

Plot 7-732. Radiated Spurious Plot above 26.5GHz (5GHz - 2.4GHz) - Closed

FCC ID: A3LSMF711B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)  SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 440 of 500
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset	Page 442 of 508



# 7.6.7 SISO Antenna-1 Radiated Band Edge Measurements (20MHz BW) - N §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]; RSS-Gen [8.9]

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

802.11ax

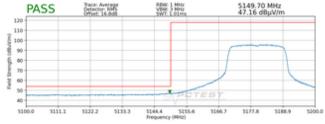
MCS0

Closed

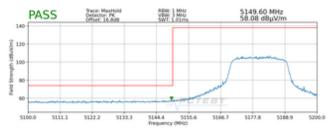
3 Meters

5180MHz

36



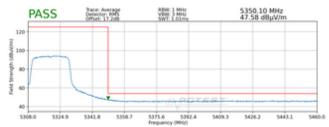
Plot 7-733. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 1)



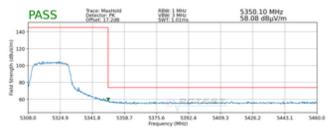
Plot 7-734. Radiated Lower Band Edge Plot SISO ANT1 (Peak – UNII Band 1)

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

802.11ax
MCS0
Closed
3 Meters
5320MHz
64



Plot 7-735. Radiated Upper Band Edge Plot SISO ANT1 (Average – UNII Band 2A)



Plot 7-736. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 2A)

FCC ID: A3LSMF711B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 443 of 508
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset	Page 443 01 506



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

802.11ax

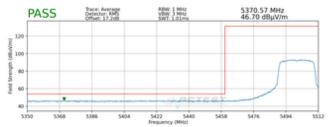
MCS0

Closed

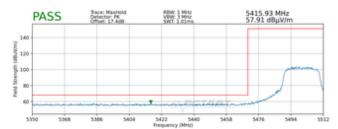
3 Meters

5500MHz

100



Plot 7-737. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 2C)



Plot 7-738. Radiated Lower Band Edge Plot SISO ANT1 (Peak – UNII Band 2C)

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

802.11ax

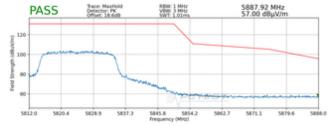
MCS0

Closed

3 Meters

5825MHz

165



Plot 7-739. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 3)

FCC ID: A3LSMF711B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Dogo 444 of 500
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset		Page 444 of 508
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# 7.6.8 SISO Antenna-1 Radiated Band Edge Measurements (40MHz BW) – N §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

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

802.11ax

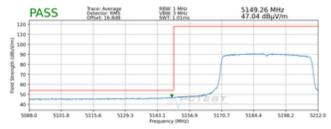
MCS0

Closed

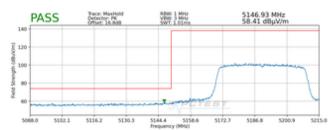
3 Meters

5190MHz

38



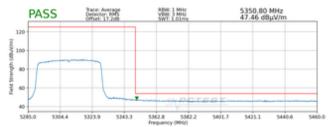
Plot 7-740. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 1)



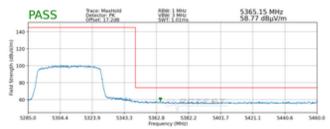
Plot 7-741. Radiated Lower Band Edge Plot SISO ANT1 (Peak – UNII Band 1)

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

802.11ax
MCS0
Closed
3 Meters
5310MHz
62



Plot 7-742. Radiated Upper Band Edge Plot SISO ANT1 (Average – UNII Band 2A)



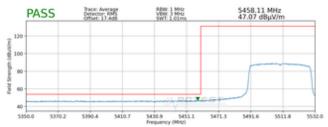
Plot 7-743. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 2A)

FCC ID: A3LSMF711B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Dog 445 of 500
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset		Page 445 of 508
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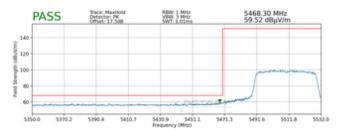


Worst Case Mode:
Worst Case Transfer Rate:
Worst Case Orientation:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax
MCS0
Closed
3 Meters
5510MHz
102



Plot 7-744. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 2C)



Plot 7-745. Radiated Lower Band Edge Plot SISO ANT1 (Peak – UNII Band 2C)

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

802.11ax

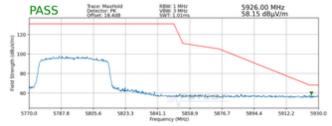
MCS0

Closed

3 Meters

5795MHz

159



Plot 7-746. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 3)

FCC ID: A3LSMF711B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 446 of 500
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset	Page 446 of 508



# 7.6.9 SISO Antenna-1 Radiated Band Edge Measurements (80MHz BW) – N §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

Worst Case Mode:

Worst Case Transfer Rate:

Worst Case Orientation:

Distance of Measurements:

Operating Frequency:

Channel:

802.11ax

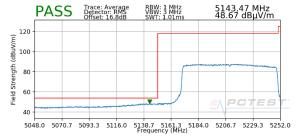
MCS0

Closed

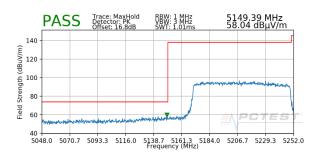
3 Meters

5210MHz

42



Plot 7-747. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 1)



Plot 7-748. Radiated Lower Band Edge Plot SISO ANT1 (Peak – UNII Band 1)

Worst Case Mode:

Worst Case Transfer Rate:

Worst Case Orientation:

Distance of Measurements:

Operating Frequency:

Channel:

802.11ax

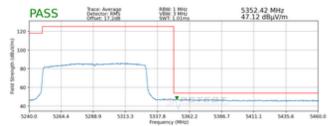
MCS0

Closed

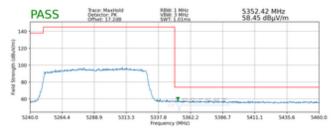
3 Meters

5290MHz

58



Plot 7-749. Radiated Upper Band Edge Plot SISO ANT1 (Average – UNII Band 2A)



Plot 7-750. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 2A)

FCC ID: A3LSMF711B	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Dogo 447 of 500
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset		Page 447 of 508

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

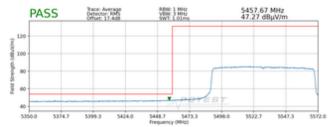
802.11ax

MCS0

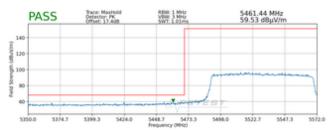
Closed
3 Meters

5530MHz

106



Plot 7-751. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 2C)



Plot 7-752. Radiated Lower Band Edge Plot SISO ANT1 (Peak – UNII Band 2C)

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

802.11ax

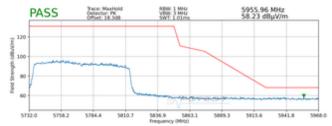
MCS0

Closed

3 Meters

5775MHz

155



Plot 7-753. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 3)

FCC ID: A3LSMF711B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 449 of E09
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset	Page 448 of 508



#### 7.6.10 SISO Antenna-1 Radiated Band Edge Measurements (20MHz BW) - Q §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]; RSS-Gen [8.9]

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

802.11ac

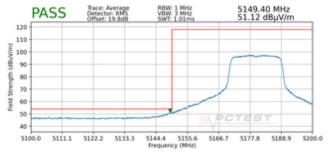
MCS0

Closed

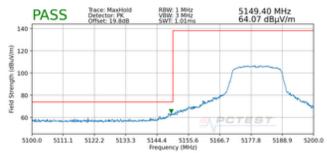
3 Meters

5180MHz

36



Plot 7-754. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 1)



Plot 7-755. Radiated Lower Band Edge Plot SISO ANT1 (Peak – UNII Band 1)

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

802.11ac

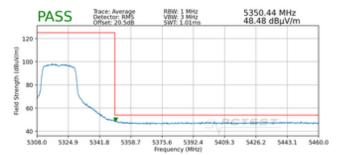
MCS0

Closed

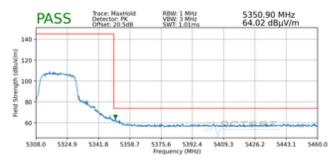
3 Meters

5320MHz

64



Plot 7-756. Radiated Upper Band Edge Plot SISO ANT1 (Average – UNII Band 2A)



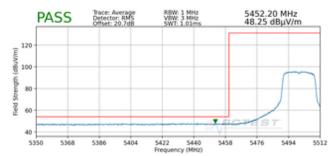
Plot 7-757. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 2A)

FCC ID: A3LSMF711B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 449 of 508
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset	Page 449 01 506

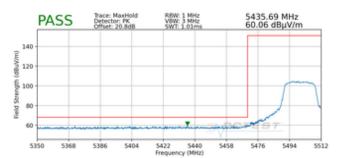


Worst Case Mode:
Worst Case Transfer Rate:
Worst Case Orientation:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ac
MCS0
Closed
3 Meters
5500MHz
100



