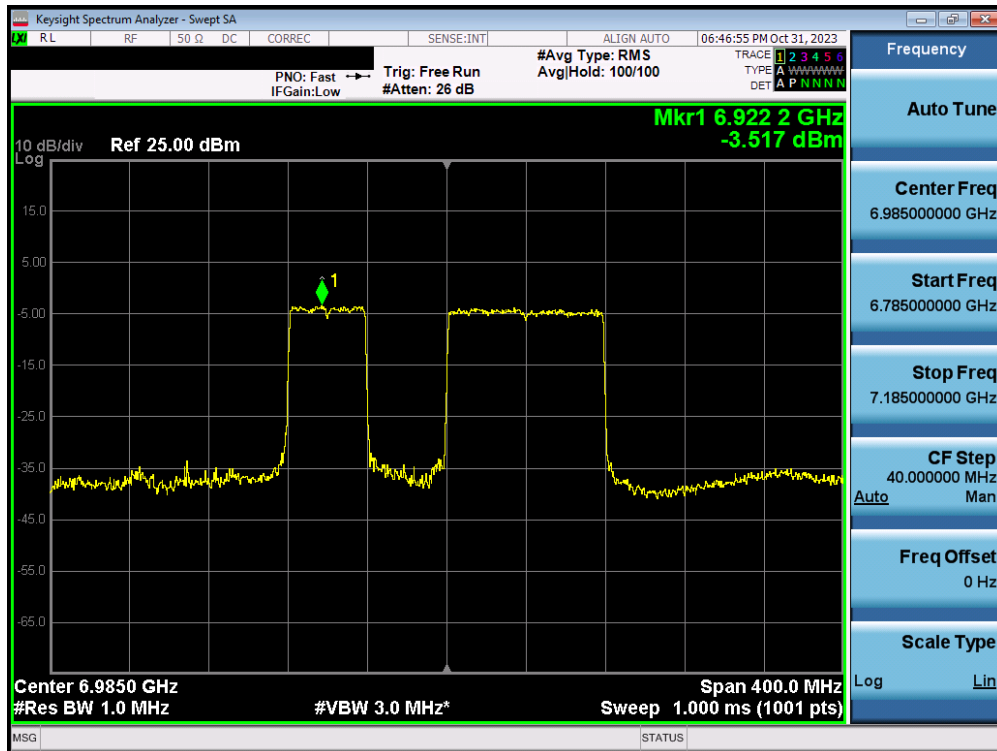


Plot 7-231. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax/be (MRU) (UNII Band 8) – Ch. 215) – LPI – 484+242T

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2312110124-19-R1.A3L	Test Dates: 9/6/2023 - 11/06/2023	EUT Type: Portable Handset	Page 162 of 316

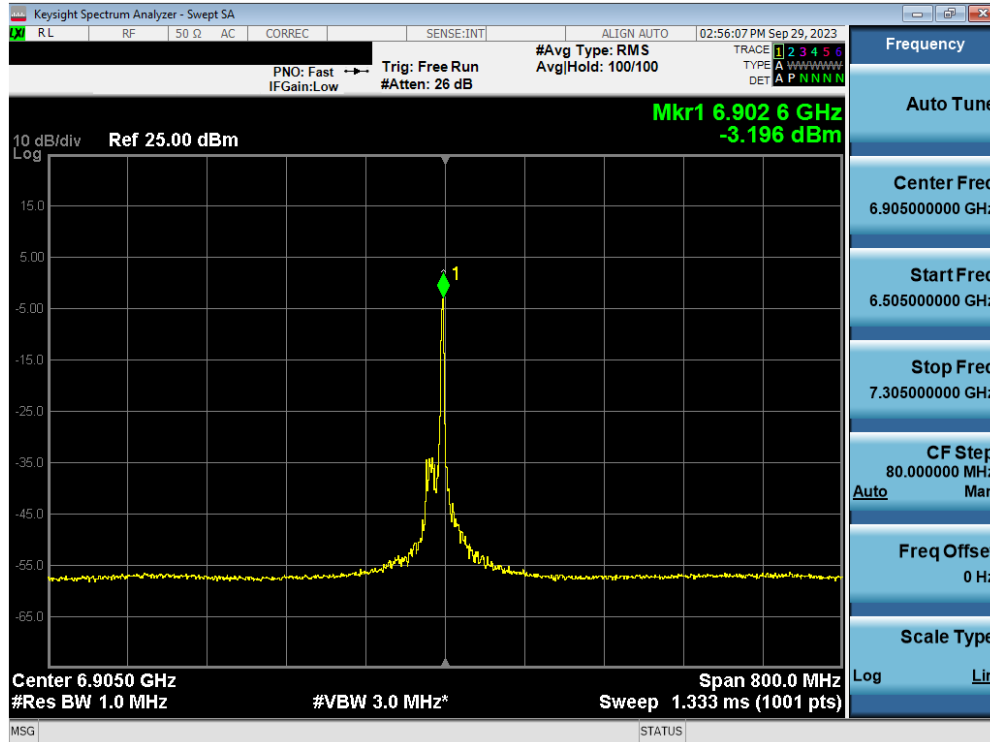


Plot 7-232. Power Spectral Density Plot MIMO ANT2 (160MHz BW 802.11ax/be (26 Tones) (UNII Band 8) – Ch. 207) – LPI

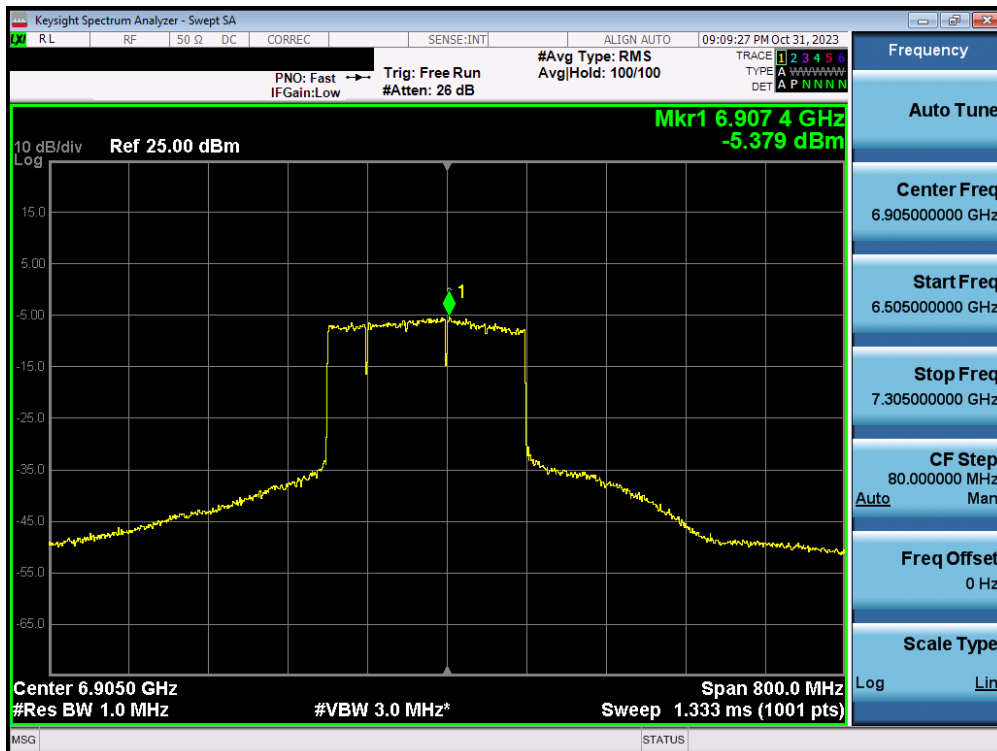


Plot 7-233. Power Spectral Density Plot MIMO ANT2 (160MHz BW 802.11ax/be (MRU) (UNII Band 8) – Ch. 207) – LPI – 996+484T

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT		Approved by:
Test Report S/N:	Test Dates:	EUT Type:		Technical Manager
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Plot 7-234. Power Spectral Density Plot MIMO ANT2 (320MHz BW 802.11ax/be (26 Tones) (UNII Band 7/8) – Ch. 191) – LPI



Plot 7-235. Power Spectral Density Plot MIMO ANT2 (320MHz BW 802.11ax/be (MRU) (UNII Band 7/8) – Ch. 191) – LPI – 2x996+484T

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2312110124-19-R1.A3L	Test Dates: 9/6/2023 - 11/06/2023	EUT Type: Portable Handset	Page 164 of 316



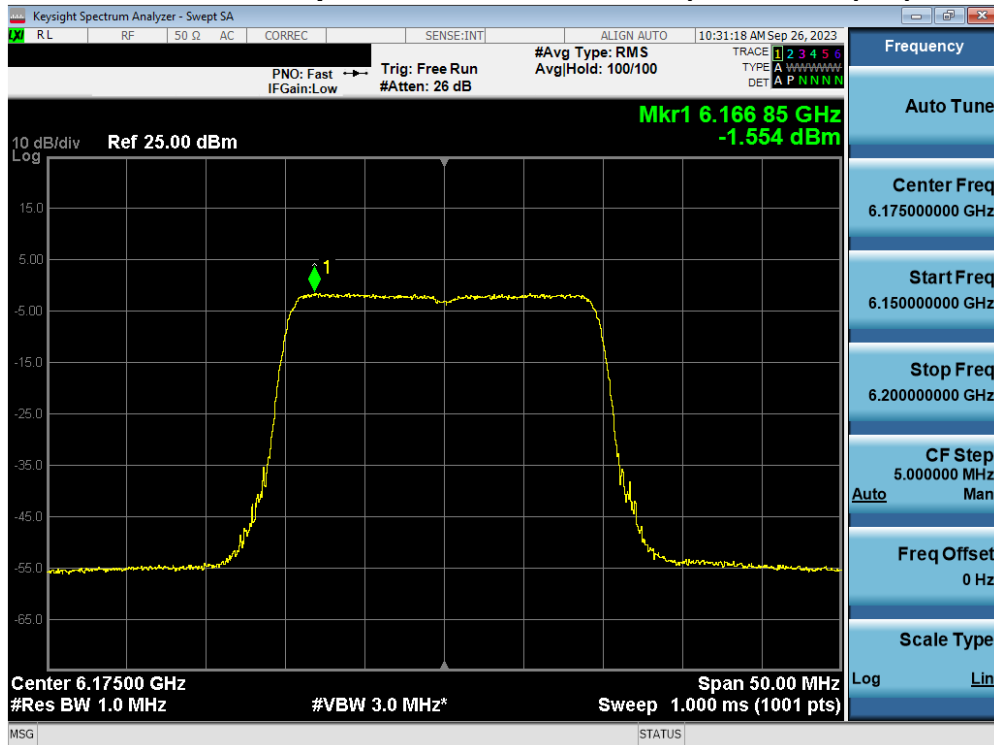
Plot 7-236. Power Spectral Density Plot MIMO ANT2 (320MHz BW 802.11ax/be (MRU) (UNII Band 7/8) – Ch. 191) – LPI – 3x996T



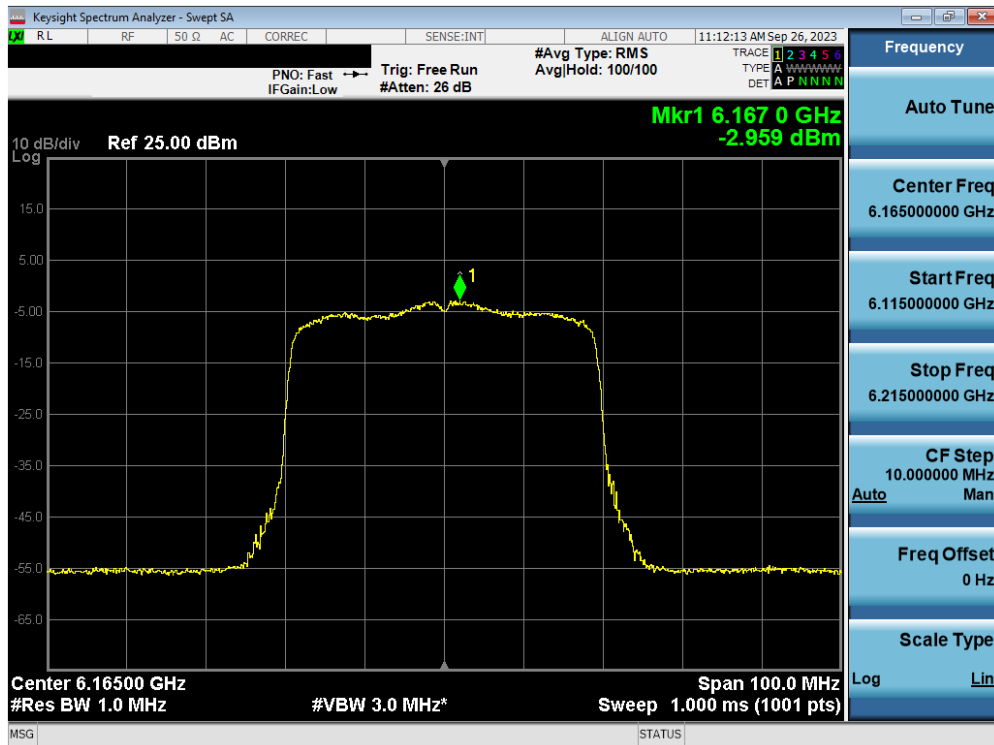
Plot 7-237. Power Spectral Density Plot MIMO ANT2 (320MHz BW 802.11ax/be (MRU) (UNII Band 7/8) – Ch. 191) – LPI – 3x996+484T

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2312110124-19-R1.A3L	Test Dates: 9/6/2023 - 11/06/2023	EUT Type: Portable Handset	Page 165 of 316

### 7.4.4 MIMO Antenna-2 Power Spectral Measurements - (Full Tones) – (UNII Band 5)

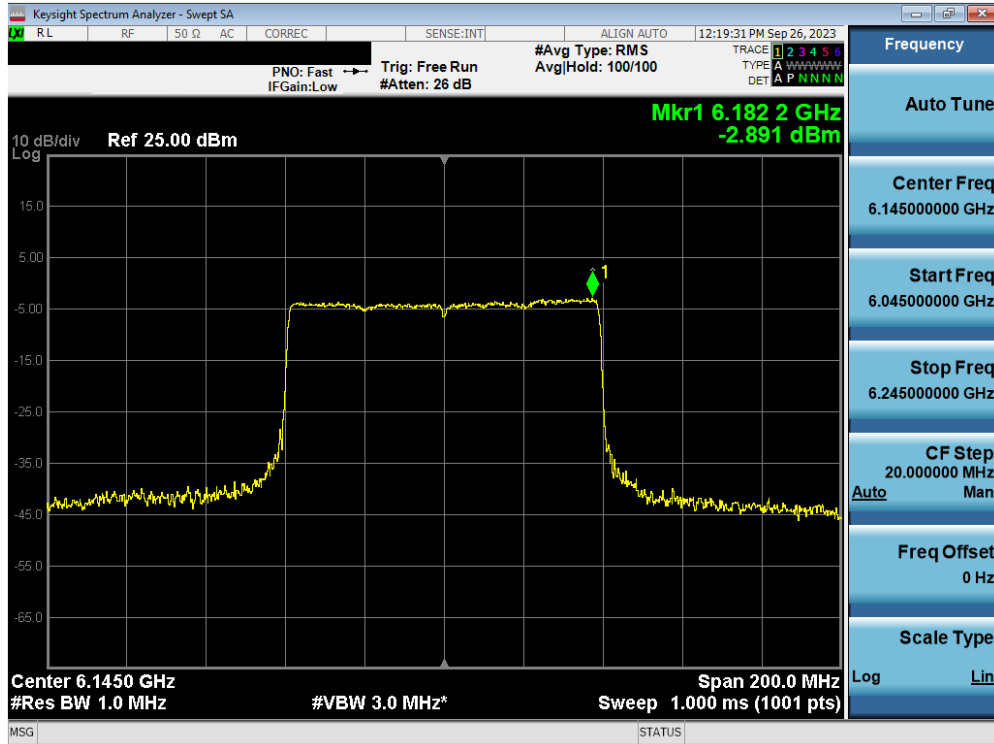


Plot 7-238. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax/be (Full Tone) (UNII Band 5) – Ch. 45) – LPI

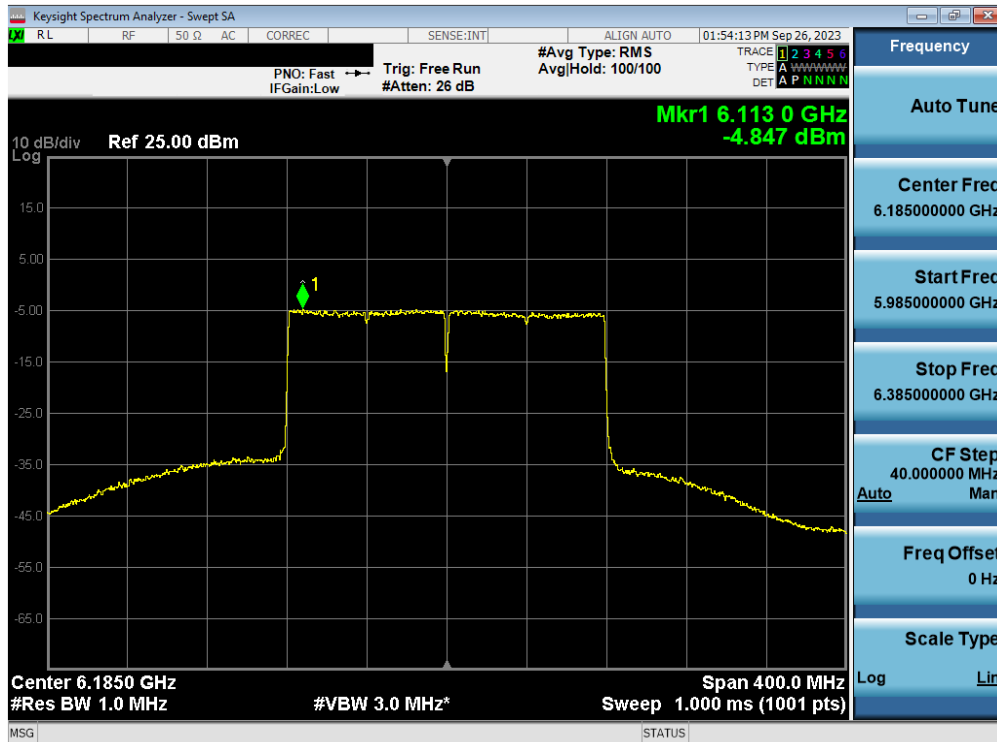


Plot 7-239. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax/be (Full Tone) (UNII Band 5) – Ch. 43) – LPI

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-240. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax/be (Full Tone) (UNII Band 5) – Ch. 39) – LPI



Plot 7-241. Power Spectral Density Plot MIMO ANT2 (160MHz BW 802.11ax/be (Full Tone) (UNII Band 5) – Ch. 47) – LPI

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2312110124-19-R1.A3L	Test Dates: 9/6/2023 - 11/06/2023	EUT Type: Portable Handset	Page 167 of 316

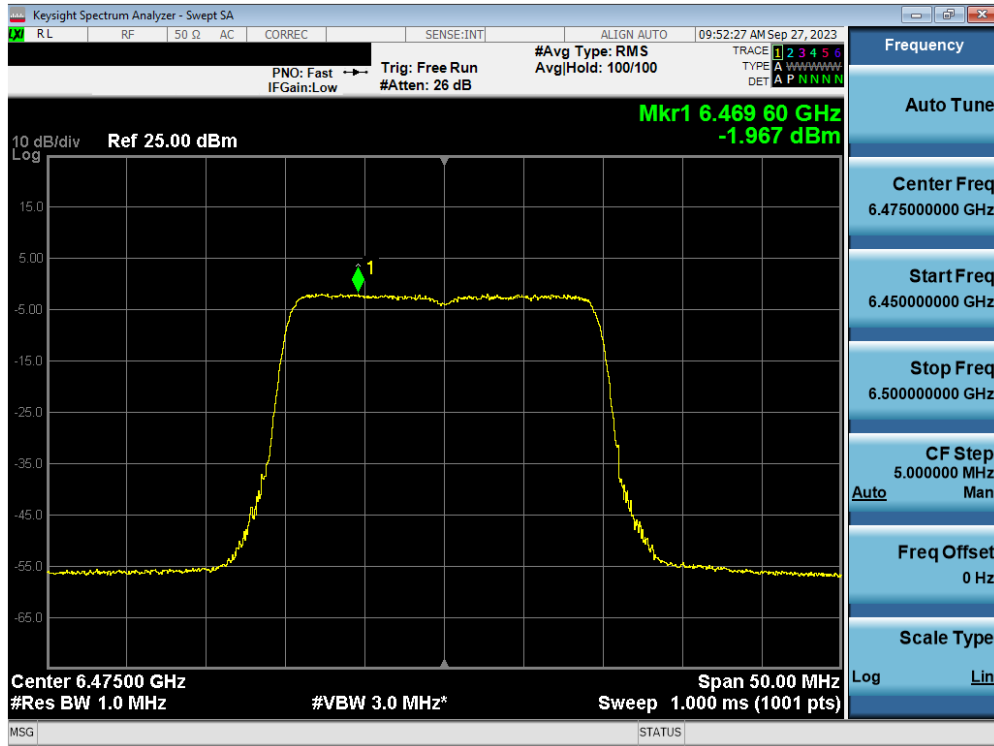


Plot 7-242. Power Spectral Density Plot MIMO ANT2 (320MHz BW 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 31) – LPI

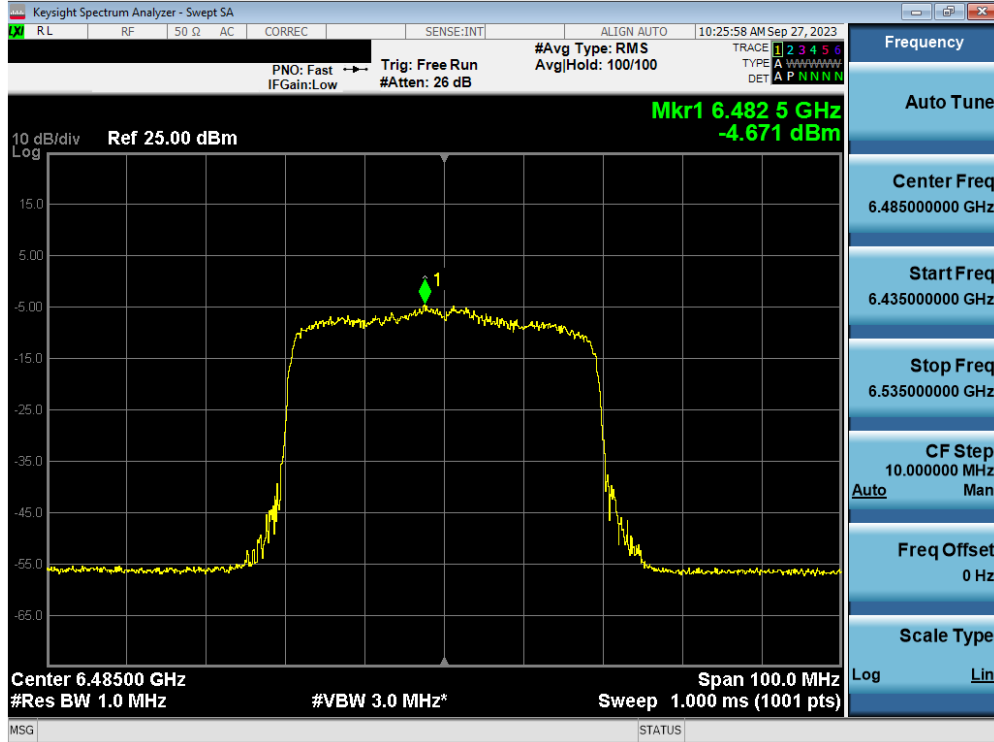
FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2312110124-19-R1.A3L	Test Dates: 9/6/2023 - 11/06/2023	EUT Type: Portable Handset	Page 168 of 316



