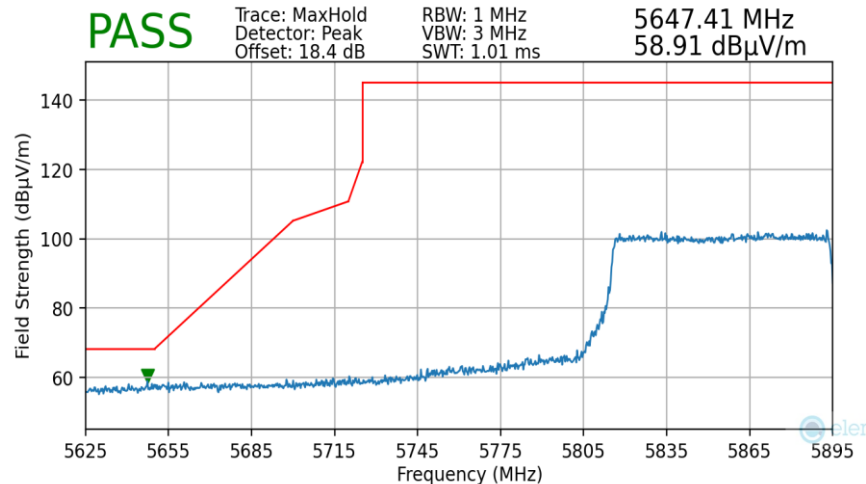
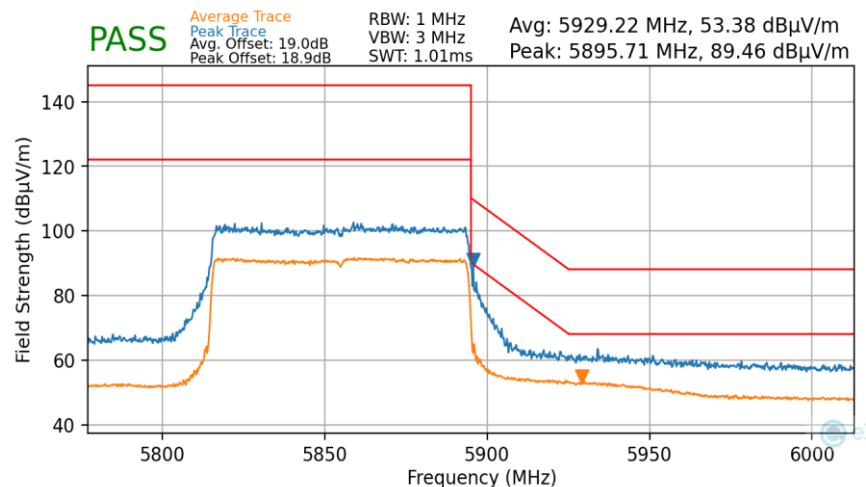


Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5855MHz
 Channel: 171



Plot 7-189. 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

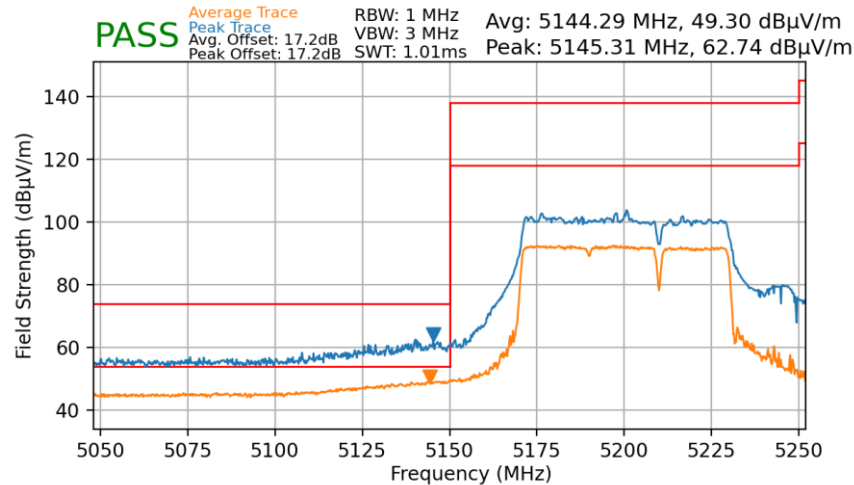


Plot 7-190. Radiated Upper Band Edge Plot MIMO (Average & Peak – UNII Band 4)

FCC ID: A3LSMF776JPN	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 2/24/2026 - 5/18/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2604240033-10.A3L	 This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo.	Page 145 of 169		

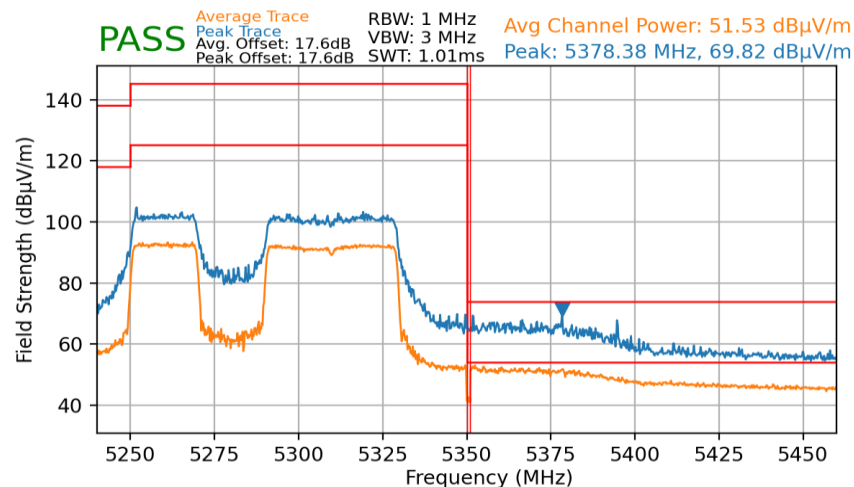
7.6.5 MIMO Radiated Band Edge Measurements (80MHz BW – Punctured)

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



Plot 7-191. Radiated Lower Band Edge Plot MIMO (Average & Peak – UNII Band 1 - Punctured)

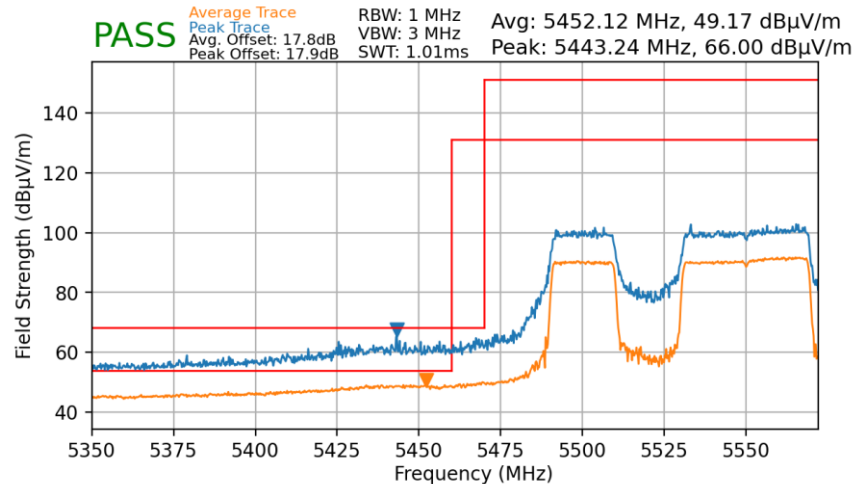
Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5290MHz
 Channel: 58



Plot 7-192. Radiated Upper Band Edge Plot MIMO (Average & Peak – UNII Band 2A – Punctured)

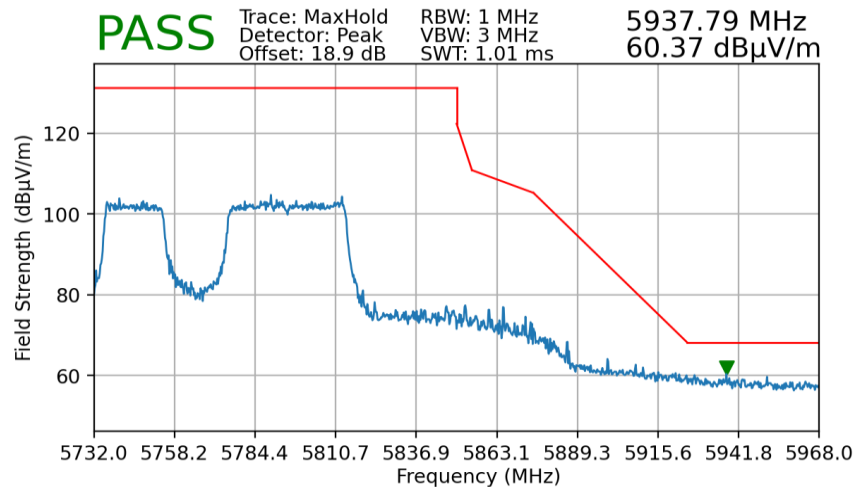
FCC ID: A3LSMF776JPN	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 2/24/2026 - 5/18/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2604240033-10.A3L	 This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo.	Page 146 of 169		

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



Plot 7-193. Radiated Lower Band Edge Plot MIMO (Average & Peak – UNII Band 2C – Punctured)

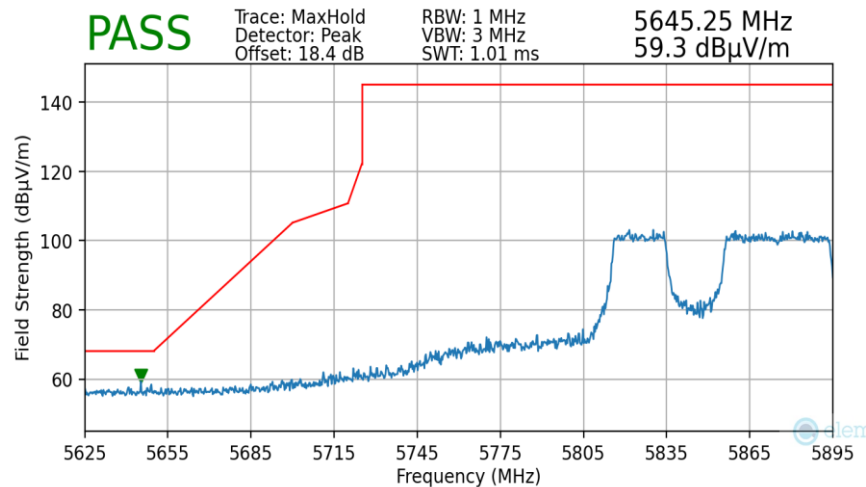
Worst Case Mode: 802.11be
Worst Case Transfer Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 5775MHz
Channel: 155