Plot 7-758. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 2C)



Plot 7-759. Radiated Lower Band Edge Plot SISO ANT1 (Peak – UNII Band 2C)

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

802.11ac

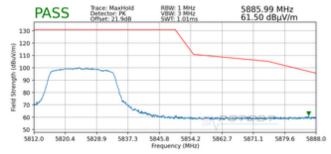
MCS0

Closed

3 Meters

5825MHz

165



Plot 7-760. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 3)

FCC ID: A3LSMF711B	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Dogg 450 of 500
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset		Page 450 of 508
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# 7.6.11 SISO Antenna-1 Radiated Band Edge Measurements (40MHz BW) – Q §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

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

802.11ac

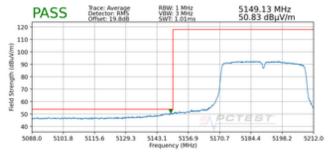
MCS0

Closed

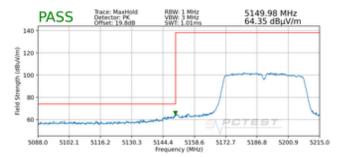
3 Meters

5190MHz

38



Plot 7-761. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 1)



Plot 7-762. Radiated Lower Band Edge Plot SISO ANT1 (Peak – UNII Band 1)

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

802.11ac

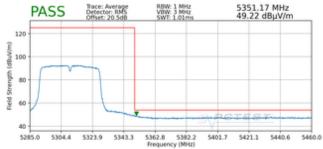
MCS0

Closed

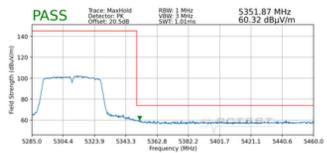
3 Meters

5310MHz

62



Plot 7-763. Radiated Upper Band Edge Plot SISO ANT1 (Average – UNII Band 2A)



Plot 7-764. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 2A)

FCC ID: A3LSMF711B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 451 of 500
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset	Page 451 of 508



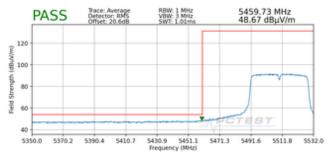
Worst Case Mode:
Worst Case Transfer Rate:
Worst Case Orientation:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ac

MCS0

Closed
3 Meters
5510MHz

102



Plot 7-765. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 2C)



Plot 7-766. Radiated Lower Band Edge Plot SISO ANT1 (Peak – UNII Band 2C)

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

802.11ac

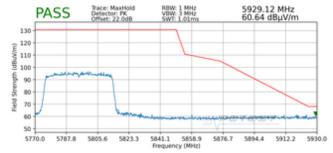
MCS0

Closed

3 Meters

5795MHz

159



Plot 7-767. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 3)

FCC ID: A3LSMF711B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 452 of 509
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset	Page 452 of 508



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

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

802.11ac

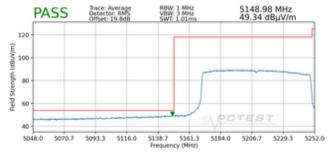
MCS0

Closed

3 Meters

5210MHz

42



Plot 7-768. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 1)



Plot 7-769. Radiated Lower Band Edge Plot SISO ANT1 (Peak – UNII Band 1)

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

802.11ac

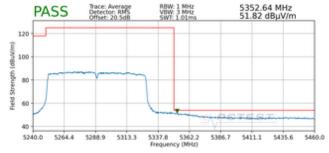
MCS0

Closed

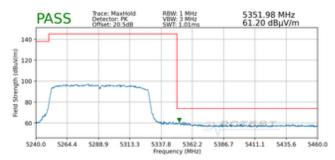
3 Meters

5290MHz

58



Plot 7-770. Radiated Upper Band Edge Plot SISO ANT1 (Average – UNII Band 2A)



Plot 7-771. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 2A)

FCC ID: A3LSMF711B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 452 of 500
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset	Page 453 of 508



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

802.11ac

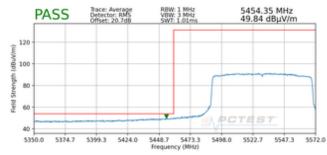
MCS0

Closed

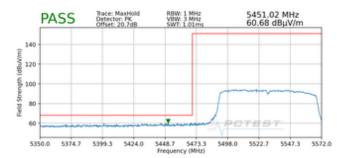
3 Meters

5530MHz

106



Plot 7-772. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 2C)



Plot 7-773. Radiated Lower Band Edge Plot SISO ANT1 (Peak – UNII Band 2C)

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

802.11ac

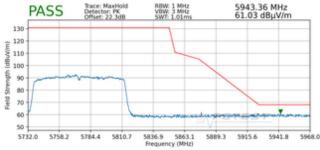
MCS0

Closed

3 Meters

5775MHz

155



Plot 7-774. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 3)

FCC ID: A3LSMF711B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 454 of 509
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset	Page 454 of 508



# 7.6.13 MIMO Radiated Band Edge Measurements (20MHz BW) - N §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

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

802.11ax

MCS0

Closed

3 Meters

5180MHz

36



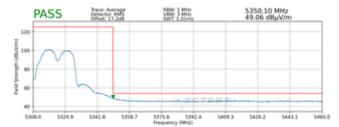
PASS Prace Massissid Rilling 1 MHz S145, 60 MHz Vertex S145, 60 MH

Plot 7-775. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1)

Plot 7-776. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1)

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

802.11ax
MCS0
Closed
3 Meters
5320MHz
64



PASS Place Manifold Rilling 1 MHz 5350, 86 MHz better to the control of the contr

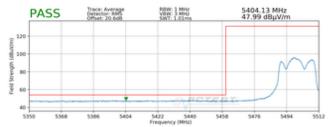
Plot 7-777. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A)

Plot 7-778. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A)

FCC ID: A3LSMF711B	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 455 of 500
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset	Page 455 of 508



Worst Case Mode: 802.11ax Worst Case Transfer Rate: MCS0 Worst Case Orientation: Closed Distance of Measurements: 3 Meters Operating Frequency: 5500MHz Channel: 100



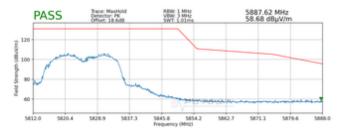
5454.81 MHz 58.68 dBµV/m RBW: 1 MHz YBW: 3 MHz SWT: 1.01mr

PASS

Plot 7-779. Radiated Lower Band Edge Plot MIMO (Average - UNII Band 2C)

Plot 7-780. Radiated Lower Band Edge Plot MIMO (Peak - UNII Band 2C)

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



Plot 7-781. Radiated Upper Band Edge Plot MIMO (Peak - UNII Band 3)

FCC ID: A3LSMF711B	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Dog 450 of 500
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset		Page 456 of 508
© 2021 PCTEST				V 9.0 02/01/2019



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

802.11ax

MCS0

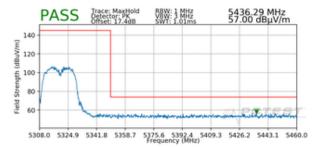
3 Meters

5320MHz

64



Plot 7-782. Radiated Upper Band Edge Plot MIMO with WCP (Average – UNII Band 2A)



Plot 7-783. Radiated Upper Band Edge Plot MIMO with WCP (Peak – UNII Band 2A)

FCC ID: A3LSMF711B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 457 of 509
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset	Page 457 of 508



# 7.6.14 MIMO Radiated Band Edge Measurements (40MHz BW) - N §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

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

802.11ax

MCS0

Closed

3 Meters

5190MHz

38



RBW: 1 MHz VBW: 3 MHz SWT: 1.01ms

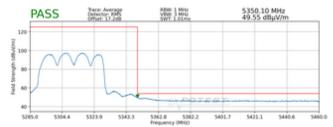
PASS

Plot 7-784. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1)

Plot 7-785. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1)

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

802.11ax
MCS0
Closed
3 Meters
5310MHz
62



PASS Place Maxistal Right: 1 MHz S358, 15 MHz Ordertor, IV. 1992 SWT. LOINS 61.09 dBµV/m

Plot 7-786. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A)

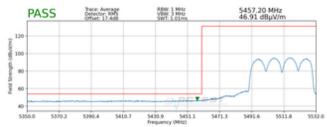
Plot 7-787. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A)

FCC ID: A3LSMF711B	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 459 of 509
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset	Page 458 of 508



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

802.11ax
MCS0
Closed
3 Meters
5510MHz
102



5350.0 5370.2 5390.4 5410.7 5430.9 5453.1 5471.3 5491.6 5531.8 5532.7 Frequency Office.

