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# Appendix



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## Effective (Isotropic) Radiated Power Output Data

## Test Result

| Band  | Bandwidth   | Modulation    | Channel     | RB Configuration | Conducted Power(dBm) | EIRP (dBm) | Limit(dBm) | Verdict |
|-------|-------------|---------------|-------------|------------------|----------------------|------------|------------|---------|
| 41-41 | 10MHz-15MHz | QPSK-QPSK     | 39703-39823 | 1RB#0-0RB#0      | 26.4                 | 27.92      | 33         | PASS    |
| 41-41 | 10MHz-15MHz | QPSK-QPSK     | 40549-40669 | 1RB#0-0RB#0      | 26.7                 | 28.22      | 33         | PASS    |
| 41-41 | 10MHz-15MHz | QPSK-QPSK     | 41395-41515 | 1RB#0-0RB#0      | 26.5                 | 28.02      | 33         | PASS    |
| 41-41 | 10MHz-15MHz | 16QAM-16QAM   | 39703-39823 | 1RB#0-0RB#0      | 25.45                | 26.97      | 33         | PASS    |
| 41-41 | 10MHz-15MHz | 16QAM-16QAM   | 40549-40669 | 1RB#0-0RB#0      | 25.78                | 27.3       | 33         | PASS    |
| 41-41 | 10MHz-15MHz | 16QAM-16QAM   | 41395-41515 | 1RB#0-0RB#0      | 25.52                | 27.04      | 33         | PASS    |
| 41-41 | 10MHz-15MHz | 64QAM-64QAM   | 39703-39823 | 1RB#0-0RB#0      | 24.14                | 25.66      | 33         | PASS    |
| 41-41 | 10MHz-15MHz | 64QAM-64QAM   | 41395-41515 | 1RB#0-0RB#0      | 24.22                | 25.74      | 33         | PASS    |
| 41-41 | 10MHz-15MHz | 256QAM-256QAM | 39703-39823 | 1RB#0-0RB#0      | 21.28                | 22.8       | 33         | PASS    |
| 41-41 | 10MHz-15MHz | 256QAM-256QAM | 40549-40669 | 1RB#0-0RB#0      | 21.55                | 23.07      | 33         | PASS    |
| 41-41 | 10MHz-15MHz | 256QAM-256QAM | 41395-41515 | 1RB#0-0RB#0      | 21.35                | 22.87      | 33         | PASS    |
| 41-41 | 10MHz-20MHz | QPSK-QPSK     | 39705-39849 | 1RB#0-0RB#0      | 26.85                | 28.37      | 33         | PASS    |
| 41-41 | 10MHz-20MHz | QPSK-QPSK     | 40526-40670 | 1RB#0-0RB#0      | 26.97                | 28.49      | 33         | PASS    |
| 41-41 | 10MHz-20MHz | QPSK-QPSK     | 41346-41490 | 1RB#0-0RB#0      | 26.79                | 28.31      | 33         | PASS    |
| 41-41 | 10MHz-20MHz | 16QAM-16QAM   | 39705-39849 | 1RB#0-0RB#0      | 25.75                | 27.27      | 33         | PASS    |
| 41-41 | 10MHz-20MHz | 16QAM-16QAM   | 40526-40670 | 1RB#0-0RB#0      | 26.02                | 27.54      | 33         | PASS    |
| 41-41 | 10MHz-20MHz | 16QAM-16QAM   | 41346-41490 | 1RB#0-0RB#0      | 25.83                | 27.35      | 33         | PASS    |
| 41-41 | 10MHz-20MHz | 64QAM-64QAM   | 39705-39849 | 1RB#0-0RB#0      | 24.44                | 25.96      | 33         | PASS    |
| 41-41 | 10MHz-20MHz | 64QAM-64QAM   | 40526-40670 | 1RB#0-0RB#0      | 24.75                | 26.27      | 33         | PASS    |
| 41-41 | 10MHz-20MHz | 64QAM-64QAM   | 41346-41490 | 1RB#0-0RB#0      | 24.48                | 26         | 33         | PASS    |
| 41-41 | 10MHz-20MHz | 256QAM-256QAM | 39705-39849 | 1RB#0-0RB#0      | 21.52                | 23.04      | 33         | PASS    |
| 41-41 | 10MHz-20MHz | 256QAM-256QAM | 40526-40670 | 1RB#0-0RB#0      | 21.34                | 22.86      | 33         | PASS    |
| 41-41 | 10MHz-20MHz | 256QAM-256QAM | 41346-41490 | 1RB#0-0RB#0      | 21.67                | 23.19      | 33         | PASS    |
| 41-41 | 15MHz-10MHz | QPSK-QPSK     | 39725-39845 | 1RB#0-0RB#0      | 26.58                | 28.1       | 33         | PASS    |
| 41-41 | 15MHz-10MHz | QPSK-QPSK     | 40571-40691 | 1RB#0-0RB#0      | 26.89                | 28.41      | 33         | PASS    |
| 41-41 | 15MHz-10MHz | QPSK-QPSK     | 41417-41537 | 1RB#0-0RB#0      | 26.67                | 28.19      | 33         | PASS    |
| 41-41 | 15MHz-10MHz | 16QAM-16QAM   | 39725-39845 | 1RB#0-0RB#0      | 25.6                 | 27.12      | 33         | PASS    |



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| 41-41 | 15MHz-10MHz | 16QAM-16QAM   | 40571-40691 | 1RB#0-0RB#0 | 25.93 | 27.45 | 33 | PASS |
| 41-41 | 15MHz-10MHz | 16QAM-16QAM   | 41417-41537 | 1RB#0-0RB#0 | 25.71 | 27.23 | 33 | PASS |
| 41-41 | 15MHz-10MHz | 64QAM-64QAM   | 39725-39845 | 1RB#0-0RB#0 | 24.26 | 25.78 | 33 | PASS |
| 41-41 | 15MHz-10MHz | 64QAM-64QAM   | 40571-40691 | 1RB#0-0RB#0 | 24.58 | 26.1  | 33 | PASS |
| 41-41 | 15MHz-10MHz | 64QAM-64QAM   | 41417-41537 | 1RB#0-0RB#0 | 24.4  | 25.92 | 33 | PASS |
| 41-41 | 15MHz-10MHz | 256QAM-256QAM | 39725-39845 | 1RB#0-0RB#0 | 21.45 | 22.97 | 33 | PASS |
| 41-41 | 15MHz-10MHz | 256QAM-256QAM | 40571-40691 | 1RB#0-0RB#0 | 21.36 | 22.88 | 33 | PASS |
| 41-41 | 15MHz-10MHz | 256QAM-256QAM | 41417-41537 | 1RB#0-0RB#0 | 21.52 | 23.04 | 33 | PASS |
| 41-41 | 15MHz-15MHz | QPSK-QPSK     | 39725-39875 | 1RB#0-0RB#0 | 26.87 | 28.39 | 33 | PASS |
| 41-41 | 15MHz-15MHz | QPSK-QPSK     | 40545-40695 | 1RB#0-0RB#0 | 27.13 | 28.65 | 33 | PASS |
| 41-41 | 15MHz-15MHz | QPSK-QPSK     | 41365-41515 | 1RB#0-0RB#0 | 26.98 | 28.5  | 33 | PASS |
| 41-41 | 15MHz-15MHz | 16QAM-16QAM   | 39725-39875 | 1RB#0-0RB#0 | 25.95 | 27.47 | 33 | PASS |
| 41-41 | 15MHz-15MHz | 16QAM-16QAM   | 40545-40695 | 1RB#0-0RB#0 | 26.18 | 27.7  | 33 | PASS |
| 41-41 | 15MHz-15MHz | 16QAM-16QAM   | 41365-41515 | 1RB#0-0RB#0 | 26.02 | 27.54 | 33 | PASS |
| 41-41 | 15MHz-15MHz | 64QAM-64QAM   | 39725-39875 | 1RB#0-0RB#0 | 24.58 | 26.1  | 33 | PASS |
| 41-41 | 15MHz-15MHz | 64QAM-64QAM   | 40545-40695 | 1RB#0-0RB#0 | 24.88 | 26.4  | 33 | PASS |
| 41-41 | 15MHz-15MHz | 64QAM-64QAM   | 41365-41515 | 1RB#0-0RB#0 | 24.65 | 26.17 | 33 | PASS |
| 41-41 | 15MHz-15MHz | 256QAM-256QAM | 39725-39875 | 1RB#0-0RB#0 | 21.51 | 23.03 | 33 | PASS |
| 41-41 | 15MHz-15MHz | 256QAM-256QAM | 40545-40695 | 1RB#0-0RB#0 | 21.45 | 22.97 | 33 | PASS |
| 41-41 | 15MHz-15MHz | 256QAM-256QAM | 41365-41515 | 1RB#0-0RB#0 | 21.34 | 22.86 | 33 | PASS |
| 41-41 | 15MHz-20MHz | QPSK-QPSK     | 39728-39899 | 1RB#0-0RB#0 | 26.9  | 28.42 | 33 | PASS |
| 41-41 | 15MHz-20MHz | QPSK-QPSK     | 40523-40694 | 1RB#0-0RB#0 | 27.1  | 28.62 | 33 | PASS |
| 41-41 | 15MHz-20MHz | QPSK-QPSK     | 41319-41490 | 1RB#0-0RB#0 | 27.01 | 28.53 | 33 | PASS |
| 41-41 | 15MHz-20MHz | 16QAM-16QAM   | 39728-39899 | 1RB#0-0RB#0 | 25.95 | 27.47 | 33 | PASS |
| 41-41 | 15MHz-20MHz | 16QAM-16QAM   | 40523-40694 | 1RB#0-0RB#0 | 26.16 | 27.68 | 33 | PASS |
| 41-41 | 15MHz-20MHz | 16QAM-16QAM   | 41319-41490 | 1RB#0-0RB#0 | 26.03 | 27.55 | 33 | PASS |
| 41-41 | 15MHz-20MHz | 64QAM-64QAM   | 39728-39899 | 1RB#0-0RB#0 | 24.59 | 26.11 | 33 | PASS |
| 41-41 | 15MHz-20MHz | 64QAM-64QAM   | 40523-40694 | 1RB#0-0RB#0 | 24.82 | 26.34 | 33 | PASS |
| 41-41 | 15MHz-20MHz | 64QAM-64QAM   | 41319-41490 | 1RB#0-0RB#0 | 24.69 | 26.21 | 33 | PASS |
| 41-41 | 15MHz-20MHz | 256QAM-256QAM | 39728-39899 | 1RB#0-0RB#0 | 21.62 | 23.14 | 33 | PASS |
| 41-41 | 15MHz-20MHz | 256QAM-256QAM | 40523-40694 | 1RB#0-0RB#0 | 21.52 | 23.04 | 33 | PASS |
| 41-41 | 15MHz-20MHz | 256QAM-256QAM | 41319-41490 | 1RB#0-0RB#0 | 21.43 | 22.95 | 33 | PASS |



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| 41-41 | 20MHz-15MHz | QPSK-QPSK     | 39750-39921 | 1RB#0-0RB#0 | 26.45 | 27.97 | 33 | PASS |
| 41-41 | 20MHz-15MHz | QPSK-QPSK     | 40546-40717 | 1RB#0-0RB#0 | 26.92 | 28.44 | 33 | PASS |
| 41-41 | 20MHz-15MHz | QPSK-QPSK     | 41341-41512 | 1RB#0-0RB#0 | 26.84 | 28.36 | 33 | PASS |
| 41-41 | 20MHz-15MHz | 16QAM-16QAM   | 39750-39921 | 1RB#0-0RB#0 | 25.76 | 27.28 | 33 | PASS |
| 41-41 | 20MHz-15MHz | 16QAM-16QAM   | 40546-40717 | 1RB#0-0RB#0 | 25.99 | 27.51 | 33 | PASS |
| 41-41 | 20MHz-15MHz | 16QAM-16QAM   | 41341-41512 | 1RB#0-0RB#0 | 25.89 | 27.41 | 33 | PASS |
| 41-41 | 20MHz-15MHz | 64QAM-64QAM   | 39750-39921 | 1RB#0-0RB#0 | 24.44 | 25.96 | 33 | PASS |
| 41-41 | 20MHz-15MHz | 64QAM-64QAM   | 40546-40717 | 1RB#0-0RB#0 | 24.67 | 26.19 | 33 | PASS |
| 41-41 | 20MHz-15MHz | 64QAM-64QAM   | 41341-41512 | 1RB#0-0RB#0 | 24.55 | 26.07 | 33 | PASS |
| 41-41 | 20MHz-15MHz | 256QAM-256QAM | 39750-39921 | 1RB#0-0RB#0 | 21.52 | 23.04 | 33 | PASS |
| 41-41 | 20MHz-15MHz | 256QAM-256QAM | 40546-40717 | 1RB#0-0RB#0 | 21.36 | 22.88 | 33 | PASS |
| 41-41 | 20MHz-15MHz | 256QAM-256QAM | 41341-41512 | 1RB#0-0RB#0 | 21.42 | 22.94 | 33 | PASS |
| 41-41 | 20MHz-20MHz | QPSK-QPSK     | 39750-39948 | 1RB#0-0RB#0 | 26.75 | 28.27 | 33 | PASS |
| 41-41 | 20MHz-20MHz | QPSK-QPSK     | 40521-40719 | 1RB#0-0RB#0 | 26.88 | 28.4  | 33 | PASS |
| 41-41 | 20MHz-20MHz | QPSK-QPSK     | 41292-41490 | 1RB#0-0RB#0 | 26.91 | 28.43 | 33 | PASS |
| 41-41 | 20MHz-20MHz | 16QAM-16QAM   | 39750-39948 | 1RB#0-0RB#0 | 25.79 | 27.31 | 33 | PASS |
| 41-41 | 20MHz-20MHz | 16QAM-16QAM   | 40521-40719 | 1RB#0-0RB#0 | 25.96 | 27.48 | 33 | PASS |
| 41-41 | 20MHz-20MHz | 16QAM-16QAM   | 41292-41490 | 1RB#0-0RB#0 | 25.96 | 27.48 | 33 | PASS |
| 41-41 | 20MHz-20MHz | 64QAM-64QAM   | 39750-39948 | 1RB#0-0RB#0 | 24.46 | 25.98 | 33 | PASS |
| 41-41 | 20MHz-20MHz | 64QAM-64QAM   | 40521-40719 | 1RB#0-0RB#0 | 24.65 | 26.17 | 33 | PASS |
| 41-41 | 20MHz-20MHz | 64QAM-64QAM   | 41292-41490 | 1RB#0-0RB#0 | 24.62 | 26.14 | 33 | PASS |
| 41-41 | 20MHz-20MHz | 256QAM-256QAM | 39750-39948 | 1RB#0-0RB#0 | 21.45 | 22.97 | 33 | PASS |
| 41-41 | 20MHz-20MHz | 256QAM-256QAM | 40521-40719 | 1RB#0-0RB#0 | 21.58 | 23.1  | 33 | PASS |
| 41-41 | 20MHz-20MHz | 256QAM-256QAM | 41292-41490 | 1RB#0-0RB#0 | 21.57 | 23.09 | 33 | PASS |
| 41-41 | 20MHz-5MHz  | QPSK-QPSK     | 39750-39867 | 1RB#0-0RB#0 | 26.38 | 27.9  | 33 | PASS |
| 41-41 | 20MHz-5MHz  | QPSK-QPSK     | 40595-40712 | 1RB#0-0RB#0 | 26.71 | 28.23 | 33 | PASS |
| 41-41 | 20MHz-5MHz  | QPSK-QPSK     | 41440-41557 | 1RB#0-0RB#0 | 26.51 | 28.03 | 33 | PASS |
| 41-41 | 20MHz-5MHz  | 16QAM-16QAM   | 39750-39867 | 1RB#0-0RB#0 | 25.46 | 26.98 | 33 | PASS |
| 41-41 | 20MHz-5MHz  | 16QAM-16QAM   | 40595-40712 | 1RB#0-0RB#0 | 25.79 | 27.31 | 33 | PASS |
| 41-41 | 20MHz-5MHz  | 16QAM-16QAM   | 41440-41557 | 1RB#0-0RB#0 | 25.56 | 27.08 | 33 | PASS |
| 41-41 | 20MHz-5MHz  | 64QAM-64QAM   | 39750-39867 | 1RB#0-0RB#0 | 24.11 | 25.63 | 33 | PASS |
| 41-41 | 20MHz-5MHz  | 64QAM-64QAM   | 40595-40712 | 1RB#0-0RB#0 | 24.44 | 25.96 | 33 | PASS |



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| 41-41 | 20MHz-5MHz | 64QAM-64QAM   | 41440-41557 | 1RB#0-0RB#0 | 24.27 | 25.79 | 33 | PASS |
| 41-41 | 20MHz-5MHz | 256QAM-256QAM | 39750-39867 | 1RB#0-0RB#0 | 21.45 | 22.97 | 33 | PASS |
| 41-41 | 20MHz-5MHz | 256QAM-256QAM | 40595-40712 | 1RB#0-0RB#0 | 21.46 | 22.98 | 33 | PASS |
| 41-41 | 20MHz-5MHz | 256QAM-256QAM | 41440-41557 | 1RB#0-0RB#0 | 21.36 | 22.88 | 33 | PASS |
| 41-41 | 5MHz-20MHz | QPSK-QPSK     | 39683-39800 | 1RB#0-0RB#0 | 26.36 | 27.88 | 33 | PASS |
| 41-41 | 5MHz-20MHz | QPSK-QPSK     | 40528-40645 | 1RB#0-0RB#0 | 26.69 | 28.21 | 33 | PASS |
| 41-41 | 5MHz-20MHz | QPSK-QPSK     | 41373-41490 | 1RB#0-0RB#0 | 26.45 | 27.97 | 33 | PASS |
| 41-41 | 5MHz-20MHz | 16QAM-16QAM   | 39683-39800 | 1RB#0-0RB#0 | 25.43 | 26.95 | 33 | PASS |
| 41-41 | 5MHz-20MHz | 16QAM-16QAM   | 40528-40645 | 1RB#0-0RB#0 | 25.79 | 27.31 | 33 | PASS |
| 41-41 | 5MHz-20MHz | 16QAM-16QAM   | 41373-41490 | 1RB#0-0RB#0 | 25.53 | 27.05 | 33 | PASS |
| 41-41 | 5MHz-20MHz | 64QAM-64QAM   | 39683-39800 | 1RB#0-0RB#0 | 24.1  | 25.62 | 33 | PASS |
| 41-41 | 5MHz-20MHz | 64QAM-64QAM   | 40528-40645 | 1RB#0-0RB#0 | 24.45 | 25.97 | 33 | PASS |
| 41-41 | 5MHz-20MHz | 64QAM-64QAM   | 41373-41490 | 1RB#0-0RB#0 | 24.18 | 25.7  | 33 | PASS |
| 41-41 | 5MHz-20MHz | 256QAM-256QAM | 39683-39800 | 1RB#0-0RB#0 | 21.25 | 22.77 | 33 | PASS |
| 41-41 | 5MHz-20MHz | 256QAM-256QAM | 40528-40645 | 1RB#0-0RB#0 | 21.57 | 23.09 | 33 | PASS |
| 41-41 | 5MHz-20MHz | 256QAM-256QAM | 41373-41490 | 1RB#0-0RB#0 | 21.34 | 22.86 | 33 | PASS |



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## Peak-to-Average Ratio(CCDF)

### Test Result

| Band  | Bandwidth   | Modulation    | Channel     | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-------------|---------------|-------------|------------------|------------|-----------|---------|
| 41-41 | 20MHz-20MHz | QPSK-QPSK     | 39750-39948 | 100RB#0-100RB#0  | 10.16      | 13        | PASS    |
| 41-41 | 20MHz-20MHz | QPSK-QPSK     | 40521-40719 | 100RB#0-100RB#0  | 9.86       | 13        | PASS    |
| 41-41 | 20MHz-20MHz | QPSK-QPSK     | 41292-41490 | 100RB#0-100RB#0  | 9.74       | 13        | PASS    |
| 41-41 | 20MHz-20MHz | 16QAM-16QAM   | 39750-39948 | 100RB#0-100RB#0  | 10.08      | 13        | PASS    |
| 41-41 | 20MHz-20MHz | 16QAM-16QAM   | 40521-40719 | 100RB#0-100RB#0  | 9.80       | 13        | PASS    |
| 41-41 | 20MHz-20MHz | 16QAM-16QAM   | 41292-41490 | 100RB#0-100RB#0  | 9.74       | 13        | PASS    |
| 41-41 | 20MHz-20MHz | 64QAM-64QAM   | 39750-39948 | 100RB#0-100RB#0  | 10.28      | 13        | PASS    |
| 41-41 | 20MHz-20MHz | 64QAM-64QAM   | 40521-40719 | 100RB#0-100RB#0  | 9.90       | 13        | PASS    |
| 41-41 | 20MHz-20MHz | 64QAM-64QAM   | 41292-41490 | 100RB#0-100RB#0  | 9.88       | 13        | PASS    |
| 41-41 | 20MHz-20MHz | 256QAM-256QAM | 39750-39948 | 100RB#0-100RB#0  | 10.18      | 13        | PASS    |
| 41-41 | 20MHz-20MHz | 256QAM-256QAM | 40521-40719 | 100RB#0-100RB#0  | 10.32      | 13        | PASS    |
| 41-41 | 20MHz-20MHz | 256QAM-256QAM | 41292-41490 | 100RB#0-100RB#0  | 9.84       | 13        | PASS    |



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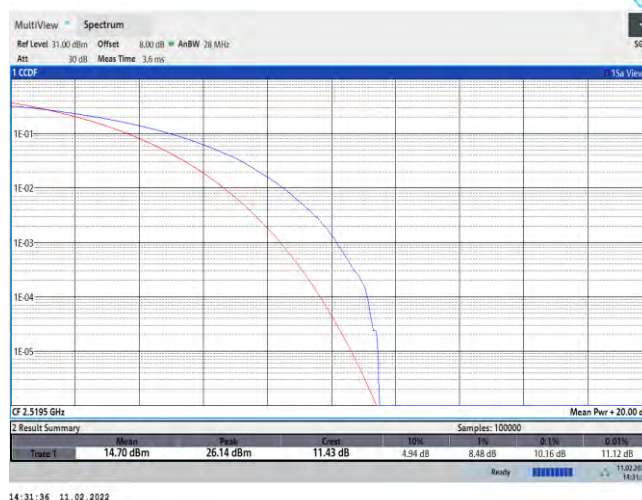
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### Test Graphs

