

# Appendix-A LTE Band 5

## Effective (Isotropic) Radiated Power Output Data

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result (dBm) | ERP (dBm) | Limit (dBm) | Verdict |
|-------|-----------|------------|---------|------------------|--------------|-----------|-------------|---------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0            | 24.31        | 23.48     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 6RB#0            | 23.38        | 22.55     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#2            | 24.30        | 23.47     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#5            | 24.29        | 23.46     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#0            | 24.12        | 23.29     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 6RB#0            | 23.20        | 22.37     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#2            | 24.18        | 23.35     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#5            | 24.14        | 23.31     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#0            | 23.93        | 23.1      | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0            | 22.94        | 22.11     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#2            | 23.84        | 23.01     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#5            | 23.82        | 22.99     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#0            | 23.62        | 22.79     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | 22.44        | 21.61     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#2            | 23.72        | 22.89     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#5            | 23.66        | 22.83     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#0            | 23.49        | 22.66     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 6RB#0            | 22.22        | 21.39     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#2            | 23.68        | 22.85     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#5            | 23.49        | 22.66     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#0            | 23.32        | 22.49     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 6RB#0            | 22.07        | 21.24     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#2            | 23.12        | 22.29     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#5            | 23.16        | 22.33     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20407   | 1RB#0            | 22.43        | 21.6      | 38.45       | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20407   | 6RB#0            | 21.42        | 20.59     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20407   | 1RB#2            | 22.50        | 21.67     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20407   | 1RB#5            | 22.61        | 21.78     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20525   | 1RB#0            | 22.29        | 21.46     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20525   | 6RB#0            | 21.11        | 20.28     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20525   | 1RB#2            | 22.23        | 21.4      | 38.45       | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20525   | 1RB#5            | 22.25        | 21.42     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20643   | 1RB#0            | 22.08        | 21.25     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20643   | 6RB#0            | 20.91        | 20.08     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20643   | 1RB#2            | 22.09        | 21.26     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20643   | 1RB#5            | 22.11        | 21.28     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 256QAM     | 20407   | 1RB#0            | 19.52        | 18.69     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 256QAM     | 20407   | 6RB#0            | 19.40        | 18.57     | 38.45       | PASS    |

|       |        |        |       |        |       |       |       |      |
|-------|--------|--------|-------|--------|-------|-------|-------|------|
| Band5 | 1.4MHz | 256QAM | 20407 | 1RB#2  | 19.52 | 18.69 | 38.45 | PASS |
| Band5 | 1.4MHz | 256QAM | 20407 | 1RB#5  | 19.61 | 18.78 | 38.45 | PASS |
| Band5 | 1.4MHz | 256QAM | 20525 | 1RB#0  | 19.82 | 18.99 | 38.45 | PASS |
| Band5 | 1.4MHz | 256QAM | 20525 | 6RB#0  | 19.22 | 18.39 | 38.45 | PASS |
| Band5 | 1.4MHz | 256QAM | 20525 | 1RB#2  | 19.25 | 18.42 | 38.45 | PASS |
| Band5 | 1.4MHz | 256QAM | 20525 | 1RB#5  | 19.17 | 18.34 | 38.45 | PASS |
| Band5 | 1.4MHz | 256QAM | 20643 | 1RB#0  | 19.38 | 18.55 | 38.45 | PASS |
| Band5 | 1.4MHz | 256QAM | 20643 | 6RB#0  | 19.03 | 18.2  | 38.45 | PASS |
| Band5 | 1.4MHz | 256QAM | 20643 | 1RB#2  | 19.13 | 18.3  | 38.45 | PASS |
| Band5 | 1.4MHz | 256QAM | 20643 | 1RB#5  | 19.26 | 18.43 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK   | 20415 | 1RB#0  | 24.36 | 23.53 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK   | 20415 | 15RB#0 | 23.31 | 22.48 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK   | 20415 | 1RB#8  | 24.29 | 23.46 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK   | 20415 | 1RB#14 | 24.29 | 23.46 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK   | 20525 | 1RB#0  | 24.23 | 23.4  | 38.45 | PASS |
| Band5 | 3MHz   | QPSK   | 20525 | 15RB#0 | 23.13 | 22.3  | 38.45 | PASS |
| Band5 | 3MHz   | QPSK   | 20525 | 1RB#8  | 24.26 | 23.43 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK   | 20525 | 1RB#14 | 24.10 | 23.27 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK   | 20635 | 1RB#0  | 24.20 | 23.37 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK   | 20635 | 15RB#0 | 23.12 | 22.29 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK   | 20635 | 1RB#8  | 24.01 | 23.18 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK   | 20635 | 1RB#14 | 23.93 | 23.1  | 38.45 | PASS |
| Band5 | 3MHz   | 16QAM  | 20415 | 1RB#0  | 23.68 | 22.85 | 38.45 | PASS |
| Band5 | 3MHz   | 16QAM  | 20415 | 15RB#0 | 22.39 | 21.56 | 38.45 | PASS |
| Band5 | 3MHz   | 16QAM  | 20415 | 1RB#8  | 23.61 | 22.78 | 38.45 | PASS |
| Band5 | 3MHz   | 16QAM  | 20415 | 1RB#14 | 23.59 | 22.76 | 38.45 | PASS |
| Band5 | 3MHz   | 16QAM  | 20525 | 1RB#0  | 23.40 | 22.57 | 38.45 | PASS |
| Band5 | 3MHz   | 16QAM  | 20525 | 15RB#0 | 22.10 | 21.27 | 38.45 | PASS |
| Band5 | 3MHz   | 16QAM  | 20525 | 1RB#8  | 23.39 | 22.56 | 38.45 | PASS |
| Band5 | 3MHz   | 16QAM  | 20525 | 1RB#14 | 23.36 | 22.53 | 38.45 | PASS |
| Band5 | 3MHz   | 16QAM  | 20635 | 1RB#0  | 23.39 | 22.56 | 38.45 | PASS |
| Band5 | 3MHz   | 16QAM  | 20635 | 15RB#0 | 22.13 | 21.3  | 38.45 | PASS |
| Band5 | 3MHz   | 16QAM  | 20635 | 1RB#8  | 23.46 | 22.63 | 38.45 | PASS |
| Band5 | 3MHz   | 16QAM  | 20635 | 1RB#14 | 23.33 | 22.5  | 38.45 | PASS |
| Band5 | 3MHz   | 64QAM  | 20415 | 1RB#0  | 22.45 | 21.62 | 38.45 | PASS |
| Band5 | 3MHz   | 64QAM  | 20415 | 15RB#0 | 21.32 | 20.49 | 38.45 | PASS |
| Band5 | 3MHz   | 64QAM  | 20415 | 1RB#8  | 22.51 | 21.68 | 38.45 | PASS |
| Band5 | 3MHz   | 64QAM  | 20415 | 1RB#14 | 22.34 | 21.51 | 38.45 | PASS |
| Band5 | 3MHz   | 64QAM  | 20525 | 1RB#0  | 22.22 | 21.39 | 38.45 | PASS |
| Band5 | 3MHz   | 64QAM  | 20525 | 15RB#0 | 21.02 | 20.19 | 38.45 | PASS |
| Band5 | 3MHz   | 64QAM  | 20525 | 1RB#8  | 22.46 | 21.63 | 38.45 | PASS |
| Band5 | 3MHz   | 64QAM  | 20525 | 1RB#14 | 22.19 | 21.36 | 38.45 | PASS |
| Band5 | 3MHz   | 64QAM  | 20635 | 1RB#0  | 22.18 | 21.35 | 38.45 | PASS |
| Band5 | 3MHz   | 64QAM  | 20635 | 15RB#0 | 21.01 | 20.18 | 38.45 | PASS |
| Band5 | 3MHz   | 64QAM  | 20635 | 1RB#8  | 22.13 | 21.3  | 38.45 | PASS |

|       |      |        |       |        |       |       |       |      |
|-------|------|--------|-------|--------|-------|-------|-------|------|
| Band5 | 3MHz | 64QAM  | 20635 | 1RB#14 | 22.00 | 21.17 | 38.45 | PASS |
| Band5 | 3MHz | 256QAM | 20415 | 1RB#0  | 19.37 | 18.54 | 38.45 | PASS |
| Band5 | 3MHz | 256QAM | 20415 | 15RB#0 | 19.42 | 18.59 | 38.45 | PASS |
| Band5 | 3MHz | 256QAM | 20415 | 1RB#8  | 19.49 | 18.66 | 38.45 | PASS |
| Band5 | 3MHz | 256QAM | 20415 | 1RB#14 | 19.49 | 18.66 | 38.45 | PASS |
| Band5 | 3MHz | 256QAM | 20525 | 1RB#0  | 19.50 | 18.67 | 38.45 | PASS |
| Band5 | 3MHz | 256QAM | 20525 | 15RB#0 | 19.15 | 18.32 | 38.45 | PASS |
| Band5 | 3MHz | 256QAM | 20525 | 1RB#8  | 19.32 | 18.49 | 38.45 | PASS |
| Band5 | 3MHz | 256QAM | 20525 | 1RB#14 | 19.10 | 18.27 | 38.45 | PASS |
| Band5 | 3MHz | 256QAM | 20635 | 1RB#0  | 19.64 | 18.81 | 38.45 | PASS |
| Band5 | 3MHz | 256QAM | 20635 | 15RB#0 | 19.14 | 18.31 | 38.45 | PASS |
| Band5 | 3MHz | 256QAM | 20635 | 1RB#8  | 19.22 | 18.39 | 38.45 | PASS |
| Band5 | 3MHz | 256QAM | 20635 | 1RB#14 | 19.12 | 18.29 | 38.45 | PASS |
| Band5 | 5MHz | QPSK   | 20425 | 1RB#0  | 24.33 | 23.5  | 38.45 | PASS |
| Band5 | 5MHz | QPSK   | 20425 | 25RB#0 | 23.42 | 22.59 | 38.45 | PASS |
| Band5 | 5MHz | QPSK   | 20425 | 1RB#12 | 24.46 | 23.63 | 38.45 | PASS |
| Band5 | 5MHz | QPSK   | 20425 | 1RB#24 | 24.34 | 23.51 | 38.45 | PASS |
| Band5 | 5MHz | QPSK   | 20525 | 1RB#0  | 24.17 | 23.34 | 38.45 | PASS |
| Band5 | 5MHz | QPSK   | 20525 | 25RB#0 | 23.12 | 22.29 | 38.45 | PASS |
| Band5 | 5MHz | QPSK   | 20525 | 1RB#12 | 24.24 | 23.41 | 38.45 | PASS |
| Band5 | 5MHz | QPSK   | 20525 | 1RB#24 | 24.08 | 23.25 | 38.45 | PASS |
| Band5 | 5MHz | QPSK   | 20625 | 1RB#0  | 24.11 | 23.28 | 38.45 | PASS |
| Band5 | 5MHz | QPSK   | 20625 | 25RB#0 | 23.16 | 22.33 | 38.45 | PASS |
| Band5 | 5MHz | QPSK   | 20625 | 1RB#12 | 24.12 | 23.29 | 38.45 | PASS |
| Band5 | 5MHz | QPSK   | 20625 | 1RB#24 | 23.98 | 23.15 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM  | 20425 | 1RB#0  | 23.65 | 22.82 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM  | 20425 | 25RB#0 | 22.40 | 21.57 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM  | 20425 | 1RB#12 | 23.75 | 22.92 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM  | 20425 | 1RB#24 | 23.63 | 22.8  | 38.45 | PASS |
| Band5 | 5MHz | 16QAM  | 20525 | 1RB#0  | 23.57 | 22.74 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM  | 20525 | 25RB#0 | 22.19 | 21.36 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM  | 20525 | 1RB#12 | 23.50 | 22.67 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM  | 20525 | 1RB#24 | 23.37 | 22.54 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM  | 20625 | 1RB#0  | 23.62 | 22.79 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM  | 20625 | 25RB#0 | 22.19 | 21.36 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM  | 20625 | 1RB#12 | 23.41 | 22.58 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM  | 20625 | 1RB#24 | 23.30 | 22.47 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM  | 20425 | 1RB#0  | 22.30 | 21.47 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM  | 20425 | 25RB#0 | 21.25 | 20.42 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM  | 20425 | 1RB#12 | 22.40 | 21.57 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM  | 20425 | 1RB#24 | 22.16 | 21.33 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM  | 20525 | 1RB#0  | 22.10 | 21.27 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM  | 20525 | 25RB#0 | 20.99 | 20.16 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM  | 20525 | 1RB#12 | 22.38 | 21.55 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM  | 20525 | 1RB#24 | 22.07 | 21.24 | 38.45 | PASS |

