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# Appendix

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## Effective (Isotropic) Radiated Power Output Data

### Test Result

#### ANT3:

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Conducted power(dBm) | EIRP(dBm) | Limit(dBm) | Verdict |
|-------|-----------|------------|---------|------------------|----------------------|-----------|------------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#0            | 24.75                | 22.87     | 30.00      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#2            | 24.69                | 22.81     | 30.00      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#5            | 24.62                | 22.74     | 30.00      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#0            | 24.71                | 22.83     | 30.00      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#1            | 24.70                | 22.82     | 30.00      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#3            | 24.77                | 22.89     | 30.00      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 24.14                | 22.26     | 30.00      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#0            | 24.79                | 22.91     | 30.00      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#2            | 24.74                | 22.86     | 30.00      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#5            | 24.78                | 22.90     | 30.00      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#0            | 24.72                | 22.84     | 30.00      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#1            | 24.74                | 22.86     | 30.00      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#3            | 24.82                | 22.94     | 30.00      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 24.23                | 22.35     | 30.00      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#0            | 24.89                | 23.01     | 30.00      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#2            | 24.74                | 22.86     | 30.00      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#5            | 24.71                | 22.83     | 30.00      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 3RB#0            | 24.66                | 22.78     | 30.00      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 3RB#1            | 24.75                | 22.87     | 30.00      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 3RB#3            | 24.70                | 22.82     | 30.00      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 24.26                | 22.38     | 30.00      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#0            | 24.56                | 22.68     | 30.00      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#2            | 24.60                | 22.72     | 30.00      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#5            | 24.53                | 22.65     | 30.00      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 3RB#0            | 24.27                | 22.39     | 30.00      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 3RB#1            | 24.49                | 22.61     | 30.00      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 3RB#3            | 24.42                | 22.54     | 30.00      | PASS    |



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|-------|--------|-------|-------|-------|-------|-------|-------|------|
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0 | 23.34 | 21.46 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#0 | 24.58 | 22.70 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#2 | 24.70 | 22.82 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#5 | 24.62 | 22.74 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#0 | 24.42 | 22.54 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#1 | 24.39 | 22.51 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#3 | 24.35 | 22.47 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0 | 23.23 | 21.35 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#0 | 24.53 | 22.65 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#2 | 24.50 | 22.62 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#5 | 24.39 | 22.51 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#0 | 24.53 | 22.65 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#1 | 24.37 | 22.49 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#3 | 24.31 | 22.43 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0 | 23.33 | 21.45 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 1RB#0 | 23.46 | 21.58 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 1RB#2 | 23.48 | 21.60 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 1RB#5 | 23.29 | 21.41 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 3RB#0 | 23.35 | 21.47 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 3RB#1 | 23.42 | 21.54 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 3RB#3 | 23.27 | 21.39 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 6RB#0 | 22.19 | 20.31 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 1RB#0 | 23.41 | 21.53 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 1RB#2 | 23.32 | 21.44 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 1RB#5 | 23.37 | 21.49 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 3RB#0 | 23.33 | 21.45 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 3RB#1 | 23.34 | 21.46 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 3RB#3 | 23.30 | 21.42 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 6RB#0 | 22.25 | 20.37 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 1RB#0 | 23.39 | 21.51 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 1RB#2 | 23.44 | 21.56 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 1RB#5 | 23.39 | 21.51 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 3RB#0 | 23.35 | 21.47 | 30.00 | PASS |

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|-------|--------|--------|-------|--------|-------|-------|-------|------|
| Band4 | 1.4MHz | 64QAM  | 20393 | 3RB#1  | 23.35 | 21.47 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM  | 20393 | 3RB#3  | 23.37 | 21.49 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM  | 20393 | 6RB#0  | 22.22 | 20.34 | 30.00 | PASS |
| Band4 | 1.4MHz | 256QAM | 19957 | 1RB#0  | 20.29 | 18.41 | 30.00 | PASS |
| Band4 | 1.4MHz | 256QAM | 19957 | 1RB#2  | 20.11 | 18.23 | 30.00 | PASS |
| Band4 | 1.4MHz | 256QAM | 19957 | 1RB#5  | 20.12 | 18.24 | 30.00 | PASS |
| Band4 | 1.4MHz | 256QAM | 19957 | 3RB#0  | 20.16 | 18.28 | 30.00 | PASS |
| Band4 | 1.4MHz | 256QAM | 19957 | 3RB#1  | 20.12 | 18.24 | 30.00 | PASS |
| Band4 | 1.4MHz | 256QAM | 19957 | 3RB#3  | 20.18 | 18.30 | 30.00 | PASS |
| Band4 | 1.4MHz | 256QAM | 19957 | 6RB#0  | 20.18 | 18.30 | 30.00 | PASS |
| Band4 | 1.4MHz | 256QAM | 20175 | 1RB#0  | 20.18 | 18.30 | 30.00 | PASS |
| Band4 | 1.4MHz | 256QAM | 20175 | 1RB#2  | 20.44 | 18.56 | 30.00 | PASS |
| Band4 | 1.4MHz | 256QAM | 20175 | 1RB#5  | 21.09 | 19.21 | 30.00 | PASS |
| Band4 | 1.4MHz | 256QAM | 20175 | 3RB#0  | 20.22 | 18.34 | 30.00 | PASS |
| Band4 | 1.4MHz | 256QAM | 20175 | 3RB#1  | 20.17 | 18.29 | 30.00 | PASS |
| Band4 | 1.4MHz | 256QAM | 20175 | 3RB#3  | 20.15 | 18.27 | 30.00 | PASS |
| Band4 | 1.4MHz | 256QAM | 20175 | 6RB#0  | 20.16 | 18.28 | 30.00 | PASS |
| Band4 | 1.4MHz | 256QAM | 20393 | 1RB#0  | 20.31 | 18.43 | 30.00 | PASS |
| Band4 | 1.4MHz | 256QAM | 20393 | 1RB#2  | 20.26 | 18.38 | 30.00 | PASS |
| Band4 | 1.4MHz | 256QAM | 20393 | 1RB#5  | 20.14 | 18.26 | 30.00 | PASS |
| Band4 | 1.4MHz | 256QAM | 20393 | 3RB#0  | 20.16 | 18.28 | 30.00 | PASS |
| Band4 | 1.4MHz | 256QAM | 20393 | 3RB#1  | 20.22 | 18.34 | 30.00 | PASS |
| Band4 | 1.4MHz | 256QAM | 20393 | 3RB#3  | 20.03 | 18.15 | 30.00 | PASS |
| Band4 | 1.4MHz | 256QAM | 20393 | 6RB#0  | 20.09 | 18.21 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK   | 19965 | 1RB#0  | 24.69 | 22.81 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK   | 19965 | 1RB#8  | 24.76 | 22.88 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK   | 19965 | 1RB#14 | 24.66 | 22.78 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK   | 19965 | 8RB#0  | 24.24 | 22.36 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK   | 19965 | 8RB#4  | 24.18 | 22.30 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK   | 19965 | 8RB#7  | 24.20 | 22.32 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK   | 19965 | 15RB#0 | 24.21 | 22.33 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK   | 20175 | 1RB#0  | 24.76 | 22.88 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK   | 20175 | 1RB#8  | 24.66 | 22.78 | 30.00 | PASS |

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| Band4 | 3MHz | QPSK  | 20175 | 1RB#14 | 24.69 | 22.81 | 30.00 | PASS |
| Band4 | 3MHz | QPSK  | 20175 | 8RB#0  | 24.09 | 22.21 | 30.00 | PASS |
| Band4 | 3MHz | QPSK  | 20175 | 8RB#4  | 24.15 | 22.27 | 30.00 | PASS |
| Band4 | 3MHz | QPSK  | 20175 | 8RB#7  | 24.19 | 22.31 | 30.00 | PASS |
| Band4 | 3MHz | QPSK  | 20175 | 15RB#0 | 24.15 | 22.27 | 30.00 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 1RB#0  | 24.71 | 22.83 | 30.00 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 1RB#8  | 24.70 | 22.82 | 30.00 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 1RB#14 | 24.57 | 22.69 | 30.00 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 8RB#0  | 23.70 | 21.82 | 30.00 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 8RB#4  | 24.17 | 22.29 | 30.00 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 8RB#7  | 24.22 | 22.34 | 30.00 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 15RB#0 | 24.10 | 22.22 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 1RB#0  | 24.42 | 22.54 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 1RB#8  | 24.60 | 22.72 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 1RB#14 | 24.33 | 22.45 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#0  | 23.27 | 21.39 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#4  | 23.37 | 21.49 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#7  | 23.21 | 21.33 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0 | 23.20 | 21.32 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#0  | 24.34 | 22.46 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#8  | 24.46 | 22.58 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#14 | 24.57 | 22.69 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#0  | 23.09 | 21.21 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#4  | 23.12 | 21.24 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#7  | 23.22 | 21.34 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | 23.11 | 21.23 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#0  | 24.51 | 22.63 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#8  | 24.41 | 22.53 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#14 | 24.32 | 22.44 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#0  | 23.24 | 21.36 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#4  | 23.25 | 21.37 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#7  | 23.25 | 21.37 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | 23.11 | 21.23 | 30.00 | PASS |



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| Band4 | 3MHz | 64QAM  | 19965 | 1RB#0  | 24.27 | 22.39 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM  | 19965 | 1RB#8  | 24.40 | 22.52 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM  | 19965 | 1RB#14 | 24.30 | 22.42 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM  | 19965 | 8RB#0  | 23.26 | 21.38 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM  | 19965 | 8RB#4  | 23.28 | 21.40 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM  | 19965 | 8RB#7  | 23.25 | 21.37 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM  | 19965 | 15RB#0 | 23.13 | 21.25 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM  | 20175 | 1RB#0  | 24.34 | 22.46 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM  | 20175 | 1RB#8  | 24.18 | 22.30 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM  | 20175 | 1RB#14 | 24.24 | 22.36 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM  | 20175 | 8RB#0  | 23.16 | 21.28 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM  | 20175 | 8RB#4  | 23.13 | 21.25 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM  | 20175 | 8RB#7  | 23.20 | 21.32 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM  | 20175 | 15RB#0 | 23.19 | 21.31 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM  | 20385 | 1RB#0  | 24.18 | 22.30 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM  | 20385 | 1RB#8  | 24.21 | 22.33 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM  | 20385 | 1RB#14 | 24.24 | 22.36 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM  | 20385 | 8RB#0  | 23.15 | 21.27 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM  | 20385 | 8RB#4  | 23.26 | 21.38 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM  | 20385 | 8RB#7  | 23.21 | 21.33 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM  | 20385 | 15RB#0 | 23.17 | 21.29 | 30.00 | PASS |
| Band4 | 3MHz | 256QAM | 19965 | 1RB#0  | 20.18 | 18.30 | 30.00 | PASS |
| Band4 | 3MHz | 256QAM | 19965 | 1RB#8  | 20.29 | 18.41 | 30.00 | PASS |
| Band4 | 3MHz | 256QAM | 19965 | 1RB#14 | 20.09 | 18.21 | 30.00 | PASS |
| Band4 | 3MHz | 256QAM | 19965 | 8RB#0  | 20.20 | 18.32 | 30.00 | PASS |
| Band4 | 3MHz | 256QAM | 19965 | 8RB#4  | 20.18 | 18.30 | 30.00 | PASS |
| Band4 | 3MHz | 256QAM | 19965 | 8RB#7  | 20.14 | 18.26 | 30.00 | PASS |
| Band4 | 3MHz | 256QAM | 19965 | 15RB#0 | 20.16 | 18.28 | 30.00 | PASS |
| Band4 | 3MHz | 256QAM | 20175 | 1RB#0  | 20.11 | 18.23 | 30.00 | PASS |
| Band4 | 3MHz | 256QAM | 20175 | 1RB#8  | 20.18 | 18.30 | 30.00 | PASS |
| Band4 | 3MHz | 256QAM | 20175 | 1RB#14 | 20.21 | 18.33 | 30.00 | PASS |
| Band4 | 3MHz | 256QAM | 20175 | 8RB#0  | 20.15 | 18.27 | 30.00 | PASS |
| Band4 | 3MHz | 256QAM | 20175 | 8RB#4  | 20.19 | 18.31 | 30.00 | PASS |



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|-------|------|--------|-------|---------|-------|-------|-------|------|
| Band4 | 3MHz | 256QAM | 20175 | 8RB#7   | 20.17 | 18.29 | 30.00 | PASS |
| Band4 | 3MHz | 256QAM | 20175 | 15RB#0  | 20.04 | 18.16 | 30.00 | PASS |
| Band4 | 3MHz | 256QAM | 20385 | 1RB#0   | 20.31 | 18.43 | 30.00 | PASS |
| Band4 | 3MHz | 256QAM | 20385 | 1RB#8   | 20.23 | 18.35 | 30.00 | PASS |
| Band4 | 3MHz | 256QAM | 20385 | 1RB#14  | 20.33 | 18.45 | 30.00 | PASS |
| Band4 | 3MHz | 256QAM | 20385 | 8RB#0   | 20.09 | 18.21 | 30.00 | PASS |
| Band4 | 3MHz | 256QAM | 20385 | 8RB#4   | 20.13 | 18.25 | 30.00 | PASS |
| Band4 | 3MHz | 256QAM | 20385 | 8RB#7   | 20.22 | 18.34 | 30.00 | PASS |
| Band4 | 3MHz | 256QAM | 20385 | 15RB#0  | 20.04 | 18.16 | 30.00 | PASS |
| Band4 | 5MHz | QPSK   | 19975 | 1RB#0   | 24.66 | 22.78 | 30.00 | PASS |
| Band4 | 5MHz | QPSK   | 19975 | 1RB#12  | 24.70 | 22.82 | 30.00 | PASS |
| Band4 | 5MHz | QPSK   | 19975 | 1RB#24  | 24.67 | 22.79 | 30.00 | PASS |
| Band4 | 5MHz | QPSK   | 19975 | 12RB#0  | 24.23 | 22.35 | 30.00 | PASS |
| Band4 | 5MHz | QPSK   | 19975 | 12RB#6  | 24.23 | 22.35 | 30.00 | PASS |
| Band4 | 5MHz | QPSK   | 19975 | 12RB#13 | 24.22 | 22.34 | 30.00 | PASS |
| Band4 | 5MHz | QPSK   | 19975 | 25RB#0  | 24.28 | 22.40 | 30.00 | PASS |
| Band4 | 5MHz | QPSK   | 20175 | 1RB#0   | 24.78 | 22.90 | 30.00 | PASS |
| Band4 | 5MHz | QPSK   | 20175 | 1RB#12  | 24.87 | 22.99 | 30.00 | PASS |
| Band4 | 5MHz | QPSK   | 20175 | 1RB#24  | 24.94 | 23.06 | 30.00 | PASS |
| Band4 | 5MHz | QPSK   | 20175 | 12RB#0  | 24.26 | 22.38 | 30.00 | PASS |
| Band4 | 5MHz | QPSK   | 20175 | 12RB#6  | 24.29 | 22.41 | 30.00 | PASS |
| Band4 | 5MHz | QPSK   | 20175 | 12RB#13 | 24.37 | 22.49 | 30.00 | PASS |
| Band4 | 5MHz | QPSK   | 20175 | 25RB#0  | 24.28 | 22.40 | 30.00 | PASS |
| Band4 | 5MHz | QPSK   | 20375 | 1RB#0   | 24.83 | 22.95 | 30.00 | PASS |
| Band4 | 5MHz | QPSK   | 20375 | 1RB#12  | 24.99 | 23.11 | 30.00 | PASS |
| Band4 | 5MHz | QPSK   | 20375 | 1RB#24  | 24.84 | 22.96 | 30.00 | PASS |
| Band4 | 5MHz | QPSK   | 20375 | 12RB#0  | 24.29 | 22.41 | 30.00 | PASS |
| Band4 | 5MHz | QPSK   | 20375 | 12RB#6  | 24.30 | 22.42 | 30.00 | PASS |
| Band4 | 5MHz | QPSK   | 20375 | 12RB#13 | 24.41 | 22.53 | 30.00 | PASS |
| Band4 | 5MHz | QPSK   | 20375 | 25RB#0  | 24.35 | 22.47 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM  | 19975 | 1RB#0   | 24.51 | 22.63 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM  | 19975 | 1RB#12  | 24.52 | 22.64 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM  | 19975 | 1RB#24  | 24.56 | 22.68 | 30.00 | PASS |



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|-------|------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 5MHz | 16QAM | 19975 | 12RB#0  | 23.33 | 21.45 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#6  | 23.27 | 21.39 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#13 | 23.30 | 21.42 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0  | 23.23 | 21.35 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#0   | 24.74 | 22.86 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#12  | 24.67 | 22.79 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#24  | 24.61 | 22.73 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#0  | 23.39 | 21.51 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#6  | 23.31 | 21.43 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#13 | 23.38 | 21.50 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 25RB#0  | 23.32 | 21.44 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#0   | 24.61 | 22.73 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#12  | 24.78 | 22.90 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#24  | 24.83 | 22.95 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 12RB#0  | 23.33 | 21.45 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 12RB#6  | 23.46 | 21.58 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 12RB#13 | 23.40 | 21.52 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 25RB#0  | 23.39 | 21.51 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 1RB#0   | 23.35 | 21.47 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 1RB#12  | 23.65 | 21.77 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 1RB#24  | 23.51 | 21.63 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 12RB#0  | 22.22 | 20.34 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 12RB#6  | 22.24 | 20.36 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 12RB#13 | 22.27 | 20.39 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 25RB#0  | 22.33 | 20.45 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 1RB#0   | 23.74 | 21.86 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 1RB#12  | 23.54 | 21.66 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 1RB#24  | 23.59 | 21.71 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 12RB#0  | 22.30 | 20.42 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 12RB#6  | 22.32 | 20.44 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 12RB#13 | 22.47 | 20.59 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 25RB#0  | 22.36 | 20.48 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 1RB#0   | 23.57 | 21.69 | 30.00 | PASS |



