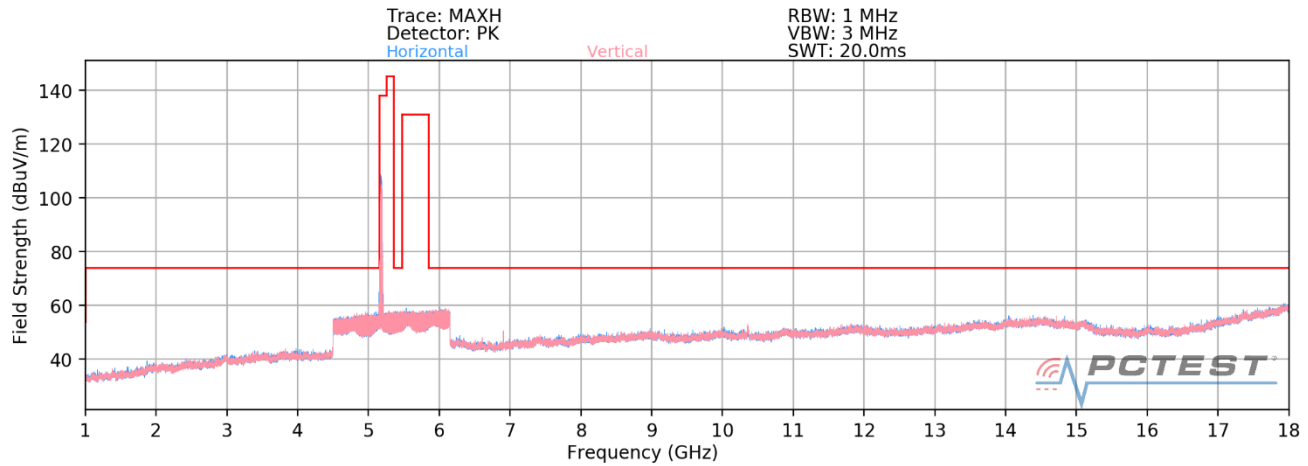
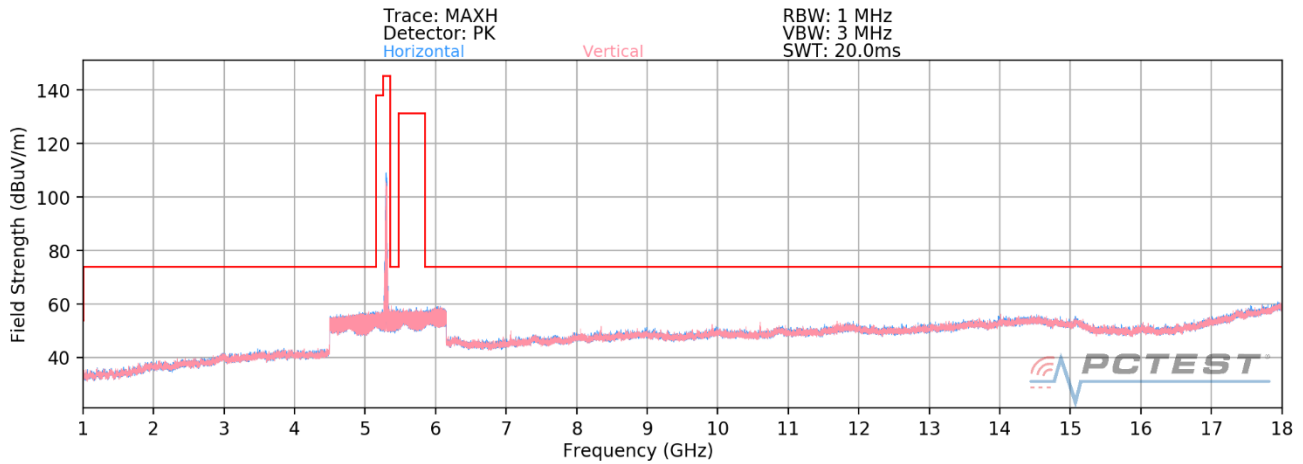


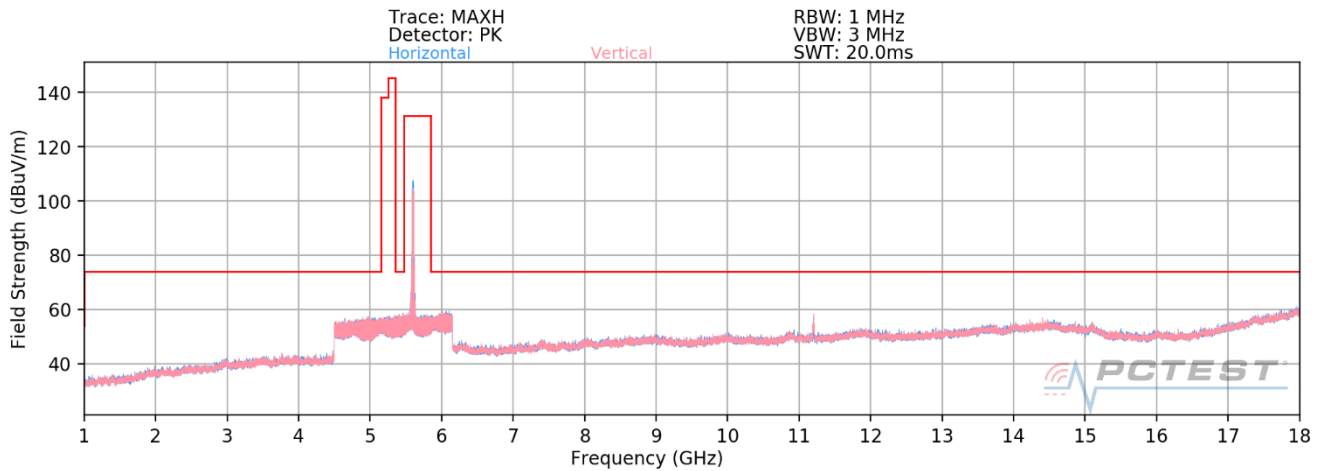
6.6.2 MIMO Radiated Spurious Emission Measurements



Plot 7-433. Radiated Spurious Plot above 1GHz MIMO (802.11a – U1 Ch. 40) Open

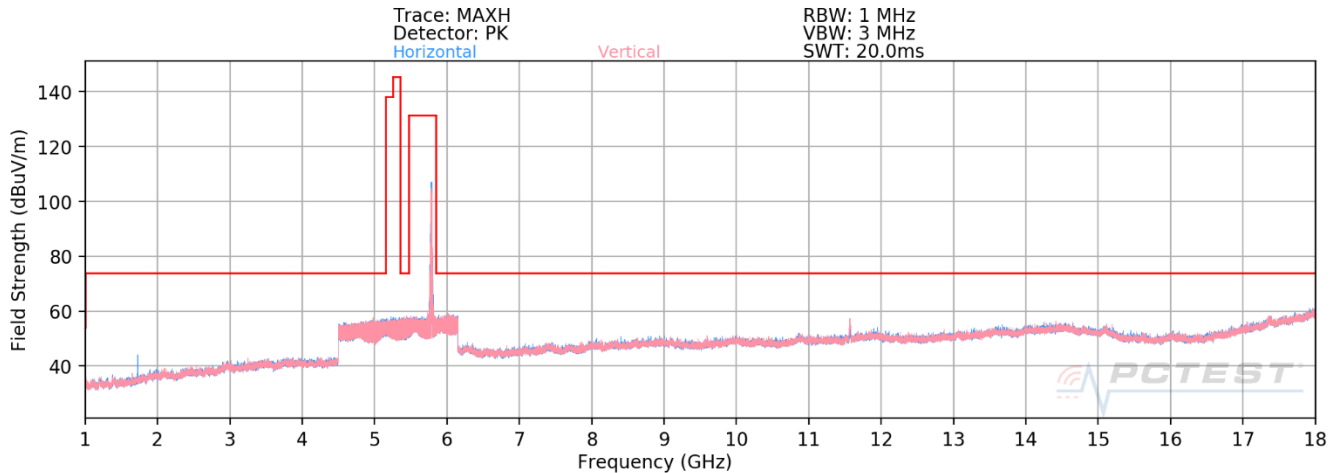


Plot 7-434. Radiated Spurious Plot above 1GHz MIMO (802.11a – U2A Ch. 56) Open

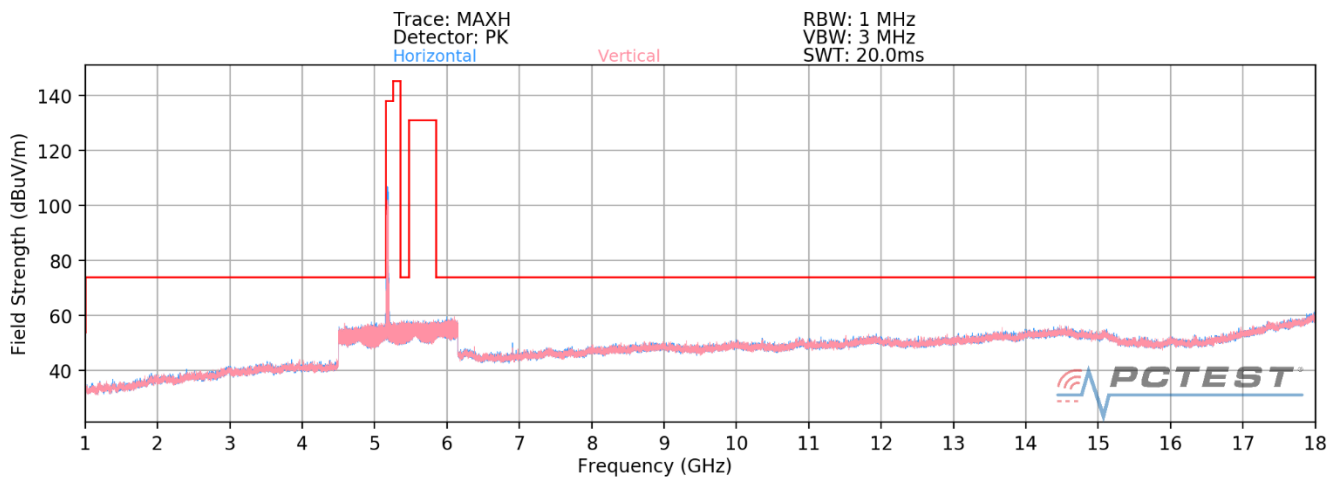


Plot 7-435. Radiated Spurious Plot above 1GHz MIMO (802.11a – U2C Ch. 120) Open

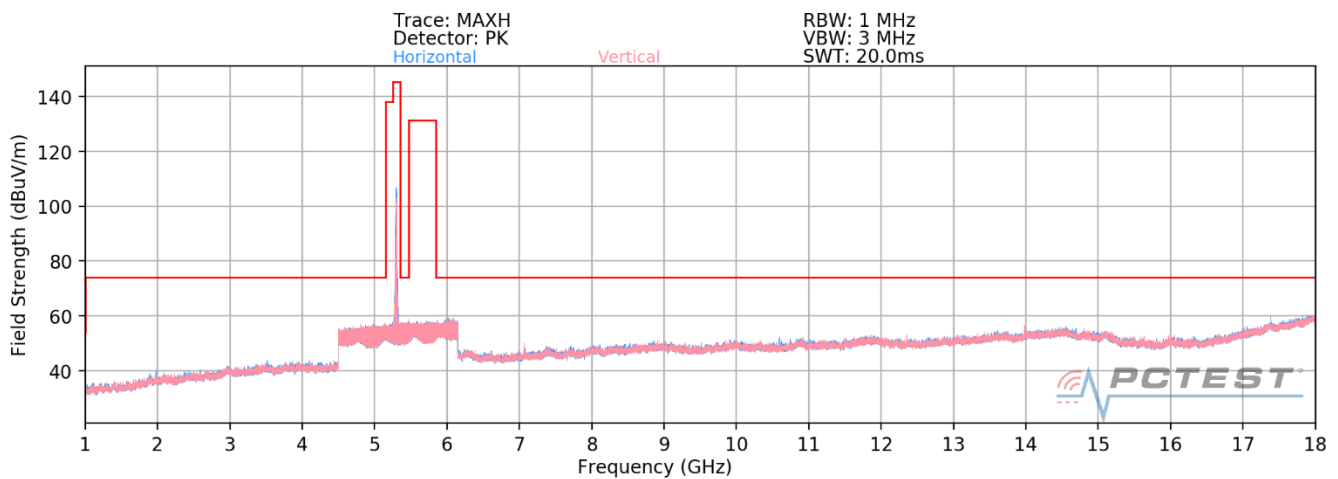
| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 258 of 309 |



Plot 7-436. Radiated Spurious Plot above 1GHz MIMO (802.11a – U3 Ch. 157) Open

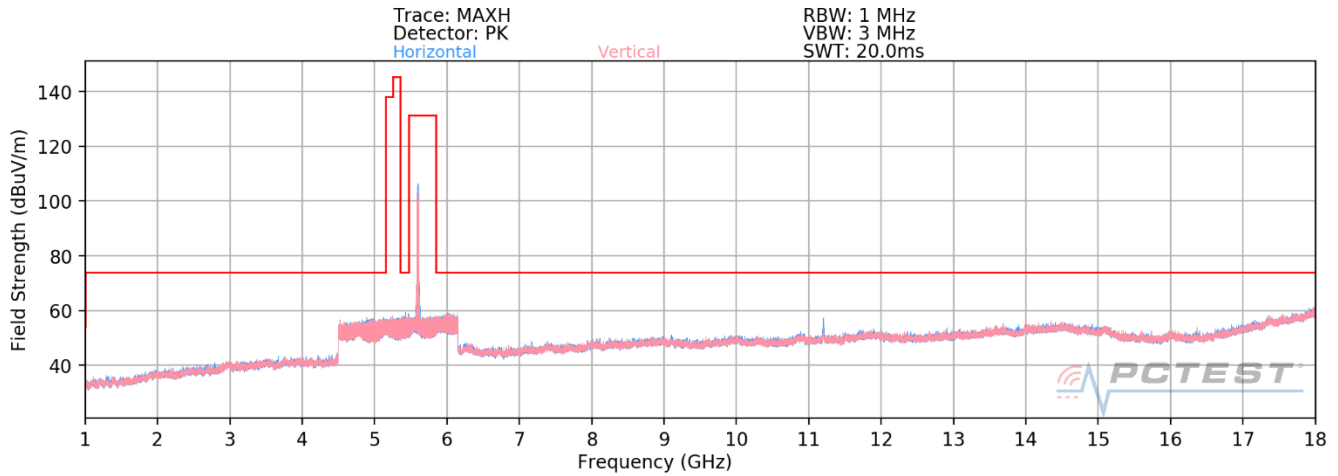


Plot 7-437. Radiated Spurious Plot above 1GHz MIMO (802.11a – U1 Ch. 40) Closed

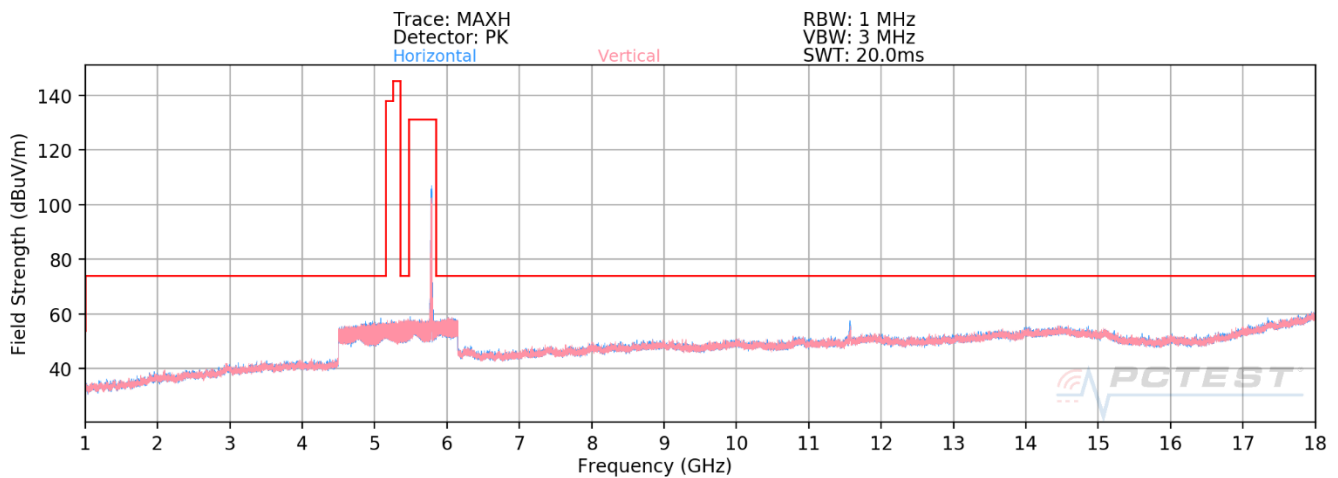


Plot 7-438. Radiated Spurious Plot above 1GHz MIMO (802.11a – U2A Ch. 56) Closed

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 259 of 309 |



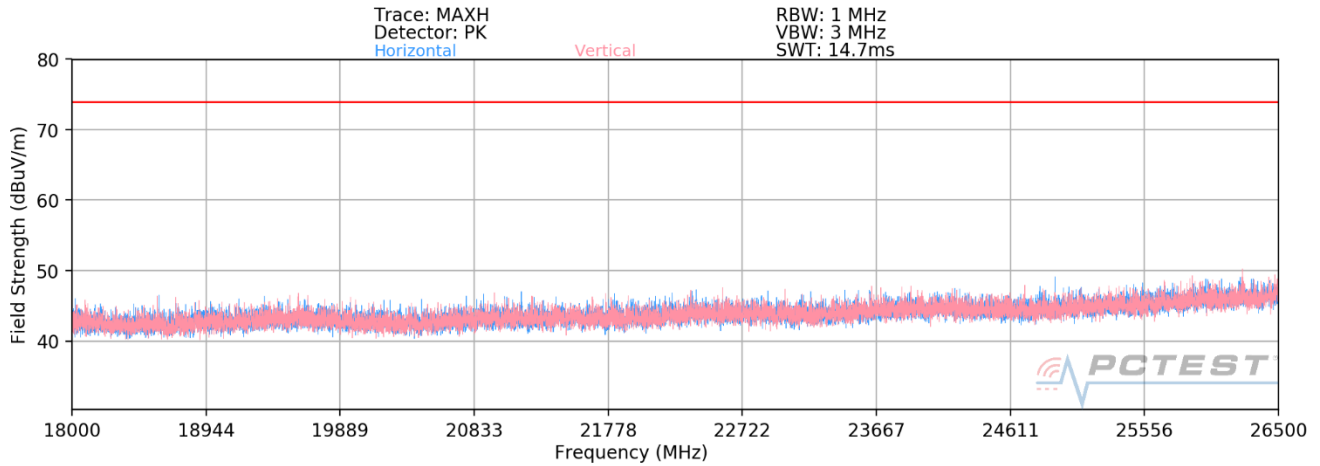
Plot 7-439. Radiated Spurious Plot above 1GHz MIMO (802.11a – U2C Ch. 120) Closed



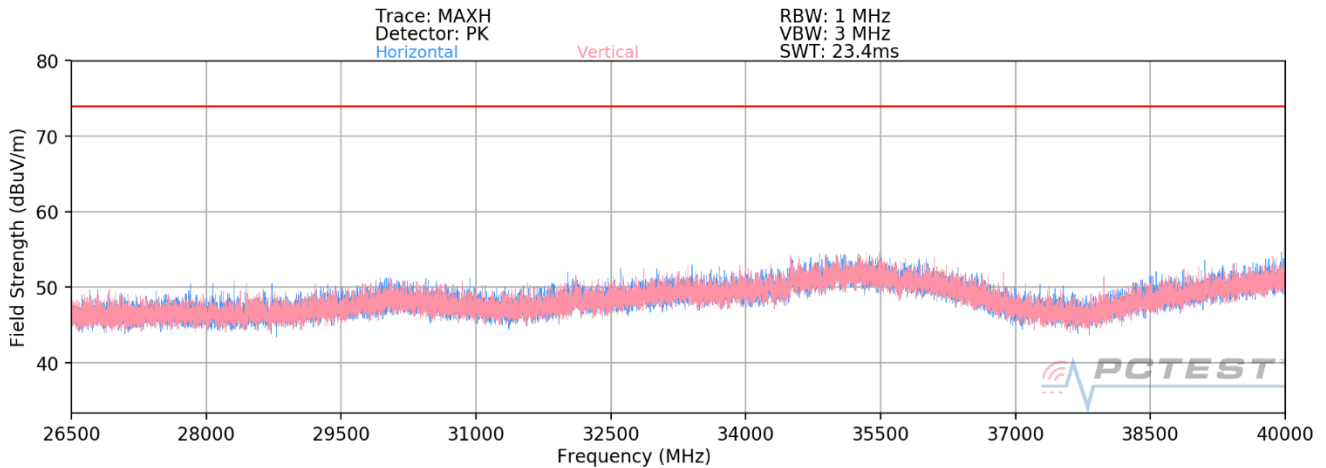
Plot 7-440. Radiated Spurious Plot above 1GHz MIMO (802.11a – U3 Ch. 157) Closed

| | | | | |
|---|---|---------------------------------------|---|-----------------------------------|
| FCC ID: A3LSMF926B |  | MEASUREMENT REPORT (CERTIFICATION) |  | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 260 of 309 |

