



# Appendix B

## E-UTRA Band 4



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## 1 Effective (Isotropic) Radiated Power

### Test Result

#### ANT1:

| Band  | Bandwidth | Modulation | Channel | RB Config. | Result (dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|-------|-----------|------------|---------|------------|--------------|------------|-------------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#0      | 23.83        | 23.83      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#2      | 24.00        | 24.00      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#5      | 23.85        | 23.85      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#0      | 23.70        | 23.70      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#1      | 23.81        | 23.81      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#3      | 23.66        | 23.66      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0      | 22.64        | 22.64      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#0      | 23.65        | 23.65      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#2      | 23.61        | 23.61      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#5      | 23.78        | 23.78      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#0      | 23.76        | 23.76      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#1      | 23.68        | 23.68      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#3      | 23.59        | 23.59      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0      | 23.05        | 23.05      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#0      | 23.67        | 23.67      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#2      | 23.63        | 23.63      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#5      | 23.44        | 23.44      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 3RB#0      | 23.72        | 23.72      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 3RB#1      | 23.56        | 23.56      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 3RB#3      | 23.44        | 23.44      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0      | 23.15        | 23.15      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#0      | 23.00        | 23.00      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#2      | 23.08        | 23.08      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#5      | 22.86        | 22.86      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 3RB#0      | 22.73        | 22.73      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 3RB#1      | 22.76        | 22.76      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 3RB#3      | 22.90        | 22.90      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0      | 22.07        | 22.07      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#0      | 23.25        | 23.25      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#2      | 22.94        | 22.94      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#5      | 22.90        | 22.90      | 30.00       | PASS    |



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|       |        |       |       |        |       |       |       |      |
|-------|--------|-------|-------|--------|-------|-------|-------|------|
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#0  | 22.49 | 22.49 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#1  | 22.81 | 22.81 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#3  | 22.24 | 22.24 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0  | 21.89 | 21.89 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#0  | 22.94 | 22.94 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#2  | 22.82 | 22.82 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#5  | 22.79 | 22.79 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#0  | 22.49 | 22.49 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#1  | 22.50 | 22.50 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#3  | 22.39 | 22.39 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0  | 21.62 | 21.62 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 1RB#0  | 22.78 | 22.78 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 1RB#2  | 22.97 | 22.97 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 1RB#5  | 22.79 | 22.79 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 3RB#0  | 22.69 | 22.69 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 3RB#1  | 22.78 | 22.78 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 3RB#3  | 22.65 | 22.65 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 6RB#0  | 21.52 | 21.52 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 1RB#0  | 22.56 | 22.56 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 1RB#2  | 22.55 | 22.55 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 1RB#5  | 22.67 | 22.67 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 3RB#0  | 22.69 | 22.69 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 3RB#1  | 22.57 | 22.57 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 3RB#3  | 22.50 | 22.50 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 6RB#0  | 21.82 | 21.82 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 1RB#0  | 22.66 | 22.66 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 1RB#2  | 22.57 | 22.57 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 1RB#5  | 22.33 | 22.33 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 3RB#0  | 22.64 | 22.64 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 3RB#1  | 22.46 | 22.46 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 3RB#3  | 22.33 | 22.33 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 6RB#0  | 21.83 | 21.83 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#0  | 23.90 | 23.90 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#8  | 23.85 | 23.85 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#14 | 23.83 | 23.83 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#0  | 23.10 | 23.10 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#4  | 22.94 | 22.94 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#7  | 22.91 | 22.91 | 30.00 | PASS |



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|       |      |       |       |        |       |       |       |      |
|-------|------|-------|-------|--------|-------|-------|-------|------|
| Band4 | 3MHz | QPSK  | 19965 | 15RB#0 | 22.89 | 22.89 | 30.00 | PASS |
| Band4 | 3MHz | QPSK  | 20175 | 1RB#0  | 23.57 | 23.57 | 30.00 | PASS |
| Band4 | 3MHz | QPSK  | 20175 | 1RB#8  | 23.53 | 23.53 | 30.00 | PASS |
| Band4 | 3MHz | QPSK  | 20175 | 1RB#14 | 23.72 | 23.72 | 30.00 | PASS |
| Band4 | 3MHz | QPSK  | 20175 | 8RB#0  | 22.83 | 22.83 | 30.00 | PASS |
| Band4 | 3MHz | QPSK  | 20175 | 8RB#4  | 22.81 | 22.81 | 30.00 | PASS |
| Band4 | 3MHz | QPSK  | 20175 | 8RB#7  | 22.76 | 22.76 | 30.00 | PASS |
| Band4 | 3MHz | QPSK  | 20175 | 15RB#0 | 22.78 | 22.78 | 30.00 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 1RB#0  | 23.60 | 23.60 | 30.00 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 1RB#8  | 23.76 | 23.76 | 30.00 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 1RB#14 | 23.57 | 23.57 | 30.00 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 8RB#0  | 22.75 | 22.75 | 30.00 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 8RB#4  | 22.62 | 22.62 | 30.00 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 8RB#7  | 22.66 | 22.66 | 30.00 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 15RB#0 | 22.61 | 22.61 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 1RB#0  | 23.58 | 23.58 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 1RB#8  | 23.12 | 23.12 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 1RB#14 | 22.72 | 22.72 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#0  | 22.00 | 22.00 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#4  | 21.99 | 21.99 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#7  | 21.90 | 21.90 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0 | 21.93 | 21.93 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#0  | 23.24 | 23.24 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#8  | 23.13 | 23.13 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#14 | 22.90 | 22.90 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#0  | 21.85 | 21.85 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#4  | 21.87 | 21.87 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#7  | 21.86 | 21.86 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | 21.85 | 21.85 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#0  | 23.03 | 23.03 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#8  | 23.26 | 23.26 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#14 | 22.68 | 22.68 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#0  | 21.78 | 21.78 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#4  | 21.74 | 21.74 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#7  | 21.68 | 21.68 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | 21.39 | 21.39 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 1RB#0  | 22.83 | 22.83 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 1RB#8  | 22.76 | 22.76 | 30.00 | PASS |



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|       |      |       |       |         |       |       |       |      |
|-------|------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 3MHz | 64QAM | 19965 | 1RB#14  | 22.73 | 22.73 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 8RB#0   | 21.98 | 21.98 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 8RB#4   | 21.85 | 21.85 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 8RB#7   | 21.91 | 21.91 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 15RB#0  | 21.88 | 21.88 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20175 | 1RB#0   | 22.44 | 22.44 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20175 | 1RB#8   | 22.51 | 22.51 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20175 | 1RB#14  | 22.62 | 22.62 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20175 | 8RB#0   | 21.73 | 21.73 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20175 | 8RB#4   | 21.79 | 21.79 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20175 | 8RB#7   | 21.75 | 21.75 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20175 | 15RB#0  | 21.72 | 21.72 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 1RB#0   | 22.57 | 22.57 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 1RB#8   | 22.75 | 22.75 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 1RB#14  | 22.56 | 22.56 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 8RB#0   | 21.65 | 21.65 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 8RB#4   | 21.61 | 21.61 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 8RB#7   | 21.60 | 21.60 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 15RB#0  | 21.54 | 21.54 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#0   | 23.83 | 23.83 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#12  | 24.03 | 24.03 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#24  | 23.91 | 23.91 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#0  | 23.03 | 23.03 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#6  | 22.94 | 22.94 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#13 | 22.90 | 22.90 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0  | 22.98 | 22.98 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#0   | 23.97 | 23.97 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#12  | 23.85 | 23.85 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#24  | 23.80 | 23.80 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#0  | 22.95 | 22.95 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#6  | 22.96 | 22.96 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#13 | 22.94 | 22.94 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0  | 22.94 | 22.94 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#0   | 23.77 | 23.77 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#12  | 23.90 | 23.90 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#24  | 23.15 | 23.15 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 12RB#0  | 22.71 | 22.71 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 12RB#6  | 22.52 | 22.52 | 30.00 | PASS |