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| Band4 | 5MHz  | 64QAM  | 20375 | 1RB#12  | 23.54 | 21.66 | 30.00 | PASS |
| Band4 | 5MHz  | 64QAM  | 20375 | 1RB#24  | 23.59 | 21.71 | 30.00 | PASS |
| Band4 | 5MHz  | 64QAM  | 20375 | 12RB#0  | 22.32 | 20.44 | 30.00 | PASS |
| Band4 | 5MHz  | 64QAM  | 20375 | 12RB#6  | 22.49 | 20.61 | 30.00 | PASS |
| Band4 | 5MHz  | 64QAM  | 20375 | 12RB#13 | 22.40 | 20.52 | 30.00 | PASS |
| Band4 | 5MHz  | 64QAM  | 20375 | 25RB#0  | 22.41 | 20.53 | 30.00 | PASS |
| Band4 | 5MHz  | 256QAM | 19975 | 1RB#0   | 20.27 | 18.39 | 30.00 | PASS |
| Band4 | 5MHz  | 256QAM | 19975 | 1RB#12  | 20.24 | 18.36 | 30.00 | PASS |
| Band4 | 5MHz  | 256QAM | 19975 | 1RB#24  | 20.26 | 18.38 | 30.00 | PASS |
| Band4 | 5MHz  | 256QAM | 19975 | 12RB#0  | 20.18 | 18.30 | 30.00 | PASS |
| Band4 | 5MHz  | 256QAM | 19975 | 12RB#6  | 20.19 | 18.31 | 30.00 | PASS |
| Band4 | 5MHz  | 256QAM | 19975 | 12RB#13 | 20.10 | 18.22 | 30.00 | PASS |
| Band4 | 5MHz  | 256QAM | 19975 | 25RB#0  | 20.19 | 18.31 | 30.00 | PASS |
| Band4 | 5MHz  | 256QAM | 20175 | 1RB#0   | 20.16 | 18.28 | 30.00 | PASS |
| Band4 | 5MHz  | 256QAM | 20175 | 1RB#12  | 20.30 | 18.42 | 30.00 | PASS |
| Band4 | 5MHz  | 256QAM | 20175 | 1RB#24  | 20.24 | 18.36 | 30.00 | PASS |
| Band4 | 5MHz  | 256QAM | 20175 | 12RB#0  | 20.11 | 18.23 | 30.00 | PASS |
| Band4 | 5MHz  | 256QAM | 20175 | 12RB#6  | 20.09 | 18.21 | 30.00 | PASS |
| Band4 | 5MHz  | 256QAM | 20175 | 12RB#13 | 20.16 | 18.28 | 30.00 | PASS |
| Band4 | 5MHz  | 256QAM | 20175 | 25RB#0  | 20.09 | 18.21 | 30.00 | PASS |
| Band4 | 5MHz  | 256QAM | 20375 | 1RB#0   | 20.11 | 18.23 | 30.00 | PASS |
| Band4 | 5MHz  | 256QAM | 20375 | 1RB#12  | 20.26 | 18.38 | 30.00 | PASS |
| Band4 | 5MHz  | 256QAM | 20375 | 1RB#24  | 20.28 | 18.40 | 30.00 | PASS |
| Band4 | 5MHz  | 256QAM | 20375 | 12RB#0  | 20.15 | 18.27 | 30.00 | PASS |
| Band4 | 5MHz  | 256QAM | 20375 | 12RB#6  | 20.19 | 18.31 | 30.00 | PASS |
| Band4 | 5MHz  | 256QAM | 20375 | 12RB#13 | 20.16 | 18.28 | 30.00 | PASS |
| Band4 | 5MHz  | 256QAM | 20375 | 25RB#0  | 20.13 | 18.25 | 30.00 | PASS |
| Band4 | 10MHz | QPSK   | 20000 | 1RB#0   | 24.74 | 22.86 | 30.00 | PASS |
| Band4 | 10MHz | QPSK   | 20000 | 1RB#24  | 24.72 | 22.84 | 30.00 | PASS |
| Band4 | 10MHz | QPSK   | 20000 | 1RB#49  | 24.77 | 22.89 | 30.00 | PASS |
| Band4 | 10MHz | QPSK   | 20000 | 25RB#0  | 24.33 | 22.45 | 30.00 | PASS |
| Band4 | 10MHz | QPSK   | 20000 | 25RB#12 | 24.35 | 22.47 | 30.00 | PASS |
| Band4 | 10MHz | QPSK   | 20000 | 25RB#25 | 24.35 | 22.47 | 30.00 | PASS |



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| Band4 | 10MHz | QPSK  | 20000 | 50RB#0  | 24.36 | 22.48 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#0   | 24.89 | 23.01 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#24  | 25.04 | 23.16 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#49  | 24.90 | 23.02 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#0  | 24.29 | 22.41 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#12 | 24.32 | 22.44 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#25 | 24.38 | 22.50 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0  | 24.32 | 22.44 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#0   | 24.84 | 22.96 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#24  | 24.77 | 22.89 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#49  | 24.84 | 22.96 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#0  | 24.36 | 22.48 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#12 | 24.47 | 22.59 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#25 | 24.45 | 22.57 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0  | 24.48 | 22.60 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0   | 24.39 | 22.51 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#24  | 25.07 | 23.19 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#49  | 24.57 | 22.69 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#0  | 23.25 | 21.37 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#12 | 23.40 | 21.52 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#25 | 23.34 | 21.46 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0  | 23.38 | 21.50 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0   | 24.77 | 22.89 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#24  | 24.74 | 22.86 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#49  | 24.70 | 22.82 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#0  | 23.31 | 21.43 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#12 | 23.32 | 21.44 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#25 | 23.42 | 21.54 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0  | 23.33 | 21.45 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0   | 24.71 | 22.83 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#24  | 24.65 | 22.77 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#49  | 24.73 | 22.85 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#0  | 23.28 | 21.40 | 30.00 | PASS |



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| Band4 | 10MHz | 16QAM  | 20350 | 25RB#12 | 23.40 | 21.52 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM  | 20350 | 25RB#25 | 23.39 | 21.51 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM  | 20350 | 50RB#0  | 23.41 | 21.53 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM  | 20000 | 1RB#0   | 23.42 | 21.54 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM  | 20000 | 1RB#24  | 23.45 | 21.57 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM  | 20000 | 1RB#49  | 23.38 | 21.50 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM  | 20000 | 25RB#0  | 22.26 | 20.38 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM  | 20000 | 25RB#12 | 22.39 | 20.51 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM  | 20000 | 25RB#25 | 22.39 | 20.51 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM  | 20000 | 50RB#0  | 22.31 | 20.43 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM  | 20175 | 1RB#0   | 23.50 | 21.62 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM  | 20175 | 1RB#24  | 23.32 | 21.44 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM  | 20175 | 1RB#49  | 23.63 | 21.75 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM  | 20175 | 25RB#0  | 22.38 | 20.50 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM  | 20175 | 25RB#12 | 22.31 | 20.43 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM  | 20175 | 25RB#25 | 22.47 | 20.59 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM  | 20175 | 50RB#0  | 22.32 | 20.44 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM  | 20350 | 1RB#0   | 23.48 | 21.60 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM  | 20350 | 1RB#24  | 23.58 | 21.70 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM  | 20350 | 1RB#49  | 23.55 | 21.67 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM  | 20350 | 25RB#0  | 22.35 | 20.47 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM  | 20350 | 25RB#12 | 22.44 | 20.56 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM  | 20350 | 25RB#25 | 22.50 | 20.62 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM  | 20350 | 50RB#0  | 22.41 | 20.53 | 30.00 | PASS |
| Band4 | 10MHz | 256QAM | 20000 | 1RB#0   | 20.29 | 18.41 | 30.00 | PASS |
| Band4 | 10MHz | 256QAM | 20000 | 1RB#24  | 20.23 | 18.35 | 30.00 | PASS |
| Band4 | 10MHz | 256QAM | 20000 | 1RB#49  | 20.13 | 18.25 | 30.00 | PASS |
| Band4 | 10MHz | 256QAM | 20000 | 25RB#0  | 20.14 | 18.26 | 30.00 | PASS |
| Band4 | 10MHz | 256QAM | 20000 | 25RB#12 | 20.19 | 18.31 | 30.00 | PASS |
| Band4 | 10MHz | 256QAM | 20000 | 25RB#25 | 20.17 | 18.29 | 30.00 | PASS |
| Band4 | 10MHz | 256QAM | 20000 | 50RB#0  | 20.17 | 18.29 | 30.00 | PASS |
| Band4 | 10MHz | 256QAM | 20175 | 1RB#0   | 20.21 | 18.33 | 30.00 | PASS |
| Band4 | 10MHz | 256QAM | 20175 | 1RB#24  | 20.35 | 18.47 | 30.00 | PASS |



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| Band4 | 10MHz | 256QAM | 20175 | 1RB#49  | 20.14 | 18.26 | 30.00 | PASS |
| Band4 | 10MHz | 256QAM | 20175 | 25RB#0  | 20.20 | 18.32 | 30.00 | PASS |
| Band4 | 10MHz | 256QAM | 20175 | 25RB#12 | 20.11 | 18.23 | 30.00 | PASS |
| Band4 | 10MHz | 256QAM | 20175 | 25RB#25 | 20.21 | 18.33 | 30.00 | PASS |
| Band4 | 10MHz | 256QAM | 20175 | 50RB#0  | 20.14 | 18.26 | 30.00 | PASS |
| Band4 | 10MHz | 256QAM | 20350 | 1RB#0   | 20.11 | 18.23 | 30.00 | PASS |
| Band4 | 10MHz | 256QAM | 20350 | 1RB#24  | 20.30 | 18.42 | 30.00 | PASS |
| Band4 | 10MHz | 256QAM | 20350 | 1RB#49  | 20.26 | 18.38 | 30.00 | PASS |
| Band4 | 10MHz | 256QAM | 20350 | 25RB#0  | 20.12 | 18.24 | 30.00 | PASS |
| Band4 | 10MHz | 256QAM | 20350 | 25RB#12 | 20.20 | 18.32 | 30.00 | PASS |
| Band4 | 10MHz | 256QAM | 20350 | 25RB#25 | 20.12 | 18.24 | 30.00 | PASS |
| Band4 | 10MHz | 256QAM | 20350 | 50RB#0  | 20.14 | 18.26 | 30.00 | PASS |
| Band4 | 15MHz | QPSK   | 20025 | 1RB#0   | 24.54 | 22.66 | 30.00 | PASS |
| Band4 | 15MHz | QPSK   | 20025 | 1RB#38  | 24.65 | 22.77 | 30.00 | PASS |
| Band4 | 15MHz | QPSK   | 20025 | 1RB#74  | 24.90 | 23.02 | 30.00 | PASS |
| Band4 | 15MHz | QPSK   | 20025 | 38RB#0  | 24.74 | 22.86 | 30.00 | PASS |
| Band4 | 15MHz | QPSK   | 20025 | 38RB#18 | 25.30 | 23.42 | 30.00 | PASS |
| Band4 | 15MHz | QPSK   | 20025 | 38RB#37 | 24.93 | 23.05 | 30.00 | PASS |
| Band4 | 15MHz | QPSK   | 20025 | 75RB#0  | 24.09 | 22.21 | 30.00 | PASS |
| Band4 | 15MHz | QPSK   | 20175 | 1RB#0   | 24.60 | 22.72 | 30.00 | PASS |
| Band4 | 15MHz | QPSK   | 20175 | 1RB#38  | 24.61 | 22.73 | 30.00 | PASS |
| Band4 | 15MHz | QPSK   | 20175 | 1RB#74  | 24.83 | 22.95 | 30.00 | PASS |
| Band4 | 15MHz | QPSK   | 20175 | 38RB#0  | 24.96 | 23.08 | 30.00 | PASS |
| Band4 | 15MHz | QPSK   | 20175 | 38RB#18 | 25.00 | 23.12 | 30.00 | PASS |
| Band4 | 15MHz | QPSK   | 20175 | 38RB#37 | 25.06 | 23.18 | 30.00 | PASS |
| Band4 | 15MHz | QPSK   | 20175 | 75RB#0  | 24.04 | 22.16 | 30.00 | PASS |
| Band4 | 15MHz | QPSK   | 20325 | 1RB#0   | 24.86 | 22.98 | 30.00 | PASS |
| Band4 | 15MHz | QPSK   | 20325 | 1RB#38  | 24.95 | 23.07 | 30.00 | PASS |
| Band4 | 15MHz | QPSK   | 20325 | 1RB#74  | 24.82 | 22.94 | 30.00 | PASS |
| Band4 | 15MHz | QPSK   | 20325 | 38RB#0  | 24.59 | 22.71 | 30.00 | PASS |
| Band4 | 15MHz | QPSK   | 20325 | 38RB#18 | 24.67 | 22.79 | 30.00 | PASS |
| Band4 | 15MHz | QPSK   | 20325 | 38RB#37 | 25.00 | 23.12 | 30.00 | PASS |
| Band4 | 15MHz | QPSK   | 20325 | 75RB#0  | 24.00 | 22.12 | 30.00 | PASS |



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|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0   | 24.36 | 22.48 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#38  | 24.56 | 22.68 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#74  | 24.47 | 22.59 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#0  | 24.41 | 22.53 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#18 | 24.20 | 22.32 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#37 | 25.08 | 23.20 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | 23.15 | 21.27 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0   | 24.28 | 22.40 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#38  | 24.45 | 22.57 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#74  | 24.36 | 22.48 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#0  | 24.17 | 22.29 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#18 | 24.37 | 22.49 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#37 | 24.70 | 22.82 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | 23.04 | 21.16 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0   | 24.23 | 22.35 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#38  | 24.27 | 22.39 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#74  | 24.20 | 22.32 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#0  | 24.11 | 22.23 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#18 | 24.24 | 22.36 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#37 | 25.14 | 23.26 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | 23.05 | 21.17 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 1RB#0   | 23.25 | 21.37 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 1RB#38  | 23.38 | 21.50 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 1RB#74  | 23.26 | 21.38 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 38RB#0  | 23.21 | 21.33 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 38RB#18 | 23.39 | 21.51 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 38RB#37 | 23.21 | 21.33 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 75RB#0  | 22.17 | 20.29 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 1RB#0   | 23.10 | 21.22 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 1RB#38  | 23.66 | 21.78 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 1RB#74  | 23.45 | 21.57 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 38RB#0  | 23.15 | 21.27 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 38RB#18 | 23.28 | 21.40 | 30.00 | PASS |



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| Band4 | 15MHz | 64QAM  | 20175 | 38RB#37 | 23.28 | 21.40 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM  | 20175 | 75RB#0  | 22.00 | 20.12 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM  | 20325 | 1RB#0   | 23.23 | 21.35 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM  | 20325 | 1RB#38  | 23.18 | 21.30 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM  | 20325 | 1RB#74  | 23.20 | 21.32 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM  | 20325 | 38RB#0  | 23.24 | 21.36 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM  | 20325 | 38RB#18 | 23.22 | 21.34 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM  | 20325 | 38RB#37 | 23.16 | 21.28 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM  | 20325 | 75RB#0  | 22.08 | 20.20 | 30.00 | PASS |
| Band4 | 15MHz | 256QAM | 20025 | 1RB#0   | 19.96 | 18.08 | 30.00 | PASS |
| Band4 | 15MHz | 256QAM | 20025 | 1RB#38  | 20.33 | 18.45 | 30.00 | PASS |
| Band4 | 15MHz | 256QAM | 20025 | 1RB#74  | 19.99 | 18.11 | 30.00 | PASS |
| Band4 | 15MHz | 256QAM | 20025 | 38RB#0  | 20.17 | 18.29 | 30.00 | PASS |
| Band4 | 15MHz | 256QAM | 20025 | 38RB#18 | 19.96 | 18.08 | 30.00 | PASS |
| Band4 | 15MHz | 256QAM | 20025 | 38RB#37 | 20.21 | 18.33 | 30.00 | PASS |
| Band4 | 15MHz | 256QAM | 20025 | 75RB#0  | 20.03 | 18.15 | 30.00 | PASS |
| Band4 | 15MHz | 256QAM | 20175 | 1RB#0   | 20.11 | 18.23 | 30.00 | PASS |
| Band4 | 15MHz | 256QAM | 20175 | 1RB#38  | 20.27 | 18.39 | 30.00 | PASS |
| Band4 | 15MHz | 256QAM | 20175 | 1RB#74  | 20.18 | 18.30 | 30.00 | PASS |
| Band4 | 15MHz | 256QAM | 20175 | 38RB#0  | 20.04 | 18.16 | 30.00 | PASS |
| Band4 | 15MHz | 256QAM | 20175 | 38RB#18 | 20.17 | 18.29 | 30.00 | PASS |
| Band4 | 15MHz | 256QAM | 20175 | 38RB#37 | 20.29 | 18.41 | 30.00 | PASS |
| Band4 | 15MHz | 256QAM | 20175 | 75RB#0  | 19.98 | 18.10 | 30.00 | PASS |
| Band4 | 15MHz | 256QAM | 20325 | 1RB#0   | 20.02 | 18.14 | 30.00 | PASS |
| Band4 | 15MHz | 256QAM | 20325 | 1RB#38  | 20.18 | 18.30 | 30.00 | PASS |
| Band4 | 15MHz | 256QAM | 20325 | 1RB#74  | 19.94 | 18.06 | 30.00 | PASS |
| Band4 | 15MHz | 256QAM | 20325 | 38RB#0  | 19.93 | 18.05 | 30.00 | PASS |
| Band4 | 15MHz | 256QAM | 20325 | 38RB#18 | 20.13 | 18.25 | 30.00 | PASS |
| Band4 | 15MHz | 256QAM | 20325 | 38RB#37 | 20.20 | 18.32 | 30.00 | PASS |
| Band4 | 15MHz | 256QAM | 20325 | 75RB#0  | 19.99 | 18.11 | 30.00 | PASS |
| Band4 | 20MHz | QPSK   | 20050 | 1RB#0   | 24.45 | 22.57 | 30.00 | PASS |
| Band4 | 20MHz | QPSK   | 20050 | 1RB#49  | 25.02 | 23.14 | 30.00 | PASS |
| Band4 | 20MHz | QPSK   | 20050 | 1RB#99  | 24.85 | 22.97 | 30.00 | PASS |



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| Band4 | 20MHz | QPSK  | 20050 | 50RB#0  | 23.96 | 22.08 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#25 | 23.92 | 22.04 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#50 | 24.02 | 22.14 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | 24.00 | 22.12 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#0   | 24.88 | 23.00 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#49  | 24.50 | 22.62 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#99  | 24.78 | 22.90 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#0  | 23.96 | 22.08 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#25 | 24.07 | 22.19 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#50 | 24.04 | 22.16 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | 23.96 | 22.08 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0   | 24.50 | 22.62 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#49  | 24.51 | 22.63 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#99  | 24.99 | 23.11 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#0  | 23.96 | 22.08 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#25 | 24.06 | 22.18 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#50 | 23.98 | 22.10 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 23.97 | 22.09 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0   | 24.16 | 22.28 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#49  | 24.14 | 22.26 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#99  | 24.21 | 22.33 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#0  | 22.91 | 21.03 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#25 | 23.01 | 21.13 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#50 | 23.05 | 21.17 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 22.92 | 21.04 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0   | 24.19 | 22.31 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#49  | 24.28 | 22.40 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#99  | 24.42 | 22.54 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#0  | 22.93 | 21.05 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#25 | 22.98 | 21.10 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#50 | 23.00 | 21.12 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 22.97 | 21.09 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0   | 24.31 | 22.43 | 30.00 | PASS |



