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# Appendix B.13

## LTE Band 38



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## Effective (Isotropic) Radiated Power Output Data

### Test ResultAnt7

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | EIRP(dBm) | Limit(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|-----------|------------|---------|
| Band38 | 5MHz      | QPSK       | 37775   | 1RB#0            | 25.53       | 27.22     | 33         | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 1RB#12           | 25.53       | 27.22     | 33         | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 1RB#24           | 25.21       | 26.9      | 33         | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 25RB#0           | 24.17       | 25.86     | 33         | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 1RB#0            | 25.34       | 27.03     | 33         | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 1RB#12           | 25.29       | 26.98     | 33         | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 1RB#24           | 25.11       | 26.8      | 33         | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 25RB#0           | 24.16       | 25.85     | 33         | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 1RB#0            | 25.55       | 27.24     | 33         | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 1RB#12           | 25.23       | 26.92     | 33         | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 1RB#24           | 24.98       | 26.67     | 33         | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 25RB#0           | 24.21       | 25.9      | 33         | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 1RB#0            | 24.46       | 26.15     | 33         | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 1RB#12           | 24.34       | 26.03     | 33         | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 1RB#24           | 24.21       | 25.9      | 33         | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 25RB#0           | 23.14       | 24.83     | 33         | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 1RB#0            | 24.44       | 26.13     | 33         | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 1RB#12           | 24.58       | 26.27     | 33         | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 1RB#24           | 24.3        | 25.99     | 33         | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 25RB#0           | 23.13       | 24.82     | 33         | PASS    |
| Band38 | 5MHz      | 16QAM      | 38225   | 1RB#0            | 24.52       | 26.21     | 33         | PASS    |
| Band38 | 5MHz      | 16QAM      | 38225   | 1RB#12           | 24.41       | 26.1      | 33         | PASS    |
| Band38 | 5MHz      | 16QAM      | 38225   | 1RB#24           | 24.33       | 26.02     | 33         | PASS    |
| Band38 | 5MHz      | 16QAM      | 38225   | 25RB#0           | 23.31       | 25        | 33         | PASS    |
| Band38 | 5MHz      | 64QAM      | 37775   | 1RB#0            | 23.27       | 24.96     | 33         | PASS    |
| Band38 | 5MHz      | 64QAM      | 37775   | 1RB#12           | 23.26       | 24.95     | 33         | PASS    |
| Band38 | 5MHz      | 64QAM      | 37775   | 1RB#24           | 23.12       | 24.81     | 33         | PASS    |



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|--------|-------|--------|-------|--------|-------|-------|----|------|
| Band38 | 5MHz  | 64QAM  | 37775 | 25RB#0 | 22.25 | 23.94 | 33 | PASS |
| Band38 | 5MHz  | 64QAM  | 38000 | 1RB#0  | 23.16 | 24.85 | 33 | PASS |
| Band38 | 5MHz  | 64QAM  | 38000 | 1RB#12 | 23.18 | 24.87 | 33 | PASS |
| Band38 | 5MHz  | 64QAM  | 38000 | 1RB#24 | 23.03 | 24.72 | 33 | PASS |
| Band38 | 5MHz  | 64QAM  | 38000 | 25RB#0 | 22.34 | 24.03 | 33 | PASS |
| Band38 | 5MHz  | 64QAM  | 38225 | 1RB#0  | 23.32 | 25.01 | 33 | PASS |
| Band38 | 5MHz  | 64QAM  | 38225 | 1RB#12 | 23.36 | 25.05 | 33 | PASS |
| Band38 | 5MHz  | 64QAM  | 38225 | 1RB#24 | 23.18 | 24.87 | 33 | PASS |
| Band38 | 5MHz  | 64QAM  | 38225 | 25RB#0 | 22.35 | 24.04 | 33 | PASS |
| Band38 | 5MHz  | 256QAM | 37775 | 1RB#0  | 20.33 | 22.02 | 33 | PASS |
| Band38 | 5MHz  | 256QAM | 37775 | 1RB#12 | 20.33 | 22.02 | 33 | PASS |
| Band38 | 5MHz  | 256QAM | 37775 | 1RB#24 | 20.12 | 21.81 | 33 | PASS |
| Band38 | 5MHz  | 256QAM | 37775 | 25RB#0 | 20.25 | 21.94 | 33 | PASS |
| Band38 | 5MHz  | 256QAM | 38000 | 1RB#0  | 20.44 | 22.13 | 33 | PASS |
| Band38 | 5MHz  | 256QAM | 38000 | 1RB#12 | 20.36 | 22.05 | 33 | PASS |
| Band38 | 5MHz  | 256QAM | 38000 | 1RB#24 | 20.04 | 21.73 | 33 | PASS |
| Band38 | 5MHz  | 256QAM | 38000 | 25RB#0 | 20.27 | 21.96 | 33 | PASS |
| Band38 | 5MHz  | 256QAM | 38225 | 1RB#0  | 20.27 | 21.96 | 33 | PASS |
| Band38 | 5MHz  | 256QAM | 38225 | 1RB#12 | 20.23 | 21.92 | 33 | PASS |
| Band38 | 5MHz  | 256QAM | 38225 | 1RB#24 | 20.15 | 21.84 | 33 | PASS |
| Band38 | 5MHz  | 256QAM | 38225 | 25RB#0 | 20.39 | 22.08 | 33 | PASS |
| Band38 | 10MHz | QPSK   | 37800 | 1RB#0  | 25.28 | 26.97 | 33 | PASS |
| Band38 | 10MHz | QPSK   | 37800 | 1RB#24 | 25.34 | 27.03 | 33 | PASS |
| Band38 | 10MHz | QPSK   | 37800 | 1RB#49 | 25.15 | 26.84 | 33 | PASS |
| Band38 | 10MHz | QPSK   | 37800 | 50RB#0 | 24.38 | 26.07 | 33 | PASS |
| Band38 | 10MHz | QPSK   | 38000 | 1RB#0  | 25.6  | 27.29 | 33 | PASS |
| Band38 | 10MHz | QPSK   | 38000 | 1RB#24 | 25.42 | 27.11 | 33 | PASS |
| Band38 | 10MHz | QPSK   | 38000 | 1RB#49 | 25.29 | 26.98 | 33 | PASS |
| Band38 | 10MHz | QPSK   | 38000 | 50RB#0 | 24.35 | 26.04 | 33 | PASS |
| Band38 | 10MHz | QPSK   | 38200 | 1RB#0  | 25.7  | 27.39 | 33 | PASS |
| Band38 | 10MHz | QPSK   | 38200 | 1RB#24 | 25.33 | 27.02 | 33 | PASS |
| Band38 | 10MHz | QPSK   | 38200 | 1RB#49 | 25.26 | 26.95 | 33 | PASS |



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|--------|-------|--------|-------|--------|-------|-------|----|------|
| Band38 | 10MHz | QPSK   | 38200 | 50RB#0 | 24.46 | 26.15 | 33 | PASS |
| Band38 | 10MHz | 16QAM  | 37800 | 1RB#0  | 24.59 | 26.28 | 33 | PASS |
| Band38 | 10MHz | 16QAM  | 37800 | 1RB#24 | 24.54 | 26.23 | 33 | PASS |
| Band38 | 10MHz | 16QAM  | 37800 | 1RB#49 | 24.43 | 26.12 | 33 | PASS |
| Band38 | 10MHz | 16QAM  | 37800 | 50RB#0 | 23.4  | 25.09 | 33 | PASS |
| Band38 | 10MHz | 16QAM  | 38000 | 1RB#0  | 24.58 | 26.27 | 33 | PASS |
| Band38 | 10MHz | 16QAM  | 38000 | 1RB#24 | 24.6  | 26.29 | 33 | PASS |
| Band38 | 10MHz | 16QAM  | 38000 | 1RB#49 | 24.48 | 26.17 | 33 | PASS |
| Band38 | 10MHz | 16QAM  | 38000 | 50RB#0 | 23.39 | 25.08 | 33 | PASS |
| Band38 | 10MHz | 16QAM  | 38200 | 1RB#0  | 24.6  | 26.29 | 33 | PASS |
| Band38 | 10MHz | 16QAM  | 38200 | 1RB#24 | 24.54 | 26.23 | 33 | PASS |
| Band38 | 10MHz | 16QAM  | 38200 | 1RB#49 | 24.51 | 26.2  | 33 | PASS |
| Band38 | 10MHz | 16QAM  | 38200 | 50RB#0 | 23.45 | 25.14 | 33 | PASS |
| Band38 | 10MHz | 64QAM  | 37800 | 1RB#0  | 23.44 | 25.13 | 33 | PASS |
| Band38 | 10MHz | 64QAM  | 37800 | 1RB#24 | 23.48 | 25.17 | 33 | PASS |
| Band38 | 10MHz | 64QAM  | 37800 | 1RB#49 | 23.24 | 24.93 | 33 | PASS |
| Band38 | 10MHz | 64QAM  | 37800 | 50RB#0 | 22.42 | 24.11 | 33 | PASS |
| Band38 | 10MHz | 64QAM  | 38000 | 1RB#0  | 23.32 | 25.01 | 33 | PASS |
| Band38 | 10MHz | 64QAM  | 38000 | 1RB#24 | 23.5  | 25.19 | 33 | PASS |
| Band38 | 10MHz | 64QAM  | 38000 | 1RB#49 | 23.4  | 25.09 | 33 | PASS |
| Band38 | 10MHz | 64QAM  | 38000 | 50RB#0 | 22.49 | 24.18 | 33 | PASS |
| Band38 | 10MHz | 64QAM  | 38200 | 1RB#0  | 23.43 | 25.12 | 33 | PASS |
| Band38 | 10MHz | 64QAM  | 38200 | 1RB#24 | 23.34 | 25.03 | 33 | PASS |
| Band38 | 10MHz | 64QAM  | 38200 | 1RB#49 | 23.4  | 25.09 | 33 | PASS |
| Band38 | 10MHz | 64QAM  | 38200 | 50RB#0 | 22.42 | 24.11 | 33 | PASS |
| Band38 | 10MHz | 256QAM | 37800 | 1RB#0  | 20.48 | 22.17 | 33 | PASS |
| Band38 | 10MHz | 256QAM | 37800 | 1RB#24 | 20.54 | 22.23 | 33 | PASS |
| Band38 | 10MHz | 256QAM | 37800 | 1RB#49 | 20.31 | 22    | 33 | PASS |
| Band38 | 10MHz | 256QAM | 37800 | 50RB#0 | 20.59 | 22.28 | 33 | PASS |
| Band38 | 10MHz | 256QAM | 38000 | 1RB#0  | 20.46 | 22.15 | 33 | PASS |
| Band38 | 10MHz | 256QAM | 38000 | 1RB#24 | 20.41 | 22.1  | 33 | PASS |
| Band38 | 10MHz | 256QAM | 38000 | 1RB#49 | 20.34 | 22.03 | 33 | PASS |



