## (f)PCTEST



Plot 7-307. Conducted Average Output Power Plot
(B2_20M_1C_256QAM - Mid Channel, Port 2)

| Spectrum Analyzer 1 Channel Power | + |  |  |  |  | Meas Setup |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Inpulz 500 Frog Ret Int (S) NFE Adaptve | $\begin{aligned} & \text { Atton } 16 \text { d8 } \\ & \text { Premp } \\ & \text { apNo. of } \end{aligned}$ | Ting Free Run Gate: OH <br> AIF Gain Low | Canto Avar Rado | Freq 1.980000000 CHz old 500500 Stid None | $\begin{aligned} & \text { Avg Hold Number } \\ & 500 \end{aligned}$ |  |
| 1 Graph , |  |  |  |  |  | $\begin{aligned} & \text { Averging } \\ & \hline 10 \end{aligned}$ | Method |
| Scalediv 10.0 dB |  | Ref Value 40.cid |  |  |  | Of | Lmits |
| ${ }_{-0 \mathrm{Log}}$ |  |  |  |  |  | Average Mode |  |
| 30.0 |  |  |  |  |  | Exponenital | Meas Standard |
| no |  |  |  |  |  | Ineg BW |  |
|  |  |  |  |  |  | 20.000 MHz | Advanced |
| 100 |  |  |  |  |  | PSD Unit |  |
|  |  |  |  |  |  | dimHz | Gioual |
| $3300 \pm$ |  |  |  |  |  | IF Gain |  |
| Sementernather |  |  |  |  | Cumumaters PISAVG | Low Caln |  |
|  |  |  |  |  |  | Auto |  |
|  |  |  |  |  |  | Man |  |
| Center 1.98000 GHz \#Res BW 200.00 kHz |  | Ndeo EW 820 | kHz ${ }^{\text {²}}$ |  | Span 40 MHz Sweep 1.27 ms (1001 pts) | $\begin{aligned} & \text { Mear Setup } \\ & \text { Sumnay Trble } \end{aligned}$ |  |
| 2 Metics |  |  |  |  |  | Auto Caple |  |
| Total Chamel Power 3e | $39.38 \mathrm{dBm} / 20.0$ | MHz |  |  |  | Meas Preset |  |
| Total Power Spectral Density | 23,63 dE | mitz |  |  |  |  | Local |
| ¢ ¢ ¢ | Aug 03, 2021 8:38:06 PM |  |  |  | $\cdots 8$ |  |  |

Plot 7-309. Conducted Average Output Power Plot (B2_20M_1C_256QAM - High Channel, Port 0)


Plot 7-311. Conducted Average Output Power Plot (B2_20M_1C_256QAM - High Channel, Port 2)


Plot 7-308. Conducted Average Output Power Plot (B2_20M_1C_256QAM - Mid Channel, Port 3)


Plot 7-310. Conducted Average Output Power Plot (B2_20M_1C_256QAM - High Channel, Port 1)


Plot 7-312. Conducted Average Output Power Plot (B2_20M_1C_256QAM - High Channel, Port 3)

| FCC ID: A3LRF4437D-25D | F) PCTEST | MEASUREMENT REPORT | Snmsunf | Approved by: <br> Technical Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K21071202-02-R2.A3L | Test Dates: 07/19/2021-08/18/2021 | EUT Type: <br> RRU(RF4437d) |  | Page 87 of 430 |

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| Low Channel | Port | QPSK | 16QAM | 64QAM | 256QAM |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Conducted Average Power (dBm) | 0 | 39.48 | 39.59 | 39.63 | 39.57 |
|  | 1 | 39.42 | 39.57 | 39.59 | 39.44 |
|  | 2 | 39.58 | 39.61 | 39.68 | 39.61 |
|  | 3 | 39.71 | 39.76 | 39.82 | 39.68 |
| Total MIMO Conducted Power (mW) |  | 36053.66 | 36759.96 | 37166.13 | 36278.35 |
| Total MIMO Conducted Power (dBm) |  | 45.57 | 45.65 | 45.70 | 45.60 |