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|       |      |       |       |         |       |       |       |      |
|-------|------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 5MHz | QPSK  | 20375 | 12RB#13 | 22.54 | 22.54 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 25RB#0  | 22.83 | 22.83 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#0   | 23.03 | 23.03 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#12  | 23.40 | 23.40 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#24  | 23.29 | 23.29 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#0  | 22.20 | 22.20 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#6  | 22.03 | 22.03 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#13 | 22.06 | 22.06 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0  | 21.98 | 21.98 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#0   | 23.02 | 23.02 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#12  | 23.17 | 23.17 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#24  | 23.12 | 23.12 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#0  | 21.94 | 21.94 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#6  | 21.92 | 21.92 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#13 | 21.86 | 21.86 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 25RB#0  | 21.83 | 21.83 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#0   | 23.30 | 23.30 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#12  | 23.08 | 23.08 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#24  | 22.54 | 22.54 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 12RB#0  | 21.77 | 21.77 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 12RB#6  | 21.81 | 21.81 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 12RB#13 | 21.58 | 21.58 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 25RB#0  | 21.59 | 21.59 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 1RB#0   | 22.81 | 22.81 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 1RB#12  | 23.00 | 23.00 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 1RB#24  | 22.86 | 22.86 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 12RB#0  | 21.93 | 21.93 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 12RB#6  | 21.84 | 21.84 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 12RB#13 | 21.82 | 21.82 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 25RB#0  | 21.90 | 21.90 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 1RB#0   | 22.89 | 22.89 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 1RB#12  | 22.72 | 22.72 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 1RB#24  | 22.67 | 22.67 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 12RB#0  | 21.86 | 21.86 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 12RB#6  | 21.86 | 21.86 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 12RB#13 | 21.90 | 21.90 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 25RB#0  | 21.85 | 21.85 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 1RB#0   | 22.66 | 22.66 | 30.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 5MHz  | 64QAM | 20375 | 1RB#12  | 22.81 | 22.81 | 30.00 | PASS |
| Band4 | 5MHz  | 64QAM | 20375 | 1RB#24  | 22.14 | 22.14 | 30.00 | PASS |
| Band4 | 5MHz  | 64QAM | 20375 | 12RB#0  | 21.65 | 21.65 | 30.00 | PASS |
| Band4 | 5MHz  | 64QAM | 20375 | 12RB#6  | 21.46 | 21.46 | 30.00 | PASS |
| Band4 | 5MHz  | 64QAM | 20375 | 12RB#13 | 21.47 | 21.47 | 30.00 | PASS |
| Band4 | 5MHz  | 64QAM | 20375 | 25RB#0  | 21.83 | 21.83 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#0   | 24.05 | 24.05 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#24  | 23.94 | 23.94 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#49  | 23.95 | 23.95 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#0  | 23.01 | 23.01 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#12 | 23.00 | 23.00 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#25 | 22.95 | 22.95 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0  | 23.04 | 23.04 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#0   | 24.04 | 24.04 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#24  | 23.87 | 23.87 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#49  | 23.83 | 23.83 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#0  | 22.99 | 22.99 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#12 | 22.88 | 22.88 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#25 | 23.00 | 23.00 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0  | 22.95 | 22.95 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#0   | 23.92 | 23.92 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#24  | 23.71 | 23.71 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#49  | 23.80 | 23.80 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#0  | 22.86 | 22.86 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#12 | 22.83 | 22.83 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#25 | 22.84 | 22.84 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0  | 22.84 | 22.84 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0   | 23.05 | 23.05 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#24  | 23.50 | 23.50 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#49  | 23.00 | 23.00 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#0  | 22.14 | 22.14 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#12 | 21.95 | 21.95 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#25 | 22.06 | 22.06 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0  | 22.02 | 22.02 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0   | 23.30 | 23.30 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#24  | 23.48 | 23.48 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#49  | 22.81 | 22.81 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#0  | 22.05 | 22.05 | 30.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 10MHz | 16QAM | 20175 | 25RB#12 | 22.01 | 22.01 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#25 | 21.86 | 21.86 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0  | 21.98 | 21.98 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0   | 23.15 | 23.15 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#24  | 23.26 | 23.26 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#49  | 22.03 | 22.03 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#0  | 21.88 | 21.88 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#12 | 21.77 | 21.77 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#25 | 21.82 | 21.82 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0  | 22.15 | 22.15 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 1RB#0   | 22.96 | 22.96 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 1RB#24  | 22.84 | 22.84 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 1RB#49  | 22.85 | 22.85 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 25RB#0  | 21.94 | 21.94 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 25RB#12 | 21.99 | 21.99 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 25RB#25 | 21.87 | 21.87 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 50RB#0  | 21.99 | 21.99 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 1RB#0   | 22.98 | 22.98 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 1RB#24  | 22.81 | 22.81 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 1RB#49  | 22.81 | 22.81 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 25RB#0  | 21.94 | 21.94 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 25RB#12 | 21.76 | 21.76 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 25RB#25 | 21.90 | 21.90 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 50RB#0  | 21.91 | 21.91 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 1RB#0   | 22.84 | 22.84 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 1RB#24  | 22.61 | 22.61 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 1RB#49  | 22.67 | 22.67 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 25RB#0  | 21.84 | 21.84 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 25RB#12 | 21.70 | 21.70 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 25RB#25 | 21.82 | 21.82 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 50RB#0  | 21.73 | 21.73 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#0   | 24.06 | 24.06 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#38  | 23.42 | 23.42 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#74  | 23.55 | 23.55 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#0  | 22.30 | 22.30 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#18 | 22.39 | 22.39 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#37 | 22.43 | 22.43 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0  | 22.46 | 22.46 | 30.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 15MHz | QPSK  | 20175 | 1RB#0   | 23.93 | 23.93 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#38  | 23.40 | 23.40 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#74  | 23.41 | 23.41 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#0  | 22.44 | 22.44 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#18 | 22.49 | 22.49 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#37 | 22.35 | 22.35 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | 22.44 | 22.44 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0   | 23.87 | 23.87 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#38  | 23.34 | 23.34 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#74  | 23.19 | 23.19 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#0  | 22.52 | 22.52 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#18 | 22.42 | 22.42 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#37 | 22.24 | 22.24 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | 22.19 | 22.19 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0   | 22.52 | 22.52 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#38  | 23.28 | 23.28 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#74  | 22.65 | 22.65 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#0  | 21.30 | 21.30 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#18 | 21.47 | 21.47 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#37 | 21.49 | 21.49 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | 21.43 | 21.43 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0   | 22.68 | 22.68 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#38  | 22.87 | 22.87 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#74  | 22.47 | 22.47 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#0  | 21.43 | 21.43 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#18 | 21.47 | 21.47 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#37 | 21.35 | 21.35 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | 21.34 | 21.34 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0   | 23.37 | 23.37 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#38  | 22.60 | 22.60 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#74  | 22.30 | 22.30 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#0  | 21.54 | 21.54 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#18 | 21.43 | 21.43 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#37 | 21.23 | 21.23 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | 21.36 | 21.36 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 1RB#0   | 22.99 | 22.99 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 1RB#38  | 22.30 | 22.30 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 1RB#74  | 22.49 | 22.49 | 30.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 15MHz | 64QAM | 20025 | 38RB#0  | 21.28 | 21.28 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 38RB#18 | 21.26 | 21.26 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 38RB#37 | 21.34 | 21.34 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 75RB#0  | 21.36 | 21.36 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 1RB#0   | 22.85 | 22.85 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 1RB#38  | 22.40 | 22.40 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 1RB#74  | 22.28 | 22.28 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 38RB#0  | 21.44 | 21.44 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 38RB#18 | 21.40 | 21.40 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 38RB#37 | 21.24 | 21.24 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 75RB#0  | 21.43 | 21.43 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 1RB#0   | 22.76 | 22.76 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 1RB#38  | 22.22 | 22.22 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 1RB#74  | 22.10 | 22.10 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 38RB#0  | 21.45 | 21.45 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 38RB#18 | 21.41 | 21.41 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 38RB#37 | 21.15 | 21.15 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 75RB#0  | 21.11 | 21.11 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0   | 23.85 | 23.85 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#49  | 23.96 | 23.96 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#99  | 23.43 | 23.43 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#0  | 22.42 | 22.42 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#25 | 22.41 | 22.41 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#50 | 22.38 | 22.38 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | 22.39 | 22.39 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#0   | 23.65 | 23.65 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#49  | 24.10 | 24.10 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#99  | 23.45 | 23.45 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#0  | 22.56 | 22.56 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#25 | 22.39 | 22.39 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#50 | 22.38 | 22.38 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | 22.61 | 22.61 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0   | 23.65 | 23.65 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#49  | 24.09 | 24.09 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#99  | 23.25 | 23.25 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#0  | 22.49 | 22.49 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#25 | 22.16 | 22.16 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#50 | 22.25 | 22.25 | 30.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 22.36 | 22.36 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0   | 22.24 | 22.24 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#49  | 22.35 | 22.35 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#99  | 22.28 | 22.28 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#0  | 21.23 | 21.23 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#25 | 21.41 | 21.41 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#50 | 21.32 | 21.32 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 21.50 | 21.50 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0   | 22.25 | 22.25 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#49  | 22.43 | 22.43 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#99  | 22.25 | 22.25 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#0  | 21.43 | 21.43 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#25 | 21.33 | 21.33 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#50 | 21.39 | 21.39 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 21.41 | 21.41 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0   | 22.45 | 22.45 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#49  | 22.29 | 22.29 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#99  | 22.36 | 22.36 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#0  | 21.32 | 21.32 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#25 | 21.28 | 21.28 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#50 | 21.23 | 21.23 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 21.22 | 21.22 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 1RB#0   | 22.82 | 22.82 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 1RB#49  | 22.85 | 22.85 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 1RB#99  | 22.39 | 22.39 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 50RB#0  | 21.39 | 21.39 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 50RB#25 | 21.37 | 21.37 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 50RB#50 | 21.38 | 21.38 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | 21.31 | 21.31 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 1RB#0   | 22.63 | 22.63 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 1RB#49  | 23.00 | 23.00 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 1RB#99  | 22.44 | 22.44 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 50RB#0  | 21.50 | 21.50 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 50RB#25 | 21.34 | 21.34 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 50RB#50 | 21.25 | 21.25 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | 21.61 | 21.61 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 1RB#0   | 22.60 | 22.60 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 1RB#49  | 22.84 | 22.84 | 30.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 20MHz | 64QAM | 20300 | 1RB#99  | 22.12 | 22.12 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 50RB#0  | 21.42 | 21.42 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 50RB#25 | 21.09 | 21.09 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 50RB#50 | 21.17 | 21.17 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | 21.23 | 21.23 | 30.00 | PASS |