41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-100RB#0-100RB#0



41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-100RB#0-100RB#0



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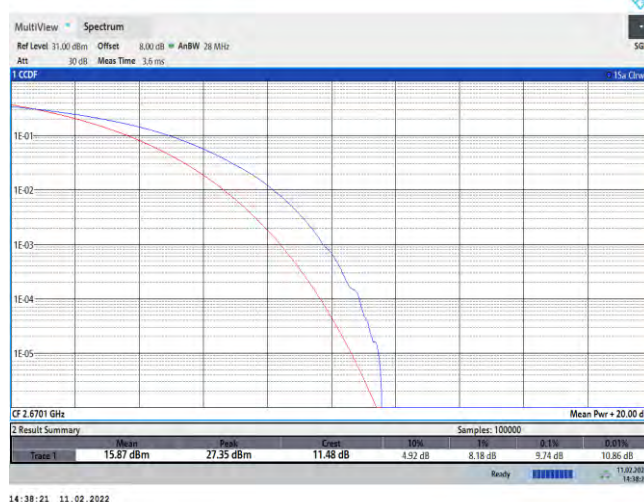
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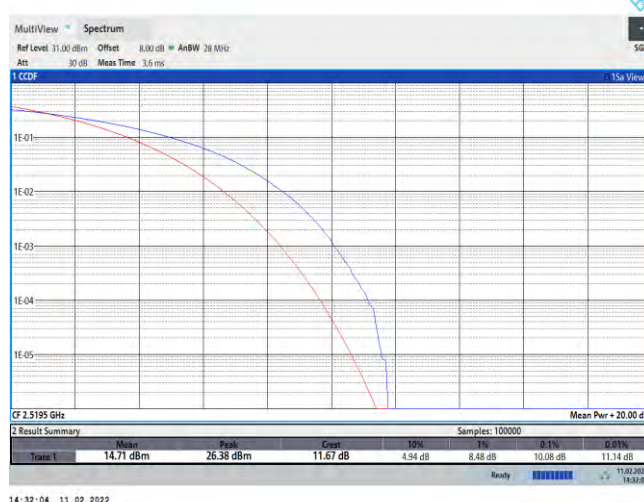
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### 41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-100RB#0-100RB#0



### 41-41-20MHz-20MHz-16QAM-16QAM-39750-39948-100RB#0-100RB#0



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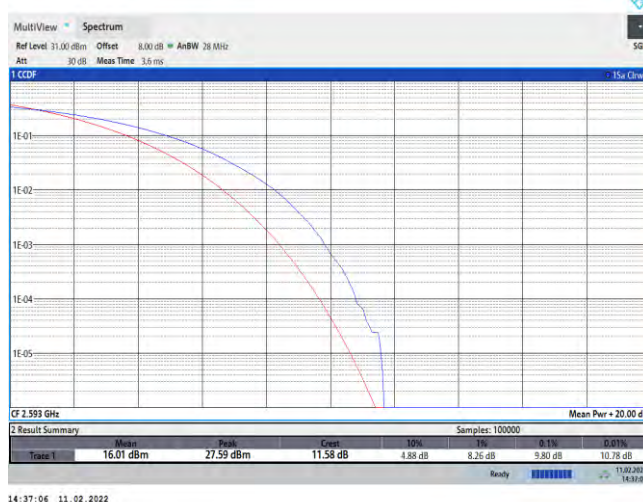
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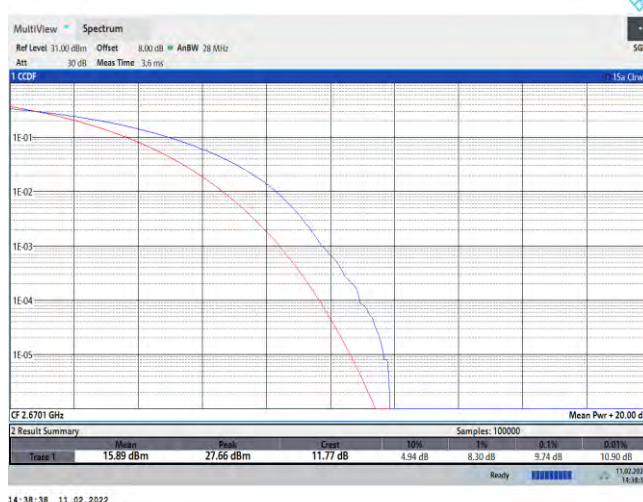
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### 41-41-20MHz-20MHz-16QAM-16QAM-40521-40719-100RB#0-100RB#0



### 41-41-20MHz-20MHz-16QAM-16QAM-41292-41490-100RB#0-100RB#0



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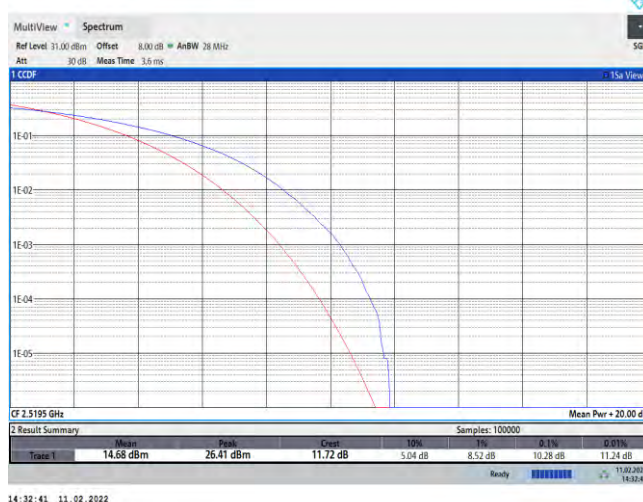
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### 41-41-20MHz-20MHz-64QAM-64QAM-39750-39948-100RB#0-100RB#0



### 41-41-20MHz-20MHz-64QAM-64QAM-40521-40719-100RB#0-100RB#0



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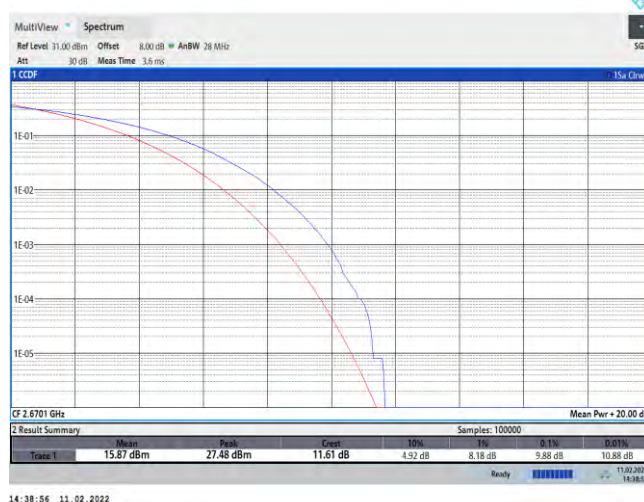
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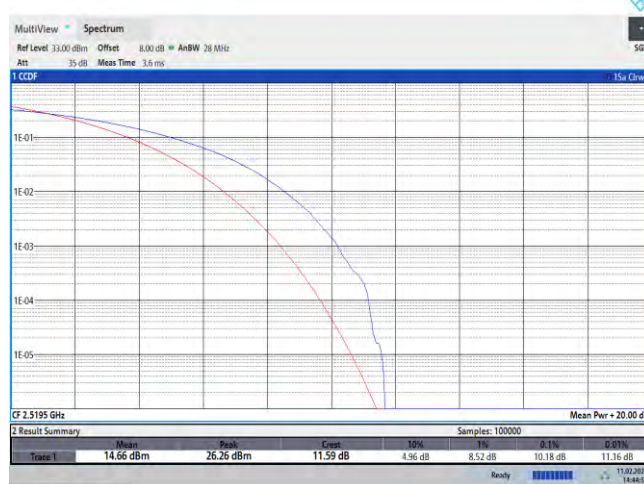
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### 41-41-20MHz-20MHz-64QAM-64QAM-41292-41490-100RB#0-100RB#0



14:38:56 11.02.2022

### 41-41-20MHz-20MHz-256QAM-256QAM-39750-39948-100RB#0-100RB#0



14:44:58 11.02.2022



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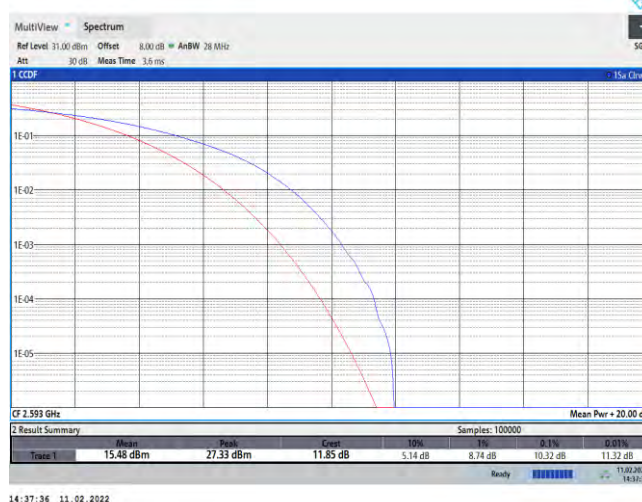
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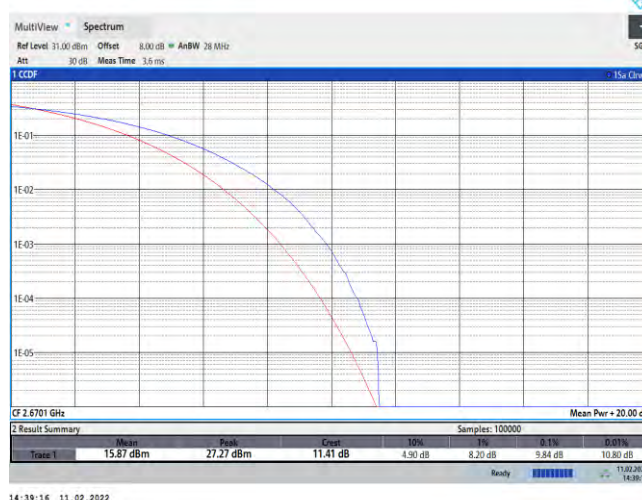
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### 41-41-20MHz-20MHz-256QAM-256QAM-40521-40719-100RB#0-100RB#0



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## Modulation Characteristics

### Test Result

| Band  | Bandwidth | Modulation    | Channel     | RB Configuration | Result | Verdict |
|-------|-----------|---------------|-------------|------------------|--------|---------|
| 41-41 | 20-20     | QPSK-QPSK     | 40521-40719 | 100RB#0-100RB#0  | PASS   | PASS    |
| 41-41 | 20-20     | 16QAM-16QAM   | 40521-40719 | 100RB#0-100RB#0  | PASS   | PASS    |
| 41-41 | 20-20     | 64QAM-64QAM   | 40521-40719 | 100RB#0-100RB#0  | PASS   | PASS    |
| 41-41 | 20-20     | 256QAM-256QAM | 40521-40719 | 100RB#0-100RB#0  | PASS   | PASS    |



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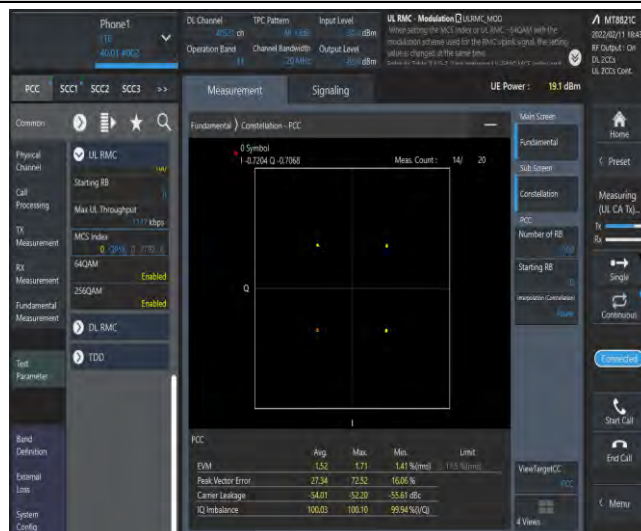
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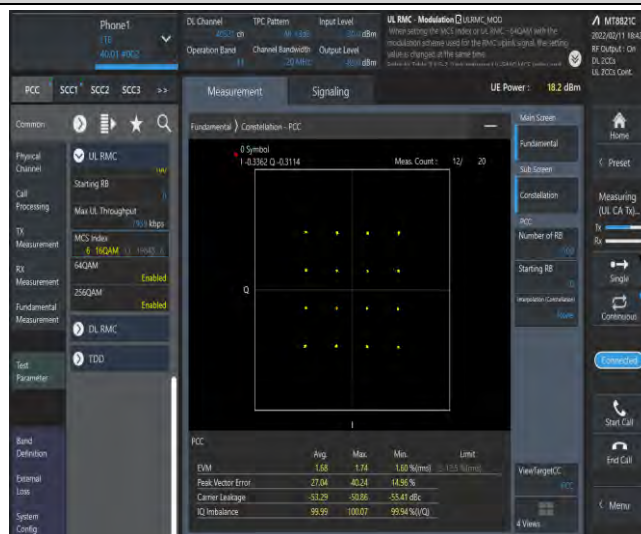
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### Test Graphs

41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-100RB#0-100RB#0



41-41-20MHz-20MHz-16QAM-16QAM-40521-40719-100RB#0-100RB#0



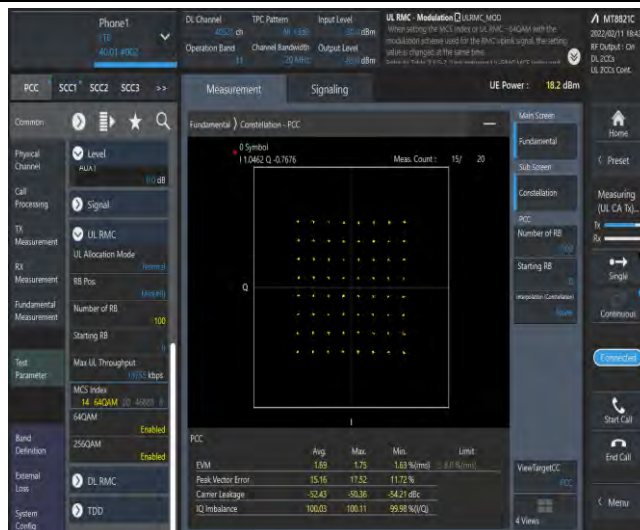
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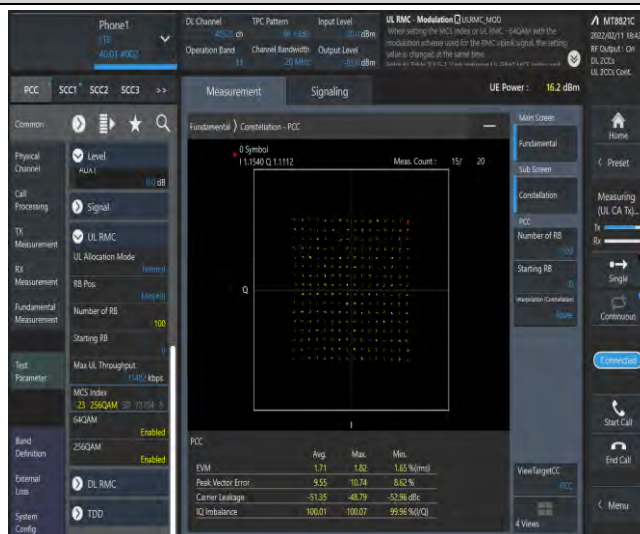
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## 41-41-20MHz-20MHz-64QAM-64QAM-40521-40719-100RB#0-100RB#0



## 41-41-20MHz-20MHz-256QAM-256QAM-40521-40719-100RB#0-100RB#0



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## 26dB Bandwidth and Occupied Bandwidth

### Test Result

| Band  | Bandwidth   | Modulation    | Channel     | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------|-------------|---------------|-------------|------------------|--------------------------|----------------------|---------|
| 41-41 | 10MHz-15MHz | QPSK-QPSK     | 39703-39823 | 50RB#0-75RB#0    | 23.156                   | 24.45                | PASS    |
| 41-41 | 10MHz-15MHz | QPSK-QPSK     | 40549-40669 | 50RB#0-75RB#0    | 23.135                   | 24.45                | PASS    |
| 41-41 | 10MHz-15MHz | QPSK-QPSK     | 41395-41515 | 50RB#0-75RB#0    | 23.101                   | 24.45                | PASS    |
| 41-41 | 10MHz-15MHz | 16QAM-16QAM   | 39703-39823 | 50RB#0-75RB#0    | 23.136                   | 24.40                | PASS    |
| 41-41 | 10MHz-15MHz | 16QAM-16QAM   | 40549-40669 | 50RB#0-75RB#0    | 23.115                   | 24.50                | PASS    |
| 41-41 | 10MHz-15MHz | 16QAM-16QAM   | 41395-41515 | 50RB#0-75RB#0    | 23.084                   | 24.40                | PASS    |
| 41-41 | 10MHz-15MHz | 64QAM-64QAM   | 39703-39823 | 50RB#0-75RB#0    | 23.145                   | 24.50                | PASS    |
| 41-41 | 10MHz-15MHz | 64QAM-64QAM   | 40549-40669 | 50RB#0-75RB#0    | 23.154                   | 24.45                | PASS    |
| 41-41 | 10MHz-15MHz | 64QAM-64QAM   | 41395-41515 | 50RB#0-75RB#0    | 23.111                   | 24.35                | PASS    |
| 41-41 | 10MHz-15MHz | 256QAM-256QAM | 39703-39823 | 50RB#0-75RB#0    | 23.117                   | 24.45                | PASS    |
| 41-41 | 10MHz-15MHz | 256QAM-256QAM | 40549-40669 | 50RB#0-75RB#0    | 23.091                   | 24.45                | PASS    |
| 41-41 | 10MHz-15MHz | 256QAM-256QAM | 41395-41515 | 50RB#0-75RB#0    | 23.084                   | 24.40                | PASS    |
| 41-41 | 10MHz-20MHz | QPSK-QPSK     | 39705-39849 | 50RB#0-100RB#0   | 27.698                   | 29.10                | PASS    |
| 41-41 | 10MHz-20MHz | QPSK-QPSK     | 40526-40670 | 50RB#0-100RB#0   | 27.684                   | 29.04                | PASS    |
| 41-41 | 10MHz-20MHz | QPSK-QPSK     | 41346-41490 | 50RB#0-100RB#0   | 27.628                   | 28.98                | PASS    |
| 41-41 | 10MHz-20MHz | 16QAM-16QAM   | 39705-39849 | 50RB#0-100RB#0   | 27.717                   | 29.16                | PASS    |
| 41-41 | 10MHz-20MHz | 16QAM-16QAM   | 40526-40670 | 50RB#0-100RB#0   | 27.716                   | 29.04                | PASS    |
| 41-41 | 10MHz-20MHz | 16QAM-16QAM   | 41346-41490 | 50RB#0-100RB#0   | 27.660                   | 29.10                | PASS    |
| 41-41 | 10MHz-20MHz | 64QAM-64QAM   | 39705-39849 | 50RB#0-100RB#0   | 27.705                   | 29.10                | PASS    |
| 41-41 | 10MHz-20MHz | 64QAM-64QAM   | 40526-40670 | 50RB#0-100RB#0   | 27.696                   | 29.04                | PASS    |
| 41-41 | 10MHz-20MHz | 64QAM-64QAM   | 41346-41490 | 50RB#0-100RB#0   | 27.643                   | 29.04                | PASS    |
| 41-41 | 10MHz-20MHz | 256QAM-256QAM | 39705-39849 | 50RB#0-100RB#0   | 27.691                   | 29.10                | PASS    |
| 41-41 | 10MHz-20MHz | 256QAM-256QAM | 40526-40670 | 50RB#0-100RB#0   | 27.681                   | 29.10                | PASS    |
| 41-41 | 10MHz-20MHz | 256QAM-256QAM | 41346-41490 | 50RB#0-100RB#0   | 27.616                   | 29.04                | PASS    |
| 41-41 | 15MHz-10MHz | QPSK-QPSK     | 39725-39845 | 75RB#0-50RB#0    | 23.141                   | 24.50                | PASS    |
| 41-41 | 15MHz-10MHz | QPSK-QPSK     | 40571-40691 | 75RB#0-50RB#0    | 23.139                   | 24.50                | PASS    |
| 41-41 | 15MHz-10MHz | QPSK-QPSK     | 41417-41537 | 75RB#0-50RB#0    | 23.141                   | 24.50                | PASS    |
| 41-41 | 15MHz-10MHz | 16QAM-16QAM   | 39725-39845 | 75RB#0-50RB#0    | 23.170                   | 24.50                | PASS    |
| 41-41 | 15MHz-10MHz | 16QAM-16QAM   | 40571-40691 | 75RB#0-50RB#0    | 23.134                   | 24.45                | PASS    |
| 41-41 | 15MHz-10MHz | 16QAM-16QAM   | 41417-41537 | 75RB#0-50RB#0    | 23.151                   | 24.50                | PASS    |
| 41-41 | 15MHz-10MHz | 64QAM-64QAM   | 39725-39845 | 75RB#0-50RB#0    | 23.161                   | 24.45                | PASS    |



