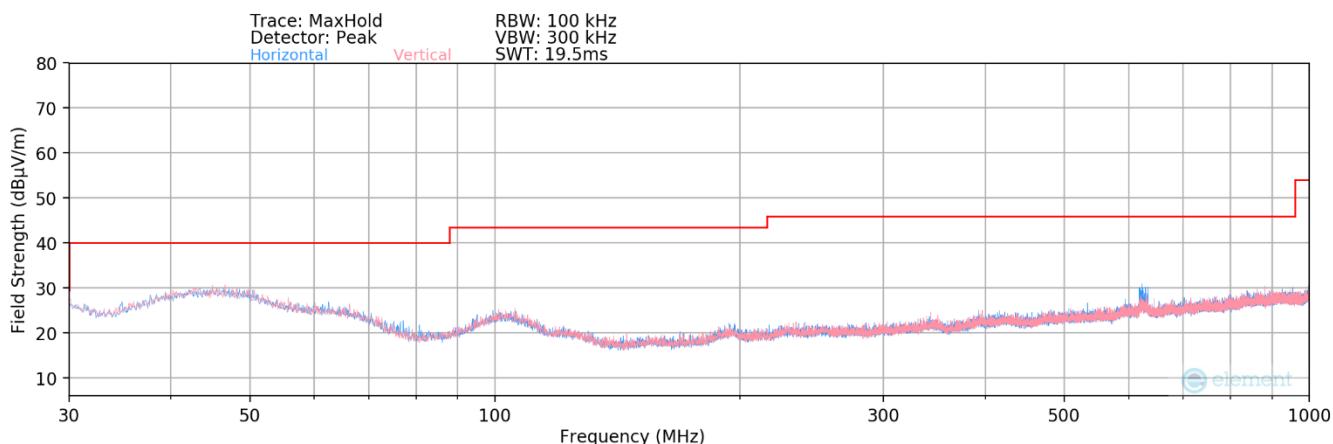
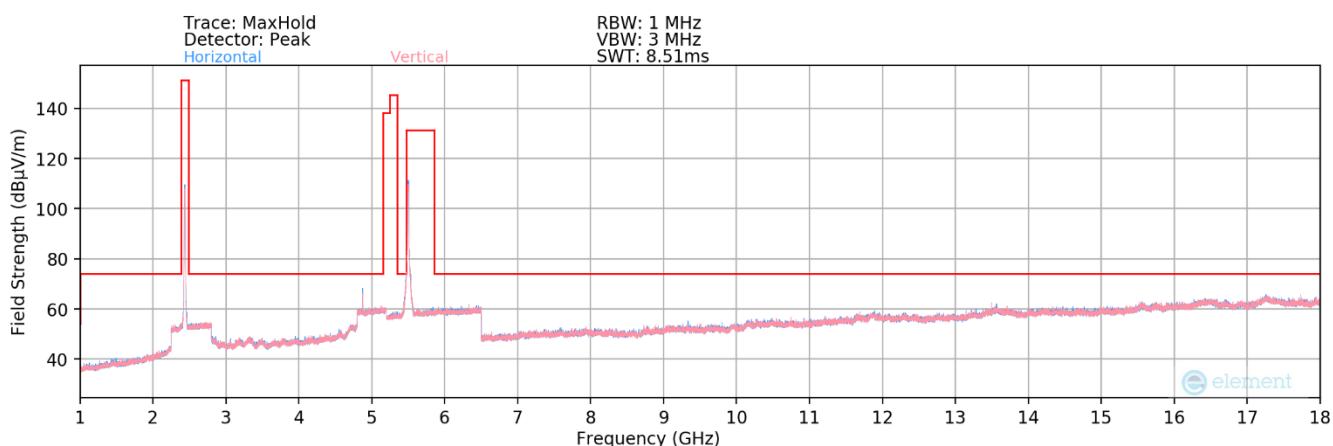


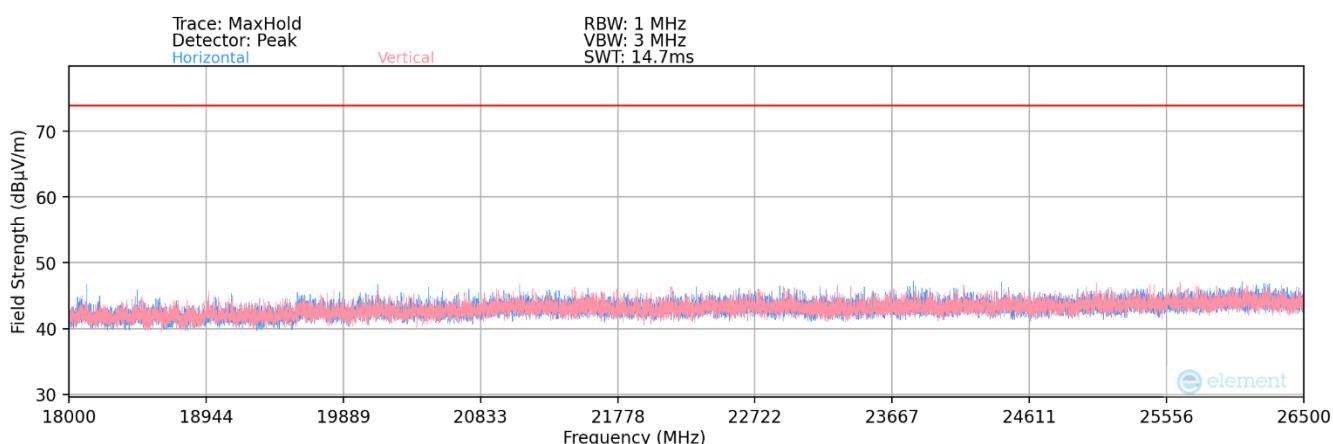
7.6.2 MIMO Radiated Spurious Emission Measurements – Simultaneous Transmission



Plot 7-130. Radiated Spurious Plot below 1GHz MIMO 802.11b (2.4GHz – Ch.6) + MIMO 802.11a (5GHz – Ch.100)

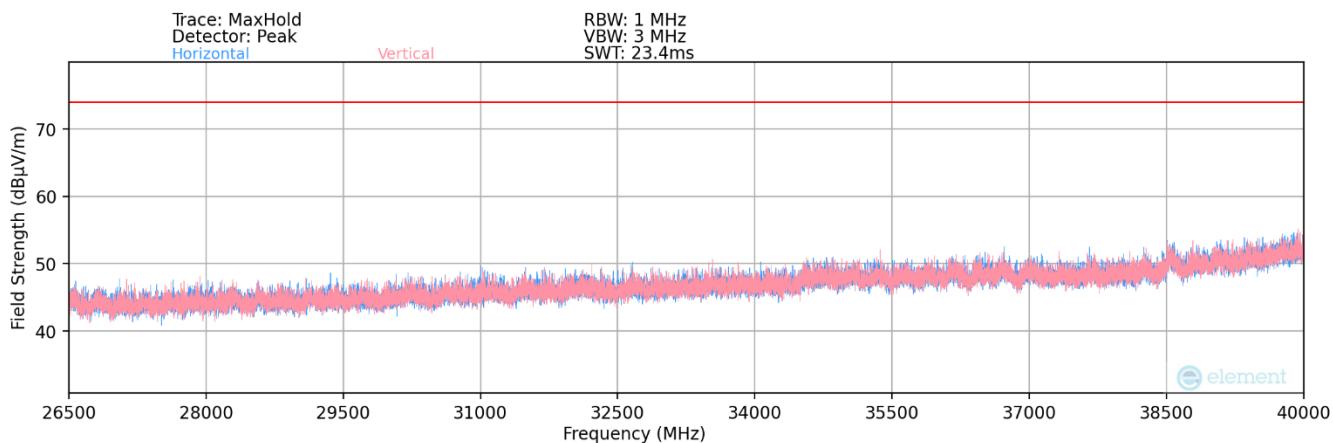


Plot 7-131. Radiated Spurious Plot above 1GHz MIMO 802.11b (2.4GHz – Ch.6) + MIMO 802.11a (5GHz – Ch.100)



Plot 7-132. Radiated Spurious Plot 18GHz – 26.5GHz MIMO 802.11b (2.4GHz – Ch.6) + MIMO 802.11a (5GHz – Ch.100)

FCC ID: A3LSMS936B	MEASUREMENT REPORT			Approved by: Technical Manager
Test Report S/N: 1M2408260066-17.A3L	Test Dates: 09/03/2024 – 11/5/2024	EUT Type: Portable Handset		Page 124 of 156



Plot 7-133. Radiated Spurious Plot 26.5GHz – 40GHz MIMO 802.11b (2.4GHz – Ch.6) + MIMO 802.11a (5GHz – Ch.100)

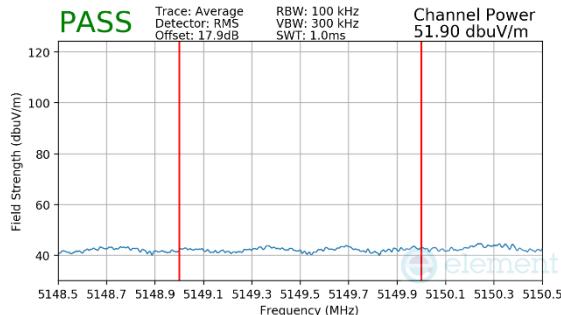
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
626.00	Peak	H	187.00	280.00	-61.70	-4.73	40.57	68.20	-27.63
7937.00	Peak	H	319.00	3.00	-71.08	17.24	53.16	68.20	-15.04
8563.00	Peak	H	-	-	-73.65	17.49	50.84	68.20	-17.36
11626.00	Average	H	-	-	-86.11	23.26	44.15	53.98	-9.83
11626.00	Peak	H	-	-	-74.15	23.26	56.11	73.98	-17.87
13437.00	Peak	H	-	-	-76.27	25.19	55.92	68.20	-12.28

Table 7-70. Radiated Measurements MIMO 2.4GHz + 5GHz

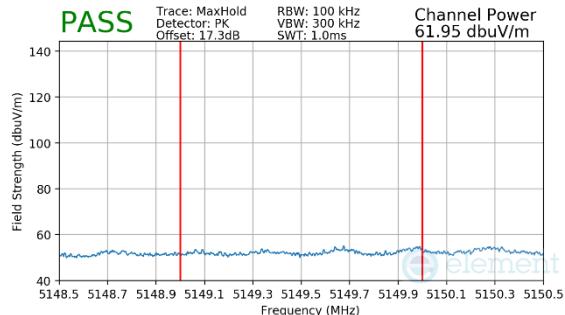
FCC ID: A3LSMS936B	MEASUREMENT REPORT				Approved by: Technical Manager
Test Report S/N: 1M2408260066-17.A3L	Test Dates: 09/03/2024 – 11/5/2024	EUT Type: Portable Handset			

7.6.3 MIMO Radiated Band Edge Measurements (20MHz BW)

Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS8
 Distance of Measurements: 3 Meters
 Operating Frequency: 5180MHz
 Channel: 36

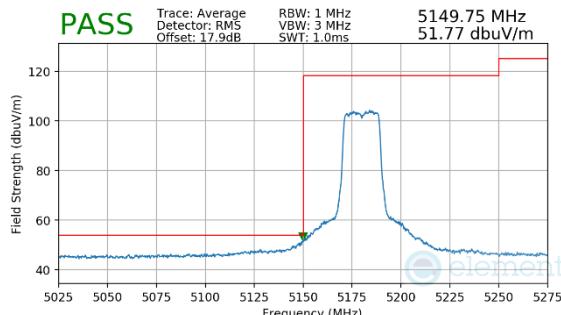


Plot 7-134. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1)

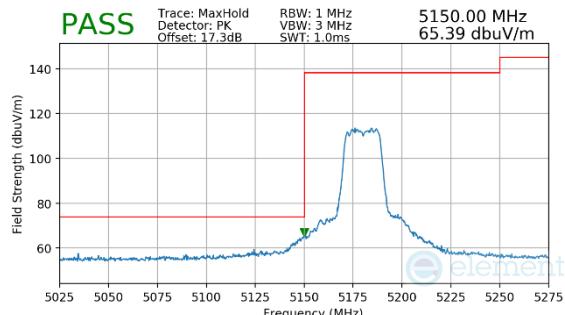


Plot 7-135. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1)

Worst Case Mode: 802.11ac
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5320MHz
 Channel: 64



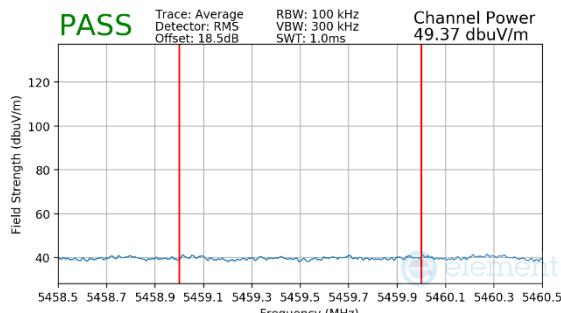
Plot 7-136. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A)



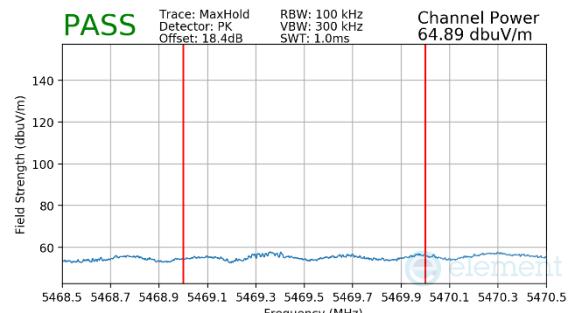
Plot 7-137. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A)

FCC ID: A3LSMS936B	MEASUREMENT REPORT			Approved by: Technical Manager
Test Report S/N: 1M2408260066-17.A3L	Test Dates: 09/03/2024 – 11/5/2024	EUT Type: Portable Handset		Page 126 of 156