## MIMO Antenna-2 Power Spectral Measurements - (Full Tones) – (UNII Band 6)

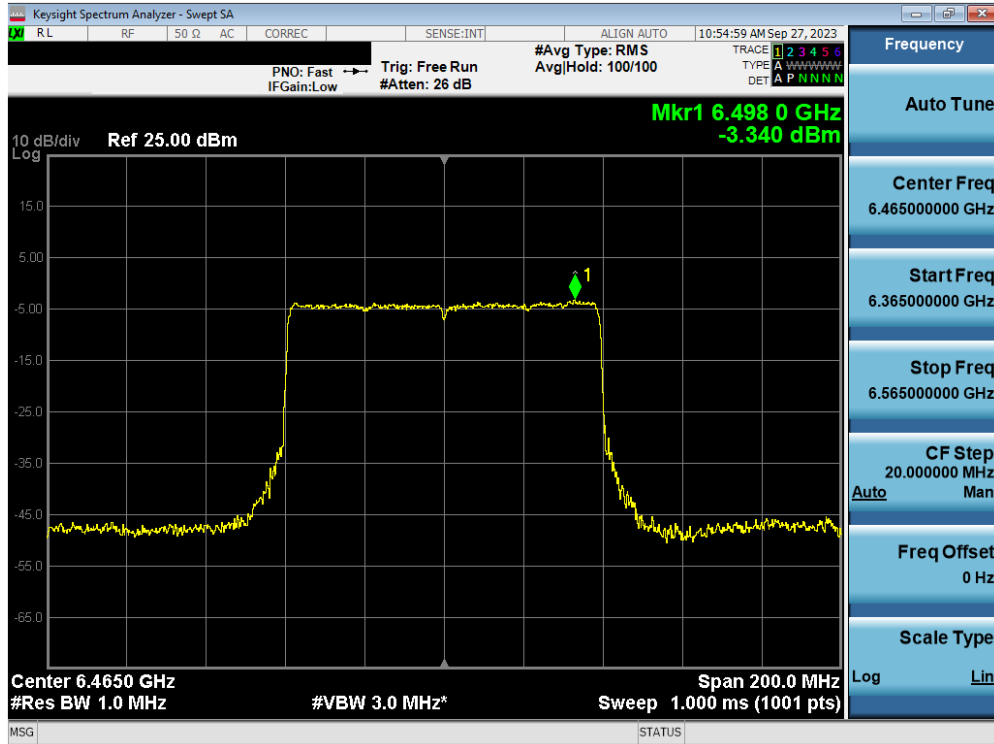


Plot 7-243. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax/be (Full Tone) (UNII Band 6) – Ch. 105) – LPI

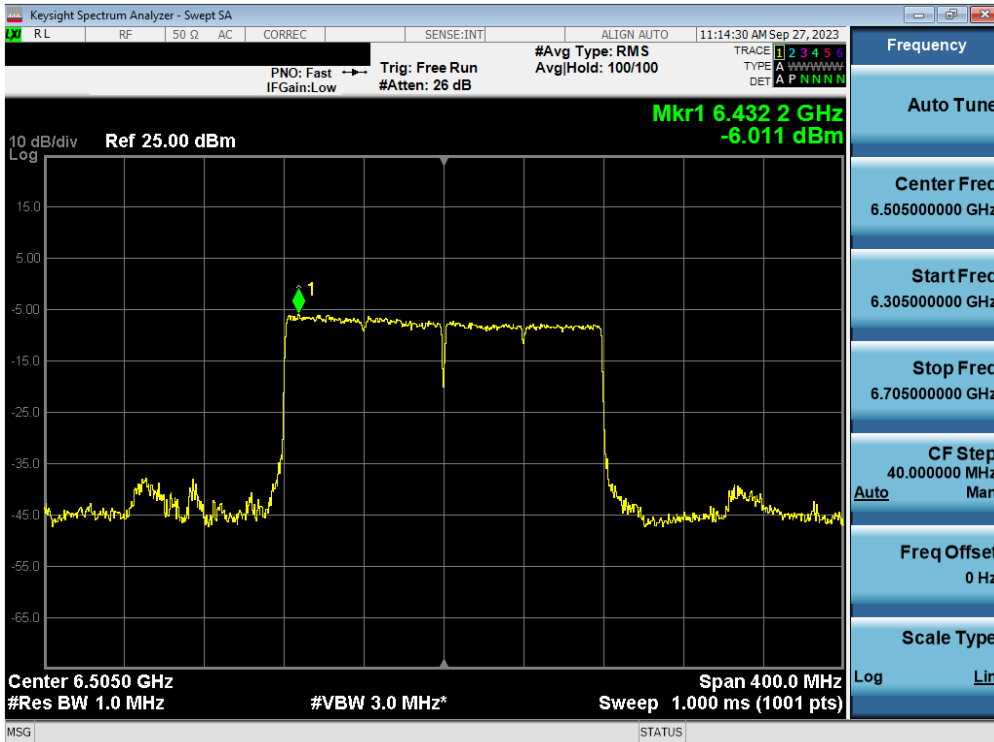


Plot 7-244. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax/be (Full Tone) (UNII Band 6) – Ch. 107) – LPI

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
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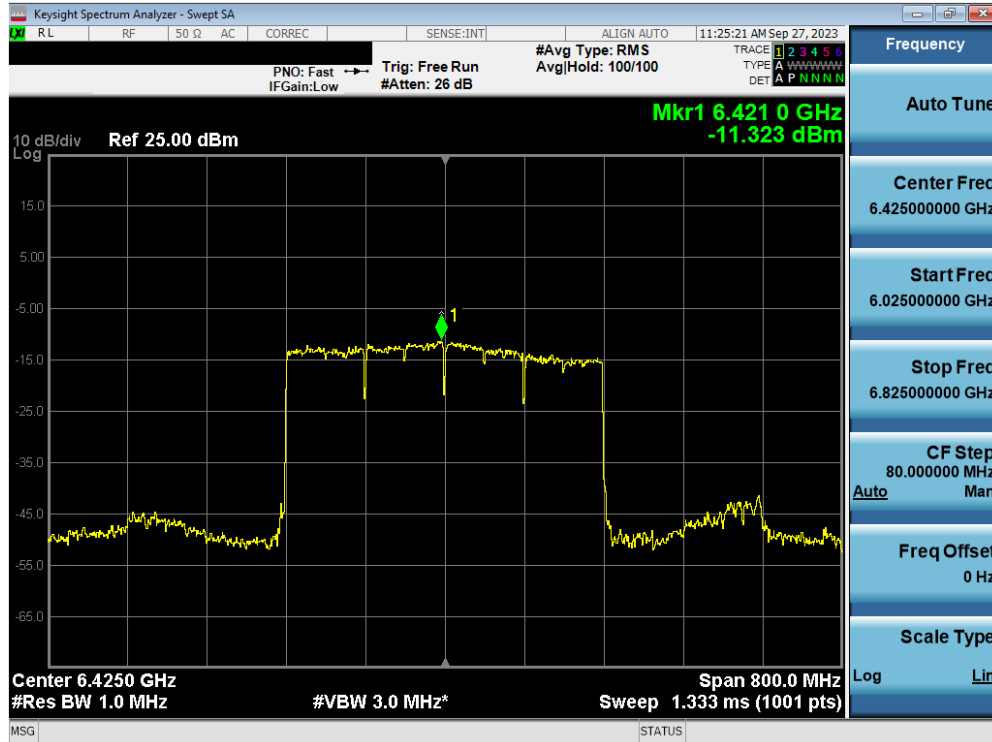


Plot 7-245. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax/be (Full Tone) (UNII Band 6) – Ch. 103) – LPI



Plot 7-246. Power Spectral Density Plot MIMO ANT2 (160MHz BW 802.11ax/be (Full Tone) (UNII Band 6) – Ch. 111) – LPI

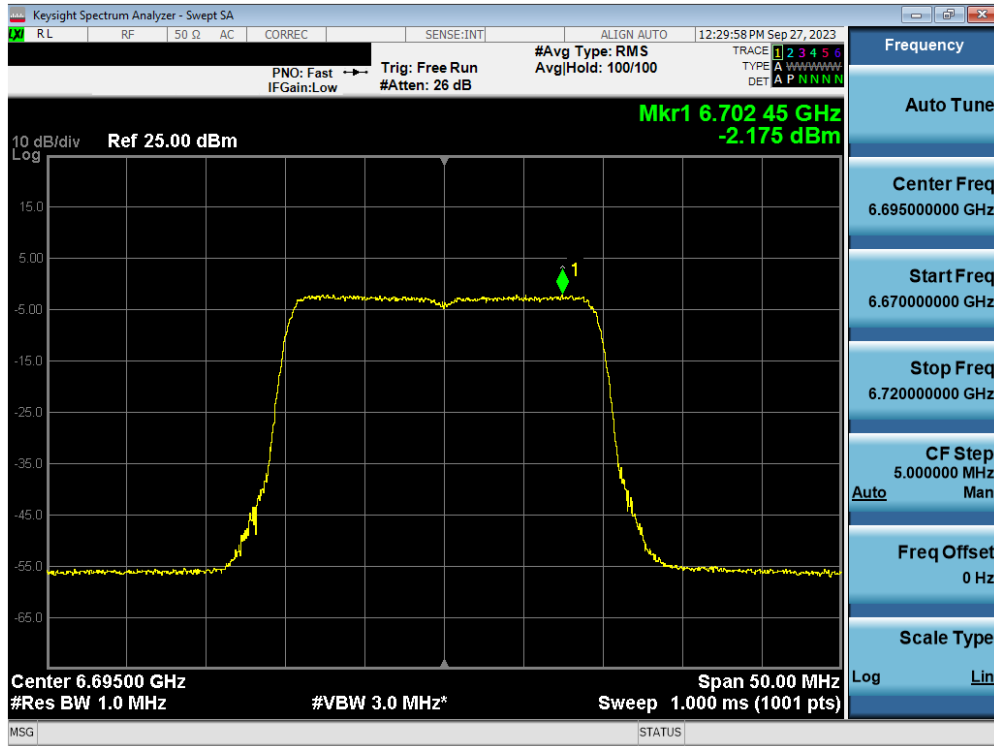
FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2312110124-19-R1.A3L	Test Dates: 9/6/2023 - 11/06/2023	EUT Type: Portable Handset	Page 170 of 316



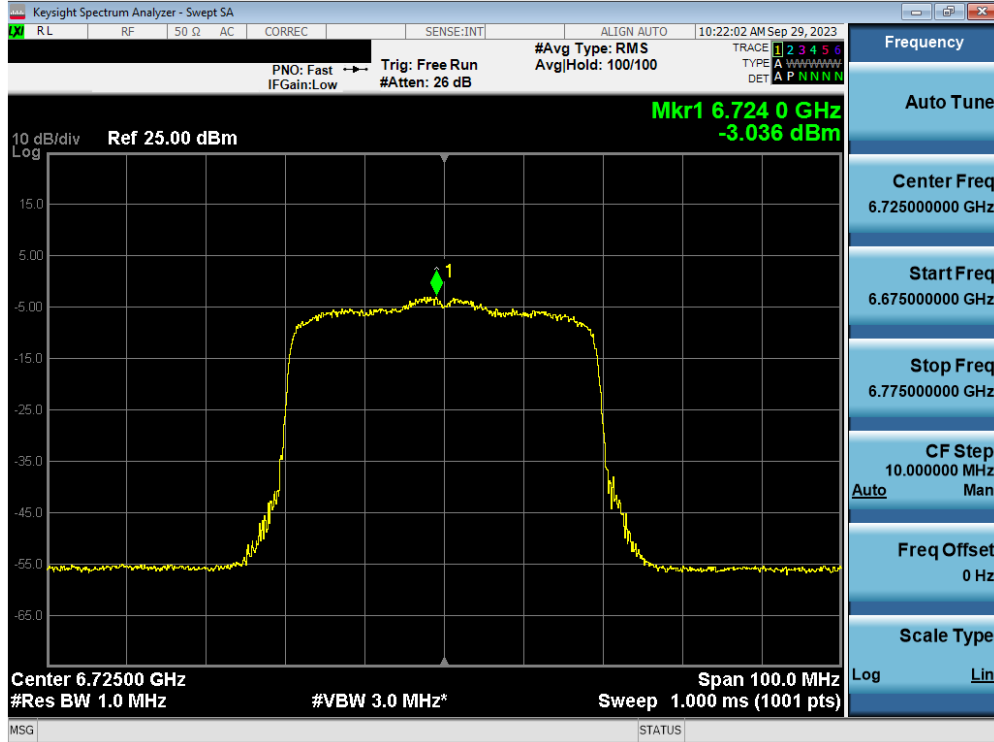
Plot 7-247. Power Spectral Density Plot MIMO ANT2 (320MHz BW 802.11ax/be (26 Tones) (UNII Band 5/6/7) – Ch. 95) – LPI

FCC ID: A3LSMS928JPN	<b>MEASUREMENT REPORT</b>		Approved by: Technical Manager
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## MIMO Antenna-2 Power Spectral Measurements - (Full Tones) – (UNII Band 7)

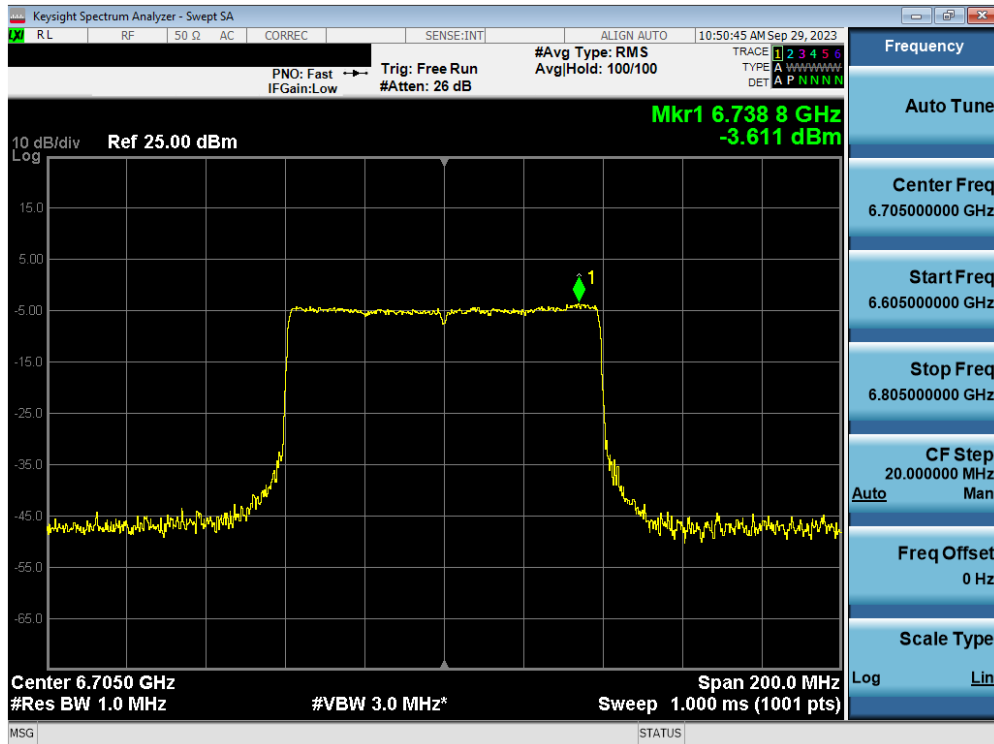


Plot 7-248. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax/be (Full Tone) (UNII Band 7) – Ch. 149) – LPI

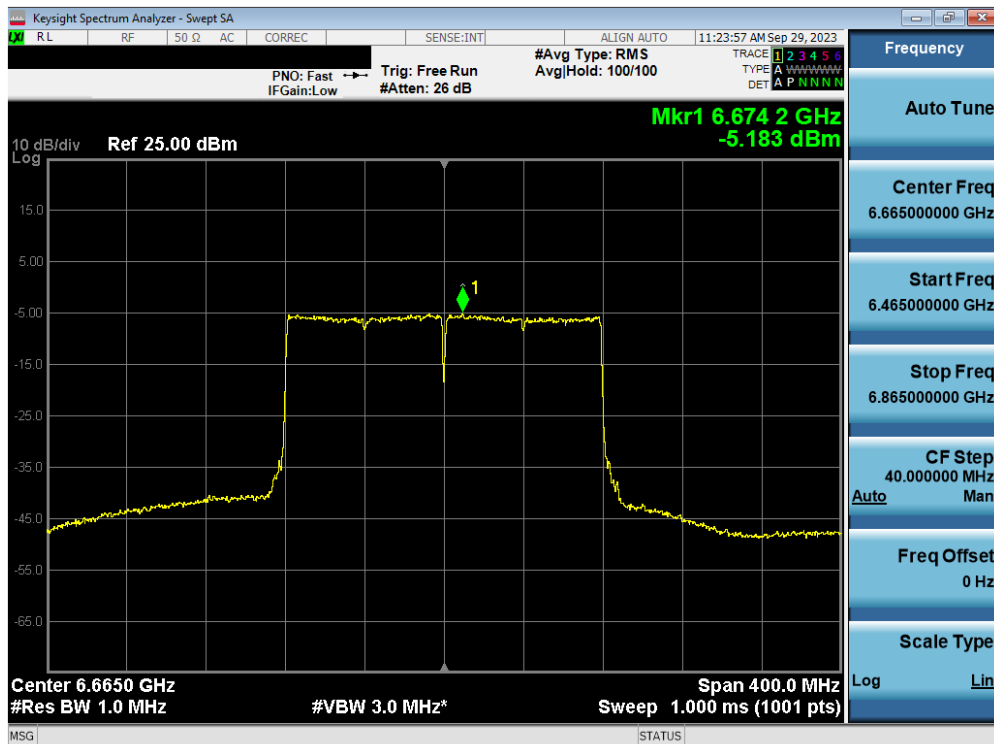


Plot 7-249. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax/be (Full Tone) (UNII Band 7) – Ch. 155) – LPI

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT		Approved by:
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Test Report S/N:	Test Dates:	EUT Type:	Page 172 of 316	
1M2312110124-19-R1.A3L	9/6/2023 - 11/06/2023	Portable Handset		

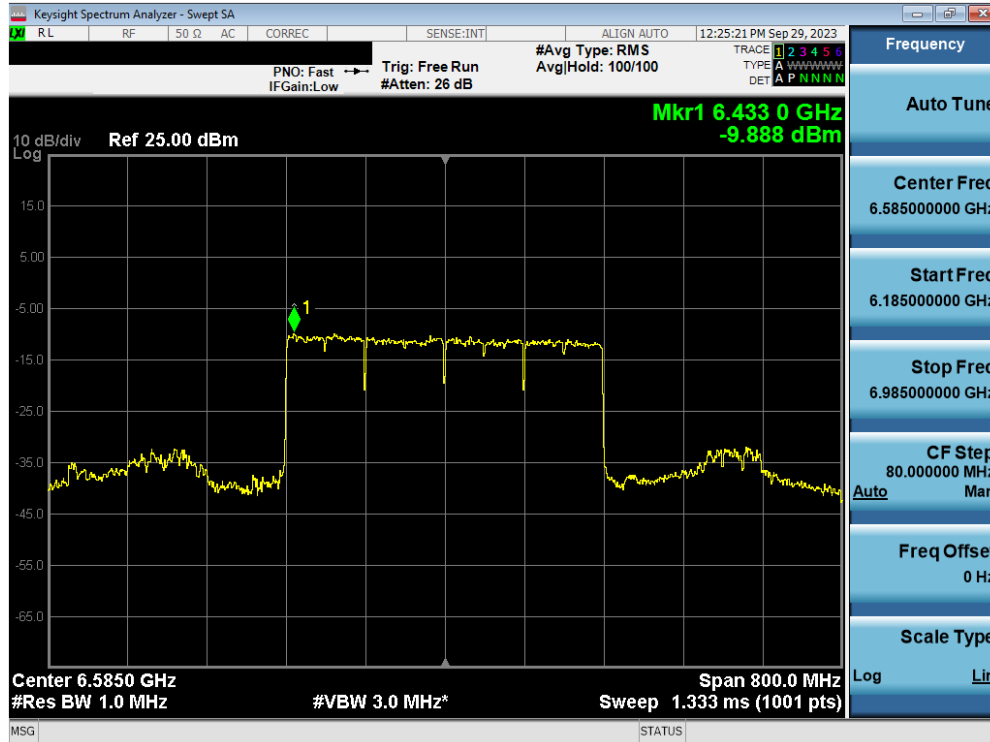


Plot 7-250. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax/be (Full Tone) (UNII Band 7) – Ch. 151) – LPI



Plot 7-251. Power Spectral Density Plot MIMO ANT2 (160MHz BW 802.11ax/be (Full Tone) (UNII Band 7) – Ch. 143) – LPI

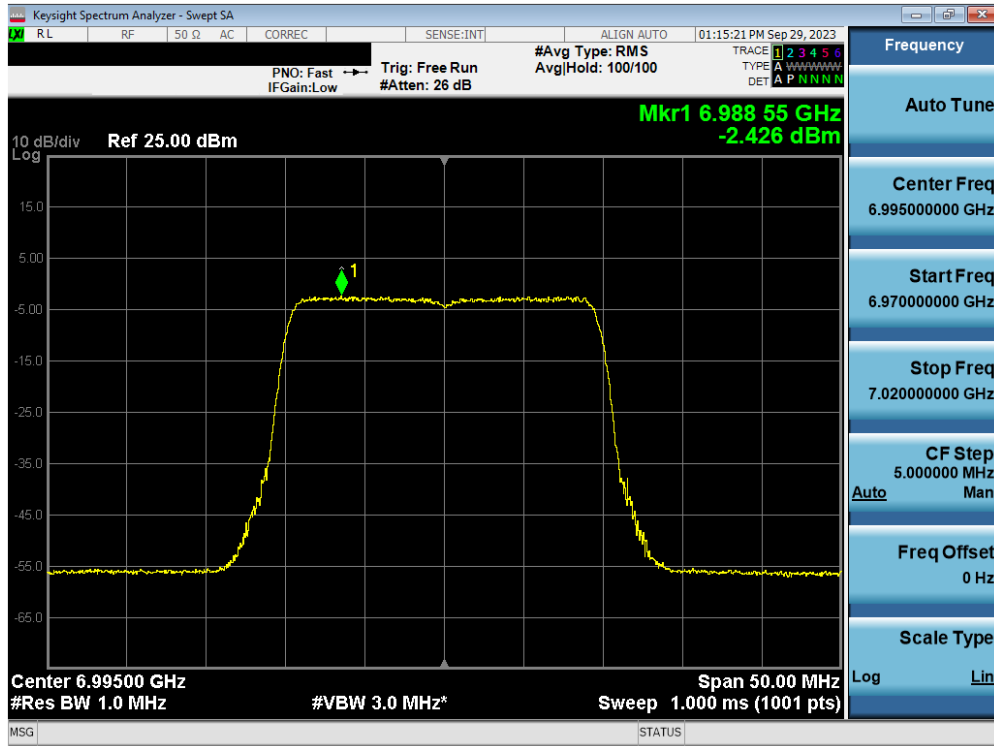
FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2312110124-19-R1.A3L	Test Dates: 9/6/2023 - 11/06/2023	EUT Type: Portable Handset	Page 173 of 316



