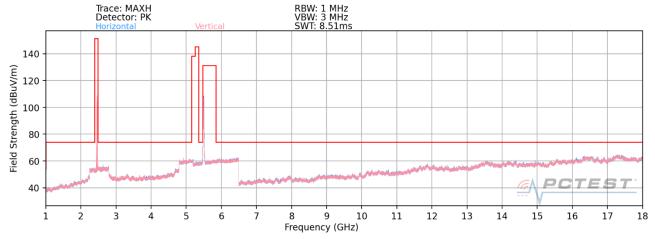
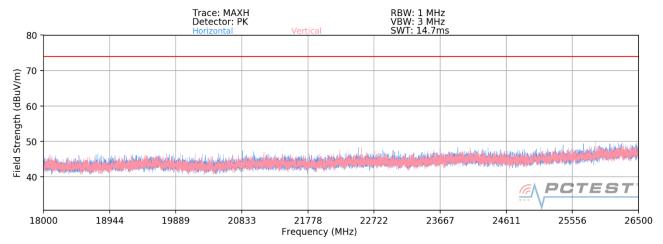


Description	2.4 GHz Emission	5 GHz Emission
Antenna	1, 2	1, 2
Channel	11	100
Operating Frequency (MHz)	2462	5500
Data Rate (Mbps)	1	6
Mode	802.11b	802.11a

Table 7-50. Dual Band Simultaneous Transmission



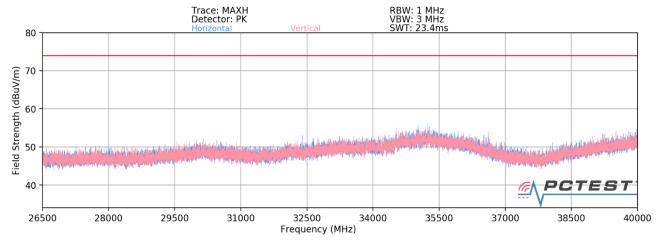
Plot 7-360. Radiated Spurious Plot above 1GHz (5GHz - 2.4GHz) - Open



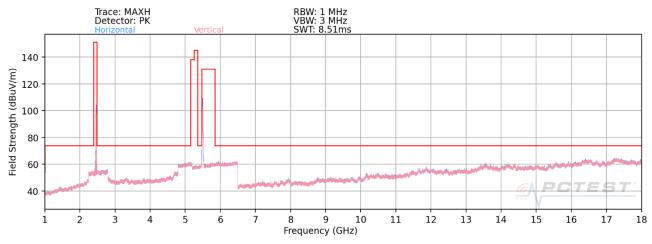
Plot 7-361. Radiated Spurious Plot 18GHz - 26.5GHz (5GHz - 2.4GHz) - Open

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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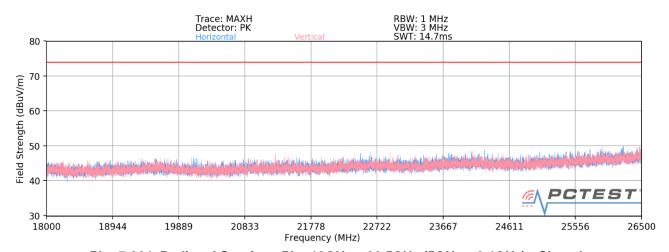




Plot 7-362. Radiated Spurious Plot above 26.5GHz (5GHz - 2.4GHz) - Open



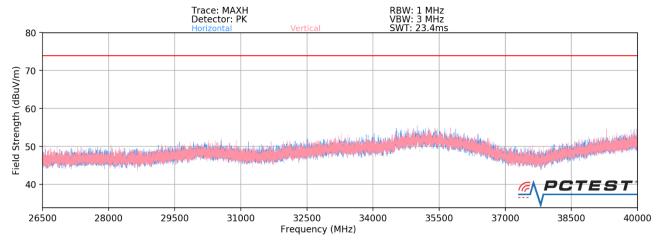
Plot 7-363. Radiated Spurious Plot above 1GHz (5GHz - 2.4GHz) - Closed



Plot 7-364. Radiated Spurious Plot 18GHz - 26.5GHz (5GHz - 2.4GHz) - Closed

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-365. Radiated Spurious Plot above 26.5GHz (5GHz - 2.4GHz) - Closed

FCC ID: A3LSMF711U1	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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O COOL BOTEOT			11000001010010



7.6.4 SISO Antenna-1 Radiated Band Edge Measurements (20MHz BW) §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 7-366. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 1)



Plot 7-367. 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

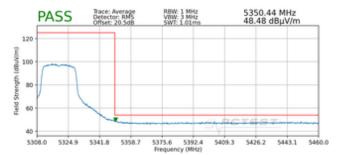
MCS0

Closed

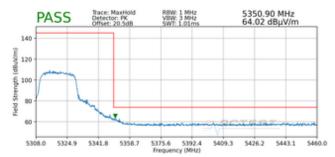
3 Meters

5320MHz

64



Plot 7-368. Radiated Upper Band Edge Plot SISO ANT1 (Average – UNII Band 2A)



Plot 7-369. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 2A)

FCC ID: A3LSMF711U1	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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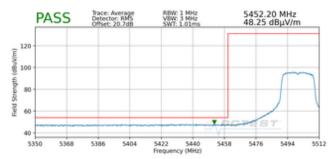