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|--------|-------|--------|-------|--------|-------|-------|----|------|
| Band38 | 10MHz | 256QAM | 38000 | 50RB#0 | 20.6  | 22.29 | 33 | PASS |
| Band38 | 10MHz | 256QAM | 38200 | 1RB#0  | 20.49 | 22.18 | 33 | PASS |
| Band38 | 10MHz | 256QAM | 38200 | 1RB#24 | 20.52 | 22.21 | 33 | PASS |
| Band38 | 10MHz | 256QAM | 38200 | 1RB#49 | 20.35 | 22.04 | 33 | PASS |
| Band38 | 10MHz | 256QAM | 38200 | 50RB#0 | 20.52 | 22.21 | 33 | PASS |
| Band38 | 15MHz | QPSK   | 37825 | 1RB#0  | 25.35 | 27.04 | 33 | PASS |
| Band38 | 15MHz | QPSK   | 37825 | 1RB#38 | 25.41 | 27.1  | 33 | PASS |
| Band38 | 15MHz | QPSK   | 37825 | 1RB#74 | 25.39 | 27.08 | 33 | PASS |
| Band38 | 15MHz | QPSK   | 37825 | 75RB#0 | 24.55 | 26.24 | 33 | PASS |
| Band38 | 15MHz | QPSK   | 38000 | 1RB#0  | 25.44 | 27.13 | 33 | PASS |
| Band38 | 15MHz | QPSK   | 38000 | 1RB#38 | 25.34 | 27.03 | 33 | PASS |
| Band38 | 15MHz | QPSK   | 38000 | 1RB#74 | 25.32 | 27.01 | 33 | PASS |
| Band38 | 15MHz | QPSK   | 38000 | 75RB#0 | 24.42 | 26.11 | 33 | PASS |
| Band38 | 15MHz | QPSK   | 38175 | 1RB#0  | 25.65 | 27.34 | 33 | PASS |
| Band38 | 15MHz | QPSK   | 38175 | 1RB#38 | 25.39 | 27.08 | 33 | PASS |
| Band38 | 15MHz | QPSK   | 38175 | 1RB#74 | 25.46 | 27.15 | 33 | PASS |
| Band38 | 15MHz | QPSK   | 38175 | 75RB#0 | 24.4  | 26.09 | 33 | PASS |
| Band38 | 15MHz | 16QAM  | 37825 | 1RB#0  | 24.56 | 26.25 | 33 | PASS |
| Band38 | 15MHz | 16QAM  | 37825 | 1RB#38 | 24.43 | 26.12 | 33 | PASS |
| Band38 | 15MHz | 16QAM  | 37825 | 1RB#74 | 24.59 | 26.28 | 33 | PASS |
| Band38 | 15MHz | 16QAM  | 37825 | 75RB#0 | 23.55 | 25.24 | 33 | PASS |
| Band38 | 15MHz | 16QAM  | 38000 | 1RB#0  | 24.54 | 26.23 | 33 | PASS |
| Band38 | 15MHz | 16QAM  | 38000 | 1RB#38 | 24.54 | 26.23 | 33 | PASS |
| Band38 | 15MHz | 16QAM  | 38000 | 1RB#74 | 24.51 | 26.2  | 33 | PASS |
| Band38 | 15MHz | 16QAM  | 38000 | 75RB#0 | 23.52 | 25.21 | 33 | PASS |
| Band38 | 15MHz | 16QAM  | 38175 | 1RB#0  | 24.69 | 26.38 | 33 | PASS |
| Band38 | 15MHz | 16QAM  | 38175 | 1RB#38 | 24.64 | 26.33 | 33 | PASS |
| Band38 | 15MHz | 16QAM  | 38175 | 1RB#74 | 24.65 | 26.34 | 33 | PASS |
| Band38 | 15MHz | 16QAM  | 38175 | 75RB#0 | 23.48 | 25.17 | 33 | PASS |
| Band38 | 15MHz | 64QAM  | 37825 | 1RB#0  | 23.44 | 25.13 | 33 | PASS |
| Band38 | 15MHz | 64QAM  | 37825 | 1RB#38 | 23.29 | 24.98 | 33 | PASS |
| Band38 | 15MHz | 64QAM  | 37825 | 1RB#74 | 23.46 | 25.15 | 33 | PASS |



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| Band38 | 15MHz | 64QAM  | 37825 | 75RB#0  | 22.63 | 24.32 | 33 | PASS |
| Band38 | 15MHz | 64QAM  | 38000 | 1RB#0   | 23.42 | 25.11 | 33 | PASS |
| Band38 | 15MHz | 64QAM  | 38000 | 1RB#38  | 23.28 | 24.97 | 33 | PASS |
| Band38 | 15MHz | 64QAM  | 38000 | 1RB#74  | 23.46 | 25.15 | 33 | PASS |
| Band38 | 15MHz | 64QAM  | 38000 | 75RB#0  | 22.39 | 24.08 | 33 | PASS |
| Band38 | 15MHz | 64QAM  | 38175 | 1RB#0   | 23.4  | 25.09 | 33 | PASS |
| Band38 | 15MHz | 64QAM  | 38175 | 1RB#38  | 23.25 | 24.94 | 33 | PASS |
| Band38 | 15MHz | 64QAM  | 38175 | 1RB#74  | 23.55 | 25.24 | 33 | PASS |
| Band38 | 15MHz | 64QAM  | 38175 | 75RB#0  | 22.49 | 24.18 | 33 | PASS |
| Band38 | 15MHz | 256QAM | 37825 | 1RB#0   | 20.51 | 22.2  | 33 | PASS |
| Band38 | 15MHz | 256QAM | 37825 | 1RB#38  | 20.4  | 22.09 | 33 | PASS |
| Band38 | 15MHz | 256QAM | 37825 | 1RB#74  | 20.43 | 22.12 | 33 | PASS |
| Band38 | 15MHz | 256QAM | 37825 | 75RB#0  | 20.6  | 22.29 | 33 | PASS |
| Band38 | 15MHz | 256QAM | 38000 | 1RB#0   | 20.52 | 22.21 | 33 | PASS |
| Band38 | 15MHz | 256QAM | 38000 | 1RB#38  | 20.43 | 22.12 | 33 | PASS |
| Band38 | 15MHz | 256QAM | 38000 | 1RB#74  | 20.49 | 22.18 | 33 | PASS |
| Band38 | 15MHz | 256QAM | 38000 | 75RB#0  | 20.58 | 22.27 | 33 | PASS |
| Band38 | 15MHz | 256QAM | 38175 | 1RB#0   | 20.36 | 22.05 | 33 | PASS |
| Band38 | 15MHz | 256QAM | 38175 | 1RB#38  | 20.48 | 22.17 | 33 | PASS |
| Band38 | 15MHz | 256QAM | 38175 | 1RB#74  | 20.47 | 22.16 | 33 | PASS |
| Band38 | 15MHz | 256QAM | 38175 | 75RB#0  | 20.37 | 22.06 | 33 | PASS |
| Band38 | 20MHz | QPSK   | 37850 | 1RB#0   | 25.19 | 26.88 | 33 | PASS |
| Band38 | 20MHz | QPSK   | 37850 | 1RB#49  | 25.19 | 26.88 | 33 | PASS |
| Band38 | 20MHz | QPSK   | 37850 | 1RB#99  | 25.41 | 27.1  | 33 | PASS |
| Band38 | 20MHz | QPSK   | 37850 | 100RB#0 | 24.37 | 26.06 | 33 | PASS |
| Band38 | 20MHz | QPSK   | 38000 | 1RB#0   | 25.65 | 27.34 | 33 | PASS |
| Band38 | 20MHz | QPSK   | 38000 | 1RB#49  | 25.4  | 27.09 | 33 | PASS |
| Band38 | 20MHz | QPSK   | 38000 | 1RB#99  | 25.3  | 26.99 | 33 | PASS |
| Band38 | 20MHz | QPSK   | 38000 | 100RB#0 | 24.36 | 26.05 | 33 | PASS |
| Band38 | 20MHz | QPSK   | 38150 | 1RB#0   | 25.67 | 27.36 | 33 | PASS |
| Band38 | 20MHz | QPSK   | 38150 | 1RB#49  | 25.37 | 27.06 | 33 | PASS |
| Band38 | 20MHz | QPSK   | 38150 | 1RB#99  | 25.35 | 27.04 | 33 | PASS |



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|--------|-------|--------|-------|---------|-------|-------|----|------|
| Band38 | 20MHz | QPSK   | 38150 | 100RB#0 | 24.55 | 26.24 | 33 | PASS |
| Band38 | 20MHz | 16QAM  | 37850 | 1RB#0   | 24.53 | 26.22 | 33 | PASS |
| Band38 | 20MHz | 16QAM  | 37850 | 1RB#49  | 24.62 | 26.31 | 33 | PASS |
| Band38 | 20MHz | 16QAM  | 37850 | 1RB#99  | 24.74 | 26.43 | 33 | PASS |
| Band38 | 20MHz | 16QAM  | 37850 | 100RB#0 | 23.48 | 25.17 | 33 | PASS |
| Band38 | 20MHz | 16QAM  | 38000 | 1RB#0   | 24.58 | 26.27 | 33 | PASS |
| Band38 | 20MHz | 16QAM  | 38000 | 1RB#49  | 24.62 | 26.31 | 33 | PASS |
| Band38 | 20MHz | 16QAM  | 38000 | 1RB#99  | 24.52 | 26.21 | 33 | PASS |
| Band38 | 20MHz | 16QAM  | 38000 | 100RB#0 | 23.51 | 25.2  | 33 | PASS |
| Band38 | 20MHz | 16QAM  | 38150 | 1RB#0   | 24.67 | 26.36 | 33 | PASS |
| Band38 | 20MHz | 16QAM  | 38150 | 1RB#49  | 24.65 | 26.34 | 33 | PASS |
| Band38 | 20MHz | 16QAM  | 38150 | 1RB#99  | 24.79 | 26.48 | 33 | PASS |
| Band38 | 20MHz | 16QAM  | 38150 | 100RB#0 | 23.52 | 25.21 | 33 | PASS |
| Band38 | 20MHz | 64QAM  | 37850 | 1RB#0   | 23.39 | 25.08 | 33 | PASS |
| Band38 | 20MHz | 64QAM  | 37850 | 1RB#49  | 23.23 | 24.92 | 33 | PASS |
| Band38 | 20MHz | 64QAM  | 37850 | 1RB#99  | 23.49 | 25.18 | 33 | PASS |
| Band38 | 20MHz | 64QAM  | 37850 | 100RB#0 | 22.42 | 24.11 | 33 | PASS |
| Band38 | 20MHz | 64QAM  | 38000 | 1RB#0   | 23.3  | 24.99 | 33 | PASS |
| Band38 | 20MHz | 64QAM  | 38000 | 1RB#49  | 23.38 | 25.07 | 33 | PASS |
| Band38 | 20MHz | 64QAM  | 38000 | 1RB#99  | 23.4  | 25.09 | 33 | PASS |
| Band38 | 20MHz | 64QAM  | 38000 | 100RB#0 | 22.43 | 24.12 | 33 | PASS |
| Band38 | 20MHz | 64QAM  | 38150 | 1RB#0   | 23.41 | 25.1  | 33 | PASS |
| Band38 | 20MHz | 64QAM  | 38150 | 1RB#49  | 23.45 | 25.14 | 33 | PASS |
| Band38 | 20MHz | 64QAM  | 38150 | 1RB#99  | 23.52 | 25.21 | 33 | PASS |
| Band38 | 20MHz | 64QAM  | 38150 | 100RB#0 | 22.56 | 24.25 | 33 | PASS |
| Band38 | 20MHz | 256QAM | 37850 | 1RB#0   | 20.37 | 22.06 | 33 | PASS |
| Band38 | 20MHz | 256QAM | 37850 | 1RB#49  | 20.42 | 22.11 | 33 | PASS |
| Band38 | 20MHz | 256QAM | 37850 | 1RB#99  | 20.41 | 22.1  | 33 | PASS |
| Band38 | 20MHz | 256QAM | 37850 | 100RB#0 | 20.64 | 22.33 | 33 | PASS |
| Band38 | 20MHz | 256QAM | 38000 | 1RB#0   | 20.53 | 22.22 | 33 | PASS |
| Band38 | 20MHz | 256QAM | 38000 | 1RB#49  | 20.48 | 22.17 | 33 | PASS |
| Band38 | 20MHz | 256QAM | 38000 | 1RB#99  | 20.63 | 22.32 | 33 | PASS |