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| 41-41 | 15MHz-10MHz | 64QAM-64QAM   | 40571-40691 | 75RB#0-50RB#0  | 23.140 | 24.50 | PASS |
| 41-41 | 15MHz-10MHz | 64QAM-64QAM   | 41417-41537 | 75RB#0-50RB#0  | 23.137 | 24.50 | PASS |
| 41-41 | 15MHz-10MHz | 256QAM-256QAM | 39725-39845 | 75RB#0-50RB#0  | 23.140 | 24.50 | PASS |
| 41-41 | 15MHz-10MHz | 256QAM-256QAM | 40571-40691 | 75RB#0-50RB#0  | 23.128 | 24.45 | PASS |
| 41-41 | 15MHz-10MHz | 256QAM-256QAM | 41417-41537 | 75RB#0-50RB#0  | 23.139 | 24.50 | PASS |
| 41-41 | 15MHz-15MHz | QPSK-QPSK     | 39725-39875 | 75RB#0-50RB#0  | 28.328 | 29.76 | PASS |
| 41-41 | 15MHz-15MHz | QPSK-QPSK     | 39725-39875 | 75RB#0-75RB#0  | 28.341 | 29.76 | PASS |
| 41-41 | 15MHz-15MHz | QPSK-QPSK     | 40545-40695 | 75RB#0-75RB#0  | 28.545 | 29.58 | PASS |
| 41-41 | 15MHz-15MHz | QPSK-QPSK     | 41365-41515 | 75RB#0-75RB#0  | 28.325 | 29.70 | PASS |
| 41-41 | 15MHz-15MHz | 16QAM-16QAM   | 39725-39875 | 75RB#0-75RB#0  | 28.305 | 29.70 | PASS |
| 41-41 | 15MHz-15MHz | 16QAM-16QAM   | 40545-40695 | 75RB#0-75RB#0  | 28.312 | 29.70 | PASS |
| 41-41 | 15MHz-15MHz | 16QAM-16QAM   | 41365-41515 | 75RB#0-75RB#0  | 28.279 | 29.70 | PASS |
| 41-41 | 15MHz-15MHz | 64QAM-64QAM   | 39725-39875 | 75RB#0-75RB#0  | 28.341 | 29.76 | PASS |
| 41-41 | 15MHz-15MHz | 64QAM-64QAM   | 40545-40695 | 75RB#0-75RB#0  | 28.328 | 29.76 | PASS |
| 41-41 | 15MHz-15MHz | 64QAM-64QAM   | 41365-41515 | 75RB#0-75RB#0  | 28.308 | 29.70 | PASS |
| 41-41 | 15MHz-15MHz | 256QAM-256QAM | 39725-39875 | 75RB#0-75RB#0  | 28.313 | 29.70 | PASS |
| 41-41 | 15MHz-15MHz | 256QAM-256QAM | 40545-40695 | 75RB#0-75RB#0  | 28.299 | 29.76 | PASS |
| 41-41 | 15MHz-15MHz | 256QAM-256QAM | 41365-41515 | 75RB#0-75RB#0  | 28.281 | 29.70 | PASS |
| 41-41 | 15MHz-20MHz | QPSK-QPSK     | 39728-39899 | 75RB#0-100RB#0 | 32.534 | 34.09 | PASS |
| 41-41 | 15MHz-20MHz | QPSK-QPSK     | 40523-40694 | 75RB#0-100RB#0 | 32.566 | 34.09 | PASS |
| 41-41 | 15MHz-20MHz | QPSK-QPSK     | 41319-41490 | 75RB#0-100RB#0 | 32.553 | 34.09 | PASS |
| 41-41 | 15MHz-20MHz | 16QAM-16QAM   | 39728-39899 | 75RB#0-100RB#0 | 32.574 | 34.09 | PASS |
| 41-41 | 15MHz-20MHz | 16QAM-16QAM   | 40523-40694 | 75RB#0-100RB#0 | 32.604 | 34.09 | PASS |
| 41-41 | 15MHz-20MHz | 16QAM-16QAM   | 41319-41490 | 75RB#0-100RB#0 | 32.580 | 34.09 | PASS |
| 41-41 | 15MHz-20MHz | 64QAM-64QAM   | 39728-39899 | 75RB#0-100RB#0 | 32.557 | 34.09 | PASS |
| 41-41 | 15MHz-20MHz | 64QAM-64QAM   | 40523-40694 | 75RB#0-100RB#0 | 32.593 | 34.09 | PASS |
| 41-41 | 15MHz-20MHz | 64QAM-64QAM   | 41319-41490 | 75RB#0-100RB#0 | 32.565 | 34.09 | PASS |
| 41-41 | 15MHz-20MHz | 256QAM-256QAM | 39728-39899 | 75RB#0-100RB#0 | 32.543 | 34.09 | PASS |
| 41-41 | 15MHz-20MHz | 256QAM-256QAM | 40523-40694 | 75RB#0-100RB#0 | 32.553 | 34.09 | PASS |
| 41-41 | 15MHz-20MHz | 256QAM-256QAM | 41319-41490 | 75RB#0-100RB#0 | 32.535 | 34.09 | PASS |
| 41-41 | 20MHz-15MHz | QPSK-QPSK     | 39750-39921 | 100RB#0-75RB#0 | 32.563 | 34.09 | PASS |
| 41-41 | 20MHz-15MHz | QPSK-QPSK     | 40546-40717 | 100RB#0-75RB#0 | 32.593 | 34.16 | PASS |
| 41-41 | 20MHz-15MHz | QPSK-QPSK     | 41341-41512 | 100RB#0-75RB#0 | 32.604 | 34.09 | PASS |
| 41-41 | 20MHz-15MHz | 16QAM-16QAM   | 39750-39921 | 100RB#0-75RB#0 | 32.553 | 34.09 | PASS |
| 41-41 | 20MHz-15MHz | 16QAM-16QAM   | 40546-40717 | 100RB#0-75RB#0 | 32.595 | 34.09 | PASS |
| 41-41 | 20MHz-15MHz | 16QAM-16QAM   | 41341-41512 | 100RB#0-75RB#0 | 32.585 | 34.09 | PASS |
| 41-41 | 20MHz-15MHz | 64QAM-64QAM   | 39750-39921 | 100RB#0-75RB#0 | 32.567 | 34.09 | PASS |



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| 41-41 | 20MHz-15MHz | 64QAM-64QAM   | 40546-40717 | 100RB#0-75RB#0  | 32.614 | 34.16 | PASS |
| 41-41 | 20MHz-15MHz | 64QAM-64QAM   | 41341-41512 | 100RB#0-75RB#0  | 32.603 | 34.09 | PASS |
| 41-41 | 20MHz-15MHz | 256QAM-256QAM | 39750-39921 | 100RB#0-75RB#0  | 32.542 | 34.16 | PASS |
| 41-41 | 20MHz-15MHz | 256QAM-256QAM | 40546-40717 | 100RB#0-75RB#0  | 32.596 | 34.09 | PASS |
| 41-41 | 20MHz-15MHz | 256QAM-256QAM | 41341-41512 | 100RB#0-75RB#0  | 32.563 | 34.09 | PASS |
| 41-41 | 20MHz-20MHz | QPSK-QPSK     | 39750-39948 | 100RB#0-100RB#0 | 37.657 | 40.16 | PASS |
| 41-41 | 20MHz-20MHz | QPSK-QPSK     | 40521-40719 | 100RB#0-100RB#0 | 37.707 | 40.24 | PASS |
| 41-41 | 20MHz-20MHz | QPSK-QPSK     | 41292-41490 | 100RB#0-100RB#0 | 37.706 | 40.16 | PASS |
| 41-41 | 20MHz-20MHz | 16QAM-16QAM   | 39750-39948 | 100RB#0-100RB#0 | 37.68  | 40.24 | PASS |
| 41-41 | 20MHz-20MHz | 16QAM-16QAM   | 40521-40719 | 100RB#0-100RB#0 | 37.752 | 40.24 | PASS |
| 41-41 | 20MHz-20MHz | 16QAM-16QAM   | 41292-41490 | 100RB#0-100RB#0 | 37.738 | 40.16 | PASS |
| 41-41 | 20MHz-20MHz | 64QAM-64QAM   | 39750-39948 | 100RB#0-100RB#0 | 37.662 | 40.08 | PASS |
| 41-41 | 20MHz-20MHz | 64QAM-64QAM   | 40521-40719 | 100RB#0-100RB#0 | 37.724 | 40.24 | PASS |
| 41-41 | 20MHz-20MHz | 64QAM-64QAM   | 41292-41490 | 100RB#0-100RB#0 | 37.691 | 40.16 | PASS |
| 41-41 | 20MHz-20MHz | 256QAM-256QAM | 39750-39948 | 100RB#0-100RB#0 | 37.643 | 40.16 | PASS |
| 41-41 | 20MHz-20MHz | 256QAM-256QAM | 40521-40719 | 100RB#0-100RB#0 | 37.700 | 40.24 | PASS |
| 41-41 | 20MHz-20MHz | 256QAM-256QAM | 41292-41490 | 100RB#0-100RB#0 | 37.680 | 40.16 | PASS |
| 41-41 | 20MHz-5MHz  | QPSK-QPSK     | 39750-39867 | 100RB#0-25RB#0  | 23.122 | 24.05 | PASS |
| 41-41 | 20MHz-5MHz  | QPSK-QPSK     | 40595-40712 | 100RB#0-25RB#0  | 22.878 | 24.10 | PASS |
| 41-41 | 20MHz-5MHz  | QPSK-QPSK     | 41440-41557 | 100RB#0-25RB#0  | 22.889 | 24.15 | PASS |
| 41-41 | 20MHz-5MHz  | 16QAM-16QAM   | 39750-39867 | 100RB#0-25RB#0  | 22.879 | 24.15 | PASS |
| 41-41 | 20MHz-5MHz  | 16QAM-16QAM   | 40595-40712 | 100RB#0-25RB#0  | 22.906 | 24.15 | PASS |
| 41-41 | 20MHz-5MHz  | 16QAM-16QAM   | 41440-41557 | 100RB#0-25RB#0  | 22.923 | 24.15 | PASS |
| 41-41 | 20MHz-5MHz  | 64QAM-64QAM   | 39750-39867 | 100RB#0-25RB#0  | 22.860 | 24.10 | PASS |
| 41-41 | 20MHz-5MHz  | 64QAM-64QAM   | 40595-40712 | 100RB#0-25RB#0  | 22.878 | 24.15 | PASS |
| 41-41 | 20MHz-5MHz  | 64QAM-64QAM   | 41440-41557 | 100RB#0-25RB#0  | 22.902 | 24.10 | PASS |
| 41-41 | 20MHz-5MHz  | 256QAM-256QAM | 39750-39867 | 100RB#0-25RB#0  | 22.863 | 24.10 | PASS |
| 41-41 | 20MHz-5MHz  | 256QAM-256QAM | 40595-40712 | 100RB#0-25RB#0  | 22.895 | 24.10 | PASS |
| 41-41 | 20MHz-5MHz  | 256QAM-256QAM | 41440-41557 | 100RB#0-25RB#0  | 22.903 | 24.15 | PASS |
| 41-41 | 5MHz-20MHz  | QPSK-QPSK     | 39683-39800 | 25RB#0-100RB#0  | 22.907 | 24.35 | PASS |
| 41-41 | 5MHz-20MHz  | QPSK-QPSK     | 40528-40645 | 25RB#0-100RB#0  | 22.874 | 24.50 | PASS |
| 41-41 | 5MHz-20MHz  | QPSK-QPSK     | 41373-41490 | 25RB#0-100RB#0  | 22.847 | 24.20 | PASS |
| 41-41 | 5MHz-20MHz  | 16QAM-16QAM   | 39683-39800 | 25RB#0-100RB#0  | 22.892 | 24.30 | PASS |
| 41-41 | 5MHz-20MHz  | 16QAM-16QAM   | 40528-40645 | 25RB#0-100RB#0  | 22.860 | 24.20 | PASS |
| 41-41 | 5MHz-20MHz  | 16QAM-16QAM   | 41373-41490 | 25RB#0-100RB#0  | 22.790 | 24.20 | PASS |
| 41-41 | 5MHz-20MHz  | 64QAM-64QAM   | 39683-39800 | 25RB#0-100RB#0  | 22.825 | 24.15 | PASS |
| 41-41 | 5MHz-20MHz  | 64QAM-64QAM   | 40528-40645 | 25RB#0-100RB#0  | 22.839 | 24.95 | PASS |



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| 41-41 | 5MHz-20MHz | 64QAM-64QAM   | 41373-41490 | 25RB#0-100RB#0 | 22.758 | 24.25 | PASS |
| 41-41 | 5MHz-20MHz | 256QAM-256QAM | 39683-39800 | 25RB#0-100RB#0 | 22.865 | 24.50 | PASS |
| 41-41 | 5MHz-20MHz | 256QAM-256QAM | 40528-40645 | 25RB#0-100RB#0 | 22.835 | 24.80 | PASS |
| 41-41 | 5MHz-20MHz | 256QAM-256QAM | 41373-41490 | 25RB#0-100RB#0 | 22.797 | 24.35 | PASS |



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### Test Graphs

#### 41-41-10MHz-15MHz-QPSK-QPSK-39703-39823-50RB#0-75RB#0



#### 41-41-10MHz-15MHz-QPSK-QPSK-40549-40669-50RB#0-75RB#0



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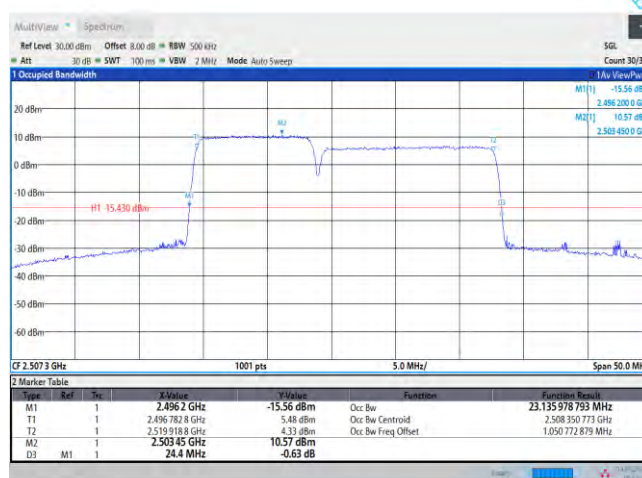
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### 41-41-10MHz-15MHz-QPSK-QPSK-41395-41515-50RB#0-75RB#0



15:02:06 14.01.2022

### 41-41-10MHz-15MHz-16QAM-16QAM-39703-39823-50RB#0-75RB#0



14:57:52 14.01.2022



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### 41-41-10MHz-15MHz-16QAM-16QAM-40549-40669-50RB#0-75RB#0



15:00:18 14.01.2022

### 41-41-10MHz-15MHz-16QAM-16QAM-41395-41515-50RB#0-75RB#0



15:02:38 14.01.2022



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### 41-41-10MHz-15MHz-64QAM-64QAM-39703-39823-50RB#0-75RB#0



14:58:24 14.01.2022

### 41-41-10MHz-15MHz-64QAM-64QAM-40549-40669-50RB#0-75RB#0



15:00:50 14.01.2022



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### 41-41-10MHz-15MHz-64QAM-64QAM-41395-41515-50RB#0-75RB#0



### 41-41-10MHz-15MHz-256QAM-256QAM-39703-39823-50RB#0-75RB#0



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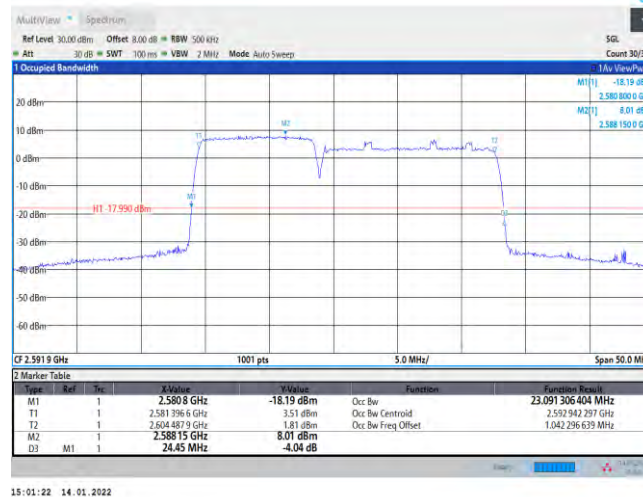
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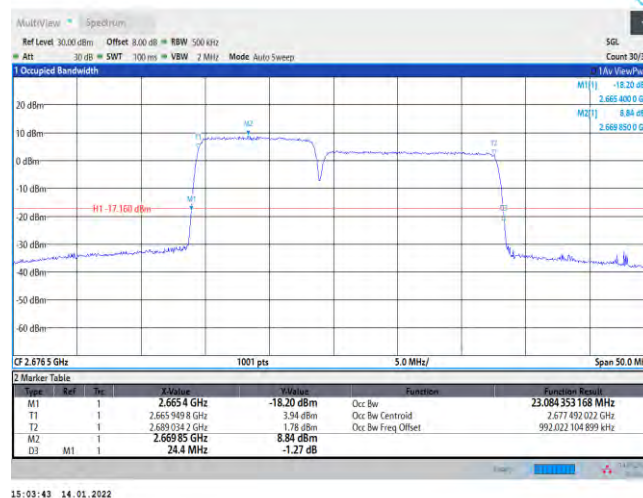
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### 41-41-10MHz-15MHz-256QAM-256QAM-40549-40669-50RB#0-75RB#0



### 41-41-10MHz-15MHz-256QAM-256QAM-41395-41515-50RB#0-75RB#0



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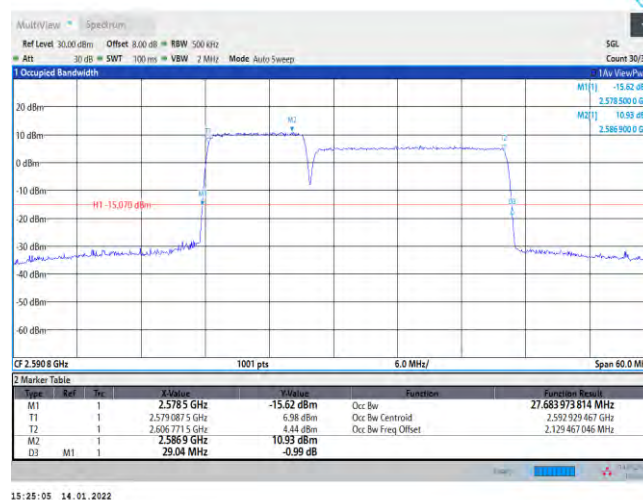
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## 41-41-10MHz-20MHz-QPSK-QPSK-39705-39849-50RB#0-100RB#0



## 41-41-10MHz-20MHz-QPSK-QPSK-40526-40670-50RB#0-100RB#0



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### 41-41-10MHz-20MHz-QPSK-QPSK-41346-41490-50RB#0-100RB#0



15:27:29 14.01.2022

### 41-41-10MHz-20MHz-16QAM-16QAM-39705-39849-50RB#0-100RB#0



15:22:33 14.01.2022



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### 41-41-10MHz-20MHz-16QAM-16QAM-40526-40670-50RB#0-100RB#0



15:25:36 14.01.2022

### 41-41-10MHz-20MHz-16QAM-16QAM-41346-41490-50RB#0-100RB#0



15:28:01 14.01.2022



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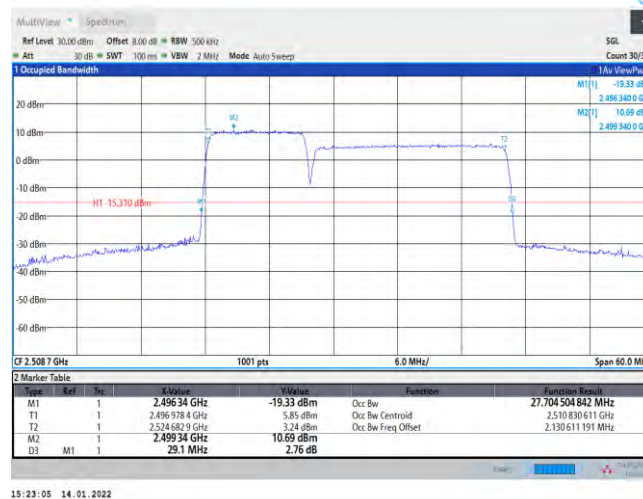
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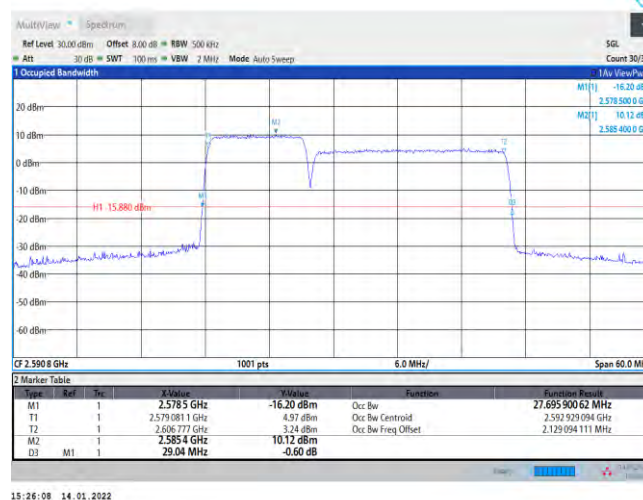
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### 41-41-10MHz-20MHz-64QAM-64QAM-39705-39849-50RB#0-100RB#0



### 41-41-10MHz-20MHz-64QAM-64QAM-40526-40670-50RB#0-100RB#0



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### 41-41-10MHz-20MHz-64QAM-64QAM-41346-41490-50RB#0-100RB#0



15:28:33 14.01.2022

### 41-41-10MHz-20MHz-256QAM-256QAM-39705-39849-50RB#0-100RB#0



15:23:37 14.01.2022



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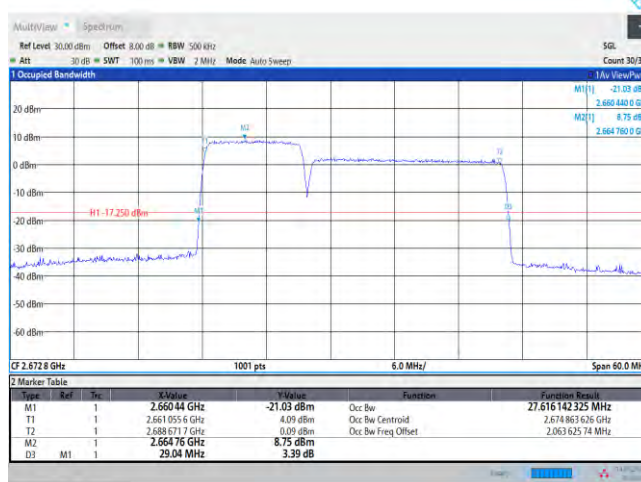
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### 41-41-10MHz-20MHz-256QAM-256QAM-40526-40670-50RB#0-100RB#0