Plot 7-194. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3 – Punctured)

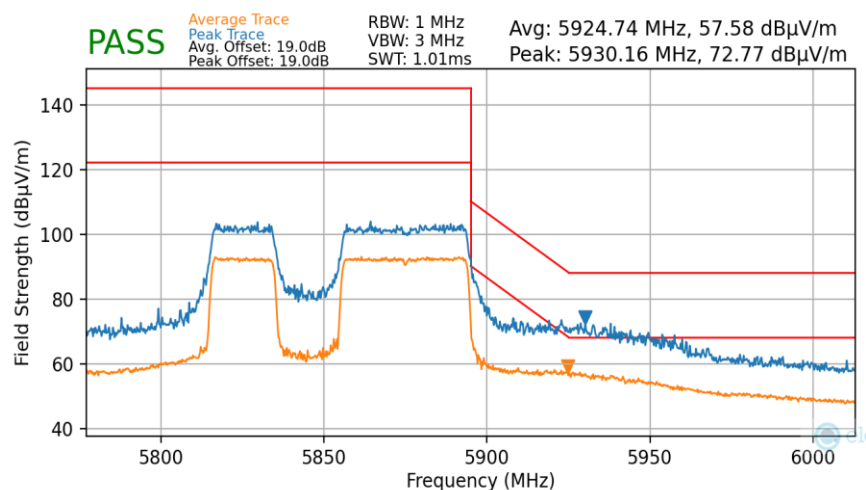
FCC ID: A3LSMF776JPN	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 2/24/2026 - 5/18/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2604240033-10.A3L	 This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo.	Page 147 of 169		

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



Plot 7-195. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 4 – Punctured)

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

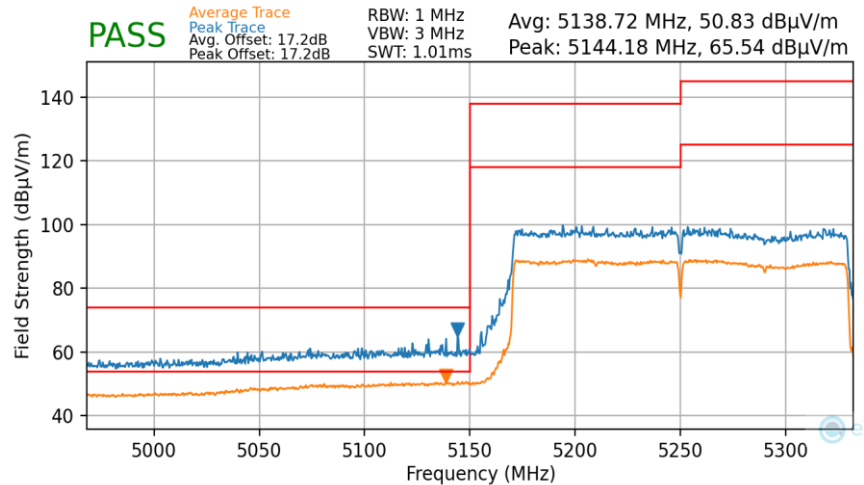


Plot 7-196. Radiated Upper Band Edge Plot MIMO (Average & Peak – UNII Band 4 – Punctured)

FCC ID: A3LSMF776JPN	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 2/24/2026 - 5/18/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2604240033-10.A3L	 This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo.	Page 148 of 169		

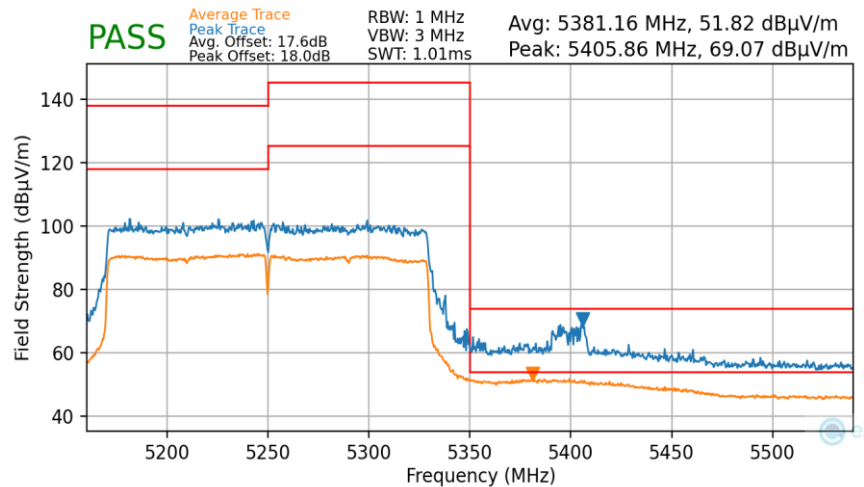
7.6.6 MIMO Radiated Band Edge Measurements (160MHz BW)

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



Plot 7-197. Radiated Lower Band Edge Plot MIMO (Average & Peak – UNII Band 1)

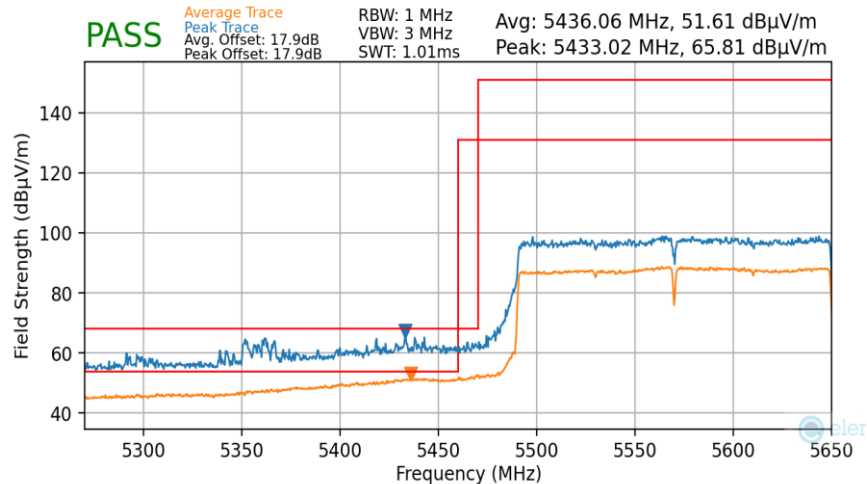
Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5250MHz
 Channel: 50



Plot 7-198. Radiated Upper Band Edge Plot MIMO (Average & Peak – UNII Band 2A)

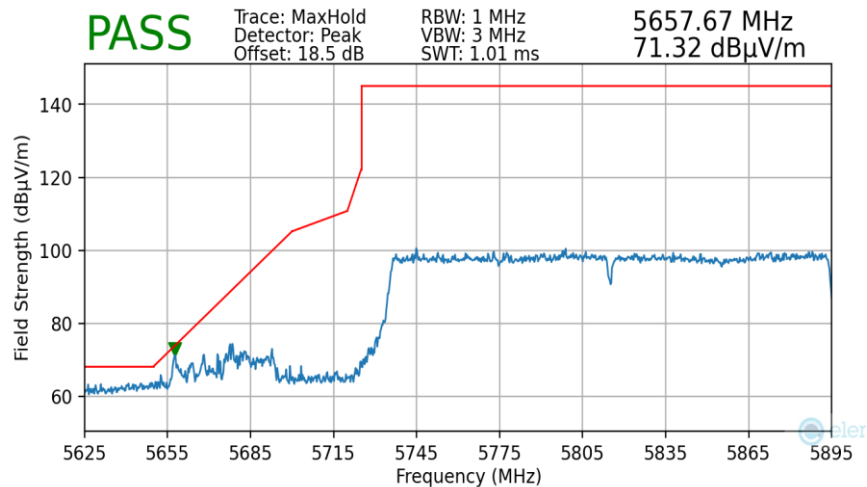
FCC ID: A3LSMF776JPN	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 2/24/2026 - 5/18/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2604240033-10.A3L	 This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo.			Page 149 of 169

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



Plot 7-199. Radiated Lower Band Edge Plot MIMO (Average & Peak – UNII Band 2C)

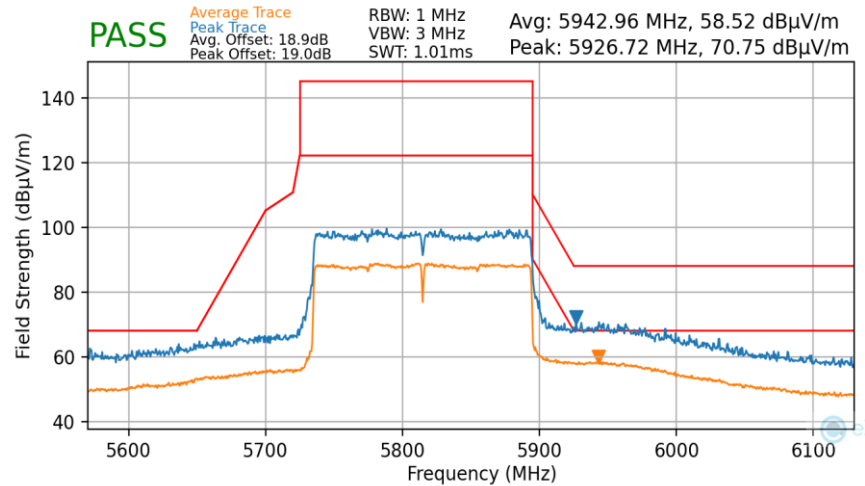
Worst Case Mode: 802.11ax
Worst Case Transfer Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 5815MHz
Channel: 163



Plot 7-200. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 4)

FCC ID: A3LSMF776JPN	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 2/24/2026 - 5/18/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2604240033-10.A3L	 This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo.	Page 150 of 169		

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

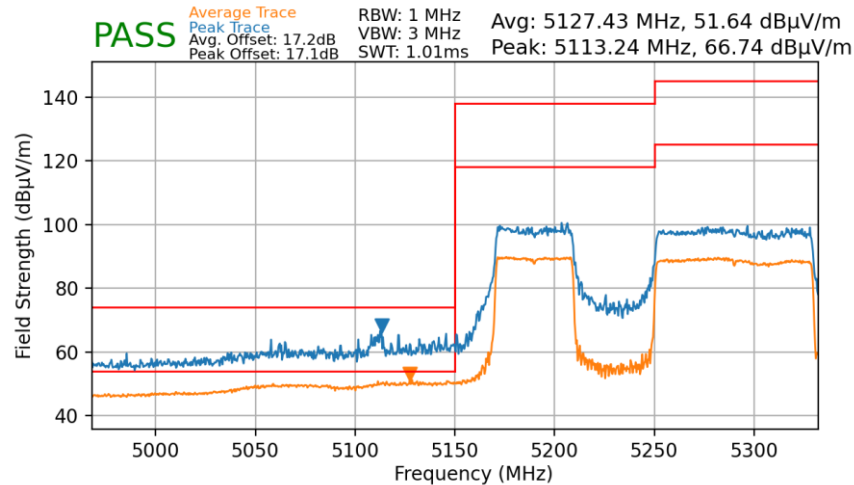


Plot 7-201. Radiated Upper Band Edge Plot MIMO (Average & Peak – UNII Band 4)