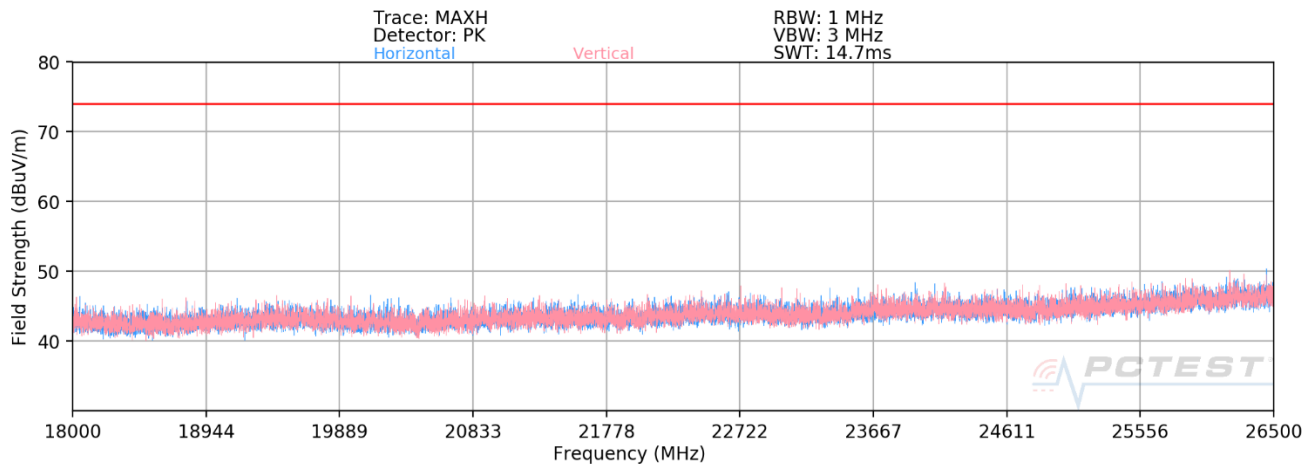
Radiated Spurious Emissions Measurements (Above 18GHz)



Plot 7-441. Radiated Spurious Plot 18GHz - 26.5GHz MIMO (802.11a) Open

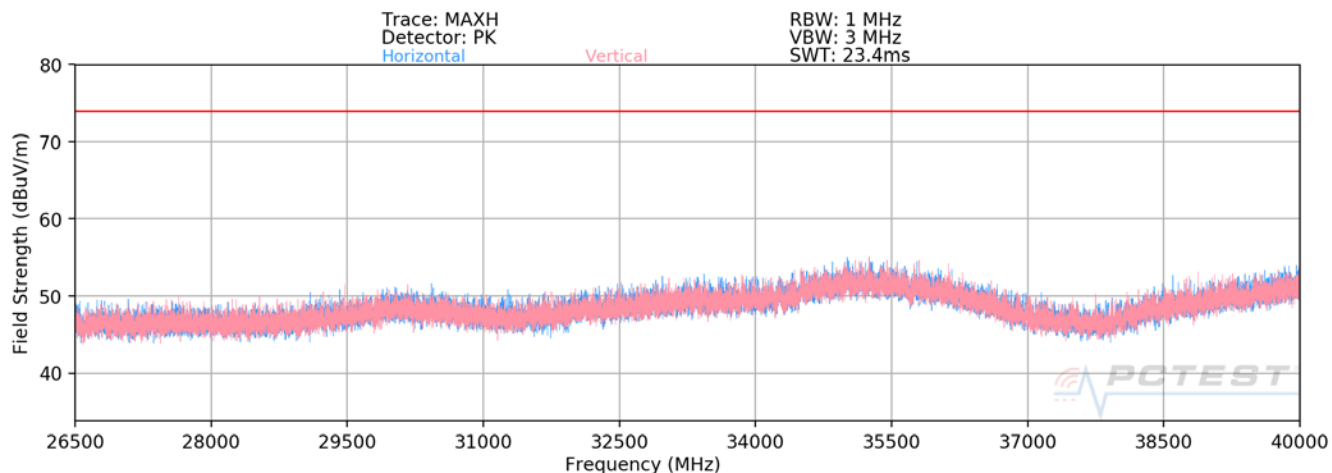


Plot 7-442. Radiated Spurious Plot 18GHz - 26.5GHz MIMO (802.11a) Open



Plot 7-443. Radiated Spurious Plot 26.5GHz - 40GHz MIMO (802.11a) Closed

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 261 of 309 |



Plot 7-444. Radiated Spurious Plot 26.5GHz - 40GHz MIMO (802.11a) Closed

| | | | | |
|--|--|---|----------------|--|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 262 of 309 |

MIMO Radiated Spurious Emission Measurements

§15.407(b) §15.205 & §15.209: RSS-Gen [8.9]

Worst Case Mode: 802.11a
Worst Case Transfer Rate: 6Mbps
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5180MHz
Channel: 36

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Distance Correction Factor [dB] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|---------------------------------|-------------------------|----------------|-------------|
| 10360.00 | Peak | H | 336 | 303 | -63.65 | 12.08 | 0.00 | 55.43 | 68.20 | -12.77 |
| * 15540.00 | Average | H | - | - | -82.17 | 13.13 | 0.00 | 37.96 | 53.98 | -16.02 |
| * 15540.00 | Peak | H | - | - | -67.03 | 13.13 | 0.00 | 53.10 | 73.98 | -20.88 |
| * 20720.00 | Average | H | - | - | -67.34 | 4.48 | -9.54 | 34.60 | 53.98 | -19.38 |
| * 20720.00 | Peak | H | - | - | -56.97 | 4.48 | -9.54 | 44.97 | 73.98 | -29.01 |
| 25900.00 | Peak | H | - | - | -56.65 | 6.92 | -9.54 | 47.73 | 68.20 | -20.47 |

Table 7-38. Radiated Measurements MIMO

Worst Case Mode: 802.11a
Worst Case Transfer Rate: 6Mbps
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5200MHz
Channel: 40

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Distance Correction Factor [dB] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|---------------------------------|-------------------------|----------------|-------------|
| 10400.00 | Peak | H | 363 | 307 | -64.35 | 11.66 | 0.00 | 54.31 | 68.20 | -13.89 |
| * 15600.00 | Average | H | - | - | -82.83 | 13.90 | 0.00 | 38.07 | 53.98 | -15.91 |
| * 15600.00 | Peak | H | - | - | -67.30 | 13.90 | 0.00 | 53.60 | 73.98 | -20.38 |
| * 20800.00 | Average | H | - | - | -67.28 | 4.89 | -9.54 | 35.07 | 53.98 | -18.91 |
| * 20800.00 | Peak | H | - | - | -56.90 | 4.89 | -9.54 | 45.45 | 73.98 | -28.53 |
| 26000.00 | Peak | H | - | - | -56.75 | 7.11 | -9.54 | 47.82 | 68.20 | -20.38 |

Table 7-39. Radiated Measurements MIMO

| | | |
|---|---|-----------------------------------|
| FCC ID: A3LSMF926B |  MEASUREMENT REPORT (CERTIFICATION)  | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset |
| | | Page 263 of 309 |

Worst Case Mode: 802.11a
Worst Case Transfer Rate: 6Mbps
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5240MHz
Channel: 48

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Distance Correction Factor [dB] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|---------------------------------|-------------------------|----------------|-------------|
| 10480.00 | Peak | H | 152 | 257 | -66.16 | 11.81 | 0.00 | 52.65 | 68.20 | -15.55 |
| * 15720.00 | Average | H | - | - | -83.11 | 14.30 | 0.00 | 38.19 | 53.98 | -15.79 |
| * 15720.00 | Peak | H | - | - | -67.07 | 14.30 | 0.00 | 54.23 | 73.98 | -19.75 |
| * 20960.00 | Average | H | - | - | -67.59 | 5.01 | -9.54 | 34.88 | 53.98 | -19.10 |
| * 20960.00 | Peak | H | - | - | -56.59 | 5.01 | -9.54 | 45.88 | 73.98 | -28.10 |
| 26200.00 | Peak | H | - | - | -56.64 | 6.99 | -9.54 | 47.81 | 68.20 | -20.39 |

Table 7-40. Radiated Measurements MIMO

Worst Case Mode: 802.11a
Worst Case Transfer Rate: 6Mbps
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5260MHz
Channel: 52

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Distance Correction Factor [dB] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|---------------------------------|-------------------------|----------------|-------------|
| 10520.00 | Peak | H | 322 | 256 | -66.13 | 12.25 | 0.00 | 53.12 | 68.20 | -15.08 |
| * 15780.00 | Average | H | - | - | -83.22 | 14.25 | 0.00 | 38.03 | 53.98 | -15.95 |
| * 15780.00 | Peak | H | - | - | -67.82 | 14.25 | 0.00 | 53.43 | 73.98 | -20.55 |
| * 21040.00 | Average | H | - | - | -66.89 | 4.88 | -9.54 | 35.45 | 53.98 | -18.53 |
| * 21040.00 | Peak | H | - | - | -56.80 | 4.88 | -9.54 | 45.54 | 73.98 | -28.44 |
| 26300.00 | Peak | H | - | - | -56.02 | 7.06 | -9.54 | 48.50 | 68.20 | -19.70 |

Table 7-41. Radiated Measurements MIMO

| | | |
|---|---|-----------------------------------|
| FCC ID: A3LSMF926B |  MEASUREMENT REPORT (CERTIFICATION)  | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset |
| | | Page 264 of 309 |

Worst Case Mode: 802.11a
Worst Case Transfer Rate: 6Mbps
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5280MHz
Channel: 56

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Distance Correction Factor [dB] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|---------------------------------|-------------------------|----------------|-------------|
| 10560.00 | Peak | H | 384 | 302 | -63.88 | 12.67 | 0.00 | 55.79 | 68.20 | -12.41 |
| * 15840.00 | Average | H | - | - | -83.31 | 14.00 | 0.00 | 37.69 | 53.98 | -16.29 |
| * 15840.00 | Peak | H | - | - | -67.12 | 14.00 | 0.00 | 53.88 | 73.98 | -20.10 |
| * 21120.00 | Average | H | - | - | -67.01 | 5.08 | -9.54 | 35.53 | 53.98 | -18.45 |
| * 21120.00 | Peak | H | - | - | -57.06 | 5.08 | -9.54 | 45.48 | 73.98 | -28.50 |
| 26400.00 | Peak | H | - | - | -56.76 | 7.43 | -9.54 | 48.13 | 68.20 | -20.07 |

Table 7-42. Radiated Measurements MIMO

Worst Case Mode: 802.11a
Worst Case Transfer Rate: 6Mbps
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5320MHz
Channel: 64

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Distance Correction Factor [dB] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|---------------------------------|-------------------------|----------------|-------------|
| * 10640.00 | Average | H | 227 | 250 | -80.91 | 12.71 | 0.00 | 38.80 | 53.98 | -15.18 |
| * 10640.00 | Peak | H | 227 | 250 | -65.94 | 12.71 | 0.00 | 53.77 | 73.98 | -20.21 |
| * 15960.00 | Average | H | - | - | -83.27 | 13.40 | 0.00 | 37.13 | 53.98 | -16.85 |
| * 15960.00 | Peak | H | - | - | -67.42 | 13.40 | 0.00 | 52.98 | 73.98 | -21.00 |
| * 21280.00 | Average | H | - | - | -66.74 | 5.14 | -9.54 | 35.86 | 53.98 | -18.12 |
| * 21280.00 | Peak | H | - | - | -56.85 | 5.14 | -9.54 | 45.75 | 73.98 | -28.23 |
| 26600.00 | Peak | H | - | - | -55.76 | 7.21 | -9.54 | 48.90 | 68.20 | -19.30 |

Table 7-43. Radiated Measurements MIMO

| | | |
|---|---|-----------------------------------|
| FCC ID: A3LSMF926B |  MEASUREMENT REPORT (CERTIFICATION)  | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset |
| | | Page 265 of 309 |

Worst Case Mode: 802.11a
Worst Case Transfer Rate: 6Mbps
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5500MHz
Channel: 100

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Distance Correction Factor [dB] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|---------------------------------|-------------------------|----------------|-------------|
| * 11000.00 | Average | H | - | - | -82.12 | 12.80 | 0.00 | 37.68 | 53.98 | -16.30 |
| * 11000.00 | Peak | H | - | - | -67.42 | 12.80 | 0.00 | 52.38 | 73.98 | -21.60 |
| 16500.00 | Peak | H | - | - | -67.76 | 14.83 | 0.00 | 54.07 | 68.20 | -14.13 |
| 22000.00 | Peak | H | - | - | -56.45 | 5.16 | -9.54 | 46.17 | 68.20 | -22.03 |
| 27500.00 | Peak | H | - | - | -55.51 | 7.69 | -9.54 | 49.64 | 68.20 | -18.56 |

Table 7-44. Radiated Measurements MIMO

Worst Case Mode: 802.11a
Worst Case Transfer Rate: 6Mbps
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5600MHz
Channel: 120

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Distance Correction Factor [dB] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|---------------------------------|-------------------------|----------------|-------------|
| * 11200.00 | Average | H | 275 | 56 | -74.07 | 17.10 | 0.00 | 50.03 | 53.98 | -3.95 |
| * 11200.00 | Peak | H | 275 | 56 | -60.78 | 17.10 | 0.00 | 63.32 | 73.98 | -10.66 |
| 16800.00 | Peak | H | - | - | -67.15 | 24.48 | 0.00 | 64.33 | 68.20 | -3.87 |
| * 22400.00 | Average | H | - | - | -66.87 | 5.45 | -9.54 | 36.04 | 53.98 | -17.94 |
| * 22400.00 | Peak | H | - | - | -56.58 | 5.45 | -9.54 | 46.33 | 73.98 | -27.65 |
| 28000.00 | Peak | H | - | - | -56.44 | 17.97 | -9.54 | 58.99 | 68.20 | -9.21 |

Table 7-45. Radiated Measurements MIMO

| | | |
|---|---|-----------------------------------|
| FCC ID: A3LSMF926B |  MEASUREMENT REPORT (CERTIFICATION)  | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset |
| | | Page 266 of 309 |

Worst Case Mode: 802.11a
Worst Case Transfer Rate: 6Mbps
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5720MHz
Channel: 144

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Distance Correction Factor [dB] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|---------------------------------|-------------------------|----------------|-------------|
| * 11440.00 | Average | H | 140 | 183 | -70.99 | 13.04 | 0.00 | 49.05 | 53.98 | -4.93 |
| * 11440.00 | Peak | H | 140 | 183 | -56.93 | 13.04 | 0.00 | 63.11 | 73.98 | -10.87 |
| 17160.00 | Peak | H | - | - | -67.26 | 17.56 | 0.00 | 57.30 | 68.20 | -10.90 |
| * 22880.00 | Average | H | - | - | -67.27 | 5.42 | -9.54 | 35.61 | 53.98 | -18.37 |
| * 22880.00 | Peak | H | - | - | -56.24 | 5.42 | -9.54 | 46.64 | 73.98 | -27.34 |
| 28600.00 | Peak | H | - | - | -56.83 | 8.29 | -9.54 | 48.92 | 68.20 | -19.28 |

Table 7-46. Radiated Measurements MIMO

Worst Case Mode: 802.11a
Worst Case Transfer Rate: 6Mbps
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5745MHz
Channel: 149

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Distance Correction Factor [dB] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|---------------------------------|-------------------------|----------------|-------------|
| * 11490.00 | Average | H | 185 | 203 | -74.36 | 13.35 | 0.00 | 45.99 | 53.98 | -7.99 |
| * 11490.00 | Peak | H | 185 | 203 | -60.40 | 13.35 | 0.00 | 59.95 | 73.98 | -14.03 |
| 17235.00 | Peak | H | - | - | -67.45 | 17.64 | 0.00 | 57.19 | 68.20 | -11.01 |
| * 22980.00 | Average | H | - | - | -67.51 | 5.29 | -9.54 | 35.24 | 53.98 | -18.74 |
| * 22980.00 | Peak | H | - | - | -56.34 | 5.29 | -9.54 | 46.41 | 73.98 | -27.57 |
| 28725.00 | Peak | H | - | - | -56.17 | 8.24 | -9.54 | 49.53 | 69.20 | -19.67 |

Table 7-47. Radiated Measurements MIMO

| | | |
|---|---|-----------------------------------|
| FCC ID: A3LSMF926B |  MEASUREMENT REPORT (CERTIFICATION)  | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset |
| | | Page 267 of 309 |

Worst Case Mode: 802.11a
Worst Case Transfer Rate: 6Mbps
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5785MHz
Channel: 157

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Distance Correction Factor [dB] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|---------------------------------|-------------------------|----------------|-------------|
| * 11570.00 | Average | H | 206 | 201 | -74.61 | 13.30 | 0.00 | 45.69 | 53.98 | -8.29 |
| * 11570.00 | Peak | H | 206 | 201 | -61.15 | 13.30 | 0.00 | 59.15 | 73.98 | -14.83 |
| 17355.00 | Peak | H | - | - | -67.92 | 20.23 | 0.00 | 59.31 | 68.20 | -8.89 |
| 23140.00 | Peak | H | - | - | -56.50 | 5.34 | -9.54 | 46.30 | 68.20 | -21.90 |
| 28925.00 | Peak | H | - | - | -56.39 | 8.47 | -9.54 | 49.54 | 68.20 | -18.66 |

Table 7-48. Radiated Measurements MIMO

Worst Case Mode: 802.11a
Worst Case Transfer Rate: 6Mbps
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5825MHz
Channel: 165

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Distance Correction Factor [dB] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|---------------------------------|-------------------------|----------------|-------------|
| * 11650.00 | Average | H | 190 | 208 | -77.05 | 18.05 | 0.00 | 48.00 | 53.98 | -5.98 |
| * 11650.00 | Peak | H | 190 | 208 | -62.46 | 18.05 | 0.00 | 62.59 | 73.98 | -11.39 |
| 17475.00 | Peak | H | - | - | -70.23 | 25.87 | 0.00 | 62.64 | 68.20 | -5.56 |
| 23300.00 | Peak | H | - | - | -56.43 | 5.29 | -9.54 | 46.32 | 68.20 | -21.88 |
| 29125.00 | Peak | H | - | - | -56.46 | 8.49 | -9.54 | 49.49 | 68.20 | -18.71 |

Table 7-49. Radiated Measurements MIMO

| | | |
|---|---|-----------------------------------|
| FCC ID: A3LSMF926B |  MEASUREMENT REPORT (CERTIFICATION)  | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset |
| | | Page 268 of 309 |

Worst Case Mode: 802.11a
Worst Case Transfer Rate: 6Mbps
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5600MHz
Channel: 2

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Distance Correction Factor [dB] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|---------------------------------|-------------------------|----------------|-------------|
| * 11200.00 | Average | H | - | - | -72.11 | 17.10 | 0.00 | 51.99 | 53.98 | -1.99 |
| * 11200.00 | Peak | H | - | - | -61.41 | 17.10 | 0.00 | 62.69 | 73.98 | -11.29 |
| 16800.00 | Peak | H | - | - | -66.59 | 24.48 | 0.00 | 64.89 | 68.20 | -3.31 |
| 22400.00 | Average | H | - | - | -66.76 | 5.45 | -9.54 | 36.15 | 53.98 | -17.83 |
| 22400.00 | Peak | H | - | - | -56.34 | 5.45 | -9.54 | 46.57 | 73.98 | -27.41 |
| 28000.00 | Peak | H | - | - | -56.80 | 17.97 | -9.54 | 58.63 | 68.20 | -9.57 |