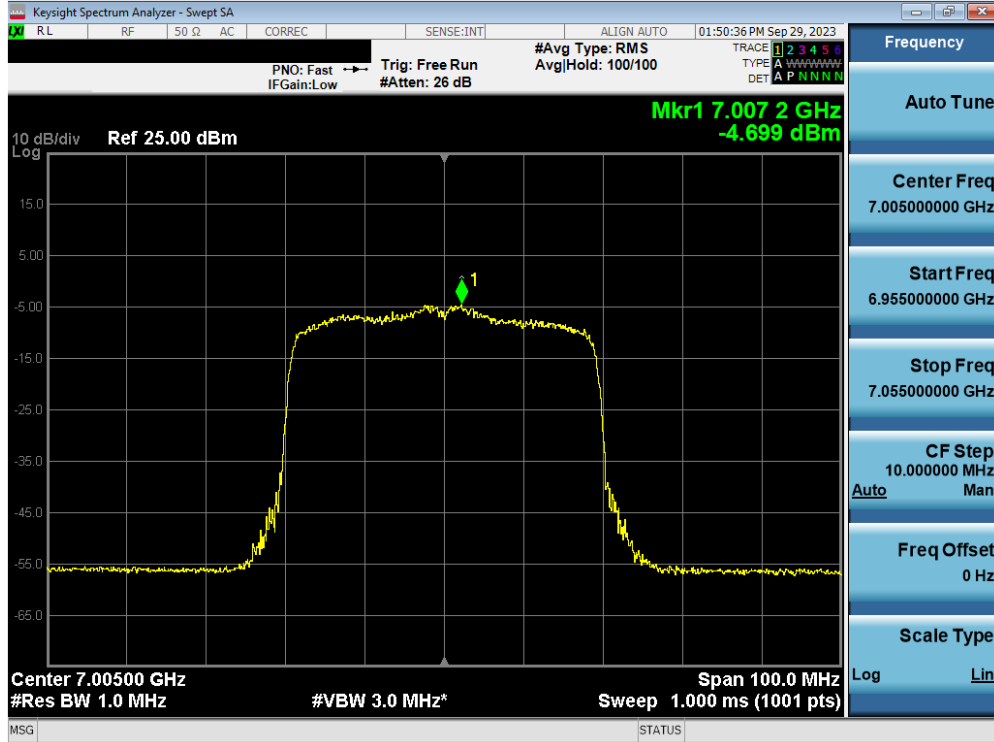
Plot 7-252. Power Spectral Density Plot MIMO ANT2 (320MHz BW 802.11ax/be (26 Tones) (UNII Band 6/7) – Ch. 127) – LPI

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
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## MIMO Antenna-2 Power Spectral Measurements - (Full Tones) – (UNII Band 8)

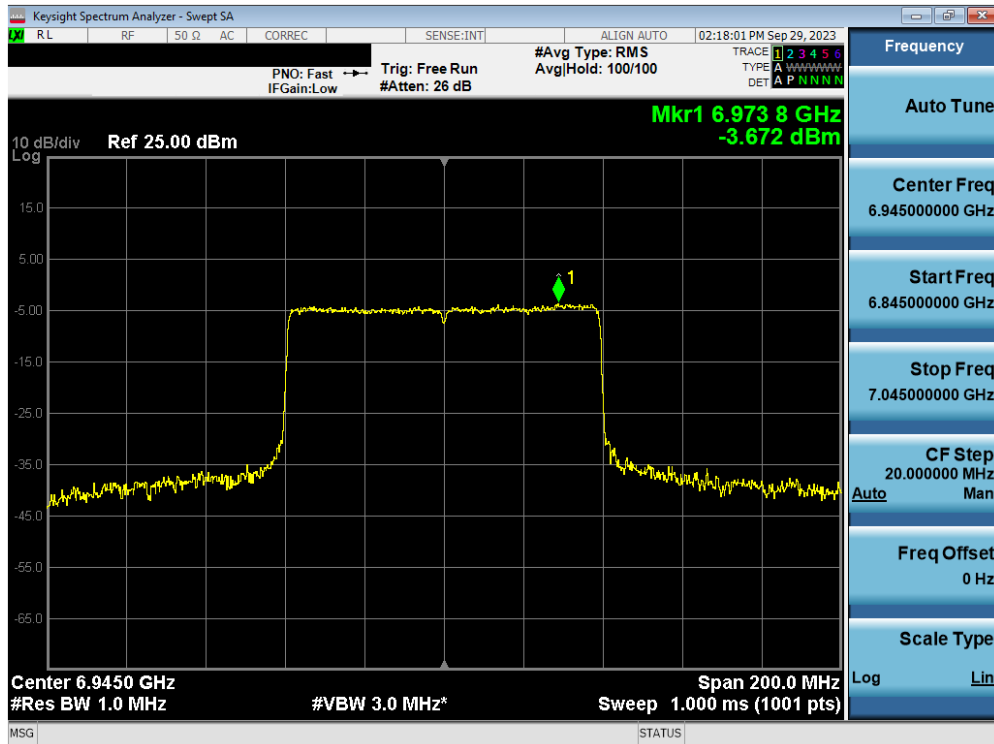


Plot 7-253. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax/be (Full Tone) (UNII Band 8) – Ch. 209) – LPI



Plot 7-254. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax/be (Full Tone) (UNII Band 8) – Ch. 211) – LPI

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2312110124-19-R1.A3L	Test Dates: 9/6/2023 - 11/06/2023	EUT Type: Portable Handset	Page 175 of 316



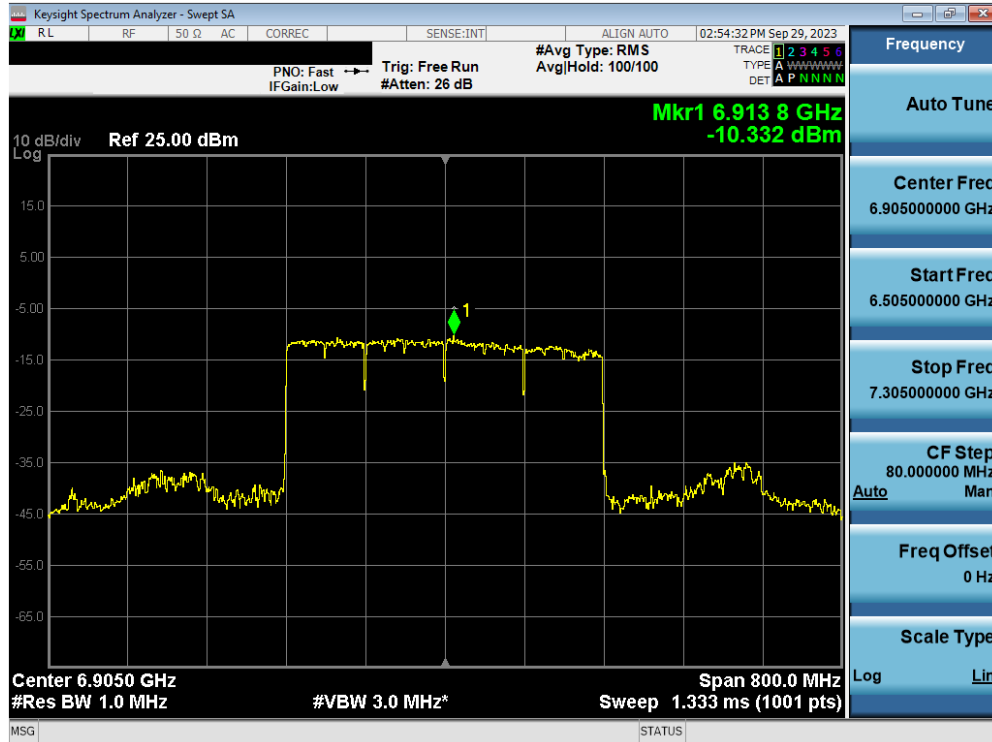
Plot 7-255. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax/be (Full Tone) (UNII Band 8) – Ch. 199) – LPI



Plot 7-256. Power Spectral Density Plot MIMO ANT2 (160MHz BW 802.11ax/be (Full Tone) (UNII Band 8) – Ch. 207) – LPI

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2312110124-19-R1.A3L	Test Dates: 9/6/2023 - 11/06/2023	EUT Type: Portable Handset	Page 176 of 316





Plot 7-257. Power Spectral Density Plot MIMO ANT2 (320MHz BW 802.11ax/be (26 Tones) (UNII Band 8) – Ch. 191) – LPI

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
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**Note:**

Per ANSI C63.10-2013 Section 14.3.2.2 and KDB 662911 v02r01 Section E)2), the power spectral density at Antenna 1 and Antenna 2 were first measured separately as shown in the section above. The measured values were then summed in linear power units then converted back to dBm.

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 MIMO Calculation:**

At 5935MHz in 802.11ax (20MHz BW) mode, the average conducted power spectral density was measured to be -4.22 dBm for Antenna-1 and -3.81 dBm for Antenna-2.

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

$$(-4.22 \text{ dBm} + -3.81 \text{ dBm}) = (0.379 \text{ mW} + 0.416 \text{ mW}) = 0.795 \text{ mW} = -1.00 \text{ dBm}$$

**Sample e.i.r.p Power Spectral Density Calculation:**

At 5935 MHz in 802.11ax (20MHz BW) mode, the average MIMO power density was calculated to be -1.00 dBm with directional gain of -2.85 dBi.

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

$$-1.00 \text{ dBm} + -2.17 \text{ dBi} = -3.16 \text{ dBm}$$

<b>FCC ID:</b> A3LSMS928JPN	<b>MEASUREMENT REPORT</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2312110124-19-R1.A3L	<b>Test Dates:</b> 9/6/2023 - 11/06/2023	<b>EUT Type:</b> Portable Handset	Page 178 of 316

## 7.5 In-Band Emissions

### 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.

**For transmitters operating within the 5.925-7.125 GHz bands: Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.**

### Test Procedure Used

KDB 987594 D02 v01r01

### Test Settings

1. Connect output of the antenna port to a spectrum analyzer or EMI receiver, with appropriate attenuation, as to not damage the instrumentation.
2. Set the reference level of the measuring equipment in accordance with procedure 4.1.5.2 of ANSI C63.10-2013.
3. Measure the 26 dB EBW using the test procedure 12.4.1 of ANSI C63.10-2013. (This will be used to determine the channel edge.)
4. Measure the power spectral density (which will be used for emissions mask reference) using the following procedure:
  - a) Set the span to encompass the entire 26 dB EBW of the signal.
  - b) Set RBW = same RBW used for 26 dB EBW measurement.
  - c) Set VBW  $\geq 3 \times$  RBW
  - d) Number of points in sweep  $\geq [2 \times \text{span} / \text{RBW}]$ .
  - e) Sweep time = auto.
  - f) Detector = RMS (i.e., power averaging)
  - g) Trace average at least 100 traces in power averaging (rms) mode.
  - h) Use the peak search function on the instrument to find the peak of the spectrum.
5. For the purposes of developing the emission mask, the channel bandwidth is defined as the 26 dB EBW.
6. Using the measuring equipment limit line function, develop the emissions mask based on the following requirements. The emissions power spectral density must be reduced below the peak power spectral density (in dB) as follows:
  - a) Suppressed by 20 dB at 1 MHz outside of the channel edge. (The channel edge is defined as the 26-dB point on either side of the carrier center frequency.)
  - b) Suppressed by 28 dB at one channel bandwidth from the channel center.
  - c) Suppressed by 40 dB at one- and one-half times the channel bandwidth from the channel center.
7. Adjust the span to encompass the entire mask as necessary.
8. Clear trace.
9. Trace average at least 100 traces in power averaging (rms) mode.
10. Adjust the reference level as necessary so that the crest of the channel touches the top of the emission mask.

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**Test Setup**

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



**Figure 7-4. Test Instrument & Measurement Setup**

**Test Notes**

None.

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### 7.5.1 MIMO Antenna-1 In-Band Emission - (Partial Tones) – (UNII Band 5)

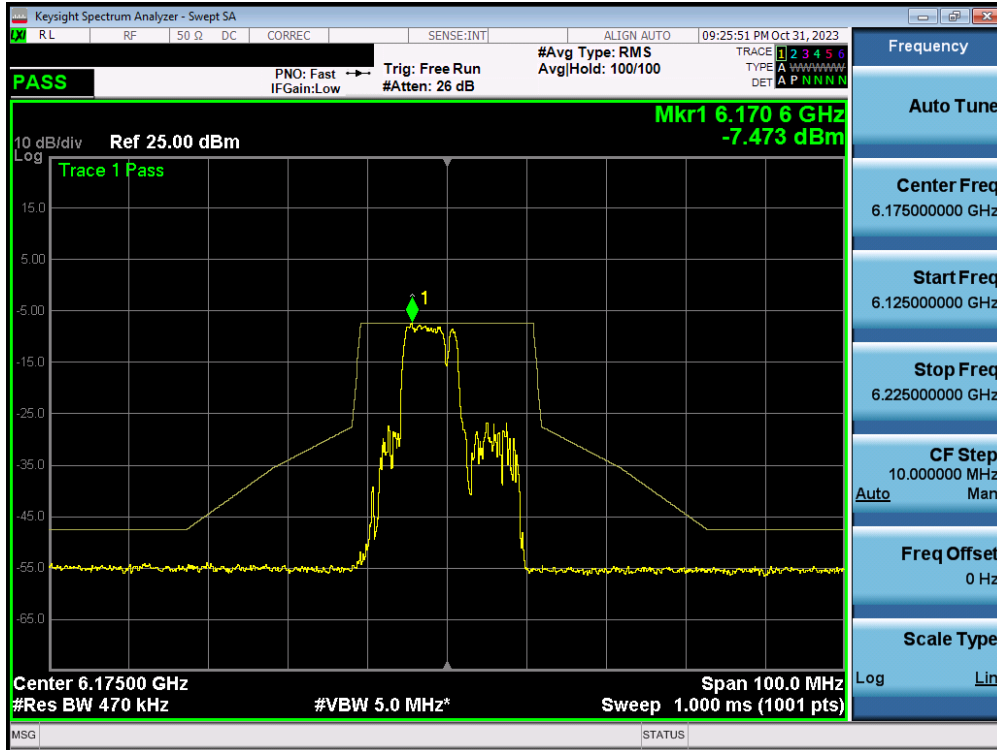


Plot 7-258. In-Band Emission Plot MIMO ANT1 (20MHz BW 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 45) – LPI

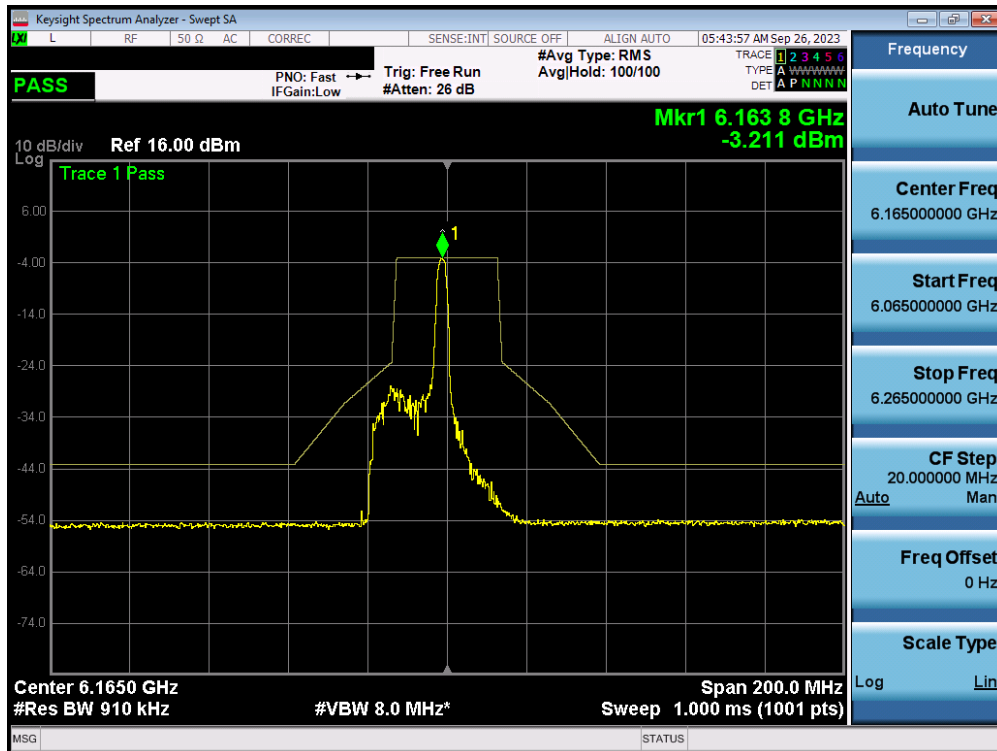


Plot 7-259. In-Band Emission Plot MIMO ANT1 (20MHz BW 802.11ax/be (MRU) (UNII Band 5) – Ch. 2) – LPI – 106+26T

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
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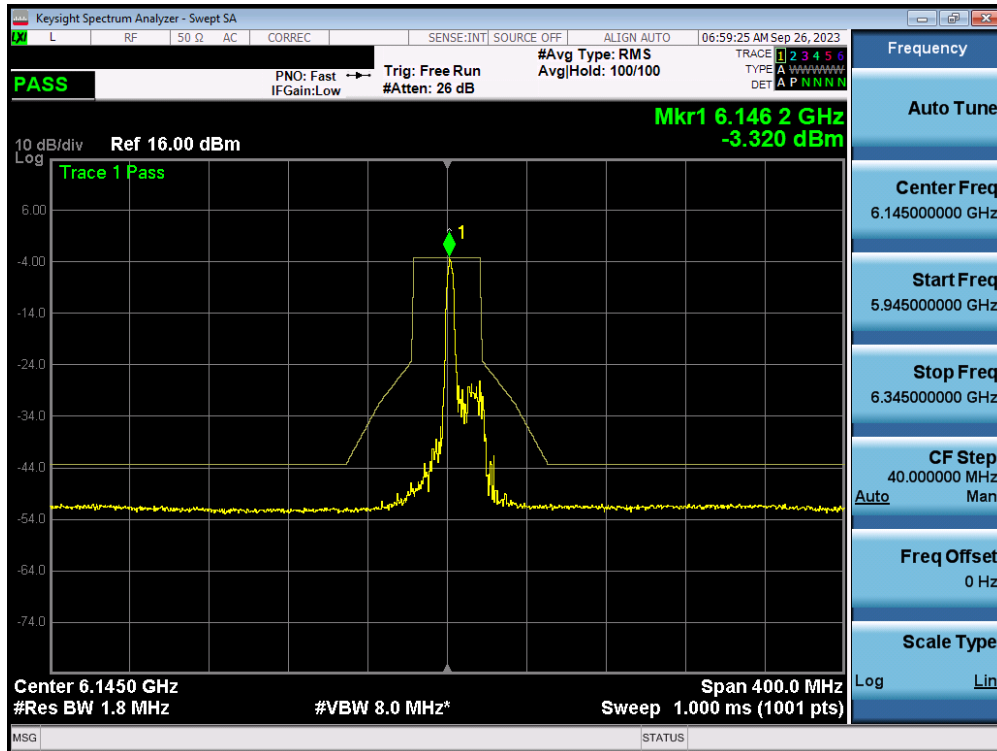


Plot 7-260. In-Band Emission Plot MIMO ANT1 (20MHz BW 802.11ax/be (MRU) (UNII Band 5) – Ch. 45) – LPI – 52+26T

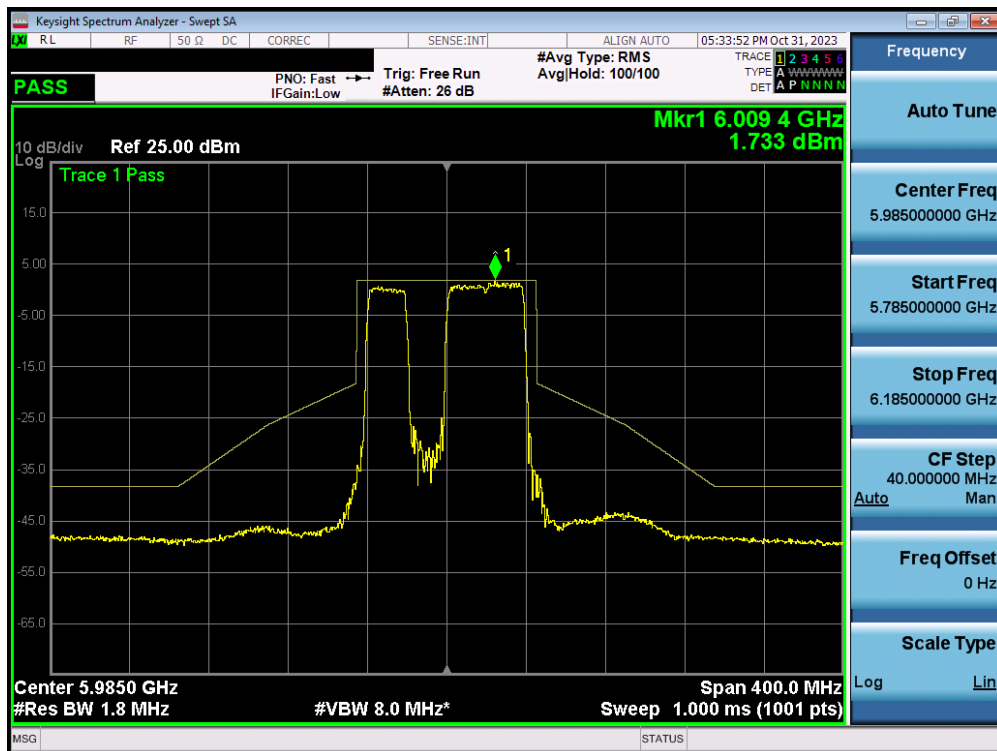


Plot 7-261. In-Band Emission Plot MIMO ANT1 (40MHz BW 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 43) – LPI