Table 7-36. Conducted Average Output Power Table (B2_5M+5M_2C - Low Channel)

| Middle Channel | Port | QPSK | 16QAM | 64QAM | 256QAM |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Conducted Average Power (dBm) | 0 | 39.47 | 39.40 | 39.48 | 39.45 |
|  | 1 | 39.42 | 39.43 | 39.52 | 39.46 |
|  | 2 | 39.64 | 39.43 | 39.56 | 39.60 |
|  | 3 | 39.74 | 39.65 | 39.72 | 39.69 |
| Total MIMO Conducted Power (mW) |  | 36224.39 | 35475.37 | 36237.32 | 36072.47 |
| Total MIMO Conducted Power (dBm) |  | 45.59 | 45.50 | 45.59 | 45.57 |

Table 7-37. Conducted Average Output Power Table (B2_5M+5M_2C - Middle Channel)

| High Channel | Port | QPSK | 16QAM | 64QAM | 256QAM |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Conducted Average Power (dBm) | 0 | 39.47 | 39.38 | 39.49 | 39.43 |
|  | 1 | 39.45 | 39.34 | 39.46 | 39.42 |
|  | 2 | 39.57 | 39.50 | 39.60 | 39.60 |
|  | 3 | 39.60 | 39.59 | 39.64 | 39.69 |
| Total MIMO Conducted Power (mW) |  | 35839.08 | 35271.40 | 36047.41 | 35951.03 |
| Total MIMO Conducted Power (dBm) |  | 45.54 | 45.47 | 45.57 | 45.56 |

Table 7-38. Conducted Average Output Power Table (B2_5M+5M_2C - High Channel)

| FCC ID: A3LRF4437D-25D | F-PCTEST | MEASUREMENT REPORT | Snmsun | Approved by: <br> Technical Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K21071202-02-R2.A3L | Test Dates: $07 / 19 / 2021-08 / 18 / 2021$ | EUT Type: <br> RRU(RF4437d) |  | Page 88 of 430 |


| Low Channel | Port | QPSK | 16QAM | 64QAM | 256QAM |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Conducted Average Power (dBm) | 0 | 39.46 | 39.41 | 39.39 | 39.38 |
|  | 1 | 39.27 | 39.30 | 39.27 | 39.26 |
|  | 2 | 39.42 | 39.52 | 39.45 | 39.41 |
|  | 3 | 39.56 | 39.62 | 39.52 | 39.54 |
| Total MIMO Conducted Power (mW) |  | 35069.92 | 35356.95 | 34906.53 | 34827.66 |
| Total MIMO Conducted Power (dBm) |  | 45.45 | 45.48 | 45.43 | 45.42 |

Table 7-39. Conducted Average Output Power Table (B2_5M+20M_2C - Low Channel)

| Middle Channel | Port | QPSK | 16QAM | 64QAM | 256QAM |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Conducted Average Power (dBm) | 0 | 39.28 | 39.29 | 39.39 | 39.31 |
|  | 1 | 39.20 | 39.20 | 39.24 | 39.26 |
|  | 2 | 39.40 | 39.39 | 39.49 | 39.43 |
|  | 3 | 39.46 | 39.55 | 39.65 | 39.53 |
| Total MIMO Conducted Power (mW) |  | 34330.35 | 34514.76 | 35201.93 | 34708.64 |
| Total MIMO Conducted Power (dBm) |  | 45.36 | 45.38 | 45.47 | 45.40 |

Table 7-40. Conducted Average Output Power Table (B2_5M+20M_2C - Middle Channel)

| High Channel | Port | QPSK | 16QAM | 64QAM | 256QAM |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Conducted Average Power (dBm) | 0 | 39.38 | 39.34 | 39.38 | 39.41 |
|  | 1 | 39.20 | 39.17 | 39.28 | 39.27 |
|  | 2 | 39.40 | 39.42 | 39.48 | 39.47 |
|  | 3 | 39.53 | 39.51 | 39.61 | 39.54 |
| Total MIMO Conducted Power (mW) |  | 34671.18 | 34533.41 | 35154.59 | 35028.63 |
| Total MIMO Conducted Power (dBm) |  | 45.40 | 45.38 | 45.46 | 45.44 |