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**ANT2:**

| Band  | Bandwidth | Modulation | Channel | RB Config. | Result (dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|-------|-----------|------------|---------|------------|--------------|------------|-------------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#0      | 23.75        | 23.25      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#2      | 24.14        | 23.64      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#5      | 23.96        | 23.46      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#0      | 23.90        | 23.4       | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#1      | 23.83        | 23.33      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#3      | 23.92        | 23.42      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0      | 22.88        | 22.38      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#0      | 23.51        | 23.01      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#2      | 23.53        | 23.03      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#5      | 23.43        | 22.93      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#0      | 23.55        | 23.05      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#1      | 23.67        | 23.17      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#3      | 23.59        | 23.09      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0      | 22.57        | 22.07      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#0      | 23.08        | 22.58      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#2      | 23.02        | 22.52      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#5      | 23.25        | 22.75      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 3RB#0      | 23.43        | 22.93      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 3RB#1      | 23.41        | 22.91      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 3RB#3      | 23.21        | 22.71      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0      | 22.28        | 21.78      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#0      | 22.94        | 22.44      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#2      | 23.44        | 22.94      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#5      | 23.10        | 22.6       | 30.00       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 3RB#0      | 22.77        | 22.27      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 3RB#1      | 22.99        | 22.49      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 3RB#3      | 22.78        | 22.28      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0      | 21.94        | 21.44      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#0      | 22.43        | 21.93      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#2      | 23.19        | 22.69      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#5      | 23.00        | 22.5       | 30.00       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 3RB#0      | 22.57        | 22.07      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 3RB#1      | 22.53        | 22.03      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 3RB#3      | 22.48        | 21.98      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0      | 21.52        | 21.02      | 30.00       | PASS    |



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|       |        |       |       |        |       |       |       |      |
|-------|--------|-------|-------|--------|-------|-------|-------|------|
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#0  | 22.48 | 21.98 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#2  | 22.97 | 22.47 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#5  | 22.54 | 22.04 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#0  | 22.11 | 21.61 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#1  | 22.14 | 21.64 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#3  | 22.24 | 21.74 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0  | 21.05 | 20.55 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 1RB#0  | 21.68 | 21.18 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 1RB#2  | 22.01 | 21.51 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 1RB#5  | 21.94 | 21.44 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 3RB#0  | 21.82 | 21.32 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 3RB#1  | 21.75 | 21.25 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 3RB#3  | 21.87 | 21.37 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 6RB#0  | 20.86 | 20.36 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 1RB#0  | 21.50 | 21    | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 1RB#2  | 21.52 | 21.02 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 1RB#5  | 21.41 | 20.91 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 3RB#0  | 21.55 | 21.05 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 3RB#1  | 21.62 | 21.12 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 3RB#3  | 21.47 | 20.97 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 6RB#0  | 20.48 | 19.98 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 1RB#0  | 21.00 | 20.5  | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 1RB#2  | 21.06 | 20.56 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 1RB#5  | 21.22 | 20.72 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 3RB#0  | 21.31 | 20.81 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 3RB#1  | 21.39 | 20.89 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 3RB#3  | 21.11 | 20.61 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 6RB#0  | 20.21 | 19.71 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#0  | 23.93 | 23.43 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#8  | 23.96 | 23.46 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#14 | 23.83 | 23.33 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#0  | 23.02 | 22.52 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#4  | 22.91 | 22.41 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#7  | 22.92 | 22.42 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0 | 23.04 | 22.54 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#0  | 23.52 | 23.02 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#8  | 23.73 | 23.23 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#14 | 23.68 | 23.18 | 30.00 | PASS |



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|       |      |       |       |        |       |       |       |      |
|-------|------|-------|-------|--------|-------|-------|-------|------|
| Band4 | 3MHz | QPSK  | 20175 | 8RB#0  | 22.65 | 22.15 | 30.00 | PASS |
| Band4 | 3MHz | QPSK  | 20175 | 8RB#4  | 22.64 | 22.14 | 30.00 | PASS |
| Band4 | 3MHz | QPSK  | 20175 | 8RB#7  | 22.52 | 22.02 | 30.00 | PASS |
| Band4 | 3MHz | QPSK  | 20175 | 15RB#0 | 22.58 | 22.08 | 30.00 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 1RB#0  | 23.20 | 22.7  | 30.00 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 1RB#8  | 23.13 | 22.63 | 30.00 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 1RB#14 | 23.24 | 22.74 | 30.00 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 8RB#0  | 22.28 | 21.78 | 30.00 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 8RB#4  | 22.34 | 21.84 | 30.00 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 8RB#7  | 22.40 | 21.9  | 30.00 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 15RB#0 | 22.34 | 21.84 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 1RB#0  | 23.23 | 22.73 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 1RB#8  | 23.38 | 22.88 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 1RB#14 | 22.64 | 22.14 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#0  | 22.06 | 21.56 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#4  | 22.08 | 21.58 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#7  | 21.91 | 21.41 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0 | 22.16 | 21.66 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#0  | 23.21 | 22.71 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#8  | 23.02 | 22.52 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#14 | 22.88 | 22.38 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#0  | 21.70 | 21.2  | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#4  | 21.66 | 21.16 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#7  | 21.65 | 21.15 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | 21.57 | 21.07 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#0  | 23.07 | 22.57 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#8  | 22.97 | 22.47 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#14 | 22.38 | 21.88 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#0  | 21.50 | 21    | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#4  | 21.55 | 21.05 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#7  | 21.39 | 20.89 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | 21.32 | 20.82 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 1RB#0  | 21.88 | 21.38 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 1RB#8  | 21.83 | 21.33 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 1RB#14 | 21.74 | 21.24 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 8RB#0  | 21.00 | 20.5  | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 8RB#4  | 20.81 | 20.31 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 8RB#7  | 20.88 | 20.38 | 30.00 | PASS |