FCC ID: A3LSMF776JPN	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 2/24/2026 - 5/18/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2604240033-10.A3L	 This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo.	Page 151 of 169		

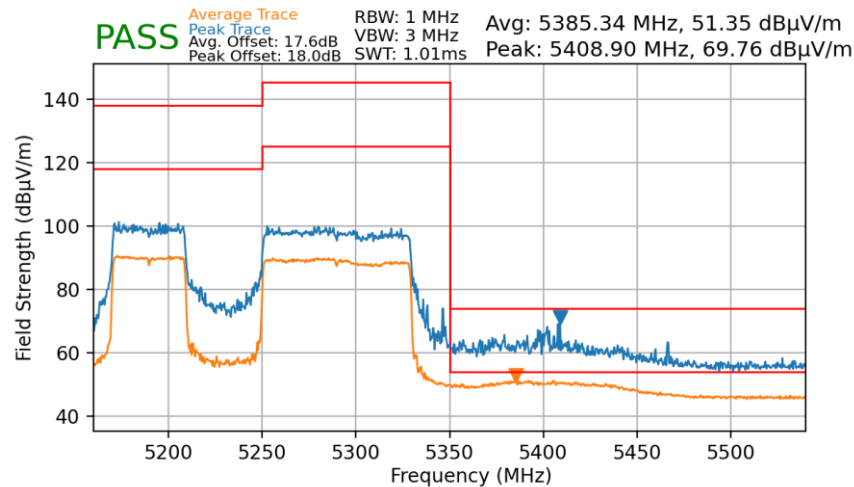
7.6.7 MIMO Radiated Band Edge Measurements (160MHz BW - Punctured)

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



Plot 7-202. Radiated Lower Band Edge Plot MIMO (Average & Peak – UNII Band 1 – Punctured)

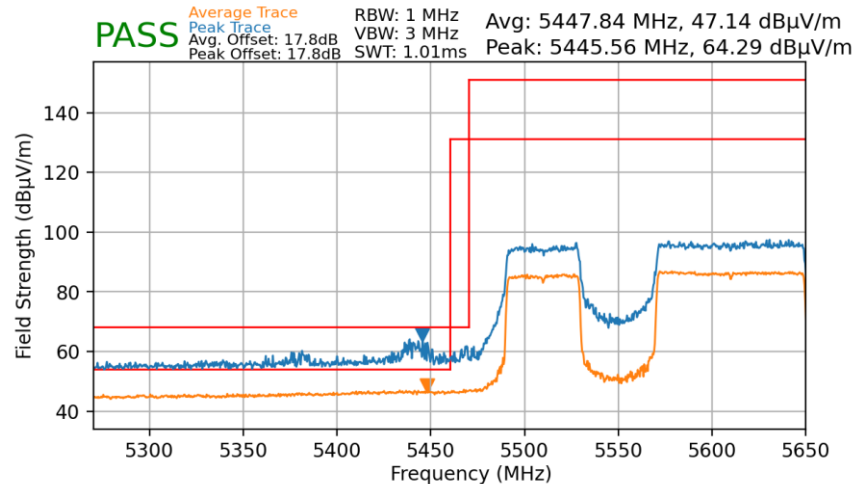
Worst Case Mode: 802.11be
Worst Case Transfer Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 5250MHz
Channel: 50



Plot 7-203. Radiated Upper Band Edge Plot MIMO (Average & Peak – UNII Band 2A – Punctured)

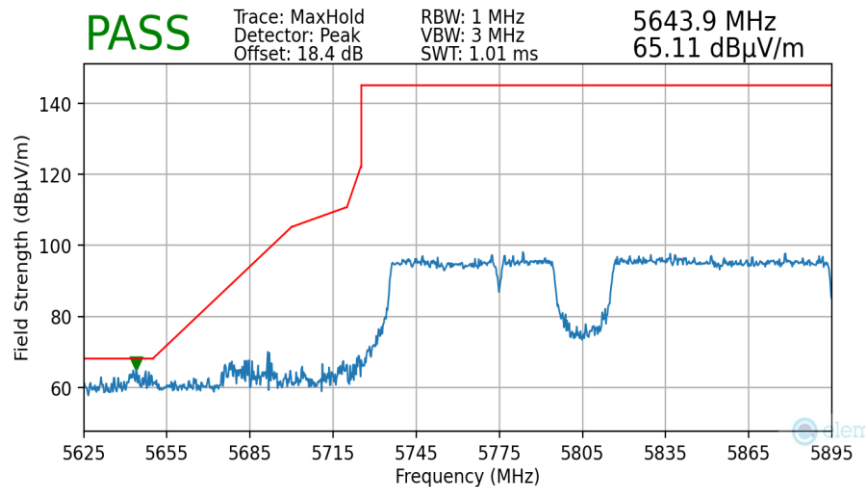
FCC ID: A3LSMF776JPN	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 2/24/2026 - 5/18/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2604240033-10.A3L	 This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo.	Page 152 of 169		

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



Plot 7-204. Radiated Lower Band Edge Plot MIMO (Average & Peak – UNII Band 2C – Punctured)

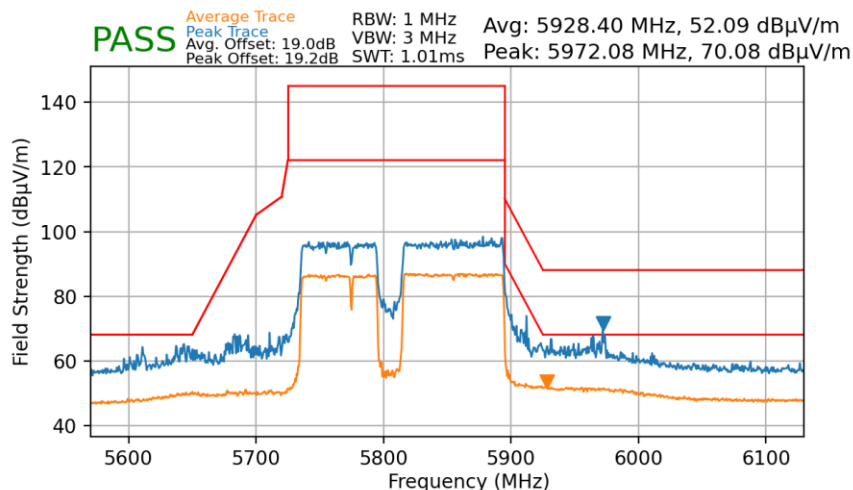
Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5815MHz
 Channel: 163



Plot 7-205. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 4 – Punctured)

FCC ID: A3LSMF776JPN	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 2/24/2026 - 5/18/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2604240033-10.A3L	 This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo.	Page 153 of 169		

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



Plot 7-206. Radiated Upper Band Edge Plot MIMO (Average & Peak – UNII Band 4 – Punctured)

FCC ID: A3LSMF776JPN	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 2/24/2026 - 5/18/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2604240033-10.A3L	 This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo.	Page 154 of 169		

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 (dBμV)	
	Quasi-peak	Average
0.15 – 0.5	66 to 56*	56 to 46*
0.5 – 5	56	46
5 – 30	60	50

Table 7-40. Conducted Limits

*Decreases with the logarithm of the frequency.

Test Procedures Used

ANSI C63.10:2020, 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: A3LSMF776JPN	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 2/24/2026 - 5/18/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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Test Setup

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

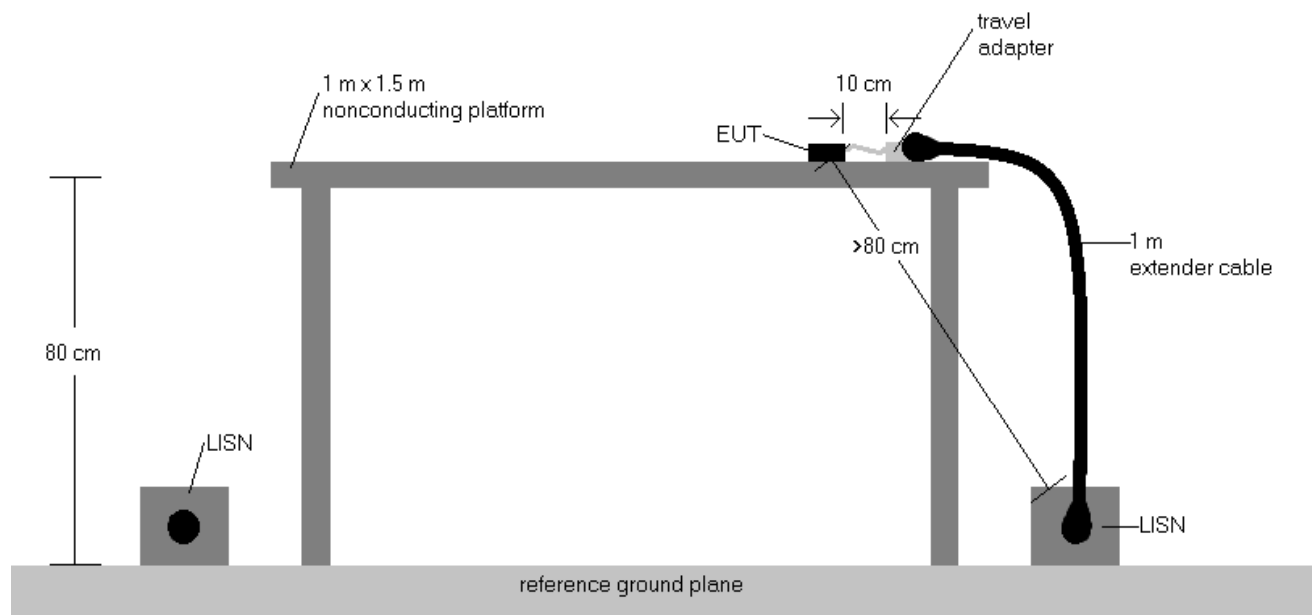
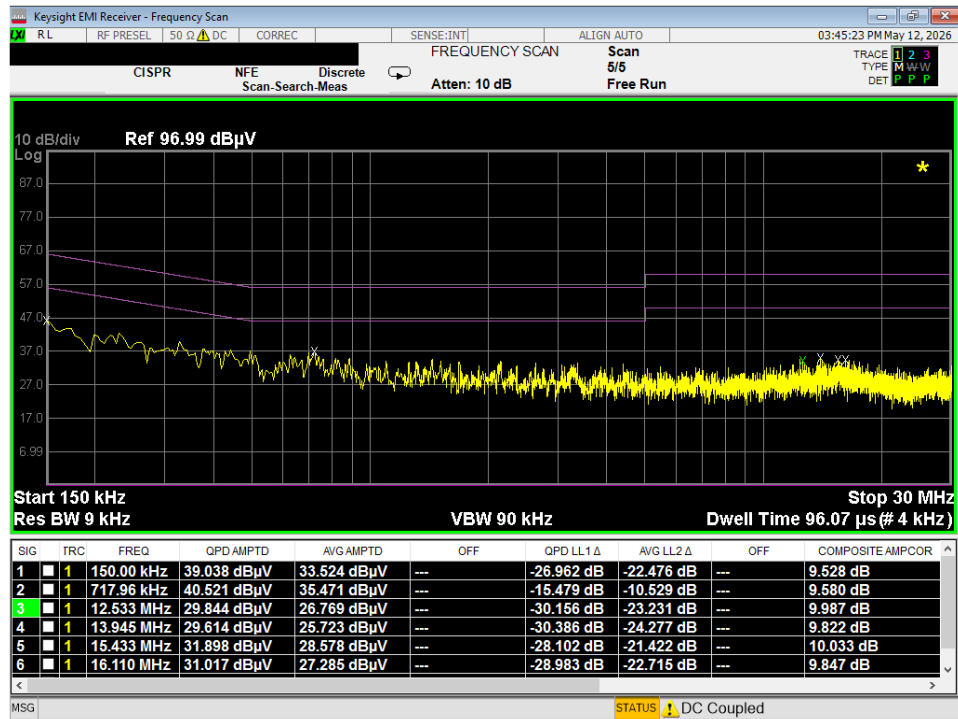