Worst Case Mode: 802.11a
 Worst Case Transfer Rate: 6M
 Distance of Measurements: 3 Meters
 Operating Frequency: 5500MHz
 Channel: 100

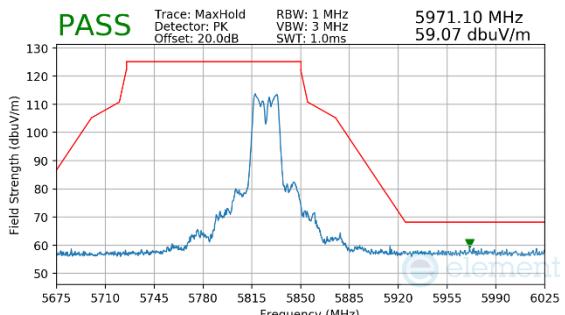


Plot 7-138. Radiated Lower Band Edge Plot MIMO (Average - UNII Band 2C)



Plot 7-139. Radiated Lower Band Edge Plot MIMO (Peak - UNII Band 2C)

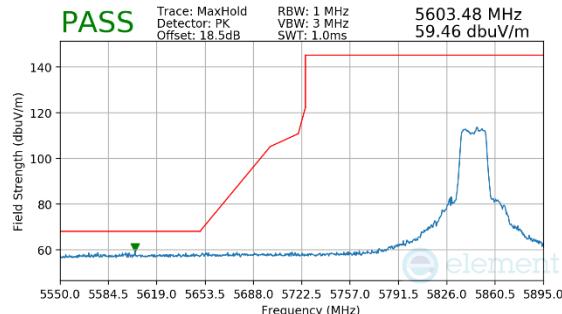
Worst Case Mode: 802.11ac
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5825MHz
 Channel: 165



Plot 7-140. Radiated Upper Band Edge Plot MIMO (Peak - UNII Band 3)

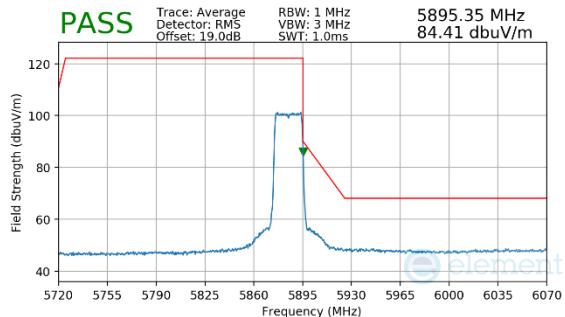
FCC ID: A3LSMS936B	MEASUREMENT REPORT			Approved by: Technical Manager
Test Report S/N: 1M2408260066-17.A3L	Test Dates: 09/03/2024 – 11/5/2024	EUT Type: Portable Handset	Page 127 of 156	

Worst Case Mode: 802.11ac
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5845MHz
 Channel: 169

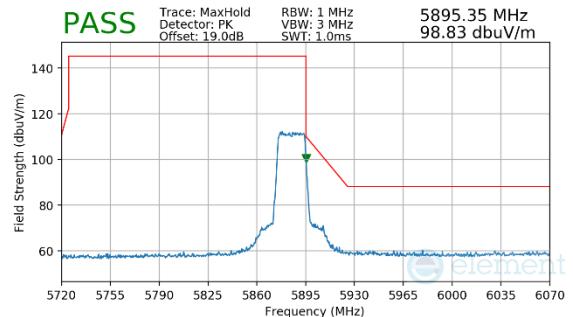


**Plot 7-141. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 4)**

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5885MHz
 Channel: 177



**Plot 7-142. Radiated Upper Band Edge Plot MIMO
(Average – UNII Band 4)**

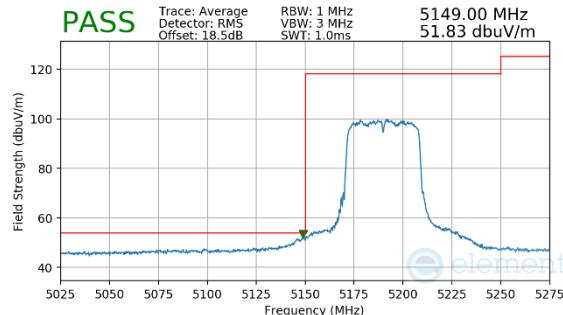


**Plot 7-143. Radiated Upper Band Edge Plot MIMO
(Peak – UNII Band 4)**

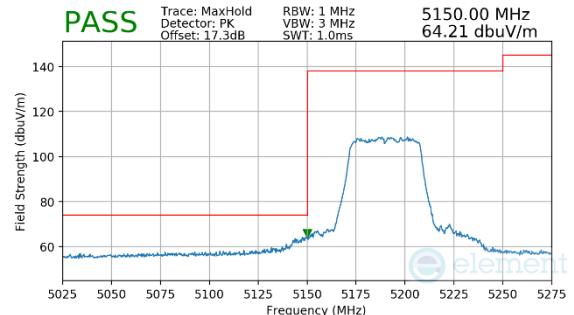
FCC ID: A3LSMS936B	MEASUREMENT REPORT			Approved by: Technical Manager
Test Report S/N: 1M2408260066-17.A3L	Test Dates: 09/03/2024 – 11/5/2024	EUT Type: Portable Handset	Page 128 of 156	

7.6.4 MIMO Radiated Band Edge Measurements (40MHz BW)

Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS8
 Distance of Measurements: 3 Meters
 Operating Frequency: 5190MHz
 Channel: 38

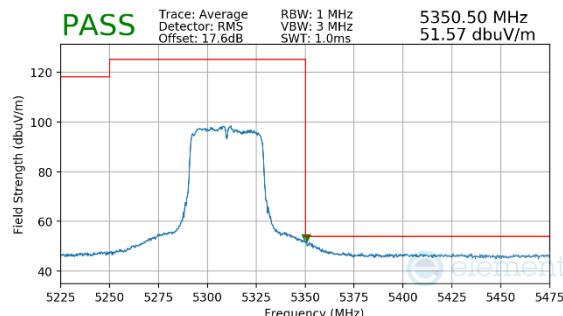


Plot 7-144. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1)

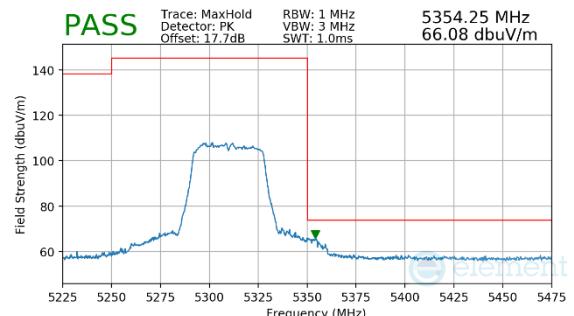


Plot 7-145. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1)

Worst Case Mode: 802.11ac
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5310MHz
 Channel: 62



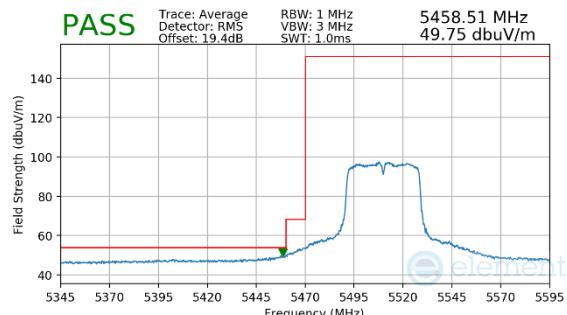
Plot 7-146. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A)



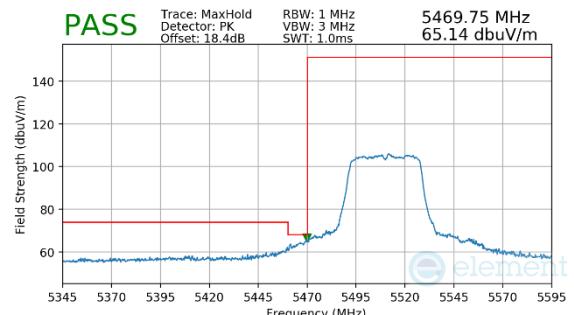
Plot 7-147. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A)

FCC ID: A3LSMS936B	MEASUREMENT REPORT			Approved by: Technical Manager
Test Report S/N: 1M2408260066-17.A3L	Test Dates: 09/03/2024 – 11/5/2024	EUT Type: Portable Handset		Page 129 of 156

Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5510MHz
 Channel: 102

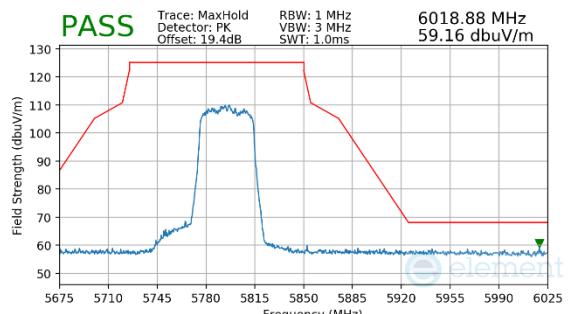


**Plot 7-148. Radiated Lower Band Edge Plot MIMO
(Average – UNII Band 2C)**



**Plot 7-149. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 2C)**

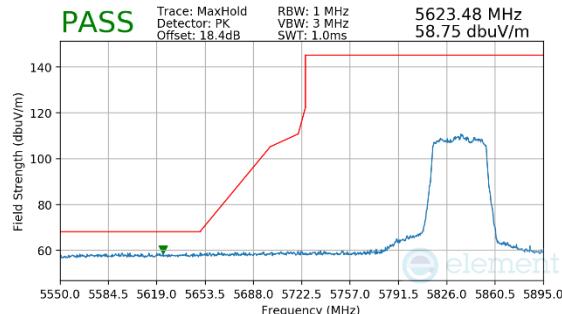
Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5795MHz
 Channel: 159



**Plot 7-150. Radiated Upper Band Edge Plot MIMO
(Peak – UNII Band 3)**

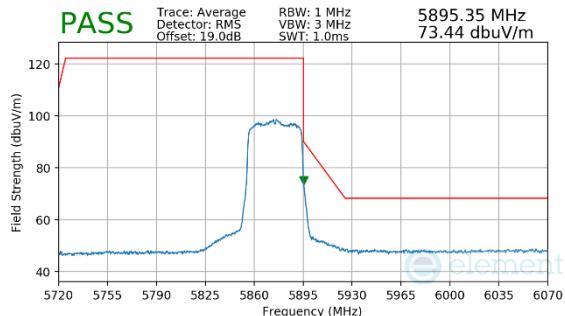
FCC ID: A3LSMS936B	MEASUREMENT REPORT			Approved by: Technical Manager
Test Report S/N: 1M2408260066-17.A3L	Test Dates: 09/03/2024 – 11/5/2024	EUT Type: Portable Handset		Page 130 of 156

Worst Case Mode: 802.11ac
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5835MHz
 Channel: 167

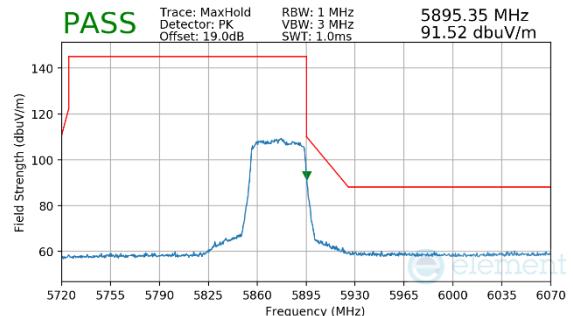


**Plot 7-151. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 4)**

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5875MHz
 Channel: 175



**Plot 7-152. Radiated Upper Band Edge Plot MIMO
(Average – UNII Band 4)**

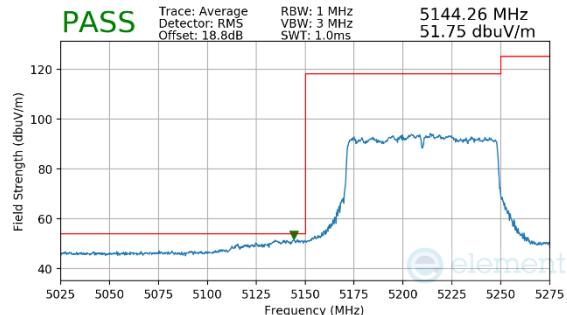


**Plot 7-153. Radiated Upper Band Edge Plot MIMO
(Peak – UNII Band 4)**

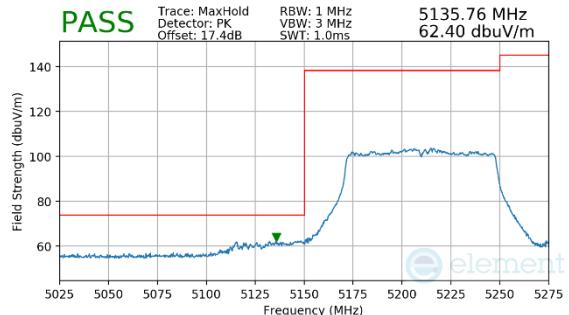
FCC ID: A3LSMS936B	MEASUREMENT REPORT			Approved by: Technical Manager
Test Report S/N: 1M2408260066-17.A3L	Test Dates: 09/03/2024 – 11/5/2024	EUT Type: Portable Handset		Page 131 of 156

7.6.5 MIMO Radiated Band Edge Measurements (80MHz BW)

Worst Case Mode: 802.11ac
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5210MHz
 Channel: 42

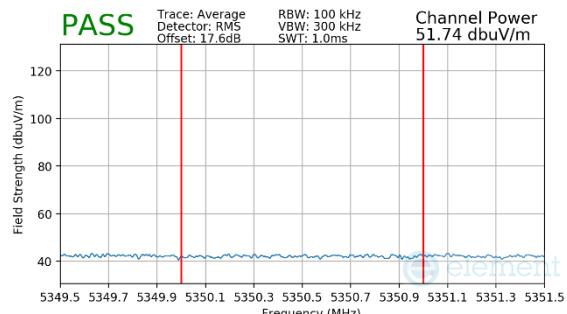


Plot 7-154. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1)