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|       |       |        |       |         |       |       |       |      |
|-------|-------|--------|-------|---------|-------|-------|-------|------|
| Band4 | 20MHz | 16QAM  | 20300 | 1RB#49  | 24.33 | 22.45 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM  | 20300 | 1RB#99  | 24.10 | 22.22 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM  | 20300 | 50RB#0  | 22.89 | 21.01 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM  | 20300 | 50RB#25 | 23.03 | 21.15 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM  | 20300 | 50RB#50 | 23.02 | 21.14 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM  | 20300 | 100RB#0 | 23.06 | 21.18 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM  | 20050 | 1RB#0   | 23.04 | 21.16 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM  | 20050 | 1RB#49  | 23.37 | 21.49 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM  | 20050 | 1RB#99  | 23.05 | 21.17 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM  | 20050 | 50RB#0  | 21.88 | 20.00 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM  | 20050 | 50RB#25 | 22.03 | 20.15 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM  | 20050 | 50RB#50 | 21.96 | 20.08 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM  | 20050 | 100RB#0 | 22.02 | 20.14 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM  | 20175 | 1RB#0   | 23.15 | 21.27 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM  | 20175 | 1RB#49  | 23.31 | 21.43 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM  | 20175 | 1RB#99  | 23.21 | 21.33 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM  | 20175 | 50RB#0  | 21.88 | 20.00 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM  | 20175 | 50RB#25 | 21.98 | 20.10 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM  | 20175 | 50RB#50 | 22.01 | 20.13 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM  | 20175 | 100RB#0 | 21.98 | 20.10 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM  | 20300 | 1RB#0   | 23.12 | 21.24 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM  | 20300 | 1RB#49  | 23.15 | 21.27 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM  | 20300 | 1RB#99  | 23.11 | 21.23 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM  | 20300 | 50RB#0  | 21.99 | 20.11 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM  | 20300 | 50RB#25 | 22.05 | 20.17 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM  | 20300 | 50RB#50 | 22.12 | 20.24 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM  | 20300 | 100RB#0 | 22.02 | 20.14 | 30.00 | PASS |
| Band4 | 20MHz | 256QAM | 20050 | 1RB#0   | 20.07 | 18.19 | 30.00 | PASS |
| Band4 | 20MHz | 256QAM | 20050 | 1RB#49  | 20.08 | 18.20 | 30.00 | PASS |
| Band4 | 20MHz | 256QAM | 20050 | 1RB#99  | 20.11 | 18.23 | 30.00 | PASS |
| Band4 | 20MHz | 256QAM | 20050 | 50RB#0  | 20.00 | 18.12 | 30.00 | PASS |
| Band4 | 20MHz | 256QAM | 20050 | 50RB#25 | 19.99 | 18.11 | 30.00 | PASS |
| Band4 | 20MHz | 256QAM | 20050 | 50RB#50 | 20.01 | 18.13 | 30.00 | PASS |



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|-------|-------|--------|-------|---------|-------|-------|-------|------|
| Band4 | 20MHz | 256QAM | 20050 | 100RB#0 | 20.06 | 18.18 | 30.00 | PASS |
| Band4 | 20MHz | 256QAM | 20175 | 1RB#0   | 20.03 | 18.15 | 30.00 | PASS |
| Band4 | 20MHz | 256QAM | 20175 | 1RB#49  | 20.16 | 18.28 | 30.00 | PASS |
| Band4 | 20MHz | 256QAM | 20175 | 1RB#99  | 20.12 | 18.24 | 30.00 | PASS |
| Band4 | 20MHz | 256QAM | 20175 | 50RB#0  | 20.00 | 18.12 | 30.00 | PASS |
| Band4 | 20MHz | 256QAM | 20175 | 50RB#25 | 20.02 | 18.14 | 30.00 | PASS |
| Band4 | 20MHz | 256QAM | 20175 | 50RB#50 | 20.09 | 18.21 | 30.00 | PASS |
| Band4 | 20MHz | 256QAM | 20175 | 100RB#0 | 20.00 | 18.12 | 30.00 | PASS |
| Band4 | 20MHz | 256QAM | 20300 | 1RB#0   | 20.22 | 18.34 | 30.00 | PASS |
| Band4 | 20MHz | 256QAM | 20300 | 1RB#49  | 20.11 | 18.23 | 30.00 | PASS |
| Band4 | 20MHz | 256QAM | 20300 | 1RB#99  | 20.16 | 18.28 | 30.00 | PASS |
| Band4 | 20MHz | 256QAM | 20300 | 50RB#0  | 20.00 | 18.12 | 30.00 | PASS |
| Band4 | 20MHz | 256QAM | 20300 | 50RB#25 | 20.08 | 18.20 | 30.00 | PASS |
| Band4 | 20MHz | 256QAM | 20300 | 50RB#50 | 20.12 | 18.24 | 30.00 | PASS |
| Band4 | 20MHz | 256QAM | 20300 | 100RB#0 | 20.07 | 18.19 | 30.00 | PASS |



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**Peak-to-Average Ratio(CCDF)****Test Result**

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band4 | 20MHz     | QPSK       | 20050   | 100RB#0          | 4.74       | 13        | PASS    |
| Band4 | 20MHz     | QPSK       | 20175   | 100RB#0          | 8.42       | 13        | PASS    |
| Band4 | 20MHz     | QPSK       | 20300   | 100RB#0          | 8.42       | 13        | PASS    |
| Band4 | 20MHz     | 16QAM      | 20050   | 100RB#0          | 5.74       | 13        | PASS    |
| Band4 | 20MHz     | 16QAM      | 20175   | 100RB#0          | 5.78       | 13        | PASS    |
| Band4 | 20MHz     | 16QAM      | 20300   | 100RB#0          | 5.68       | 13        | PASS    |
| Band4 | 20MHz     | 64QAM      | 20050   | 100RB#0          | 6.48       | 13        | PASS    |
| Band4 | 20MHz     | 64QAM      | 20175   | 100RB#0          | 6.42       | 13        | PASS    |
| Band4 | 20MHz     | 64QAM      | 20300   | 100RB#0          | 6.38       | 13        | PASS    |
| Band4 | 20MHz     | 256QAM     | 20050   | 100RB#0          | 6.60       | 13        | PASS    |
| Band4 | 20MHz     | 256QAM     | 20175   | 100RB#0          | 6.68       | 13        | PASS    |
| Band4 | 20MHz     | 256QAM     | 20300   | 100RB#0          | 6.74       | 13        | PASS    |



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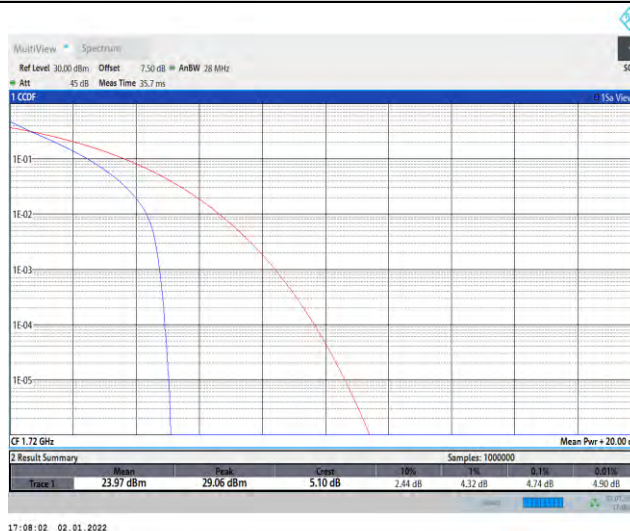
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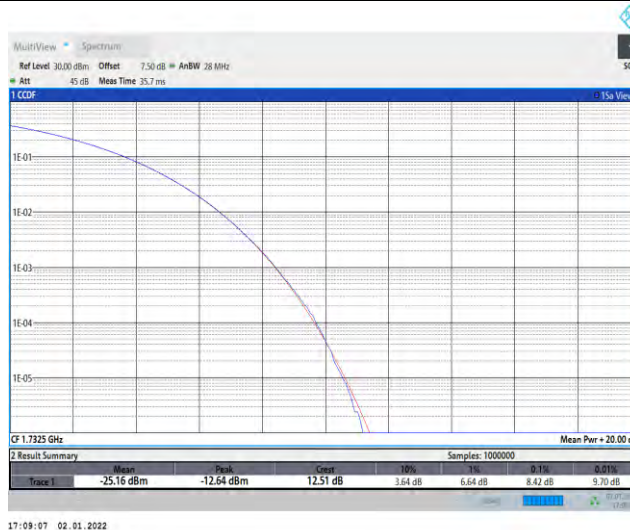
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### Test Graphs

Band4-20MHz-QPSK-20050-100RB#0



Band4-20MHz-QPSK-20175-100RB#0



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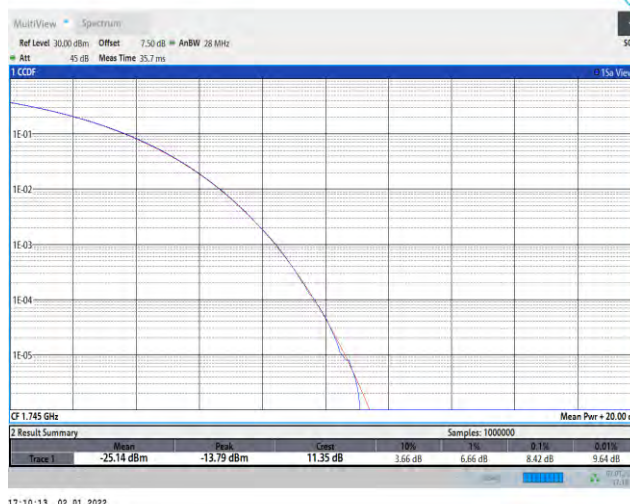


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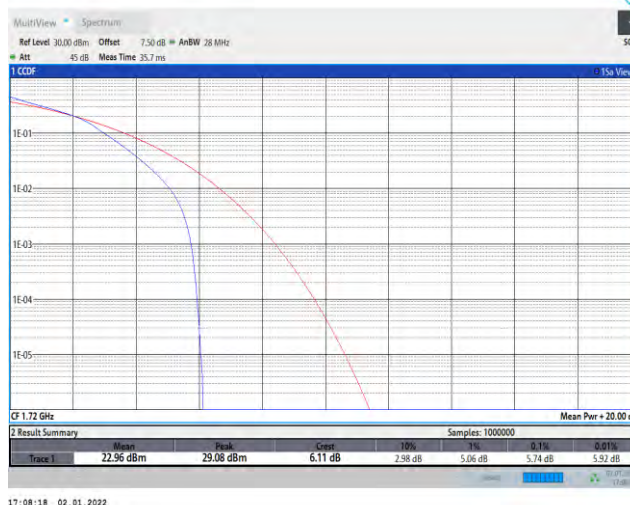
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### Band4-20MHz-QPSK-20300-100RB#0



### Band4-20MHz-16QAM-20050-100RB#0



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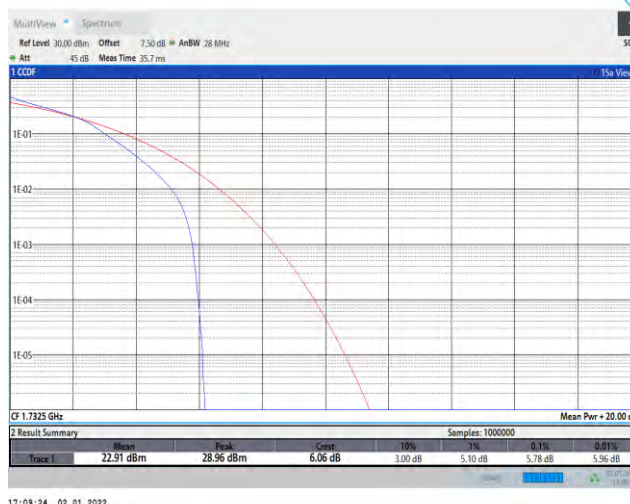
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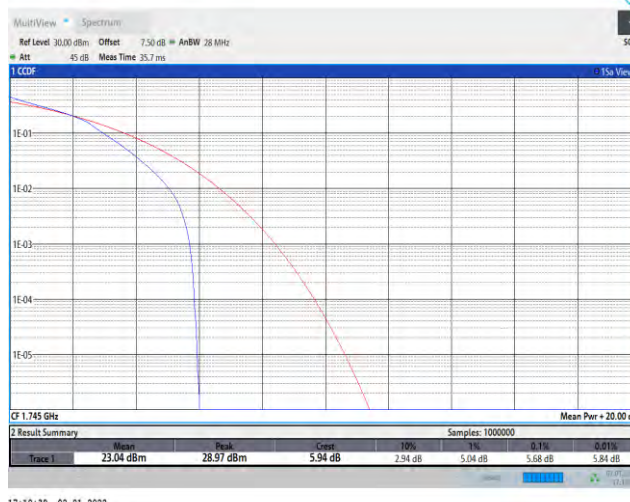
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### Band4-20MHz-16QAM-20175-100RB#0



17:09:24 02.01.2022

### Band4-20MHz-16QAM-20300-100RB#0



17:10:39 02.01.2022



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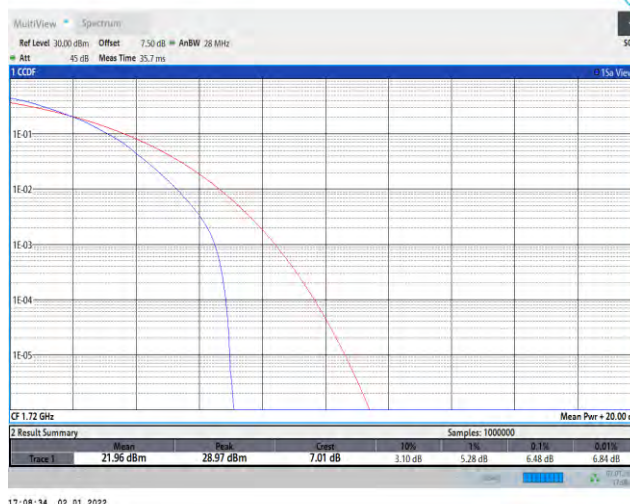
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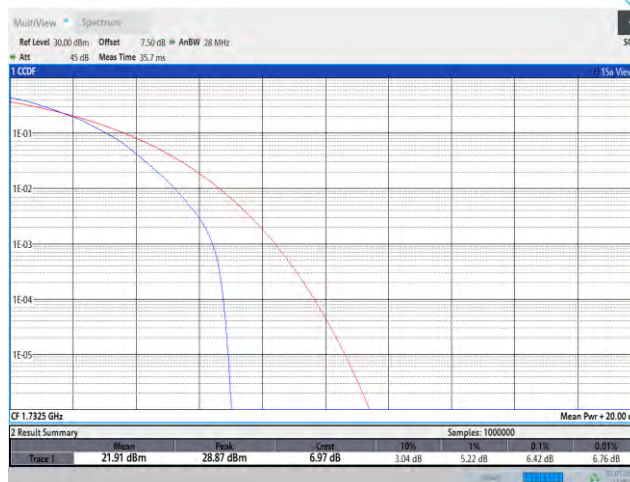
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### Band4-20MHz-64QAM-20050-100RB#0



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### Band4-20MHz-64QAM-20175-100RB#0



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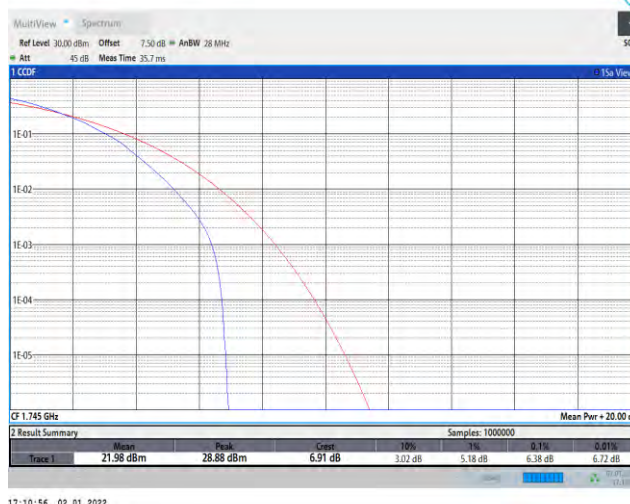
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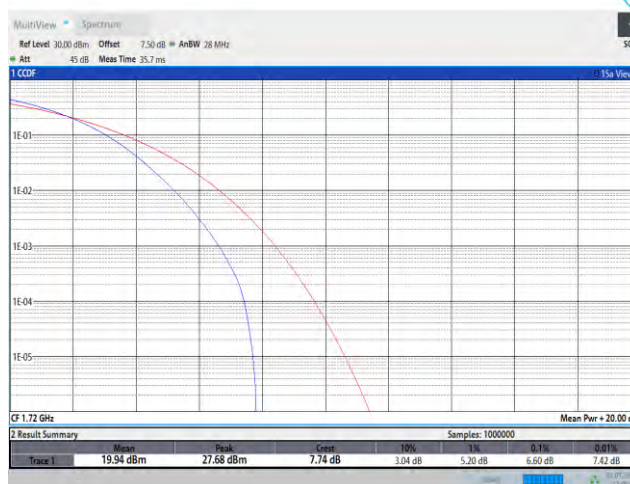
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### Band4-20MHz-64QAM-20300-100RB#0



17:10:56 02.01.2022

### Band4-20MHz-256QAM-20050-100RB#0



17:08:51 02.01.2022



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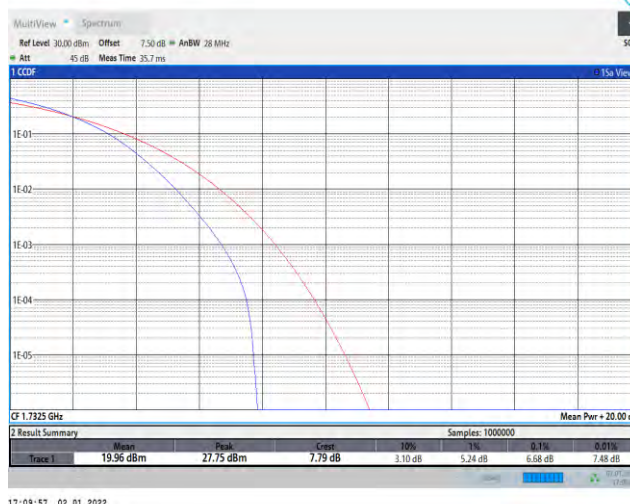
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### Band4-20MHz-256QAM-20175-100RB#0



