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Rev.: 01

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# Appendix B.5

## LTE Band 25



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## Effective (Isotropic) Radiated Power Output Data

### Test Result

#### Ant3:

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result (dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|--------|-----------|------------|---------|------------------|--------------|------------|-------------|---------|
| Band25 | 1.4MHz    | QPSK       | 26047   | 1RB#0            | 23.21        | 24.36      | 33          | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26047   | 1RB#2            | 23.17        | 24.32      | 33          | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26047   | 1RB#5            | 23.22        | 24.37      | 33          | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26047   | 6RB#0            | 22.27        | 23.42      | 33          | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26365   | 1RB#0            | 23.09        | 24.24      | 33          | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26365   | 1RB#2            | 23.19        | 24.34      | 33          | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26365   | 1RB#5            | 23.18        | 24.33      | 33          | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26365   | 6RB#0            | 22.25        | 23.4       | 33          | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26683   | 1RB#0            | 22.92        | 24.07      | 33          | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26683   | 1RB#2            | 22.96        | 24.11      | 33          | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26683   | 1RB#5            | 22.89        | 24.04      | 33          | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26683   | 6RB#0            | 21.91        | 23.06      | 33          | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26047   | 1RB#0            | 22.35        | 23.5       | 33          | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26047   | 1RB#2            | 22.46        | 23.61      | 33          | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26047   | 1RB#5            | 22.27        | 23.42      | 33          | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26047   | 6RB#0            | 21.29        | 22.44      | 33          | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26365   | 1RB#0            | 22.21        | 23.36      | 33          | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26365   | 1RB#2            | 22.28        | 23.43      | 33          | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26365   | 1RB#5            | 22.34        | 23.49      | 33          | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26365   | 6RB#0            | 21.24        | 22.39      | 33          | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26683   | 1RB#0            | 22.00        | 23.15      | 33          | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26683   | 1RB#2            | 22.15        | 23.3       | 33          | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26683   | 1RB#5            | 21.96        | 23.11      | 33          | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26683   | 6RB#0            | 20.99        | 22.14      | 33          | PASS    |
| Band25 | 1.4MHz    | 64QAM      | 26047   | 1RB#0            | 21.62        | 22.77      | 33          | PASS    |
| Band25 | 1.4MHz    | 64QAM      | 26047   | 1RB#2            | 21.35        | 22.5       | 33          | PASS    |
| Band25 | 1.4MHz    | 64QAM      | 26047   | 1RB#5            | 21.30        | 22.45      | 33          | PASS    |



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|        |        |        |       |        |       |       |    |      |
|--------|--------|--------|-------|--------|-------|-------|----|------|
| Band25 | 1.4MHz | 64QAM  | 26047 | 6RB#0  | 20.28 | 21.43 | 33 | PASS |
| Band25 | 1.4MHz | 64QAM  | 26365 | 1RB#0  | 21.34 | 22.49 | 33 | PASS |
| Band25 | 1.4MHz | 64QAM  | 26365 | 1RB#2  | 21.74 | 22.89 | 33 | PASS |
| Band25 | 1.4MHz | 64QAM  | 26365 | 1RB#5  | 21.42 | 22.57 | 33 | PASS |
| Band25 | 1.4MHz | 64QAM  | 26365 | 6RB#0  | 20.26 | 21.41 | 33 | PASS |
| Band25 | 1.4MHz | 64QAM  | 26683 | 1RB#0  | 21.16 | 22.31 | 33 | PASS |
| Band25 | 1.4MHz | 64QAM  | 26683 | 1RB#2  | 21.24 | 22.39 | 33 | PASS |
| Band25 | 1.4MHz | 64QAM  | 26683 | 1RB#5  | 21.05 | 22.2  | 33 | PASS |
| Band25 | 1.4MHz | 64QAM  | 26683 | 6RB#0  | 20.02 | 21.17 | 33 | PASS |
| Band25 | 1.4MHz | 256QAM | 26047 | 1RB#0  | 18.44 | 19.59 | 33 | PASS |
| Band25 | 1.4MHz | 256QAM | 26047 | 1RB#2  | 18.36 | 19.51 | 33 | PASS |
| Band25 | 1.4MHz | 256QAM | 26047 | 1RB#5  | 18.34 | 19.49 | 33 | PASS |
| Band25 | 1.4MHz | 256QAM | 26047 | 6RB#0  | 18.28 | 19.43 | 33 | PASS |
| Band25 | 1.4MHz | 256QAM | 26365 | 1RB#0  | 18.30 | 19.45 | 33 | PASS |
| Band25 | 1.4MHz | 256QAM | 26365 | 1RB#2  | 18.37 | 19.52 | 33 | PASS |
| Band25 | 1.4MHz | 256QAM | 26365 | 1RB#5  | 18.31 | 19.46 | 33 | PASS |
| Band25 | 1.4MHz | 256QAM | 26365 | 6RB#0  | 18.18 | 19.33 | 33 | PASS |
| Band25 | 1.4MHz | 256QAM | 26683 | 1RB#0  | 18.06 | 19.21 | 33 | PASS |
| Band25 | 1.4MHz | 256QAM | 26683 | 1RB#2  | 18.10 | 19.25 | 33 | PASS |
| Band25 | 1.4MHz | 256QAM | 26683 | 1RB#5  | 18.08 | 19.23 | 33 | PASS |
| Band25 | 1.4MHz | 256QAM | 26683 | 6RB#0  | 18.01 | 19.16 | 33 | PASS |
| Band25 | 3MHz   | QPSK   | 26055 | 1RB#0  | 23.22 | 24.37 | 33 | PASS |
| Band25 | 3MHz   | QPSK   | 26055 | 1RB#8  | 23.20 | 24.35 | 33 | PASS |
| Band25 | 3MHz   | QPSK   | 26055 | 1RB#14 | 23.13 | 24.28 | 33 | PASS |
| Band25 | 3MHz   | QPSK   | 26055 | 15RB#0 | 22.19 | 23.34 | 33 | PASS |
| Band25 | 3MHz   | QPSK   | 26365 | 1RB#0  | 23.13 | 24.28 | 33 | PASS |
| Band25 | 3MHz   | QPSK   | 26365 | 1RB#8  | 23.20 | 24.35 | 33 | PASS |
| Band25 | 3MHz   | QPSK   | 26365 | 1RB#14 | 23.12 | 24.27 | 33 | PASS |
| Band25 | 3MHz   | QPSK   | 26365 | 15RB#0 | 22.30 | 23.45 | 33 | PASS |
| Band25 | 3MHz   | QPSK   | 26675 | 1RB#0  | 22.87 | 24.02 | 33 | PASS |
| Band25 | 3MHz   | QPSK   | 26675 | 1RB#8  | 23.00 | 24.15 | 33 | PASS |
| Band25 | 3MHz   | QPSK   | 26675 | 1RB#14 | 22.88 | 24.03 | 33 | PASS |



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|--------|------|--------|-------|--------|-------|-------|----|------|
| Band25 | 3MHz | QPSK   | 26675 | 15RB#0 | 21.92 | 23.07 | 33 | PASS |
| Band25 | 3MHz | 16QAM  | 26055 | 1RB#0  | 22.21 | 23.36 | 33 | PASS |
| Band25 | 3MHz | 16QAM  | 26055 | 1RB#8  | 22.38 | 23.53 | 33 | PASS |
| Band25 | 3MHz | 16QAM  | 26055 | 1RB#14 | 22.23 | 23.38 | 33 | PASS |
| Band25 | 3MHz | 16QAM  | 26055 | 15RB#0 | 21.30 | 22.45 | 33 | PASS |
| Band25 | 3MHz | 16QAM  | 26365 | 1RB#0  | 22.30 | 23.45 | 33 | PASS |
| Band25 | 3MHz | 16QAM  | 26365 | 1RB#8  | 22.33 | 23.48 | 33 | PASS |
| Band25 | 3MHz | 16QAM  | 26365 | 1RB#14 | 22.24 | 23.39 | 33 | PASS |
| Band25 | 3MHz | 16QAM  | 26365 | 15RB#0 | 21.30 | 22.45 | 33 | PASS |
| Band25 | 3MHz | 16QAM  | 26675 | 1RB#0  | 21.99 | 23.14 | 33 | PASS |
| Band25 | 3MHz | 16QAM  | 26675 | 1RB#8  | 22.06 | 23.21 | 33 | PASS |
| Band25 | 3MHz | 16QAM  | 26675 | 1RB#14 | 22.05 | 23.2  | 33 | PASS |
| Band25 | 3MHz | 16QAM  | 26675 | 15RB#0 | 20.96 | 22.11 | 33 | PASS |
| Band25 | 3MHz | 64QAM  | 26055 | 1RB#0  | 21.53 | 22.68 | 33 | PASS |
| Band25 | 3MHz | 64QAM  | 26055 | 1RB#8  | 21.47 | 22.62 | 33 | PASS |
| Band25 | 3MHz | 64QAM  | 26055 | 1RB#14 | 21.25 | 22.4  | 33 | PASS |
| Band25 | 3MHz | 64QAM  | 26055 | 15RB#0 | 20.26 | 21.41 | 33 | PASS |
| Band25 | 3MHz | 64QAM  | 26365 | 1RB#0  | 21.41 | 22.56 | 33 | PASS |
| Band25 | 3MHz | 64QAM  | 26365 | 1RB#8  | 21.41 | 22.56 | 33 | PASS |
| Band25 | 3MHz | 64QAM  | 26365 | 1RB#14 | 21.22 | 22.37 | 33 | PASS |
| Band25 | 3MHz | 64QAM  | 26365 | 15RB#0 | 20.30 | 21.45 | 33 | PASS |
| Band25 | 3MHz | 64QAM  | 26675 | 1RB#0  | 21.02 | 22.17 | 33 | PASS |
| Band25 | 3MHz | 64QAM  | 26675 | 1RB#8  | 21.19 | 22.34 | 33 | PASS |
| Band25 | 3MHz | 64QAM  | 26675 | 1RB#14 | 21.18 | 22.33 | 33 | PASS |
| Band25 | 3MHz | 64QAM  | 26675 | 15RB#0 | 20.00 | 21.15 | 33 | PASS |
| Band25 | 3MHz | 256QAM | 26055 | 1RB#0  | 18.42 | 19.57 | 33 | PASS |
| Band25 | 3MHz | 256QAM | 26055 | 1RB#8  | 18.28 | 19.43 | 33 | PASS |
| Band25 | 3MHz | 256QAM | 26055 | 1RB#14 | 18.22 | 19.37 | 33 | PASS |
| Band25 | 3MHz | 256QAM | 26055 | 15RB#0 | 18.21 | 19.36 | 33 | PASS |
| Band25 | 3MHz | 256QAM | 26365 | 1RB#0  | 18.36 | 19.51 | 33 | PASS |
| Band25 | 3MHz | 256QAM | 26365 | 1RB#8  | 18.36 | 19.51 | 33 | PASS |
| Band25 | 3MHz | 256QAM | 26365 | 1RB#14 | 18.26 | 19.41 | 33 | PASS |



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|        |      |        |       |        |       |       |    |      |
|--------|------|--------|-------|--------|-------|-------|----|------|
| Band25 | 3MHz | 256QAM | 26365 | 15RB#0 | 18.25 | 19.4  | 33 | PASS |
| Band25 | 3MHz | 256QAM | 26675 | 1RB#0  | 18.07 | 19.22 | 33 | PASS |
| Band25 | 3MHz | 256QAM | 26675 | 1RB#8  | 18.13 | 19.28 | 33 | PASS |
| Band25 | 3MHz | 256QAM | 26675 | 1RB#14 | 18.06 | 19.21 | 33 | PASS |
| Band25 | 3MHz | 256QAM | 26675 | 15RB#0 | 17.98 | 19.13 | 33 | PASS |
| Band25 | 5MHz | QPSK   | 26065 | 1RB#0  | 23.29 | 24.44 | 33 | PASS |
| Band25 | 5MHz | QPSK   | 26065 | 1RB#12 | 23.24 | 24.39 | 33 | PASS |
| Band25 | 5MHz | QPSK   | 26065 | 1RB#24 | 23.20 | 24.35 | 33 | PASS |
| Band25 | 5MHz | QPSK   | 26065 | 25RB#0 | 22.19 | 23.34 | 33 | PASS |
| Band25 | 5MHz | QPSK   | 26365 | 1RB#0  | 23.24 | 24.39 | 33 | PASS |
| Band25 | 5MHz | QPSK   | 26365 | 1RB#12 | 23.25 | 24.4  | 33 | PASS |
| Band25 | 5MHz | QPSK   | 26365 | 1RB#24 | 23.12 | 24.27 | 33 | PASS |
| Band25 | 5MHz | QPSK   | 26365 | 25RB#0 | 22.29 | 23.44 | 33 | PASS |
| Band25 | 5MHz | QPSK   | 26665 | 1RB#0  | 22.99 | 24.14 | 33 | PASS |
| Band25 | 5MHz | QPSK   | 26665 | 1RB#12 | 22.96 | 24.11 | 33 | PASS |
| Band25 | 5MHz | QPSK   | 26665 | 1RB#24 | 22.93 | 24.08 | 33 | PASS |
| Band25 | 5MHz | QPSK   | 26665 | 25RB#0 | 21.95 | 23.1  | 33 | PASS |
| Band25 | 5MHz | 16QAM  | 26065 | 1RB#0  | 22.26 | 23.41 | 33 | PASS |
| Band25 | 5MHz | 16QAM  | 26065 | 1RB#12 | 22.47 | 23.62 | 33 | PASS |
| Band25 | 5MHz | 16QAM  | 26065 | 1RB#24 | 22.31 | 23.46 | 33 | PASS |
| Band25 | 5MHz | 16QAM  | 26065 | 25RB#0 | 21.22 | 22.37 | 33 | PASS |
| Band25 | 5MHz | 16QAM  | 26365 | 1RB#0  | 22.35 | 23.5  | 33 | PASS |
| Band25 | 5MHz | 16QAM  | 26365 | 1RB#12 | 22.26 | 23.41 | 33 | PASS |
| Band25 | 5MHz | 16QAM  | 26365 | 1RB#24 | 22.26 | 23.41 | 33 | PASS |
| Band25 | 5MHz | 16QAM  | 26365 | 25RB#0 | 21.32 | 22.47 | 33 | PASS |
| Band25 | 5MHz | 16QAM  | 26665 | 1RB#0  | 22.01 | 23.16 | 33 | PASS |
| Band25 | 5MHz | 16QAM  | 26665 | 1RB#12 | 22.05 | 23.2  | 33 | PASS |
| Band25 | 5MHz | 16QAM  | 26665 | 1RB#24 | 21.98 | 23.13 | 33 | PASS |
| Band25 | 5MHz | 16QAM  | 26665 | 25RB#0 | 20.93 | 22.08 | 33 | PASS |
| Band25 | 5MHz | 64QAM  | 26065 | 1RB#0  | 21.40 | 22.55 | 33 | PASS |
| Band25 | 5MHz | 64QAM  | 26065 | 1RB#12 | 21.45 | 22.6  | 33 | PASS |
| Band25 | 5MHz | 64QAM  | 26065 | 1RB#24 | 21.51 | 22.66 | 33 | PASS |



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|        |       |        |       |        |       |       |    |      |
|--------|-------|--------|-------|--------|-------|-------|----|------|
| Band25 | 5MHz  | 64QAM  | 26065 | 25RB#0 | 20.25 | 21.4  | 33 | PASS |
| Band25 | 5MHz  | 64QAM  | 26365 | 1RB#0  | 21.33 | 22.48 | 33 | PASS |
| Band25 | 5MHz  | 64QAM  | 26365 | 1RB#12 | 21.42 | 22.57 | 33 | PASS |
| Band25 | 5MHz  | 64QAM  | 26365 | 1RB#24 | 21.26 | 22.41 | 33 | PASS |
| Band25 | 5MHz  | 64QAM  | 26365 | 25RB#0 | 20.24 | 21.39 | 33 | PASS |
| Band25 | 5MHz  | 64QAM  | 26665 | 1RB#0  | 21.16 | 22.31 | 33 | PASS |
| Band25 | 5MHz  | 64QAM  | 26665 | 1RB#12 | 21.05 | 22.2  | 33 | PASS |
| Band25 | 5MHz  | 64QAM  | 26665 | 1RB#24 | 21.12 | 22.27 | 33 | PASS |
| Band25 | 5MHz  | 64QAM  | 26665 | 25RB#0 | 20.06 | 21.21 | 33 | PASS |
| Band25 | 5MHz  | 256QAM | 26065 | 1RB#0  | 18.41 | 19.56 | 33 | PASS |
| Band25 | 5MHz  | 256QAM | 26065 | 1RB#12 | 18.34 | 19.49 | 33 | PASS |
| Band25 | 5MHz  | 256QAM | 26065 | 1RB#24 | 18.11 | 19.26 | 33 | PASS |
| Band25 | 5MHz  | 256QAM | 26065 | 25RB#0 | 18.17 | 19.32 | 33 | PASS |
| Band25 | 5MHz  | 256QAM | 26365 | 1RB#0  | 18.44 | 19.59 | 33 | PASS |
| Band25 | 5MHz  | 256QAM | 26365 | 1RB#12 | 18.41 | 19.56 | 33 | PASS |
| Band25 | 5MHz  | 256QAM | 26365 | 1RB#24 | 18.20 | 19.35 | 33 | PASS |
| Band25 | 5MHz  | 256QAM | 26365 | 25RB#0 | 18.29 | 19.44 | 33 | PASS |
| Band25 | 5MHz  | 256QAM | 26665 | 1RB#0  | 17.86 | 19.01 | 33 | PASS |
| Band25 | 5MHz  | 256QAM | 26665 | 1RB#12 | 17.97 | 19.12 | 33 | PASS |
| Band25 | 5MHz  | 256QAM | 26665 | 1RB#24 | 17.94 | 19.09 | 33 | PASS |
| Band25 | 5MHz  | 256QAM | 26665 | 25RB#0 | 18.03 | 19.18 | 33 | PASS |
| Band25 | 10MHz | QPSK   | 26090 | 1RB#0  | 23.10 | 24.25 | 33 | PASS |
| Band25 | 10MHz | QPSK   | 26090 | 1RB#24 | 23.24 | 24.39 | 33 | PASS |
| Band25 | 10MHz | QPSK   | 26090 | 1RB#49 | 23.23 | 24.38 | 33 | PASS |
| Band25 | 10MHz | QPSK   | 26090 | 50RB#0 | 22.16 | 23.31 | 33 | PASS |
| Band25 | 10MHz | QPSK   | 26365 | 1RB#0  | 23.15 | 24.3  | 33 | PASS |
| Band25 | 10MHz | QPSK   | 26365 | 1RB#24 | 23.16 | 24.31 | 33 | PASS |
| Band25 | 10MHz | QPSK   | 26365 | 1RB#49 | 23.16 | 24.31 | 33 | PASS |
| Band25 | 10MHz | QPSK   | 26365 | 50RB#0 | 22.33 | 23.48 | 33 | PASS |
| Band25 | 10MHz | QPSK   | 26640 | 1RB#0  | 23.01 | 24.16 | 33 | PASS |
| Band25 | 10MHz | QPSK   | 26640 | 1RB#24 | 22.96 | 24.11 | 33 | PASS |
| Band25 | 10MHz | QPSK   | 26640 | 1RB#49 | 22.96 | 24.11 | 33 | PASS |



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| Band25 | 10MHz | QPSK   | 26640 | 50RB#0 | 22.05 | 23.2  | 33 | PASS |
| Band25 | 10MHz | 16QAM  | 26090 | 1RB#0  | 22.26 | 23.41 | 33 | PASS |
| Band25 | 10MHz | 16QAM  | 26090 | 1RB#24 | 22.27 | 23.42 | 33 | PASS |
| Band25 | 10MHz | 16QAM  | 26090 | 1RB#49 | 22.24 | 23.39 | 33 | PASS |
| Band25 | 10MHz | 16QAM  | 26090 | 50RB#0 | 21.18 | 22.33 | 33 | PASS |
| Band25 | 10MHz | 16QAM  | 26365 | 1RB#0  | 22.35 | 23.5  | 33 | PASS |
| Band25 | 10MHz | 16QAM  | 26365 | 1RB#24 | 22.30 | 23.45 | 33 | PASS |
| Band25 | 10MHz | 16QAM  | 26365 | 1RB#49 | 22.29 | 23.44 | 33 | PASS |
| Band25 | 10MHz | 16QAM  | 26365 | 50RB#0 | 21.28 | 22.43 | 33 | PASS |
| Band25 | 10MHz | 16QAM  | 26640 | 1RB#0  | 22.03 | 23.18 | 33 | PASS |
| Band25 | 10MHz | 16QAM  | 26640 | 1RB#24 | 22.06 | 23.21 | 33 | PASS |
| Band25 | 10MHz | 16QAM  | 26640 | 1RB#49 | 22.14 | 23.29 | 33 | PASS |
| Band25 | 10MHz | 16QAM  | 26640 | 50RB#0 | 21.04 | 22.19 | 33 | PASS |
| Band25 | 10MHz | 64QAM  | 26090 | 1RB#0  | 21.39 | 22.54 | 33 | PASS |
| Band25 | 10MHz | 64QAM  | 26090 | 1RB#24 | 21.31 | 22.46 | 33 | PASS |
| Band25 | 10MHz | 64QAM  | 26090 | 1RB#49 | 21.33 | 22.48 | 33 | PASS |
| Band25 | 10MHz | 64QAM  | 26090 | 50RB#0 | 20.13 | 21.28 | 33 | PASS |
| Band25 | 10MHz | 64QAM  | 26365 | 1RB#0  | 21.31 | 22.46 | 33 | PASS |
| Band25 | 10MHz | 64QAM  | 26365 | 1RB#24 | 21.44 | 22.59 | 33 | PASS |
| Band25 | 10MHz | 64QAM  | 26365 | 1RB#49 | 21.30 | 22.45 | 33 | PASS |
| Band25 | 10MHz | 64QAM  | 26365 | 50RB#0 | 20.33 | 21.48 | 33 | PASS |
| Band25 | 10MHz | 64QAM  | 26640 | 1RB#0  | 21.09 | 22.24 | 33 | PASS |
| Band25 | 10MHz | 64QAM  | 26640 | 1RB#24 | 21.07 | 22.22 | 33 | PASS |
| Band25 | 10MHz | 64QAM  | 26640 | 1RB#49 | 21.22 | 22.37 | 33 | PASS |
| Band25 | 10MHz | 64QAM  | 26640 | 50RB#0 | 20.04 | 21.19 | 33 | PASS |
| Band25 | 10MHz | 256QAM | 26090 | 1RB#0  | 18.30 | 19.45 | 33 | PASS |
| Band25 | 10MHz | 256QAM | 26090 | 1RB#24 | 18.38 | 19.53 | 33 | PASS |
| Band25 | 10MHz | 256QAM | 26090 | 1RB#49 | 18.10 | 19.25 | 33 | PASS |
| Band25 | 10MHz | 256QAM | 26090 | 50RB#0 | 18.07 | 19.22 | 33 | PASS |
| Band25 | 10MHz | 256QAM | 26365 | 1RB#0  | 18.32 | 19.47 | 33 | PASS |
| Band25 | 10MHz | 256QAM | 26365 | 1RB#24 | 18.26 | 19.41 | 33 | PASS |
| Band25 | 10MHz | 256QAM | 26365 | 1RB#49 | 18.13 | 19.28 | 33 | PASS |