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|--------|-------|--------|-------|---------|-------|-------|----|------|
| Band38 | 20MHz | 256QAM | 38000 | 100RB#0 | 20.54 | 22.23 | 33 | PASS |
| Band38 | 20MHz | 256QAM | 38150 | 1RB#0   | 20.35 | 22.04 | 33 | PASS |
| Band38 | 20MHz | 256QAM | 38150 | 1RB#49  | 20.48 | 22.17 | 33 | PASS |
| Band38 | 20MHz | 256QAM | 38150 | 1RB#99  | 20.54 | 22.23 | 33 | PASS |
| Band38 | 20MHz | 256QAM | 38150 | 100RB#0 | 20.57 | 22.26 | 33 | PASS |



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## Peak-to-Average Ratio(CCDF)

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band38 | 20MHz     | QPSK       | 37850   | 100RB#0          | 8.96       | 13        | PASS    |
| Band38 | 20MHz     | QPSK       | 38000   | 100RB#0          | 9.04       | 13        | PASS    |
| Band38 | 20MHz     | QPSK       | 38150   | 100RB#0          | 8.88       | 13        | PASS    |
| Band38 | 20MHz     | 16QAM      | 37850   | 100RB#0          | 9.58       | 13        | PASS    |
| Band38 | 20MHz     | 16QAM      | 38000   | 100RB#0          | 9.60       | 13        | PASS    |
| Band38 | 20MHz     | 16QAM      | 38150   | 100RB#0          | 9.66       | 13        | PASS    |
| Band38 | 20MHz     | 64QAM      | 37850   | 100RB#0          | 9.86       | 13        | PASS    |
| Band38 | 20MHz     | 64QAM      | 38000   | 100RB#0          | 9.90       | 13        | PASS    |
| Band38 | 20MHz     | 64QAM      | 38150   | 100RB#0          | 9.70       | 13        | PASS    |
| Band38 | 20MHz     | 256QAM     | 37850   | 100RB#0          | 10.22      | 13        | PASS    |
| Band38 | 20MHz     | 256QAM     | 38000   | 100RB#0          | 10.20      | 13        | PASS    |
| Band38 | 20MHz     | 256QAM     | 38150   | 100RB#0          | 10.26      | 13        | PASS    |



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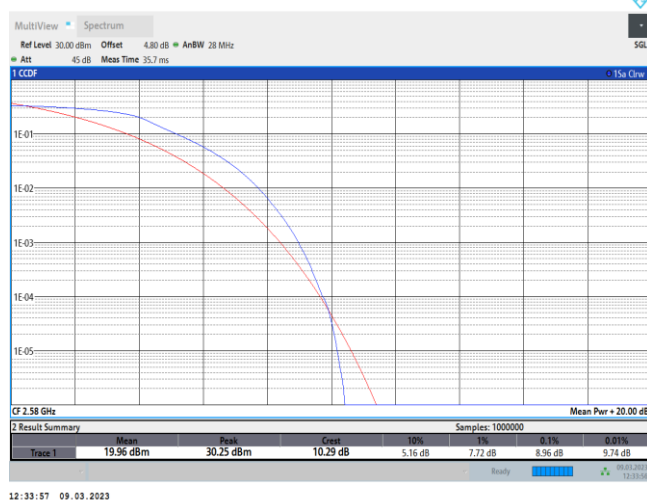
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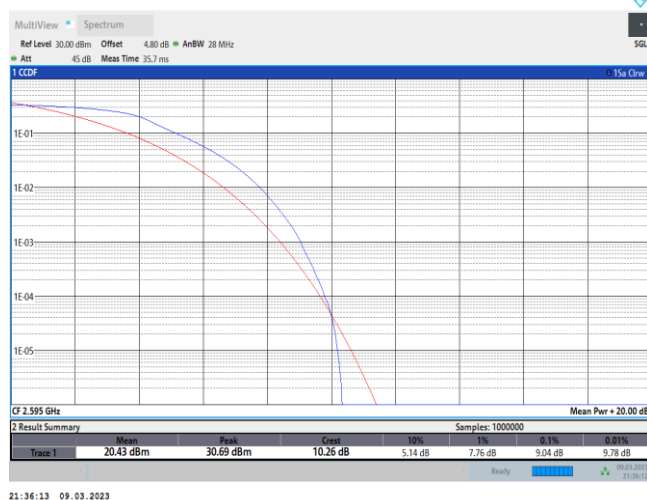
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## Test Graphs

Band38-20MHz-QPSK-37850-100RB#0



Band38-20MHz-QPSK-38000-100RB#0



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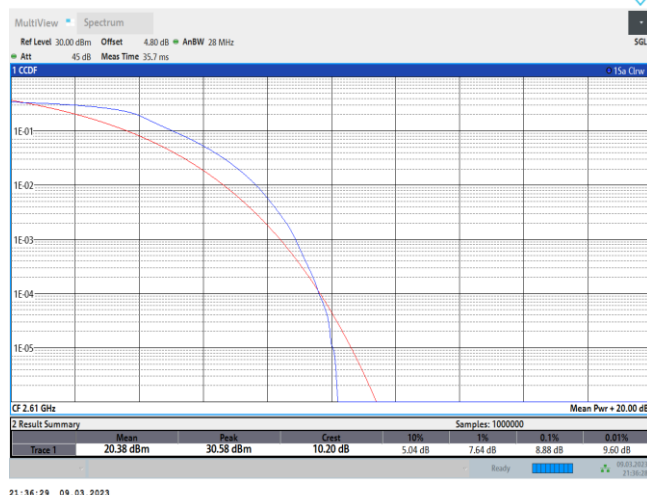
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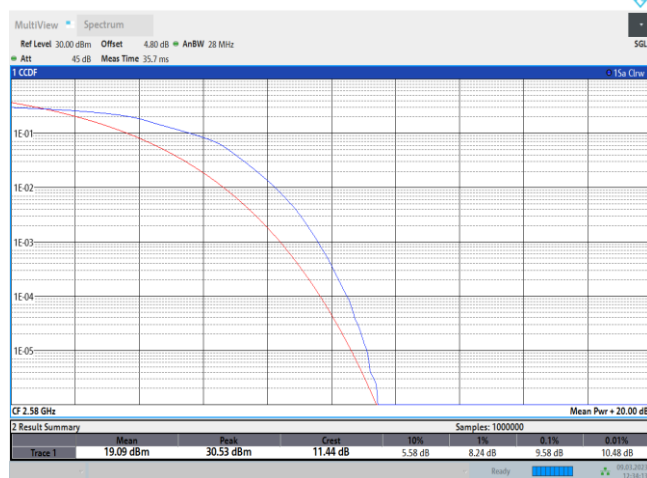
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### Band38-20MHz-16QAM-37850-100RB#0



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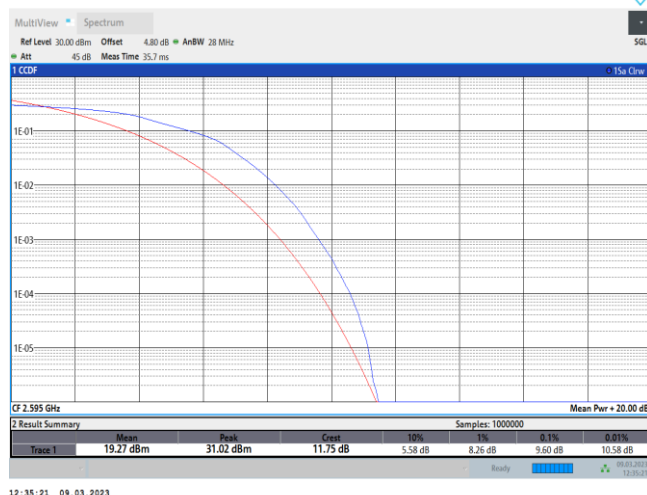
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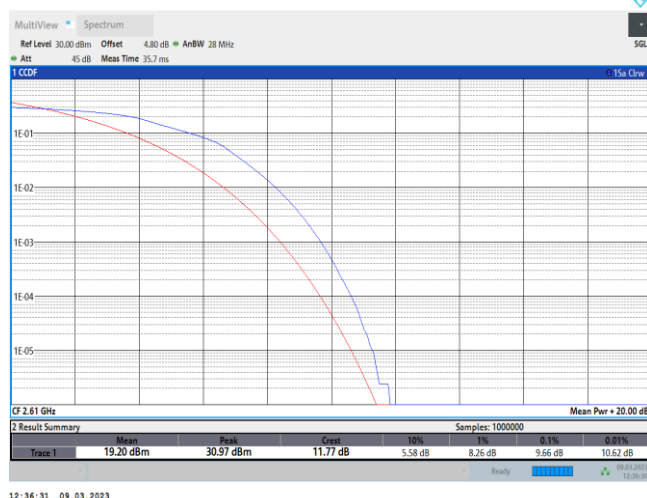
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### Band38-20MHz-16QAM-38000-100RB#0



### Band38-20MHz-16QAM-38150-100RB#0



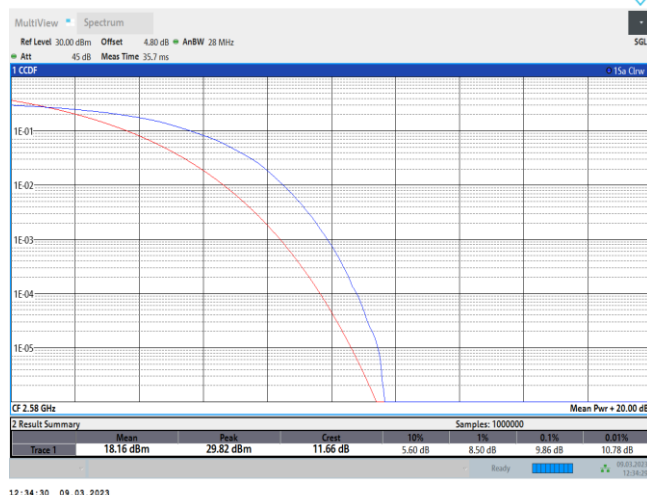
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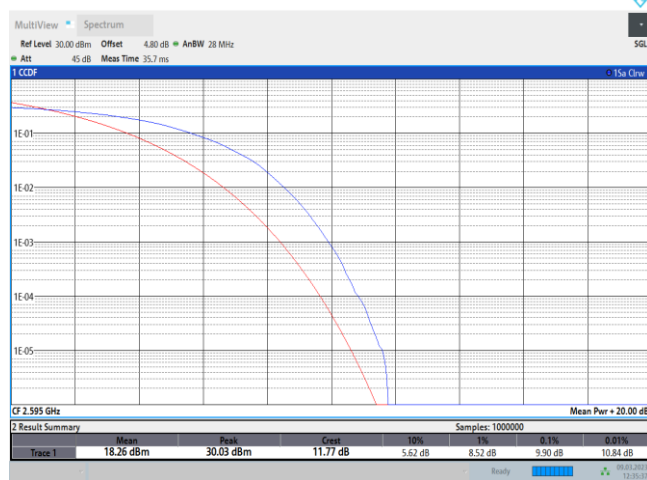
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### Band38-20MHz-64QAM-37850-100RB#0