Worst Case Mode:
Worst Case Transfer Rate:
Worst Case Orientation:
Distance of Measurements:
Operating Frequency:
Channel:

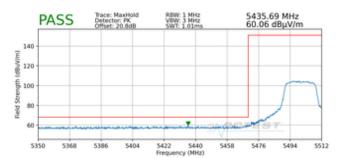
802.11ac

MCS0

Closed
3 Meters
5500MHz
100



Plot 7-370. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 2C)



Plot 7-371. 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

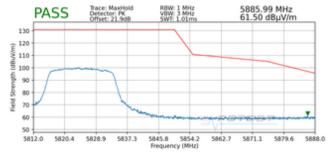
MCS0

Closed

3 Meters

5825MHz

165



Plot 7-372. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 3)

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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7.6.5 SISO Antenna-1 Radiated Band Edge Measurements (40MHz BW) §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:

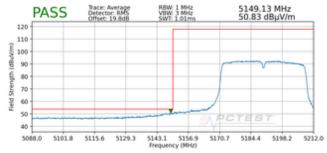
802.11ac

MCS0

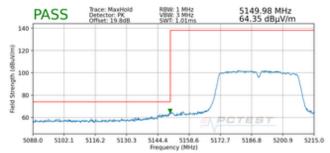
Closed
3 Meters

5190MHz

38



Plot 7-373. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 1)



Plot 7-374. 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

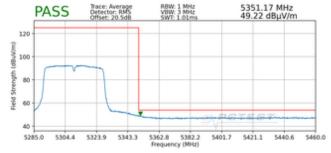
MCS0

Closed

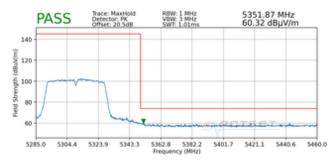
3 Meters

5310MHz

62



Plot 7-375. Radiated Upper Band Edge Plot SISO ANT1 (Average – UNII Band 2A)



Plot 7-376. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 2A)

FCC ID: A3LSMF711U1	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Worst Case Mode:
Worst Case Transfer Rate:
Worst Case Orientation:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ac

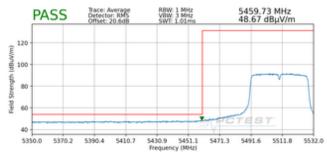
MCS0

Closed

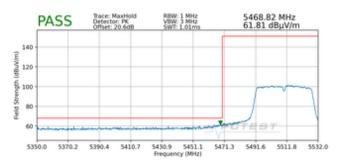
3 Meters

5510MHz

102



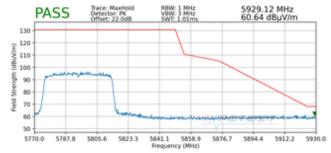
Plot 7-377. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 2C)



Plot 7-378. 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 7-379. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 3)

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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7.6.6 SISO Antenna-1 Radiated Band Edge Measurements (80MHz BW) §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:

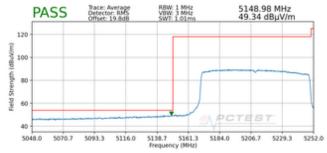
802.11ac

MCS0

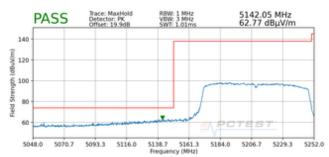
Closed
3 Meters

5210MHz

42



Plot 7-380. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 1)



Plot 7-381. 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

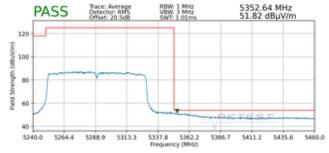
MCS0

Closed

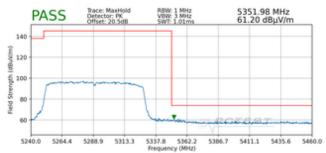
3 Meters

5290MHz

58



Plot 7-382. Radiated Upper Band Edge Plot SISO ANT1 (Average – UNII Band 2A)



Plot 7-383. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 2A)

FCC ID: A3LSMF711U1	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
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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 7-384. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 2C)



Plot 7-385. 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

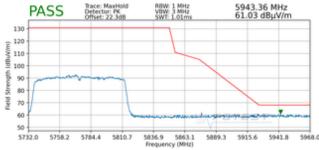
MCS0

Closed

3 Meters

5775MHz

155



Plot 7-386. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 3)

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager	
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7.6.7 MIMO Radiated Band Edge Measurements (20MHz BW) §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

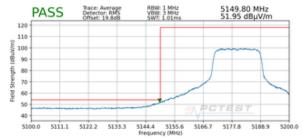
MCS0

Closed

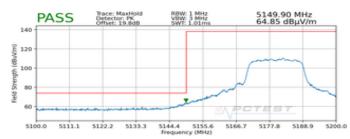
3 Meters

5180MHz

36



Plot 7-387. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1)



Plot 7-388. 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

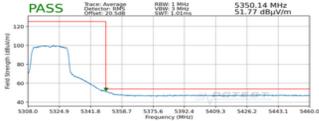
MCS0

Closed

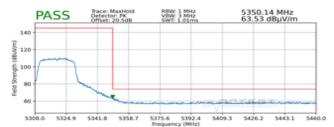
3 Meters

5320MHz

64



Plot 7-389. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A)