RBW: 1 MHz VBW: 3 MHz SWT: 1.01ms

PASS

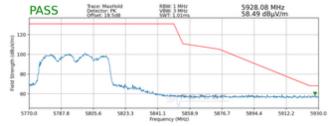
5469.03 MHz 61.67 dBμV/m

Plot 7-788. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C)

Plot 7-789. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C)

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

802.11ax
MCS0
Closed
3 Meters
5795MHz
159



Plot 7-790. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3)

FCC ID: A3LSMF711B	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogg 450 of 500
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset	Page 459 of 508
© 2021 PCTEST			V 9.0 02/01/2019



Worst Case Mode:

Worst Case Transfer Rate:

Distance of Measurements:
Operating Frequency:

Channel:

802.11ax

MCS0

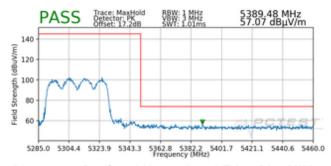
3 Meters

5310MHz

62



Plot 7-791. Radiated Upper Band Edge Plot MIMO with WCP (Average – UNII Band 2A)



Plot 7-792. Radiated Upper Band Edge Plot MIMO with WCP (Peak – UNII Band 2A)

FCC ID: A3LSMF711B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 460 of 500
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset	Page 460 of 508
© 2021 PCTEST			V 9.0 02/01/2019



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

Worst Case Mode:

Worst Case Transfer Rate:

Worst Case Orientation:

Distance of Measurements:

Operating Frequency:

Channel:

802.11ax

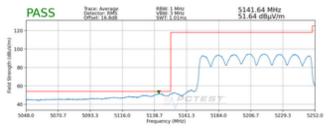
MCS0

Closed

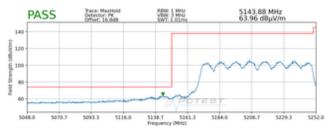
3 Meters

5210MHz

42



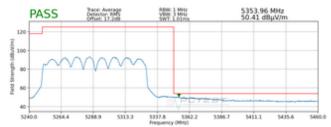
Plot 7-793. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1)



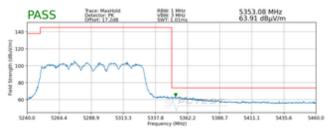
Plot 7-794. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1)

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

802.11ax
MCS0
Closed
3 Meters
5290MHz
58



Plot 7-795. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A)



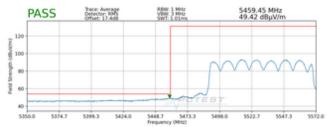
Plot 7-796. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A)

FCC ID: A3LSMF711B	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Dogo 404 of 500
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset		Page 461 of 508
© 2021 PCTEST				V 9.0 02/01/2019

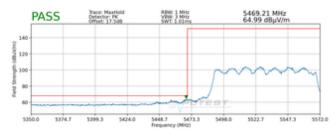


Worst Case Mode:
Worst Case Transfer Rate:
Worst Case Orientation:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax
MCS0
Closed
3 Meters
5530MHz
106



Plot 7-797. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C)



Plot 7-798. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C)

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

802.11ax

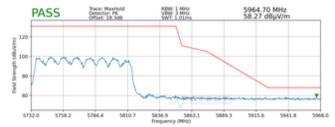
MCS0

Closed

3 Meters

5775MHz

155



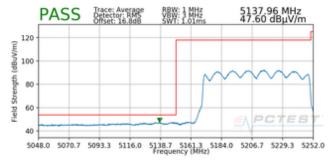
Plot 7-799. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3)

FCC ID: A3LSMF711B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 462 of 509
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset	Page 462 of 508

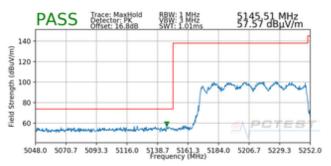


Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax
MCS0
3 Meters
5210MHz
42



Plot 7-800. Radiated Upper Band Edge Plot MIMO with WCP (Average – UNII Band 2C)



Plot 7-801. Radiated Upper Band Edge Plot MIMO with WCP (Peak – UNII Band 2C)

FCC ID: A3LSMF711B	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	IG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Dogg 462 of 500
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset		Page 463 of 508
© 2021 PCTEST			-	V 9.0 02/01/2019



# 7.6.16 MIMO Radiated Band Edge Measurements (20MHz BW) - Q §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

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

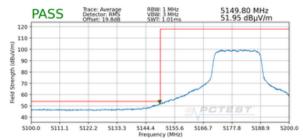
802.11ac

MCS0

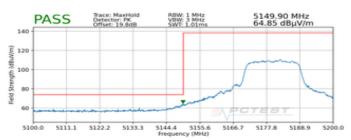
Closed
3 Meters

5180MHz

36



Plot 7-802. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1)



Plot 7-803. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1)

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

802.11ac

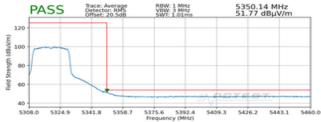
MCS0

Closed

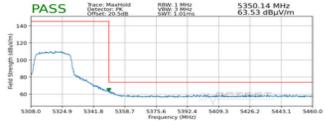
3 Meters

5320MHz

64



Plot 7-804. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A)



Plot 7-805. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A)

FCC ID: A3LSMF711B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Dog 464 of 500
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset		Page 464 of 508
© 2021 PCTEST				V 9.0 02/01/2019



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

802.11ac

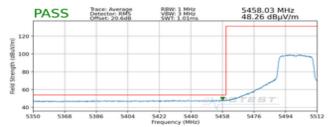
MCS0

Closed

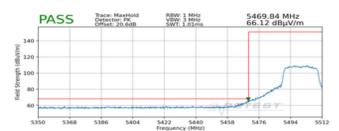
3 Meters

5500MHz

100



Plot 7-806. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C)



Plot 7-807. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C)

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

802.11ac

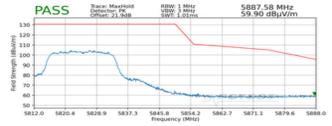
MCS0

Closed

3 Meters

5825MHz

165



Plot 7-808. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3)

FCC ID: A3LSMF711B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 465 of 508
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset	Page 405 01 506



Worst Case Mode:

Worst Case Transfer Rate:

Distance of Measurements:

Operating Frequency:

Channel:

802.11ax

MCS0

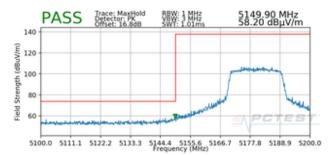
3 Meters

5180MHz

36



Plot 7-809. Radiated Lower Band Edge Plot MIMO with WCP (Average – UNII Band 1)



Plot 7-810. Radiated Lower Band Edge Plot MIMO with WCP (Peak – UNII Band 1)

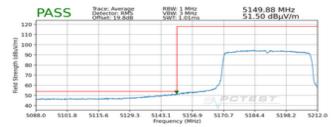
FCC ID: A3LSMF711B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 466 of 509
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset	Page 466 of 508



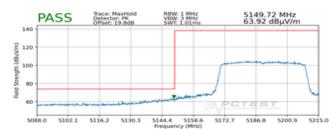
# 7.6.17 MIMO Radiated Band Edge Measurements (40MHz BW) – Q §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

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

802.11ac
MCS0
3 Meters
5190MHz
38



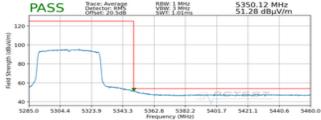
Plot 7-811. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1)



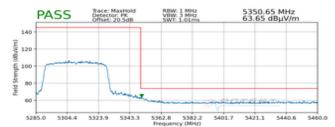
Plot 7-812. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1)

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

802.11ac
MCS0
Closed
3 Meters
5310MHz
62



Plot 7-813. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A)



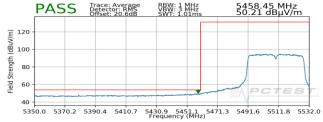
Plot 7-814. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A)

FCC ID: A3LSMF711B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 467 of 508
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset		Fage 467 01 506

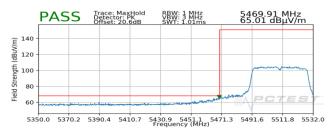


Worst Case Mode:
Worst Case Transfer Rate:
Worst Case Orientation:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ac
MCS0
Closed
3 Meters
5510MHz
102



Plot 7-815. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C)



Plot 7-816. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C)

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

802.11ac

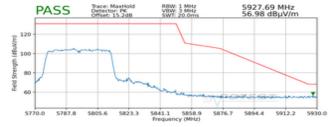
MCS0

Closed

3 Meters

5795MHz

159



Plot 7-817. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3)

FCC ID: A3LSMF711B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 469 of 509
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset	Page 468 of 508

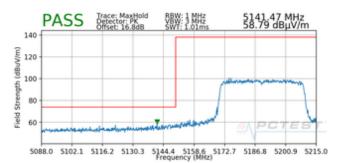


Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax
MCS0
3 Meters
5190MHz
38



Plot 7-818. Radiated Lower Band Edge Plot MIMO with WCP (Average – UNII Band 1)



