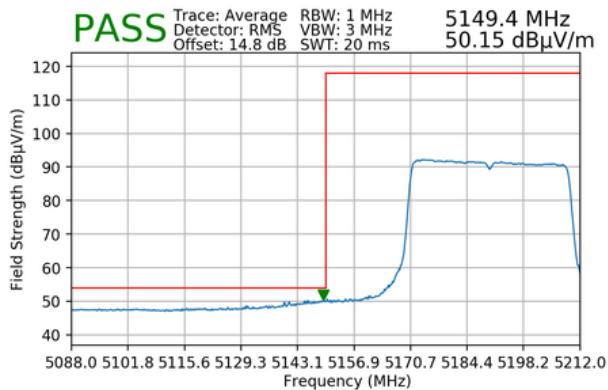
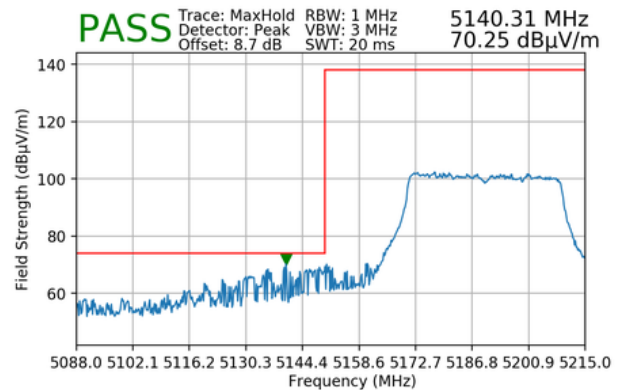


7.6.5 MIMO Radiated Band Edge Measurements (40MHz BW – Full Tone – 484T)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	65
Distance of Measurements:	3 Meters
Operating Frequency:	5190MHz
Channel:	38

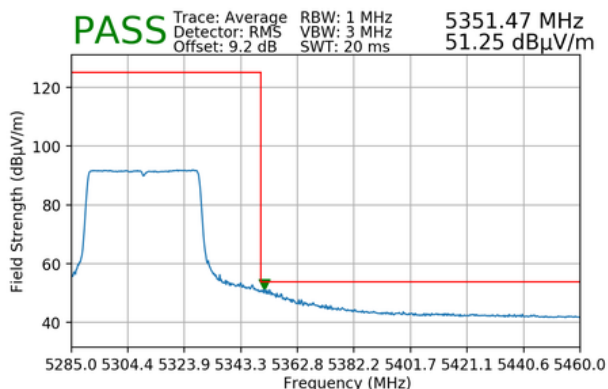


Plot 7-192. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 484 Tones)

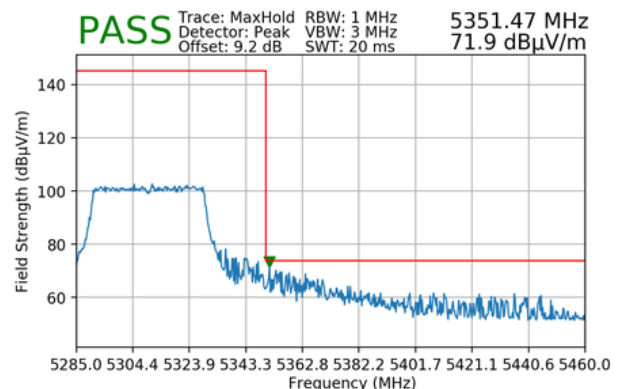


Plot 7-193. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 484 Tones)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	65
Distance of Measurements:	3 Meters
Operating Frequency:	5310MHz
Channel:	62