Table 7-50. Radiated Measurements with WCP MIMO

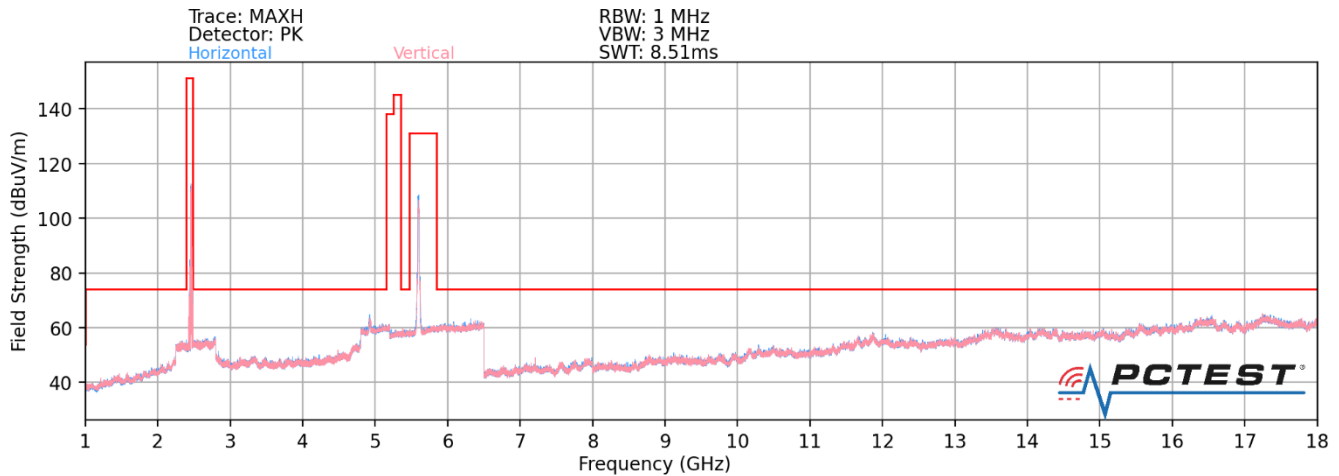
| | | | | |
|---|---|---------------------------------------|---|-----------------------------------|
| FCC ID: A3LSMF926B |  | MEASUREMENT REPORT (CERTIFICATION) |  | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 269 of 309 |

6.6.3 Simultaneous Tx Radiated Spurious Emissions Measurements

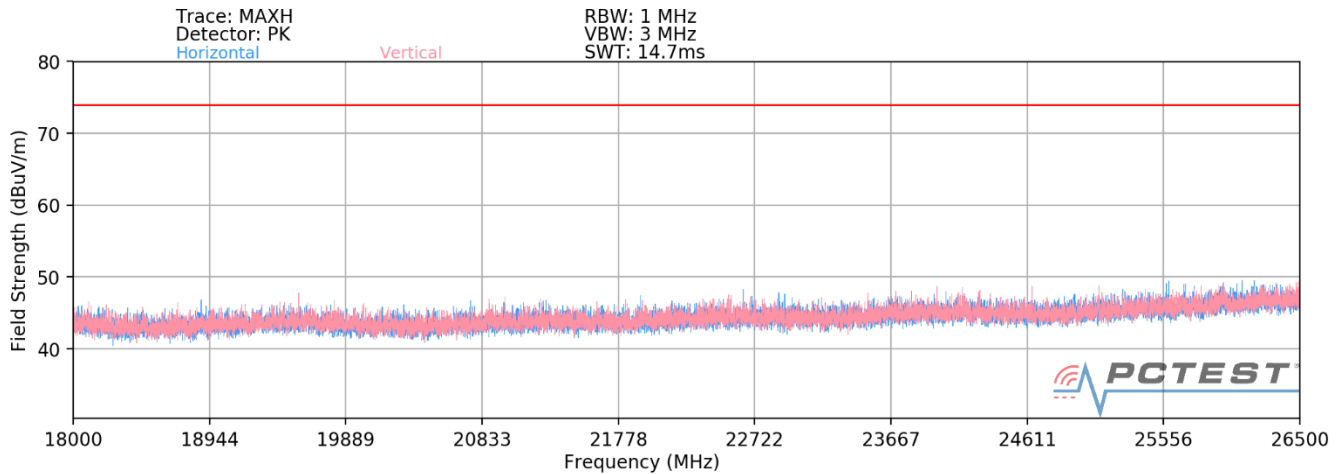
§15.407(b) §15.205 & §15.209; RSS-Gen [8.9]

| Description | 2.4 GHz Tx | 5 GHz Tx |
|---------------------------|------------|----------|
| Antenna | 1, 2 | 1, 2 |
| Channel | 11 | 120 |
| Operating Frequency (MHz) | 2462 | 5600 |
| Data Rate (Mbps) | 1 | MCS0 |
| Mode | 802.11b | 802.11ax |

Table 7-51. Simultaneous Transmission Config-1

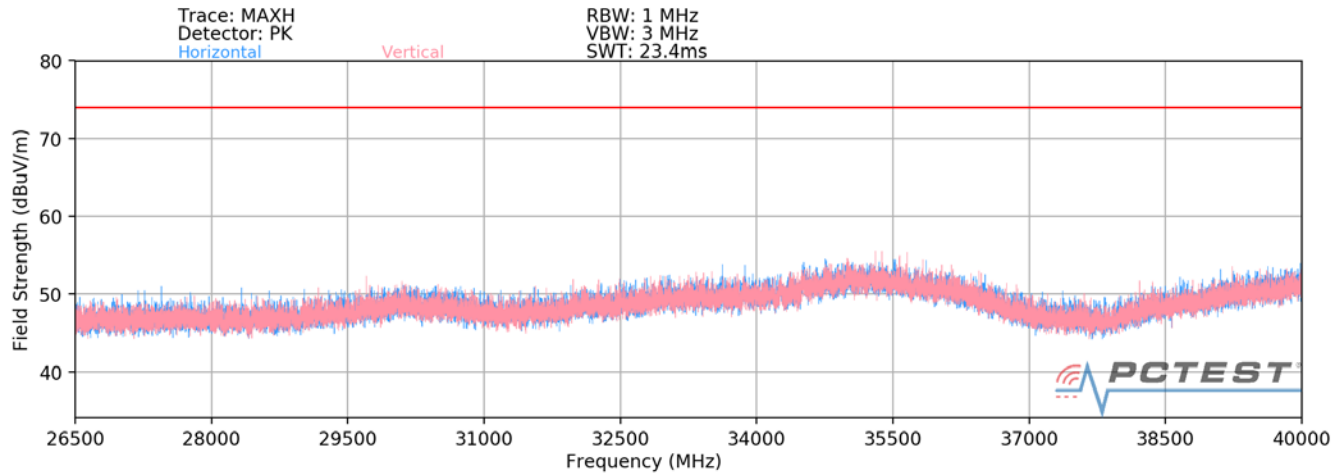


Plot 7-445. Radiated Spurious Plot above 1GHz (2.4GHz – 5GHz)



Plot 7-446. Radiated Spurious Plot 18GHz – 26.5GHz (2.4GHz – 5GHz)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 270 of 309 |



Plot 7-447. Radiated Spurious Plot above 26.5GHz (2.4GHz – 5GHz)

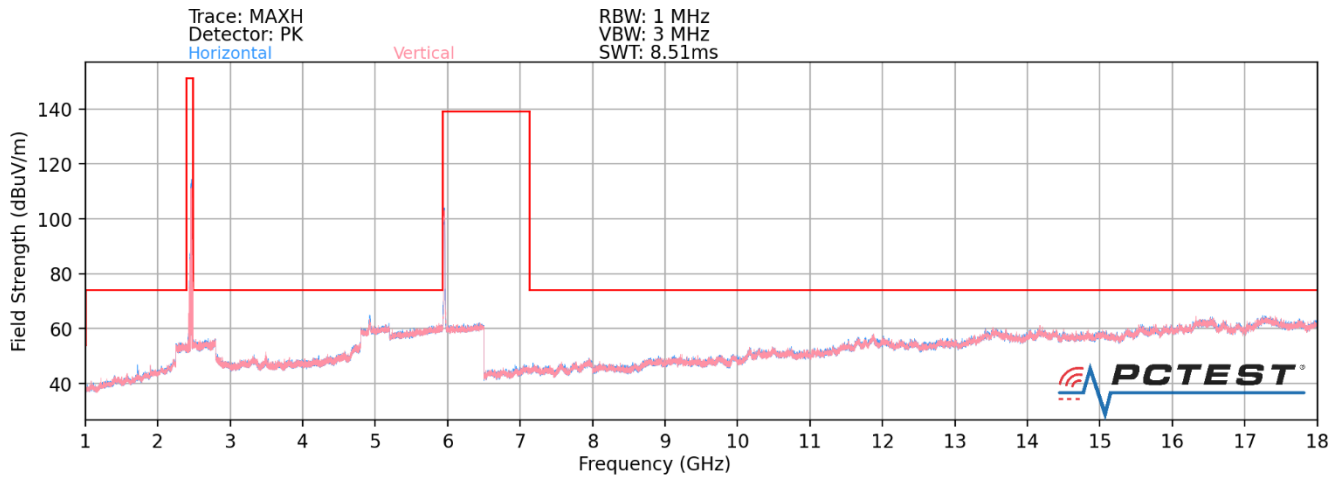
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Distance Correction Factor [dB] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|---------------------------------|-------------------------|----------------|-------------|
| 3814.00 | Avg | H | - | - | -80.98 | 9.08 | 0.00 | 35.10 | 53.98 | -18.88 |
| 3814.00 | Peak | H | - | - | -68.83 | 9.08 | 0.00 | 47.25 | 73.98 | -26.73 |
| 6952.00 | Avg | H | - | - | -82.76 | 15.86 | 0.00 | 40.10 | 53.98 | -13.88 |
| 6952.00 | Peak | H | - | - | -70.64 | 15.86 | 0.00 | 52.22 | 73.98 | -21.76 |
| 8738.00 | Avg | H | - | - | -83.56 | 18.43 | 0.00 | 41.87 | 53.98 | -12.11 |
| 8738.00 | Peak | H | - | - | -73.80 | 18.43 | 0.00 | 51.63 | 73.98 | -22.35 |
| 18152.00 | Avg | H | - | - | -65.35 | 3.67 | -9.54 | 35.78 | 53.98 | -18.20 |
| 18152.00 | Peak | H | - | - | -55.86 | 3.67 | -9.54 | 45.27 | 73.98 | -28.71 |

Table 7-52. Radiated Measurements (ANT1 2.4GHz – ANT2 5GHz)

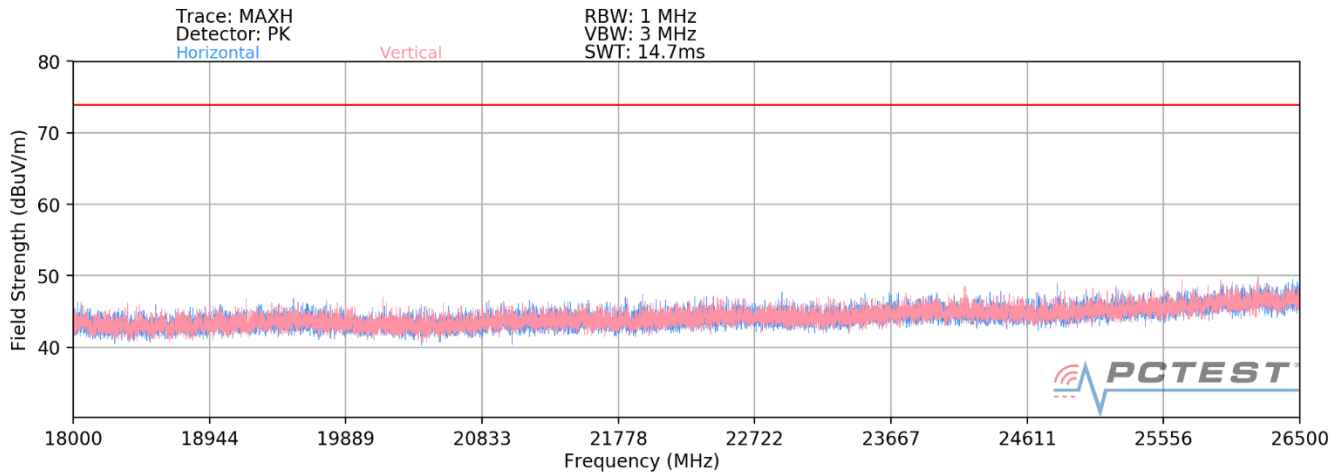
| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 271 of 309 |

| Description | 2.4 GHz Tx | 6 GHz Tx |
|---------------------------|------------|----------|
| Antenna | 1, 2 | 1, 2 |
| Channel | 11 | 2 |
| Operating Frequency (MHz) | 2462 | 5935 |
| Data Rate (Mbps) | 1 | MCS0 |
| Mode | 802.11b | 802.11ax |

Table 7-53. Simultaneous Transmission Config-2

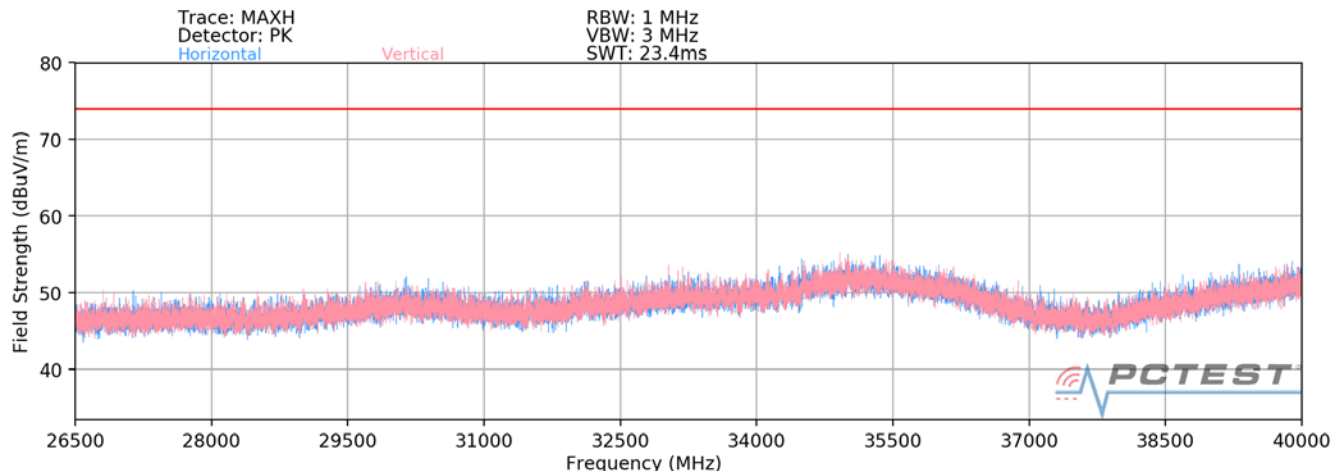


Plot 7-448. Radiated Spurious Plot above 1GHz (5GHz – 2.4 GHz)



Plot 7-449. Radiated Spurious Plot 18GHz – 26.5GHz (5GHz – 2.4 GHz)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 272 of 309 |



Plot 7-450. Radiated Spurious Plot above 26.5GHz (5GHz – 2.4 GHz)

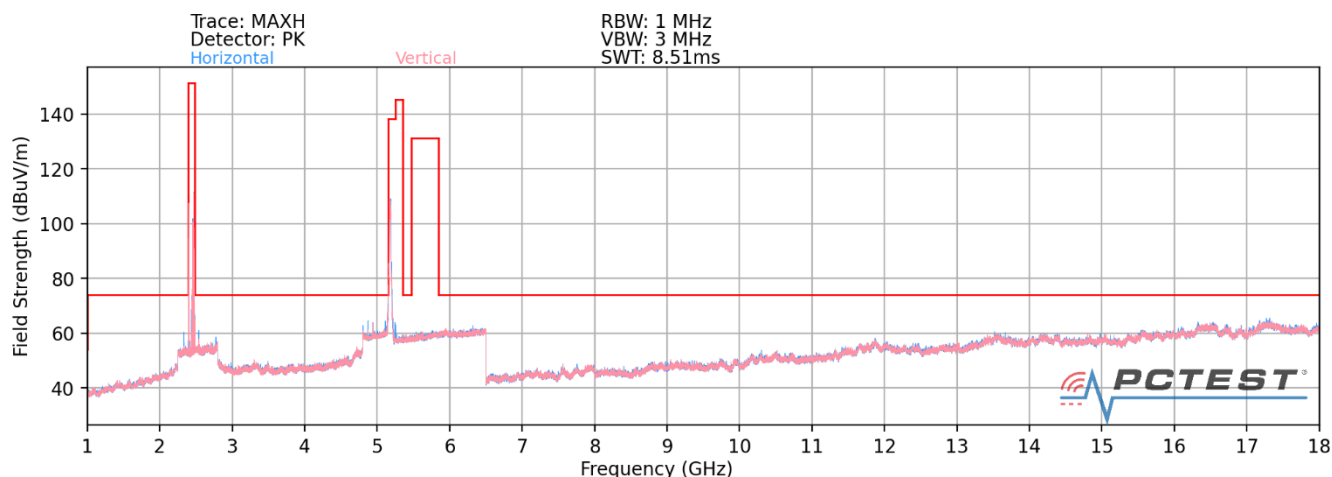
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Distance Correction Factor [dB] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|---------------------------------|-------------------------|----------------|-------------|
| 4524.00 | Avg | H | - | - | -81.21 | 10.06 | 0.00 | 35.85 | 53.98 | -18.13 |
| 4524.00 | Peak | H | - | - | -69.74 | 10.06 | 0.00 | 47.32 | 73.98 | -26.66 |
| 9448.00 | Avg | H | - | - | -84.11 | 19.66 | 0.00 | 42.55 | 53.98 | -11.43 |
| 9448.00 | Peak | H | - | - | -72.06 | 19.66 | 0.00 | 54.60 | 73.98 | -19.38 |
| 11510.00 | Avg | H | - | - | -84.65 | 23.81 | 0.00 | 46.16 | 53.98 | -7.82 |
| 11510.00 | Peak | H | - | - | -73.08 | 23.81 | 0.00 | 57.73 | 73.98 | -16.25 |
| 19927.00 | Avg | H | - | - | -65.46 | 4.35 | -9.54 | 36.35 | 53.98 | -17.63 |
| 19927.00 | Peak | H | - | - | -55.17 | 4.35 | -9.54 | 46.64 | 73.98 | -27.34 |

Table 7-54. Radiated Measurements (ANT1 5GHz – ANT2 2.4GHz)

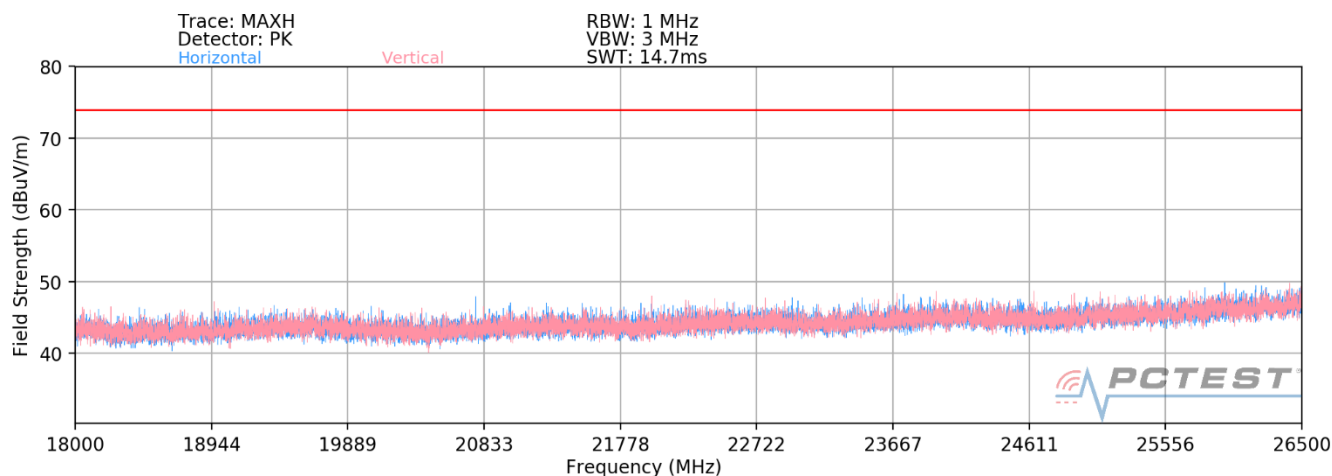
| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 273 of 309 |

| Description | Bluetooth | 2.4 GHz Tx | 5GHz Tx |
|---------------------------|-----------|------------|----------|
| Antenna | 1 | 2 | 1, 2 |
| Channel | 0 | 11 | 36 |
| Operating Frequency (MHz) | 2402 | 2462 | 5180 |
| Data Rate (Mbps) | 1 | 1 | MCS0 |
| Mode | GFSK | 802.11b | 802.11ax |