Plot 7-819. Radiated Lower Band Edge Plot MIMO with WCP (Peak – UNII Band 1)

FCC ID: A3LSMF711B	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 460 of 500
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset		Page 469 of 508
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# 7.6.18 MIMO Radiated Band Edge Measurements (80MHz BW) - Q §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

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

802.11ac

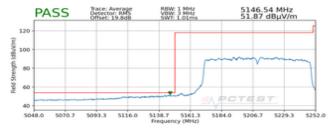
MCS0

Closed

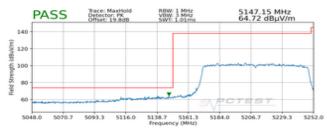
3 Meters

5210MHz

42



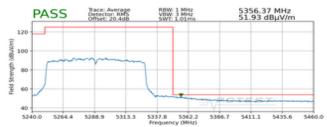
Plot 7-820. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1)



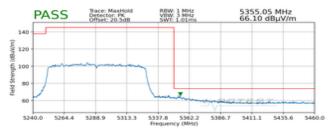
Plot 7-821. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1)

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

802.11ac
MCS0
Closed
3 Meters
5290MHz
58



Plot 7-822. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A)



Plot 7-823. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A)

FCC ID: A3LSMF711B	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 470 of 508
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset		Fage 470 01 506

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

802.11ac

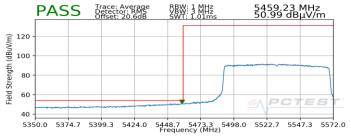
MCS0

Closed

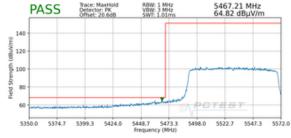
3 Meters

5530MHz

106



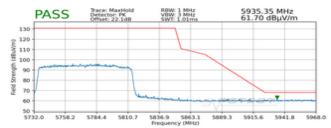
Plot 7-824. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C)



Plot 7-825. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C)

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

802.11ac
MCS0
Closed
3 Meters
5775MHz
155

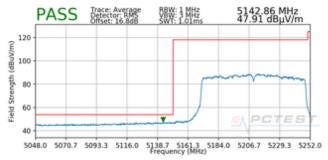


Plot 7-826. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3)

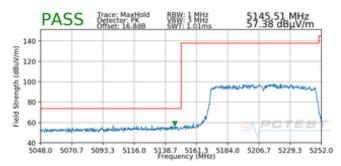
FCC ID: A3LSMF711B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Dogo 474 of 500
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset		Page 471 of 508
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Worst Case Mode: 802.11ac
Worst Case Transfer Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 5210MHz
Channel: 42



Plot 7-827. Radiated Lower Band Edge Plot MIMO with WCP (Average – UNII Band 1)



Plot 7-828. Radiated Lower Band Edge Plot MIMO with WCP (Peak – UNII Band 1)

FCC ID: A3LSMF711B	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	IG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Dogg 470 of 500
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset		Page 472 of 508
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#### 7.7 Radiated Spurious Emissions Measurements – Below 1GHz §15.209; RSS-Gen [8.9]

#### **Test Overview and Limit**

All out of band radiated spurious emissions are measured with a spectrum analyzer connected to a receive antenna 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 radiated spurious emissions. Only the radiated emissions of the configuration that produced the worst case emissions are reported in this section.

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR and Table 6 of RSS-Gen (8.10) must not exceed the limits shown in Table 7-102 per Section 15.209 and RSS-Gen (8.9).

Frequency	Field Strength [µV/m]	Measured Distance [Meters]
0.009 - 0.490 MHz	2400/F (kHz)	300
0.490 – 1.705 MHz	24000/F (kHz)	30
1.705 – 30.00 MHz	30	30
30.00 – 88.00 MHz	100	3
88.00 – 216.0 MHz	150	3
216.0 – 960.0 MHz	200	3
Above 960.0 MHz	500	3

Table 7-98. Radiated Limits

#### **Test Procedures Used**

ANSI C63.10-2013

#### **Test Settings**

#### **Quasi-Peak Field Strength Measurements**

- 1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
- 2. RBW = 120kHz (for emissions from 30MHz 1GHz)
- 3. Detector = quasi-peak
- 4. Sweep time = auto couple
- 5. Trace mode = max hold

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6. Trace was allowed to stabilize

FCC ID: A3LSMF711B	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 473 of 508
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset	Page 473 01 506



#### **Test Setup**

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

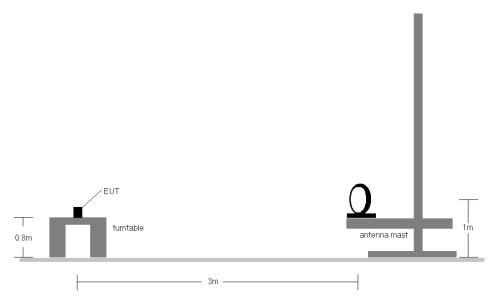


Figure 7-6. Radiated Test Setup < 30MHz

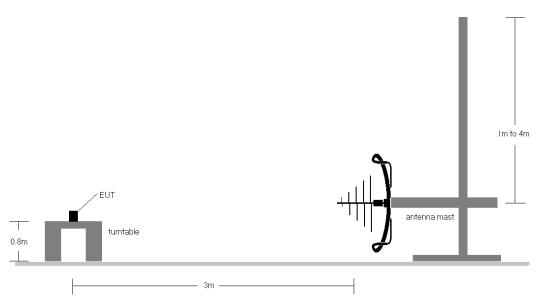


Figure 7-7. Radiated Test Setup < 1GHz

FCC ID: A3LSMF711B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 474 of 509
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset	Page 474 of 508

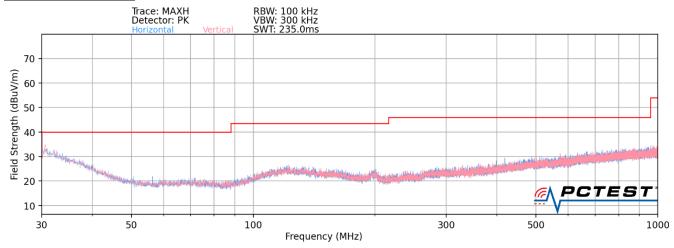


#### **Test Notes**

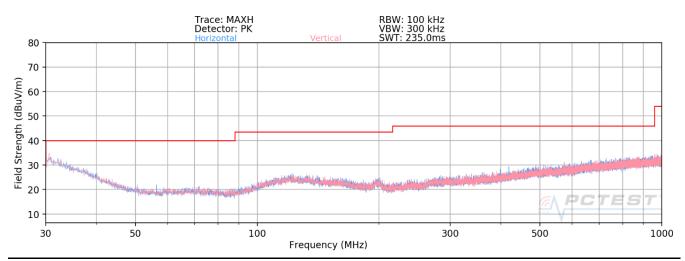
- 1. All emissions lying in restricted bands specified in §15.205 and RSS-Gen (8.10) are below the limit shown in Table 7-102.
- 2. The broadband receive antenna is manipulated through vertical and horizontal polarizations during the tests. The EUT is manipulated through three orthogonal planes.
- 3. This unit was tested with its standard battery.
- 4. The spectrum is investigated using a peak detector and final measurements are recorded using CISPR quasi peak detector. The worst-case emissions are reported however emissions whose levels were not within 20dB of the respective limits were not reported.
- 5. Emissions were measured at a 3 meter test distance.
- 6. Emissions are investigated while operating on the center channel of the mode, band, and modulation that produced the worst case results during the transmitter spurious emissions testing.
- 7. No spurious emissions were detected within 20dB of the limit below 30MHz.
- 8. The results recorded using the broadband antenna is known to correlate with the results obtained by using a tuned dipole with an acceptable degree of accuracy. The VSWR for the measurement antenna was found to be less than 2:1.
- The wide spectrum spurious emissions plots shown on the following pages are used only for the purpose
  of emission identification. There were no emissions detected in the 30MHz 1GHz frequency range, as
  shown in the subsequent plots.