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|--------|-------|--------|-------|--------|-------|-------|----|------|
| Band25 | 10MHz | 256QAM | 26365 | 50RB#0 | 18.19 | 19.34 | 33 | PASS |
| Band25 | 10MHz | 256QAM | 26640 | 1RB#0  | 18.17 | 19.32 | 33 | PASS |
| Band25 | 10MHz | 256QAM | 26640 | 1RB#24 | 18.19 | 19.34 | 33 | PASS |
| Band25 | 10MHz | 256QAM | 26640 | 1RB#49 | 18.07 | 19.22 | 33 | PASS |
| Band25 | 10MHz | 256QAM | 26640 | 50RB#0 | 18.09 | 19.24 | 33 | PASS |
| Band25 | 15MHz | QPSK   | 26115 | 1RB#0  | 23.40 | 24.55 | 33 | PASS |
| Band25 | 15MHz | QPSK   | 26115 | 1RB#38 | 23.09 | 24.24 | 33 | PASS |
| Band25 | 15MHz | QPSK   | 26115 | 1RB#74 | 23.08 | 24.23 | 33 | PASS |
| Band25 | 15MHz | QPSK   | 26115 | 75RB#0 | 22.19 | 23.34 | 33 | PASS |
| Band25 | 15MHz | QPSK   | 26365 | 1RB#0  | 23.34 | 24.49 | 33 | PASS |
| Band25 | 15MHz | QPSK   | 26365 | 1RB#38 | 23.11 | 24.26 | 33 | PASS |
| Band25 | 15MHz | QPSK   | 26365 | 1RB#74 | 23.21 | 24.36 | 33 | PASS |
| Band25 | 15MHz | QPSK   | 26365 | 75RB#0 | 22.13 | 23.28 | 33 | PASS |
| Band25 | 15MHz | QPSK   | 26615 | 1RB#0  | 23.16 | 24.31 | 33 | PASS |
| Band25 | 15MHz | QPSK   | 26615 | 1RB#38 | 22.91 | 24.06 | 33 | PASS |
| Band25 | 15MHz | QPSK   | 26615 | 1RB#74 | 23.08 | 24.23 | 33 | PASS |
| Band25 | 15MHz | QPSK   | 26615 | 75RB#0 | 22.00 | 23.15 | 33 | PASS |
| Band25 | 15MHz | 16QAM  | 26115 | 1RB#0  | 22.28 | 23.43 | 33 | PASS |
| Band25 | 15MHz | 16QAM  | 26115 | 1RB#38 | 22.16 | 23.31 | 33 | PASS |
| Band25 | 15MHz | 16QAM  | 26115 | 1RB#74 | 22.20 | 23.35 | 33 | PASS |
| Band25 | 15MHz | 16QAM  | 26115 | 75RB#0 | 21.21 | 22.36 | 33 | PASS |
| Band25 | 15MHz | 16QAM  | 26365 | 1RB#0  | 22.32 | 23.47 | 33 | PASS |
| Band25 | 15MHz | 16QAM  | 26365 | 1RB#38 | 22.19 | 23.34 | 33 | PASS |
| Band25 | 15MHz | 16QAM  | 26365 | 1RB#74 | 22.08 | 23.23 | 33 | PASS |
| Band25 | 15MHz | 16QAM  | 26365 | 75RB#0 | 21.13 | 22.28 | 33 | PASS |
| Band25 | 15MHz | 16QAM  | 26615 | 1RB#0  | 22.12 | 23.27 | 33 | PASS |
| Band25 | 15MHz | 16QAM  | 26615 | 1RB#38 | 21.97 | 23.12 | 33 | PASS |
| Band25 | 15MHz | 16QAM  | 26615 | 1RB#74 | 21.90 | 23.05 | 33 | PASS |
| Band25 | 15MHz | 16QAM  | 26615 | 75RB#0 | 20.99 | 22.14 | 33 | PASS |
| Band25 | 15MHz | 64QAM  | 26115 | 1RB#0  | 21.24 | 22.39 | 33 | PASS |
| Band25 | 15MHz | 64QAM  | 26115 | 1RB#38 | 21.31 | 22.46 | 33 | PASS |
| Band25 | 15MHz | 64QAM  | 26115 | 1RB#74 | 21.27 | 22.42 | 33 | PASS |



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| Band25 | 15MHz | 64QAM  | 26115 | 75RB#0  | 20.21 | 21.36 | 33 | PASS |
| Band25 | 15MHz | 64QAM  | 26365 | 1RB#0   | 21.54 | 22.69 | 33 | PASS |
| Band25 | 15MHz | 64QAM  | 26365 | 1RB#38  | 21.20 | 22.35 | 33 | PASS |
| Band25 | 15MHz | 64QAM  | 26365 | 1RB#74  | 21.13 | 22.28 | 33 | PASS |
| Band25 | 15MHz | 64QAM  | 26365 | 75RB#0  | 20.15 | 21.3  | 33 | PASS |
| Band25 | 15MHz | 64QAM  | 26615 | 1RB#0   | 21.19 | 22.34 | 33 | PASS |
| Band25 | 15MHz | 64QAM  | 26615 | 1RB#38  | 21.08 | 22.23 | 33 | PASS |
| Band25 | 15MHz | 64QAM  | 26615 | 1RB#74  | 20.90 | 22.05 | 33 | PASS |
| Band25 | 15MHz | 64QAM  | 26615 | 75RB#0  | 20.08 | 21.23 | 33 | PASS |
| Band25 | 15MHz | 256QAM | 26115 | 1RB#0   | 18.24 | 19.39 | 33 | PASS |
| Band25 | 15MHz | 256QAM | 26115 | 1RB#38  | 18.21 | 19.36 | 33 | PASS |
| Band25 | 15MHz | 256QAM | 26115 | 1RB#74  | 18.22 | 19.37 | 33 | PASS |
| Band25 | 15MHz | 256QAM | 26115 | 75RB#0  | 18.22 | 19.37 | 33 | PASS |
| Band25 | 15MHz | 256QAM | 26365 | 1RB#0   | 18.32 | 19.47 | 33 | PASS |
| Band25 | 15MHz | 256QAM | 26365 | 1RB#38  | 18.28 | 19.43 | 33 | PASS |
| Band25 | 15MHz | 256QAM | 26365 | 1RB#74  | 18.32 | 19.47 | 33 | PASS |
| Band25 | 15MHz | 256QAM | 26365 | 75RB#0  | 18.14 | 19.29 | 33 | PASS |
| Band25 | 15MHz | 256QAM | 26615 | 1RB#0   | 18.08 | 19.23 | 33 | PASS |
| Band25 | 15MHz | 256QAM | 26615 | 1RB#38  | 18.06 | 19.21 | 33 | PASS |
| Band25 | 15MHz | 256QAM | 26615 | 1RB#74  | 18.06 | 19.21 | 33 | PASS |
| Band25 | 15MHz | 256QAM | 26615 | 75RB#0  | 18.10 | 19.25 | 33 | PASS |
| Band25 | 20MHz | QPSK   | 26140 | 1RB#0   | 23.50 | 24.65 | 33 | PASS |
| Band25 | 20MHz | QPSK   | 26140 | 1RB#49  | 23.08 | 24.23 | 33 | PASS |
| Band25 | 20MHz | QPSK   | 26140 | 1RB#99  | 23.35 | 24.5  | 33 | PASS |
| Band25 | 20MHz | QPSK   | 26140 | 100RB#0 | 22.22 | 23.37 | 33 | PASS |
| Band25 | 20MHz | QPSK   | 26365 | 1RB#0   | 23.37 | 24.52 | 33 | PASS |
| Band25 | 20MHz | QPSK   | 26365 | 1RB#49  | 23.08 | 24.23 | 33 | PASS |
| Band25 | 20MHz | QPSK   | 26365 | 1RB#99  | 22.86 | 24.01 | 33 | PASS |
| Band25 | 20MHz | QPSK   | 26365 | 100RB#0 | 22.13 | 23.28 | 33 | PASS |
| Band25 | 20MHz | QPSK   | 26590 | 1RB#0   | 22.94 | 24.09 | 33 | PASS |
| Band25 | 20MHz | QPSK   | 26590 | 1RB#49  | 23.00 | 24.15 | 33 | PASS |
| Band25 | 20MHz | QPSK   | 26590 | 1RB#99  | 22.88 | 24.03 | 33 | PASS |



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| Band25 | 20MHz | QPSK   | 26590 | 100RB#0 | 22.04 | 23.19 | 33 | PASS |
| Band25 | 20MHz | 16QAM  | 26140 | 1RB#0   | 22.27 | 23.42 | 33 | PASS |
| Band25 | 20MHz | 16QAM  | 26140 | 1RB#49  | 22.12 | 23.27 | 33 | PASS |
| Band25 | 20MHz | 16QAM  | 26140 | 1RB#99  | 22.19 | 23.34 | 33 | PASS |
| Band25 | 20MHz | 16QAM  | 26140 | 100RB#0 | 21.21 | 22.36 | 33 | PASS |
| Band25 | 20MHz | 16QAM  | 26365 | 1RB#0   | 22.33 | 23.48 | 33 | PASS |
| Band25 | 20MHz | 16QAM  | 26365 | 1RB#49  | 22.28 | 23.43 | 33 | PASS |
| Band25 | 20MHz | 16QAM  | 26365 | 1RB#99  | 22.00 | 23.15 | 33 | PASS |
| Band25 | 20MHz | 16QAM  | 26365 | 100RB#0 | 21.07 | 22.22 | 33 | PASS |
| Band25 | 20MHz | 16QAM  | 26590 | 1RB#0   | 22.01 | 23.16 | 33 | PASS |
| Band25 | 20MHz | 16QAM  | 26590 | 1RB#49  | 22.06 | 23.21 | 33 | PASS |
| Band25 | 20MHz | 16QAM  | 26590 | 1RB#99  | 21.96 | 23.11 | 33 | PASS |
| Band25 | 20MHz | 16QAM  | 26590 | 100RB#0 | 20.96 | 22.11 | 33 | PASS |
| Band25 | 20MHz | 64QAM  | 26140 | 1RB#0   | 21.23 | 22.38 | 33 | PASS |
| Band25 | 20MHz | 64QAM  | 26140 | 1RB#49  | 21.21 | 22.36 | 33 | PASS |
| Band25 | 20MHz | 64QAM  | 26140 | 1RB#99  | 21.48 | 22.63 | 33 | PASS |
| Band25 | 20MHz | 64QAM  | 26140 | 100RB#0 | 20.15 | 21.3  | 33 | PASS |
| Band25 | 20MHz | 64QAM  | 26365 | 1RB#0   | 21.33 | 22.48 | 33 | PASS |
| Band25 | 20MHz | 64QAM  | 26365 | 1RB#49  | 21.29 | 22.44 | 33 | PASS |
| Band25 | 20MHz | 64QAM  | 26365 | 1RB#99  | 21.07 | 22.22 | 33 | PASS |
| Band25 | 20MHz | 64QAM  | 26365 | 100RB#0 | 20.09 | 21.24 | 33 | PASS |
| Band25 | 20MHz | 64QAM  | 26590 | 1RB#0   | 21.10 | 22.25 | 33 | PASS |
| Band25 | 20MHz | 64QAM  | 26590 | 1RB#49  | 21.00 | 22.15 | 33 | PASS |
| Band25 | 20MHz | 64QAM  | 26590 | 1RB#99  | 21.02 | 22.17 | 33 | PASS |
| Band25 | 20MHz | 64QAM  | 26590 | 100RB#0 | 20.04 | 21.19 | 33 | PASS |
| Band25 | 20MHz | 256QAM | 26140 | 1RB#0   | 18.23 | 19.38 | 33 | PASS |
| Band25 | 20MHz | 256QAM | 26140 | 1RB#49  | 18.23 | 19.38 | 33 | PASS |
| Band25 | 20MHz | 256QAM | 26140 | 1RB#99  | 18.34 | 19.49 | 33 | PASS |
| Band25 | 20MHz | 256QAM | 26140 | 100RB#0 | 18.19 | 19.34 | 33 | PASS |
| Band25 | 20MHz | 256QAM | 26365 | 1RB#0   | 18.43 | 19.58 | 33 | PASS |
| Band25 | 20MHz | 256QAM | 26365 | 1RB#49  | 18.29 | 19.44 | 33 | PASS |
| Band25 | 20MHz | 256QAM | 26365 | 1RB#99  | 18.19 | 19.34 | 33 | PASS |



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| Band25 | 20MHz | 256QAM | 26365 | 100RB#0 | 18.19 | 19.34 | 33 | PASS |
| Band25 | 20MHz | 256QAM | 26590 | 1RB#0   | 18.18 | 19.33 | 33 | PASS |
| Band25 | 20MHz | 256QAM | 26590 | 1RB#49  | 18.07 | 19.22 | 33 | PASS |
| Band25 | 20MHz | 256QAM | 26590 | 1RB#99  | 18.13 | 19.28 | 33 | PASS |
| Band25 | 20MHz | 256QAM | 26590 | 100RB#0 | 18.16 | 19.31 | 33 | PASS |



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## Peak-to-Average Ratio(CCDF)

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band25 | 20MHz     | QPSK       | 26140   | 100RB#0          | 5.40       | 13        | PASS    |
| Band25 | 20MHz     | QPSK       | 26365   | 100RB#0          | 5.46       | 13        | PASS    |
| Band25 | 20MHz     | QPSK       | 26590   | 100RB#0          | 5.32       | 13        | PASS    |
| Band25 | 20MHz     | 16QAM      | 26140   | 100RB#0          | 6.28       | 13        | PASS    |
| Band25 | 20MHz     | 16QAM      | 26365   | 100RB#0          | 6.22       | 13        | PASS    |
| Band25 | 20MHz     | 16QAM      | 26590   | 100RB#0          | 6.22       | 13        | PASS    |
| Band25 | 20MHz     | 64QAM      | 26140   | 100RB#0          | 6.62       | 13        | PASS    |
| Band25 | 20MHz     | 64QAM      | 26365   | 100RB#0          | 6.56       | 13        | PASS    |
| Band25 | 20MHz     | 64QAM      | 26590   | 100RB#0          | 6.50       | 13        | PASS    |
| Band25 | 20MHz     | 256QAM     | 26140   | 100RB#0          | 6.70       | 13        | PASS    |
| Band25 | 20MHz     | 256QAM     | 26365   | 100RB#0          | 6.68       | 13        | PASS    |
| Band25 | 20MHz     | 256QAM     | 26590   | 100RB#0          | 6.66       | 13        | PASS    |



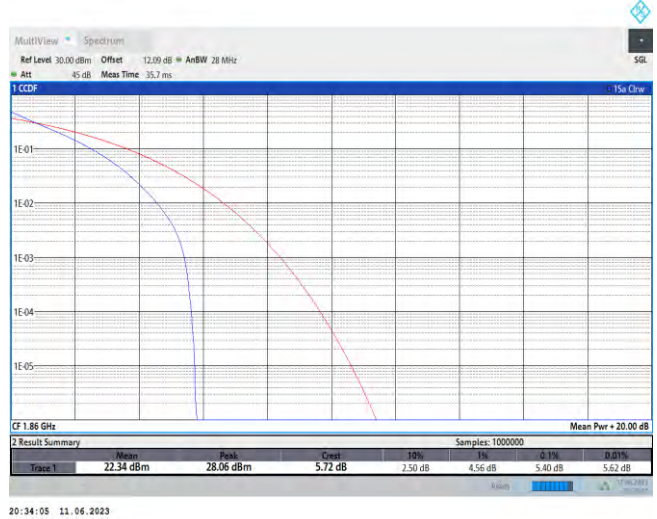
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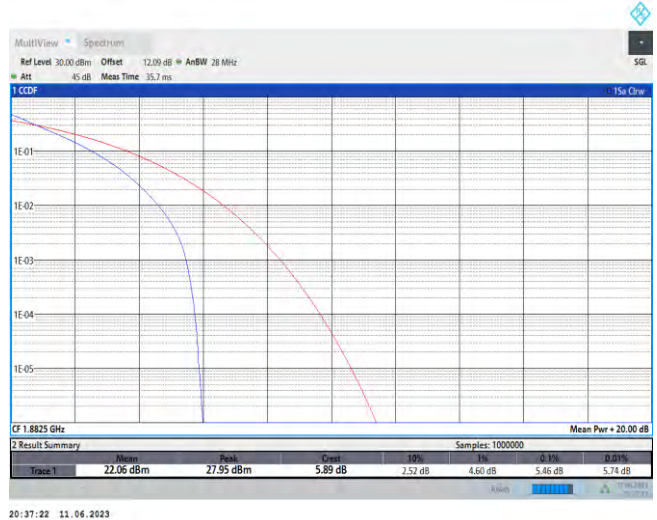
Test Graphs

Band25-20MHz-QPSK-26140-100RB#0



20:34:05 11.06.2023

Band25-20MHz-QPSK-26365-100RB#0



20:37:22 11.06.2023

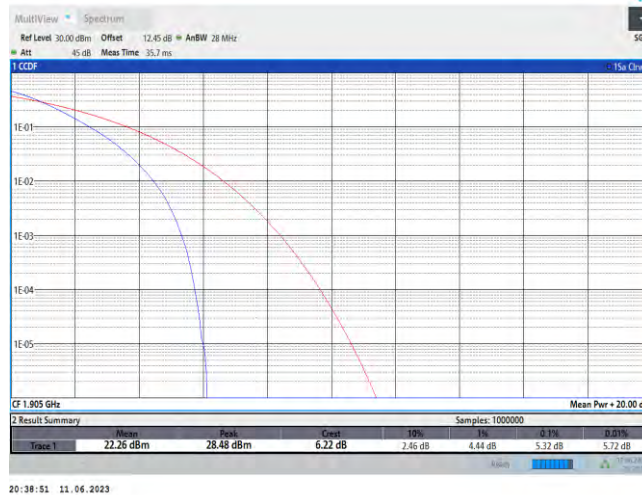


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Band25-20MHz-QPSK-26590-100RB#0



20:38:51 11.06.2023

Band25-20MHz-16QAM-26140-100RB#0



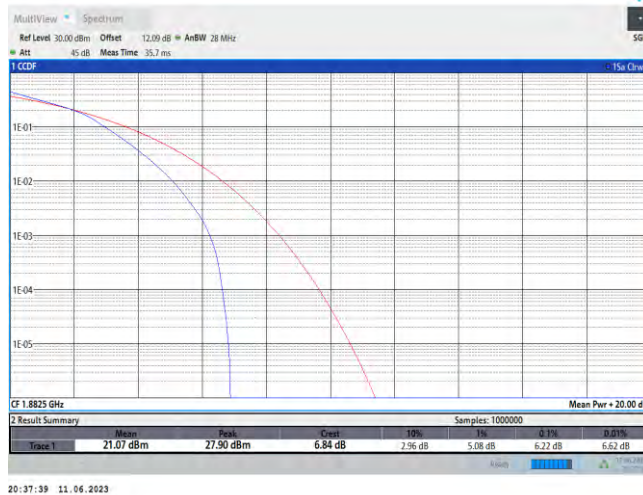
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Band25-20MHz-16QAM-26365-100RB#0



20:37:39 11.06.2023

Band25-20MHz-16QAM-26590-100RB#0



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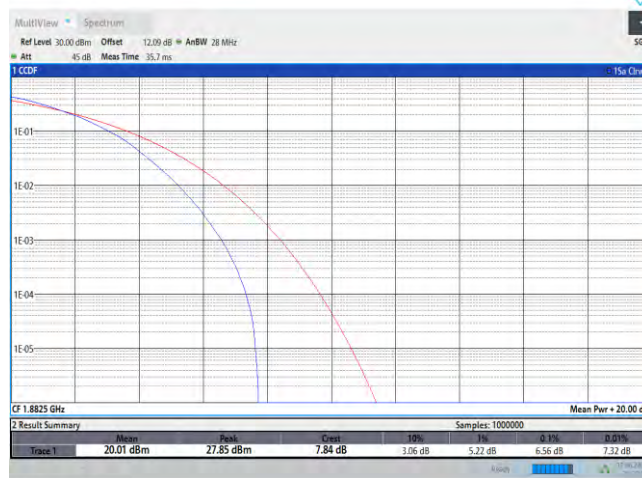
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Band25-20MHz-64QAM-26140-100RB#0