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
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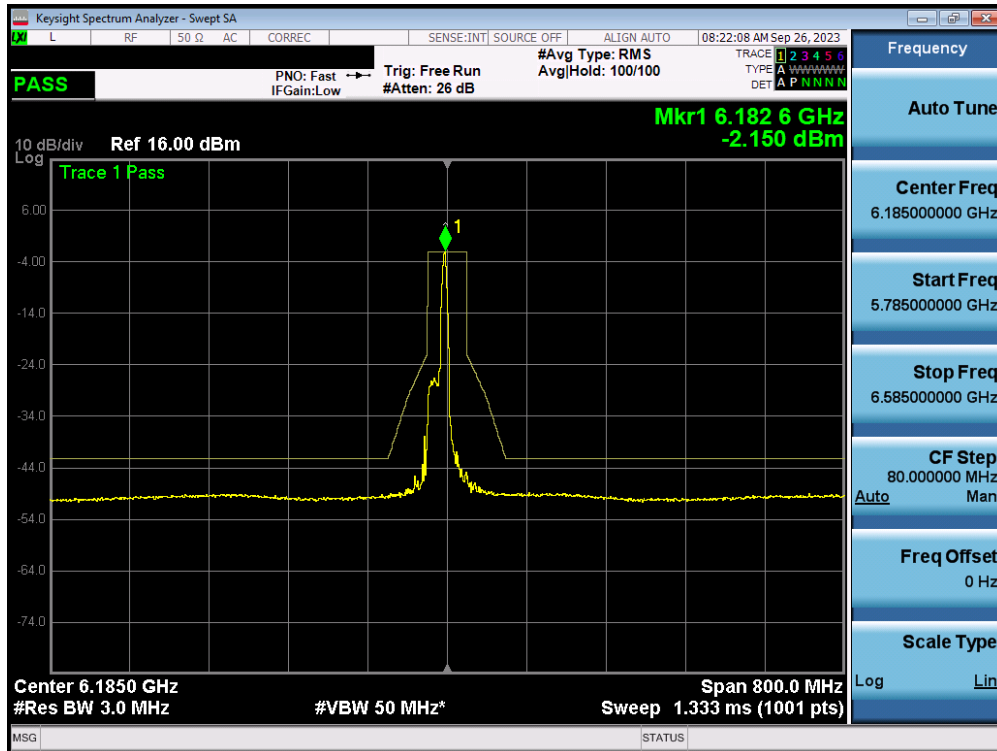


Plot 7-262. In-Band Emission Plot MIMO ANT1 (80MHz BW 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 39) – LPI

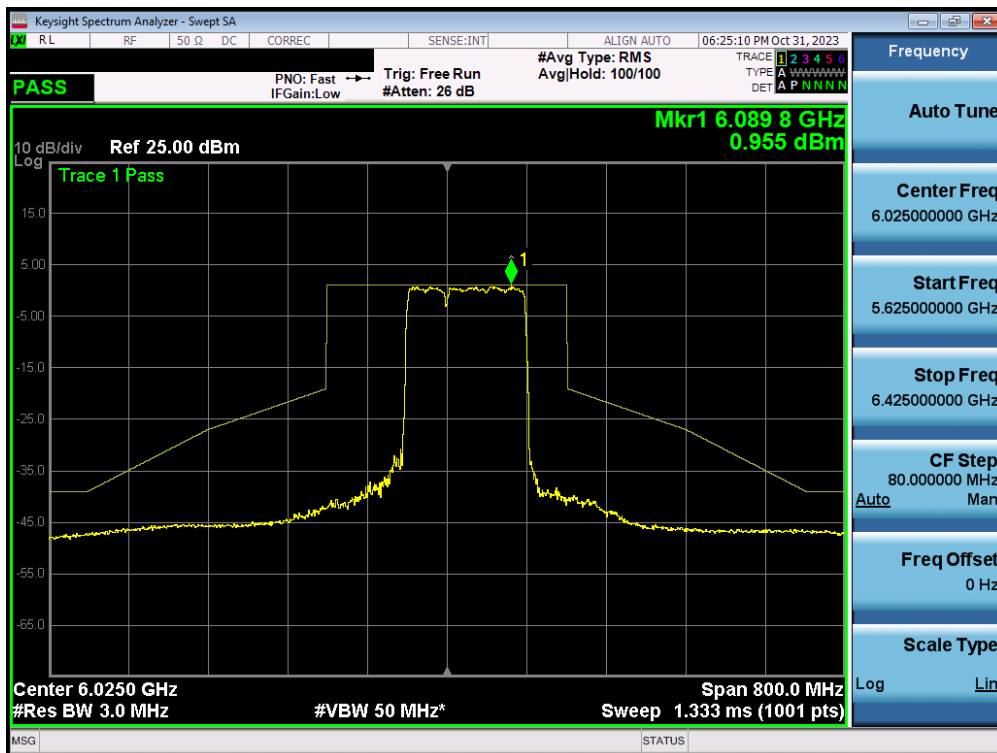


Plot 7-263. In-Band Emission Plot MIMO ANT1 (80MHz BW 802.11ax/be (MRU) (UNII Band 5) – Ch. 39) – LPI – 484+242T

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
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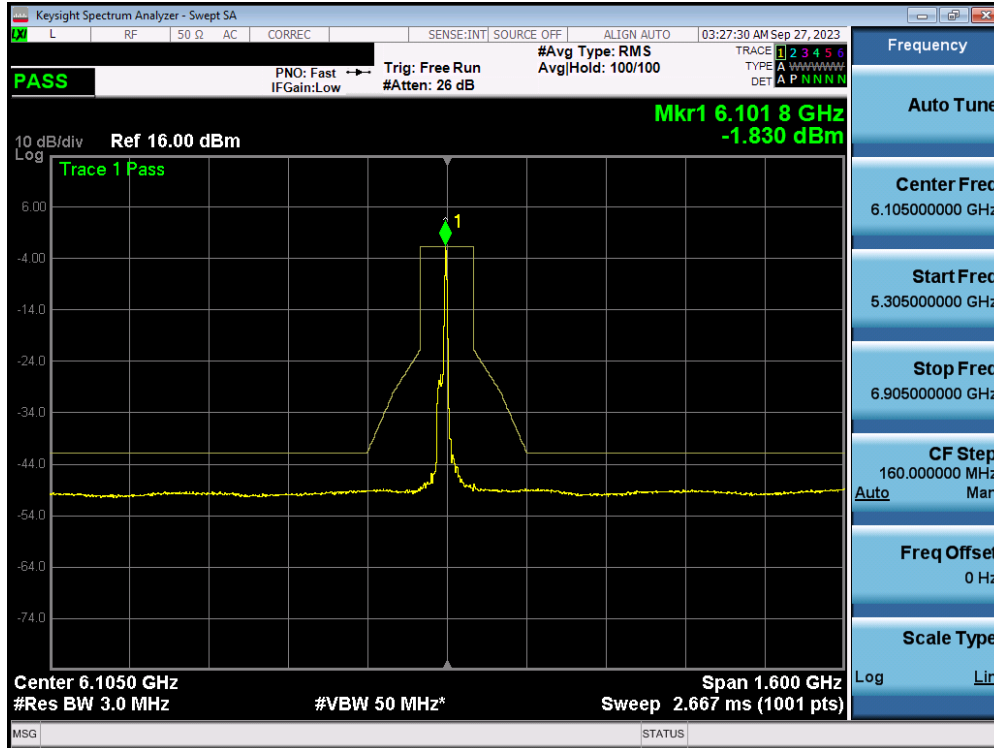
Plot 7-264. In-Band Emission Plot MIMO ANT1 (160MHz BW 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 47) – LPI



Plot 7-265. In-Band Emission Plot MIMO ANT1 (160MHz BW 802.11ax/be (MRU) (UNII Band 5) – Ch. 15) – LPI – 996+484T

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-266. In-Band Emission Plot MIMO ANT1 (320MHz BW 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 31) – LPI

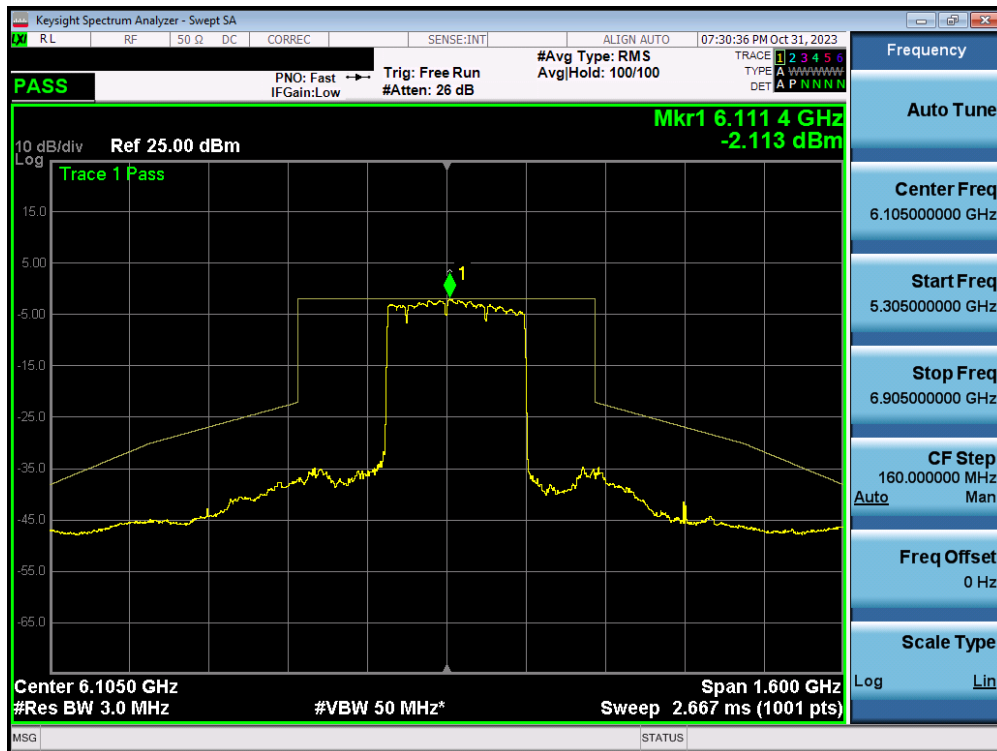


Plot 7-267. In-Band Emission Plot MIMO ANT1 (320MHz BW 802.11ax/be (MRU) (UNII Band 5) – Ch. 31) – LPI – 2x996+484T

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
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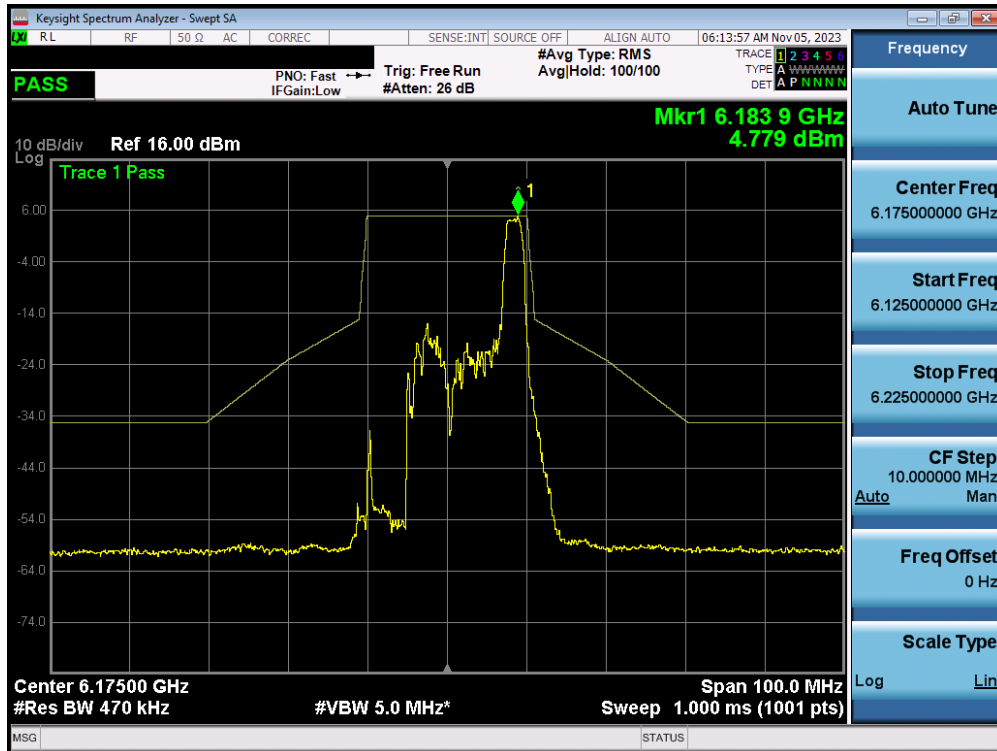


Plot 7-268. In-Band Emission Plot MIMO ANT1 (320MHz BW 802.11ax/be (MRU) (UNII Band 5) – Ch. 31) – LPI – 3x996T

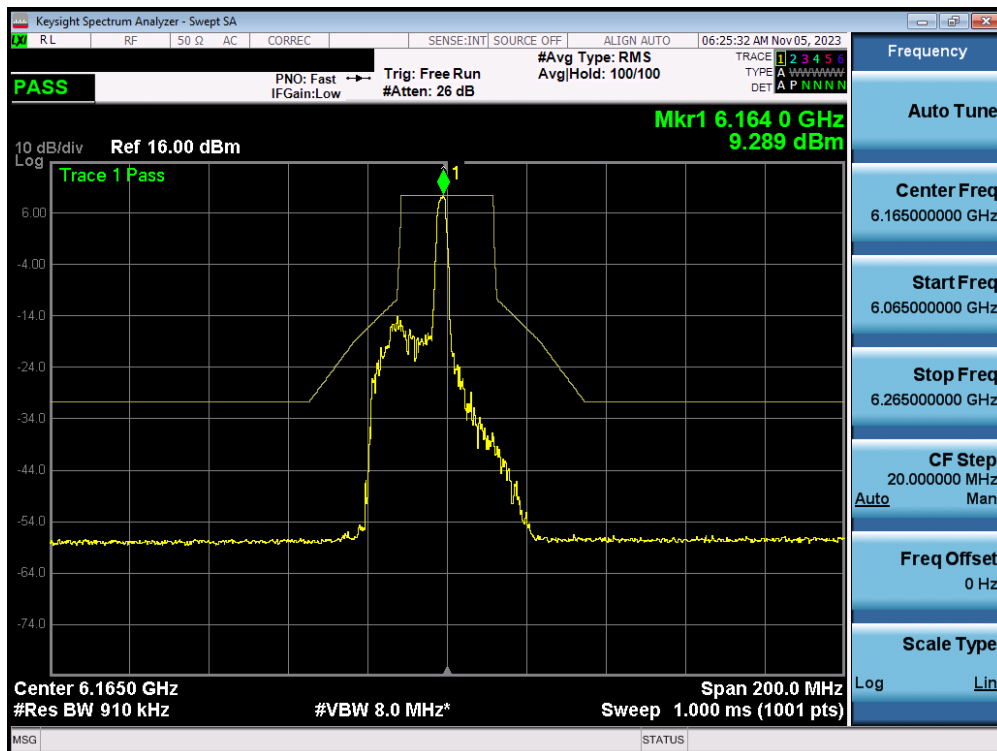


Plot 7-269. In-Band Emission Plot MIMO ANT1 (320MHz BW 802.11ax/be (MRU) (UNII Band 5) – Ch. 31) – LPI – 3x996+484T

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
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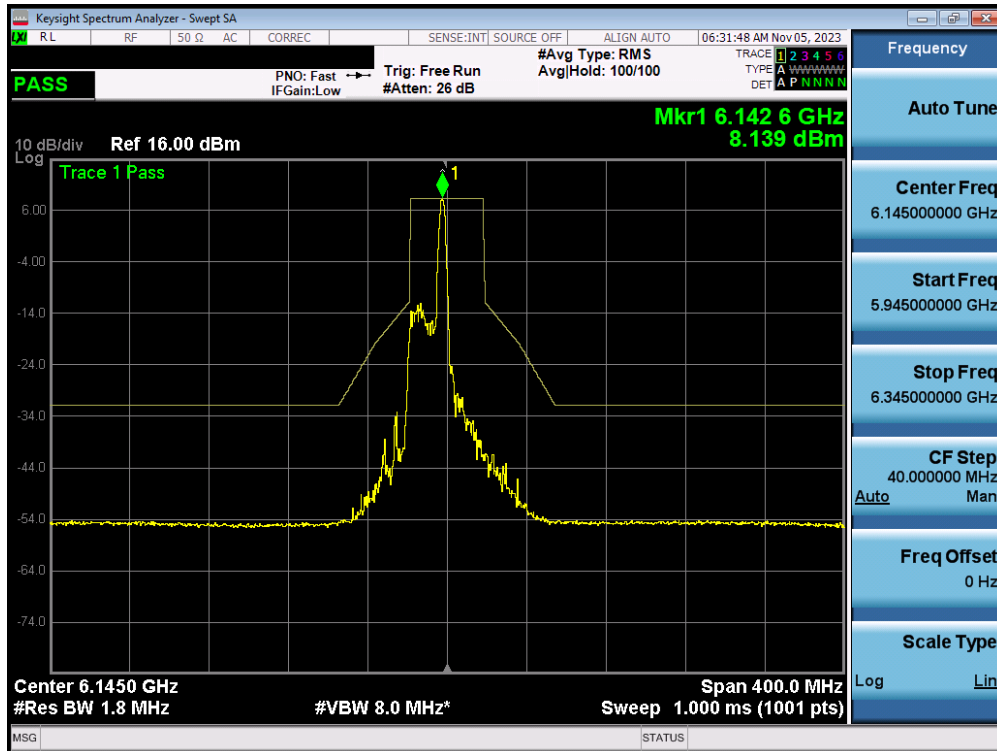


Plot 7-270. In-Band Emission Plot MIMO ANT1 (20MHz BW 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 45) – SP

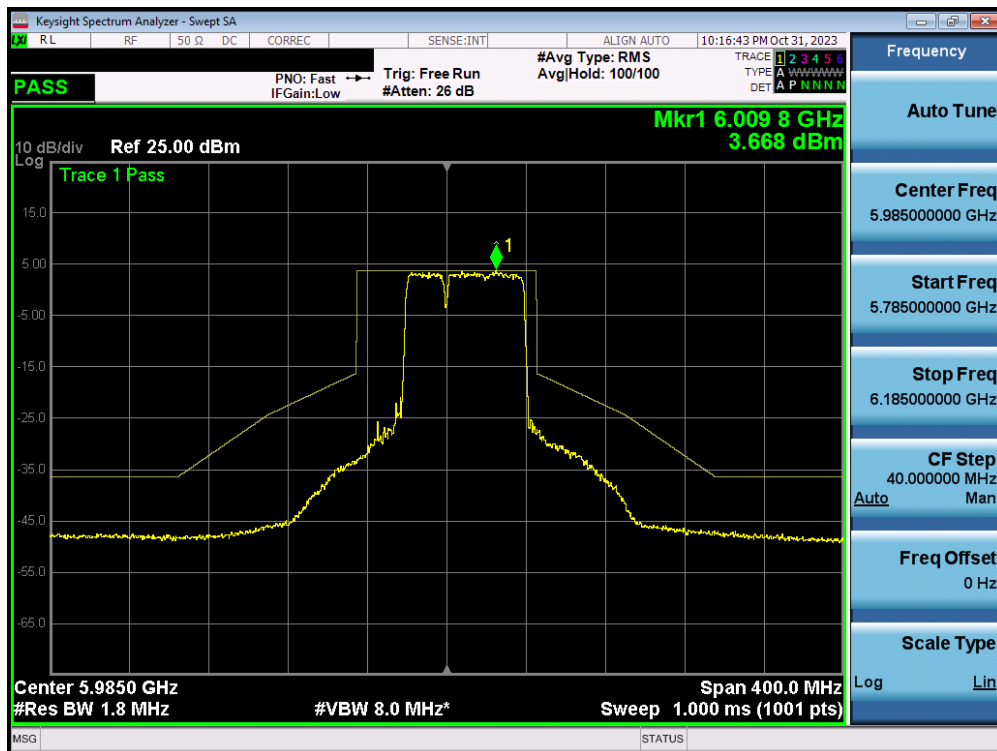


Plot 7-271. In-Band Emission Plot MIMO ANT1 (40MHz BW 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 43) – SP

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT		Approved by:
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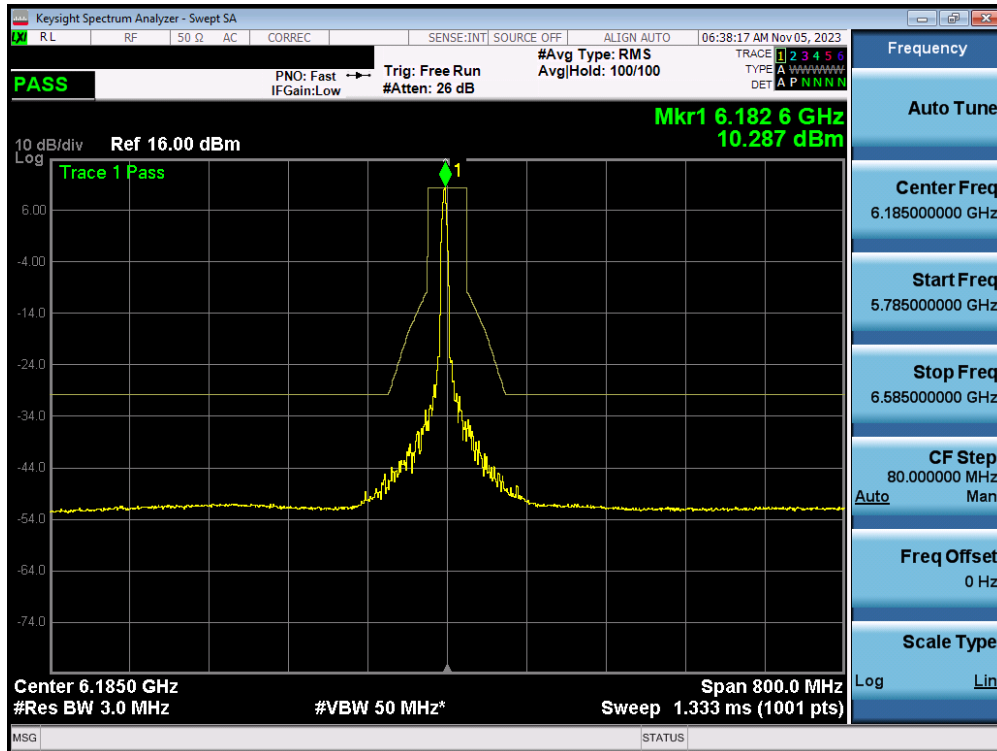


Plot 7-272. In-Band Emission Plot MIMO ANT1 (80MHz BW 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 39) – SP