|       |       |        |       |        |       |       |       |      |
|-------|-------|--------|-------|--------|-------|-------|-------|------|
| Band5 | 5MHz  | 64QAM  | 20625 | 1RB#0  | 22.09 | 21.26 | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM  | 20625 | 25RB#0 | 20.99 | 20.16 | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM  | 20625 | 1RB#12 | 22.07 | 21.24 | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM  | 20625 | 1RB#24 | 22.06 | 21.23 | 38.45 | PASS |
| Band5 | 5MHz  | 256QAM | 20425 | 1RB#0  | 19.47 | 18.64 | 38.45 | PASS |
| Band5 | 5MHz  | 256QAM | 20425 | 25RB#0 | 19.44 | 18.61 | 38.45 | PASS |
| Band5 | 5MHz  | 256QAM | 20425 | 1RB#12 | 19.49 | 18.66 | 38.45 | PASS |
| Band5 | 5MHz  | 256QAM | 20425 | 1RB#24 | 19.39 | 18.56 | 38.45 | PASS |
| Band5 | 5MHz  | 256QAM | 20525 | 1RB#0  | 19.54 | 18.71 | 38.45 | PASS |
| Band5 | 5MHz  | 256QAM | 20525 | 25RB#0 | 19.12 | 18.29 | 38.45 | PASS |
| Band5 | 5MHz  | 256QAM | 20525 | 1RB#12 | 19.31 | 18.48 | 38.45 | PASS |
| Band5 | 5MHz  | 256QAM | 20525 | 1RB#24 | 19.15 | 18.32 | 38.45 | PASS |
| Band5 | 5MHz  | 256QAM | 20625 | 1RB#0  | 19.42 | 18.59 | 38.45 | PASS |
| Band5 | 5MHz  | 256QAM | 20625 | 25RB#0 | 19.12 | 18.29 | 38.45 | PASS |
| Band5 | 5MHz  | 256QAM | 20625 | 1RB#12 | 19.27 | 18.44 | 38.45 | PASS |
| Band5 | 5MHz  | 256QAM | 20625 | 1RB#24 | 19.07 | 18.24 | 38.45 | PASS |
| Band5 | 10MHz | QPSK   | 20450 | 1RB#0  | 24.22 | 23.39 | 38.45 | PASS |
| Band5 | 10MHz | QPSK   | 20450 | 50RB#0 | 23.42 | 22.59 | 38.45 | PASS |
| Band5 | 10MHz | QPSK   | 20450 | 1RB#24 | 24.13 | 23.3  | 38.45 | PASS |
| Band5 | 10MHz | QPSK   | 20450 | 1RB#49 | 24.25 | 23.42 | 38.45 | PASS |
| Band5 | 10MHz | QPSK   | 20525 | 1RB#0  | 24.10 | 23.27 | 38.45 | PASS |
| Band5 | 10MHz | QPSK   | 20525 | 50RB#0 | 23.21 | 22.38 | 38.45 | PASS |
| Band5 | 10MHz | QPSK   | 20525 | 1RB#24 | 24.19 | 23.36 | 38.45 | PASS |
| Band5 | 10MHz | QPSK   | 20525 | 1RB#49 | 24.12 | 23.29 | 38.45 | PASS |
| Band5 | 10MHz | QPSK   | 20600 | 1RB#0  | 24.05 | 23.22 | 38.45 | PASS |
| Band5 | 10MHz | QPSK   | 20600 | 50RB#0 | 23.18 | 22.35 | 38.45 | PASS |
| Band5 | 10MHz | QPSK   | 20600 | 1RB#24 | 24.08 | 23.25 | 38.45 | PASS |
| Band5 | 10MHz | QPSK   | 20600 | 1RB#49 | 23.95 | 23.12 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM  | 20450 | 1RB#0  | 23.41 | 22.58 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM  | 20450 | 50RB#0 | 22.41 | 21.58 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM  | 20450 | 1RB#24 | 23.65 | 22.82 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM  | 20450 | 1RB#49 | 23.49 | 22.66 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM  | 20525 | 1RB#0  | 23.39 | 22.56 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM  | 20525 | 50RB#0 | 22.16 | 21.33 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM  | 20525 | 1RB#24 | 23.57 | 22.74 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM  | 20525 | 1RB#49 | 23.39 | 22.56 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM  | 20600 | 1RB#0  | 23.38 | 22.55 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM  | 20600 | 50RB#0 | 22.16 | 21.33 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM  | 20600 | 1RB#24 | 23.44 | 22.61 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM  | 20600 | 1RB#49 | 23.25 | 22.42 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM  | 20450 | 1RB#0  | 22.52 | 21.69 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM  | 20450 | 50RB#0 | 21.26 | 20.43 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM  | 20450 | 1RB#24 | 22.42 | 21.59 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM  | 20450 | 1RB#49 | 22.32 | 21.49 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM  | 20525 | 1RB#0  | 22.09 | 21.26 | 38.45 | PASS |

|       |       |        |       |        |       |       |       |      |
|-------|-------|--------|-------|--------|-------|-------|-------|------|
| Band5 | 10MHz | 64QAM  | 20525 | 50RB#0 | 20.99 | 20.16 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM  | 20525 | 1RB#24 | 22.25 | 21.42 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM  | 20525 | 1RB#49 | 22.12 | 21.29 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM  | 20600 | 1RB#0  | 21.94 | 21.11 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM  | 20600 | 50RB#0 | 20.99 | 20.16 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM  | 20600 | 1RB#24 | 22.06 | 21.23 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM  | 20600 | 1RB#49 | 22.04 | 21.21 | 38.45 | PASS |
| Band5 | 10MHz | 256QAM | 20450 | 1RB#0  | 19.56 | 18.73 | 38.45 | PASS |
| Band5 | 10MHz | 256QAM | 20450 | 50RB#0 | 19.40 | 18.57 | 38.45 | PASS |
| Band5 | 10MHz | 256QAM | 20450 | 1RB#24 | 19.59 | 18.76 | 38.45 | PASS |
| Band5 | 10MHz | 256QAM | 20450 | 1RB#49 | 19.39 | 18.56 | 38.45 | PASS |
| Band5 | 10MHz | 256QAM | 20525 | 1RB#0  | 19.59 | 18.76 | 38.45 | PASS |
| Band5 | 10MHz | 256QAM | 20525 | 50RB#0 | 19.19 | 18.36 | 38.45 | PASS |
| Band5 | 10MHz | 256QAM | 20525 | 1RB#24 | 19.41 | 18.58 | 38.45 | PASS |
| Band5 | 10MHz | 256QAM | 20525 | 1RB#49 | 19.47 | 18.64 | 38.45 | PASS |
| Band5 | 10MHz | 256QAM | 20600 | 1RB#0  | 19.38 | 18.55 | 38.45 | PASS |
| Band5 | 10MHz | 256QAM | 20600 | 50RB#0 | 19.15 | 18.32 | 38.45 | PASS |
| Band5 | 10MHz | 256QAM | 20600 | 1RB#24 | 19.34 | 18.51 | 38.45 | PASS |
| Band5 | 10MHz | 256QAM | 20600 | 1RB#49 | 19.04 | 18.21 | 38.45 | PASS |