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|       |      |       |       |         |       |       |       |      |
|-------|------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 3MHz | 64QAM | 19965 | 15RB#0  | 21.02 | 20.52 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20175 | 1RB#0   | 21.43 | 20.93 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20175 | 1RB#8   | 21.65 | 21.15 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20175 | 1RB#14  | 21.56 | 21.06 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20175 | 8RB#0   | 20.62 | 20.12 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20175 | 8RB#4   | 20.56 | 20.06 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20175 | 8RB#7   | 20.39 | 19.89 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20175 | 15RB#0  | 20.55 | 20.05 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 1RB#0   | 21.17 | 20.67 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 1RB#8   | 21.04 | 20.54 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 1RB#14  | 21.14 | 20.64 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 8RB#0   | 20.15 | 19.65 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 8RB#4   | 20.28 | 19.78 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 8RB#7   | 20.37 | 19.87 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 15RB#0  | 20.34 | 19.84 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#0   | 23.78 | 23.28 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#12  | 24.13 | 23.63 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#24  | 23.86 | 23.36 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#0  | 22.90 | 22.4  | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#6  | 22.93 | 22.43 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#13 | 23.03 | 22.53 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0  | 23.15 | 22.65 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#0   | 23.66 | 23.16 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#12  | 23.65 | 23.15 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#24  | 23.58 | 23.08 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#0  | 22.65 | 22.15 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#6  | 22.63 | 22.13 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#13 | 22.61 | 22.11 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0  | 22.64 | 22.14 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#0   | 23.33 | 22.83 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#12  | 23.38 | 22.88 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#24  | 23.07 | 22.57 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 12RB#0  | 22.45 | 21.95 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 12RB#6  | 22.28 | 21.78 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 12RB#13 | 22.16 | 21.66 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 25RB#0  | 22.47 | 21.97 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#0   | 23.51 | 23.01 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#12  | 23.45 | 22.95 | 30.00 | PASS |



