

Plot 7-327. Radiated Spurious Plot 33-36.92 GHz (8CC NC QPSK Low Ch. TRP)

ACLRResults


19:09:57 23.02.2020
Plot 7-328. Radiated Spurious Plot 18-37 GHz (1CC QPSK Mid Ch. Ant. Angle 135)

| FCC ID: A3LAT1K02-A10 | FCTEST | MEASUREMENT REPORT (CERTIFICATION) | Snmsunf | Approved by: <br> Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K19110702-01-R1.A3L | Test Dates: 02/18/2020-03/06/2020 | EUT Type: <br> 5G Access Unit |  | Page 200 of 360 |

ACLRResults


19:10:33 23.02.2020
Plot 7-329. Radiated Spurious Plot 18-37 GHz (1CC QPSK Mid Ch. Ant. Angle 135, Final)

ACLRResults


19:04:43 23.02.2020
Plot 7-330. Radiated Spurious Plot 18-37 GHz (1CC QPSK Mid Ch. Ant. Angle 45)

| FCC ID: A3LAT1K02-A10 | FVTEST | MEASUREMENT REPORT (CERTIFICATION) | simsunf | Approved by: <br> Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K19110702-01-R1.A3L | Test Dates: 02/18/2020-03/06/2020 | EUT Type: <br> 5G Access Unit |  | Page 201 of 360 |

ACLRResults


19:05:17 23.02.2020
Plot 7-331. Radiated Spurious Plot 18-37 GHz (1CC QPSK Mid Ch. Ant. Angle 45, Final)

PASS


Plot 7-332. Radiated Spurious Plot $36.574-36.594$ GHz (1CC QPSK Mid Ch. Ant. TRP)

| FCC ID: A3LAT1K02-A10 | 局 PCTEST | MEASUREMENT REPORT (CERTIFICATION) | SIMSUNF | Approved by: Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: 8K19110702-01-R1.A3L | Test Dates: 02/18/2020-03/06/2020 | EUT Type: <br> 5G Access Unit |  | Page 202 of 360 |

ACLRResults


19:26:06 23.02.2020
Plot 7-333. Radiated Spurious Plot 18-37 GHz (8CC QPSK Mid Ch. Ant. Angle 135)

ACLRResults


19:27:11 23.02.2020
Plot 7-334. Radiated Spurious Plot 18-37 GHz (8CC QPSK Mid Ch. Ant. Angle 135, Final)

| FCC ID: A3LAT1K02-A10 | F\|PCTEST | MEASUREMENT REPORT (CERTIFICATION) | snmsunf | Approved by: Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: 8K19110702-01-R1.A3L | Test Dates: 02/18/2020-03/06/2020 | EUT Type: <br> 5G Access Unit |  | Page 203 of 360 |

ACLRResults


19:34:49 23.02.2020
Plot 7-335. Radiated Spurious Plot 18-37 GHz (8CC QPSK Mid Ch. Ant. Angle 45)

ACLRResults


19:35:41 23.02.2020
Plot 7-336. Radiated Spurious Plot 18-37 GHz (8CC QPSK Mid Ch. Ant. Angle 45, Final)

| FCC ID: A3LAT1K02-A10 | F\|PCTEST | MEASUREMENT REPORT (CERTIFICATION) | snmsunf | Approved by: Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: 8K19110702-01-R1.A3L | Test Dates: 02/18/2020-03/06/2020 | EUT Type: <br> 5G Access Unit |  | Page 204 of 360 |



Plot 7-337. Radiated Spurious Plot 36.48-36.594 GHz (8CC QPSK Mid Ch. Ant. TRP)


20:13:31 23.02.2020
Plot 7-338. Radiated Spurious Plot 18-37 GHz (8CC NC QPSK Mid Ch. Ant. Angle 135)

| FCC ID: A3LAT1K02-A10 | FCTEST |
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## (r)PCTEST

ACLRResults


20:14:37 23.02.2020
Plot 7-339. Radiated Spurious Plot 18-37 GHz (8CC NC QPSK Mid Ch. Ant. Angle 135, Final)

ACLRResults


20:24:10 23.02.2020
Plot 7-340. Radiated Spurious Plot 18-37 GHz (8CC NC QPSK Mid Ch. Ant. Angle 45)

| FCC ID: A3LAT1K02-A10 | FVTEST | MEASUREMENT REPORT (CERTIFICATION) | simsunf | Approved by: <br> Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K19110702-01-R1.A3L | Test Dates: 02/18/2020-03/06/2020 | EUT Type: <br> 5G Access Unit |  | Page 206 of 360 |

ACLRResults


20:22:46 23.02.2020
Plot 7-341. Radiated Spurious Plot 18-37 GHz (8CC NC QPSK Mid Ch. Ant. Angle 45, Final)


Plot 7-342. Radiated Spurious Plot 33-37 GHz (8CC NC QPSK Mid Ch. TRP)

| FCC ID: A3LAT1K02-A10 | 空 PCTEST | MEASUREMENT REPORT (CERTIFICATION) | snmsunf | Approved by: Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K19110702-01-R1.A3L | Test Dates: $02 / 18 / 2020-03 / 06 / 2020$ | EUT Type: <br> 5G Access Unit |  | Page 207 of 360 |

ACLRResults


16:08:10 23.02.2020
Plot 7-343. Radiated Spurious Plot 18-37 GHz (1CC QPSK High Ch. Ant. Angle 135)

ACLRResults


16:08:50 23.02.2020
Plot 7-344. Radiated Spurious Plot 18-37 GHz (1CC QPSK High Ch. Ant. Angle 135, Final)

| FCC ID: A3LAT1K02-A10 | F-PCTEST | MEASUREMENT REPORT (CERTIFICATION) | shmsun: | Approved by: Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K19110702-01-R1.A3L | Test Dates: 02/18/2020-03/06/2020 | EUT Type: <br> 5G Access Unit |  | Page 208 of 360 |