# SISO Antenna-1 Radiated Spurious Emissions Measurements - N (Below 1GHz) §15.209; RSS-Gen [8.9]



Plot 7-829. Radiated Spurious Plot below 1GHz SISO Antenna-1 - OPEN (802.11a - U3 Ch. 157)

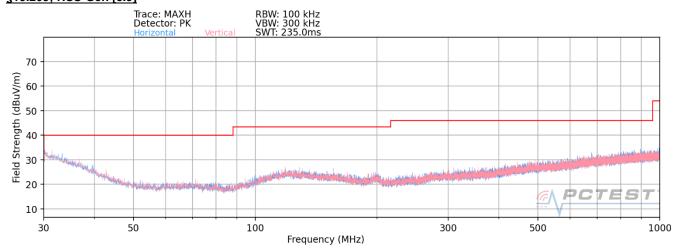


Plot 7-830. Radiated Spurious Plot below 1GHz SISO Antenna-1 - Closed (802.11a - U3 Ch. 157)

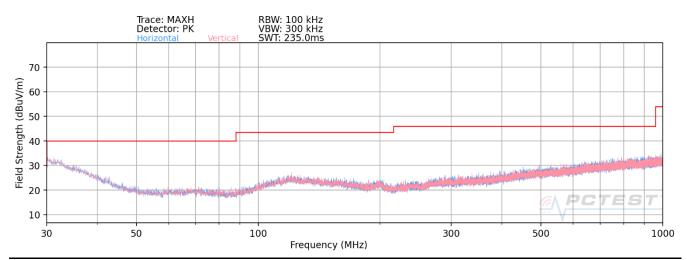
FCC ID: A3LSMF711B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 476 of 500
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset	Page 476 of 508



# CDD Radiated Spurious Emissions Measurements - N (Below 1GHz) §15.209; RSS-Gen [8.9]



Plot 7-831. Radiated Spurious Plot below 1GHz CDD - Open (802.11a - U3 Ch. 157)

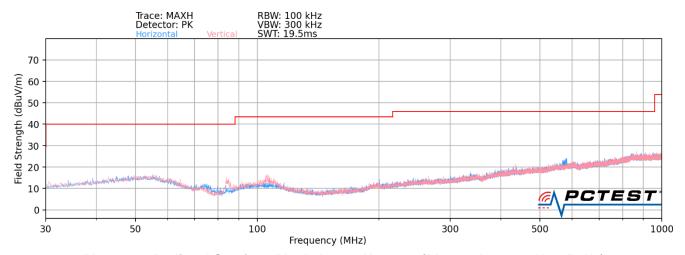


Plot 7-832. Radiated Spurious Plot below 1GHz CDD - Closed (802.11a - U3 Ch. 157)

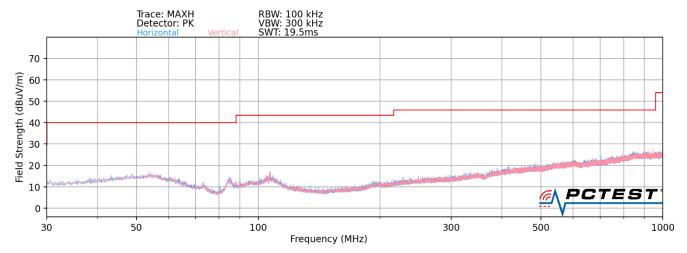
FCC ID: A3LSMF711B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 477 of 509
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset	Page 477 of 508



# Simultaneous Tx Radiated Spurious Emissions Measurements- N (Below 1GHz) §15.209; RSS-Gen [8.9]



Plot 7-833. Radiated Spurious Plot below 1GHz Open (Bluetooth – 2.4 GHz – 5GHz)

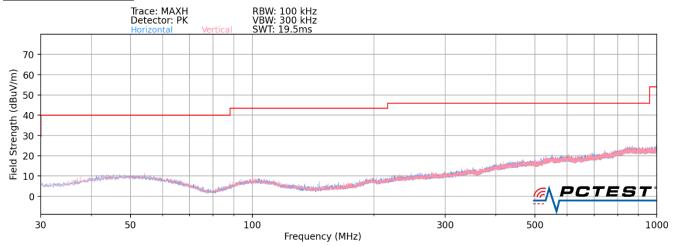


Plot 7-834. Radiated Spurious Plot below 1GHz Open (Dual Band Simult. Tx)

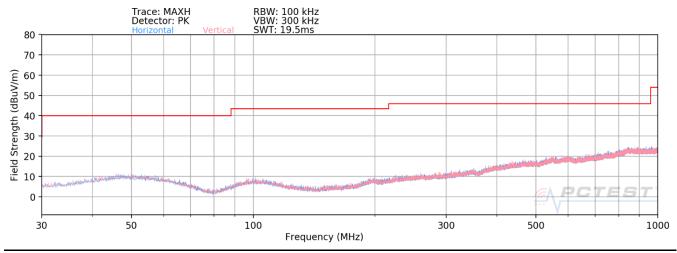
FCC ID: A3LSMF711B	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 479 of 500
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset	Page 478 of 508
© 2021 PCTEST			V 9.0 02/01/2019



# SISO Antenna-1 Radiated Spurious Emissions Measurements - Q (Below 1GHz) §15.209; RSS-Gen [8.9]



Plot 7-835. Radiated Spurious Plot below 1GHz SISO Ant1 - Open (802.11a - U3 Ch. 157)

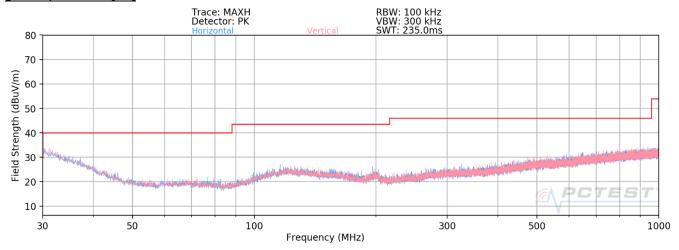


Plot 7-836. Radiated Spurious Plot below 1GHz SISO Ant1 - Closed (802.11a - U3 Ch. 157)

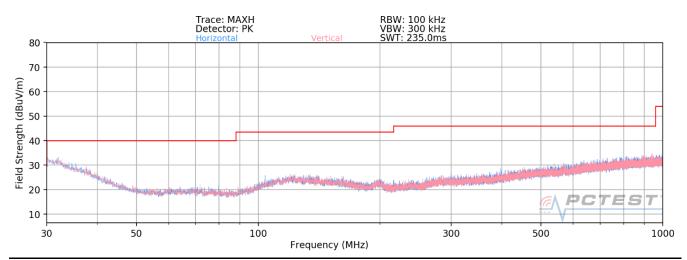
FCC ID: A3LSMF711B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Dogg 470 of 500
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset		Page 479 of 508
© 2021 PCTEST				V 9.0 02/01/2019



## CDD Radiated Spurious Emissions Measurements - Q (Below 1GHz) §15.209; RSS-Gen [8.9]



Plot 7-837. Radiated Spurious Plot below 1GHz CDD - Open (802.11a - U3 Ch. 157)

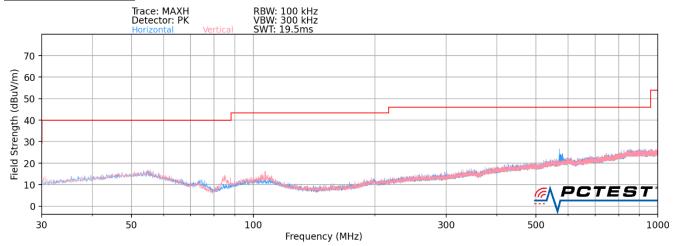


Plot 7-838. Radiated Spurious Plot below 1GHz CDD - Closed (802.11a - U3 Ch. 157)

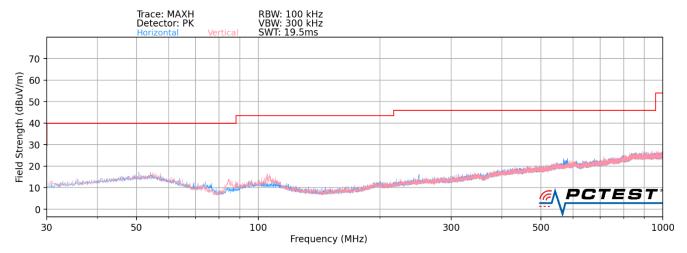
FCC ID: A3LSMF711B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 480 of 508
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset	Page 460 01 506



# Simultaneous Tx Radiated Spurious Emissions Measurements- Q (Below 1GHz) §15.209; RSS-Gen [8.9]



Plot 7-839. Radiated Spurious Plot below 1GHz Open (Bluetooth - 2.4 GHz - 5GHz)



Plot 7-840. Radiated Spurious Plot below 1GHz Open (Dual Band Simult. Tx)

FCC ID: A3LSMF711B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	AMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 404 of 500
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset		Page 481 of 508
© 2021 PCTEST				V 9.0 02/01/2019



# 7.8 Line-Conducted Test Data §15.407; RSS-Gen [8.8]

### **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 Section 15.207 and RSS-Gen (8.8).

Frequency of emission (MHz)	Conducted	Limit (dBμV)
(1411 12)	Quasi-peak	Average
0.15 – 0.5	66 to 56*	56 to 46*
0.5 – 5	56	46
5 – 30	60	50

Table 7-99. Conducted Limits

#### **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

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6. Trace was allowed to stabilize

FCC ID: A3LSMF711B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 482 of 508
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset	Page 402 01 500

<sup>\*</sup>Decreases with the logarithm of the frequency.