Figure 7-8. Test Instrument & Measurement Setup

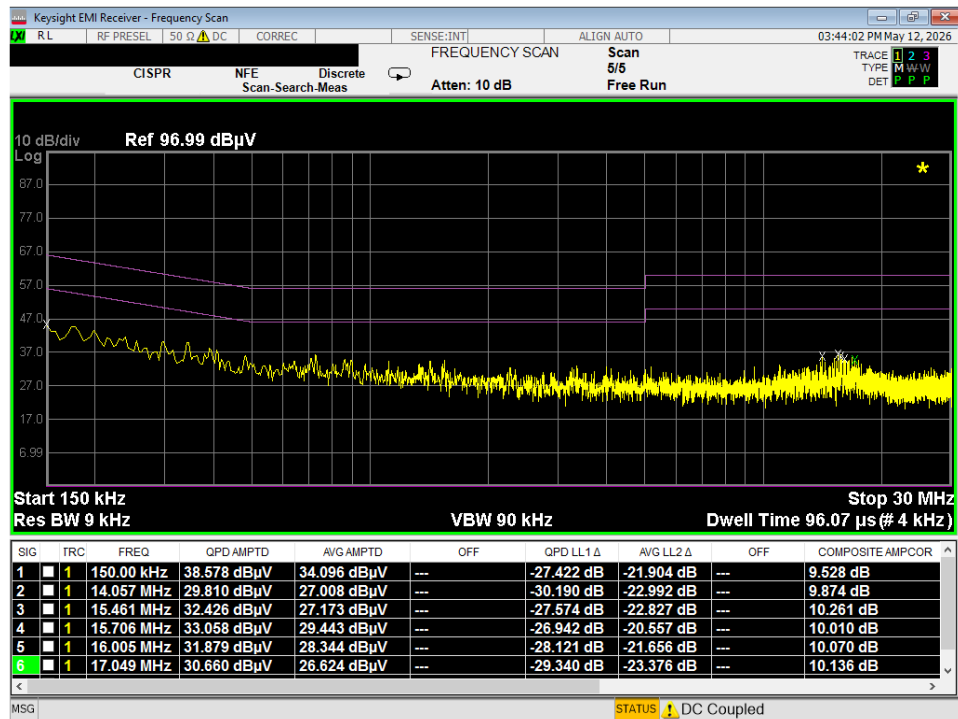
Test Notes

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. $\text{Corr. (dB)} = \text{Cable loss (dB)} + \text{LISN insertion factor (dB)}$
4. $\text{QP/AV Level (dB}\mu\text{V)} = \text{QP/AV Analyzer/Receiver Level (dB}\mu\text{V)} + \text{Corr. (dB)}$
5. $\text{Margin (dB)} = \text{QP/AV Limit (dB}\mu\text{V)} - \text{QP/AV Level (dB}\mu\text{V)}$
6. Traces shown in plot are made using a peak detector.
7. Deviations to the Specifications: None.

FCC ID: A3LSMF776JPN	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 2/24/2026 - 5/18/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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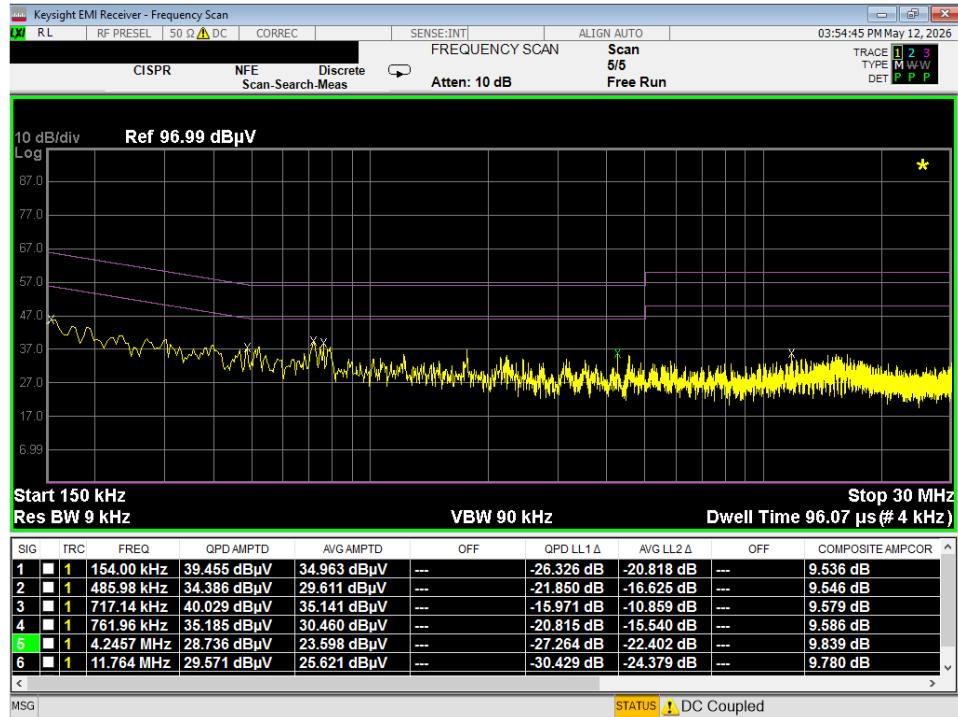


Plot 7-207. Line Conducted Plot with 802.11a UNII Band 1 (L1)

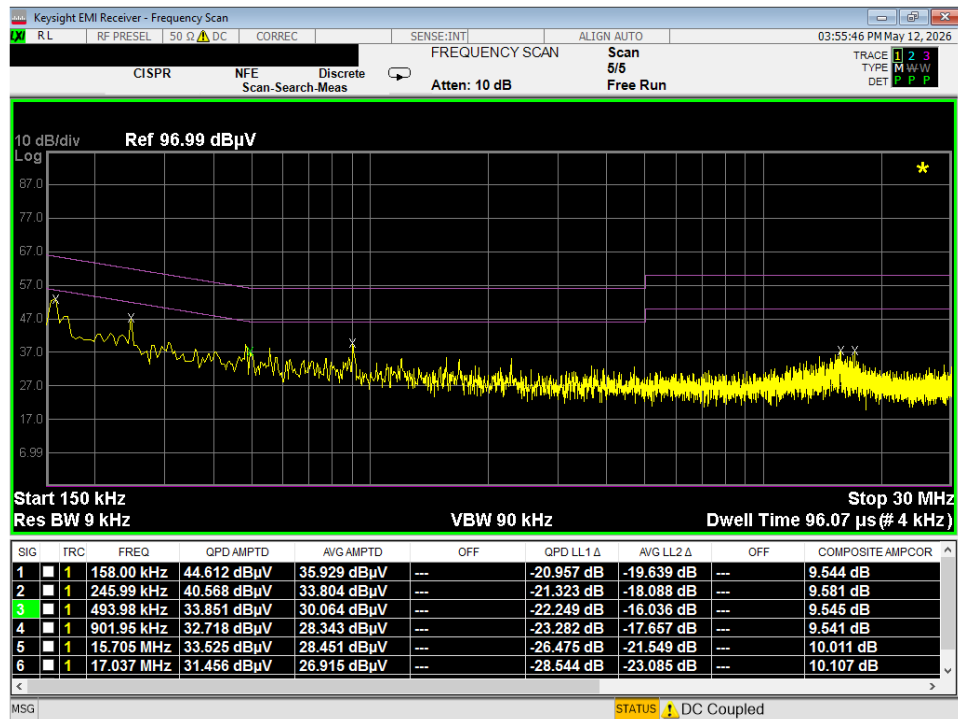


Plot 7-208. Line Conducted Plot with 802.11a UNII Band 1 (N)

FCC ID: A3LSMF776JPN	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 2/24/2026 - 5/18/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2604240033-10.A3L	 This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo.			Page 157 of 169