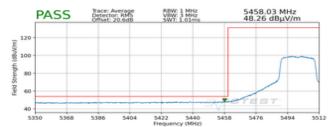
Plot 7-390. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A)

FCC ID: A3LSMF711U1	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SUNG	Approved by: Technical Manager
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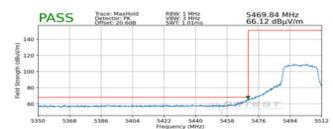


Worst Case Mode:
Worst Case Transfer Rate:
Worst Case Orientation:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ac
MCS0
Closed
3 Meters
5500MHz
100



Plot 7-391. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C)



Plot 7-392. 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

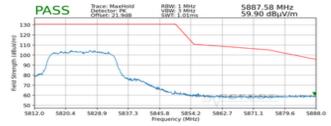
MCS0

Closed

3 Meters

5825MHz

165



Plot 7-393. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3)

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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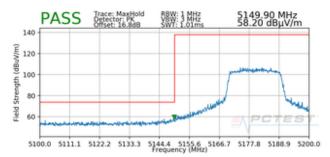


Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax
MCS0
3 Meters
5180MHz
36



Plot 7-394. Radiated Lower Band Edge Plot MIMO with WCP (Average – UNII Band 1)



Plot 7-395. Radiated Lower Band Edge Plot MIMO with WCP (Peak – UNII Band 1)

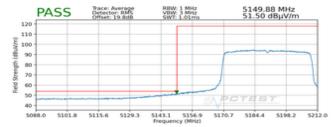
FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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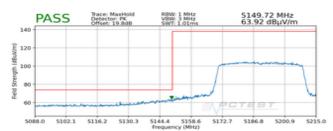
7.6.8 MIMO Radiated Band Edge Measurements (40MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

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

802.11ac
MCS0
3 Meters
5190MHz
38



Plot 7-396. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1)



Plot 7-397. 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

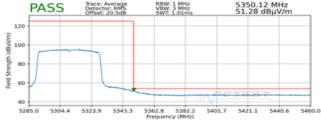
MCS0

Closed

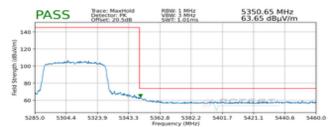
3 Meters

5310MHz

62



Plot 7-398. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A)



Plot 7-399. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A)

FCC ID: A3LSMF711U1	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
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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

5510MHz

102



Plot 7-400. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C)



Plot 7-401. 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

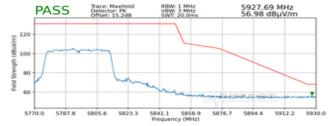
MCS0

Closed

3 Meters

5795MHz

159



Plot 7-402. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3)

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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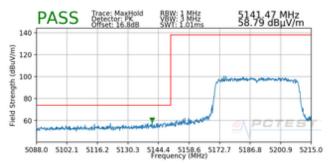


Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax
MCS0
3 Meters
5190MHz
38



Plot 7-403. Radiated Lower Band Edge Plot MIMO with WCP (Average – UNII Band 1)



Plot 7-404. Radiated Lower Band Edge Plot MIMO with WCP (Peak – UNII Band 1)

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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7.6.9 MIMO Radiated Band Edge Measurements (80MHz BW) §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

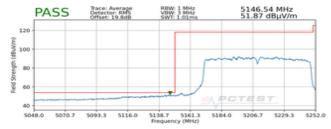
MCS0

Closed

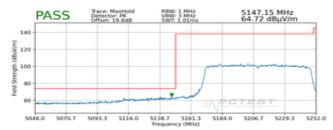
3 Meters

5210MHz

42



Plot 7-405. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1)



Plot 7-406. 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

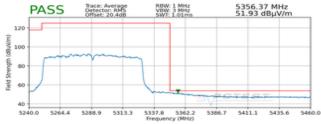
MCS0

Closed

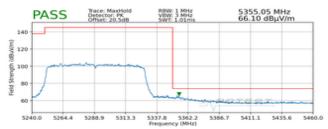
3 Meters

5290MHz

58



Plot 7-407. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A)



Plot 7-408. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A)

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
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Worst Case Mode:
Worst Case Transfer Rate:
Worst Case Orientation:
Distance of Measurements:
Operating Frequency:
Channel:

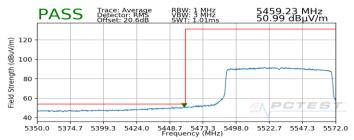
802.11ac

MCS0

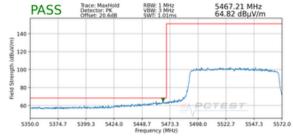
Closed
3 Meters

5530MHz

106



Plot 7-409. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C)



Plot 7-410. 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

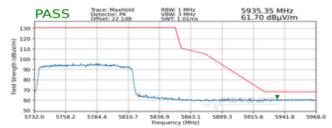
MCS0

Closed

3 Meters

5775MHz

155



Plot 7-411. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3)

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Worst Case Mode:

Worst Case Transfer Rate:

Distance of Measurements:

Operating Frequency:

Channel:

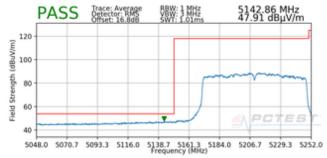
802.11a

MCS0

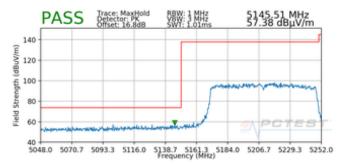
3 Meters

5210MF

802.11ac	
MCS0	_
3 Meters	_
5210MHz	_
42	



Plot 7-412. Radiated Lower Band Edge Plot MIMO with WCP (Average – UNII Band 1)