### **Test Setup**

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

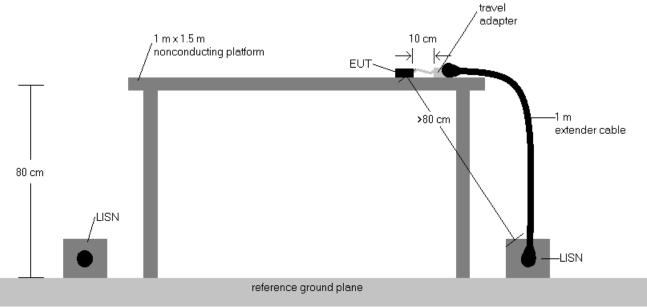


Figure 7-8. Test Instrument & Measurement Setup

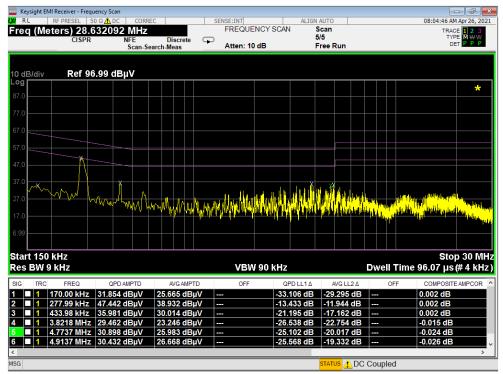
### **Test Notes**

- 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 are specified in 15.207 and RSS-Gen (8.8).
- 3. Corr. (dB) = Cable loss (dB) + LISN insertion factor (dB)
- 4. QP/AV Level (dB $\mu$ V) = QP/AV Analyzer/Receiver Level (dB $\mu$ V) + Corr. (dB)
- 5. Margin (dB) = QP/AV Limit (dB $\mu$ V) QP/AV Level (dB $\mu$ V)
- 6. Traces shown in plot are made using a peak detector.
- 7. Deviations to the Specifications: None.

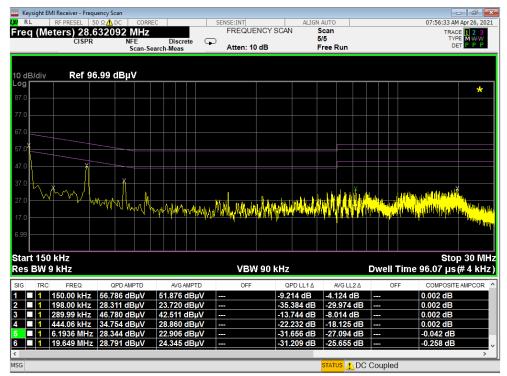
FCC ID: A3LSMF711B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Dags 402 of 500
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset		Page 483 of 508
© 2021 PCTEST				V 9.0 02/01/2019



### **Line-Conducted Test- N**



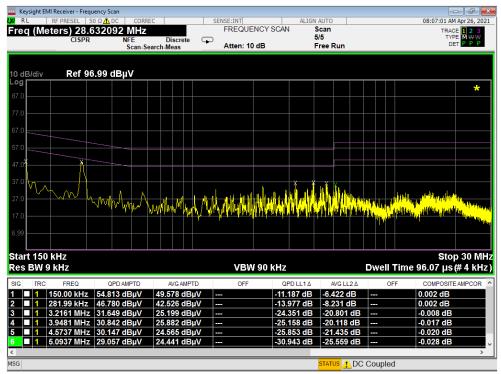
Plot 7-841. Line Conducted Plot with 802.11a UNII Band 1 (L1) - Open



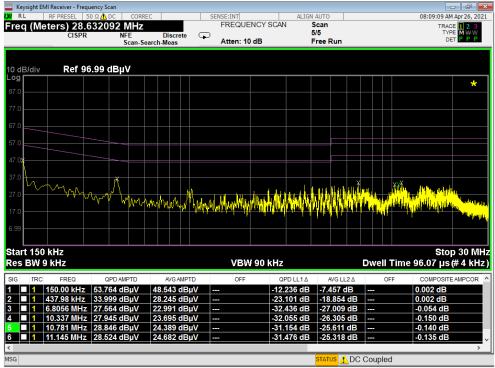
Plot 7-842. Line Conducted Plot with 802.11a UNII Band 1 (N) - Open

FCC ID: A3LSMF711B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 494 of 509
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset	Page 484 of 508





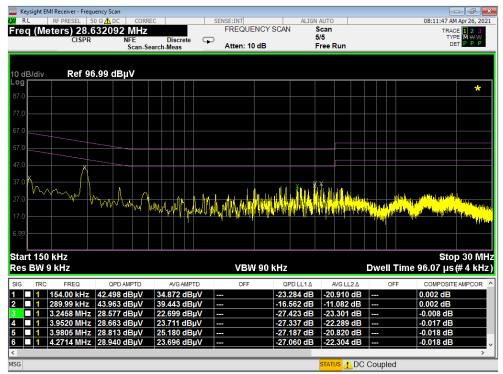
Plot 7-843. Line Conducted Plot with 802.11a UNII Band 2A (L1) - Open



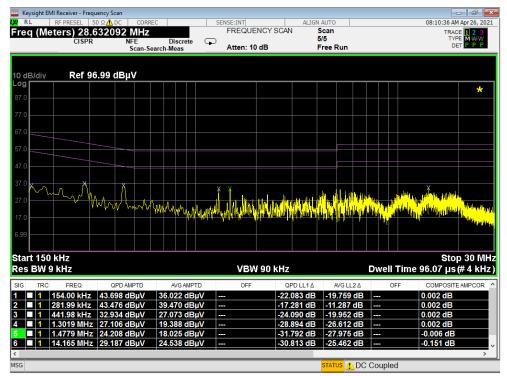
Plot 7-844. Line Conducted Plot with 802.11a UNII Band 2A (N) - Open

FCC ID: A3LSMF711B	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Dags 405 of 500
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset		Page 485 of 508
© 2021 PCTEST				V 9.0 02/01/2019





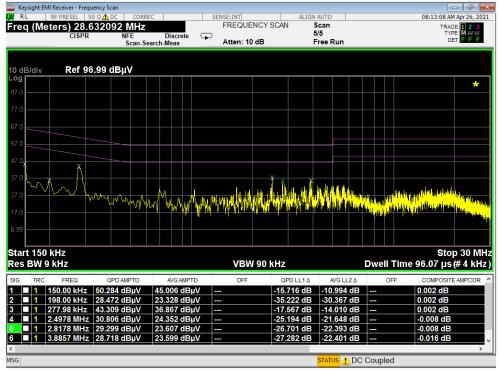
Plot 7-845. Line Conducted Plot with 802.11a UNII Band 2C (L1) - Open



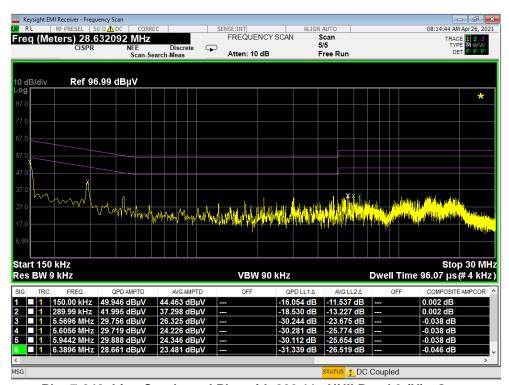
Plot 7-846. Line Conducted Plot with 802.11a UNII Band 2C (N) - Open

FCC ID: A3LSMF711B	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Dogg 400 of 500
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset		Page 486 of 508
© 2021 PCTEST				V 9.0 02/01/2019





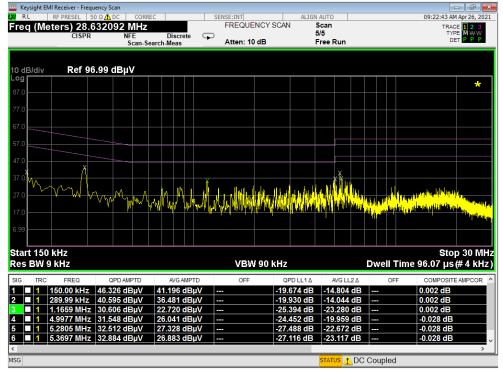
Plot 7-847. Line Conducted Plot with 802.11a UNII Band 3 (L1) - Open



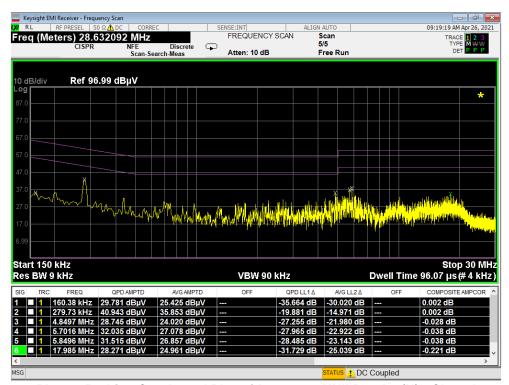
Plot 7-848. Line Conducted Plot with 802.11a UNII Band 3 (N) - Open

FCC ID: A3LSMF711B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 497 of 509
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset	Page 487 of 508