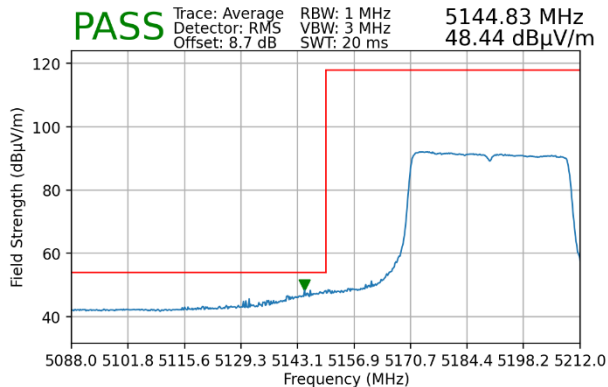
Plot 7-194. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 484 Tones)



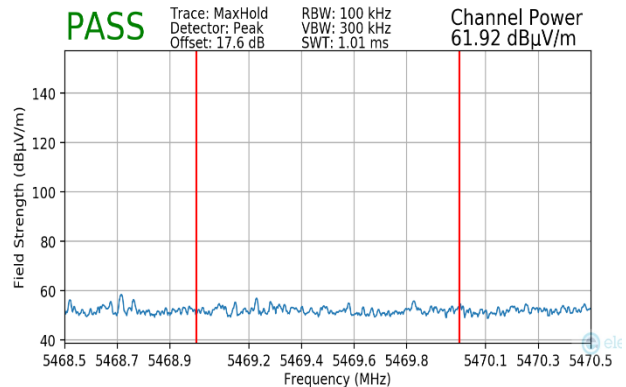
Plot 7-195. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 484 Tones)

FCC ID: A3LSMF731B	MEASUREMENT REPORT		Approved by: Technical Manager
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Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 65
 Distance of Measurements: 3 Meters
 Operating Frequency: 5510MHz
 Channel: 102

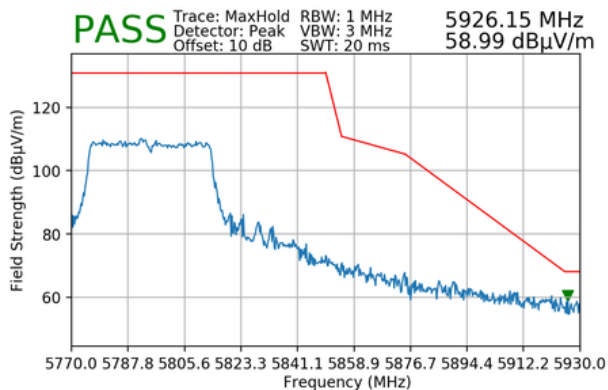


**Plot 7-196. Radiated Lower Band Edge Plot MIMO
(Average – UNII Band 2C – 484 Tones)**



**Plot 7-197. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 2C – 484 Tones)**

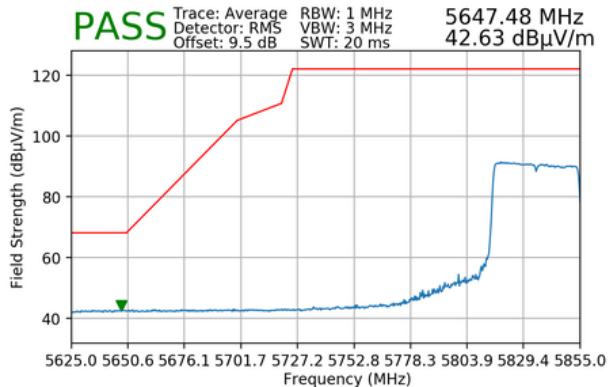
Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 65
 Distance of Measurements: 3 Meters
 Operating Frequency: 5795MHz
 Channel: 159