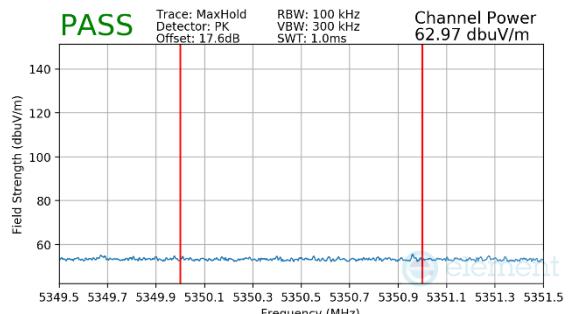


Plot 7-155. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1)

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5290MHz
 Channel: 58



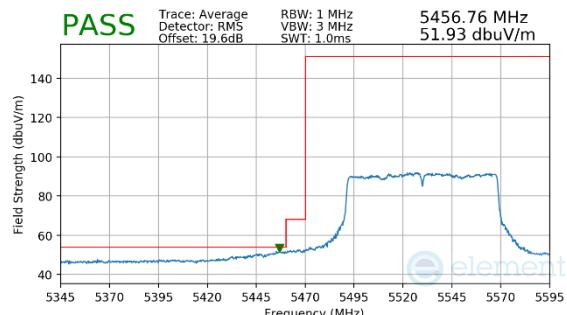
Plot 7-156. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A)



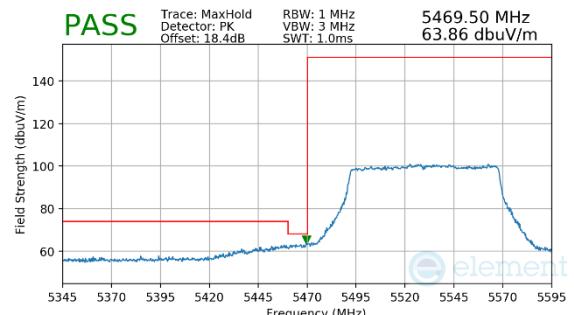
Plot 7-157. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A)

FCC ID: A3LSMS936B	MEASUREMENT REPORT			Approved by: Technical Manager
Test Report S/N: 1M2408260066-17.A3L	Test Dates: 09/03/2024 – 11/5/2024	EUT Type: Portable Handset		Page 132 of 156

Worst Case Mode: 802.11ac
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5530MHz
 Channel: 106

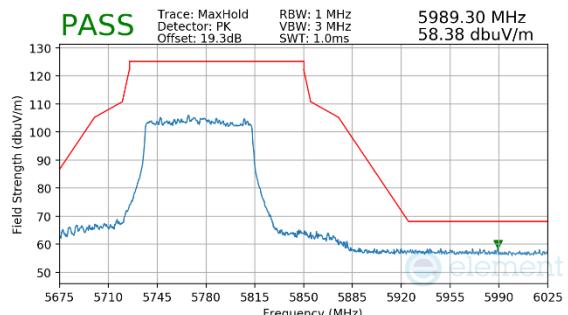


**Plot 7-158. Radiated Lower Band Edge Plot MIMO
(Average – UNII Band 2C)**



**Plot 7-159. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 2C)**

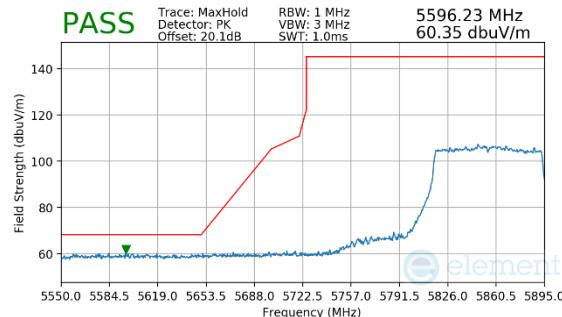
Worst Case Mode: 802.11ac
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5775MHz
 Channel: 155



**Plot 7-160. Radiated Upper Band Edge Plot MIMO
(Peak – UNII Band 3)**

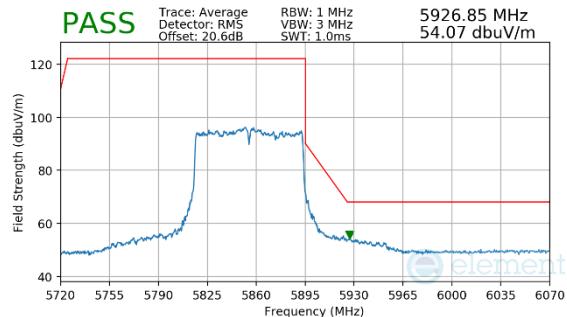
FCC ID: A3LSMS936B	MEASUREMENT REPORT			Approved by: Technical Manager
Test Report S/N: 1M2408260066-17.A3L	Test Dates: 09/03/2024 – 11/5/2024	EUT Type: Portable Handset		Page 133 of 156

Worst Case Mode: 802.11ac
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5855MHz
 Channel: 171

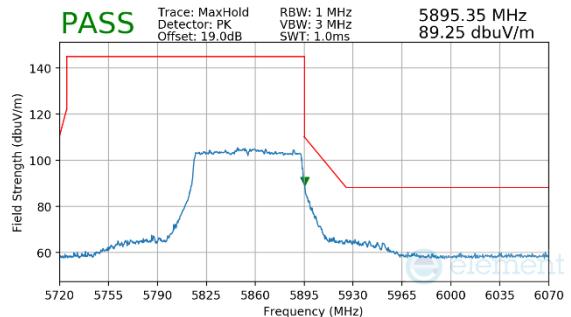


Plot 7-161. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 4)

Worst Case Mode: 802.11ac
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5855MHz
 Channel: 171



Plot 7-162. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 4)

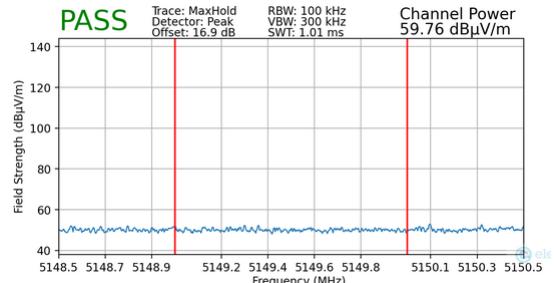
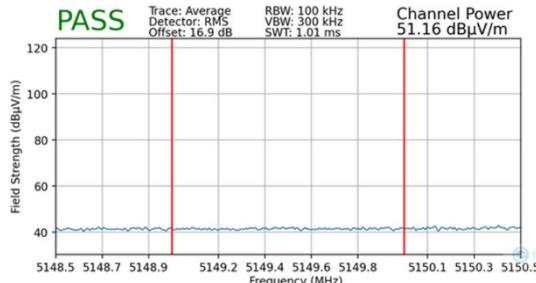


Plot 7-163. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 4)

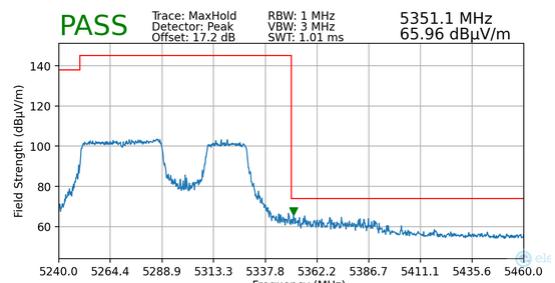
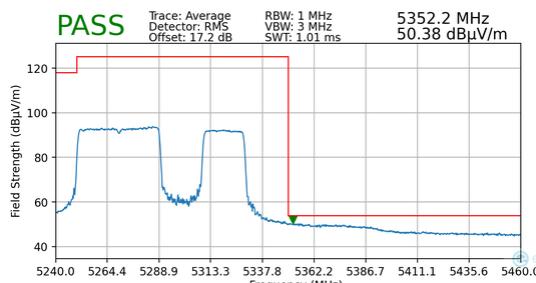
FCC ID: A3LSMS936B	MEASUREMENT REPORT			Approved by: Technical Manager
Test Report S/N: 1M2408260066-17.A3L	Test Dates: 09/03/2024 – 11/5/2024	EUT Type: Portable Handset		Page 134 of 156

7.6.6 MIMO Radiated Band Edge Measurements (80MHz BW - Punctured)

Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5210MHz
 Channel: 42

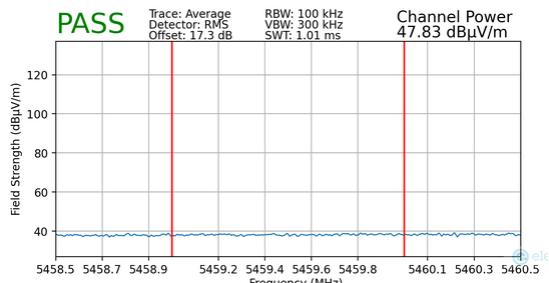


Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5290MHz
 Channel: 58

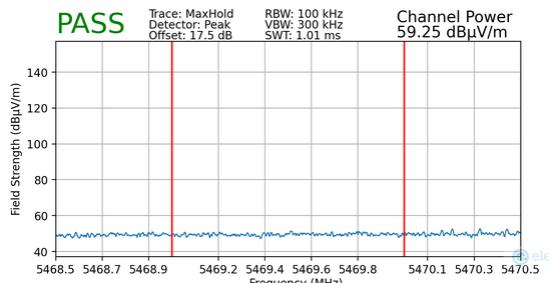


FCC ID: A3LSMS936B	MEASUREMENT REPORT			Approved by: Technical Manager
Test Report S/N: 1M2408260066-17.A3L	Test Dates: 09/03/2024 – 11/5/2024	EUT Type: Portable Handset		Page 135 of 156

Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5530MHz
 Channel: 106

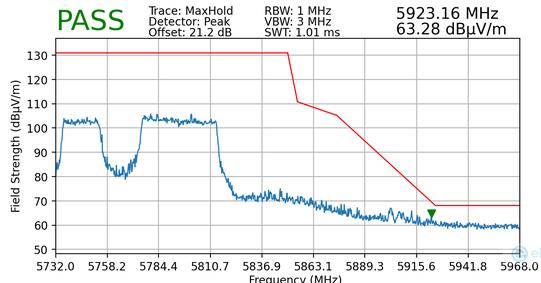


**Plot 7-168. Radiated Lower Band Edge Plot MIMO
(Average – UNII Band 2C)**



**Plot 7-169. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 2C)**

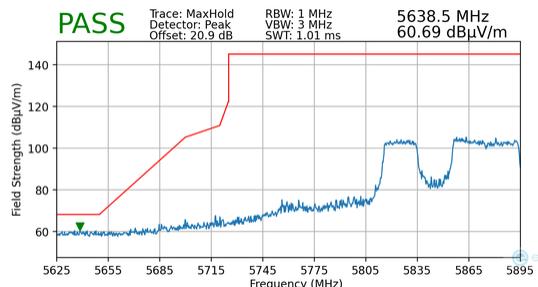
Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5775MHz
 Channel: 155



**Plot 7-170. Radiated Upper Band Edge Plot MIMO
(Peak – UNII Band 3)**

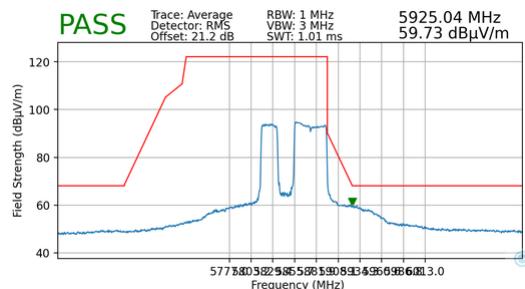
FCC ID: A3LSMS936B	MEASUREMENT REPORT			Approved by: Technical Manager
Test Report S/N: 1M2408260066-17.A3L	Test Dates: 09/03/2024 – 11/5/2024	EUT Type: Portable Handset		Page 136 of 156

Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5855MHz
 Channel: 171

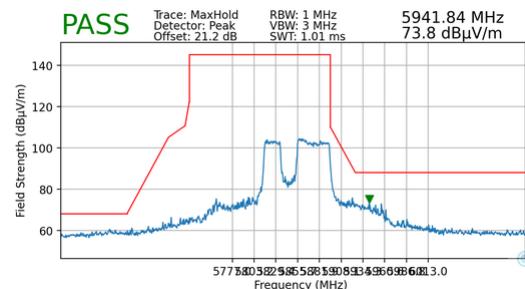


**Plot 7-171. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 4)**

Worst Case Mode: 802.11ac
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5855MHz
 Channel: 171



**Plot 7-172. Radiated Upper Band Edge Plot MIMO
(Average – UNII Band 4)**

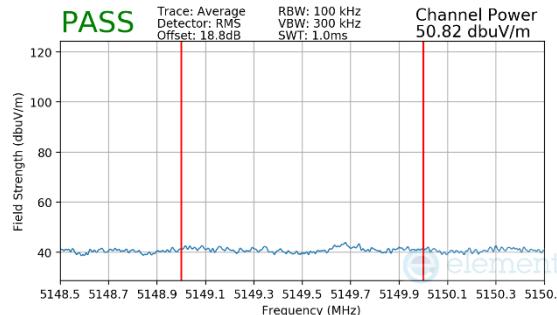


**Plot 7-173. Radiated Upper Band Edge Plot MIMO
(Peak – UNII Band 4)**

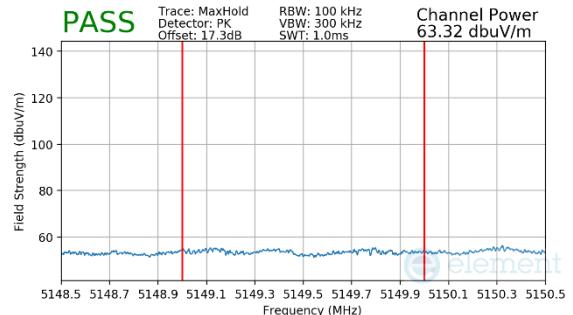
FCC ID: A3LSMS936B	MEASUREMENT REPORT			Approved by: Technical Manager
Test Report S/N: 1M2408260066-17.A3L	Test Dates: 09/03/2024 – 11/5/2024	EUT Type: Portable Handset		Page 137 of 156