12:34:30 09.03.2023

### Band38-20MHz-64QAM-38000-100RB#0



12:35:38 09.03.2023



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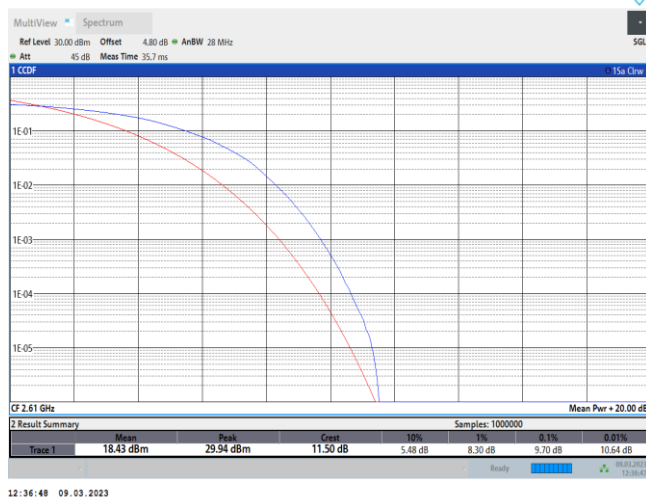
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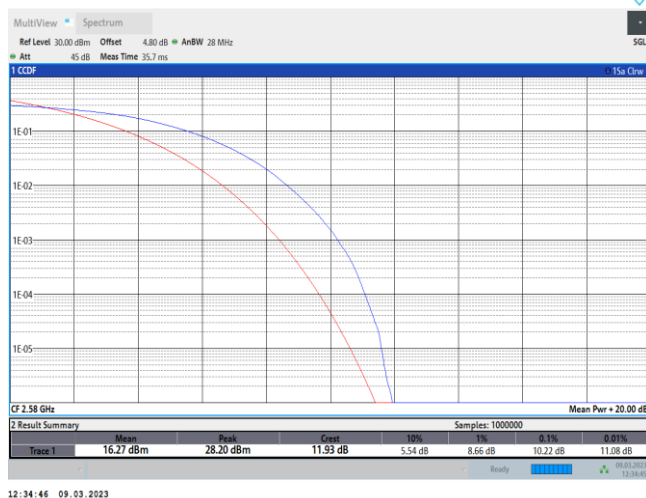
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### Band38-20MHz-256QAM-37850-100RB#0



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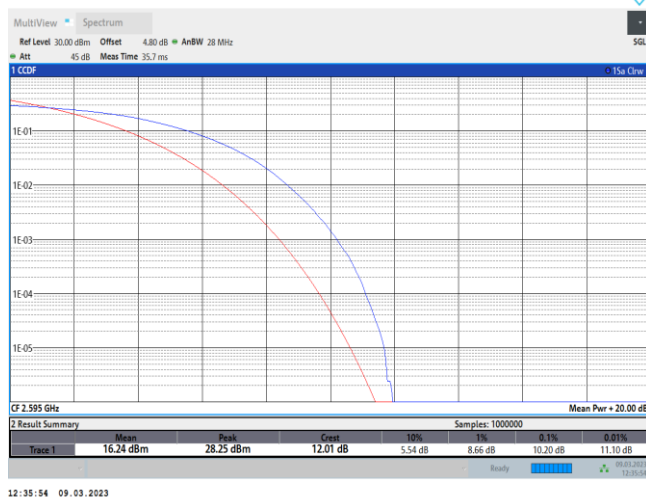
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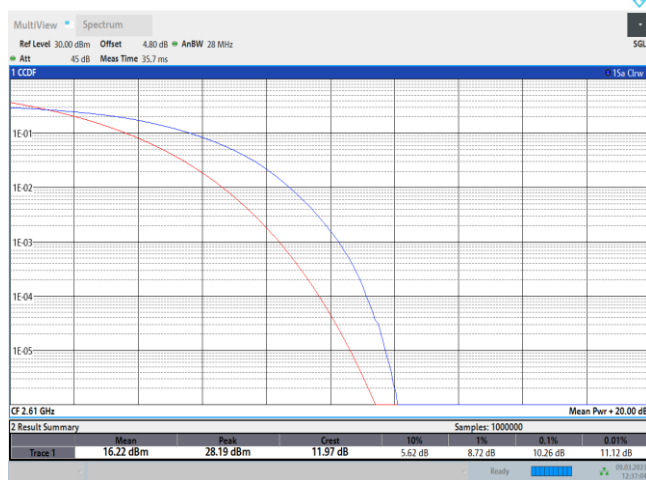
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### Band38-20MHz-256QAM-38000-100RB#0



12:35:54 09.03.2023

### Band38-20MHz-256QAM-38150-100RB#0



12:37:04 09.03.2023



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## 26dB Bandwidth and Occupied Bandwidth

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band38 | 5MHz      | QPSK       | 37775   | 25RB#0           | 4.460                    | 4.78                 | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 25RB#0           | 4.474                    | 4.81                 | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 25RB#0           | 4.466                    | 4.76                 | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 25RB#0           | 4.456                    | 4.83                 | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 25RB#0           | 4.463                    | 4.96                 | PASS    |
| Band38 | 5MHz      | 16QAM      | 38225   | 25RB#0           | 4.471                    | 4.80                 | PASS    |
| Band38 | 5MHz      | 64QAM      | 37775   | 25RB#0           | 4.474                    | 4.83                 | PASS    |
| Band38 | 5MHz      | 64QAM      | 38000   | 25RB#0           | 4.462                    | 4.90                 | PASS    |
| Band38 | 5MHz      | 64QAM      | 38225   | 25RB#0           | 4.472                    | 4.79                 | PASS    |
| Band38 | 5MHz      | 256QAM     | 37775   | 25RB#0           | 4.461                    | 4.79                 | PASS    |
| Band38 | 5MHz      | 256QAM     | 38000   | 25RB#0           | 4.465                    | 4.84                 | PASS    |
| Band38 | 5MHz      | 256QAM     | 38225   | 25RB#0           | 4.458                    | 4.83                 | PASS    |
| Band38 | 10MHz     | QPSK       | 37800   | 50RB#0           | 8.913                    | 9.46                 | PASS    |
| Band38 | 10MHz     | QPSK       | 38000   | 50RB#0           | 8.923                    | 9.42                 | PASS    |
| Band38 | 10MHz     | QPSK       | 38200   | 50RB#0           | 8.950                    | 9.60                 | PASS    |
| Band38 | 10MHz     | 16QAM      | 37800   | 50RB#0           | 8.913                    | 9.44                 | PASS    |
| Band38 | 10MHz     | 16QAM      | 38000   | 50RB#0           | 8.907                    | 9.40                 | PASS    |
| Band38 | 10MHz     | 16QAM      | 38200   | 50RB#0           | 8.926                    | 9.54                 | PASS    |
| Band38 | 10MHz     | 64QAM      | 37800   | 50RB#0           | 8.965                    | 9.50                 | PASS    |
| Band38 | 10MHz     | 64QAM      | 38000   | 50RB#0           | 8.935                    | 9.60                 | PASS    |
| Band38 | 10MHz     | 64QAM      | 38200   | 50RB#0           | 8.935                    | 9.54                 | PASS    |
| Band38 | 10MHz     | 256QAM     | 37800   | 50RB#0           | 8.951                    | 9.48                 | PASS    |
| Band38 | 10MHz     | 256QAM     | 38000   | 50RB#0           | 8.959                    | 9.50                 | PASS    |
| Band38 | 10MHz     | 256QAM     | 38200   | 50RB#0           | 8.963                    | 9.48                 | PASS    |
| Band38 | 15MHz     | QPSK       | 37825   | 75RB#0           | 13.460                   | 14.64                | PASS    |
| Band38 | 15MHz     | QPSK       | 38000   | 75RB#0           | 13.470                   | 14.64                | PASS    |
| Band38 | 15MHz     | QPSK       | 38175   | 75RB#0           | 13.440                   | 14.31                | PASS    |
| Band38 | 15MHz     | 16QAM      | 37825   | 75RB#0           | 13.412                   | 14.76                | PASS    |



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|        |       |        |       |         |        |       |      |
|--------|-------|--------|-------|---------|--------|-------|------|
| Band38 | 15MHz | 16QAM  | 38000 | 75RB#0  | 13.470 | 14.85 | PASS |
| Band38 | 15MHz | 16QAM  | 38175 | 75RB#0  | 13.430 | 14.49 | PASS |
| Band38 | 15MHz | 64QAM  | 37825 | 75RB#0  | 13.442 | 14.58 | PASS |
| Band38 | 15MHz | 64QAM  | 38000 | 75RB#0  | 13.449 | 14.43 | PASS |
| Band38 | 15MHz | 64QAM  | 38175 | 75RB#0  | 13.454 | 14.49 | PASS |
| Band38 | 15MHz | 256QAM | 37825 | 75RB#0  | 13.464 | 14.49 | PASS |
| Band38 | 15MHz | 256QAM | 38000 | 75RB#0  | 13.481 | 14.37 | PASS |
| Band38 | 15MHz | 256QAM | 38175 | 75RB#0  | 13.405 | 14.64 | PASS |
| Band38 | 20MHz | QPSK   | 37850 | 100RB#0 | 17.901 | 18.96 | PASS |
| Band38 | 20MHz | QPSK   | 38000 | 100RB#0 | 17.884 | 19.20 | PASS |
| Band38 | 20MHz | QPSK   | 38150 | 100RB#0 | 17.811 | 18.92 | PASS |
| Band38 | 20MHz | 16QAM  | 37850 | 100RB#0 | 17.863 | 18.84 | PASS |
| Band38 | 20MHz | 16QAM  | 38000 | 100RB#0 | 17.862 | 18.84 | PASS |
| Band38 | 20MHz | 16QAM  | 38150 | 100RB#0 | 17.930 | 19.04 | PASS |
| Band38 | 20MHz | 64QAM  | 37850 | 100RB#0 | 17.888 | 19.08 | PASS |
| Band38 | 20MHz | 64QAM  | 38000 | 100RB#0 | 17.884 | 18.88 | PASS |
| Band38 | 20MHz | 64QAM  | 38150 | 100RB#0 | 17.895 | 18.88 | PASS |
| Band38 | 20MHz | 256QAM | 37850 | 100RB#0 | 17.861 | 19.08 | PASS |
| Band38 | 20MHz | 256QAM | 38000 | 100RB#0 | 17.804 | 18.92 | PASS |
| Band38 | 20MHz | 256QAM | 38150 | 100RB#0 | 17.791 | 19.08 | PASS |