17:09:57 02.01.2022

### Band4-20MHz-256QAM-20300-100RB#0



17:11:12 02.01.2022



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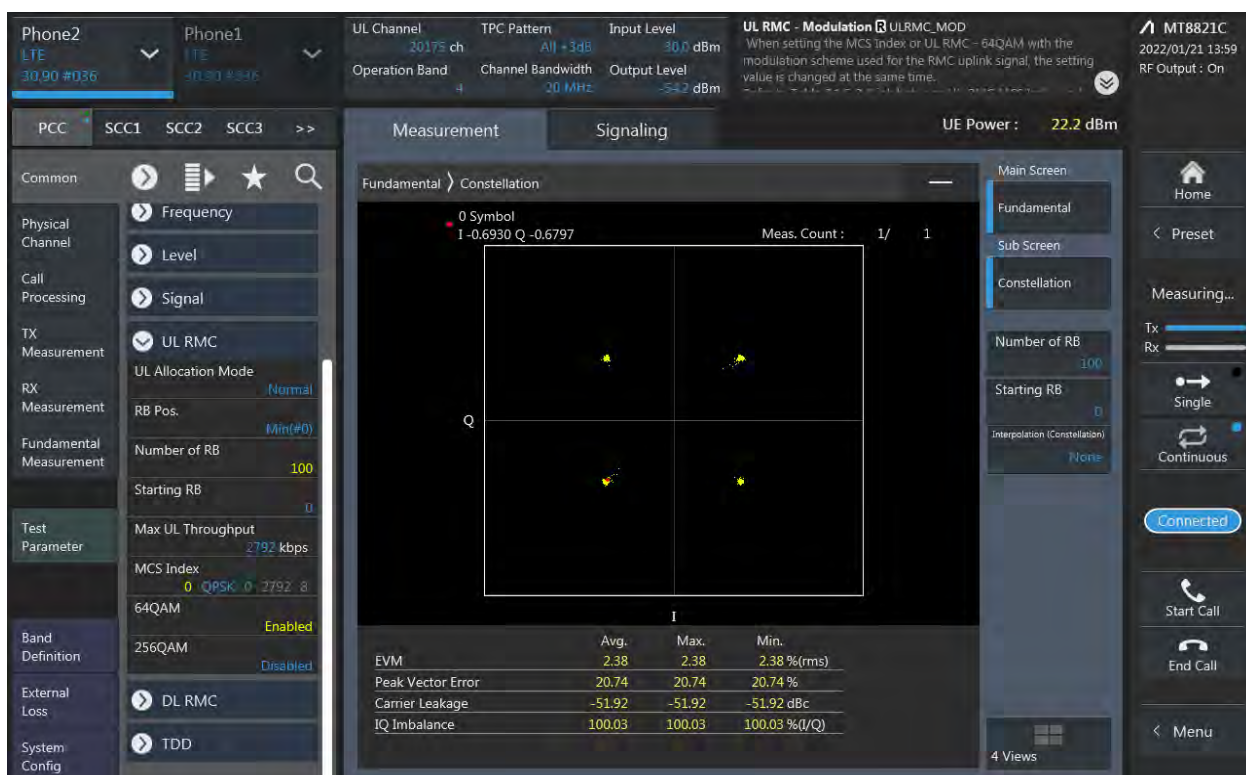
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### Modulation Characteristics

Test Mode = LTE /TM1 20MHz

Test Channel = MCH



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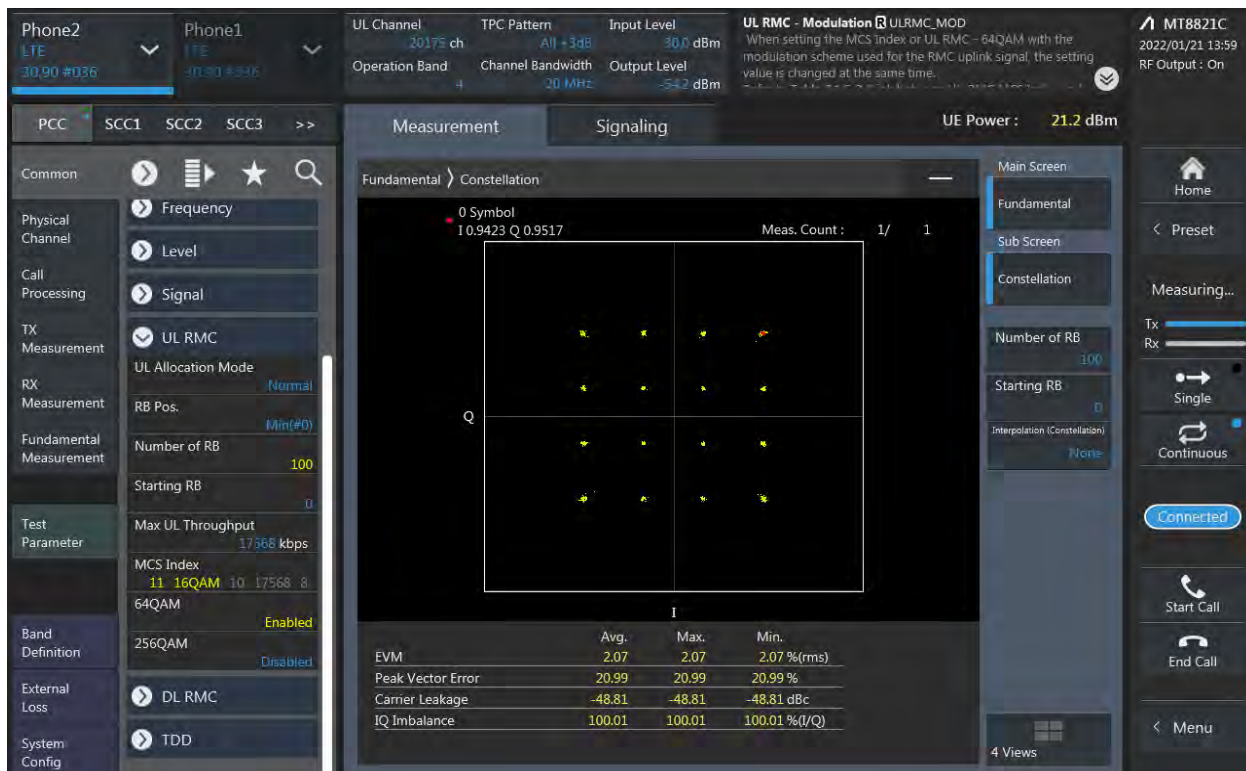
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Test Mode = LTE /TM2 20MHz

Test Channel = MCH



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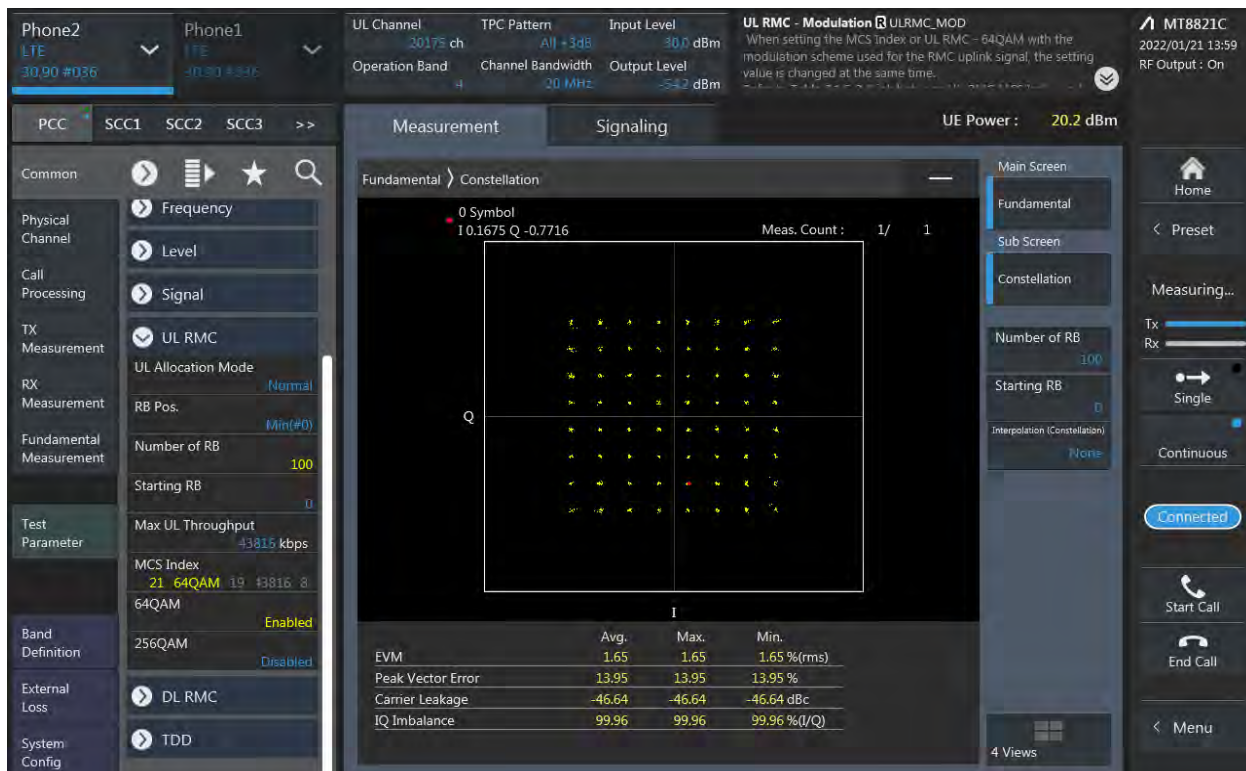
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Test Mode = LTE /TM3 20MHz

Test Channel = MCH



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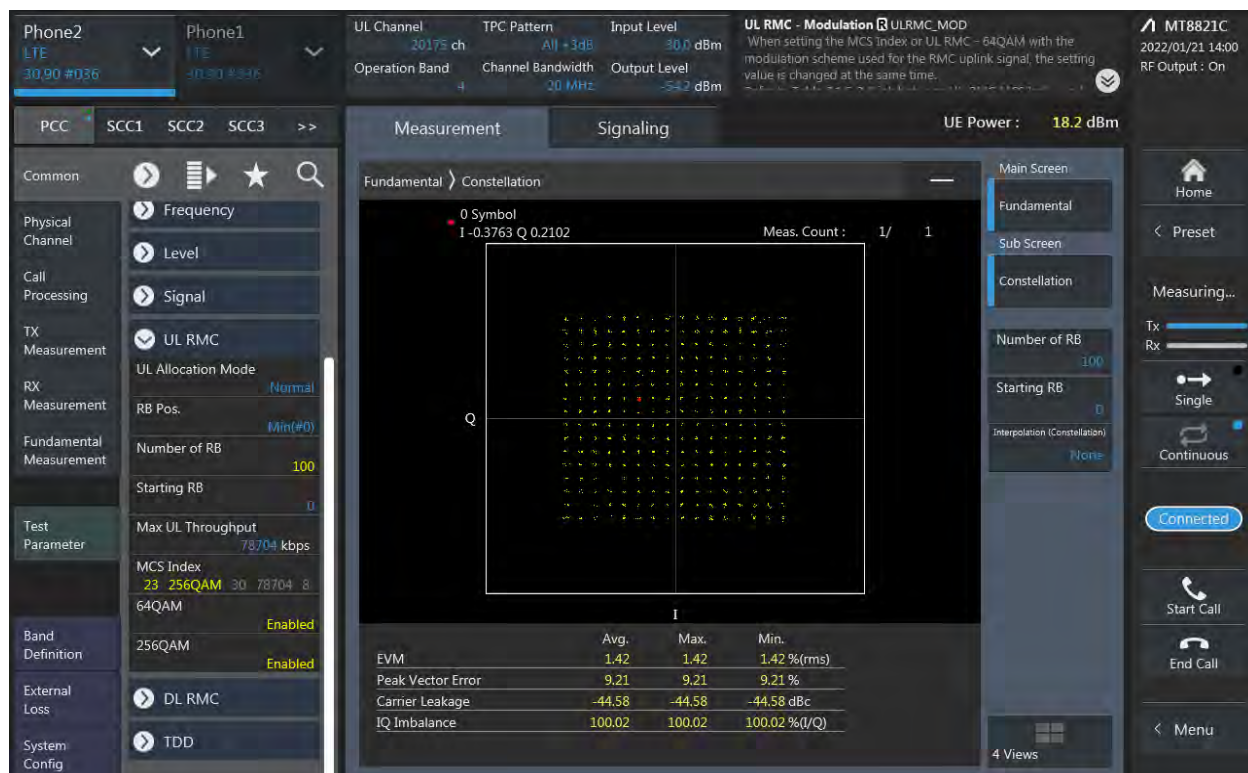
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**Test Mode = LTE /TM4 20MHz**

**Test Channel = MCH**



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## 26dB Bandwidth and Occupied Bandwidth

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 1.134                    | 1.37                 | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 1.104                    | 1.40                 | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 1.104                    | 1.40                 | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 1.138                    | 1.38                 | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 1.11                     | 1.38                 | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | 1.101                    | 1.40                 | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 19957   | 6RB#0            | 1.136                    | 1.36                 | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 20175   | 6RB#0            | 1.105                    | 1.39                 | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 20393   | 6RB#0            | 1.112                    | 1.38                 | PASS    |
| Band4 | 1.4MHz    | 256QAM     | 19957   | 6RB#0            | 1.154                    | 1.37                 | PASS    |
| Band4 | 1.4MHz    | 256QAM     | 20175   | 6RB#0            | 1.103                    | 1.37                 | PASS    |
| Band4 | 1.4MHz    | 256QAM     | 20393   | 6RB#0            | 1.108                    | 1.39                 | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | 2.697                    | 3.04                 | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 15RB#0           | 2.697                    | 3.04                 | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 15RB#0           | 2.693                    | 3.04                 | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 15RB#0           | 2.695                    | 3.08                 | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 15RB#0           | 2.695                    | 3.05                 | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 15RB#0           | 2.693                    | 3.03                 | PASS    |
| Band4 | 3MHz      | 64QAM      | 19965   | 15RB#0           | 2.698                    | 3.08                 | PASS    |
| Band4 | 3MHz      | 64QAM      | 20175   | 15RB#0           | 2.698                    | 3.04                 | PASS    |
| Band4 | 3MHz      | 64QAM      | 20385   | 15RB#0           | 2.697                    | 3.06                 | PASS    |
| Band4 | 3MHz      | 256QAM     | 19965   | 15RB#0           | 2.698                    | 3.04                 | PASS    |
| Band4 | 3MHz      | 256QAM     | 20175   | 15RB#0           | 2.701                    | 3.04                 | PASS    |
| Band4 | 3MHz      | 256QAM     | 20385   | 15RB#0           | 2.7                      | 3.06                 | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 25RB#0           | 4.474                    | 5.08                 | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 25RB#0           | 4.479                    | 5.04                 | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 25RB#0           | 4.48                     | 5.00                 | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 25RB#0           | 4.477                    | 4.96                 | PASS    |
| Band4 | 5MHz      | 16QAM      | 20175   | 25RB#0           | 4.48                     | 5.05                 | PASS    |



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|-------|-------|--------|-------|---------|--------|-------|------|
| Band4 | 5MHz  | 16QAM  | 20375 | 25RB#0  | 4.48   | 5.01  | PASS |
| Band4 | 5MHz  | 64QAM  | 19975 | 25RB#0  | 4.479  | 5.07  | PASS |
| Band4 | 5MHz  | 64QAM  | 20175 | 25RB#0  | 4.484  | 5.06  | PASS |
| Band4 | 5MHz  | 64QAM  | 20375 | 25RB#0  | 4.478  | 5.09  | PASS |
| Band4 | 5MHz  | 256QAM | 19975 | 25RB#0  | 4.475  | 5.01  | PASS |
| Band4 | 5MHz  | 256QAM | 20175 | 25RB#0  | 4.471  | 5.05  | PASS |
| Band4 | 5MHz  | 256QAM | 20375 | 25RB#0  | 4.48   | 5.05  | PASS |
| Band4 | 10MHz | QPSK   | 20000 | 50RB#0  | 8.934  | 9.98  | PASS |
| Band4 | 10MHz | QPSK   | 20175 | 50RB#0  | 8.952  | 9.92  | PASS |
| Band4 | 10MHz | QPSK   | 20350 | 50RB#0  | 8.939  | 9.82  | PASS |
| Band4 | 10MHz | 16QAM  | 20000 | 50RB#0  | 8.943  | 9.86  | PASS |
| Band4 | 10MHz | 16QAM  | 20175 | 50RB#0  | 8.949  | 9.84  | PASS |
| Band4 | 10MHz | 16QAM  | 20350 | 50RB#0  | 8.95   | 9.86  | PASS |
| Band4 | 10MHz | 64QAM  | 20000 | 50RB#0  | 8.941  | 9.84  | PASS |
| Band4 | 10MHz | 64QAM  | 20175 | 50RB#0  | 8.95   | 9.86  | PASS |
| Band4 | 10MHz | 64QAM  | 20350 | 50RB#0  | 8.94   | 9.86  | PASS |
| Band4 | 10MHz | 256QAM | 20000 | 50RB#0  | 8.94   | 9.84  | PASS |
| Band4 | 10MHz | 256QAM | 20175 | 50RB#0  | 8.944  | 9.90  | PASS |
| Band4 | 10MHz | 256QAM | 20350 | 50RB#0  | 8.942  | 9.80  | PASS |
| Band4 | 15MHz | QPSK   | 20025 | 75RB#0  | 13.488 | 14.97 | PASS |
| Band4 | 15MHz | QPSK   | 20175 | 75RB#0  | 13.507 | 15.06 | PASS |
| Band4 | 15MHz | QPSK   | 20325 | 75RB#0  | 13.501 | 15.03 | PASS |
| Band4 | 15MHz | 16QAM  | 20025 | 75RB#0  | 13.476 | 15.00 | PASS |
| Band4 | 15MHz | 16QAM  | 20175 | 75RB#0  | 13.491 | 14.91 | PASS |
| Band4 | 15MHz | 16QAM  | 20325 | 75RB#0  | 13.495 | 14.97 | PASS |
| Band4 | 15MHz | 64QAM  | 20025 | 75RB#0  | 13.487 | 15.00 | PASS |
| Band4 | 15MHz | 64QAM  | 20175 | 75RB#0  | 13.485 | 15.12 | PASS |
| Band4 | 15MHz | 64QAM  | 20325 | 75RB#0  | 13.487 | 15.00 | PASS |
| Band4 | 15MHz | 256QAM | 20025 | 75RB#0  | 13.478 | 14.88 | PASS |
| Band4 | 15MHz | 256QAM | 20175 | 75RB#0  | 13.532 | 14.91 | PASS |
| Band4 | 15MHz | 256QAM | 20325 | 75RB#0  | 13.481 | 14.97 | PASS |
| Band4 | 20MHz | QPSK   | 20050 | 100RB#0 | 18.087 | 19.28 | PASS |
| Band4 | 20MHz | QPSK   | 20175 | 100RB#0 | 17.947 | 19.60 | PASS |
| Band4 | 20MHz | QPSK   | 20300 | 100RB#0 | 17.914 | 19.96 | PASS |
| Band4 | 20MHz | 16QAM  | 20050 | 100RB#0 | 17.926 | 19.52 | PASS |
| Band4 | 20MHz | 16QAM  | 20175 | 100RB#0 | 17.915 | 19.72 | PASS |
| Band4 | 20MHz | 16QAM  | 20300 | 100RB#0 | 17.92  | 19.56 | PASS |
| Band4 | 20MHz | 64QAM  | 20050 | 100RB#0 | 17.887 | 19.52 | PASS |