ACLRResults


16:02:40 23.02.2020
Plot 7-345. Radiated Spurious Plot 18-37 GHz (1CC QPSK High Ch. Ant. Angle 45)

ACLRResults


16:03:42 23.02.2020
Plot 7-346. Radiated Spurious Plot 18-37 GHz (1CC QPSK High Ch. Ant. Angle 45, Final)

| FCC ID: A3LAT1K02-A10 | 屏 PCTEST | MEASUREMENT REPORT (CERTIFICATION) | shmsung | Approved by: <br> Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K19110702-01-R1.A3L | Test Dates: 02/18/2020-03/06/2020 | EUT Type: <br> 5G Access Unit |  | Page 209 of 360 |



Plot 7-347. Radiated Spurious Plot 33.95-34.45 GHz (1CC QPSK High Ch. TRP)

ACLRResults


19:51:31 23.02.2020
Plot 7-348. Radiated Spurious Plot 18-37 GHz (8CC QPSK High Ch. Ant. Angle 135)

| FCC ID: A3LAT1K02-A10 | FCTEST | MEASUREMENT REPORT (CERTIFICATION) | Snmsunf | Approved by: <br> Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K19110702-01-R1.A3L | Test Dates: 02/18/2020-03/06/2020 | EUT Type: <br> 5G Access Unit |  | Page 210 of 360 |

ACLRResults


19:52:01 23.02.2020
Plot 7-349. Radiated Spurious Plot 18-37 GHz (8CC QPSK High Ch. Ant. Angle 135, Final)

ACLRResults


19:49:17 23.02.2020
Plot 7-350. Radiated Spurious Plot 18-37 GHz (8CC QPSK High Ch. Ant. Angle 45)

| FCC ID: A3LAT1K02-A10 | FVTEST | MEASUREMENT REPORT (CERTIFICATION) | simsunf | Approved by: <br> Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K19110702-01-R1.A3L | Test Dates: 02/18/2020-03/06/2020 | EUT Type: <br> 5G Access Unit |  | Page 211 of 360 |

ACLRResults


19:49:56 23.02.2020
Plot 7-351. Radiated Spurious Plot 18-37 GHz (8CC QPSK High Ch. Ant. Angle 45, Final)


Plot 7-352. Radiated Spurious Plot 33.72-33.82 GHz (8CC QPSK High Ch. TRP)

| FCC ID: A3LAT1K02-A10 | 空 PCTEST | MEASUREMENT REPORT (CERTIFICATION) | snmsunf | Approved by: Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K19110702-01-R1.A3L | Test Dates: $02 / 18 / 2020-03 / 06 / 2020$ | EUT Type: <br> 5G Access Unit |  | Page 212 of 360 |

## (r)PCTEST

ACLRResults


20:49:37 23.02.2020
Plot 7-353. Radiated Spurious Plot 18-37 GHz (8CC NC QPSK High Ch. Ant. Angle 135)

ACLRResults


20:50:20 23.02.2020
Plot 7-354. Radiated Spurious Plot 18-37 GHz (8CC NC QPSK High Ch. Ant. Angle 135, Final)

| FCC ID: A3LAT1K02-A10 | F\|PCTEST | MEASUREMENT REPORT (CERTIFICATION) | snmsunf | Approved by: <br> Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: 8K19110702-01-R1.A3L | Test Dates: 02/18/2020-03/06/2020 | EUT Type: <br> 5G Access Unit |  | Page 213 of 360 |

## (r)PCTEST

ACLRResults


20:44:18 23.02.2020
Plot 7-355. Radiated Spurious Plot 18-37 GHz (8CC NC QPSK High Ch. Ant. Angle 45)

ACLRResults


20:46:03 23.02.2020
Plot 7-356. Radiated Spurious Plot 18-37 GHz (8CC NC QPSK High Ch. Ant. Angle 45, Final)

| FCC ID: A3LAT1K02-A10 | F\|PCTEST | MEASUREMENT REPORT (CERTIFICATION) | snmsunf | Approved by: <br> Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: 8K19110702-01-R1.A3L | Test Dates: 02/18/2020-03/06/2020 | EUT Type: <br> 5G Access Unit |  | Page 214 of 360 |



Plot 7-357. Radiated Spurious Plot 33.63-33.74 GHz (8CC NC QPSK High Ch. TRP)