15:26:40 14.01.2022

### 41-41-10MHz-20MHz-256QAM-256QAM-41346-41490-50RB#0-100RB#0



15:29:04 14.01.2022



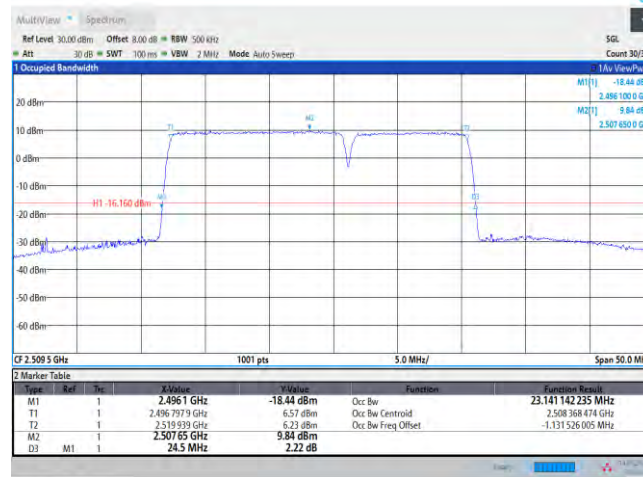
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### 41-41-15MHz-10MHz-QPSK-QPSK-39725-39845-75RB#0-50RB#0



15:33:30 14.01.2022

### 41-41-15MHz-10MHz-QPSK-QPSK-40571-40691-75RB#0-50RB#0



15:36:01 14.01.2022



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### 41-41-15MHz-10MHz-QPSK-QPSK-41417-41537-75RB#0-50RB#0



15:38:32 14.01.2022

### 41-41-15MHz-10MHz-16QAM-16QAM-39725-39845-75RB#0-50RB#0



15:34:02 14.01.2022



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### 41-41-15MHz-10MHz-16QAM-16QAM-40571-40691-75RB#0-50RB#0



### 41-41-15MHz-10MHz-16QAM-16QAM-41417-41537-75RB#0-50RB#0



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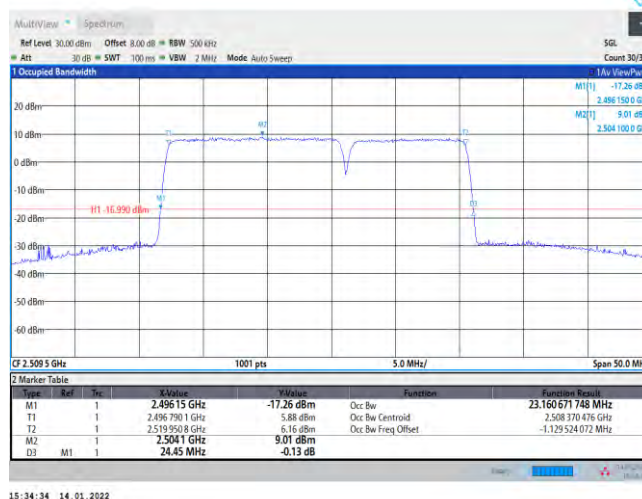
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### 41-41-15MHz-10MHz-64QAM-64QAM-39725-39845-75RB#0-50RB#0



15:34:34 14.01.2022

### 41-41-15MHz-10MHz-64QAM-64QAM-40571-40691-75RB#0-50RB#0



15:37:05 14.01.2022



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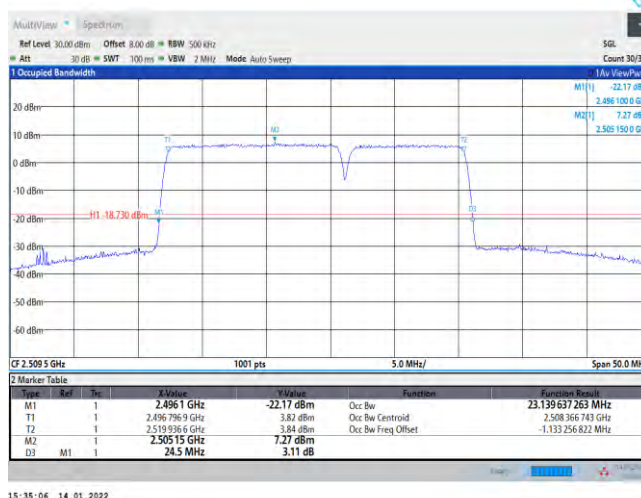
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### 41-41-15MHz-10MHz-64QAM-64QAM-41417-41537-75RB#0-50RB#0



15:39:36 14.01.2022

### 41-41-15MHz-10MHz-256QAM-256QAM-39725-39845-75RB#0-50RB#0



15:35:06 14.01.2022



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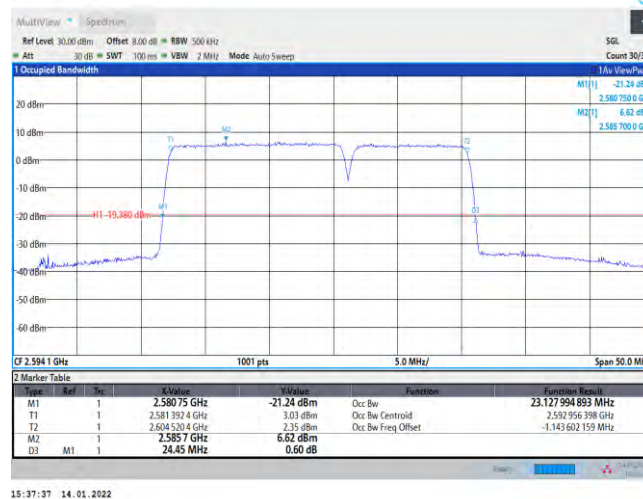
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### 41-41-15MHz-10MHz-256QAM-256QAM-40571-40691-75RB#0-50RB#0



15:37:37 14.01.2022

### 41-41-15MHz-10MHz-256QAM-256QAM-41417-41537-75RB#0-50RB#0



15:40:07 14.01.2022



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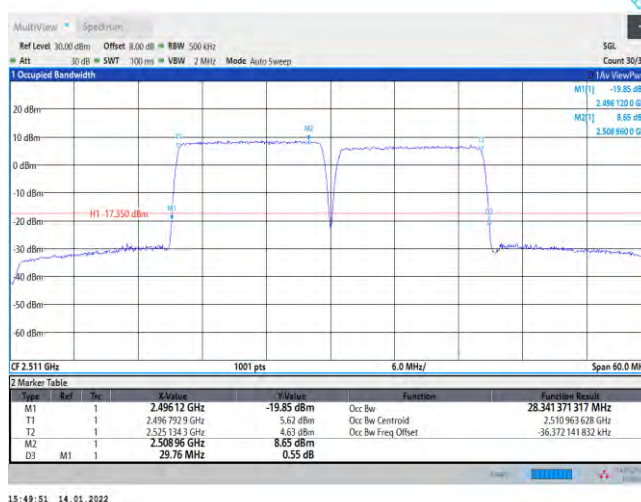
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### 41-41-15MHz-15MHz-QPSK-QPSK-39725-39875-75#0-75#0



15:49:51 14.01.2022

### 41-41-15MHz-15MHz-QPSK-QPSK-39725-39875-75RB#0-75RB#0



15:48:48 14.01.2022



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### 41-41-15MHz-15MHz-QPSK-QPSK-40545-40695-75RB#0-75RB#0



15:51:16 14.01.2022

### 41-41-15MHz-15MHz-QPSK-QPSK-41365-41515-75RB#0-75RB#0



15:53:40 14.01.2022



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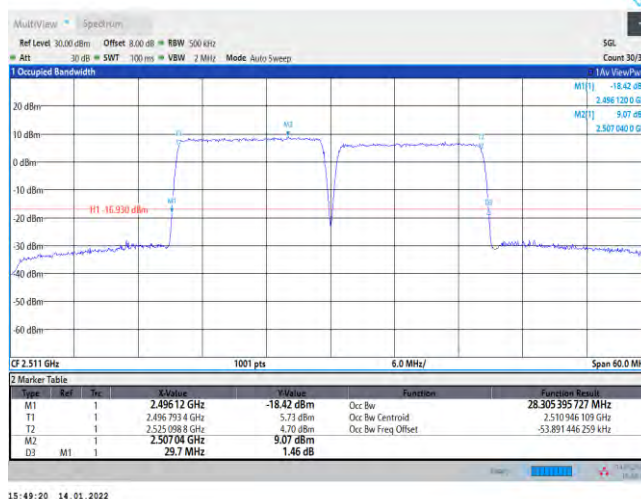
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### 41-41-15MHz-15MHz-16QAM-16QAM-39725-39875-75RB#0-75RB#0



15:49:20 14.01.2022

### 41-41-15MHz-15MHz-16QAM-16QAM-40545-40695-75RB#0-75RB#0



15:51:48 14.01.2022



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### 41-41-15MHz-15MHz-16QAM-16QAM-41365-41515-75RB#0-75RB#0



### 41-41-15MHz-15MHz-64QAM-64QAM-39725-39875-75RB#0-75RB#0



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### 41-41-15MHz-15MHz-64QAM-64QAM-40545-40695-75RB#0-75RB#0



15:52:20 14.01.2022

### 41-41-15MHz-15MHz-64QAM-64QAM-41365-41515-75RB#0-75RB#0



15:54:44 14.01.2022



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### 41-41-15MHz-15MHz-256QAM-256QAM-39725-39875-75RB#0-75RB#0



### 41-41-15MHz-15MHz-256QAM-256QAM-40545-40695-75RB#0-75RB#0



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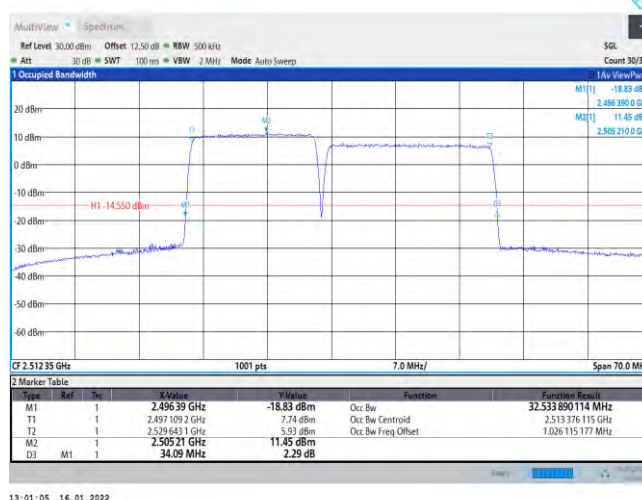
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### 41-41-15MHz-15MHz-256QAM-256QAM-41365-41515-75RB#0-75RB#0



15:55:15 14.01.2022

### 41-41-15MHz-20MHz-QPSK-QPSK-39728-39899-75RB#0-100RB#0



13:01:05 16.01.2022



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### 41-41-15MHz-20MHz-QPSK-QPSK-40523-40694-75RB#0-100RB#0



13:03:22 16.01.2022

### 41-41-15MHz-20MHz-QPSK-QPSK-41319-41490-75RB#0-100RB#0



13:08:38 16.01.2022



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### 41-41-15MHz-20MHz-16QAM-16QAM-39728-39899-75RB#0-100RB#0



### 41-41-15MHz-20MHz-16QAM-16QAM-40523-40694-75RB#0-100RB#0



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### 41-41-15MHz-20MHz-16QAM-16QAM-41319-41490-75RB#0-100RB#0



### 41-41-15MHz-20MHz-64QAM-64QAM-39728-39899-75RB#0-100RB#0



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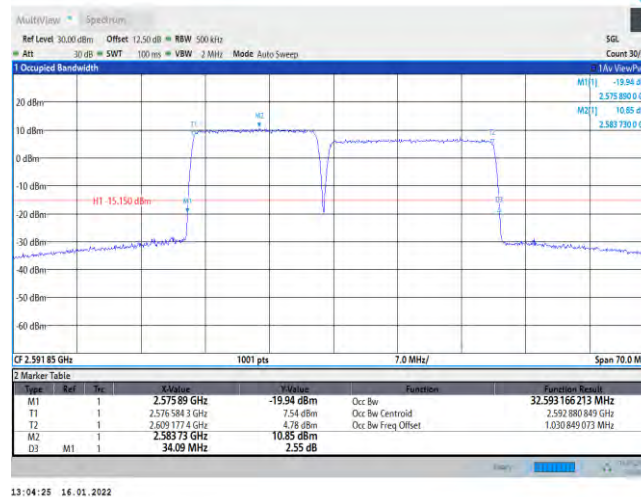
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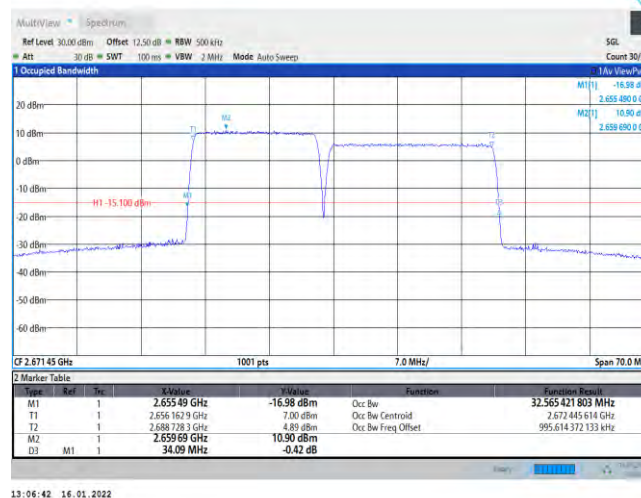
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### 41-41-15MHz-20MHz-64QAM-64QAM-40523-40694-75RB#0-100RB#0



### 41-41-15MHz-20MHz-64QAM-64QAM-41319-41490-75RB#0-100RB#0



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### 41-41-15MHz-20MHz-256QAM-256QAM-39728-39899-75RB#0-100RB#0



13:02:41 16.01.2022

### 41-41-15MHz-20MHz-256QAM-256QAM-40523-40694-75RB#0-100RB#0



13:04:57 16.01.2022



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### 41-41-15MHz-20MHz-256QAM-256QAM-41319-41490-75RB#0-100RB#0



13:07:13 16.01.2022

### 41-41-20MHz-15MHz-QPSK-QPSK-39750-39921-100RB#0-75RB#0



13:15:27 16.01.2022



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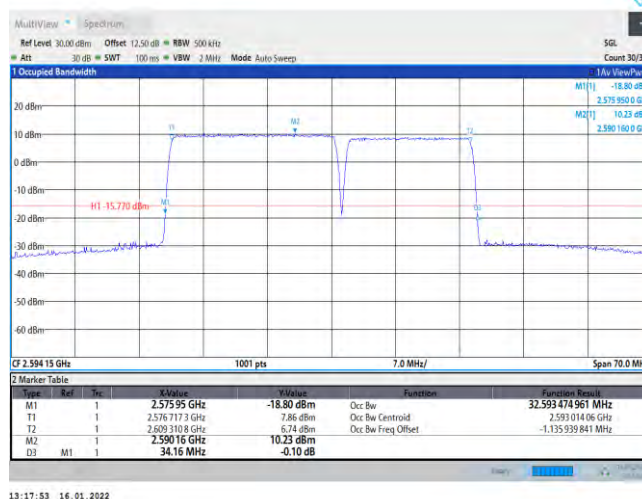
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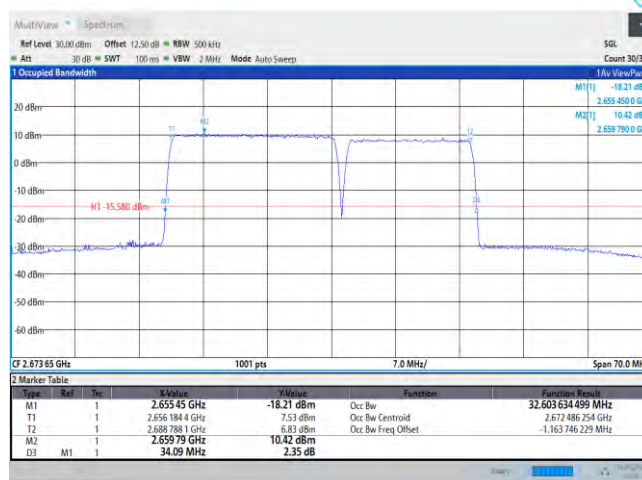
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### 41-41-20MHz-15MHz-QPSK-QPSK-40546-40717-100RB#0-75RB#0



13:17:53 16.01.2022

### 41-41-20MHz-15MHz-QPSK-QPSK-41341-41512-100RB#0-75RB#0



13:20:15 16.01.2022



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### 41-41-20MHz-15MHz-16QAM-16QAM-39750-39921-100RB#0-75RB#0



### 41-41-20MHz-15MHz-16QAM-16QAM-40546-40717-100RB#0-75RB#0



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## 41-41-20MHz-15MHz-16QAM-16QAM-41341-41512-100RB#0-75RB#0



13:20:46 16.01.2022

## 41-41-20MHz-15MHz-64QAM-64QAM-39750-39921-100RB#0-75RB#0



13:16:30 16.01.2022



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### 41-41-20MHz-15MHz-64QAM-64QAM-40546-40717-100RB#0-75RB#0



13:18:56 16.01.2022

### 41-41-20MHz-15MHz-64QAM-64QAM-41341-41512-100RB#0-75RB#0



13:21:18 16.01.2022



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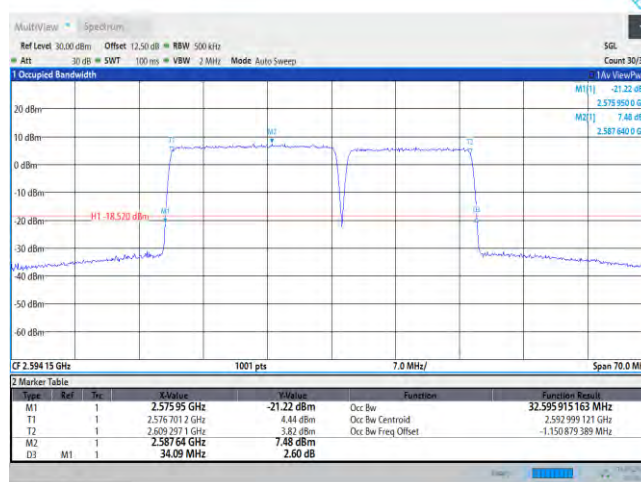
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### 41-41-20MHz-15MHz-256QAM-256QAM-39750-39921-100RB#0-75RB#0



13:17:02 16.01.2022

### 41-41-20MHz-15MHz-256QAM-256QAM-40546-40717-100RB#0-75RB#0



13:19:28 16.01.2022



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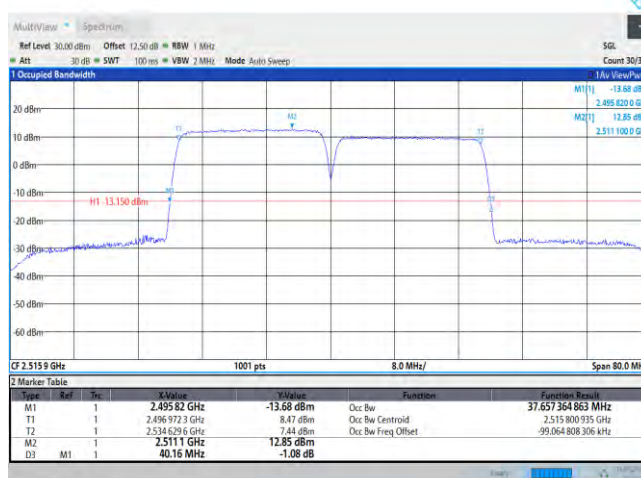
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### 41-41-20MHz-15MHz-256QAM-256QAM-41341-41512-100RB#0-75RB#0



13:21:50 16.01.2022

### 41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-100RB#0-100RB#0



13:22:58 16.01.2022



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### 41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-100RB#0-100RB#0



### 41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-100RB#0-100RB#0



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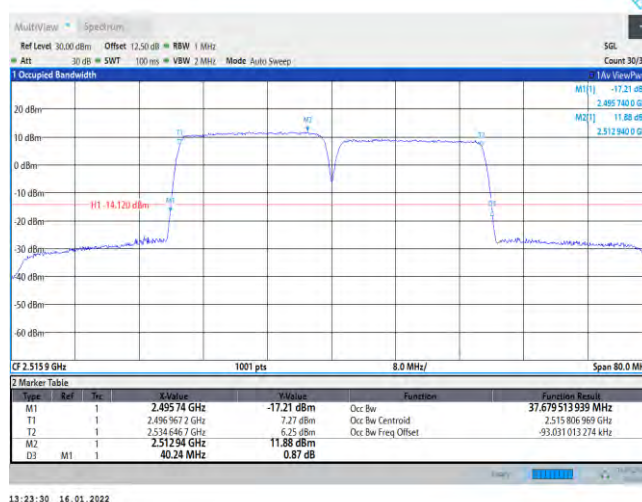
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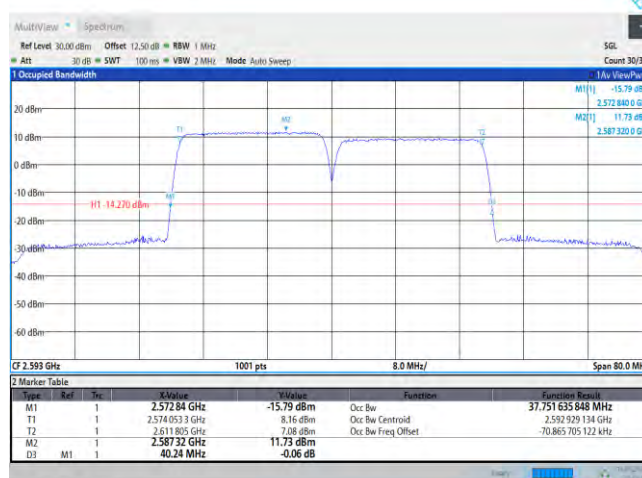
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### 41-41-20MHz-20MHz-16QAM-16QAM-39750-39948-100RB#0-100RB#0



