



# Appendix B

## E-UTRA Band 4



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# 1 Effective (Isotropic) Radiated Power

## 1.1. Test Result for Ant2

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Conducted Power(dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|-------|-----------|------------|---------|------------------|----------------------|------------|-------------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#0            | 23.11                | 20.71      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#2            | 23.24                | 20.84      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#5            | 23.13                | 20.73      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#0            | 23.11                | 20.71      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#2            | 23.17                | 20.77      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#3            | 23.11                | 20.71      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 22.17                | 19.77      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#0            | 22.90                | 20.50      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#2            | 22.98                | 20.58      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#5            | 22.99                | 20.59      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#0            | 23.01                | 20.61      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#2            | 23.09                | 20.69      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#3            | 22.95                | 20.55      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 22.08                | 19.68      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#0            | 22.80                | 20.40      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#2            | 22.95                | 20.55      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#5            | 22.80                | 20.40      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 3RB#0            | 22.93                | 20.53      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 3RB#2            | 22.91                | 20.51      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 3RB#3            | 22.94                | 20.54      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 21.92                | 19.52      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 19957   | 1RB#0            | 21.55                | 19.15      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 19957   | 1RB#2            | 21.66                | 19.26      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 19957   | 1RB#5            | 21.65                | 19.25      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 19957   | 3RB#0            | 20.96                | 18.56      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 19957   | 3RB#2            | 21.24                | 18.84      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 19957   | 3RB#3            | 20.98                | 18.58      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 19957   | 6RB#0            | 20.16                | 17.76      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 20175   | 1RB#0            | 21.60                | 19.20      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 20175   | 1RB#2            | 21.22                | 18.82      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 20175   | 1RB#5            | 20.97                | 18.57      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 20175   | 3RB#0            | 21.06                | 18.66      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 20175   | 3RB#2            | 21.06                | 18.66      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 20175   | 3RB#3            | 21.05                | 18.65      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 20175   | 6RB#0            | 19.87                | 17.47      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 20393   | 1RB#0            | 21.06                | 18.66      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 20393   | 1RB#2            | 21.12                | 18.72      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 20393   | 1RB#5            | 20.91                | 18.51      | 30.00       | PASS    |



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|       |        |       |       |        |       |       |       |      |
|-------|--------|-------|-------|--------|-------|-------|-------|------|
| Band4 | 1.4MHz | 64QAM | 20393 | 3RB#0  | 21.19 | 18.79 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 3RB#2  | 20.88 | 18.48 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 3RB#3  | 20.69 | 18.29 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 6RB#0  | 20.10 | 17.70 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#0  | 22.60 | 20.20 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#2  | 22.67 | 20.27 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#5  | 22.72 | 20.32 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 3RB#0  | 22.11 | 19.71 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 3RB#2  | 22.24 | 19.84 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 3RB#3  | 22.08 | 19.68 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0  | 21.36 | 18.96 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#0  | 22.78 | 20.38 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#2  | 22.27 | 19.87 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#5  | 22.22 | 19.82 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#0  | 22.22 | 19.82 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#2  | 22.19 | 19.79 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#3  | 22.22 | 19.82 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0  | 21.02 | 18.62 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#0  | 22.24 | 19.84 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#2  | 22.29 | 19.89 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#5  | 22.11 | 19.71 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#0  | 22.20 | 19.80 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#2  | 21.94 | 19.54 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#3  | 21.92 | 19.52 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0  | 21.10 | 18.70 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#0  | 23.32 | 20.92 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#7  | 23.21 | 20.81 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#14 | 23.22 | 20.82 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#0  | 22.30 | 19.90 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#4  | 22.35 | 19.95 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#7  | 22.24 | 19.84 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0 | 22.29 | 19.89 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#0  | 23.01 | 20.61 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#7  | 22.96 | 20.56 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#14 | 23.09 | 20.69 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 8RB#0  | 22.14 | 19.74 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 8RB#4  | 22.14 | 19.74 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 8RB#7  | 22.21 | 19.81 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 15RB#0 | 22.16 | 19.76 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 1RB#0  | 23.01 | 20.61 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 1RB#7  | 23.08 | 20.68 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 1RB#14 | 22.90 | 20.50 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 8RB#0  | 22.08 | 19.68 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 8RB#4  | 22.10 | 19.70 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 8RB#7  | 21.99 | 19.59 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 15RB#0 | 22.10 | 19.70 | 30.00 | PASS |
| Band4 | 3MHz   | 64QAM | 19965 | 1RB#0  | 21.44 | 19.04 | 30.00 | PASS |



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|-------|------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 3MHz | 64QAM | 19965 | 1RB#7   | 21.35 | 18.95 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 1RB#14  | 21.59 | 19.19 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 8RB#0   | 20.06 | 17.66 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 8RB#4   | 20.17 | 17.77 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 8RB#7   | 20.02 | 17.62 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 15RB#0  | 20.12 | 17.72 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20175 | 1RB#0   | 21.03 | 18.63 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20175 | 1RB#7   | 20.84 | 18.44 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20175 | 1RB#14  | 21.62 | 19.22 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20175 | 8RB#0   | 20.04 | 17.64 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20175 | 8RB#4   | 20.28 | 17.88 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20175 | 8RB#7   | 20.13 | 17.73 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20175 | 15RB#0  | 20.02 | 17.62 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 1RB#0   | 20.90 | 18.50 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 1RB#7   | 21.05 | 18.65 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 1RB#14  | 21.21 | 18.81 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 8RB#0   | 20.05 | 17.65 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 8RB#4   | 20.08 | 17.68 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 8RB#7   | 20.13 | 17.73 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 15RB#0  | 19.96 | 17.56 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 1RB#0   | 22.51 | 20.11 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 1RB#7   | 22.40 | 20.00 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 1RB#14  | 22.68 | 20.28 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#0   | 21.16 | 18.76 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#4   | 21.33 | 18.93 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#7   | 21.16 | 18.76 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0  | 21.29 | 18.89 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#0   | 22.18 | 19.78 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#7   | 21.93 | 19.53 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#14  | 22.74 | 20.34 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#0   | 21.22 | 18.82 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#4   | 21.29 | 18.89 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#7   | 21.17 | 18.77 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0  | 21.11 | 18.71 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#0   | 22.15 | 19.75 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#7   | 22.19 | 19.79 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#14  | 22.23 | 19.83 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#0   | 21.20 | 18.80 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#4   | 21.23 | 18.83 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#7   | 21.15 | 18.75 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0  | 21.01 | 18.61 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#0   | 23.17 | 20.77 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#13  | 23.07 | 20.67 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#24  | 23.15 | 20.75 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#0  | 22.32 | 19.92 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#6  | 22.32 | 19.92 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#13 | 22.28 | 19.88 | 30.00 | PASS |



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|       |      |       |       |         |       |       |       |      |
|-------|------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0  | 22.25 | 19.85 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#0   | 23.09 | 20.69 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#13  | 23.16 | 20.76 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#24  | 23.21 | 20.81 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#0  | 22.09 | 19.69 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#6  | 22.39 | 19.99 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#13 | 22.26 | 19.86 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0  | 22.16 | 19.76 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#0   | 22.88 | 20.48 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#13  | 23.11 | 20.71 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#24  | 22.91 | 20.51 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 12RB#0  | 22.05 | 19.65 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 12RB#6  | 22.12 | 19.72 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 12RB#13 | 22.09 | 19.69 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 25RB#0  | 22.03 | 19.63 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 1RB#0   | 21.26 | 18.86 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 1RB#13  | 21.41 | 19.01 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 1RB#24  | 21.38 | 18.98 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 12RB#0  | 20.20 | 17.80 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 12RB#6  | 20.12 | 17.72 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 12RB#13 | 20.28 | 17.88 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 25RB#0  | 20.08 | 17.68 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 1RB#0   | 21.52 | 19.12 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 1RB#13  | 21.85 | 19.45 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 1RB#24  | 21.27 | 18.87 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 12RB#0  | 20.15 | 17.75 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 12RB#6  | 20.22 | 17.82 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 12RB#13 | 19.91 | 17.51 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 25RB#0  | 20.03 | 17.63 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 1RB#0   | 21.39 | 18.99 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 1RB#13  | 21.37 | 18.97 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 1RB#24  | 21.08 | 18.68 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 12RB#0  | 20.01 | 17.61 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 12RB#6  | 19.92 | 17.52 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 12RB#13 | 20.02 | 17.62 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 25RB#0  | 19.88 | 17.48 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#0   | 22.41 | 20.01 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#13  | 22.58 | 20.18 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#24  | 22.63 | 20.23 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#0  | 21.32 | 18.92 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#6  | 21.32 | 18.92 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#13 | 21.29 | 18.89 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0  | 21.22 | 18.82 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#0   | 22.64 | 20.24 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#13  | 23.00 | 20.60 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#24  | 22.33 | 19.93 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#0  | 21.15 | 18.75 | 30.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 5MHz  | 16QAM | 20175 | 12RB#6  | 21.25 | 18.85 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 12RB#13 | 21.16 | 18.76 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 25RB#0  | 21.20 | 18.80 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#0   | 22.41 | 20.01 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#13  | 22.56 | 20.16 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#24  | 22.28 | 19.88 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 12RB#0  | 21.07 | 18.67 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 12RB#6  | 21.11 | 18.71 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 12RB#13 | 21.14 | 18.74 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0  | 21.08 | 18.68 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#0   | 23.53 | 21.13 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#24  | 23.22 | 20.82 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#49  | 23.14 | 20.74 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#0  | 22.16 | 19.76 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#12 | 22.31 | 19.91 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#25 | 22.35 | 19.95 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0  | 22.32 | 19.92 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#0   | 23.02 | 20.62 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#24  | 23.06 | 20.66 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#49  | 23.23 | 20.83 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#0  | 22.12 | 19.72 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#12 | 22.11 | 19.71 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#25 | 22.26 | 19.86 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0  | 22.14 | 19.74 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#0   | 22.79 | 20.39 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#24  | 23.09 | 20.69 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#49  | 23.15 | 20.75 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#0  | 22.04 | 19.64 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#12 | 22.11 | 19.71 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#25 | 22.13 | 19.73 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0  | 22.04 | 19.64 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 1RB#0   | 21.59 | 19.19 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 1RB#24  | 21.36 | 18.96 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 1RB#49  | 21.24 | 18.84 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 25RB#0  | 20.03 | 17.63 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 25RB#12 | 20.06 | 17.66 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 25RB#25 | 20.16 | 17.76 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 50RB#0  | 20.12 | 17.72 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 1RB#0   | 21.45 | 19.05 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 1RB#24  | 21.56 | 19.16 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 1RB#49  | 21.07 | 18.67 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 25RB#0  | 19.90 | 17.50 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 25RB#12 | 19.83 | 17.43 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 25RB#25 | 20.13 | 17.73 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 50RB#0  | 20.04 | 17.64 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 1RB#0   | 21.16 | 18.76 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 1RB#24  | 20.93 | 18.53 | 30.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 10MHz | 64QAM | 20350 | 1RB#49  | 21.39 | 18.99 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 25RB#0  | 20.00 | 17.60 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 25RB#12 | 20.02 | 17.62 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 25RB#25 | 20.11 | 17.71 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 50RB#0  | 19.78 | 17.38 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0   | 22.67 | 20.27 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#24  | 22.47 | 20.07 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#49  | 22.45 | 20.05 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#0  | 21.16 | 18.76 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#12 | 21.30 | 18.90 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#25 | 21.24 | 18.84 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0  | 21.32 | 18.92 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0   | 22.57 | 20.17 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#24  | 22.62 | 20.22 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#49  | 22.14 | 19.74 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#0  | 21.06 | 18.66 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#12 | 21.04 | 18.64 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#25 | 21.34 | 18.94 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0  | 21.14 | 18.74 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0   | 22.35 | 19.95 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#24  | 22.17 | 19.77 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#49  | 22.56 | 20.16 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#0  | 21.06 | 18.66 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#12 | 21.05 | 18.65 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#25 | 21.13 | 18.73 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0  | 20.99 | 18.59 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#0   | 23.39 | 20.99 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#38  | 23.29 | 20.89 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#74  | 23.35 | 20.95 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 36RB#0  | 22.45 | 20.05 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 36RB#18 | 22.51 | 20.11 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 36RB#39 | 22.42 | 20.02 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0  | 22.50 | 20.10 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#0   | 23.35 | 20.95 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#38  | 23.21 | 20.81 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#74  | 23.23 | 20.83 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 36RB#0  | 22.40 | 20.00 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 36RB#18 | 22.37 | 19.97 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 36RB#39 | 22.39 | 19.99 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | 22.34 | 19.94 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0   | 23.41 | 21.01 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#38  | 23.12 | 20.72 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#74  | 23.19 | 20.79 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 36RB#0  | 22.27 | 19.87 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 36RB#18 | 22.27 | 19.87 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 36RB#39 | 22.31 | 19.91 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | 22.28 | 19.88 | 30.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 15MHz | 64QAM | 20025 | 1RB#0   | 21.54 | 19.14 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 1RB#38  | 21.36 | 18.96 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 1RB#74  | 21.40 | 19.00 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 36RB#0  | 20.33 | 17.93 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 36RB#18 | 20.40 | 18.00 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 36RB#39 | 20.30 | 17.90 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 75RB#0  | 20.38 | 17.98 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 1RB#0   | 21.56 | 19.16 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 1RB#38  | 21.79 | 19.39 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 1RB#74  | 21.44 | 19.04 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 36RB#0  | 20.36 | 17.96 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 36RB#18 | 20.16 | 17.76 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 36RB#39 | 20.21 | 17.81 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 75RB#0  | 20.33 | 17.93 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 1RB#0   | 21.57 | 19.17 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 1RB#38  | 21.57 | 19.17 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 1RB#74  | 21.72 | 19.32 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 36RB#0  | 20.21 | 17.81 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 36RB#18 | 20.10 | 17.70 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 36RB#39 | 20.37 | 17.97 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 75RB#0  | 20.13 | 17.73 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0   | 22.62 | 20.22 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#38  | 22.42 | 20.02 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#74  | 22.51 | 20.11 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 36RB#0  | 21.45 | 19.05 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 36RB#18 | 21.44 | 19.04 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 36RB#39 | 21.34 | 18.94 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | 21.49 | 19.09 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0   | 22.70 | 20.30 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#38  | 22.90 | 20.50 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#74  | 22.53 | 20.13 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 36RB#0  | 21.41 | 19.01 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 36RB#18 | 21.36 | 18.96 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 36RB#39 | 21.39 | 18.99 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | 21.37 | 18.97 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0   | 22.76 | 20.36 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#38  | 22.75 | 20.35 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#74  | 22.77 | 20.37 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 36RB#0  | 21.37 | 18.97 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 36RB#18 | 21.29 | 18.89 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 36RB#39 | 21.38 | 18.98 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | 21.29 | 18.89 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0   | 23.16 | 20.76 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#49  | 23.30 | 20.90 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#99  | 23.23 | 20.83 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#0  | 22.58 | 20.18 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#25 | 22.45 | 20.05 | 30.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 20MHz | QPSK  | 20050 | 50RB#50 | 22.47 | 20.07 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | 22.53 | 20.13 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#0   | 23.27 | 20.87 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#49  | 23.02 | 20.62 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#99  | 23.33 | 20.93 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#0  | 22.39 | 19.99 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#25 | 22.56 | 20.16 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#50 | 22.33 | 19.93 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | 22.27 | 19.87 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0   | 23.44 | 21.04 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#49  | 23.34 | 20.94 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#99  | 23.13 | 20.73 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#0  | 22.28 | 19.88 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#25 | 22.28 | 19.88 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#50 | 22.24 | 19.84 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 22.35 | 19.95 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 1RB#0   | 21.39 | 18.99 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 1RB#49  | 21.29 | 18.89 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 1RB#99  | 20.93 | 18.53 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 50RB#0  | 20.30 | 17.90 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 50RB#25 | 20.34 | 17.94 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 50RB#50 | 20.31 | 17.91 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | 20.29 | 17.89 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 1RB#0   | 21.41 | 19.01 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 1RB#49  | 21.36 | 18.96 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 1RB#99  | 21.50 | 19.10 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 50RB#0  | 20.22 | 17.82 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 50RB#25 | 20.27 | 17.87 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 50RB#50 | 20.36 | 17.96 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | 20.19 | 17.79 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 1RB#0   | 21.22 | 18.82 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 1RB#49  | 21.51 | 19.11 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 1RB#99  | 21.54 | 19.14 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 50RB#0  | 20.23 | 17.83 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 50RB#25 | 20.32 | 17.92 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 50RB#50 | 20.25 | 17.85 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | 20.26 | 17.86 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0   | 22.54 | 20.14 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#49  | 22.68 | 20.28 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#99  | 22.22 | 19.82 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#0  | 21.44 | 19.04 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#25 | 21.49 | 19.09 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#50 | 21.38 | 18.98 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 21.44 | 19.04 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0   | 22.60 | 20.20 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#49  | 22.51 | 20.11 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#99  | 22.61 | 20.21 | 30.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 20MHz | 16QAM | 20175 | 50RB#0  | 21.44 | 19.04 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#25 | 21.42 | 19.02 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#50 | 21.47 | 19.07 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 21.39 | 18.99 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0   | 22.33 | 19.93 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#49  | 22.81 | 20.41 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#99  | 22.69 | 20.29 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#0  | 21.41 | 19.01 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#25 | 21.35 | 18.95 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#50 | 21.34 | 18.94 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 21.26 | 18.86 | 30.00 | PASS |

## 1.2. Test Result for Ant3

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Conducted Power(dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|-------|-----------|------------|---------|------------------|----------------------|------------|-------------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#0            | 22.46                | 19.96      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#2            | 22.68                | 20.18      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#5            | 22.56                | 20.06      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#0            | 22.54                | 20.04      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#2            | 22.58                | 20.08      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#3            | 22.56                | 20.06      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 21.65                | 19.15      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#0            | 22.38                | 19.88      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#2            | 22.64                | 20.14      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#5            | 22.54                | 20.04      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#0            | 22.55                | 20.05      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#2            | 22.53                | 20.03      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#3            | 22.44                | 19.94      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 21.55                | 19.05      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#0            | 22.41                | 19.91      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#2            | 22.34                | 19.84      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#5            | 22.26                | 19.76      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 3RB#0            | 22.45                | 19.95      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 3RB#2            | 22.44                | 19.94      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 3RB#3            | 22.35                | 19.85      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 21.51                | 19.01      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 19957   | 1RB#0            | 20.83                | 18.33      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 19957   | 1RB#2            | 20.55                | 18.05      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 19957   | 1RB#5            | 20.43                | 17.93      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 19957   | 3RB#0            | 20.57                | 18.07      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 19957   | 3RB#2            | 20.60                | 18.10      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 19957   | 3RB#3            | 20.63                | 18.13      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 19957   | 6RB#0            | 19.62                | 17.12      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 20175   | 1RB#0            | 20.56                | 18.06      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 20175   | 1RB#2            | 20.60                | 18.10      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 20175   | 1RB#5            | 20.52                | 18.02      | 30.00       | PASS    |



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|       |        |       |       |        |       |       |       |      |
|-------|--------|-------|-------|--------|-------|-------|-------|------|
| Band4 | 1.4MHz | 64QAM | 20175 | 3RB#0  | 20.49 | 17.99 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 3RB#2  | 20.50 | 18.00 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 3RB#3  | 20.55 | 18.05 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 6RB#0  | 19.73 | 17.23 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 1RB#0  | 20.74 | 18.24 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 1RB#2  | 20.36 | 17.86 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 1RB#5  | 20.32 | 17.82 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 3RB#0  | 20.31 | 17.81 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 3RB#2  | 20.28 | 17.78 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 3RB#3  | 20.33 | 17.83 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 6RB#0  | 19.41 | 16.91 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#0  | 21.89 | 19.39 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#2  | 21.76 | 19.26 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#5  | 21.61 | 19.11 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 3RB#0  | 21.60 | 19.10 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 3RB#2  | 21.62 | 19.12 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 3RB#3  | 21.72 | 19.22 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0  | 20.78 | 18.28 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#0  | 21.67 | 19.17 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#2  | 21.83 | 19.33 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#5  | 21.79 | 19.29 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#0  | 21.61 | 19.11 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#2  | 21.67 | 19.17 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#3  | 21.76 | 19.26 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0  | 20.73 | 18.23 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#0  | 21.81 | 19.31 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#2  | 21.54 | 19.04 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#5  | 21.48 | 18.98 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#0  | 21.49 | 18.99 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#2  | 21.41 | 18.91 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#3  | 21.42 | 18.92 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0  | 20.41 | 17.91 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#0  | 22.68 | 20.18 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#7  | 22.56 | 20.06 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#14 | 22.54 | 20.04 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#0  | 21.74 | 19.24 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#4  | 21.67 | 19.17 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#7  | 21.70 | 19.20 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0 | 21.69 | 19.19 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#0  | 22.50 | 20.00 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#7  | 22.68 | 20.18 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#14 | 22.61 | 20.11 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 8RB#0  | 21.69 | 19.19 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 8RB#4  | 21.71 | 19.21 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 8RB#7  | 21.68 | 19.18 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 15RB#0 | 21.64 | 19.14 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 1RB#0  | 22.44 | 19.94 | 30.00 | PASS |



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|       |      |       |       |        |       |       |       |      |
|-------|------|-------|-------|--------|-------|-------|-------|------|
| Band4 | 3MHz | QPSK  | 20385 | 1RB#7  | 22.48 | 19.98 | 30.00 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 1RB#14 | 22.36 | 19.86 | 30.00 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 8RB#0  | 21.59 | 19.09 | 30.00 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 8RB#4  | 21.60 | 19.10 | 30.00 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 8RB#7  | 21.56 | 19.06 | 30.00 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 15RB#0 | 21.61 | 19.11 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 1RB#0  | 20.61 | 18.11 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 1RB#7  | 20.40 | 17.90 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 1RB#14 | 20.64 | 18.14 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 8RB#0  | 19.58 | 17.08 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 8RB#4  | 19.53 | 17.03 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 8RB#7  | 19.48 | 16.98 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 15RB#0 | 19.69 | 17.19 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20175 | 1RB#0  | 20.72 | 18.22 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20175 | 1RB#7  | 21.12 | 18.62 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20175 | 1RB#14 | 20.37 | 17.87 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20175 | 8RB#0  | 19.39 | 16.89 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20175 | 8RB#4  | 19.79 | 17.29 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20175 | 8RB#7  | 19.73 | 17.23 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20175 | 15RB#0 | 19.60 | 17.10 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 1RB#0  | 20.95 | 18.45 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 1RB#7  | 20.34 | 17.84 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 1RB#14 | 20.44 | 17.94 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 8RB#0  | 19.33 | 16.83 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 8RB#4  | 19.53 | 17.03 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 8RB#7  | 19.42 | 16.92 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 15RB#0 | 19.43 | 16.93 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 1RB#0  | 21.87 | 19.37 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 1RB#7  | 21.56 | 19.06 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 1RB#14 | 21.70 | 19.20 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#0  | 20.64 | 18.14 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#4  | 20.62 | 18.12 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#7  | 20.76 | 18.26 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0 | 20.72 | 18.22 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#0  | 21.89 | 19.39 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#7  | 22.13 | 19.63 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#14 | 21.52 | 19.02 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#0  | 20.56 | 18.06 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#4  | 20.85 | 18.35 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#7  | 20.73 | 18.23 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | 20.74 | 18.24 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#0  | 22.00 | 19.50 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#7  | 21.62 | 19.12 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#14 | 21.69 | 19.19 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#0  | 20.53 | 18.03 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#4  | 20.61 | 18.11 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#7  | 20.43 | 17.93 | 30.00 | PASS |



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|       |      |       |       |         |       |       |       |      |
|-------|------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0  | 20.57 | 18.07 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#0   | 22.32 | 19.82 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#13  | 22.69 | 20.19 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#24  | 22.54 | 20.04 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#0  | 21.73 | 19.23 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#6  | 21.72 | 19.22 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#13 | 21.72 | 19.22 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0  | 21.65 | 19.15 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#0   | 22.54 | 20.04 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#13  | 22.57 | 20.07 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#24  | 22.66 | 20.16 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#0  | 21.63 | 19.13 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#6  | 21.74 | 19.24 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#13 | 21.68 | 19.18 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0  | 21.61 | 19.11 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#0   | 22.48 | 19.98 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#13  | 22.63 | 20.13 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#24  | 22.50 | 20.00 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 12RB#0  | 21.53 | 19.03 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 12RB#6  | 21.59 | 19.09 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 12RB#13 | 21.57 | 19.07 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 25RB#0  | 21.53 | 19.03 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 1RB#0   | 20.65 | 18.15 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 1RB#13  | 20.45 | 17.95 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 1RB#24  | 21.19 | 18.69 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 12RB#0  | 19.43 | 16.93 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 12RB#6  | 19.73 | 17.23 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 12RB#13 | 19.56 | 17.06 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 25RB#0  | 19.59 | 17.09 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 1RB#0   | 20.53 | 18.03 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 1RB#13  | 20.72 | 18.22 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 1RB#24  | 20.47 | 17.97 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 12RB#0  | 19.40 | 16.90 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 12RB#6  | 19.63 | 17.13 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 12RB#13 | 19.65 | 17.15 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 25RB#0  | 19.57 | 17.07 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 1RB#0   | 20.48 | 17.98 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 1RB#13  | 20.58 | 18.08 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 1RB#24  | 20.33 | 17.83 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 12RB#0  | 19.50 | 17.00 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 12RB#6  | 19.36 | 16.86 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 12RB#13 | 19.41 | 16.91 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 25RB#0  | 19.54 | 17.04 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#0   | 21.74 | 19.24 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#13  | 21.71 | 19.21 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#24  | 21.74 | 19.24 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#0  | 20.70 | 18.20 | 30.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 5MHz  | 16QAM | 19975 | 12RB#6  | 20.75 | 18.25 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 12RB#13 | 20.72 | 18.22 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 25RB#0  | 20.73 | 18.23 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 1RB#0   | 21.68 | 19.18 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 1RB#13  | 21.79 | 19.29 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 1RB#24  | 21.53 | 19.03 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 12RB#0  | 20.68 | 18.18 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 12RB#6  | 20.67 | 18.17 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 12RB#13 | 20.68 | 18.18 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 25RB#0  | 20.58 | 18.08 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#0   | 21.56 | 19.06 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#13  | 21.73 | 19.23 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#24  | 21.47 | 18.97 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 12RB#0  | 20.55 | 18.05 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 12RB#6  | 20.52 | 18.02 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 12RB#13 | 20.66 | 18.16 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0  | 20.56 | 18.06 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#0   | 22.29 | 19.79 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#24  | 22.53 | 20.03 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#49  | 22.72 | 20.22 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#0  | 21.70 | 19.20 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#12 | 21.77 | 19.27 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#25 | 21.79 | 19.29 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0  | 21.78 | 19.28 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#0   | 22.69 | 20.19 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#24  | 22.58 | 20.08 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#49  | 22.62 | 20.12 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#0  | 21.64 | 19.14 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#12 | 21.64 | 19.14 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#25 | 21.97 | 19.47 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0  | 21.73 | 19.23 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#0   | 22.55 | 20.05 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#24  | 22.50 | 20.00 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#49  | 22.48 | 19.98 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#0  | 21.59 | 19.09 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#12 | 21.55 | 19.05 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#25 | 21.67 | 19.17 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0  | 21.53 | 19.03 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 1RB#0   | 21.08 | 18.58 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 1RB#24  | 20.85 | 18.35 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 1RB#49  | 20.93 | 18.43 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 25RB#0  | 19.55 | 17.05 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 25RB#12 | 19.45 | 16.95 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 25RB#25 | 19.47 | 16.97 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 50RB#0  | 19.53 | 17.03 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 1RB#0   | 20.80 | 18.30 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 1RB#24  | 20.81 | 18.31 | 30.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 10MHz | 64QAM | 20175 | 1RB#49  | 21.01 | 18.51 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 25RB#0  | 19.56 | 17.06 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 25RB#12 | 19.56 | 17.06 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 25RB#25 | 19.63 | 17.13 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 50RB#0  | 19.66 | 17.16 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 1RB#0   | 20.86 | 18.36 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 1RB#24  | 20.63 | 18.13 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 1RB#49  | 20.66 | 18.16 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 25RB#0  | 19.49 | 16.99 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 25RB#12 | 19.52 | 17.02 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 25RB#25 | 19.63 | 17.13 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 50RB#0  | 19.46 | 16.96 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0   | 22.19 | 19.69 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#24  | 21.92 | 19.42 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#49  | 22.00 | 19.50 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#0  | 20.59 | 18.09 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#12 | 20.69 | 18.19 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#25 | 20.73 | 18.23 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0  | 20.74 | 18.24 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0   | 21.82 | 19.32 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#24  | 21.86 | 19.36 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#49  | 21.98 | 19.48 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#0  | 20.69 | 18.19 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#12 | 20.83 | 18.33 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#25 | 20.68 | 18.18 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0  | 20.68 | 18.18 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0   | 22.06 | 19.56 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#24  | 21.89 | 19.39 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#49  | 21.84 | 19.34 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#0  | 20.65 | 18.15 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#12 | 20.60 | 18.10 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#25 | 20.70 | 18.20 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0  | 20.60 | 18.10 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#0   | 22.39 | 19.89 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#38  | 22.12 | 19.62 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#74  | 22.16 | 19.66 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 36RB#0  | 21.34 | 18.84 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 36RB#18 | 21.29 | 18.79 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 36RB#39 | 21.31 | 18.81 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0  | 21.31 | 18.81 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#0   | 22.27 | 19.77 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#38  | 22.17 | 19.67 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#74  | 22.21 | 19.71 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 36RB#0  | 21.26 | 18.76 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 36RB#18 | 21.36 | 18.86 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 36RB#39 | 21.33 | 18.83 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | 21.35 | 18.85 | 30.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0   | 22.30 | 19.80 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#38  | 22.21 | 19.71 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#74  | 22.28 | 19.78 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 36RB#0  | 21.35 | 18.85 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 36RB#18 | 21.37 | 18.87 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 36RB#39 | 21.32 | 18.82 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | 21.25 | 18.75 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 1RB#0   | 20.29 | 17.79 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 1RB#38  | 20.16 | 17.66 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 1RB#74  | 20.17 | 17.67 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 36RB#0  | 19.21 | 16.71 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 36RB#18 | 19.16 | 16.66 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 36RB#39 | 19.04 | 16.54 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 75RB#0  | 19.20 | 16.70 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 1RB#0   | 20.37 | 17.87 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 1RB#38  | 20.20 | 17.70 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 1RB#74  | 20.47 | 17.97 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 36RB#0  | 19.18 | 16.68 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 36RB#18 | 19.28 | 16.78 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 36RB#39 | 19.05 | 16.55 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 75RB#0  | 19.27 | 16.77 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 1RB#0   | 20.53 | 18.03 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 1RB#38  | 20.26 | 17.76 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 1RB#74  | 20.02 | 17.52 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 36RB#0  | 19.32 | 16.82 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 36RB#18 | 19.01 | 16.51 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 36RB#39 | 19.15 | 16.65 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 75RB#0  | 19.28 | 16.78 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0   | 21.55 | 19.05 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#38  | 21.38 | 18.88 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#74  | 21.33 | 18.83 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 36RB#0  | 20.34 | 17.84 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 36RB#18 | 20.33 | 17.83 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 36RB#39 | 20.28 | 17.78 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | 20.28 | 17.78 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0   | 21.47 | 18.97 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#38  | 21.44 | 18.94 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#74  | 21.53 | 19.03 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 36RB#0  | 20.32 | 17.82 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 36RB#18 | 20.36 | 17.86 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 36RB#39 | 20.25 | 17.75 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | 20.36 | 17.86 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0   | 21.74 | 19.24 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#38  | 21.43 | 18.93 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#74  | 21.29 | 18.79 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 36RB#0  | 20.46 | 17.96 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 36RB#18 | 20.28 | 17.78 | 30.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 15MHz | 16QAM | 20325 | 36RB#39 | 20.36 | 17.86 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | 20.33 | 17.83 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0   | 23.01 | 20.51 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#49  | 22.70 | 20.20 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#99  | 22.72 | 20.22 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#0  | 21.93 | 19.43 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#25 | 21.85 | 19.35 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#50 | 21.88 | 19.38 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | 22.18 | 19.68 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#0   | 23.02 | 20.52 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#49  | 22.78 | 20.28 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#99  | 22.77 | 20.27 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#0  | 21.88 | 19.38 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#25 | 21.91 | 19.41 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#50 | 21.90 | 19.40 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | 21.94 | 19.44 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0   | 22.87 | 20.37 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#49  | 22.65 | 20.15 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#99  | 22.76 | 20.26 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#0  | 21.92 | 19.42 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#25 | 21.80 | 19.30 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#50 | 21.80 | 19.30 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 21.82 | 19.32 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 1RB#0   | 20.45 | 17.95 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 1RB#49  | 21.01 | 18.51 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 1RB#99  | 20.88 | 18.38 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 50RB#0  | 19.76 | 17.26 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 50RB#25 | 19.76 | 17.26 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 50RB#50 | 19.95 | 17.45 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | 19.99 | 17.49 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 1RB#0   | 21.18 | 18.68 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 1RB#49  | 20.99 | 18.49 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 1RB#99  | 20.87 | 18.37 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 50RB#0  | 19.80 | 17.30 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 50RB#25 | 19.85 | 17.35 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 50RB#50 | 19.91 | 17.41 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | 19.83 | 17.33 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 1RB#0   | 21.14 | 18.64 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 1RB#49  | 20.75 | 18.25 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 1RB#99  | 20.55 | 18.05 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 50RB#0  | 19.72 | 17.22 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 50RB#25 | 19.60 | 17.10 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 50RB#50 | 19.55 | 17.05 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | 19.60 | 17.10 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0   | 21.71 | 19.21 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#49  | 22.02 | 19.52 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#99  | 21.85 | 19.35 | 30.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 20MHz | 16QAM | 20050 | 50RB#0  | 20.91 | 18.41 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#25 | 20.97 | 18.47 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#50 | 21.00 | 18.50 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 21.01 | 18.51 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0   | 21.95 | 19.45 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#49  | 22.16 | 19.66 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#99  | 21.90 | 19.40 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#0  | 20.92 | 18.42 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#25 | 20.89 | 18.39 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#50 | 20.91 | 18.41 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 21.02 | 18.52 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0   | 22.20 | 19.70 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#49  | 21.91 | 19.41 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#99  | 21.82 | 19.32 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#0  | 20.84 | 18.34 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#25 | 20.87 | 18.37 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#50 | 20.79 | 18.29 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 20.79 | 18.29 | 30.00 | PASS |