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|       |       |        |       |         |        |       |      |
|-------|-------|--------|-------|---------|--------|-------|------|
| Band4 | 20MHz | 64QAM  | 20175 | 100RB#0 | 17.945 | 19.60 | PASS |
| Band4 | 20MHz | 64QAM  | 20300 | 100RB#0 | 17.916 | 19.60 | PASS |
| Band4 | 20MHz | 256QAM | 20050 | 100RB#0 | 17.906 | 19.64 | PASS |
| Band4 | 20MHz | 256QAM | 20175 | 100RB#0 | 17.916 | 19.72 | PASS |
| Band4 | 20MHz | 256QAM | 20300 | 100RB#0 | 17.914 | 19.68 | PASS |



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### Test Graphs

Band4-1.4MHz-QPSK-19957-6RB#0



16:37:18 02.01.2022

Band4-1.4MHz-QPSK-20175-6RB#0



14:08:27 06.01.2022



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### Band4-1.4MHz-QPSK-20393-6RB#0



14:08:45 06.01.2022

### Band4-1.4MHz-16QAM-19957-6RB#0



16:37:36 02.01.2022

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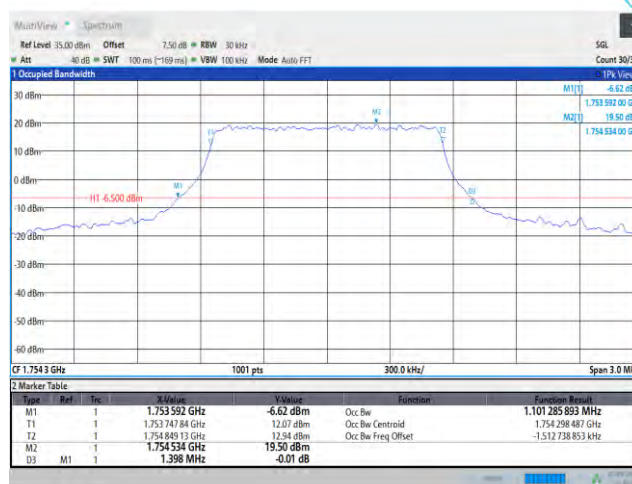
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### Band4-1.4MHz-16QAM-20175-6RB#0



16:38:52 02.01.2022

### Band4-1.4MHz-16QAM-20393-6RB#0



16:40:09 02.01.2022

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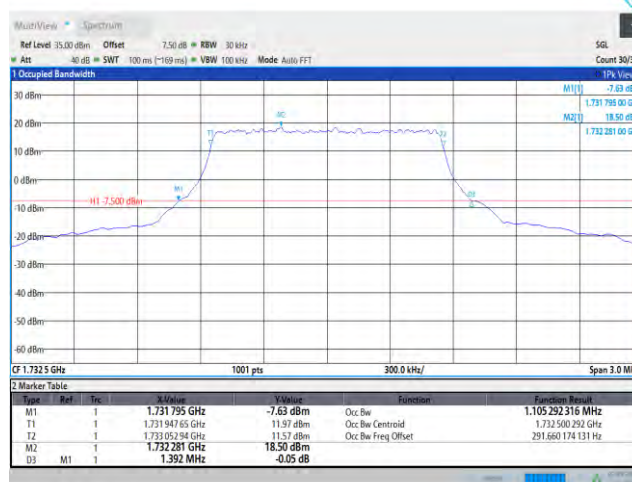
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### Band4-1.4MHz-64QAM-19957-6RB#0



16:37:54 02.01.2022

### Band4-1.4MHz-64QAM-20175-6RB#0



16:39:11 02.01.2022

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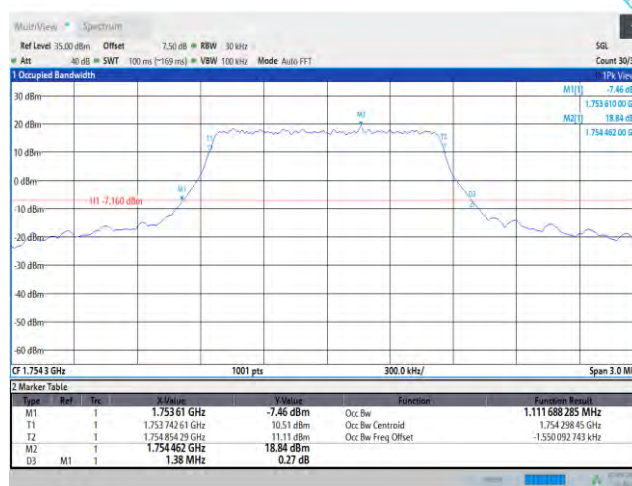


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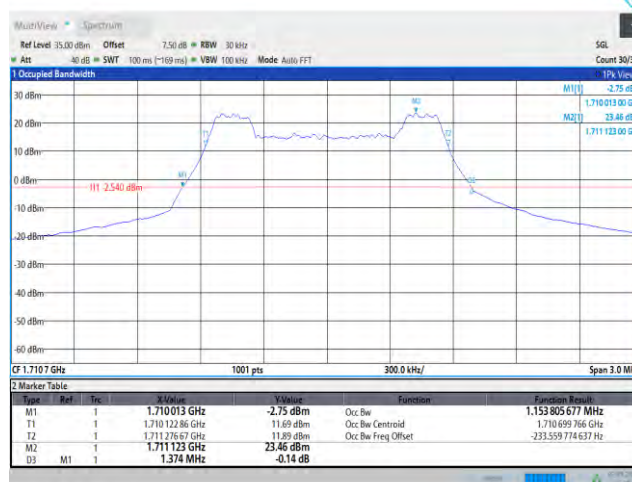
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### Band4-1.4MHz-64QAM-20393-6RB#0



16:40:27 02.01.2022

### Band4-1.4MHz-256QAM-19957-6RB#0



16:38:12 02.01.2022

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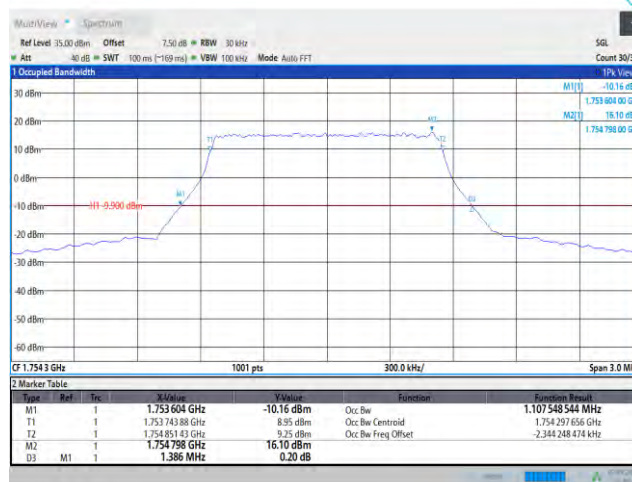
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### Band4-1.4MHz-256QAM-20175-6RB#0



16:39:29 02.01.2022

### Band4-1.4MHz-256QAM-20393-6RB#0



16:40:45 02.01.2022

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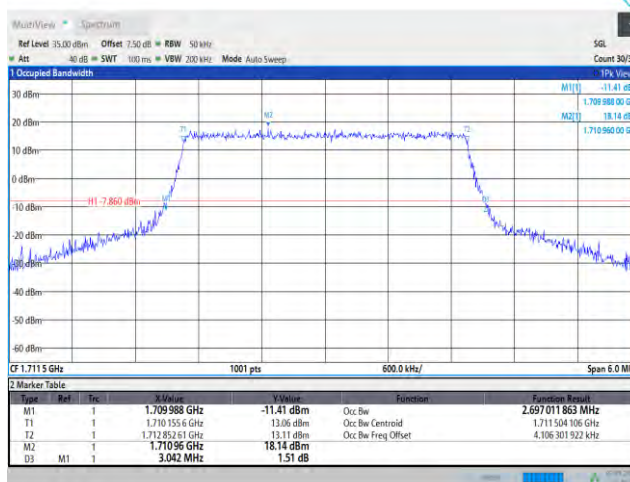


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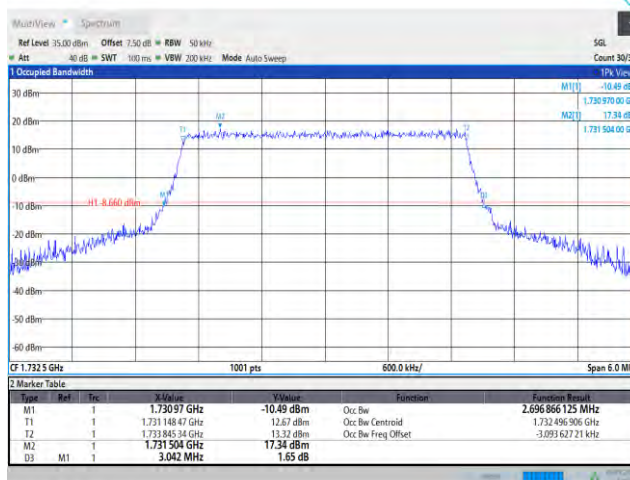
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### Band4-3MHz-QPSK-19965-15RB#0



16:41:18 02.01.2022

### Band4-3MHz-QPSK-20175-15RB#0



14:09:18 06.01.2022

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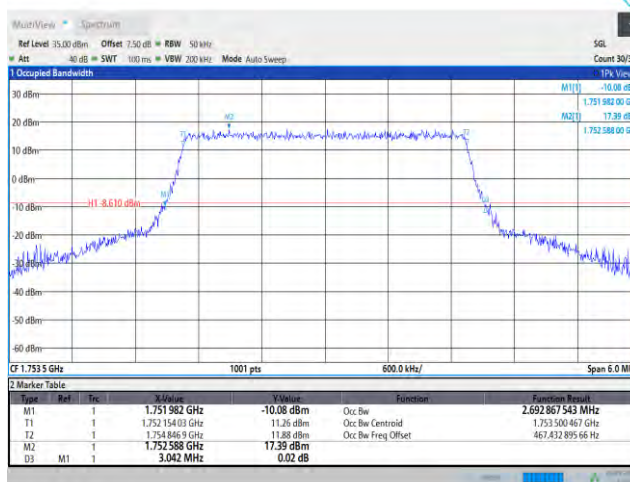


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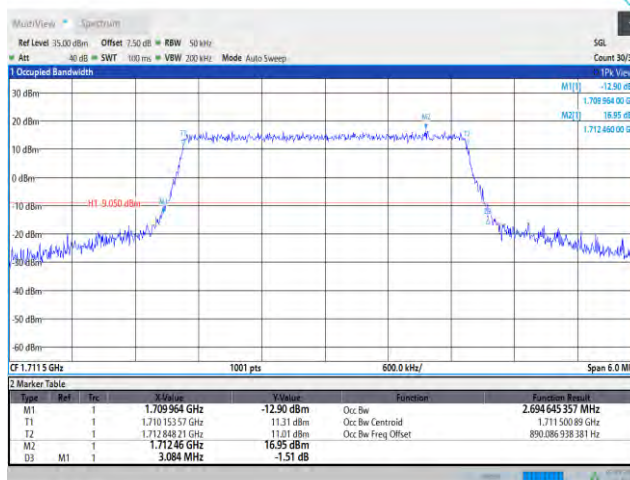
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### Band4-3MHz-QPSK-20385-15RB#0



14:09:36 06.01.2022

### Band4-3MHz-16QAM-19965-15RB#0



16:41:36 02.01.2022

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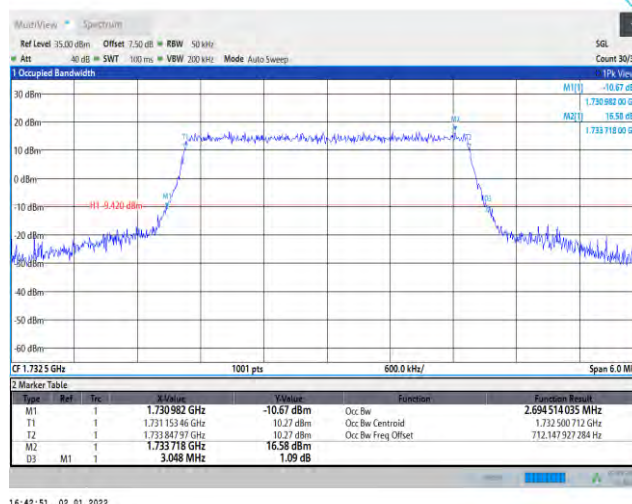


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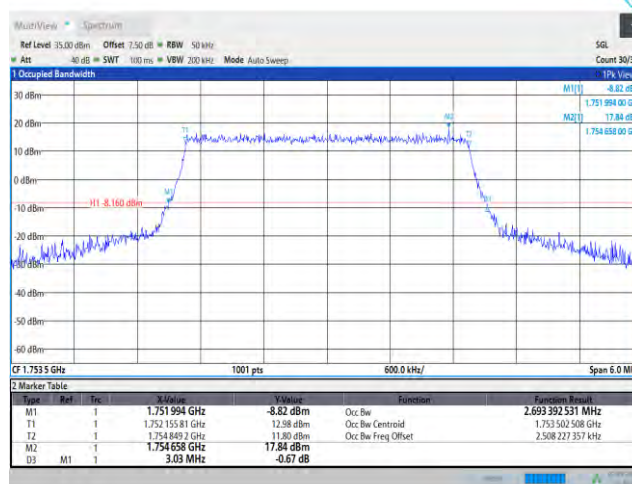
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### Band4-3MHz-16QAM-20175-15RB#0



16:42:51 02.01.2022

### Band4-3MHz-16QAM-20385-15RB#0



16:44:07 02.01.2022

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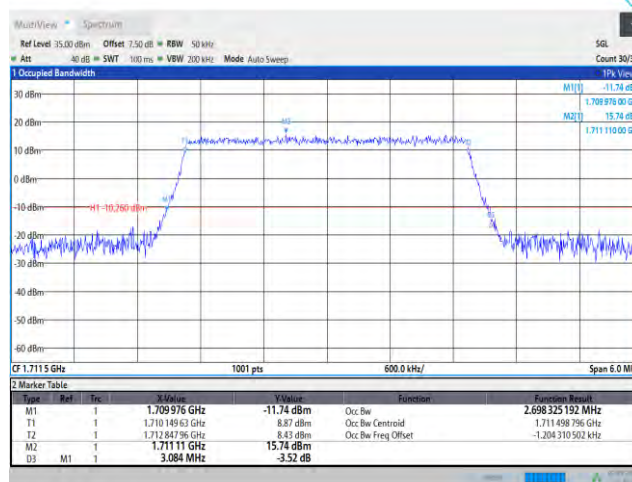


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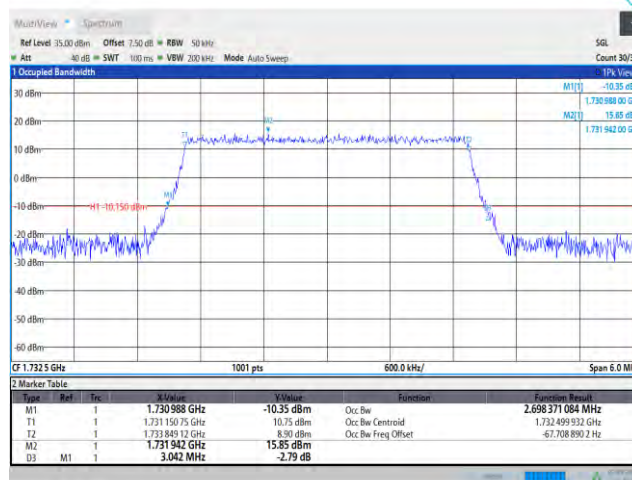
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### Band4-3MHz-64QAM-19965-15RB#0



16:41:54 02.01.2022

### Band4-3MHz-64QAM-20175-15RB#0



16:43:09 02.01.2022



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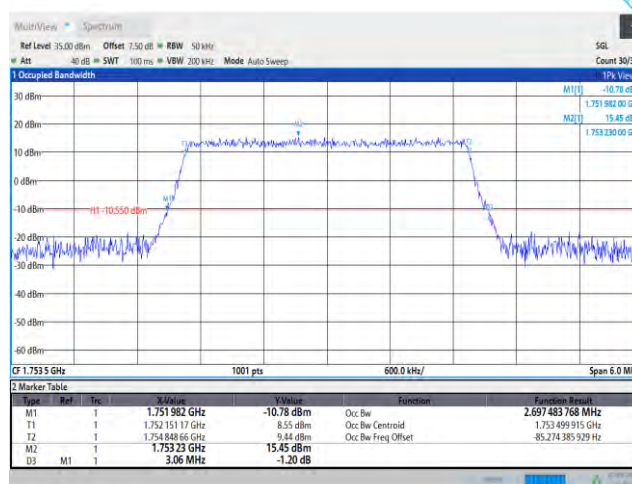
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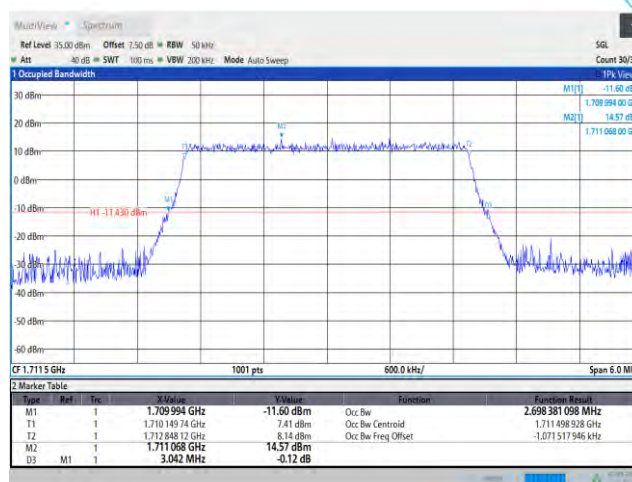
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### Band4-3MHz-64QAM-20385-15RB#0