13:23:30 16.01.2022

### 41-41-20MHz-20MHz-16QAM-16QAM-40521-40719-100RB#0-100RB#0



13:25:49 16.01.2022



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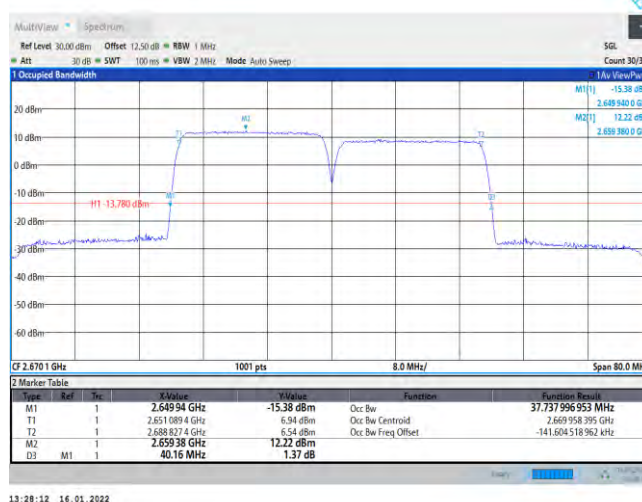
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### 41-41-20MHz-20MHz-16QAM-16QAM-41292-41490-100RB#0-100RB#0



### 41-41-20MHz-20MHz-64QAM-64QAM-39750-39948-100RB#0-100RB#0



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### 41-41-20MHz-20MHz-64QAM-64QAM-40521-40719-100RB#0-100RB#0



### 41-41-20MHz-20MHz-64QAM-64QAM-41292-41490-100RB#0-100RB#0



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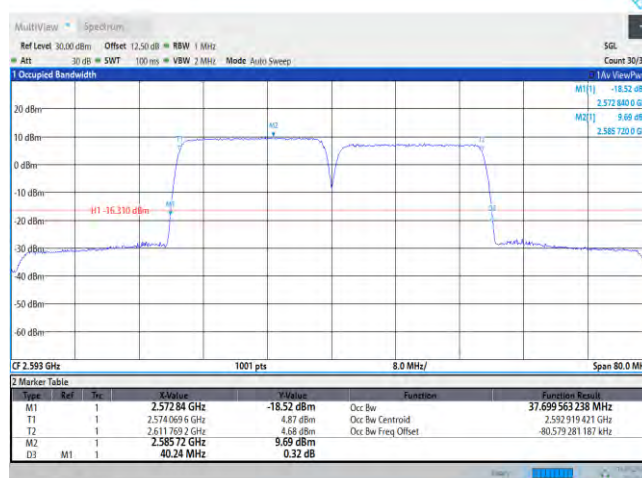
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### 41-41-20MHz-20MHz-256QAM-256QAM-39750-39948-100RB#0-100RB#0



13:24:33 16.01.2022

### 41-41-20MHz-20MHz-256QAM-256QAM-40521-40719-100RB#0-100RB#0



13:26:53 16.01.2022



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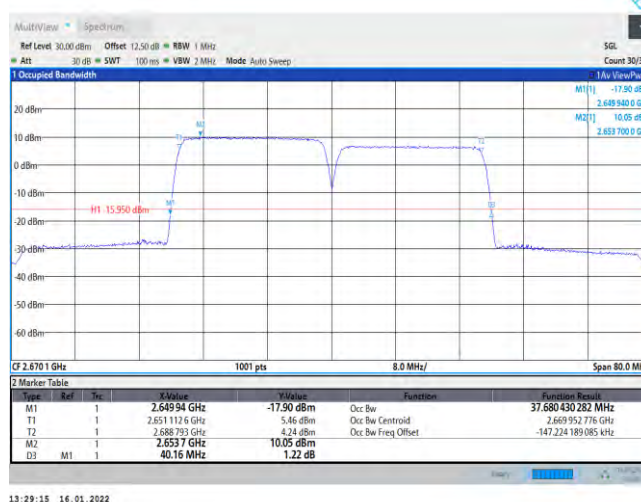
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### 41-41-20MHz-20MHz-256QAM-256QAM-41292-41490-100RB#0-100RB#0



13:29:15 16.01.2022

### 41-41-20MHz-5MHz-QPSK-QPSK-39750-39867-100RB#0-25RB#0



13:08:24 16.01.2022



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### 41-41-20MHz-5MHz-QPSK-QPSK-40595-40712-100RB#0-25RB#0



13:10:44 16.01.2022

### 41-41-20MHz-5MHz-QPSK-QPSK-41440-41557-100RB#0-25RB#0



13:13:05 16.01.2022



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## 41-41-20MHz-5MHz-16QAM-16QAM-39750-39867-100RB#0-25RB#0



## 41-41-20MHz-5MHz-16QAM-16QAM-40595-40712-100RB#0-25RB#0



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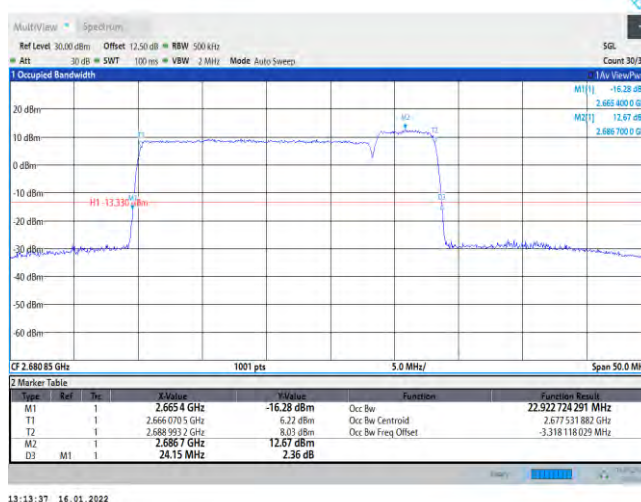
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### 41-41-20MHz-5MHz-16QAM-16QAM-41440-41557-100RB#0-25RB#0



13:13:37 16.01.2022

### 41-41-20MHz-5MHz-64QAM-64QAM-39750-39867-100RB#0-25RB#0



13:09:28 16.01.2022



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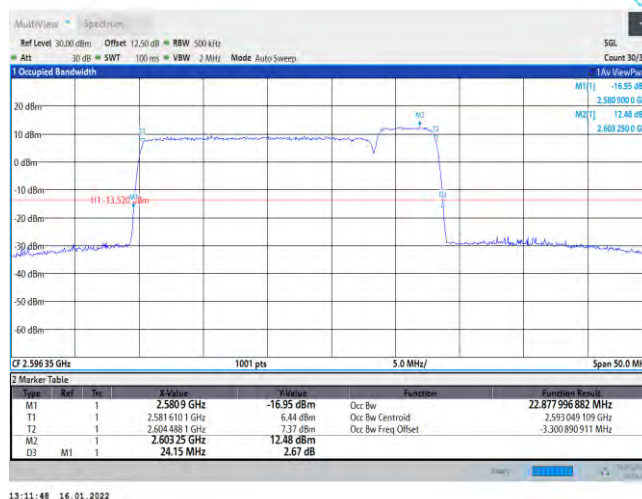
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### 41-41-20MHz-5MHz-64QAM-64QAM-40595-40712-100RB#0-25RB#0



13:11:48 16.01.2022

### 41-41-20MHz-5MHz-64QAM-64QAM-41440-41557-100RB#0-25RB#0



13:14:09 16.01.2022



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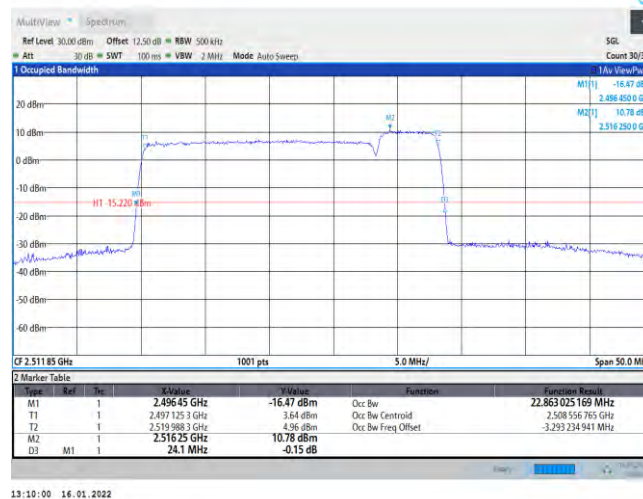
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### 41-41-20MHz-5MHz-256QAM-256QAM-39750-39867-100RB#0-25RB#0



### 41-41-20MHz-5MHz-256QAM-256QAM-40595-40712-100RB#0-25RB#0



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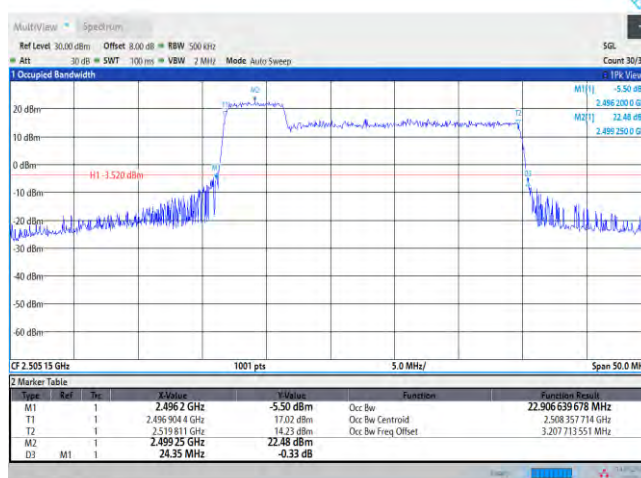
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### 41-41-20MHz-5MHz-256QAM-256QAM-41440-41557-100RB#0-25RB#0



13:14:40 16.01.2022

### 41-41-5MHz-20MHz-QPSK-QPSK-39683-39800-25RB#0-100RB#0



14:49:20 14.01.2022



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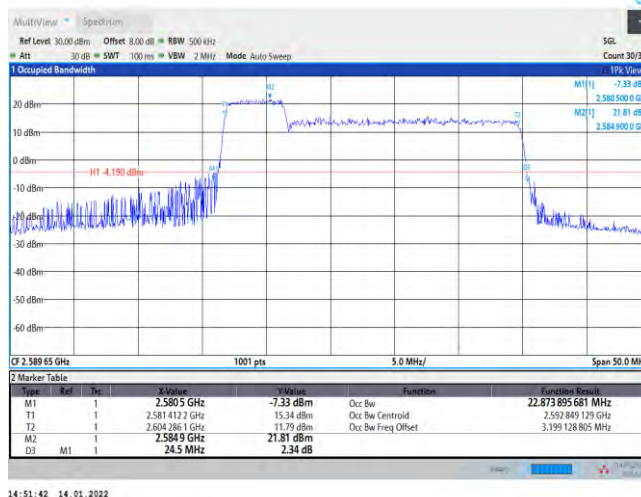
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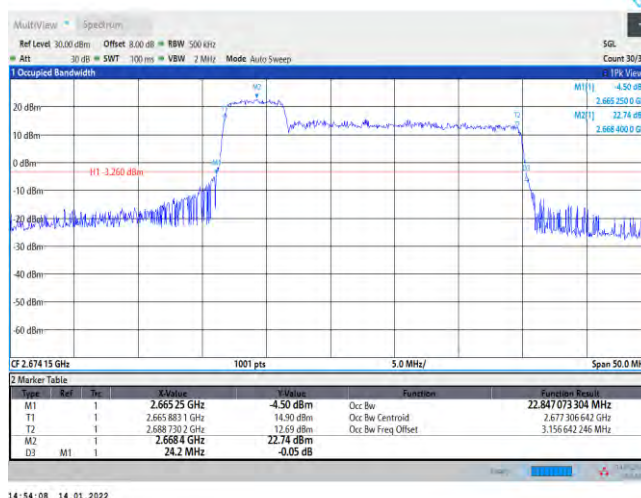
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### 41-41-5MHz-20MHz-QPSK-QPSK-40528-40645-25RB#0-100RB#0



14:51:42 14.01.2022

### 41-41-5MHz-20MHz-QPSK-QPSK-41373-41490-25RB#0-100RB#0



14:54:08 14.01.2022



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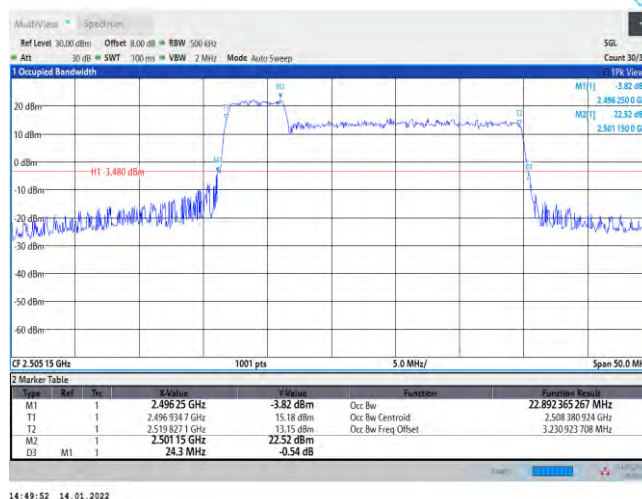
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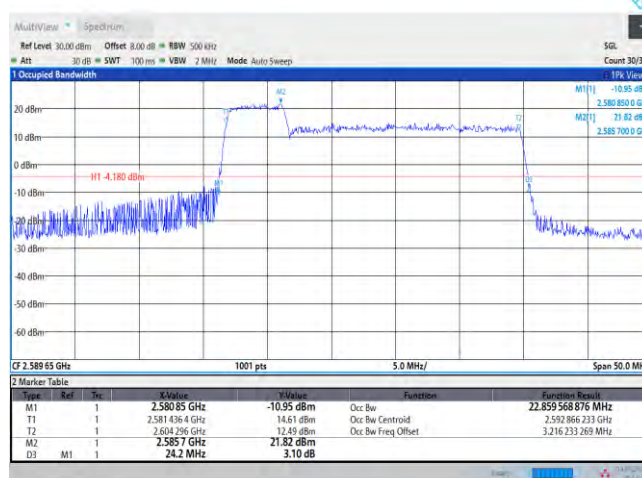
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### 41-41-5MHz-20MHz-16QAM-16QAM-39683-39800-25RB#0-100RB#0



14:49:52 14.01.2022

### 41-41-5MHz-20MHz-16QAM-16QAM-40528-40645-25RB#0-100RB#0



14:52:14 14.01.2022



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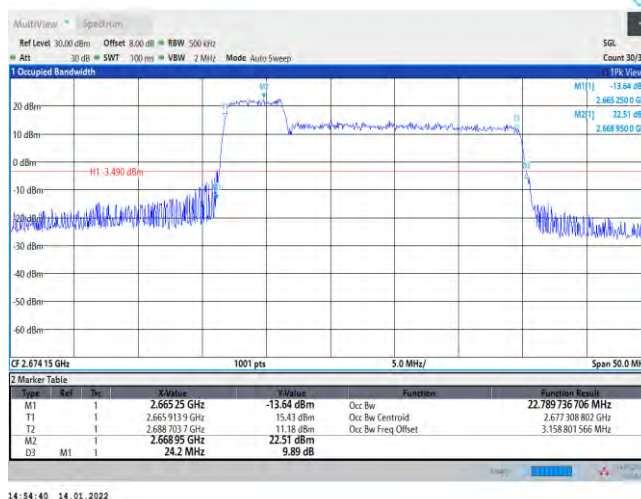
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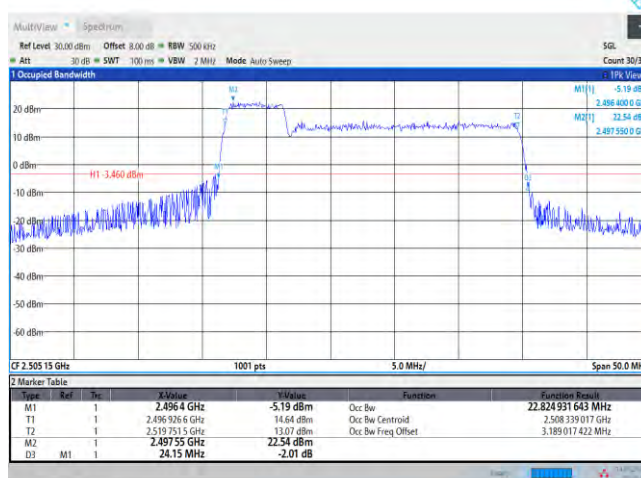
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### 41-41-5MHz-20MHz-16QAM-16QAM-41373-41490-25RB#0-100RB#0



14:54:40 14.01.2022

### 41-41-5MHz-20MHz-64QAM-64QAM-39683-39800-25RB#0-100RB#0



14:50:23 14.01.2022



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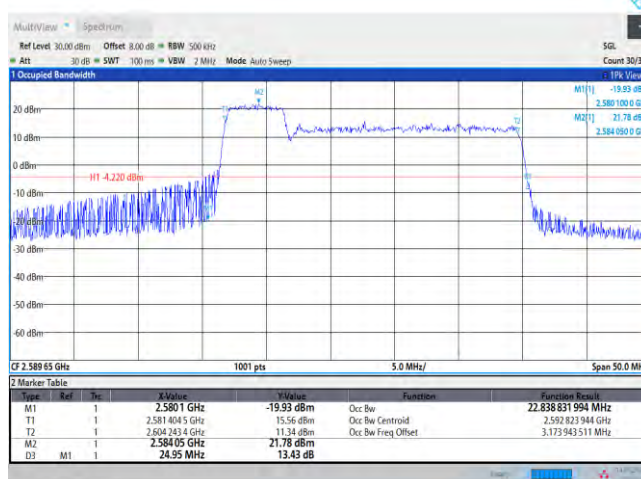
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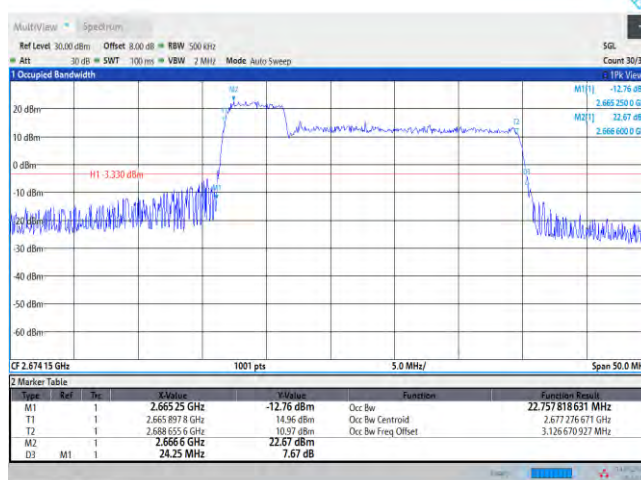
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### 41-41-5MHz-20MHz-64QAM-64QAM-40528-40645-25RB#0-100RB#0



14:52:46 14.01.2022

### 41-41-5MHz-20MHz-64QAM-64QAM-41373-41490-25RB#0-100RB#0



14:55:12 14.01.2022



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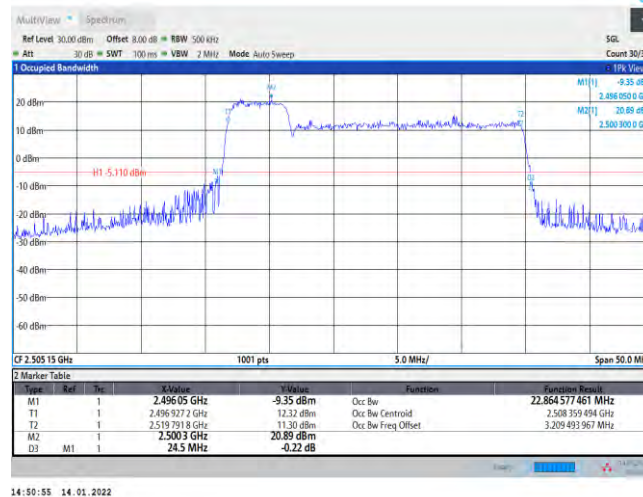
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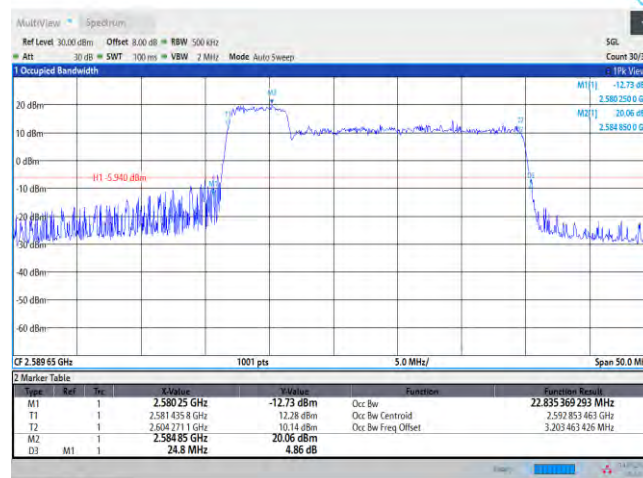
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### 41-41-5MHz-20MHz-256QAM-256QAM-39683-39800-25RB#0-100RB#0