Remark:

a: For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,

$$ERP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBd]}$$

$$EIRP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBi]}$$



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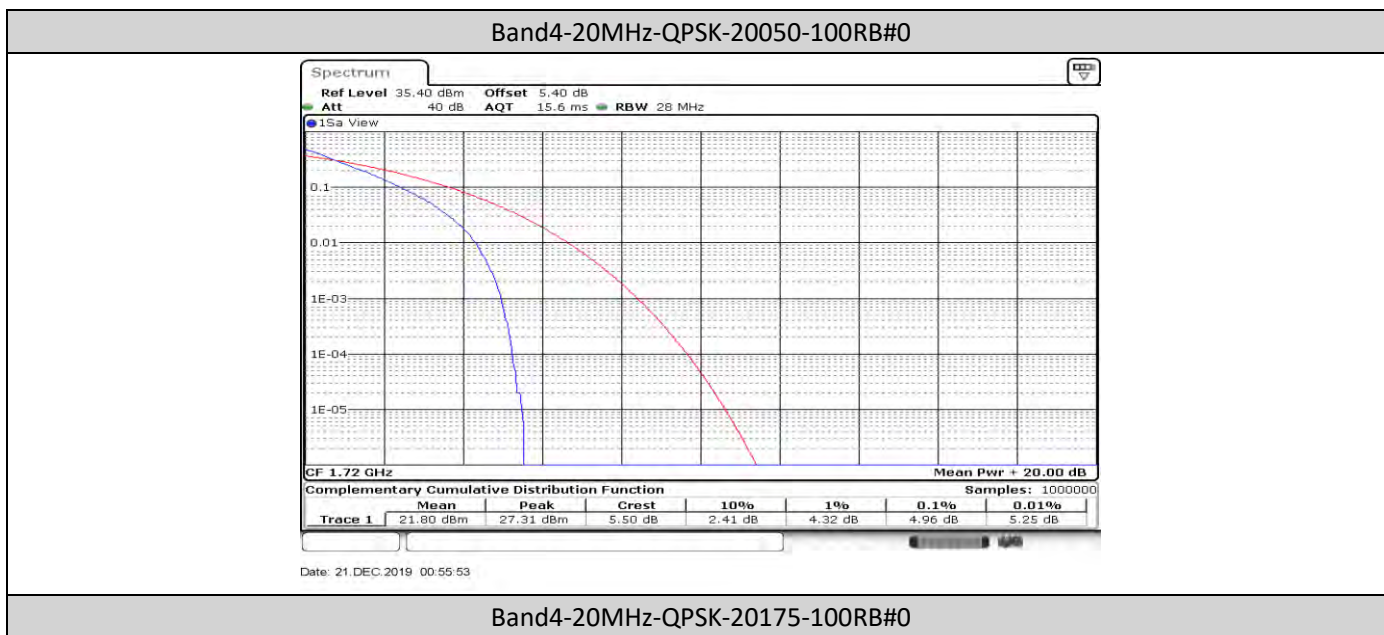


## 2. Peak-to-Average Ratio (CCDF)

### 2.1. Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band4 | 20MHz     | QPSK       | 20050   | 100RB#0          | 4.96       | 13.00     | PASS    |
| Band4 | 20MHz     | QPSK       | 20175   | 100RB#0          | 5.01       | 13.00     | PASS    |
| Band4 | 20MHz     | QPSK       | 20300   | 100RB#0          | 4.78       | 13.00     | PASS    |
| Band4 | 20MHz     | 64QAM      | 20050   | 100RB#0          | 5.86       | 13.00     | PASS    |
| Band4 | 20MHz     | 64QAM      | 20175   | 100RB#0          | 5.86       | 13.00     | PASS    |
| Band4 | 20MHz     | 64QAM      | 20300   | 100RB#0          | 6.03       | 13.00     | PASS    |
| Band4 | 20MHz     | 16QAM      | 20050   | 100RB#0          | 5.83       | 13.00     | PASS    |
| Band4 | 20MHz     | 16QAM      | 20175   | 100RB#0          | 5.83       | 13.00     | PASS    |
| Band4 | 20MHz     | 16QAM      | 20300   | 100RB#0          | 5.74       | 13.00     | PASS    |

### 2.2. Test Plots



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Date: 21.DEC.2019 00:56:27

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



Date: 21.DEC.2019 00:57:00

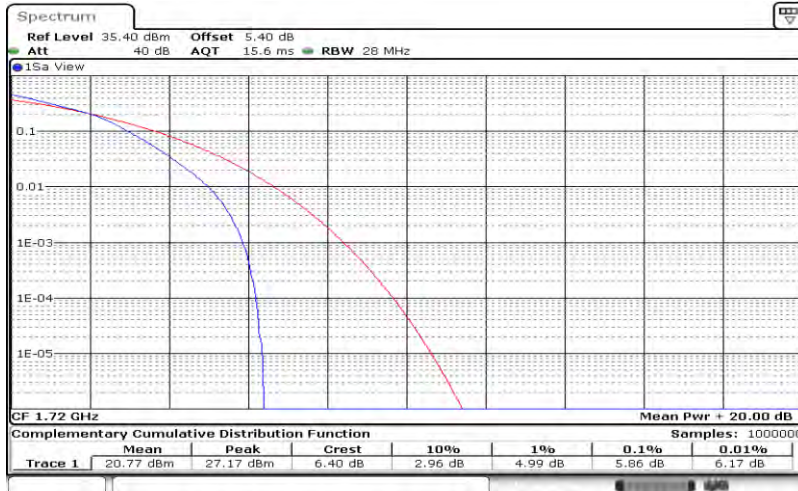
**Band4-20MHz-64QAM-20050-100RB#0**



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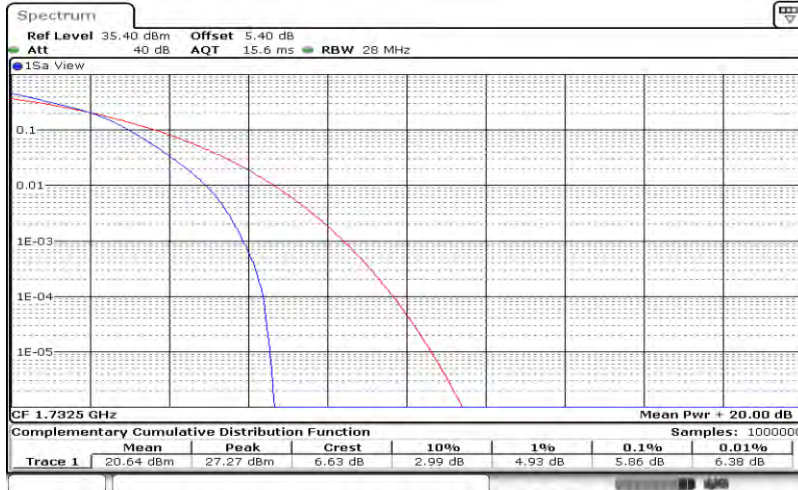
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Date: 21.DEC.2019 00:56:15

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



Date: 21.DEC.2019 00:56:49

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



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Date: 21.DEC.2019 00:57:22

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



Date: 21.DEC.2019 00:56:04

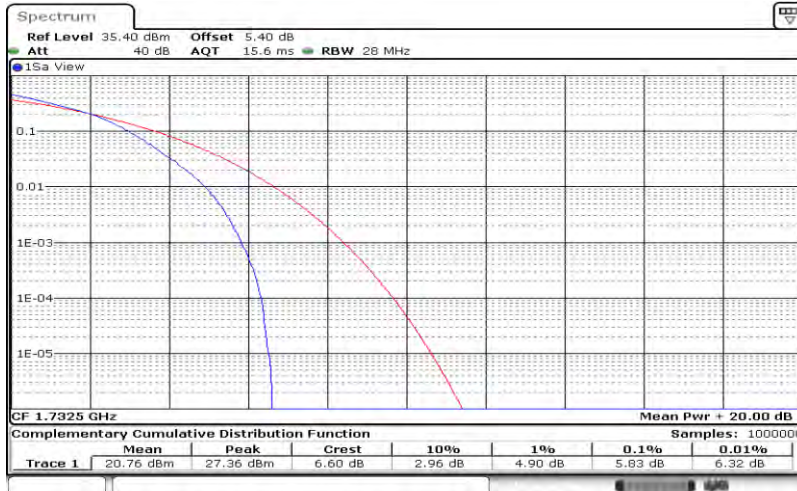
**Band4-20MHz-16QAM-20175-100RB#0**



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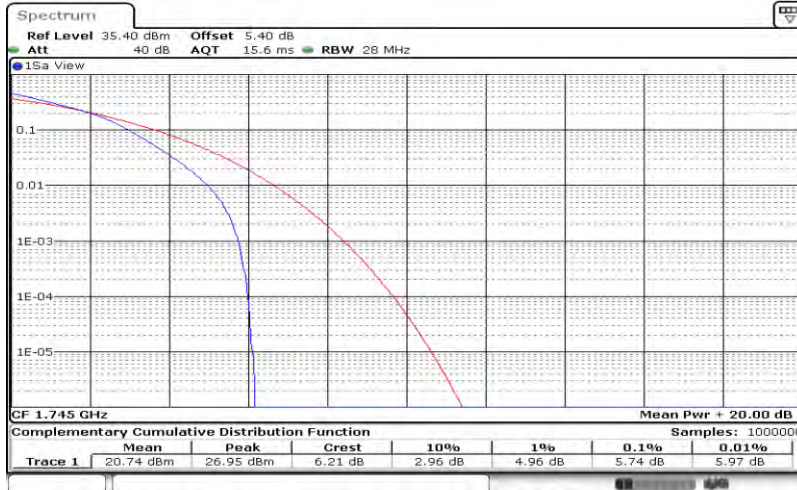
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Date: 21.DEC.2019 00:58:38

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



Date: 21.DEC.2019 00:57:11



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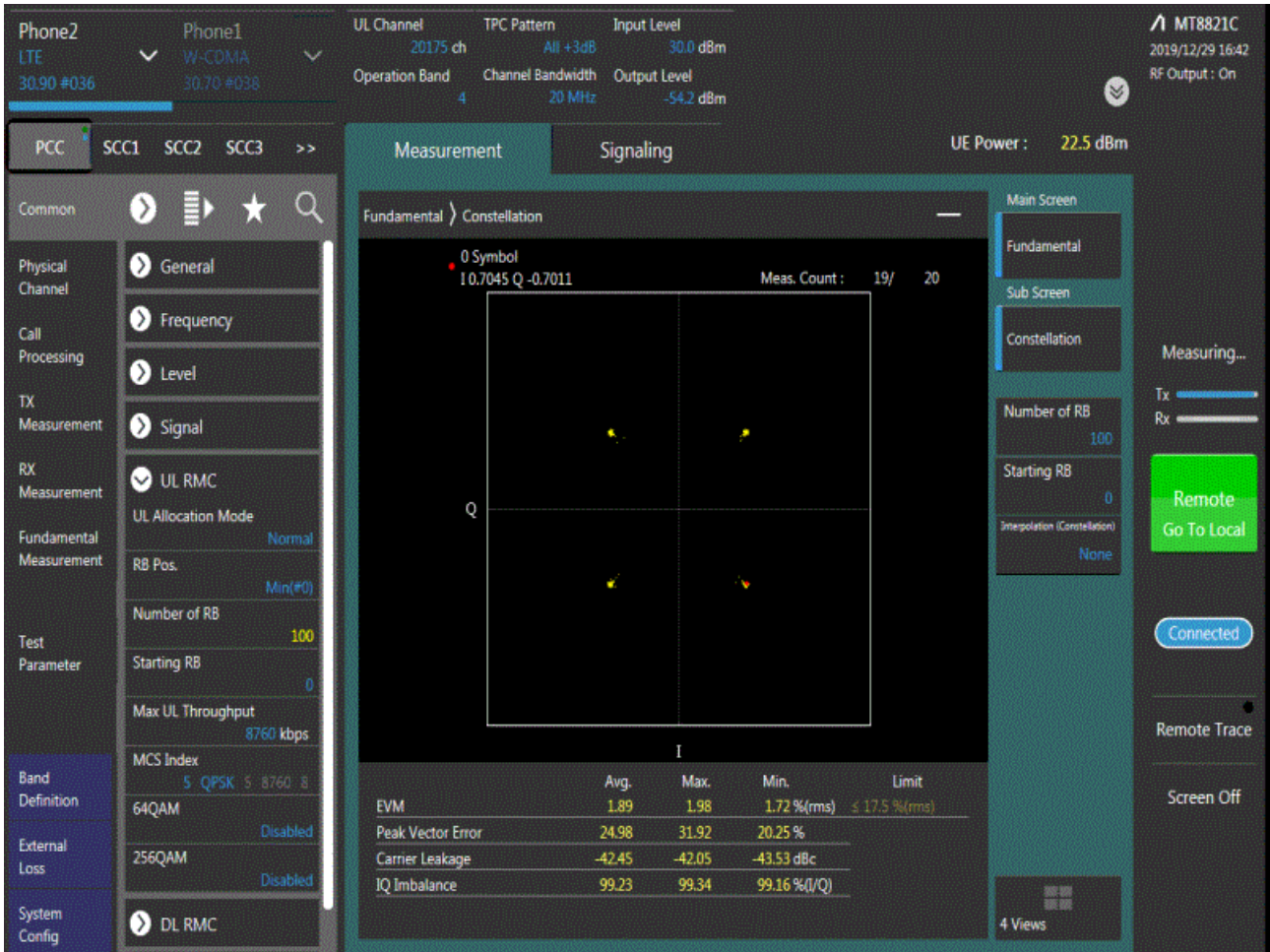
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### 3. Modulation Characteristics

#### 3.1. Test Mode = LTE /TM1 20MHz

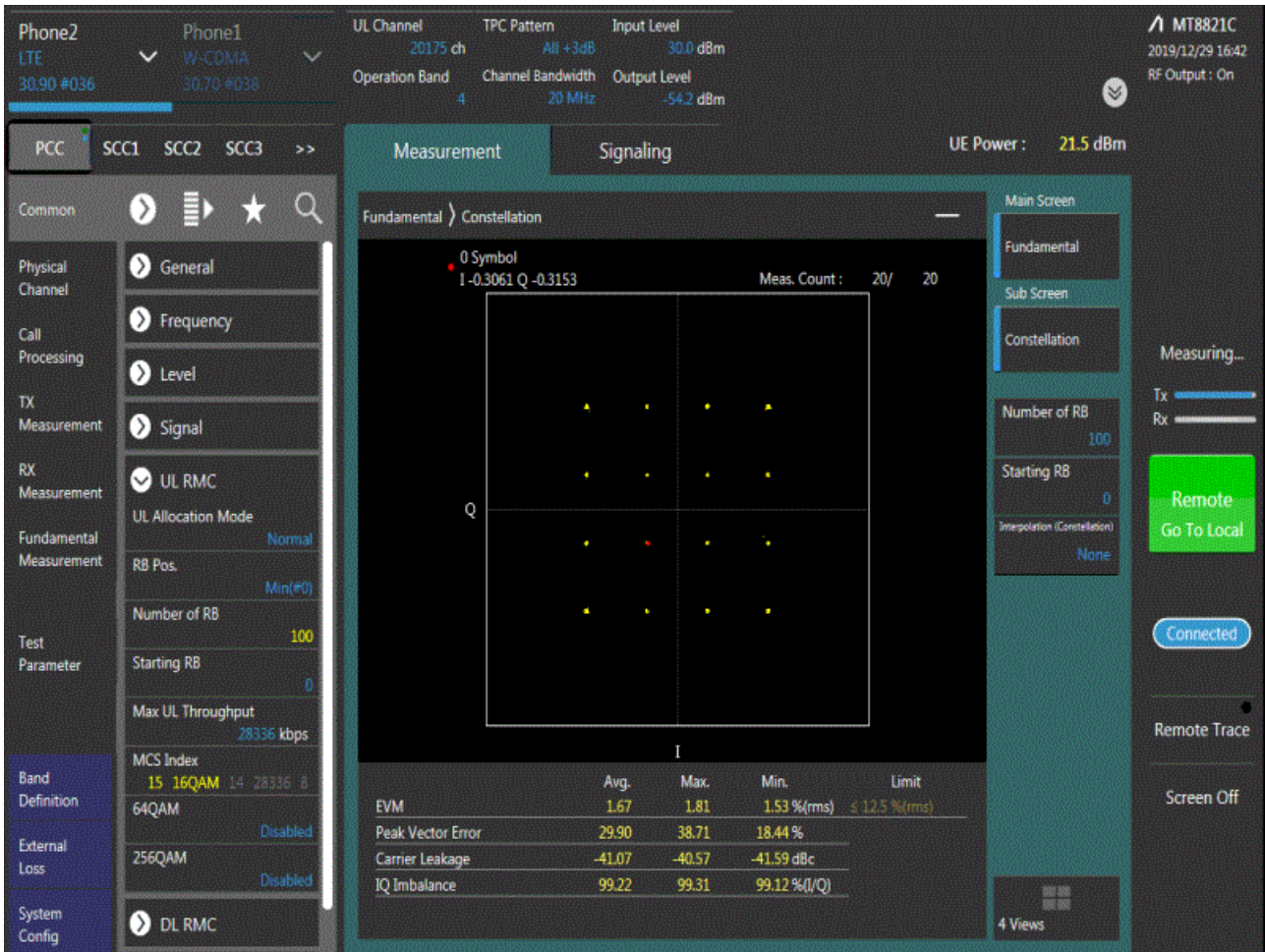
##### 3.1.1. Test Channel = MCH



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### 3.2. Test Mode = LTE /TM2 20MHz

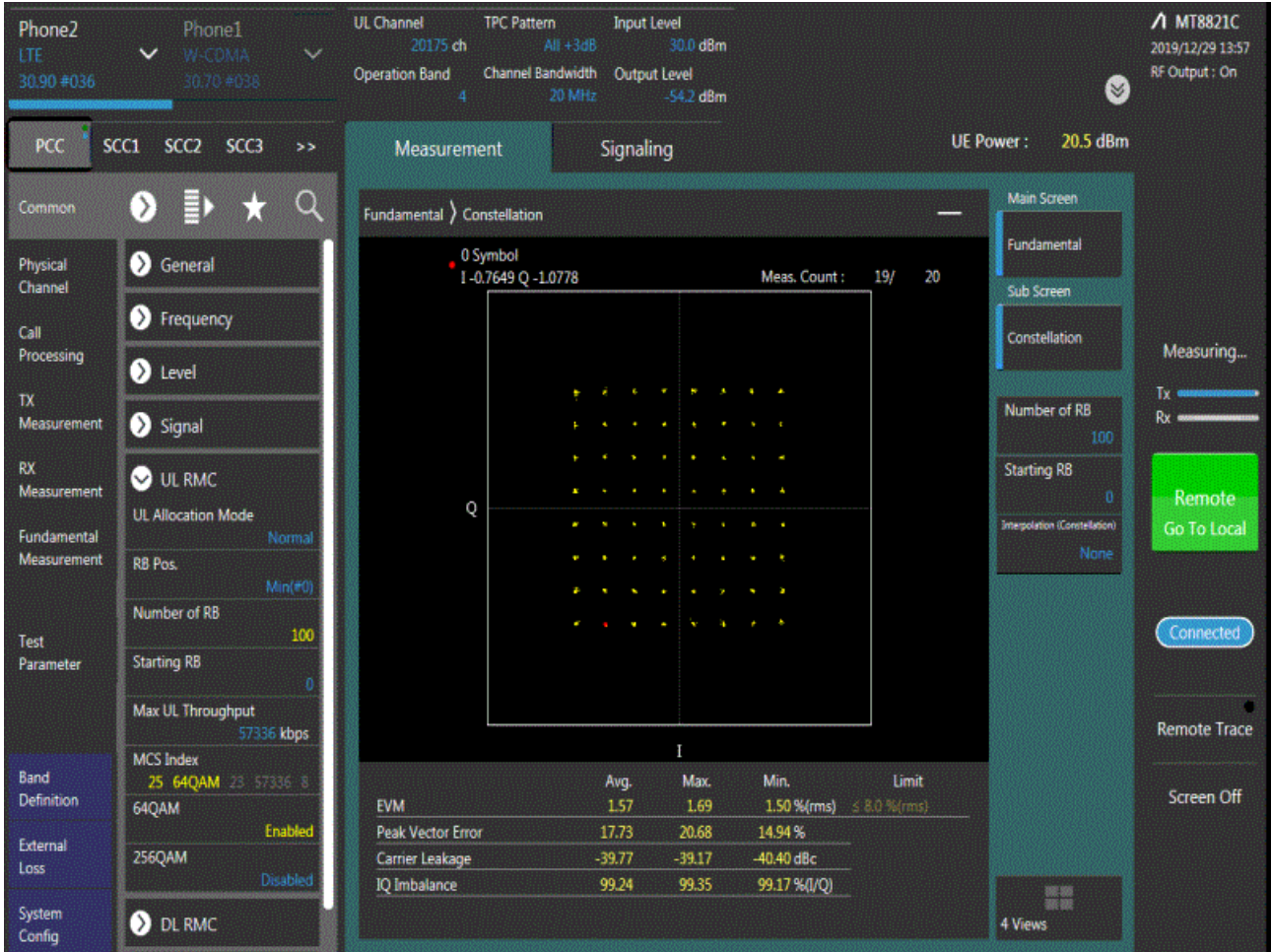
#### 3.2.1. Test Channel = MCH



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### 3.3. Test Mode = LTE /TM3 20MHz

#### 3.3.1. Test Channel = MCH



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## 4. 26dB Bandwidth and Occupied Bandwidth

### 4.1. Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 1.088                    | 1.248                | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 1.082                    | 1.233                | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 1.088                    | 1.236                | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 19957   | 6RB#0            | 1.088                    | 1.248                | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 20175   | 6RB#0            | 1.085                    | 1.227                | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 20393   | 6RB#0            | 1.088                    | 1.233                | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 1.085                    | 1.236                | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 1.085                    | 1.233                | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | 1.085                    | 1.239                | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | 2.697                    | 3.006                | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 15RB#0           | 2.691                    | 3.012                | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 15RB#0           | 2.697                    | 3.018                | PASS    |
| Band4 | 3MHz      | 64QAM      | 19965   | 15RB#0           | 2.685                    | 2.982                | PASS    |
| Band4 | 3MHz      | 64QAM      | 20175   | 15RB#0           | 2.691                    | 2.982                | PASS    |
| Band4 | 3MHz      | 64QAM      | 20385   | 15RB#0           | 2.691                    | 2.982                | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 15RB#0           | 2.679                    | 2.970                | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 15RB#0           | 2.685                    | 2.970                | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 15RB#0           | 2.685                    | 2.982                | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 25RB#0           | 4.466                    | 4.920                | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 25RB#0           | 4.466                    | 4.890                | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 25RB#0           | 4.466                    | 4.830                | PASS    |
| Band4 | 5MHz      | 64QAM      | 19975   | 25RB#0           | 4.466                    | 4.930                | PASS    |
| Band4 | 5MHz      | 64QAM      | 20175   | 25RB#0           | 4.476                    | 4.920                | PASS    |
| Band4 | 5MHz      | 64QAM      | 20375   | 25RB#0           | 4.466                    | 4.940                | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 25RB#0           | 4.486                    | 4.920                | PASS    |
| Band4 | 5MHz      | 16QAM      | 20175   | 25RB#0           | 4.476                    | 4.920                | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 25RB#0           | 4.486                    | 4.930                | PASS    |
| Band4 | 10MHz     | QPSK       | 20000   | 50RB#0           | 8.911                    | 9.620                | PASS    |
| Band4 | 10MHz     | QPSK       | 20175   | 50RB#0           | 8.911                    | 9.700                | PASS    |
| Band4 | 10MHz     | QPSK       | 20350   | 50RB#0           | 8.931                    | 9.660                | PASS    |
| Band4 | 10MHz     | 64QAM      | 20000   | 50RB#0           | 8.911                    | 9.660                | PASS    |



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|       |       |       |       |         |        |        |      |
|-------|-------|-------|-------|---------|--------|--------|------|
| Band4 | 10MHz | 64QAM | 20175 | 50RB#0  | 8.931  | 9.720  | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 50RB#0  | 8.911  | 9.700  | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0  | 8.931  | 9.680  | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0  | 8.911  | 9.720  | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0  | 8.911  | 9.680  | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0  | 13.427 | 14.760 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | 13.457 | 14.730 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | 13.427 | 14.730 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 75RB#0  | 13.427 | 14.700 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 75RB#0  | 13.457 | 14.760 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 75RB#0  | 13.427 | 14.730 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | 13.457 | 14.730 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | 13.457 | 14.700 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | 13.427 | 14.730 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | 17.862 | 19.440 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | 17.862 | 19.440 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 17.862 | 19.440 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | 17.862 | 19.320 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | 17.862 | 19.440 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | 17.862 | 19.360 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 17.822 | 19.320 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 17.902 | 19.440 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 17.822 | 19.360 | PASS |