## Peak-to-Average Ratio(CCDF)

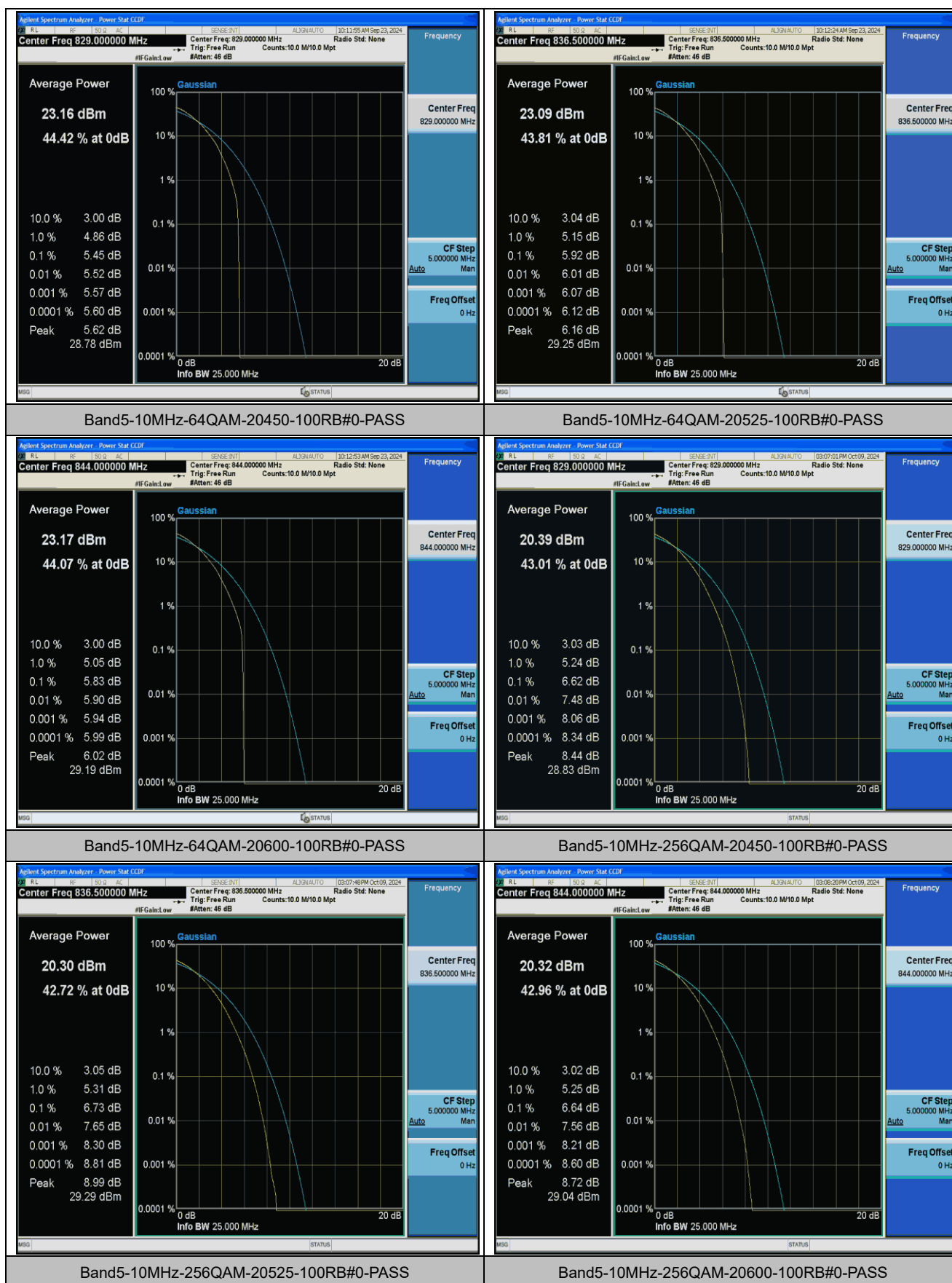
### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result (dB) | Limit (dB) | Verdict |
|-------|-----------|------------|---------|------------------|-------------|------------|---------|
| Band5 | 10MHz     | QPSK       | 20450   | 100RB#0          | 4.56        | 13         | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 100RB#0          | 4.72        | 13         | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 100RB#0          | 4.75        | 13         | PASS    |
| Band5 | 10MHz     | 16QAM      | 20450   | 100RB#0          | 5.55        | 13         | PASS    |
| Band5 | 10MHz     | 16QAM      | 20525   | 100RB#0          | 5.73        | 13         | PASS    |
| Band5 | 10MHz     | 16QAM      | 20600   | 100RB#0          | 5.75        | 13         | PASS    |
| Band5 | 10MHz     | 64QAM      | 20450   | 100RB#0          | 5.45        | 13         | PASS    |
| Band5 | 10MHz     | 64QAM      | 20525   | 100RB#0          | 5.92        | 13         | PASS    |
| Band5 | 10MHz     | 64QAM      | 20600   | 100RB#0          | 5.83        | 13         | PASS    |
| Band5 | 10MHz     | 256QAM     | 20450   | 100RB#0          | 6.62        | 13         | PASS    |
| Band5 | 10MHz     | 256QAM     | 20525   | 100RB#0          | 6.73        | 13         | PASS    |
| Band5 | 10MHz     | 256QAM     | 20600   | 100RB#0          | 6.64        | 13         | PASS    |

## Test Graphs









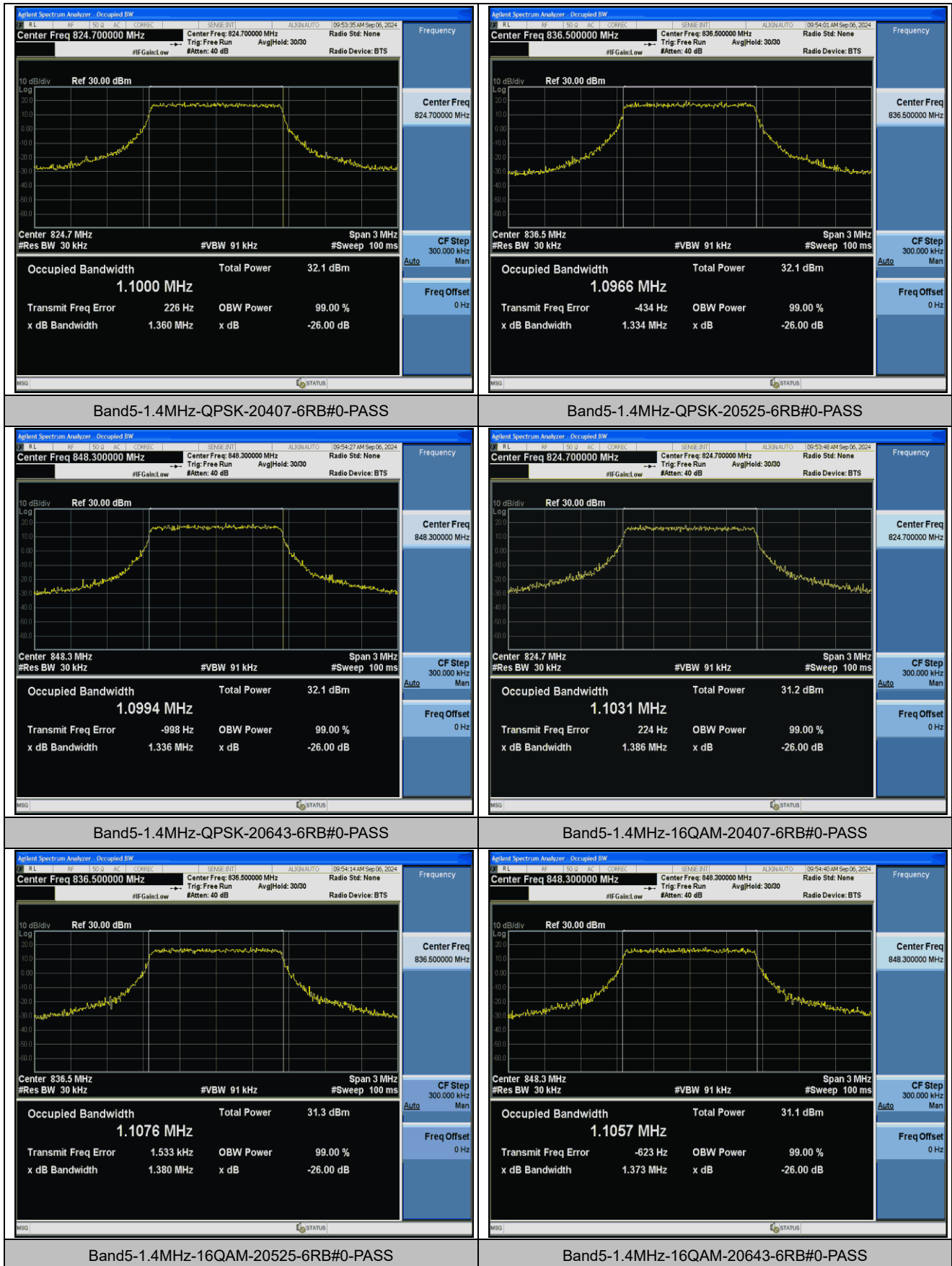
## 26dB Bandwidth and Occupied Bandwidth