Plot 7-413. Radiated Lower Band Edge Plot MIMO with WCP (Peak – UNII Band 1)

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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 7-51 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 7-51. 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
- RBW = 120kHz (for emissions from 30MHz 1GHz)
- 3. Detector = quasi-peak
- 4. Sweep time = auto couple
- 5. Trace mode = max hold

assembly of contents thereof, please contact INFO@PCTEST.COM

6. Trace was allowed to stabilize

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Test Setup

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

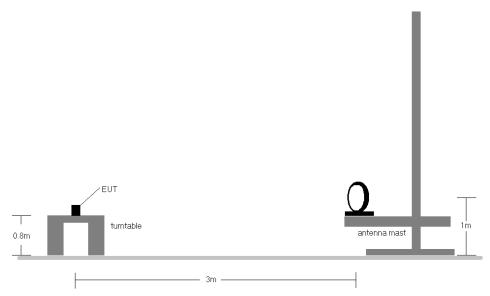


Figure 7-6. Radiated Test Setup < 30MHz

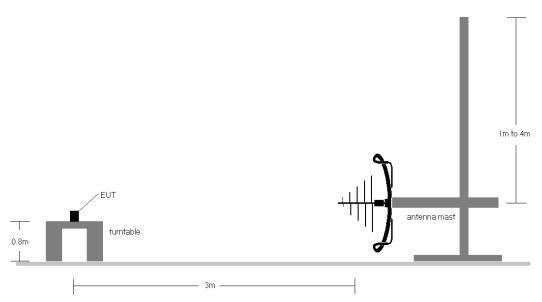


Figure 7-7. Radiated Test Setup < 1GHz

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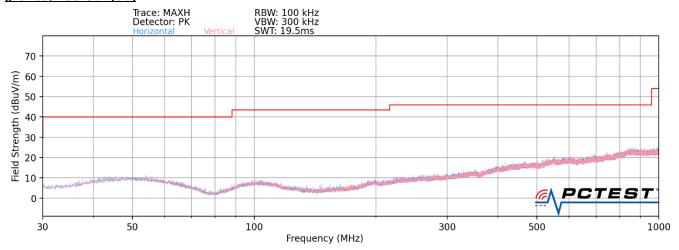


Test Notes

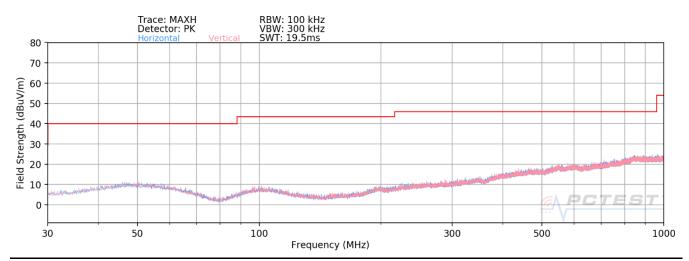
- 1. All emissions lying in restricted bands specified in §15.205 and RSS-Gen (8.10) are below the limit shown in Table 7-51.
- 2. The broadband receive antenna is manipulated through vertical and horizontal polarizations during the tests. The EUT is manipulated through three orthogonal planes.
- 3. 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 (Below 1GHz) §15.209; RSS-Gen [8.9]



Plot 7-414. Radiated Spurious Plot below 1GHz SISO Ant1 - Open (802.11a - U3 Ch. 157)

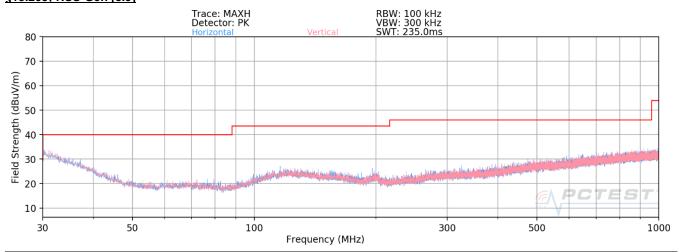


Plot 7-415. Radiated Spurious Plot below 1GHz SISO Ant1 - Closed (802.11a - U3 Ch. 157)

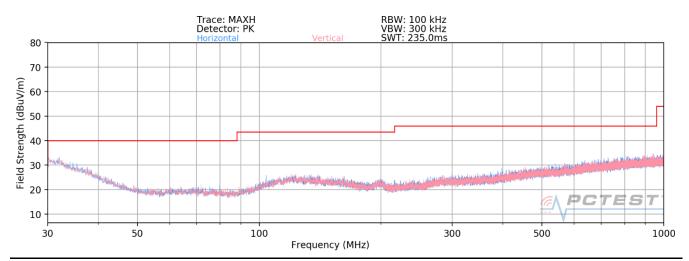
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CDD Radiated Spurious Emissions Measurements (Below 1GHz) §15.209; RSS-Gen [8.9]



Plot 7-416. Radiated Spurious Plot below 1GHz CDD - Open (802.11a - U3 Ch. 157)