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|       |      |       |       |         |       |       |       |      |
|-------|------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 5MHz | 16QAM | 19975 | 1RB#24  | 22.97 | 22.47 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#0  | 22.11 | 21.61 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#6  | 21.97 | 21.47 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#13 | 22.01 | 21.51 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0  | 22.21 | 21.71 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#0   | 23.35 | 22.85 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#12  | 23.36 | 22.86 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#24  | 22.77 | 22.27 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#0  | 21.63 | 21.13 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#6  | 21.71 | 21.21 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#13 | 21.76 | 21.26 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 25RB#0  | 21.58 | 21.08 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#0   | 23.08 | 22.58 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#12  | 22.23 | 21.73 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#24  | 22.10 | 21.6  | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 12RB#0  | 21.34 | 20.84 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 12RB#6  | 21.46 | 20.96 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 12RB#13 | 21.20 | 20.7  | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 25RB#0  | 21.36 | 20.86 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 1RB#0   | 21.66 | 21.16 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 1RB#12  | 22.02 | 21.52 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 1RB#24  | 21.84 | 21.34 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 12RB#0  | 20.90 | 20.4  | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 12RB#6  | 20.80 | 20.3  | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 12RB#13 | 20.96 | 20.46 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 25RB#0  | 21.05 | 20.55 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 1RB#0   | 21.63 | 21.13 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 1RB#12  | 21.63 | 21.13 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 1RB#24  | 21.50 | 21    | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 12RB#0  | 20.58 | 20.08 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 12RB#6  | 20.62 | 20.12 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 12RB#13 | 20.60 | 20.1  | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 25RB#0  | 20.58 | 20.08 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 1RB#0   | 21.24 | 20.74 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 1RB#12  | 21.25 | 20.75 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 1RB#24  | 21.01 | 20.51 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 12RB#0  | 20.33 | 19.83 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 12RB#6  | 20.17 | 19.67 | 30.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 5MHz  | 64QAM | 20375 | 12RB#13 | 20.14 | 19.64 | 30.00 | PASS |
| Band4 | 5MHz  | 64QAM | 20375 | 25RB#0  | 20.41 | 19.91 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#0   | 24.24 | 23.74 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#24  | 23.95 | 23.45 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#49  | 24.05 | 23.55 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#0  | 22.87 | 22.37 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#12 | 22.94 | 22.44 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#25 | 22.85 | 22.35 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0  | 22.88 | 22.38 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#0   | 24.00 | 23.5  | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#24  | 23.51 | 23.01 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#49  | 23.88 | 23.38 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#0  | 22.70 | 22.2  | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#12 | 22.69 | 22.19 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#25 | 22.69 | 22.19 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0  | 22.70 | 22.2  | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#0   | 23.69 | 23.19 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#24  | 23.51 | 23.01 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#49  | 23.05 | 22.55 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#0  | 22.43 | 21.93 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#12 | 22.41 | 21.91 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#25 | 22.28 | 21.78 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0  | 22.44 | 21.94 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0   | 23.55 | 23.05 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#24  | 23.42 | 22.92 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#49  | 22.71 | 22.21 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#0  | 22.04 | 21.54 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#12 | 21.99 | 21.49 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#25 | 21.83 | 21.33 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0  | 22.03 | 21.53 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0   | 23.57 | 23.07 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#24  | 22.60 | 22.1  | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#49  | 22.64 | 22.14 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#0  | 21.79 | 21.29 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#12 | 21.75 | 21.25 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#25 | 21.66 | 21.16 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0  | 21.74 | 21.24 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0   | 22.65 | 22.15 | 30.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 10MHz | 16QAM | 20350 | 1RB#24  | 22.70 | 22.2  | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#49  | 22.08 | 21.58 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#0  | 21.56 | 21.06 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#12 | 21.52 | 21.02 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#25 | 21.41 | 20.91 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0  | 21.55 | 21.05 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 1RB#0   | 22.14 | 21.64 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 1RB#24  | 21.85 | 21.35 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 1RB#49  | 22.02 | 21.52 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 25RB#0  | 20.75 | 20.25 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 25RB#12 | 20.94 | 20.44 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 25RB#25 | 20.76 | 20.26 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 50RB#0  | 20.86 | 20.36 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 1RB#0   | 21.94 | 21.44 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 1RB#24  | 21.48 | 20.98 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 1RB#49  | 21.80 | 21.3  | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 25RB#0  | 20.67 | 20.17 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 25RB#12 | 20.65 | 20.15 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 25RB#25 | 20.64 | 20.14 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 50RB#0  | 20.60 | 20.1  | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 1RB#0   | 21.63 | 21.13 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 1RB#24  | 21.44 | 20.94 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 1RB#49  | 21.09 | 20.59 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 25RB#0  | 20.31 | 19.81 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 25RB#12 | 20.30 | 19.8  | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 25RB#25 | 20.22 | 19.72 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 50RB#0  | 20.32 | 19.82 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#0   | 24.46 | 23.96 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#38  | 23.22 | 22.72 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#74  | 23.37 | 22.87 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#0  | 22.54 | 22.04 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#18 | 22.38 | 21.88 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#37 | 22.42 | 21.92 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0  | 22.31 | 21.81 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#0   | 23.87 | 23.37 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#38  | 23.10 | 22.6  | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#74  | 23.36 | 22.86 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#0  | 22.13 | 21.63 | 30.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 15MHz | QPSK  | 20175 | 38RB#18 | 22.09 | 21.59 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#37 | 22.09 | 21.59 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | 22.10 | 21.6  | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0   | 23.94 | 23.44 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#38  | 23.07 | 22.57 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#74  | 23.08 | 22.58 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#0  | 22.04 | 21.54 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#18 | 22.21 | 21.71 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#37 | 22.09 | 21.59 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | 22.04 | 21.54 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0   | 23.09 | 22.59 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#38  | 22.65 | 22.15 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#74  | 22.08 | 21.58 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#0  | 21.65 | 21.15 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#18 | 21.26 | 20.76 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#37 | 21.30 | 20.8  | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | 21.30 | 20.8  | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0   | 22.66 | 22.16 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#38  | 22.52 | 22.02 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#74  | 22.04 | 21.54 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#0  | 21.11 | 20.61 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#18 | 21.20 | 20.7  | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#37 | 21.06 | 20.56 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | 21.17 | 20.67 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0   | 22.33 | 21.83 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#38  | 22.35 | 21.85 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#74  | 22.03 | 21.53 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#0  | 21.01 | 20.51 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#18 | 21.06 | 20.56 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#37 | 21.04 | 20.54 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | 21.02 | 20.52 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 1RB#0   | 22.34 | 21.84 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 1RB#38  | 21.12 | 20.62 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 1RB#74  | 21.30 | 20.8  | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 38RB#0  | 20.51 | 20.01 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 38RB#18 | 20.32 | 19.82 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 38RB#37 | 20.40 | 19.9  | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 75RB#0  | 20.18 | 19.68 | 30.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 15MHz | 64QAM | 20175 | 1RB#0   | 21.78 | 21.28 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 1RB#38  | 21.03 | 20.53 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 1RB#74  | 21.36 | 20.86 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 38RB#0  | 20.02 | 19.52 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 38RB#18 | 20.05 | 19.55 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 38RB#37 | 20.04 | 19.54 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 75RB#0  | 20.03 | 19.53 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 1RB#0   | 21.82 | 21.32 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 1RB#38  | 21.05 | 20.55 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 1RB#74  | 21.07 | 20.57 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 38RB#0  | 21.02 | 20.52 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 38RB#18 | 20.13 | 19.63 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 38RB#37 | 20.07 | 19.57 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 75RB#0  | 20.03 | 19.53 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0   | 23.21 | 22.71 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#49  | 23.88 | 23.38 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#99  | 23.04 | 22.54 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#0  | 22.46 | 21.96 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#25 | 22.29 | 21.79 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#50 | 22.32 | 21.82 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | 22.21 | 21.71 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#0   | 23.04 | 22.54 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#49  | 23.92 | 23.42 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#99  | 23.07 | 22.57 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#0  | 22.32 | 21.82 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#25 | 22.31 | 21.81 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#50 | 22.06 | 21.56 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | 22.09 | 21.59 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0   | 23.06 | 22.56 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#49  | 23.42 | 22.92 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#99  | 23.09 | 22.59 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#0  | 22.00 | 21.5  | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#25 | 22.08 | 21.58 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#50 | 22.07 | 21.57 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 22.09 | 21.59 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0   | 23.10 | 22.6  | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#49  | 22.36 | 21.86 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#99  | 22.06 | 21.56 | 30.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 20MHz | 16QAM | 20050 | 50RB#0  | 21.40 | 20.9  | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#25 | 21.25 | 20.75 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#50 | 21.17 | 20.67 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 21.47 | 20.97 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0   | 22.74 | 22.24 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#49  | 22.37 | 21.87 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#99  | 22.23 | 21.73 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#0  | 21.25 | 20.75 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#25 | 21.09 | 20.59 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#50 | 21.06 | 20.56 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 21.07 | 20.57 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0   | 22.38 | 21.88 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#49  | 22.63 | 22.13 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#99  | 22.02 | 21.52 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#0  | 21.02 | 20.52 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#25 | 21.02 | 20.52 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#50 | 21.01 | 20.51 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 22.04 | 21.54 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 1RB#0   | 21.15 | 20.65 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 1RB#49  | 21.72 | 21.22 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 1RB#99  | 21.05 | 20.55 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 50RB#0  | 20.36 | 19.86 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 50RB#25 | 20.16 | 19.66 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 50RB#50 | 20.19 | 19.69 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | 20.18 | 19.68 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 1RB#0   | 21.03 | 20.53 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 1RB#49  | 21.83 | 21.33 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 1RB#99  | 21.04 | 20.54 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 50RB#0  | 20.18 | 19.68 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 50RB#25 | 20.32 | 19.82 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 50RB#50 | 20.03 | 19.53 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | 20.03 | 19.53 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 1RB#0   | 21.09 | 20.59 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 1RB#49  | 21.35 | 20.85 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 1RB#99  | 21.02 | 20.52 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 50RB#0  | 20.09 | 19.59 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 50RB#25 | 20.08 | 19.58 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 50RB#50 | 20.09 | 19.59 | 30.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | 20.06 | 19.56 | 30.00 | PASS |
|-------|-------|-------|-------|---------|-------|-------|-------|------|

Remark:

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

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


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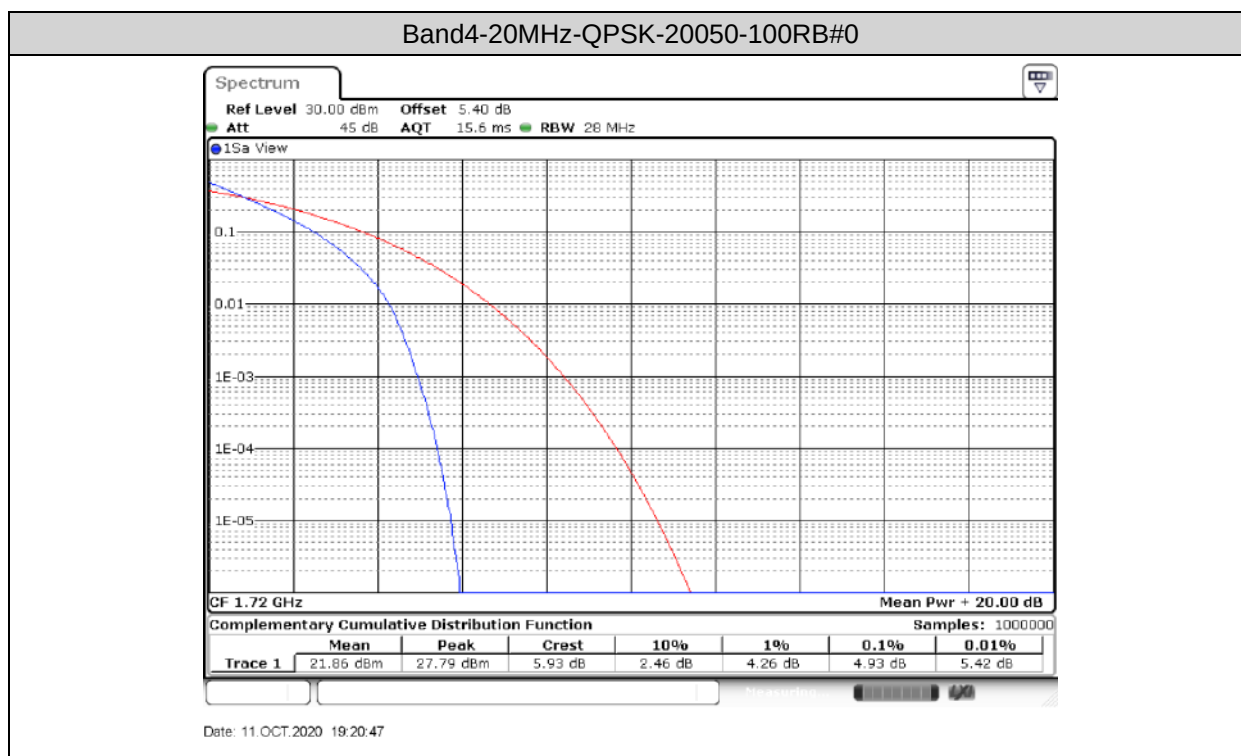
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## 2 Peak-to-Average Ratio (CCDF)