16:44:25 02.01.2022

### Band4-3MHz-256QAM-19965-15RB#0



16:42:12 02.01.2022

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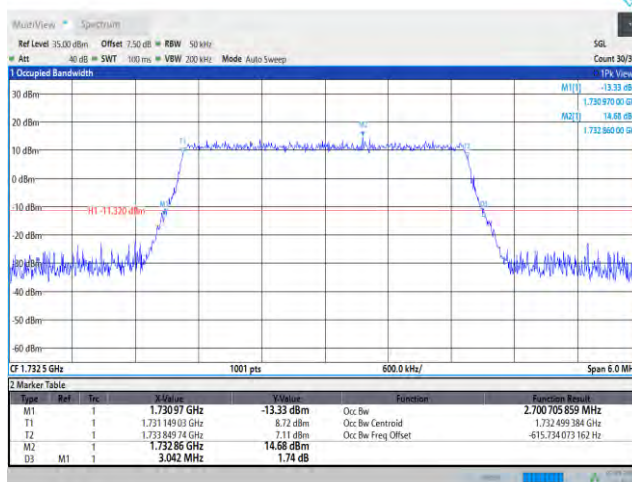


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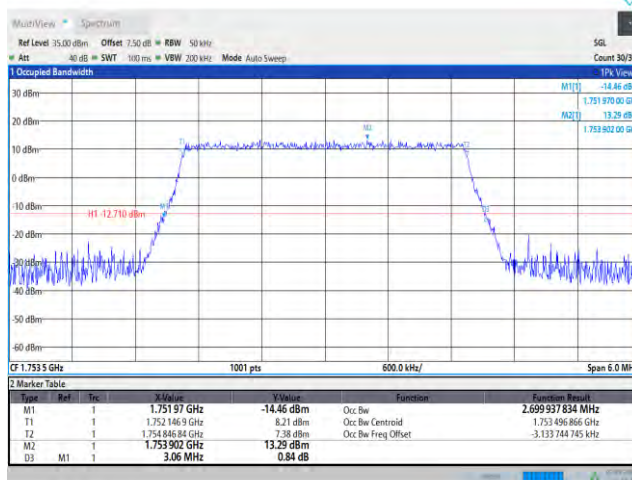
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### Band4-3MHz-256QAM-20175-15RB#0



16:43:27 02.01.2022

### Band4-3MHz-256QAM-20385-15RB#0



16:44:43 02.01.2022

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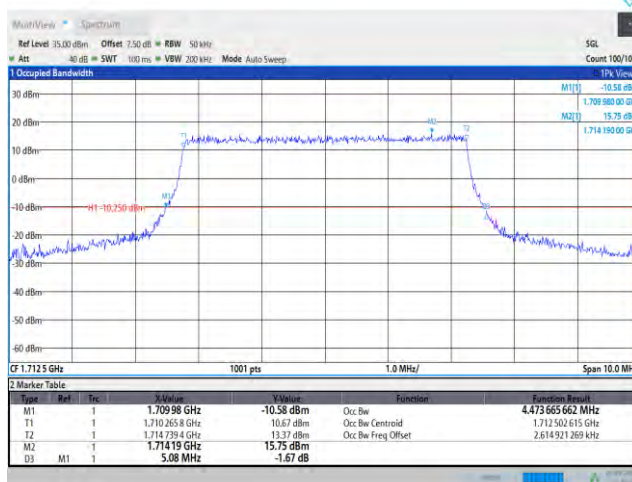


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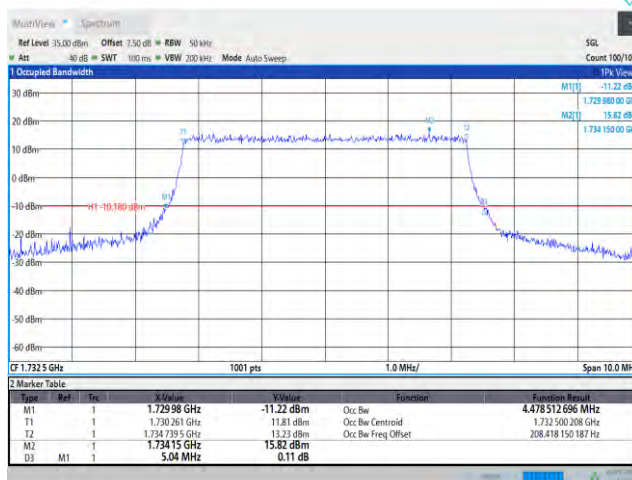
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### Band4-5MHz-QPSK-19975-25RB#0



16:45:25 02.01.2022

### Band4-5MHz-QPSK-20175-25RB#0



14:10:16 06.01.2022

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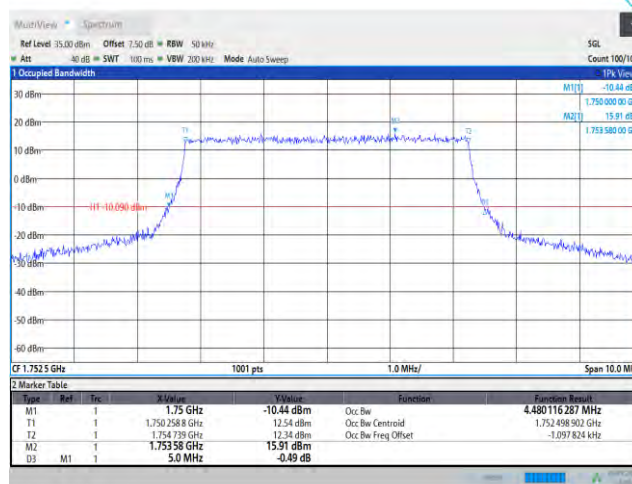


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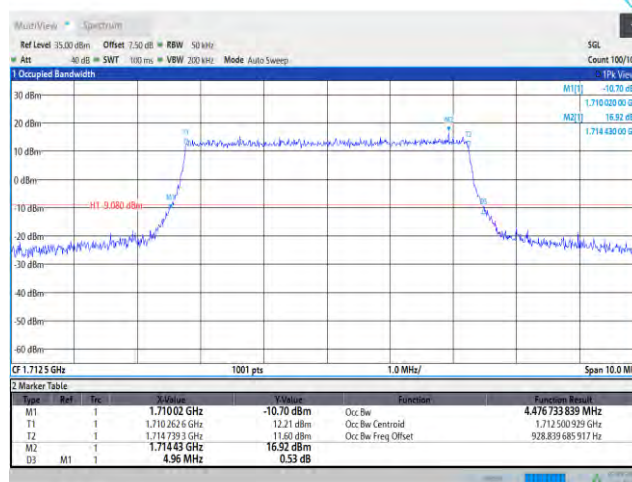
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### Band4-5MHz-QPSK-20375-25RB#0



14:10:42 06.01.2022

### Band4-5MHz-16QAM-19975-25RB#0



16:45:50 02.01.2022

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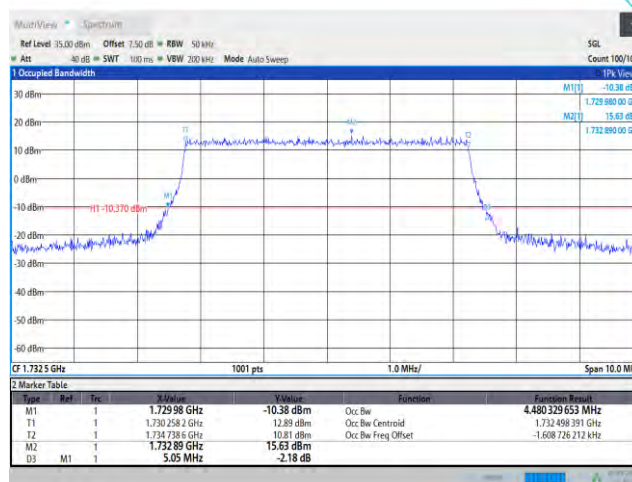


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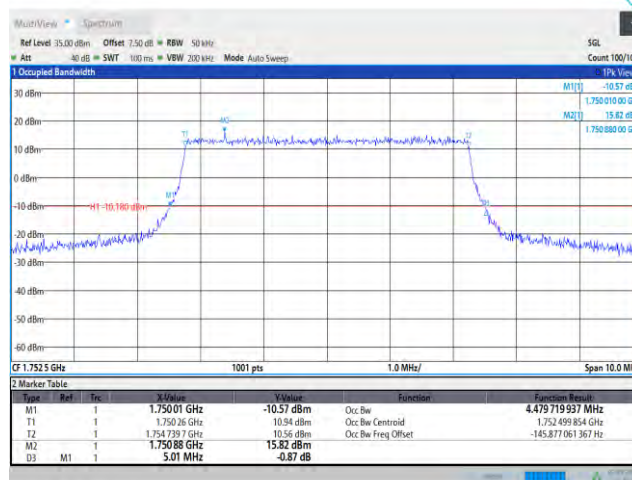
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### Band4-5MHz-16QAM-20175-25RB#0



16:47:39 02.01.2022

### Band4-5MHz-16QAM-20375-25RB#0



16:49:15 02.01.2022

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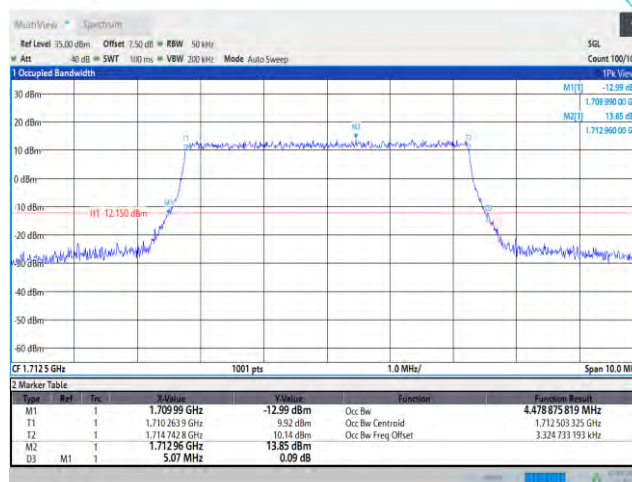


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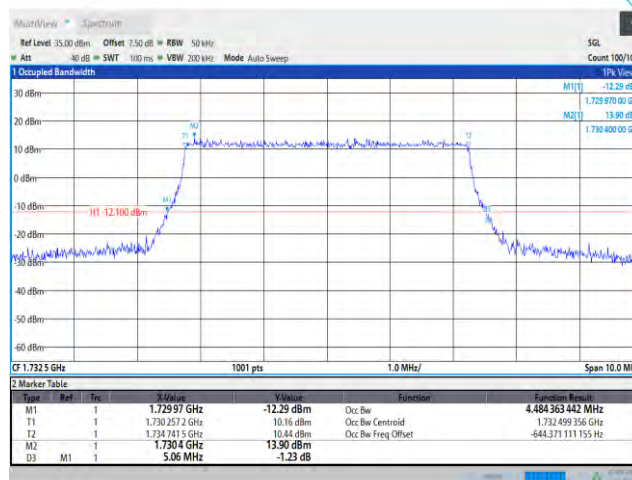
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### Band4-5MHz-64QAM-19975-25RB#0



16:46:15 02.01.2022

### Band4-5MHz-64QAM-20175-25RB#0



16:47:58 02.01.2022

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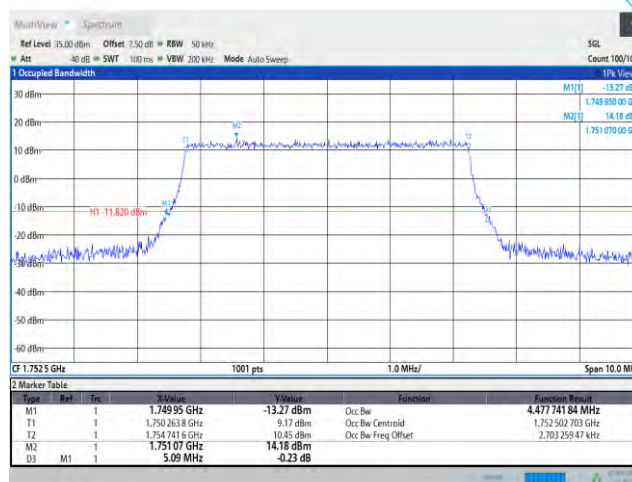


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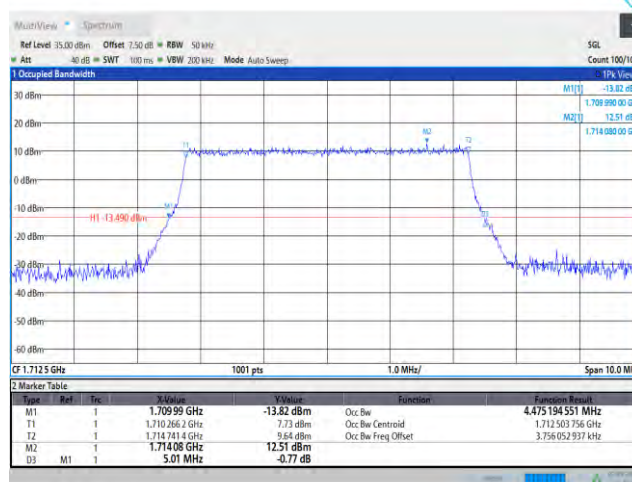
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### Band4-5MHz-64QAM-20375-25RB#0



16:49:40 02.01.2022

### Band4-5MHz-256QAM-19975-25RB#0



16:46:40 02.01.2022

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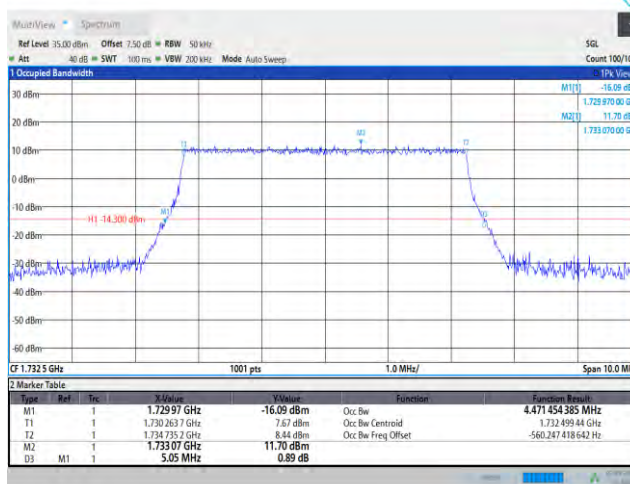


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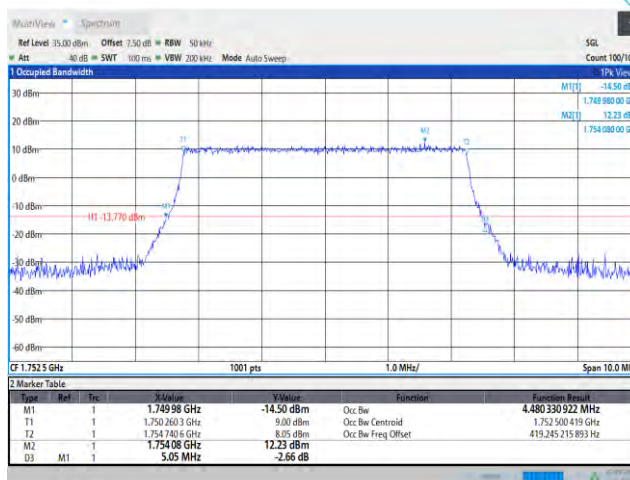
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### Band4-5MHz-256QAM-20175-25RB#0



16:48:23 02.01.2022

### Band4-5MHz-256QAM-20375-25RB#0



16:50:05 02.01.2022

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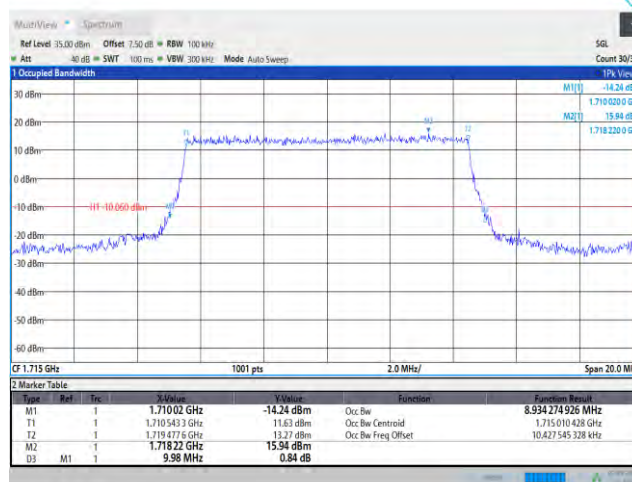


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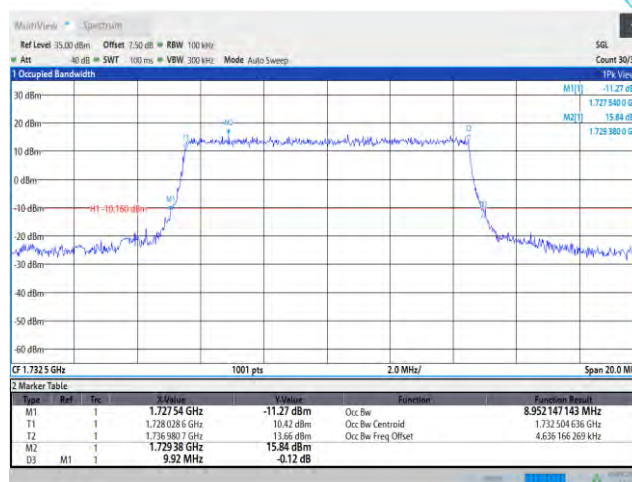
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### Band4-10MHz-QPSK-20000-50RB#0