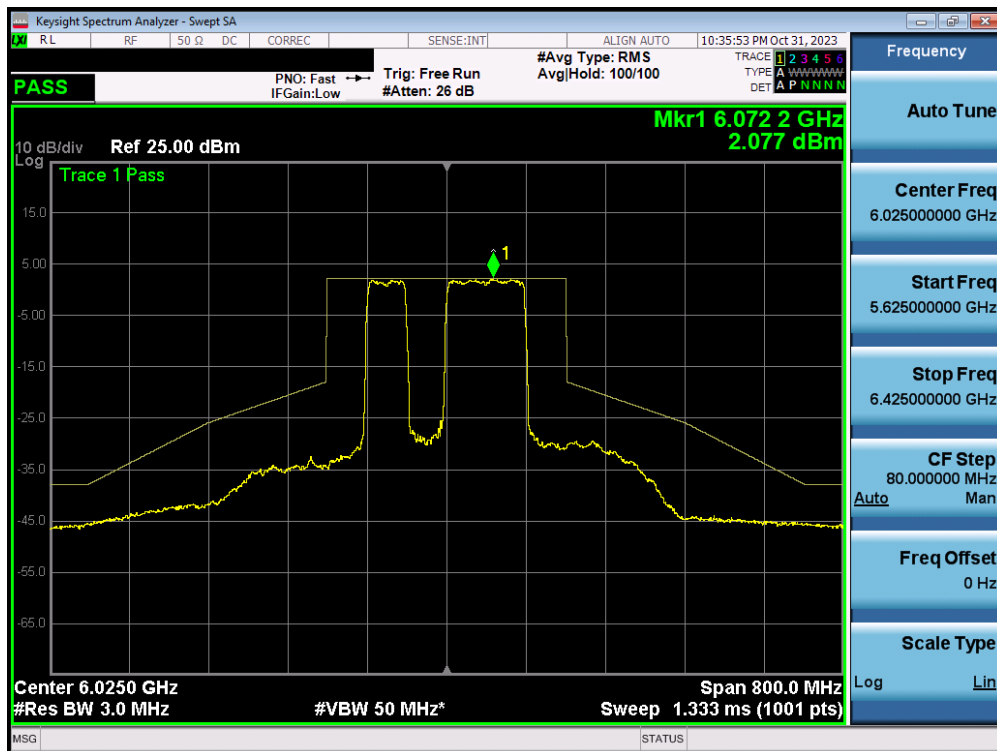


Plot 7-273. In-Band Emission Plot MIMO ANT1 (80MHz BW 802.11ax/be (MRU) (UNII Band 5) – Ch. 7) – SP – 484+242T

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
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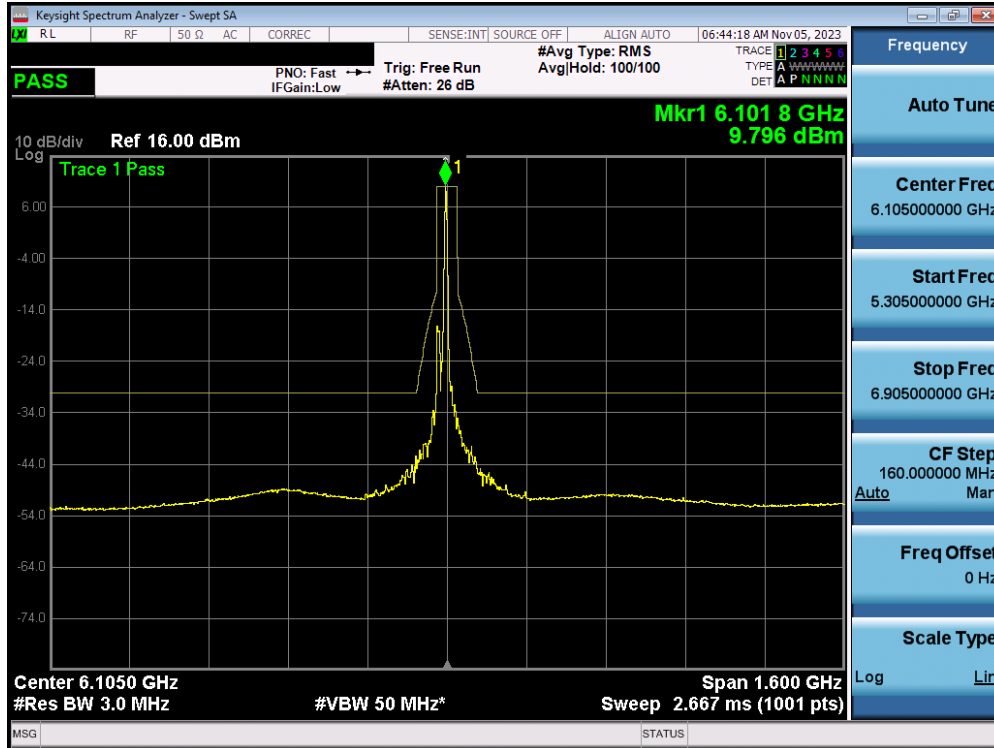


Plot 7-274. In-Band Emission Plot MIMO ANT1 (160MHz BW 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 47) – SP

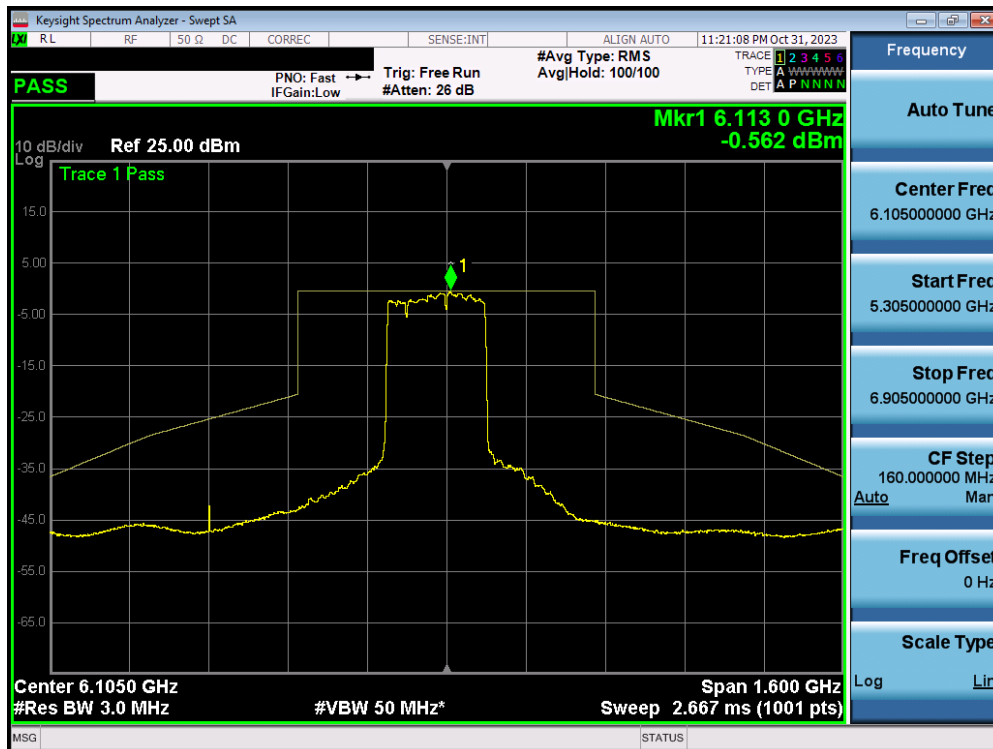


Plot 7-275. In-Band Emission Plot MIMO ANT1 (160MHz BW 802.11ax/be (MRU) (UNII Band 5) – Ch. 47) – SP – 996+484T

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
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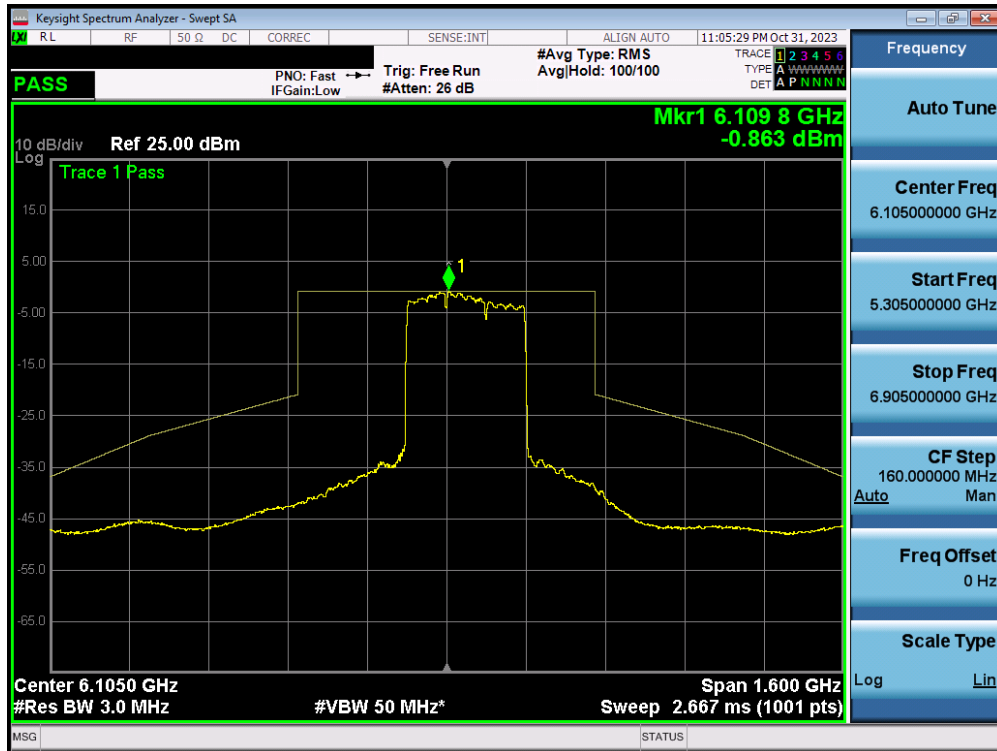


Plot 7-276. In-Band Emission Plot MIMO ANT1 (320MHz BW 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 31) – SP

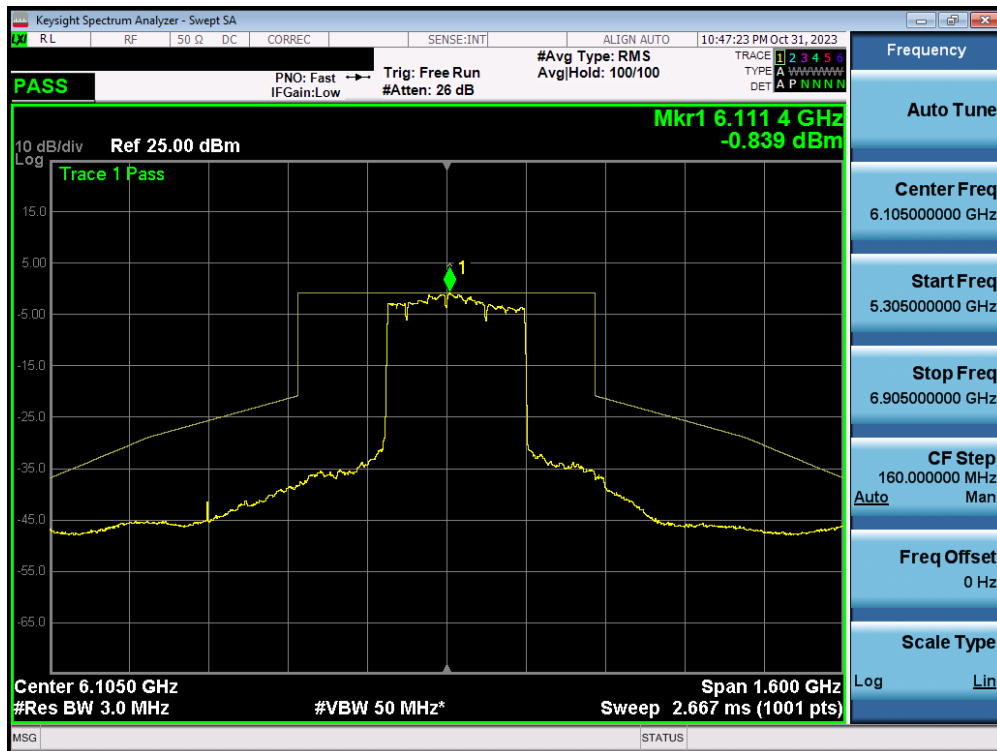


Plot 7-277. In-Band Emission Plot MIMO ANT1 (320MHz BW 802.11ax/be (MRU) (UNII Band 5) – Ch. 31) – SP – 2x996+484T

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-278. In-Band Emission Plot MIMO ANT1 (320MHz BW 802.11ax/be (MRU) (UNII Band 5) – Ch. 31) – SP – 3x996T



Plot 7-279. In-Band Emission Plot MIMO ANT1 (320MHz BW 802.11ax/be (MRU) (UNII Band 5) – Ch. 31) – SP – 3x996+484T

FCC ID: A3LSMS928JPN		MEASUREMENT REPORT		Approved by:
Test Report S/N:	Test Dates:	EUT Type:	Technical Manager	
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# MIMO Antenna-1 In-Band Emission - (Partial Tones) – (UNII Band 6)



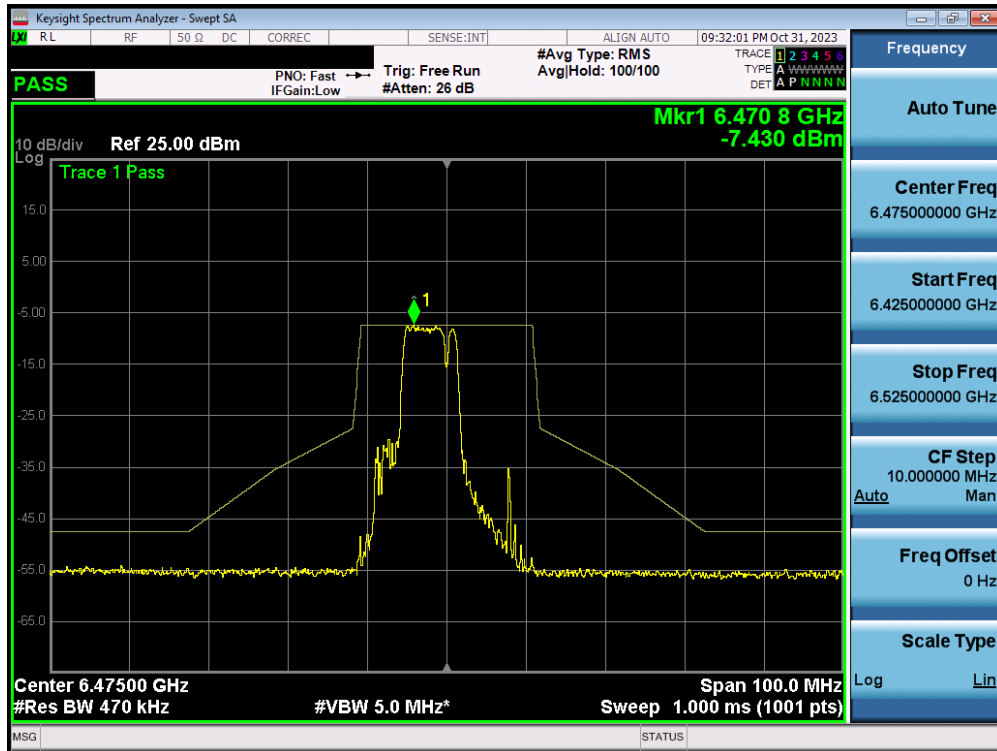
Plot 7-280. In-Band Emission Plot MIMO ANT1 (20MHz BW 802.11ax/be (26 Tones) (UNII Band 6) – Ch. 105) – LPI



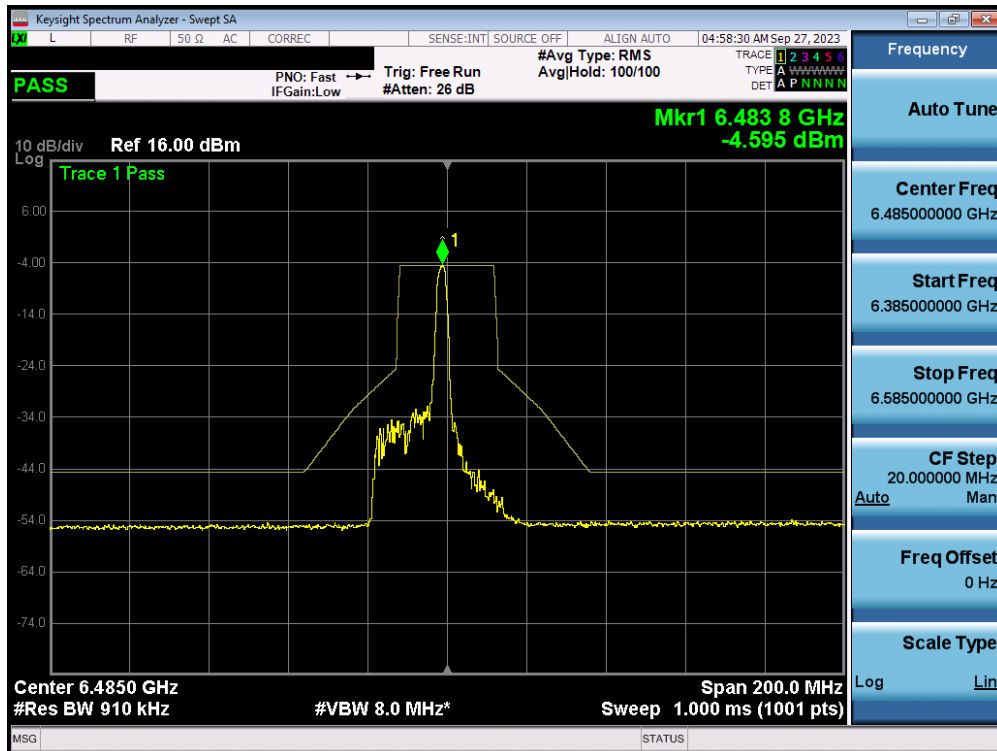
Plot 7-281. In-Band Emission Plot MIMO ANT1 (20MHz BW 802.11ax/be (MRU) (UNII Band 6) – Ch. 105) – LPI – 106+26T

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
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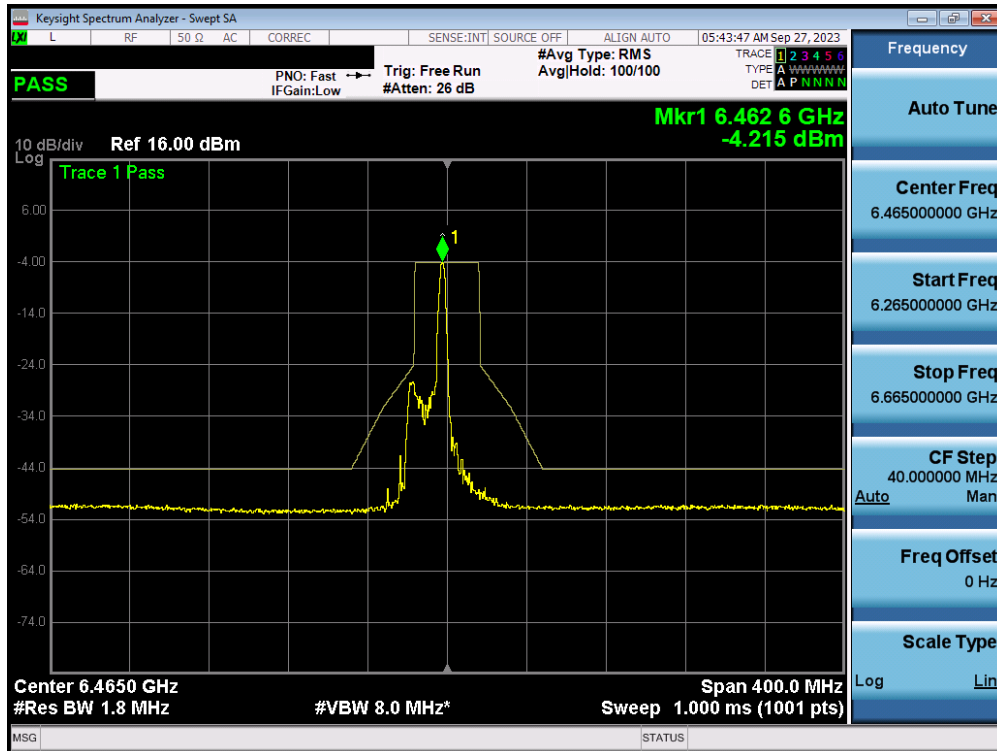


Plot 7-282. In-Band Emission Plot MIMO ANT1 (20MHz BW 802.11ax/be (MRU) (UNII Band 6) – Ch. 105) – LPI – 52+26T

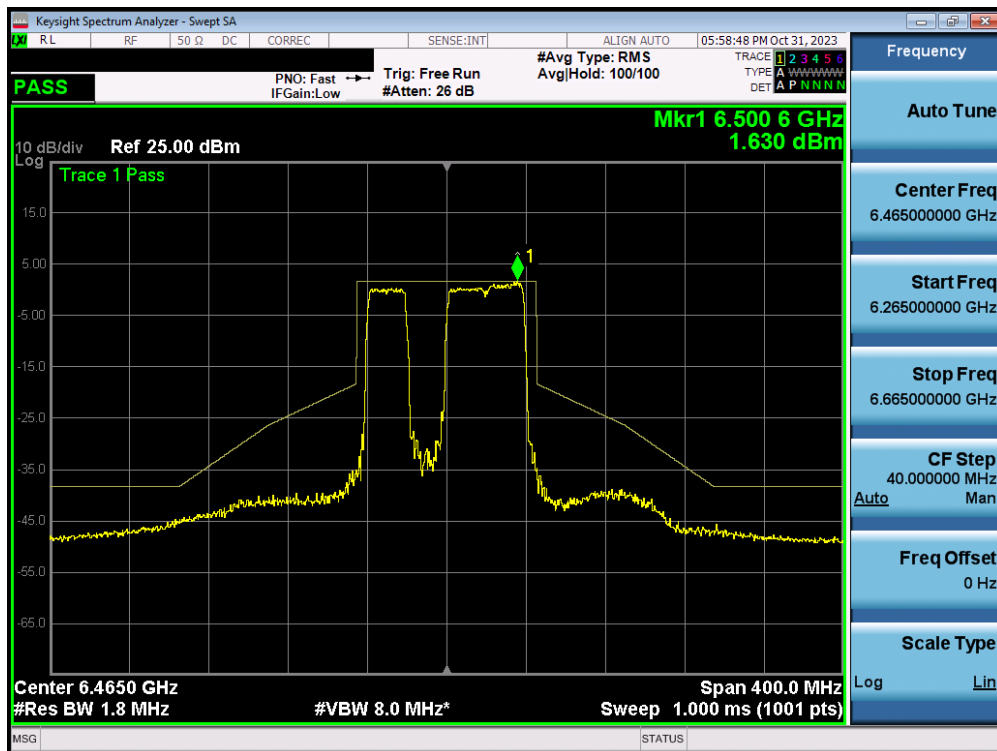


Plot 7-283. In-Band Emission Plot MIMO ANT1 (40MHz BW 802.11ax/be (26 Tones) (UNII Band 6) – Ch. 107) – LPI