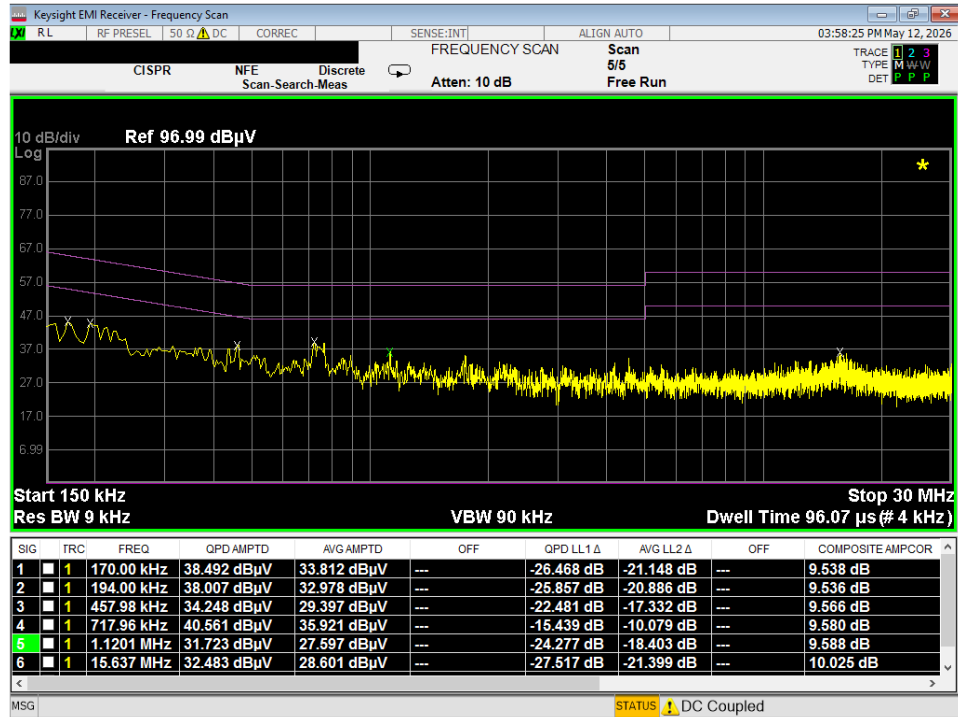


Plot 7-209. Line Conducted Plot with 802.11a UNII Band 2A (L1)

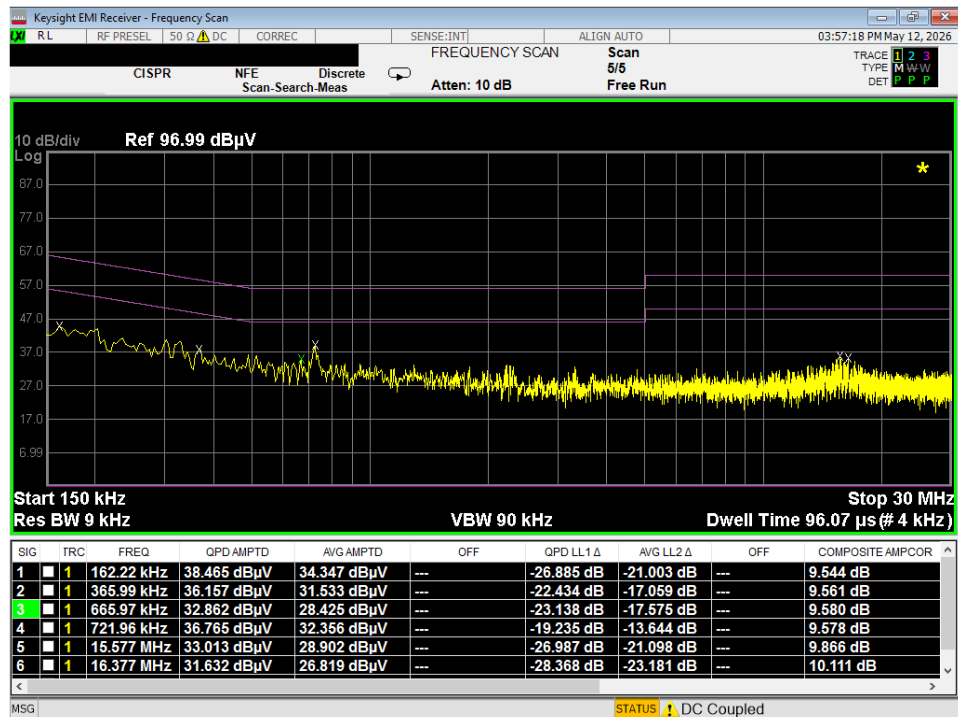


Plot 7-210. Line Conducted Plot with 802.11a UNII Band 2A (N)

FCC ID: A3LSMF776JPN	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 2/24/2026 - 5/18/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2604240033-10.A3L	 This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo.			Page 158 of 169

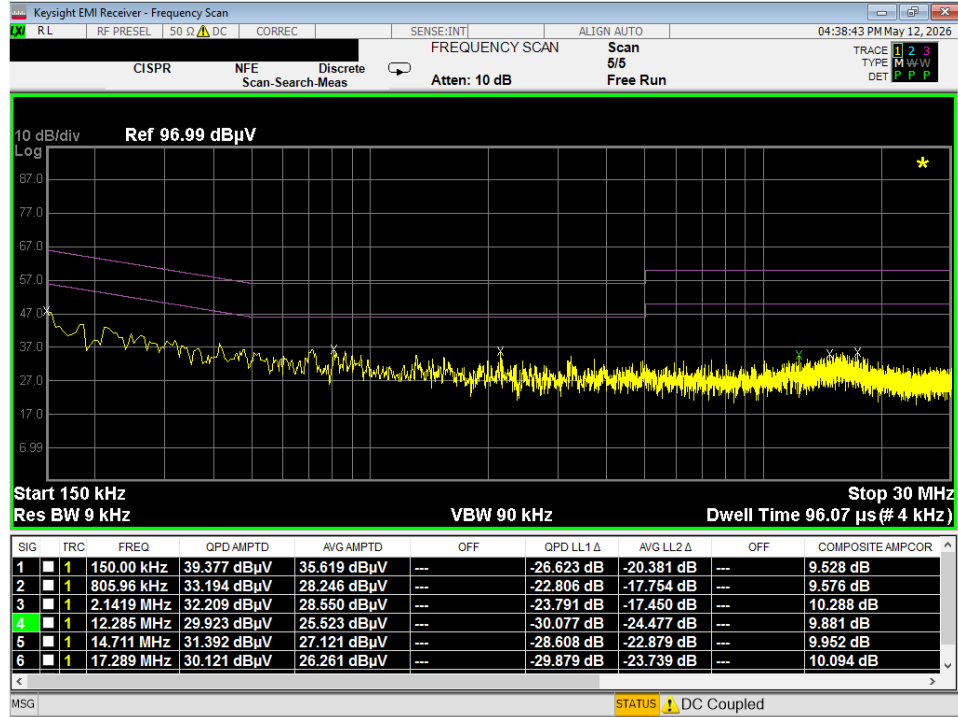


Plot 7-211. Line Conducted Plot with 802.11a UNII Band 2C (L1)

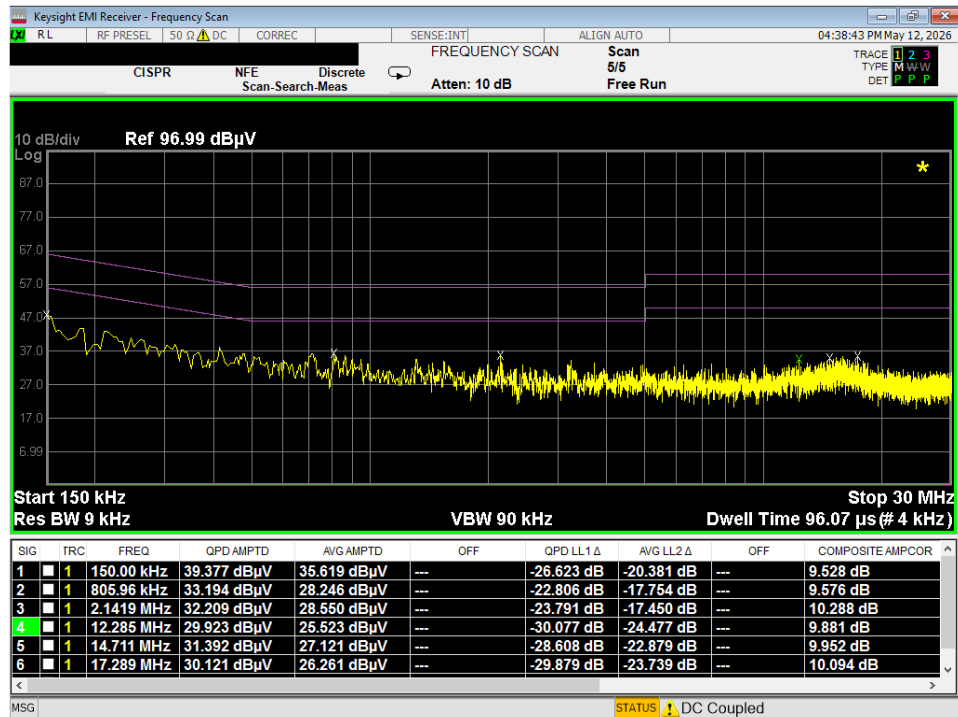


Plot 7-212. Line Conducted Plot with 802.11a UNII Band 2C (N)

FCC ID: A3LSMF776JPN	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 2/24/2026 - 5/18/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2604240033-10.A3L	 This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo.			Page 159 of 169

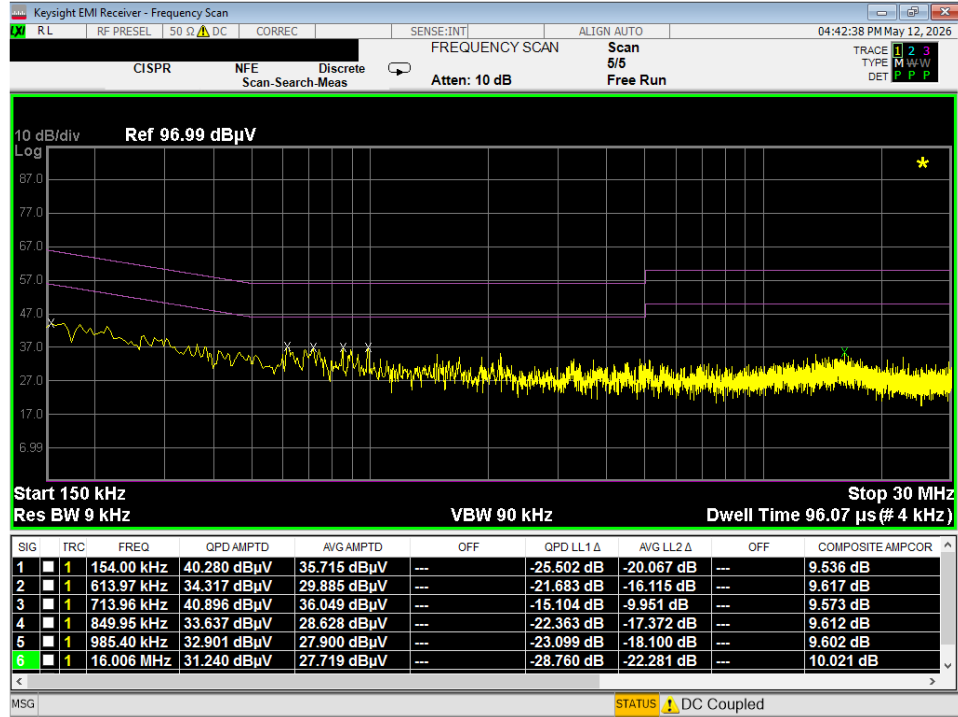


Plot 7-213. Line Conducted Plot with 802.11a UNII Band 3 (L1)