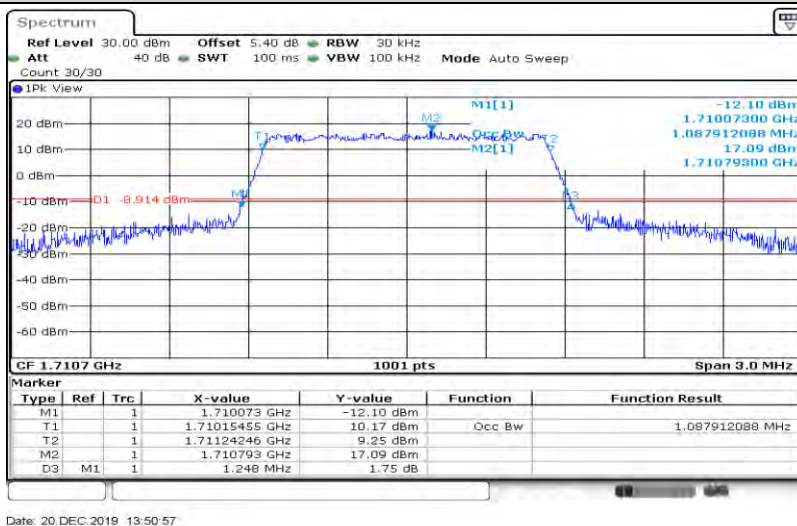


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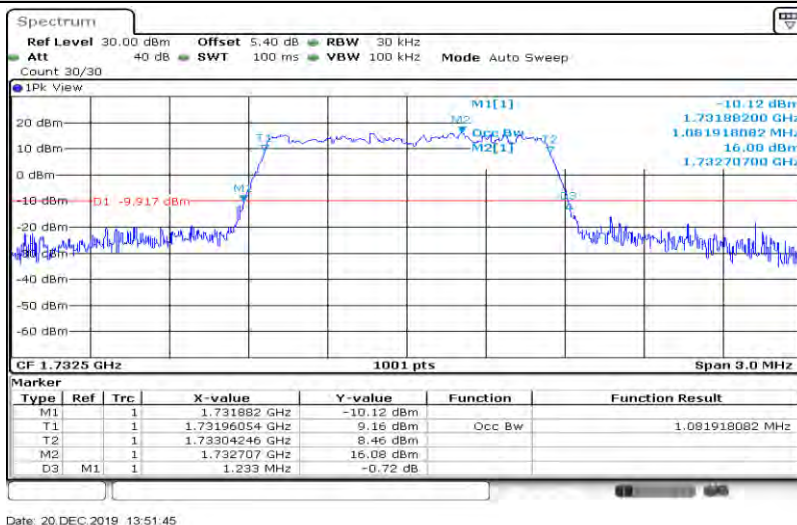
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## 4.2. Test Plots

**Band4-1.4MHz-QPSK-19957-6RB#0-1.088**



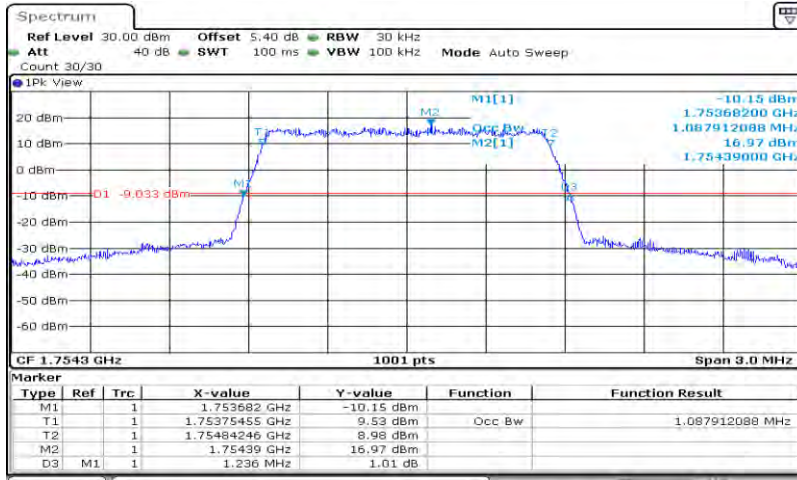
**Band4-1.4MHz-QPSK-20175-6RB#0-1.082**



**Band4-1.4MHz-QPSK-20393-6RB#0-1.088**

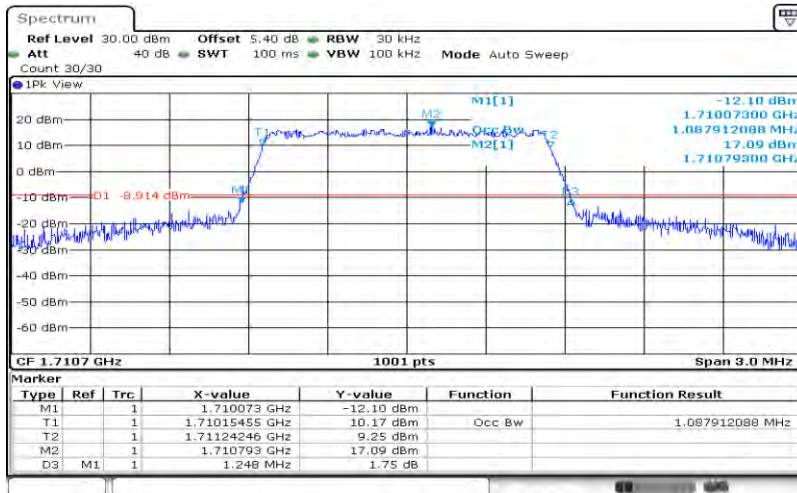


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Date: 20.DEC.2019 13:52:24

**Band4-1.4MHz-64QAM-19957-6RB#0-2.973**

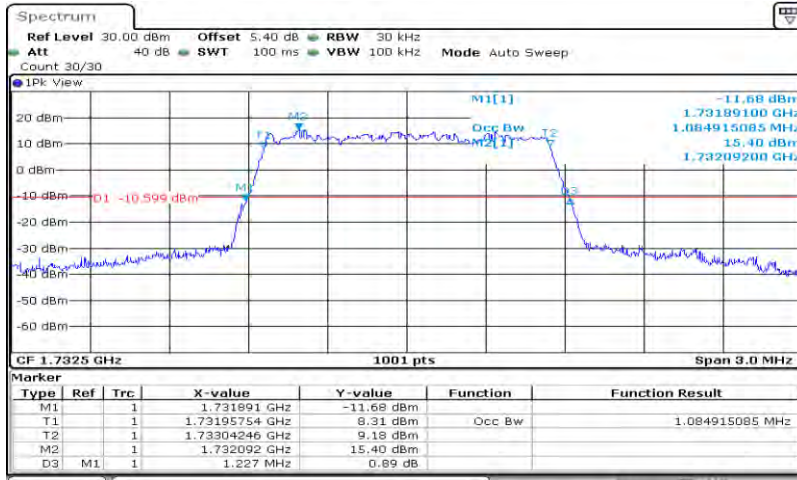


Date: 20.DEC.2019 13:50:57

**Band4-1.4MHz-64QAM-20175-6RB#0-1.085**

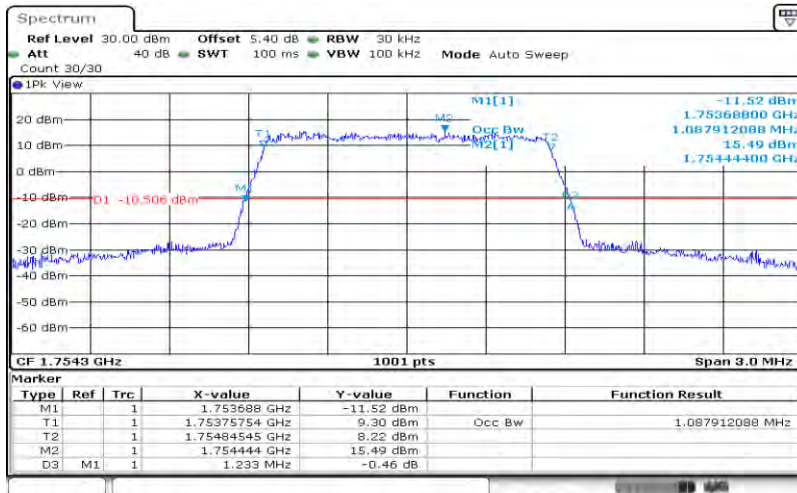


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Date: 20.DEC.2019 13:52:11

**Band4-1.4MHz-64QAM-20393-6RB#0-1.088**



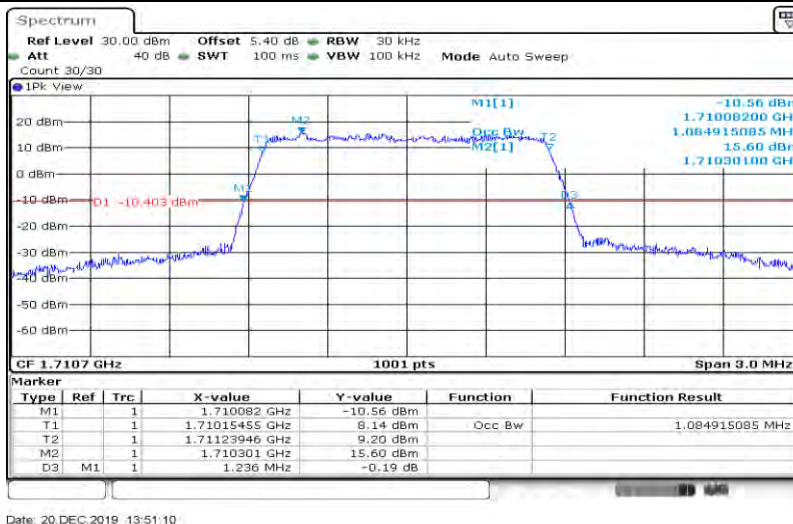
Date: 20.DEC.2019 13:52:49

**Band4-1.4MHz-16QAM-19957-6RB#0-1.085**

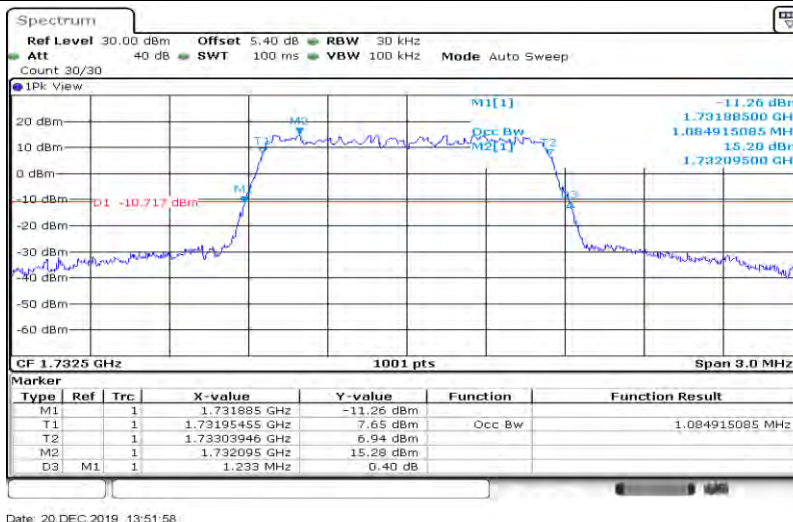


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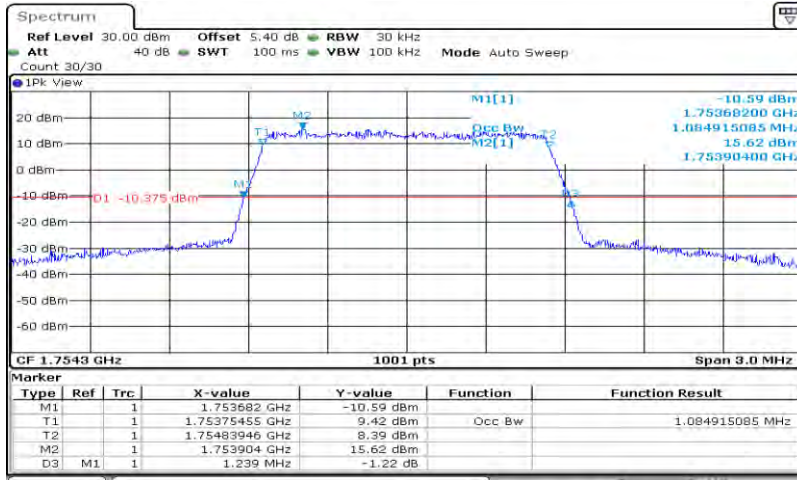
**Band4-1.4MHz-16QAM-20175-6RB#0-1.085**



**Band4-1.4MHz-16QAM-20393-6RB#0-1.085**



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Date: 20.DEC.2019 13:52:36

Band4-3MHz-QPSK-19965-15RB#0-2.697

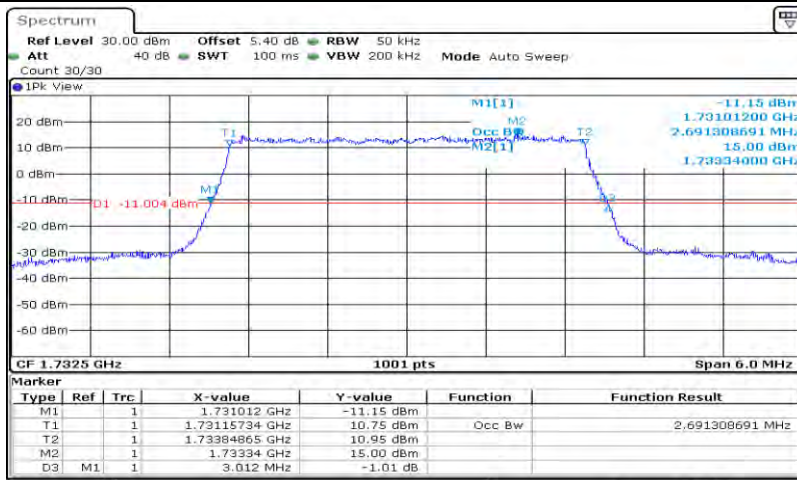


Date: 20.DEC.2019 13:53:07

Band4-3MHz-QPSK-20175-15RB#0-2.691

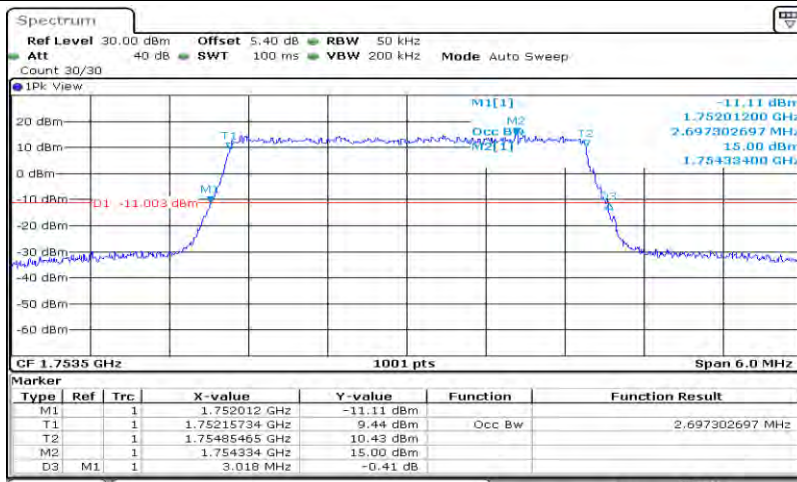


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Date: 20.DEC.2019 13:53:45

**Band4-3MHz-QPSK-20385-15RB#0-2.697**

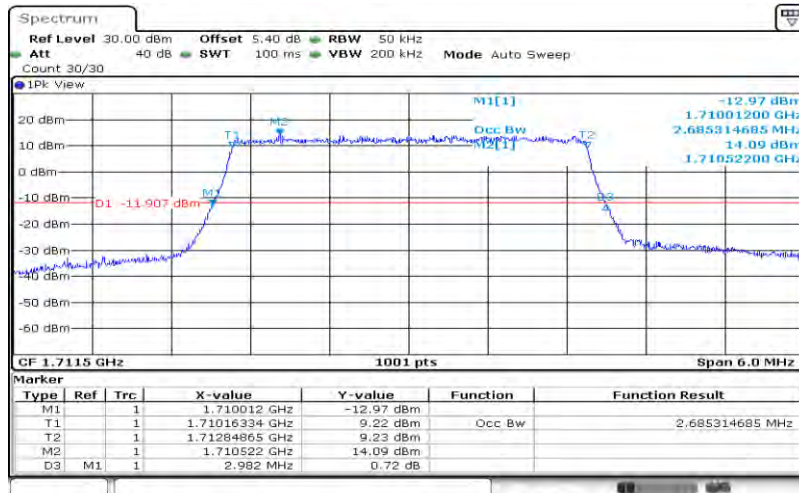


Date: 20.DEC.2019 13:54:23

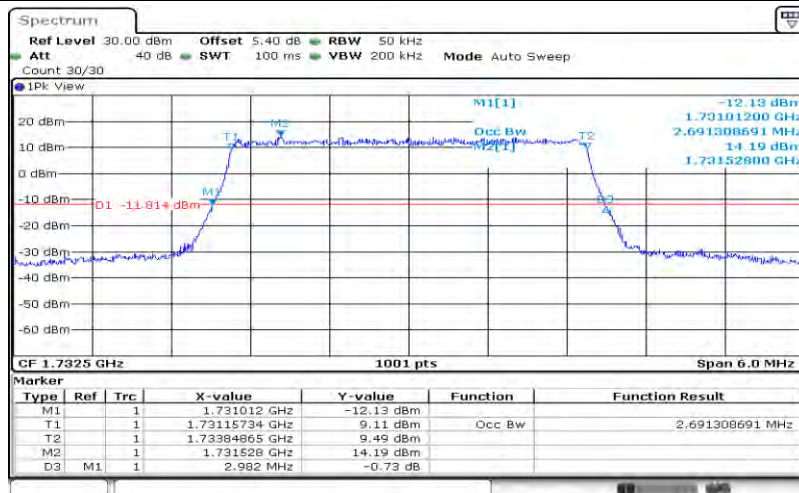
**Band4-3MHz-64QAM-19965-15RB#0-2.685**



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Band4-3MHz-64QAM-20175-15RB#0-2.691



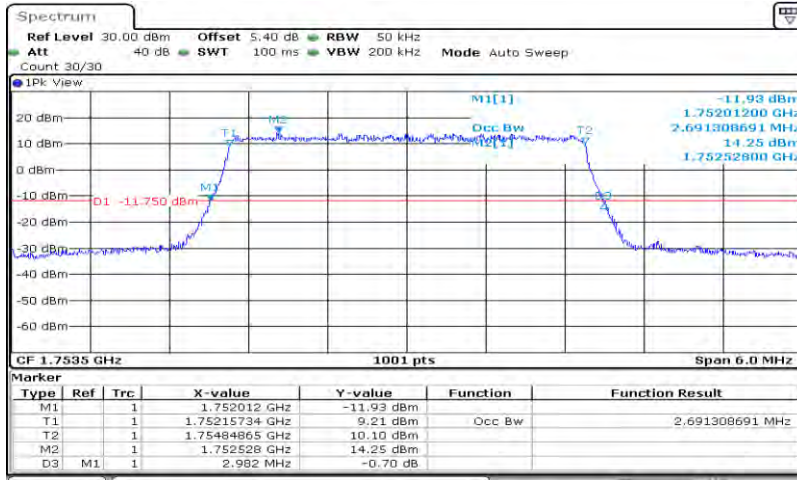
Band4-3MHz-64QAM-20385-15RB#0-2.691



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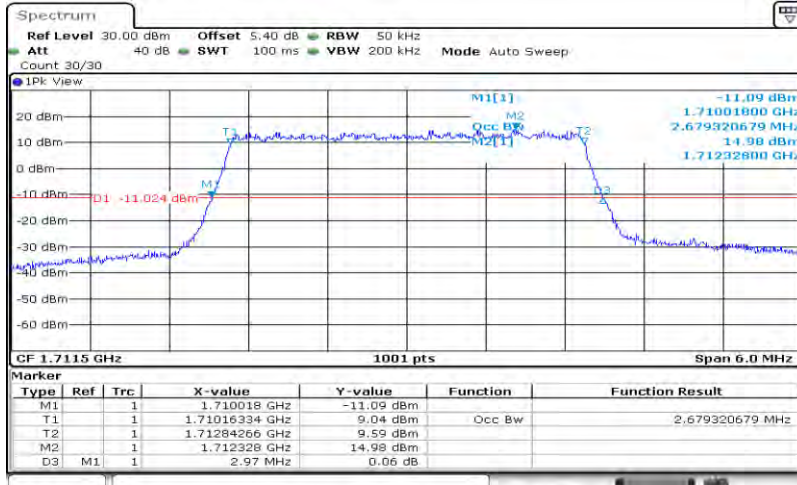
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Date: 20.DEC.2019 13:54:49

Band4-3MHz-16QAM-19965-15RB#0-2.679

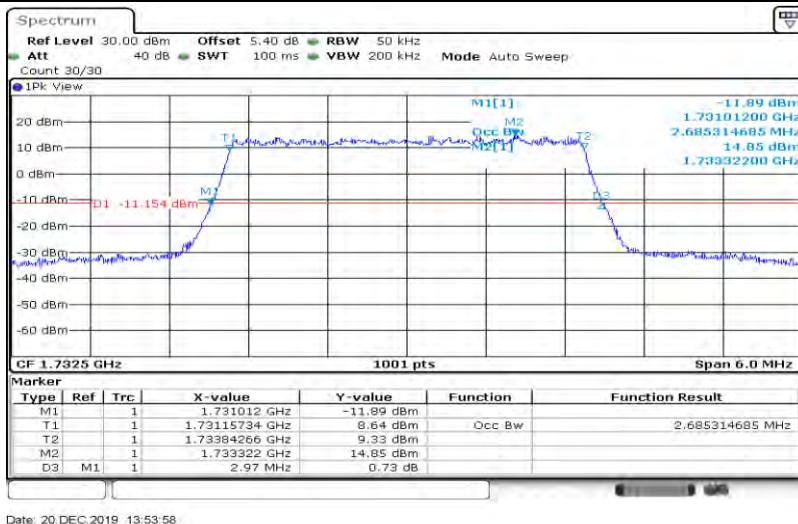


Date: 20.DEC.2019 13:53:19

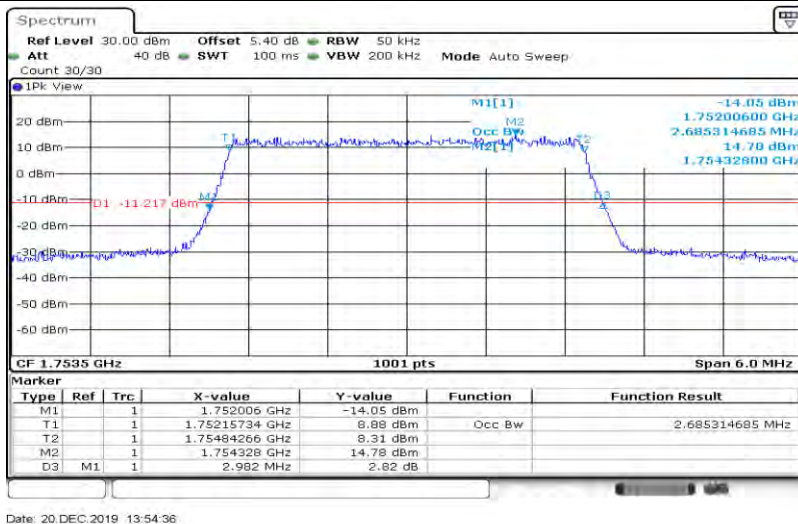
Band4-3MHz-16QAM-20175-15RB#0-2.685



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Band4-3MHz-16QAM-20385-15RB#0-2.685



Band4-5MHz-QPSK-19975-25RB#0-4.466



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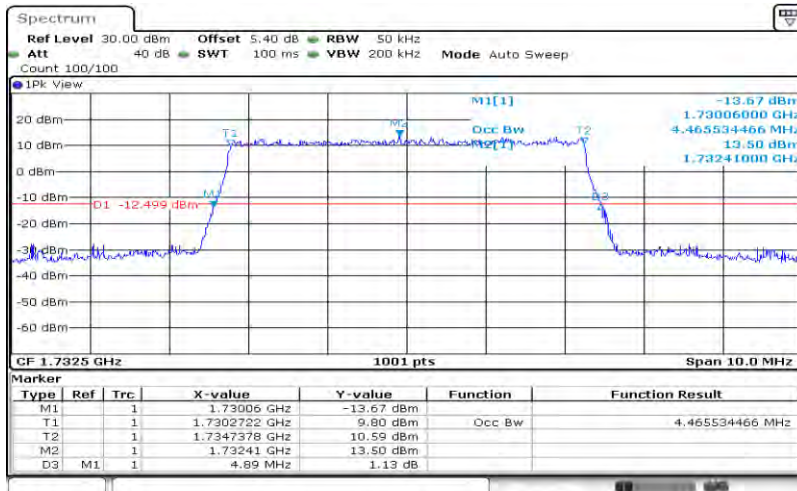
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中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Date: 20.DEC.2019 13:55:13

Band4-5MHz-QPSK-20175-25RB#0-4.466

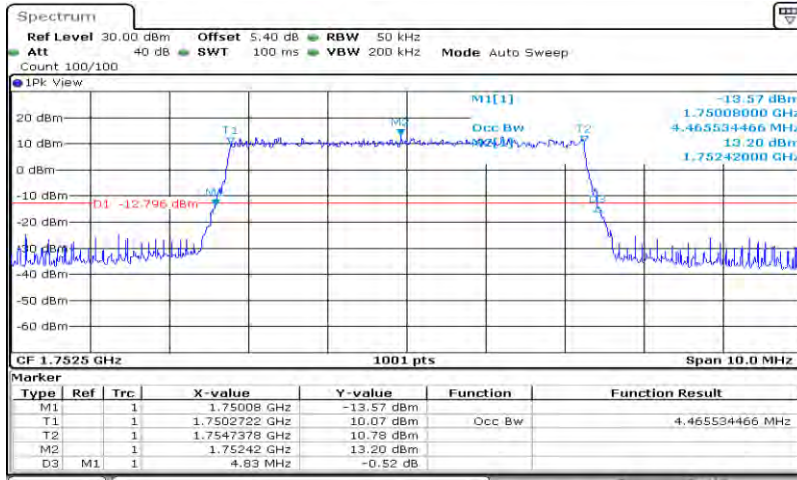


Date: 20.DEC.2019 13:56:13

Band4-5MHz-QPSK-20375-25RB#0-4.466

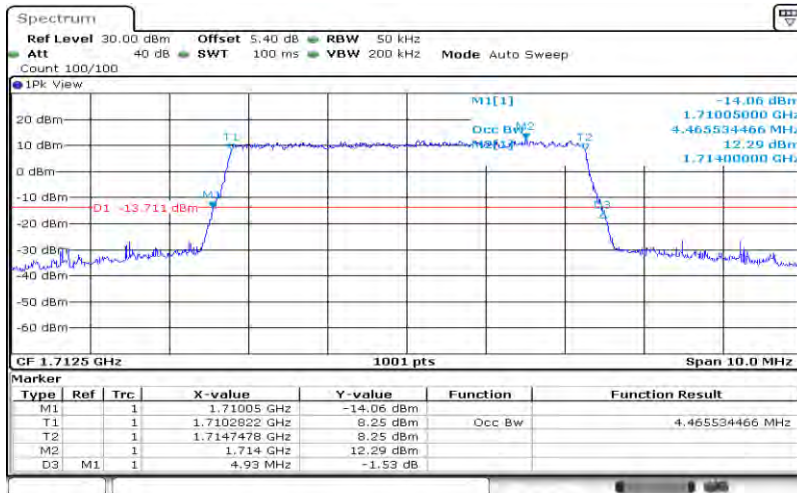


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Date: 20.DEC.2019 13:57:12

**Band4-5MHz-64QAM-19975-25RB#0-4.466**



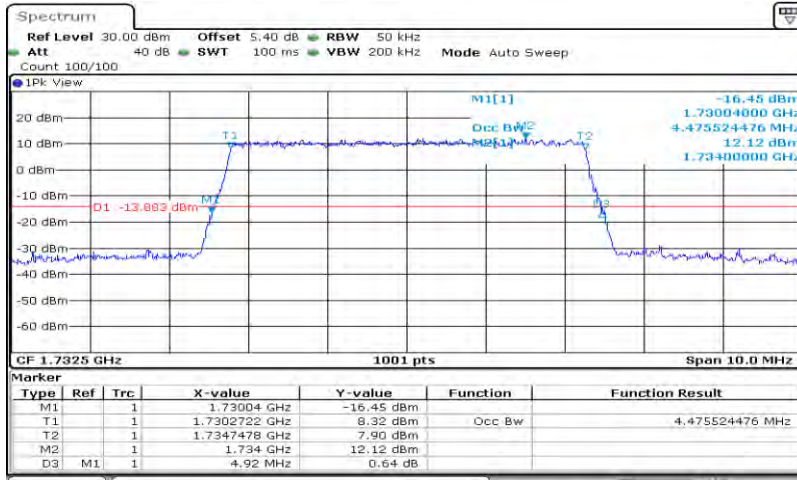
Date: 20.DEC.2019 13:55:53

**Band4-5MHz-64QAM-20175-25RB#0-4.476**



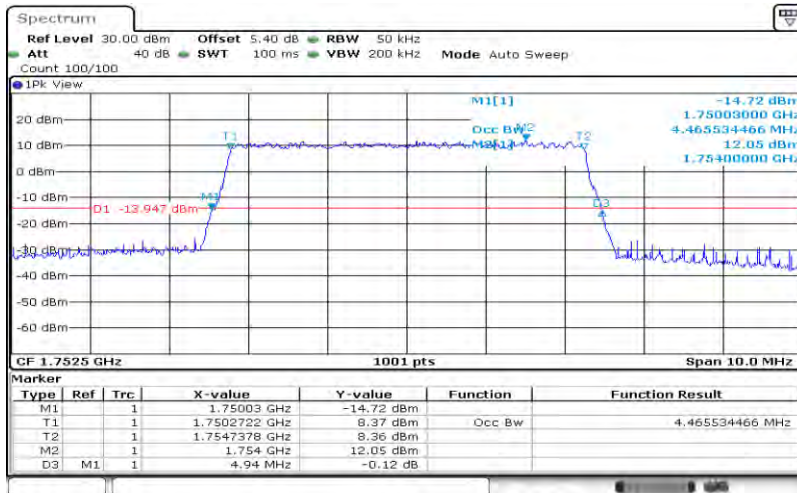
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Date: 20.DEC.2019 13:56:52