14:50:55 14.01.2022

### 41-41-5MHz-20MHz-256QAM-256QAM-40528-40645-25RB#0-100RB#0



14:53:18 14.01.2022



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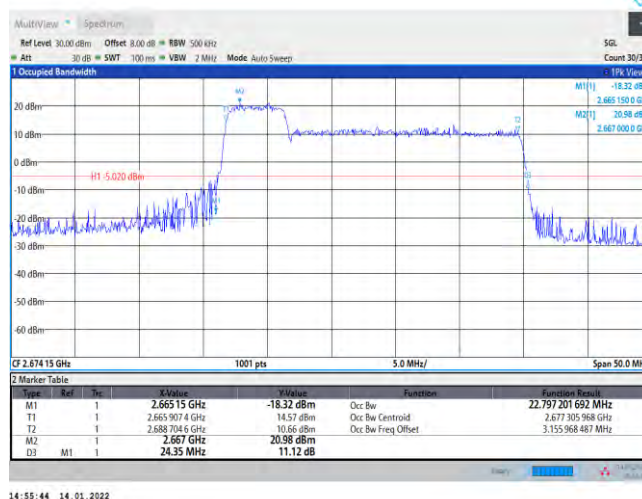
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### 41-41-5MHz-20MHz-256QAM-256QAM-41373-41490-25RB#0-100RB#0



14:55:44 14.01.2022



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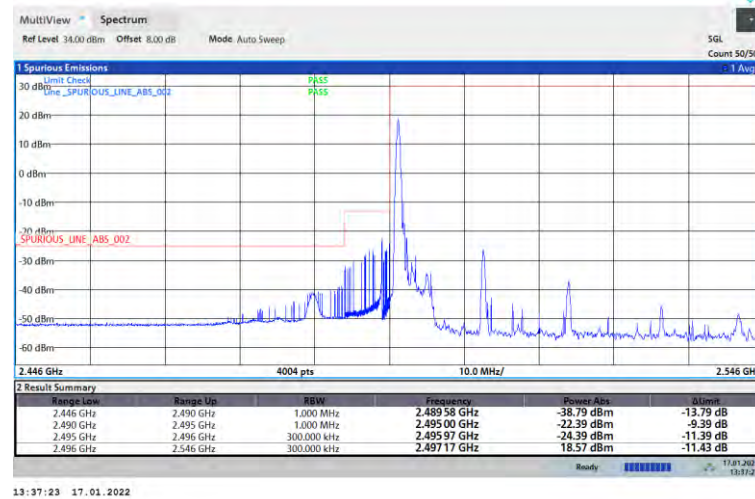
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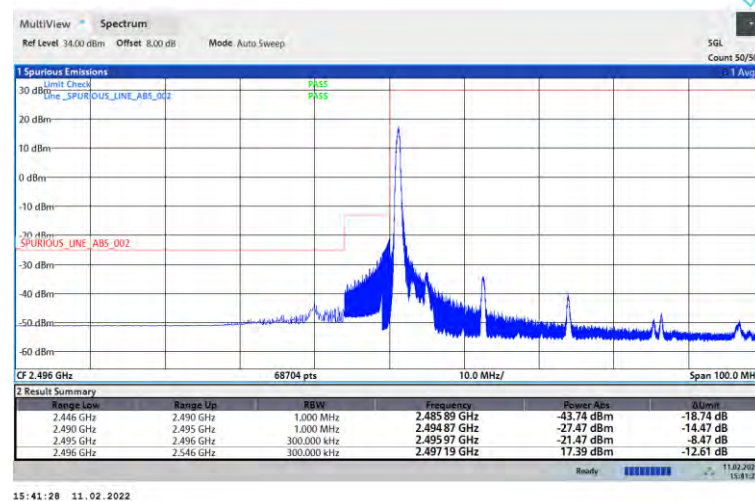
### Band Edge

### Test Graphs

#### 41-41-5MHz-20MHz-QPSK-QPSK-39683-39800-1RB#0-0RB#0



#### 41-41-5MHz-20MHz-16QAM-16QAM-39683-39800-1RB#0-0RB#0



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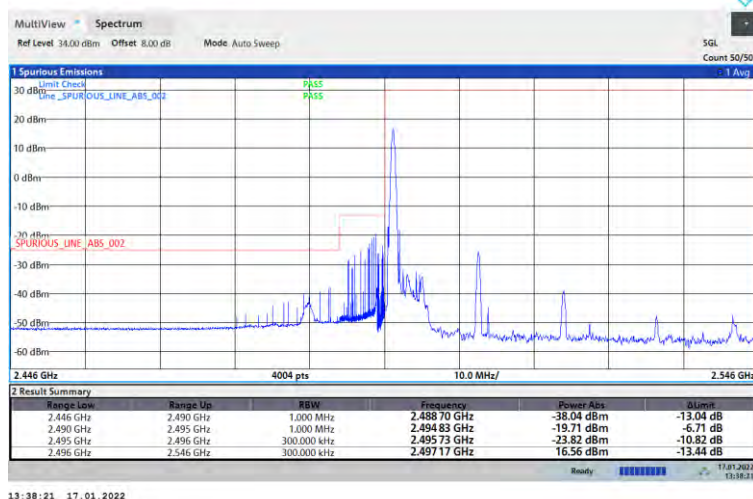
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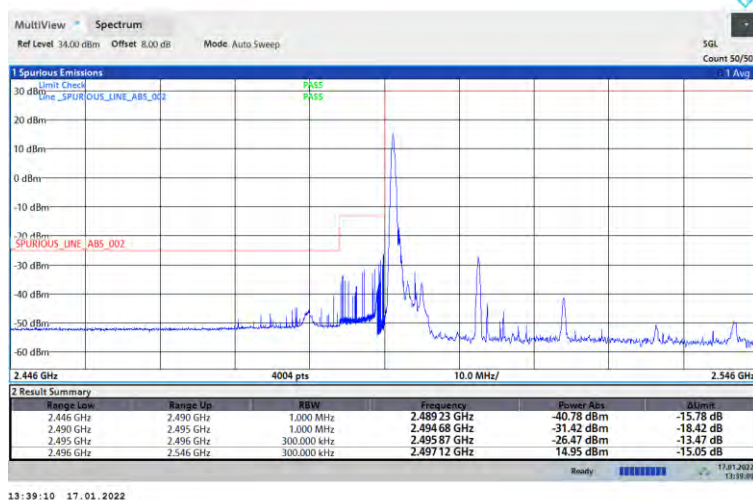
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### 41-41-5MHz-20MHz-64QAM-64QAM-39683-39800-1RB#0-0RB#0



### 41-41-5MHz-20MHz-256QAM-256QAM-39683-39800-1RB#0-0RB#0



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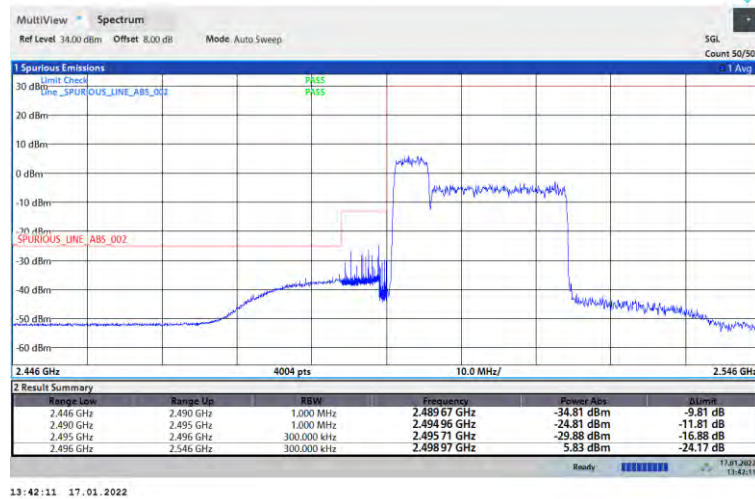
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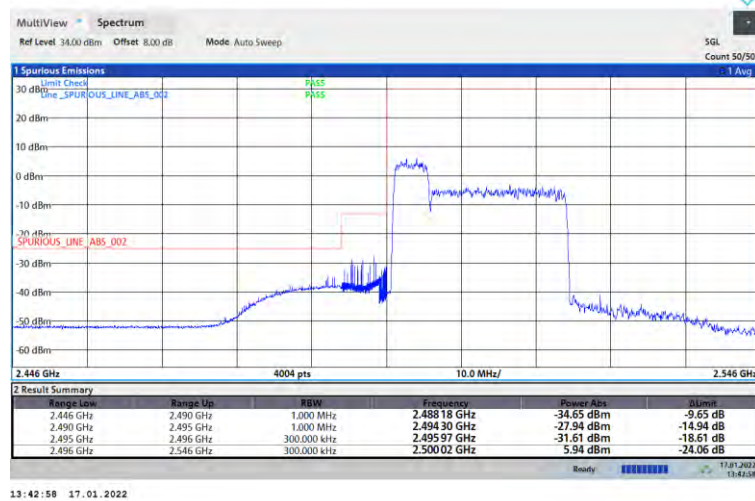
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### 41-41-5MHz-20MHz-QPSK-QPSK-39683-39800-25RB#0-100RB#0



### 41-41-5MHz-20MHz-16QAM-16QAM -39683-39800-25RB#0-100RB#0



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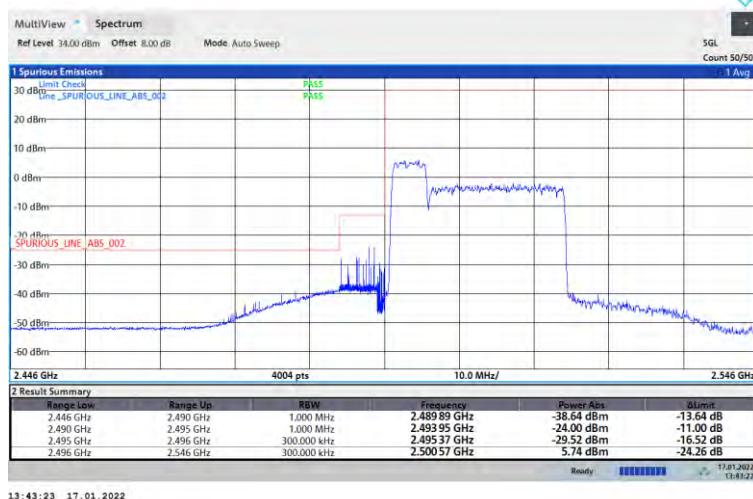
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### 41-41-5MHz-20MHz-64QAM-64QAM -39683-39800-25RB#0-100RB#0



### 41-41-5MHz-20MHz-256QAM-256QAM -39683-39800-25RB#0-100RB#0



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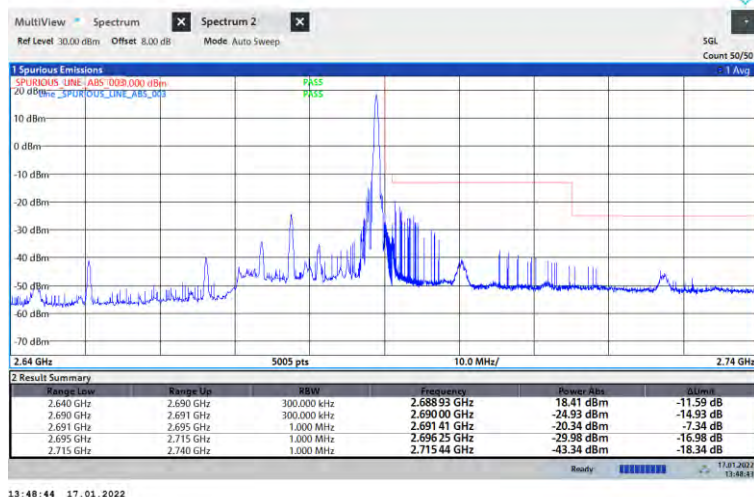
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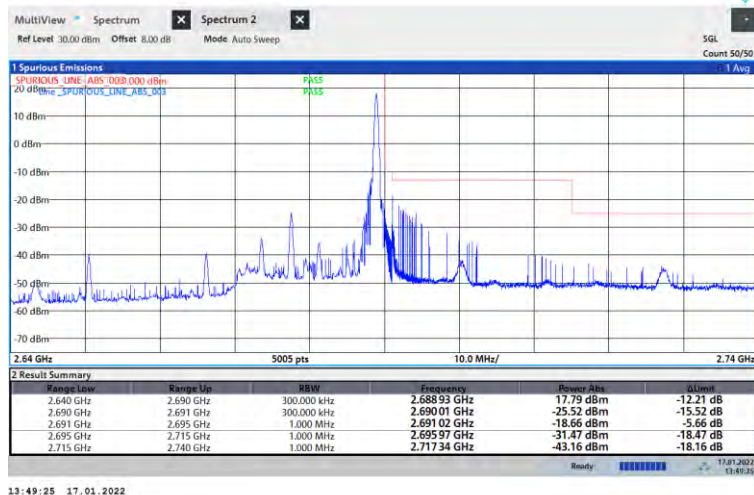
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### 41-41-5MHz-20MHz-QPSK-QPSK-41373-41490-0RB#0-1RB#99



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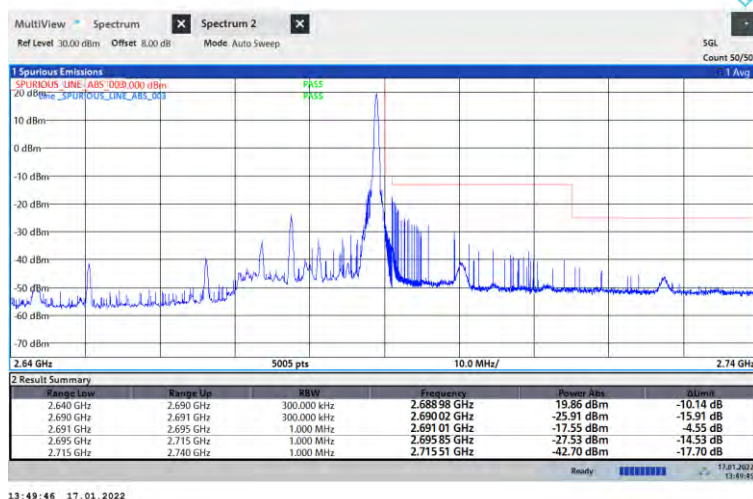
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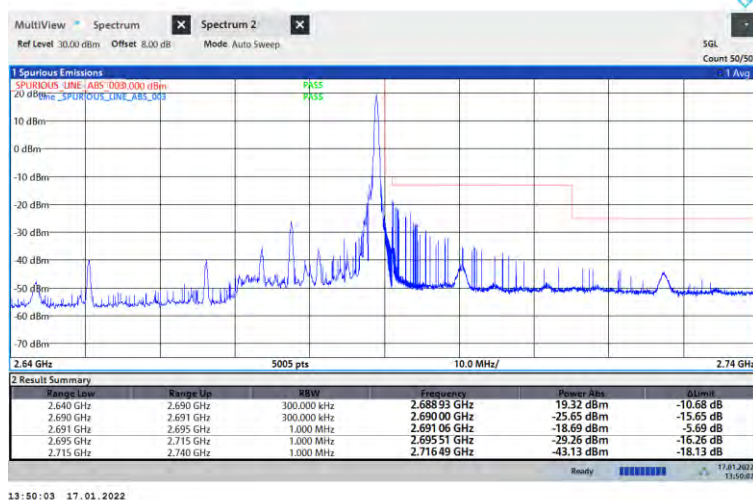
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## 41-41-5MHz-20MHz-64QAM-64QAM -41373-41490-0RB#0-1RB#99



## 41-41-5MHz-20MHz-256QAM-256QAM -41373-41490-0RB#0-1RB#99



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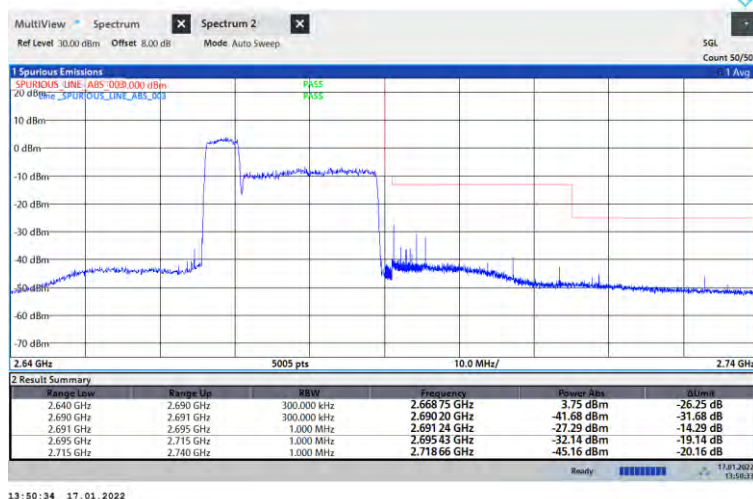
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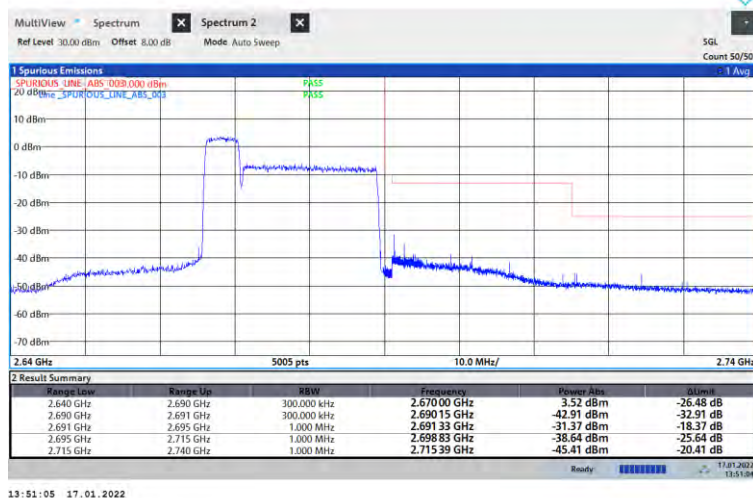
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### 41-41-5MHz-20MHz- QPSK-QPSK-41373-41490-25RB#0-100RB#0



### 41-41-5MHz-20MHz- 16QAM-16QAM -41373-41490-25RB#0-100RB#0



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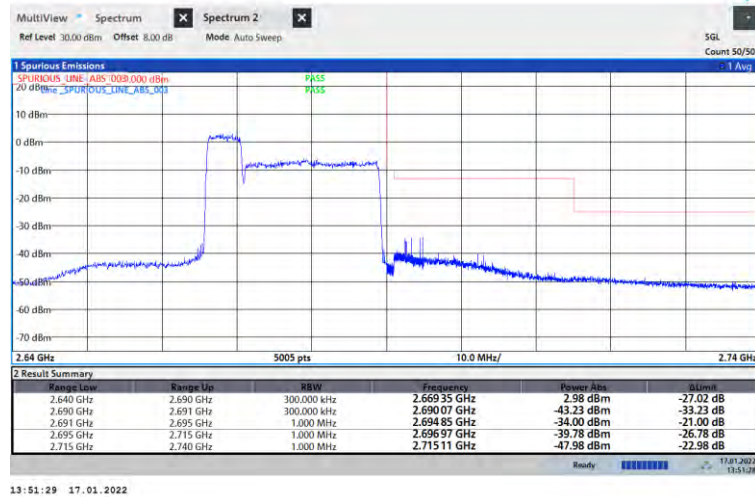
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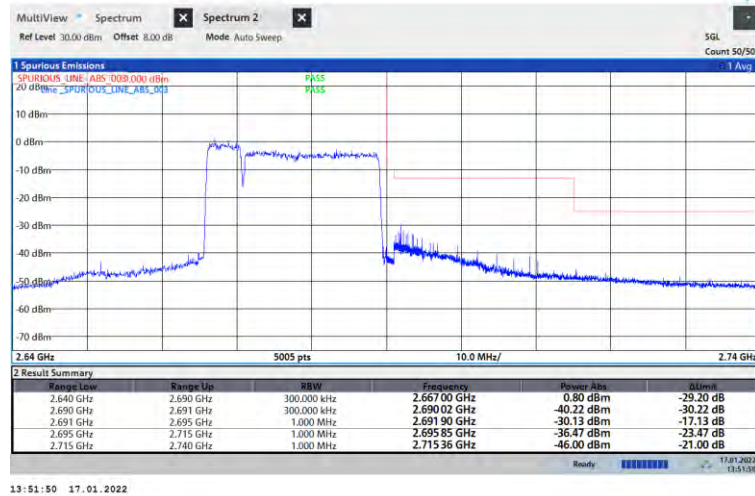
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### 41-41-5MHz-20MHz- 64QAM-64QAM -41373-41490-25RB#0-100RB#0



### 41-41-5MHz-20MHz- 256QAM-256QAM -41373-41490-25RB#0-100RB#0



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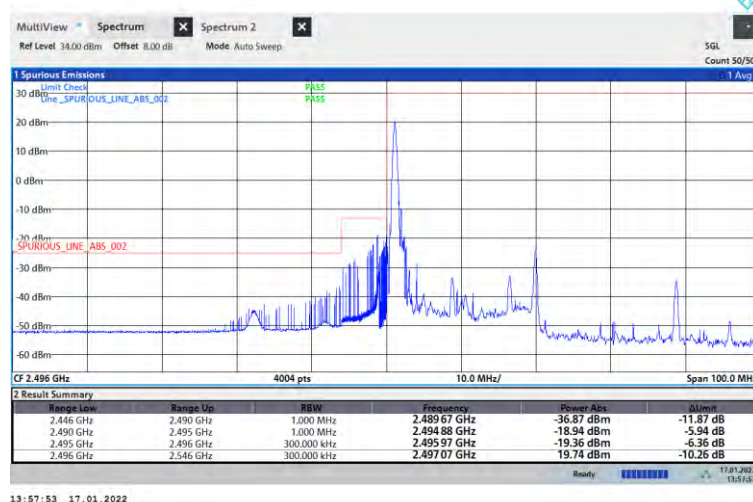
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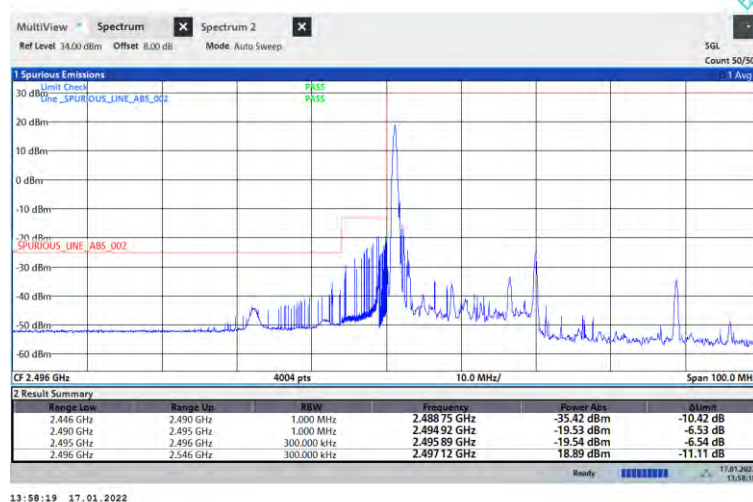
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### 41-41-20MHz-20MHz-QPSK-QPSK-3750-39948-1RB#0-0RB#0