### 2.1 Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band4 | 20MHz     | QPSK       | 20050   | 100RB#0          | 4.93       | 13        | PASS    |
| Band4 | 20MHz     | QPSK       | 20175   | 100RB#0          | 4.84       | 13        | PASS    |
| Band4 | 20MHz     | QPSK       | 20300   | 100RB#0          | 4.90       | 13        | PASS    |
| Band4 | 20MHz     | 16QAM      | 20050   | 100RB#0          | 5.86       | 13        | PASS    |
| Band4 | 20MHz     | 16QAM      | 20175   | 100RB#0          | 5.77       | 13        | PASS    |
| Band4 | 20MHz     | 16QAM      | 20300   | 100RB#0          | 5.80       | 13        | PASS    |
| Band4 | 20MHz     | 64QAM      | 20050   | 100RB#0          | 6.29       | 13        | PASS    |
| Band4 | 20MHz     | 64QAM      | 20175   | 100RB#0          | 6.35       | 13        | PASS    |
| Band4 | 20MHz     | 64QAM      | 20300   | 100RB#0          | 6.38       | 13        | PASS    |

### 2.2 Test Plots



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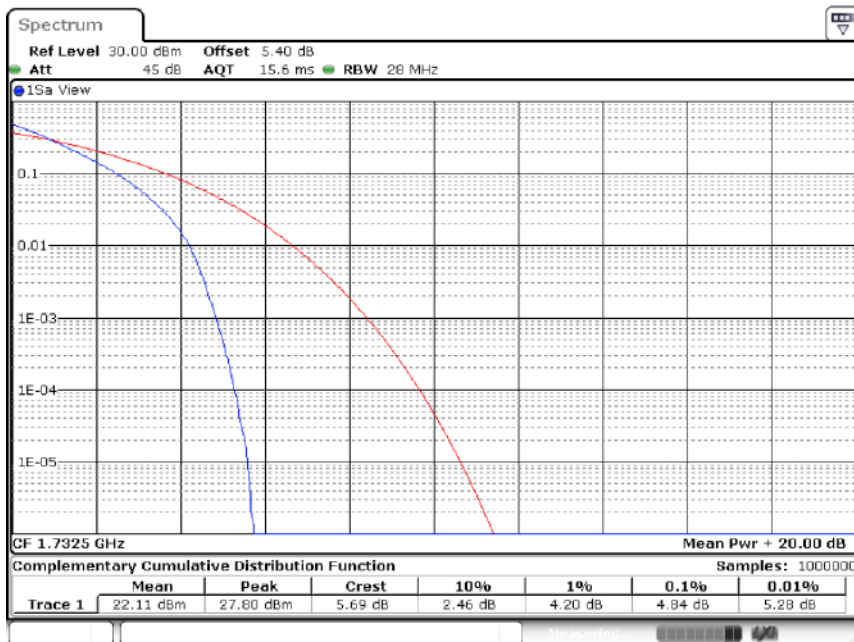
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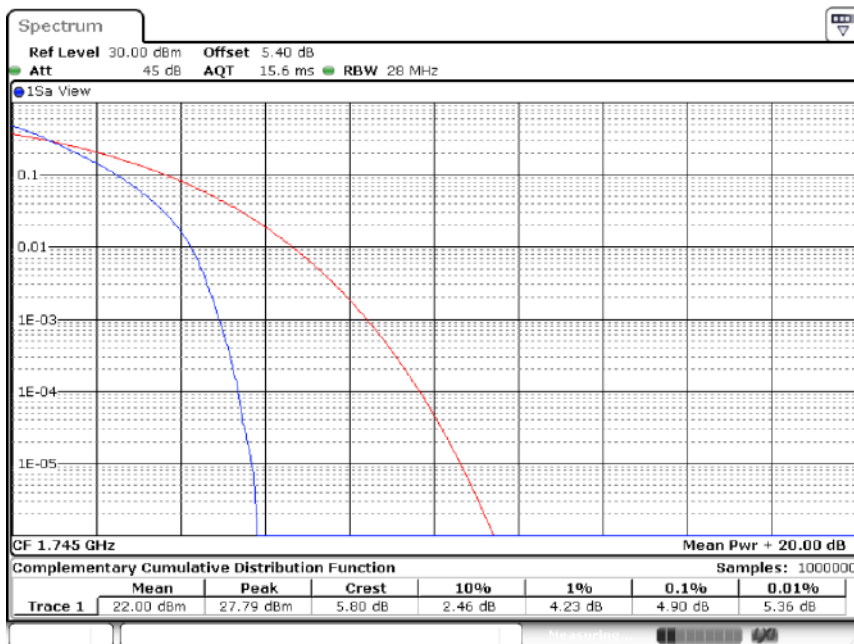
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**Band4-20MHz-QPSK-20175-100RB#0**