**Band4-5MHz-64QAM-20375-25RB#0-4.466**

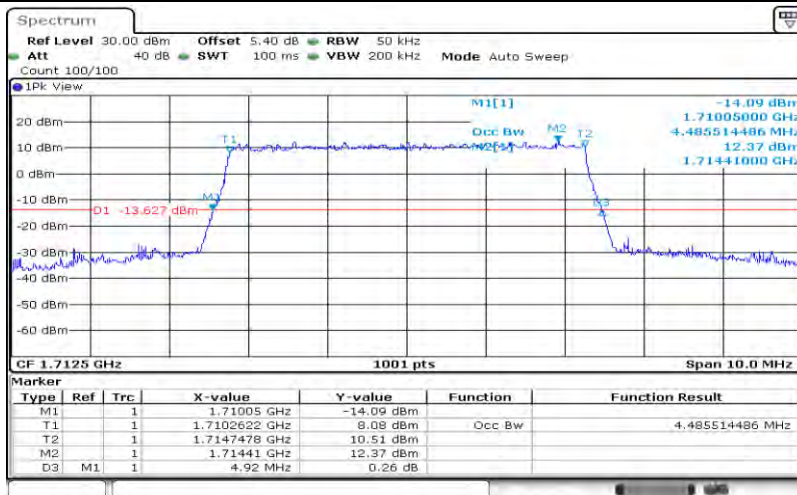


Date: 20.DEC.2019 13:57:51

**Band4-5MHz-16QAM-19975-25RB#0-4.486**

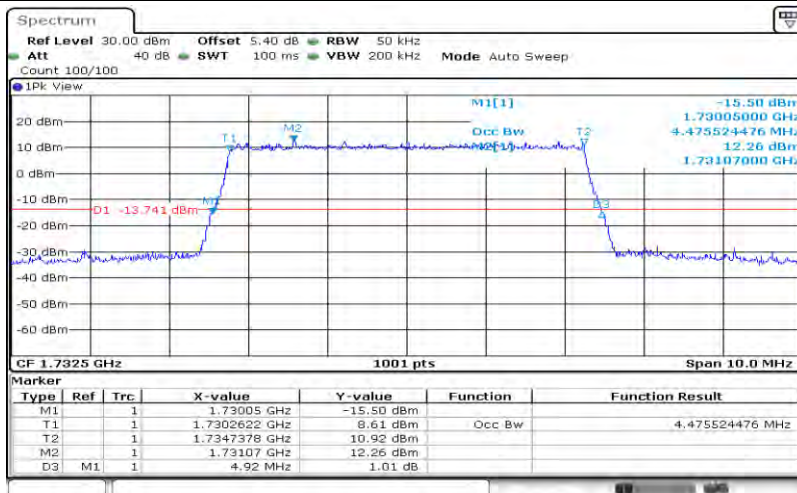


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Date: 20.DEC.2019 13:55:33

**Band4-5MHz-16QAM-20175-25RB#0-4.476**

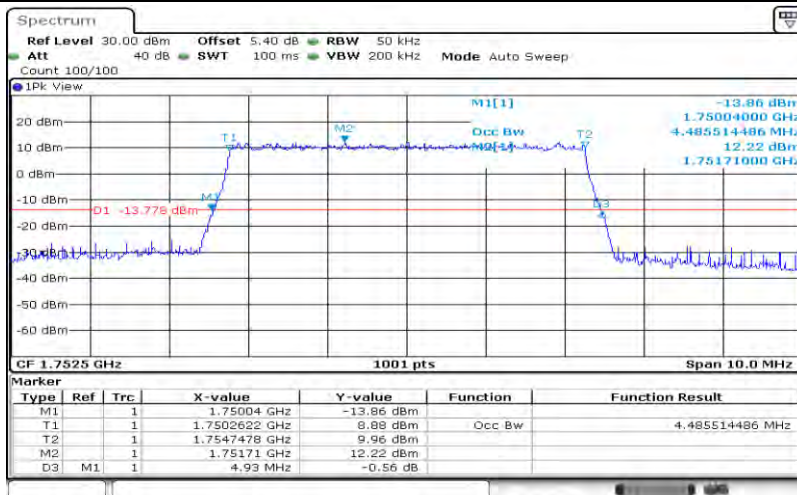


Date: 20.DEC.2019 13:56:32

**Band4-5MHz-16QAM-20375-25RB#0-4.486**

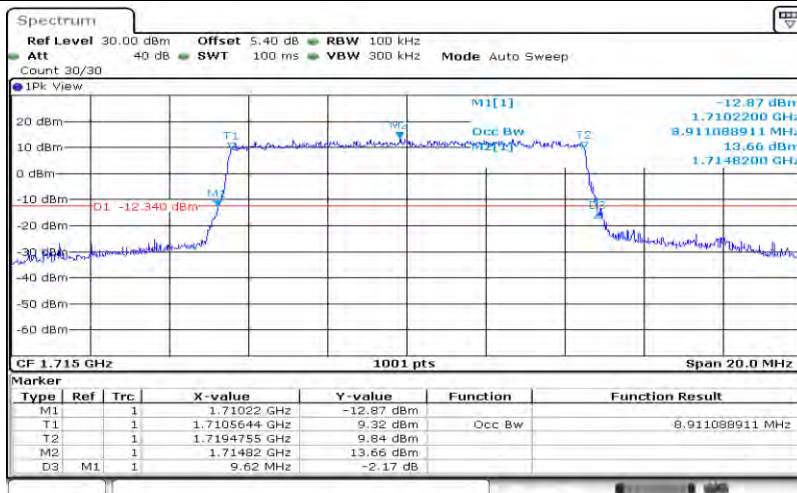


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Date: 20.DEC.2019 13:57:32

Band4-10MHz-QPSK-20000-50RB#0-8.911



Date: 20.DEC.2019 14:02:40

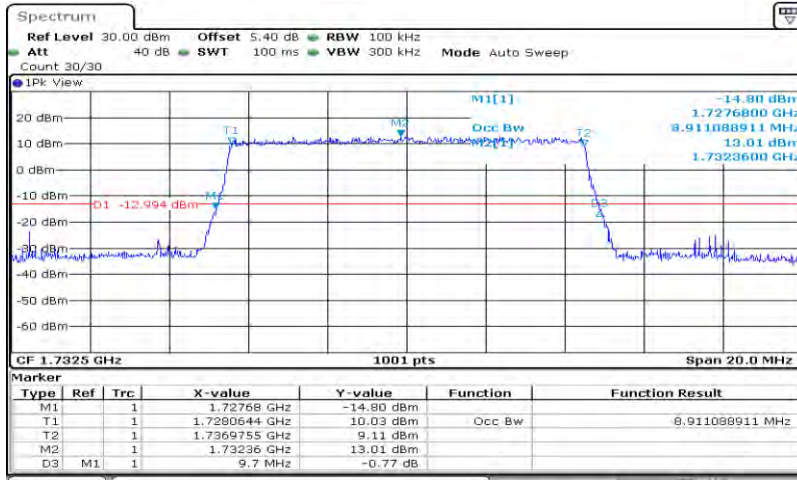
Band4-10MHz-QPSK-20175-50RB#0-8.911



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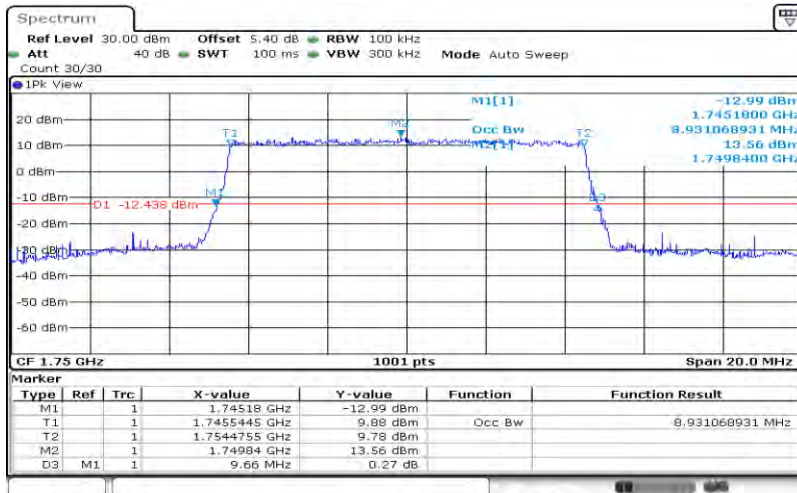
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Date: 20.DEC.2019 14:03:19

**Band4-10MHz-QPSK-20350-50RB#0-8.931**



Date: 20.DEC.2019 14:03:57

**Band4-10MHz-64QAM-20000-50RB#0-8.911**

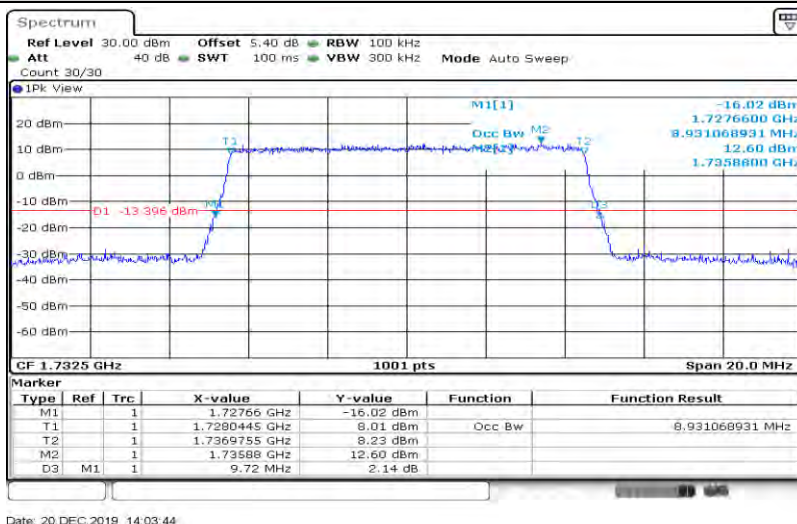


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Date: 20.DEC.2019 14:03:06

Band4-10MHz-64QAM-20175-50RB#0-8.931

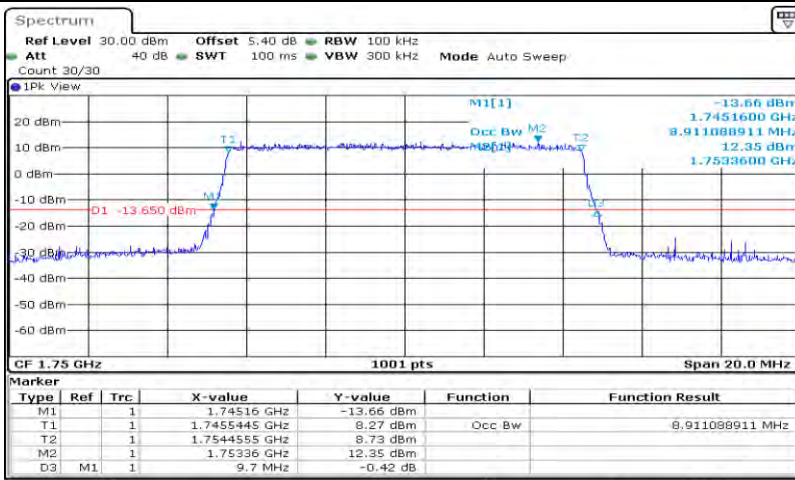


Date: 20.DEC.2019 14:03:44

Band4-10MHz-64QAM-20350-50RB#0-8.911

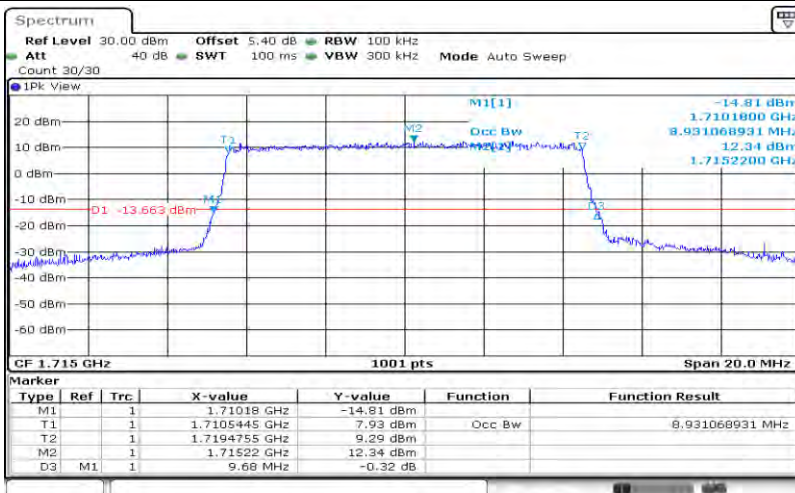


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Date: 20.DEC.2019 14:04:22

**Band4-10MHz-16QAM-20000-50RB#0-8.931**

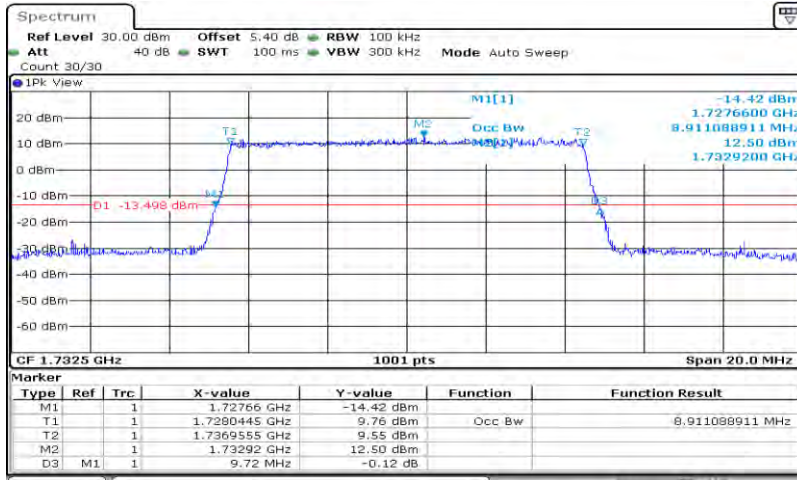


Date: 20.DEC.2019 14:02:53

**Band4-10MHz-16QAM-20175-50RB#0-8.911**

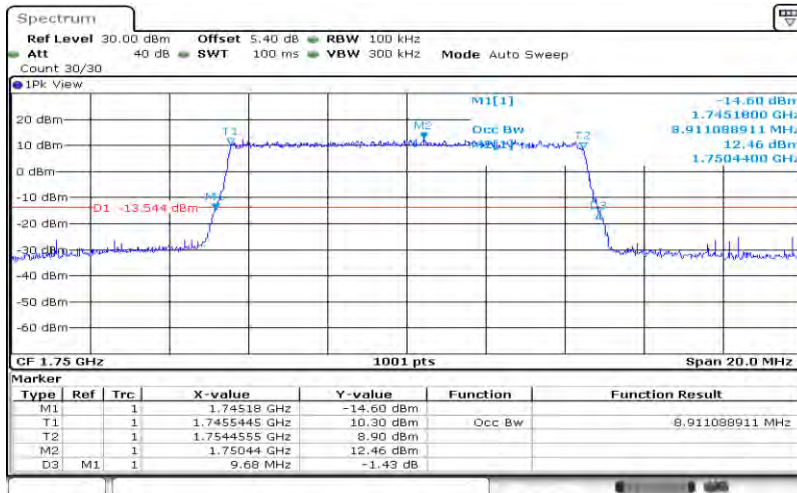


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Date: 20.DEC.2019 14:03:31

Band4-10MHz-16QAM-20350-50RB#0-8.911

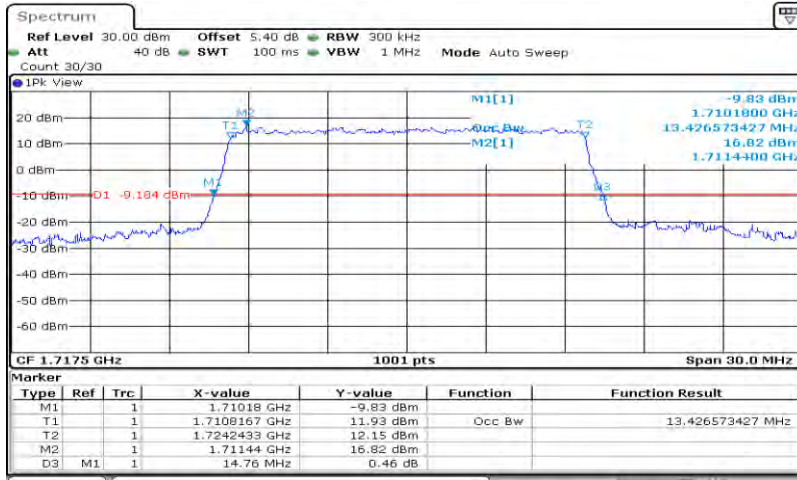


Date: 20.DEC.2019 14:04:10

Band4-15MHz-QPSK-20025-75RB#0-13.427

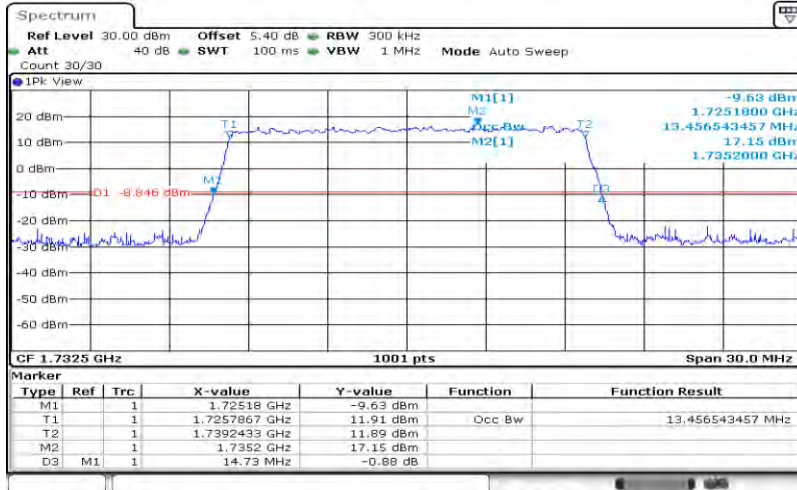


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Date: 20.DEC.2019 14:04:40

**Band4-15MHz-QPSK-20175-75RB#0-13.457**



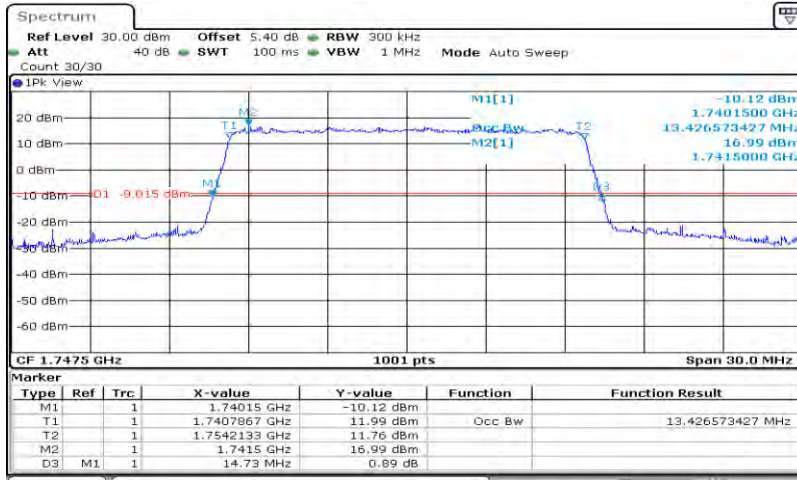
Date: 20.DEC.2019 14:05:18

**Band4-15MHz-QPSK-20325-75RB#0-13.427**



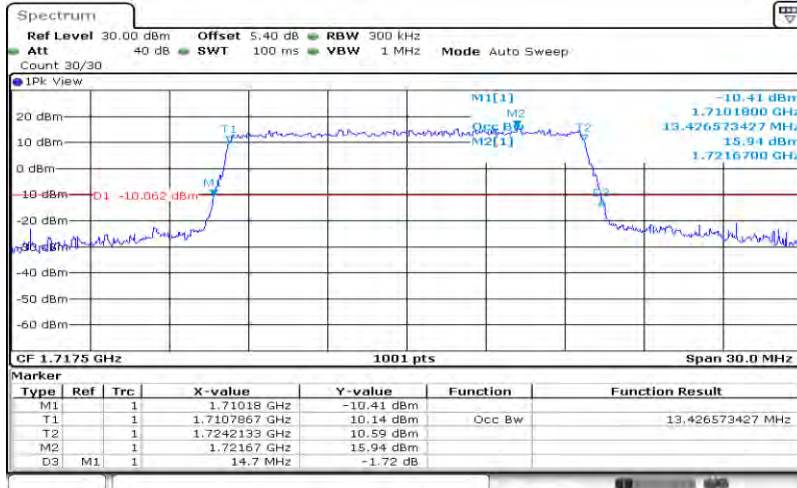
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Date: 20.DEC.2019 14:05:56

Band4-15MHz-64QAM-20025-75RB#0-13.427

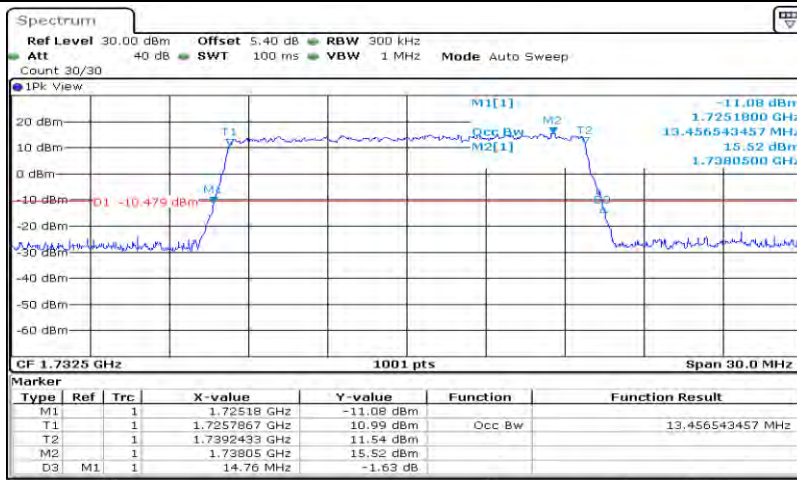


Date: 20.DEC.2019 14:05:05

Band4-15MHz-64QAM-20175-75RB#0-13.457

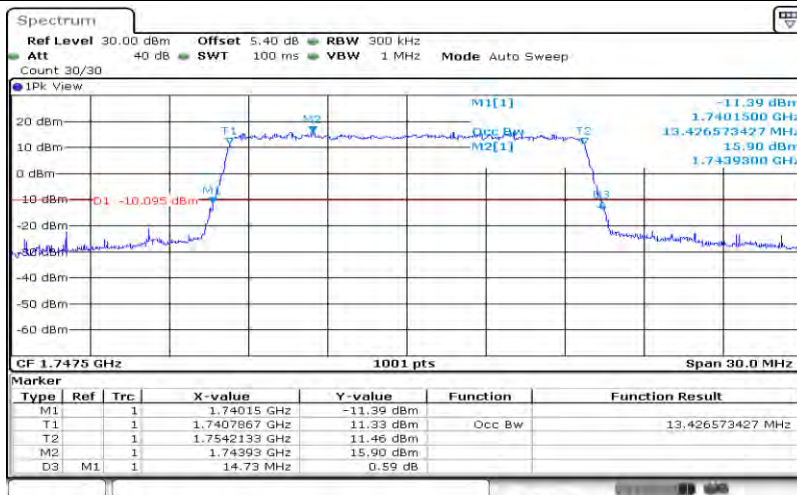


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Date: 20.DEC.2019 14:05:43

Band4-15MHz-64QAM-20325-75RB#0-13.427

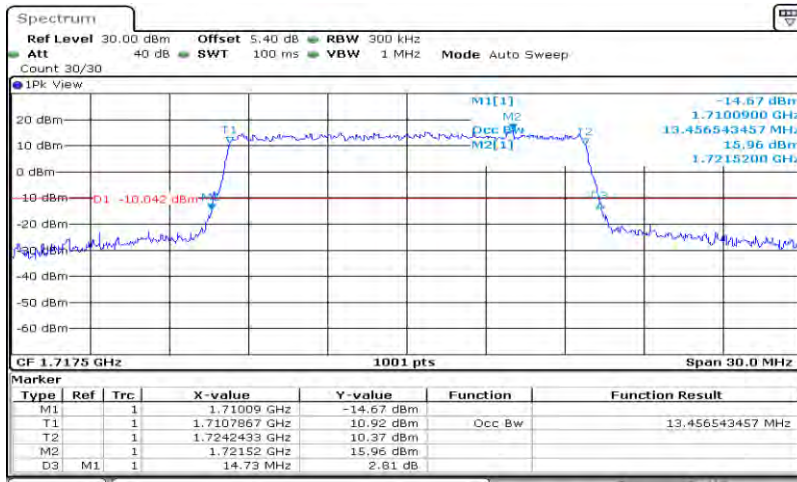


Date: 20.DEC.2019 14:06:21

Band4-15MHz-16QAM-20025-75RB#0-13.457

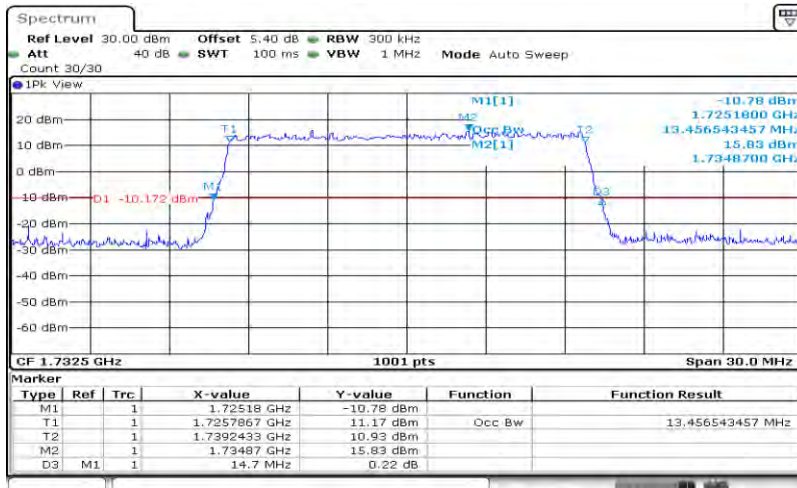


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Date: 20.DEC.2019 14:04:53

Band4-15MHz-16QAM-20175-75RB#0-13.457

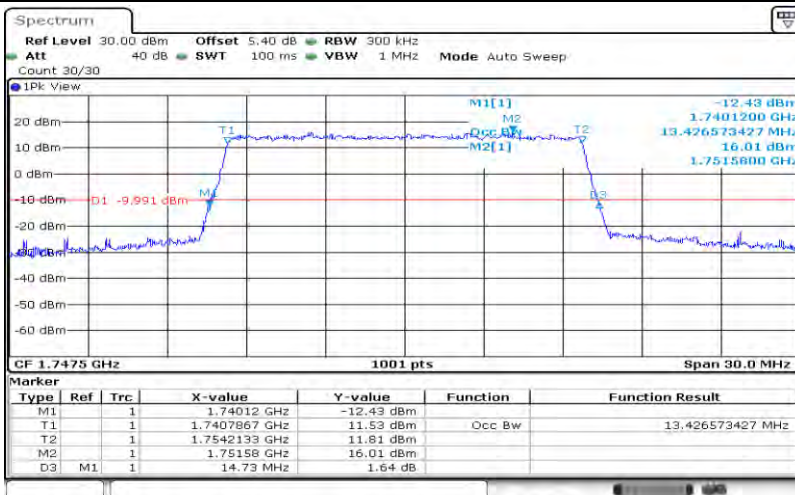


Date: 20.DEC.2019 14:05:31

Band4-15MHz-16QAM-20325-75RB#0-13.427

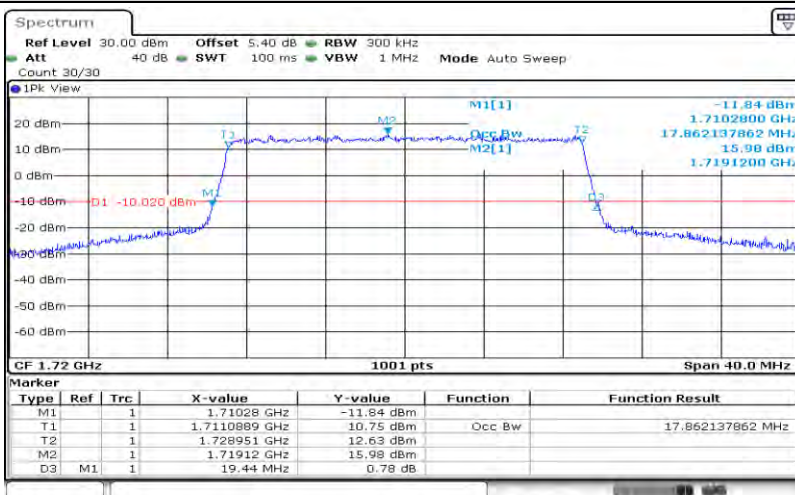


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Date: 20.DEC.2019 14:06:08

Band4-20MHz-QPSK-20050-100RB#0-17.862



Date: 20.DEC.2019 14:06:39

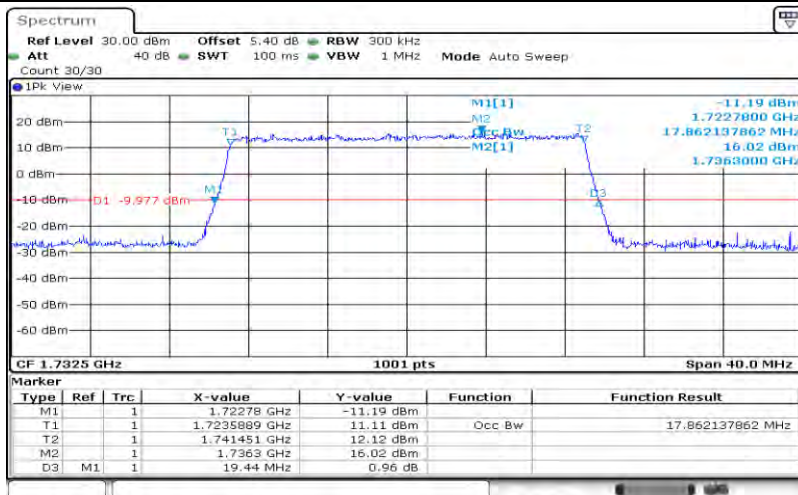
Band4-20MHz-QPSK-20175-100RB#0-17.862



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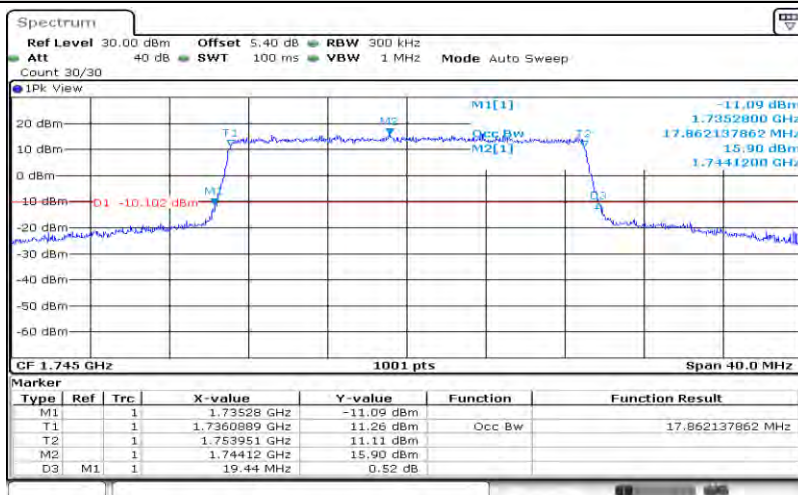
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Date: 20.DEC.2019 14:07:17