16:50:38 02.01.2022

### Band4-10MHz-QPSK-20175-50RB#0



14:11:15 06.01.2022

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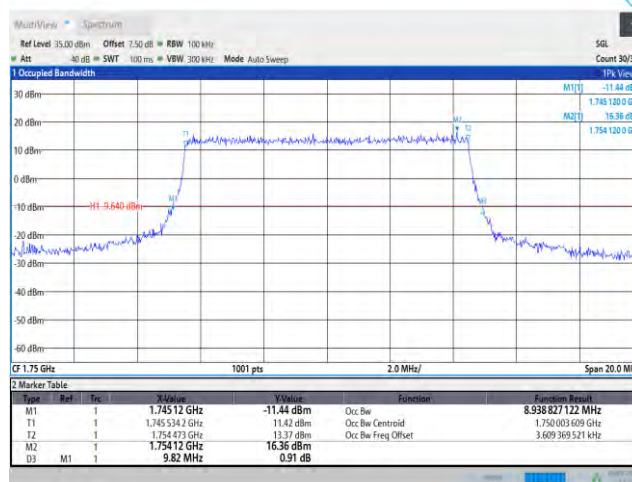


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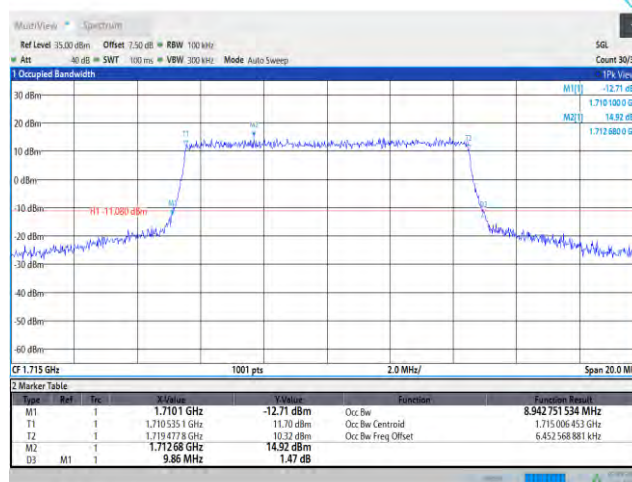
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### Band4-10MHz-QPSK-20350-50RB#0



14:11:39 06.01.2022

### Band4-10MHz-16QAM-20000-50RB#0



16:50:56 02.01.2022

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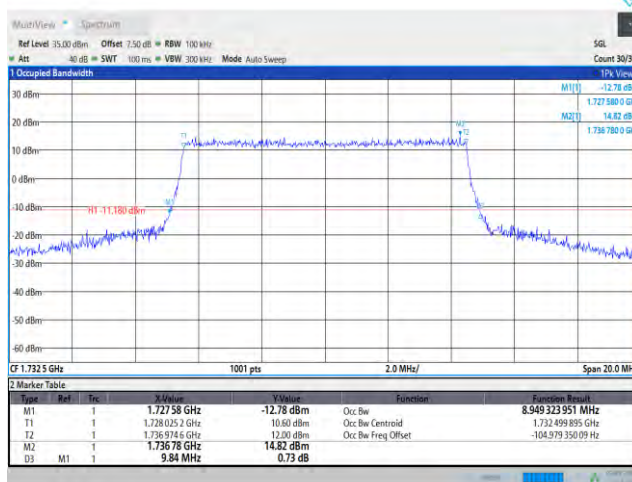


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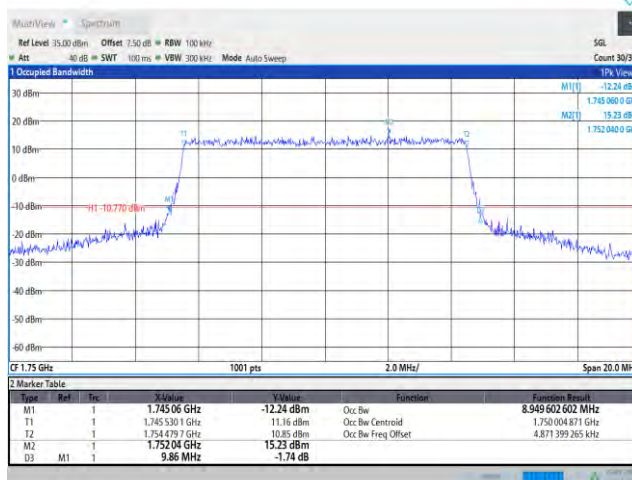
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### Band4-10MHz-16QAM-20175-50RB#0



16:52:11 02.01.2022

### Band4-10MHz-16QAM-20350-50RB#0



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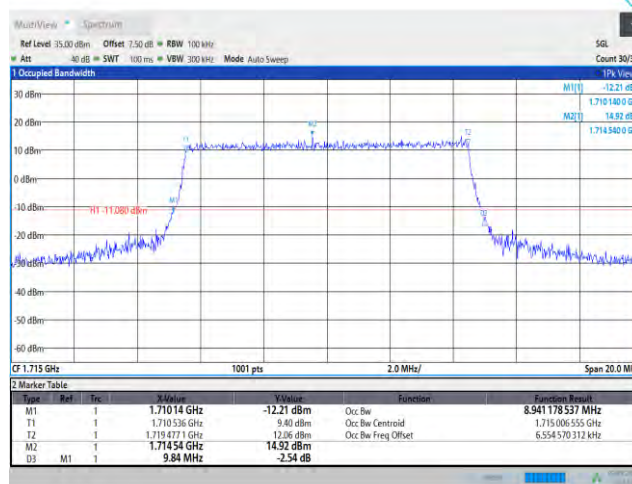


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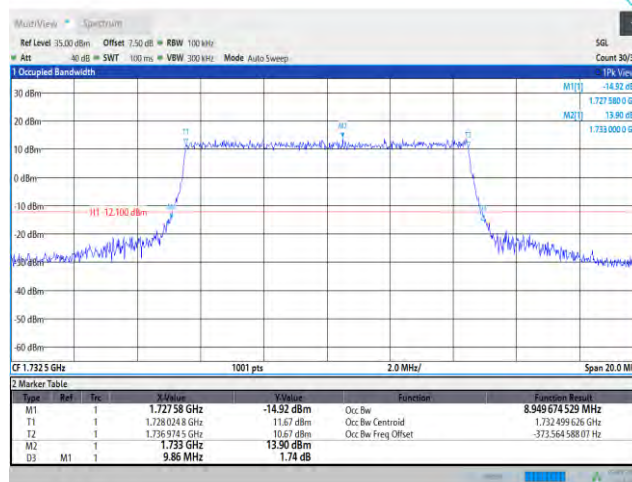
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### Band4-10MHz-64QAM-20000-50RB#0



16:51:15 02.01.2022

### Band4-10MHz-64QAM-20175-50RB#0



16:52:29 02.01.2022

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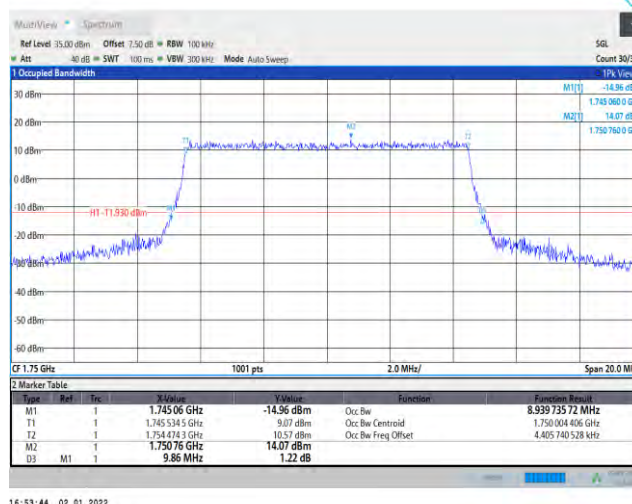


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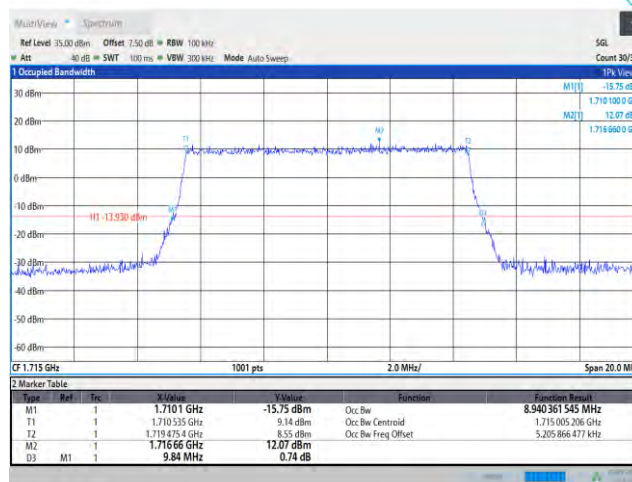
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### Band4-10MHz-64QAM-20350-50RB#0



16:53:44 02.01.2022

### Band4-10MHz-256QAM-20000-50RB#0



16:51:39 02.01.2022

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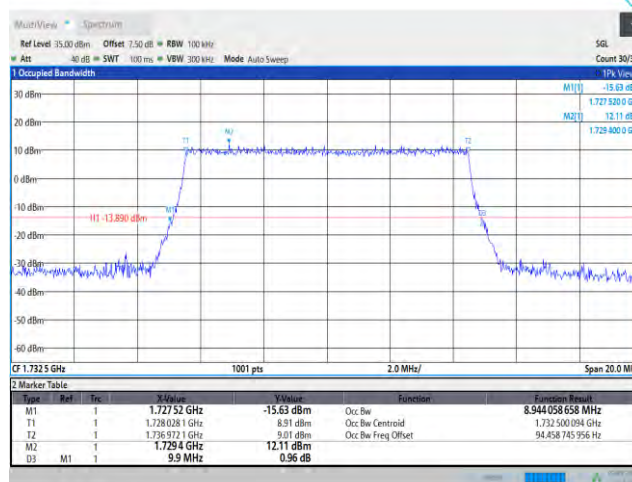


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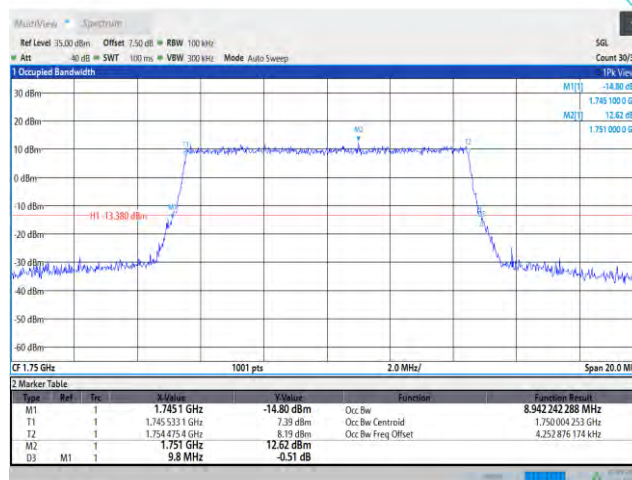
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16:52:47 02.01.2022

### Band4-10MHz-256QAM-20350-50RB#0



16:54:02 02.01.2022

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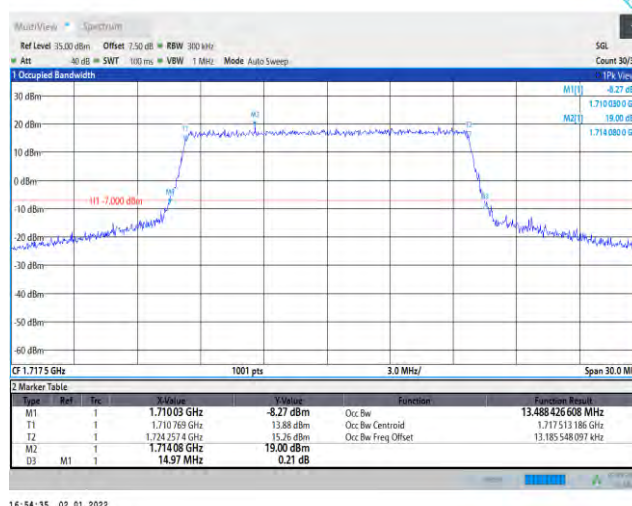


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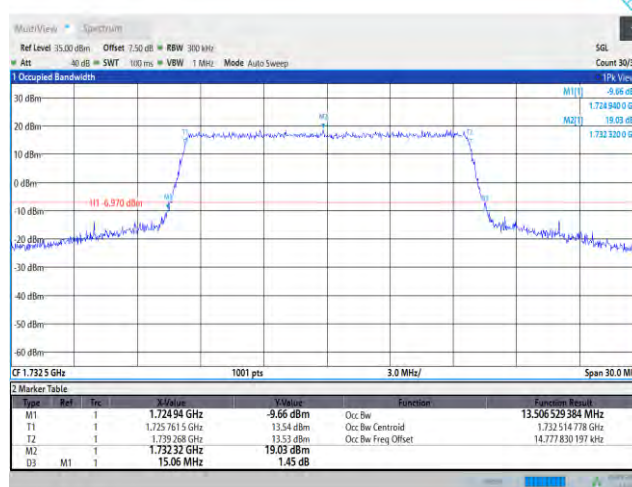
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### Band4-15MHz-QPSK-20025-75RB#0



16:54:35 02.01.2022

### Band4-15MHz-QPSK-20175-75RB#0



14:12:06 06.01.2022

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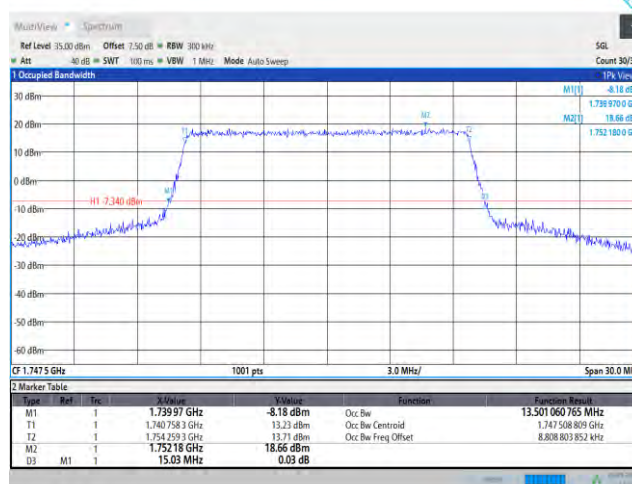


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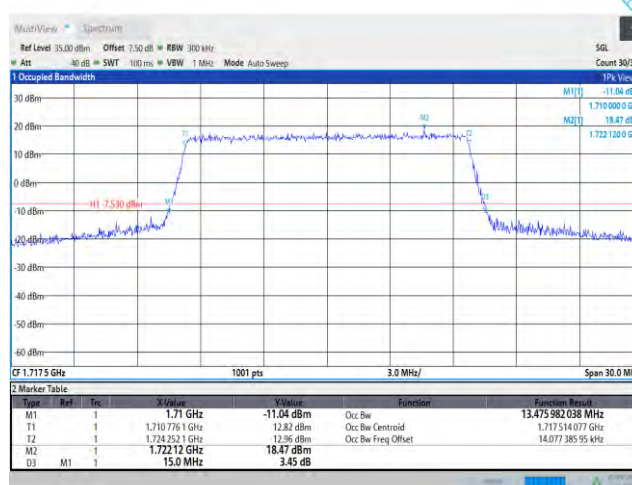
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## Band4-15MHz-QPSK-20325-75RB#0



14:12:24 06.01.2022

## Band4-15MHz-16QAM-20025-75RB#0



16:54:53 02.01.2022

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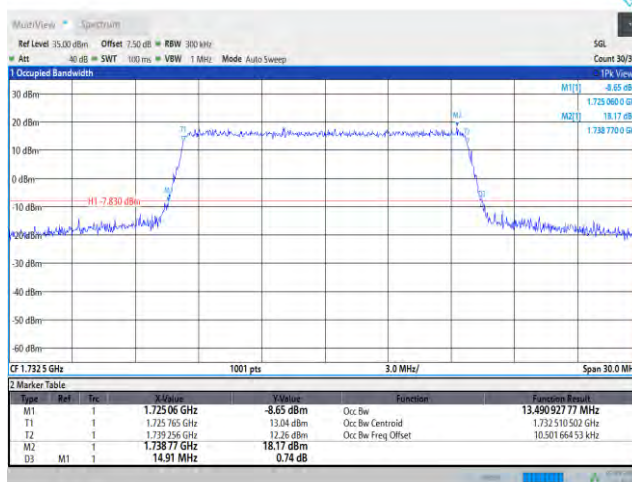


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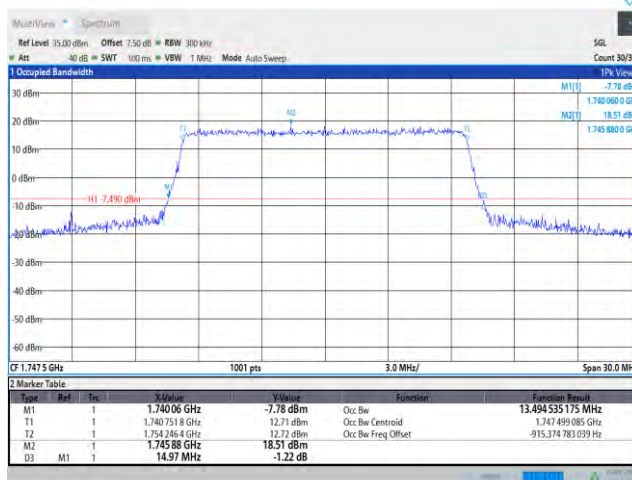
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### Band4-15MHz-16QAM-20175-75RB#0



16:56:05 02.01.2022

### Band4-15MHz-16QAM-20325-75RB#0



16:57:28 02.01.2022

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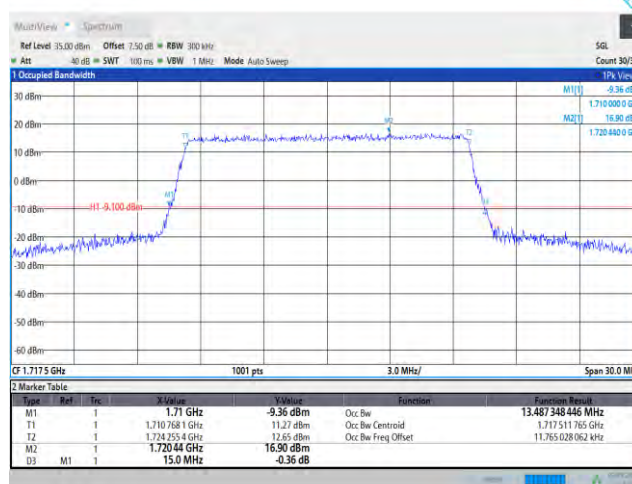