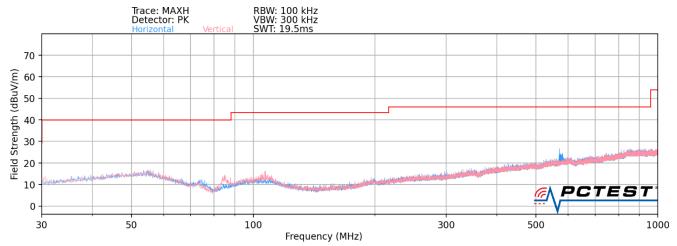


Plot 7-417. Radiated Spurious Plot below 1GHz CDD - Closed (802.11a - U3 Ch. 157)

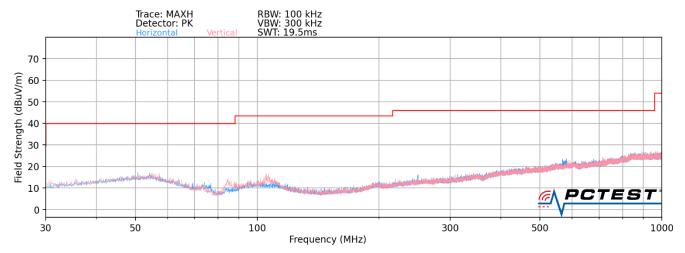
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Simultaneous Tx Radiated Spurious Emissions Measurements (Below 1GHz) §15.209; RSS-Gen [8.9]



Plot 7-418. Radiated Spurious Plot below 1GHz Open (Bluetooth – 2.4 GHz – 5GHz)



Plot 7-419. Radiated Spurious Plot below 1GHz Open (Dual Band Simult. Tx)

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

Table 7-52. 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
- RBW = 9kHz (for emissions from 150kHz 30MHz)
- 3. Detector = RMS
- 4. Sweep time = auto couple
- 5. Trace mode = max hold
- 6. Trace was allowed to stabilize

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^{*}Decreases with the logarithm of the frequency.



Test Setup

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

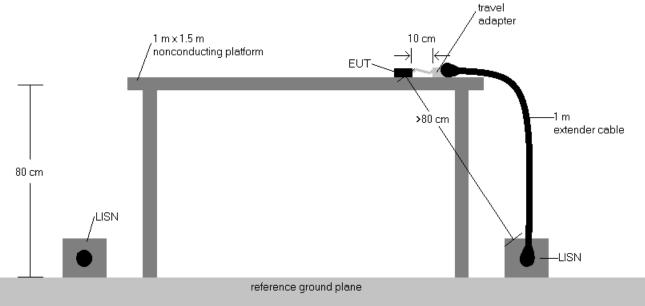


Figure 7-8. Test Instrument & Measurement Setup

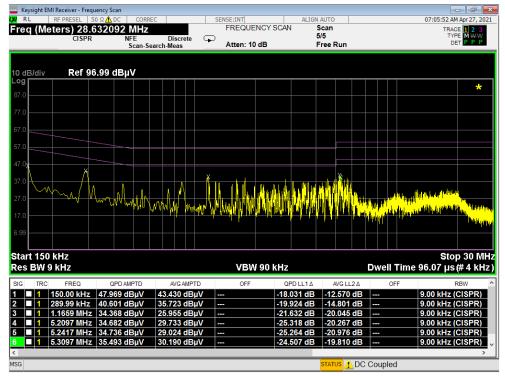
Test Notes

- 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 μ V) = QP/AV Analyzer/Receiver Level (dB μ V) + Corr. (dB)
- 5. Margin (dB) = QP/AV Limit (dB μ V) QP/AV Level (dB μ V)
- 6. Traces shown in plot are made using a peak detector.
- 7. Deviations to the Specifications: None.

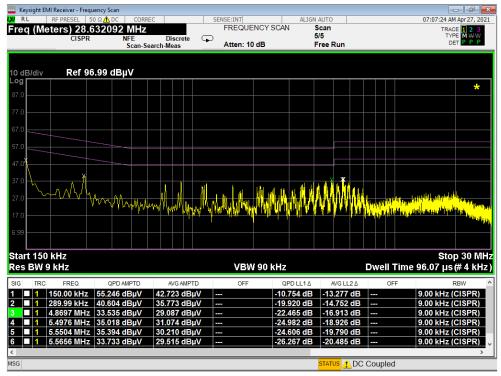
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Line-Conducted Test