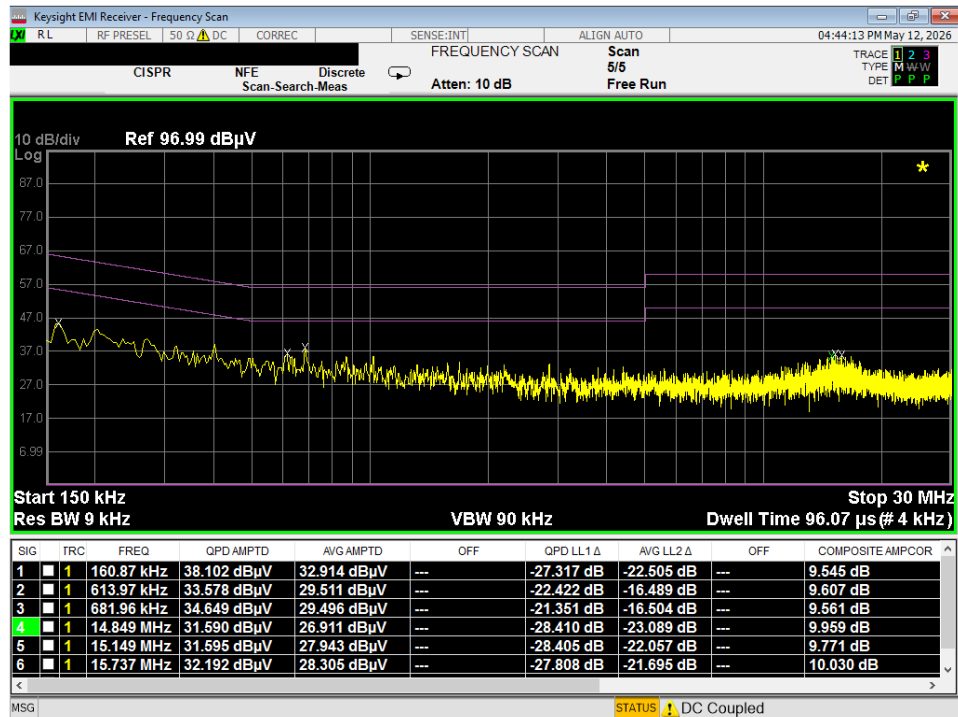


Plot 7-214. Line Conducted Plot with 802.11a UNII Band 3 (N)

FCC ID: A3LSMF776JPN	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 2/24/2026 - 5/18/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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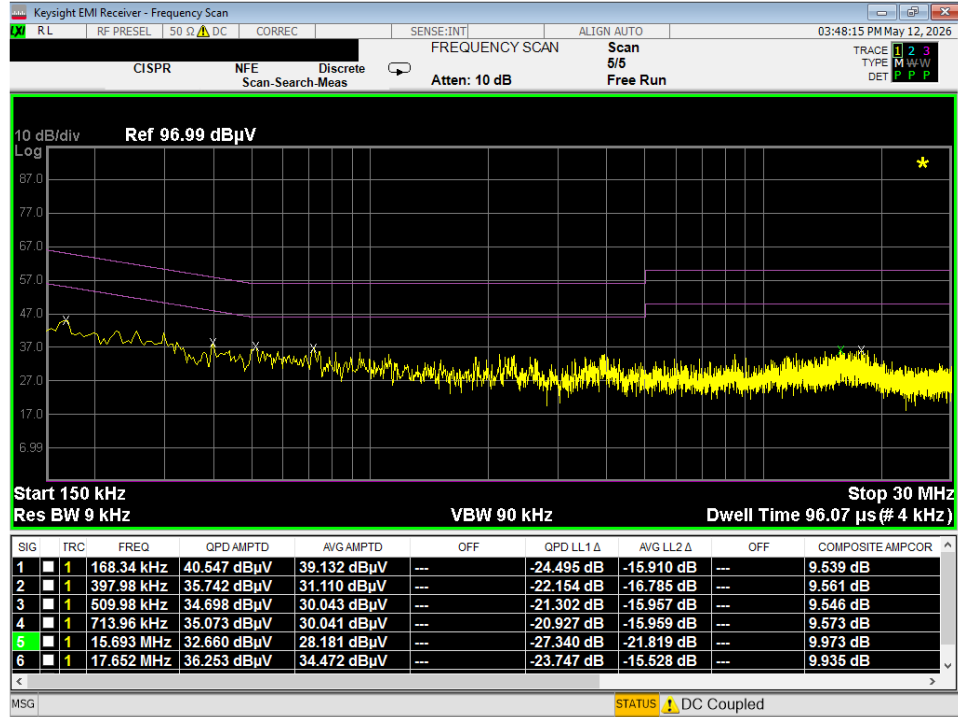


Plot 7-215. Line Conducted Plot with 802.11a UNII Band 4 (L1)

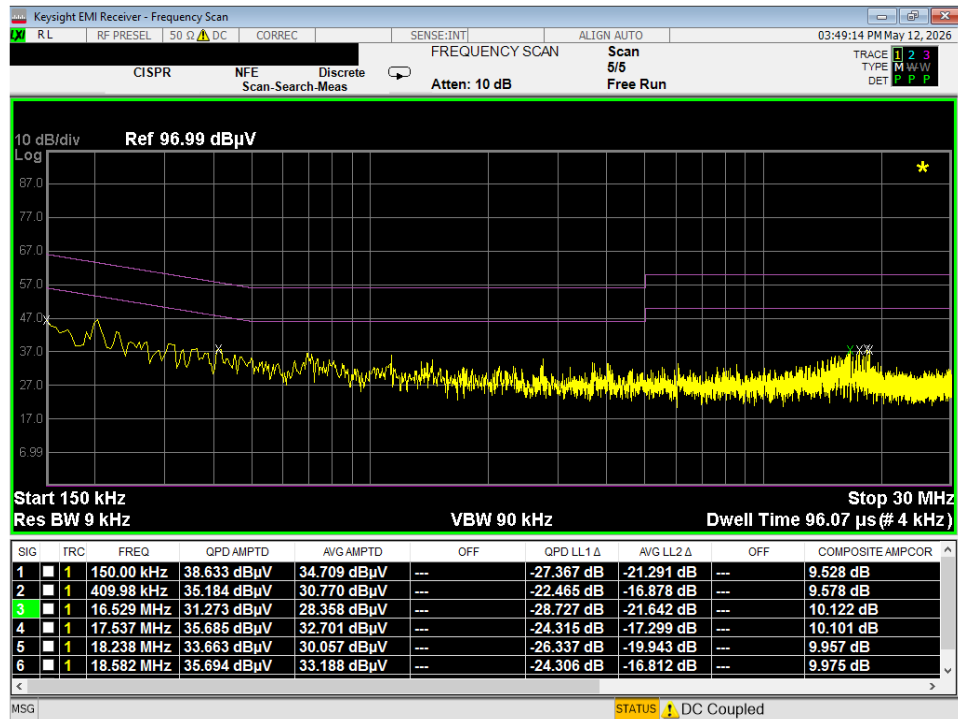


Plot 7-216. Line Conducted Plot with 802.11a UNII Band 4 (N)

FCC ID: A3LSMF776JPN	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 2/24/2026 - 5/18/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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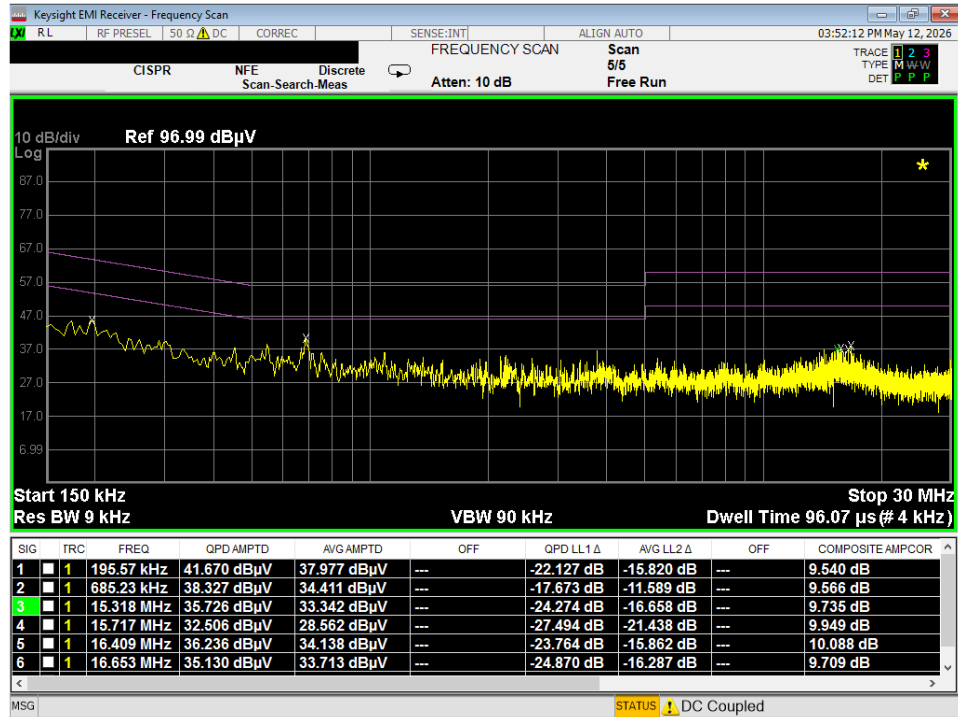


