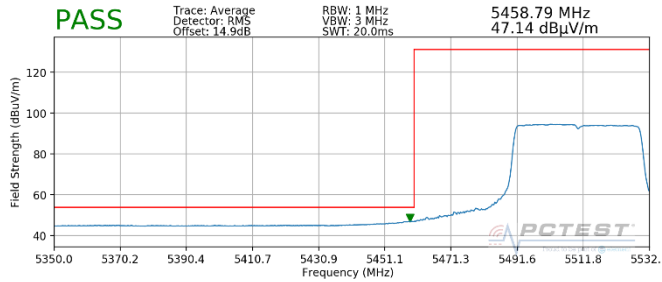
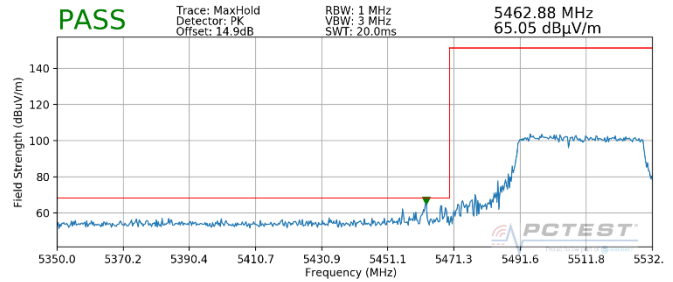


Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 65
 Distance of Measurements: 3 Meters
 Operating Frequency: 5510MHz
 Channel: 102

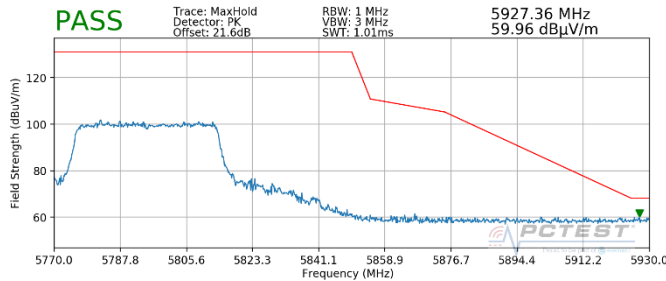


Plot 7-401. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C – 484 Tones)



Plot 7-402. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C – 484 Tones)

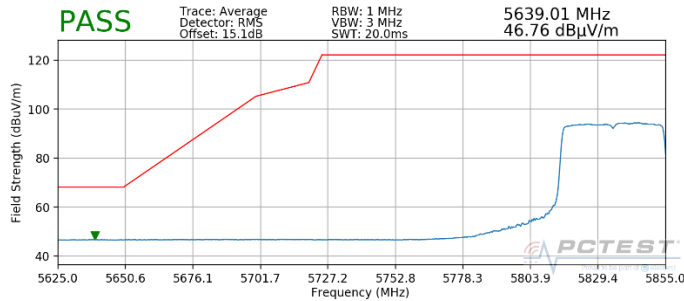
Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 65
 Distance of Measurements: 3 Meters
 Operating Frequency: 5795MHz
 Channel: 159



Plot 7-403. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3 – 484 Tones)

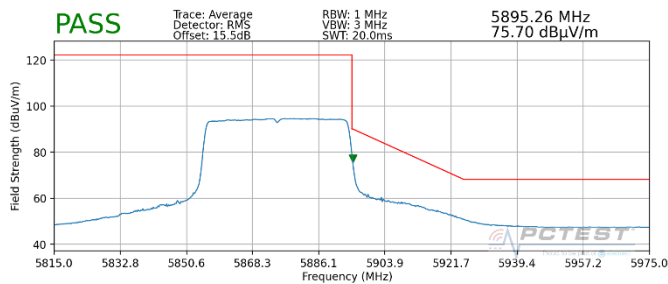
FCC ID: A3LSMS901E		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2109290114-10.A3L	Test Dates: 9/22/2021 - 11/9/2021	EUT Type: Portable Handset		Page 304 of 309