Table 7-41. Conducted Average Output Power Table (B2_5M+20M_2C - High Channel)

| FCC ID: A3LRF4437D-25D | F1PCTEST | MEASUREMENT REPORT | SMMSUNA | Approved by: <br> Technical Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: 8K21071202-02-R2.A3L | Test Dates: 07/19/2021-08/18/2021 | EUT Type: <br> RRU(RF4437d) |  | Page 89 of 430 |


| Low Channel | Port | QPSK | 16QAM | 64QAM | 256QAM |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Conducted Average Power (dBm) | 0 | 39.45 | 39.39 | 39.43 | 39.39 |
|  | 1 | 39.29 | 39.30 | 39.27 | 39.29 |
|  | 2 | 39.46 | 39.44 | 39.41 | 39.47 |
|  | 3 | 39.54 | 39.60 | 39.55 | 39.63 |
| Total MIMO Conducted Power (mW) |  | 35128.07 | 35111.32 | 34968.22 | 35215.89 |
| Total MIMO Conducted Power (dBm) |  | 45.46 | 45.45 | 45.44 | 45.47 |

Table 7-42. Conducted Average Output Power Table (B2_10M+20M_2C - Low Channel)

| Middle Channel | Port | QPSK | 16QAM | 64QAM | 256QAM |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Conducted Average Power (dBm) | 0 | 39.35 | 39.39 | 39.39 | 39.42 |
|  | 1 | 39.20 | 39.28 | 39.28 | 39.28 |
|  | 2 | 39.39 | 39.53 | 39.58 | 39.53 |
|  | 3 | 39.54 | 39.65 | 39.64 | 39.64 |
| Total MIMO Conducted Power (mW) |  | 34612.16 | 35361.88 | 35444.58 | 35400.90 |
| Total MIMO Conducted Power (dBm) |  | 45.39 | 45.49 | 45.50 | 45.49 |

Table 7-43. Conducted Average Output Power Table (B2_10M+20M_2C - Middle Channel)

| High Channel | Port | QPSK | 16QAM | 64QAM | 256QAM |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Conducted Average Power (dBm) | 0 | 39.57 | 39.35 | 39.46 | 39.42 |
|  | 1 | 39.35 | 39.40 | 39.24 | 39.26 |
|  | 2 | 39.63 | 39.47 | 39.48 | 39.49 |
|  | 3 | 39.71 | 39.55 | 39.62 | 39.60 |
| Total MIMO Conducted Power (mW) |  | 36204.65 | 35186.44 | 35259.16 | 35195.30 |
| Total MIMO Conducted Power$(\mathrm{dBm})$ |  | 45.59 | 45.46 | 45.47 | 45.46 |

Table 7-44. Conducted Average Output Power Table (B2_10M+20M_2C - High Channel)

| FCC ID: A3LRF4437D-25D | F)PCTEST | MEASUREMENT REPORT | Snmsun | Approved by: <br> Technical Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K21071202-02-R2.A3L | Test Dates: $07 / 19 / 2021-08 / 18 / 2021$ | EUT Type: <br> RRU(RF4437d) |  | Page 90 of 430 |

## (f)PCTEST



Plot 7-313. Conducted Average Output Power Plot (B2_5M+5M_2C_16QAM - Low Channel, Port 0)


Plot 7-315. Conducted Average Output Power Plot (B2_5M+5M_2C_16QAM - Low Channel, Port 2)


Plot 7-317. Conducted Average Output Power Plot (B2_5M+5M_2C_QPSK - Mid Channel, Port 0)


Plot 7-314. Conducted Average Output Power Plot
(B2_5M+5M_2C_16QAM - Low Channel, Port 1)