Table 7-55. Dual Band Simultaneous Transmission

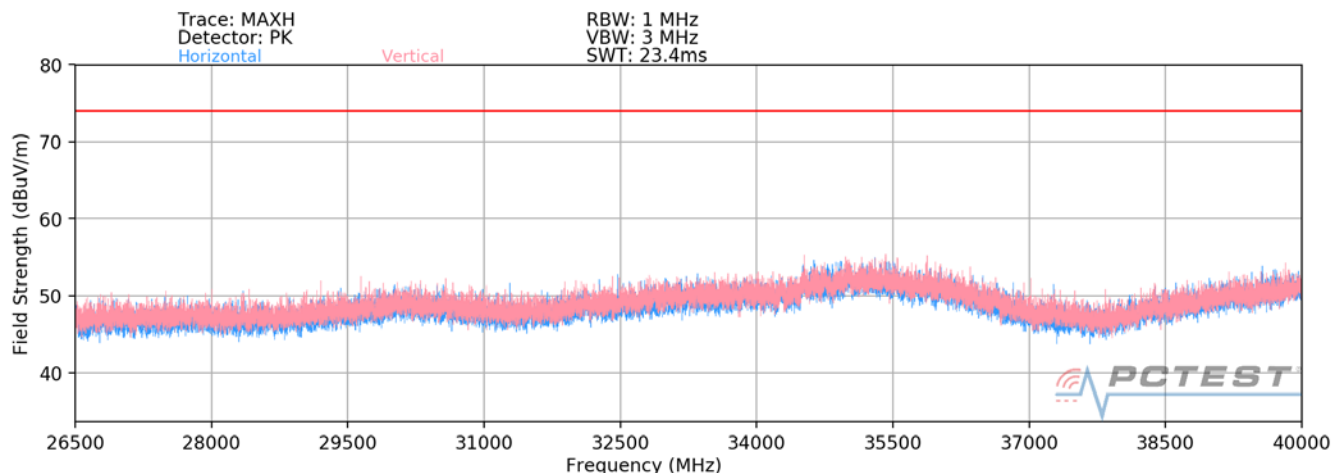


Plot 7-451. Radiated Spurious Plot above 1GHz (Dual Band Simult. Tx)



Plot 7-452. Radiated Spurious Plot 18GHz – 26.5GHz (Dual Band Simult. Tx)

| | | | | |
|---|---|---------------------------------------|---|-----------------------------------|
| FCC ID: A3LSMF926B |  | MEASUREMENT REPORT (CERTIFICATION) |  | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 274 of 309 |



Plot 7-453. Radiated Spurious Plot above 26.5GHz (Dual Band Simult. Tx)

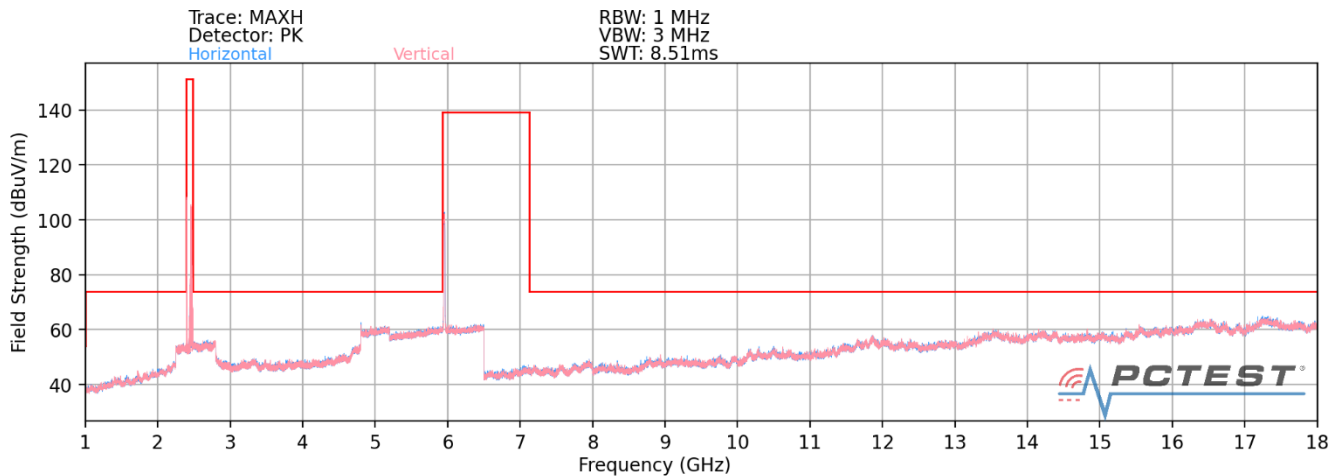
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Distance Correction Factor [dB] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|---------------------------------|-------------------------|----------------|-------------|
| 3094.00 | Avg | H | - | - | -80.21 | 7.14 | 0.00 | 33.93 | 53.98 | -20.05 |
| 3094.00 | Peak | H | - | - | -68.17 | 7.14 | 0.00 | 45.97 | 73.98 | -28.01 |
| 7898.00 | Avg | H | 101.00 | 66.00 | -82.54 | 17.49 | 0.00 | 41.95 | 53.98 | -12.03 |
| 7898.00 | Peak | H | 101.00 | 66.00 | -70.61 | 17.49 | 0.00 | 53.88 | 73.98 | -20.10 |
| 10676.00 | Avg | H | - | - | -83.84 | 21.16 | 0.00 | 44.32 | 53.98 | -9.66 |
| 10676.00 | Peak | H | - | - | -71.84 | 21.16 | 0.00 | 56.32 | 73.98 | -17.66 |
| 18212.00 | Avg | H | - | - | -65.31 | 3.84 | -9.54 | 35.99 | 53.98 | -17.99 |
| 18212.00 | Peak | H | - | - | -55.42 | 3.84 | -9.54 | 45.88 | 73.98 | -28.10 |

Table 7-56. Radiated Measurements (Dual Band Simult. Tx)

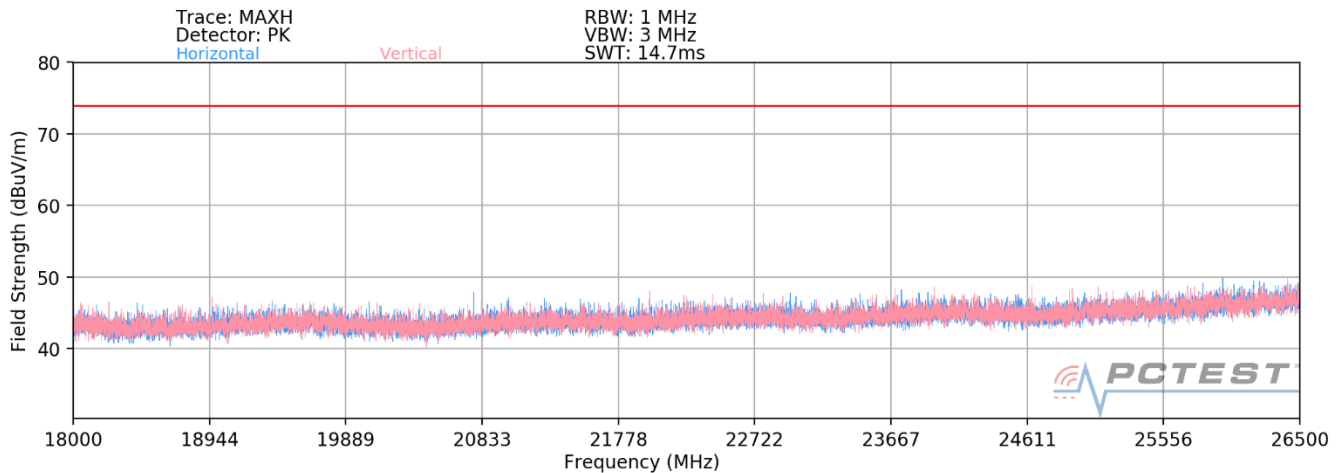
| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 275 of 309 |

| Description | Bluetooth | 2.4 GHz Tx | 6 GHz Tx |
|---------------------------|-----------|------------|----------|
| Antenna | 1 | 2 | 1, 2 |
| Channel | 0 | 11 | 2 |
| Operating Frequency (MHz) | 2402 | 2462 | 5935 |
| Data Rate (Mbps) | 1 | 1 | MCS0 |
| Mode | GFSK | 802.11b | 802.11ax |

Table 7-57. Dual Band Simultaneous Transmission Config – 4

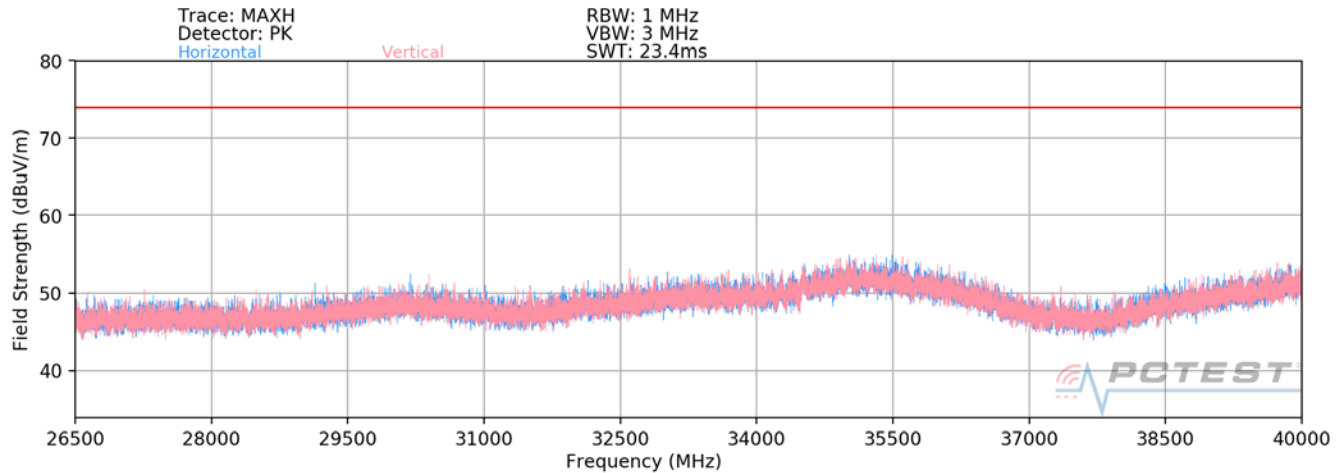


Plot 7-454. Radiated Spurious Plot above 1GHz (Dual Band Simult. Tx)



Plot 7-455. Radiated Spurious Plot 18GHz – 26.5GHz (Dual Band Simult. Tx)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 276 of 309 |



Plot 7-456. Radiated Spurious Plot above 26.5GHz (Dual Band Simult. Tx)

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Distance Correction Factor [dB] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|---------------------------------|-------------------------|----------------|-------------|
| 4704.00 | Avg | H | - | - | -81.18 | 10.04 | 0.00 | 35.86 | 53.98 | -18.12 |
| 4704.00 | Peak | H | - | - | -68.39 | 10.04 | 0.00 | 48.65 | 73.98 | -25.33 |
| 9448.00 | Avg | H | - | - | -83.74 | 19.01 | 0.00 | 42.27 | 53.98 | -11.71 |
| 9448.00 | Peak | H | - | - | -71.92 | 19.01 | 0.00 | 54.09 | 73.98 | -19.89 |
| 12941.00 | Avg | H | - | - | -84.68 | 25.59 | 0.00 | 47.91 | 53.98 | -6.07 |
| 12941.00 | Peak | H | - | - | -73.94 | 25.59 | 0.00 | 58.65 | 73.98 | -15.33 |
| 19987.00 | Avg | H | - | - | -65.65 | 4.21 | -9.54 | 36.02 | 74.98 | -38.96 |
| 19987.00 | Peak | H | - | - | -55.46 | 4.21 | -9.54 | 46.21 | 73.98 | -27.77 |

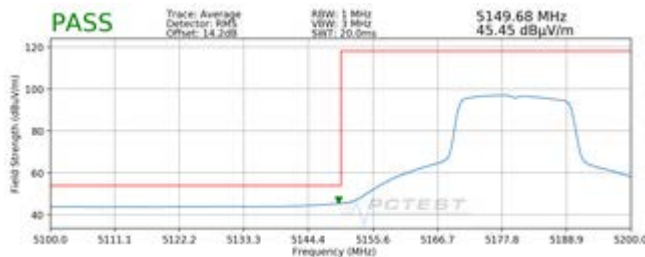
Table 7-58. Radiated Measurements (Dual Band Simult. Tx)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 277 of 309 |

6.6.4 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: | 802.11ax SU |
| Worst Case Transfer Rate: | MCS0 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 5180MHz |
| Channel: | 36 |

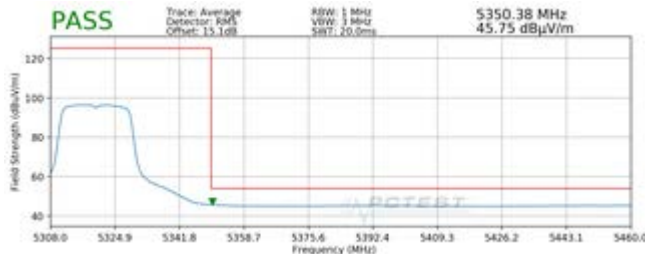


Plot 7-457. Radiated Lower Band Edge Plot (Average – UNII Band 1)

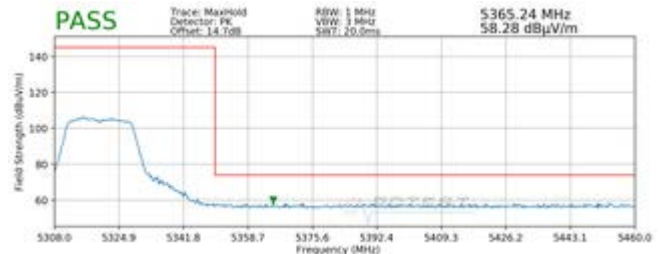


Plot 7-458. Radiated Lower Band Edge Plot (Peak – UNII Band 1)

| | |
|---------------------------|----------|
| Worst Case Mode: | 802.11ac |
| Worst Case Transfer Rate: | MCS0 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 5320MHz |
| Channel: | 64 |



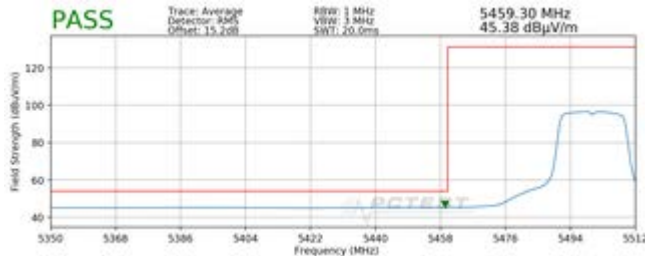
Plot 7-459. Radiated Upper Band Edge Plot (Average – UNII Band 2A)



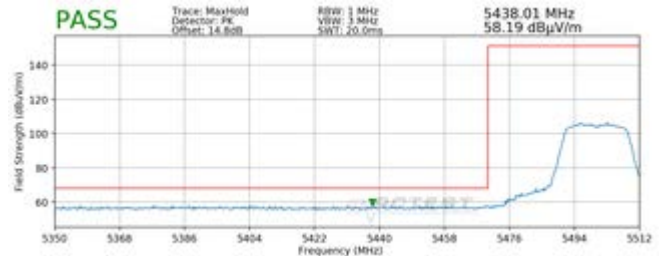
Plot 7-460. Radiated Upper Band Edge Plot (Peak – UNII Band 2A)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 278 of 309 |

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

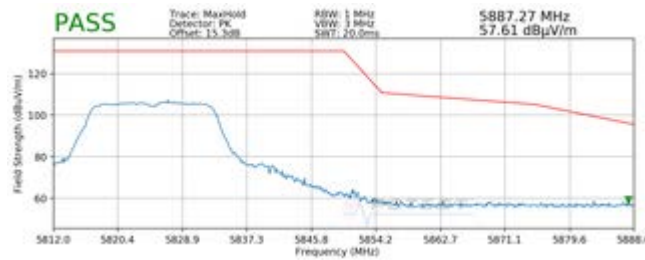


Plot 7-461. Radiated Lower Band Edge Plot (Average – UNII Band 2C)



Plot 7-462. Radiated Lower Band Edge Plot (Peak – UNII Band 2C)

Worst Case Mode: 802.11a
Worst Case Transfer Rate: 6Mbps
Distance of Measurements: 3 Meters
Operating Frequency: 5825MHz
Channel: 165



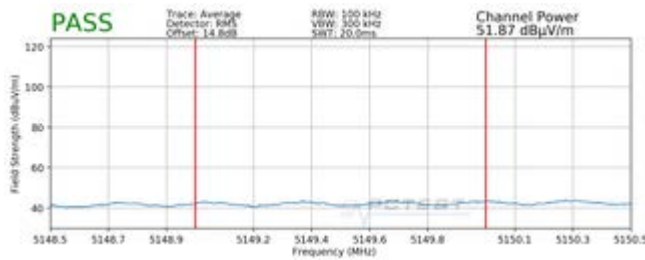
Plot 7-463. Radiated Upper Band Edge Plot (Peak – UNII Band 3)

| | | | | |
|---|--|---|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 279 of 309 |

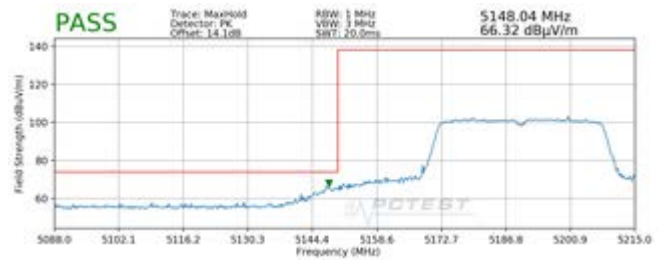
6.6.5 SISO Antenna 1 - Radiated Band Edge Measurements (40MHz BW)

§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]; RSS-Gen [8.9]

| | |
|---------------------------|----------|
| Worst Case Mode: | 802.11ac |
| Worst Case Transfer Rate: | MCS0 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 5190MHz |
| Channel: | 38 |

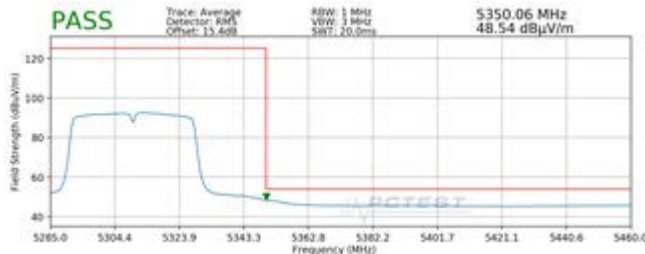


Plot 7-464. Radiated Lower Band Edge Plot (Average – UNII Band 1)

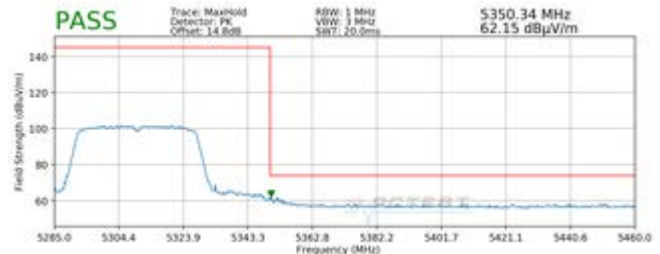


Plot 7-465. Radiated Lower Band Edge Plot (Peak – UNII Band 1)

| | |
|---------------------------|----------|
| Worst Case Mode: | 802.11ac |
| Worst Case Transfer Rate: | MCS0 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 5310MHz |
| Channel: | 62 |



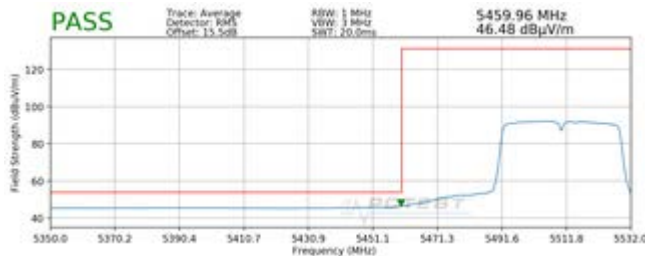
Plot 7-466. Radiated Upper Band Edge Plot (Average – UNII Band 2A)



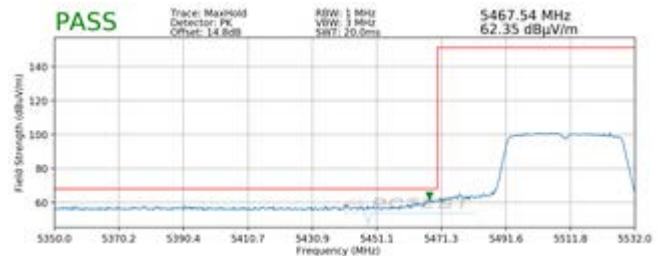
Plot 7-467. Radiated Upper Band Edge Plot (Peak – UNII Band 2A)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 280 of 309 |