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



**Plot 7-404. Radiated Lower Band Edge Plot SISO
ANT1 (Average - 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



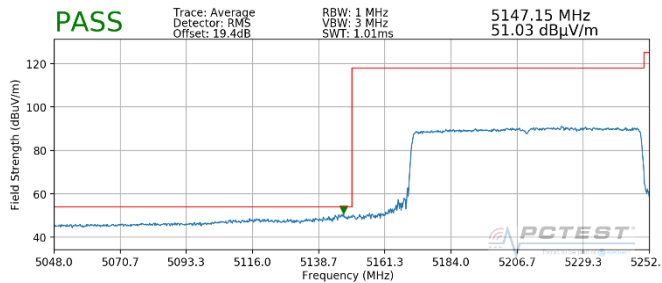
**Plot 7-405. Radiated Upper Band Edge Plot MIMO
(Average - UNII Band 4 - 484 Tones)**

FCC ID: A3LSMS901E		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2109290114-10.A3L	Test Dates: 9/22/2021 - 11/9/2021	EUT Type: Portable Handset		Page 305 of 309

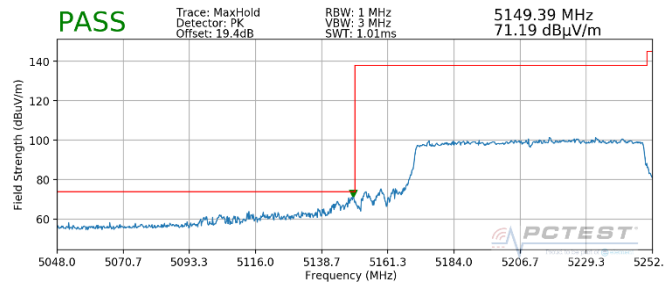
7.6.12 MIMO Radiated Band Edge Measurements (80MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

996 Tones

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

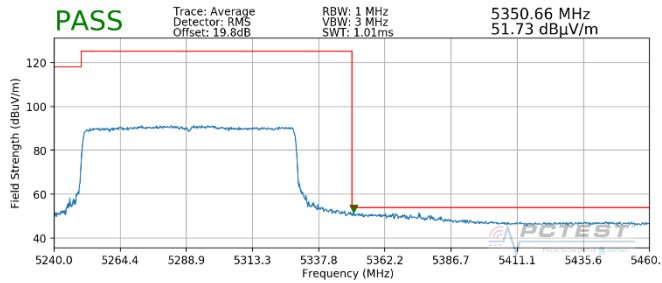


**Plot 7-406. Radiated Lower Band Edge Plot MIMO
(Average – UNII Band 1 – 996 Tones)**

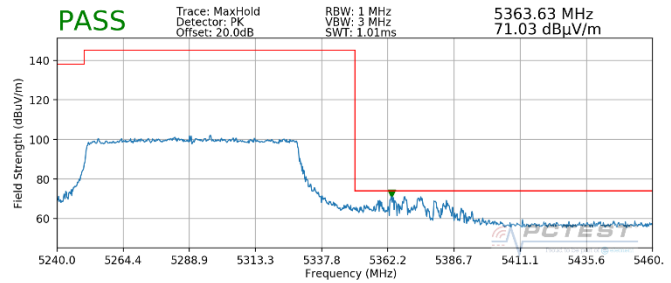


**Plot 7-407. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 1 – 996 Tones)**

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



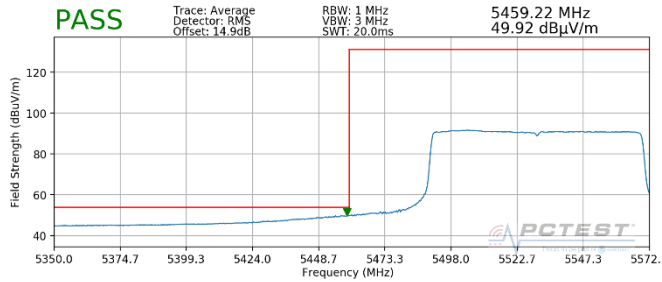
**Plot 7-408. Radiated Upper Band Edge Plot MIMO
(Average – UNII Band 2A – 996 Tones)**