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
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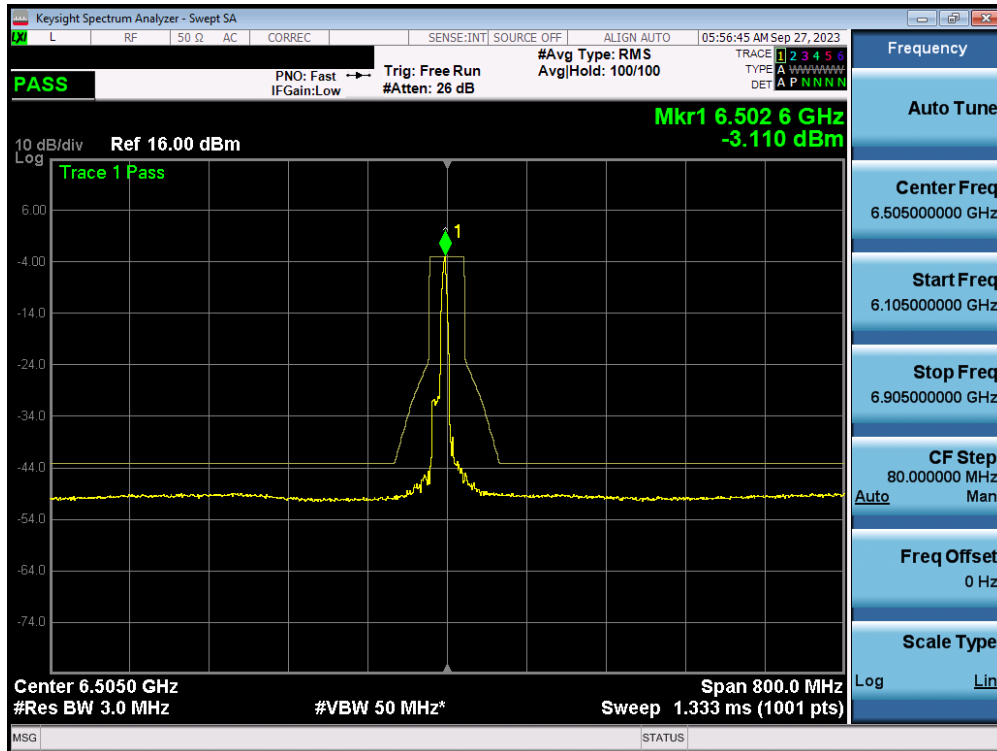


Plot 7-284. In-Band Emission Plot MIMO ANT1 (80MHz BW 802.11ax/be (26 Tones) (UNII Band 6) – Ch. 103) – LPI



Plot 7-285. In-Band Emission Plot MIMO ANT1 (80MHz BW 802.11ax/be (MRU) (UNII Band 6) – Ch. 103) – LPI – 484+242T

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
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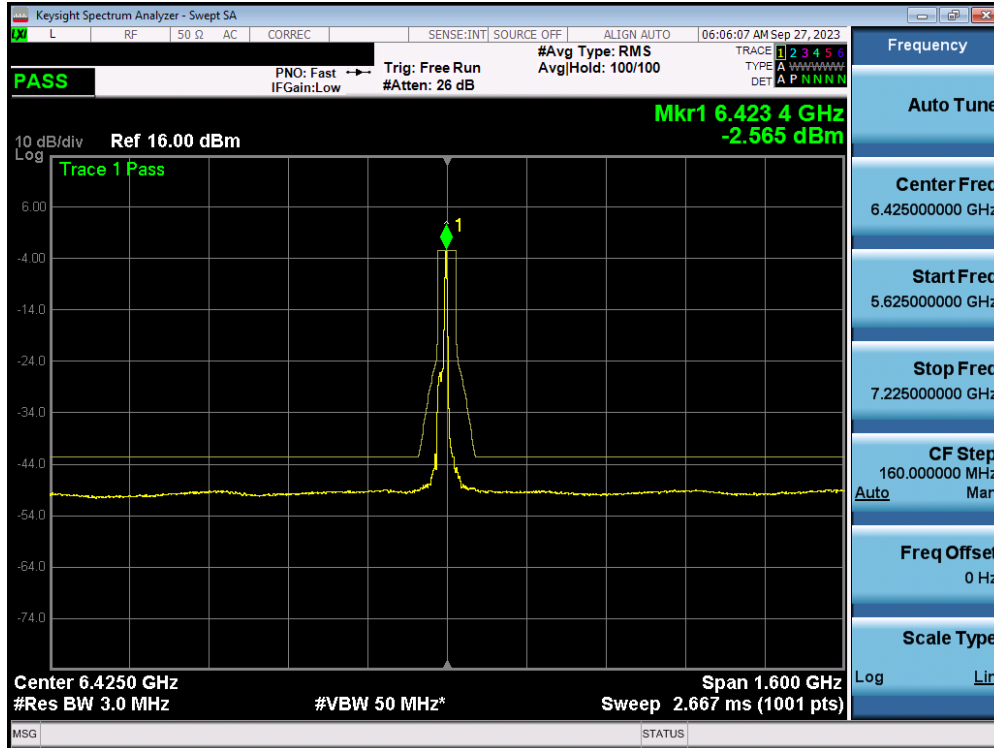


Plot 7-286. In-Band Emission Plot MIMO ANT1 (160MHz BW 802.11ax/be (26 Tones) (UNII Band 6) – Ch. 111) – LPI

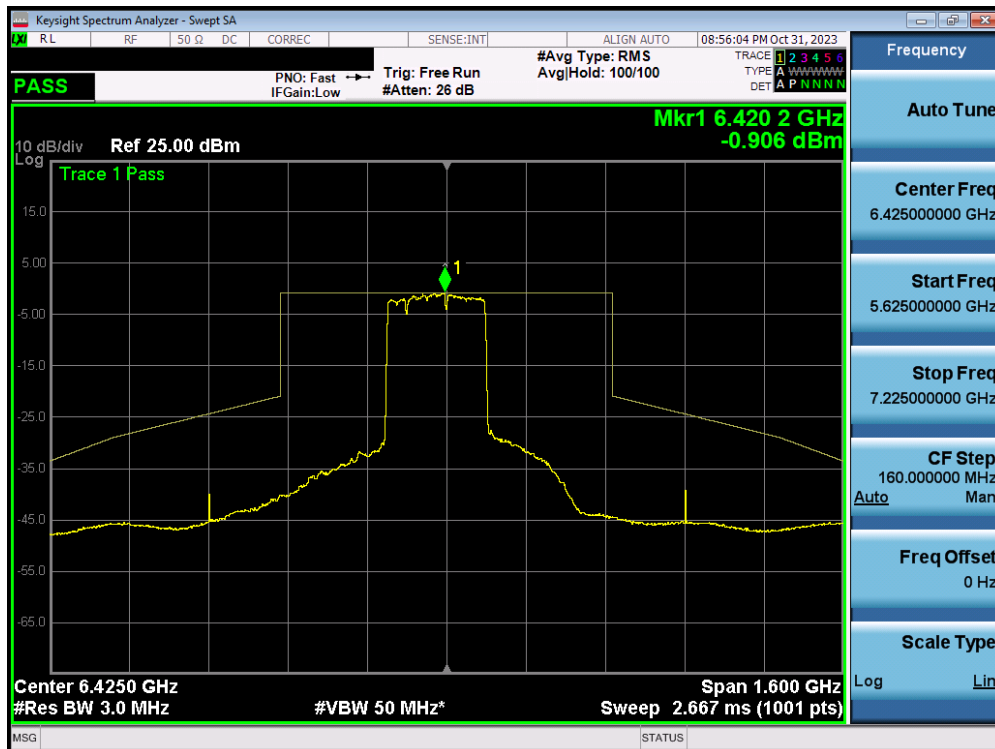


Plot 7-287. In-Band Emission Plot MIMO ANT1 (160MHz BW 802.11ax/be (MRU) (UNII Band 6) – Ch. 111) – LPI – 996+484T

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
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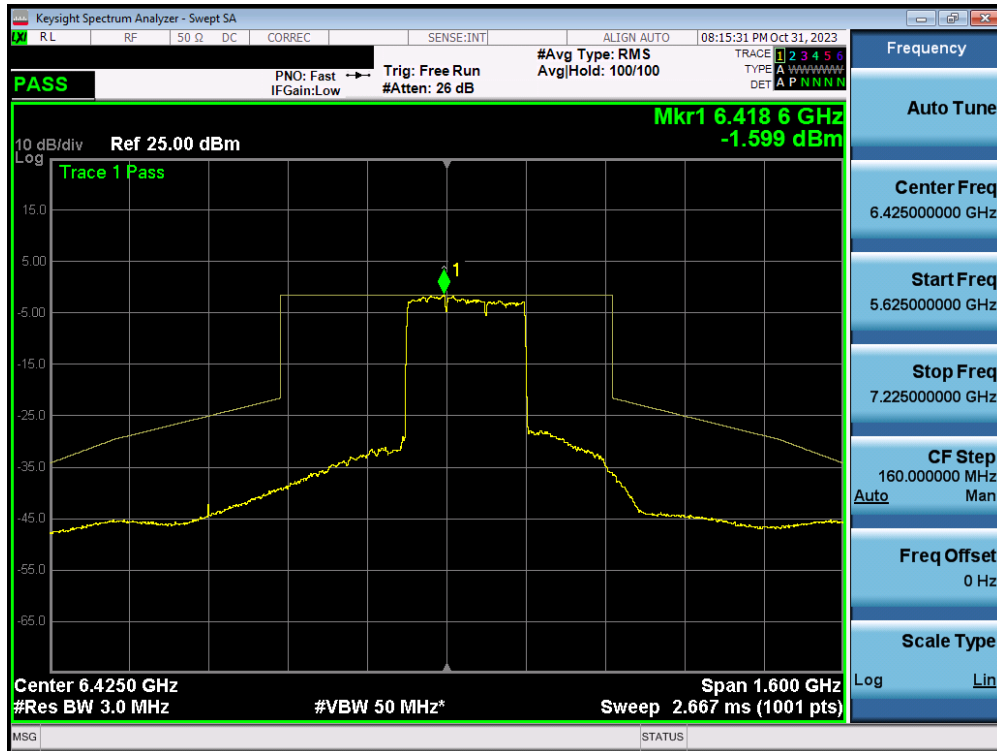


Plot 7-288. In-Band Emission Plot MIMO ANT1 (320MHz BW 802.11ax/be (26 Tones) (UNII Band 5/6/7) – Ch. 95) – LPI

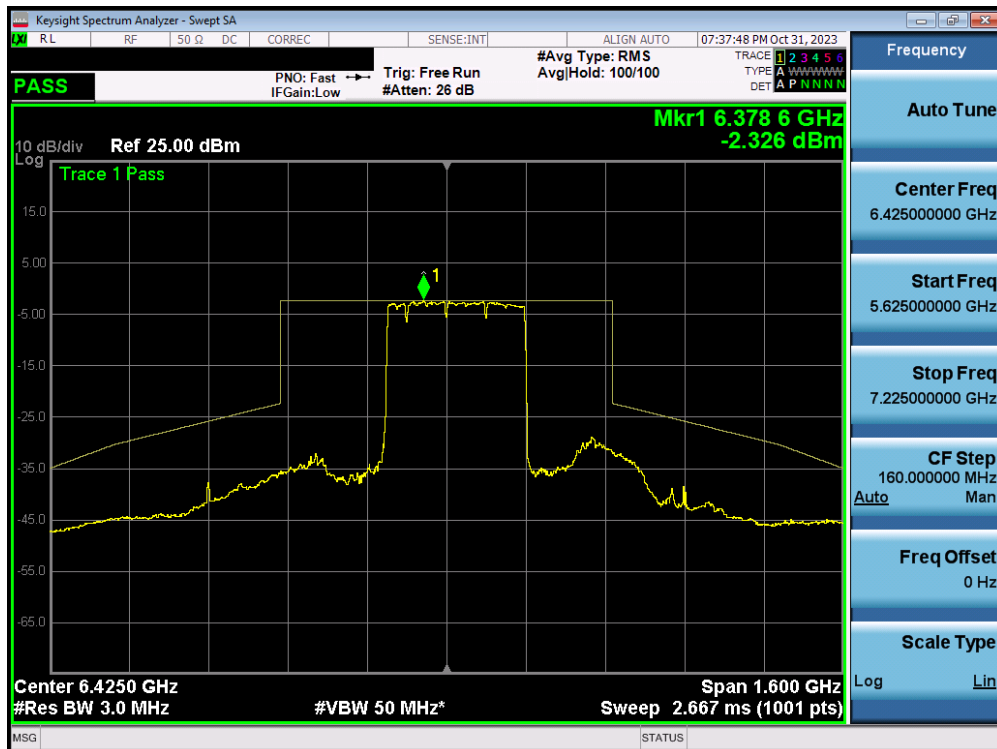


Plot 7-289. In-Band Emission Plot MIMO ANT1 (320MHz BW 802.11ax/be (MRU) (UNII Band 5/6/7) – Ch. 95) – LPI – 2x996+484T

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-290. In-Band Emission Plot MIMO ANT1 (320MHz BW 802.11ax/be (MRU) (UNII Band 5/6/7) – Ch. 95) – LPI – 3x996T



Plot 7-291. In-Band Emission Plot MIMO ANT1 (320MHz BW 802.11ax/be (MRU) (UNII Band 5/6/7) – Ch. 95) – LPI – 3x996+484T

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
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## MIMO Antenna-1 In-Band Emission - (Partial Tones) – (UNII Band 7)

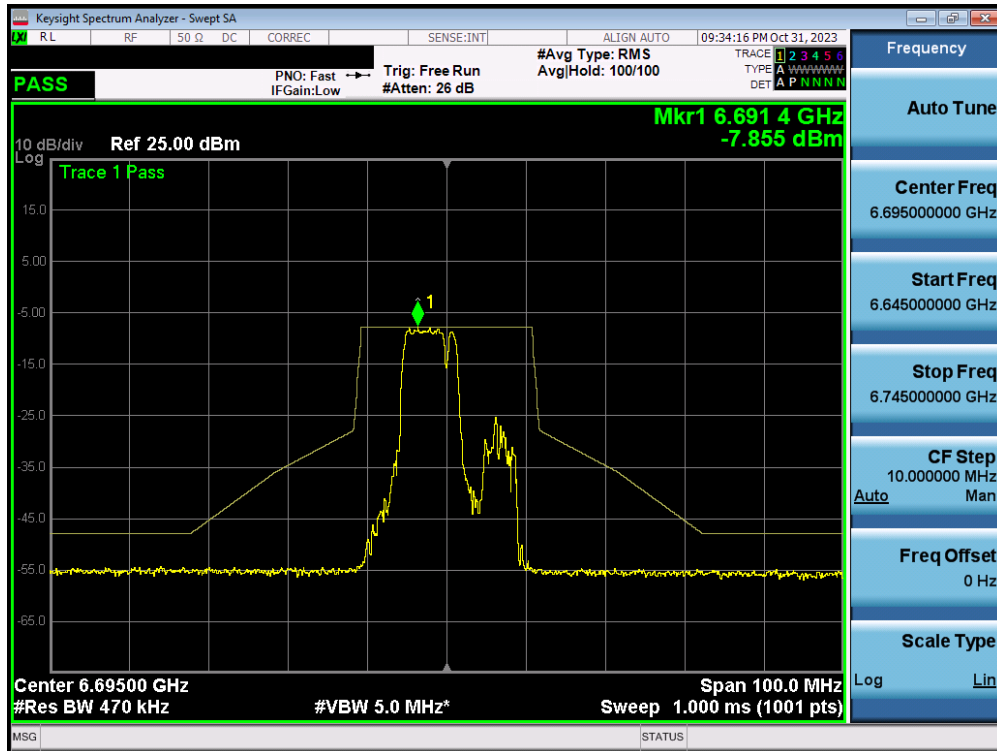


Plot 7-292. In-Band Emission Plot MIMO ANT1 (20MHz BW 802.11ax/be (26 Tones) (UNII Band 7) – Ch. 149) – LPI

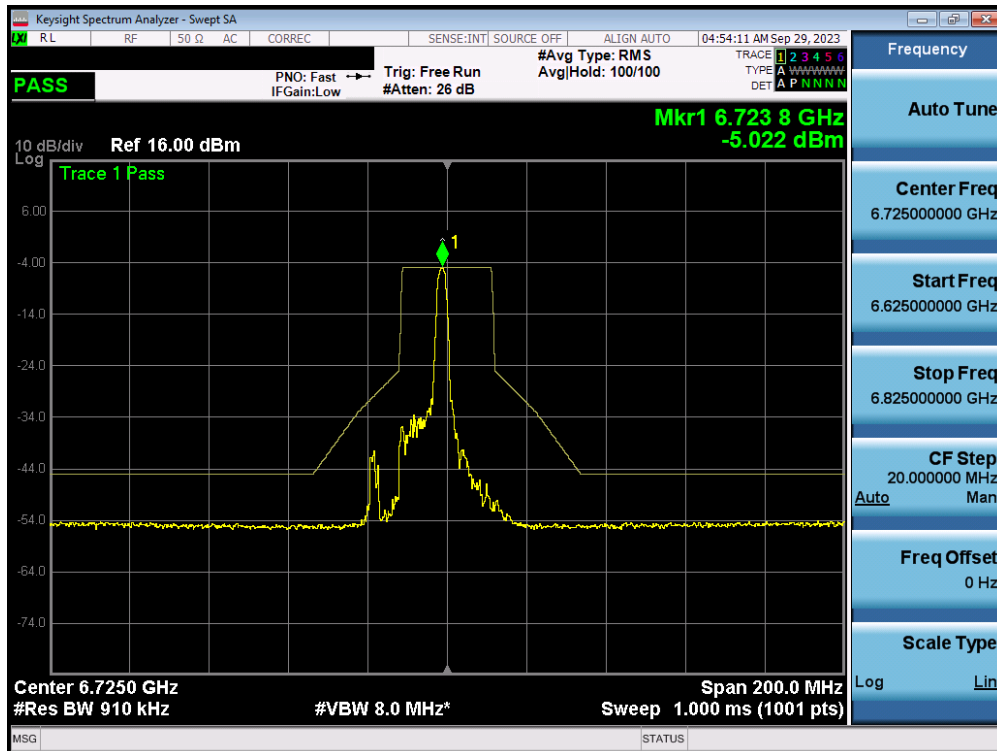


Plot 7-293. In-Band Emission Plot MIMO ANT1 (20MHz BW 802.11ax/be (MRU) (UNII Band 7) – Ch. 149) – LPI – 106+26T

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
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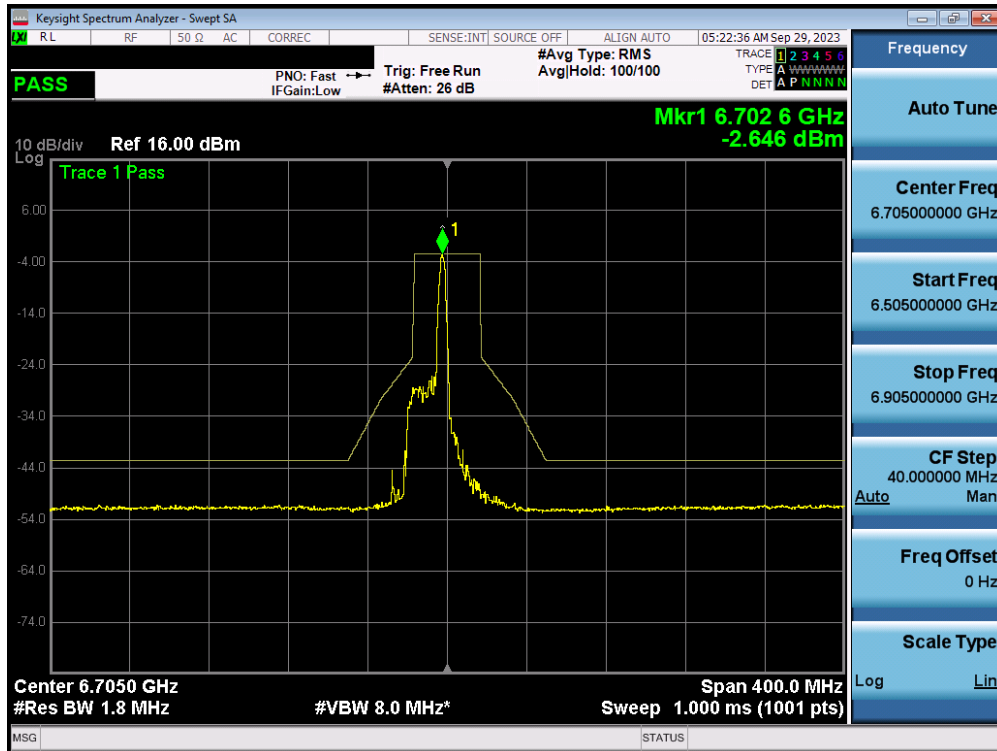
Plot 7-294. In-Band Emission Plot MIMO ANT1 (20MHz BW 802.11ax/be (MRU) (UNII Band 7) – Ch. 149) – LPI – 52+26T



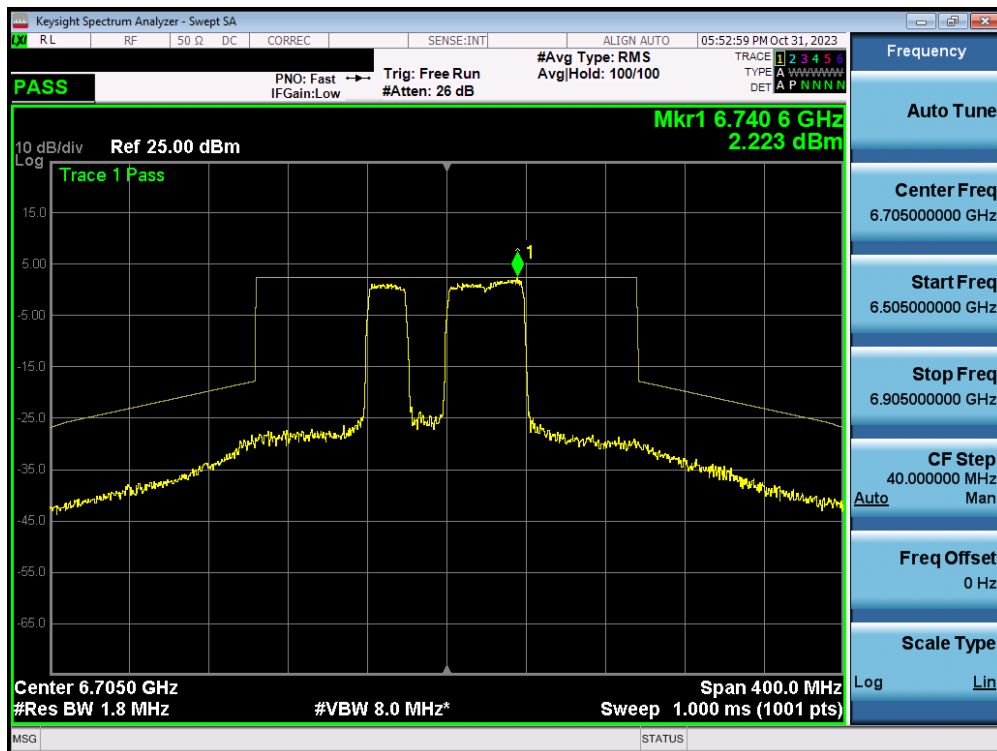
Plot 7-295. In-Band Emission Plot MIMO ANT1 (40MHz BW 802.11ax/be (26 Tones) (UNII Band 7) – Ch. 155) – LPI