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 5510MHz
Channel: 102

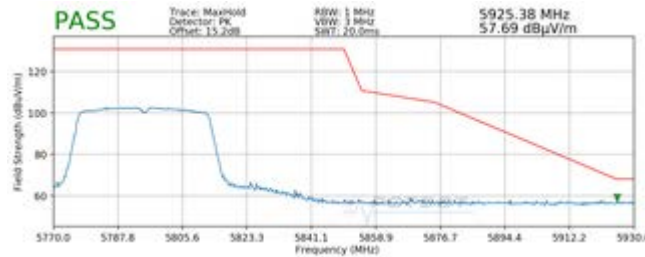


Plot 7-468. Radiated Lower Band Edge Plot (Average – UNII Band 2C)



Plot 7-469. Radiated Lower Band Edge Plot (Peak – UNII Band 2C)

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 5755MHz
Channel: 159



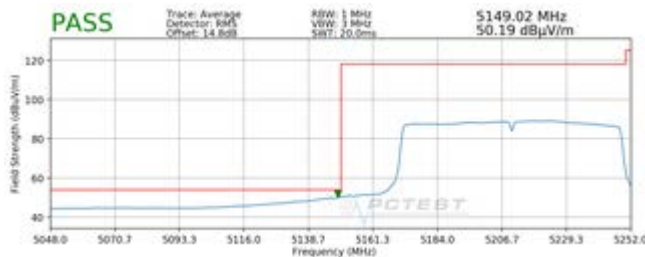
Plot 7-470. Radiated Upper Band Edge Plot (Peak – UNII Band 3)

| | | | | |
|---|---|---------------------------------------|---|-----------------------------------|
| FCC ID: A3LSMF926B |  | MEASUREMENT REPORT (CERTIFICATION) |  | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 281 of 309 |

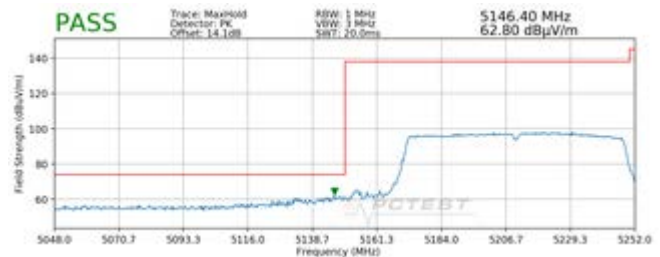
6.6.6 SISO Antenna 1 - Radiated Band Edge Measurements (80MHz BW)

§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]; RSS-Gen [8.9]

| | |
|---------------------------|----------|
| Worst Case Mode: | 802.11ac |
| Worst Case Transfer Rate: | MCS0 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 5210MHz |
| Channel: | 42 |

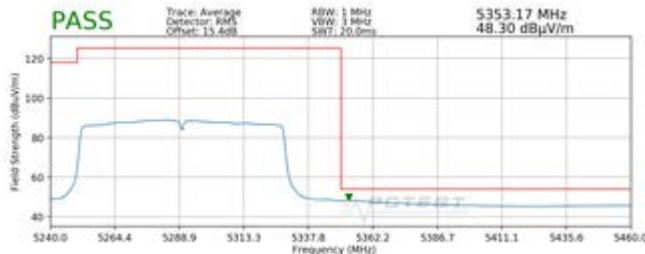


Plot 7-471. Radiated Lower Band Edge Plot (Average – UNII Band 1)

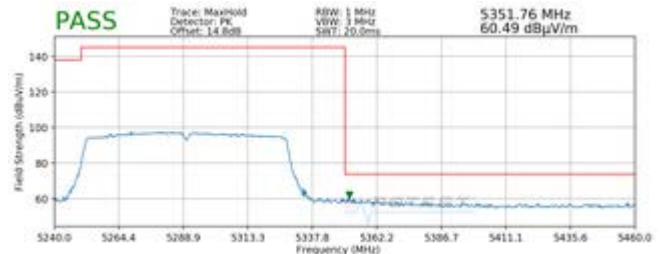


Plot 7-472. Radiated Lower Band Edge Plot (Peak – UNII Band 1)

| | |
|---------------------------|----------|
| Worst Case Mode: | 802.11ac |
| Worst Case Transfer Rate: | MCS0 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 5290MHz |
| Channel: | 58 |



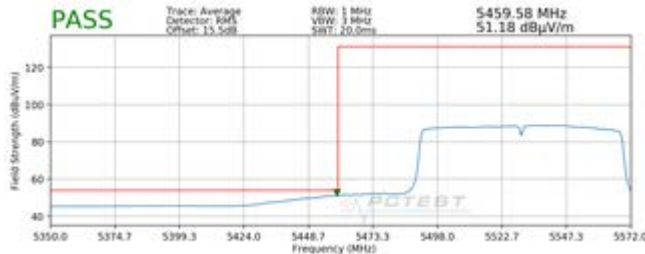
Plot 7-473. Radiated Upper Band Edge Plot (Average – UNII Band 2A)



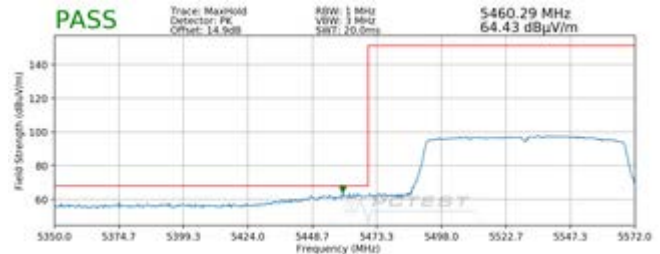
Plot 7-474. Radiated Upper Band Edge Plot (Peak – UNII Band 2A)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 282 of 309 |

Worst Case Mode: 802.11ac
Worst Case Transfer Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 5530MHz
Channel: 106

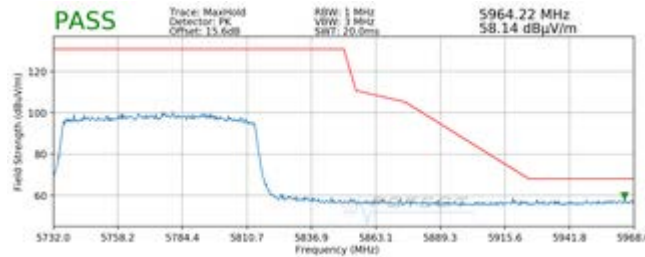


Plot 7-475. Radiated Lower Band Edge Plot (Average – UNII Band 2C)



Plot 7-476. Radiated Lower Band Edge Plot (Peak – UNII Band 2C)

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



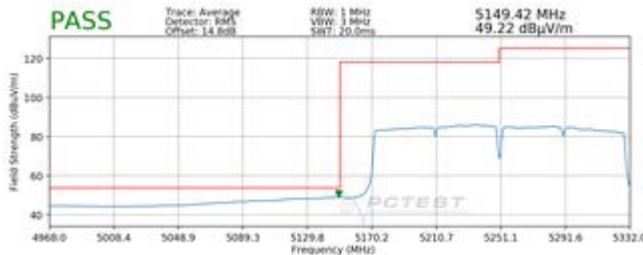
Plot 7-477. Radiated Upper Band Edge Plot (Peak – UNII Band 3)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 283 of 309 |

6.6.7 SISO Antenna 1 - Radiated Band Edge Measurements (160MHz BW)

§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]; RSS-Gen [8.9]

| | |
|---------------------------|----------|
| Worst Case Mode: | 802.11ac |
| Worst Case Transfer Rate: | MCS0 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 5250MHz |
| Channel: | 50 |

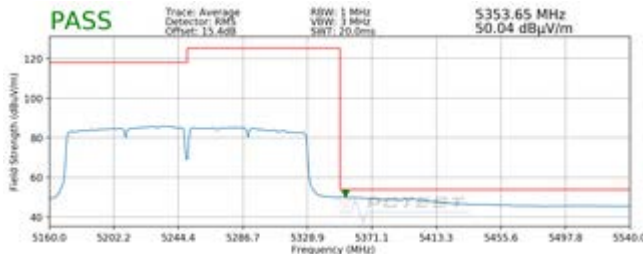


Plot 7-478. Radiated Lower Band Edge Plot (Average – UNII Band 1)

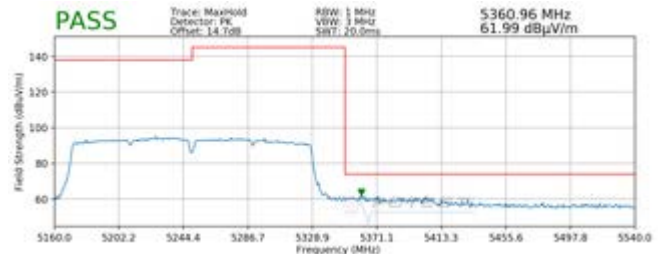


Plot 7-479. Radiated Lower Band Edge Plot (Peak – UNII Band 1)

| | |
|---------------------------|----------|
| Worst Case Mode: | 802.11ac |
| Worst Case Transfer Rate: | MCS0 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 5250MHz |
| Channel: | 50 |



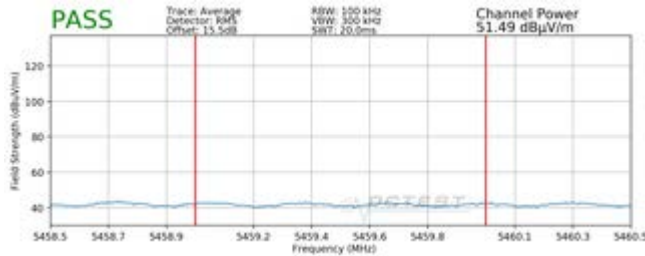
Plot 7-480. Radiated Upper Band Edge Plot (Average – UNII Band 2A)



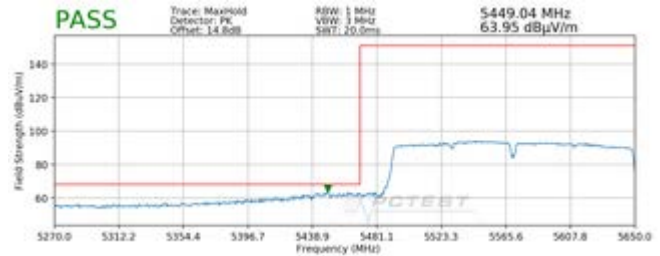
Plot 7-481. Radiated Upper Band Edge Plot (Peak – UNII Band 2A)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 284 of 309 |

Worst Case Mode: 802.11ac
Worst Case Transfer Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 5570MHz
Channel: 114



**Plot 7-482. Radiated Lower Band Edge Plot
(Average – UNII Band 2C)**



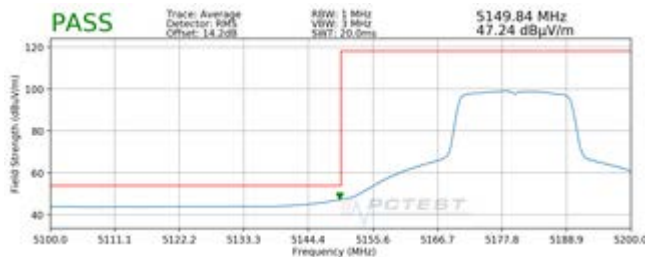
**Plot 7-483. Radiated Lower Band Edge Plot (Peak
– UNII Band 2C)**

| | | | | |
|---|--|---|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 285 of 309 |

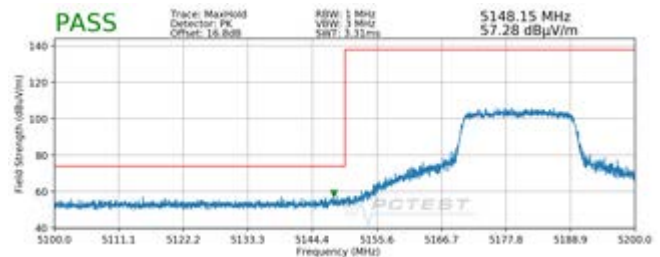
6.6.8 MIMO Radiated Band Edge Measurements (20MHz BW)

§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]; RSS-Gen [8.9]

| | |
|---------------------------|-------------|
| Worst Case Mode: | 802.11ax SU |
| Worst Case Transfer Rate: | MCS0 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 5180MHz |
| Channel: | 36 |

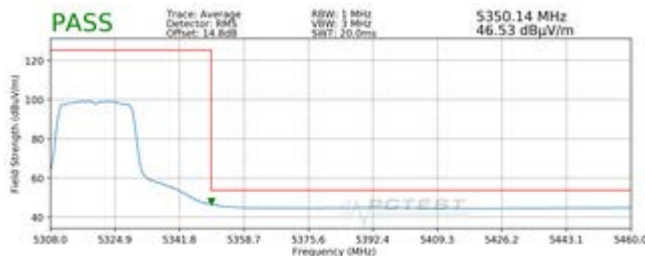


Plot 7-484. Radiated Lower Band Edge Plot (Average – UNII Band 1)

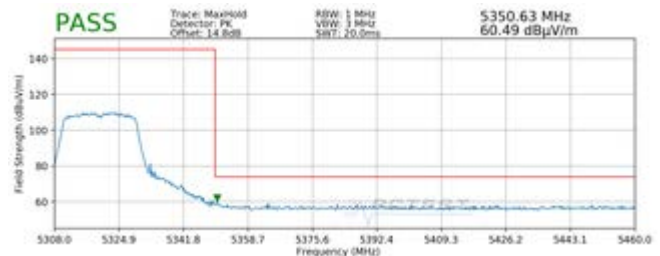


Plot 7-485. Radiated Lower Band Edge Plot (Peak – UNII Band 1)

| | |
|---------------------------|-------------|
| Worst Case Mode: | 802.11ax SU |
| Worst Case Transfer Rate: | MCS0 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 5320MHz |
| Channel: | 64 |



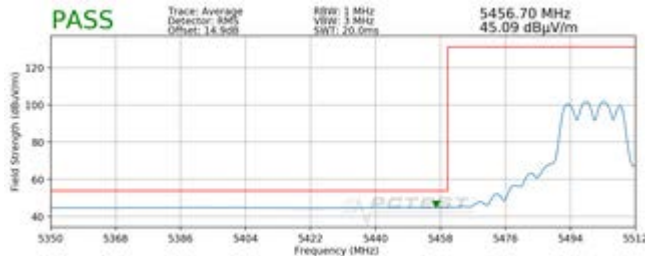
Plot 7-486. Radiated Upper Band Edge Plot (Average – UNII Band 2A)



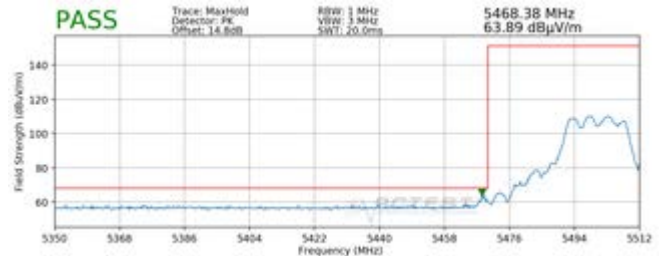
Plot 7-487. Radiated Upper Band Edge Plot (Peak – UNII Band 2A)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 286 of 309 |

Worst Case Mode: 802.11a
Worst Case Transfer Rate: 6Mbps
Distance of Measurements: 3 Meters
Operating Frequency: 5500MHz
Channel: 100

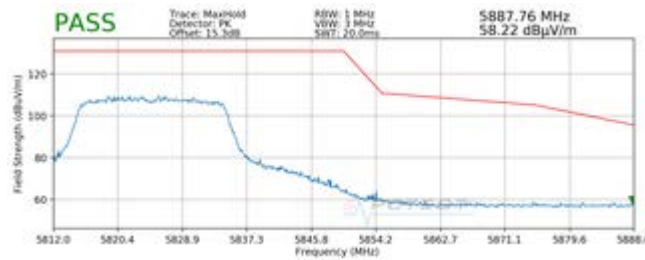


Plot 7-488. Radiated Lower Band Edge Plot (Average – UNII Band 2C)



Plot 7-489. Radiated Lower Band Edge Plot (Peak – UNII Band 2C)

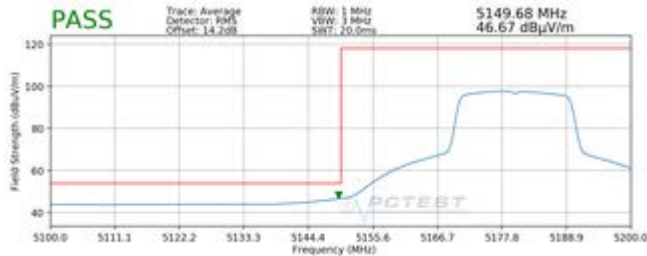
Worst Case Mode: 802.11ax
Worst Case Transfer Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 5825MHz
Channel: 165



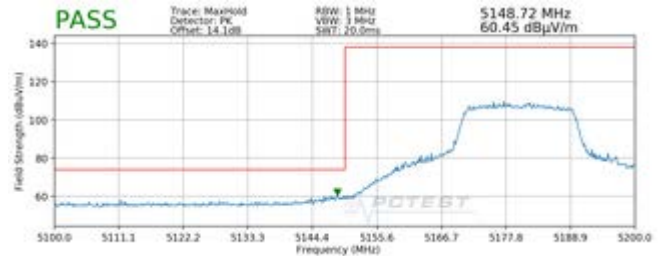
Plot 7-490. Radiated Upper Band Edge Plot (Peak – UNII Band 3)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 287 of 309 |

Worst Case Mode: 802.11ax SU
Worst Case Transfer Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 5180MHz
Channel: 36



Plot 7-491. Radiated Lower Band Edge Plot with WCP (Average – UNII Band 1)



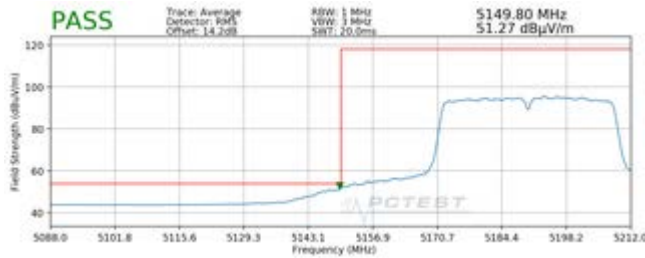
Plot 7-492. Radiated Lower Band Edge Plot with WCP (Peak – UNII Band 1)

| | | | | |
|---|--|---|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 288 of 309 |

6.6.9 MIMO Radiated Band Edge Measurements (40MHz BW)

§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]; RSS-Gen [8.9]

| | |
|---------------------------|----------|
| Worst Case Mode: | 802.11ac |
| Worst Case Transfer Rate: | MCS0 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 5190MHz |
| Channel: | 38 |

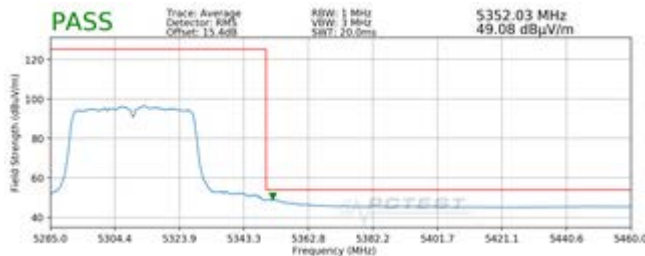


Plot 7-493. Radiated Lower Band Edge Plot (Average – UNII Band 1)

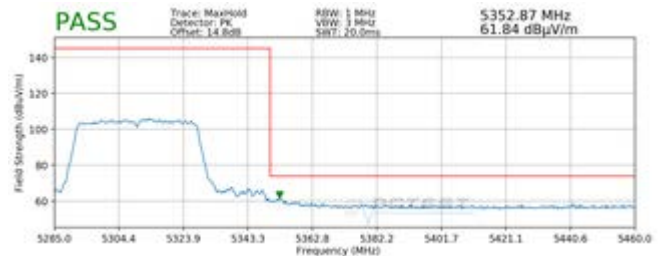


Plot 7-494. Radiated Lower Band Edge Plot (Peak – UNII Band 1)

| | |
|---------------------------|----------|
| Worst Case Mode: | 802.11ac |
| Worst Case Transfer Rate: | MCS0 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 5310MHz |
| Channel: | 62 |



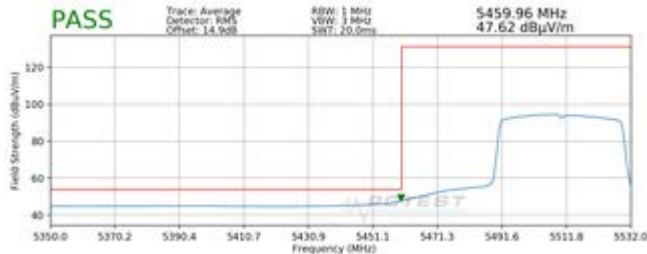
Plot 7-495. Radiated Upper Band Edge Plot (Average – UNII Band 2A)