20:34:38 11.06.2023

Band25-20MHz-64QAM-26365-100RB#0



20:37:55 11.06.2023



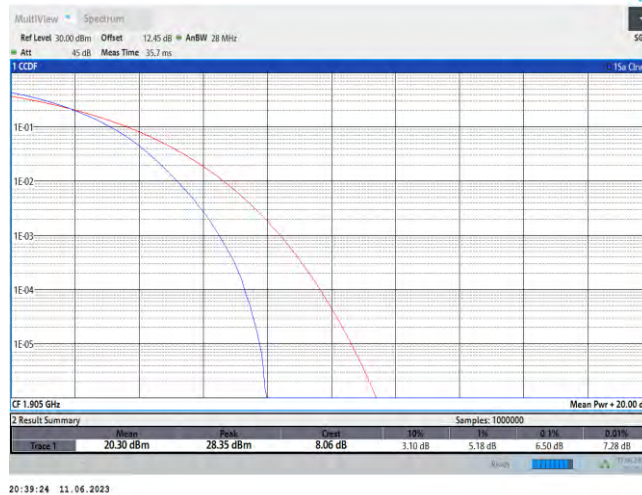
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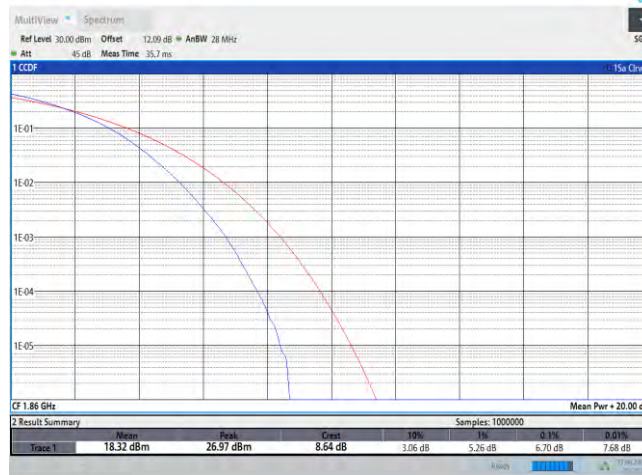


Band25-20MHz-64QAM-26590-100RB#0



20:39:24 11.06.2023

Band25-20MHz-256QAM-26140-100RB#0



20:34:55 11.06.2023



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Band25-20MHz-256QAM-26365-100RB#0



Band25-20MHz-256QAM-26590-100RB#0



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Report No.: SEWM2306000193RG01

Rev.: 01

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## Modulation Characteristics

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result | Verdict |
|--------|-----------|------------|---------|------------------|--------|---------|
| Band25 | 20MHz     | QPSK       | 26365   | 100RB#0          | PASS   | PASS    |
| Band25 | 20MHz     | 16QAM      | 26365   | 100RB#0          | PASS   | PASS    |
| Band25 | 20MHz     | 64QAM      | 26365   | 100RB#0          | PASS   | PASS    |
| Band25 | 20MHz     | 256QAM     | 26365   | 100RB#0          | PASS   | PASS    |



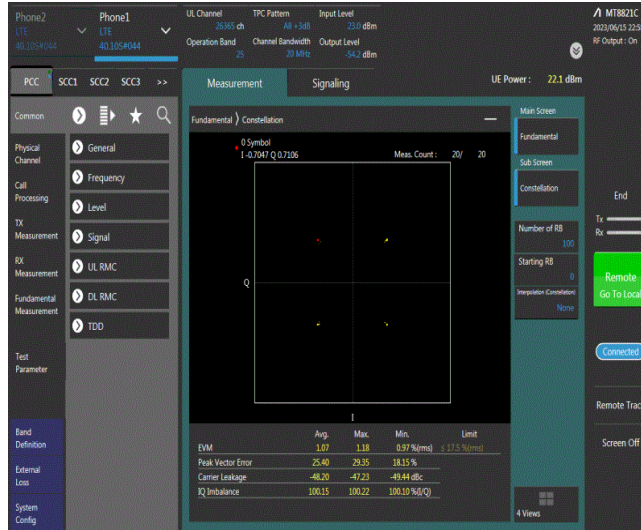
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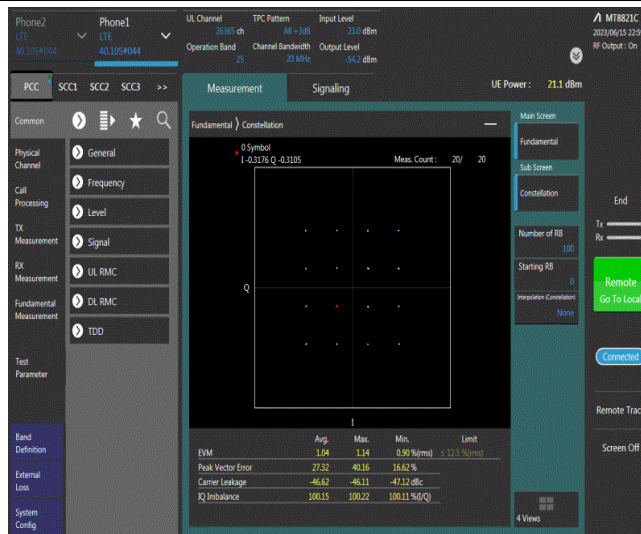
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Test Graphs

Band25-20MHz-QPSK-26365-100RB#0



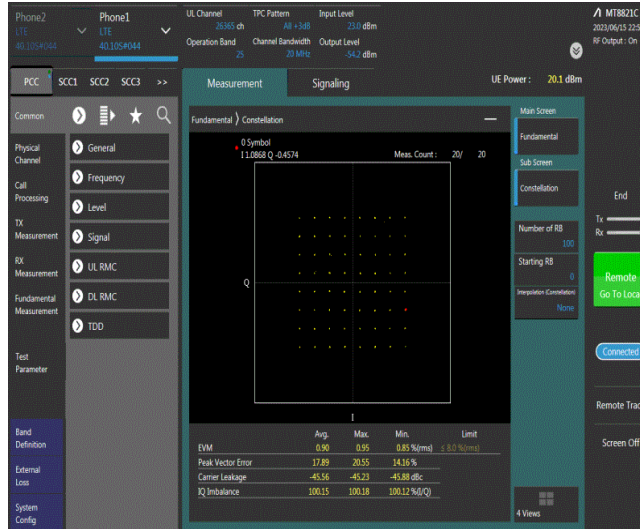
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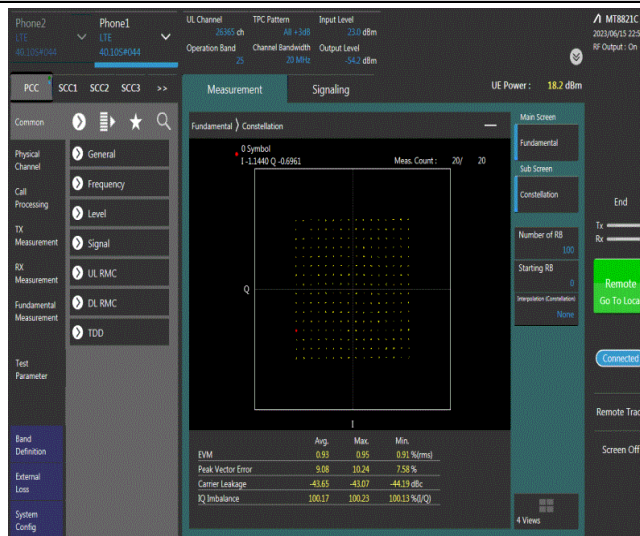
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Band25-20MHz-64QAM-26365-100RB#0



Band25-20MHz-256QAM-26365-100RB#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 |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band25 | 1.4MHz    | QPSK       | 26047   | 6RB#0            | 1.106                    | 1.38                 | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26365   | 6RB#0            | 1.104                    | 1.38                 | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26683   | 6RB#0            | 1.104                    | 1.40                 | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26047   | 6RB#0            | 1.108                    | 1.38                 | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26365   | 6RB#0            | 1.109                    | 1.38                 | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26683   | 6RB#0            | 1.105                    | 1.37                 | PASS    |
| Band25 | 1.4MHz    | 64QAM      | 26047   | 6RB#0            | 1.105                    | 1.40                 | PASS    |
| Band25 | 1.4MHz    | 64QAM      | 26365   | 6RB#0            | 1.104                    | 1.40                 | PASS    |
| Band25 | 1.4MHz    | 64QAM      | 26683   | 6RB#0            | 1.107                    | 1.38                 | PASS    |
| Band25 | 1.4MHz    | 256QAM     | 26047   | 6RB#0            | 1.104                    | 1.37                 | PASS    |
| Band25 | 1.4MHz    | 256QAM     | 26365   | 6RB#0            | 1.103                    | 1.38                 | PASS    |
| Band25 | 1.4MHz    | 256QAM     | 26683   | 6RB#0            | 1.104                    | 1.37                 | PASS    |
| Band25 | 3MHz      | QPSK       | 26055   | 15RB#0           | 2.698                    | 3.07                 | PASS    |
| Band25 | 3MHz      | QPSK       | 26365   | 15RB#0           | 2.694                    | 3.02                 | PASS    |
| Band25 | 3MHz      | QPSK       | 26675   | 15RB#0           | 2.696                    | 3.06                 | PASS    |
| Band25 | 3MHz      | 16QAM      | 26055   | 15RB#0           | 2.693                    | 3.07                 | PASS    |
| Band25 | 3MHz      | 16QAM      | 26365   | 15RB#0           | 2.699                    | 3.04                 | PASS    |
| Band25 | 3MHz      | 16QAM      | 26675   | 15RB#0           | 2.694                    | 3.08                 | PASS    |
| Band25 | 3MHz      | 64QAM      | 26055   | 15RB#0           | 2.695                    | 3.04                 | PASS    |
| Band25 | 3MHz      | 64QAM      | 26365   | 15RB#0           | 2.696                    | 3.02                 | PASS    |
| Band25 | 3MHz      | 64QAM      | 26675   | 15RB#0           | 2.698                    | 3.03                 | PASS    |
| Band25 | 3MHz      | 256QAM     | 26055   | 15RB#0           | 2.697                    | 3.05                 | PASS    |
| Band25 | 3MHz      | 256QAM     | 26365   | 15RB#0           | 2.701                    | 3.07                 | PASS    |
| Band25 | 3MHz      | 256QAM     | 26675   | 15RB#0           | 2.7                      | 3.08                 | PASS    |
| Band25 | 5MHz      | QPSK       | 26065   | 25RB#0           | 4.478                    | 5.01                 | PASS    |
| Band25 | 5MHz      | QPSK       | 26365   | 25RB#0           | 4.481                    | 5.00                 | PASS    |
| Band25 | 5MHz      | QPSK       | 26665   | 25RB#0           | 4.477                    | 5.06                 | PASS    |
| Band25 | 5MHz      | 16QAM      | 26065   | 25RB#0           | 4.474                    | 5.01                 | PASS    |
| Band25 | 5MHz      | 16QAM      | 26365   | 25RB#0           | 4.483                    | 5.03                 | PASS    |
| Band25 | 5MHz      | 16QAM      | 26665   | 25RB#0           | 4.485                    | 5.08                 | PASS    |
| Band25 | 5MHz      | 64QAM      | 26065   | 25RB#0           | 4.485                    | 5.04                 | PASS    |



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|        |       |        |       |         |        |       |      |
|--------|-------|--------|-------|---------|--------|-------|------|
| Band25 | 5MHz  | 64QAM  | 26365 | 25RB#0  | 4.477  | 5.06  | PASS |
| Band25 | 5MHz  | 64QAM  | 26665 | 25RB#0  | 4.48   | 5.04  | PASS |
| Band25 | 5MHz  | 256QAM | 26065 | 25RB#0  | 4.478  | 5.03  | PASS |
| Band25 | 5MHz  | 256QAM | 26365 | 25RB#0  | 4.481  | 5.06  | PASS |
| Band25 | 5MHz  | 256QAM | 26665 | 25RB#0  | 4.485  | 5.01  | PASS |
| Band25 | 10MHz | QPSK   | 26090 | 50RB#0  | 8.939  | 9.78  | PASS |
| Band25 | 10MHz | QPSK   | 26365 | 50RB#0  | 8.949  | 9.86  | PASS |
| Band25 | 10MHz | QPSK   | 26640 | 50RB#0  | 8.932  | 9.84  | PASS |
| Band25 | 10MHz | 16QAM  | 26090 | 50RB#0  | 8.94   | 9.78  | PASS |
| Band25 | 10MHz | 16QAM  | 26365 | 50RB#0  | 8.953  | 9.82  | PASS |
| Band25 | 10MHz | 16QAM  | 26640 | 50RB#0  | 8.935  | 9.72  | PASS |
| Band25 | 10MHz | 64QAM  | 26090 | 50RB#0  | 8.937  | 9.86  | PASS |
| Band25 | 10MHz | 64QAM  | 26365 | 50RB#0  | 8.944  | 9.88  | PASS |
| Band25 | 10MHz | 64QAM  | 26640 | 50RB#0  | 8.955  | 9.82  | PASS |
| Band25 | 10MHz | 256QAM | 26090 | 50RB#0  | 8.926  | 9.76  | PASS |
| Band25 | 10MHz | 256QAM | 26365 | 50RB#0  | 8.944  | 9.80  | PASS |
| Band25 | 10MHz | 256QAM | 26640 | 50RB#0  | 8.945  | 9.82  | PASS |
| Band25 | 15MHz | QPSK   | 26115 | 75RB#0  | 13.464 | 14.91 | PASS |
| Band25 | 15MHz | QPSK   | 26365 | 75RB#0  | 13.486 | 15.12 | PASS |
| Band25 | 15MHz | QPSK   | 26615 | 75RB#0  | 13.449 | 15.03 | PASS |
| Band25 | 15MHz | 16QAM  | 26115 | 75RB#0  | 13.455 | 14.91 | PASS |
| Band25 | 15MHz | 16QAM  | 26365 | 75RB#0  | 13.468 | 14.91 | PASS |
| Band25 | 15MHz | 16QAM  | 26615 | 75RB#0  | 13.456 | 15.09 | PASS |
| Band25 | 15MHz | 64QAM  | 26115 | 75RB#0  | 13.47  | 14.97 | PASS |
| Band25 | 15MHz | 64QAM  | 26365 | 75RB#0  | 13.487 | 14.94 | PASS |
| Band25 | 15MHz | 64QAM  | 26615 | 75RB#0  | 13.433 | 14.91 | PASS |
| Band25 | 15MHz | 256QAM | 26115 | 75RB#0  | 13.465 | 14.88 | PASS |
| Band25 | 15MHz | 256QAM | 26365 | 75RB#0  | 13.479 | 14.94 | PASS |
| Band25 | 15MHz | 256QAM | 26615 | 75RB#0  | 13.445 | 14.82 | PASS |
| Band25 | 20MHz | QPSK   | 26140 | 100RB#0 | 17.887 | 19.60 | PASS |
| Band25 | 20MHz | QPSK   | 26365 | 100RB#0 | 17.894 | 19.72 | PASS |
| Band25 | 20MHz | QPSK   | 26590 | 100RB#0 | 17.866 | 19.52 | PASS |
| Band25 | 20MHz | 16QAM  | 26140 | 100RB#0 | 17.883 | 19.64 | PASS |
| Band25 | 20MHz | 16QAM  | 26365 | 100RB#0 | 17.911 | 19.68 | PASS |
| Band25 | 20MHz | 16QAM  | 26590 | 100RB#0 | 17.868 | 19.76 | PASS |
| Band25 | 20MHz | 64QAM  | 26140 | 100RB#0 | 17.877 | 19.68 | PASS |
| Band25 | 20MHz | 64QAM  | 26365 | 100RB#0 | 17.903 | 19.64 | PASS |



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Report No.: SEWM2306000193RG01

Rev.: 01

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|        |       |        |       |         |        |       |      |
|--------|-------|--------|-------|---------|--------|-------|------|
| Band25 | 20MHz | 64QAM  | 26590 | 100RB#0 | 17.873 | 19.52 | PASS |
| Band25 | 20MHz | 256QAM | 26140 | 100RB#0 | 17.859 | 19.72 | PASS |
| Band25 | 20MHz | 256QAM | 26365 | 100RB#0 | 17.926 | 19.60 | PASS |
| Band25 | 20MHz | 256QAM | 26590 | 100RB#0 | 17.877 | 19.48 | PASS |



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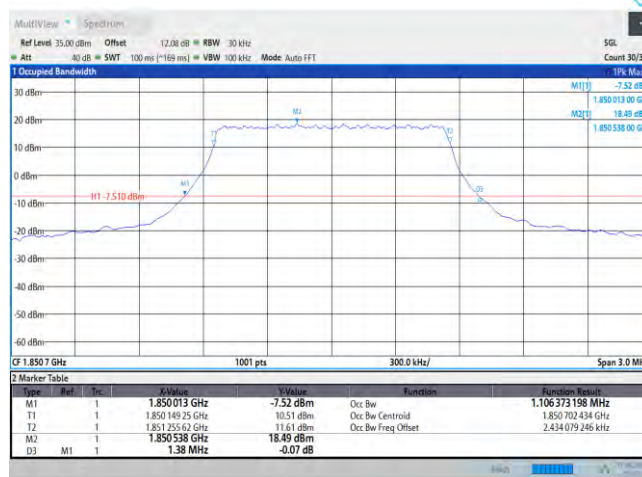
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Test Graphs

Band25-1.4MHz-QPSK-26047-6RB#0



20:47:18 11.06.2023

Band25-1.4MHz-QPSK-26365-6RB#0



20:48:49 11.06.2023



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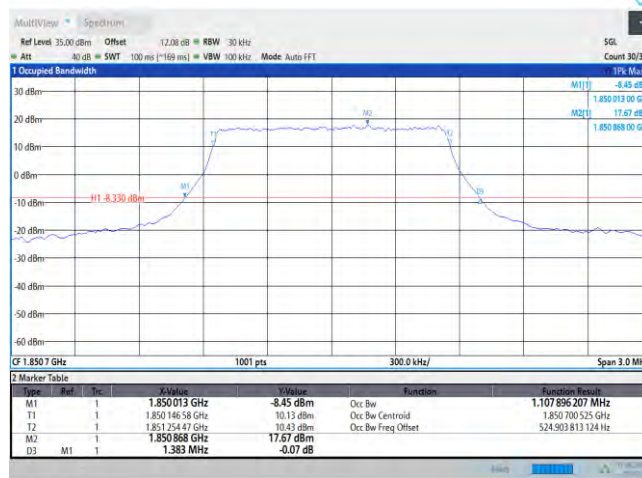
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Band25-1.4MHz-QPSK-26683-6RB#0



20:50:20 11.06.2023

Band25-1.4MHz-16QAM-26047-6RB#0



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Band25-1.4MHz-16QAM-26365-6RB#0



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Band25-1.4MHz-16QAM-26683-6RB#0



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Band25-1.4MHz-64QAM-26047-6RB#0



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Band25-1.4MHz-64QAM-26683-6RB#0



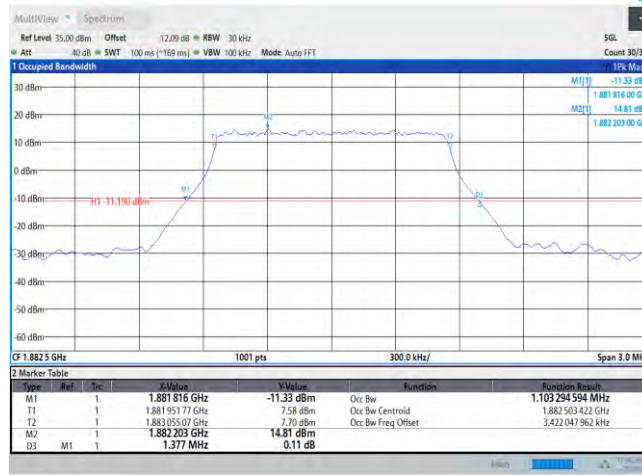
Band25-1.4MHz-256QAM-26047-6RB#0



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Band25-1.4MHz-256QAM-26365-6RB#0



20:49:40 11.06.2023

Band25-1.4MHz-256QAM-26683-6RB#0



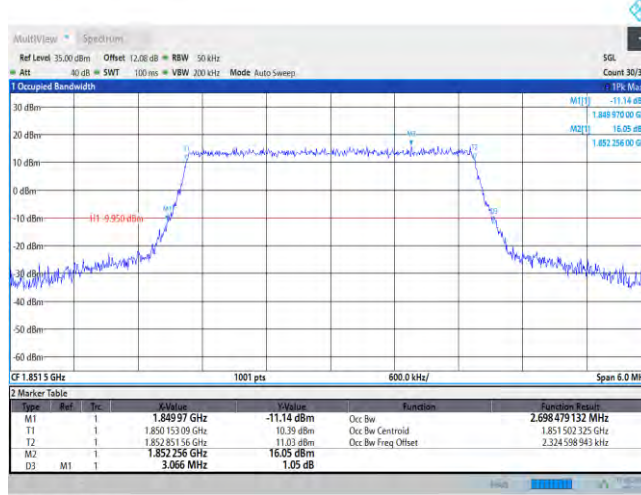
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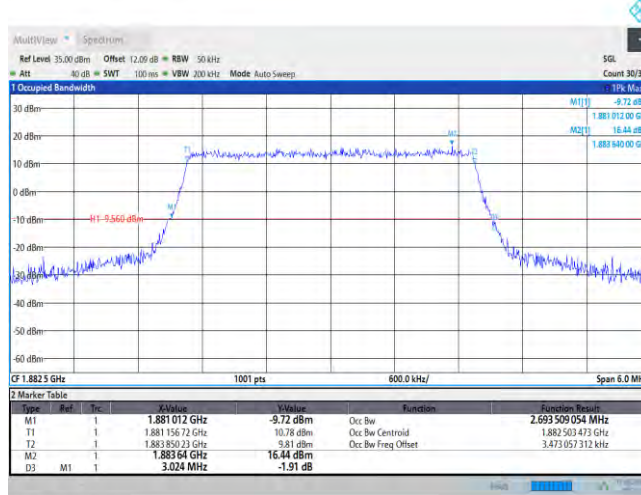
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Band25-3MHz-QPSK-26055-15RB#0