Date: 11.OCT.2020 19:21:16

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



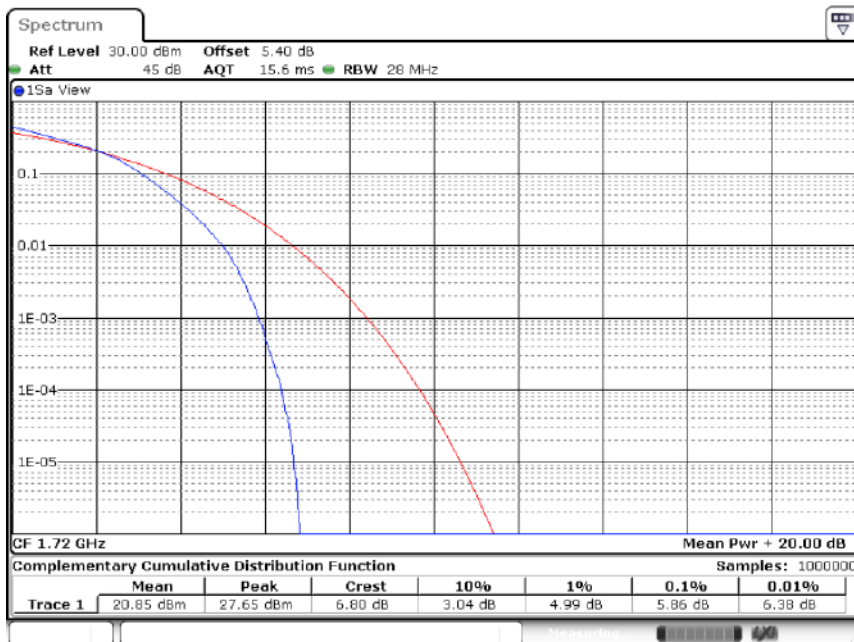
Date: 11.OCT.2020 19:21:45



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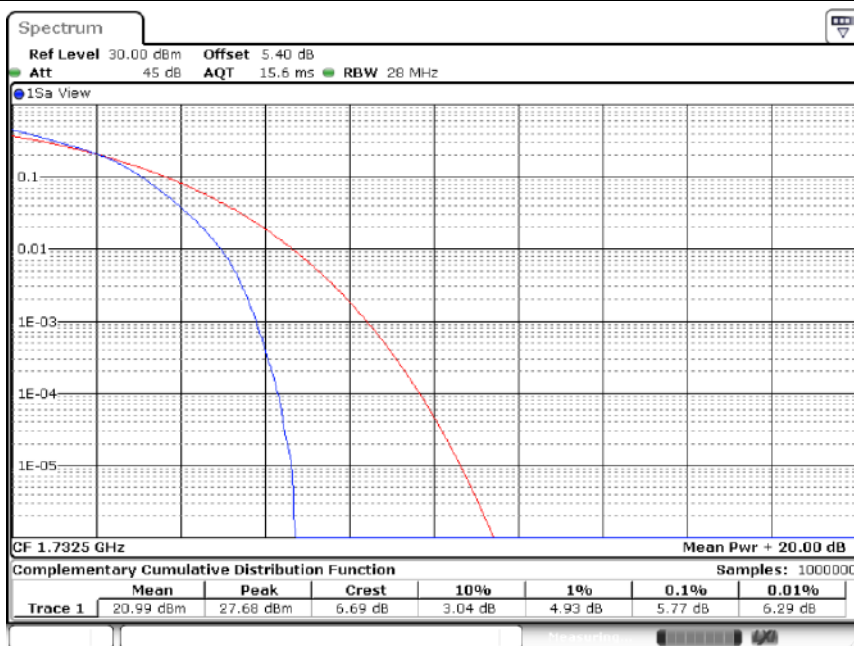
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## Band4-20MHz-16QAM-20050-100RB#0



Date: 11.OCT.2020 19:21:01

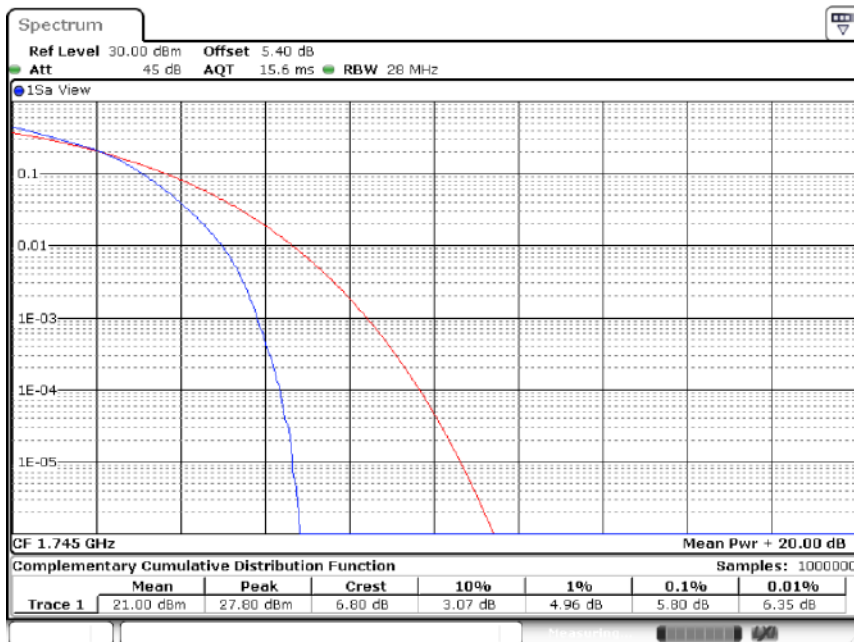
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Date: 11.OCT.2020 19:21:30