Plot 7-316. Conducted Average Output Power Plot (B2_5M+5M_2C_16QAM - Low Channel, Port 3)


Plot 7-318. Conducted Average Output Power Plot (B2_5M+5M_2C_ QPSK - Mid Channel, Port 1)

| FCC ID: A3LRF4437D-25D | F-PCTEST | MEASUREMENT REPORT | SMMSUNE | Approved by: <br> Technical Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K21071202-02-R2.A3L | Test Dates: $07 / 19 / 2021-08 / 18 / 2021$ | EUT Type: <br> RRU(RF4437d) |  | Page 91 of 430 |

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Plot 7-319. Conducted Average Output Power Plot
(B2_5M+5M_2C_ QPSK - Mid Channel, Port 2)


Plot 7-321. Conducted Average Output Power Plot (B2_5M+5M_2C_256QAM - High Channel, Port 0)


Plot 7-323. Conducted Average Output Power Plot (B2_5M+5M_2C_256QAM - High Channel, Port 2)


Plot 7-320. Conducted Average Output Power Plot (B2_5M+5M_2C_ QPSK - Mid Channel, Port 3)


Plot 7-322. Conducted Average Output Power Plot (B2_5M+5M_2C_256QAM - High Channel, Port 1)


Plot 7-324. Conducted Average Output Power Plot (B2_5M+5M_2C_256QAM - High Channel, Port 3)

| FCC ID: A3LRF4437D-25D | F)PCTEST | MEASUREMENT REPORT | SHMSUNE | Approved by: <br> Technical Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K21071202-02-R2.A3L | Test Dates: <br> 07/19/2021-08/18/2021 | EUT Type: <br> RRU(RF4437d) |  | Page 92 of 430 |

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Plot 7-325. Conducted Average Output Power Plot
(B2_5M+20M_2C_16QAM - Low Channel, Port 0)


Plot 7-327. Conducted Average Output Power Plot (B2_5M+20M_2C_16QAM - Low Channel, Port 2)


Plot 7-329. Conducted Average Output Power Plot (B2_5M+20M_2C_64QAM - Mid Channel, Port 0)


Plot 7-326. Conducted Average Output Power Plot
(B2_5M+20M_2C_16QAM - Low Channel, Port 1)


Plot 7-328. Conducted Average Output Power Plot (B2_5M+20M_2C_16QAM - Low Channel, Port 3)


Plot 7-330. Conducted Average Output Power Plot (B2_5M+20M_2C_64QAM - Mid Channel, Port 1)

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| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K21071202-02-R2.A3L | Test Dates: 07/19/2021-08/18/2021 | EUT Type: RRU(RF4437d) |  | Page 93 of 430 |

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Plot 7-331. Conducted Average Output Power Plot
(B2_5M+20M_2C_64QAM - Mid Channel, Port 2)


Plot 7-333. Conducted Average Output Power Plot (B2_5M+20M_2C_64QAM - High Channel, Port 0)


Plot 7-335. Conducted Average Output Power Plot
(B2_5M+20M_2C_64QAM - High Channel, Port 2)


Plot 7-332. Conducted Average Output Power Plot
(B2_5M+20M_2C_64QAM - Mid Channel, Port 3)


Plot 7-334. Conducted Average Output Power Plot (B2_5M+20M_2C_64QAM - High Channel, Port 1)


Plot 7-336. Conducted Average Output Power Plot
(B2_5M+20M_2C_64QAM - High Channel, Port 3)

| FCC ID: A3LRF4437D-25D | F)PCTEST | MEASUREMENT REPORT | shmsuna | Approved by: <br> Technical Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K21071202-02-R2.A3L | Test Dates: <br> 07/19/2021-08/18/2021 | EUT Type: <br> RRU(RF4437d) |  | Page 94 of 430 |

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Plot 7-337. Conducted Average Output Power Plot
(B2_10M+20M_2C_256QAM - Low Channel, Port 0)