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
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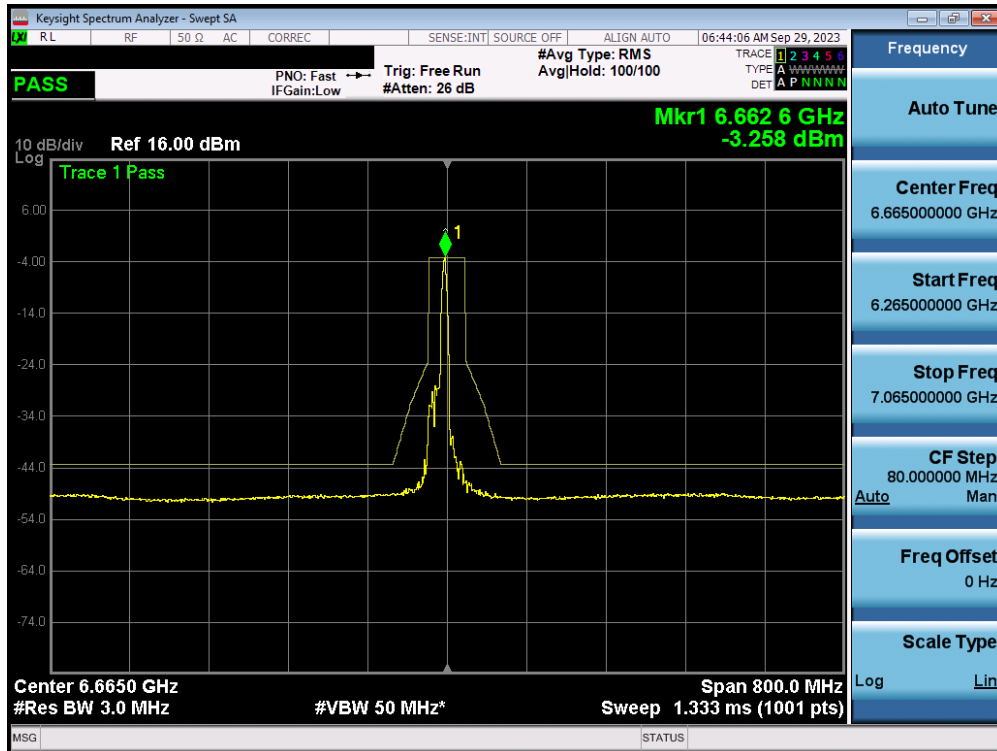
Plot 7-296. In-Band Emission Plot MIMO ANT1 (80MHz BW 802.11ax/be (26 Tones) (UNII Band 7) – Ch. 151) – LPI



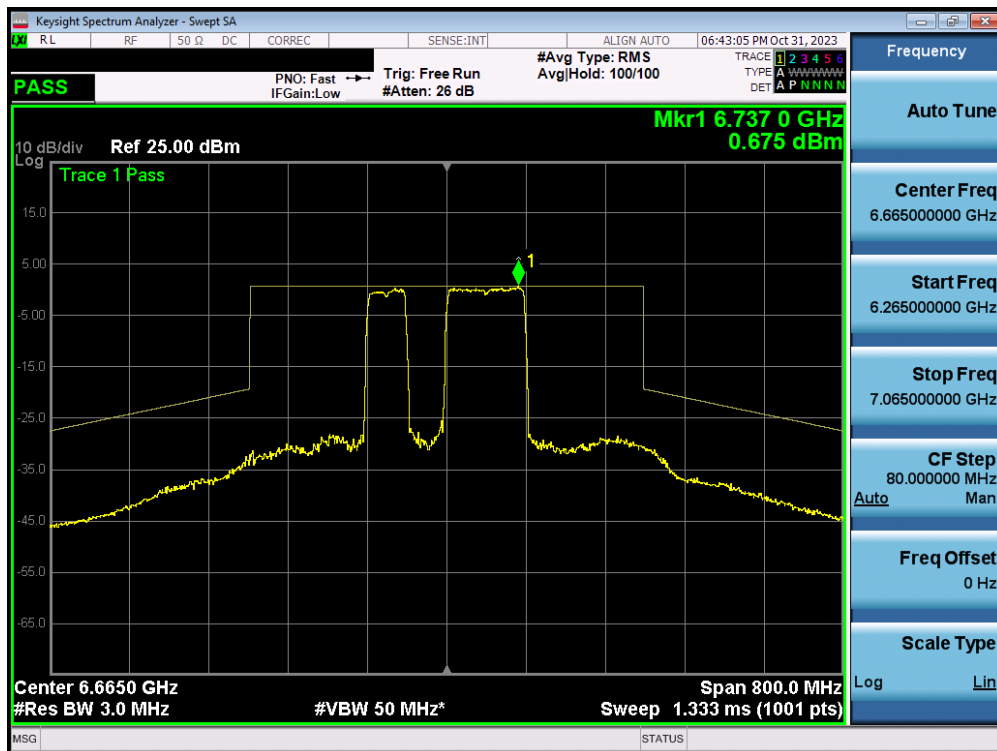
Plot 7-297. In-Band Emission Plot MIMO ANT1 (80MHz BW 802.11ax/be (MRU) (UNII Band 7) – Ch. 151) – LPI – 484+242T

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
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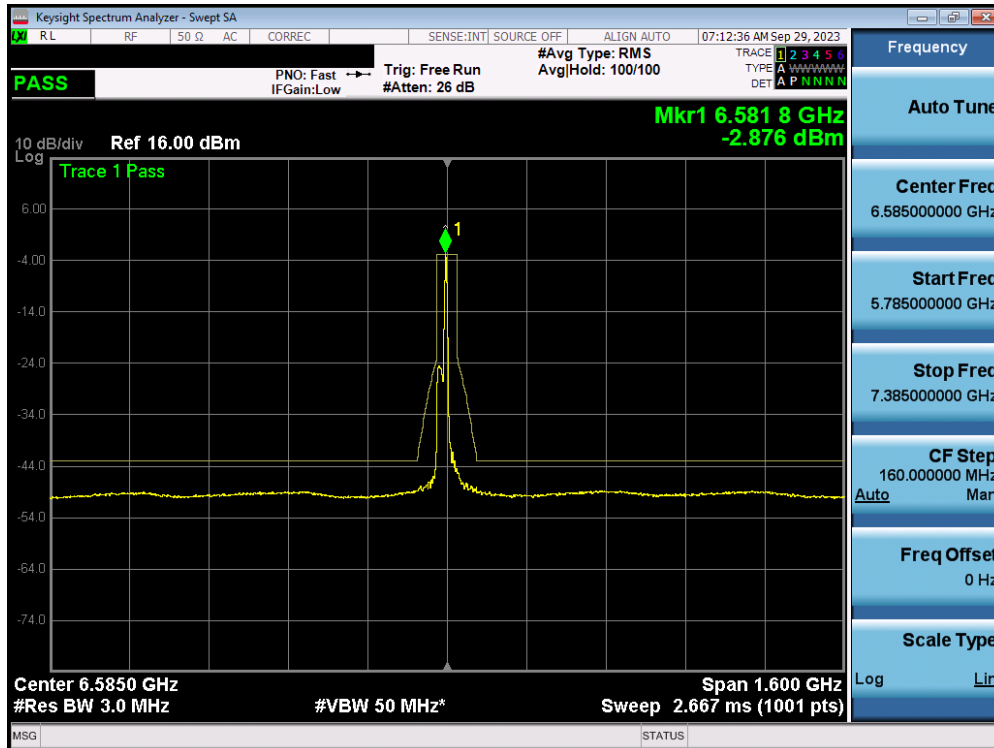


Plot 7-298. In-Band Emission Plot MIMO ANT1 (160MHz BW 802.11ax/be (26 Tones) (UNII Band 7) – Ch. 143) – LPI

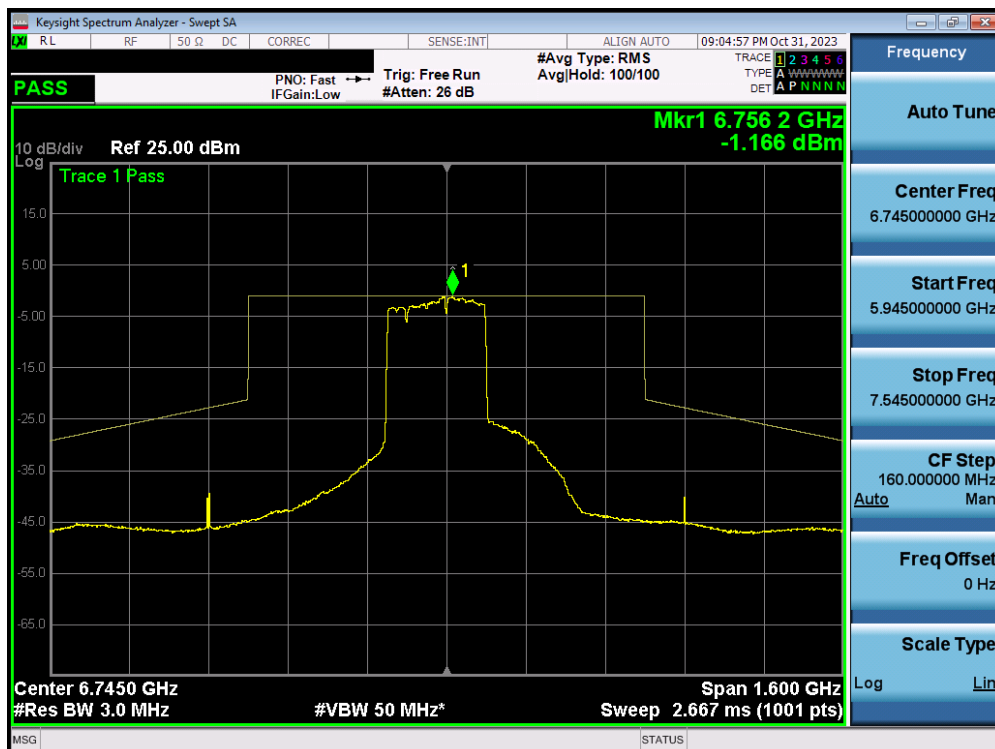


Plot 7-299. In-Band Emission Plot MIMO ANT1 (160MHz BW 802.11ax/be (MRU) (UNII Band 7) – Ch. 143) – LPI – 996+484T

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-300. In-Band Emission Plot MIMO ANT1 (320MHz BW 802.11ax/be (26 Tones) (UNII Band 6/7) – Ch. 127) – LPI



Plot 7-301. In-Band Emission Plot MIMO ANT1 (320MHz BW 802.11ax/be (MRU) (UNII Band 6/7) – Ch. 159) – LPI – 2x996+484T

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
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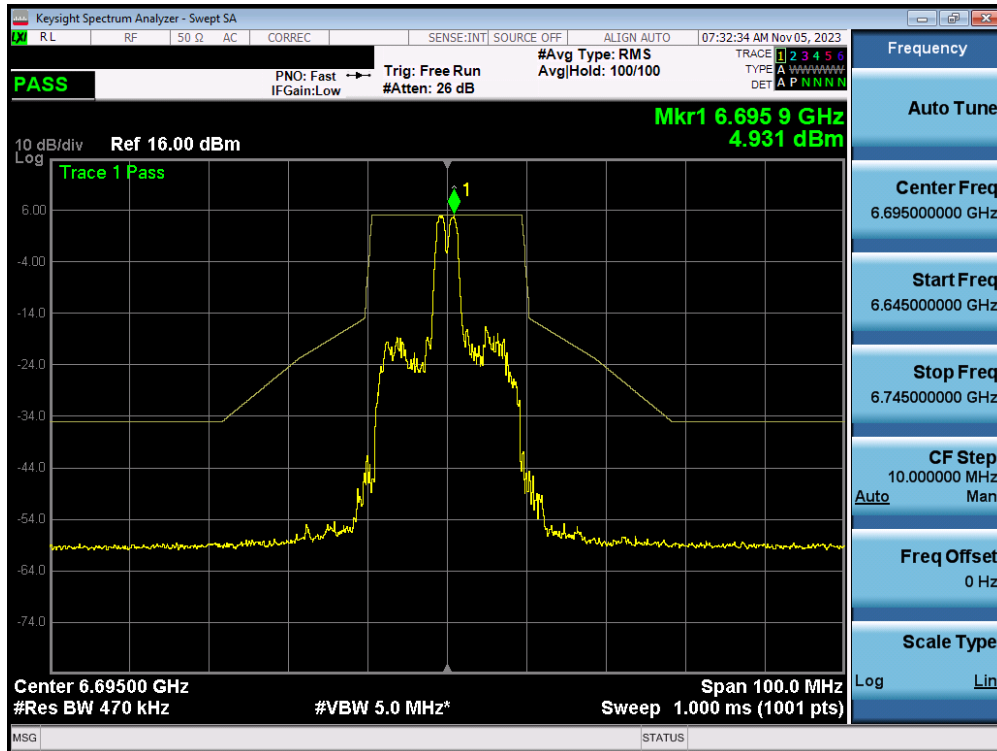


Plot 7-302. In-Band Emission Plot MIMO ANT1 (320MHz BW 802.11ax/be (MRU) (UNII Band 6/7) – Ch. 127) – LPI – 3x996T

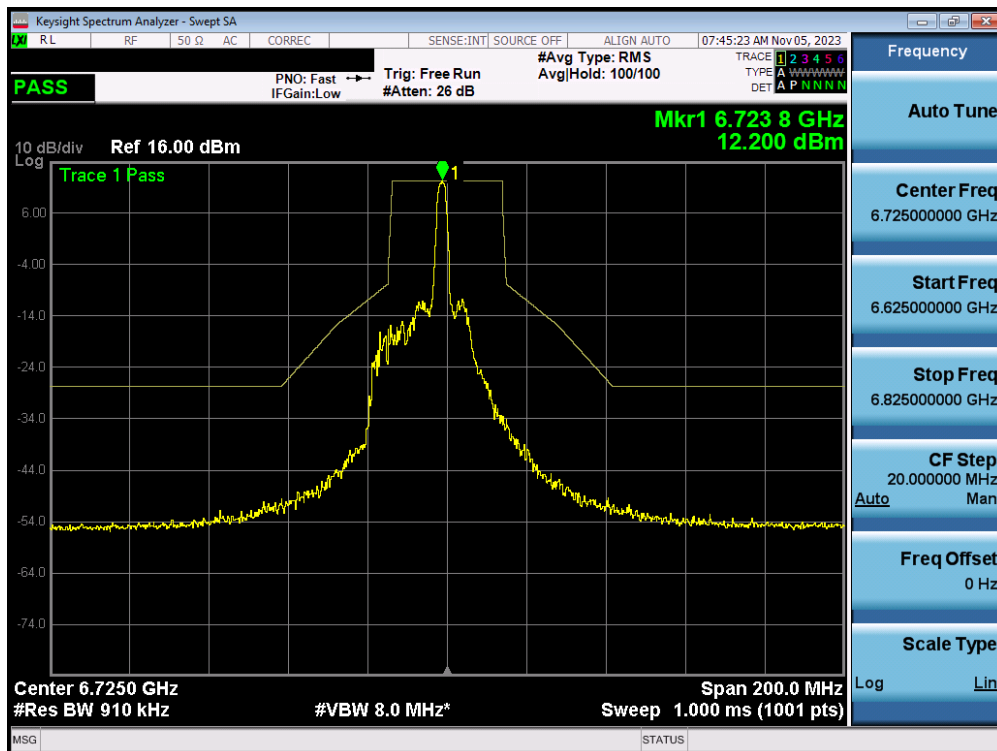


Plot 7-303. In-Band Emission Plot MIMO ANT1 (320MHz BW 802.11ax/be (MRU) (UNII Band 6/7) – Ch. 127) – LPI – 3x996+484T

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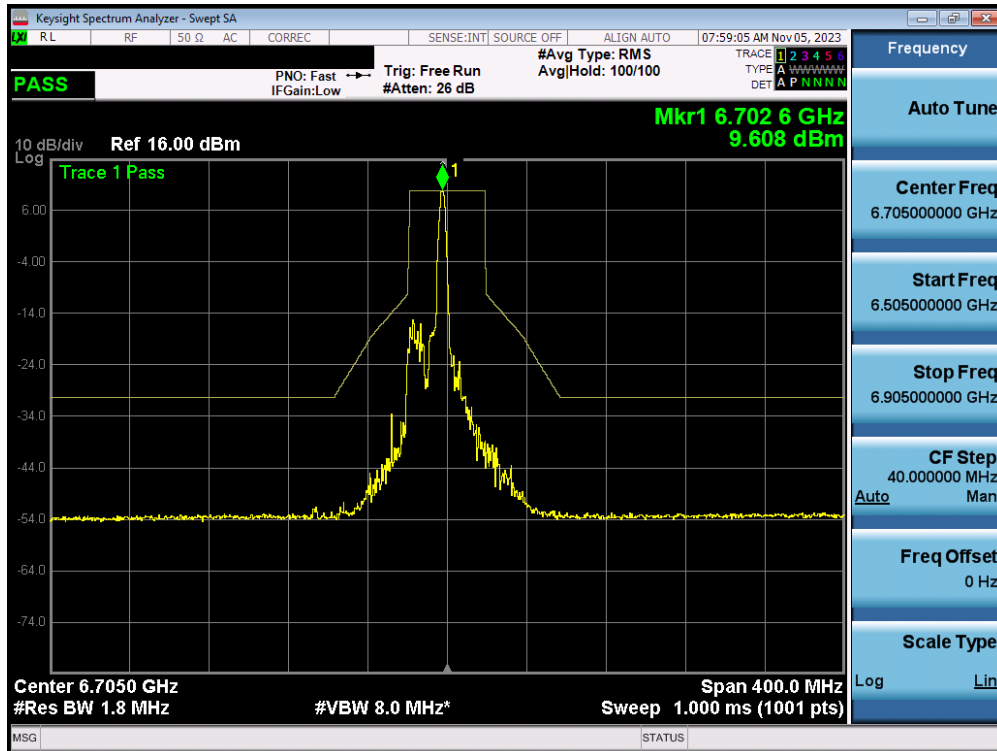


Plot 7-304. In-Band Emission Plot MIMO ANT1 (20MHz BW 802.11ax/be (26 Tones) (UNII Band 7) – Ch. 149) – SP

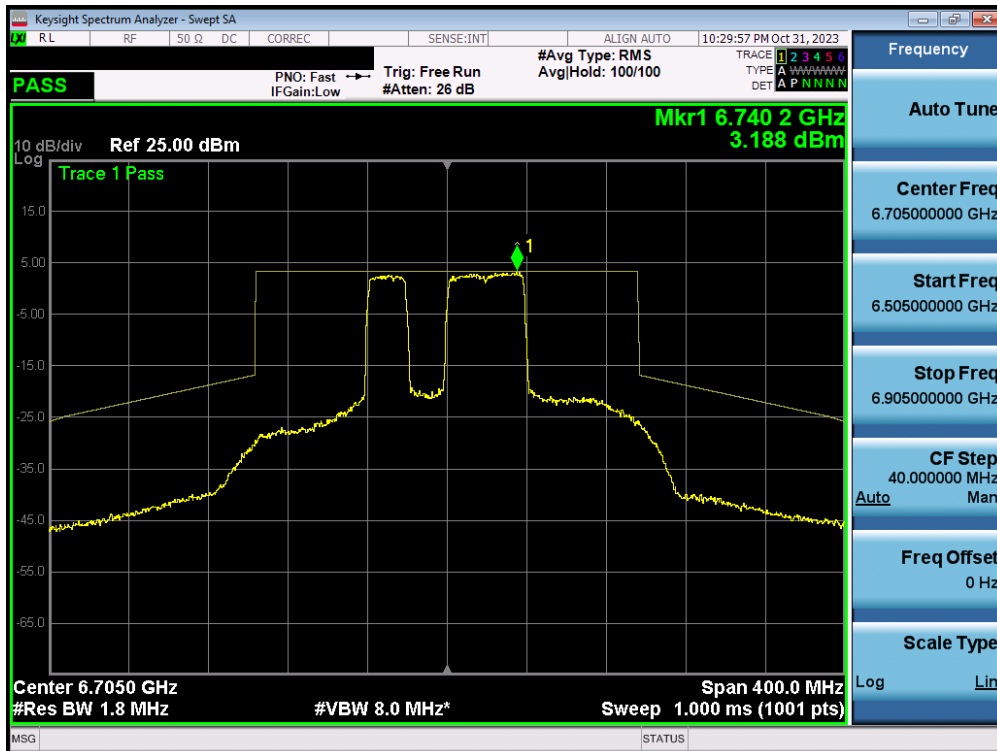


Plot 7-305. In-Band Emission Plot MIMO ANT1 (40MHz BW 802.11ax/be (26 Tones) (UNII Band 7) – Ch. 155) – SP

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
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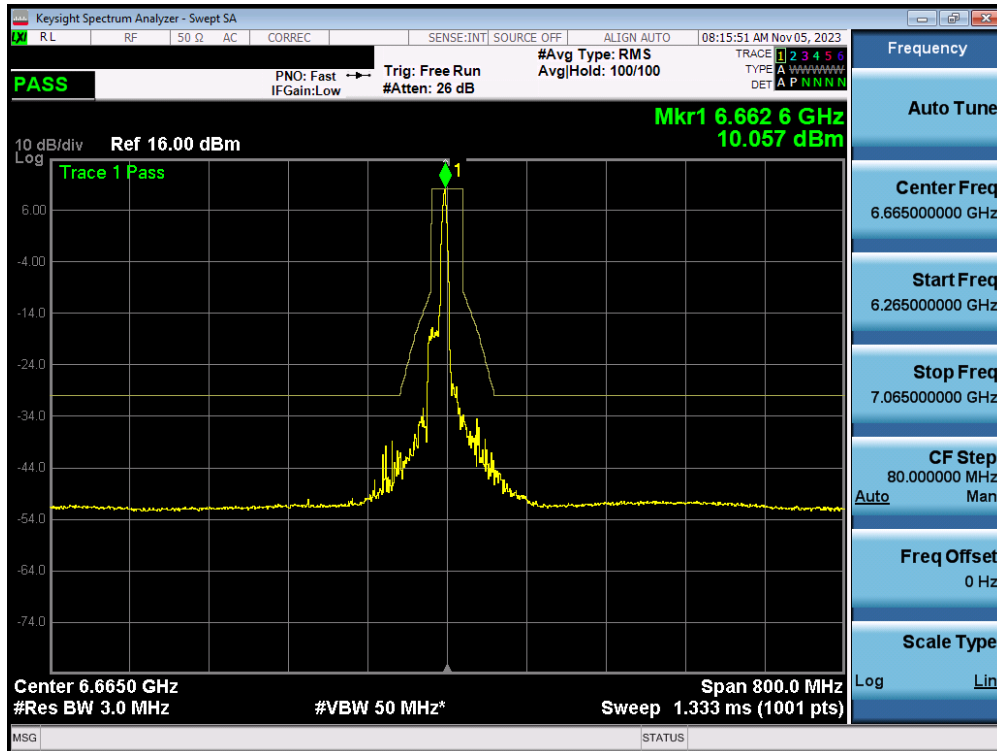