Plot 7-420. Line Conducted Plot with 802.11a UNII Band 1 (L1) - Open

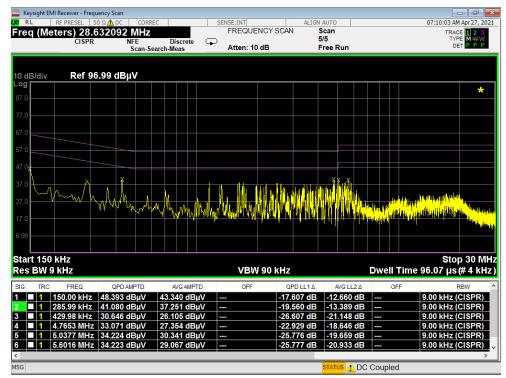


Plot 7-421. Line Conducted Plot with 802.11a UNII Band 1 (N) - Open

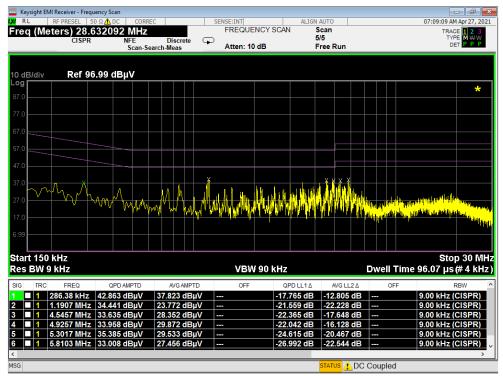
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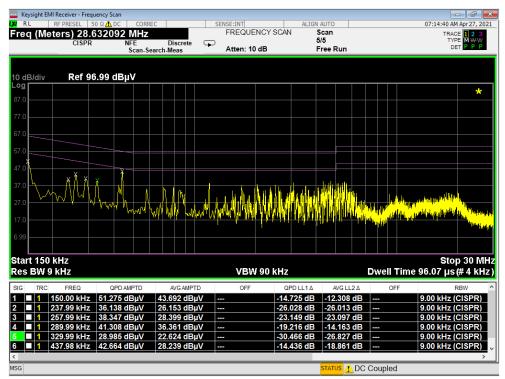
Plot 7-422. Line Conducted Plot with 802.11a UNII Band 2A (L1) - Open



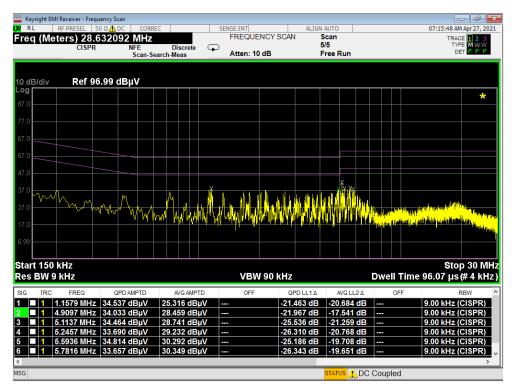
Plot 7-423. Line Conducted Plot with 802.11a UNII Band 2A (N) - Open

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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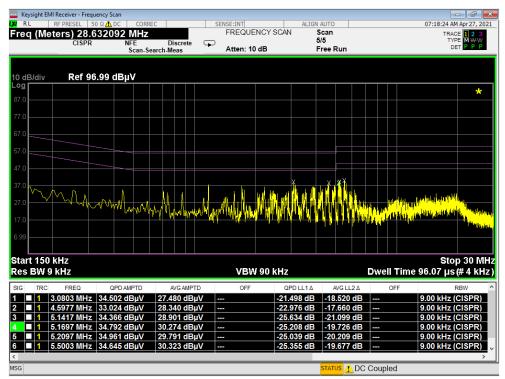
Plot 7-424. Line Conducted Plot with 802.11a UNII Band 2C (L1) - Open



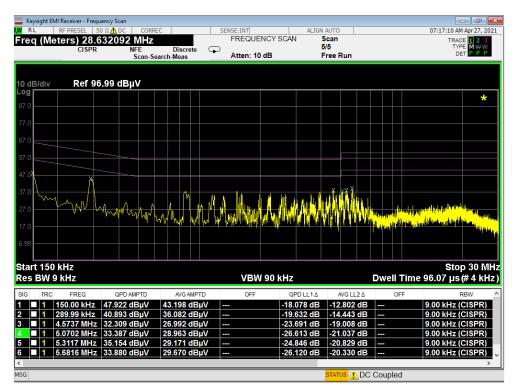
Plot 7-425. Line Conducted Plot with 802.11a UNII Band 2C (N) - Open

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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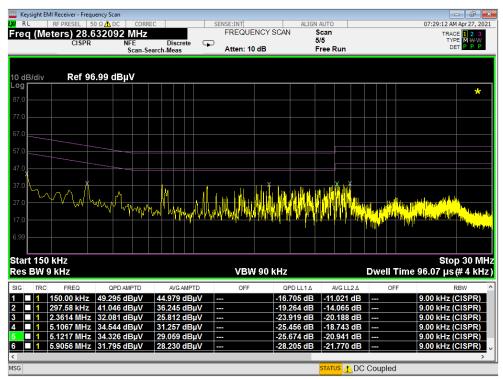
Plot 7-426. Line Conducted Plot with 802.11a UNII Band 3 (L1) - Open



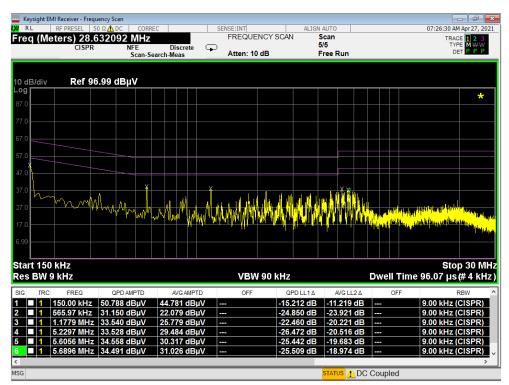
Plot 7-427. Line Conducted Plot with 802.11a UNII Band 3 (N) - Open

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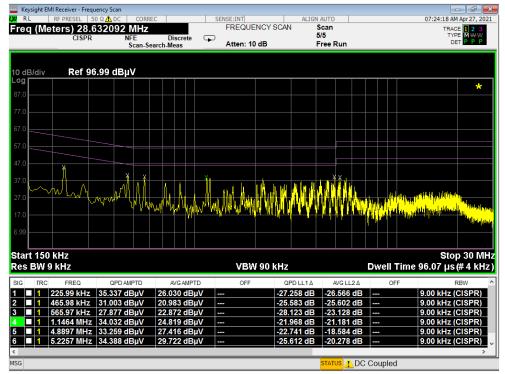
Plot 7-428. Line Conducted Plot with 802.11a UNII Band 1 (L1) - Closed