20:51:52 11.06.2023

Band25-3MHz-QPSK-26365-15RB#0



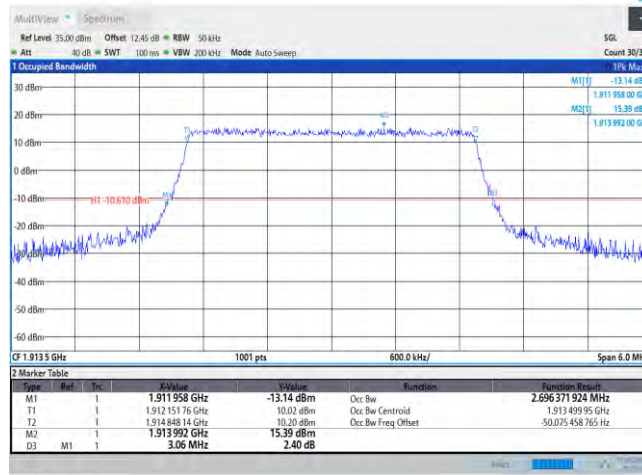
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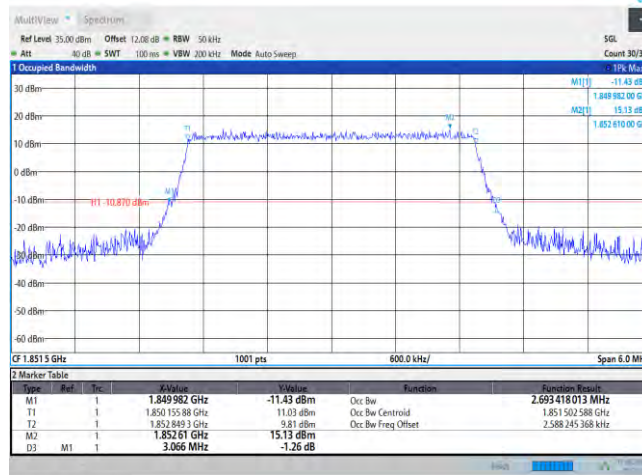
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Band25-3MHz-QPSK-26675-15RB#0



20:54:50 11.06.2023

Band25-3MHz-16QAM-26055-15RB#0



20:52:08 11.06.2023

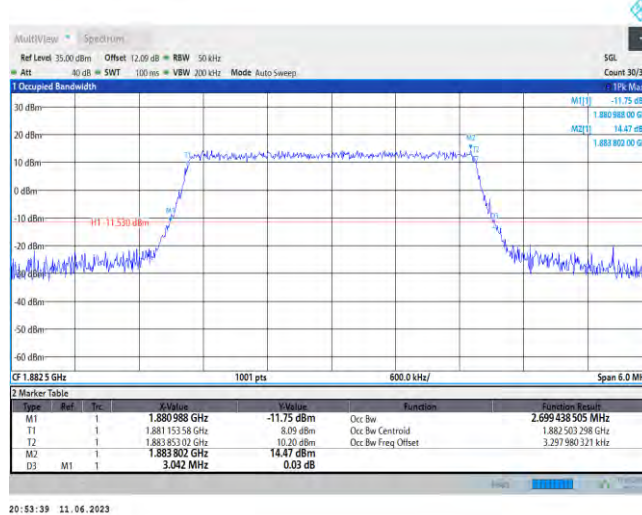


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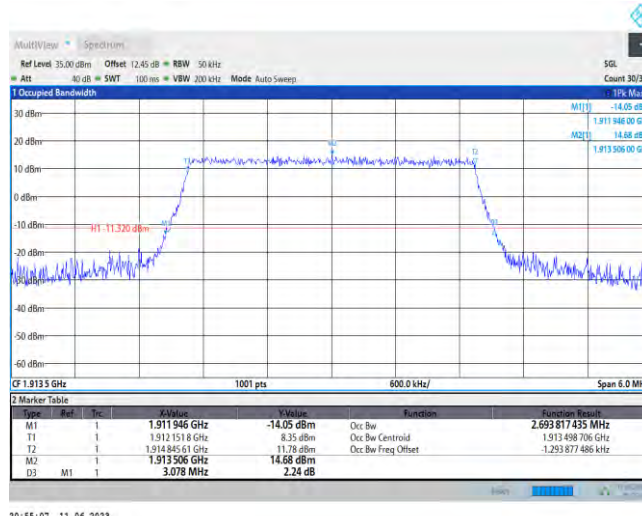


Band25-3MHz-16QAM-26365-15RB#0



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Band25-3MHz-16QAM-26675-15RB#0



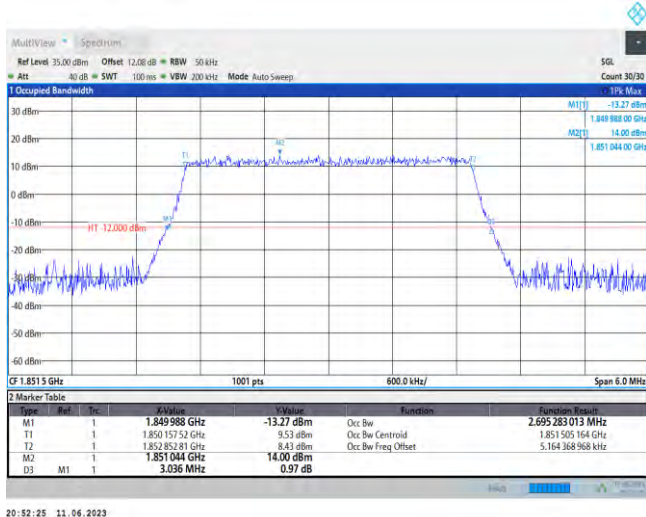
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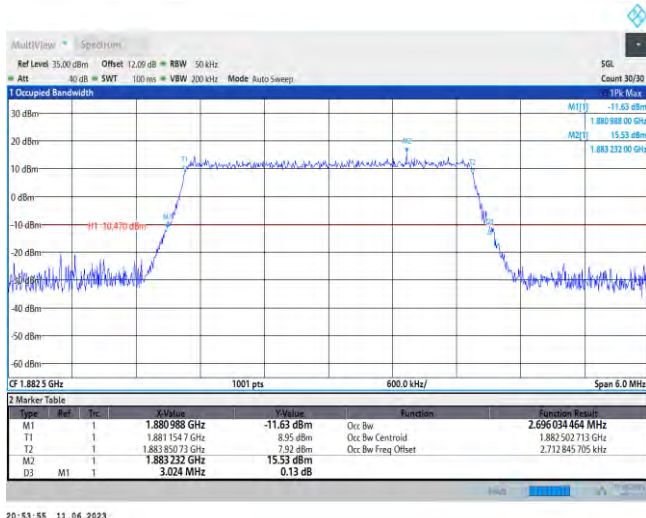
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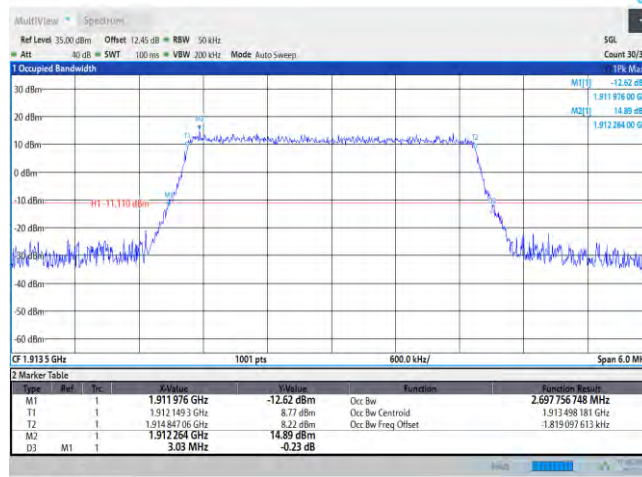
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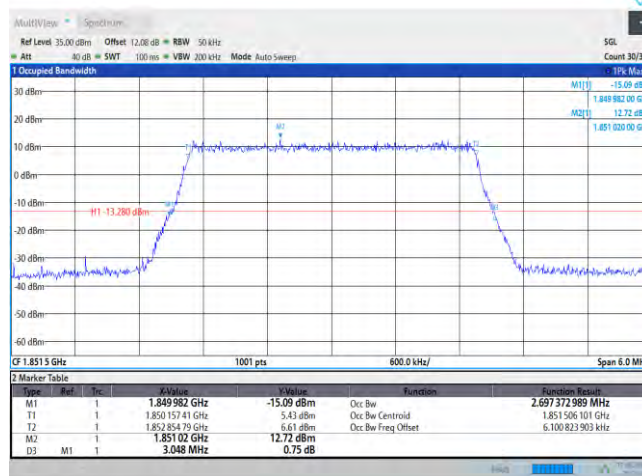
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Band25-3MHz-64QAM-26675-15RB#0



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Band25-3MHz-256QAM-26055-15RB#0



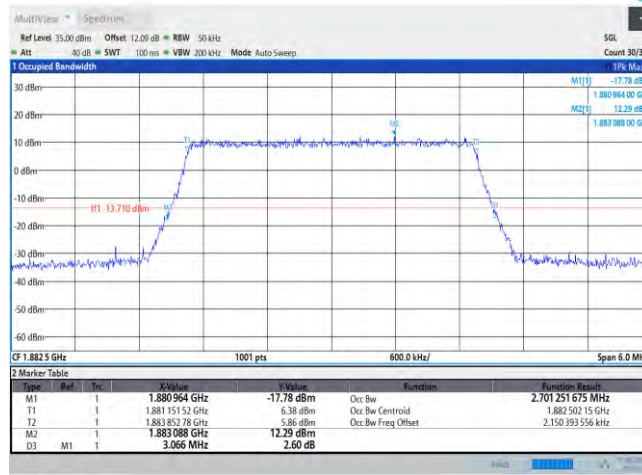
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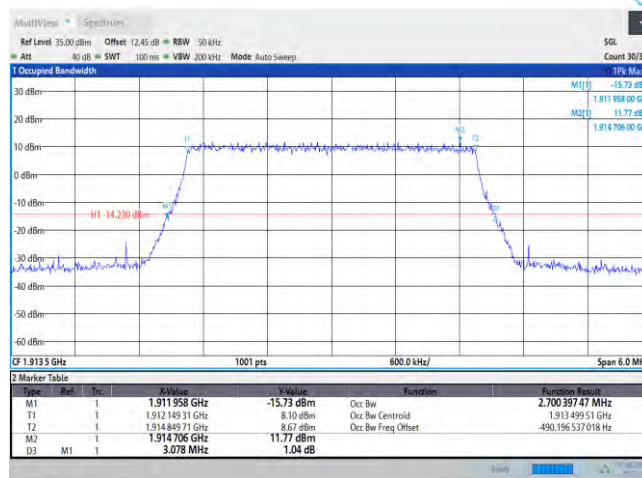
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Band25-3MHz-256QAM-26365-15RB#0



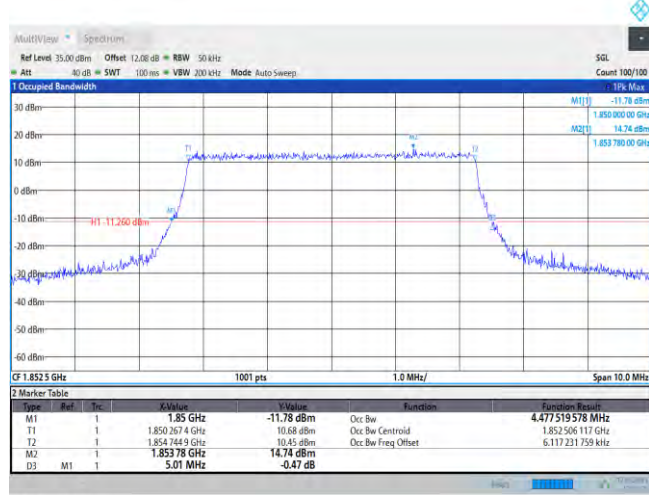
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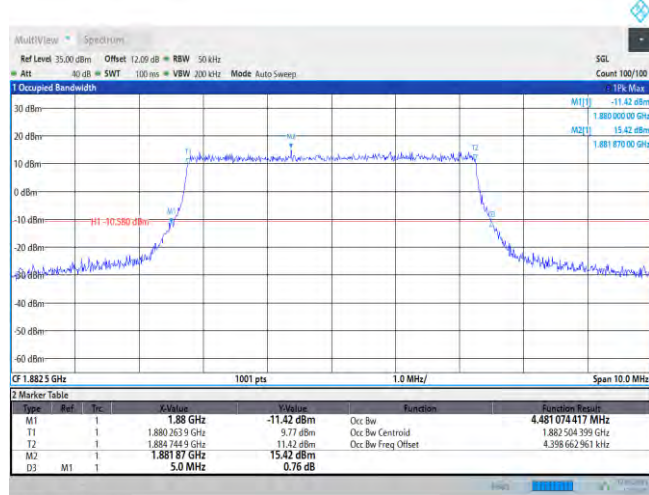
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Band25-5MHz-QPSK-26065-25RB#0



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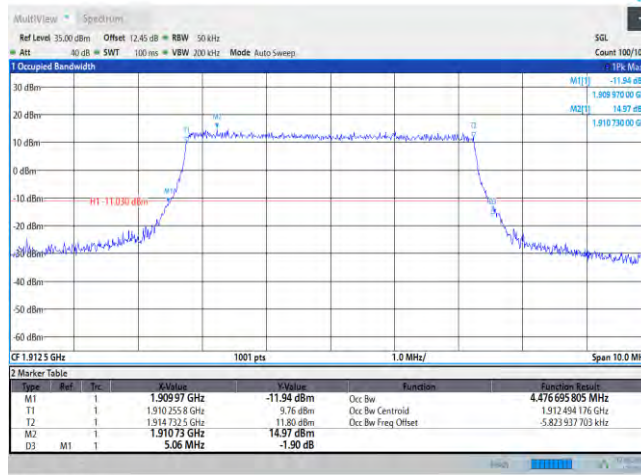
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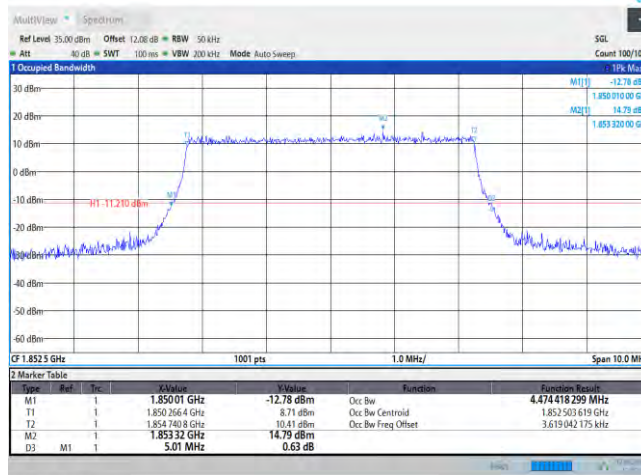
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Band25-5MHz-QPSK-26665-25RB#0



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Band25-5MHz-16QAM-26065-25RB#0



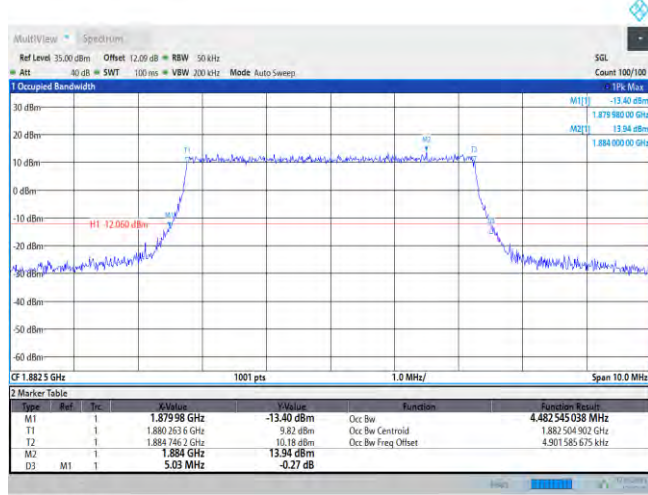
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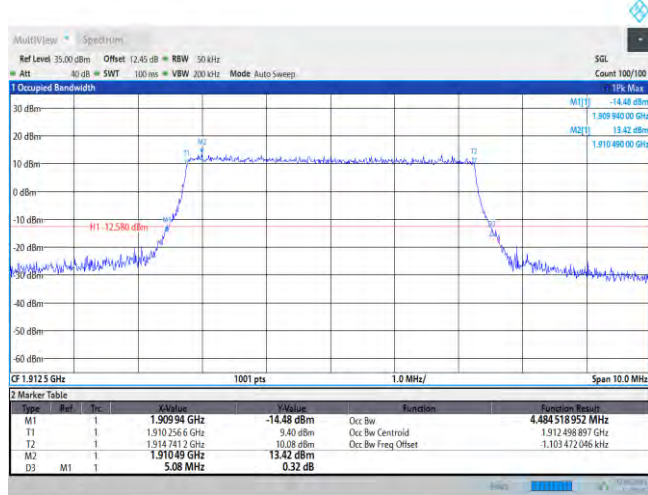
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Band25-5MHz-16QAM-26365-25RB#0



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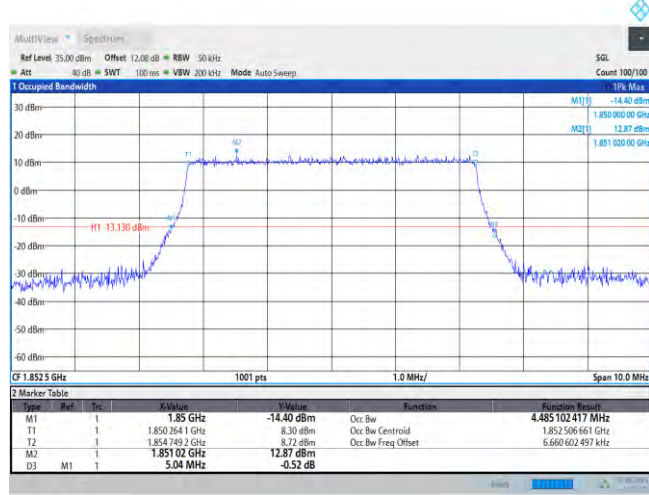
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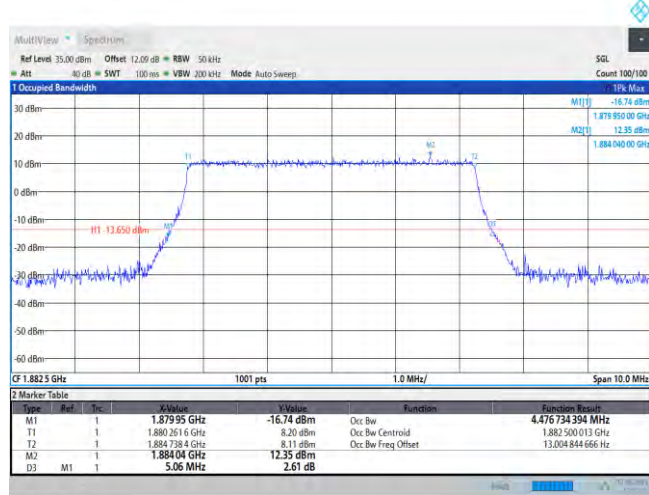
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Band25-5MHz-64QAM-26365-25RB#0



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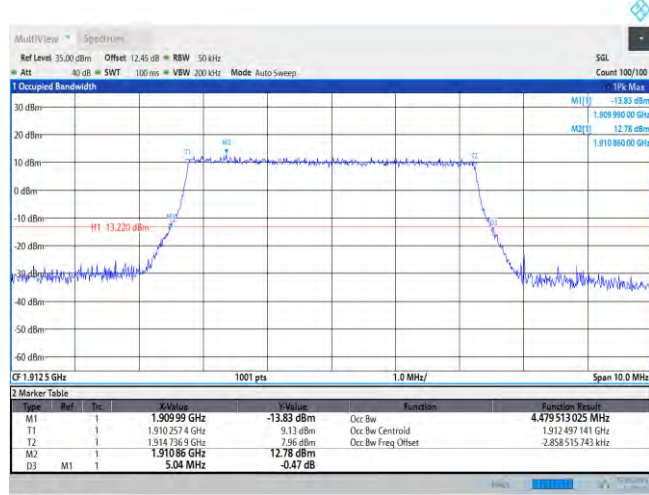
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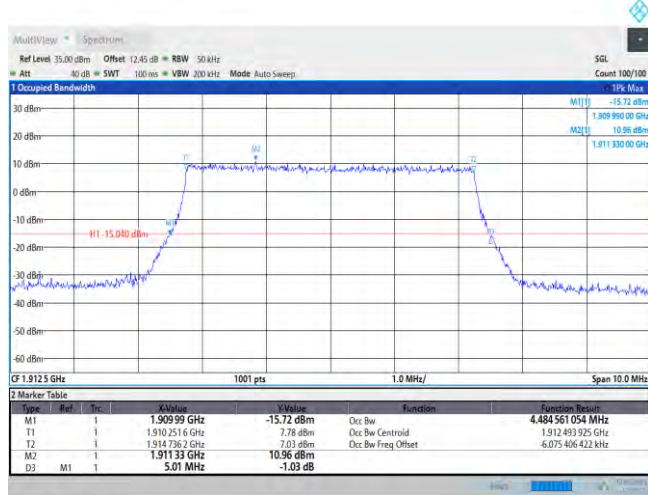
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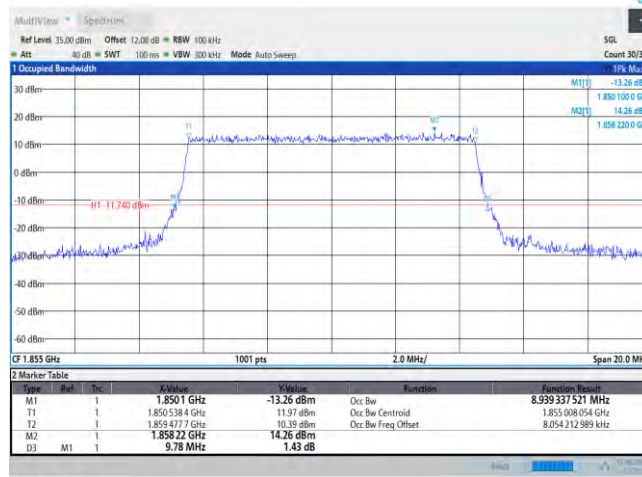
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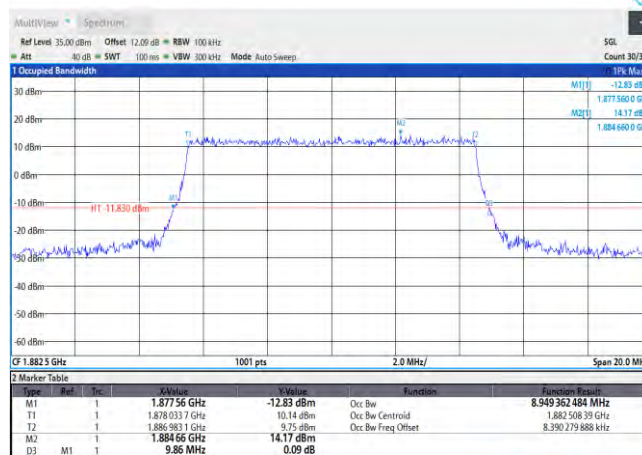
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Band25-10MHz-QPSK-26090-50RB#0