### 41-41-20MHz-20MHz -16QAM-16QAM-3750-39948-1RB#0-0RB#0



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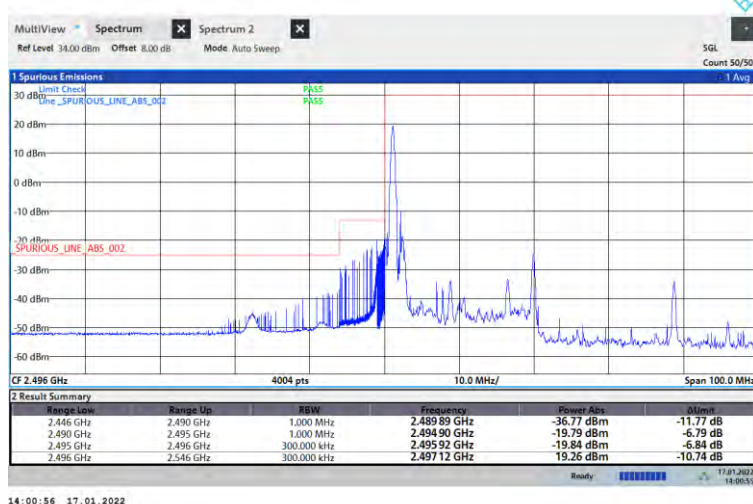
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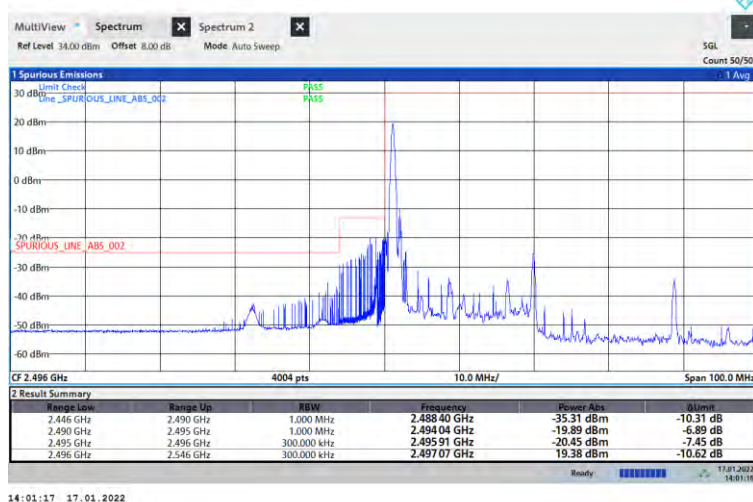
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### 41-41-20MHz-20MHz -64QAM-64QAM -3750-39948-1RB#0-0RB#0



### 41-41-20MHz-20MHz 256QAM-256QAM -3750-39948-1RB#0-0RB#0



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### 41-41-20MHz-20MHz -QPSK-QPSK-3750-39948-100RB#0-100RB#0



### 41-41-20MHz-20MHz -16QAM-16QAM -3750-39948-100RB#0-100RB#0



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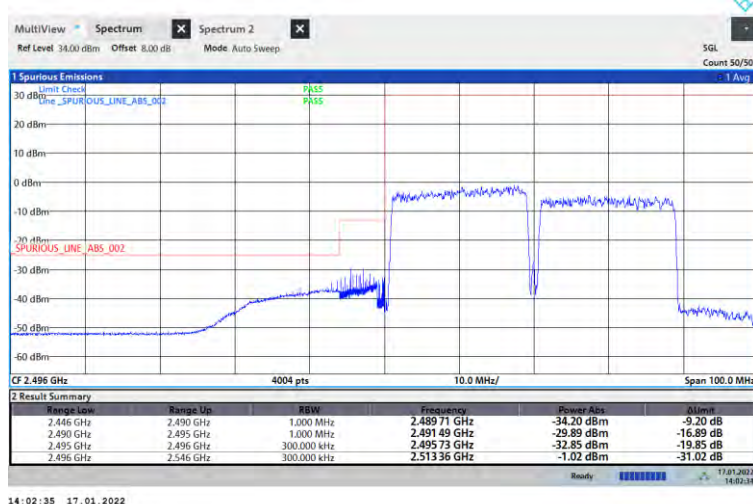
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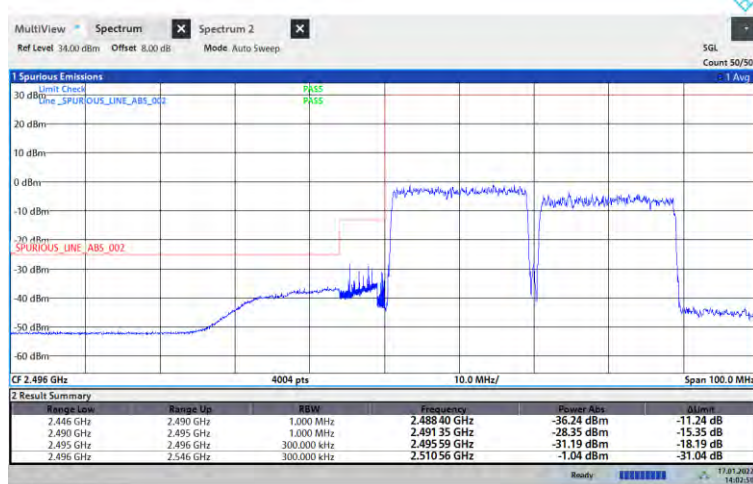
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## 41-41-20MHz-20MHz -64QAM-64QAM-3750-39948-100RB#0-100RB#0



14:02:35 17.01.2022

## 41-41-20MHz-20MHz -256QAM-256QAM-3750-39948-100RB#0-100RB#0



14:02:51 17.01.2022



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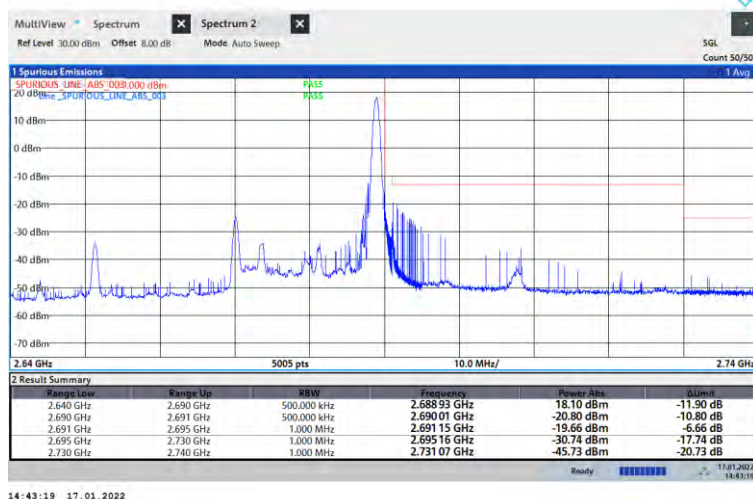
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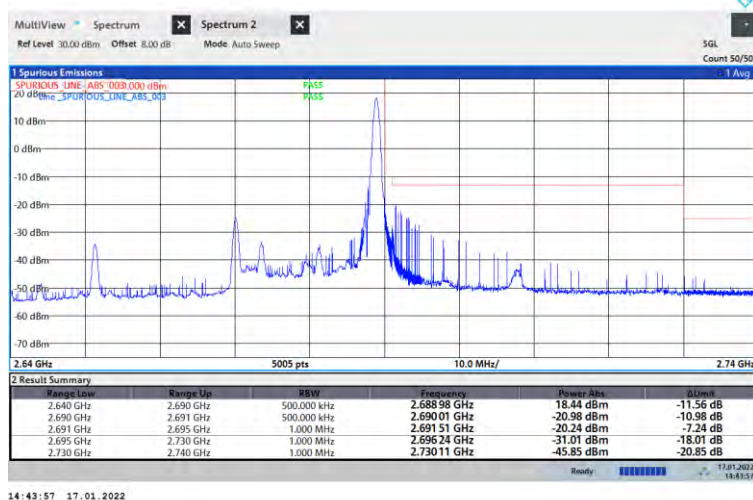
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## 41-41-20MHz-20MHz -QPSK-QPSK-41292-41490-0RB#0-1RB#99



## 41-41-20MHz-20MHz -16QAM-16QAM-41292-41490-0RB#0-1RB#99



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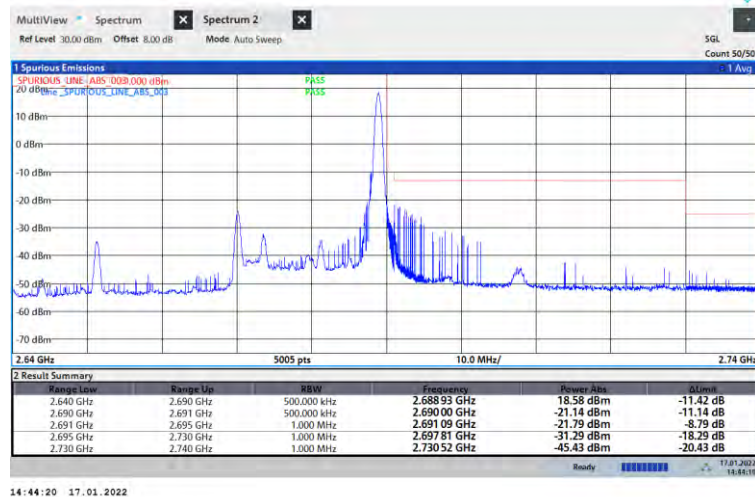
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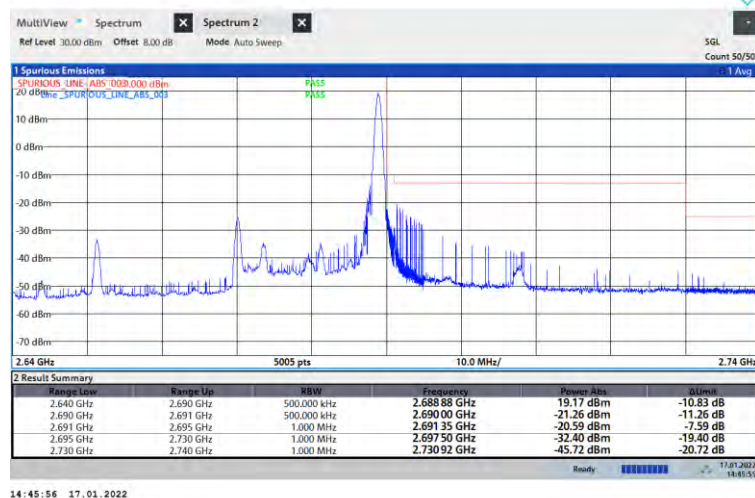
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## 41-41-20MHz-20MHz -64QAM-64QAM -41292-41490-0RB#0-1RB#99



## 41-41-20MHz-20MHz -256QAM-256QAM -41292-41490-0RB#0-1RB#99



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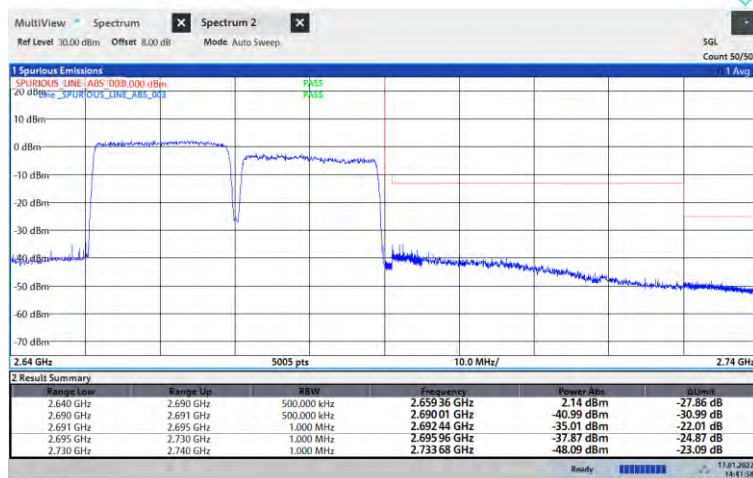
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### 41-41-20MHz-20MHz - QPSK-QPSK -41292-41490-100RB#0-100RB#0



14:37:14 17.01.2022

### 41-41-20MHz-20MHz - 16QAM-16QAM -41292-41490-100RB#0-100RB#0



14:41:59 17.01.2022



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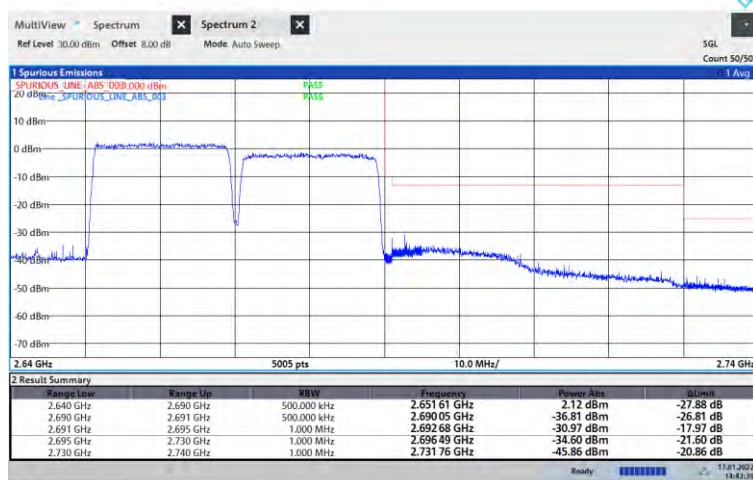
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## 41-41-20MHz-20MHz -64QAM-64QAM -41292-41490-100RB#0-100RB#0



14:42:19 17.01.2022

## 41-41-20MHz-20MHz -256QAM-256QAM -41292-41490-100RB#0-100RB#0



14:42:40 17.01.2022



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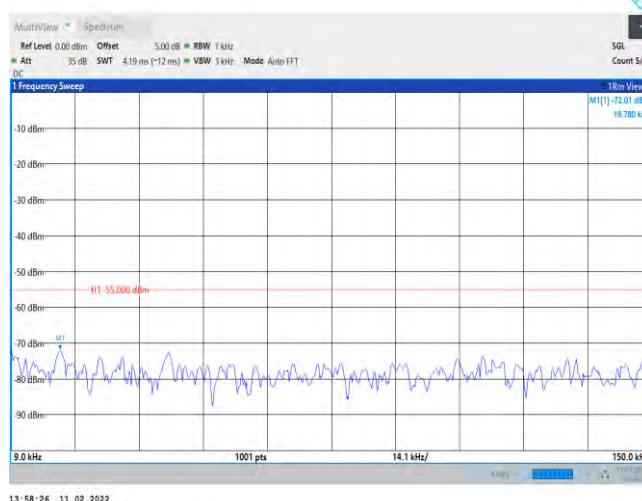
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### Conducted Spurious Emission

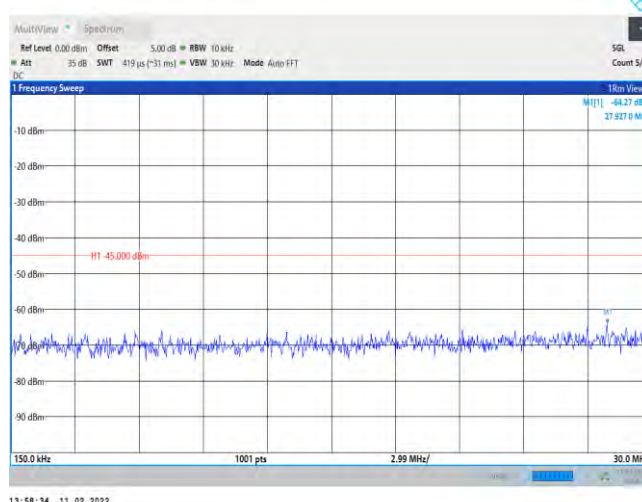
#### Test Graphs

41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-1RB#0-0RB#0-0.009~0.15MHz



13:58:26 11.02.2022

41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-1RB#0-0RB#0-0.15~30MHz



13:58:34 11.02.2022



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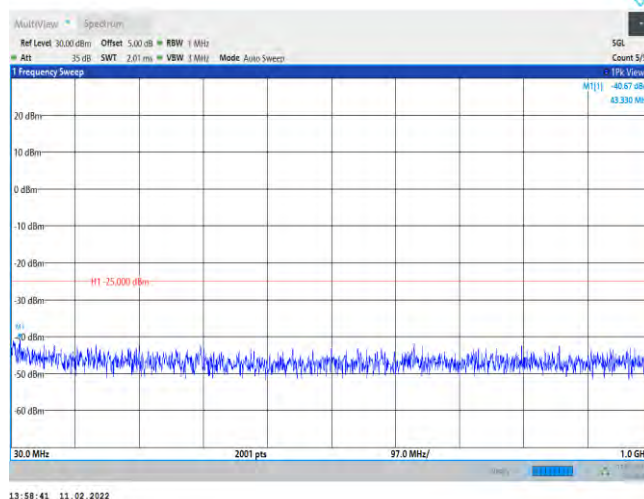
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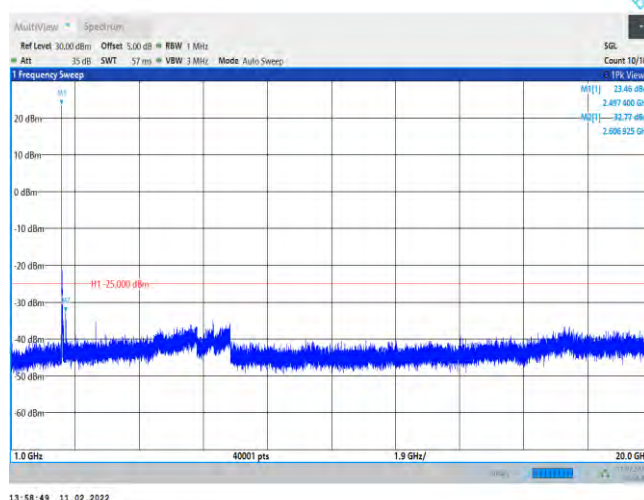
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### 41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-1RB#0-0RB#0-30~1000MHz



### 41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-1RB#0-0RB#0-1000~20000MHz



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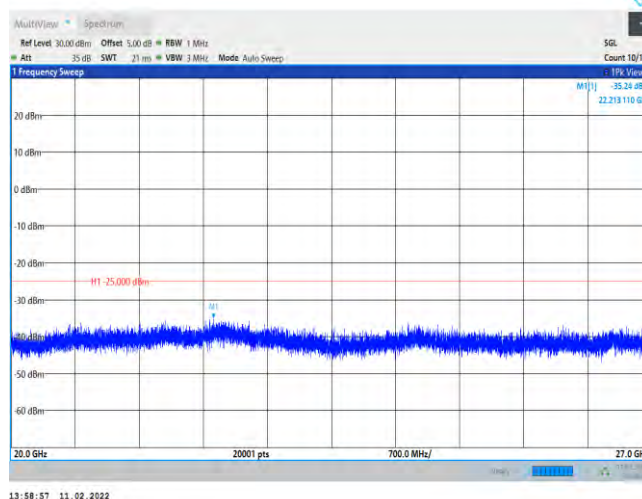
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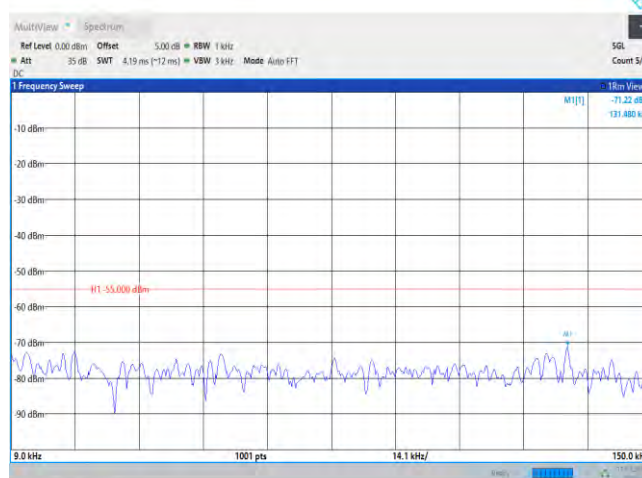
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### 41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-1RB#0-0RB#0-20000~27000MHz



13:58:57 11.02.2022

### 41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-1RB#0-0RB#0-0.009~0.15MHz



14:02:54 11.02.2022



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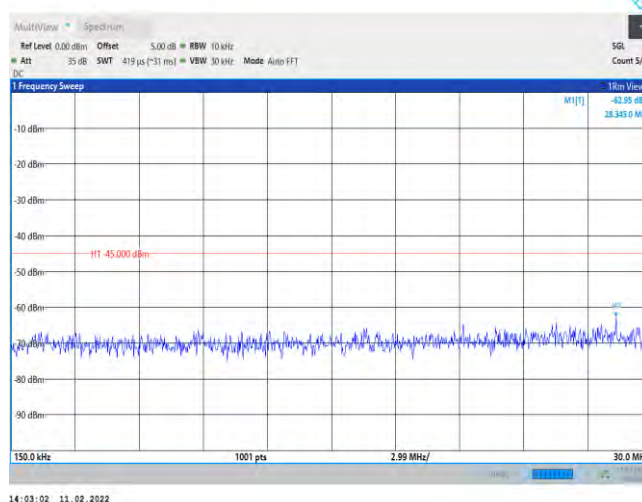
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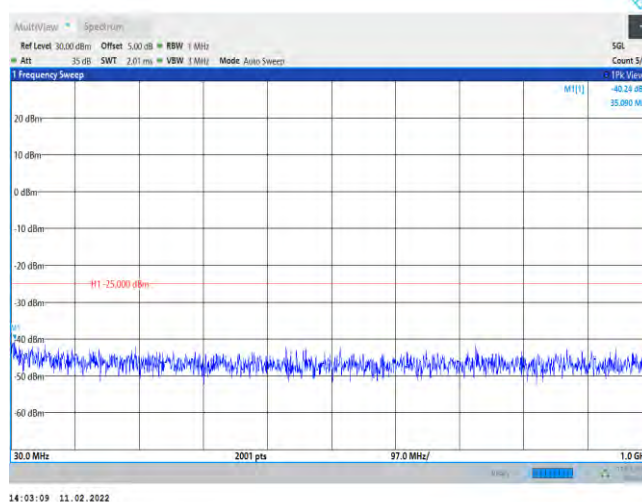
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### 41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-1RB#0-0RB#0-0.15~30MHz