Plot 7-339. Conducted Average Output Power Plot (B2_10M+20M_2C_256QAM - Low Channel, Port 2)


Plot 7-341. Conducted Average Output Power Plot
(B2_10M+20M_2C_16QAM - Mid Channel, Port 0)


Plot 7-338. Conducted Average Output Power Plot
(B2_10M+20M_2C_256QAM - Low Channel, Port 1)


Plot 7-340. Conducted Average Output Power Plot (B2_10M+20M_2C_256QAM - Low Channel, Port 3)


Plot 7-342. Conducted Average Output Power Plot (B2_10M+20M_2C_16QAM - Mid Channel, Port 1)

| FCC ID: A3LRF4437D-25D | F) PCTEST | MEASUREMENT REPORT | shmsunf | Approved by: <br> Technical Manager |
| :---: | :---: | :---: | :---: | :---: |
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RRU(RF4437d)

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Plot 7-343. Conducted Average Output Power Plot
(B2_10M+20M_2C_16QAM - Mid Channel, Port 2)


Plot 7-345. Conducted Average Output Power Plot
(B2_10M+20M_2C_QPSK - High Channel, Port 0)


Plot 7-347. Conducted Average Output Power Plot (B2_10M+20M_2C_QPSK - High Channel, Port 2)


Plot 7-344. Conducted Average Output Power Plot
(B2_10M+20M_2C_16QAM - Mid Channel, Port 3)


Plot 7-346. Conducted Average Output Power Plot (B2_10M+20M_2C_QPSK - High Channel, Port 1)


Plot 7-348. Conducted Average Output Power Plot
(B2_10M+20M_2C_QPSK - High Channel, Port 3)

| FCC ID: A3LRF4437D-25D | F)PCTEST | MEASUREMENT REPORT | SMMSUN: | Approved by: <br> Technical Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K21071202-02-R2.A3L | Test Dates: 07/19/2021-08/18/2021 | EUT Type: RRU(RF4437d) |  | Page 96 of 430 |

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| Low Channel | Port | QPSK | 16QAM | 64QAM | 256QAM |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Conducted Average Power (dBm) | 0 | 39.67 | 39.50 | 39.55 | 39.46 |
|  | 1 | 39.36 | 39.38 | 39.39 | 39.40 |
|  | 2 | 39.46 | 39.57 | 39.60 | 39.48 |
|  | 3 | 39.61 | 39.65 | 39.65 | 39.66 |
| Total MIMO Conducted Power (mW) |  | 35870.02 | 35865.17 | 36051.14 | 35658.98 |
| Total MIMO Conducted Power (dBm) |  | 45.55 | 45.55 | 45.57 | 45.52 |

Table 7-45. Conducted Average Output Power Table (B2_5M+5M+5M_3C - Low Channel)

| Middle Channel | Port | QPSK | 16QAM | 64QAM | 256QAM |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0 | 39.42 | 39.44 | 39.42 | 39.45 |
|  | 1 | 39.26 | 39.26 | 39.32 | 39.31 |
| Conducted Average <br> Power (dBm) | 2 | 39.44 | 39.47 | 39.50 | 39.51 |
|  | 3 | 39.54 | 39.54 | 39.56 | 39.64 |
| Total MIMO Conducted Power |  |  |  |  |  |
| $(\mathrm{mW})$ |  |  |  |  |  |

Table 7-46. Conducted Average Output Power Table (B2_5M+5M+5M_3C - Middle Channel)

| High Channel | Port | QPSK | 16QAM | 64QAM | 256QAM |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0 | 39.57 | 39.46 | 39.58 | 39.47 |  |  |  |  |  |
|  | 1 | 39.47 | 39.36 | 39.35 | 39.44 |  |  |  |  |  |
| Conducted Average <br> Power (dBm) | 2 | 39.60 | 39.57 | 39.57 | 39.63 |  |  |  |  |  |
|  | 3 | 39.73 | 39.65 | 39.65 | 39.66 |  |  |  |  |  |
| Total MIMO Conducted Power <br> $(\mathrm{mW})$ |  |  |  |  |  |  | 36425.82 | 35743.62 | 35971.18 | 36071.69 |
| Total MIMO Conducted Power <br> $(\mathrm{dBm})$ |  | 45.61 | 45.53 | 45.56 | 45.57 |  |  |  |  |  |