| Frequency [MHz] | Channel | CC Active | Mod. | Ant. Angle [degree] | Antenna Height [cm] | Turn Table Azimuth [degree] | Analyzer Level [dBm] | AFCL <br> [dBm] | Field Strength [ $\mathrm{dB} \mu \mathrm{V} / \mathrm{m}$ ] | RSE EIRP [dBm] | Limit [dBm] | Margin [dB] | $\begin{gathered} \text { TRP } \\ \text { [dBm] } \end{gathered}$ | Margin [dB] |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 36989.25 | Low | CCO | QPSK | 135 | 148 | 10 | -81.62 | 57.57 | 82.96 | -12.25 | -13.00 | 0.75 |  |  |
| 36989.25 | Low | CCO | QPSK | 45 | 148 | 10 | -80.80 | 57.57 | 83.78 | -11.43 | -13.00 | 1.57 |  |  |
| 36583.76 | Mid | CC4 | QPSK | 135 | 148 | 10 | -79.37 | 57.65 | 85.28 | -9.93 | -13.00 | 3.07 |  |  |
| 36583.76 | Mid | CC4 | QPSK | 45 | 148 | 10 | -81.79 | 57.65 | 82.86 | -12.35 | -13.00 | 0.65 |  |  |
| 34199.82 | High | CC7 | QPSK | 135 | 148 | 10 | -71.67 | 58.53 | 93.86 | -1.35 | -13.00 | 11.65 | 19.51 | 6.51 |
| 34199.82 | High | CC7 | QPSK | 45 | 148 | 10 | -74.55 | 58.53 | 90.98 | -4.23 | -13.00 | 8.77 | 9.51 | -6.51 |
| 36908.75 | Low | CC0-CC7(C) | QPSK | 135 | 148 | 10 | -78.26 | 57.57 | 86.32 | -8.89 | -13.00 | 4.11 | 23.54 | 10 |
| 36912.25 | Low | CC0-CC7(C) | QPSK | 45 | 148 | 10 | -78.94 | 57.57 | 85.64 | -9.57 | -13.00 | 3.43 | 23.54 | , |
| 36533.76 | Mid | CC0-CC7(C) | QPSK | 135 | 148 | 10 | -79.85 | 57.65 | 84.80 | -10.41 | -13.00 | 2.59 |  |  |
| 36533.76 | Mid | CC0-CC7(C) | QPSK | 45 | 148 | 10 | -79.18 | 57.65 | 85.47 | -9.74 | -13.00 | 3.26 |  |  |
| 33771.33 | High | CC0-CC7(C) | QPSK | 135 | 148 | 10 | -76.13 | 58.38 | 89.25 | -5.96 | -13.00 | 7.04 | 26.32 | -13.32 |
| 33771.33 | High | CC0-CC7(C) | QPSK | 45 | 148 | 10 | -76.55 | 58.38 | 88.83 | -6.38 | -13.00 | 6.62 | 26.32 | -13.32 |
| 36904.75 | Low | CC0-CC7(NC) | QPSK | 135 | 148 | 10 | -83.09 | 57.57 | 81.49 | -13.72 | -13.00 | -0.72 |  | 3.73 |
| 36853.26 | Low | CC0-CC7(NC) | QPSK | 45 | 148 | 10 | -81.35 | 57.57 | 83.23 | -11.98 | -13.00 | 1.02 | 26.73 | 13.73 |
| 33000.36 | Mid | CC0-CC7(NC) | QPSK | 135 | 148 | 10 | -84.00 | 57.75 | 80.75 | -14.46 | -13.00 | -1.46 | 29.64 | 16.64 |
| 32999.86 | Mid | CC0-CC7(NC) | QPSK | 45 | 148 | 10 | -85.21 | 57.77 | 79.57 | -15.64 | -13.00 | -2.64 | 29.64 | -16.64 |
| 36534.26 | Mid | CC0-CC7(NC) | QPSK | 45 | 148 | 10 | -80.21 | 57.65 | 84.44 | -10.77 | -13.00 | 2.23 | 3 | -14.63 |
| 36534.26 | Mid | CC0-CC7(NC) | QPSK | 135 | 148 | 10 | -80.66 | 57.65 | 83.99 | -11.22 | -13.00 | 1.78 | -27.63 | -14.63 |
| 33685.34 | High | CC0-CC7(NC) | QPSK | 135 | 148 | 10 | -78.44 | 58.22 | 86.79 | -8.42 | -13.00 | 4.58 | 26.81 | 3.81 |
| 33685.34 | High | CC0-CC7(NC) | QPSK | 45 | 148 | 10 | -78.22 | 58.22 | 87.01 | -8.20 | -13.00 | 4.80 | 26.81 | -13.81 |

Table 7-20. Spurious Emissions ( 18 - 40GHz)

| FCC ID: A3LAT1K02-A10 | F-PCTEST | MEASUREMENT REPORT (CERTIFICATION) | snmsun: | Approved by: Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K19110702-01-R1.A3L | Test Dates: 02/18/2020-03/06/2020 | EUT Type: <br> 5G Access Unit |  | Page 215 of 360 |

## Spurious Emissions EIRP Sample Calculation

The raw radiated spurious level is converted to field strength in $\mathrm{dB} \mu \mathrm{V} / \mathrm{m}$. Then, the RSE EIRP level is calculated by applying the additional factors shown below for a test distance of 2.61 meters.

RSE EIRP [dBm] = Analyzer Level [dBm] + AFCL [dB/m] + $107+20 \log \left(\mathrm{D}_{\mathrm{m}}\right)-104.8+$ Duty Corretion Factor

## Duty Cycle Correction Factor Calculation

```
o 1 Cycle Time = 626 \mus
- Tx on Time = 468 \mus
o Duty Cycle = Tx on Time / 1 Cycle Time = 468 \mus / 626 \mus=0.75
Duty cycle correction factor = 10log}10(1/Duty Cycle) = 10\mp@subsup{log}{10}{}(1/0.75)=1.26 d
```

| FCC ID: A3LAT1K02-A10 | 屏 PCTEST | MEASUREMENT REPORT (CERTIFICATION) | simsun: | Approved by: <br> Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K19110702-01-R1.A3L | Test Dates: 02/18/2020-03/06/2020 | EUT Type: <br> 5G Access Unit |  | Page 216 of 360 |

## 保 PCTEST

### 7.5.4 Radiated Spurious Emissions Plots (40-60GHz)

ACLRResults


20:19:05 22.02.2020
Plot 7-358. Radiated Spurious Plot 40-60 GHz (1CC QPSK Low Ch. Ant. Angle 135)

ACLRResults


20:19:51 22.02.2020
Plot 7-359. Radiated Spurious Plot 40-60 GHz (1CC QPSK Low Ch. Ant. Angle 135, Final)

| FCC ID: A3LAT1K02-A10 | F\|PCTEST | MEASUREMENT REPORT (CERTIFICATION) | snmsunf | Approved by: <br> Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: 8K19110702-01-R1.A3L | Test Dates: 02/18/2020-03/06/2020 | EUT Type: <br> 5G Access Unit |  | Page 217 of 360 |

ACLRResults


20:12:51 22.02.2020
Plot 7-360. Radiated Spurious Plot 40-60 GHz (1CC QPSK Low Ch. Ant. Angle 45)