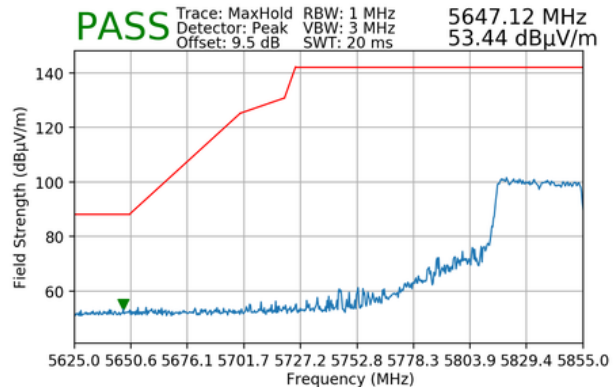
**Plot 7-198. Radiated Upper Band Edge Plot MIMO
(Peak – UNII Band 3 – 484 Tones)**

FCC ID: A3LSMF731B	MEASUREMENT REPORT		Approved by: Technical Manager
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Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 65
 Distance of Measurements: 3 Meters
 Operating Frequency: 5835MHz
 Channel: 167

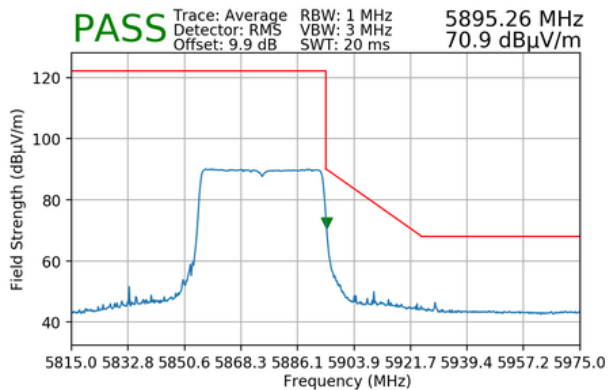


Plot 7-199. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 4 – 484 Tones)

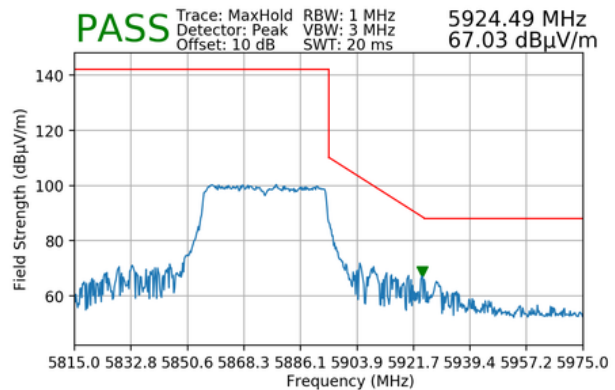


Plot 7-200. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 4 – 484 Tones)

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 65
 Distance of Measurements: 3 Meters
 Operating Frequency: 5875MHz
 Channel: 175



Plot 7-201. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 4 – 484 Tones)

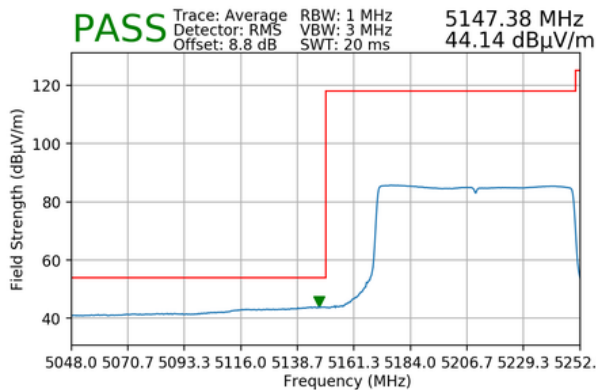


Plot 7-202. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 4 – 484 Tones)

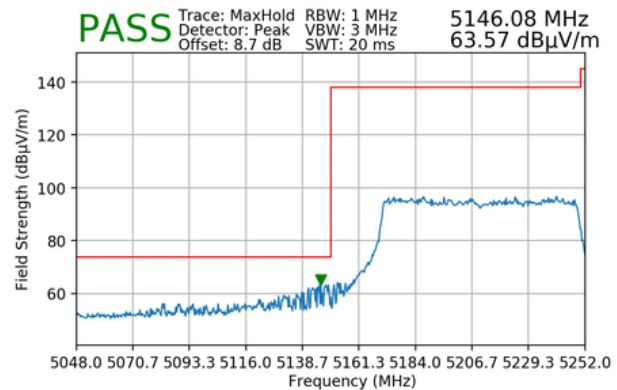
FCC ID: A3LSMF731B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303170032-12.A3L	Test Dates: 3/4 - 5/26/2023	EUT Type: Portable Handset	Page 152 of 159