Table 7-47. Conducted Average Output Power Table (B2_5M+5M+5M_3C - High Channel)

| FCC ID: A3LRF4437D-25D | F-PCTEST | MEASUREMENT REPORT | SIMSUNE | Approved by: <br> Technical Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: 8K21071202-02-R2.A3L | Test Dates: <br> 07/19/2021-08/18/2021 | EUT Type: <br> RRU(RF4437d) |  | Page 97 of 430 |


| Low Channel | Port | QPSK | 16QAM | 64QAM | 256QAM |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Conducted Average Power (dBm) | 0 | 39.38 | 39.31 | 39.24 | 39.37 |
|  | 1 | 39.24 | 39.24 | 39.13 | 39.42 |
|  | 2 | 39.34 | 39.32 | 39.29 | 39.42 |
|  | 3 | 39.55 | 39.47 | 39.39 | 39.47 |
| Total MIMO Conducted Power (mW) |  | 34670.07 | 34327.42 | 33760.66 | 35000.51 |
| Total MIMO Conducted Power (dBm) |  | 45.40 | 45.36 | 45.28 | 45.44 |

Table 7-48. Conducted Average Output Power Table (B2_5M+5M+20M_3C - Low Channel)

| Middle Channel | Port | QPSK | 16QAM | 64QAM | 256QAM |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Conducted Average Power (dBm) | 0 | 39.33 | 39.37 | 39.42 | 39.42 |
|  | 1 | 39.36 | 39.39 | 39.34 | 39.38 |
|  | 2 | 39.45 | 39.47 | 39.43 | 39.45 |
|  | 3 | 39.54 | 39.57 | 39.60 | 39.59 |
| Total MIMO Conducted Power (mW) |  | 35005.63 | 35247.77 | 35230.09 | 35329.08 |
| Total MIMO Conducted Power (dBm) |  | 45.44 | 45.47 | 45.47 | 45.48 |

Table 7-49. Conducted Average Output Power Table (B2_5M+5M+20M_3C - Middle Channel)

| High Channel | Port | QPSK | 16QAM | 64QAM | 256QAM |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0 | 39.34 | 39.34 | 39.37 | 39.40 |
| Conducted Average <br> Power (dBm) | 1 | 39.28 | 39.33 | 39.36 | 39.39 |
|  | 2 | 39.44 | 39.46 | 39.39 | 39.43 |
|  | 3 | 39.54 | 39.50 | 39.61 | 39.53 |
| Total MIMO Conducted Power <br> $(\mathrm{mW})$ |  | 34847.61 | 34903.82 | 35110.20 | 35143.54 |
| Total MIMO Conducted Power <br> $(\mathrm{dBm})$ |  | 45.42 | 45.43 | 45.45 | 45.46 |

Table 7-50. Conducted Average Output Power Table (B2_5M+5M+20M_3C - High Channel)

| FCC ID: A3LRF4437D-25D | F)PCTEST | MEASUREMENT REPORT | SMMSUN | Approved by: <br> Technical Manager |
| :---: | :---: | :---: | :---: | :---: |
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## (f)PCTEST



Plot 7-349. Conducted Average Output Power Plot (B2_5M+5M+5M_3C_64QAM - Low Channel, Port 0)


Plot 7-351. Conducted Average Output Power Plot (B2_5M+5M+5M_3C_64QAM - Low Channel, Port 2)


Plot 7-353. Conducted Average Output Power Plot (B2_5M+5M+5M_3C_256QAM - Mid Channel, Port 0)


Plot 7-350. Conducted Average Output Power Plot
(B2_5M+5M+5M_3C_64QAM - Low Channel, Port 1)