Plot 7-217. Line Conducted Plot with 802.11a UNII Band 1 (L1) with WCP

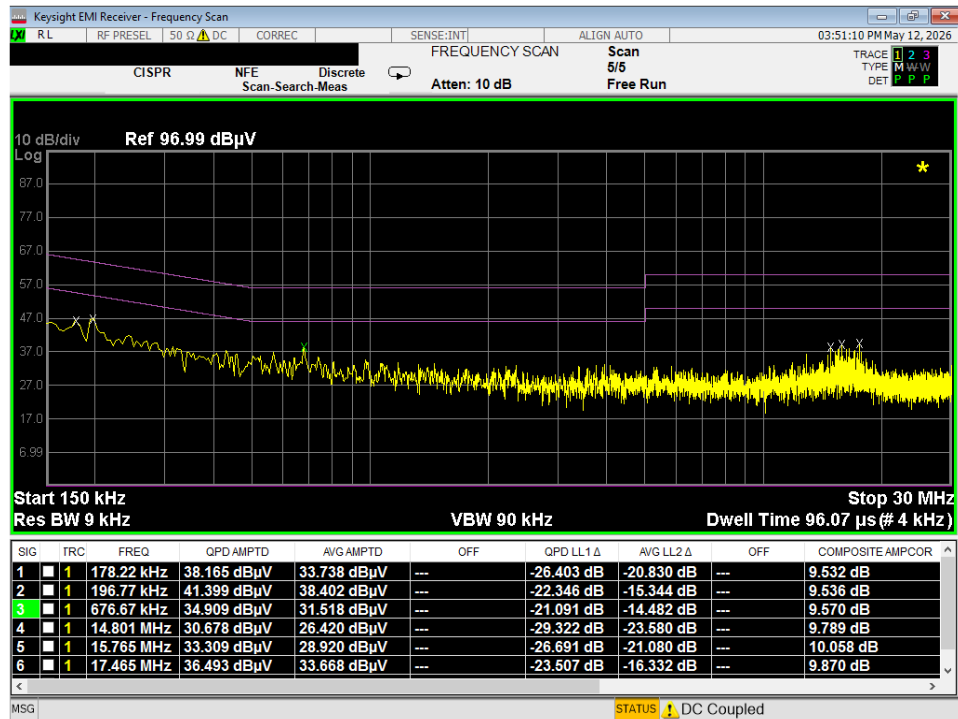


Plot 7-218. Line Conducted Plot with 802.11a UNII Band 1 (N) with WCP

FCC ID: A3LSMF776JPN	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 2/24/2026 - 5/18/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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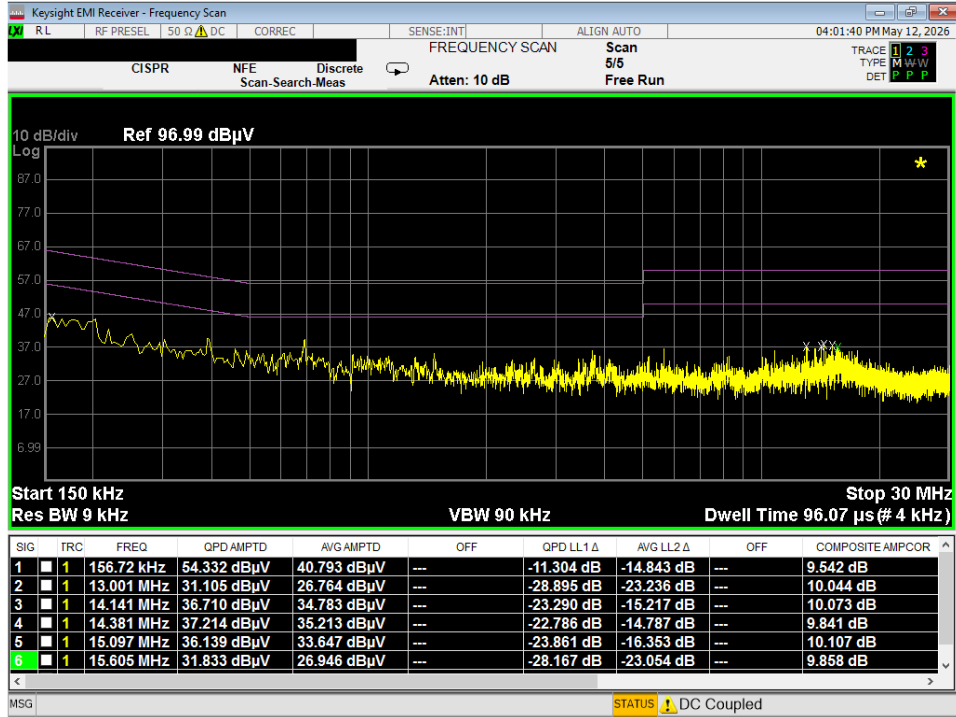


Plot 7-219. Line Conducted Plot with 802.11a UNII Band 2A (L1) with WCP

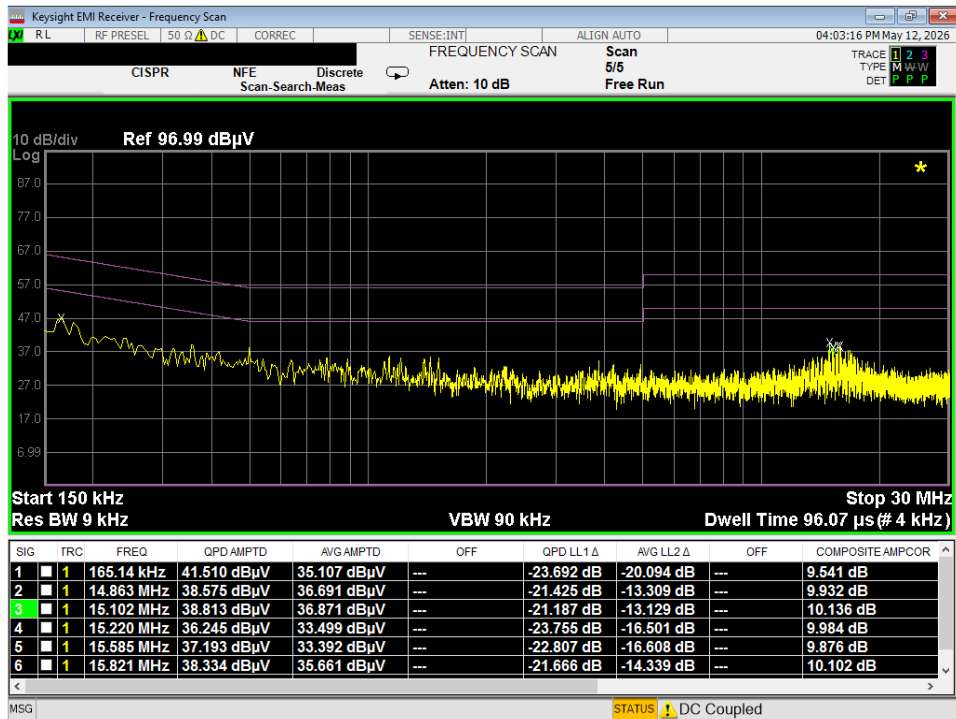


Plot 7-220. Line Conducted Plot with 802.11a UNII Band 2A (N) with WCP

FCC ID: A3LSMF776JPN	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 2/24/2026 - 5/18/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2604240033-10.A3L	 This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo.			Page 163 of 169

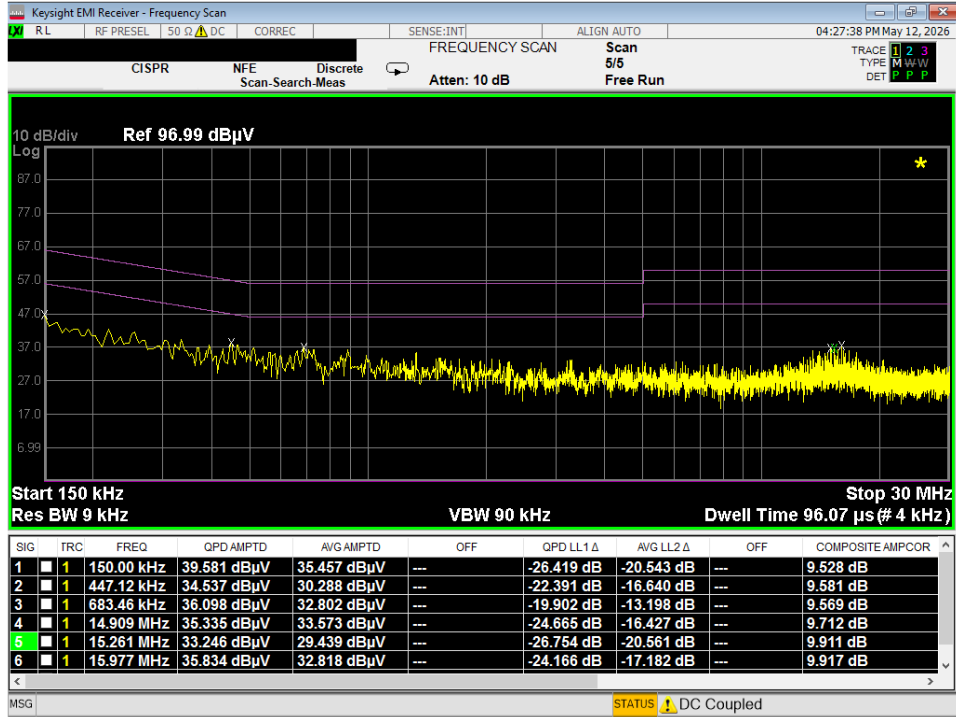


Plot 7-221. Line Conducted Plot with 802.11a UNII Band 2C (L1) with WCP

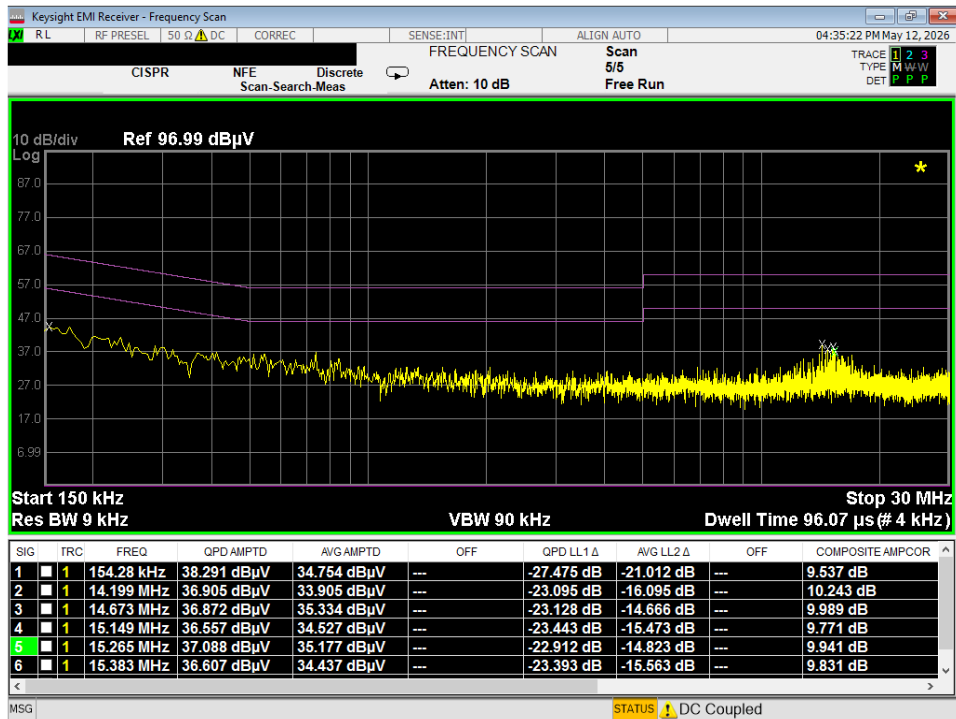


Plot 7-222. Line Conducted Plot with 802.11a UNII Band 2C (N) with WCP

FCC ID: A3LSMF776JPN	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 2/24/2026 - 5/18/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2604240033-10.A3L	 This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo.			Page 164 of 169