7.6.7 MIMO Radiated Band Edge Measurements (160MHz BW)

Worst Case Mode: 802.11ac
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5250MHz
 Channel: 50

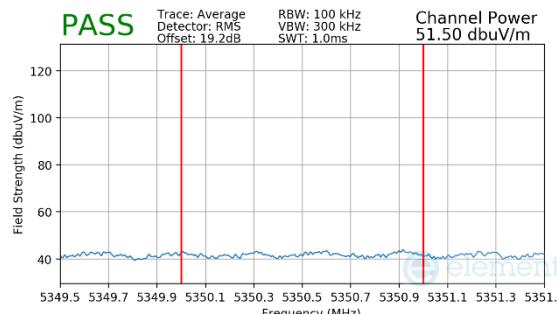


Plot 7-174. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1)

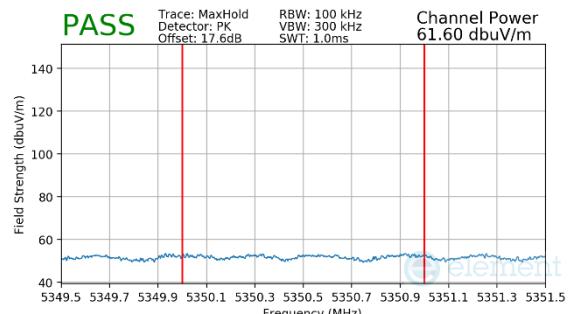


Plot 7-175. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1)

Worst Case Mode: 802.11ac
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5250MHz
 Channel: 50



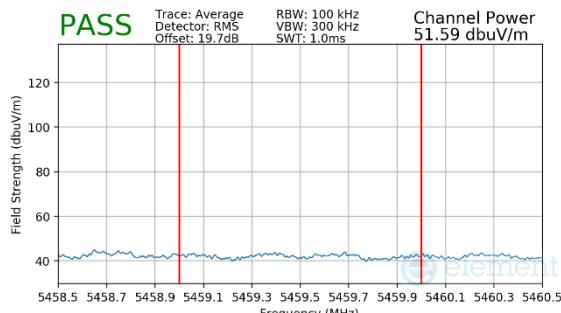
Plot 7-176. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A)



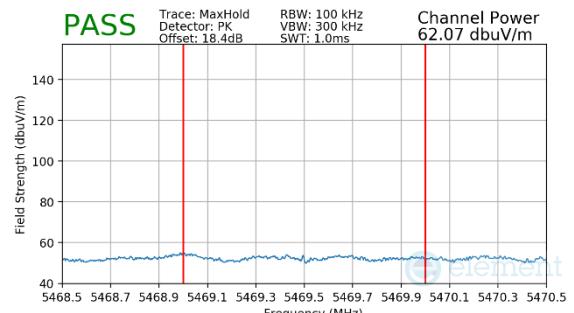
Plot 7-177. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A)

FCC ID: A3LSMS936B	MEASUREMENT REPORT			Approved by: Technical Manager
Test Report S/N: 1M2408260066-17.A3L	Test Dates: 09/03/2024 – 11/5/2024	EUT Type: Portable Handset		Page 138 of 156

Worst Case Mode: 802.11ac
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5570MHz
 Channel: 114

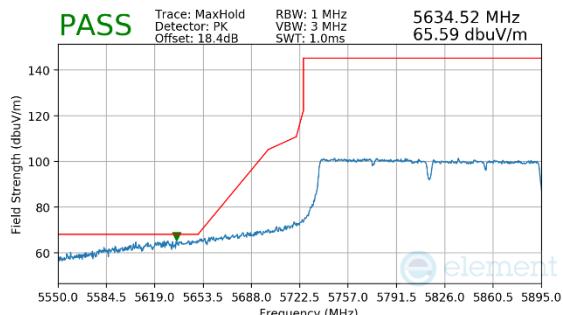


**Plot 7-178. Radiated Lower Band Edge Plot MIMO
(Average – UNII Band 2C)**



**Plot 7-179. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 2C)**

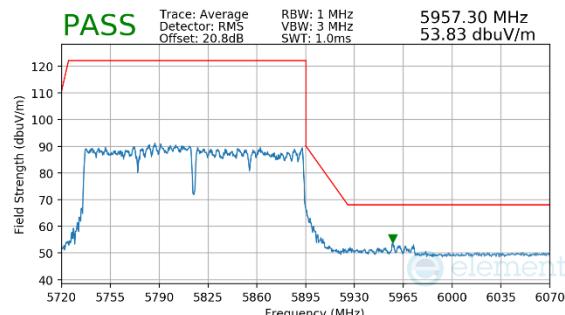
Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5815MHz
 Channel: 163



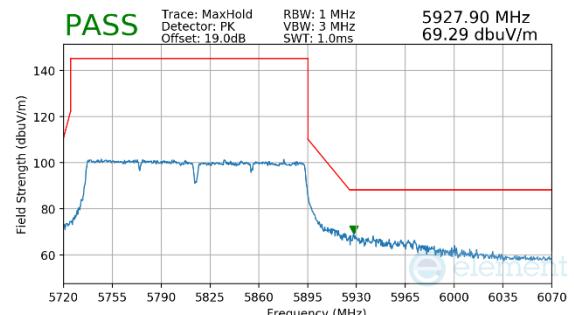
**Plot 7-180. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 4)**

FCC ID: A3LSMS936B	MEASUREMENT REPORT			Approved by: Technical Manager
Test Report S/N: 1M2408260066-17.A3L	Test Dates: 09/03/2024 – 11/5/2024	EUT Type: Portable Handset		Page 139 of 156

Worst Case Mode: 802.11ac
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5815MHz
 Channel: 163



Plot 7-181. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 4)

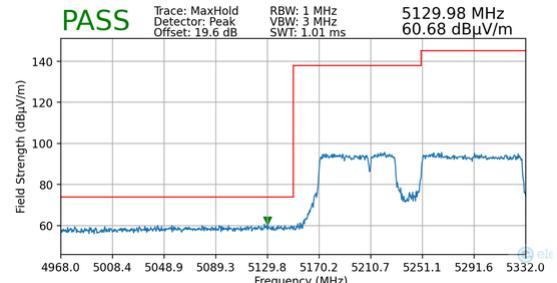
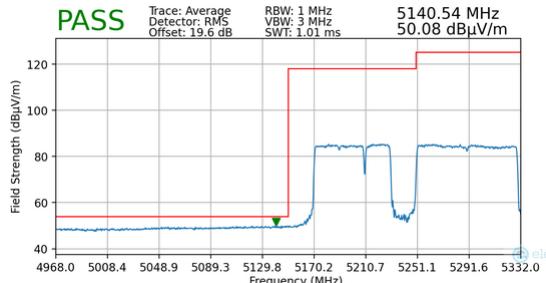


Plot 7-182. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 4)

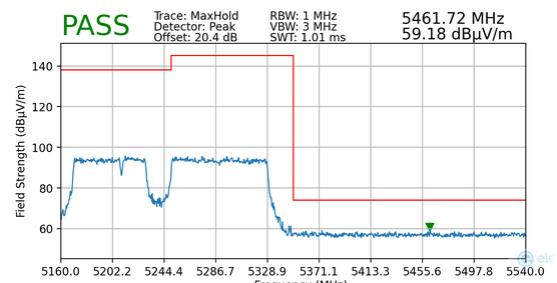
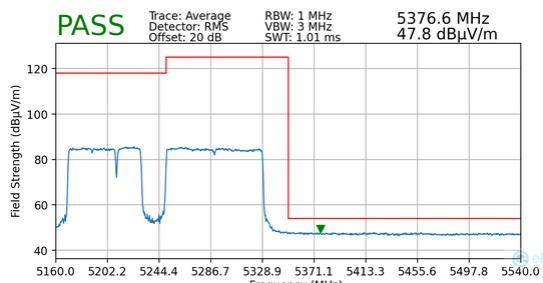
FCC ID: A3LSMS936B	MEASUREMENT REPORT			Approved by: Technical Manager
Test Report S/N: 1M2408260066-17.A3L	Test Dates: 09/03/2024 – 11/5/2024	EUT Type: Portable Handset		Page 140 of 156

7.6.8 MIMO Radiated Band Edge Measurements (160MHz BW - Punctured)

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5250MHz
 Channel: 50

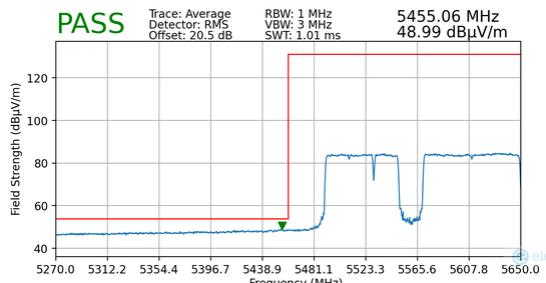


Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5250MHz
 Channel: 50

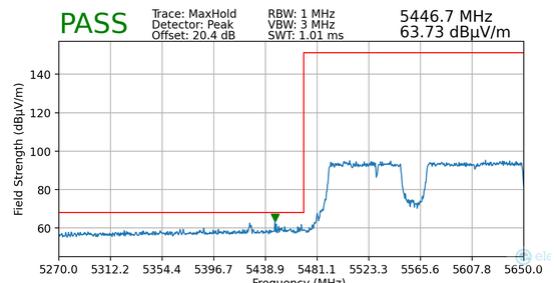


FCC ID: A3LSMS936B	MEASUREMENT REPORT			Approved by: Technical Manager
Test Report S/N: 1M2408260066-17.A3L	Test Dates: 09/03/2024 – 11/5/2024	EUT Type: Portable Handset		Page 141 of 156

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5570MHz
 Channel: 114

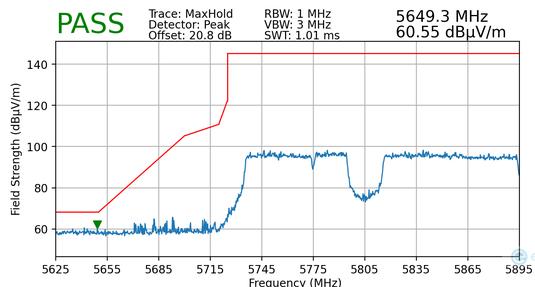


**Plot 7-187. Radiated Lower Band Edge Plot MIMO
(Average – UNII Band 2C)**



**Plot 7-188. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 2C)**

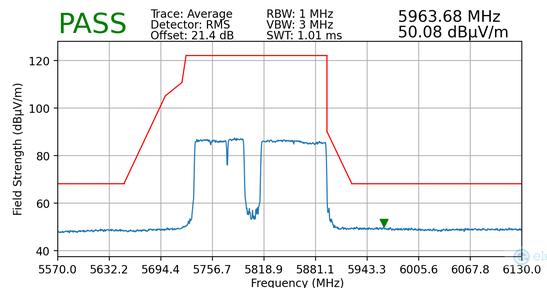
Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5815MHz
 Channel: 163



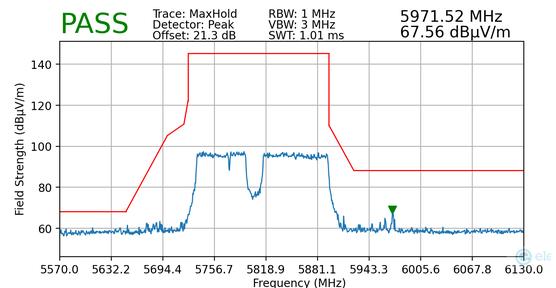
**Plot 7-189. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 4)**

FCC ID: A3LSMS936B	MEASUREMENT REPORT			Approved by: Technical Manager
Test Report S/N: 1M2408260066-17.A3L	Test Dates: 09/03/2024 – 11/5/2024	EUT Type: Portable Handset	Page 142 of 156	
© 2024 ELEMENT				V11.1 08/28/2023

Worst Case Mode: 802.11ac
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5815MHz
 Channel: 163



Plot 7-190. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 4)



Plot 7-191. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 4)

FCC ID: A3LSMS936B	MEASUREMENT REPORT			Approved by: Technical Manager
Test Report S/N: 1M2408260066-17.A3L	Test Dates: 09/03/2024 – 11/5/2024	EUT Type: Portable Handset		Page 143 of 156

7.7 Line-Conducted Test Data

Test Overview and Limit

All AC line conducted spurious emissions are measured with a receiver connected to a grounded LISN while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates and modes were investigated for conducted spurious emissions. Only the conducted emissions of the configuration that produced the worst-case emissions are reported in this section.

All conducted emissions must not exceed the limits shown in the table below per FCC §15.207 and RSS-Gen (8.8).

Frequency of emission (MHz)	Conducted Limit (dB μ V)	
	Quasi-peak	Average
0.15 – 0.5	66 to 56*	56 to 46*
0.5 – 5	56	46
5 – 30	60	50

Table 7-71. Conducted Limits

*Decreases with the logarithm of the frequency.