Plot 7-352. Conducted Average Output Power Plot (B2_5M+5M+5M_3C_64QAM - Low Channel, Port 3)


Plot 7-354. Conducted Average Output Power Plot (B2_5M+5M+5M_3C_256QAM - Mid Channel, Port 1)

| FCC ID: A3LRF4437D-25D | F) PCTEST | MEASUREMENT REPORT | Snmsung | Approved by: <br> Technical Manager |
| :---: | :---: | :---: | :---: | :---: |
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RRU(RF4437d)

## (f)PCTEST



Plot 7-355. Conducted Average Output Power Plot (B2_5M+5M+5M_3C_256QAM - Mid Channel, Port 2)


Plot 7-357. Conducted Average Output Power Plot (B2_5M+5M+5M_3C_QPSK - High Channel, Port 0)


Plot 7-359. Conducted Average Output Power Plot
(B2_5M+5M+5M_3C_QPSK - High Channel, Port 2)


Plot 7-356. Conducted Average Output Power Plot
(B2_5M+5M+5M_3C_256QAM - Mid Channel, Port 3)


Plot 7-358. Conducted Average Output Power Plot (B2_5M+5M+5M_3C_QPSK - High Channel, Port 1)


Plot 7-360. Conducted Average Output Power Plot (B2_5M+5M+5M_3C_QPSK - High Channel, Port 3)

| FCC ID: A3LRF4437D-25D | F) PCTEST | MEASUREMENT REPORT | Snmsung | Approved by: <br> Technical Manager |
| :---: | :---: | :---: | :---: | :---: |
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## (f)PCTEST



Plot 7-361. Conducted Average Output Power Plot (B2_5M+5M+20M_3C_256QAM - Low Channel, Port 0)


Plot 7-363. Conducted Average Output Power Plot
(B2_5M+5M+20M_3C_256QAM - Low Channel, Port 2)


Plot 7-365. Conducted Average Output Power Plot (B2_5M+5M+20M_3C_256QAM - Mid Channel, Port 0)


Plot 7-362. Conducted Average Output Power Plot
(B2_5M+5M+20M_3C_256QAM - Low Channel, Port 1)


Plot 7-364. Conducted Average Output Power Plot (B2_5M+5M+20M_3C_256QAM - Low Channel, Port 3)


Plot 7-366. Conducted Average Output Power Plot (B2_5M+5M+20M_3C_256QAM - Mid Channel, Port 1)

| FCC ID: A3LRF4437D-25D | F-PCTEST | MEASUREMENT REPORT | SAMSUNE | Approved by: <br> Technical Manager |
| :---: | :---: | :---: | :---: | :---: |
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## (T)PCTEST



Plot 7-367. Conducted Average Output Power Plot (B2_5M+5M+20M_3C_256QAM - Mid Channel, Port 2)


Plot 7-369. Conducted Average Output Power Plot (B2_5M+5M+20M_3C_256QAM - High Channel, Port 0)


Plot 7-371. Conducted Average Output Power Plot (B2_5M+5M+20M_3C_256QAM - High Channel, Port 2)


Plot 7-368. Conducted Average Output Power Plot (B2_5M+5M+20M_3C_256QAM - Mid Channel, Port 3)


Plot 7-370. Conducted Average Output Power Plot (B2_5M+5M+20M_3C_256QAM - High Channel, Port 1)


Plot 7-372. Conducted Average Output Power Plot (B2_5M+5M+20M_3C_256QAM - High Channel, Port 3)

| FCC ID: A3LRF4437D-25D | (F)PCTEST | MEASUREMENT REPORT | SHMSUNA | Approved by: <br> Technical Manager |
| :---: | :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 8K21071202-02-R2.A3L | Test Dates: <br> 07/19/2021-08/18/2021 | EUT Type: RRU(RF4437d) |  | Page 102 of 430 |

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[^0]:    PK-QP-16-14 Rev. 01
    