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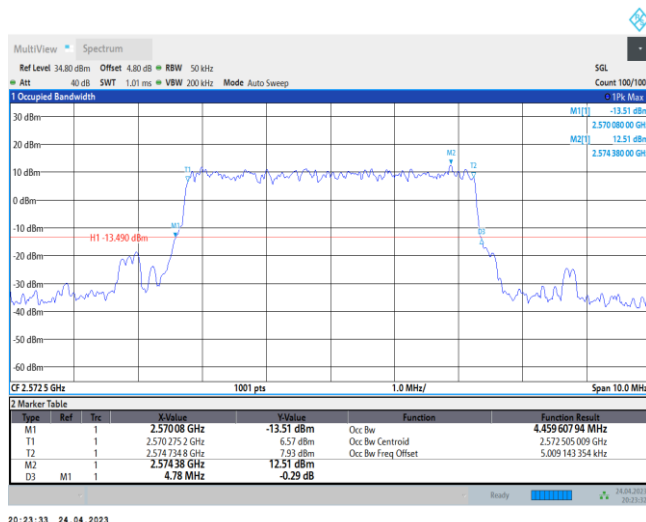
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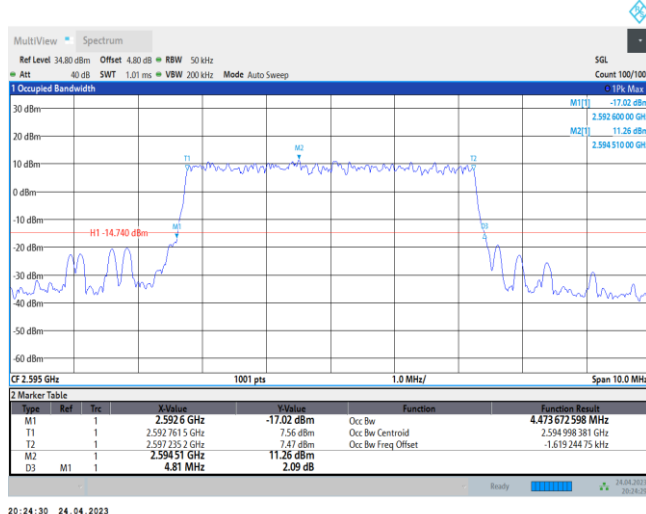
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### Test Graphs

Band38-5MHz-QPSK-37775-25RB#0



Band38-5MHz-QPSK-38000-25RB#0



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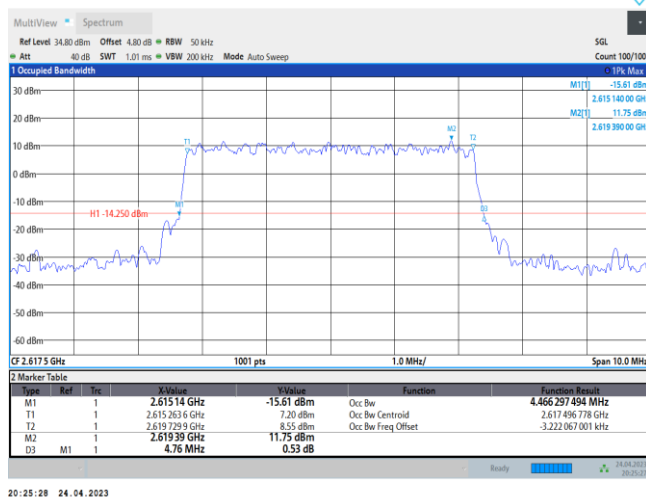
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### Band38-5MHz-QPSK-38225-25RB#0



### Band38-5MHz-16QAM-37775-25RB#0



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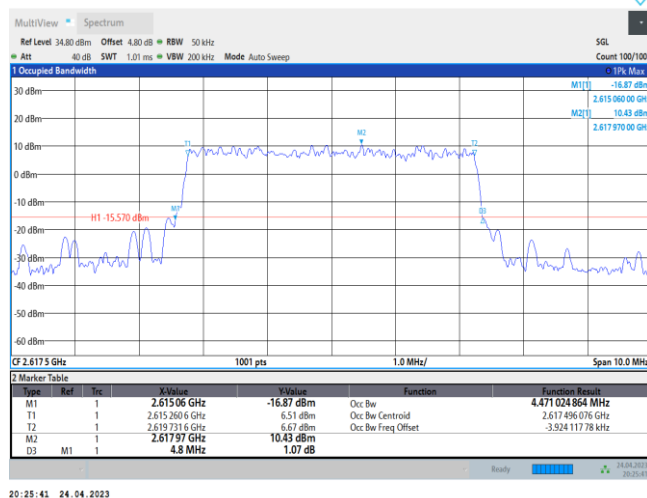
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### Band38-5MHz-16QAM-38225-25RB#0



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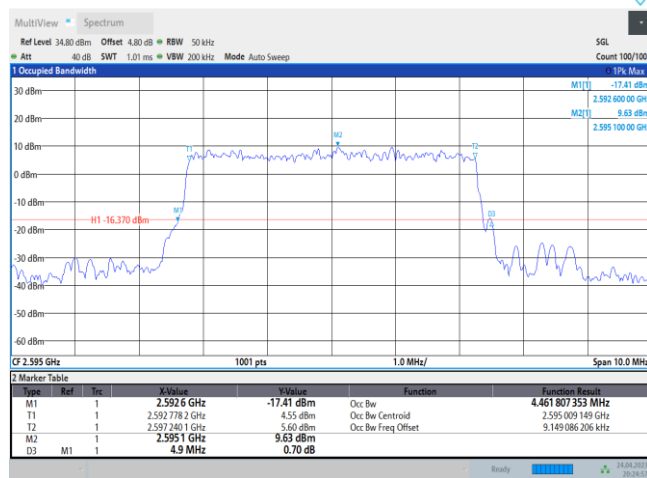
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### Band38-5MHz-64QAM-37775-25RB#0



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20:24:57 24.04.2023



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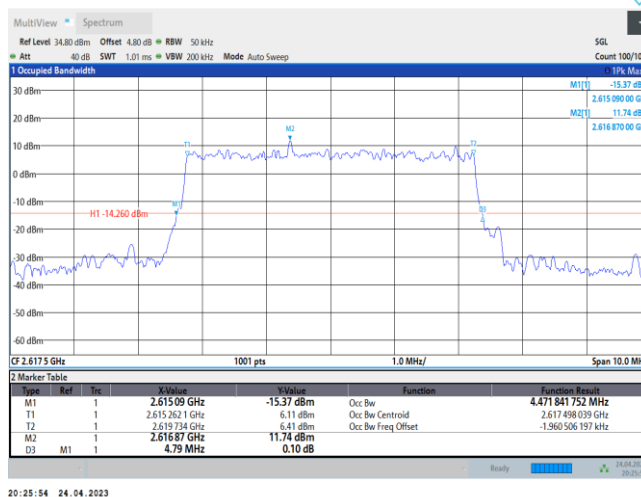
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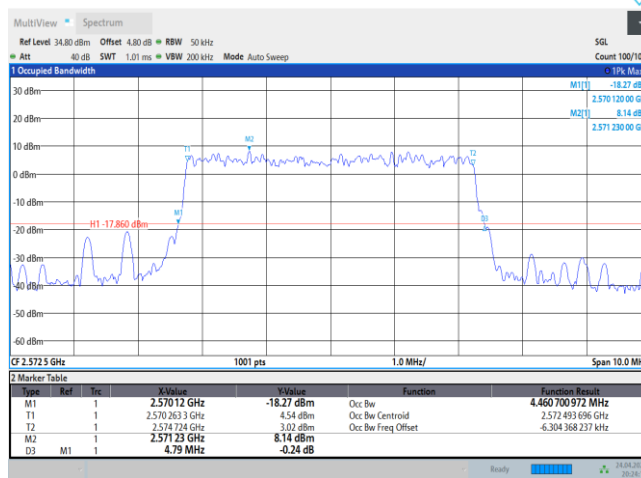
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### Band38-5MHz-64QAM-38225-25RB#0



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### Band38-5MHz-256QAM-37775-25RB#0



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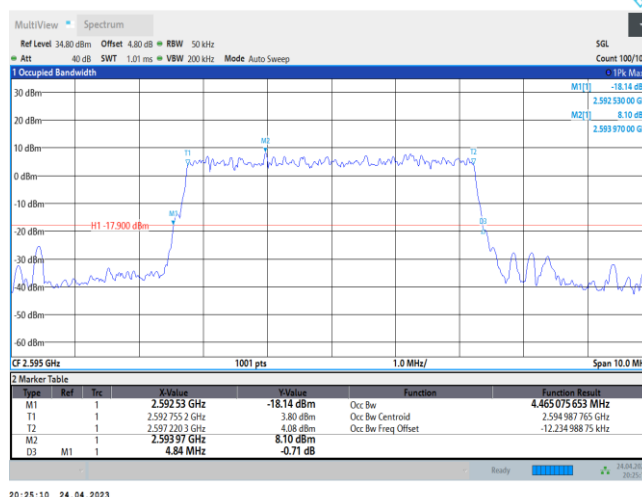
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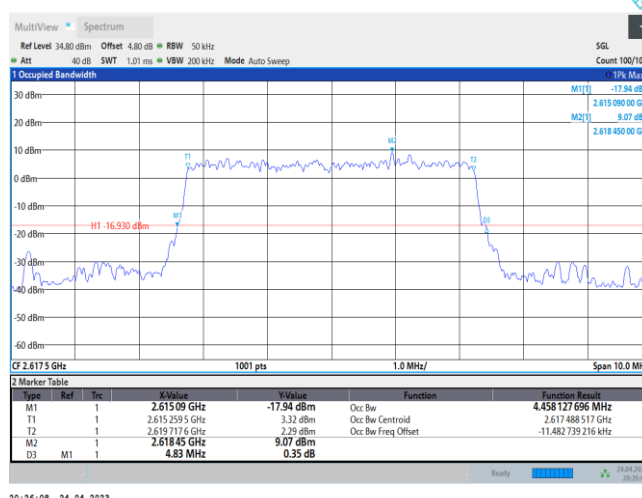
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### Band38-5MHz-256QAM-38225-25RB#0



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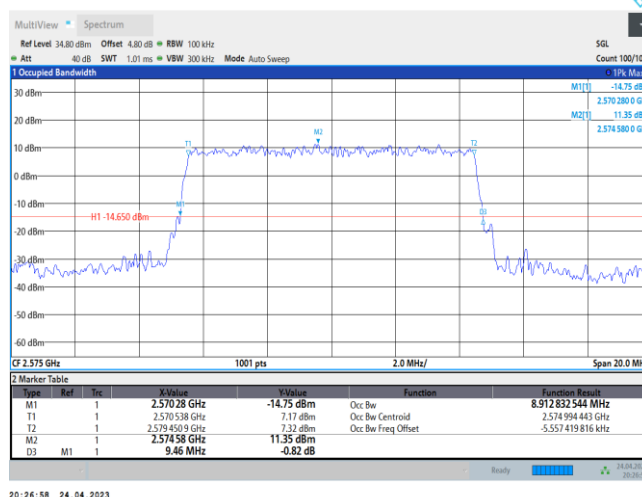
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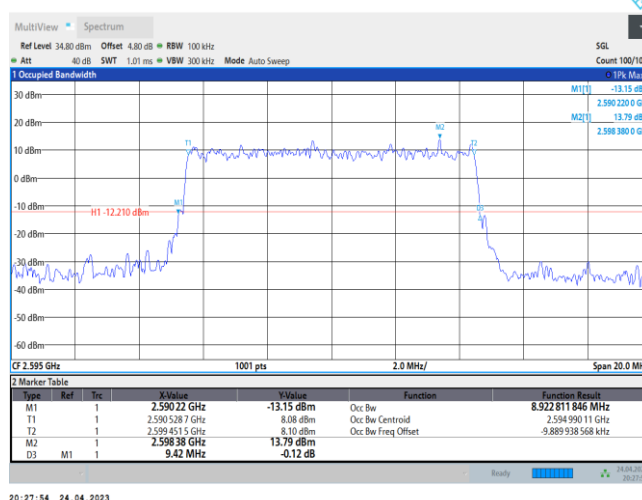
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### Band38-10MHz-QPSK-37800-50RB#0