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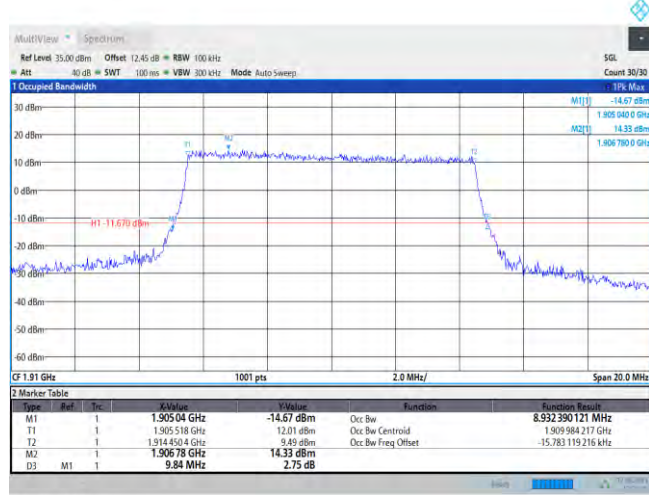
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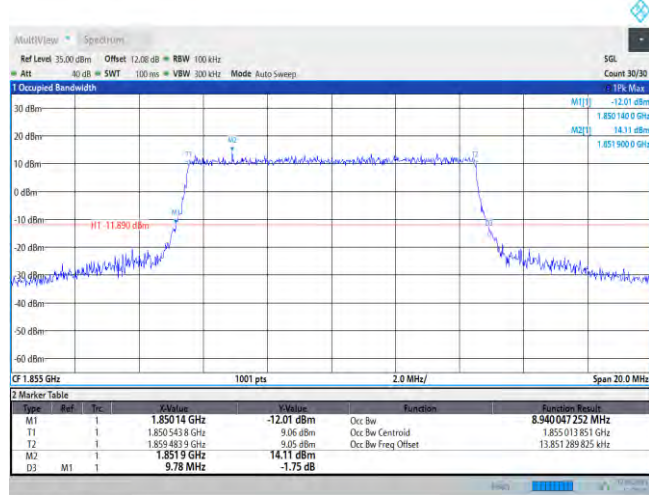
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Band25-10MHz-QPSK-26640-50RB#0



12:23:28 12.06.2023

Band25-10MHz-16QAM-26090-50RB#0



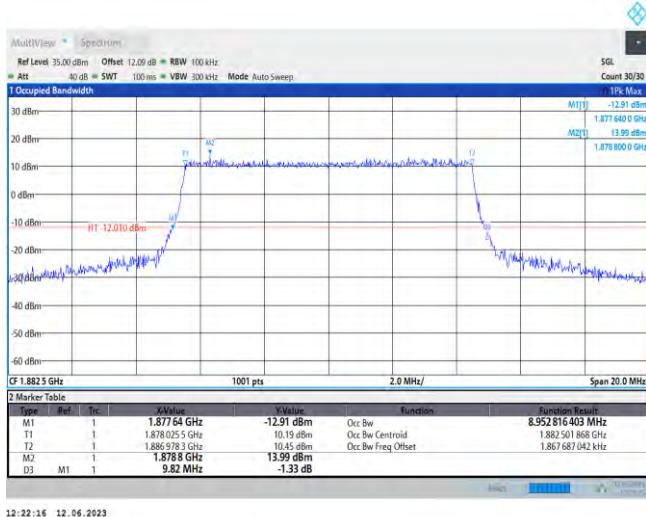
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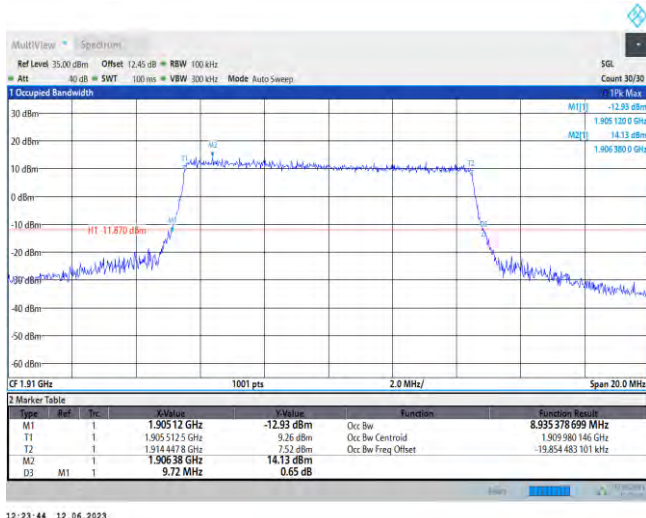
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Band25-10MHz-16QAM-26365-50RB#0



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Band25-10MHz-16QAM-26640-50RB#0



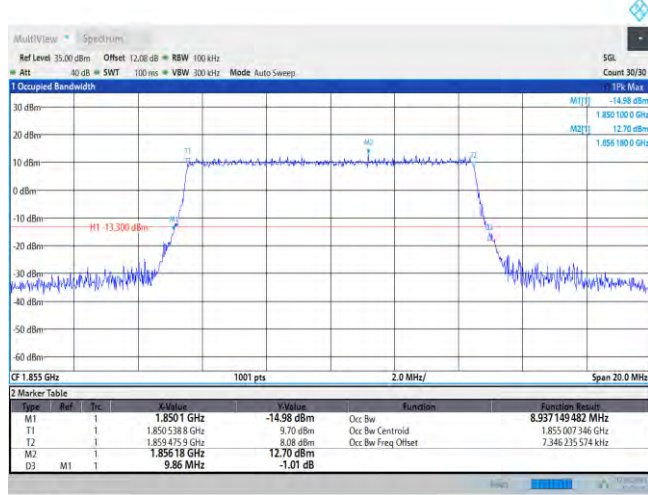
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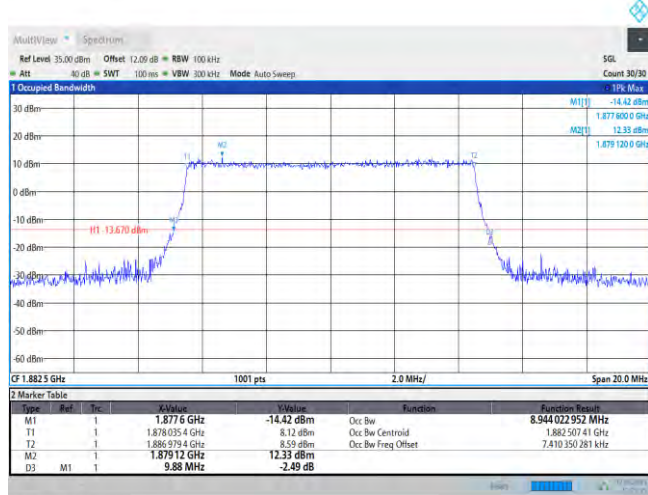
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Band25-10MHz-64QAM-26090-50RB#0



12:21:06 12.06.2023

Band25-10MHz-64QAM-26365-50RB#0



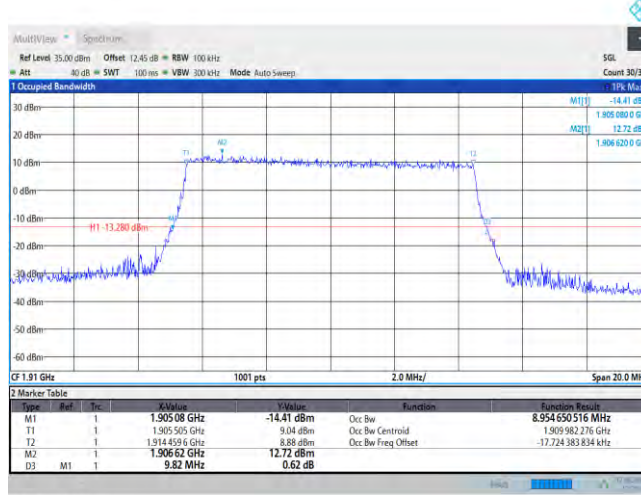
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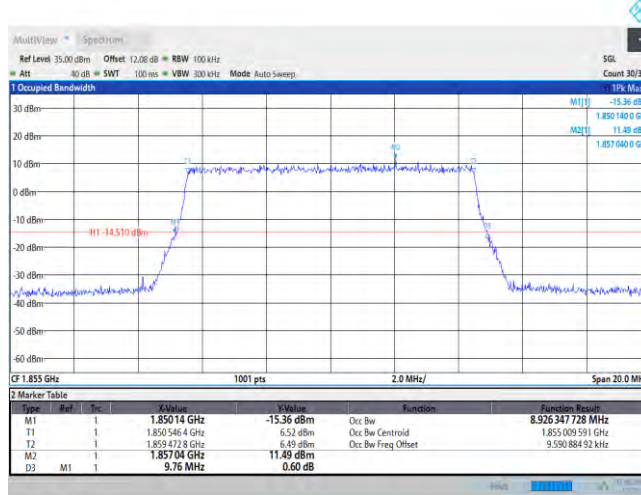
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Band25-10MHz-64QAM-26640-50RB#0



12:24:01 12.06.2023

Band25-10MHz-256QAM-26090-50RB#0



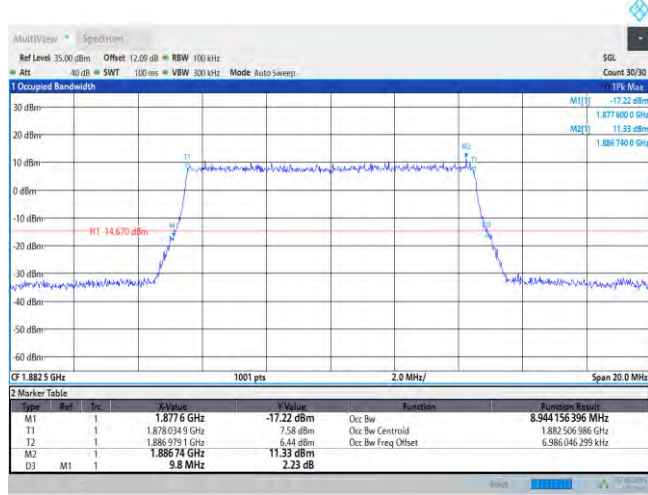
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Band25-10MHz-256QAM-26365-50RB#0



12:22:49 12.06.2023

Band25-10MHz-256QAM-26640-50RB#0



12:24:17 12.06.2023

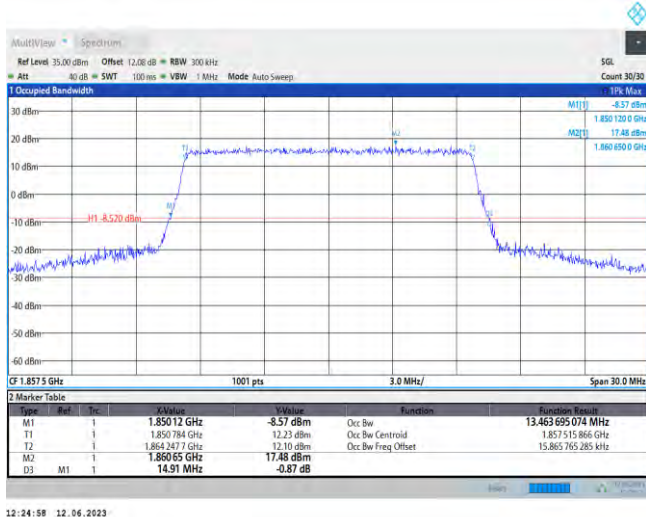


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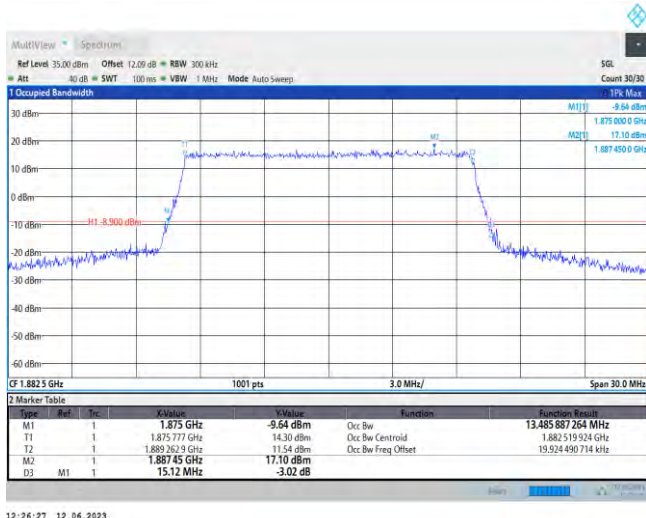
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Band25-15MHz-QPSK-26115-75RB#0



Band25-15MHz-QPSK-26365-75RB#0

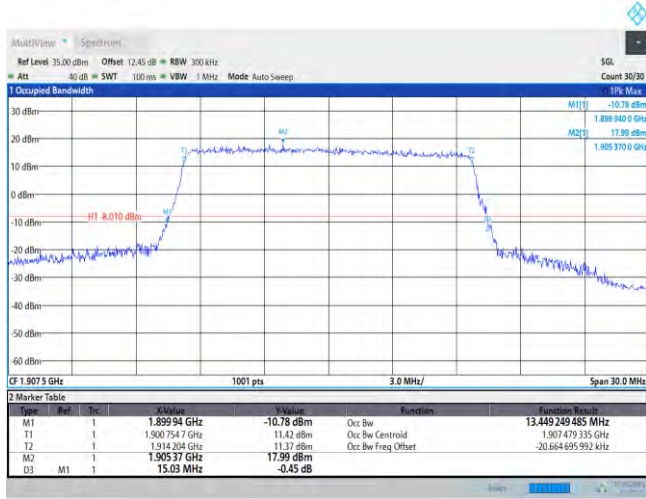


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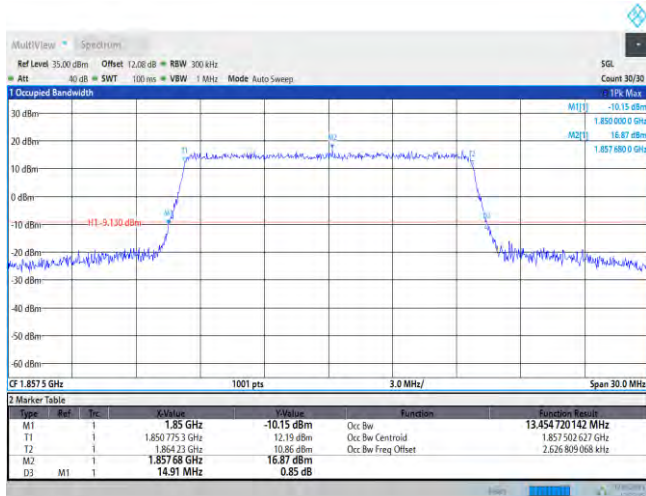
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Band25-15MHz-QPSK-26615-75RB#0



12:27:55 12.06.2023

Band25-15MHz-16QAM-26115-75RB#0

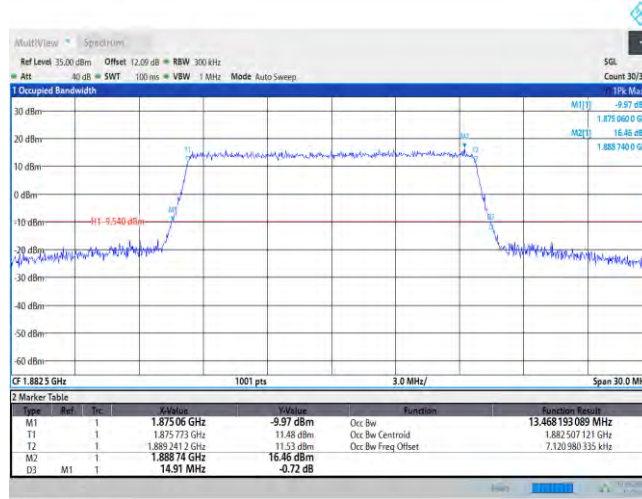


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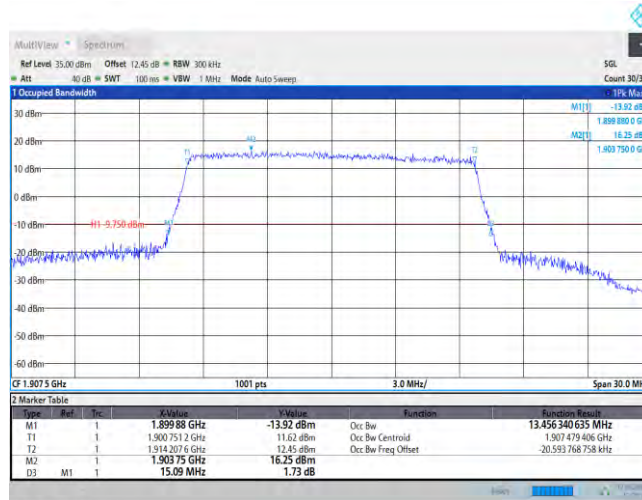
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Band25-15MHz-16QAM-26365-75RB#0



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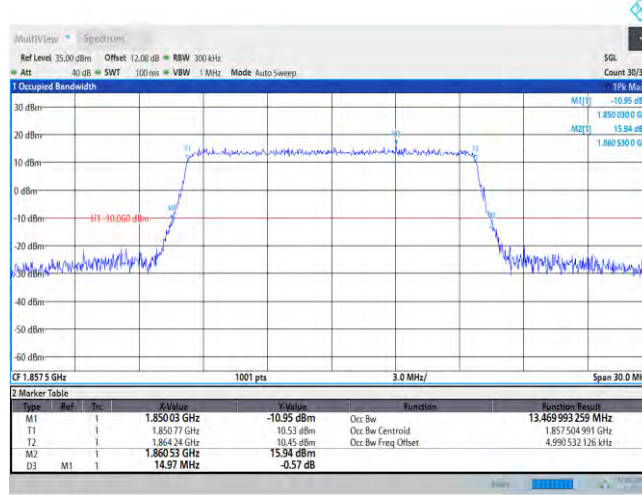
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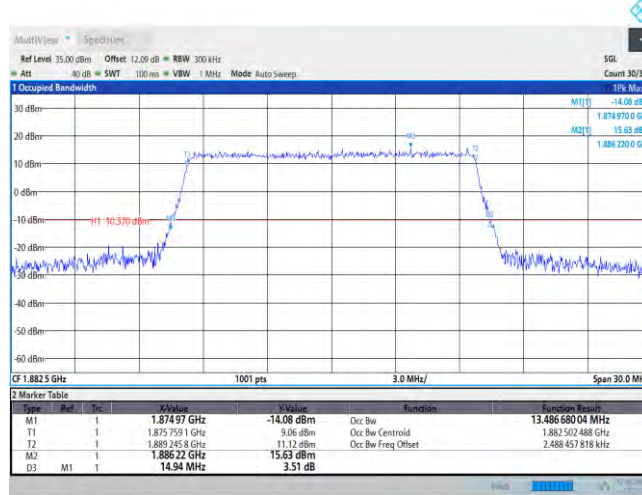
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Band25-15MHz-64QAM-26115-75RB#0