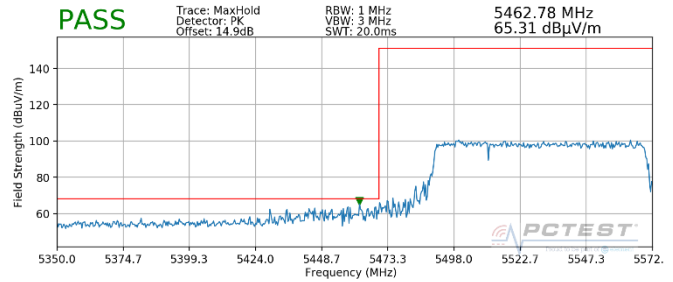
**Plot 7-409. Radiated Upper Band Edge Plot MIMO
(Peak – UNII Band 2A – 996 Tones)**

FCC ID: A3LSMS901E		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2109290114-10.A3L	Test Dates: 9/22/2021 - 11/9/2021	EUT Type: Portable Handset		Page 306 of 309

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 67
 Distance of Measurements: 3 Meters
 Operating Frequency: 5530MHz
 Channel: 106

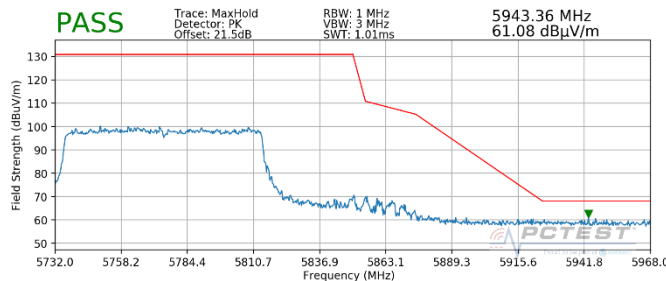


Plot 7-410. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C – 996 Tones)



Plot 7-411. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C – 996 Tones)

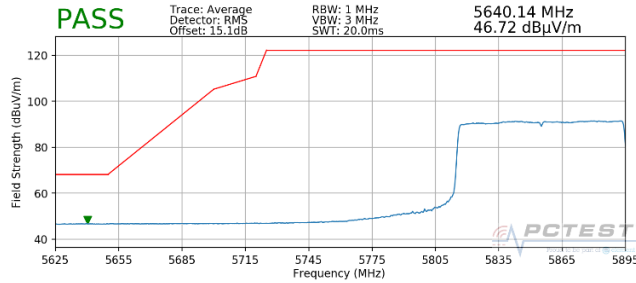
Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 67
 Distance of Measurements: 3 Meters
 Operating Frequency: 5775MHz
 Channel: 155



Plot 7-412. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3 – 996 Tones)

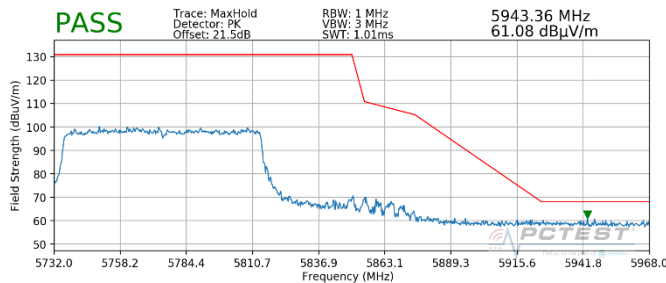
FCC ID: A3LSMS901E		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2109290114-10.A3L	Test Dates: 9/22/2021 - 11/9/2021	EUT Type: Portable Handset		Page 307 of 309

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




**Plot 7-413. Radiated Lower Band Edge Plot SISO
 ANT1 (Average – 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 7-414. Radiated Upper Band Edge Plot MIMO
 (Average – UNII Band 4 – 996 Tones)**

FCC ID: A3LSMS901E		MEASUREMENT REPORT (CERTIFICATION)	 Approved by: Technical Manager
Test Report S/N: 1M2109290114-10.A3L	Test Dates: 9/22/2021 - 11/9/2021	EUT Type: Portable Handset	Page 308 of 309

8.0 CONCLUSION

The data collected relate only the item(s) tested and show that the **Samsung Portable Handset FCC ID: A3LSMS901E** is in compliance with Part 15 Subpart E (15.407) of the FCC Rules.

FCC ID: A3LSMS901E		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2109290114-10.A3L	Test Dates: 9/22/2021 - 11/9/2021	EUT Type: Portable Handset	Page 309 of 309	