Test Procedures Used

ANSI C63.10-2013, Section 6.2

Test Settings

Quasi-Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the spurious emission of interest
2. RBW = 9kHz (for emissions from 150kHz – 30MHz)
3. Detector = quasi-peak
4. Sweep time = auto couple
5. Trace mode = max hold
6. Trace was allowed to stabilize

Average Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the spurious emission of interest
2. RBW = 9kHz (for emissions from 150kHz – 30MHz)
3. Detector = RMS
4. Sweep time = auto couple
5. Trace mode = max hold
6. Trace was allowed to stabilize

FCC ID: A3LSMS936B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260066-17.A3L	Test Dates: 09/03/2024 – 11/5/2024	EUT Type: Portable Handset	Page 144 of 156

Test Setup

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

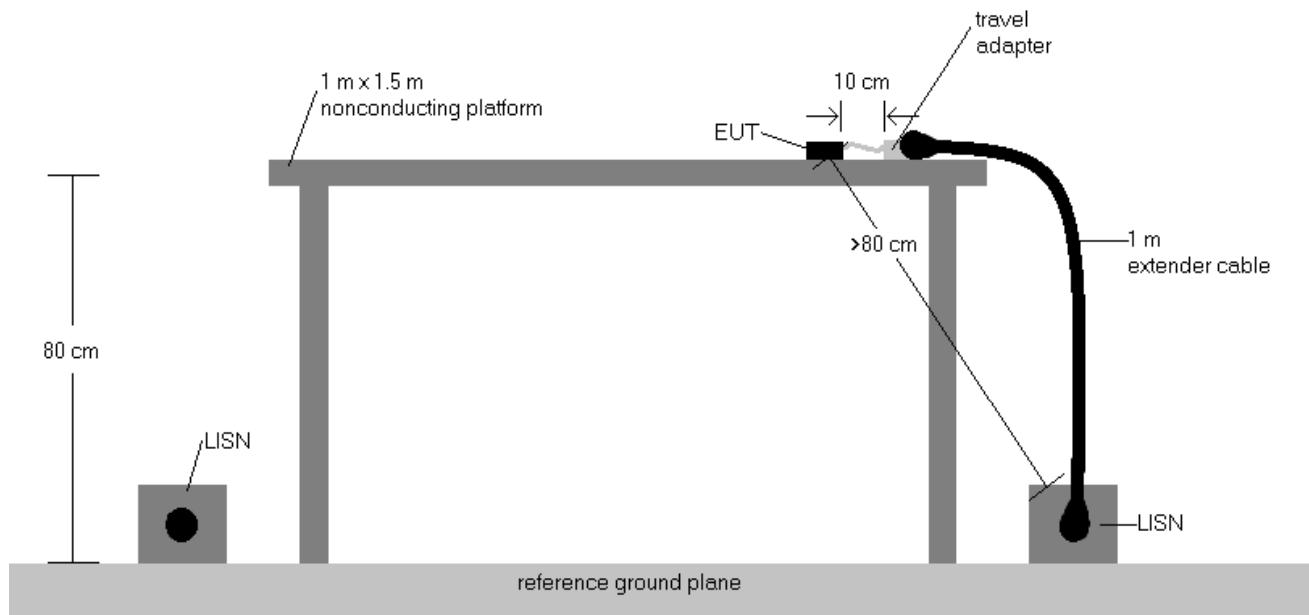
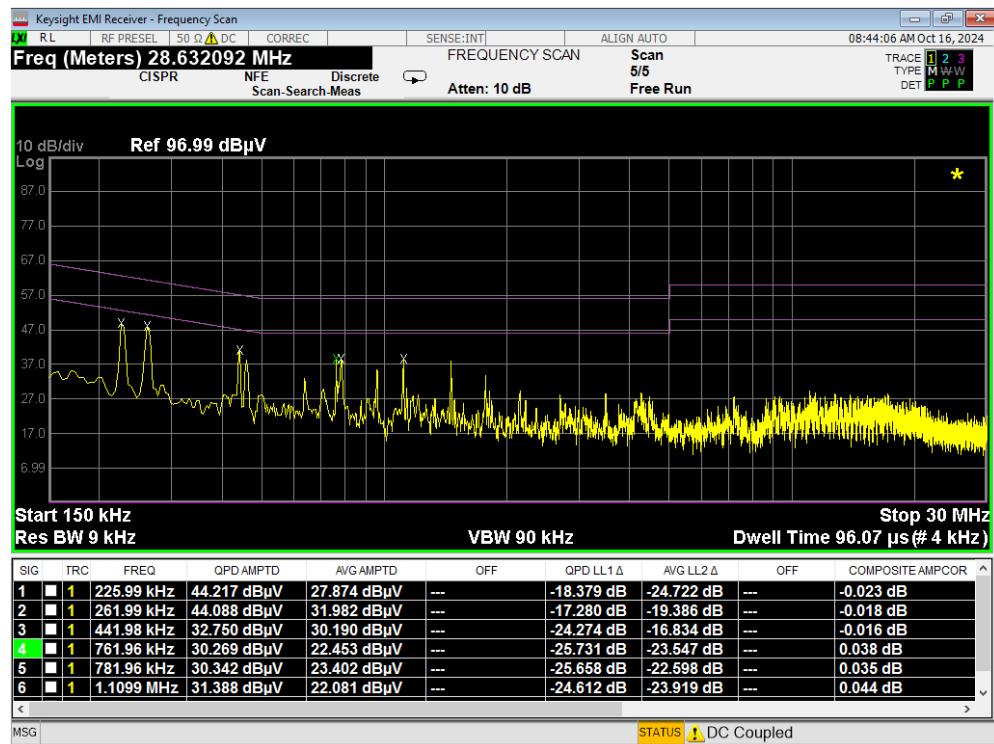


Figure 7-8. Test Instrument & Measurement Setup

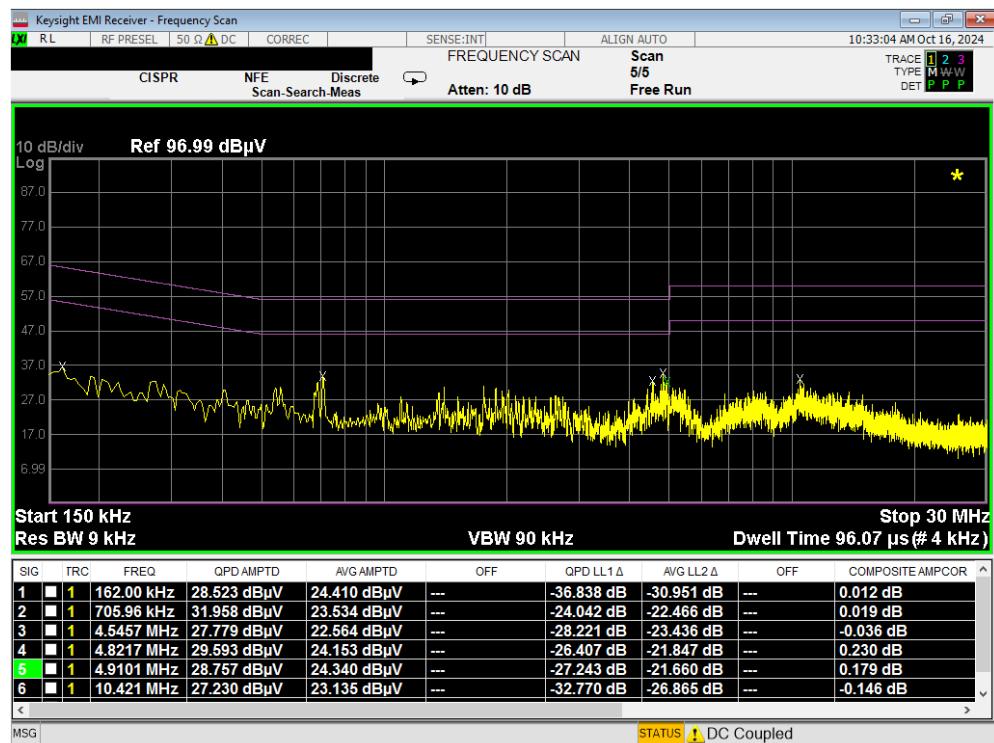
Test Notes

1. All modes of operation were investigated, and the worst-case emissions are reported using mid channel. The emissions found were not affected by the choice of channel used during testing.
2. The limit for an intentional radiator from 150kHz to 30MHz is specified in §15.207 and RSS-Gen (8.8).
3. Corr. (dB) = Cable loss (dB) + LISN insertion factor (dB)
4. QP/AV Level (dB μ V) = QP/AV Analyzer/Receiver Level (dB μ V) + Corr. (dB)
5. Margin (dB) = QP/AV Limit (dB μ V) - QP/AV Level (dB μ V)
6. Traces shown in plot are made using a peak detector.
7. Deviations to the Specifications: None.

FCC ID: A3LSMS936B	MEASUREMENT REPORT			Approved by: Technical Manager
Test Report S/N: 1M2408260066-17.A3L	Test Dates: 09/03/2024 – 11/5/2024	EUT Type: Portable Handset		Page 145 of 156

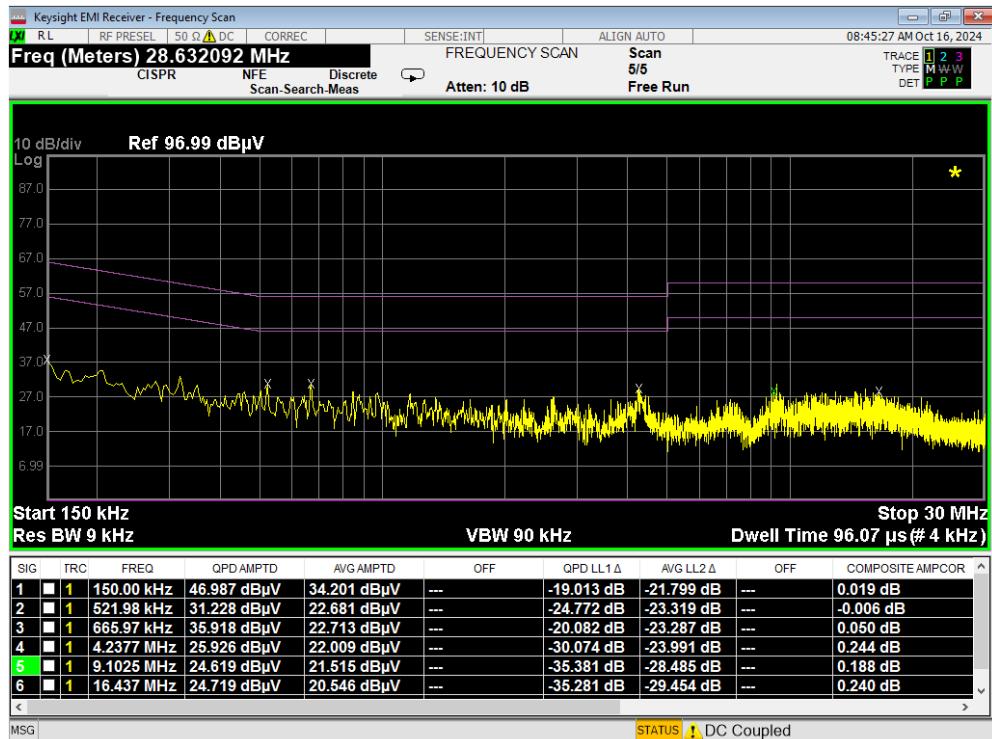


Plot 7-192. Line Conducted Plot with 802.11a UNII Band 1 (L1)

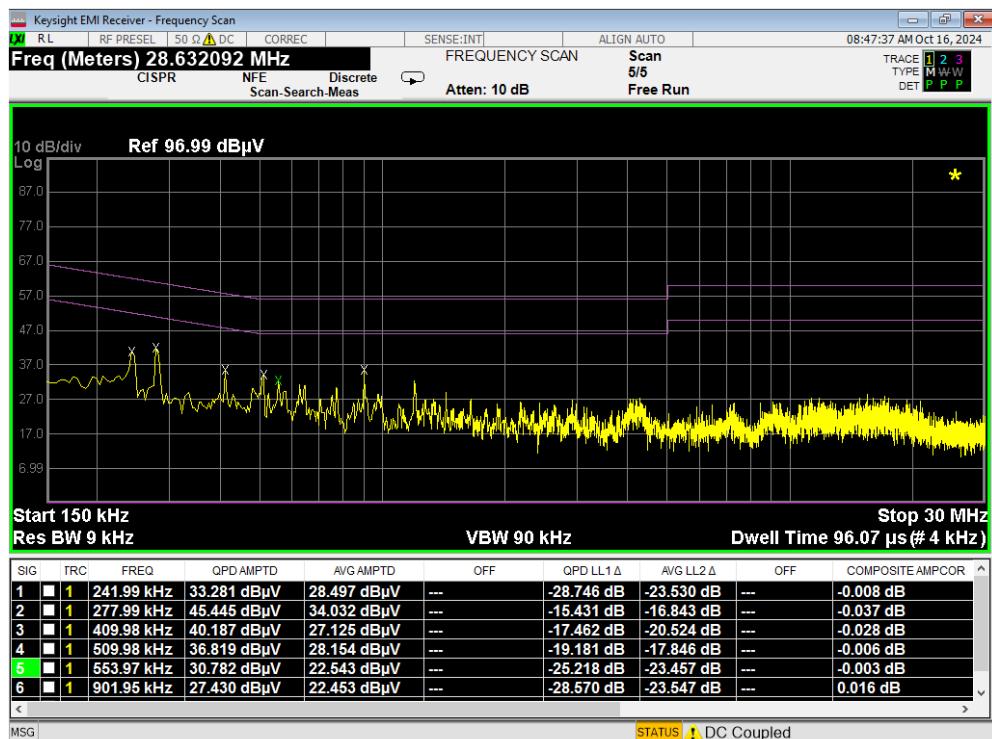


Plot 7-193. Line Conducted Plot with 802.11a UNII Band 1 (N)

FCC ID: A3LSMS936B	MEASUREMENT REPORT				Approved by: Technical Manager
Test Report S/N: 1M2408260066-17.A3L	Test Dates: 09/03/2024 – 11/5/2024	EUT Type: Portable Handset			Page 146 of 156