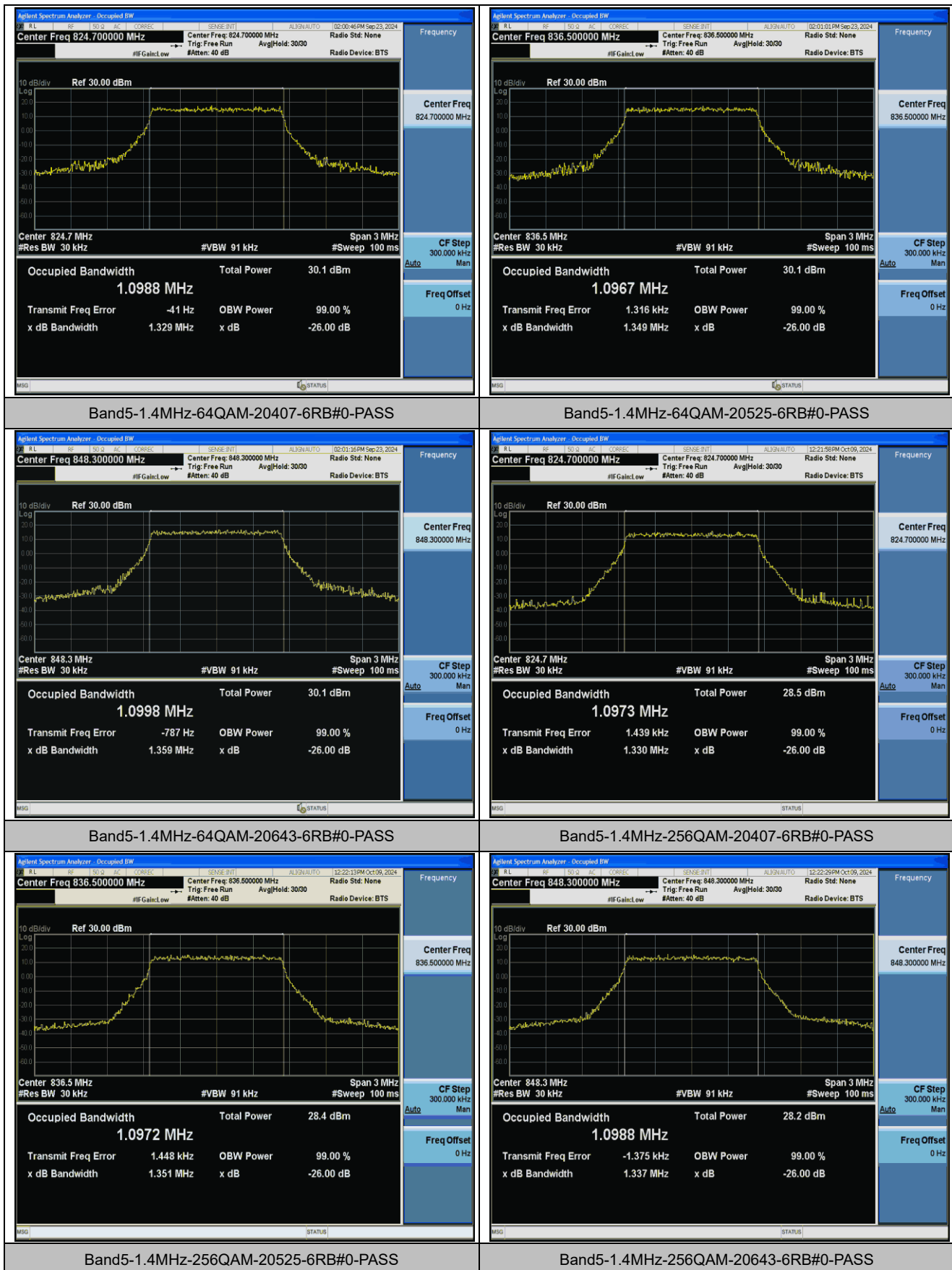
### Test Result

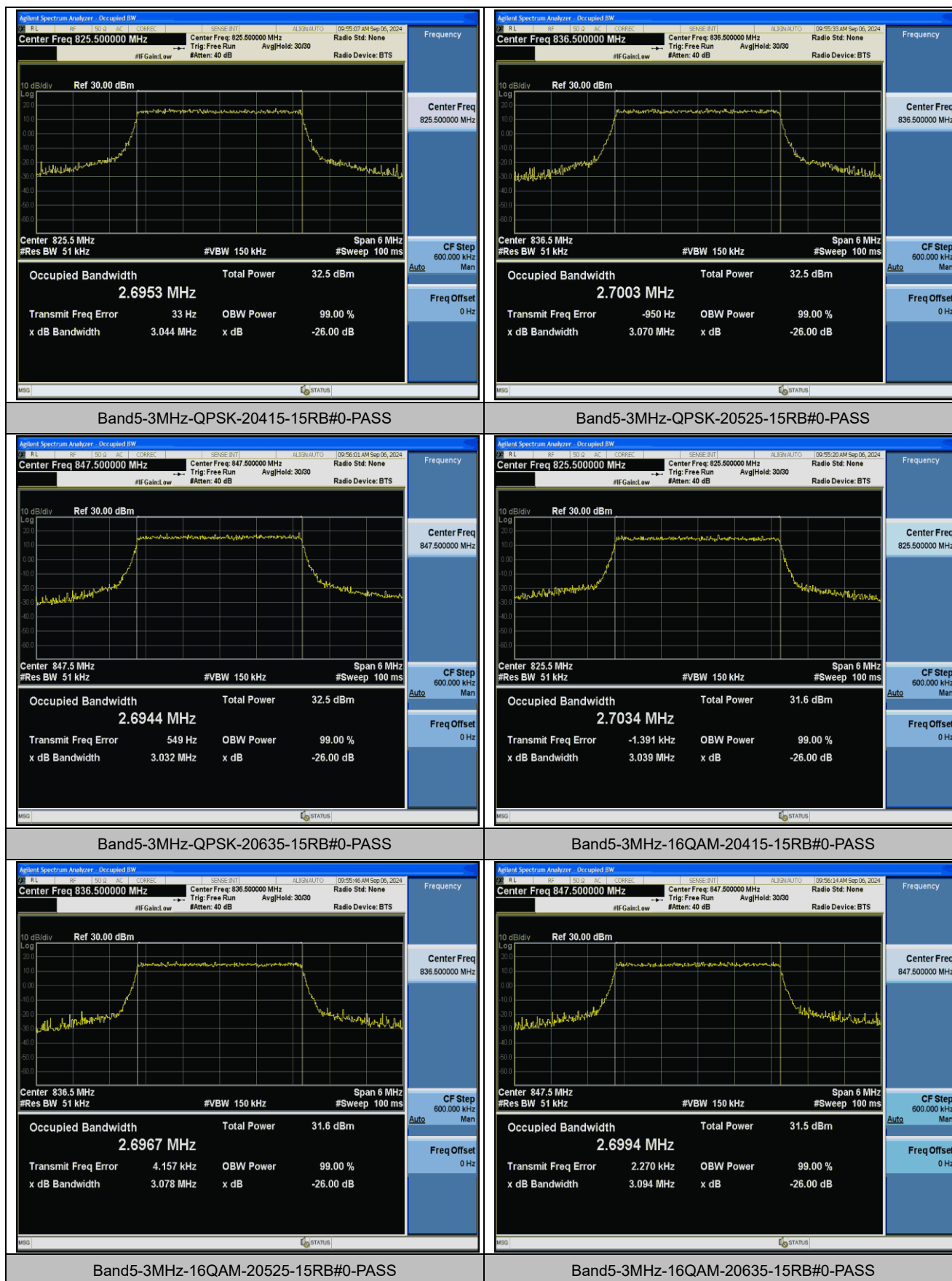
| Band  | Bandwidth | Modulation | Channel | RB Configuration | OBW (MHz) | 26dB EBW (MHz) | Verdict |
|-------|-----------|------------|---------|------------------|-----------|----------------|---------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 6RB#0            | 1.1000    | 1.360          | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 6RB#0            | 1.0966    | 1.334          | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0            | 1.0994    | 1.336          | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | 1.1031    | 1.386          | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 6RB#0            | 1.1076    | 1.380          | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 6RB#0            | 1.1057    | 1.373          | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20407   | 6RB#0            | 1.0988    | 1.329          | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20525   | 6RB#0            | 1.0967    | 1.349          | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20643   | 6RB#0            | 1.0998    | 1.359          | PASS    |
| Band5 | 1.4MHz    | 256QAM     | 20407   | 6RB#0            | 1.0973    | 1.330          | PASS    |
| Band5 | 1.4MHz    | 256QAM     | 20525   | 6RB#0            | 1.0972    | 1.351          | PASS    |
| Band5 | 1.4MHz    | 256QAM     | 20643   | 6RB#0            | 1.0988    | 1.337          | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 15RB#0           | 2.6953    | 3.044          | PASS    |
| Band5 | 3MHz      | QPSK       | 20525   | 15RB#0           | 2.7003    | 3.070          | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 15RB#0           | 2.6944    | 3.032          | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 15RB#0           | 2.7034    | 3.039          | PASS    |
| Band5 | 3MHz      | 16QAM      | 20525   | 15RB#0           | 2.6967    | 3.078          | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 15RB#0           | 2.6994    | 3.094          | PASS    |
| Band5 | 3MHz      | 64QAM      | 20415   | 15RB#0           | 2.7001    | 2.998          | PASS    |
| Band5 | 3MHz      | 64QAM      | 20525   | 15RB#0           | 2.7052    | 3.055          | PASS    |
| Band5 | 3MHz      | 64QAM      | 20635   | 15RB#0           | 2.7019    | 3.068          | PASS    |
| Band5 | 3MHz      | 256QAM     | 20415   | 15RB#0           | 2.6987    | 3.066          | PASS    |
| Band5 | 3MHz      | 256QAM     | 20525   | 15RB#0           | 2.6904    | 3.056          | PASS    |
| Band5 | 3MHz      | 256QAM     | 20635   | 15RB#0           | 2.7024    | 3.052          | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 25RB#0           | 4.5064    | 5.145          | PASS    |
| Band5 | 5MHz      | QPSK       | 20525   | 25RB#0           | 4.5089    | 5.143          | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 25RB#0           | 4.5079    | 5.131          | PASS    |
| Band5 | 5MHz      | 16QAM      | 20425   | 25RB#0           | 4.5125    | 5.148          | PASS    |
| Band5 | 5MHz      | 16QAM      | 20525   | 25RB#0           | 4.4991    | 5.141          | PASS    |
| Band5 | 5MHz      | 16QAM      | 20625   | 25RB#0           | 4.5102    | 5.206          | PASS    |
| Band5 | 5MHz      | 64QAM      | 20425   | 25RB#0           | 4.5044    | 5.077          | PASS    |
| Band5 | 5MHz      | 64QAM      | 20525   | 25RB#0           | 4.5160    | 5.139          | PASS    |
| Band5 | 5MHz      | 64QAM      | 20625   | 25RB#0           | 4.5150    | 5.229          | PASS    |
| Band5 | 5MHz      | 256QAM     | 20425   | 25RB#0           | 4.5044    | 5.147          | PASS    |
| Band5 | 5MHz      | 256QAM     | 20525   | 25RB#0           | 4.5060    | 5.132          | PASS    |
| Band5 | 5MHz      | 256QAM     | 20625   | 25RB#0           | 4.5153    | 5.155          | PASS    |
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0           | 8.9973    | 10.11          | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0           | 8.9957    | 10.10          | PASS    |