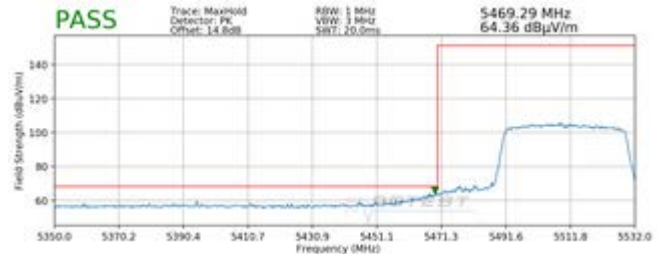
Plot 7-496. Radiated Upper Band Edge Plot (Peak – UNII Band 2A)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 289 of 309 |

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

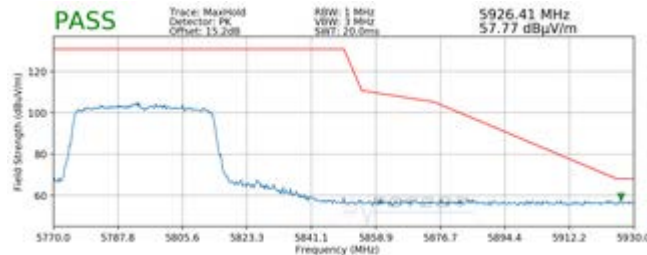


Plot 7-497. Radiated Lower Band Edge Plot (Average – UNII Band 2C)



Plot 7-498. Radiated Lower Band Edge Plot (Peak – UNII Band 2C)

Worst Case Mode: 802.11ax SU
Worst Case Transfer Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 5755MHz
Channel: 159



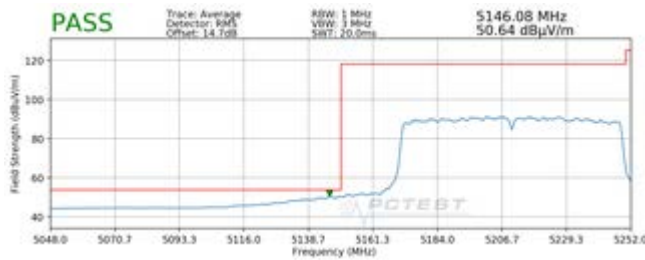
Plot 7-499. Radiated Upper Band Edge Plot (Peak – UNII Band 3)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 290 of 309 |

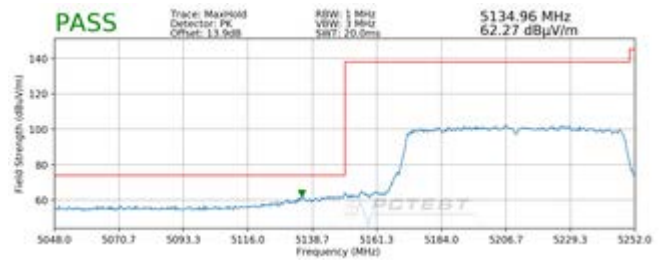
6.6.10 MIMO Radiated Band Edge Measurements (80MHz BW)

§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]; RSS-Gen [8.9]

| | |
|---------------------------|----------|
| Worst Case Mode: | 802.11ac |
| Worst Case Transfer Rate: | MCS0 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 5210MHz |
| Channel: | 42 |

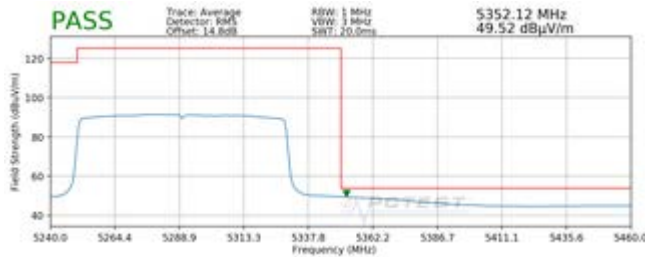


Plot 7-500. Radiated Lower Band Edge Plot (Average – UNII Band 1)

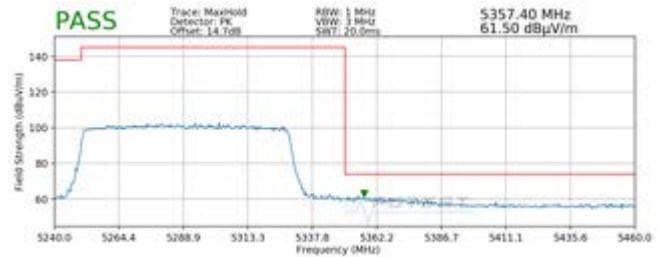


Plot 7-501. Radiated Lower Band Edge Plot (Peak – UNII Band 1)

| | |
|---------------------------|-------------|
| Worst Case Mode: | 802.11ax SU |
| Worst Case Transfer Rate: | MCS0 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 5290MHz |
| Channel: | 58 |



Plot 7-502. Radiated Upper Band Edge Plot (Average – UNII Band 2A)



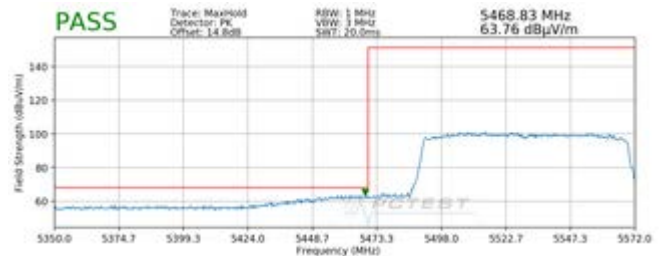
Plot 7-503. Radiated Upper Band Edge Plot (Peak – UNII Band 2A)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 291 of 309 |

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

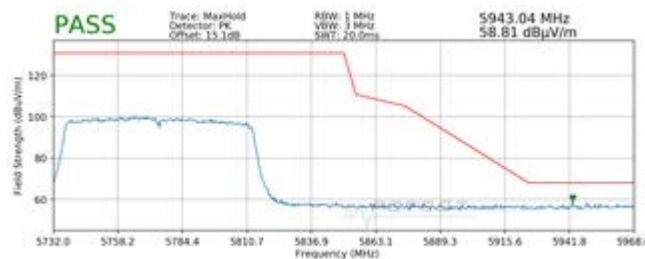


Plot 7-504. Radiated Lower Band Edge Plot (Average – UNII Band 2C)



Plot 7-505. Radiated Lower Band Edge Plot (Peak – UNII Band 2C)

Worst Case Mode: 802.11ac
Worst Case Transfer Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 5775MHz
Channel: 155

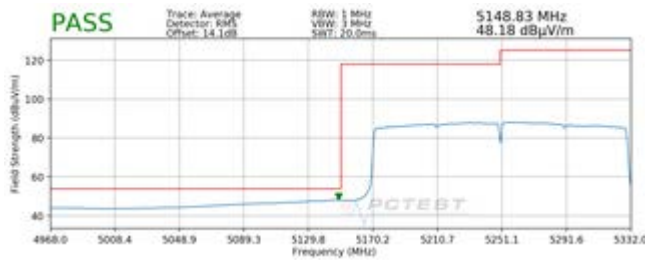


Plot 7-506. Radiated Upper Band Edge Plot (Peak – UNII Band 3)

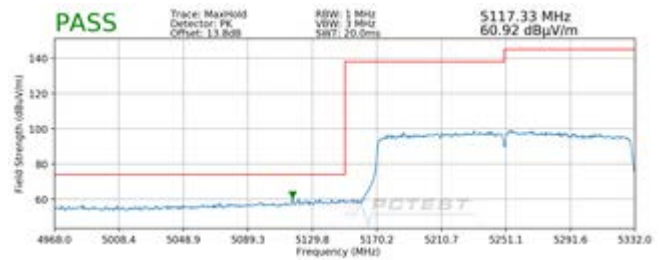
| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 292 of 309 |

6.6.11 MIMO Radiated Band Edge Measurements (160MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]; RSS-Gen [8.9]

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

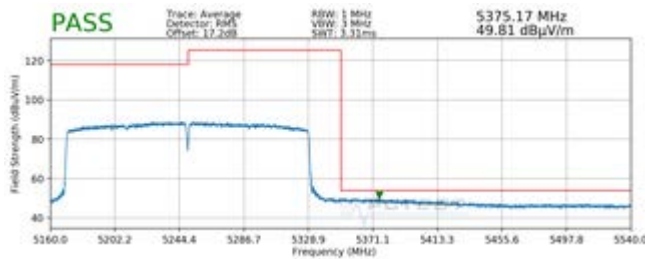


Plot 7-507. Radiated Lower Band Edge Plot (Average – UNII Band 1)

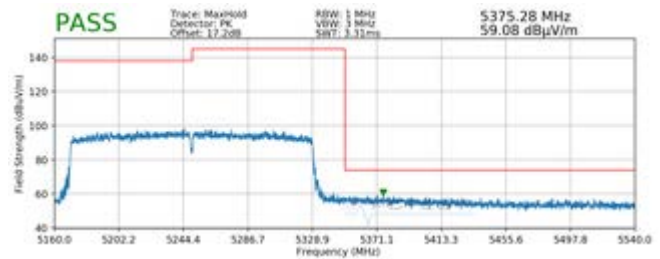


Plot 7-508. Radiated Lower Band Edge Plot (Peak – UNII Band 1)

Worst Case Mode: 802.11a
Worst Case Transfer Rate: 6Mbps
Distance of Measurements: 3 Meters
Operating Frequency: 5250MHz
Channel: 50



Plot 7-509. Radiated Upper Band Edge Plot (Average – UNII Band 2A)

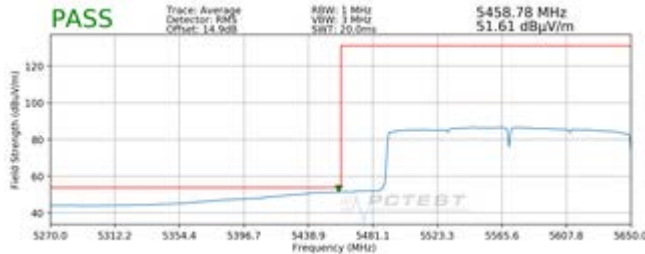


Plot 7-510. Radiated Upper Band Edge Plot (Peak – UNII Band 2A)

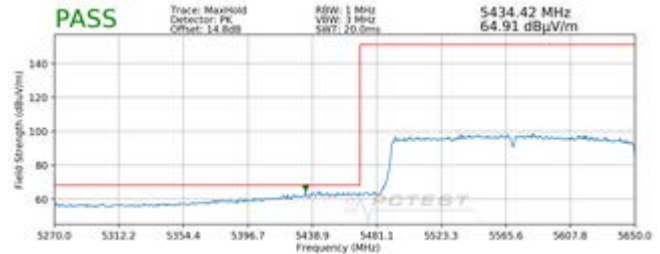
Worst Case Mode: 802.11ax

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 293 of 309 |

| | |
|---------------------------|----------|
| Worst Case Transfer Rate: | MCS0 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 5570MHz |
| Channel: | 114 |



**Plot 7-511. Radiated Lower Band Edge Plot
(Average – UNII Band 2C)**



**Plot 7-512. Radiated Lower Band Edge Plot (Peak
– UNII Band 2C)**

| | | | | |
|--|---|---|---|--|
| FCC ID: A3LSMF926B |  | MEASUREMENT REPORT (CERTIFICATION) |  | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 294 of 309 |

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 7-61 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 7-59. 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
6. Trace was allowed to stabilize

| | | | | |
|---|---|---------------------------------------|---|-----------------------------------|
| FCC ID: A3LSMF926B |  | MEASUREMENT REPORT (CERTIFICATION) |  | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 295 of 309 |

Test Setup

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

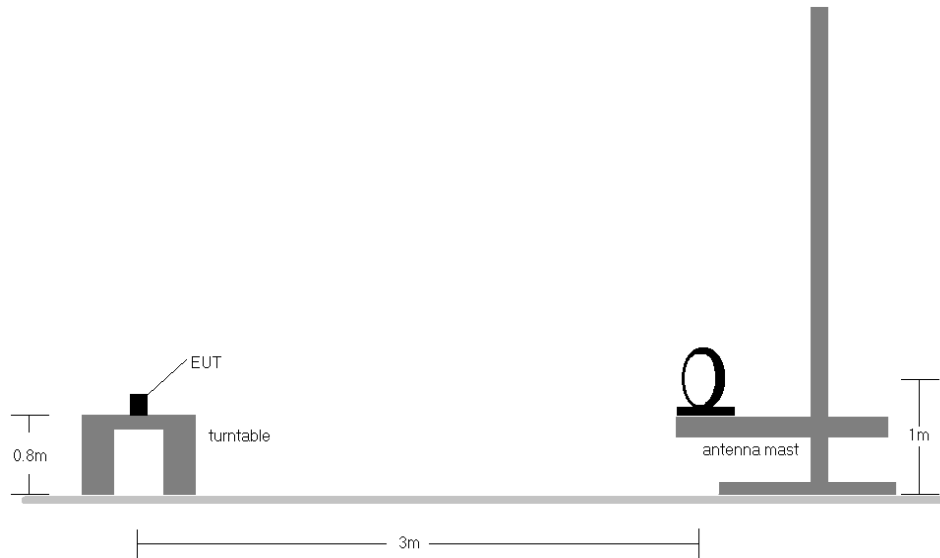


Figure 7-6. Radiated Test Setup < 30MHz

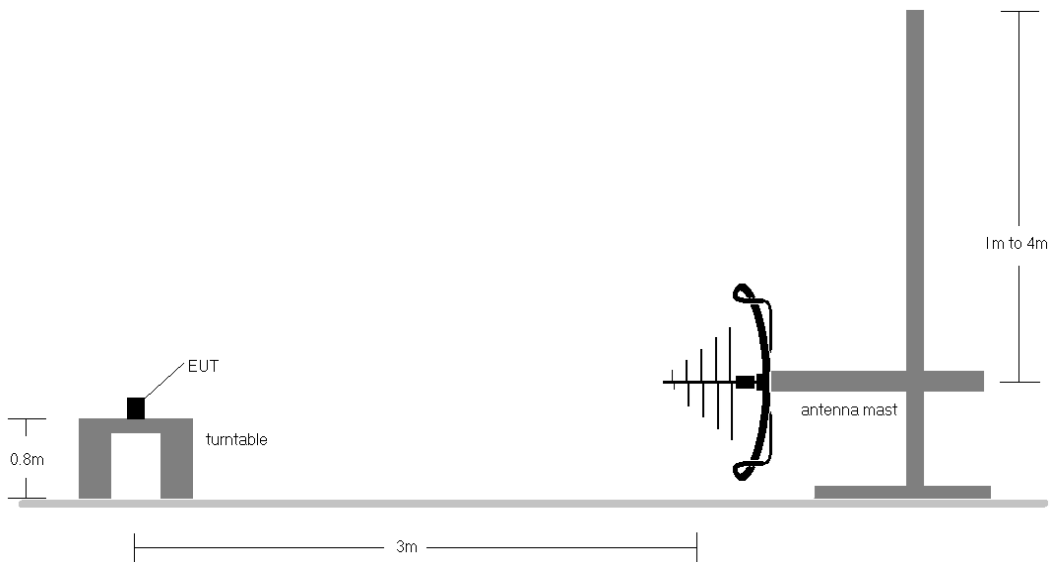


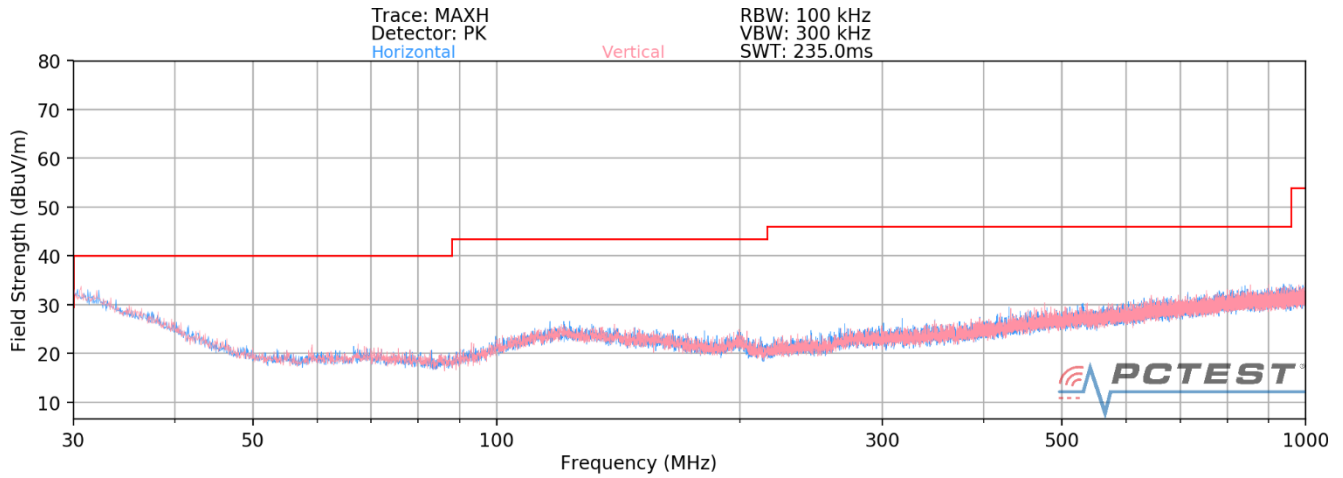
Figure 7-7. Radiated Test Setup < 1GHz

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 296 of 309 |

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 7-61.
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.
9. 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.

| | | | |
|--|---|---|--|
| FCC ID: A3LSMF926B |  MEASUREMENT REPORT (CERTIFICATION) |  | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | Page 297 of 309 |



Plot 7-513. Radiated Spurious Plot below 1GHz (802.11a)

| | | | | |
|---|--|---|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 298 of 309 |

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

Table 7-60. Conducted Limits

*Decreases with the logarithm of the frequency.