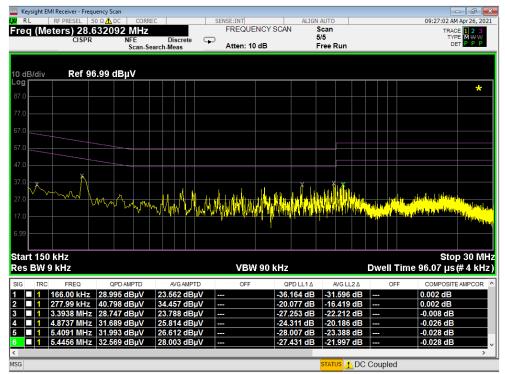
Plot 7-849. Line Conducted Plot with 802.11a UNII Band 1 (L1) - Closed



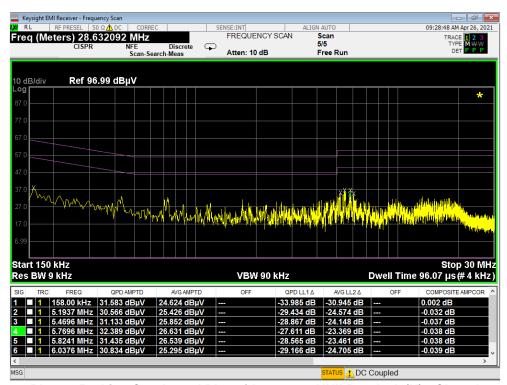
Plot 7-850. Line Conducted Plot with 802.11a UNII Band 1 (N) - Closed

FCC ID: A3LSMF711B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 499 of E09
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset	Page 488 of 508





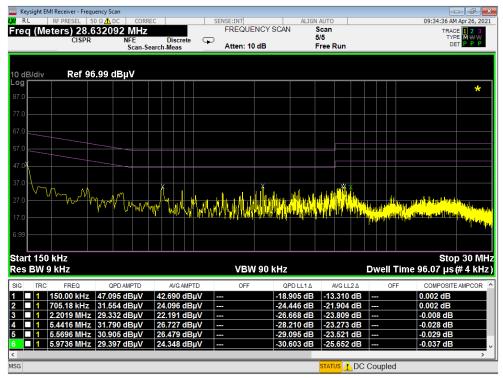
Plot 7-851. Line Conducted Plot with 802.11a UNII Band 2A (L1) - Closed



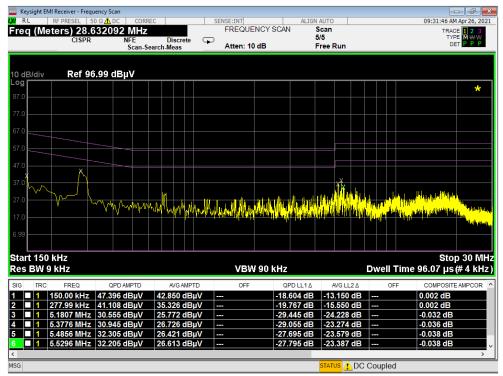
Plot 7-852. Line Conducted Plot with 802.11a UNII Band 2A (N) - Closed

FCC ID: A3LSMF711B	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Dogg 400 of 500
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset		Page 489 of 508
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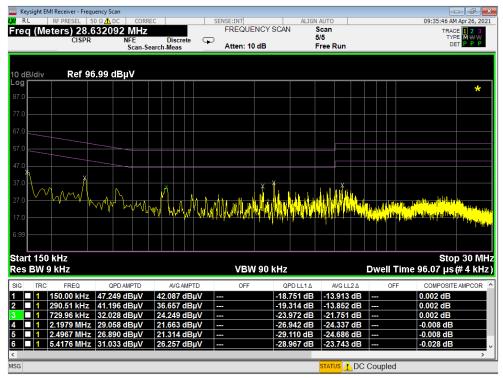
Plot 7-853. Line Conducted Plot with 802.11a UNII Band 2C (L1) - Closed



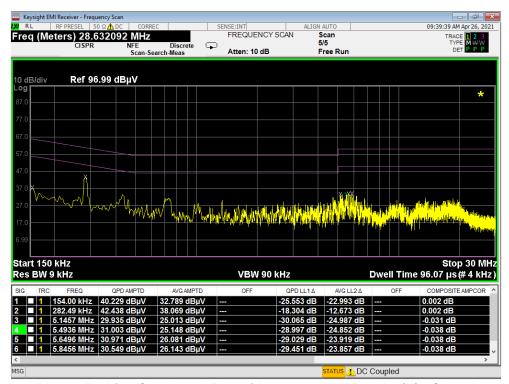
Plot 7-854. Line Conducted Plot with 802.11a UNII Band 2C (N) - Closed

FCC ID: A3LSMF711B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 400 of 509
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset	Page 490 of 508





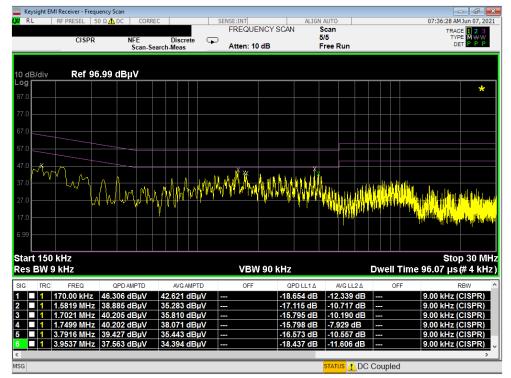
Plot 7-855. Line Conducted Plot with 802.11a UNII Band 3 (L1) - Closed



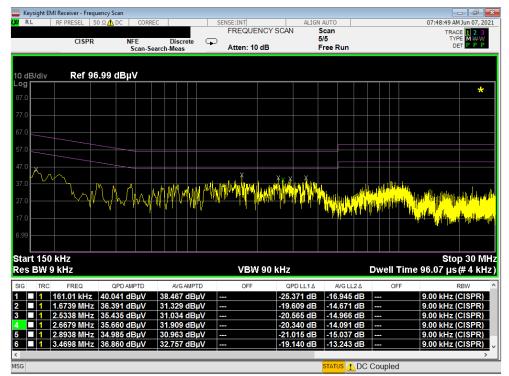
Plot 7-856. Line Conducted Plot with 802.11a UNII Band 3 (N) - Closed

FCC ID: A3LSMF711B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 404 of 500
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset	Page 491 of 508





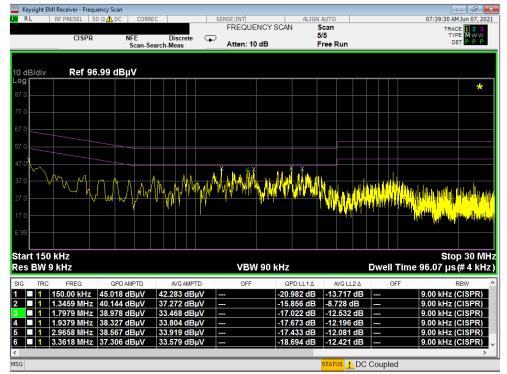
Plot 7-857. Line Conducted Plot with 802.11a UNII Band 1 (L1) with WCP



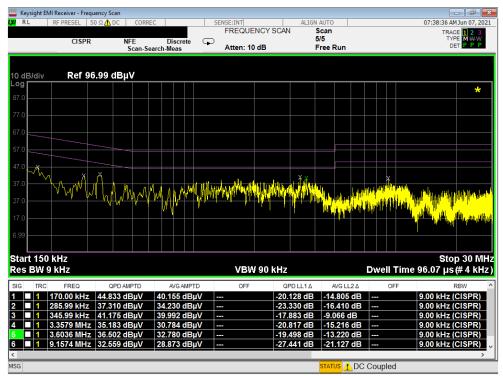
Plot 7-858. Line Conducted Plot with 802.11a UNII Band 1 (N) with WCP

FCC ID: A3LSMF711B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Dags 400 of 500
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset		Page 492 of 508
© 2021 PCTEST				V 9.0 02/01/2019





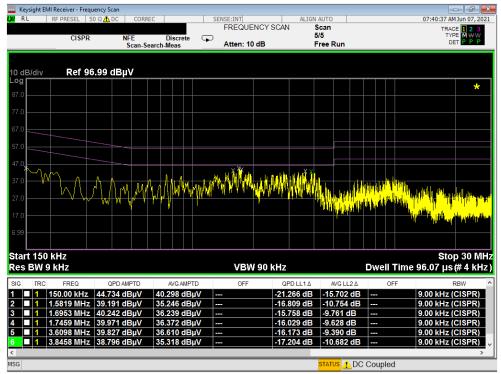
Plot 7-859. Line Conducted Plot with 802.11a UNII Band 2A (L1) with WCP