ACLRResults


20:15:16 22.02.2020
Plot 7-361. Radiated Spurious Plot 40-60 GHz (1CC QPSK Low Ch. Ant. Angle 45, Final)

| FCC ID: A3LAT1K02-A10 | 空 | PCTEST | MEASUREMENT REPORT <br> (CERTIFICATION) | Approved by: |
| :--- | :--- | :--- | :--- | :--- |
| Quality Manager |  |  |  |  |



Plot 7-362. Radiated Spurious Plot 42.11-42.61 GHz (1CC QPSK Low Ch. Ant. TRP)

ACLRResults


13:55:45 23.02.2020
Plot 7-363. Radiated Spurious Plot 40-60 GHz (8CC QPSK Low Ch. Ant. Angle 135)

| FCC ID: A3LAT1K02-A10 | FCTEST | MEASUREMENT REPORT (CERTIFICATION) | Snmsunf | Approved by: <br> Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K19110702-01-R1.A3L | Test Dates: 02/18/2020-03/06/2020 | EUT Type: <br> 5G Access Unit |  | Page 219 of 360 |

ACLRResults


13:56:43 23.02.2020
Plot 7-364. Radiated Spurious Plot 40-60 GHz (8CC QPSK Low Ch. Ant. Angle 135, Final)

ACLRResults


13:59:44 23.02.2020
Plot 7-365. Radiated Spurious Plot 40-60 GHz (8CC QPSK Low Ch. Ant. Angle 45)

| FCC ID: A3LAT1K02-A10 |  | MEASUREMENT REPORT (CERTIFICATION) | smmsuna | Approved by: <br> Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K19110702-01-R1.A3L | Test Dates: 02/18/2020-03/06/2020 | EUT Type: <br> 5G Access Unit |  | Page 220 of 360 |

ACLRResults


14:00:29 23.02.2020
Plot 7-366. Radiated Spurious Plot 40-60 GHz (8CC QPSK Low Ch. Ant. Angle 45, Final)

ACLRResults


19:52:54 29.02.2020
Plot 7-367. Radiated Spurious Plot 40-60 GHz (8CC NC QPSK Low Ch. Ant. Angle 135)

| FCC ID: A3LAT1K02-A10 | FVTEST | MEASUREMENT REPORT (CERTIFICATION) | simsunf | Approved by: <br> Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K19110702-01-R1.A3L | Test Dates: 02/18/2020-03/06/2020 | EUT Type: <br> 5G Access Unit |  | Page 221 of 360 |

ACLRResults


19:53:35 29.02.2020
Plot 7-368. Radiated Spurious Plot 40-60 GHz (8CC NC QPSK Low Ch. Ant. Angle 135, Final)

ACLRResults


19:50:52 29.02.2020
Plot 7-369. Radiated Spurious Plot 40-60 GHz (8CC NC QPSK Low Ch. Ant. Angle 45)

| FCC ID: A3LAT1K02-A10 | F\|PCTEST | MEASUREMENT REPORT (CERTIFICATION) | snmsunf | Approved by: Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: 8K19110702-01-R1.A3L | Test Dates: 02/18/2020-03/06/2020 | EUT Type: <br> 5G Access Unit |  | Page 222 of 360 |

ACLRResults


19:51:33 29.02.2020
Plot 7-370. Radiated Spurious Plot 40-60 GHz (8CC NC QPSK Low Ch. Ant. Angle 45, Final)

ACLRResults


20:41:15 22.02.2020
Plot 7-371. Radiated Spurious Plot 40-60 GHz (1CC QPSK Mid Ch. Ant. Angle 135)

| FCC ID: A3LAT1K02-A10 | FCTEST | MEASUREMENT REPORT (CERTIFICATION) | shmsunf | Approved by: <br> Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K19110702-01-R1.A3L | Test Dates: <br> 02/18/2020-03/06/2020 | EUT Type: <br> 5G Access Unit |  | Page 223 of 360 |

ACLRResults


20:43:08 22.02.2020
Plot 7-372. Radiated Spurious Plot 40-60 GHz (1CC QPSK Mid Ch. Ant. Angle 135, Final)

ACLRResults


20:48:54 22.02.2020
Plot 7-373. Radiated Spurious Plot 40-60 GHz (1CC QPSK Mid Ch. Ant. Angle 45)

| FCC ID: A3LAT1K02-A10 | FVTEST | MEASUREMENT REPORT (CERTIFICATION) | simsunf | Approved by: <br> Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K19110702-01-R1.A3L | Test Dates: 02/18/2020-03/06/2020 | EUT Type: <br> 5G Access Unit |  | Page 224 of 360 |

ACLRResults


20:50:18 22.02.2020
Plot 7-374. Radiated Spurious Plot 40-60 GHz (1CC QPSK Mid Ch. Ant. Angle 45, Final)

ACLRResults


18:28:20 29.02.2020
Plot 7-375. Radiated Spurious Plot 40-60 GHz (8CC QPSK Mid Ch. Ant. Angle 135)

| FCC ID: A3LAT1K02-A10 | FCTEST | MEASUREMENT REPORT (CERTIFICATION) | shmsunf | Approved by: <br> Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K19110702-01-R1.A3L | Test Dates: <br> 02/18/2020-03/06/2020 | EUT Type: <br> 5G Access Unit |  | Page 225 of 360 |

## FPCTEST

ACLRResults


18:28:58 29.02.2020
Plot 7-376. Radiated Spurious Plot 40-60 GHz (8CC QPSK Mid Ch. Ant. Angle 135, Final)


Plot 7-377. Radiated Spurious Plot 40.506-40.526 GHz (1CC QPSK Mid Ch. Ant. TRP)

| FCC ID: A3LAT1K02-A10 | 空 PCTEST | MEASUREMENT REPORT (CERTIFICATION) | shmsuna | Approved by: <br> Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K19110702-01-R1.A3L | Test Dates: 02/18/2020-03/06/2020 | EUT Type: <br> 5G Access Unit |  | Page 226 of 360 |