**Band4-20MHz-QPSK-20300-100RB#0-17.862**

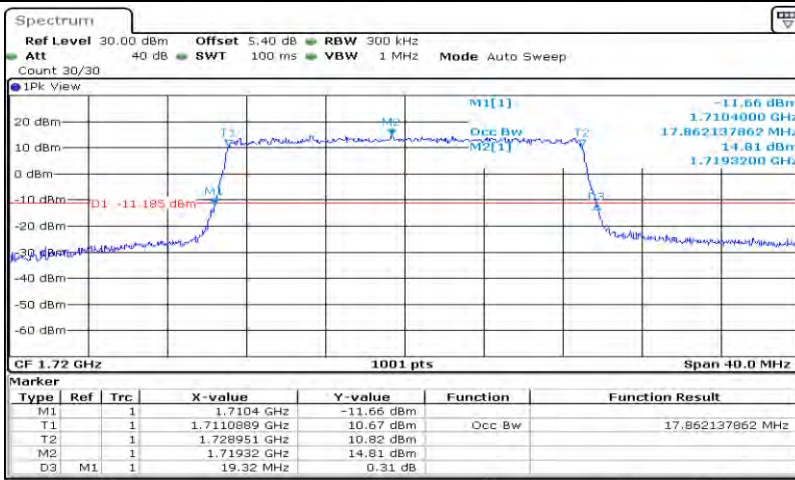


Date: 20.DEC.2019 14:07:54

**Band4-20MHz-64QAM-20050-100RB#0-17.862**

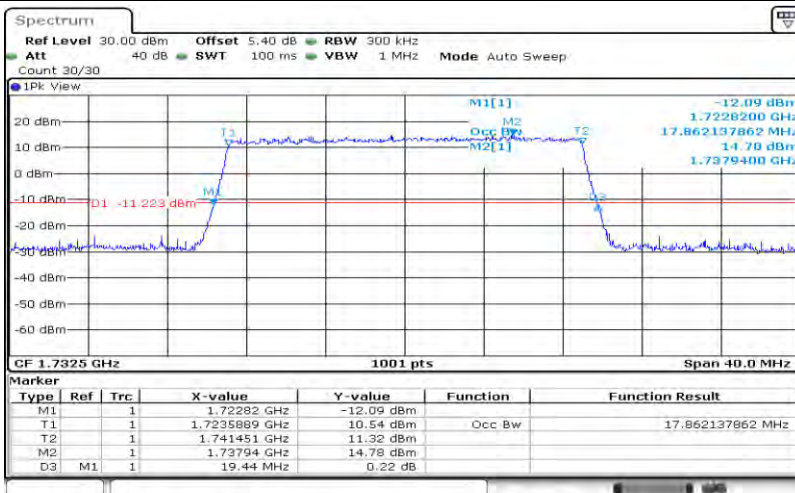


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Date: 20.DEC.2019 14:07:04

**Band4-20MHz-64QAM-20175-100RB#0-17.862**



Date: 20.DEC.2019 14:07:42

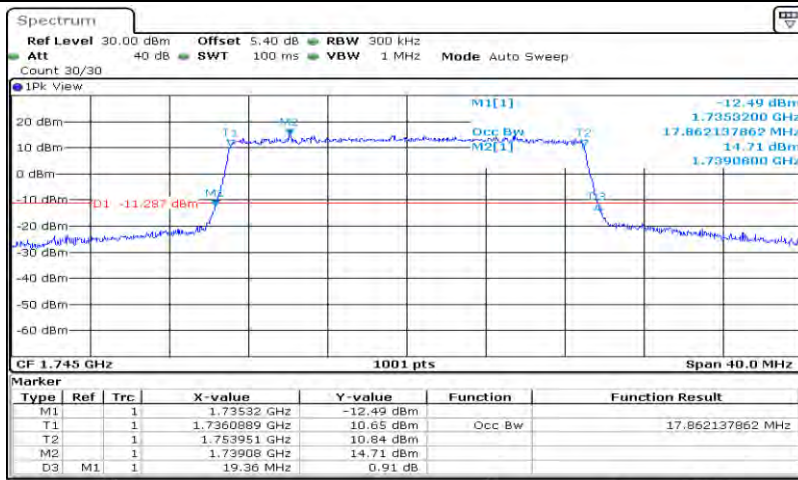
**Band4-20MHz-64QAM-20300-100RB#0-17.862**



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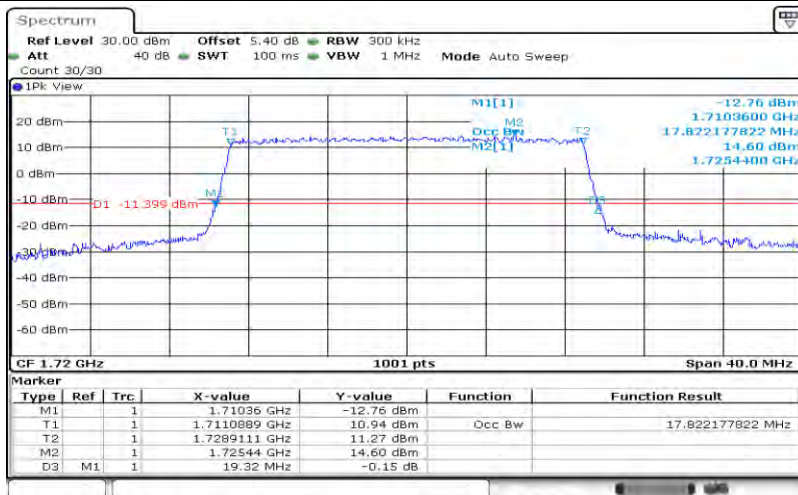
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Date: 20.DEC.2019 14:08:20

Band4-20MHz-16QAM-20050-100RB#0-17.822

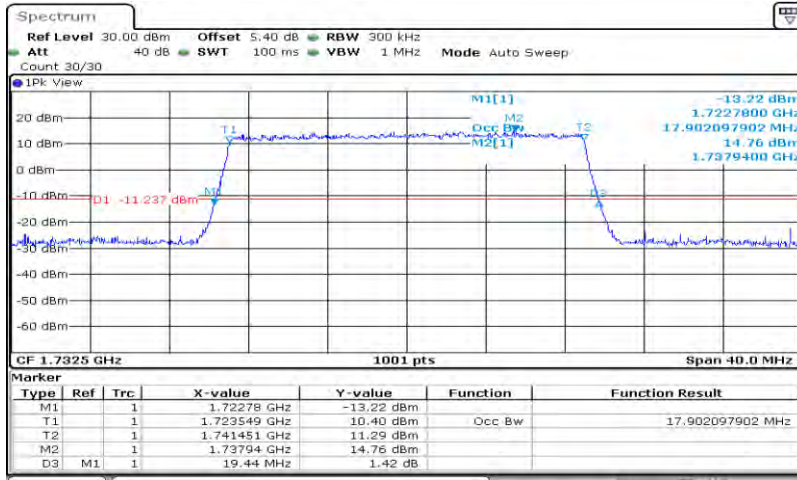


Date: 20.DEC.2019 14:08:51

Band4-20MHz-16QAM-20175-100RB#0-17.902



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Date: 20.DEC.2019 14:07:29

**Band4-20MHz-16QAM-20300-100RB#0-17.822**



Date: 20.DEC.2019 14:08:07



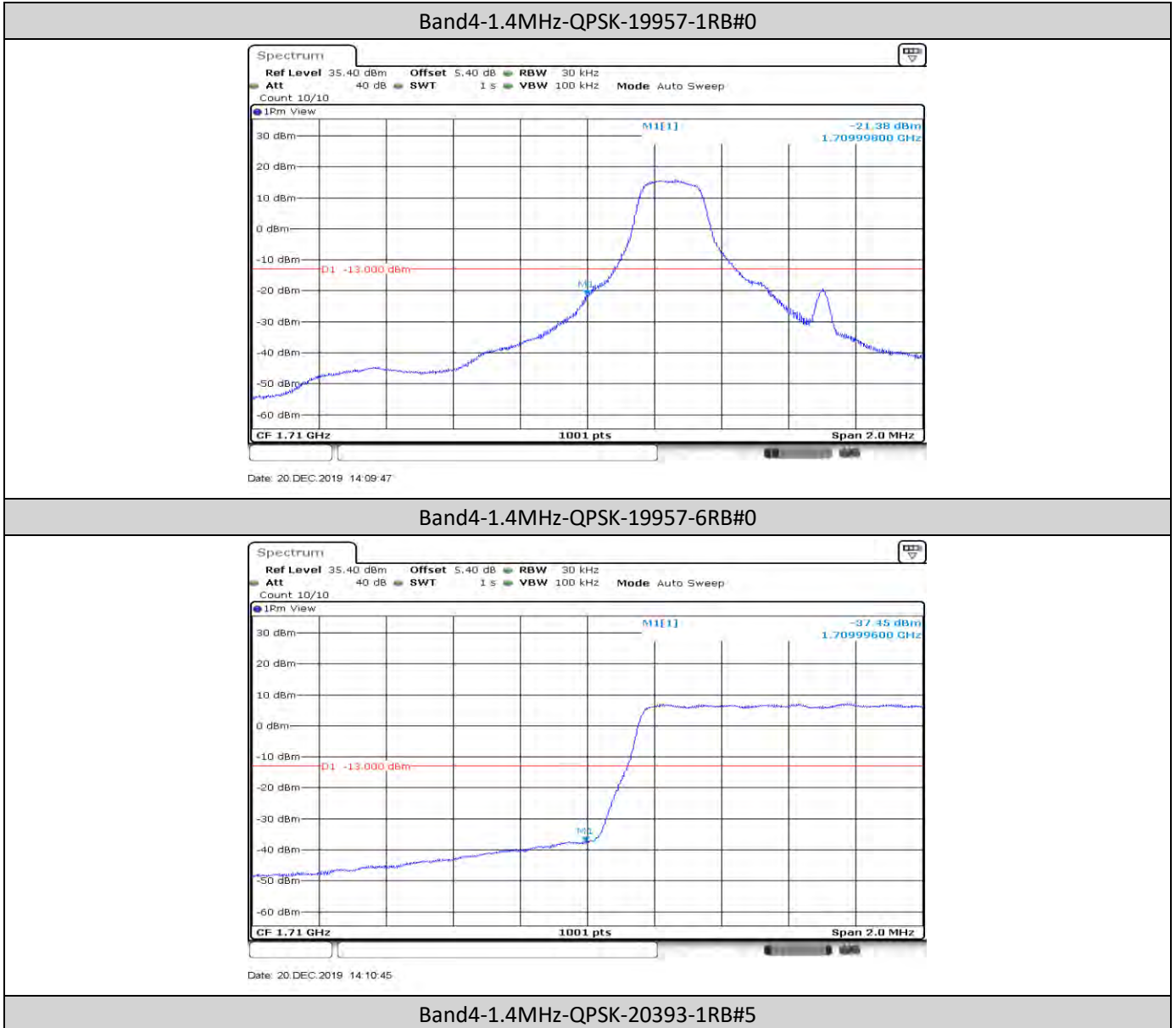
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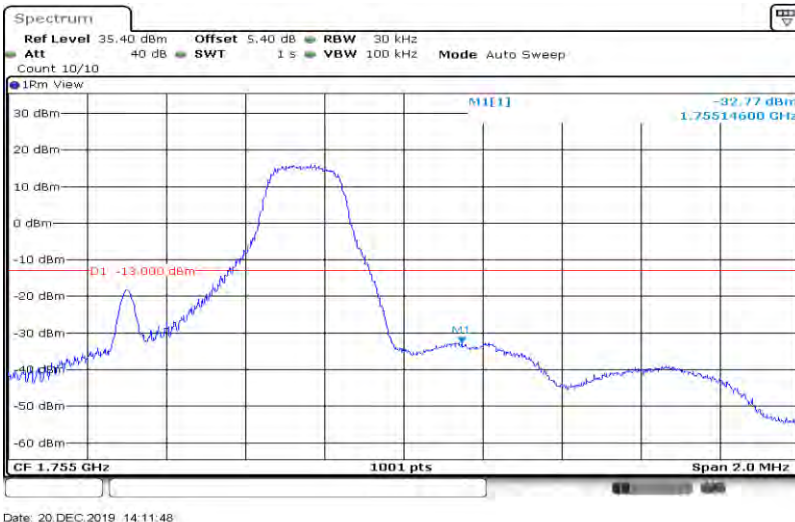


## 5. Band Edge Compliance

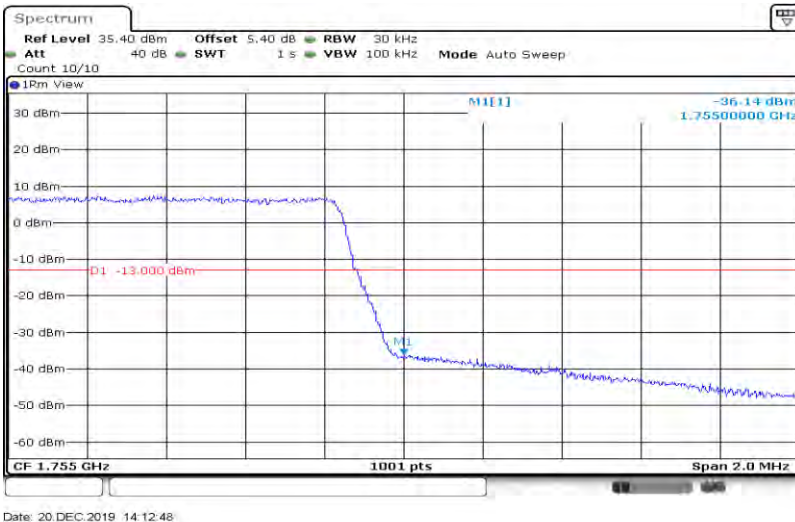
### 5.1. Test Plots



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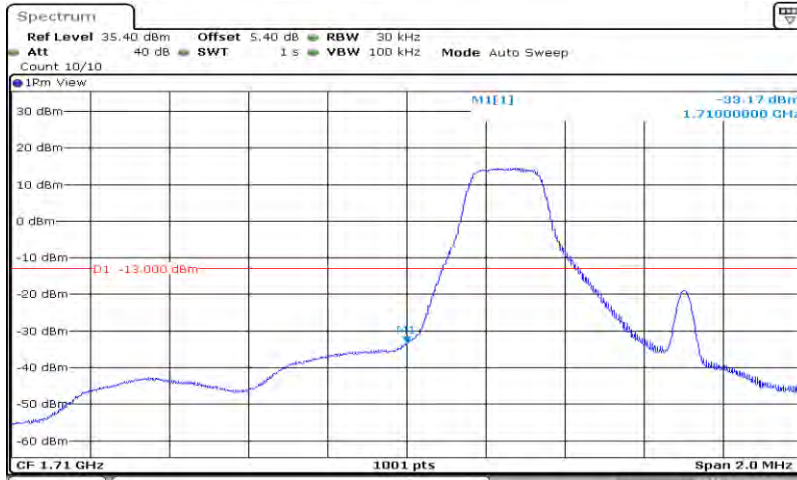
**Band4-1.4MHz-QPSK-20393-6RB#0**



**Band4-1.4MHz-64QAM-19957-1RB#0**



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Date: 20.DEC.2019 14:10:26

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

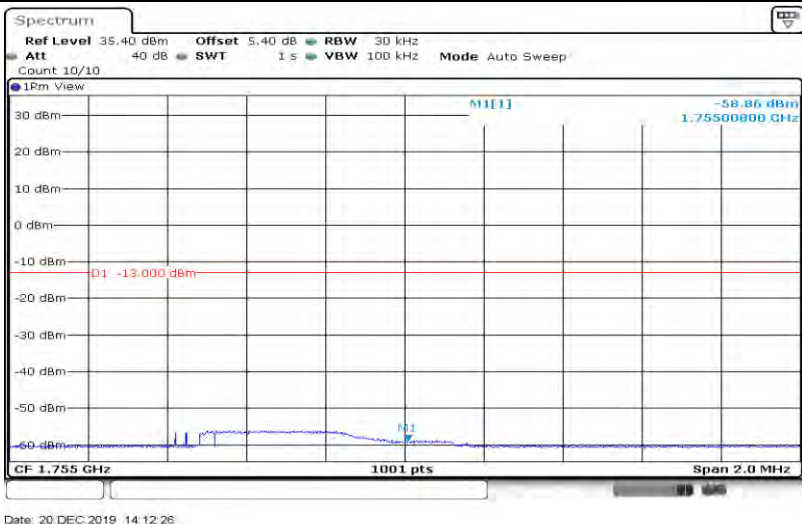


Date: 20.DEC.2019 14:11:24

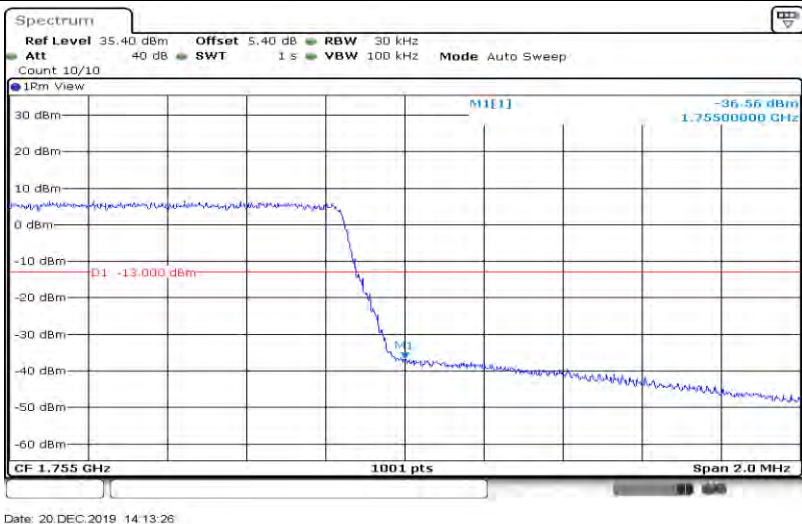
**Band4-1.4MHz-64QAM-20393-1RB#5**



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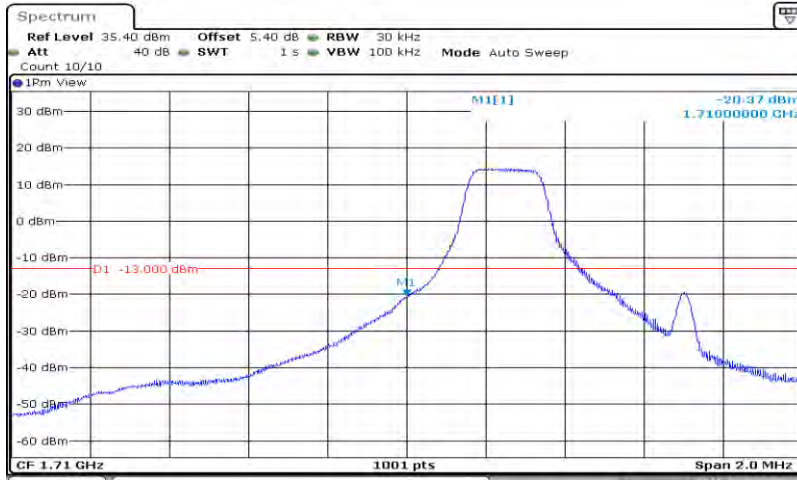
**Band4-1.4MHz-64QAM-20393-6RB#0**



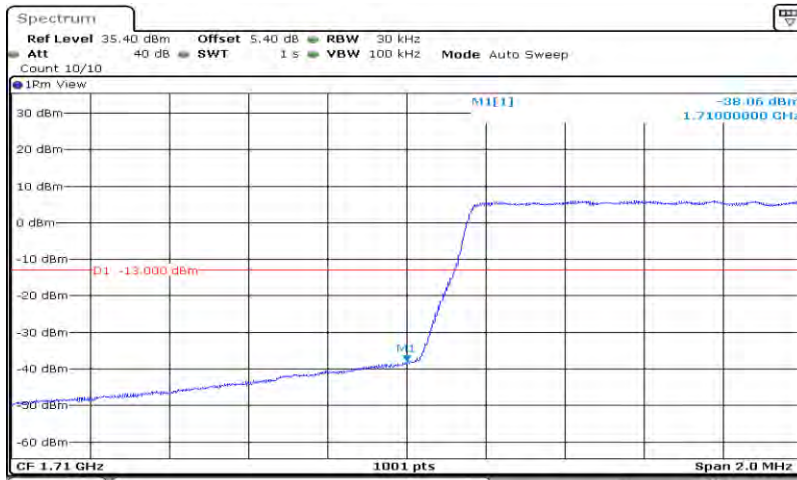
**Band4-1.4MHz-16QAM-19957-1RB#0**



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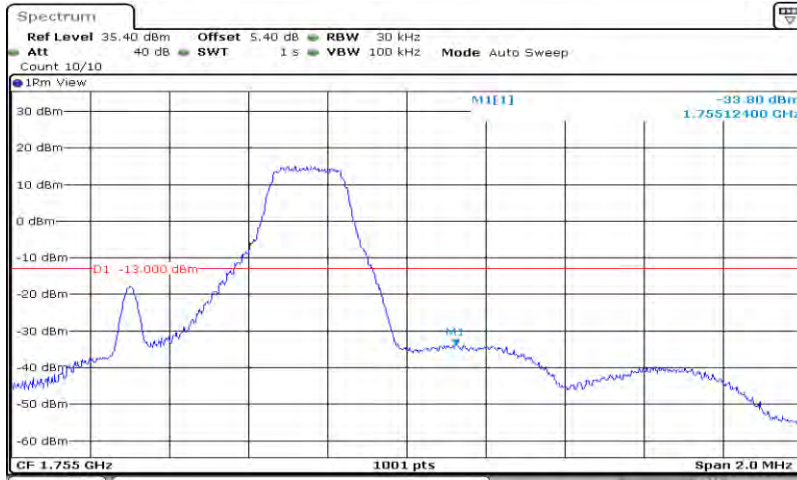
**Band4-1.4MHz-16QAM-19957-6RB#0**



**Band4-1.4MHz-16QAM-20393-1RB#5**

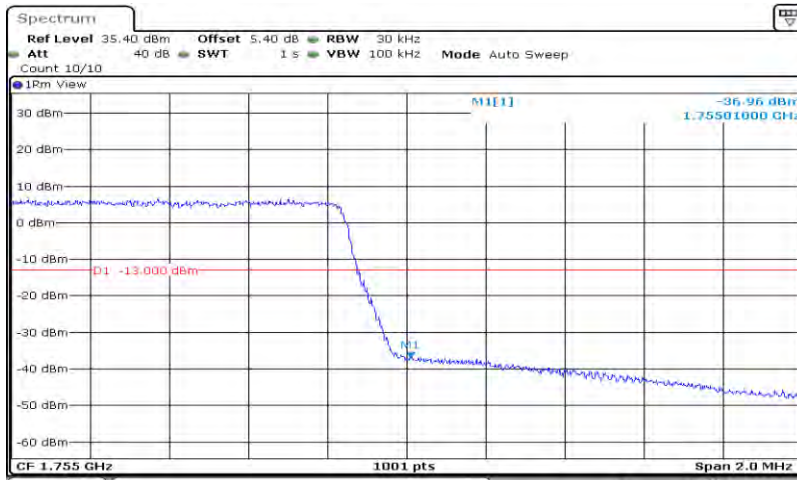


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**Band4-1.4MHz-16QAM-20393-6RB#0**