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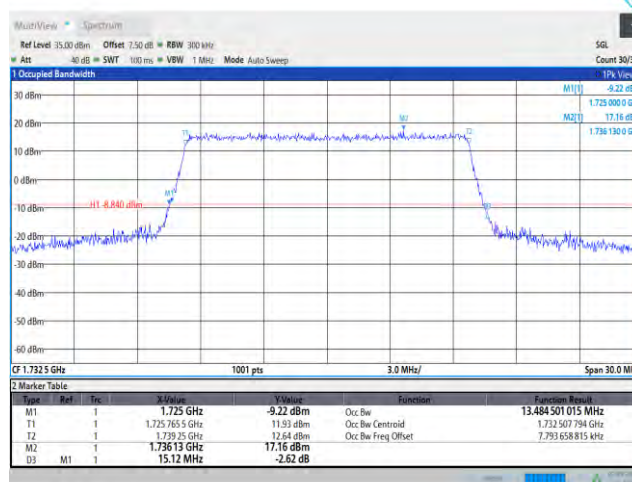
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### Band4-15MHz-64QAM-20025-75RB#0



16:55:11 02.01.2022

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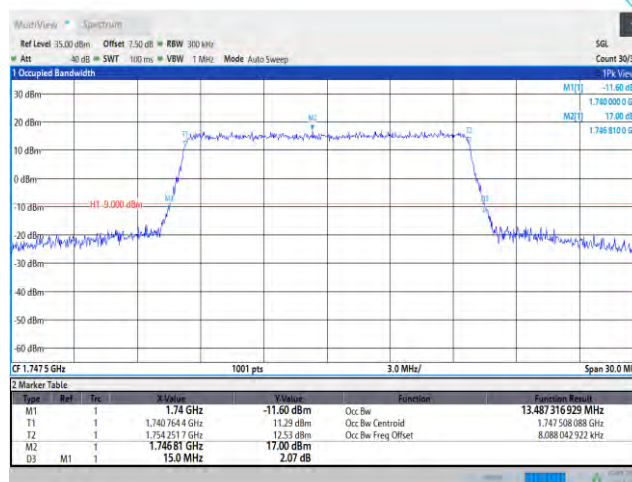


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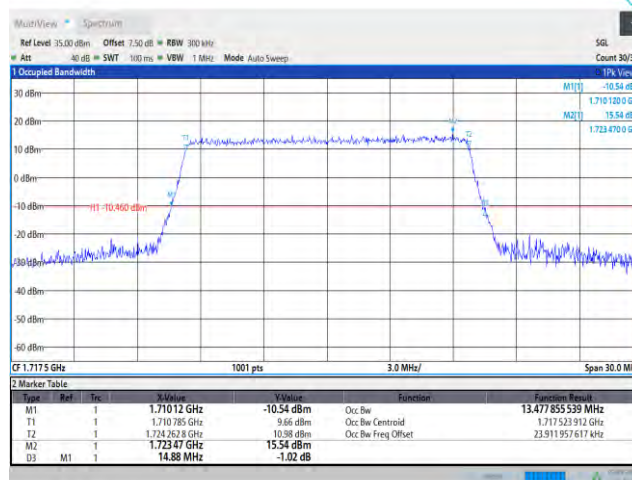
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### Band4-15MHz-64QAM-20325-75RB#0



16:57:46 02.01.2022

### Band4-15MHz-256QAM-20025-75RB#0



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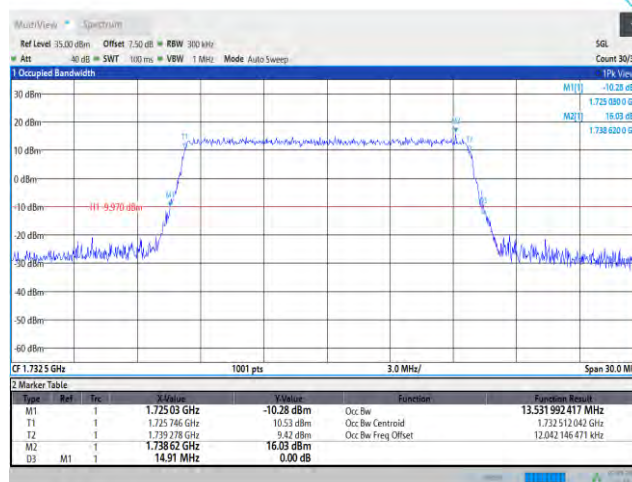


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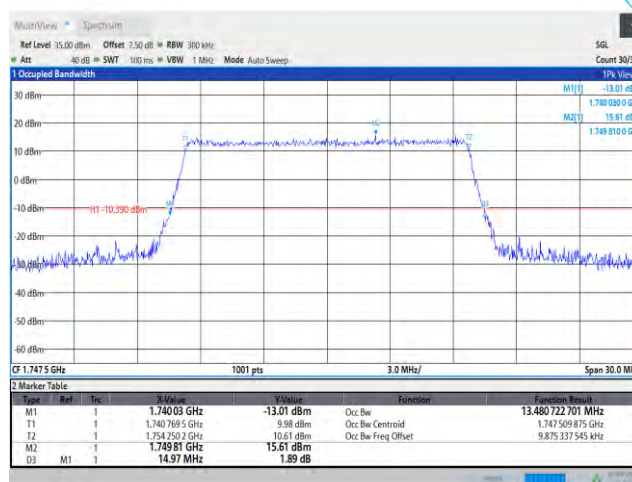
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### Band4-15MHz-256QAM-20175-75RB#0



16:56:42 02.01.2022

### Band4-15MHz-256QAM-20325-75RB#0



16:58:04 02.01.2022

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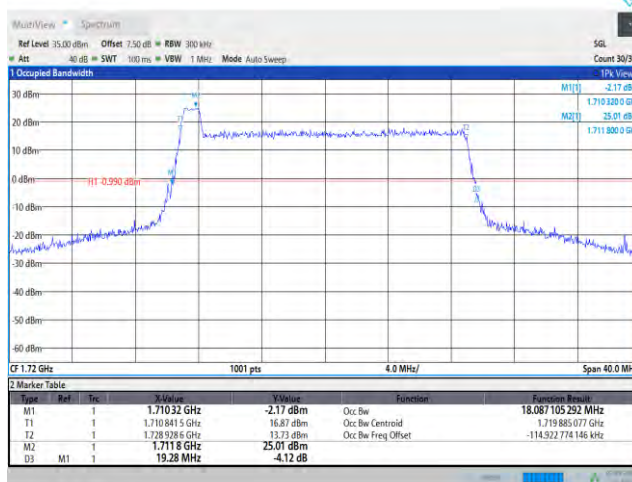


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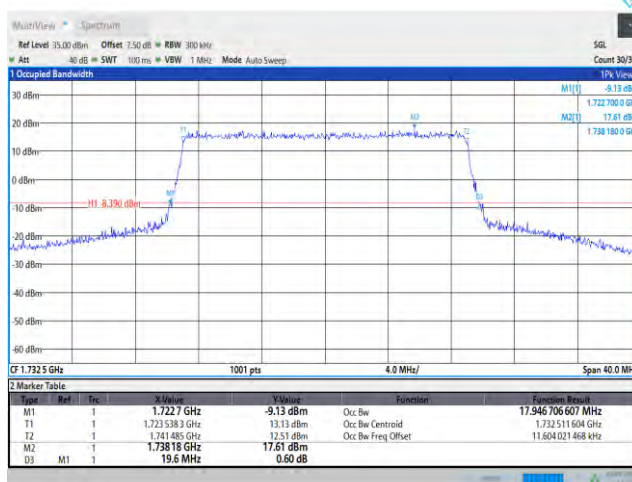
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16:58:37 02.01.2022

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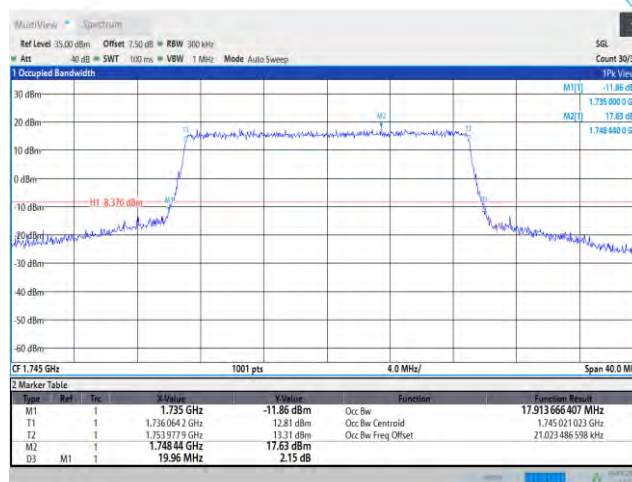


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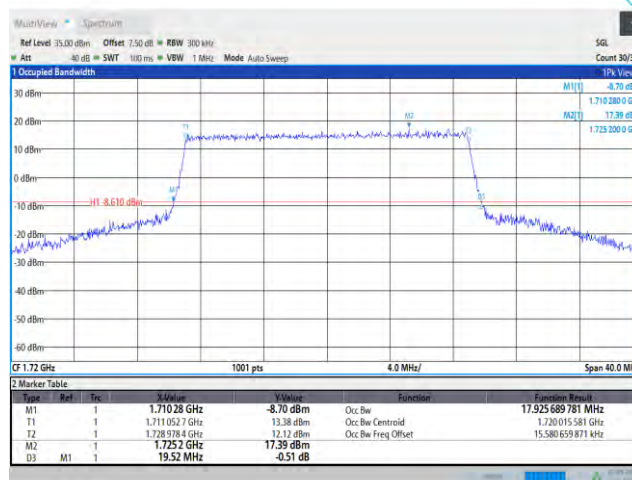
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### Band4-20MHz-QPSK-20300-100RB#0



14:13:15 06.01.2022

### Band4-20MHz-16QAM-20050-100RB#0



16:58:55 02.01.2022

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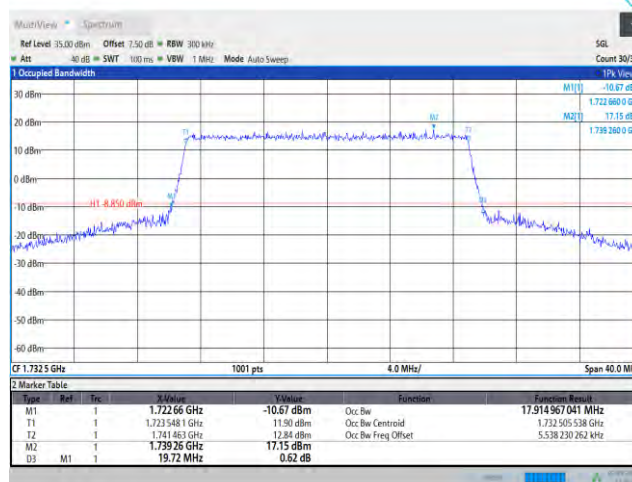


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Rev.: 01

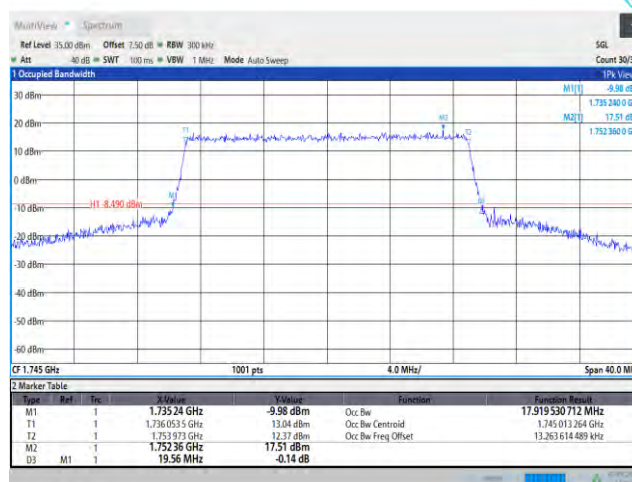
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### Band4-20MHz-16QAM-20175-100RB#0



17:00:07 02.01.2022

### Band4-20MHz-16QAM-20300-100RB#0



17:01:20 02.01.2022

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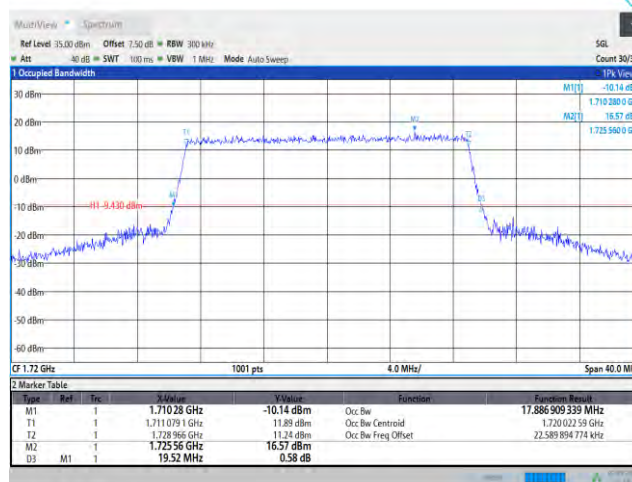


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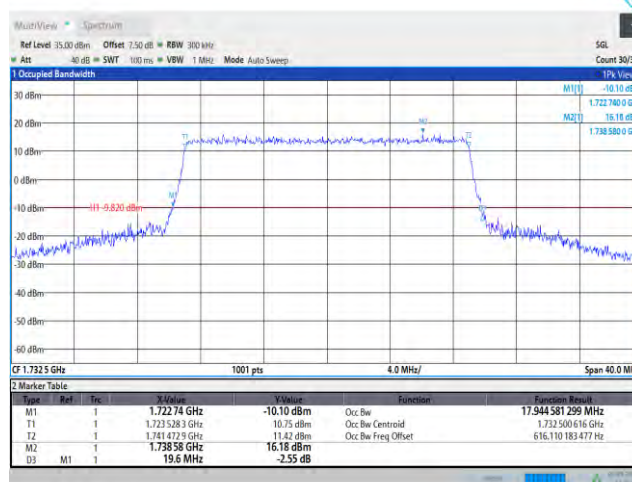
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### Band4-20MHz-64QAM-20050-100RB#0



16:59:13 02.01.2022

### Band4-20MHz-64QAM-20175-100RB#0



17:00:25 02.01.2022

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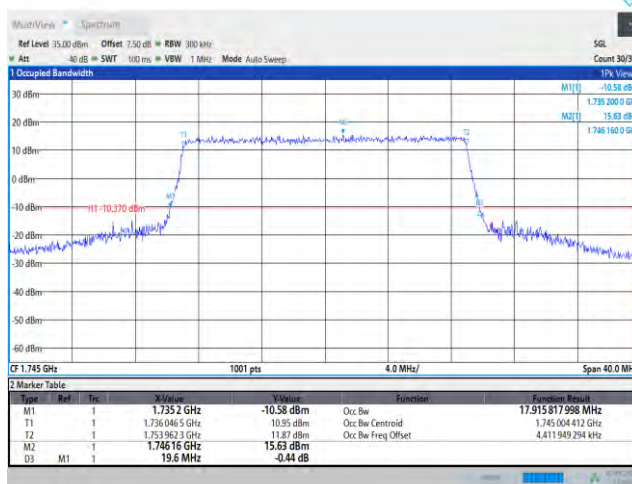


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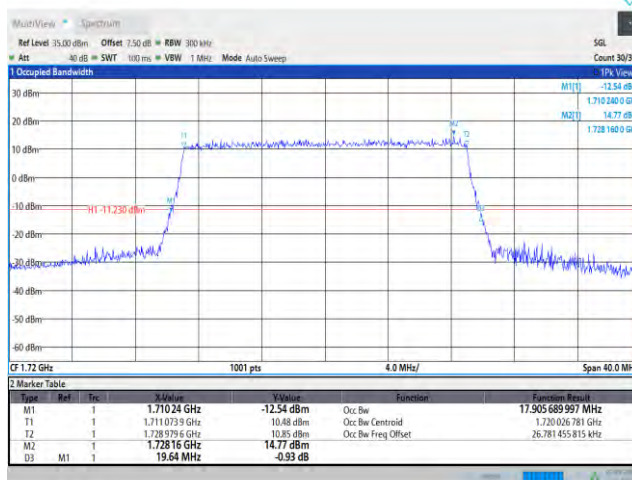
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### Band4-20MHz-64QAM-20300-100RB#0



17:01:38 02.01.2022

### Band4-20MHz-256QAM-20050-100RB#0



16:59:31 02.01.2022

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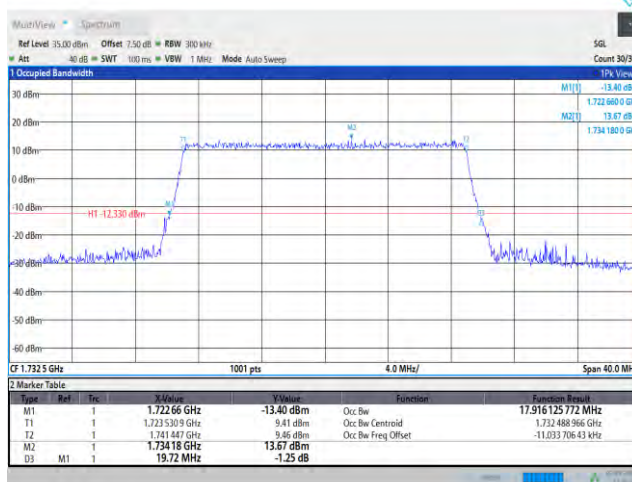


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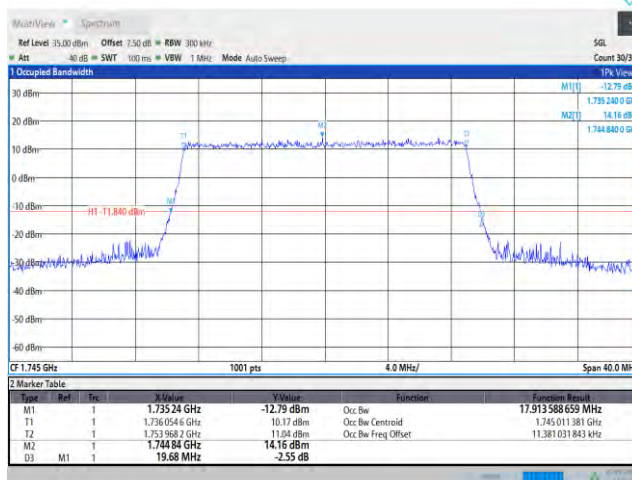
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### Band4-20MHz-256QAM-20175-100RB#0



17:00:43 02.01.2022

### Band4-20MHz-256QAM-20300-100RB#0



17:01:56 02.01.2022

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