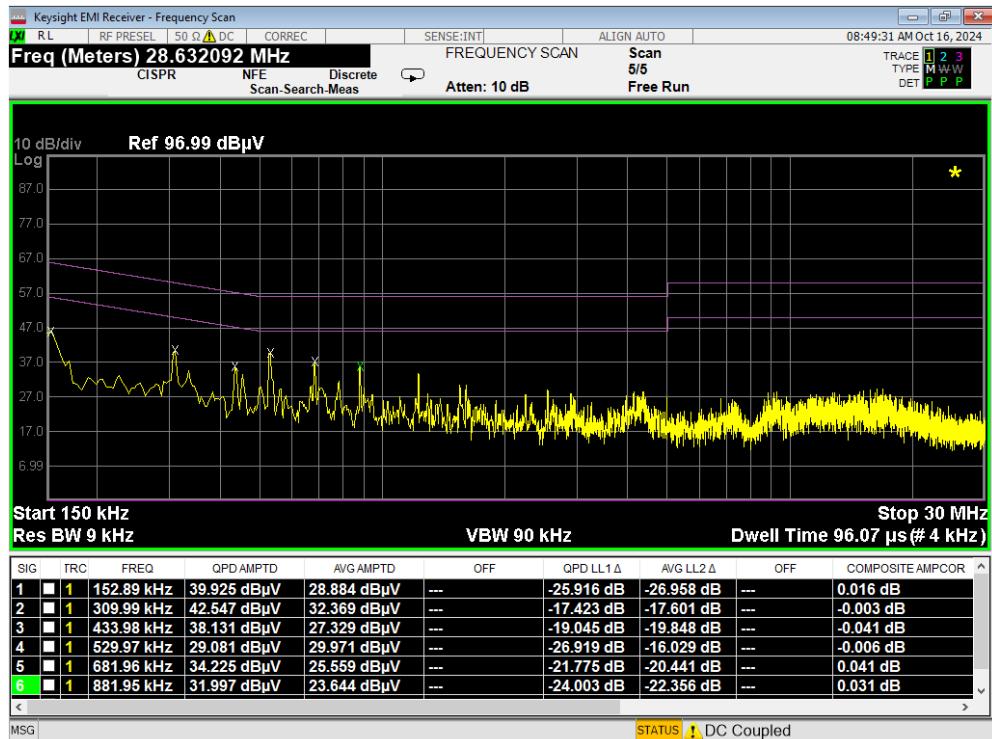


Plot 7-194. Line Conducted Plot with 802.11a UNII Band 2A (L1)

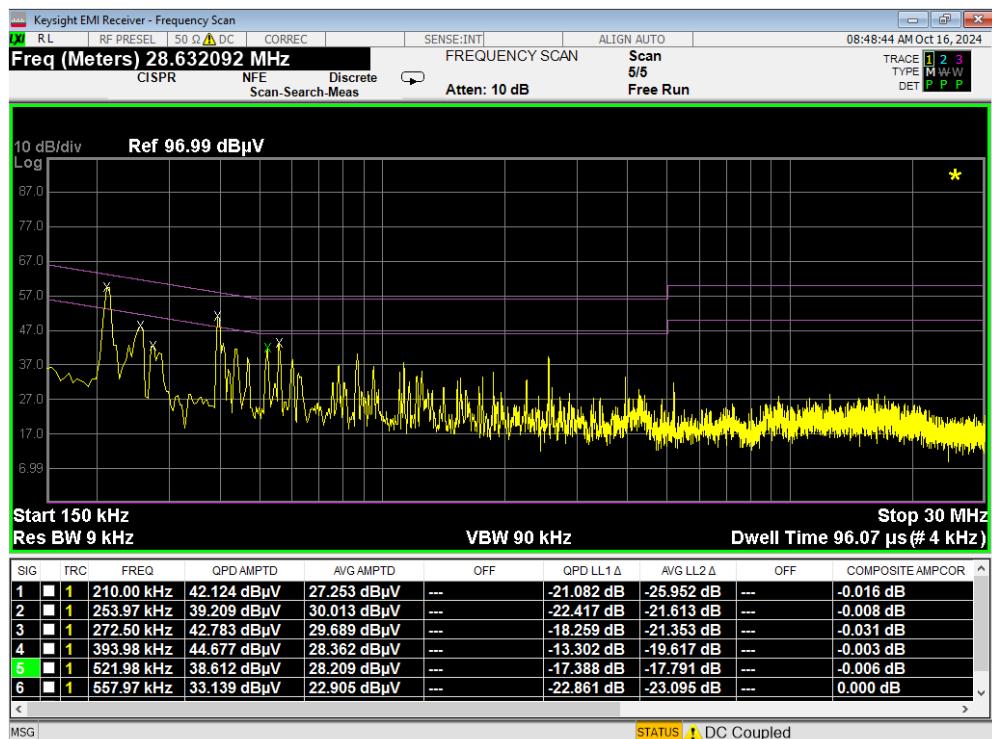


Plot 7-195. Line Conducted Plot with 802.11a UNII Band 2A (N)

FCC ID: A3LSMS936B	MEASUREMENT REPORT				Approved by: Technical Manager
Test Report S/N: 1M2408260066-17.A3L	Test Dates: 09/03/2024 – 11/5/2024	EUT Type: Portable Handset			

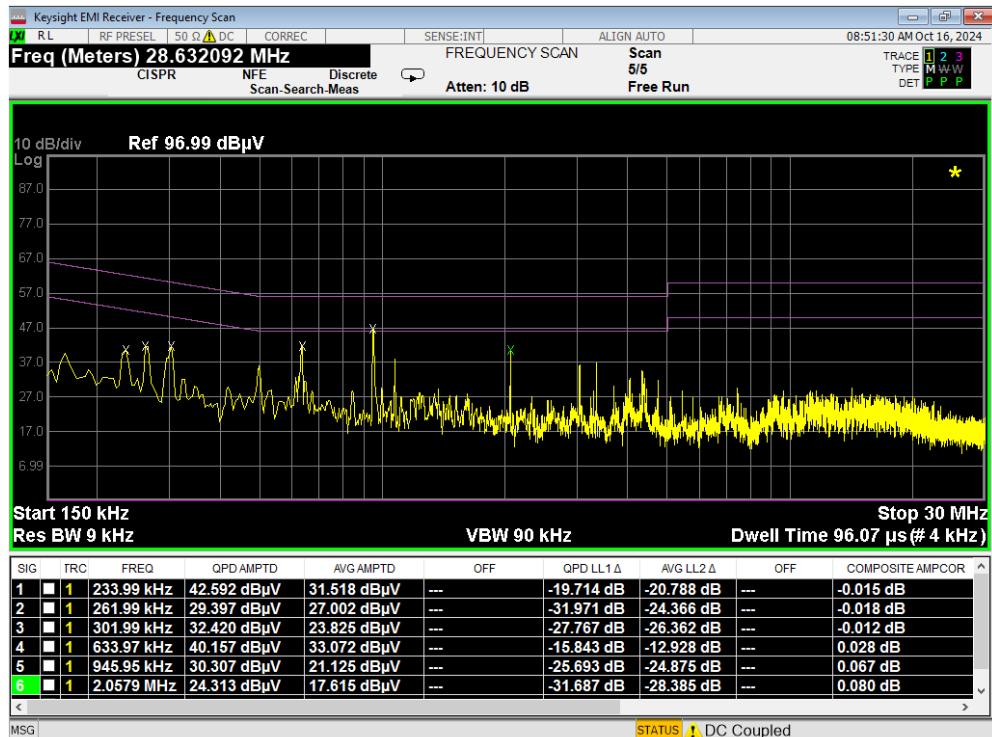


Plot 7-196. Line Conducted Plot with 802.11a UNII Band 2C (L1)

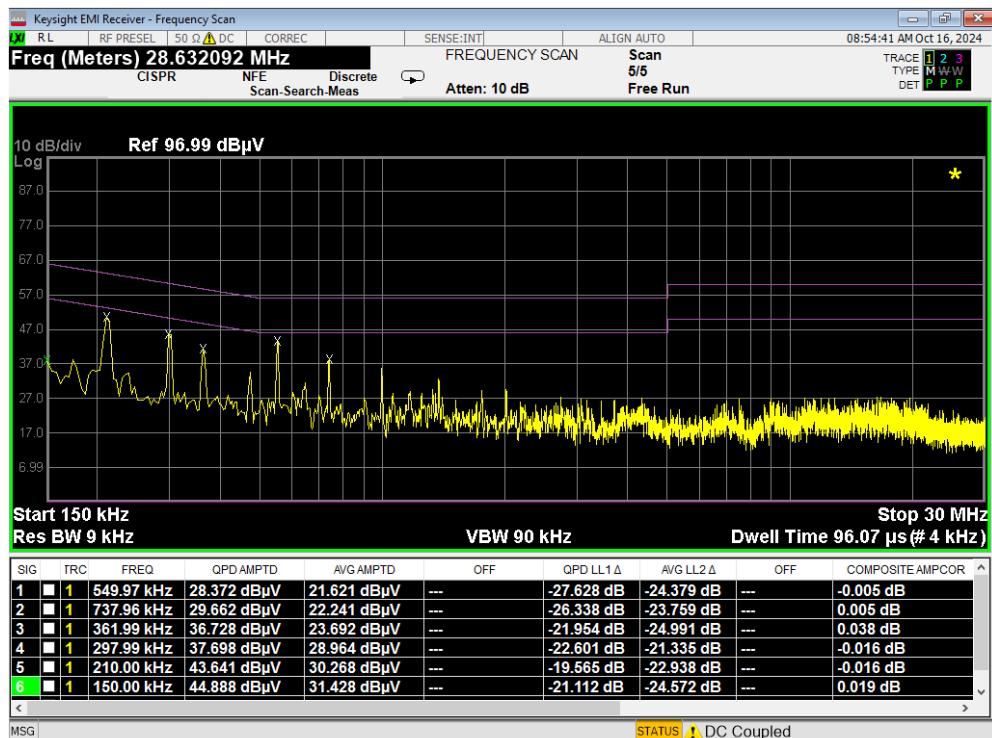


Plot 7-197. Line Conducted Plot with 802.11a UNII Band 2C (N)

FCC ID: A3LSMS936B	MEASUREMENT REPORT				Approved by: Technical Manager
Test Report S/N: 1M2408260066-17.A3L	Test Dates: 09/03/2024 – 11/5/2024	EUT Type: Portable Handset			

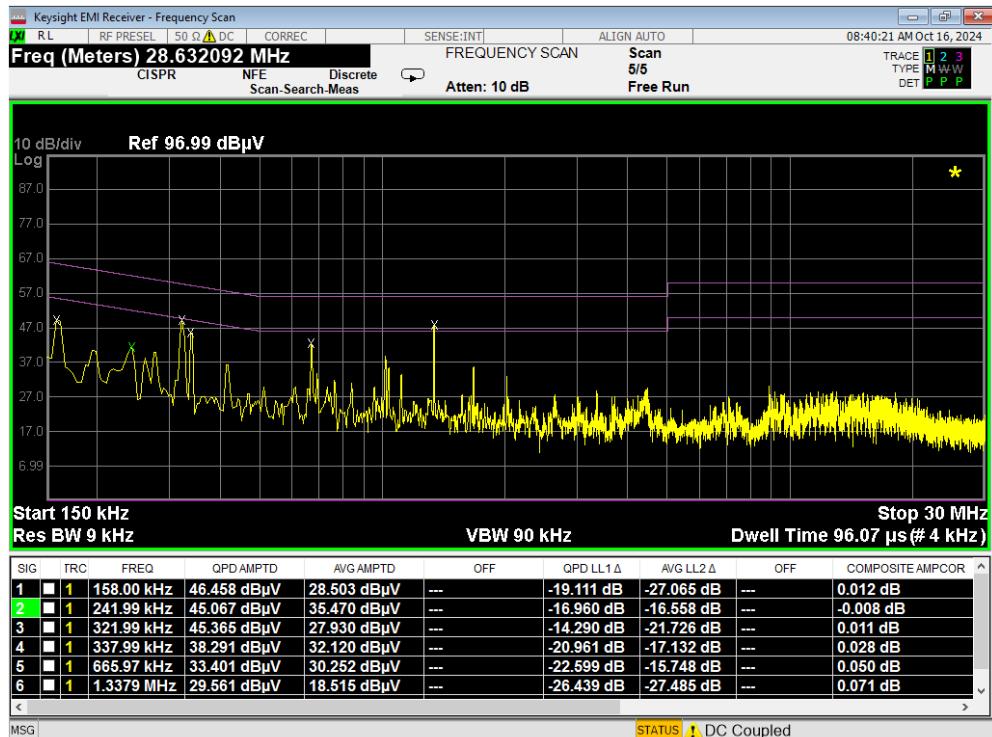


Plot 7-198. Line Conducted Plot with 802.11a UNII Band 3 (L1)

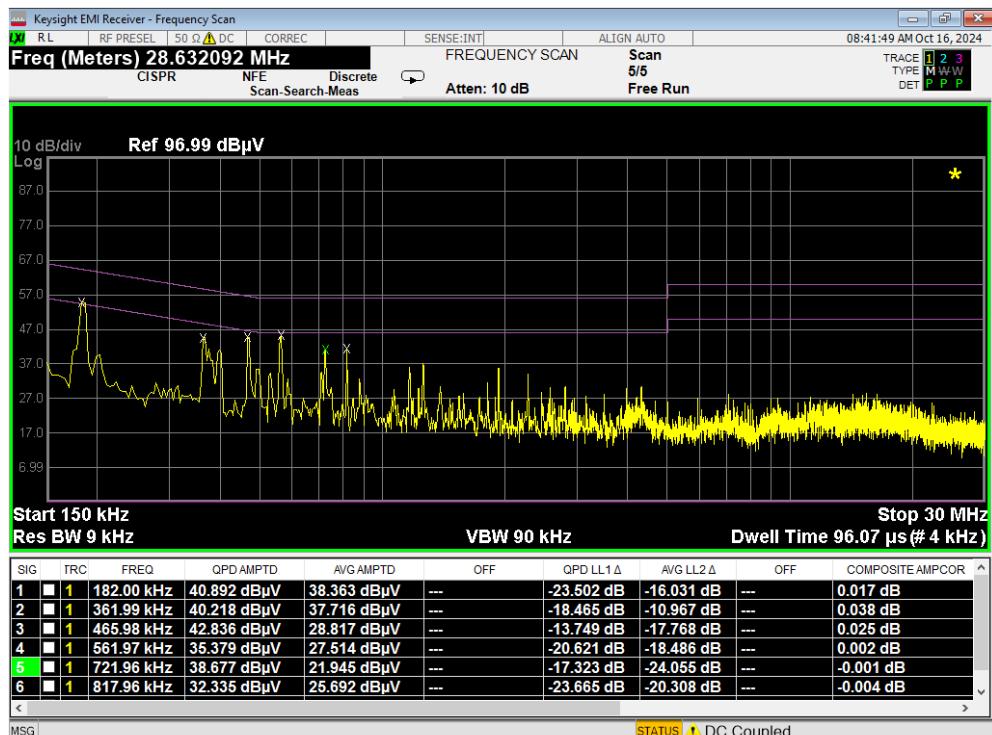


Plot 7-199. Line Conducted Plot with 802.11a UNII Band 3 (N)