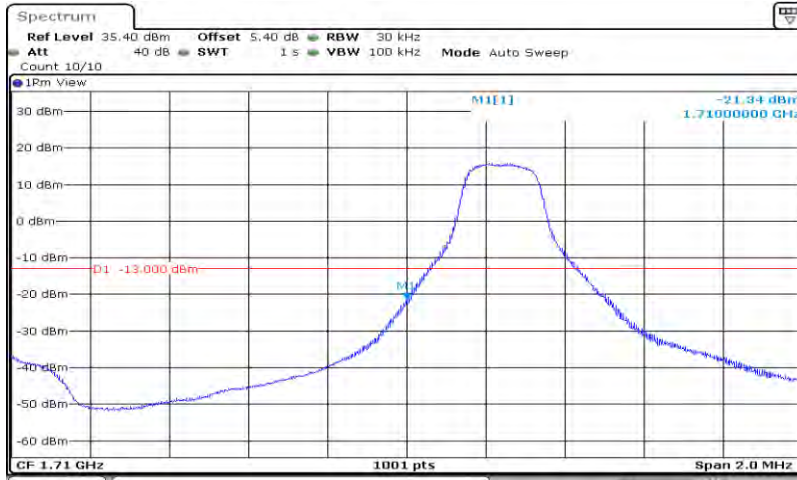


Date: 20.DEC.2019 14:13:07

**Band4-3MHz-QPSK-19965-1RB#0**

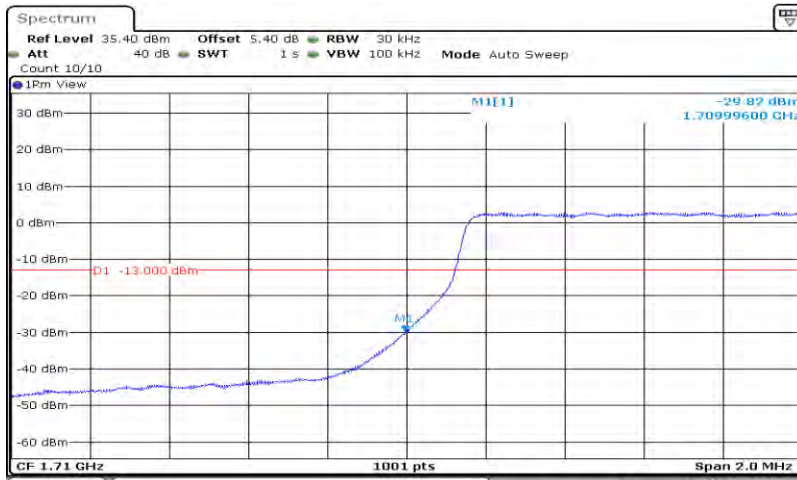


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Date: 20.DEC.2019 14:13:51

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

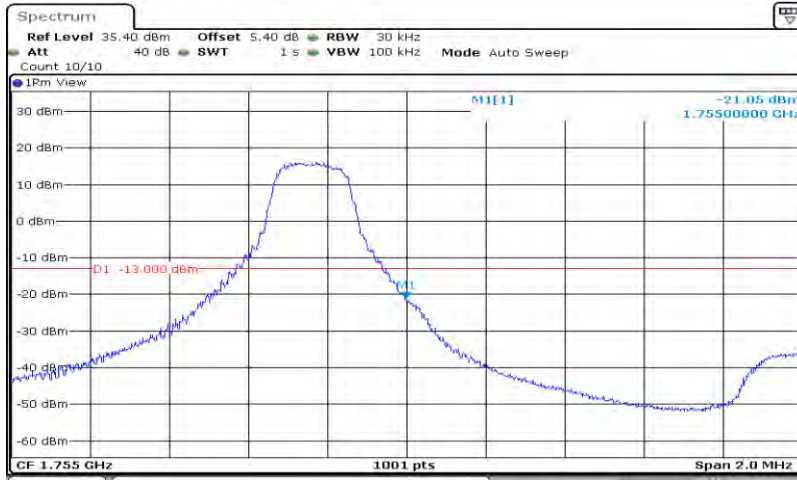


Date: 20.DEC.2019 14:14:49

**Band4-3MHz-QPSK-20385-1RB#14**

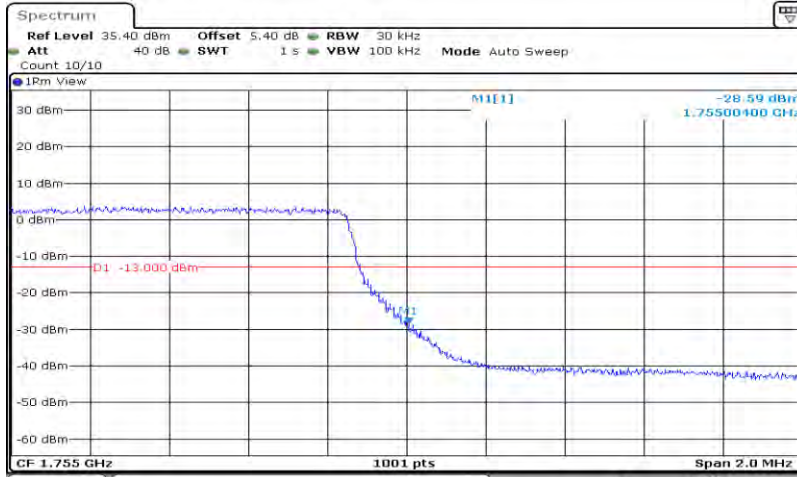


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Date: 20.DEC.2019 14:15:52

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



Date: 20.DEC.2019 14:16:50

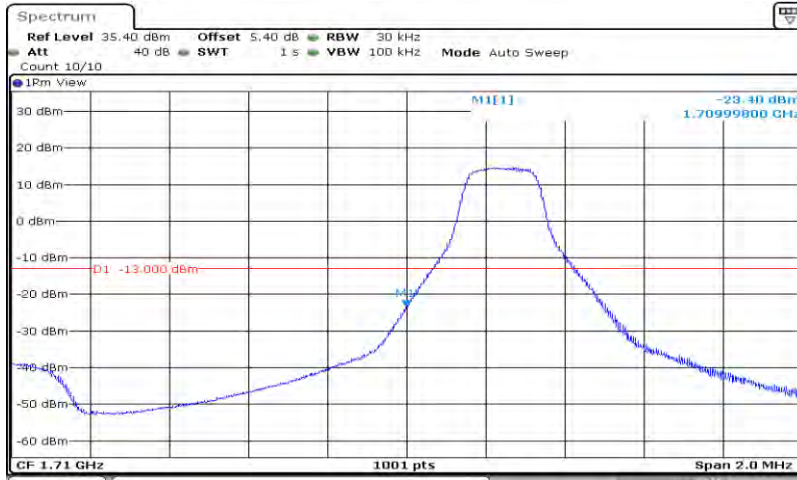
**Band4-3MHz-64QAM-19965-1RB#0**



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Date: 20.DEC.2019 14:14:30

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

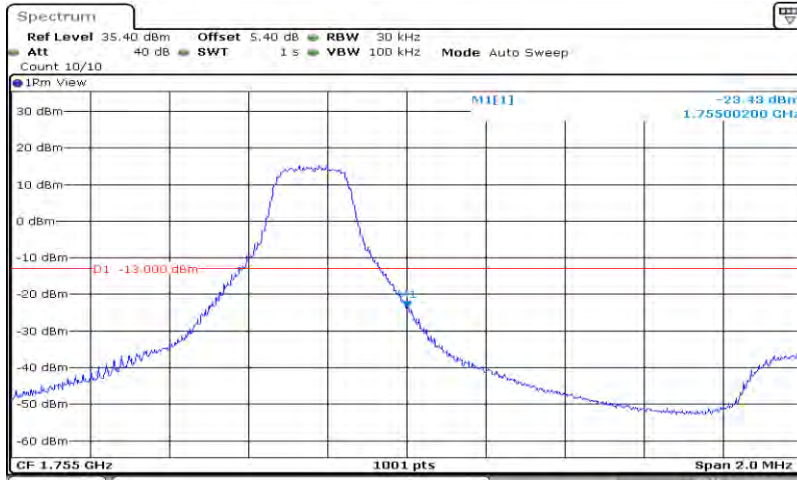


Date: 20.DEC.2019 14:15:28

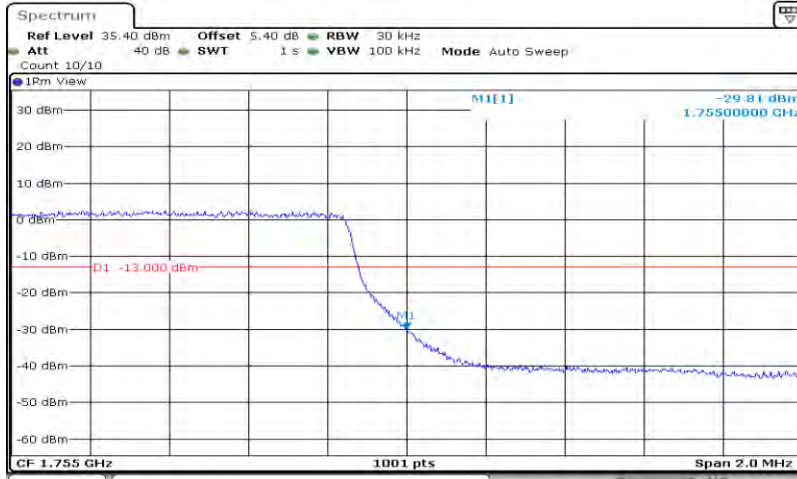
**Band4-3MHz-64QAM-20385-1RB#14**



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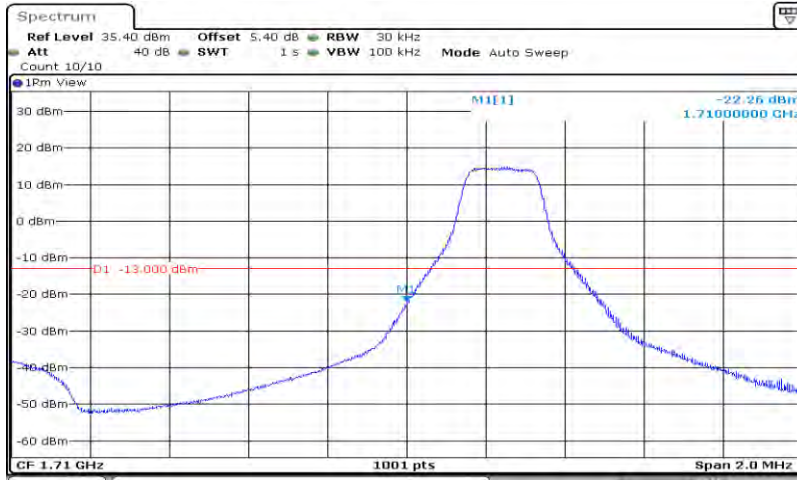
**Band4-3MHz-64QAM-20385-15RB#0**



**Band4-3MHz-16QAM-19965-1RB#0**

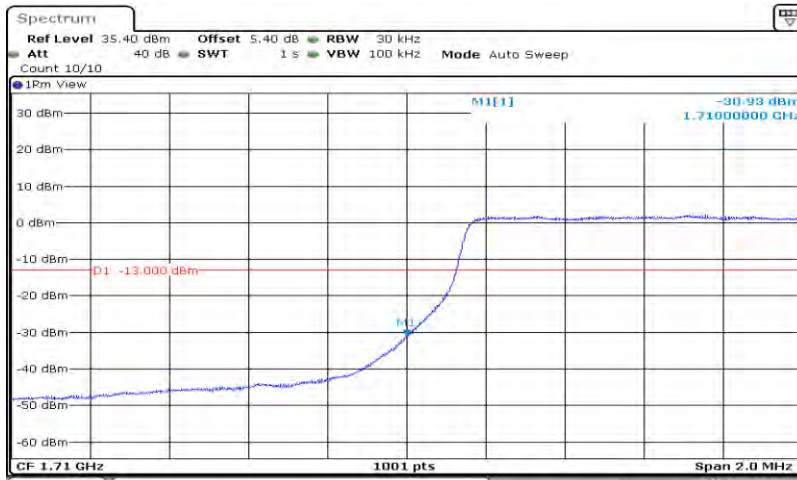


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Date: 20 DEC 2019 14:14:11

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

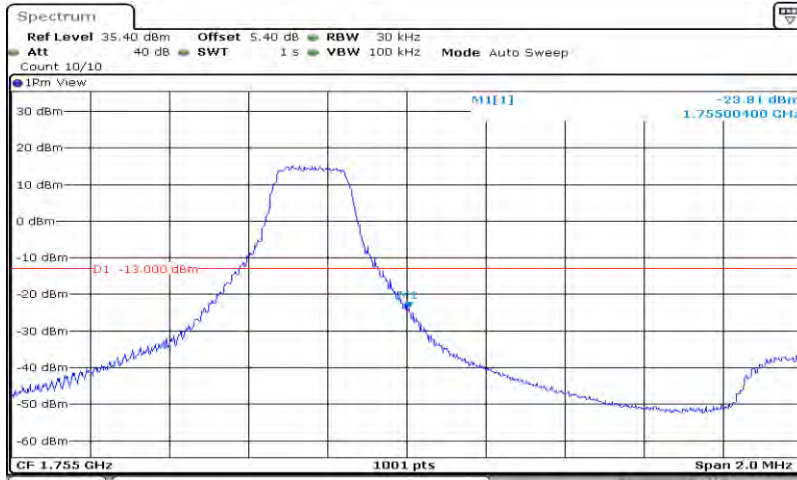


Date: 20 DEC 2019 14:15:09

**Band4-3MHz-16QAM-20385-1RB#14**

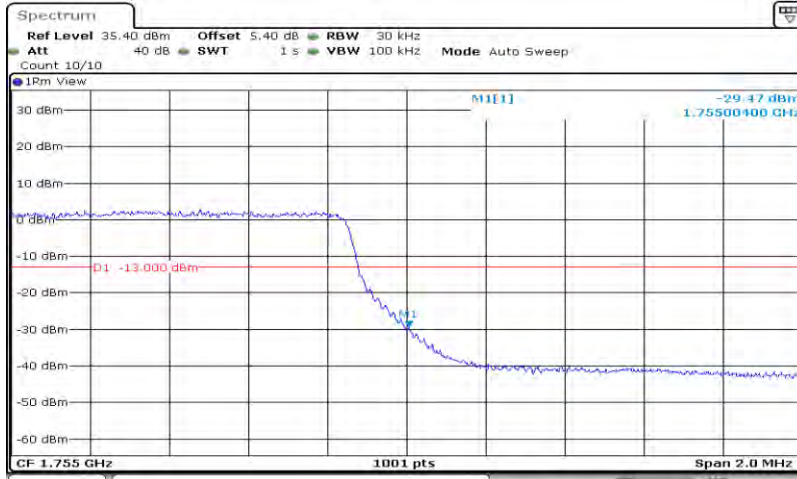


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Date: 20 DEC 2019 14:16:12

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



Date: 20 DEC 2019 14:17:10

**Band4-5MHz-QPSK-19975-1RB#0**



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Date: 20.DEC.2019 14:17:54

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

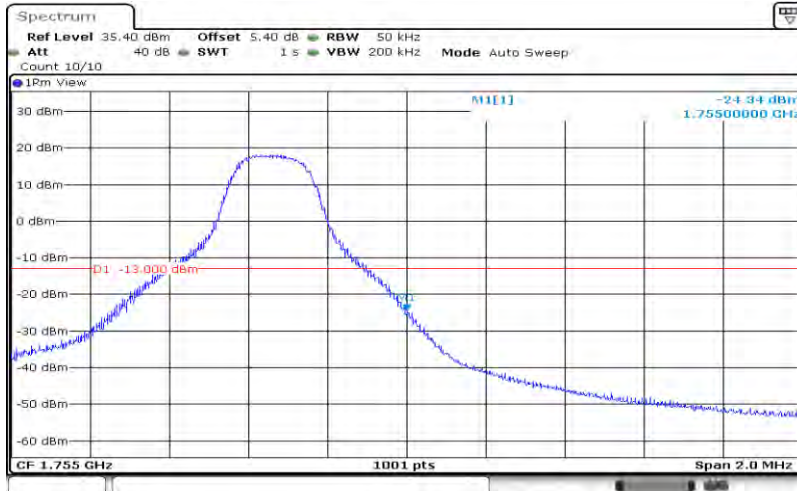


Date: 20.DEC.2019 14:18:52

**Band4-5MHz-QPSK-20375-1RB#24**

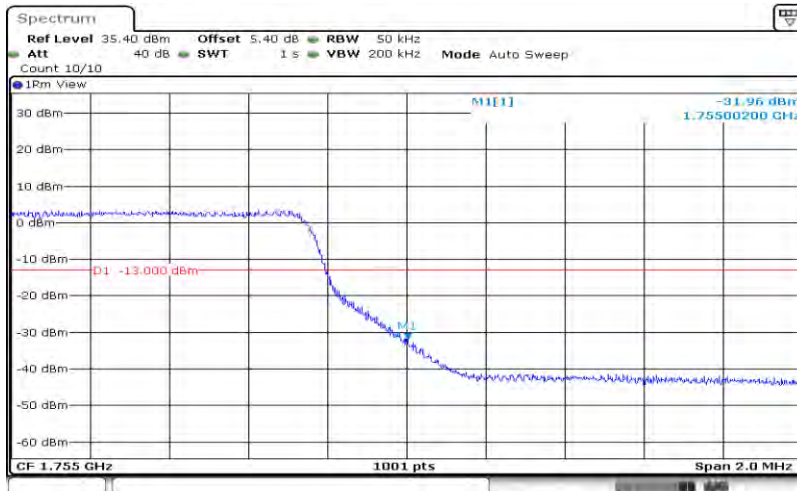


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Date: 20.DEC.2019 14:19:55

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

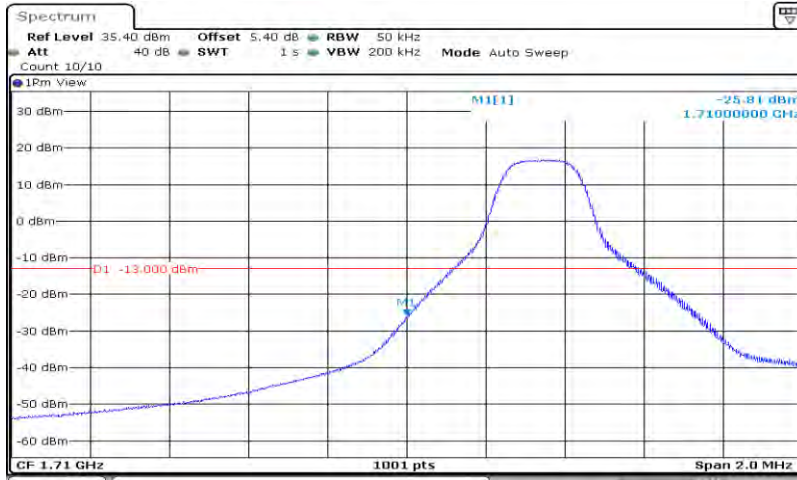


Date: 20.DEC.2019 14:20:53

**Band4-5MHz-64QAM-19975-1RB#0**



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Date: 20.DEC.2019 14:18:32

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

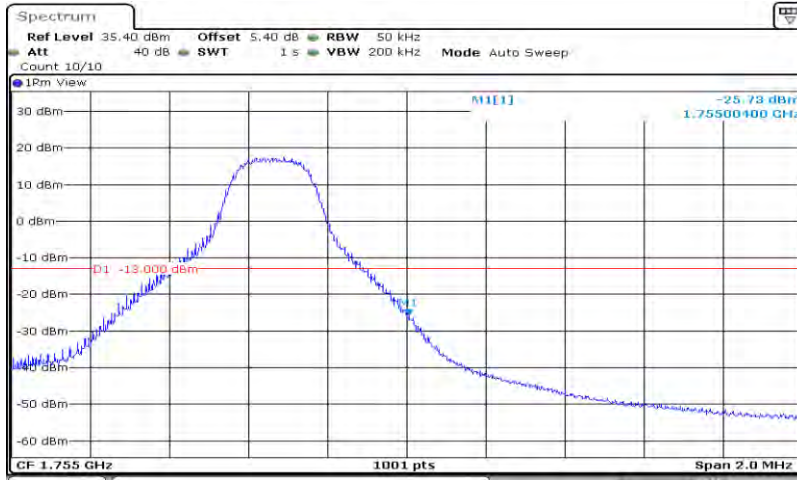


Date: 20.DEC.2019 14:19:31

**Band4-5MHz-64QAM-20375-1RB#24**

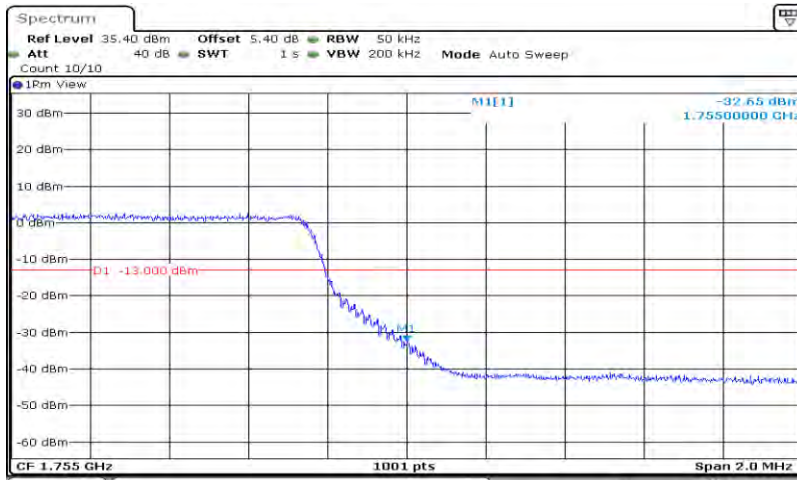


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Date: 20.DEC.2019 14:20:33

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



Date: 20.DEC.2019 14:21:31

**Band4-5MHz-16QAM-19975-1RB#0**



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Date: 20.DEC.2019 14:18:13

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

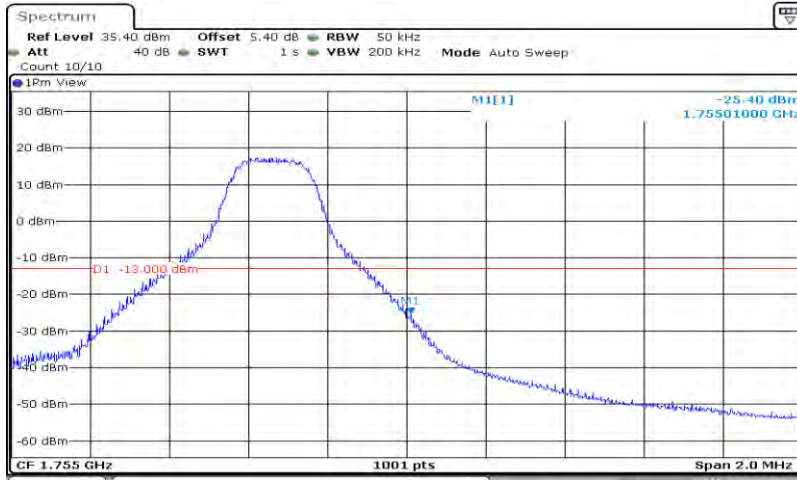


Date: 20.DEC.2019 14:19:11

**Band4-5MHz-16QAM-20375-1RB#24**

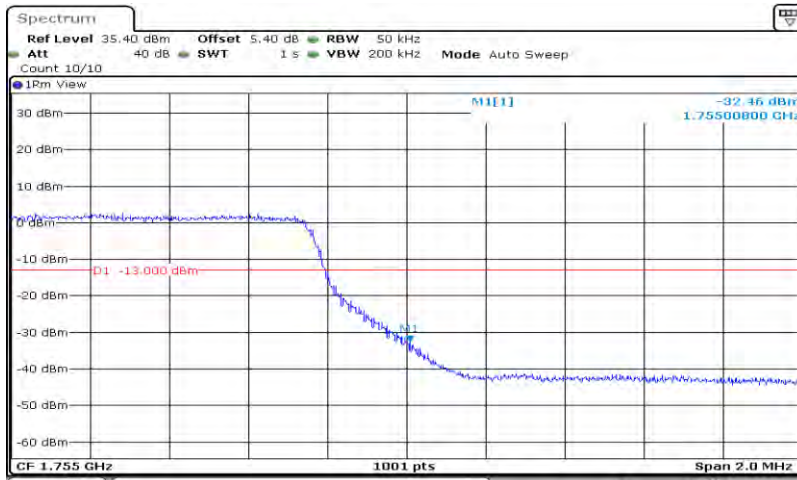


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Date: 20 DEC 2019 14:20:14

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



Date: 20 DEC 2019 14:21:12

**Band4-10MHz-QPSK-20000-1RB#0**



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Date: 21.DEC.2019 00:38:53

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

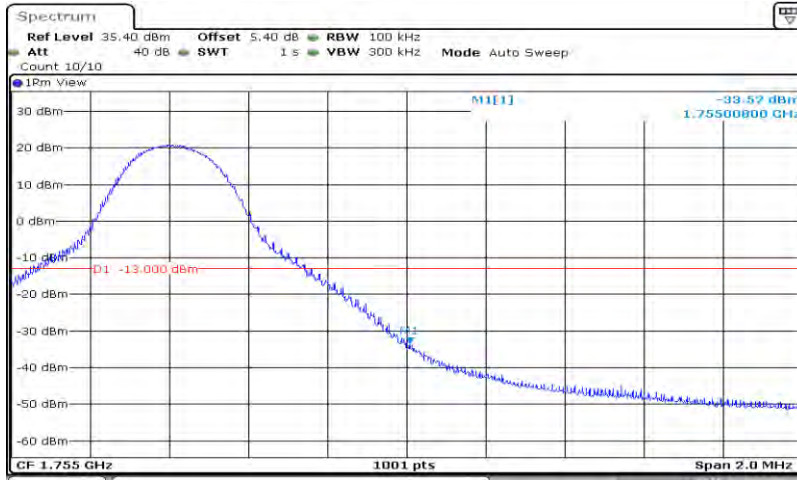


Date: 21.DEC.2019 00:37:52

**Band4-10MHz-QPSK-20350-1RB#49**

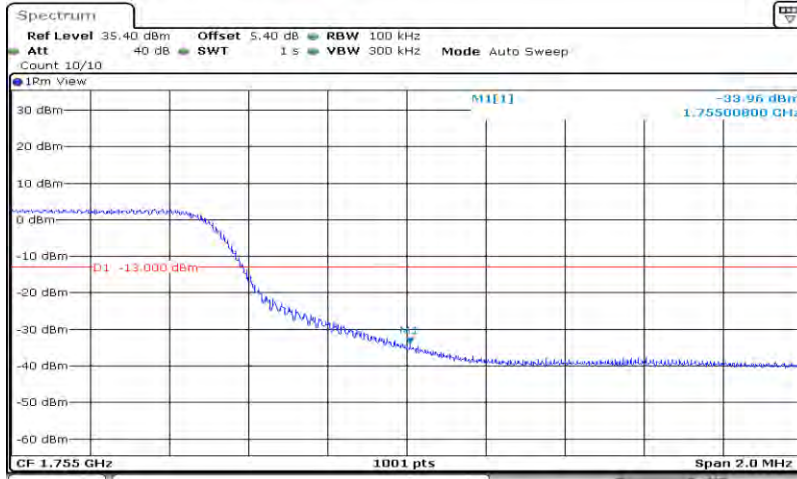


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Date: 21.DEC.2019 00:38:55

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



Date: 21.DEC.2019 00:39:54

**Band4-10MHz-64QAM-20000-1RB#0**



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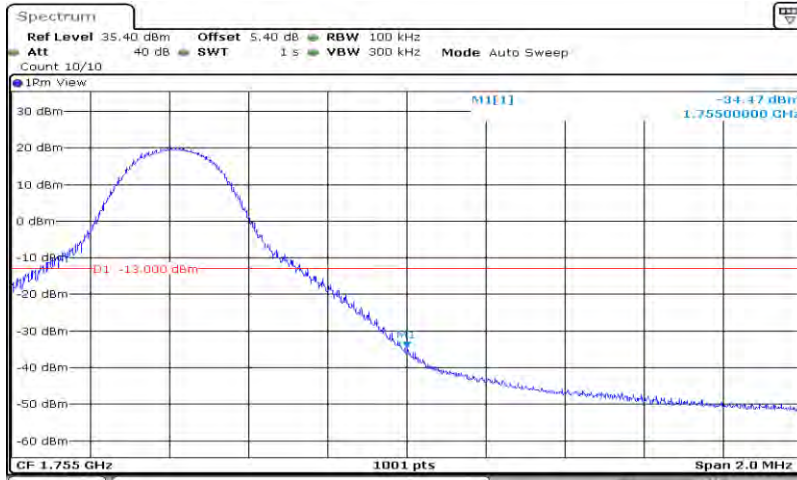
**Band4-10MHz-64QAM-20000-50RB#0**