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
6. Trace was allowed to stabilize

| | | | | |
|---|---|---------------------------------------|---|-----------------------------------|
| FCC ID: A3LSMF926B |  | MEASUREMENT REPORT (CERTIFICATION) |  | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 299 of 309 |

Test Setup

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

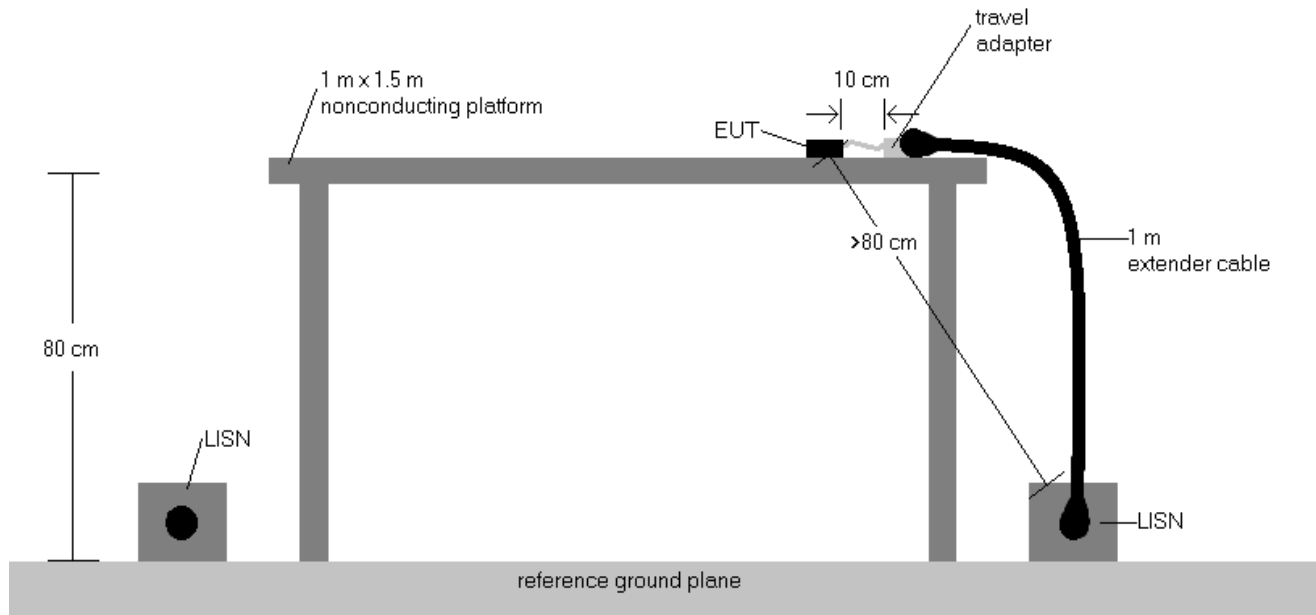
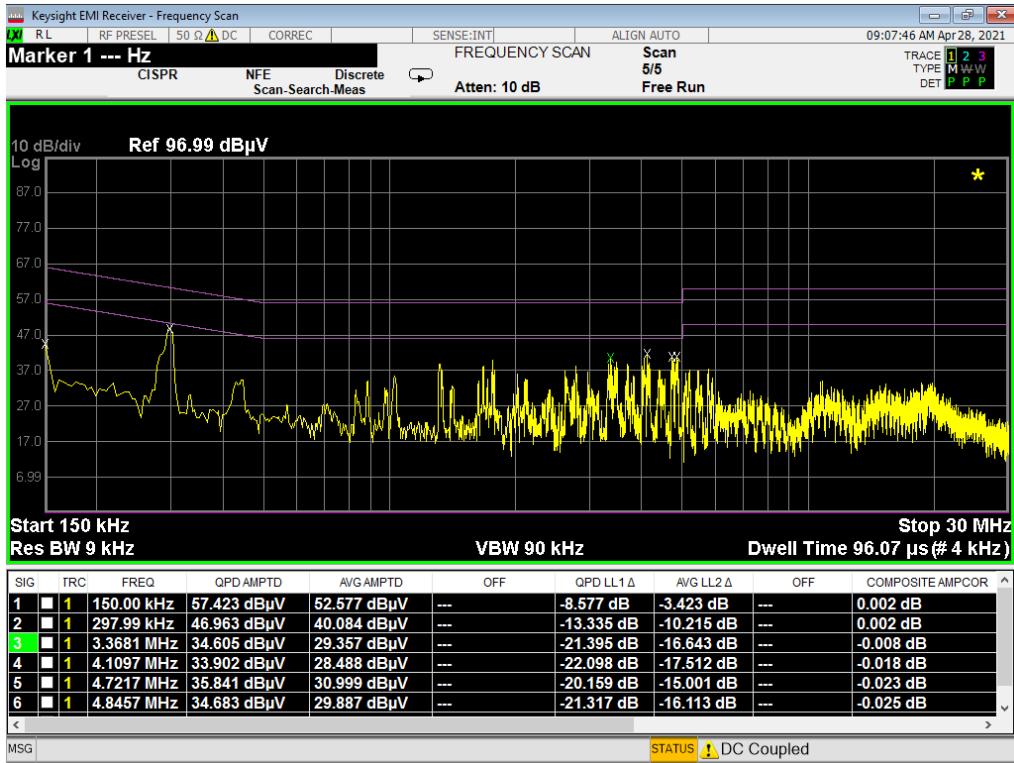


Figure 7-8. Test Instrument & Measurement Setup

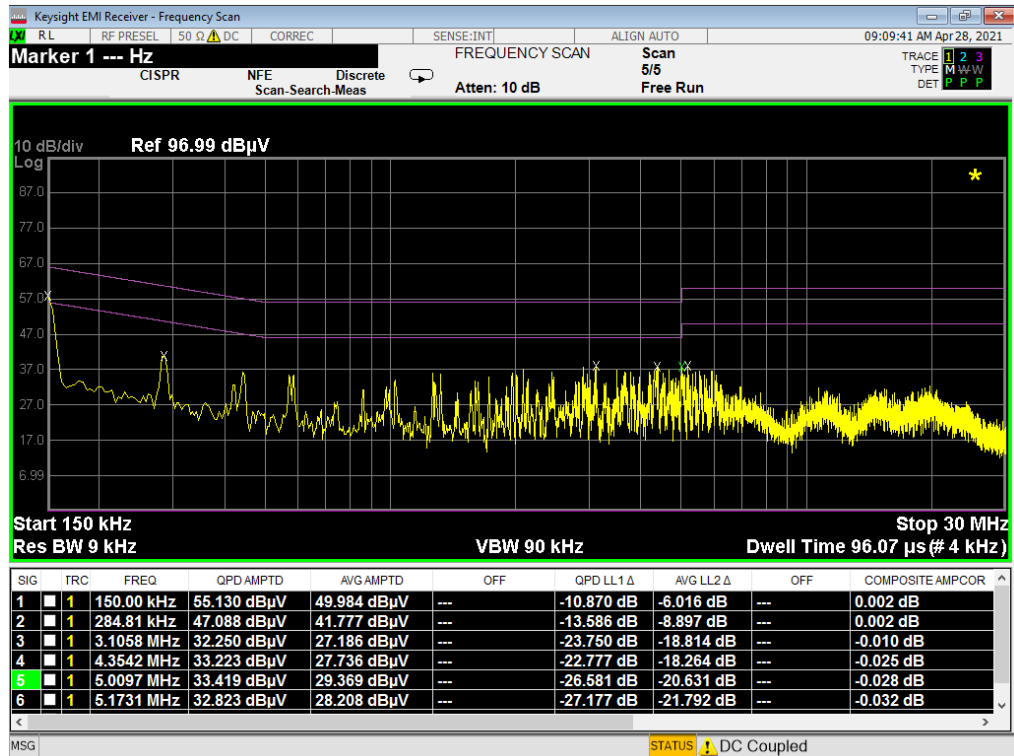
Test Notes

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

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 300 of 309 |

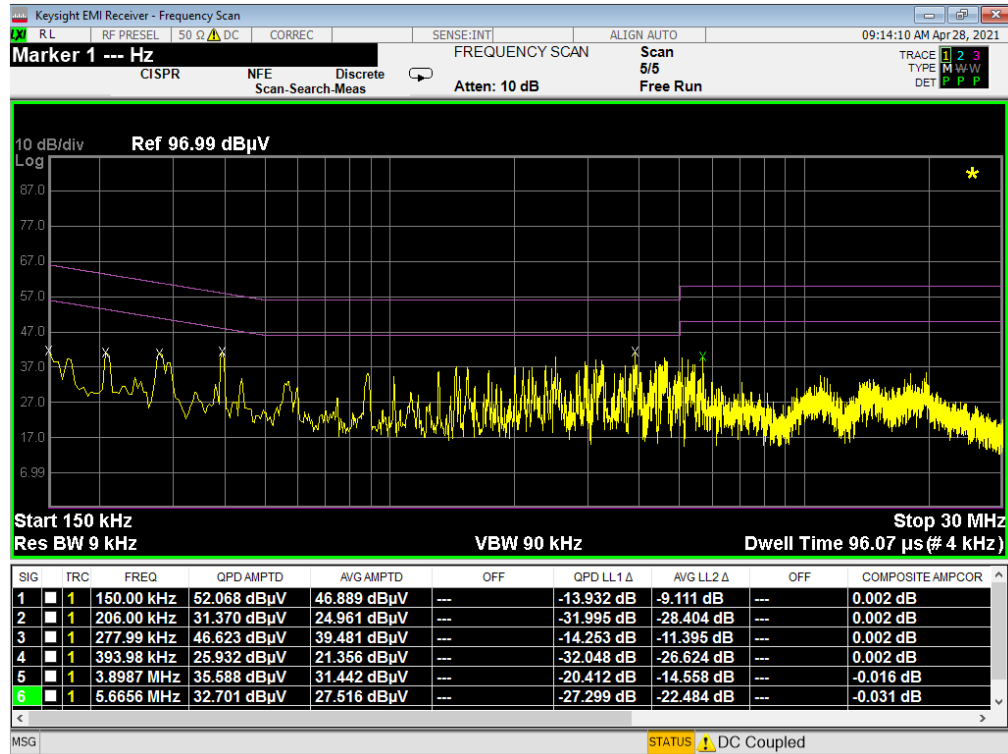


Plot 7-514. Line Conducted Plot with 802.11a UNII Band 1 (L1)

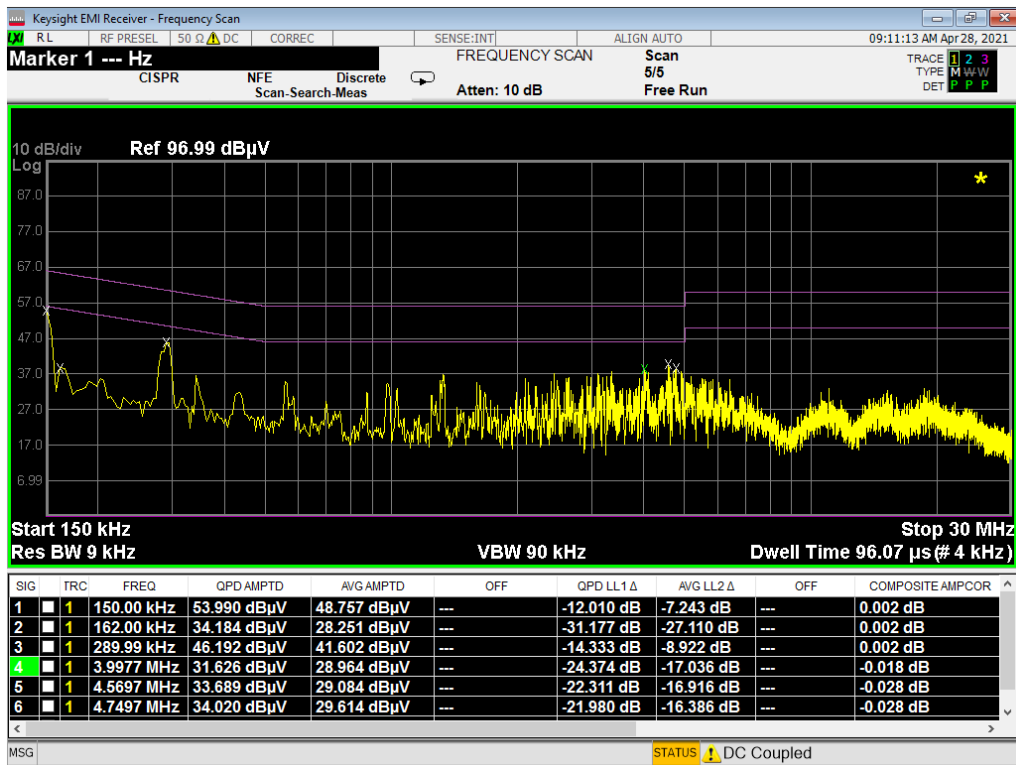


Plot 7-515. Line Conducted Plot with 802.11a UNII Band 1 (N)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 301 of 309 |

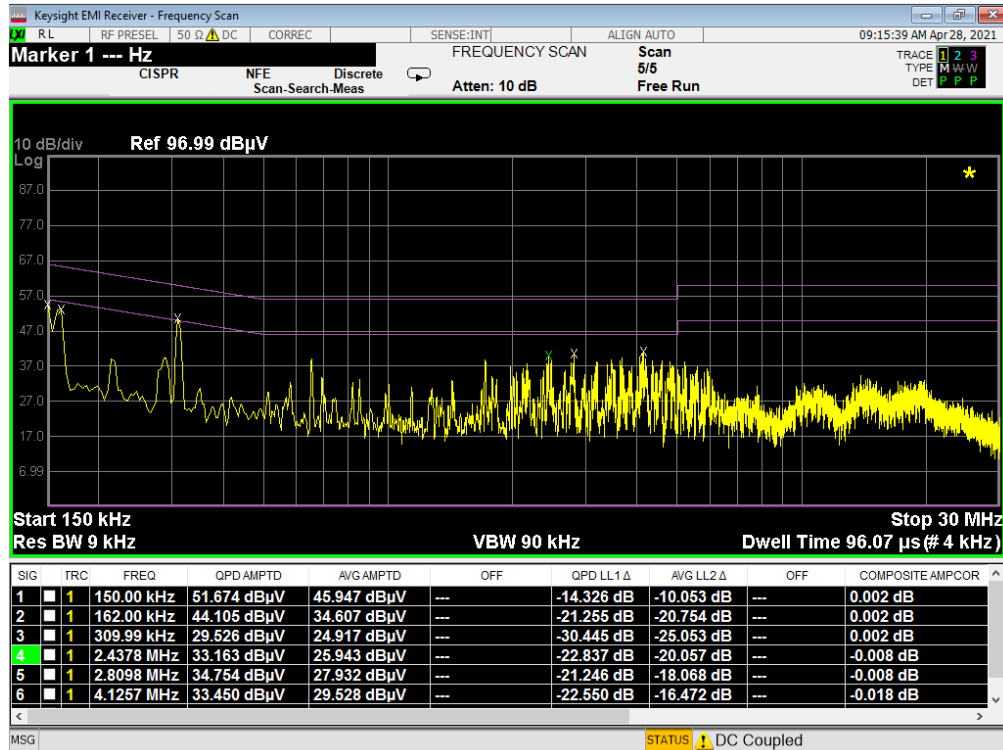


Plot 7-516. Line Conducted Plot with 802.11a UNII Band 2A (L1)

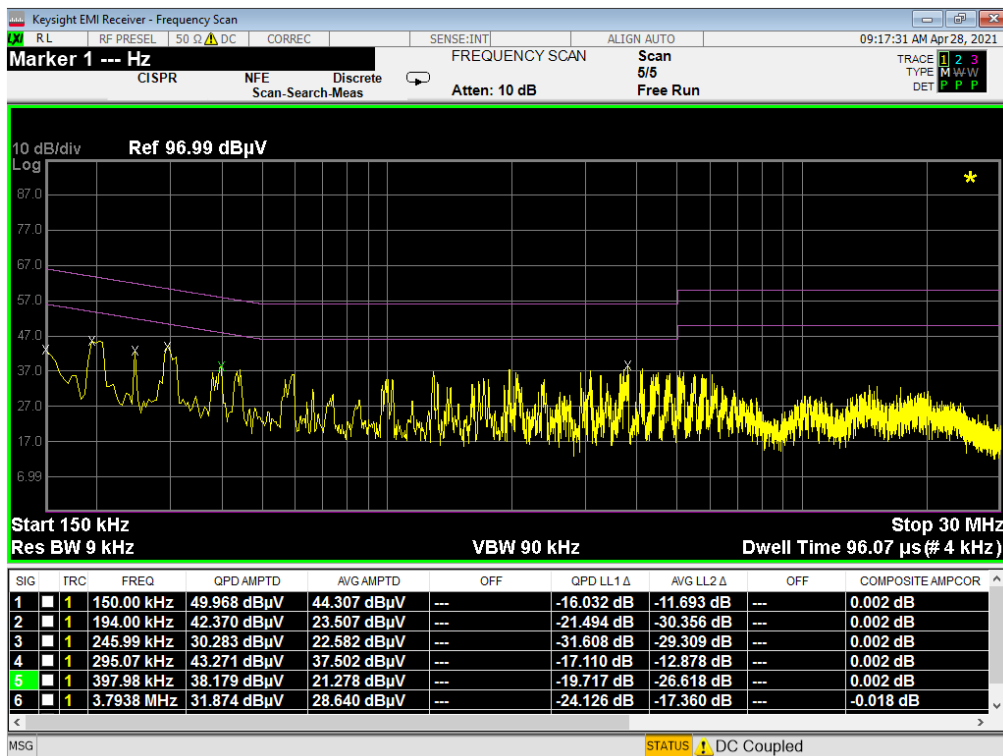


Plot 7-517. Line Conducted Plot with 802.11a UNII Band 2A (N)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 302 of 309 |

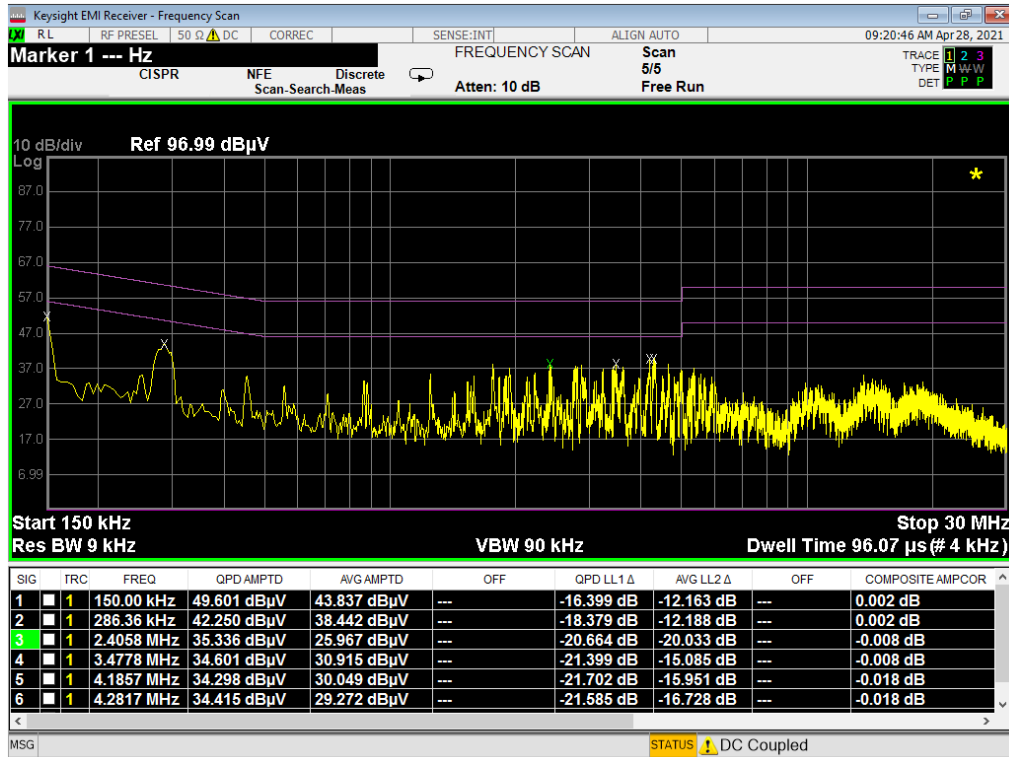


Plot 7-518. Line Conducted Plot with 802.11a UNII Band 2C (L1)

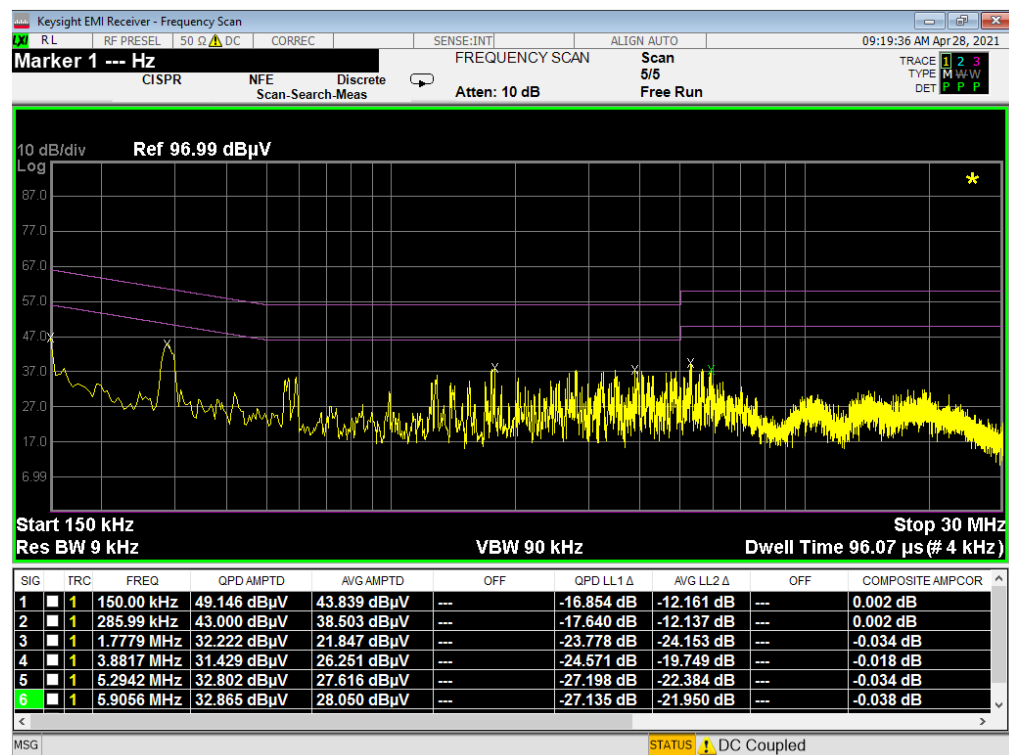


Plot 7-519. Line Conducted Plot with 802.11a UNII Band 2C (N)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 303 of 309 |