ACLRResults


18:21:04 29.02.2020
Plot 7-378. Radiated Spurious Plot 40-60 GHz (8CC QPSK Mid Ch. Ant. Angle 45)

ACLRResults


18:24:01 29.02.2020
Plot 7-379. Radiated Spurious Plot 40-60 GHz (8CC QPSK Mid Ch. Ant. Angle 45, Final)

| FCC ID: A3LAT1K02-A10 | FCTEST | MEASUREMENT REPORT (CERTIFICATION) | shmsunf | Approved by: <br> Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K19110702-01-R1.A3L | Test Dates: <br> 02/18/2020-03/06/2020 | EUT Type: <br> 5G Access Unit |  | Page 227 of 360 |



Plot 7-380. Radiated Spurious Plot 40.456-40.476 GHz (8CC QPSK Mid Ch. TRP)

ACLRResults


20:11:38 29.02.2020
Plot 7-381. Radiated Spurious Plot 40-42 GHz (8CC NC QPSK Mid Ch. Ant. Angle 135)

| FCC ID: A3LAT1K02-A10 |  | MEASUREMENT REPORT (CERTIFICATION) | SnMSUNA | Approved by: <br> Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K19110702-01-R1.A3L | Test Dates: <br> 02/18/2020-03/06/2020 | EUT Type: <br> 5G Access Unit |  | Page 228 of 360 |

ACLRResults


20:12:01 29.02.2020
Plot 7-382. Radiated Spurious Plot 40-42 GHz (8CC NC QPSK Mid Ch. Ant. Angle 135, Final)

ACLRResults


20:16:00 29.02.2020
Plot 7-383. Radiated Spurious Plot 40-42 GHz (8CC NC QPSK Mid Ch. Ant. Angle 45)

| FCC ID: A3LAT1K02-A10 | FCTEST | MEASUREMENT REPORT (CERTIFICATION) | shmsunf | Approved by: <br> Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K19110702-01-R1.A3L | Test Dates: <br> 02/18/2020-03/06/2020 | EUT Type: <br> 5G Access Unit |  | Page 229 of 360 |

ACLRResults


20:16:17 29.02.2020
Plot 7-384. Radiated Spurious Plot 40-42 GHz (8CC NC QPSK Mid Ch. Ant. Angle 45, Final)


Plot 7-385. Radiated Spurious Plot 40-42 GHz (8CC NC QPSK Mid Ch. TRP)

| FCC ID: A3LAT1K02-A10 | 空 PCTEST | MEASUREMENT REPORT (CERTIFICATION) | snmsunf | Approved by: Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K19110702-01-R1.A3L | Test Dates: $02 / 18 / 2020-03 / 06 / 2020$ | EUT Type: <br> 5G Access Unit |  | Page 230 of 360 |

## (r)PCTEST

ACLRResults


20:13:02 29.02.2020
Plot 7-386. Radiated Spurious Plot 42-60 GHz (8CC NC QPSK Mid Ch. Ant. Angle 135)

ACLRResults


20:13:49 29.02.2020
Plot 7-387. Radiated Spurious Plot 42-60 GHz (8CC NC QPSK Mid Ch. Ant. Angle 135, Final)

| FCC ID: A3LAT1K02-A10 | F/PCTEST | MEASUREMENT REPORT (CERTIFICATION) | SnMSUNE | Approved by: <br> Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: 8K19110702-01-R1.A3L | Test Dates: 02/18/2020-03/06/2020 | EUT Type: <br> 5G Access Unit |  | Page 231 of 360 |

## TPCTEST

ACLRResults


20:14:21 29.02.2020
Plot 7-388. Radiated Spurious Plot 42-60 GHz (8CC NC QPSK Mid Ch. Ant. Angle 45)

ACLRResults


20:14:53 29.02.2020
Plot 7-389. Radiated Spurious Plot 42-60 GHz (8CC NC QPSK Mid Ch. Ant. Angle 45, Final)

| FCC ID: A3LAT1K02-A10 | FCTEST | MEASUREMENT REPORT (CERTIFICATION) | shmsunf | Approved by: <br> Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K19110702-01-R1.A3L | Test Dates: <br> 02/18/2020-03/06/2020 | EUT Type: <br> 5G Access Unit |  | Page 232 of 360 |

## (f)PCTEST

ACLRResults


14:03:49 29.02.2020
Plot 7-390. Radiated Spurious Plot 40.01-42 GHz (1CC QPSK High Ch. Ant. Angle 135)

ACLRResults


14:12:44 29.02.2020
Plot 7-391. Radiated Spurious Plot 40.01-42 GHz (1CC QPSK High Ch. Ant. Angle 135, Final)

| FCC ID: A3LAT1K02-A10 | F-PCTEST | MEASUREMENT REPORT (CERTIFICATION) | snmsunf | Approved by: <br> Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K19110702-01-R1.A3L | Test Dates: $02 / 18 / 2020-03 / 06 / 2020$ | EUT Type: <br> 5G Access Unit |  | Page 233 of 360 |

## (f)PCTEST

ACLRResults



13:58:26 29.02.2020
Plot 7-392. Radiated Spurious Plot 40.01-42 GHz (1CC QPSK High Ch. Ant. Angle 45)

ACLRResults


14:00:24 29.02.2020
Plot 7-393. Radiated Spurious Plot 40.01-42 GHz (1CC QPSK High Ch. Ant. Angle 45, Final)

| FCC ID: A3LAT1K02-A10 | F-PCTEST | MEASUREMENT REPORT (CERTIFICATION) | snmsunf | Approved by: <br> Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K19110702-01-R1.A3L | Test Dates: $02 / 18 / 2020-03 / 06 / 2020$ | EUT Type: <br> 5G Access Unit |  | Page 234 of 360 |



Plot 7-394. Radiated Spurious Plot 40.01-42 GHz (1CC QPSK High Ch. TRP)