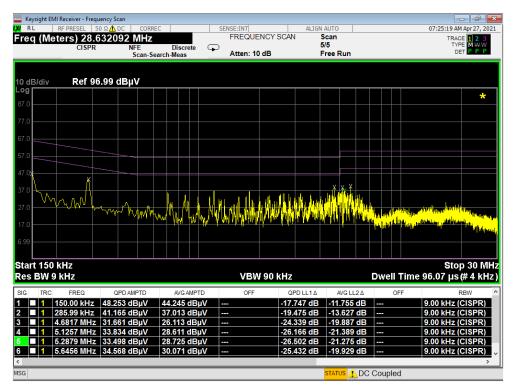
Plot 7-429. Line Conducted Plot with 802.11a UNII Band 1 (N) - Closed

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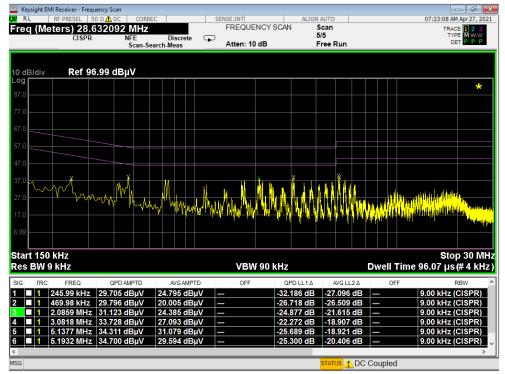
Plot 7-430. Line Conducted Plot with 802.11a UNII Band 2A (L1) - Closed



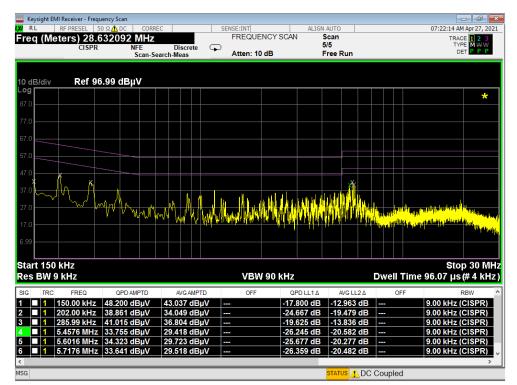
Plot 7-431. Line Conducted Plot with 802.11a UNII Band 2A (N) - Closed

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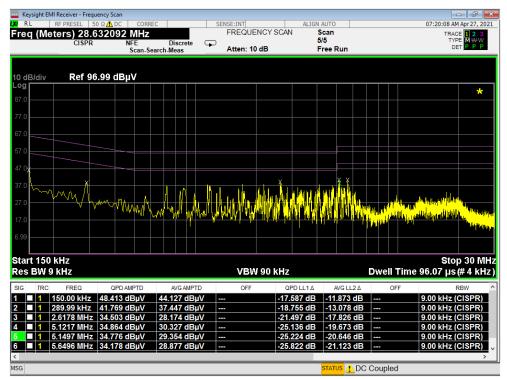
Plot 7-432. Line Conducted Plot with 802.11a UNII Band 2C (L1) - Closed



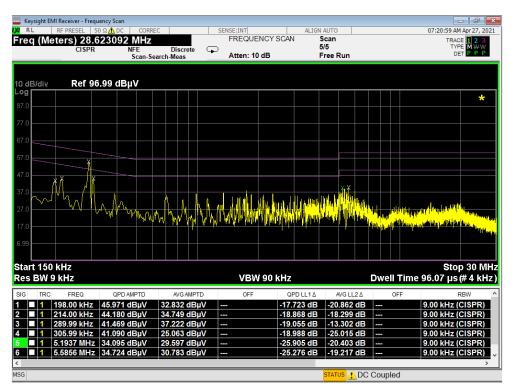
Plot 7-433. Line Conducted Plot with 802.11a UNII Band 2C (N) - Closed

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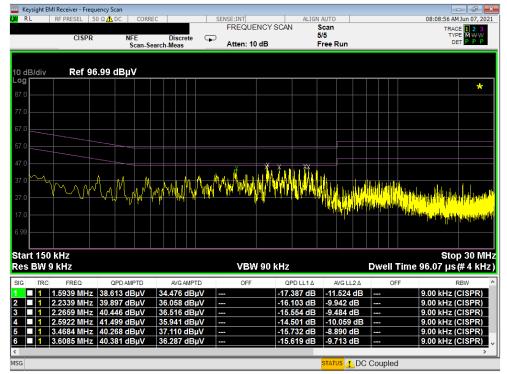
Plot 7-434. Line Conducted Plot with 802.11a UNII Band 3 (L1) - Closed



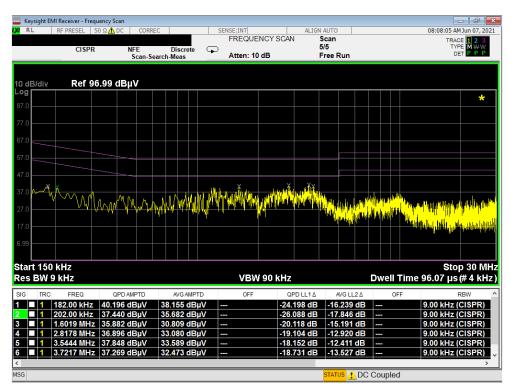
Plot 7-435. Line Conducted Plot with 802.11a UNII Band 3 (N) - Closed