7.6.6 MIMO Radiated Band Edge Measurements (80MHz BW – Full Tone – 996T)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	67
Distance of Measurements:	3 Meters
Operating Frequency:	5210MHz
Channel:	42

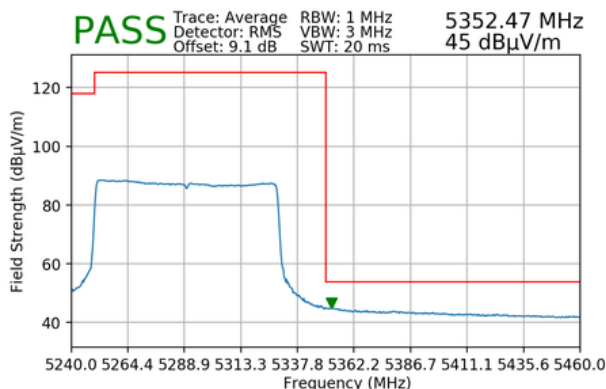


Plot 7-203. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 996 Tones)

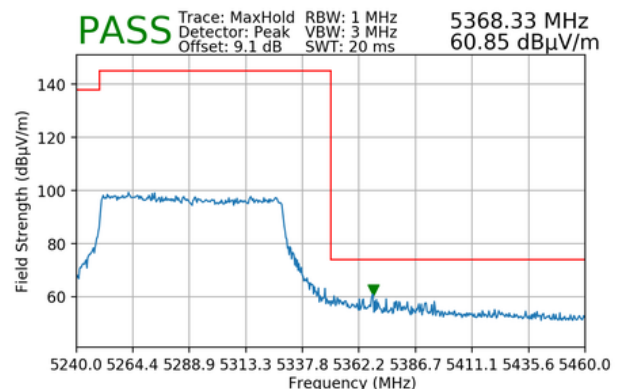


Plot 7-204. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 996 Tones)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	67
Distance of Measurements:	3 Meters
Operating Frequency:	5290MHz
Channel:	58



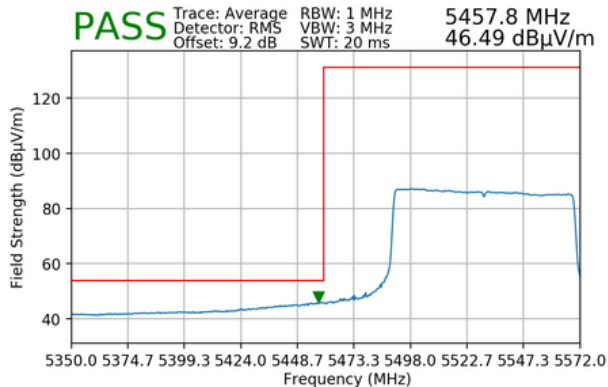
Plot 7-205. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 996 Tones)



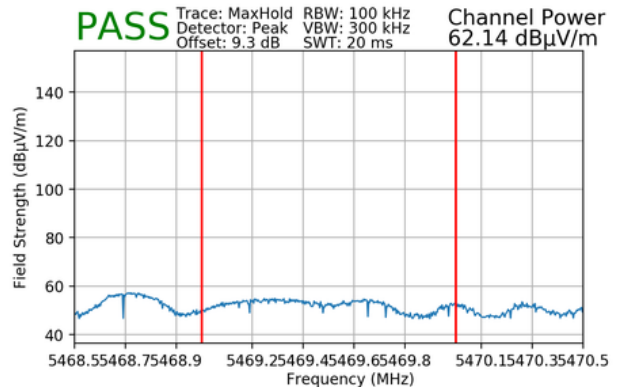
Plot 7-206. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 996 Tones)