### 41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-1RB#0-0RB#0-30~1000MHz



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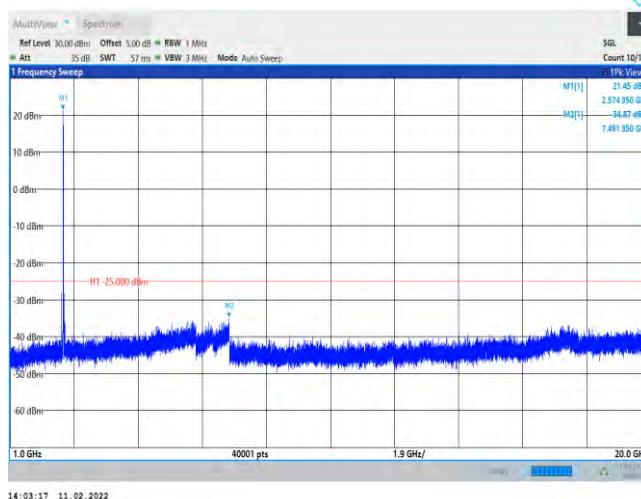
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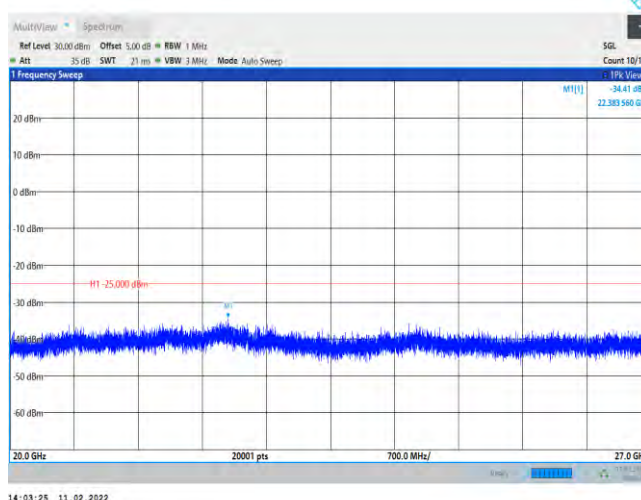
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### 41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-1RB#0-0RB#0-1000~20000MHz



### 41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-1RB#0-0RB#0-20000~27000MHz



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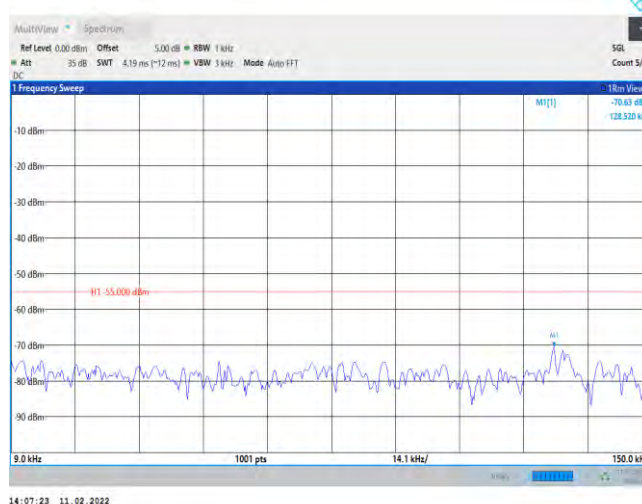
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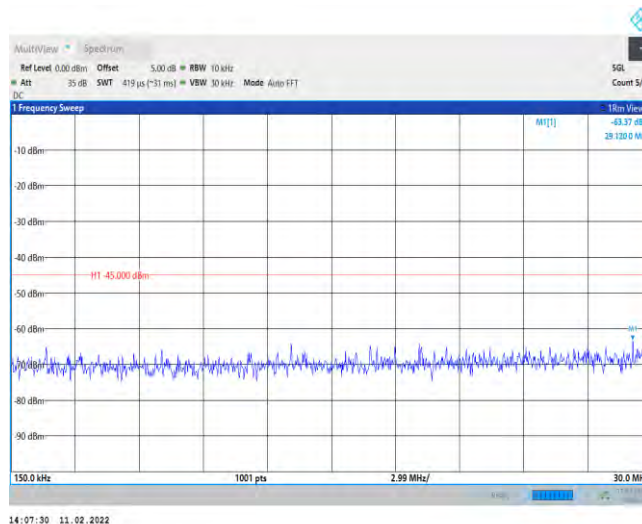
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### 41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-1RB#0-0RB#0-0.009~0.15MHz



### 41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-1RB#0-0RB#0-0.15~30MHz



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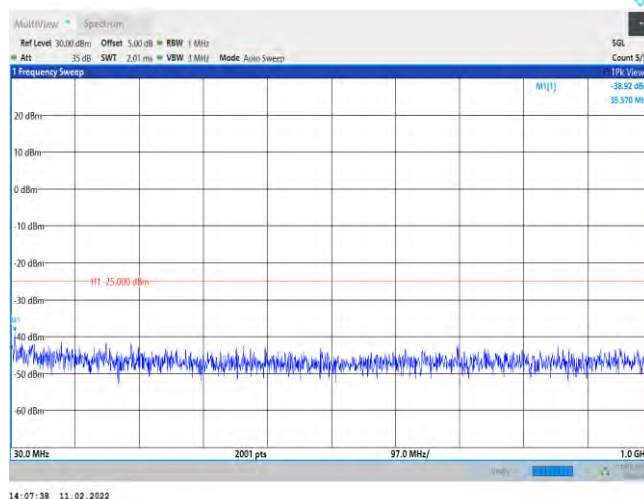
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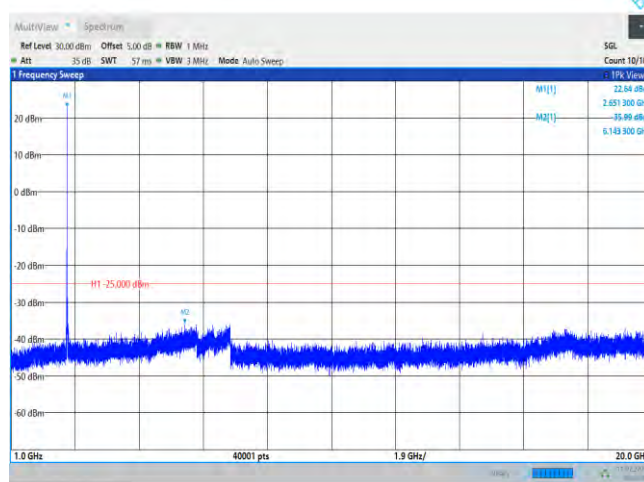
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### 41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-1RB#0-0RB#0-30~1000MHz



14:07:38 11.02.2022

### 41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-1RB#0-0RB#0-1000~20000MHz



14:07:46 11.02.2022



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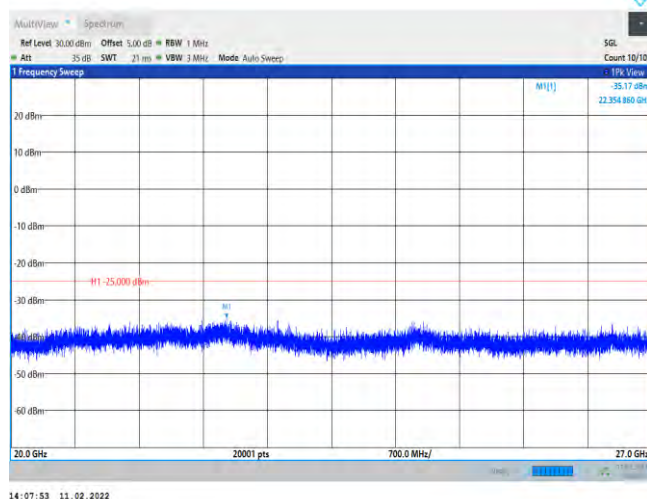
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41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-1RB#0-0RB#0-20000~27000MHz



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## Field Strength of Spurious Radiation

Test Band = Band41\_CA TM1

Test Channel = Low Channel

| Final Data List |                    |                   |                |                |                |                |                |              |            |
|-----------------|--------------------|-------------------|----------------|----------------|----------------|----------------|----------------|--------------|------------|
| NO.             | Frequency<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
| 1               | 4994.18            | 62.39             | -108.03        | -45.64         | -25.00         | 20.64          | 163            | 356          | Horizontal |
| 2               | 7491.27            | 50.07             | -101.98        | -51.91         | -25.00         | 26.91          | 256            | 99           | Horizontal |
| 3               | 9988.36            | 48.16             | -96.04         | -47.88         | -25.00         | 22.88          | 296            | 356          | Horizontal |
| 4               | 12485.25           | 53.02             | -93.14         | -40.12         | -25.00         | 15.12          | 184            | 333          | Horizontal |
| 5               | 14982.54           | 43.06             | -90.64         | -47.58         | -25.00         | 22.58          | 130            | 211          | Horizontal |
| 6               | 17479.63           | 42.33             | -91.23         | -48.90         | -25.00         | 23.90          | 244            | 222          | Horizontal |

| Final Data List |                    |                   |                |                |                |                |                |              |          |
|-----------------|--------------------|-------------------|----------------|----------------|----------------|----------------|----------------|--------------|----------|
| NO.             | Frequency<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
| 1               | 4994.18            | 66.73             | -108.03        | -41.30         | -25.00         | 16.30          | 185            | 98           | Vertical |
| 2               | 7491.27            | 58.45             | -101.98        | -43.53         | -25.00         | 18.53          | 146            | 265          | Vertical |
| 3               | 9988.36            | 53.98             | -96.04         | -42.06         | -25.00         | 17.06          | 230            | 345          | Vertical |
| 4               | 12485.25           | 57.92             | -93.14         | -35.22         | -25.00         | 10.22          | 281            | 333          | Vertical |
| 5               | 14982.54           | 43.22             | -90.64         | -47.42         | -25.00         | 22.42          | 192            | 188          | Vertical |
| 6               | 17479.63           | 43.36             | -91.23         | -47.87         | -25.00         | 22.87          | 201            | 172          | Vertical |



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Test Band = Band41\_CA TM1

Test Channel = Mid Channel

| Final Data List |                 |                |             |             |             |             |             |           |            |
|-----------------|-----------------|----------------|-------------|-------------|-------------|-------------|-------------|-----------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1               | 3784.5          | 51.85          | -110.84     | -58.99      | -25.00      | 33.99       | 255         | 320       | Horizontal |
| 2               | 5148.38         | 60.78          | -107.62     | -46.84      | -25.00      | 21.84       | 123         | 344       | Horizontal |
| 3               | 7722.57         | 56.64          | -101.57     | -44.93      | -25.00      | 19.93       | 185         | 333       | Horizontal |
| 4               | 10296.76        | 44.95          | -95.53      | -50.58      | -25.00      | 25.58       | 147         | 75        | Horizontal |
| 5               | 12870.95        | 45.44          | -92.59      | -47.15      | -25.00      | 22.15       | 192         | 75        | Horizontal |
| 6               | 15445.14        | 44.32          | -90.96      | -46.64      | -25.00      | 21.64       | 105         | 308       | Horizontal |

| Final Data List |                 |                |             |             |             |             |             |           |          |
|-----------------|-----------------|----------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1               | 4062.75         | 53.18          | -110.23     | -57.05      | -25.00      | 32.05       | 291         | 273       | Vertical |
| 2               | 5148.38         | 67.15          | -107.62     | -40.47      | -25.00      | 15.47       | 185         | 346       | Vertical |
| 3               | 7722.57         | 57.32          | -101.57     | -44.25      | -25.00      | 19.25       | 125         | 36        | Vertical |
| 4               | 10296.76        | 46.07          | -95.53      | -49.46      | -25.00      | 24.46       | 148         | 36        | Vertical |
| 5               | 12870.75        | 54.02          | -92.59      | -38.57      | -25.00      | 13.57       | 199         | 346       | Vertical |
| 6               | 15445.14        | 42.98          | -90.96      | -47.98      | -25.00      | 22.98       | 108         | 209       | Vertical |



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Test Band = Band41\_CA TM1

Test Channel = High Channel

| Final Data List |                 |                |             |             |             |             |             |           |            |
|-----------------|-----------------|----------------|-------------|-------------|-------------|-------------|-------------|-----------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1               | 3807            | 53.55          | -110.86     | -57.31      | -25.00      | 32.31       | 196         | 138       | Horizontal |
| 2               | 5302.5          | 61.87          | -107.46     | -45.59      | -25.00      | 20.59       | 236         | 346       | Horizontal |
| 3               | 7953.87         | 50.23          | -100.87     | -50.64      | -25.00      | 25.64       | 214         | 148       | Horizontal |
| 4               | 10605.16        | 44.94          | -94.63      | -49.69      | -25.00      | 24.69       | 258         | 123       | Horizontal |
| 5               | 13256.45        | 44.61          | -92.29      | -47.68      | -25.00      | 22.68       | 269         | 112       | Horizontal |
| 6               | 15907.74        | 43.63          | -91.59      | -47.96      | -25.00      | 22.96       | 247         | 309       | Horizontal |

| Final Data List |                 |                |             |             |             |             |             |           |          |
|-----------------|-----------------|----------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1               | 4531.5          | 54.55          | -109.32     | -54.77      | -25.00      | 29.77       | 189         | 162       | Vertical |
| 2               | 5302.58         | 65.96          | -107.46     | -41.50      | -25.00      | 16.50       | 287         | 88        | Vertical |
| 3               | 7953.87         | 50.38          | -100.87     | -50.49      | -25.00      | 25.49       | 265         | 113       | Vertical |
| 4               | 10605.16        | 51.23          | -94.63      | -43.40      | -25.00      | 18.40       | 145         | 62        | Vertical |
| 5               | 13256.45        | 47.10          | -92.29      | -45.19      | -25.00      | 20.19       | 203         | 345       | Vertical |
| 6               | 15907.74        | 44.10          | -91.59      | -47.49      | -25.00      | 22.49       | 103         | 65        | Vertical |



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## Frequency Stability

### Test Result

| Band  | Bandwidth   | Modulation | Channel     | RB Configure    | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Verdict |
|-------|-------------|------------|-------------|-----------------|---------------|------------------|----------------|-----------------|---------|
| 41-41 | 20MHz-20MHz | QPSK-QPSK  | 39750-39948 | 100RB#0-100RB#0 | VL            | NT               | 4.00           | 0.001596        | PASS    |
| 41-41 | 20MHz-20MHz | QPSK-QPSK  | 39750-39948 | 100RB#0-100RB#0 | VH            | NT               | 0.20           | 0.000080        | PASS    |
| 41-41 | 20MHz-20MHz | QPSK-QPSK  | 39750-39948 | 100RB#0-100RB#0 | VN            | NT               | -2.20          | -0.000878       | PASS    |
| 41-41 | 20MHz-20MHz | QPSK-QPSK  | 40521-40719 | 100RB#0-100RB#0 | VN            | NT               | 6.70           | 0.002594        | PASS    |
| 41-41 | 20MHz-20MHz | QPSK-QPSK  | 40521-40719 | 100RB#0-100RB#0 | VL            | NT               | 3.30           | 0.001278        | PASS    |
| 41-41 | 20MHz-20MHz | QPSK-QPSK  | 40521-40719 | 100RB#0-100RB#0 | VH            | NT               | 4.90           | 0.001897        | PASS    |
| 41-41 | 20MHz-20MHz | QPSK-QPSK  | 41292-41490 | 100RB#0-100RB#0 | VH            | NT               | -1.70          | -0.000639       | PASS    |
| 41-41 | 20MHz-20MHz | QPSK-QPSK  | 41292-41490 | 100RB#0-100RB#0 | VL            | NT               | -1.90          | -0.000714       | PASS    |
| 41-41 | 20MHz-20MHz | QPSK-QPSK  | 41292-41490 | 100RB#0-100RB#0 | VN            | NT               | -4.40          | -0.001654       | PASS    |



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| Band  | Bandwidth   | Modulation | Channel     | RB Configure    | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Verdict |
|-------|-------------|------------|-------------|-----------------|---------------|------------------|----------------|-----------------|---------|
| 41-41 | 20MHz-20MHz | QPSK-QPSK  | 39750-39948 | 100RB#0-100RB#0 | NV            | -30              | 2.80           | 0.001117        | PASS    |
| 41-41 | 20MHz-20MHz | QPSK-QPSK  | 39750-39948 | 100RB#0-100RB#0 | NV            | -20              | 3.10           | 0.001237        | PASS    |
| 41-41 | 20MHz-20MHz | QPSK-QPSK  | 39750-39948 | 100RB#0-100RB#0 | NV            | -10              | 3.00           | 0.001197        | PASS    |
| 41-41 | 20MHz-20MHz | QPSK-QPSK  | 39750-39948 | 100RB#0-100RB#0 | NV            | 0                | 3.90           | 0.001556        | PASS    |
| 41-41 | 20MHz-20MHz | QPSK-QPSK  | 39750-39948 | 100RB#0-100RB#0 | NV            | 10               | 5.50           | 0.002195        | PASS    |
| 41-41 | 20MHz-20MHz | QPSK-QPSK  | 39750-39948 | 100RB#0-100RB#0 | NV            | 20               | 5.10           | 0.002035        | PASS    |
| 41-41 | 20MHz-20MHz | QPSK-QPSK  | 39750-39948 | 100RB#0-100RB#0 | NV            | 30               | 6.80           | 0.002713        | PASS    |
| 41-41 | 20MHz-20MHz | QPSK-QPSK  | 39750-39948 | 100RB#0-100RB#0 | NV            | 40               | -0.60          | -0.000232       | PASS    |
| 41-41 | 20MHz-20MHz | QPSK-QPSK  | 39750-39948 | 100RB#0-100RB#0 | NV            | 50               | 0.20           | 0.000080        | PASS    |
| 41-41 | 20MHz-20MHz | QPSK-QPSK  | 39750-39948 | 100RB#0-100RB#0 | NV            | -50              | -2.00          | -0.000798       | PASS    |
| 41-41 | 20MHz-20MHz | QPSK-QPSK  | 40521-40719 | 100RB#0-100RB#0 | NV            | 30               | -0.20          | -0.000077       | PASS    |
| 41-41 | 20MHz-20MHz | QPSK-QPSK  | 40521-40719 | 100RB#0-100RB#0 | NV            | -50              | 6.30           | 0.002439        | PASS    |
| 41-41 | 20MHz-20MHz | QPSK-QPSK  | 40521-40719 | 100RB#0-100RB#0 | NV            | -30              | -3.90          | -0.001510       | PASS    |
| 41-41 | 20MHz-20MHz | QPSK-QPSK  | 40521-40719 | 100RB#0-100RB#0 | NV            | -20              | 5.60           | 0.002168        | PASS    |
| 41-41 | 20MHz-20MHz | QPSK-QPSK  | 40521-40719 | 100RB#0-100RB#0 | NV            | -10              | 1.70           | 0.000658        | PASS    |
| 41-41 | 20MHz-20MHz | QPSK-QPSK  | 40521-40719 | 100RB#0-100RB#0 | NV            | 0                | -0.60          | -0.000232       | PASS    |
| 41-41 | 20MHz-20MHz | QPSK-QPSK  | 40521-40719 | 100RB#0-100RB#0 | NV            | 20               | 1.10           | 0.000426        | PASS    |
| 41-41 | 20MHz-20MHz | QPSK-QPSK  | 40521-40719 | 100RB#0-100RB#0 | NV            | 10               | -1.70          | -0.000658       | PASS    |



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|       |             |           |             |                 |    |     |       |           |      |
|-------|-------------|-----------|-------------|-----------------|----|-----|-------|-----------|------|
|       | 20MHz       |           |             | 100RB#0         |    |     |       |           |      |
| 41-41 | 20MHz-20MHz | QPSK-QPSK | 41292-41490 | 100RB#0-100RB#0 | NV | -20 | 1.20  | 0.000451  | PASS |
| 41-41 | 20MHz-20MHz | QPSK-QPSK | 41292-41490 | 100RB#0-100RB#0 | NV | 20  | 10.90 | 0.004097  | PASS |
| 41-41 | 20MHz-20MHz | QPSK-QPSK | 41292-41490 | 100RB#0-100RB#0 | NV | -50 | -0.40 | -0.000150 | PASS |
| 41-41 | 20MHz-20MHz | QPSK-QPSK | 41292-41490 | 100RB#0-100RB#0 | NV | -30 | 1.30  | 0.000489  | PASS |
| 41-41 | 20MHz-20MHz | QPSK-QPSK | 41292-41490 | 100RB#0-100RB#0 | NV | 10  | -1.90 | -0.000714 | PASS |
| 41-41 | 20MHz-20MHz | QPSK-QPSK | 41292-41490 | 100RB#0-100RB#0 | NV | 30  | 4.70  | 0.001767  | PASS |
| 41-41 | 20MHz-20MHz | QPSK-QPSK | 41292-41490 | 100RB#0-100RB#0 | NV | 0   | -3.30 | -0.001241 | PASS |
| 41-41 | 20MHz-20MHz | QPSK-QPSK | 41292-41490 | 100RB#0-100RB#0 | NV | -10 | 1.50  | 0.000564  | PASS |

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