FCC ID: A3LSMS936B	MEASUREMENT REPORT					Approved by: Technical Manager
Test Report S/N: 1M2408260066-17.A3L	Test Dates: 09/03/2024 – 11/5/2024	EUT Type: Portable Handset				Page 149 of 156

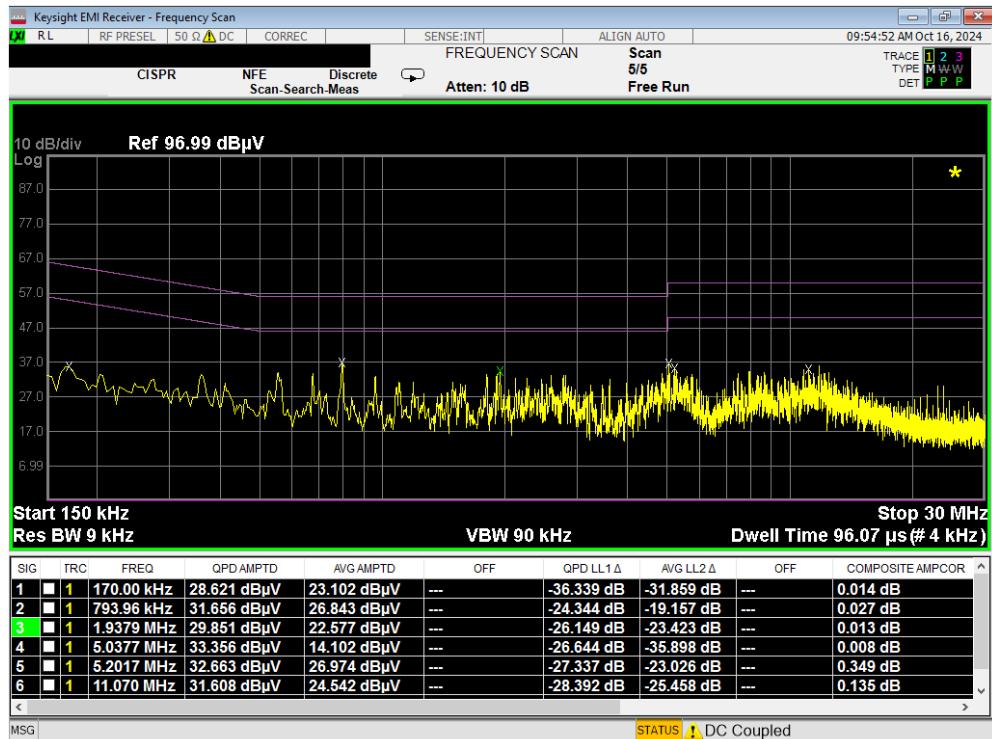


Plot 7-200. Line Conducted Plot with 802.11a UNII Band 4 (L1)

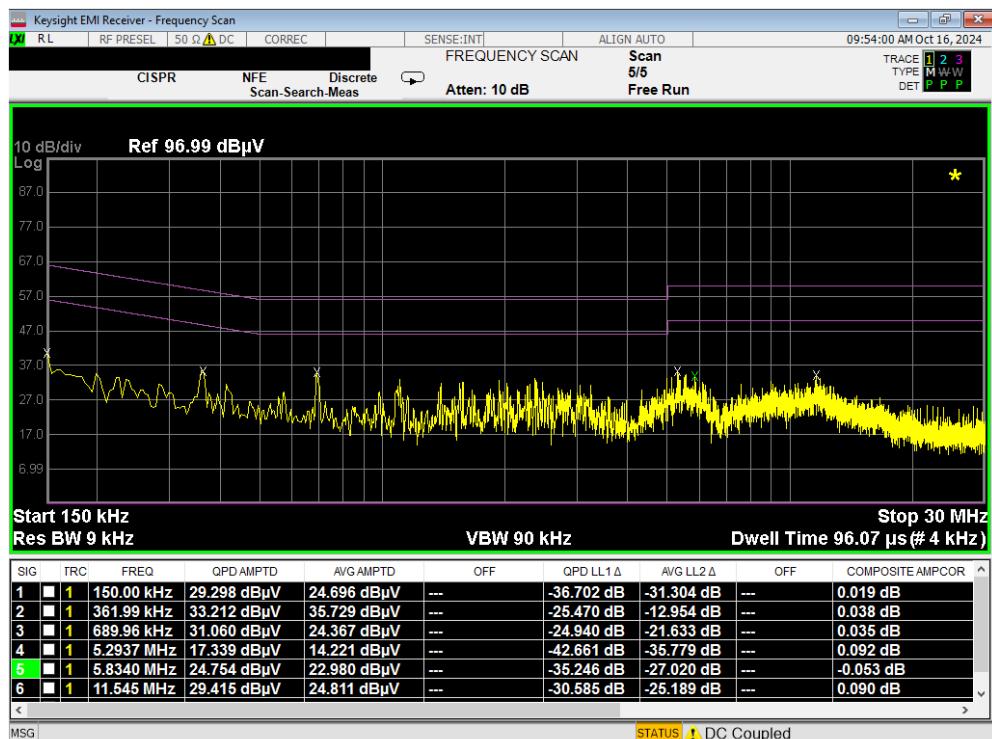


Plot 7-201. Line Conducted Plot with 802.11a UNII Band 4 (N)

FCC ID: A3LSMS936B	MEASUREMENT REPORT						Approved by: Technical Manager
Test Report S/N: 1M2408260066-17.A3L	Test Dates: 09/03/2024 – 11/5/2024	EUT Type: Portable Handset					Page 150 of 156

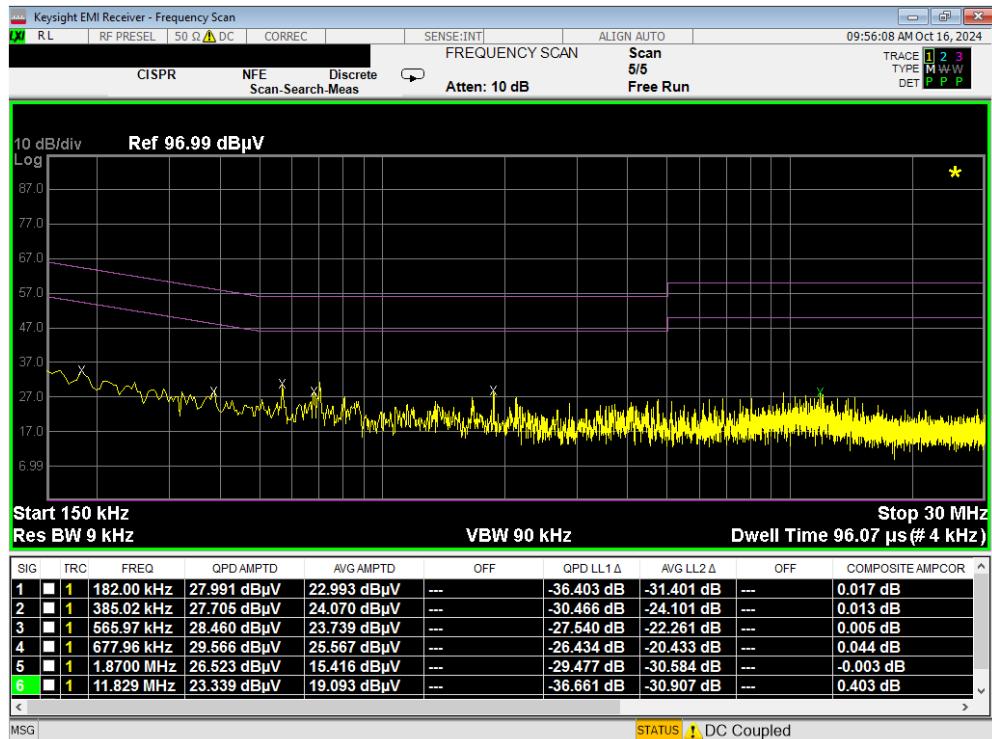


Plot 7-202. Line Conducted Plot with 802.11a UNII Band 1 (L1) – WCP

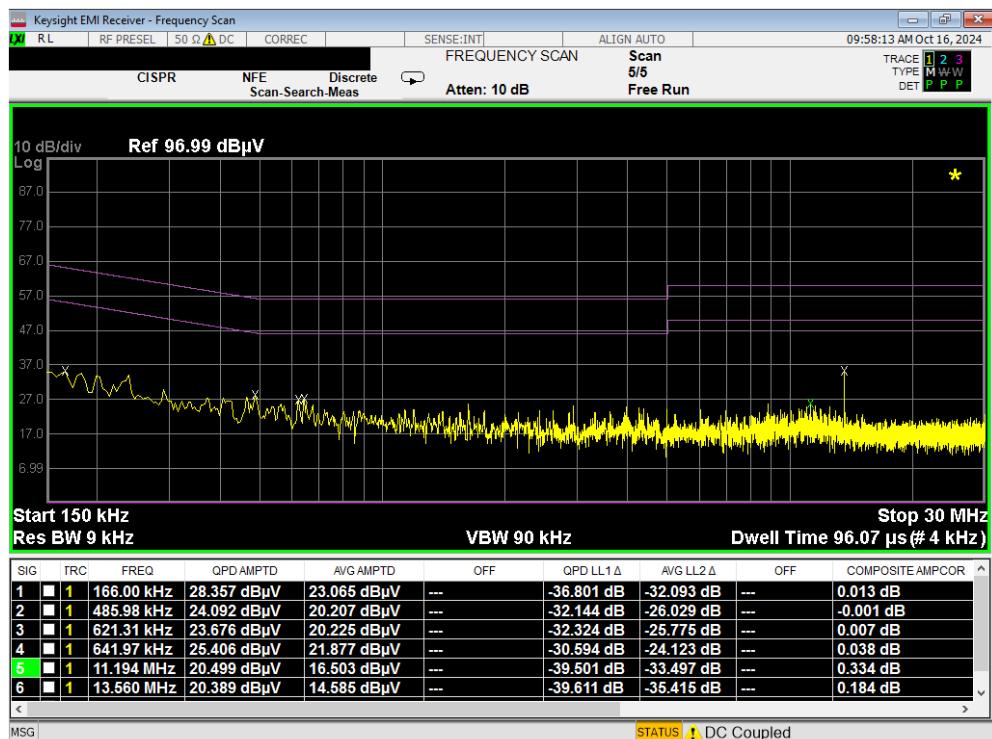


Plot 7-203. Line Conducted Plot with 802.11a UNII Band 1 (N) – WCP

FCC ID: A3LSMS936B	MEASUREMENT REPORT				Approved by: Technical Manager
Test Report S/N: 1M2408260066-17.A3L	Test Dates: 09/03/2024 – 11/5/2024	EUT Type: Portable Handset			