19:38:09 22.02.2020
Plot 7-395. Radiated Spurious Plot 42-60 GHz (1CC QPSK High Ch. Ant. Angle 135)

| FCC ID: A3LAT1K02-A10 | 空 PCTEST | MEASUREMENT REPORT (CERTIFICATION) | shmsuna | Approved by: <br> Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K19110702-01-R1.A3L | Test Dates: 02/18/2020-03/06/2020 | EUT Type: <br> 5G Access Unit |  | Page 235 of 360 |

ACLRResults


19:38:48 22.02.2020
Plot 7-396. Radiated Spurious Plot 42-60 GHz (1CC QPSK High Ch. Ant. Angle 135, Final)

ACLRResults


19:27:32 22.02.2020
Plot 7-397. Radiated Spurious Plot 42-60 GHz (1CC QPSK High Ch. Ant. Angle 45)

| FCC ID: A3LAT1K02-A10 | FCTEST | MEASUREMENT REPORT (CERTIFICATION) | shmsunf | Approved by: <br> Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K19110702-01-R1.A3L | Test Dates: <br> 02/18/2020-03/06/2020 | EUT Type: <br> 5G Access Unit |  | Page 236 of 360 |

ACLRResults


19:28:03 22.02.2020
Plot 7-398. Radiated Spurious Plot 42-60 GHz (1CC QPSK High Ch. Ant. Angle 45, Final)

ACLRResults


19:07:41 29.02.2020
Plot 7-399. Radiated Spurious Plot 40.08-42 GHz (8CC QPSK High Ch. Ant. Angle 135)

| FCC ID: A3LAT1K02-A10 | F-PCTEST | MEASUREMENT REPORT (CERTIFICATION) | snmsunf | Approved by: <br> Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K19110702-01-R1.A3L | Test Dates: $02 / 18 / 2020-03 / 06 / 2020$ | EUT Type: <br> 5G Access Unit |  | Page 237 of 360 |

## (f)PCTEST

ACLRResults


19:08:15 29.02.2020
Plot 7-400. Radiated Spurious Plot 40.08-42 GHz (8CC QPSK High Ch. Ant. Angle 135, Final)

ACLRResults


19:05:12 29.02.2020
Plot 7-401. Radiated Spurious Plot $40.08-42$ GHz (8CC QPSK High Ch. Ant. Angle 45)

| FCC ID: A3LAT1K02-A10 | FCTEST | MEASUREMENT REPORT (CERTIFICATION) | shmsunf | Approved by: <br> Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K19110702-01-R1.A3L | Test Dates: <br> 02/18/2020-03/06/2020 | EUT Type: <br> 5G Access Unit |  | Page 238 of 360 |

ACLRResults


19:05:52 29.02.2020
Plot 7-402. Radiated Spurious Plot 40.08-42 GHz (8CC QPSK High Ch. Ant. Angle 45, Final)

PASS


Plot 7-403. Radiated Spurious Plot 40.08-42 GHz (8CC QPSK High Ch. TRP)

| FCC ID: A3LAT1K02-A10 | 空 PCTEST | MEASUREMENT REPORT (CERTIFICATION) | snmsunf | Approved by: Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K19110702-01-R1.A3L | Test Dates: $02 / 18 / 2020-03 / 06 / 2020$ | EUT Type: <br> 5G Access Unit |  | Page 239 of 360 |

ACLRResults


19:52:01 22.02.2020
Plot 7-404. Radiated Spurious Plot 42-60 GHz (8CC QPSK High Ch. Ant. Angle 135)

ACLRResults


19:52:37 22.02.2020
Plot 7-405. Radiated Spurious Plot 42-60 GHz (8CC QPSK High Ch. Ant. Angle 135, Final)

| FCC ID: A3LAT1K02-A10 | F-PCTEST | MEASUREMENT REPORT (CERTIFICATION) | snmsunf | Approved by: <br> Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K19110702-01-R1.A3L | Test Dates: 02/18/2020-03/06/2020 | EUT Type: <br> 5G Access Unit |  | Page 240 of 360 |

ACLRResults


19:53:22 22.02.2020
Plot 7-406. Radiated Spurious Plot 42-60 GHz (8CC QPSK High Ch. Ant. Angle 45)

ACLRResults


19:53:54 22.02.2020
Plot 7-407. Radiated Spurious Plot 42-60 GHz (8CC QPSK High Ch. Ant. Angle 45, Final)

| FCC ID: A3LAT1K02-A10 | FVTEST | MEASUREMENT REPORT (CERTIFICATION) | simsunf | Approved by: <br> Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K19110702-01-R1.A3L | Test Dates: 02/18/2020-03/06/2020 | EUT Type: <br> 5G Access Unit |  | Page 241 of 360 |

## PCTEST

ACLRResults


21:01:01 29.02.2020
Plot 7-408. Radiated Spurious Plot 40.08-42 GHz (8CC NC QPSK High Ch. Ant. Angle 135)

ACLRResults


21:01:34 29.02.2020
Plot 7-409. Radiated Spurious Plot 40.08-42 GHz (8CC NC QPSK High Ch. Ant. Angle 135, Final)

| FCC ID: A3LAT1K02-A10 | FVTEST | MEASUREMENT REPORT (CERTIFICATION) | simsunf | Approved by: <br> Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K19110702-01-R1.A3L | Test Dates: 02/18/2020-03/06/2020 | EUT Type: <br> 5G Access Unit |  | Page 242 of 360 |

## (r)PCTEST

ACLRResults


21:03:10 29.02.2020
Plot 7-410. Radiated Spurious Plot 40.08-42 GHz (8CC NC QPSK High Ch. Ant. Angle 45)

ACLRResults


21:03:34 29.02.2020
Plot 7-411. Radiated Spurious Plot 40.08-42 GHz (8CC NC QPSK High Ch. Ant. Angle 45, Final)

| FCC ID: A3LAT1K02-A10 | F-PCTEST | MEASUREMENT REPORT (CERTIFICATION) | shmsun: | Approved by: Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K19110702-01-R1.A3L | Test Dates: 02/18/2020-03/06/2020 | EUT Type: <br> 5G Access Unit |  | Page 243 of 360 |