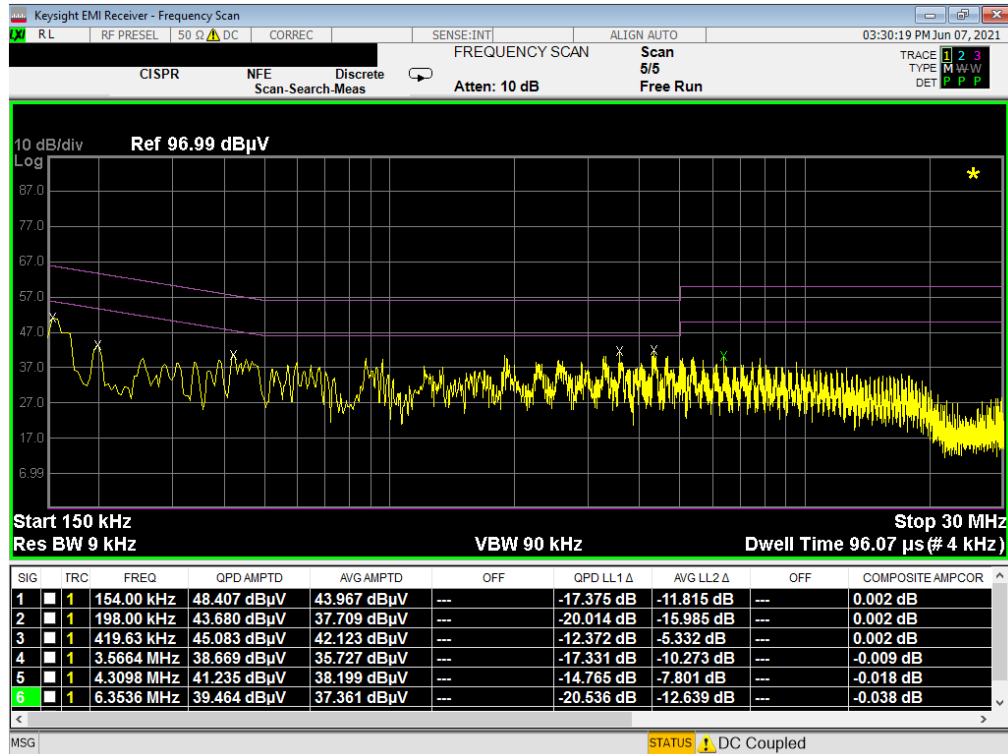


Plot 7-520. Line Conducted Plot with 802.11a UNII Band 3 (L1)

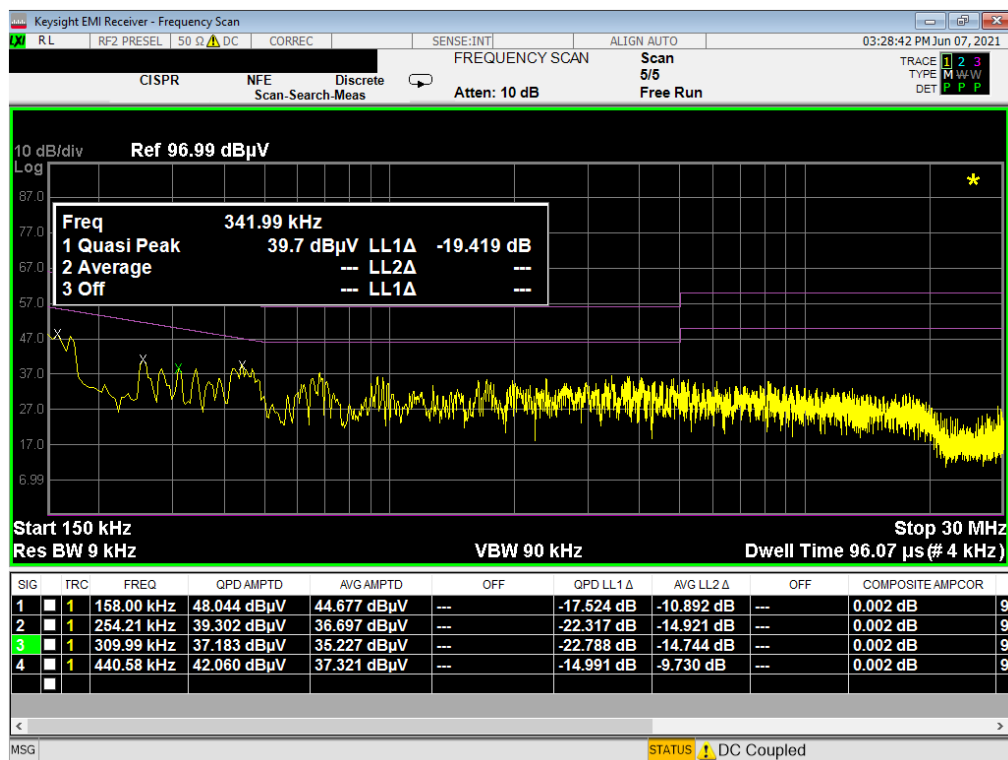


Plot 7-521. Line Conducted Plot with 802.11a UNII Band 3 (N)

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 304 of 309 |

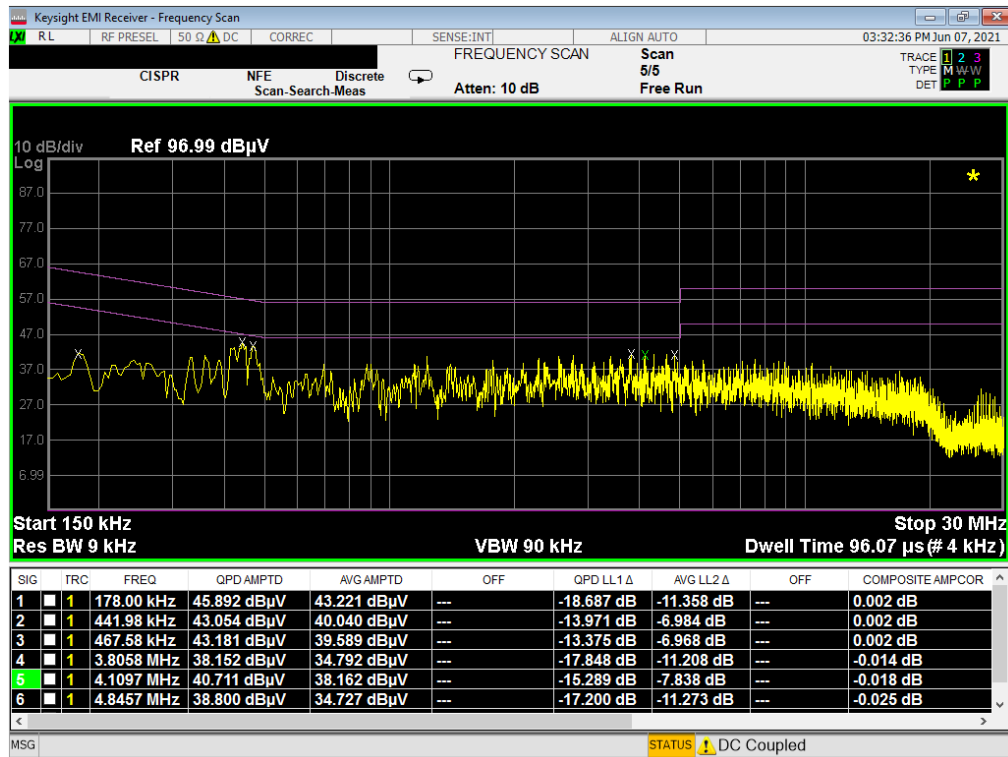


Plot 7-522. Line Conducted Plot with 802.11a UNII Band 1 (L1) with WCP

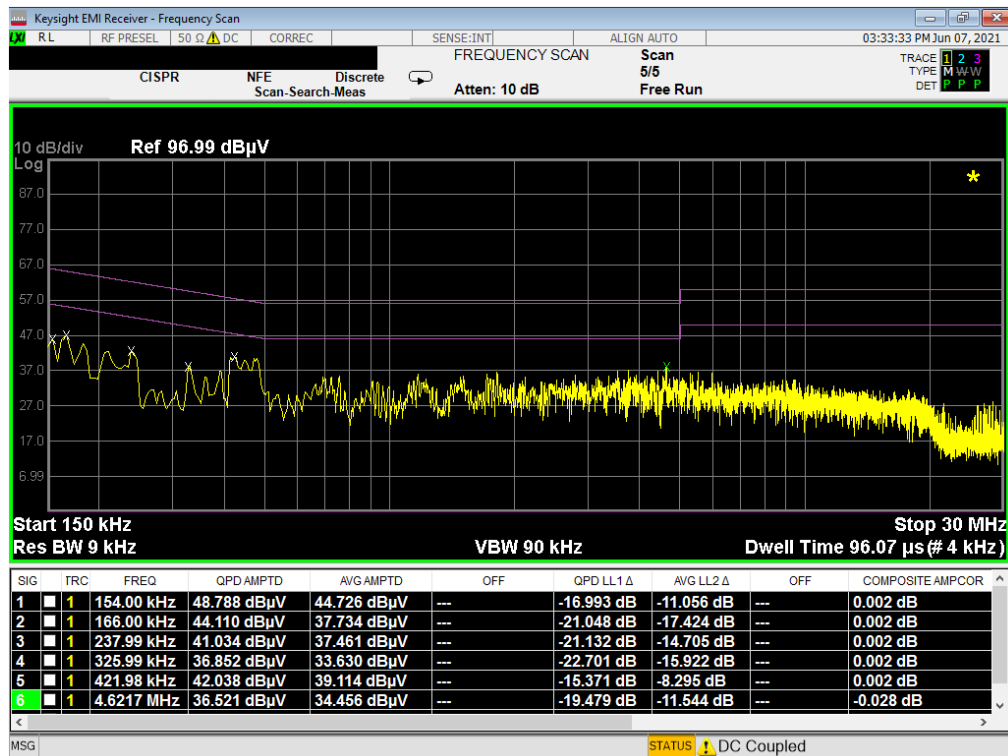


Plot 7-523. Line Conducted Plot with 802.11a UNII Band 1 (N) with WCP

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 305 of 309 |

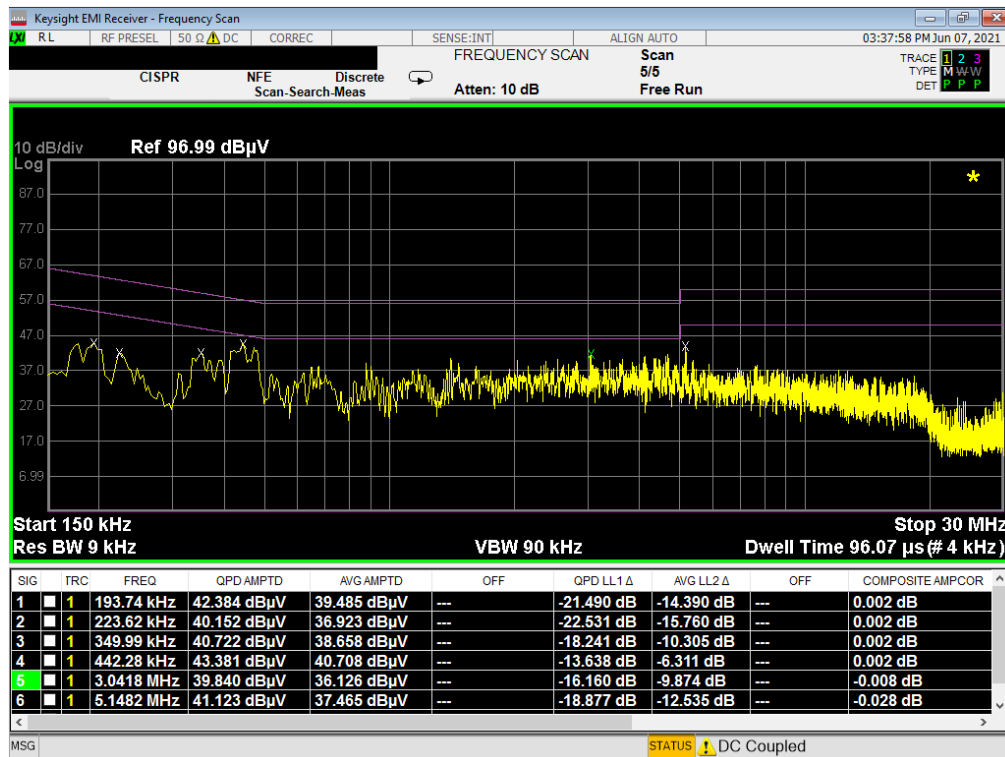


Plot 7-524. Line Conducted Plot with 802.11a UNII Band 2A (L1) with WCP

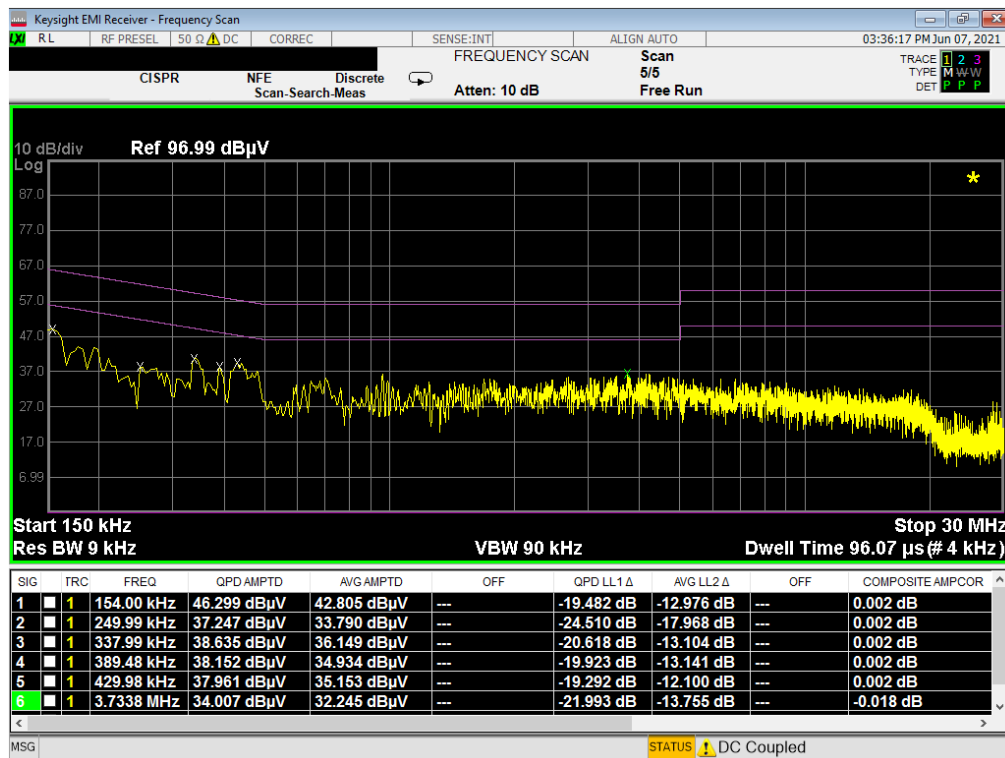


Plot 7-525. Line Conducted Plot with 802.11a UNII Band 2A (N) with WCP

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 306 of 309 |

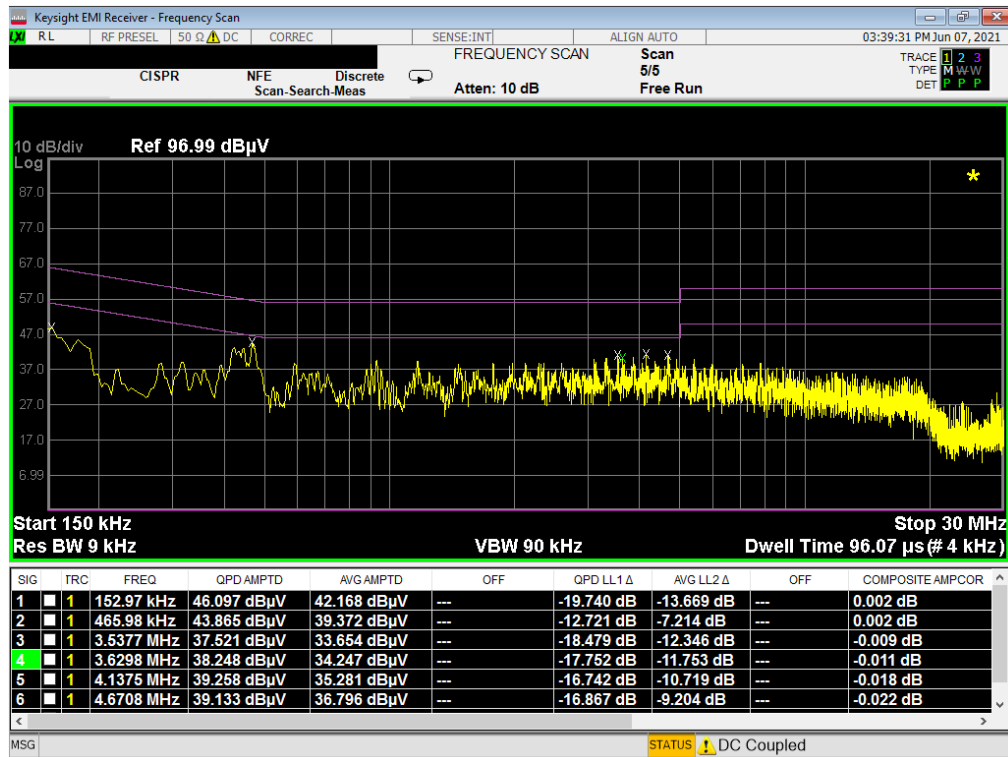


Plot 7-526. Line Conducted Plot with 802.11a UNII Band 2C (L1) with WCP

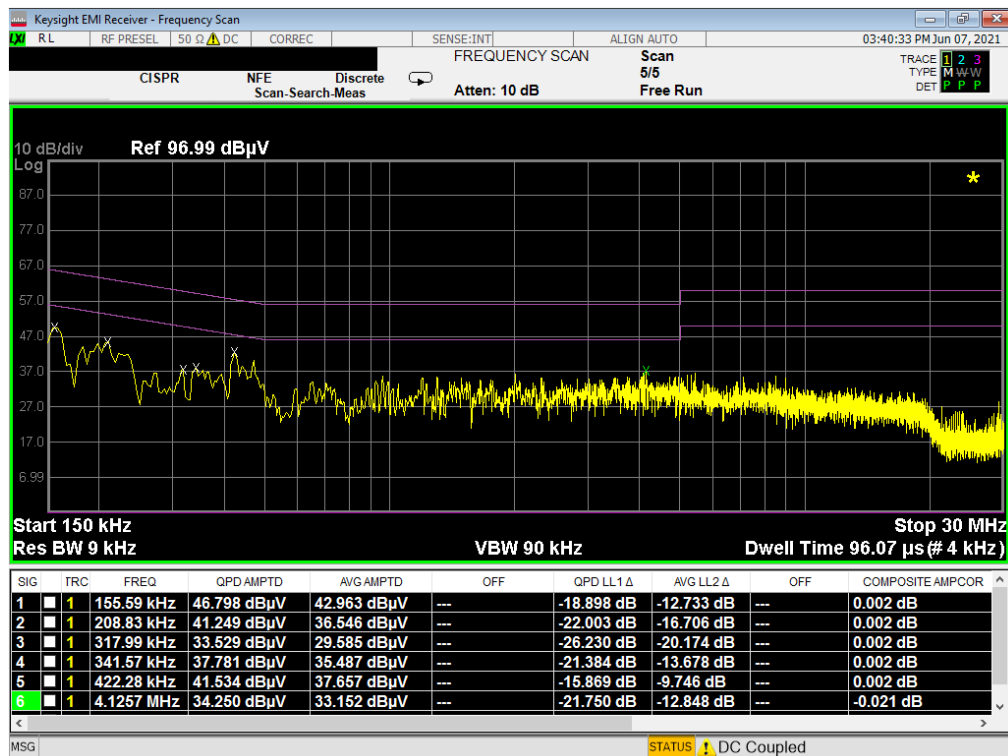


Plot 7-527. Line Conducted Plot with 802.11a UNII Band 2C (N) with WCP

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 307 of 309 |



Plot 7-528. Line Conducted Plot with 802.11a UNII Band 3 (L1) with WCP



Plot 7-529. Line Conducted Plot with 802.11a UNII Band 3 (N) with WCP

| | | | | |
|---|--|---------------------------------------|----------------|-----------------------------------|
| FCC ID: A3LSMF926B | PCTEST Proud to be part of element | MEASUREMENT REPORT (CERTIFICATION) | SAMSUNG | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 308 of 309 |

8.0 CONCLUSION

The data collected relate only the item(s) tested and show that the **Samsung Portable Handset FCC ID: A3LSMF926B** is in compliance with Part 15 Subpart E (15.407) of the FCC Rules.

| | | | | |
|--|---|---|---|--|
| FCC ID: A3LSMF926B |  | MEASUREMENT REPORT (CERTIFICATION) |  | Approved by: Technical Manager |
| Test Report S/N: 1M2104190044-13.A3L | Test Dates: 04/22/21 - 06/22/21 | EUT Type: Portable Handset | | Page 309 of 309 |