### Band38-10MHz-QPSK-38000-50RB#0



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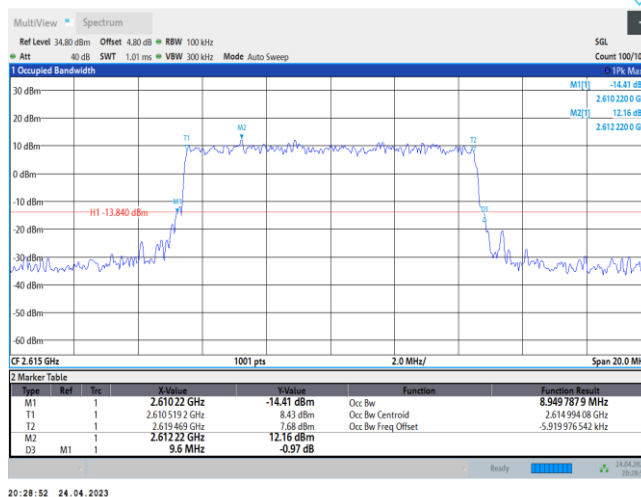
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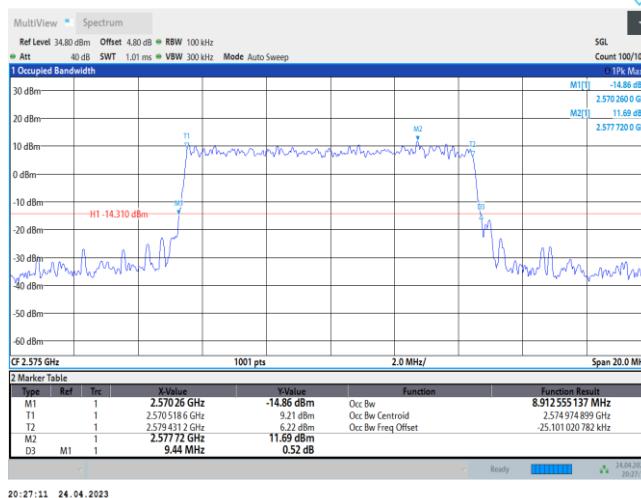
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### Band38-10MHz-QPSK-38200-50RB#0



### Band38-10MHz-16QAM-37800-50RB#0



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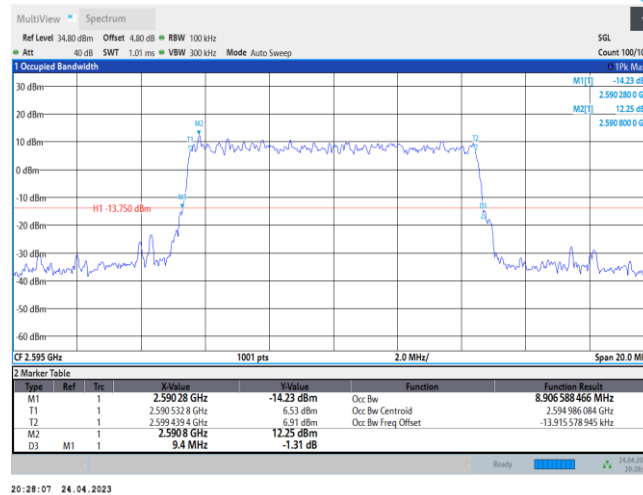
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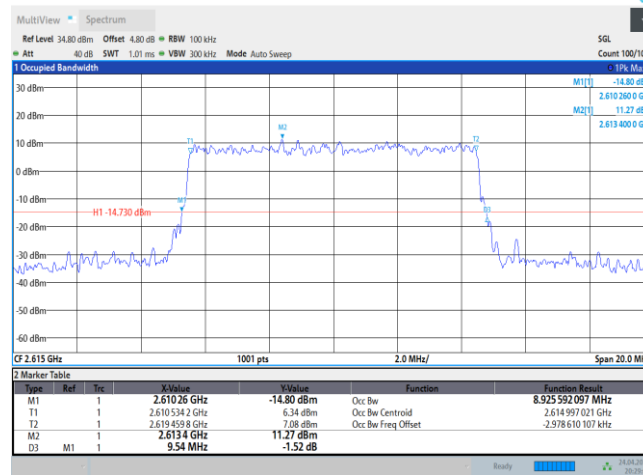
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### Band38-10MHz-16QAM-38000-50RB#0



20:28:07 24.04.2023

### Band38-10MHz-16QAM-38200-50RB#0



20:29:05 24.04.2023



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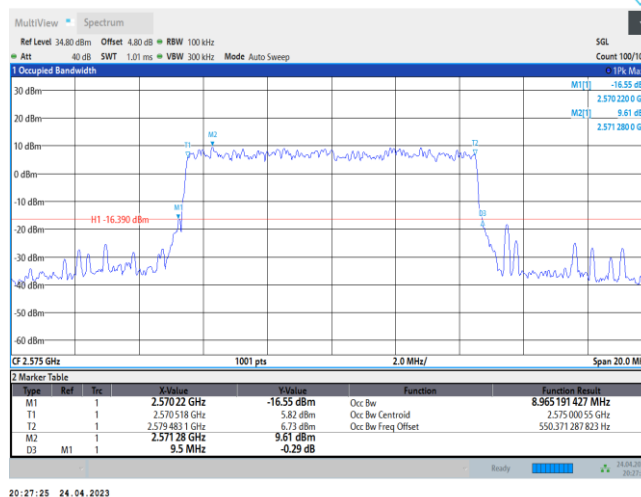
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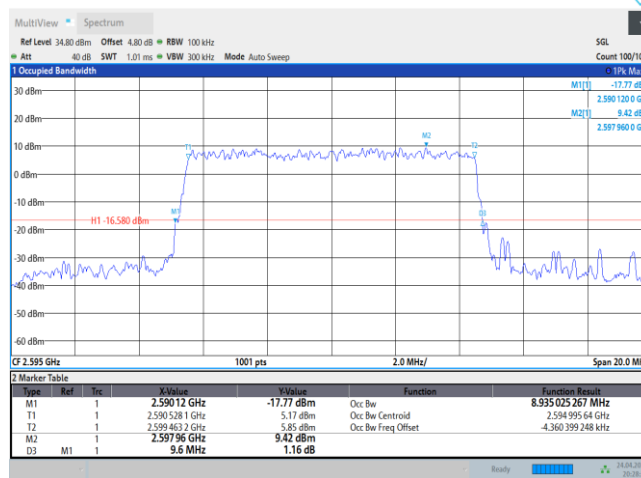
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### Band38-10MHz-64QAM-37800-50RB#0



20:27:25 24.04.2023

### Band38-10MHz-64QAM-38000-50RB#0



20:28:21 24.04.2023



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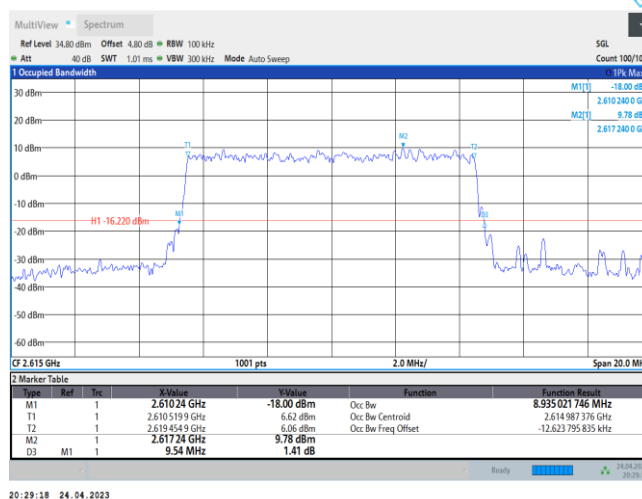
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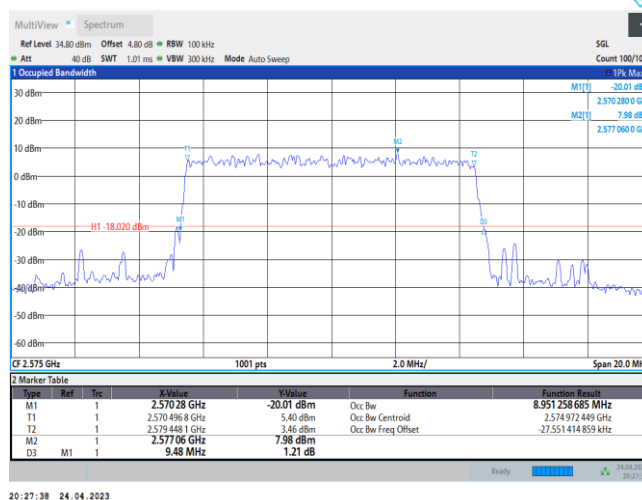
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### Band38-10MHz-64QAM-38200-50RB#0



20:29:18 24.04.2023

### Band38-10MHz-256QAM-37800-50RB#0



20:27:38 24.04.2023



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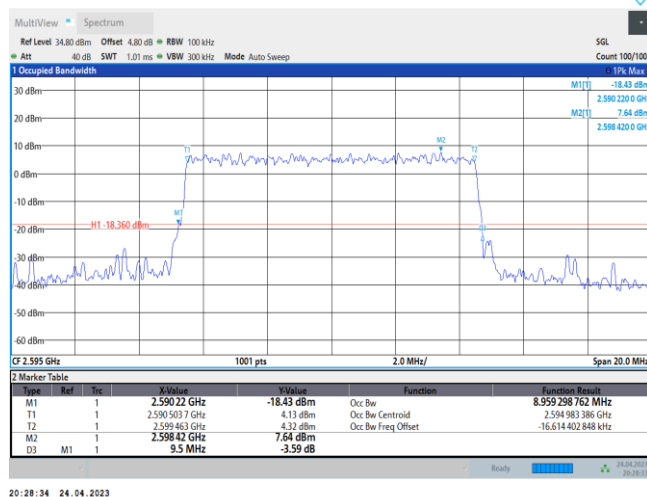
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### Band38-10MHz-256QAM-38000-50RB#0



### Band38-10MHz-256QAM-38200-50RB#0



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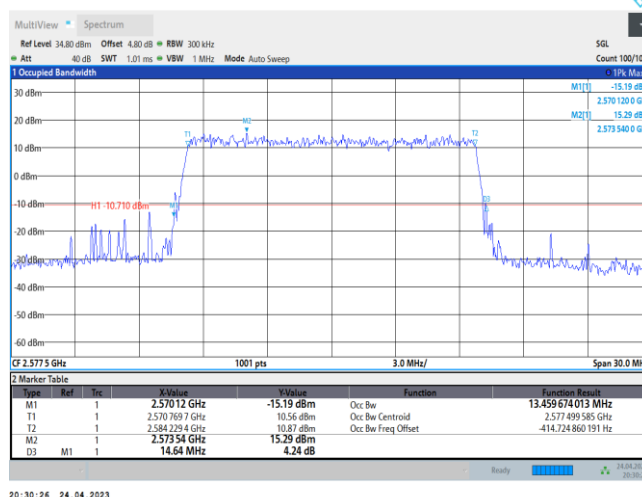
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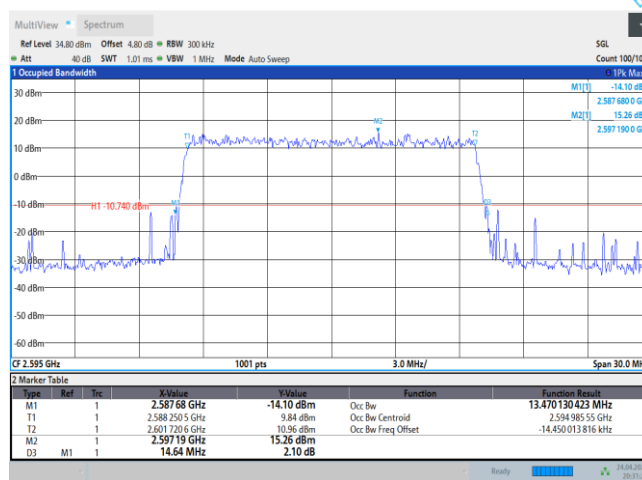
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### Band38-15MHz-QPSK-37825-75RB#0