Plot 7-412. Radiated Spurious Plot 40.08-42 GHz (8CC NC QPSK High Ch. TRP)

ACLRResults


19:50:22 22.02.2020
Plot 7-413. Radiated Spurious Plot 42-60 GHz (8CC NC QPSK High Ch. Ant. Angle 135)

| FCC ID: A3LAT1K02-A10 | FVTEST | MEASUREMENT REPORT (CERTIFICATION) | simsunf | Approved by: <br> Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K19110702-01-R1.A3L | Test Dates: 02/18/2020-03/06/2020 | EUT Type: <br> 5G Access Unit |  | Page 244 of 360 |

## (r)PCTEST

ACLRResults


19:16:24 22.02.2020
Plot 7-414. Radiated Spurious Plot 42-60 GHz (8CC NC QPSK High Ch. Ant. Angle 135, Final)

ACLRResults


19:17:21 22.02.2020
Plot 7-415. Radiated Spurious Plot 42-60 GHz (8CC NC QPSK High Ch. Ant. Angle 45)

| FCC ID: A3LAT1K02-A10 | (F)PCTEST | MEASUREMENT REPORT (CERTIFICATION) | snmsunf | Approved by: Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K19110702-01-R1.A3L | Test Dates: 02/18/2020-03/06/2020 | EUT Type: <br> 5G Access Unit |  | Page 245 of 360 |

## frPTEST

ACLRResults


19:17:53 22.02.2020
Plot 7-416. Radiated Spurious Plot 42-60 GHz (8CC NC QPSK High Ch. Ant. Angle 45, Final)

| Frequency [MHz] | Channel | CC Active | Mod. | Ant. Pol. [degree] | Antenna Height [cm] | Turn Table Azimuth [degree] | Analyzer Level [dBm] | AFCL <br> [dBm] | Field Strength [dB $\mu \mathrm{V} / \mathrm{m}$ ] | RSE EIRP [dBm] | Limit [dBm] | Margin [dB] | $\begin{gathered} \text { TRP } \\ \text { [dBm] } \end{gathered}$ | Margin [dB] |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 42314.19 | Low | CC0 | QPSK | 135 | 148 | 10 | -62.57 | 45.55 | 89.98 | -5.23 | -13.00 | 7.77 | -24.10 | -11.10 |
| 42336.19 | Low | CCO | QPSK | 45 | 154 | 10 | -65.06 | 45.55 | 87.49 | -7.72 | -13.00 | 5.28 |  |  |
| 40516.24 | Mid | CC4 | QPSK | 135 | 147 | 11 | -72.15 | 45.35 | 80.20 | -15.01 | -13.00 | -2.01 | -24.05 | -11.05 |
| 40516.24 | Mid | CC4 | QPSK | 45 | 154 | 11 | -72.86 | 45.35 | 79.49 | -15.72 | -13.00 | -2.72 |  |  |
| 40010.25 | High | CC7 | QPSK | 135 | 149 | 10 | -71.44 | 45.35 | 80.91 | -14.30 | -13.00 | -1.30 | -23.30 | -10.30 |
| 40012.24 | High | CC7 | QPSK | 45 | 155 | 10 | -69.50 | 45.35 | 82.85 | -12.36 | -13.00 | 0.64 |  |  |
| 40145.57 | High | CC7 | QPSK | 45 | 155 | 10 | -69.79 | 45.35 | 82.56 | -12.65 | -13.00 | 0.35 | -26.60 | -13.60 |
| 41865.97 | High | CC7 | QPSK | 135 | 146 | 10 | -69.36 | 45.45 | 83.09 | -12.12 | -13.00 | 0.88 | -26.16 | -13.16 |
| 41865.92 | High | CC7 | QPSK | 45 | 155 | 10 | -69.25 | 45.45 | 83.20 | -12.01 | -13.00 | 0.99 |  |  |
| 42376.69 | Low | CC0-CC7(C) | QPSK | 135 | 148 | 10 | -78.15 | 45.55 | 74.40 | -20.81 | -13.00 | -7.81 |  |  |
| 42369.19 | Low | CC0-CC7(C) | QPSK | 45 | 154 | 9 | -75.25 | 45.55 | 77.30 | -17.91 | -13.00 | -4.91 |  |  |
| 40466.24 | Mid | CC0-CC7(C) | QPSK | 135 | 148 | 11 | -67.20 | 45.35 | 85.15 | -10.06 | -13.00 | 2.94 | -23.55 | -10.55 |
| 40466.24 | Mid | CC0-CC7(C) | QPSK | 45 | 154 | 10 | -66.14 | 45.35 | 86.21 | -9.00 | -13.00 | 4.00 |  |  |
| 40146.35 | High | CC0-CC7(C) | QPSK | 135 | 148 | 10 | -71.21 | 45.35 | 81.14 | -14.07 | -13.00 | -1.07 | -25.46 | -12.46 |
| 40150.10 | High | CC0-CC7(C) | QPSK | 45 | 155 | 10 | -66.09 | 45.35 | 86.26 | -8.95 | -13.00 | 4.05 |  |  |
| 41365.81 | High | CC0-CC7(C) | QPSK | 135 | 148 | 10 | -68.04 | 45.45 | 84.41 | -10.80 | -13.00 | 2.20 | -25.84 | -12.84 |
| 41365.86 | High | CC0-CC7(C) | QPSK | 45 | 155 | 10 | -65.73 | 45.45 | 86.72 | -8.49 | -13.00 | 4.51 |  |  |
| 42393.19 | Low | CC0-CC7(NC) | QPSK | 135 | 148 | 10 | -79.05 | 45.55 | 73.50 | -21.71 | -13.00 | -8.71 |  |  |
| 42515.19 | Low | CC0-CC7(NC) | QPSK | 45 | 153 | 10 | -77.25 | 45.55 | 75.30 | -19.91 | -13.00 | -6.91 |  |  |
| 40466.13 | Mid | CC0-CC7(NC) | QPSK | 135 | 148 | 10 | -65.96 | 45.35 | 86.39 | -8.82 | -13.00 | 4.18 | -23.17 | -10.17 |
| 40466.13 | Mid | CC0-CC7(NC) | QPSK | 45 | 154 | 10 | -63.92 | 45.35 | 88.43 | -6.78 | -13.00 | 6.22 |  |  |
| 40339.38 | High | CC0-CC7(NC) | QPSK | 135 | 146 | 11 | -69.13 | 45.35 | 83.22 | -11.99 | -13.00 | 1.01 | -26.14 | -13.14 |
| 40134.95 | High | CC0-CC7(NC) | QPSK | 45 | 155 | 11 | -68.73 | 45.35 | 83.62 | -11.59 | -13.00 | 1.41 |  |  |
| 41266.02 | High | CC0-CC7(NC) | QPSK | 135 | 146 | 11 | -67.05 | 45.45 | 85.40 | -9.81 | -13.00 | 3.19 | -25.13 | -12.13 |
| 41266.02 | High | CC0-CC7(NC) | QPSK | 45 | 155 | 11 | -64.81 | 45.45 | 87.64 | -7.57 | -13.00 | 5.43 |  |  |