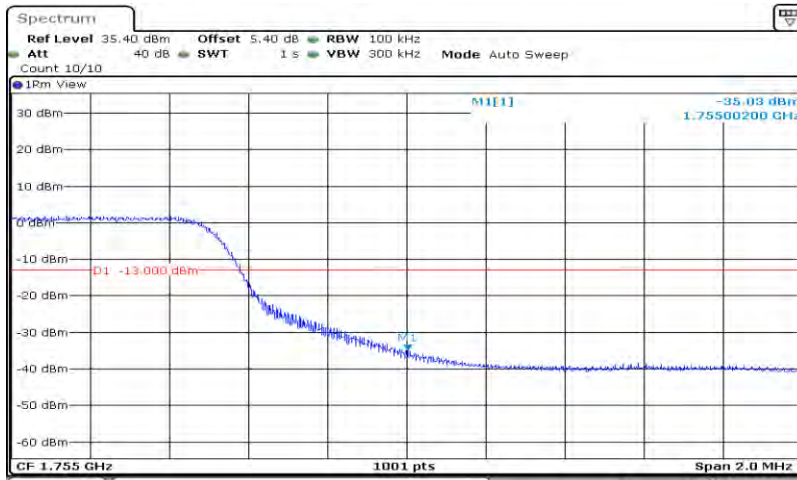
**Band4-10MHz-64QAM-20350-1RB#49**



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



**Band4-10MHz-16QAM-20000-1RB#0**



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Date: 21.DEC.2019 00:37:13

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

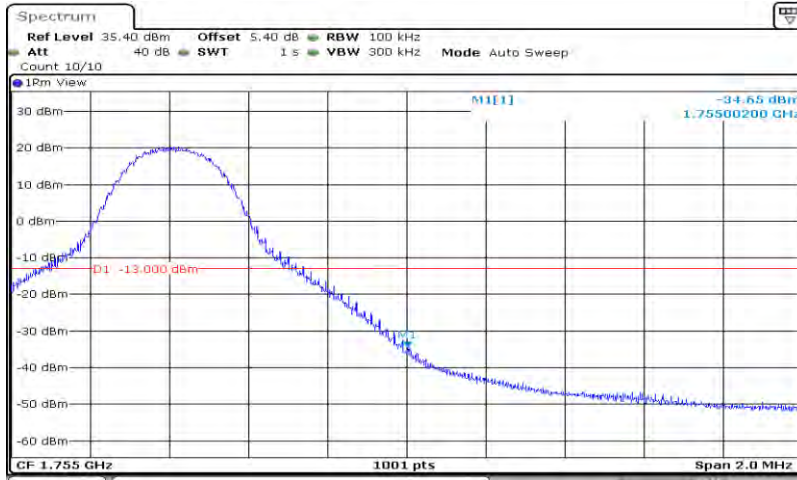


Date: 21.DEC.2019 00:38:11

**Band4-10MHz-16QAM-20350-1RB#49**

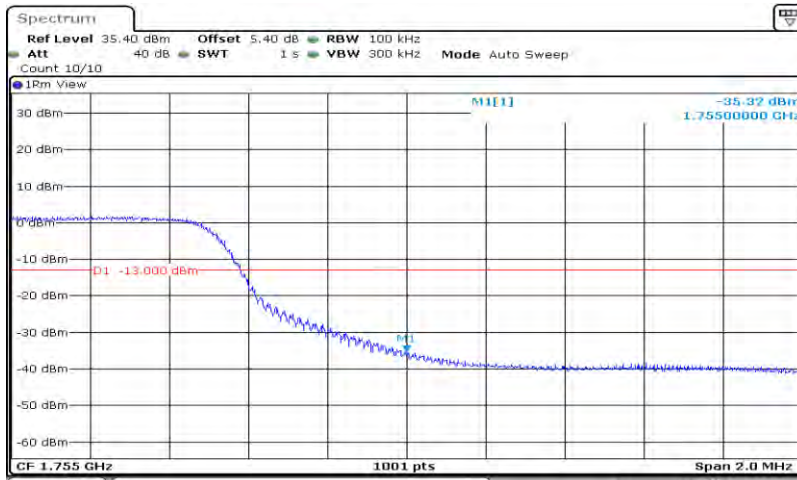


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Date: 21.DEC.2019 00:39:15

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



Date: 21.DEC.2019 00:40:13

**Band4-15MHz-QPSK-20025-1RB#0**



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Date: 21.DEC.2019 00:40:57

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

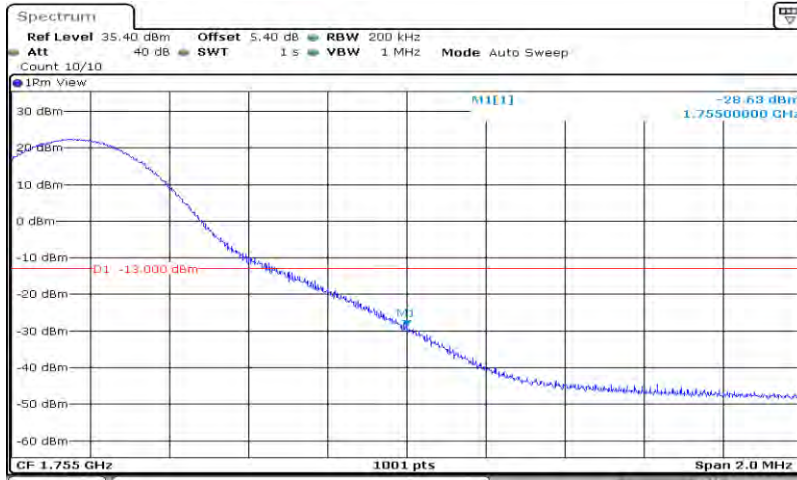


Date: 21.DEC.2019 00:41:55

**Band4-15MHz-QPSK-20325-1RB#74**

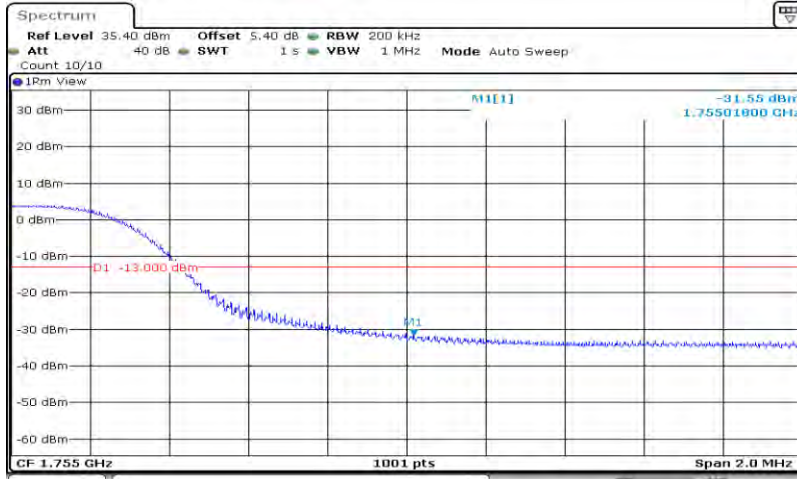


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Date: 21.DEC.2019 00:42:58

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



Date: 21.DEC.2019 00:43:56

**Band4-15MHz-64QAM-20025-1RB#0**



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Date: 21.DEC.2019 00:41:36

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



Date: 21.DEC.2019 00:42:34

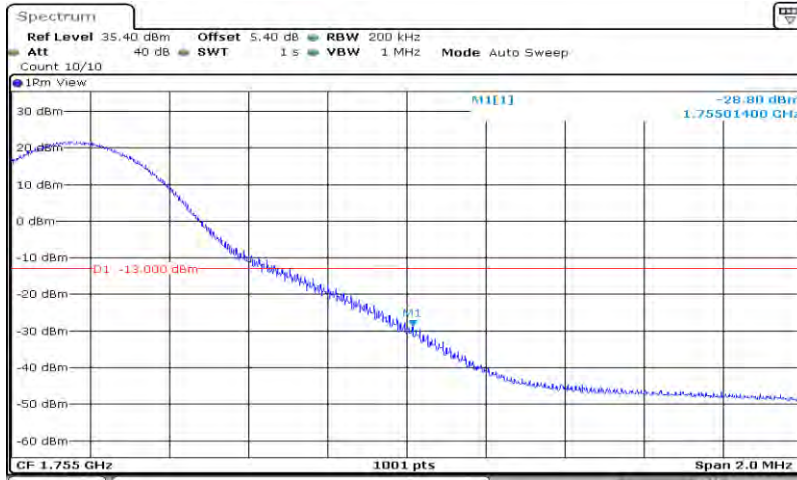
**Band4-15MHz-64QAM-20325-1RB#74**



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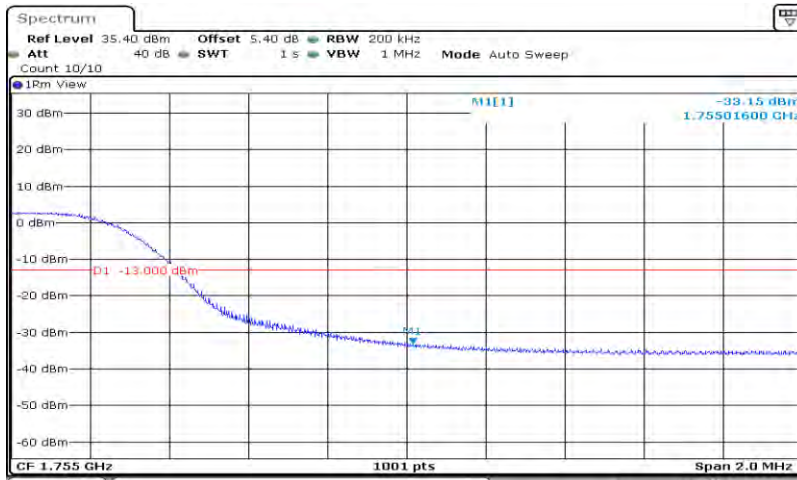
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Date: 21.DEC.2019 00:43:36

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

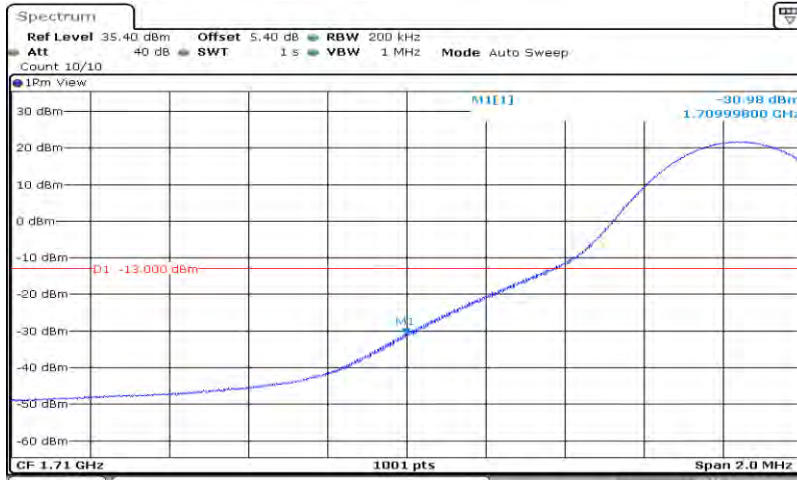


Date: 21.DEC.2019 00:44:34

**Band4-15MHz-16QAM-20025-1RB#0**

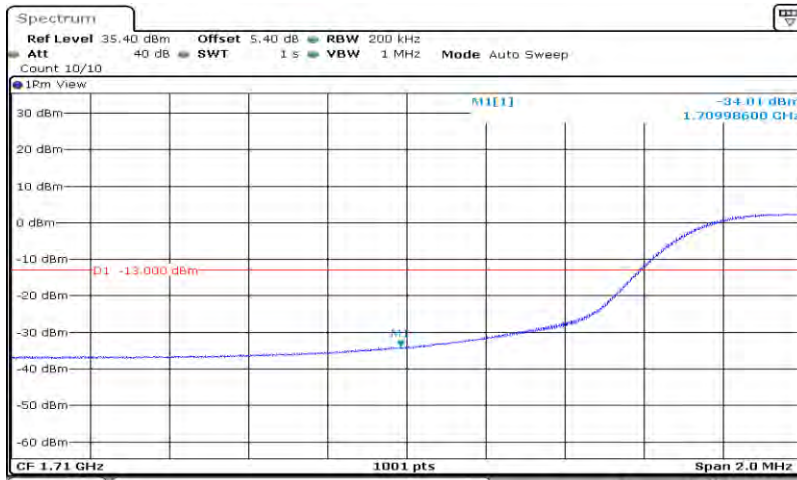


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Date: 21.DEC.2019 00:41:16

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

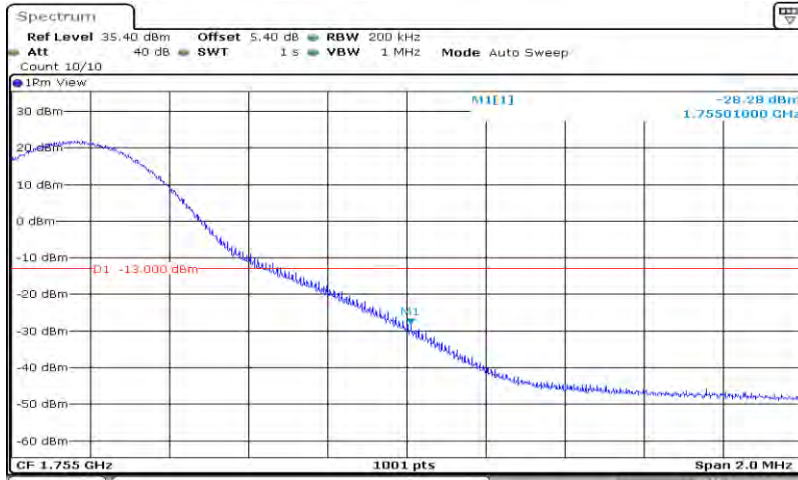


Date: 21.DEC.2019 00:42:14

**Band4-15MHz-16QAM-20325-1RB#74**

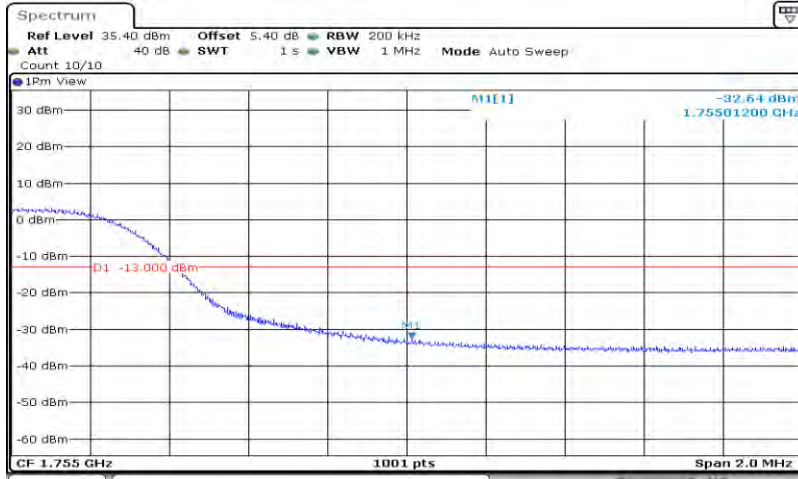


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Date: 21.DEC.2019 00:43:17

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



Date: 21.DEC.2019 00:44:15

**Band4-20MHz-QPSK-20050-1RB#0**

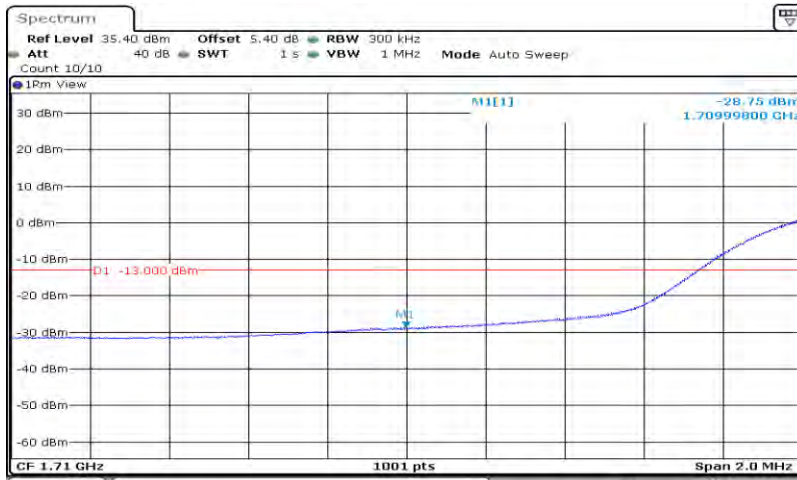


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Date: 21.DEC.2019 00:44:59

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

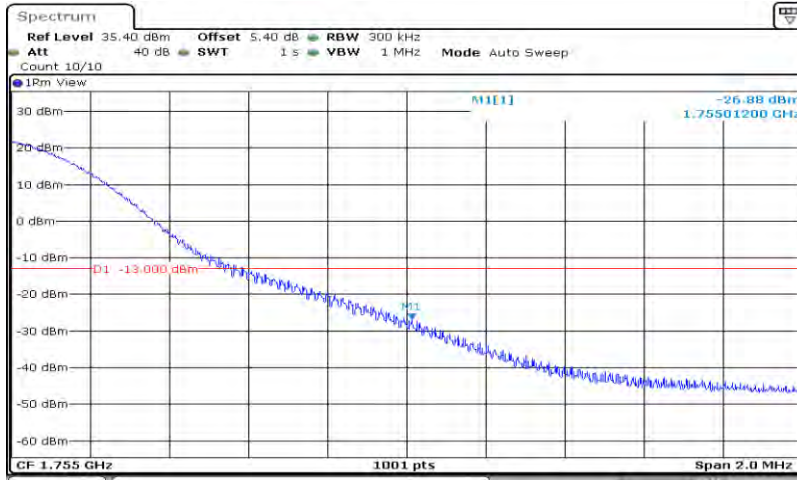


Date: 21.DEC.2019 00:45:57

**Band4-20MHz-QPSK-20300-1RB#99**



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Date: 21.DEC.2019 00:47:00

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



Date: 21.DEC.2019 00:47:58

**Band4-20MHz-64QAM-20050-1RB#0**



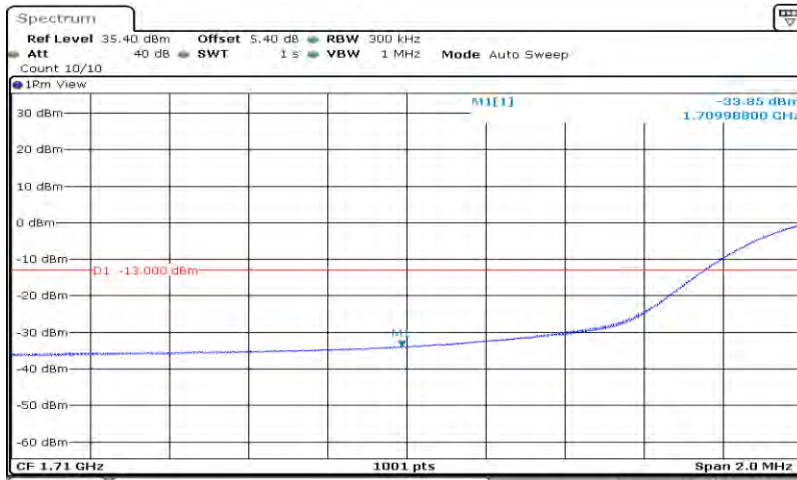
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Date: 21.DEC.2019 00:45:38

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

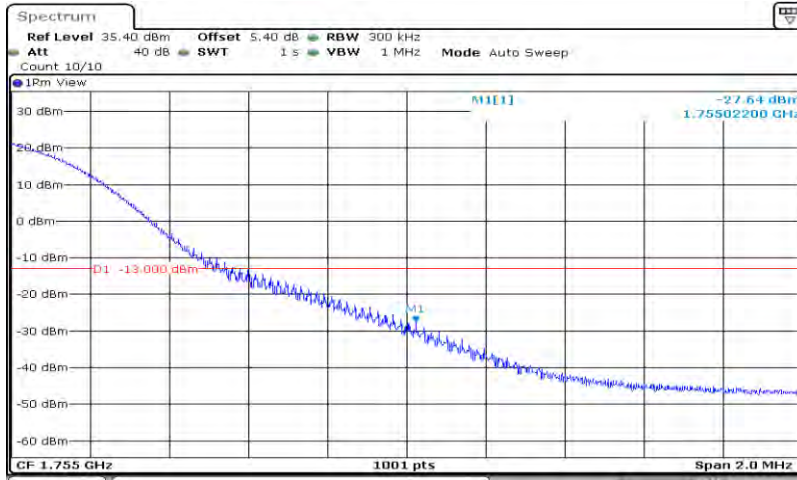


Date: 21.DEC.2019 00:46:36

**Band4-20MHz-64QAM-20300-1RB#99**



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Date: 21.DEC.2019 00:47:39

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



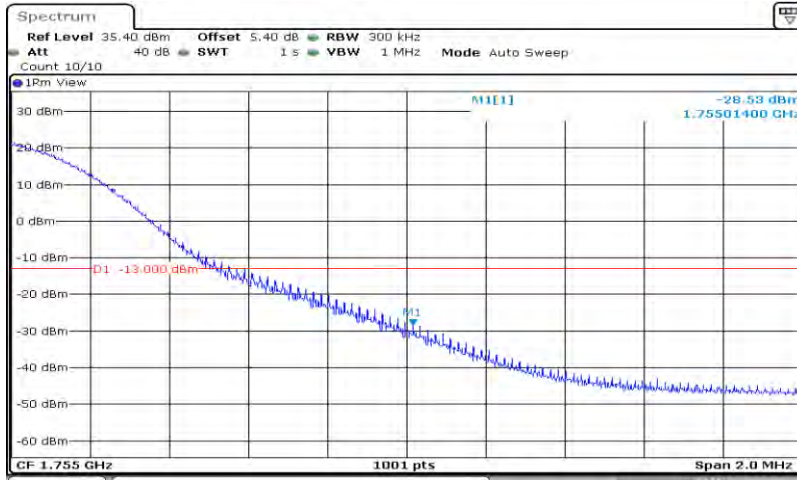
Date: 21.DEC.2019 00:48:37

**Band4-20MHz-16QAM-20050-1RB#0**



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Date: 21.DEC.2019 00:47:19

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



Date: 21.DEC.2019 00:48:17



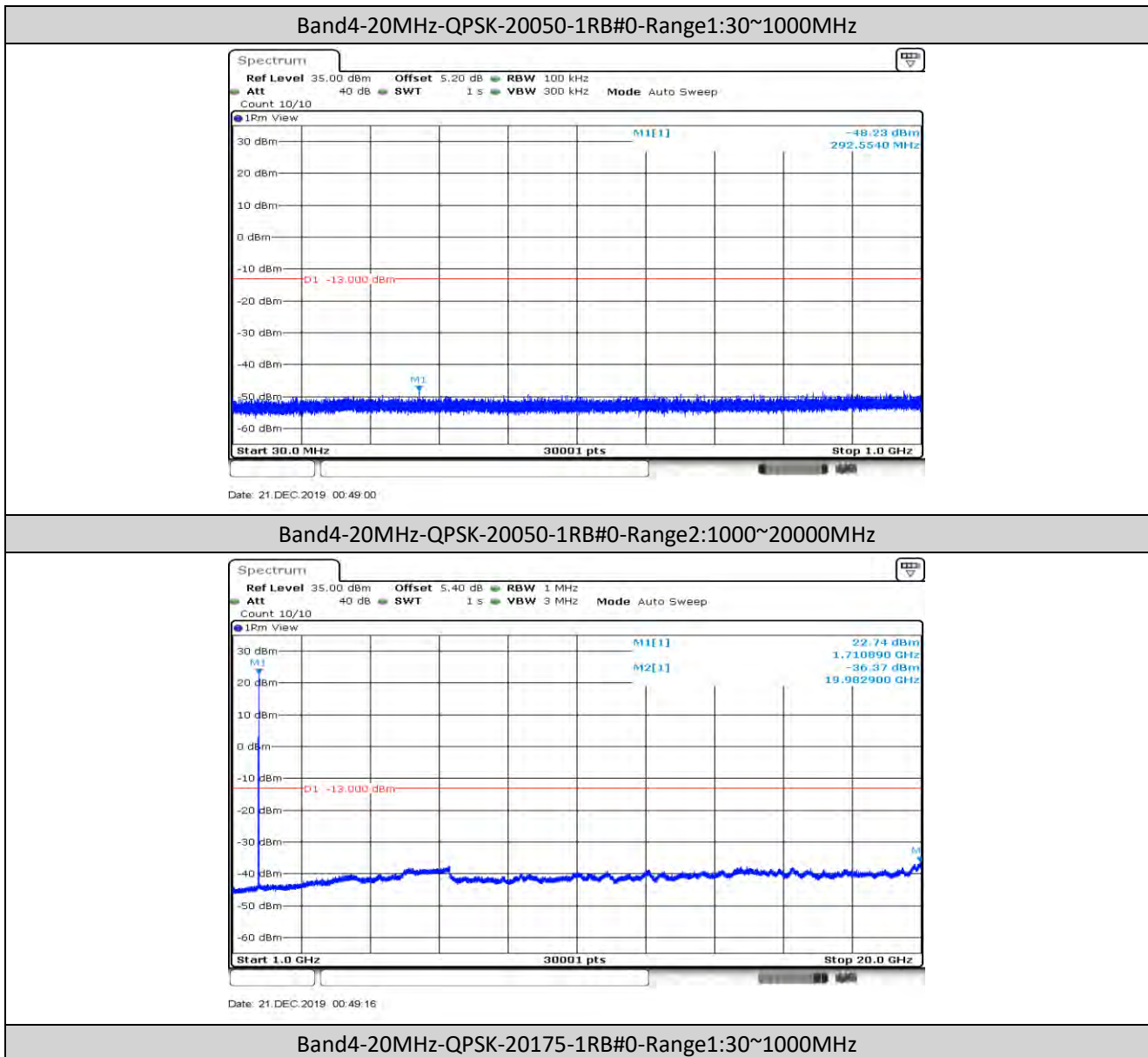
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## 6. Spurious Emission at Antenna Terminal

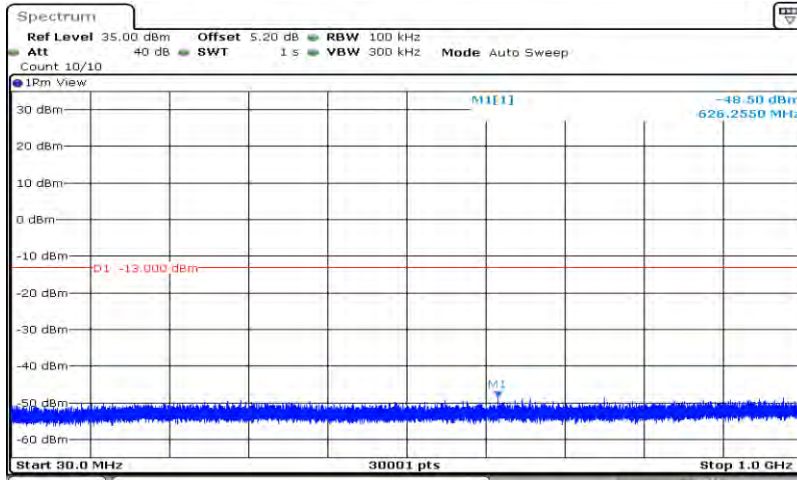
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of  $< RBW/2$  so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points =  $k * (\text{Span} / RBW)$ " with  $k$  between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Remark2: only the worst case data displayed in this report.

### 6.1. Test Plots

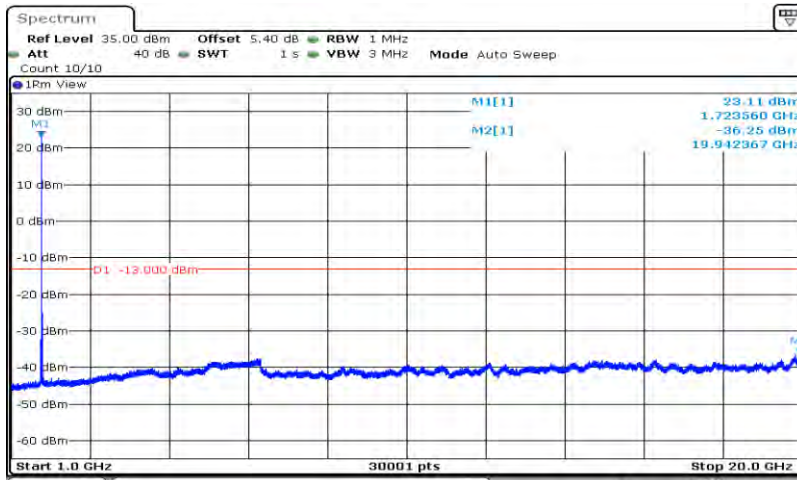


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Date: 21.DEC.2019 00:51:35

**Band4-20MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz**

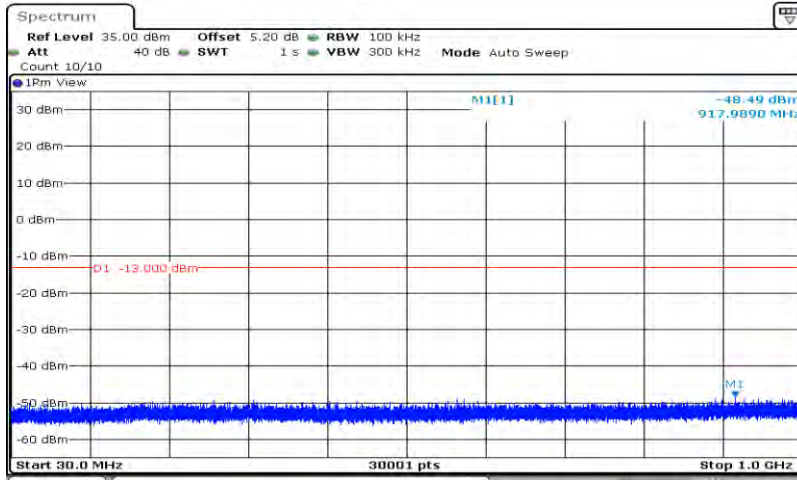


Date: 21.DEC.2019 00:51:51

**Band4-20MHz-QPSK-20300-1RB#0-Range1:30~1000MHz**

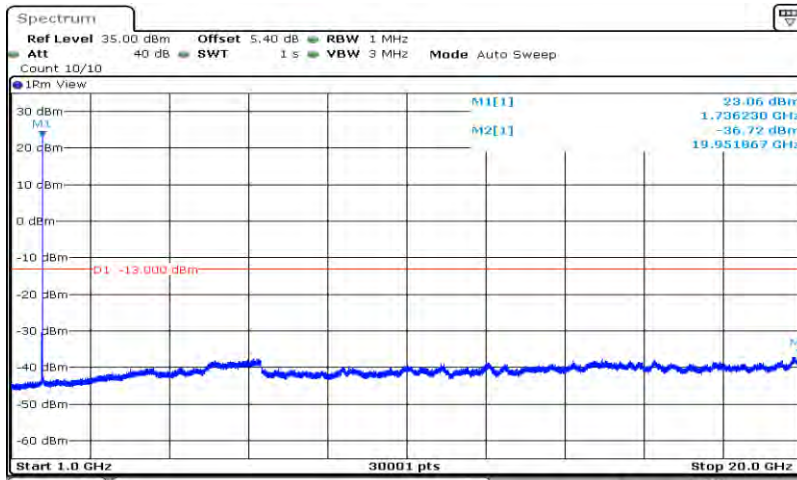


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Date: 21.DEC.2019 00:53:19

**Band4-20MHz-QPSK-20300-1RB#0-Range2:1000~20000MHz**

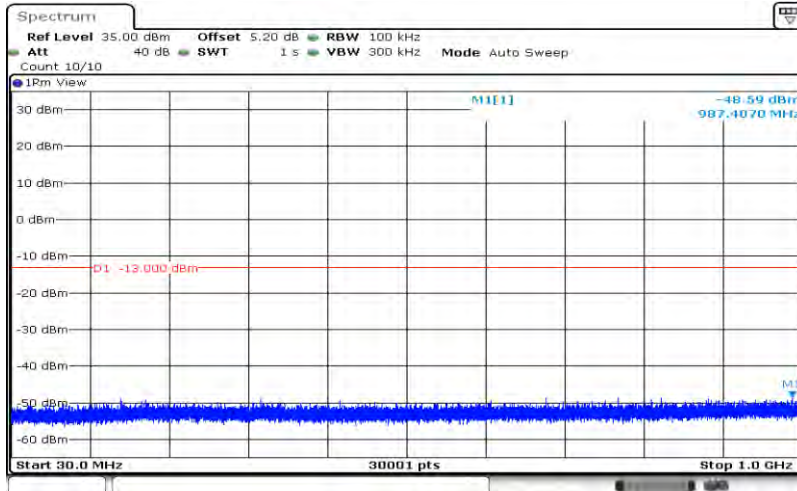


Date: 21.DEC.2019 00:53:35

**Band4-20MHz-64QAM-20050-1RB#0-Range1:30~1000MHz**

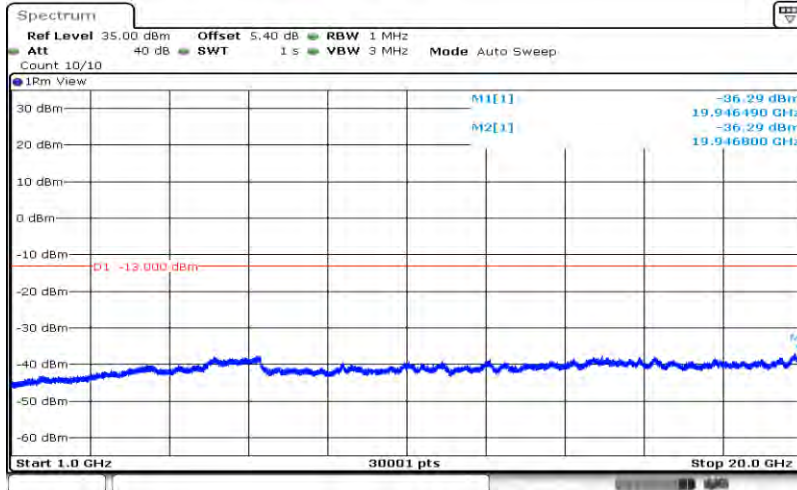


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Date: 21.DEC.2019 00:50:09

**Band4-20MHz-64QAM-20050-1RB#0-Range2:1000~20000MHz**



Date: 21.DEC.2019 00:50:25

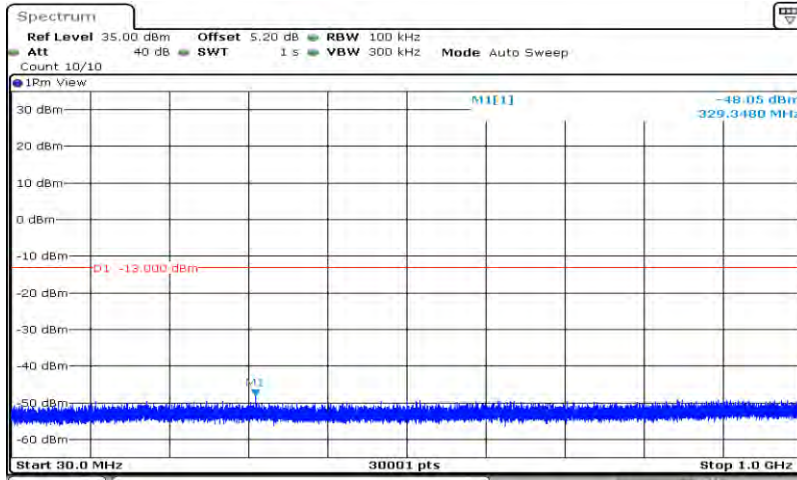
**Band4-20MHz-64QAM-20175-1RB#0-Range1:30~1000MHz**