FCC ID: A3LSMF731B	MEASUREMENT REPORT		Approved by: Technical Manager
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Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 67
 Distance of Measurements: 3 Meters
 Operating Frequency: 5530MHz
 Channel: 106

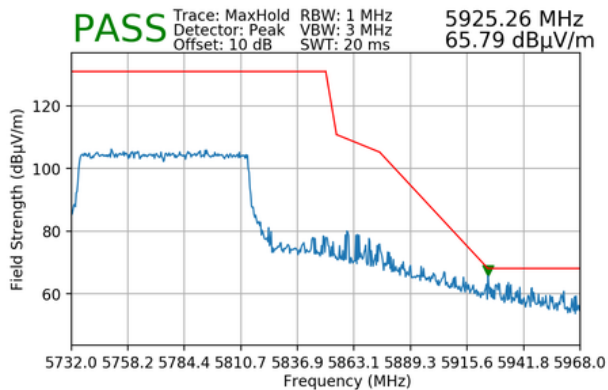


Plot 7-207. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C – 996 Tones)



Plot 7-208. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C – 996 Tones)

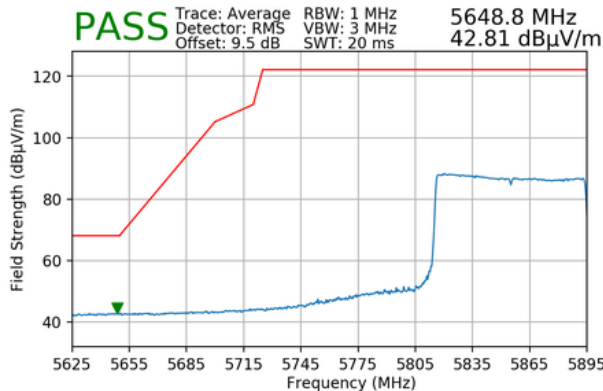
Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 67
 Distance of Measurements: 3 Meters
 Operating Frequency: 5775MHz
 Channel: 155



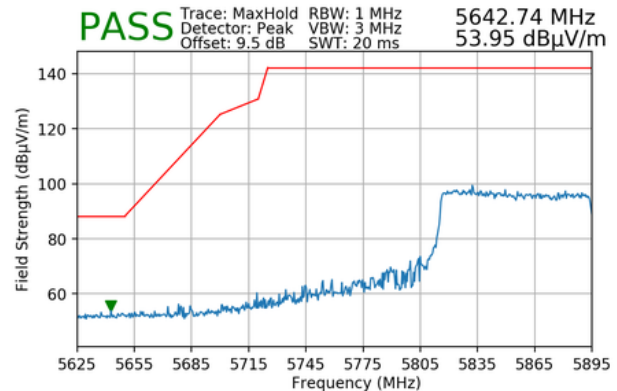
Plot 7-209. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3 – 996 Tones)

FCC ID: A3LSMF731B	MEASUREMENT REPORT		Approved by: Technical Manager
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Worst Case Mode: 802.11ax
Worst Case Transfer Rate: MCS0
RU Index: 67
Distance of Measurements: 3 Meters
Operating Frequency: 5855MHz
Channel: 171