20:30:26 24.04.2023

### Band38-15MHz-QPSK-38000-75RB#0



20:31:21 24.04.2023



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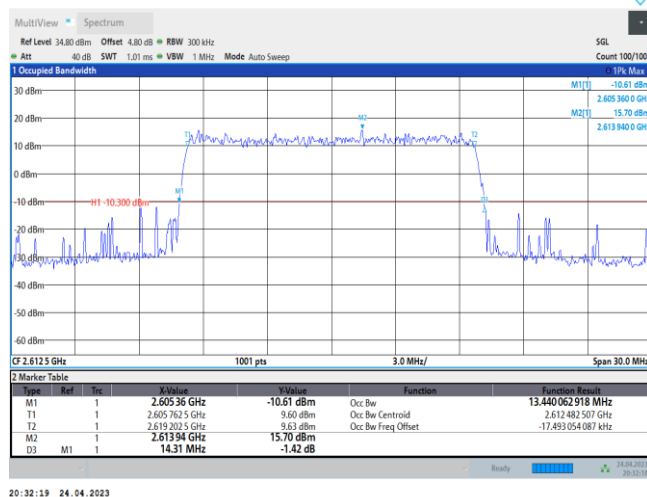
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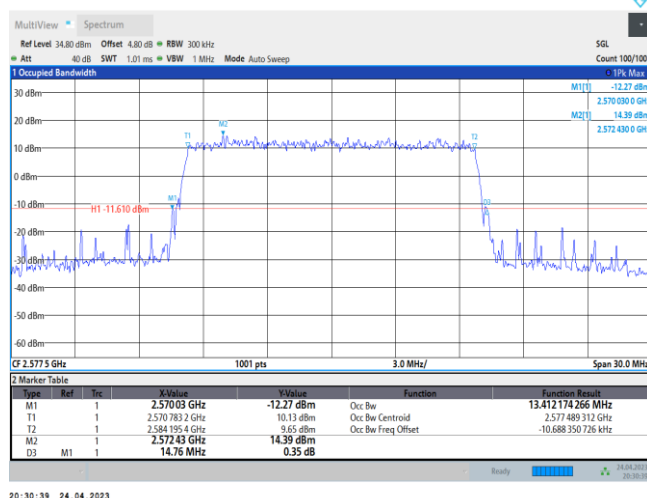
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### Band38-15MHz-QPSK-38175-75RB#0



20:32:19 24.04.2023

### Band38-15MHz-16QAM-37825-75RB#0



20:30:39 24.04.2023



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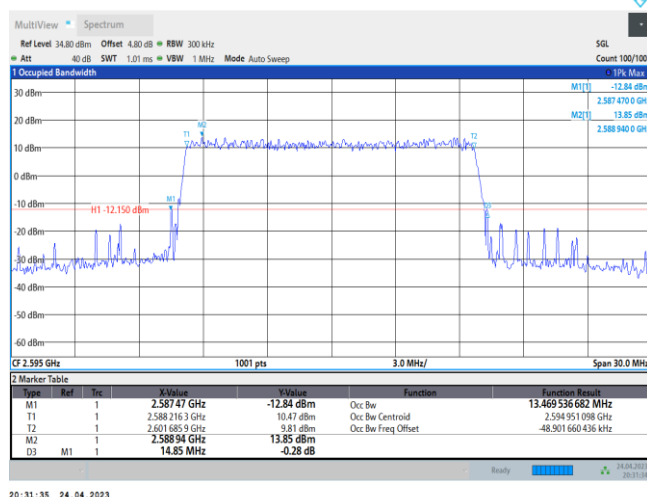
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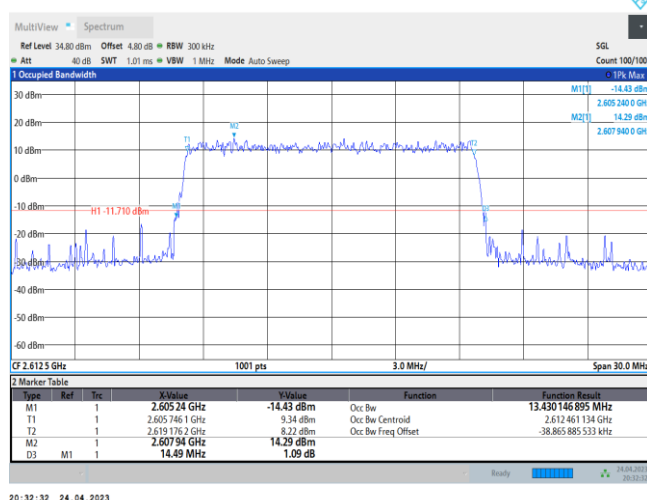
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### Band38-15MHz-16QAM-38175-75RB#0



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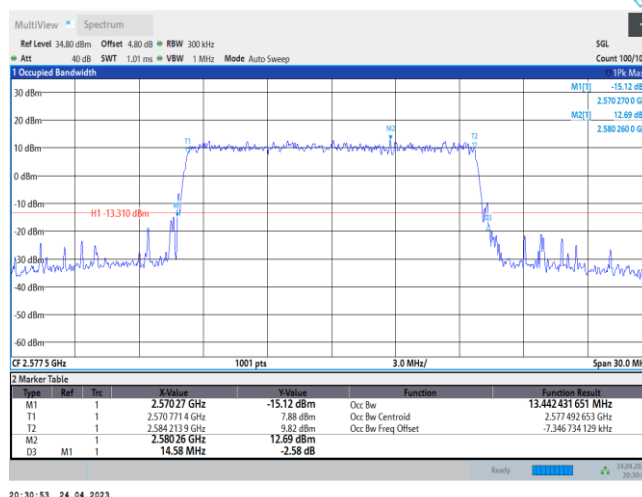
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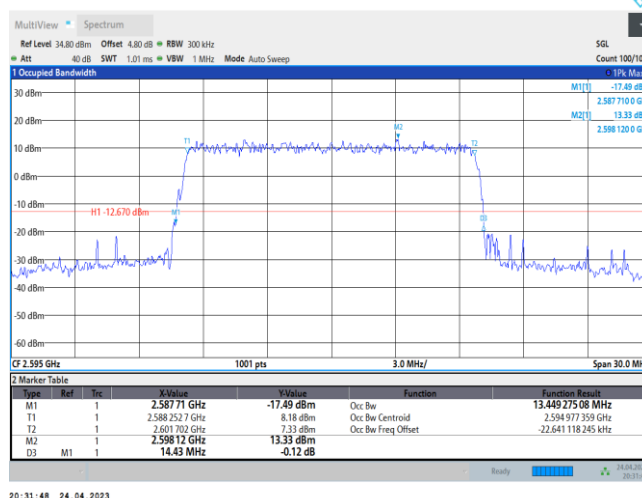
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### Band38-15MHz-64QAM-37825-75RB#0



20:30:53 24.04.2023

### Band38-15MHz-64QAM-38000-75RB#0



20:31:48 24.04.2023



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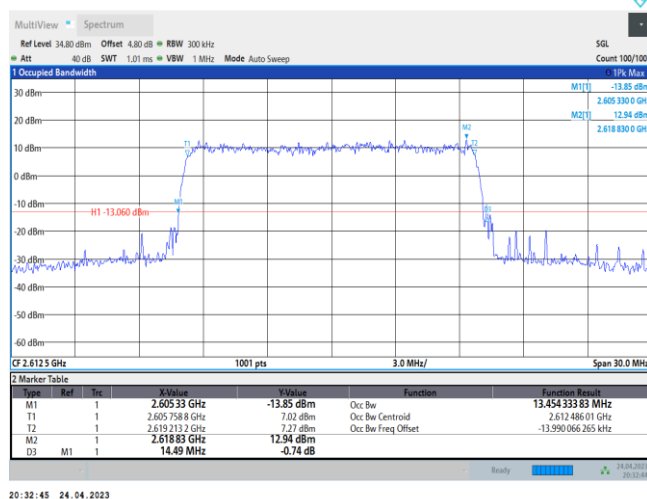
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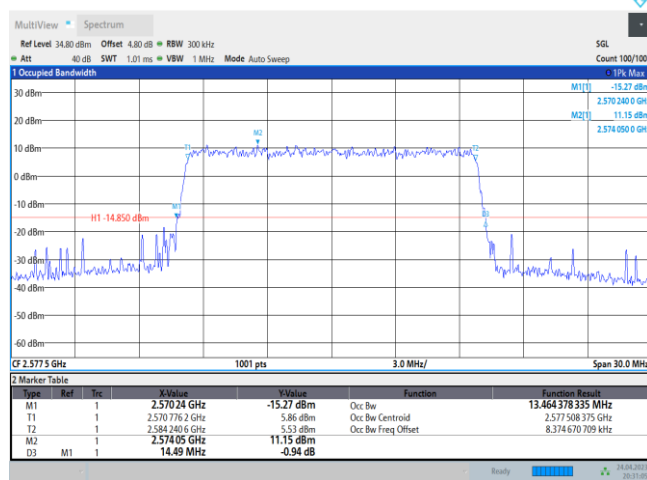
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### Band38-15MHz-64QAM-38175-75RB#0



20:32:45 24.04.2023

### Band38-15MHz-256QAM-37825-75RB#0



20:31:06 24.04.2023



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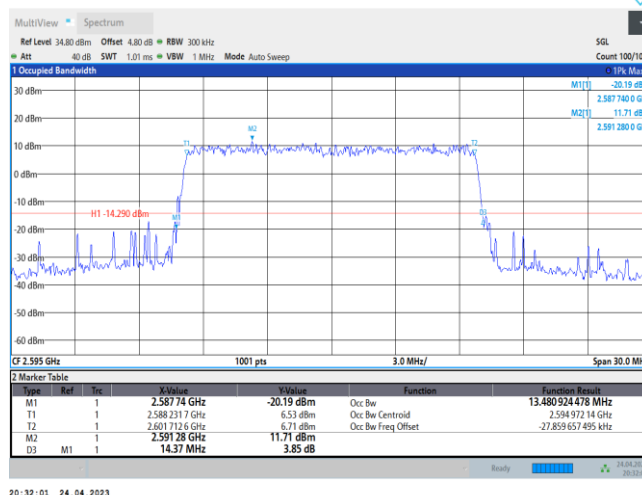
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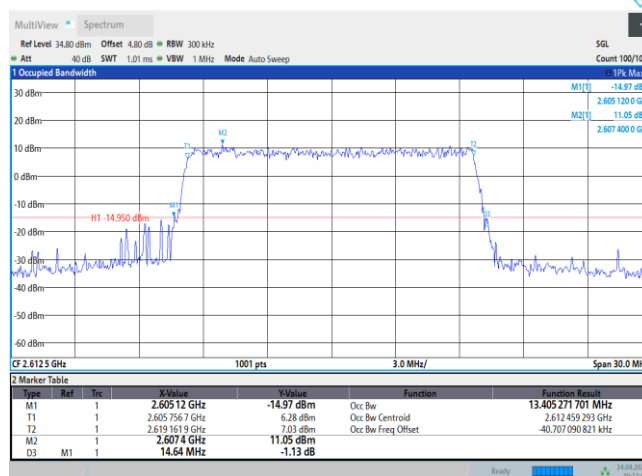
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### Band38-15MHz-256QAM-38000-75RB#0