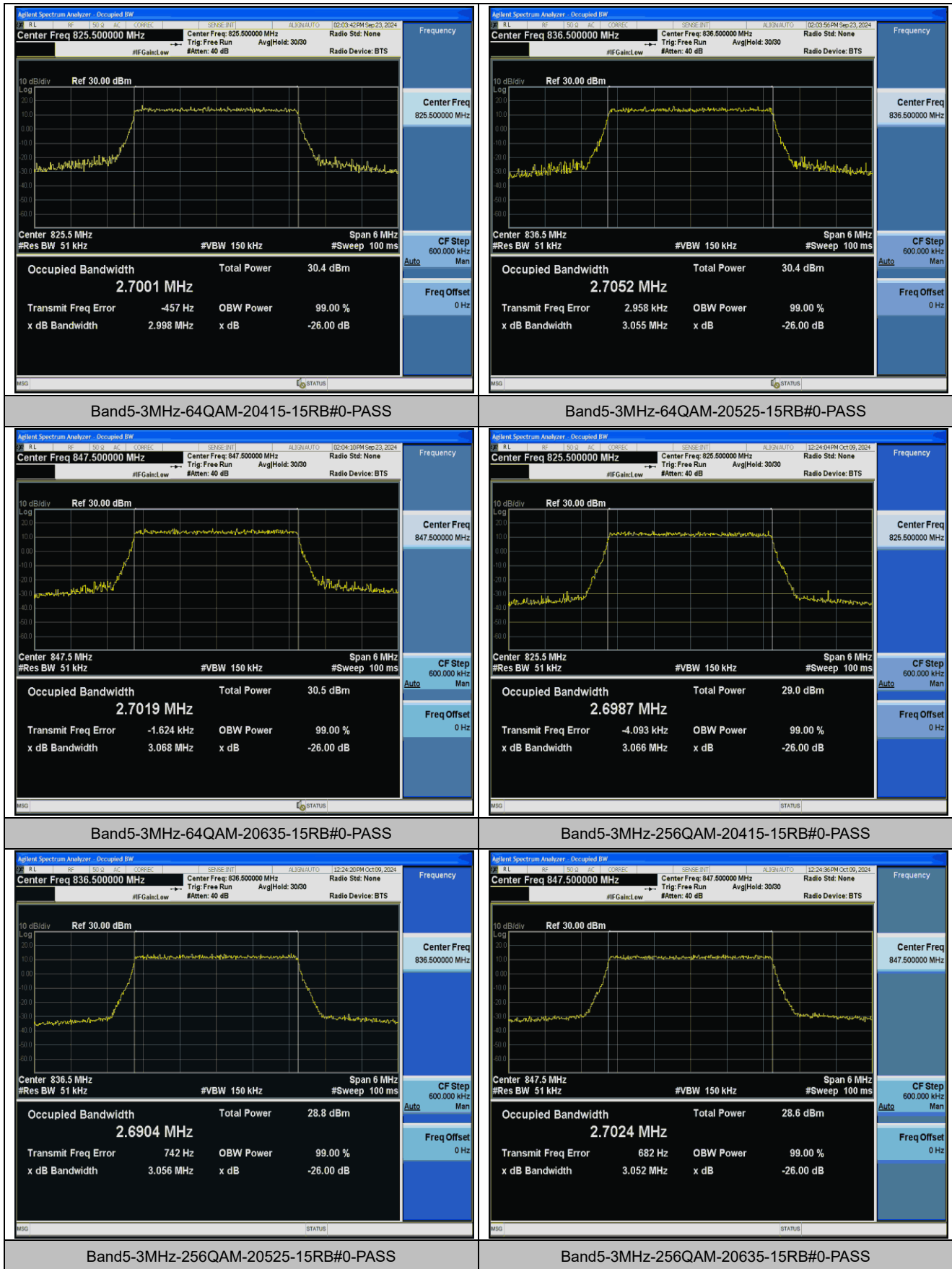
|       |       |        |       |        |        |       |      |
|-------|-------|--------|-------|--------|--------|-------|------|
| Band5 | 10MHz | QPSK   | 20600 | 50RB#0 | 9.0054 | 10.13 | PASS |
| Band5 | 10MHz | 16QAM  | 20450 | 50RB#0 | 9.0161 | 10.05 | PASS |
| Band5 | 10MHz | 16QAM  | 20525 | 50RB#0 | 9.0092 | 10.07 | PASS |
| Band5 | 10MHz | 16QAM  | 20600 | 50RB#0 | 9.0103 | 10.08 | PASS |
| Band5 | 10MHz | 64QAM  | 20450 | 50RB#0 | 8.9921 | 10.03 | PASS |
| Band5 | 10MHz | 64QAM  | 20525 | 50RB#0 | 8.9819 | 10.01 | PASS |
| Band5 | 10MHz | 64QAM  | 20600 | 50RB#0 | 9.0016 | 10.04 | PASS |
| Band5 | 10MHz | 256QAM | 20450 | 50RB#0 | 9.0155 | 10.06 | PASS |
| Band5 | 10MHz | 256QAM | 20525 | 50RB#0 | 9.0121 | 10.03 | PASS |
| Band5 | 10MHz | 256QAM | 20600 | 50RB#0 | 8.9975 | 10.12 | PASS |