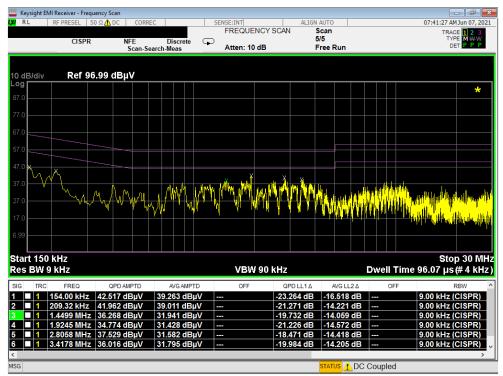
Plot 7-860. Line Conducted Plot with 802.11a UNII Band 2A (N) with WCP

FCC ID: A3LSMF711B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 402 of 509
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset	Page 493 of 508





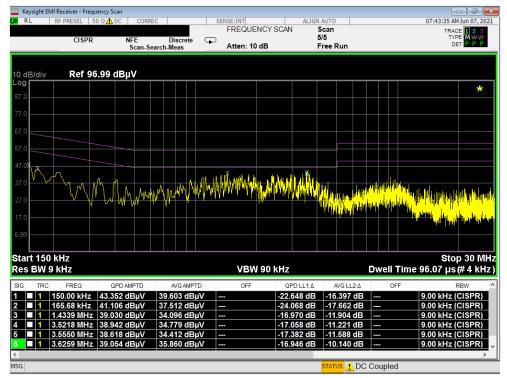
Plot 7-861. Line Conducted Plot with 802.11a UNII Band 2C (L1) with WCP



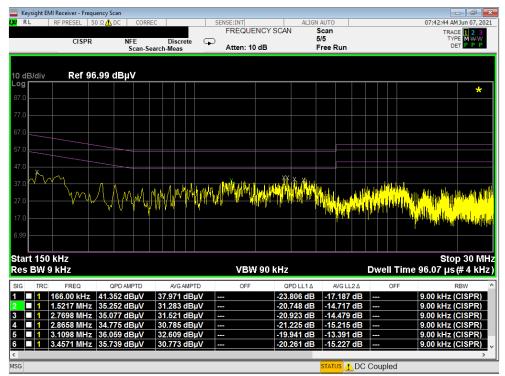
Plot 7-862. Line Conducted Plot with 802.11a UNII Band 2C (N) with WCP

FCC ID: A3LSMF711B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 404 of 509
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset	Page 494 of 508





Plot 7-863. Line Conducted Plot with 802.11a UNII Band 3 (L1) with WCP

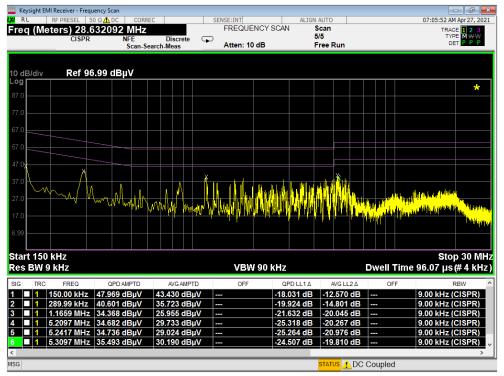


Plot 7-864. Line Conducted Plot with 802.11a UNII Band 3 (N) with WCP

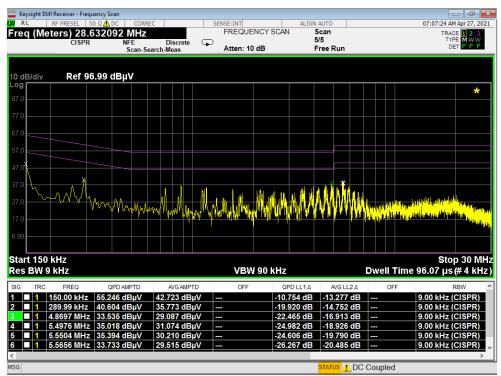
FCC ID: A3LSMF711B	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Dogg 405 of 500
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset		Page 495 of 508
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## **Line-Conducted Test - Q**



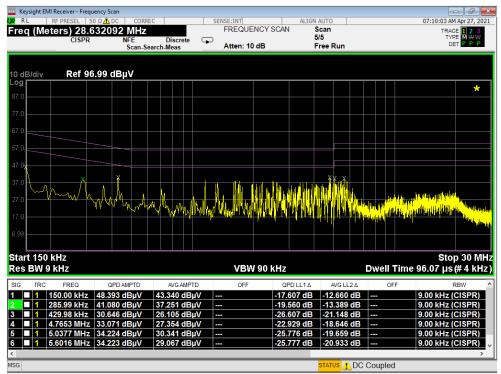
Plot 7-865. Line Conducted Plot with 802.11a UNII Band 1 (L1) - Open



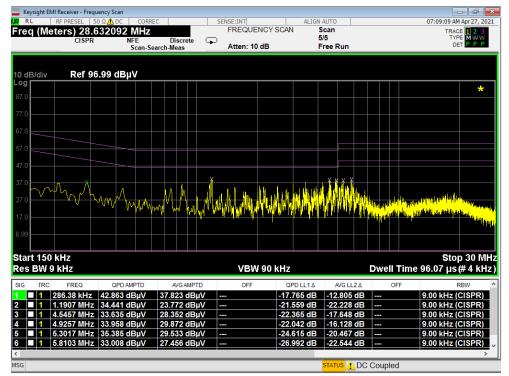
Plot 7-866. Line Conducted Plot with 802.11a UNII Band 1 (N) - Open

FCC ID: A3LSMF711B	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 496 of 508
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset	Page 490 01 500





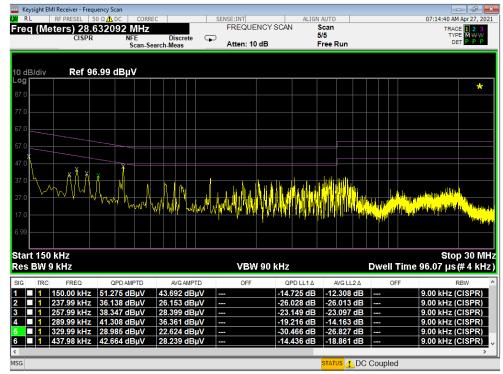
Plot 7-867. Line Conducted Plot with 802.11a UNII Band 2A (L1) - Open



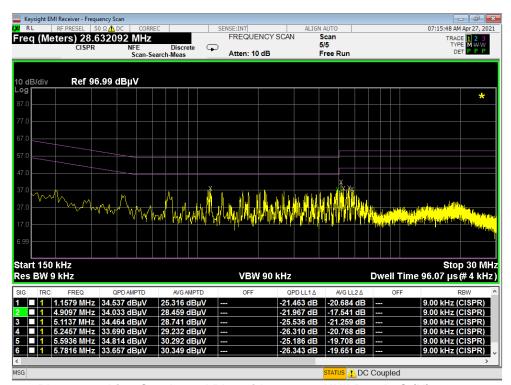
Plot 7-868. Line Conducted Plot with 802.11a UNII Band 2A (N) - Open

FCC ID: A3LSMF711B	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 407 of 500
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset	Page 497 of 508
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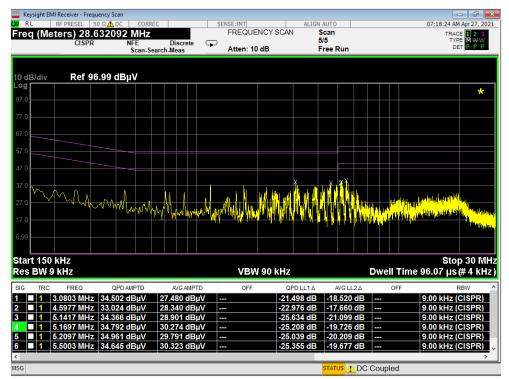
Plot 7-869. Line Conducted Plot with 802.11a UNII Band 2C (L1) - Open



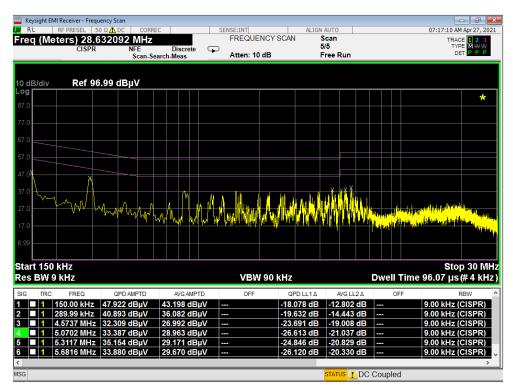
Plot 7-870. Line Conducted Plot with 802.11a UNII Band 2C (N) - Open

FCC ID: A3LSMF711B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Dogg 400 of 500
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset		Page 498 of 508
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Plot 7-871. Line Conducted Plot with 802.11a UNII Band 3 (L1) - Open



Plot 7-872. Line Conducted Plot with 802.11a UNII Band 3 (N) - Open

FCC ID: A3LSMF711B	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 499 of 508
1M2104130035-12.A3L	04/12/2021 - 06/04/2021	Portable Handset	Page 499 01 506