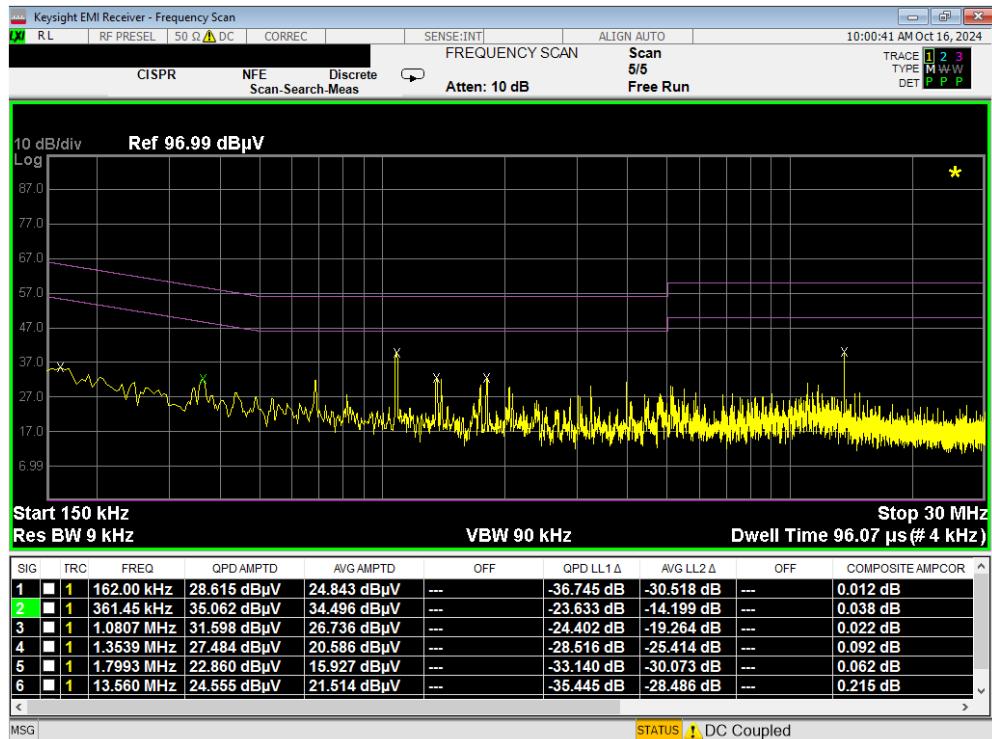


Plot 7-204. Line Conducted Plot with 802.11a UNII Band 2A (L1) – WCP

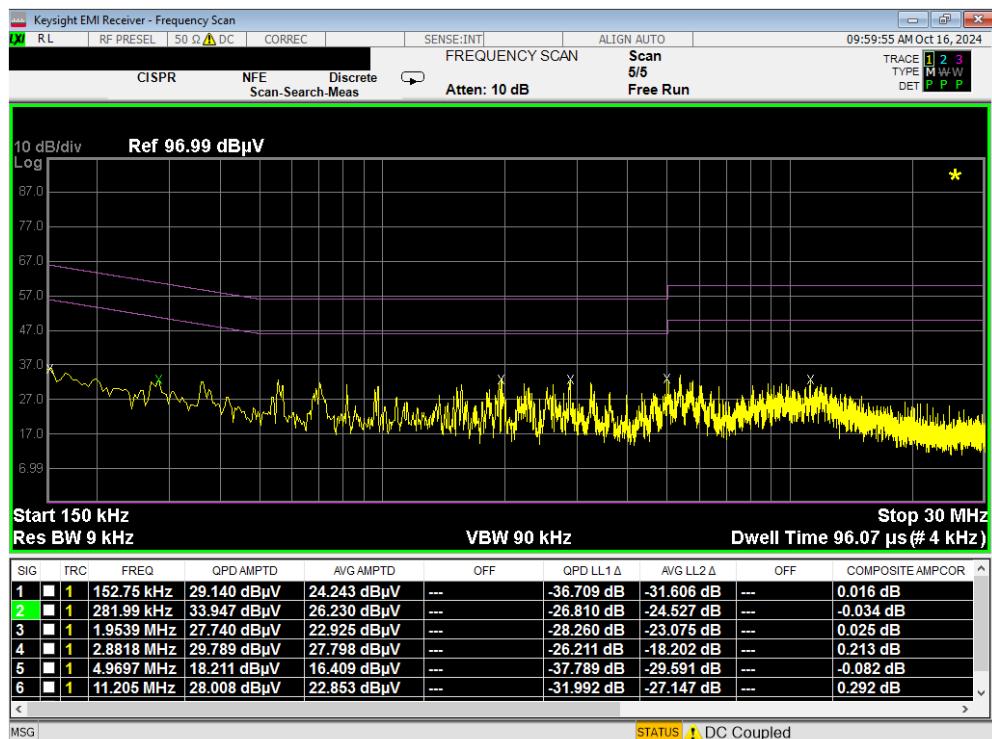


Plot 7-205. Line Conducted Plot with 802.11a UNII Band 2A (N) – WCP

FCC ID: A3LSMS936B	MEASUREMENT REPORT					Approved by: Technical Manager
Test Report S/N: 1M2408260066-17.A3L	Test Dates: 09/03/2024 – 11/5/2024	EUT Type: Portable Handset				Page 152 of 156

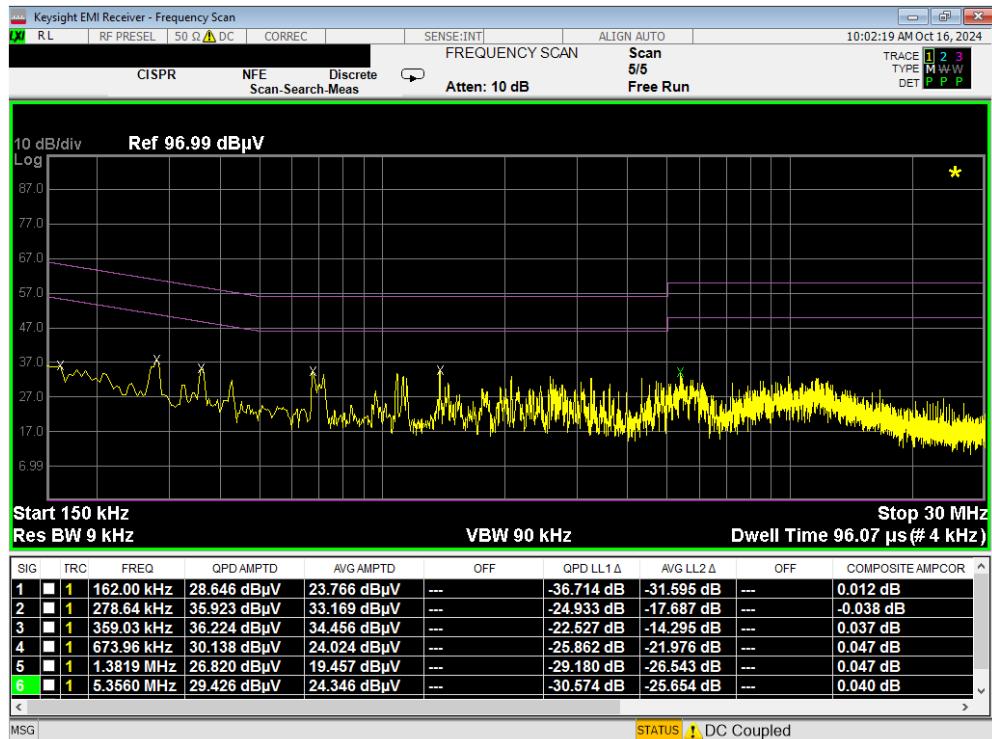


Plot 7-206. Line Conducted Plot with 802.11a UNII Band 2C (L1) – WCP

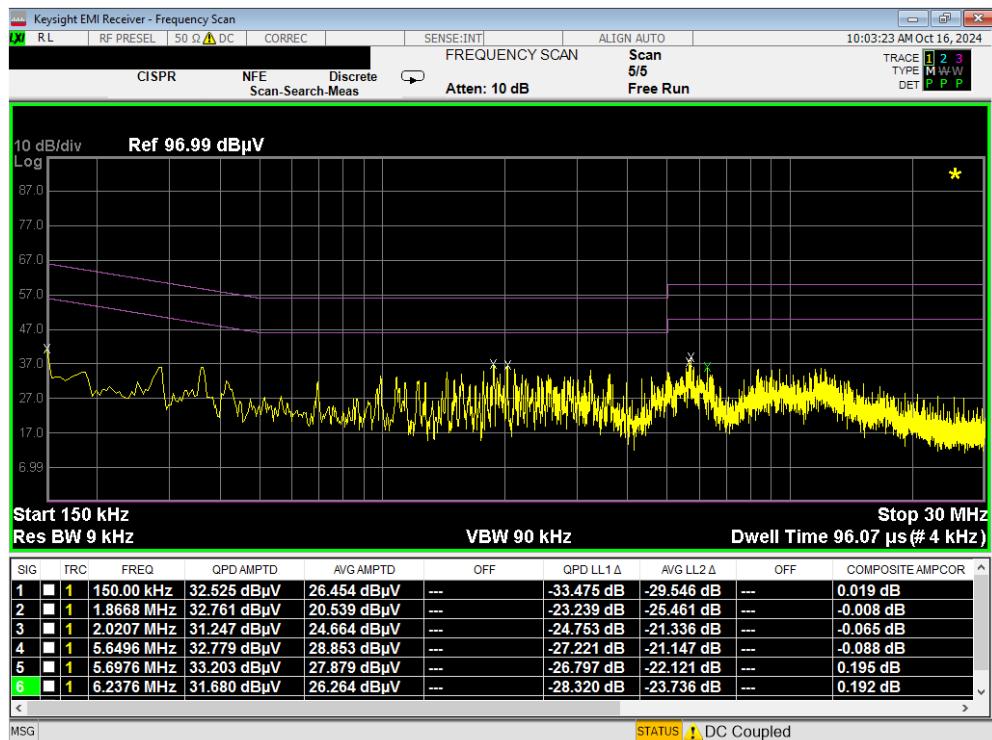


Plot 7-207. Line Conducted Plot with 802.11a UNII Band 2C (N) – WCP

FCC ID: A3LSMS936B	MEASUREMENT REPORT					Approved by: Technical Manager
Test Report S/N: 1M2408260066-17.A3L	Test Dates: 09/03/2024 – 11/5/2024	EUT Type: Portable Handset				

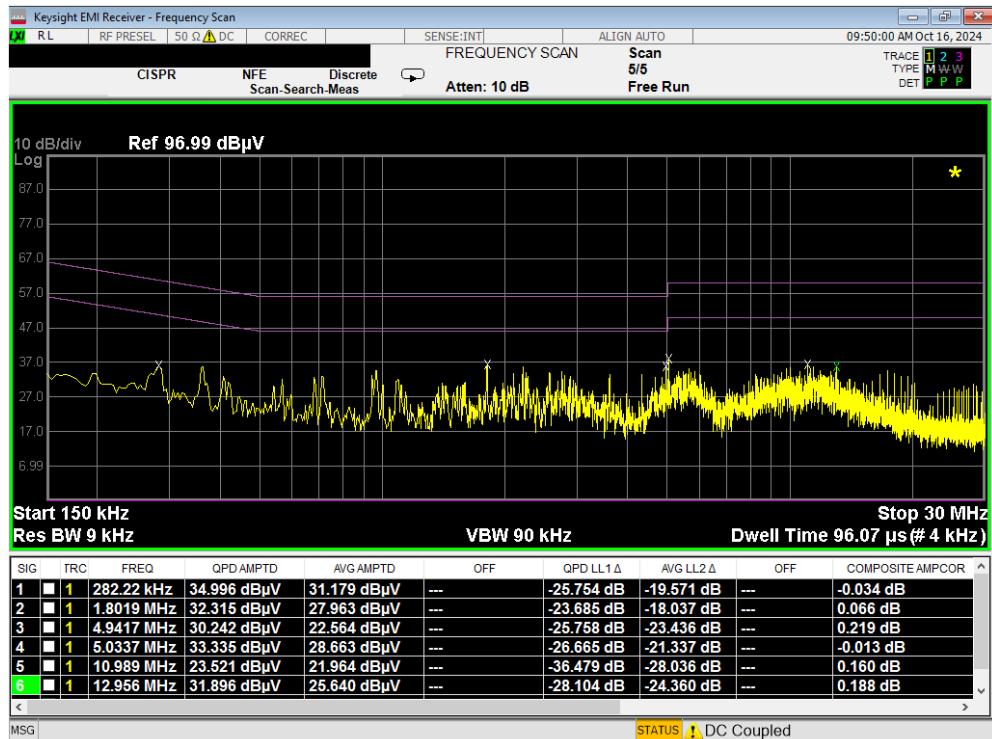


Plot 7-208. Line Conducted Plot with 802.11a UNII Band 3 (L1) – WCP

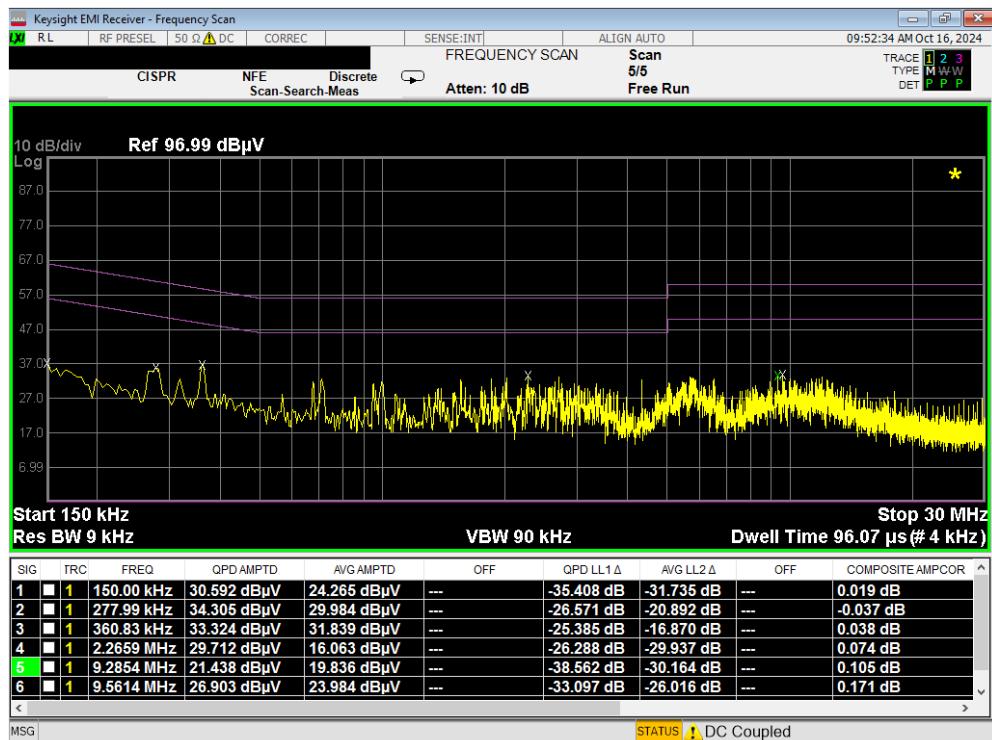


Plot 7-209. Line Conducted Plot with 802.11a UNII Band 3 (N) – WCP

FCC ID: A3LSMS936B	MEASUREMENT REPORT					Approved by: Technical Manager
Test Report S/N: 1M2408260066-17.A3L	Test Dates: 09/03/2024 – 11/5/2024	EUT Type: Portable Handset				



Plot 7-210. Line Conducted Plot with 802.11a UNII Band 4 (L1) – WCP



Plot 7-211. Line Conducted Plot with 802.11a UNII Band 4 (N) – WCP

FCC ID: A3LSMS936B	MEASUREMENT REPORT						Approved by: Technical Manager
Test Report S/N: 1M2408260066-17.A3L	Test Dates: 09/03/2024 – 11/5/2024	EUT Type: Portable Handset					Page 155 of 156

8.0 CONCLUSION

The data collected relate only the item(s) tested and show that the **Samsung Portable Handset** **FCC ID: A3LSMS936B** is in compliance with Part 15 Subpart E (15.407) of the FCC Rules.

MEASUREMENT REPORT			Approved by: Technical Manager
FCC ID: A3LSMS936B Test Report S/N: 1M2408260066-17.A3L	Test Dates: 09/03/2024 – 11/5/2024	EUT Type: Portable Handset	Page 156 of 156