## Test Graphs

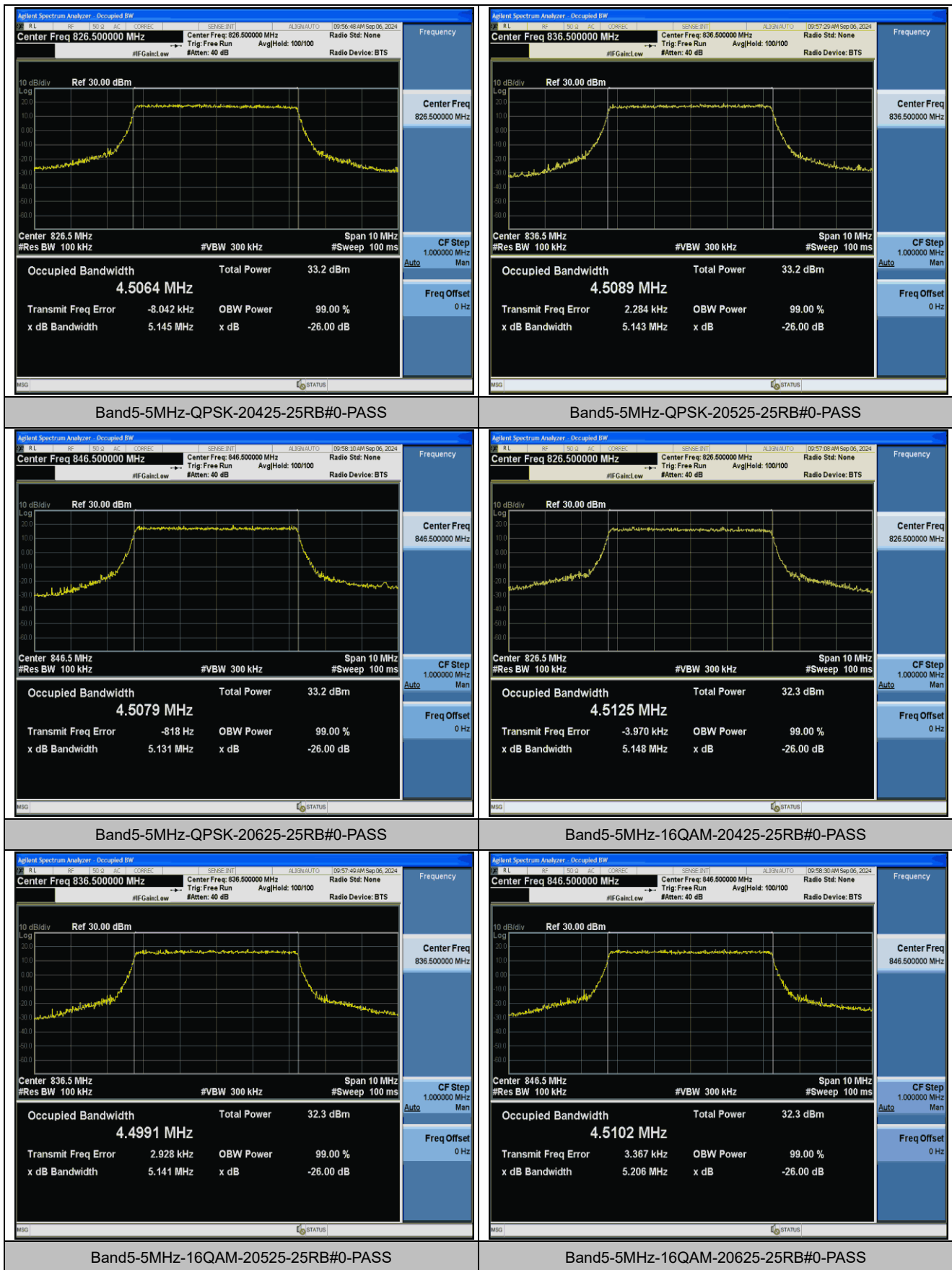




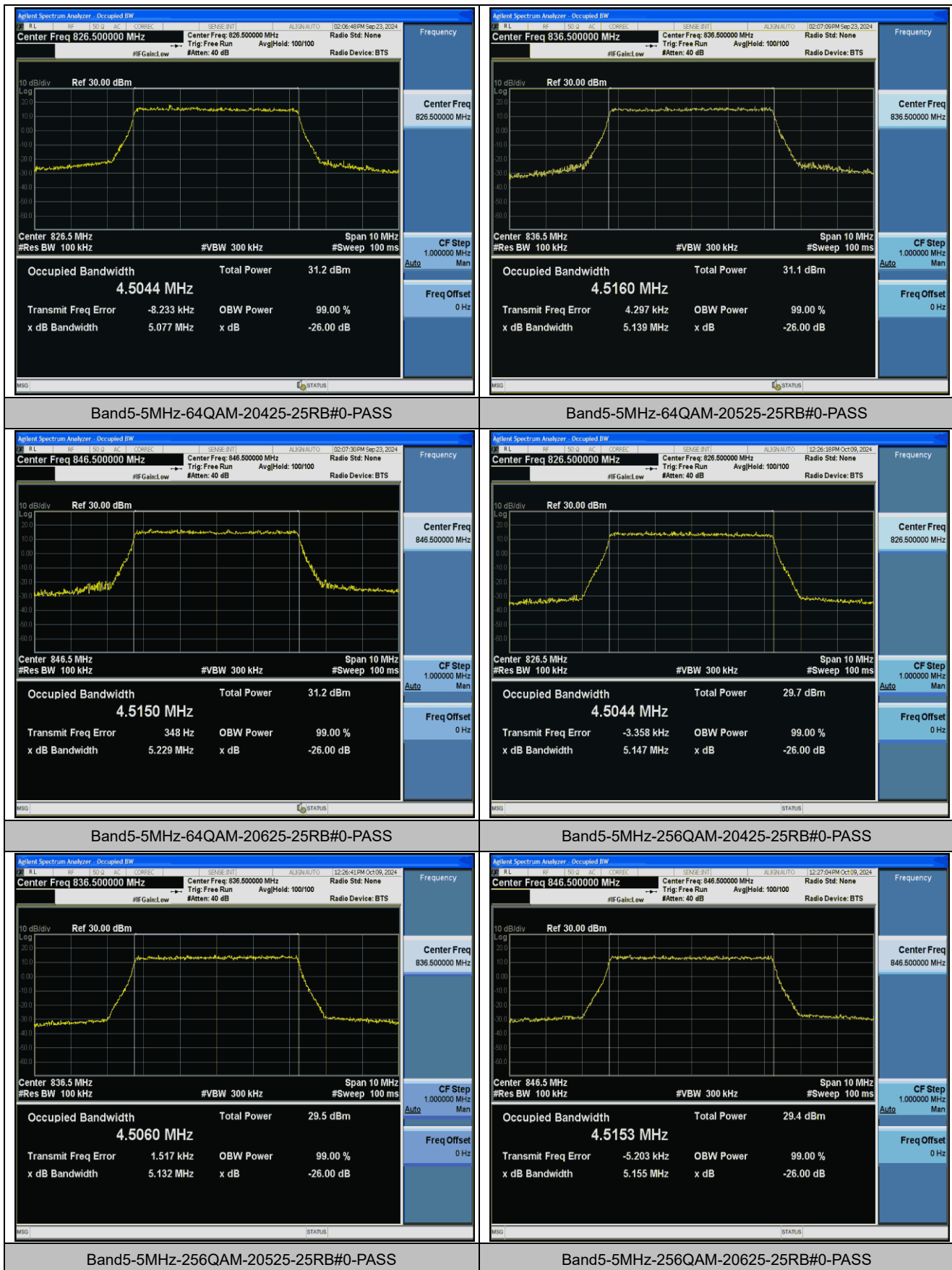


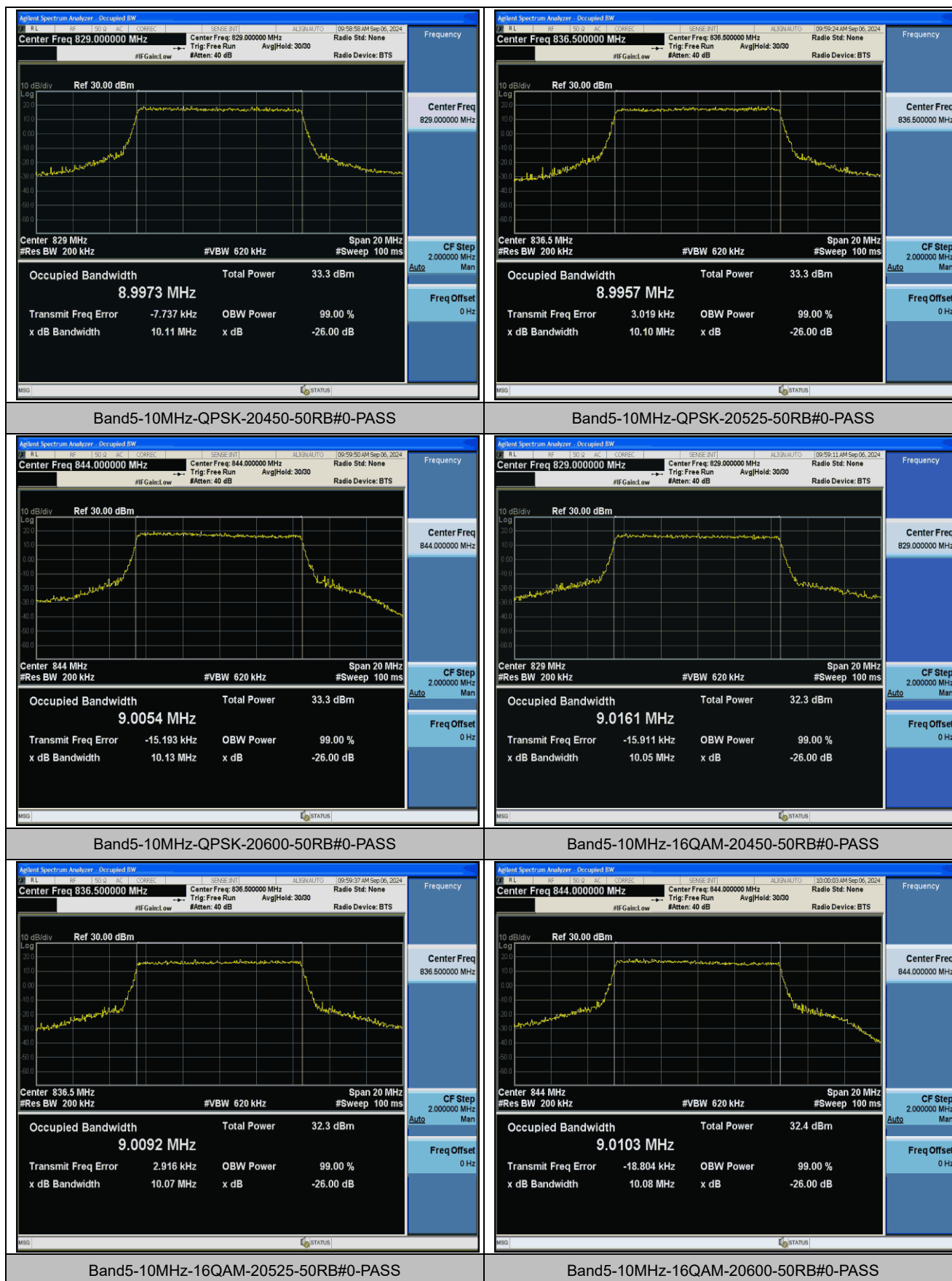


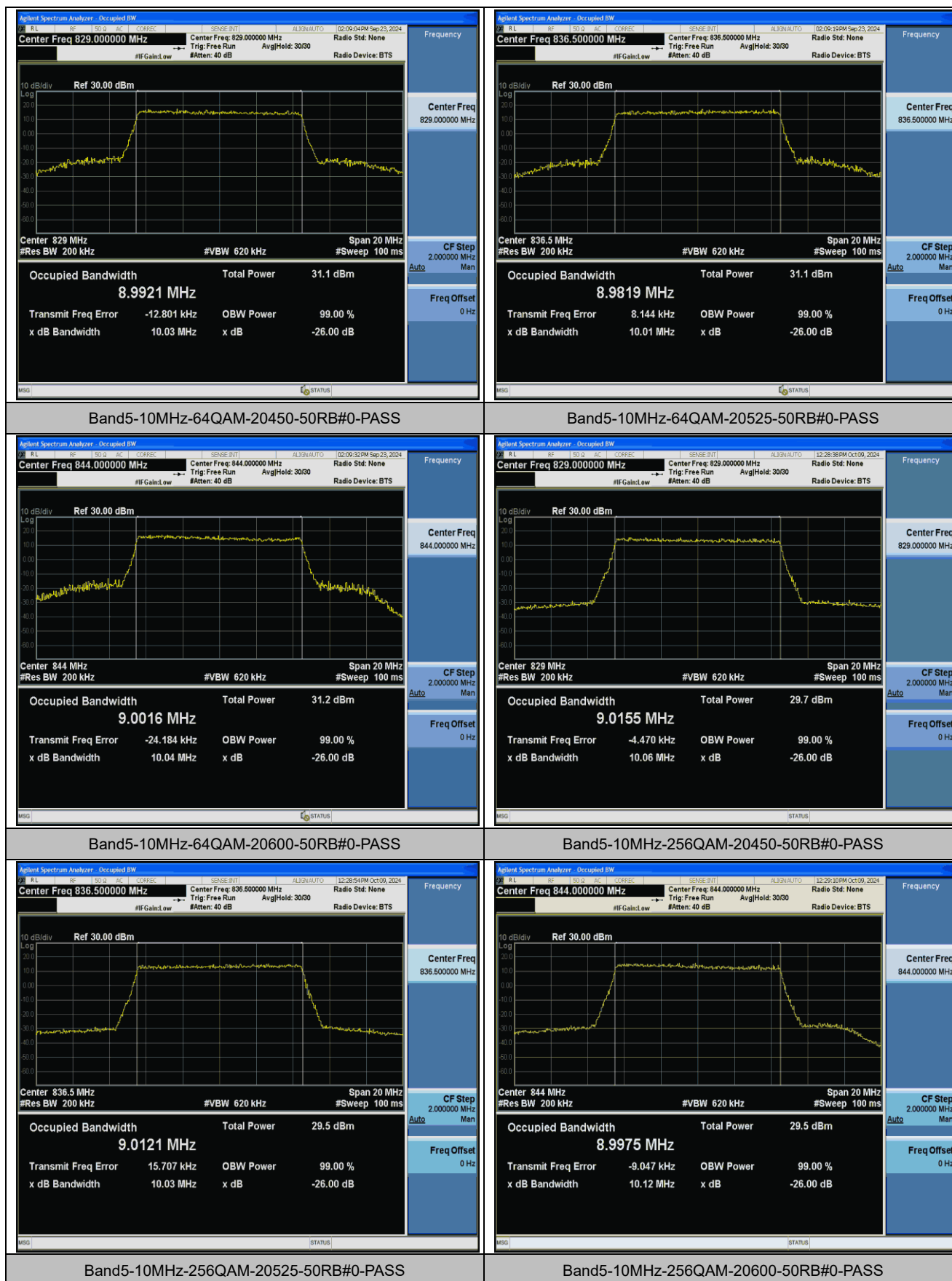






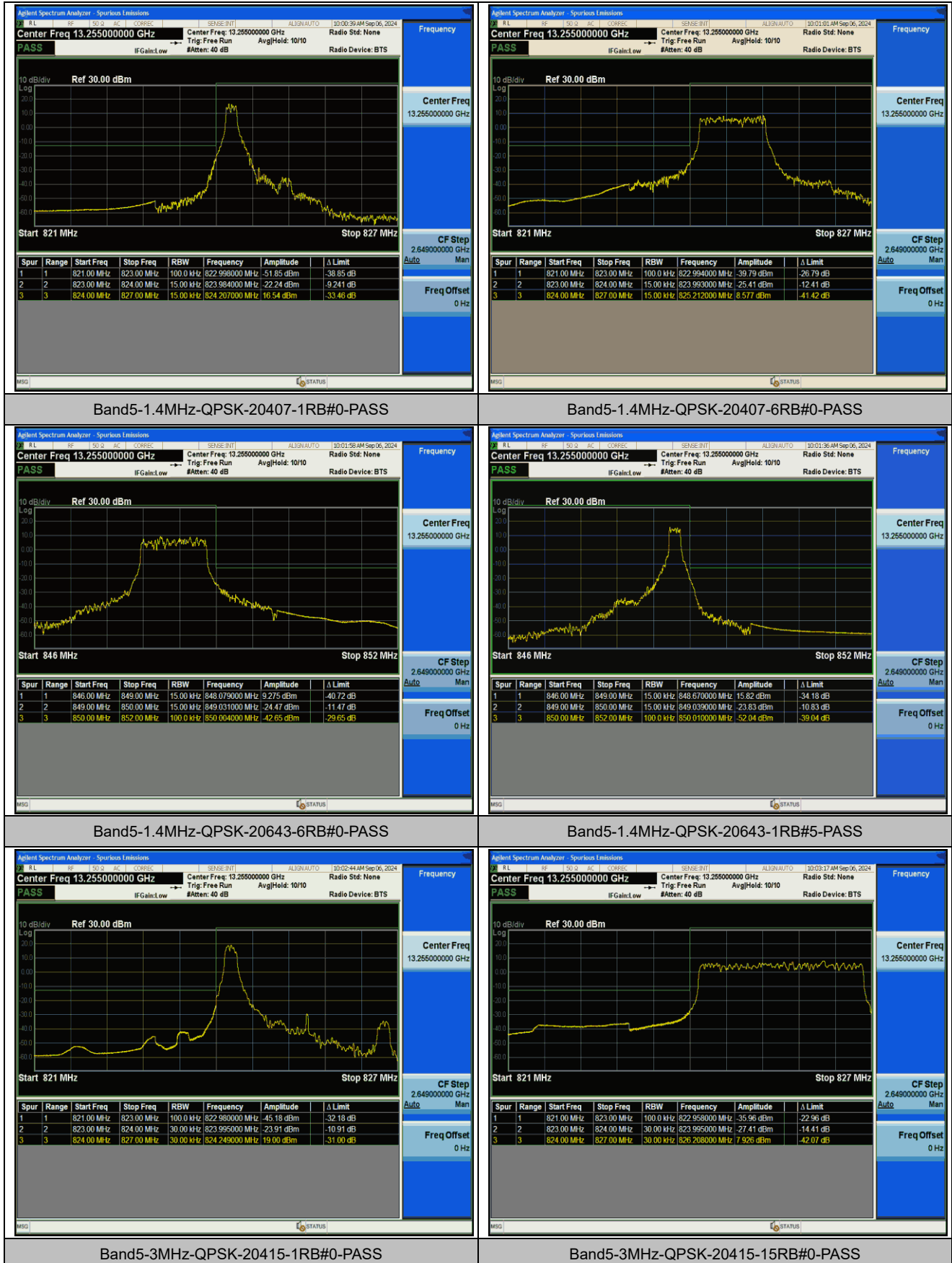






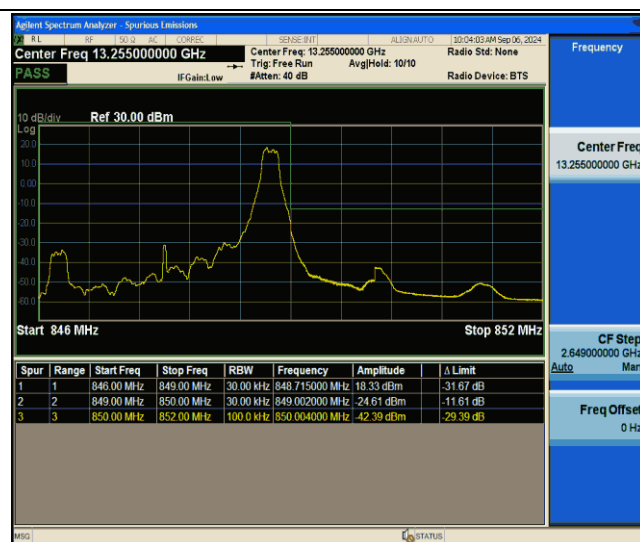
## Band Edge

## Test Graphs

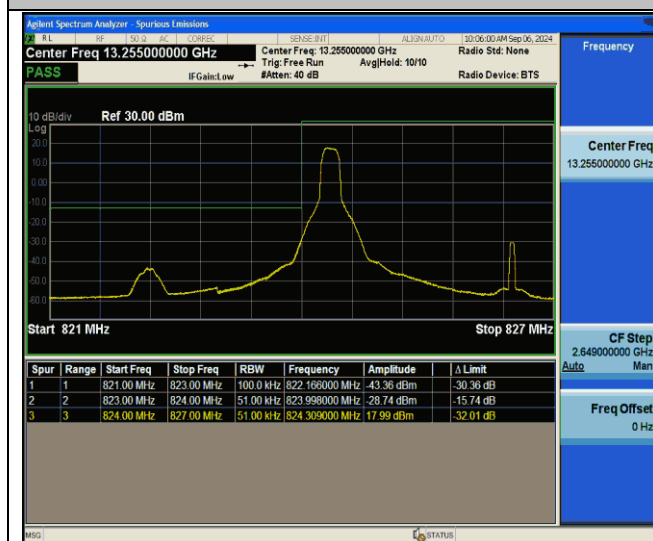




Band5-3MHz-QPSK-20635-15RB#0-PASS



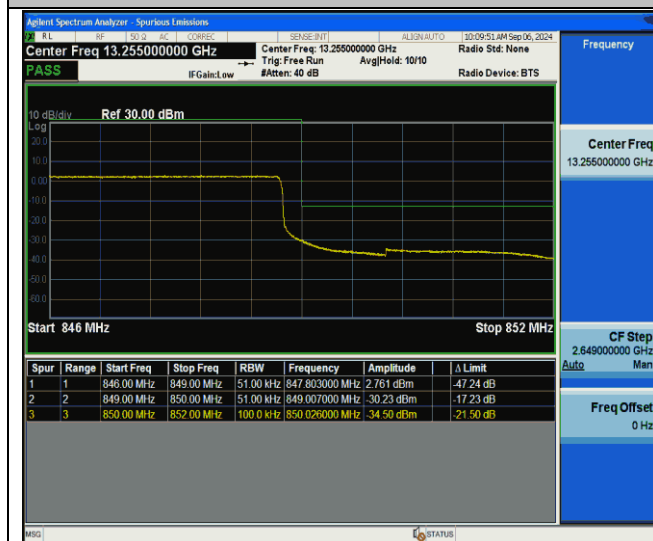
Band5-3MHz-QPSK-20635-1RB#14-PASS



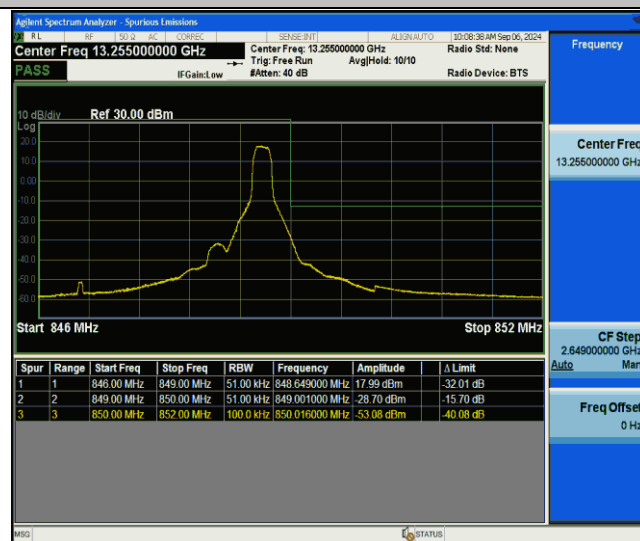
Band5-5MHz-QPSK-20425-1RB#0-PASS



Band5-5MHz-QPSK-20425-25RB#0-PASS

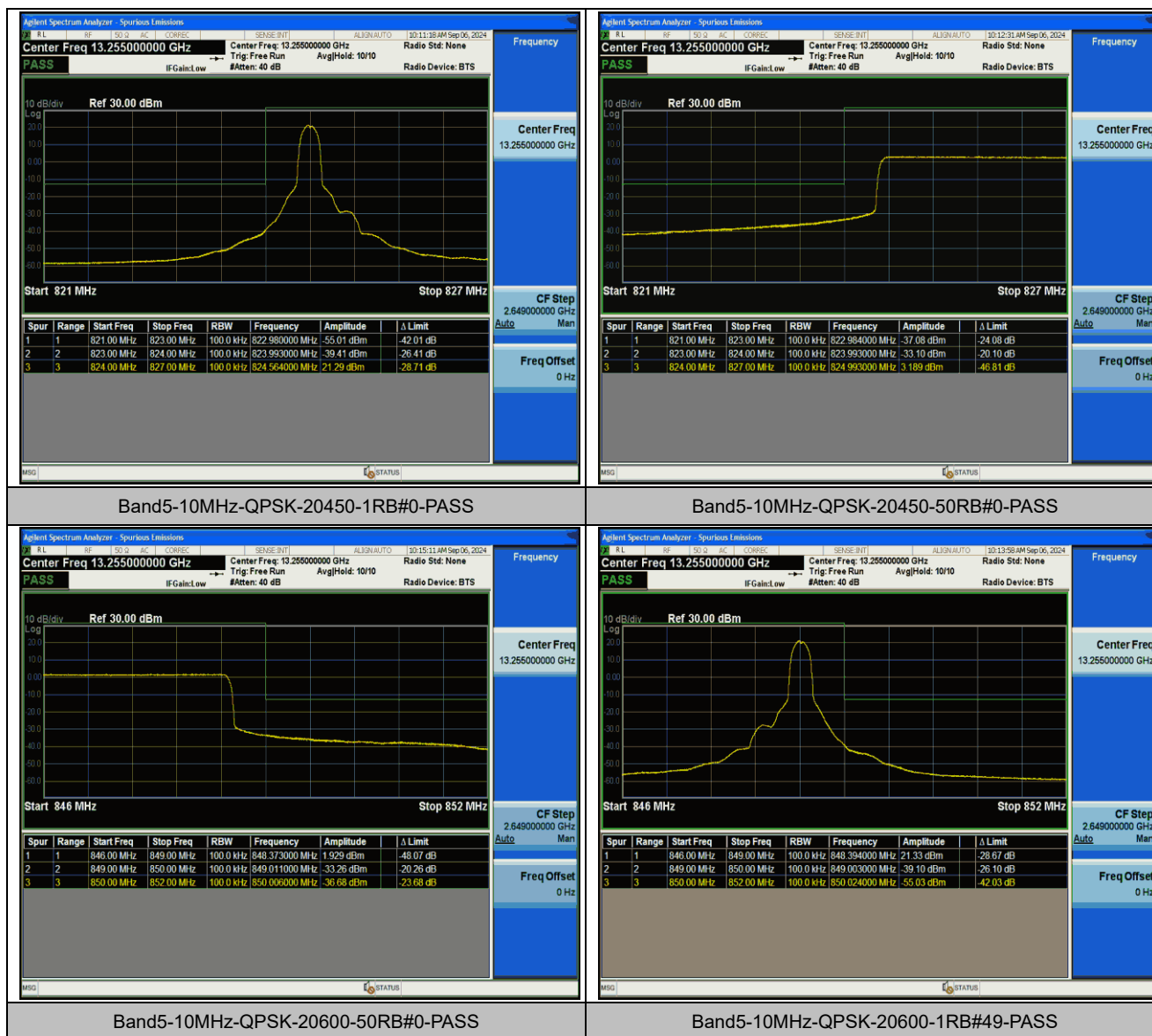


Band5-5MHz-QPSK-20625-25RB#0-PASS



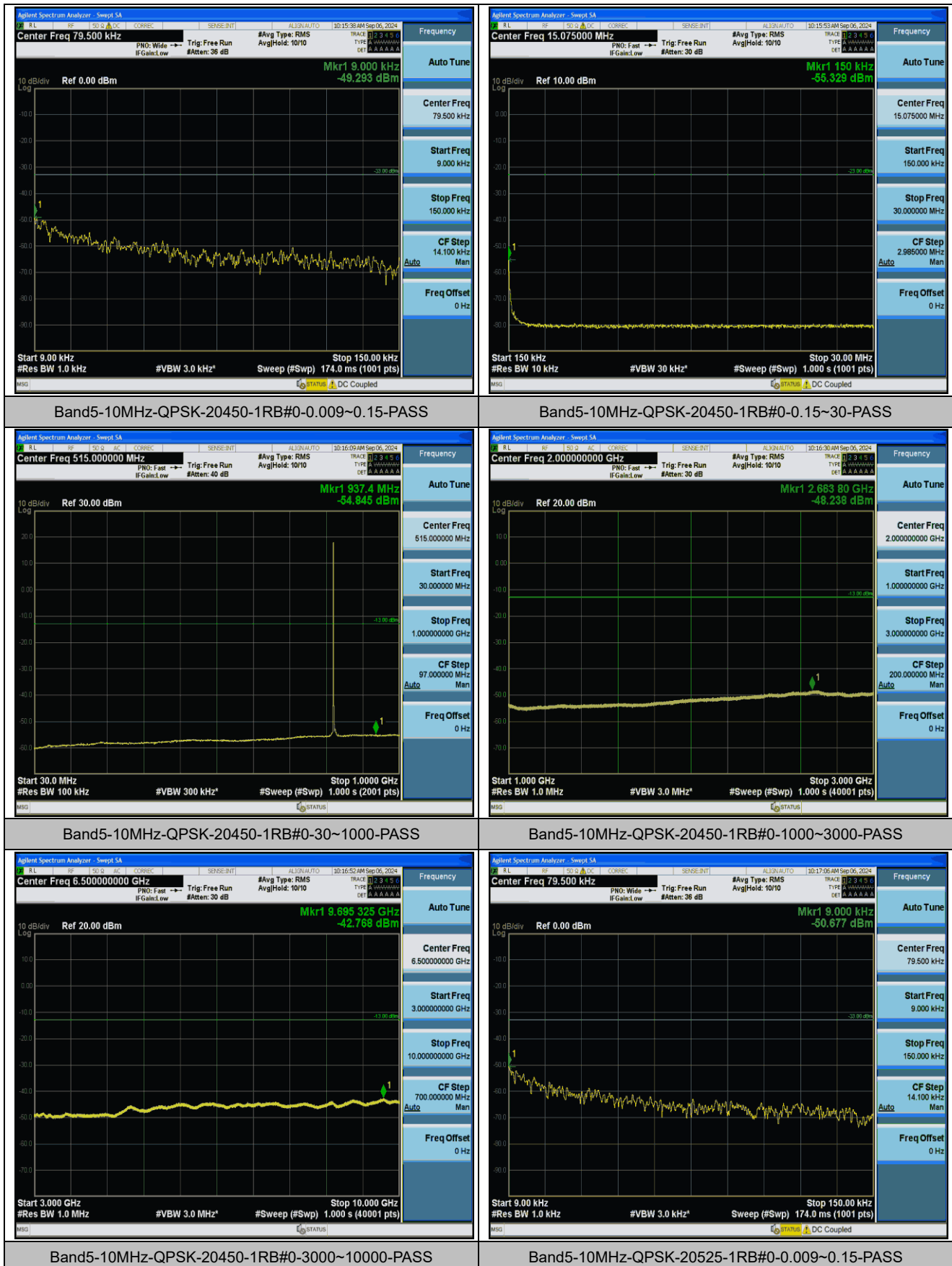
Band5-5MHz-QPSK-20625-1RB#24-PASS



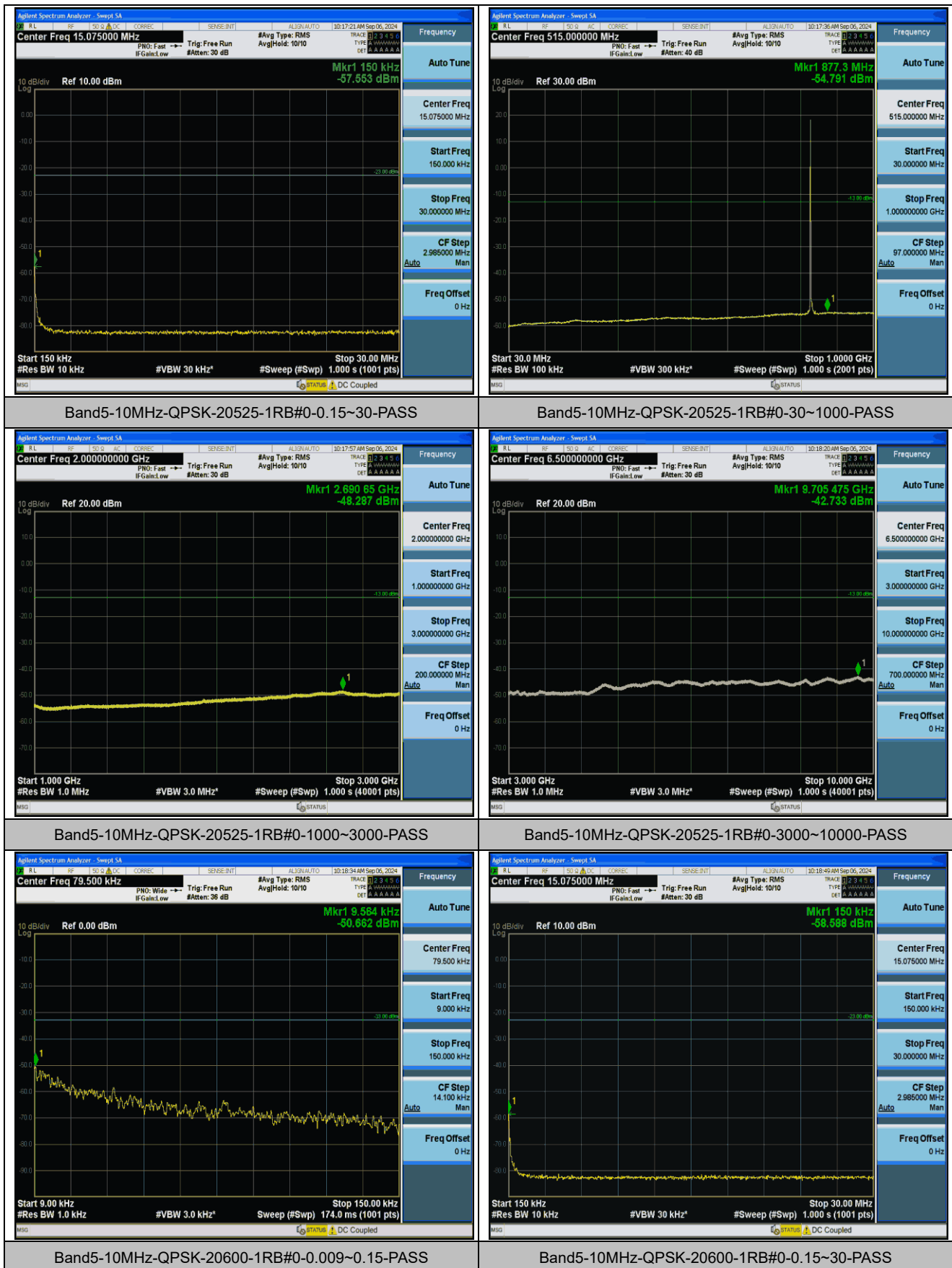


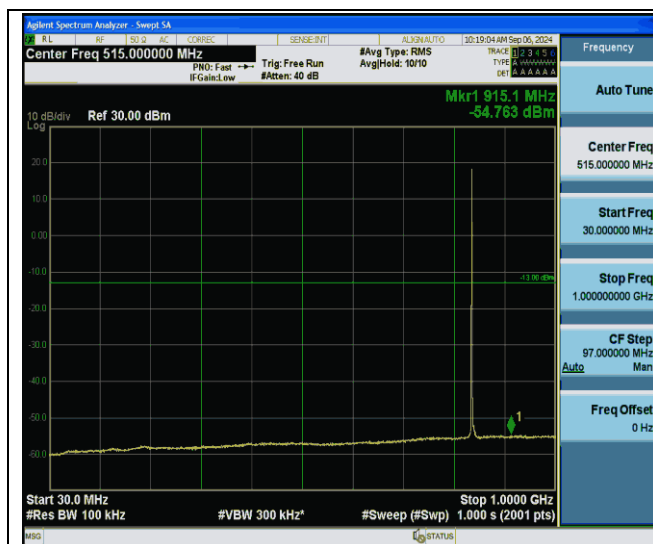
## Conducted Spurious Emission

## Test Graphs









Band5-10MHz-QPSK-20600-1RB#0-30~1000-PASS



Band5-10MHz-QPSK-20600-1RB#0-1000~3000-PASS



Band5-10MHz-QPSK-20600-1RB#0-3000~10000-PASS

## Frequency Stability

### Test Result

| Voltage |           |            |         |              |               |                  |                |                 |             |         |