20:32:01 24.04.2023

### Band38-15MHz-256QAM-38175-75RB#0



20:32:59 24.04.2023



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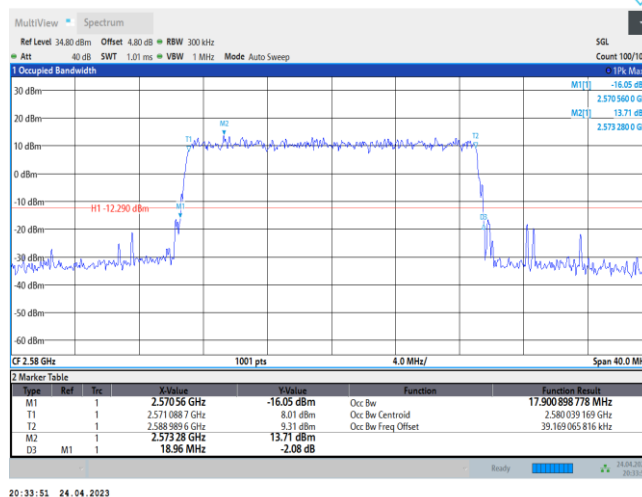
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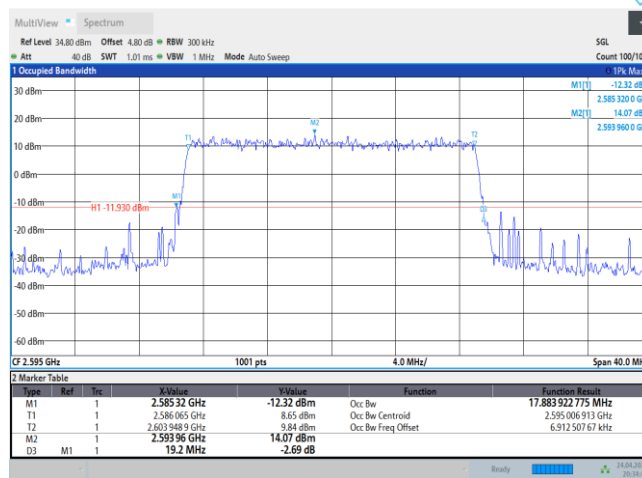
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### Band38-20MHz-QPSK-37850-100RB#0



20:33:51 24.04.2023

### Band38-20MHz-QPSK-38000-100RB#0



20:34:49 24.04.2023



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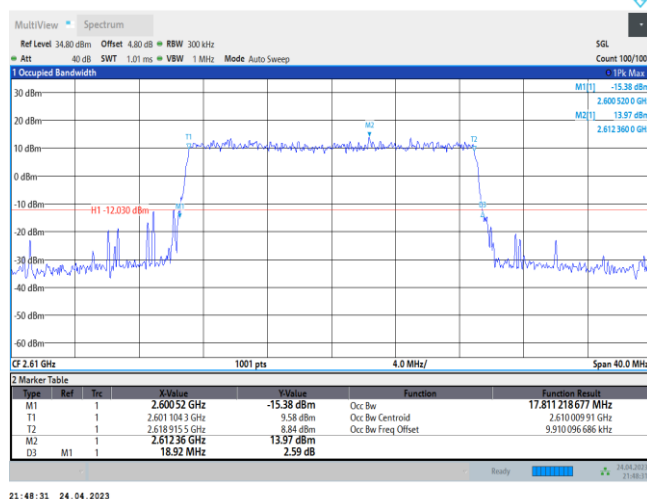
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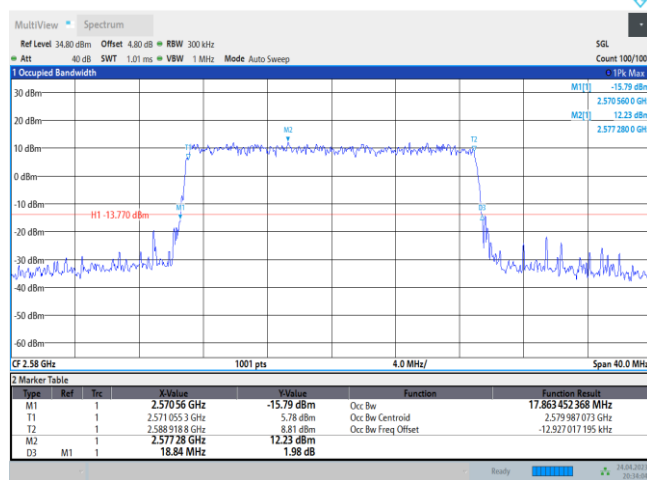
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### Band38-20MHz-QPSK-38150-100RB#0



21:48:31 24.04.2023

### Band38-20MHz-16QAM-37850-100RB#0



20:34:04 24.04.2023



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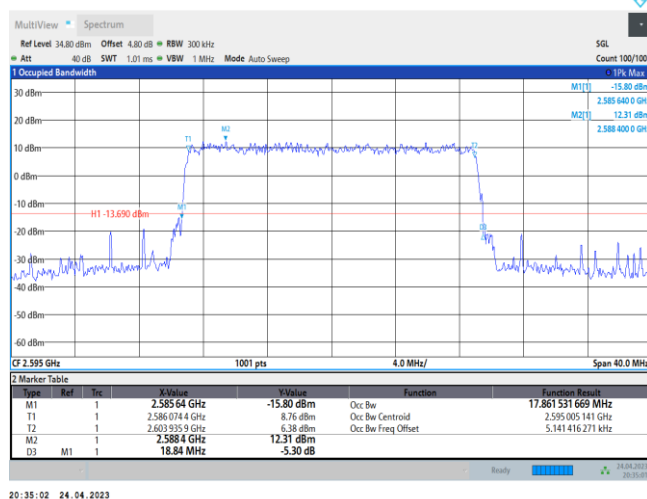
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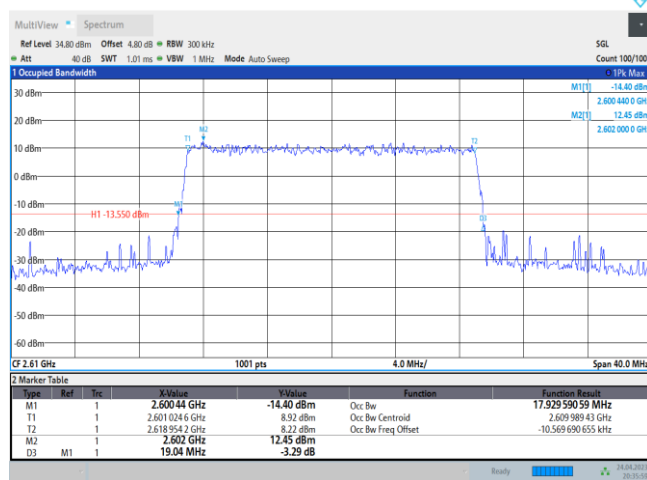
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### Band38-20MHz-16QAM-38000-100RB#0



20:35:02 24.04.2023

### Band38-20MHz-16QAM-38150-100RB#0



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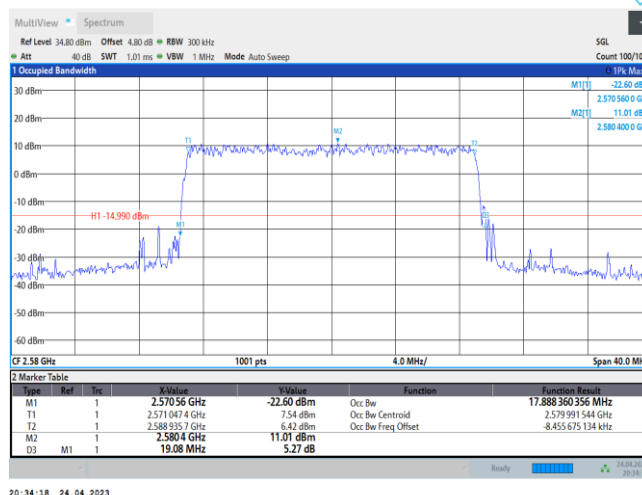
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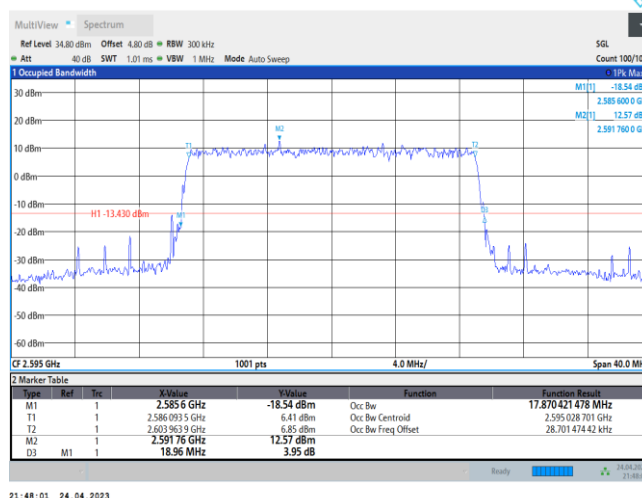
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### Band38-20MHz-64QAM-37850-100RB#0



### Band38-20MHz-64QAM-38000-100RB#0



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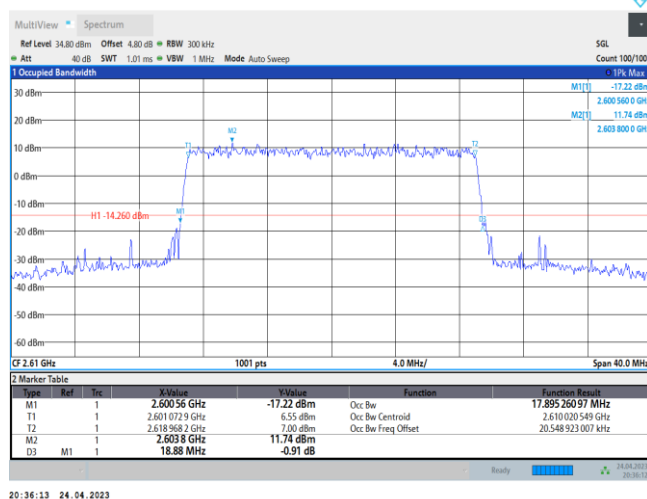
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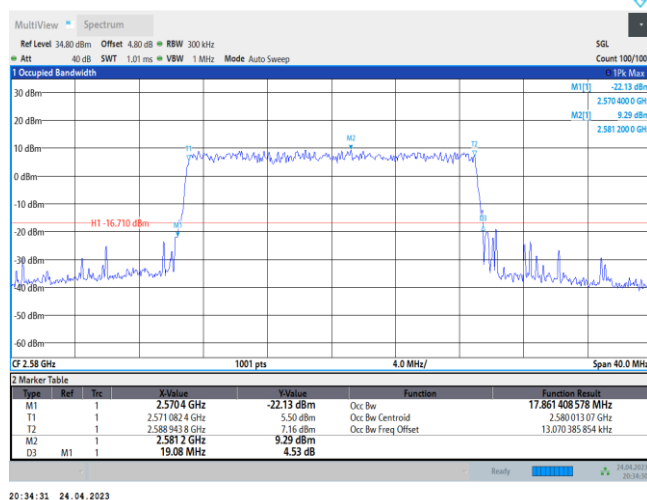
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### Band38-20MHz-256QAM-37850-100RB#0



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