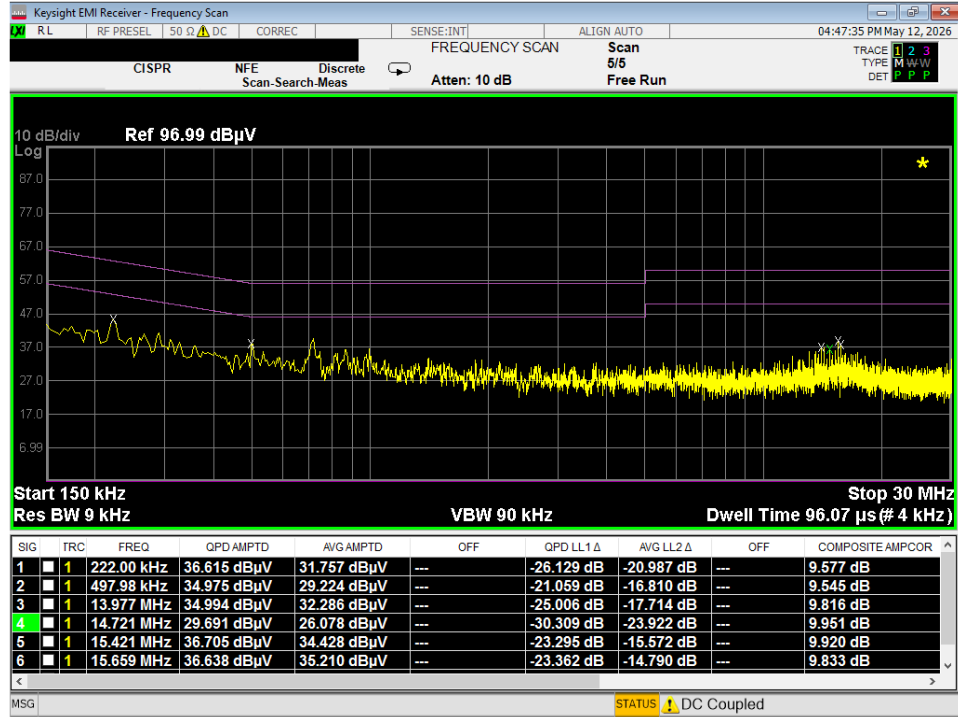


Plot 7-223. Line Conducted Plot with 802.11a UNII Band 3 (L1) with WCP

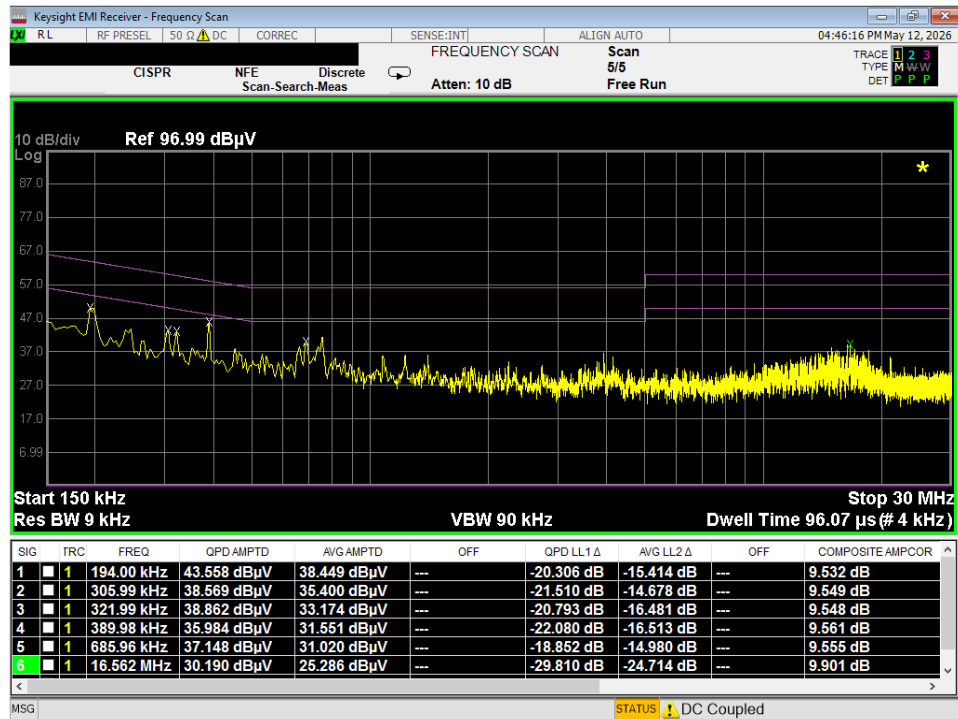


Plot 7-224. Line Conducted Plot with 802.11a UNII Band 3 (N) with WCP

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Plot 7-225. Line Conducted Plot with 802.11a UNII Band 4 (L1) with WCP



Plot 7-226. Line Conducted Plot with 802.11a UNII Band 4 (N) with WCP

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8.0 CONCLUSION

The data collected relate only the item(s) tested and show that the **Samsung Portable Handset FCC ID: A3LSMF776JPN** is in compliance with FCC Part Subpart E (15.407) of the FCC rules. The data referenced from **FCC ID: A3LSMF776U** (Model SM-F776U) included in this report have been reviewed and are deemed acceptable to support the compliance of **FCC ID: A3LSMF776JPN**.

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9.0 APPENDIX A – DATA REFERENCING SPOT-CHECKS

Overview

The spot-check data presented in this section was measured on the variant model following the guidance of the FCC's Data Referencing guidance in KDB 484596 D01 v03. Each spot-check test on the EUT was performed using the same procedure and setting that were used to perform the test on the corresponding reference device. For the worst-case RSE data, the measurement is determined by an actual emission and not by noise floor.

All test cases were performed to verify the variant EUT is still in compliance with the spot-checked results to the reference device and was performed using the guidance of ANSI C63.10:2020.

Notes

Each spot check test on the EUT was performed using the same procedure and setting that were used to perform the test on the corresponding reference device.

Conducted Spot-Checks – Model: SC-55G

5GHz WIFI (20MHz 802.11a MIMO)						Conducted Power Limit [dBm]	Conducted Power Margin [dB]	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-1	5200	40	16.81	17.81	20.35	23.98	-3.63	-2.45	17.90	30.00	-12.10
UNII-2A	5280	56	17.13	17.89	20.54	23.98	-3.44	-2.10	18.44	30.00	-11.56
UNII-2C	5600	120	17.18	17.83	20.53	23.98	-3.45	-2.62	17.91	30.00	-12.09
UNII-3	5785	157	17.17	17.99	20.61	30.00	-9.39	-4.39	16.22	36.00	-19.78
UNII-4	5865	173	17.01	17.70	20.38	-	-	-4.39	15.99	30.00	-14.01

Table 9-1. Conducted Output Power Measurements (Spot-check)

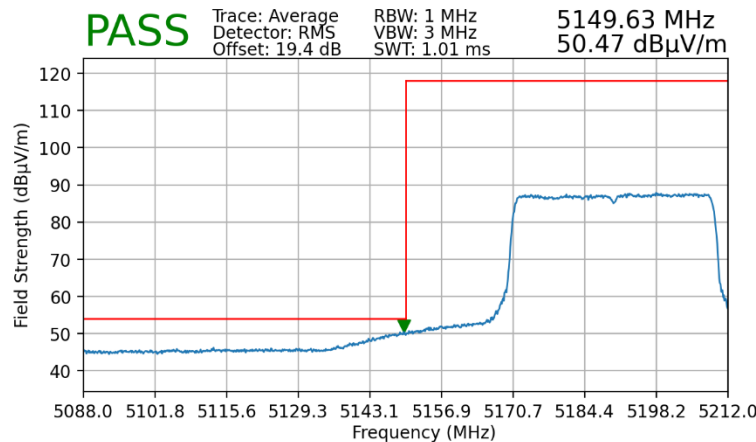
FCC ID: A3LSMF776JPN	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 2/24/2026 - 5/18/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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Radiated Spot-Checks – Model: SC-55G

Mode	Antenna	UNII Band	Channel	Test Channel Freq. [MHz]	Restricted	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
802.11a	MIMO	2A	64	5320	*	10640.00	Average	H	-	-	-83.25	19.37	0.00	43.12	53.98	-10.86

Table 9-2. RSE Measurements (Spot-check)

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5190MHz
 Channel: 38



Plot 9-1. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1)

Results

FCC Rules	Test Item	Test Case	Units	Limit	Reference Model: A3LSMF776U	Variant Model: A3LSMF776JPN	Deviation (dB)	Max Deviation (dB)	Pass/Fail
2.1046, 15.407(a)(8)	Conducted Output Power	Mid Channel Each UNII Band - 802.11a 20MHz	dBm	23.98	20.46	20.35	-0.11	1	PASS
					20.63	20.54	-0.09	1	PASS
					20.24	20.53	0.29	1	PASS
					20.72	20.61	-0.11	1	PASS
					20.64	20.38	-0.26	1	PASS
15.209, 15.407(b)(1), 15.407(b)(2), 15.407(b)(3), 15.407(b)(4)	Radiated Spurious Emissions	802.11a MIMO Ch.64 - 10640MHz - Average	dBμV/m	68.20	43.06	43.12	0.06	3	PASS
15.209	Radiated Band Edge Emissions	802.11ax MIMO Ch.38 - Average	dBμV/m	53.98	51.43	50.47	-0.96	3	PASS

Table 9-3. Summary of Spot-checks

- END OF TEST REPORT -

FCC ID: A3LSMF776JPN	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 2/24/2026 - 5/18/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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