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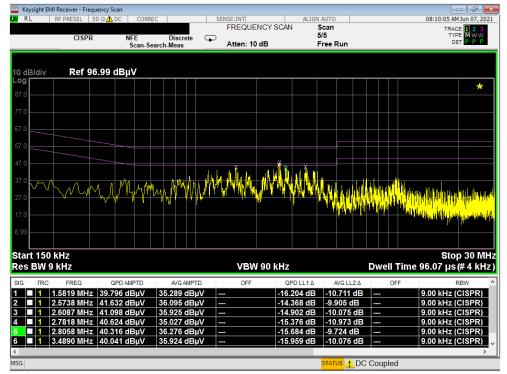
Plot 7-436. Line Conducted Plot with 802.11a UNII Band 1 (L1) with WCP



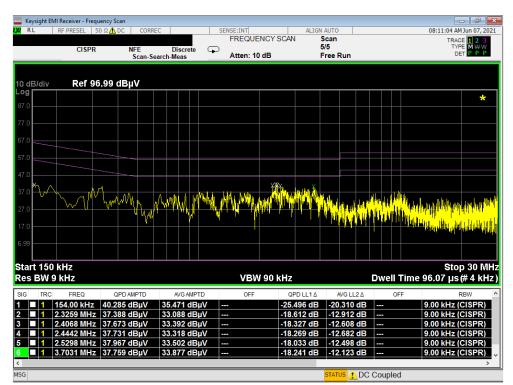
Plot 7-437. Line Conducted Plot with 802.11a UNII Band 1 (N) with WCP

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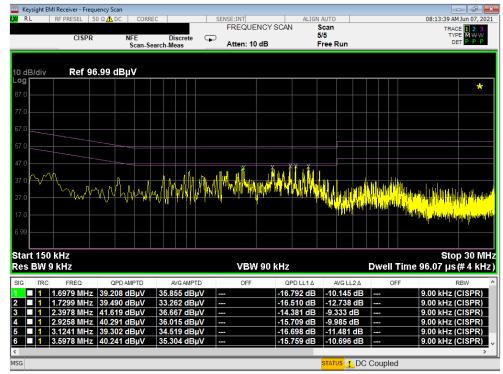
Plot 7-438. Line Conducted Plot with 802.11a UNII Band 2A (L1) with WCP



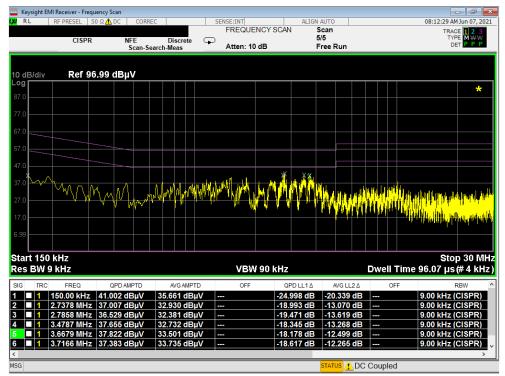
Plot 7-439. Line Conducted Plot with 802.11a UNII Band 2A (N) with WCP

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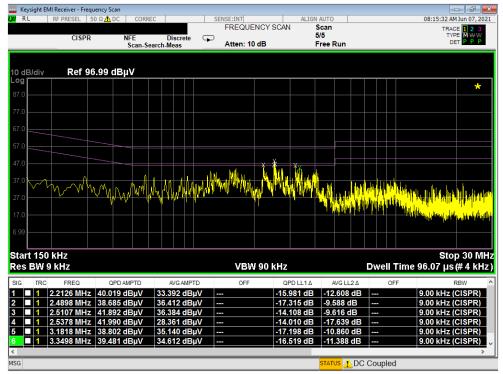
Plot 7-440. Line Conducted Plot with 802.11a UNII Band 2C (L1) with WCP



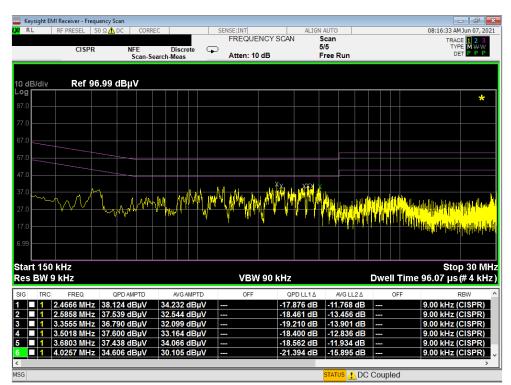
Plot 7-441. Line Conducted Plot with 802.11a UNII Band 2C (N) with WCP

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Plot 7-442. Line Conducted Plot with 802.11a UNII Band 3 (L1) with WCP



Plot 7-443. Line Conducted Plot with 802.11a UNII Band 3 (N) with WCP

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8.0 CONCLUSION

The data collected relate only the item(s) tested and show that the **Samsung Portable Handset FCC ID: A3LSMF711U1** is in compliance with Part 15 Subpart E (15.407) of the FCC Rules.

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