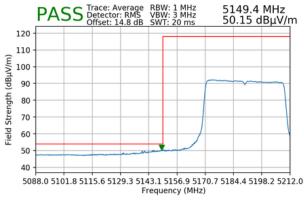


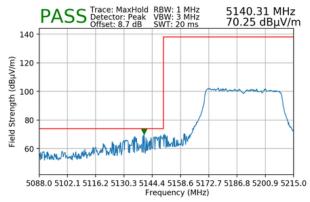
7.6.5 MIMO Radiated Band Edge Measurements (40MHz BW - Full Tone - 484T)

Worst Case Mode:
Worst Case Transfer Rate:
RU Index:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax
MCS0
65
3 Meters
5190MHz
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:

Worst Case Transfer Rate:

RU Index:

Distance of Measurements:

Operating Frequency:

Channel:

802.11ax

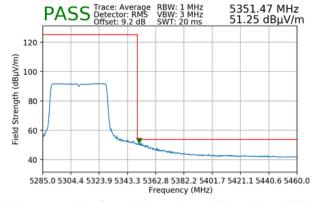
MCS0

65

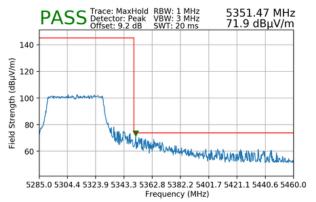
3 Meters

5310MHz

62



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



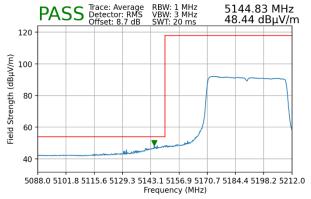
Plot 7-195. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 484 Tones)

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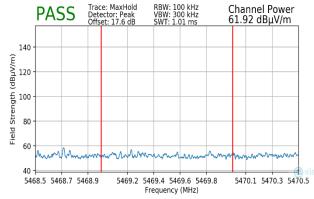


Worst Case Mode:
Worst Case Transfer Rate:
RU Index:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax
MCS0
65
3 Meters
5510MHz
102



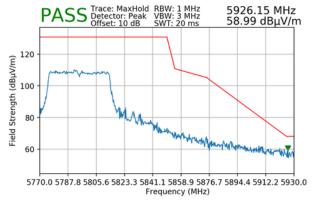
Plot 7-196. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C – 484 Tones)



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

Worst Case Mode:
Worst Case Transfer Rate:
RU Index:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax
MCS0
65
3 Meters
5795MHz
159

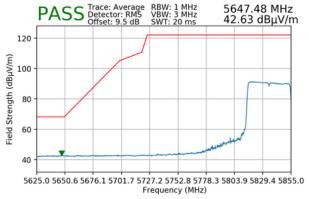


Plot 7-198. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3 – 484 Tones)

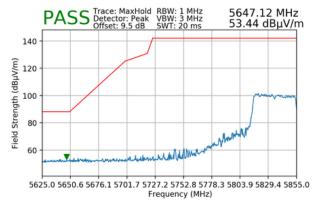
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Worst Case Mode: 802.11ax
Worst Case Transfer Rate: MCS0
RU Index: 65
Distance of Measurements: 3 Meters
Operating Frequency: 5835MHz
Channel: 167

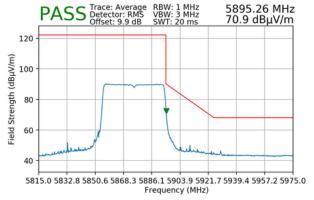


Plot 7-199. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 4 – 484 Tones)

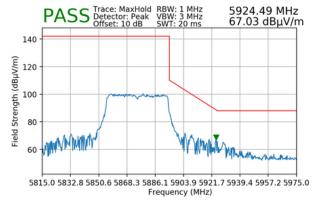


Plot 7-200. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 4 – 484 Tones)

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)

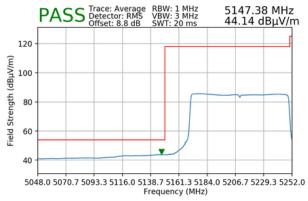
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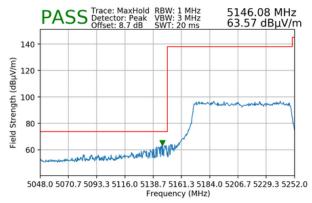
7.6.6 MIMO Radiated Band Edge Measurements (80MHz BW – Full Tone – 996T)

Worst Case Mode:
Worst Case Transfer Rate:
RU Index:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax
MCS0
67
3 Meters
5210MHz
42

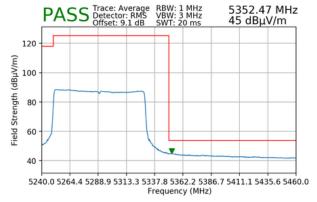


Plot 7-203. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 996 Tones)

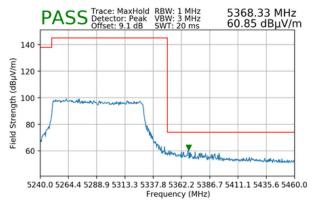


Plot 7-204. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 996 Tones)

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)



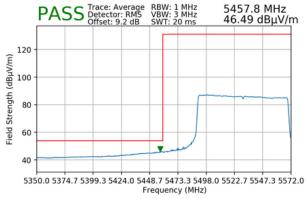
Plot 7-206. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 996 Tones)

FCC ID: A3LSMF731B	MEASUREMENT REPORT		Approved by: Technical Manager
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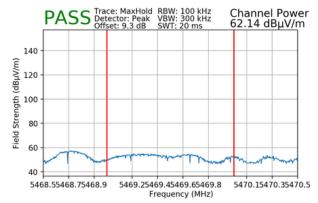