Table 7-21. Spurious Emissions ( 40 - 60GHz)

| FCC ID: A3LAT1K02-A10 | F/PCTEST | MEASUREMENT REPORT (CERTIFICATION) | snmsunf | Approved by: Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K19110702-01-R1.A3L | Test Dates: 02/18/2020-03/06/2020 | EUT Type: 5G Access Unit |  | Page 246 of 360 |

## Spurious Emissions EIRP Sample Calculation

The raw radiated spurious level is converted to field strength in $\mathrm{dB} \mu \mathrm{V} / \mathrm{m}$. Then, the RSE EIRP level is calculated by applying the additional factors shown below for a test distance of 2.61 meters.

RSE EIRP [dBm] = Analyzer Level [dBm] + AFCL [dB/m] + $107+20 \log \left(\mathrm{D}_{\mathrm{m}}\right)-104.8$ + Duty Corretion Factor

## Duty Cycle Correction Factor Calculation

```
- 1 Cycle Time \(=626 \mu \mathrm{~s}\)
- Tx on Time \(=468 \mu \mathrm{~s}\)
- Duty Cycle \(=\) Tx on Time \(/ 1\) Cycle Time \(=468 \mu \mathrm{~s} / 626 \mu \mathrm{~s}=0.75\)
    Duty cycle correction factor \(=10 \log _{10}(1 /\) Duty Cycle \()=10 \log _{10}(1 / 0.75)=1.26 \mathrm{~dB}\)
```

| FCC ID: A3LAT1K02-A10 | 局 PCTEST | MEASUREMENT REPORT (CERTIFICATION) | SnMSUN: | Approved by: <br> Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: 8K19110702-01-R1.A3L | Test Dates: 02/18/2020-03/06/2020 | EUT Type: <br> 5G Access Unit |  | Page 247 of 360 |

## (f)PCTEST

### 7.5.5 Radiated Spurious Emissions Plots ( $60-90 \mathrm{GHz}$ )



Plot 7-417. Radiated Spurious Plot 60-90 GHz (1CC QPSK Low Ch. Ant. Angle 135)


Plot 7-418. Radiated Spurious Plot 60-90 GHz (1CC QPSK Low Ch. Ant. Angle 45)

| FCC ID: A3LAT1K02-A10 | F\|PCTEST | MEASUREMENT REPORT (CERTIFICATION) | shmsunf | Approved by: <br> Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K19110702-01-R1.A3L | Test Dates: 02/18/2020-03/06/2020 | EUT Type: <br> 5G Access Unit |  | Page 248 of 360 |

## PCTEST



Plot 7-419. Radiated Spurious Plot 60-90 GHz (8CC QPSK Low Ch. Ant. Angle 135)


Plot 7-420. Radiated Spurious Plot 60-90 GHz (8CC QPSK Low Ch. Ant. Angle 45)

| FCC ID: A3LAT1K02-A10 |  | MEASUREMENT REPORT (CERTIFICATION) | snmsunf | Approved by: <br> Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K19110702-01-R1.A3L | Test Dates: 02/18/2020-03/06/2020 | EUT Type: <br> 5G Access Unit |  | Page 249 of 360 |

## PCTEST



Plot 7-421. Radiated Spurious Plot 60-90 GHz (8CC NC QPSK Low Ch. Ant. Angle 135)


Plot 7-422. Radiated Spurious Plot 60-90 GHz (8CC NC QPSK Low Ch. Ant. Angle 45)

| FCC ID: A3LAT1K02-A10 | F/PCTEST | MEASUREMENT REPORT (CERTIFICATION) | shmsung | Approved by: <br> Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: 8K19110702-01-R1.A3L | Test Dates: 02/18/2020-03/06/2020 | EUT Type: <br> 5G Access Unit |  | Page 250 of 360 |

## TrAPTEST



Plot 7-423. Radiated Spurious Plot 60-90 GHz (1CC QPSK Mid Ch. Ant. Angle 135)


Plot 7-424. Radiated Spurious Plot 60-90 GHz (1CC QPSK Mid Ch. Ant. Angle 45)

| FCC ID: A3LAT1K02-A10 |  | MEASUREMENT REPORT (CERTIFICATION) | snmsunf | Approved by: <br> Quality Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K19110702-01-R1.A3L | Test Dates: 02/18/2020-03/06/2020 | EUT Type: <br> 5G Access Unit |  | Page 251 of 360 |