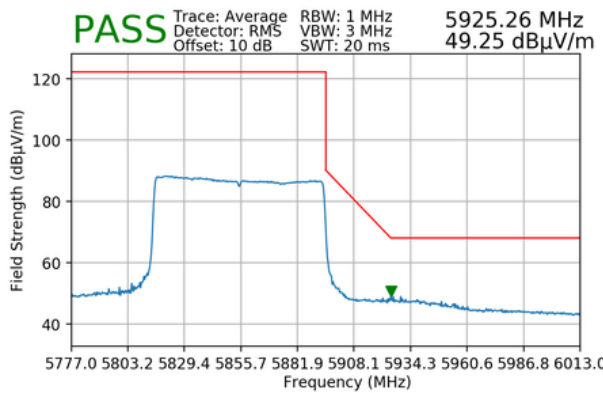


Plot 7-210. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 4 – 996 Tones)

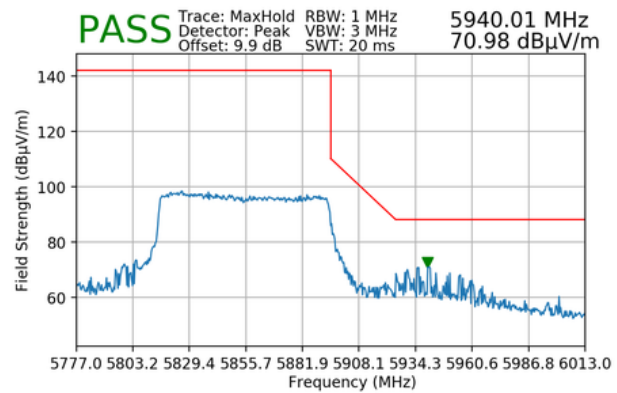


Plot 7-211. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 4 – 996 Tones)

Worst Case Mode: 802.11ax
Worst Case Transfer Rate: MCS0
RU Index: 67
Distance of Measurements: 3 Meters
Operating Frequency: 5855MHz
Channel: 171



Plot 7-212. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 4 – 996 Tones)

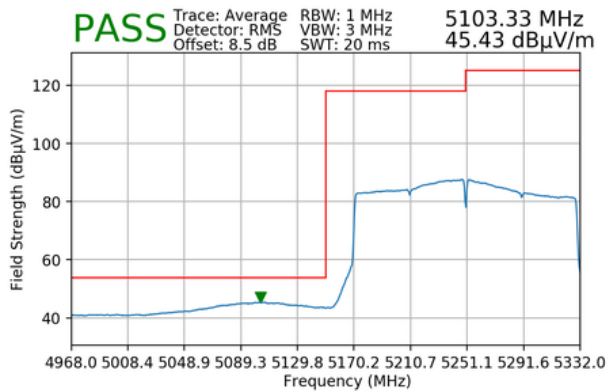


Plot 7-213. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 4 – 996 Tones)

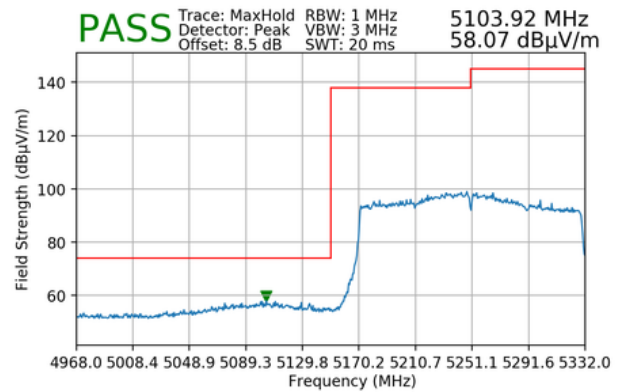
FCC ID: A3LSMF731B	MEASUREMENT REPORT		Approved by: Technical Manager
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7.6.7 MIMO Radiated Band Edge Measurements (160MHz BW – Full Tone – 2x996T)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	67
Distance of Measurements:	3 Meters
Operating Frequency:	5250MHz
Channel:	50