Worst Case Mode:
Worst Case Transfer Rate:
RU Index:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax
MCS0
67
3 Meters
5530MHz
106

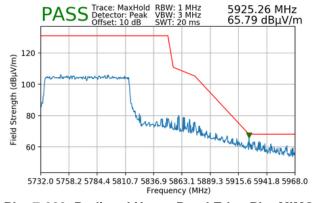


Plot 7-207. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C – 996 Tones)



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



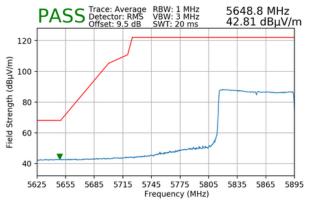
Plot 7-209. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3 – 996 Tones)

FCC ID: A3LSMF731B	MEASUREMENT REPORT		Approved by: Technical Manager
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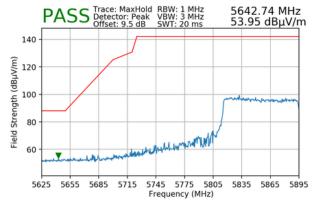


Worst Case Mode: 802.11ax MCS0 Worst Case Transfer Rate: RU Index: 67 Distance of Measurements: 3 Meters Operating Frequency: 5855MHz Channel:

171

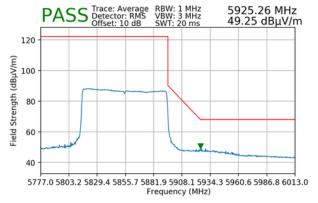


Plot 7-210. Radiated Lower Band Edge Plot MIMO (Average - UNII Band 4 - 996 Tones)

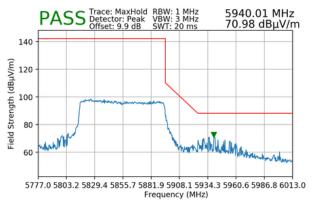


Plot 7-211. Radiated Lower Band Edge Plot MIMO (Peak - UNII Band 4 - 996 Tones)

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)

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7.6.7 MIMO Radiated Band Edge Measurements (160MHz BW - Full Tone - 2x996T)

Worst Case Mode:

Worst Case Transfer Rate:

RU Index:

Distance of Measurements:

Operating Frequency:

Channel:

802.11ax

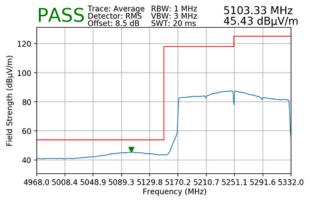
MCS0

67

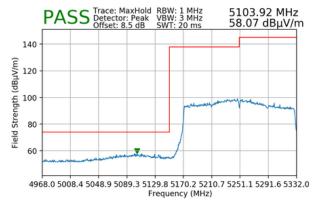
3 Meters

5250MHz

50

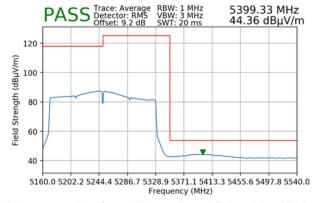


Plot 7-214. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 2x996 Tones)

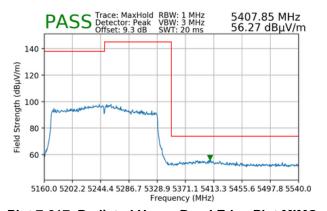


Plot 7-215. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 2x996 Tones)

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)

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Worst Case Mode:

Worst Case Transfer Rate:

RU Index:

Distance of Measurements:

Operating Frequency:

Channel:

802.11ax

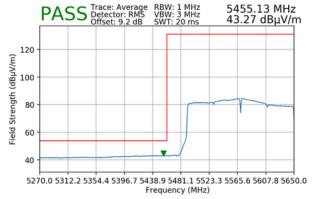
MCS0

67

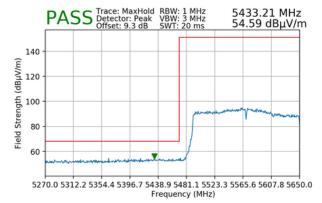
3 Meters

5570MHz

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)

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Operating Frequency:

Worst Case Mode: 802.11ax MCS0 Worst Case Transfer Rate: RU Index: Distance of Measurements:

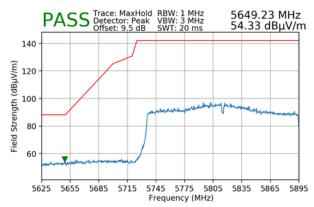
67 3 Meters 5815MHz

163

Channel:

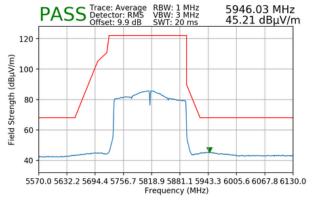
	PAS	S Trace: / Detecto Offset:	Average r: RMS 9.5 dB	RBW: 1 VBW: 3 SWT: 2	MHz MHz 0 ms		548.8 3.38 d	MHz ΒμV/m
120								
Field Strength (dBμV/m) 9 8 00								
ength (+			7	~	
Field Str			+					
40								
56	525 565	5 5685 5		745 57 requenc	75 58 y (MHz)		35 58	65 5895

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

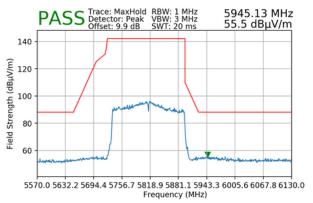


Plot 7-221. Radiated Lower Band Edge Plot MIMO (Peak - UNII Band 4 - 2x996 Tones)

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)

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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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