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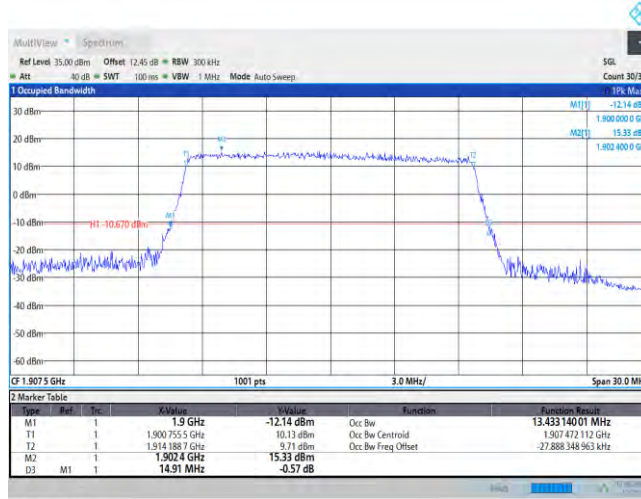
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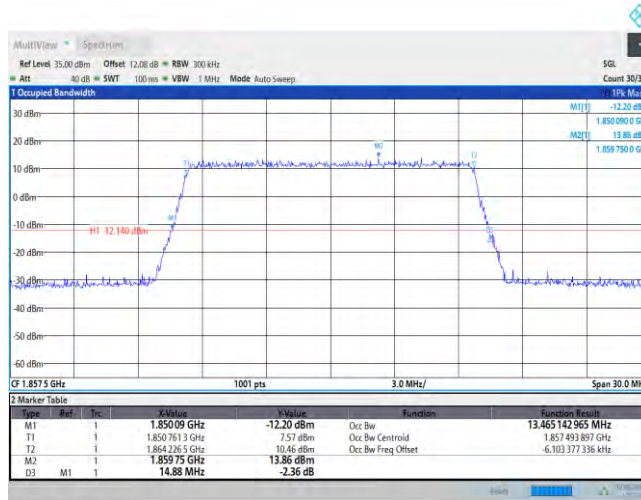
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Band25-15MHz-64QAM-26615-75RB#0



12:28:28 12.06.2023

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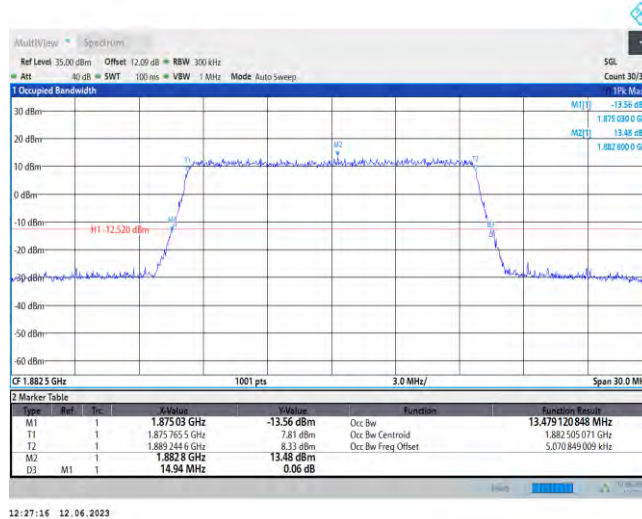
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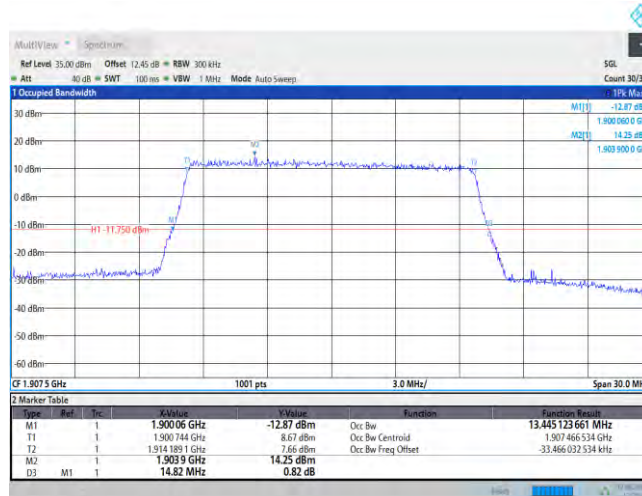
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Band25-15MHz-256QAM-26365-75RB#0



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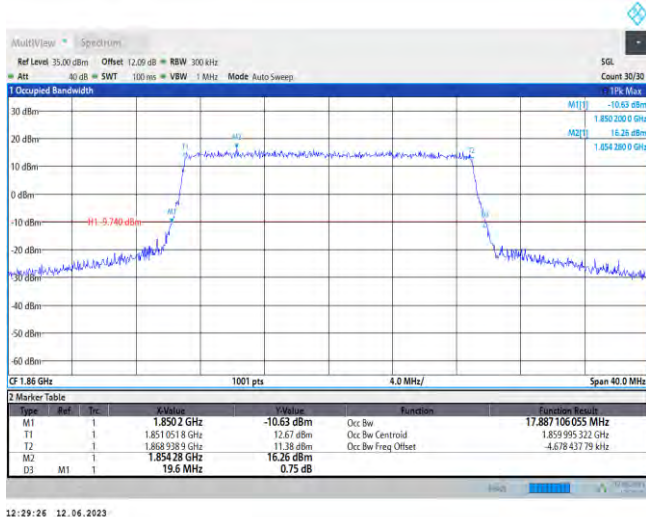
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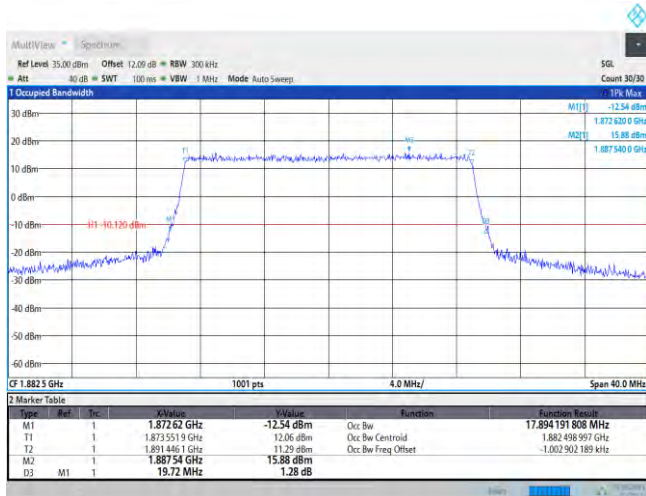
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Band25-20MHz-QPSK-26140-100RB#0



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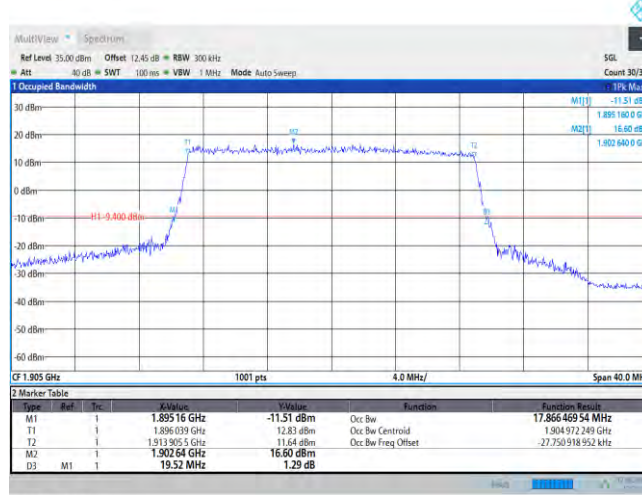
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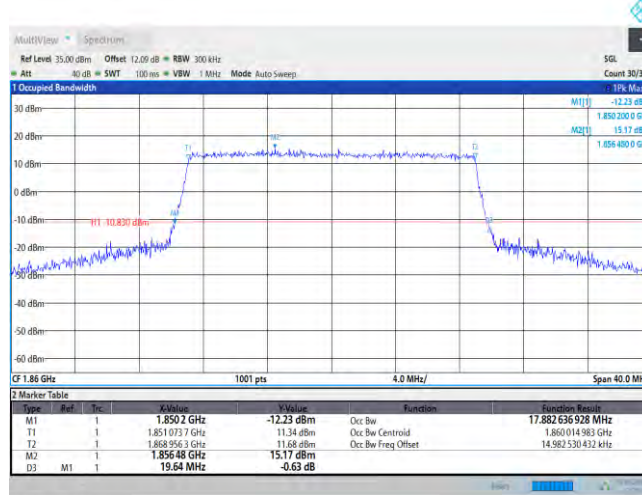
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Band25-20MHz-QPSK-26590-100RB#0



12:32:20 12.06.2023

Band25-20MHz-16QAM-26140-100RB#0



12:29:43 12.06.2023

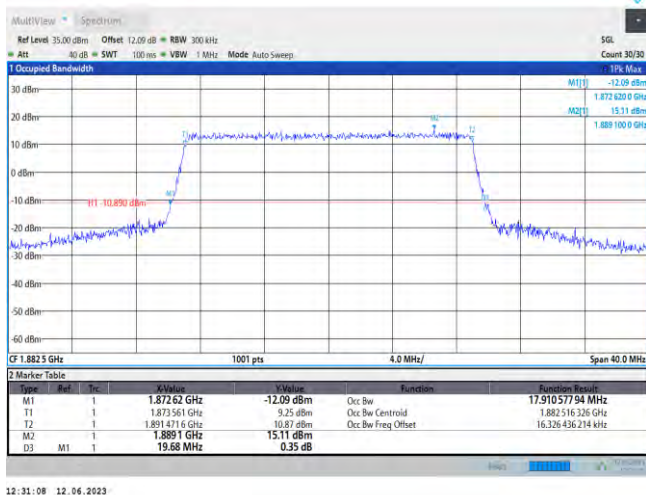


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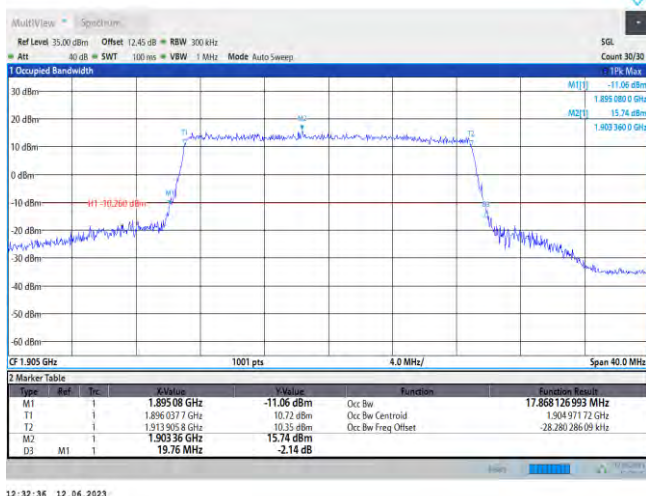


Band25-20MHz-16QAM-26365-100RB#0



12:31:08 12.06.2023

Band25-20MHz-16QAM-26590-100RB#0



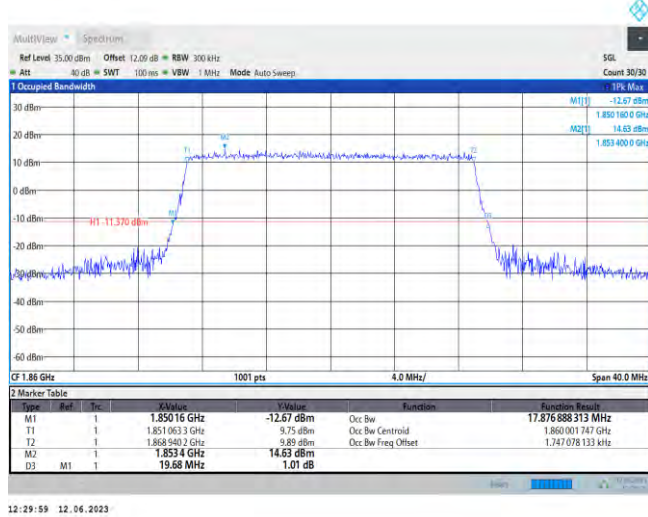
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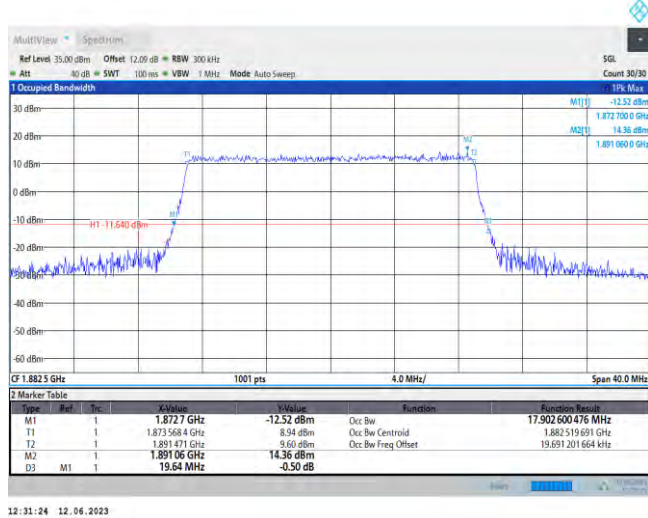
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Band25-20MHz-64QAM-26140-100RB#0



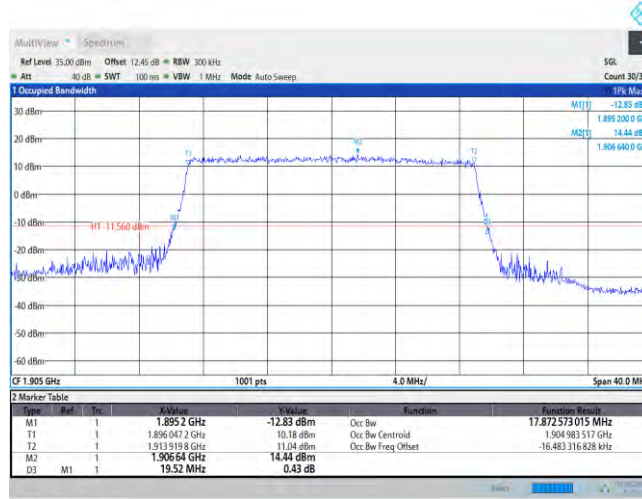
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Band25-20MHz-64QAM-26590-100RB#0



12:32:53 12.06.2023

Band25-20MHz-256QAM-26140-100RB#0



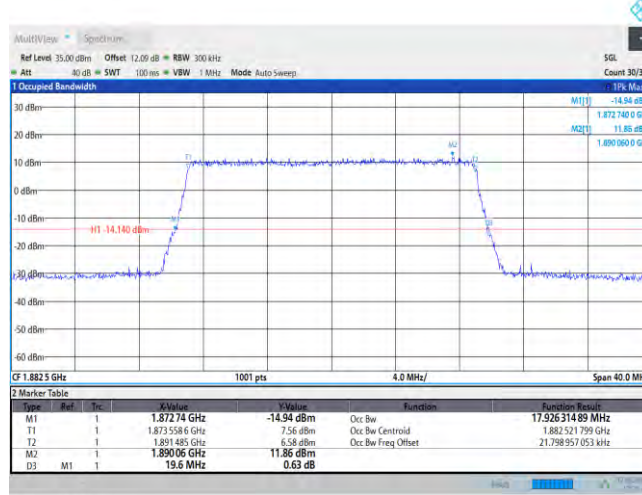
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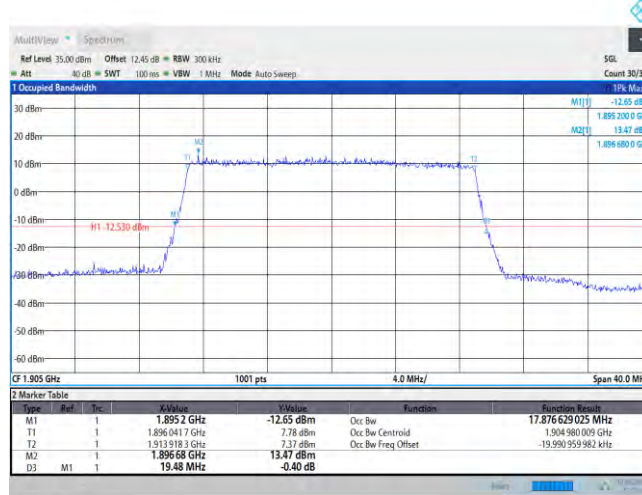
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Band25-20MHz-256QAM-26365-100RB#0



12:31:41 12.06.2023

Band25-20MHz-256QAM-26590-100RB#0



12:33:09 12.06.2023



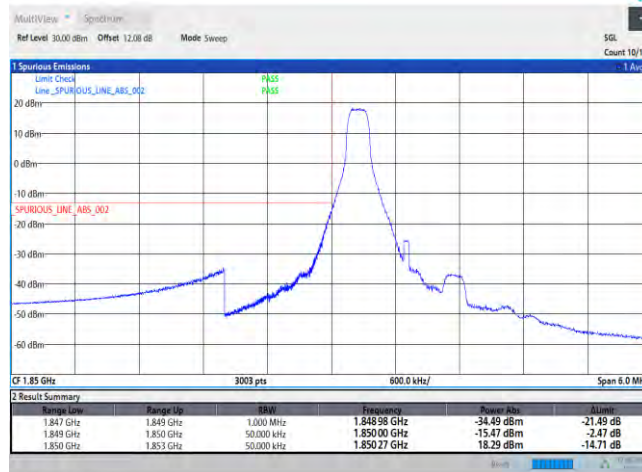
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## Band Edge

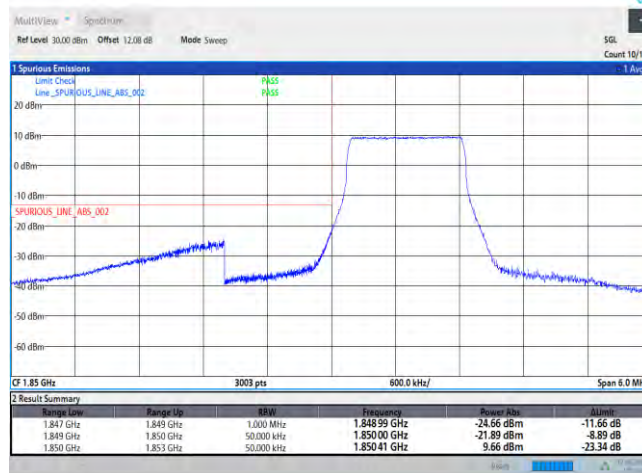
## Test Graphs

Band25-1.4MHz-QPSK-26047-1RB#0



12:35:29 12.06.2023

Band25-1.4MHz-QPSK-26047-6RB#0



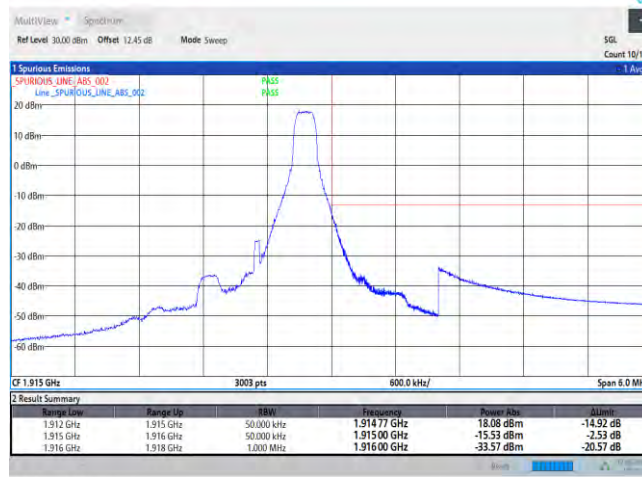
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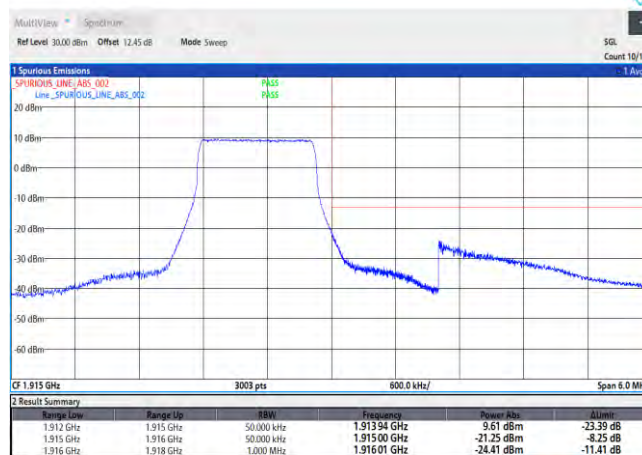
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Band25-1.4MHz-QPSK-26683-1RB#5



12:37:03 12.06.2023

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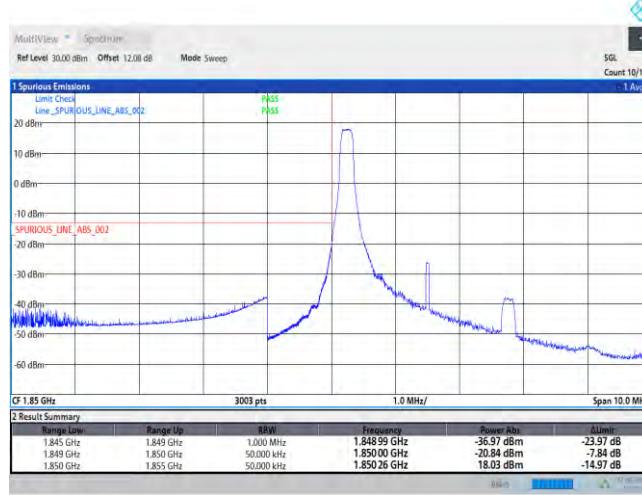
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Band25-3MHz-QPSK-26055-1RB#0



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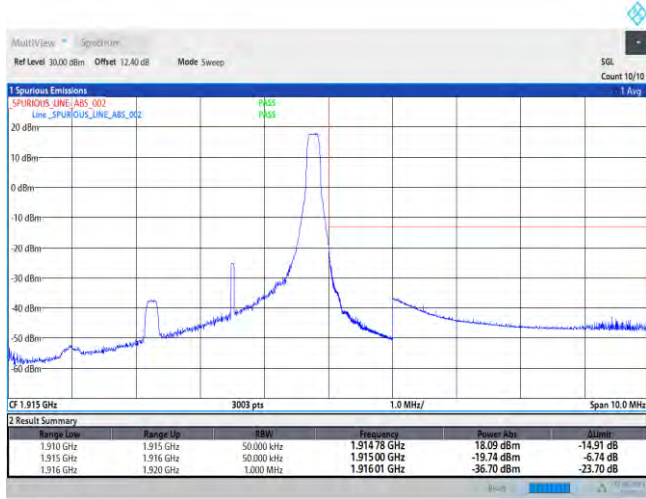
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Band25-3MHz-QPSK-26675-1RB#14