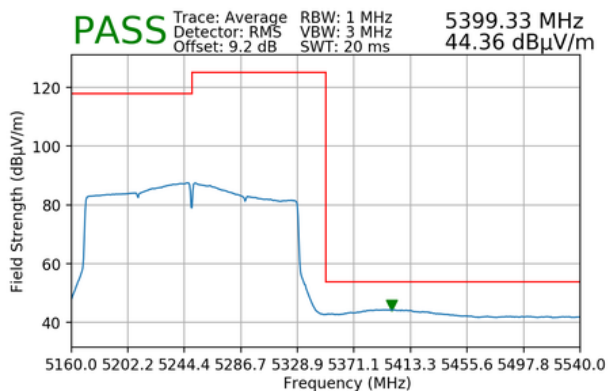


Plot 7-214. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 2x996 Tones)

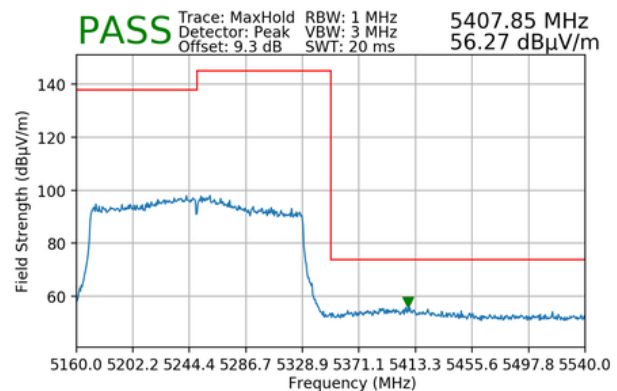


Plot 7-215. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 2x996 Tones)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	67
Distance of Measurements:	3 Meters
Operating Frequency:	5250MHz
Channel:	50



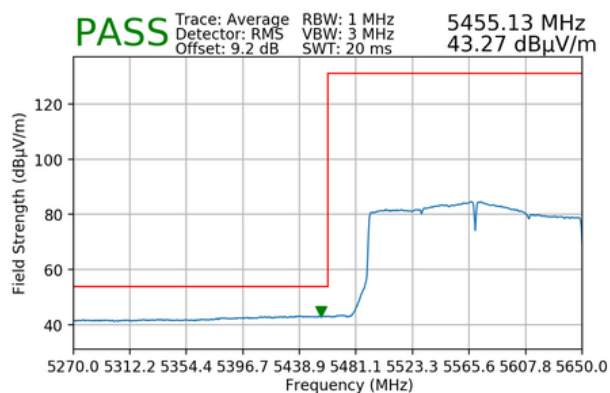
Plot 7-216. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 2x996 Tones)



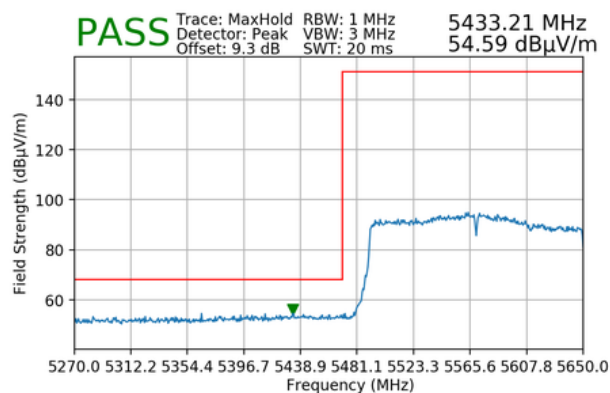
Plot 7-217. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 2x996 Tones)

FCC ID: A3LSMF731B	MEASUREMENT REPORT		Approved by: Technical Manager
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Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	67
Distance of Measurements:	3 Meters
Operating Frequency:	5570MHz
Channel:	114