Plot 7-306. In-Band Emission Plot MIMO ANT1 (80MHz BW 802.11ax/be (26 Tones) (UNII Band 7) – Ch. 151) – SP



Plot 7-307. In-Band Emission Plot MIMO ANT1 (80MHz BW 802.11ax/be (MRU) (UNII Band 7) – Ch. 151) – SP – 484+242T

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
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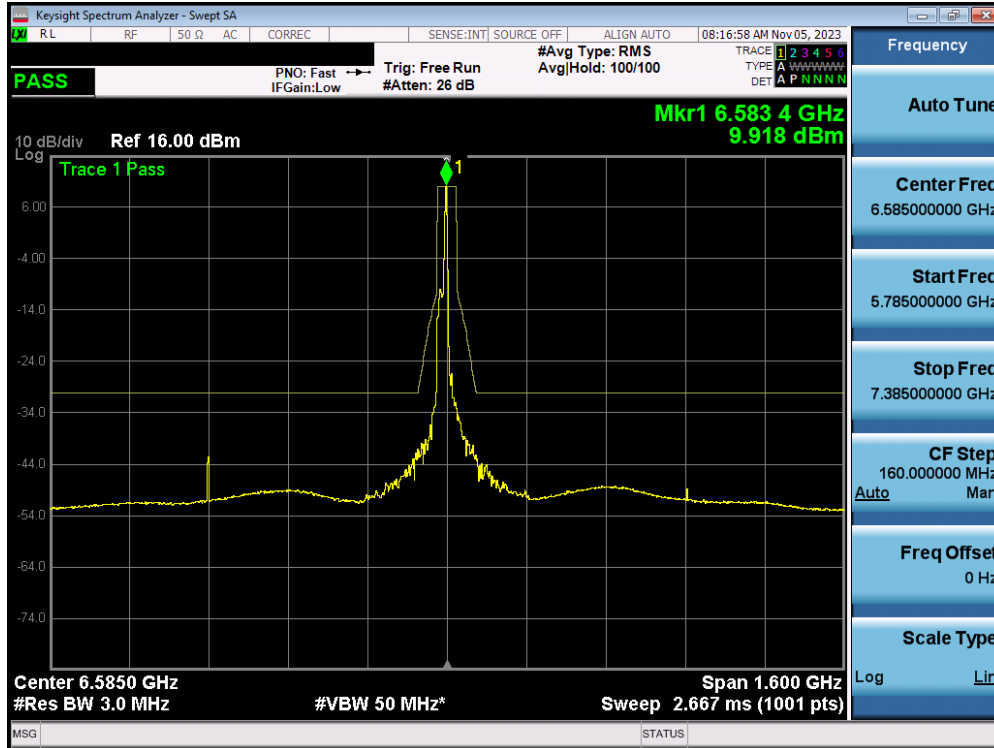


Plot 7-308. In-Band Emission Plot MIMO ANT1 (160MHz BW 802.11ax/be (26 Tones) (UNII Band 7) – Ch. 143) – SP



Plot 7-309. In-Band Emission Plot MIMO ANT1 (160MHz BW 802.11ax/be (MRU) (UNII Band 7) – Ch. 143) – SP – 996+484T

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-310. In-Band Emission Plot MIMO ANT1 (320MHz BW 802.11ax/be (26 Tones) (UNII Band 6/7) – Ch. 127) – SP



Plot 7-311. In-Band Emission Plot MIMO ANT1 (320MHz BW 802.11ax/be (MRU) (UNII Band 7) – Ch. 159) – SP – 2x996+484T

FCC ID: A3LSMS928JPN	<b>MEASUREMENT REPORT</b>		Approved by: Technical Manager
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Plot 7-312. In-Band Emission Plot MIMO ANT1 (320MHz BW 802.11ax/be (MRU) (UNII Band 7) – Ch. 159) – SP – 3x996T



Plot 7-313. In-Band Emission Plot MIMO ANT1 (320MHz BW 802.11ax/be (MRU) (UNII Band 7) – Ch. 159) – SP – 3x996+484T

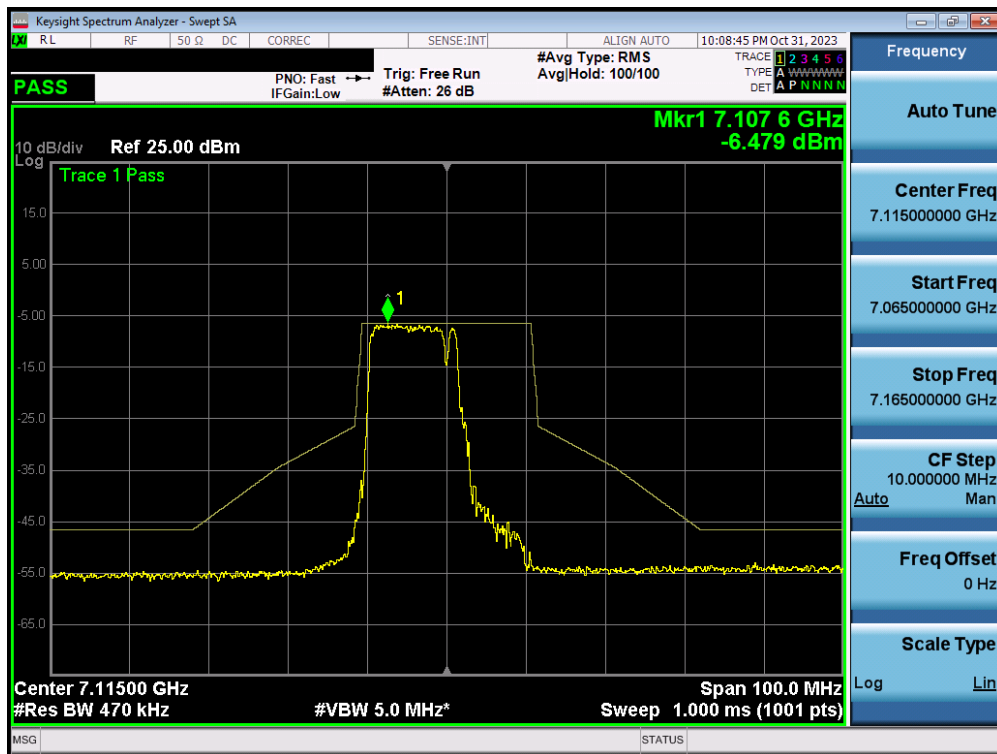
FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
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## MIMO Antenna-1 In-Band Emission - (Partial Tones) – (UNII Band 8)

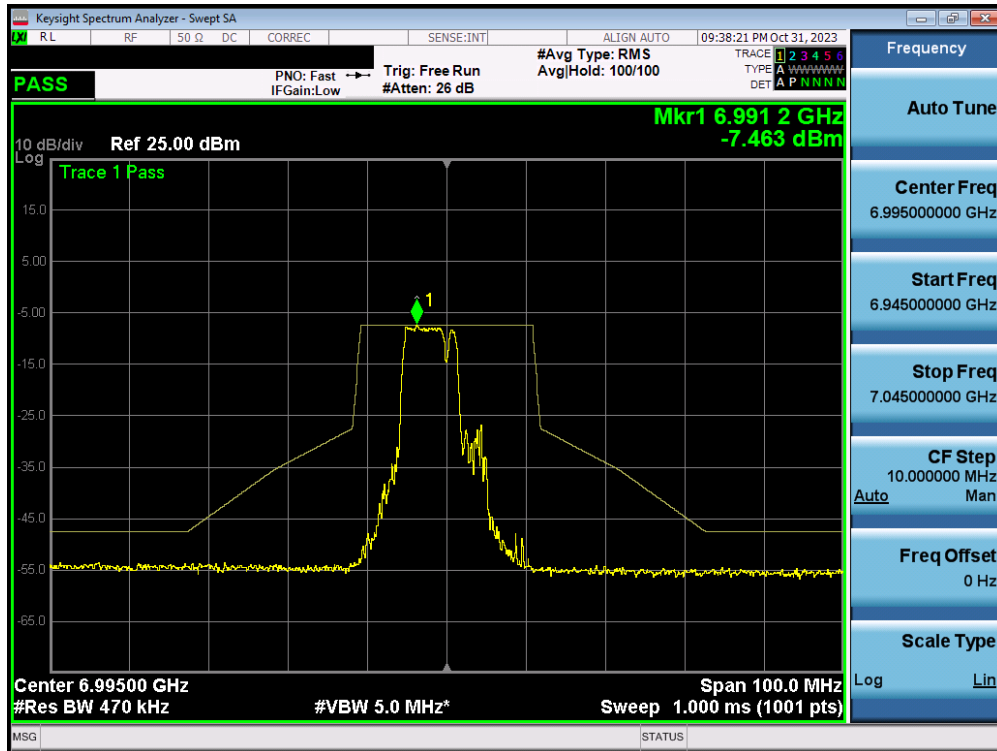


Plot 7-314. In-Band Emission Plot MIMO ANT1 (20MHz BW 802.11ax/be (26 Tones) (UNII Band 8) – Ch. 209) – LPI

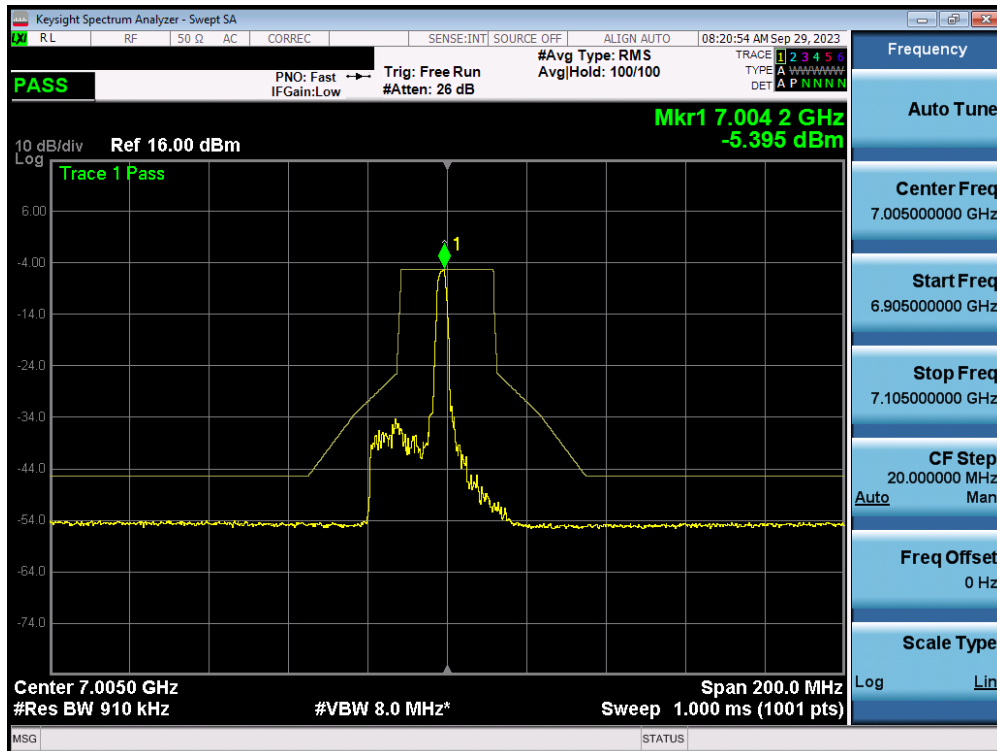


Plot 7-315. In-Band Emission Plot MIMO ANT1 (20MHz BW 802.11ax/be (MRU) (UNII Band 8) – Ch. 233) – LPI – 106+26T

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
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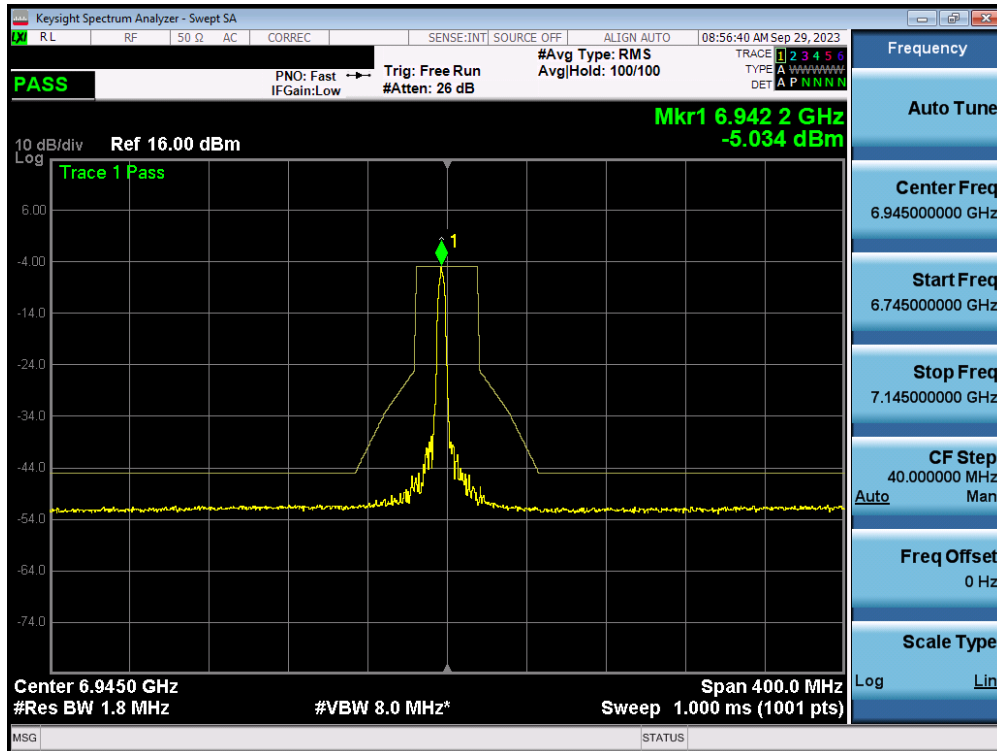


Plot 7-316. In-Band Emission Plot MIMO ANT1 (20MHz BW 802.11ax/be (MRU) (UNII Band 8) – Ch. 209) – LPI – 52+26T

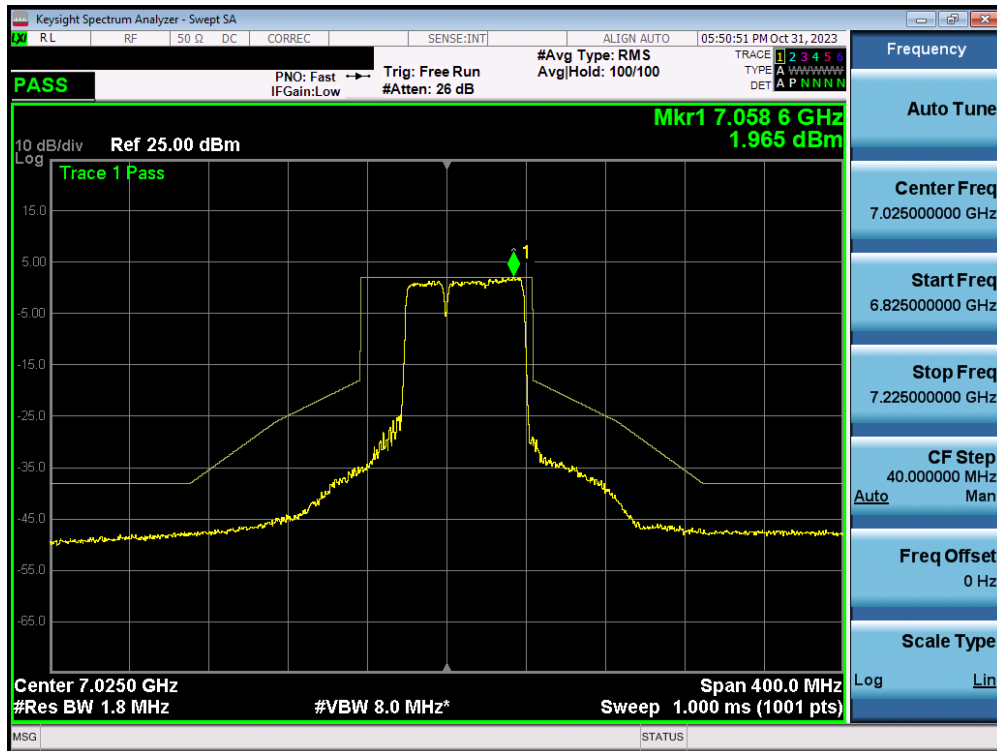


Plot 7-317. In-Band Emission Plot MIMO ANT1 (40MHz BW 802.11ax/be (26 Tones) (UNII Band 8) – Ch. 211) – LPI

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
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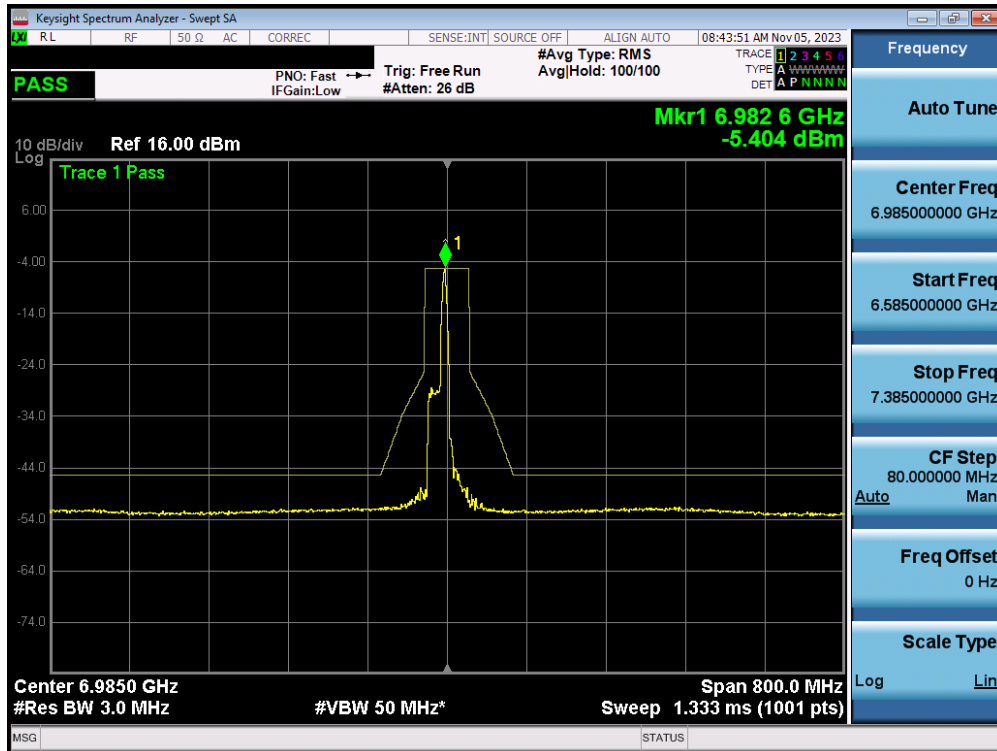


Plot 7-318. In-Band Emission Plot MIMO ANT1 (80MHz BW 802.11ax/be (26 Tones) (UNII Band 8) – Ch. 199) – LPI



Plot 7-319. In-Band Emission Plot MIMO ANT1 (80MHz BW 802.11ax/be (MRU) (UNII Band 8) – Ch. 215) – LPI – 484+242T

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
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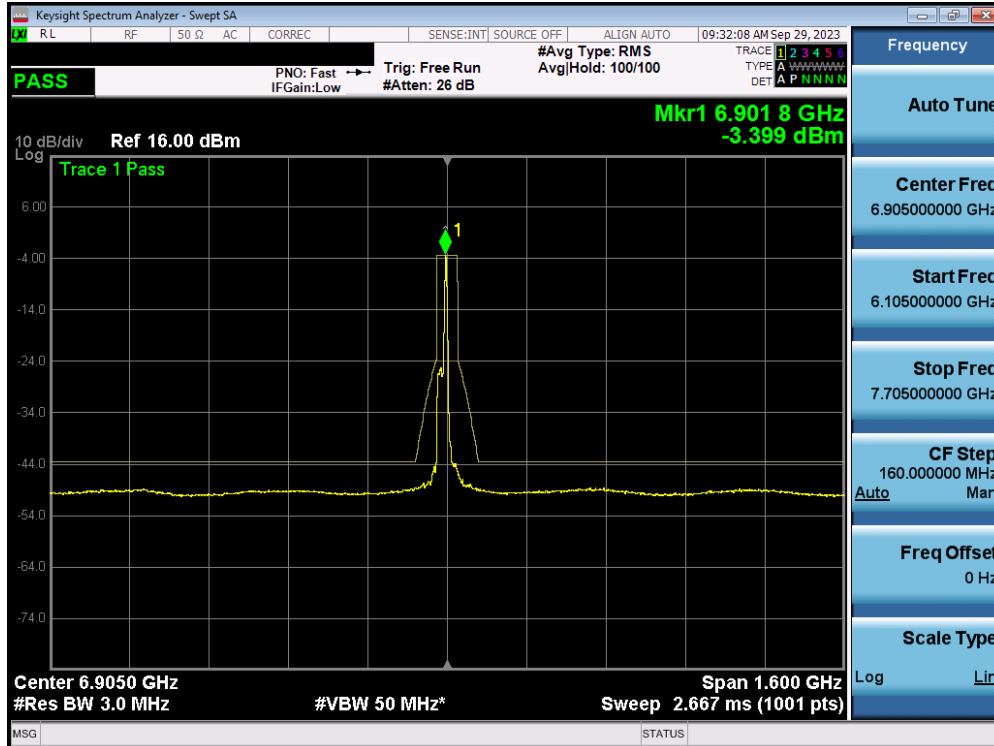


Plot 7-320. In-Band Emission Plot MIMO ANT1 (160MHz BW 802.11ax/be (26 Tones) (UNII Band 8) – Ch. 207) – LPI



Plot 7-321. In-Band Emission Plot MIMO ANT1 (160MHz BW 802.11ax/be (MRU) (UNII Band 8) – Ch. 207) – LPI – 996+484T

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-322. In-Band Emission Plot MIMO ANT1 (320MHz BW 802.11ax/be (26 Tones) (UNII Band 7/8) – Ch. 191) – LPI



Plot 7-323. In-Band Emission Plot MIMO ANT1 (320MHz BW 802.11ax/be (MRU) (UNII Band 7/8) – Ch. 191) – LPI – 2x996+484T

FCC ID: A3LSMS928JPN	MEASUREMENT REPORT		Approved by: Technical Manager
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