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Band25-3MHz-QPSK-26675-15RB#0



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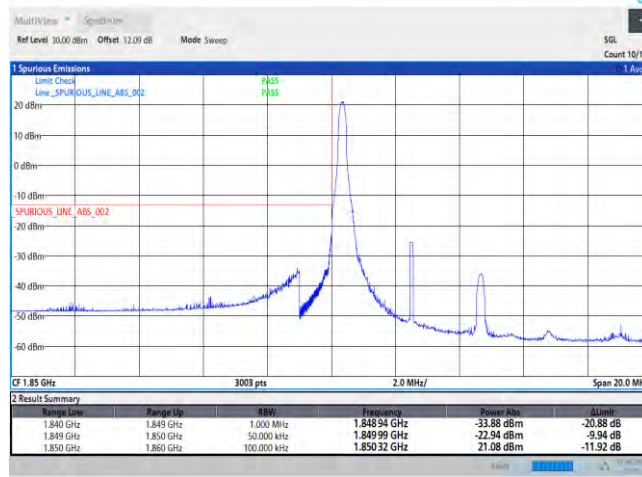


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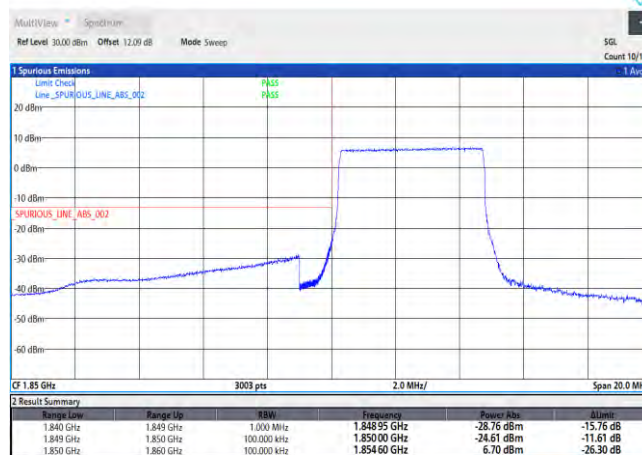


Band25-5MHz-QPSK-26065-1RB#0



12:41:40 12.06.2023

Band25-5MHz-QPSK-26065-25RB#0



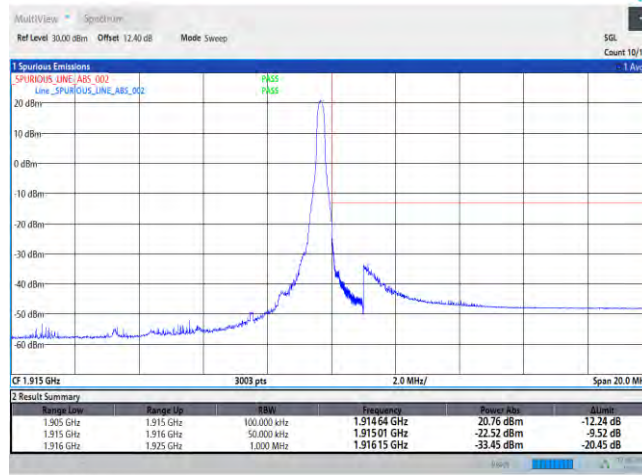
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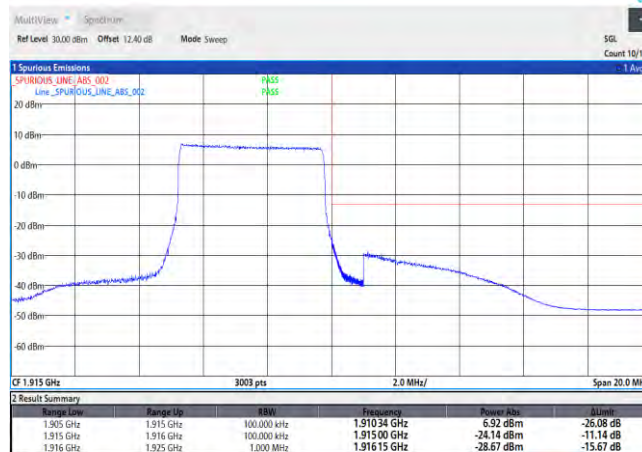
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Band25-5MHz-QPSK-26665-1RB#24



12:42:57 12.06.2023

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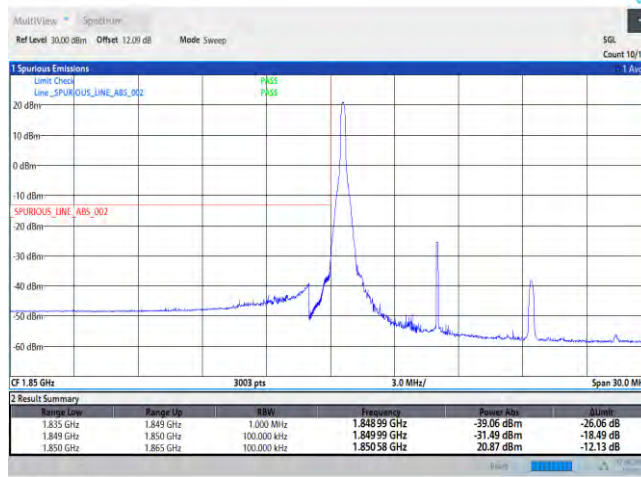
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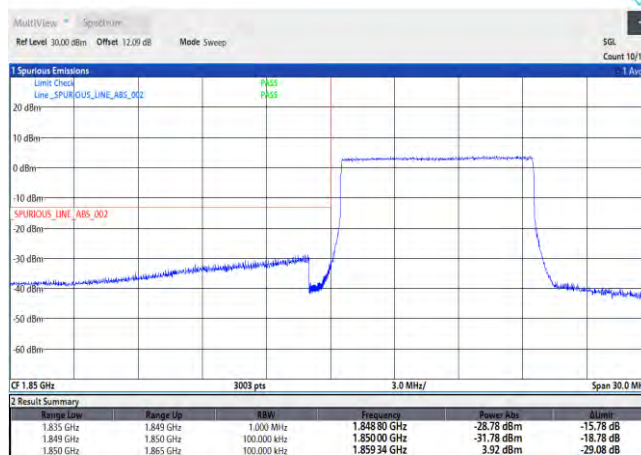
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Band25-10MHz-QPSK-26090-1RB#0



12:44:19 12.06.2023

Band25-10MHz-QPSK-26090-50RB#0



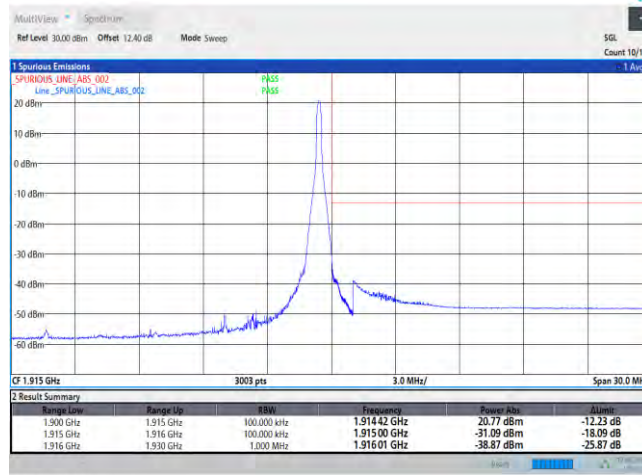
12:44:43 12.06.2023



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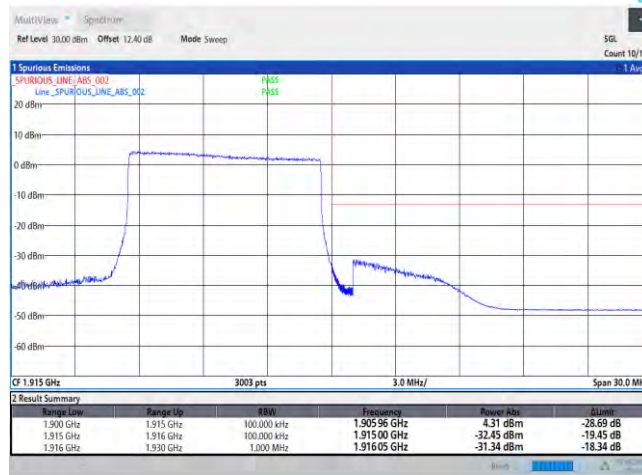
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Band25-10MHz-QPSK-26640-1RB#49



12:45:40 12.06.2023

Band25-10MHz-QPSK-26640-50RB#0



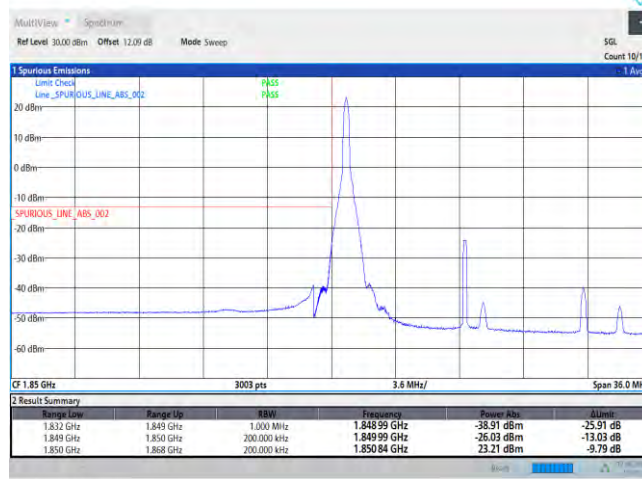
12:46:04 12.06.2023



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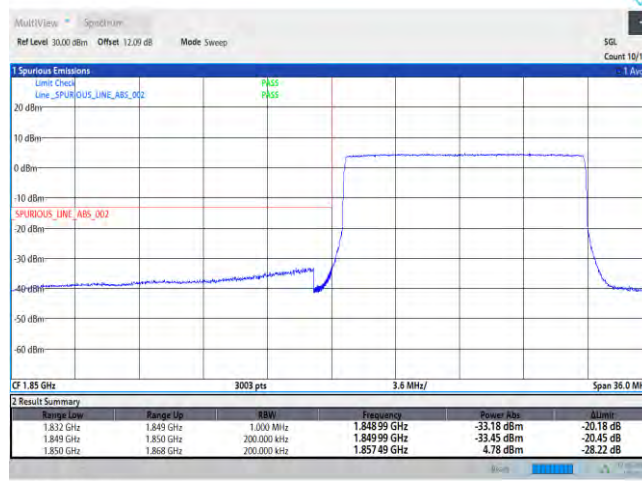
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Band25-15MHz-QPSK-26115-1RB#0



12:47:01 12.06.2023

Band25-15MHz-QPSK-26115-75RB#0



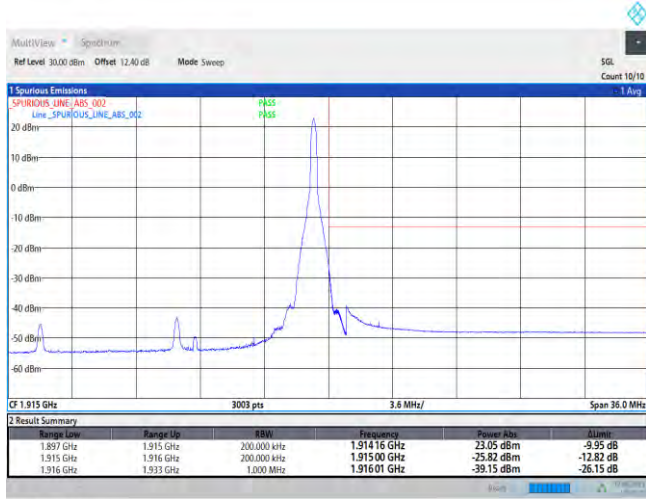
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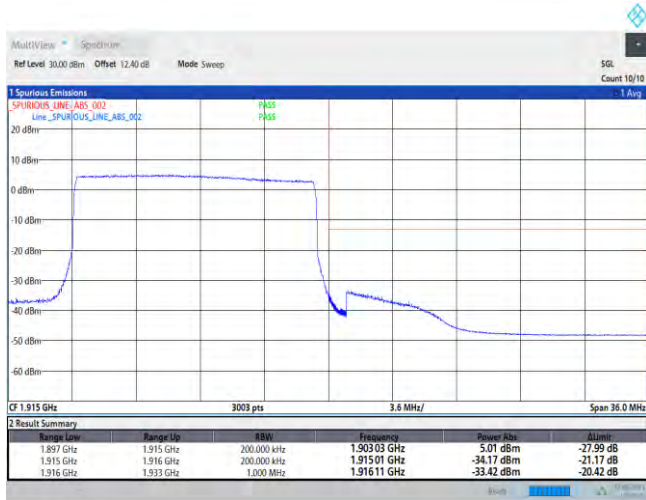
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Band25-15MHz-QPSK-26615-1RB#74



12:48:20 12.06.2023

Band25-15MHz-QPSK-26615-75RB#0



12:48:45 12.06.2023

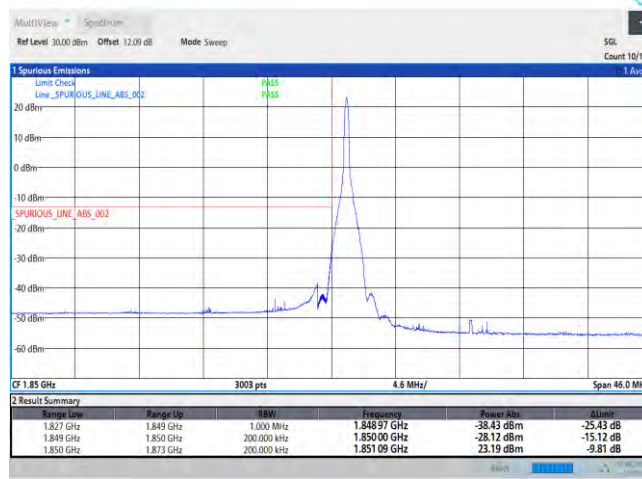


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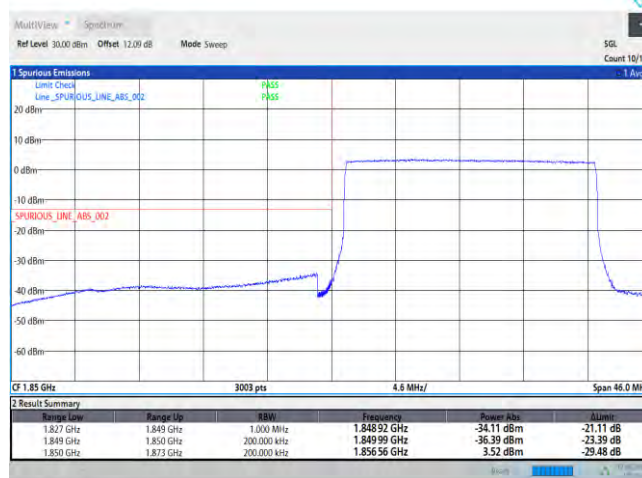
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Band25-20MHz-QPSK-26140-1RB#0



12:49:41 12.06.2023

Band25-20MHz-QPSK-26140-100RB#0



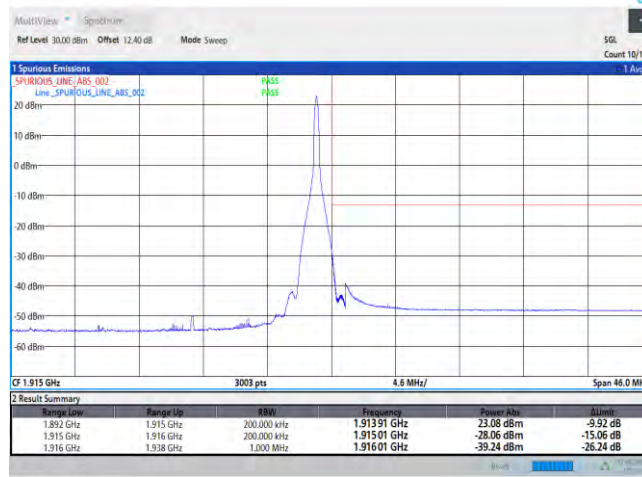
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Band25-20MHz-QPSK-26590-1RB#99



12:51:00 12.06.2023

Band25-20MHz-QPSK-26590-100RB#0



12:51:25 12.06.2023



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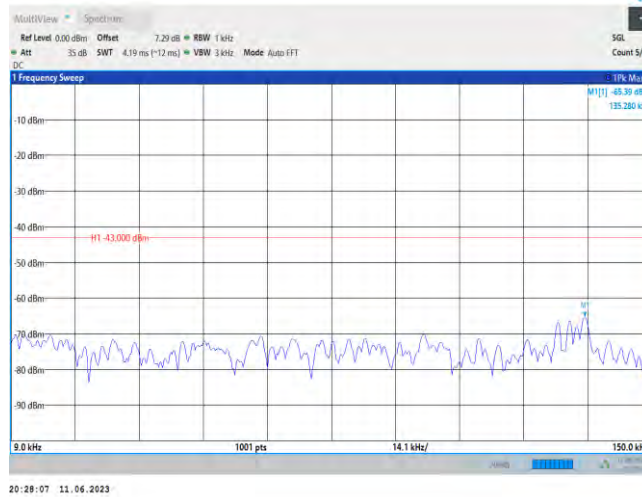
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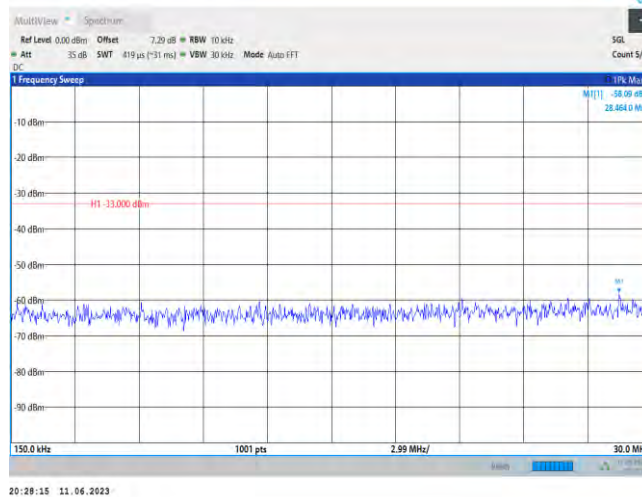
## Conducted Spurious Emission

### Test Graphs

Band25-20MHz-QPSK-26140-1RB#0-Range1:0.009~0.15MHz



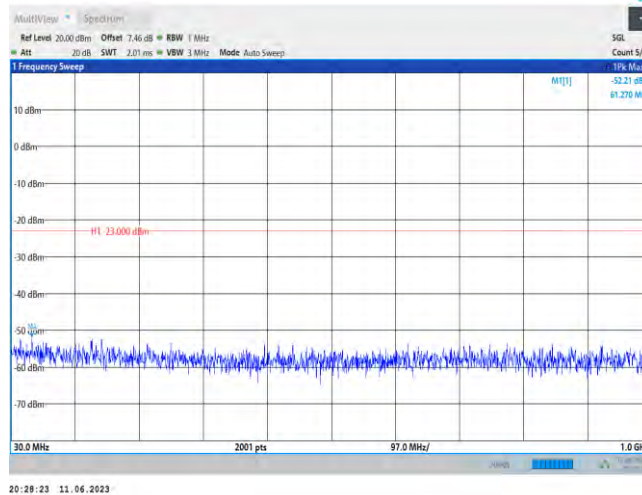
Band25-20MHz-QPSK-26140-1RB#0-Range2:0.15~30MHz



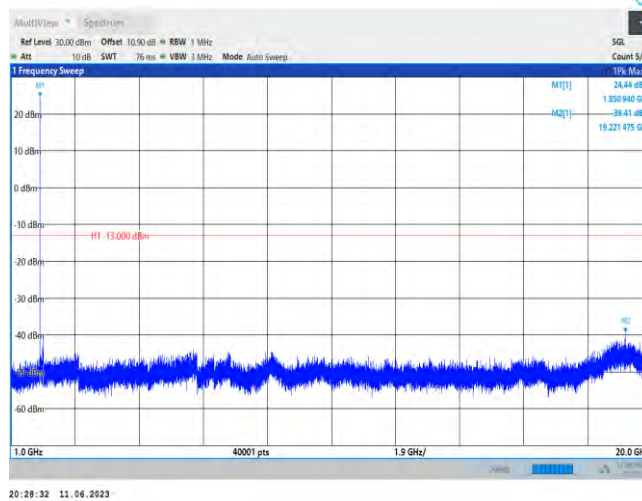
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Band25-20MHz-QPSK-26140-1RB#0-Range3:30~1000MHz



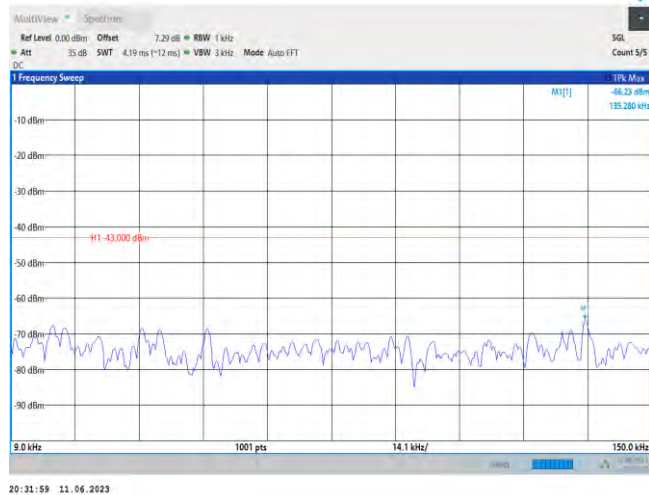
Band25-20MHz-QPSK-26140-1RB#0-Range4:1000~20000MHz