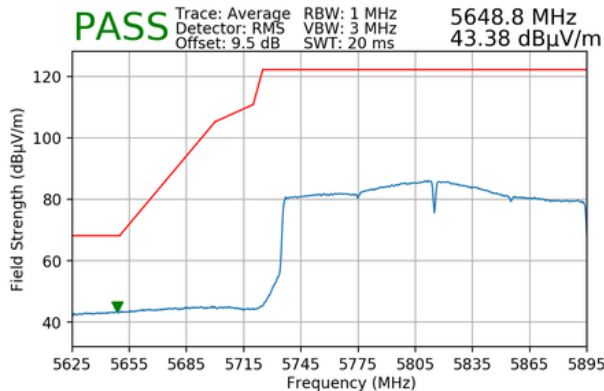
**Plot 7-218. Radiated Lower Band Edge Plot MIMO
(Average – UNII Band 2C – 2x996 Tones)**



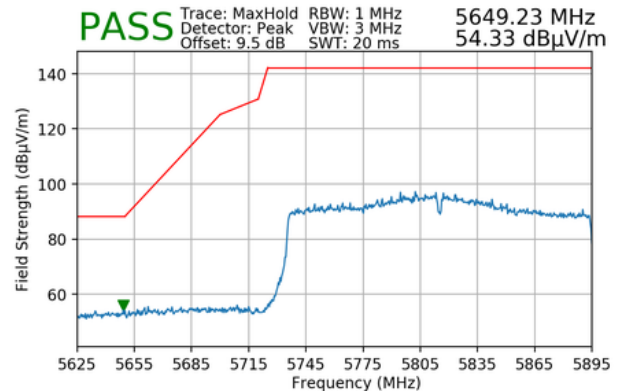
**Plot 7-219. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 2C – 2x996 Tones)**

FCC ID: A3LSMF731B	MEASUREMENT REPORT		Approved by: Technical Manager
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Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 67
 Distance of Measurements: 3 Meters
 Operating Frequency: 5815MHz
 Channel: 163

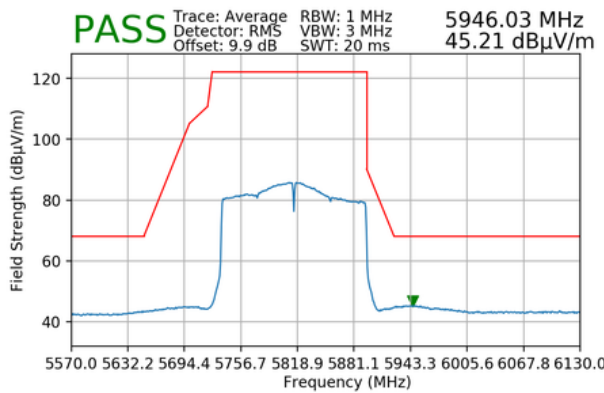


Plot 7-220. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 4 – 2x996 Tones)

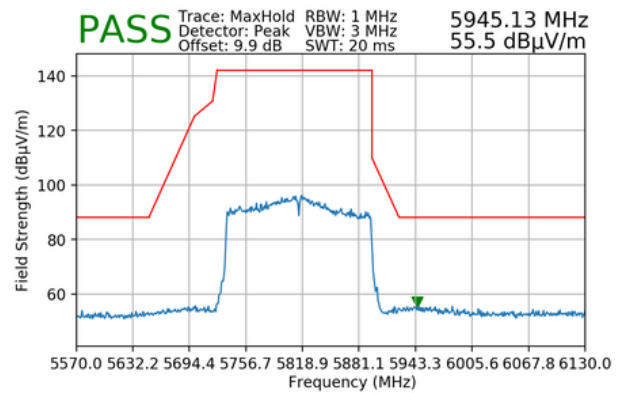


Plot 7-221. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 4 – 2x996 Tones)

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 67
 Distance of Measurements: 3 Meters
 Operating Frequency: 5815MHz
 Channel: 163



Plot 7-222. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 4 – 2x996 Tones)



Plot 7-223. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 4 – 2x996 Tones)

FCC ID: A3LSMF731B	MEASUREMENT REPORT		Approved by: Technical Manager
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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: A3LSMF731B** is in compliance with FCC Part Subpart E (15.407) of the FCC rules.

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