|---------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band    | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band5   | 10MHz     | QPSK       | 20525   | 100RB#0      | VN            | NT               | -0.60          | -0.000717       | ±2.5        | PASS    |
| Band5   | 10MHz     | QPSK       | 20525   | 100RB#0      | VL            | NT               | 0.10           | 0.000120        | ±2.5        | PASS    |
| Band5   | 10MHz     | QPSK       | 20525   | 100RB#0      | VH            | NT               | -1.00          | -0.001195       | ±2.5        | PASS    |

| Temperature |           |            |         |              |               |                  |                |                 |             |         |
|-------------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band5       | 10MHz     | QPSK       | 20525   | 100RB#0      | NV            | -30              | -0.70          | -0.000837       | ±2.5        | PASS    |
| Band5       | 10MHz     | QPSK       | 20525   | 100RB#0      | NV            | -20              | -0.50          | -0.000598       | ±2.5        | PASS    |
| Band5       | 10MHz     | QPSK       | 20525   | 100RB#0      | NV            | -10              | -0.60          | -0.000717       | ±2.5        | PASS    |
| Band5       | 10MHz     | QPSK       | 20525   | 100RB#0      | NV            | 0                | -1.70          | -0.002032       | ±2.5        | PASS    |
| Band5       | 10MHz     | QPSK       | 20525   | 100RB#0      | NV            | 10               | -0.70          | -0.000837       | ±2.5        | PASS    |
| Band5       | 10MHz     | QPSK       | 20525   | 100RB#0      | NV            | 20               | 0.10           | 0.000120        | ±2.5        | PASS    |
| Band5       | 10MHz     | QPSK       | 20525   | 100RB#0      | NV            | 30               | -0.70          | -0.000837       | ±2.5        | PASS    |
| Band5       | 10MHz     | QPSK       | 20525   | 100RB#0      | NV            | 40               | -1.60          | -0.001913       | ±2.5        | PASS    |
| Band5       | 10MHz     | QPSK       | 20525   | 100RB#0      | NV            | 50               | -1.40          | -0.001674       | ±2.5        | PASS    |

~The End~