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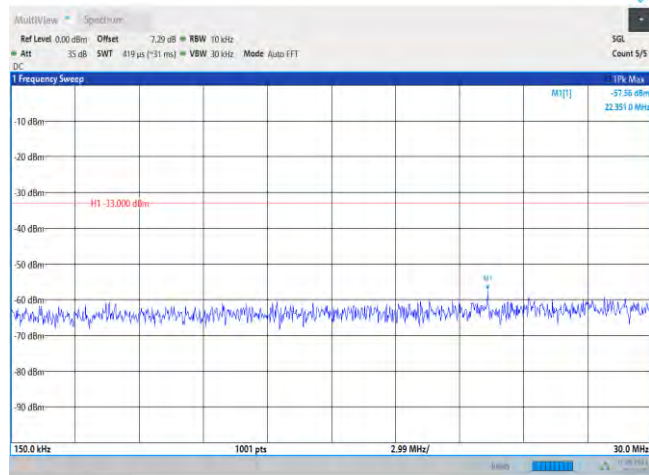
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Band25-20MHz-QPSK-26365-1RB#0-Range1:0.009~0.15MHz



20:31:59 11.06.2023

Band25-20MHz-QPSK-26365-1RB#0-Range2:0.15~30MHz



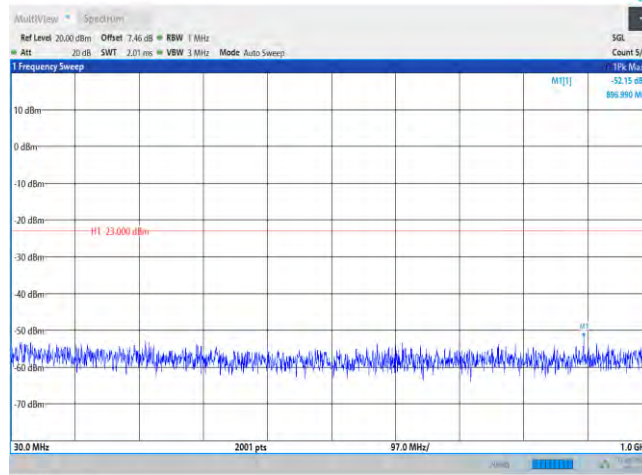
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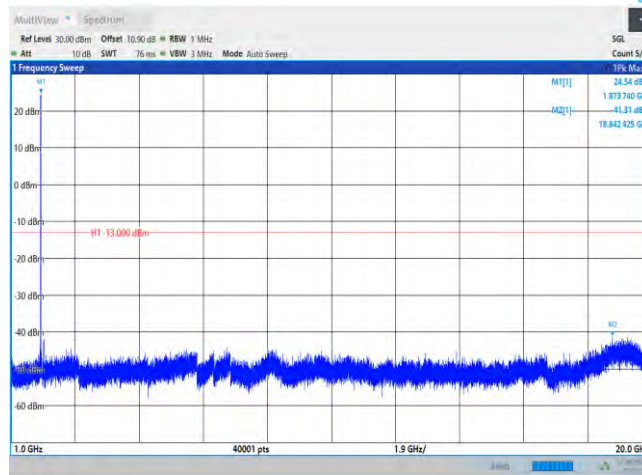
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Band25-20MHz-QPSK-26365-1RB#0-Range3:30~1000MHz



20:32:14 11.06.2023

Band25-20MHz-QPSK-26365-1RB#0-Range4:1000~20000MHz



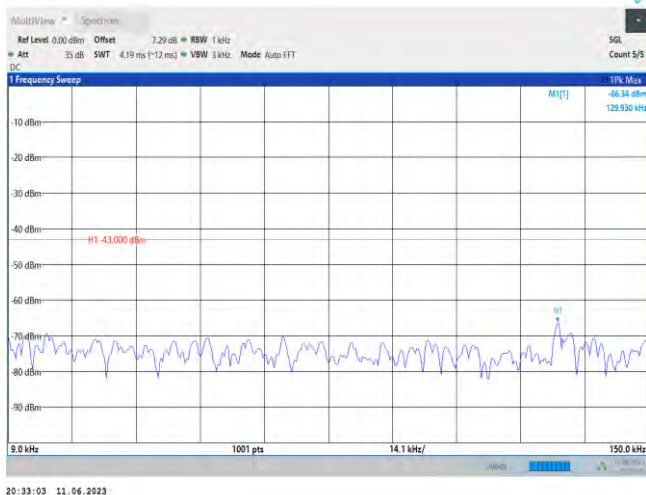
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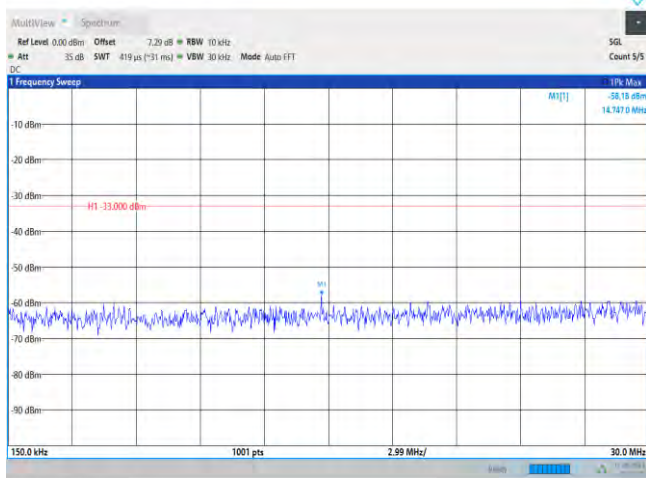
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Band25-20MHz-QPSK-26590-1RB#0-Range1:0.009~0.15MHz



20:33:03 11.06.2023

Band25-20MHz-QPSK-26590-1RB#0-Range2:0.15~30MHz



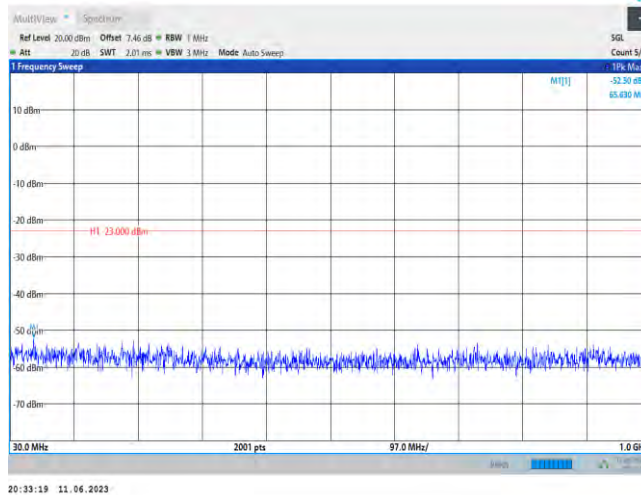
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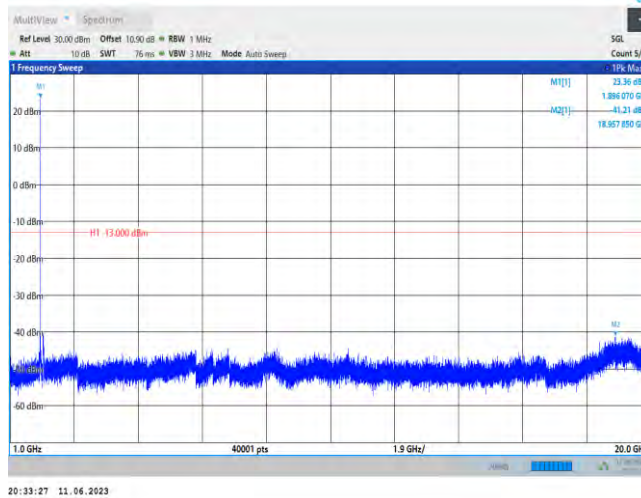
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Band25-20MHz-QPSK-26590-1RB#0-Range3:30~1000MHz



Band25-20MHz-QPSK-26590-1RB#0-Range4:1000~20000MHz



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## Field Strength of Spurious Radiation(Worse)

Test Band = LTE Band25\_ TM1\_20MHz

Test Channel = Low

| Final Data List |                 |                |             |          |             |             |             |             |           |            |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1               | 3702            | 44.45          | -45.51      | 28.80    | -67.52      | -13.00      | 54.52       | 123         | 60        | Horizontal |
| 2               | 5553.2700       | 41.07          | -45.15      | 32.61    | -66.73      | -13.00      | 53.73       | 261         | 300       | Horizontal |
| 3               | 7404.3600       | 40.21          | -43.40      | 36.33    | -62.11      | -13.00      | 49.11       | 258         | 358       | Horizontal |
| 4               | 9255.4500       | 36.81          | -40.23      | 36.79    | -61.90      | -13.00      | 48.90       | 142         | 255       | Horizontal |
| 5               | 11106.5400      | 32.81          | -37.93      | 38.71    | -61.67      | -13.00      | 48.67       | 133         | 359       | Horizontal |
| 6               | 12957.6300      | 31.06          | -37.24      | 39.09    | -62.35      | -13.00      | 49.35       | 169         | 165       | Horizontal |

| Final Data List |                 |                |             |          |             |             |             |             |           |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1               | 3702            | 44.87          | -45.51      | 28.80    | -67.10      | -13.00      | 54.10       | 112         | 316       | Vertical |
| 2               | 5553.2700       | 41.30          | -45.15      | 32.61    | -66.50      | -13.00      | 53.50       | 187         | 1         | Vertical |
| 3               | 7404.3600       | 39.92          | -43.40      | 36.33    | -62.40      | -13.00      | 49.40       | 145         | 356       | Vertical |
| 4               | 9255.4500       | 36.82          | -40.23      | 36.79    | -61.89      | -13.00      | 48.89       | 231         | 0         | Vertical |
| 5               | 11106.5400      | 32.90          | -37.93      | 38.71    | -61.58      | -13.00      | 48.58       | 262         | 150       | Vertical |
| 6               | 12957.6300      | 32.09          | -37.24      | 39.09    | -61.32      | -13.00      | 48.32       | 195         | 270       | Vertical |



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Test Band = LTE Band25\_ TM1\_20MHz

Test Channel = Mid

| Final Data List |                 |                |             |          |             |             |             |             |           |            |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1               | 3742.1800       | 43.63          | -45.68      | 28.84    | -68.47      | -13.00      | 55.47       | 112         | 165       | Horizontal |
| 2               | 5613.2700       | 39.75          | -45.04      | 32.62    | -67.93      | -13.00      | 54.93       | 187         | 271       | Horizontal |
| 3               | 7484.3600       | 38.65          | -43.18      | 36.56    | -63.23      | -13.00      | 50.23       | 163         | 195       | Horizontal |
| 4               | 9355.4500       | 35.36          | -40.00      | 36.98    | -62.93      | -13.00      | 49.93       | 124         | 344       | Horizontal |
| 5               | 11226.5400      | 33.79          | -37.40      | 38.72    | -60.15      | -13.00      | 47.15       | 251         | 359       | Horizontal |
| 6               | 13097.6300      | 31.59          | -37.01      | 39.28    | -61.40      | -13.00      | 48.40       | 159         | 316       | Horizontal |

| Final Data List |                 |                |             |          |             |             |             |             |           |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1               | 3742.1800       | 43.66          | -45.68      | 28.84    | -68.44      | -13.00      | 55.44       | 155         | 0         | Vertical |
| 2               | 5613.2700       | 39.97          | -45.04      | 32.62    | -67.71      | -13.00      | 54.71       | 142         | 0         | Vertical |
| 3               | 7484.3600       | 38.67          | -43.18      | 36.56    | -63.21      | -13.00      | 50.21       | 169         | 197       | Vertical |
| 4               | 9355.4500       | 35.38          | -40.00      | 36.98    | -62.91      | -13.00      | 49.91       | 132         | 212       | Vertical |
| 5               | 11226.5400      | 32.92          | -37.40      | 38.72    | -61.02      | -13.00      | 48.02       | 251         | 106       | Vertical |
| 6               | 13097.6300      | 31.14          | -37.01      | 39.28    | -61.85      | -13.00      | 48.85       | 296         | 8         | Vertical |



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**Test Band = LTE Band25\_ TM1\_20MHz**
**Test Channel = High**

| Final Data List |                 |                |             |          |             |             |             |             |           |            |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1               | 3792            | 43.70          | -45.89      | 28.89    | -68.55      | -13.00      | 55.55       | 158         | 29        | Horizontal |
| 2               | 5688.2700       | 40.34          | -44.87      | 32.64    | -67.16      | -13.00      | 54.16       | 261         | 357       | Horizontal |
| 3               | 7584.3600       | 38.63          | -42.96      | 36.63    | -62.96      | -13.00      | 49.96       | 132         | 360       | Horizontal |
| 4               | 9480.4500       | 34.80          | -40.15      | 37.21    | -63.40      | -13.00      | 50.40       | 154         | 29        | Horizontal |
| 5               | 11376.5400      | 32.92          | -37.38      | 38.74    | -60.98      | -13.00      | 47.98       | 147         | 253       | Horizontal |
| 6               | 13272.6300      | 30.39          | -36.97      | 39.59    | -62.25      | -13.00      | 49.25       | 225         | 90        | Horizontal |

| Final Data List |                 |                |             |          |             |             |             |             |           |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1               | 3792            | 43.22          | -45.89      | 28.89    | -69.03      | -13.00      | 56.03       | 114         | 74        | Vertical |
| 2               | 5688.2700       | 40.15          | -44.87      | 32.64    | -67.35      | -13.00      | 54.35       | 152         | 29        | Vertical |
| 3               | 7584.3600       | 38.06          | -42.96      | 36.63    | -63.53      | -13.00      | 50.53       | 163         | 105       | Vertical |
| 4               | 9480.4500       | 35.05          | -40.15      | 37.21    | -63.15      | -13.00      | 50.15       | 251         | 226       | Vertical |
| 5               | 11376.5400      | 32.48          | -37.38      | 38.74    | -61.42      | -13.00      | 48.42       | 263         | 89        | Vertical |
| 6               | 13272.6300      | 31.02          | -36.97      | 39.59    | -61.62      | -13.00      | 48.62       | 142         | 3         | Vertical |



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Test Band = 25A\_66A\_TM1  
 Test Channel = Low

| Final Data List |                 |                |             |          |             |             |             |             |           |            |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1               | 4240.5          | 42.28          | -45.68      | 29.68    | -68.98      | -13.00      | 55.98       | 244         | 118       | Horizontal |
| 2               | 5868.75         | 41.39          | -44.90      | 32.67    | -66.10      | -13.00      | 53.10       | 196         | 29        | Horizontal |
| 3               | 7011.75         | 40.76          | -43.63      | 35.23    | -62.89      | -13.00      | 49.89       | 156         | 344       | Horizontal |
| 4               | 8765.25         | 39.18          | -41.40      | 36.42    | -61.07      | -13.00      | 48.07       | 147         | 2         | Horizontal |
| 5               | 11215.5         | 34.64          | -37.39      | 38.72    | -59.29      | -13.00      | 46.29       | 152         | 89        | Horizontal |
| 6               | 11942.25        | 34.62          | -37.32      | 38.79    | -59.17      | -13.00      | 46.17       | 106         | 314       | Horizontal |

| Final Data List |                 |                |             |          |             |             |             |             |           |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1               | 5175.75         | 41.27          | -45.30      | 31.82    | -67.47      | -13.00      | 54.47       | 256         | 316       | Vertical |
| 2               | 6124.5          | 40.90          | -44.53      | 33.10    | -65.79      | -13.00      | 52.79       | 148         | 195       | Vertical |
| 3               | 7230            | 40.67          | -43.52      | 35.84    | -62.27      | -13.00      | 49.27       | 172         | 299       | Vertical |
| 4               | 8018.25         | 39.85          | -42.17      | 36.79    | -60.79      | -13.00      | 47.79       | 136         | 209       | Vertical |
| 5               | 9330            | 38.63          | -40.10      | 36.93    | -59.81      | -13.00      | 46.81       | 259         | 360       | Vertical |
| 6               | 10706.25        | 34.59          | -37.93      | 38.55    | -60.04      | -13.00      | 47.04       | 165         | 135       | Vertical |



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Test Band = 25A\_66A\_TM1

Test Channel = Mid

| Final Data List |                 |                |             |          |             |             |             |             |           |            |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1               | 4389            | 42.32          | -45.79      | 30.03    | -68.70      | -13.00      | 55.70       | 248         | 299       | Horizontal |
| 2               | 6120.75         | 41.29          | -44.51      | 33.09    | -65.40      | -13.00      | 52.40       | 174         | 2         | Horizontal |
| 3               | 7421.25         | 41.14          | -43.35      | 36.38    | -61.09      | -13.00      | 48.09       | 186         | 181       | Horizontal |
| 4               | 8381.25         | 39.99          | -41.56      | 36.61    | -60.22      | -13.00      | 47.22       | 159         | 314       | Horizontal |
| 5               | 9408            | 37.53          | -39.86      | 37.08    | -60.52      | -13.00      | 47.52       | 192         | 135       | Horizontal |
| 6               | 11813.25        | 33.98          | -36.96      | 38.78    | -59.46      | -13.00      | 46.46       | 143         | 255       | Horizontal |

| Final Data List |                 |                |             |          |             |             |             |             |           |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1               | 4927.5          | 42.61          | -45.56      | 31.24    | -66.97      | -13.00      | 53.97       | 187         | 300       | Vertical |
| 2               | 6621            | 40.89          | -44.24      | 34.52    | -64.09      | -13.00      | 51.09       | 145         | 255       | Vertical |
| 3               | 8409            | 39.45          | -41.47      | 36.60    | -60.68      | -13.00      | 47.68       | 165         | 283       | Vertical |
| 4               | 9336            | 38.23          | -40.08      | 36.94    | -60.17      | -13.00      | 47.17       | 129         | 57        | Vertical |
| 5               | 10953           | 34.40          | -37.83      | 38.68    | -60.01      | -13.00      | 47.01       | 155         | 194       | Vertical |
| 6               | 12513           | 34.32          | -37.04      | 38.95    | -59.02      | -13.00      | 46.02       | 131         | 342       | Vertical |



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Test Band = 25A\_66A\_TM1

Test Channel = High

| Final Data List |                 |                |             |          |             |             |             |             |           |            |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1               | 4590            | 42.37          | -45.67      | 30.50    | -68.07      | -13.00      | 55.07       | 175         | 29        | Horizontal |
| 2               | 6287.25         | 41.04          | -44.57      | 33.62    | -65.17      | -13.00      | 52.17       | 142         | 0         | Horizontal |
| 3               | 7218.75         | 40.44          | -43.48      | 35.81    | -62.49      | -13.00      | 49.49       | 269         | 164       | Horizontal |
| 4               | 8346.75         | 39.44          | -41.75      | 36.63    | -60.94      | -13.00      | 47.94       | 159         | 75        | Horizontal |
| 5               | 11129.25        | 34.46          | -37.80      | 38.71    | -59.89      | -13.00      | 46.89       | 183         | 29        | Horizontal |
| 6               | 13326           | 34.25          | -36.73      | 39.69    | -58.06      | -13.00      | 45.06       | 231         | 0         | Horizontal |

| Final Data List |                 |                |             |          |             |             |             |             |           |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1               | 4434            | 42.28          | -45.78      | 30.14    | -68.62      | -13.00      | 55.62       | 157         | 353       | Vertical |
| 2               | 5469.75         | 41.44          | -45.26      | 32.53    | -66.55      | -13.00      | 53.55       | 116         | 104       | Vertical |
| 3               | 6594.75         | 40.87          | -44.36      | 34.47    | -64.28      | -13.00      | 51.28       | 213         | 286       | Vertical |
| 4               | 7749.75         | 40.17          | -42.72      | 36.70    | -61.11      | -13.00      | 48.11       | 245         | 16        | Vertical |
| 5               | 8416.5          | 38.87          | -41.48      | 36.59    | -61.28      | -13.00      | 48.28       | 158         | 209       | Vertical |
| 6               | 9981            | 35.99          | -39.26      | 38.16    | -60.36      | -13.00      | 47.36       | 190         | 60        | Vertical |

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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## Frequency Stability

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Verdict |
|--------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|---------|
| Band25 | 20MHz     | QPSK       | 26365   | 100RB#0      | VL            | NT               | -0.90          | -0.000478       | PASS    |
| Band25 | 20MHz     | QPSK       | 26365   | 100RB#0      | VN            | NT               | -1.40          | -0.000744       | PASS    |
| Band25 | 20MHz     | QPSK       | 26365   | 100RB#0      | VH            | NT               | 0.50           | 0.000266        | PASS    |

| Band   | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Verdict |
|--------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|---------|
| Band25 | 20MHz     | QPSK       | 26365   | 100RB#0      | NV            | -30              | -1.10          | -0.000584       | PASS    |
| Band25 | 20MHz     | QPSK       | 26365   | 100RB#0      | NV            | -20              | -1.80          | -0.000956       | PASS    |
| Band25 | 20MHz     | QPSK       | 26365   | 100RB#0      | NV            | -10              | -2.70          | -0.001434       | PASS    |
| Band25 | 20MHz     | QPSK       | 26365   | 100RB#0      | NV            | 0                | 0.40           | 0.000212        | PASS    |
| Band25 | 20MHz     | QPSK       | 26365   | 100RB#0      | NV            | 10               | -0.80          | -0.000425       | PASS    |
| Band25 | 20MHz     | QPSK       | 26365   | 100RB#0      | NV            | 20               | -1.90          | -0.001009       | PASS    |
| Band25 | 20MHz     | QPSK       | 26365   | 100RB#0      | NV            | 30               | -0.20          | -0.000106       | PASS    |
| Band25 | 20MHz     | QPSK       | 26365   | 100RB#0      | NV            | 40               | -0.90          | -0.000478       | PASS    |
| Band25 | 20MHz     | QPSK       | 26365   | 100RB#0      | NV            | 50               | -3.80          | -0.002019       | PASS    |

---End of Attachment---



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