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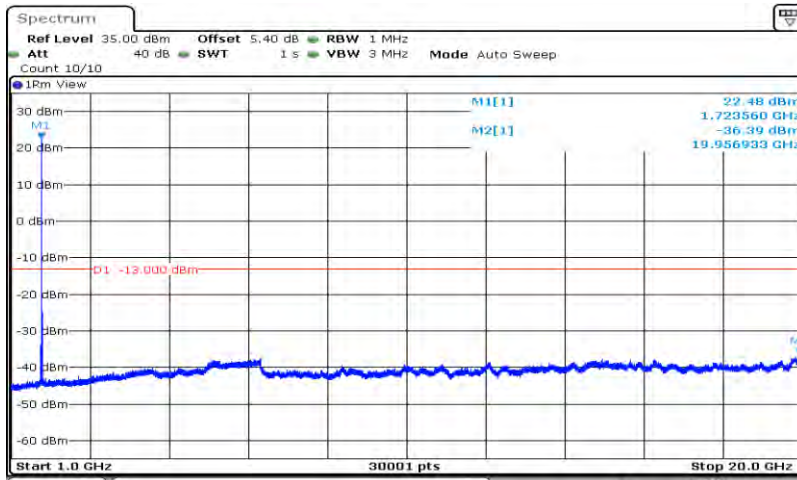
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Date: 21.DEC.2019 00:52:44

**Band4-20MHz-64QAM-20175-1RB#0-Range2:1000~20000MHz**



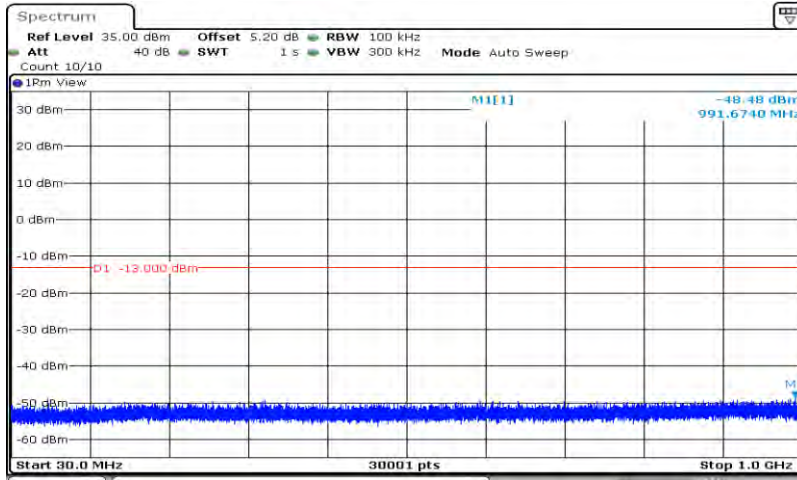
Date: 21.DEC.2019 00:53:00

**Band4-20MHz-64QAM-20300-1RB#0-Range1:30~1000MHz**



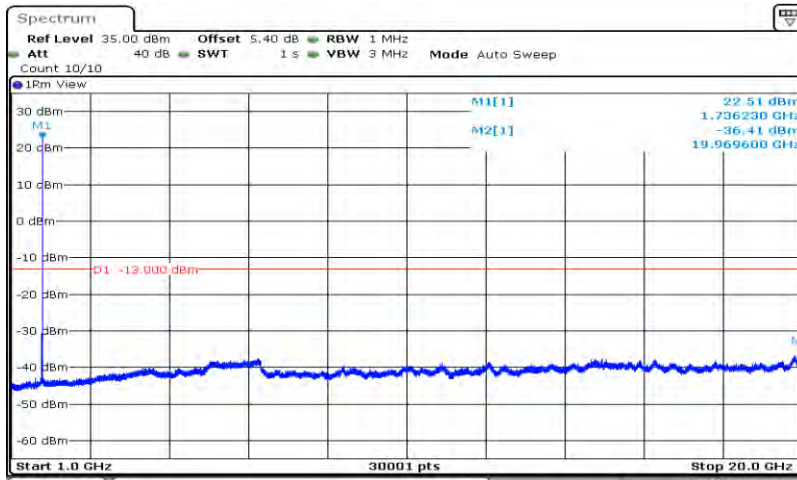
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Date: 21.DEC.2019 00:54:28

**Band4-20MHz-64QAM-20300-1RB#0-Range2:1000~20000MHz**

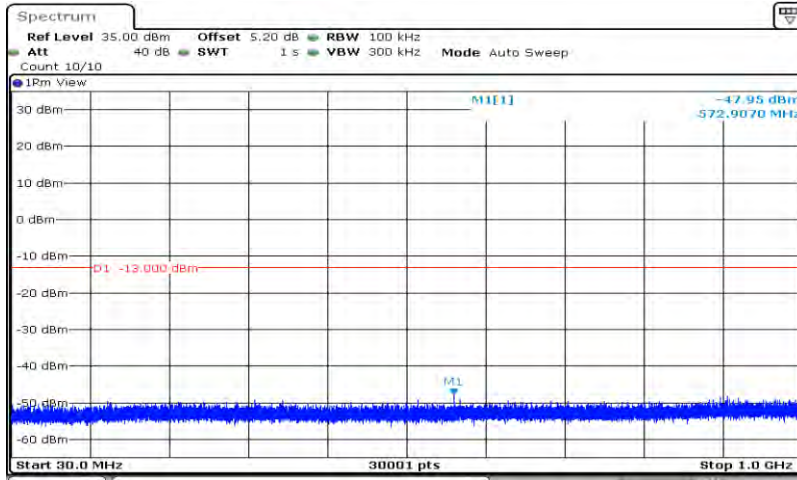


Date: 21.DEC.2019 00:54:44

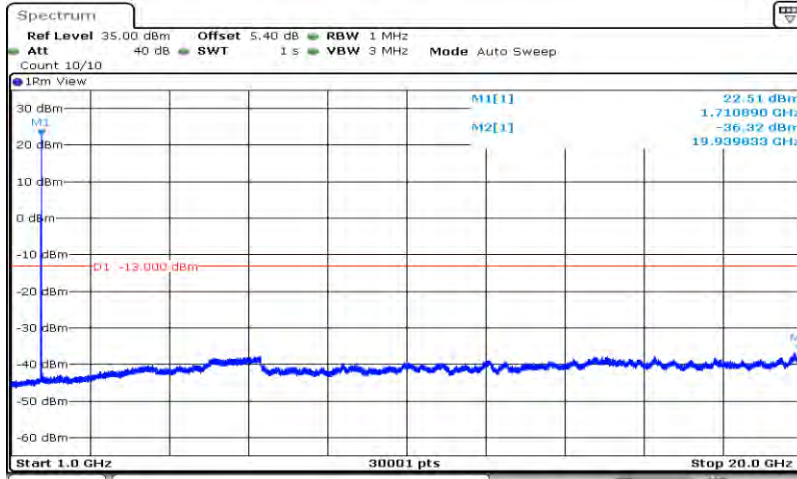
**Band4-20MHz-16QAM-20050-1RB#0-Range1:30~1000MHz**



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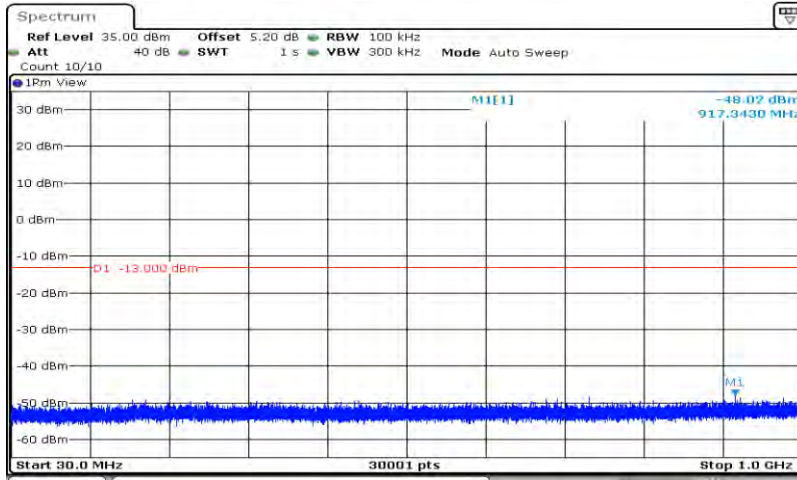
**Band4-20MHz-16QAM-20050-1RB#0-Range2:1000~20000MHz**



**Band4-20MHz-16QAM-20175-1RB#0-Range1:30~1000MHz**

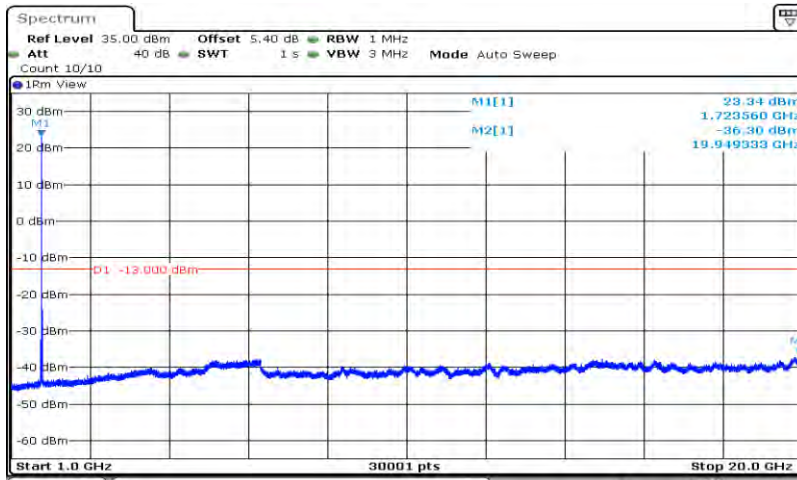


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Date: 21.DEC.2019 00:52:09

**Band4-20MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz**



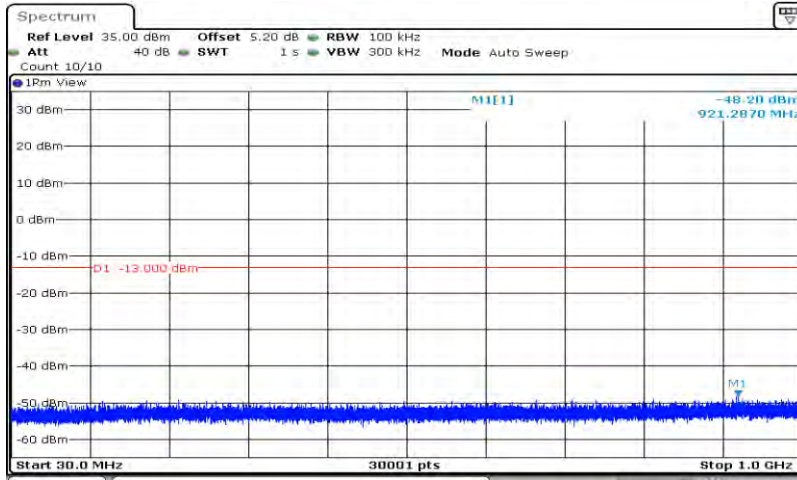
Date: 21.DEC.2019 00:52:25

**Band4-20MHz-16QAM-20300-1RB#0-Range1:30~1000MHz**



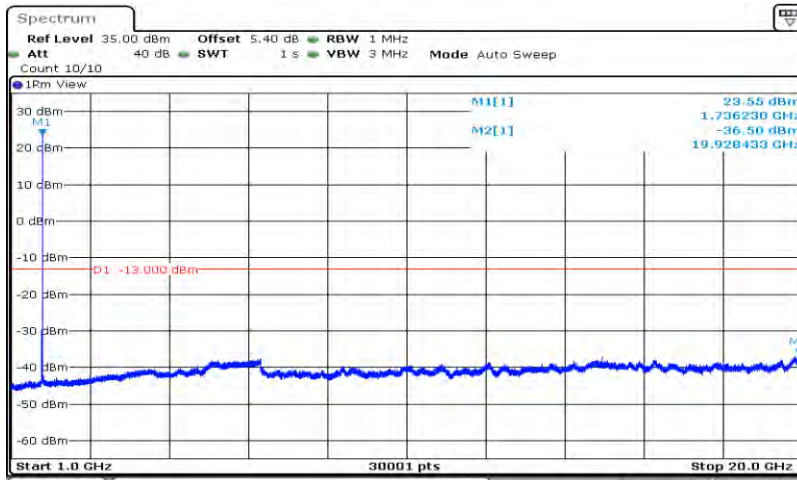
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Date: 21.DEC.2019 00:53:53

**Band4-20MHz-16QAM-20300-1RB#0-Range2:1000~20000MHz**



Date: 21.DEC.2019 00:54:09



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## 7. Field Strength of Spurious Radiation

### 7.1. Test Mode =LTE/TM1 (Ant2)

#### 7.1.1. Test Channel = LCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 109.3985        | -64.63      | -13.00           | 51.63       | Vertical     |
| 811.7136        | -61.65      | -13.00           | 48.65       | Vertical     |
| 2723.5447       | -37.03      | -13.00           | 24.03       | Vertical     |
| 7376.1459       | -57.55      | -13.00           | 44.55       | Vertical     |
| 14463.3821      | -50.17      | -13.00           | 37.17       | Vertical     |
| 17999.0000      | -44.60      | -13.00           | 31.60       | Vertical     |
| 42.0286         | -64.49      | -13.00           | 51.49       | Horizontal   |
| 238.2209        | -68.34      | -13.00           | 55.34       | Horizontal   |
| 745.1683        | -62.04      | -13.00           | 49.04       | Horizontal   |
| 2700.7401       | -35.49      | -13.00           | 22.49       | Horizontal   |
| 7378.1459       | -58.67      | -13.00           | 45.67       | Horizontal   |
| 16397.9466      | -50.05      | -13.00           | 37.05       | Horizontal   |

#### 7.1.2. Test Channel = MCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 109.6895        | -64.70      | -13.00           | 51.70       | Vertical     |
| 614.1147        | -63.99      | -13.00           | 50.99       | Vertical     |
| 2695.5391       | -36.49      | -13.00           | 23.49       | Vertical     |
| 7380.6460       | -57.37      | -13.00           | 44.37       | Vertical     |
| 14472.8824      | -49.54      | -13.00           | 36.54       | Vertical     |
| 17995.4999      | -43.65      | -13.00           | 30.65       | Vertical     |
| 42.3681         | -64.58      | -13.00           | 51.58       | Horizontal   |
| 235.7958        | -68.70      | -13.00           | 55.70       | Horizontal   |
| 746.0413        | -61.40      | -13.00           | 48.40       | Horizontal   |
| 2703.9408       | -35.38      | -13.00           | 22.38       | Horizontal   |
| 9308.7103       | -54.27      | -13.00           | 41.27       | Horizontal   |
| 16388.9463      | -45.94      | -13.00           | 32.94       | Horizontal   |



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### 7.1.3. Test Channel = HCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 111.0961        | -65.44      | -13.00           | 52.44       | Vertical     |
| 608.0034        | -64.01      | -13.00           | 51.01       | Vertical     |
| 2703.5407       | -36.62      | -13.00           | 23.62       | Vertical     |
| 7436.1479       | -57.77      | -13.00           | 44.77       | Vertical     |
| 14483.3828      | -50.83      | -13.00           | 37.83       | Vertical     |
| 17995.9999      | -46.07      | -13.00           | 33.07       | Vertical     |
| 46.0543         | -64.33      | -13.00           | 51.33       | Horizontal   |
| 246.0298        | -68.38      | -13.00           | 55.38       | Horizontal   |
| 847.7509        | -61.61      | -13.00           | 48.61       | Horizontal   |
| 2697.5395       | -35.36      | -13.00           | 22.36       | Horizontal   |
| 7386.6462       | -58.14      | -13.00           | 45.14       | Horizontal   |
| 16398.9466      | -47.39      | -13.00           | 34.39       | Horizontal   |

## 7.2. Test Mode =LTE/TM1 ( Ant3 )

### 7.2.1. Test Channel = LCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 109.2045        | -65.19      | -13.00           | 52.19       | Vertical     |
| 712.2351        | -63.27      | -13.00           | 50.27       | Vertical     |
| 2697.5395       | -36.47      | -13.00           | 23.47       | Vertical     |
| 8019.1673       | -55.97      | -13.00           | 42.97       | Vertical     |
| 14476.3825      | -47.95      | -13.00           | 34.95       | Vertical     |
| 17994.4998      | -40.47      | -13.00           | 27.47       | Vertical     |
| 43.5322         | -64.07      | -13.00           | 51.07       | Horizontal   |
| 227.1139        | -68.46      | -13.00           | 55.46       | Horizontal   |
| 871.6141        | -60.79      | -13.00           | 47.79       | Horizontal   |
| 2699.9400       | -35.35      | -13.00           | 22.35       | Horizontal   |
| 7461.1487       | -57.06      | -13.00           | 44.06       | Horizontal   |
| 16389.9463      | -44.08      | -13.00           | 31.08       | Horizontal   |



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### 7.2.2. Test Channel = MCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 112.3086        | -64.78      | -13.00           | 51.78       | Vertical     |
| 612.4171        | -63.94      | -13.00           | 50.94       | Vertical     |
| 2695.1390       | -36.46      | -13.00           | 23.46       | Vertical     |
| 7452.6484       | -56.16      | -13.00           | 43.16       | Vertical     |
| 14497.3832      | -47.67      | -13.00           | 34.67       | Vertical     |
| 17999.5000      | -40.60      | -13.00           | 27.60       | Vertical     |
| 41.8346         | -64.06      | -13.00           | 51.06       | Horizontal   |
| 234.0982        | -68.70      | -13.00           | 55.70       | Horizontal   |
| 789.4510        | -62.03      | -13.00           | 49.03       | Horizontal   |
| 2697.1394       | -35.10      | -13.00           | 22.10       | Horizontal   |
| 8000.6667       | -56.49      | -13.00           | 43.49       | Horizontal   |
| 16391.9464      | -44.11      | -13.00           | 31.11       | Horizontal   |

### 7.2.3. Test Channel = HCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 108.4769        | -65.32      | -13.00           | 52.32       | Vertical     |
| 748.1754        | -61.93      | -13.00           | 48.93       | Vertical     |
| 2703.1406       | -36.27      | -13.00           | 23.27       | Vertical     |
| 7354.1451       | -56.50      | -13.00           | 43.50       | Vertical     |
| 14696.8899      | -47.89      | -13.00           | 34.89       | Vertical     |
| 17994.9998      | -40.62      | -13.00           | 27.62       | Vertical     |
| 44.6962         | -64.14      | -13.00           | 51.14       | Horizontal   |
| 252.3351        | -68.03      | -13.00           | 55.03       | Horizontal   |
| 898.5329        | -60.55      | -13.00           | 47.55       | Horizontal   |
| 2699.1398       | -35.22      | -13.00           | 22.22       | Horizontal   |
| 7473.6491       | -56.62      | -13.00           | 43.62       | Horizontal   |
| 17999.0000      | -44.93      | -13.00           | 31.93       | Horizontal   |

Remark:

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.
- 3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.



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## 8. Frequency Stability

### 8.1. Frequency Vs Voltage

| Band  | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|-------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band4 | 20MHz     | QPSK       | 20050   | 100RB#0      | VL            | NT               | 4.60           | 0.002674        | ±2.5        | PASS    |
| Band4 | 20MHz     | QPSK       | 20050   | 100RB#0      | VN            | NT               | -8.50          | -0.004942       | ±2.5        | PASS    |
| Band4 | 20MHz     | QPSK       | 20050   | 100RB#0      | VH            | NT               | 5.10           | 0.002965        | ±2.5        | PASS    |
| Band4 | 20MHz     | QPSK       | 20175   | 100RB#0      | VL            | NT               | -10.70         | -0.006176       | ±2.5        | PASS    |
| Band4 | 20MHz     | QPSK       | 20175   | 100RB#0      | VN            | NT               | -2.90          | -0.001674       | ±2.5        | PASS    |
| Band4 | 20MHz     | QPSK       | 20175   | 100RB#0      | VH            | NT               | 2.20           | 0.001270        | ±2.5        | PASS    |
| Band4 | 20MHz     | QPSK       | 20300   | 100RB#0      | VL            | NT               | -8.00          | -0.004585       | ±2.5        | PASS    |
| Band4 | 20MHz     | QPSK       | 20300   | 100RB#0      | VN            | NT               | -5.50          | -0.003152       | ±2.5        | PASS    |
| Band4 | 20MHz     | QPSK       | 20300   | 100RB#0      | VH            | NT               | 5.80           | 0.003324        | ±2.5        | PASS    |
| Band4 | 20MHz     | 64QAM      | 20050   | 100RB#0      | VL            | NT               | -2.90          | -0.001674       | ±2.5        | PASS    |
| Band4 | 20MHz     | 64QAM      | 20050   | 100RB#0      | VN            | NT               | 2.20           | 0.001270        | ±2.5        | PASS    |
| Band4 | 20MHz     | 64QAM      | 20050   | 100RB#0      | VH            | NT               | -8.00          | -0.004585       | ±2.5        | PASS    |
| Band4 | 20MHz     | 64QAM      | 20175   | 100RB#0      | VL            | NT               | -11.20         | -0.006465       | ±2.5        | PASS    |
| Band4 | 20MHz     | 64QAM      | 20175   | 100RB#0      | VN            | NT               | -6.90          | -0.003983       | ±2.5        | PASS    |
| Band4 | 20MHz     | 64QAM      | 20175   | 100RB#0      | VH            | NT               | 4.00           | 0.002309        | ±2.5        | PASS    |
| Band4 | 20MHz     | 64QAM      | 20300   | 100RB#0      | VL            | NT               | 1.80           | 0.001032        | ±2.5        | PASS    |
| Band4 | 20MHz     | 64QAM      | 20300   | 100RB#0      | VN            | NT               | -4.80          | -0.002751       | ±2.5        | PASS    |
| Band4 | 20MHz     | 64QAM      | 20300   | 100RB#0      | VH            | NT               | -2.30          | -0.001318       | ±2.5        | PASS    |
| Band4 | 20MHz     | 16QAM      | 20050   | 100RB#0      | VL            | NT               | 6.40           | 0.003721        | ±2.5        | PASS    |
| Band4 | 20MHz     | 16QAM      | 20050   | 100RB#0      | VN            | NT               | 4.80           | 0.002791        | ±2.5        | PASS    |
| Band4 | 20MHz     | 16QAM      | 20050   | 100RB#0      | VH            | NT               | -9.00          | -0.005233       | ±2.5        | PASS    |
| Band4 | 20MHz     | 16QAM      | 20175   | 100RB#0      | VL            | NT               | -8.10          | -0.004675       | ±2.5        | PASS    |
| Band4 | 20MHz     | 16QAM      | 20175   | 100RB#0      | VN            | NT               | 5.10           | 0.002944        | ±2.5        | PASS    |
| Band4 | 20MHz     | 16QAM      | 20175   | 100RB#0      | VH            | NT               | -2.40          | -0.001385       | ±2.5        | PASS    |
| Band4 | 20MHz     | 16QAM      | 20300   | 100RB#0      | VL            | NT               | -1.60          | -0.000917       | ±2.5        | PASS    |
| Band4 | 20MHz     | 16QAM      | 20300   | 100RB#0      | VN            | NT               | -5.30          | -0.003037       | ±2.5        | PASS    |
| Band4 | 20MHz     | 16QAM      | 20300   | 100RB#0      | VH            | NT               | -0.20          | -0.000115       | ±2.5        | PASS    |

### 8.2. Frequency Vs Temperature

| Band  | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|-------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band4 | 20MHz     | QPSK       | 20050   | 100RB#0      | NV            | -30              | -10.40         | -0.006047       | ±2.5        | PASS    |
| Band4 | 20MHz     | QPSK       | 20050   | 100RB#0      | NV            | -20              | 0.50           | 0.000291        | ±2.5        | PASS    |
| Band4 | 20MHz     | QPSK       | 20050   | 100RB#0      | NV            | 0                | -7.10          | -0.004128       | ±2.5        | PASS    |
| Band4 | 20MHz     | QPSK       | 20050   | 100RB#0      | NV            | 10               | 5.70           | 0.003314        | ±2.5        | PASS    |
| Band4 | 20MHz     | QPSK       | 20050   | 100RB#0      | NV            | 20               | -1.20          | -0.000698       | ±2.5        | PASS    |
| Band4 | 20MHz     | QPSK       | 20050   | 100RB#0      | NV            | 30               | -7.50          | -0.004360       | ±2.5        | PASS    |
| Band4 | 20MHz     | QPSK       | 20050   | 100RB#0      | NV            | 40               | 4.30           | 0.002500        | ±2.5        | PASS    |
| Band4 | 20MHz     | QPSK       | 20050   | 100RB#0      | NV            | 50               | -6.60          | -0.003837       | ±2.5        | PASS    |



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|       |       |       |       |         |    |     |        |           |      |      |
|-------|-------|-------|-------|---------|----|-----|--------|-----------|------|------|
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | NV | -30 | -3.20  | -0.001847 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | NV | -20 | -9.10  | -0.005253 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | NV | 0   | 2.90   | 0.001674  | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | NV | 10  | -5.90  | -0.003405 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | NV | 20  | -11.10 | -0.006407 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | NV | 30  | -0.30  | -0.000173 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | NV | 40  | -4.30  | -0.002482 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | NV | 50  | -8.50  | -0.004906 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | NV | -30 | 1.40   | 0.000802  | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | NV | -20 | -1.90  | -0.001089 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | NV | 0   | -4.70  | -0.002693 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | NV | 10  | -9.70  | -0.005559 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | NV | 20  | -10.30 | -0.005903 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | NV | 30  | 5.70   | 0.003266  | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | NV | 40  | 2.50   | 0.001433  | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | NV | 50  | -1.00  | -0.000573 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | -30 | -8.50  | -0.004906 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | -20 | 2.50   | 0.001433  | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | 0   | -1.00  | -0.000573 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | 10  | 1.40   | 0.000802  | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | 20  | -1.90  | -0.001089 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | 30  | 2.70   | 0.001558  | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | 40  | 0.70   | 0.000404  | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | 50  | 1.40   | 0.000802  | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | NV | -30 | -10.70 | -0.006176 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | NV | -20 | 2.70   | 0.001558  | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | NV | 0   | -10.40 | -0.006003 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | NV | 10  | 0.70   | 0.000404  | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | NV | 20  | -8.00  | -0.004618 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | NV | 30  | -4.50  | -0.002597 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | NV | 40  | -0.50  | -0.000289 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | NV | 50  | 5.50   | 0.003175  | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | NV | -30 | 0.00   | 0.000000  | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | NV | -20 | 1.40   | 0.000802  | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | NV | 0   | 3.80   | 0.002178  | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | NV | 10  | -10.80 | -0.006189 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | NV | 20  | -5.80  | -0.003324 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | NV | 30  | -4.00  | -0.002292 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | NV | 40  | 5.40   | 0.003095  | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | NV | 50  | -4.40  | -0.002521 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | NV | -30 | -7.00  | -0.004070 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | NV | -20 | -6.00  | -0.003488 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | NV | 0   | -8.50  | -0.004942 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | NV | 10  | -8.60  | -0.005000 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | NV | 20  | -9.30  | -0.005407 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | NV | 30  | -11.10 | -0.006453 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | NV | 40  | 5.20   | 0.003023  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | NV | 50  | 4.10   | 0.002384  | ±2.5 | PASS |



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|       |       |       |       |         |    |     |        |           |      |      |
|-------|-------|-------|-------|---------|----|-----|--------|-----------|------|------|
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | -30 | 0.60   | 0.000346  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | -20 | 0.00   | 0.000000  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | 0   | 1.80   | 0.001039  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | 10  | 3.40   | 0.001962  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | 20  | 4.30   | 0.002482  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | 30  | 4.70   | 0.002713  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | 40  | 4.40   | 0.002540  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | 50  | 3.40   | 0.001962  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | -30 | 2.70   | 0.001547  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | -20 | 5.00   | 0.002865  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | 0   | -11.50 | -0.006590 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | 10  | 5.20   | 0.002980  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | 20  | -11.50 | -0.006590 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | 30  | -9.80  | -0.005616 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | 40  | 6.00   | 0.003438  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | 50  | -11.10 | -0.006361 | ±2.5 | PASS |

The End



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