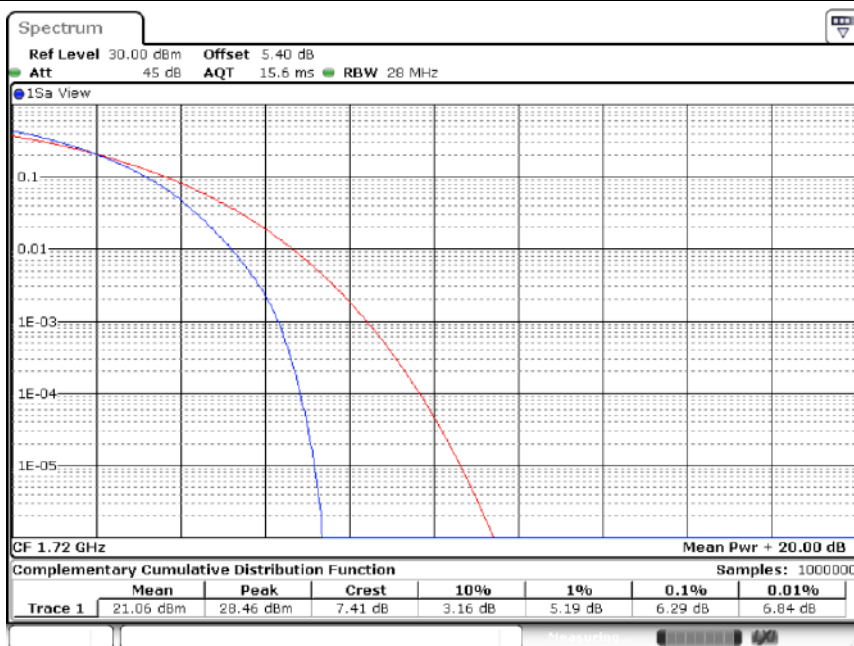


## Band4-20MHz-16QAM-20300-100RB#0



Date: 11.OCT.2020 19:21:59

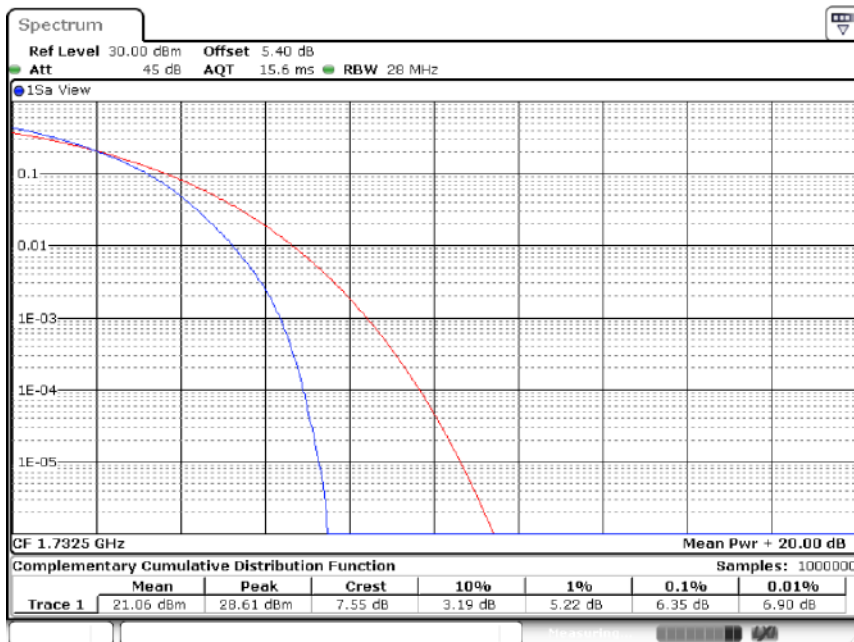
## Band4-20MHz-64QAM-20050-100RB#0



Date: 14.OCT.2020 10:55:40

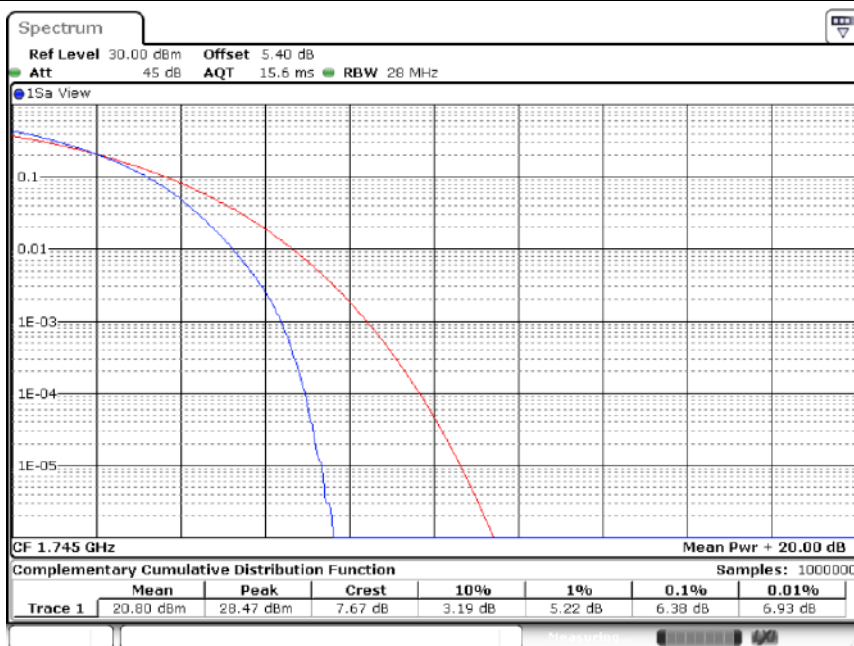


## Band4-20MHz-64QAM-20175-100RB#0



Date: 14 OCT.2020 10:55:55

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



Date: 14 OCT.2020 10:56:09

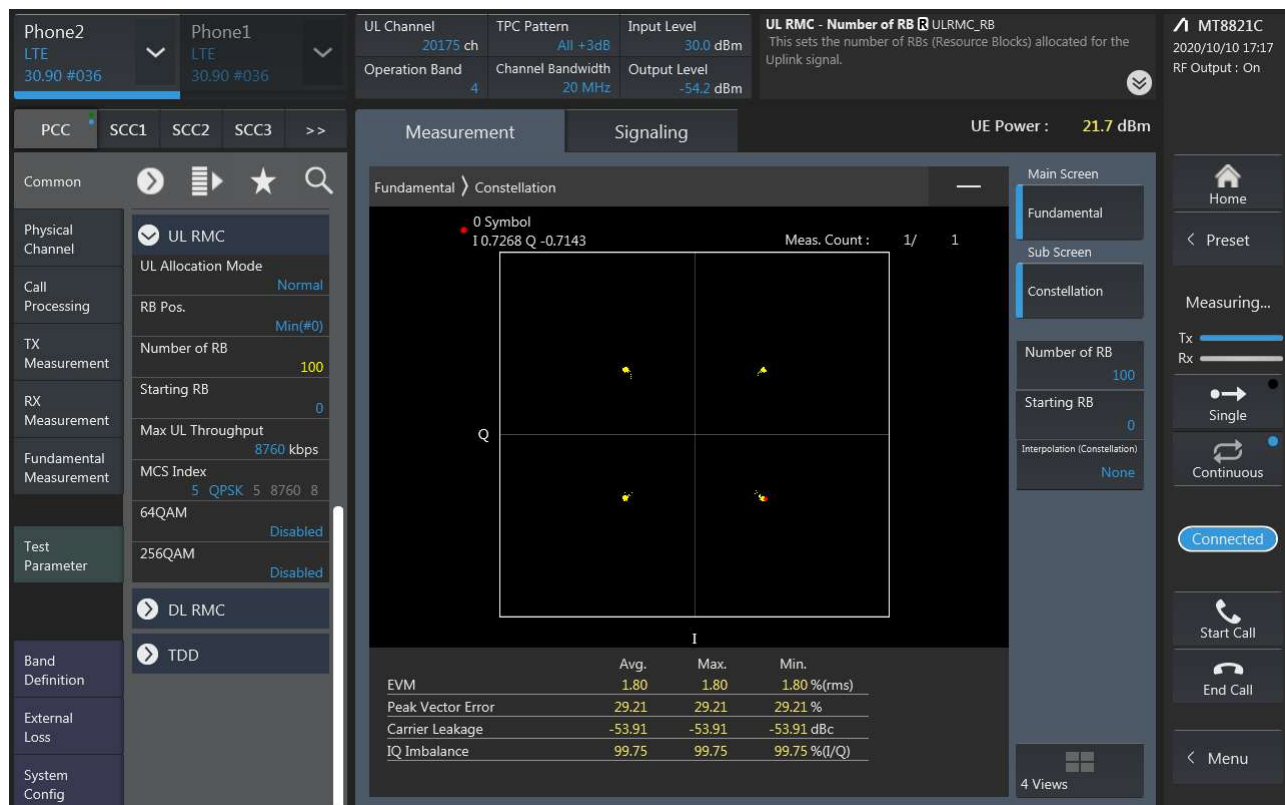




### 3 Modulation Characteristics

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

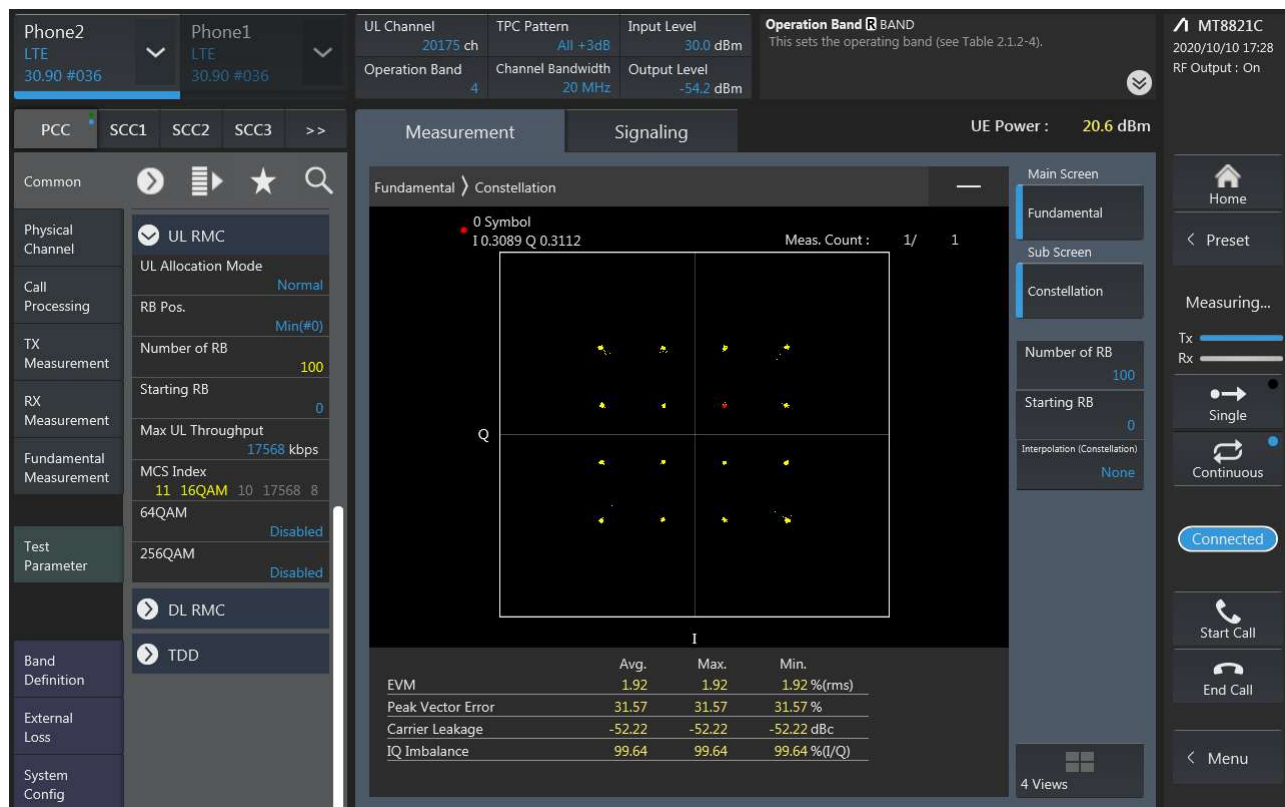
##### 3.1.1 Test Channel = MCH





## 3.2 Test Mode = LTE /TM2 20MHz

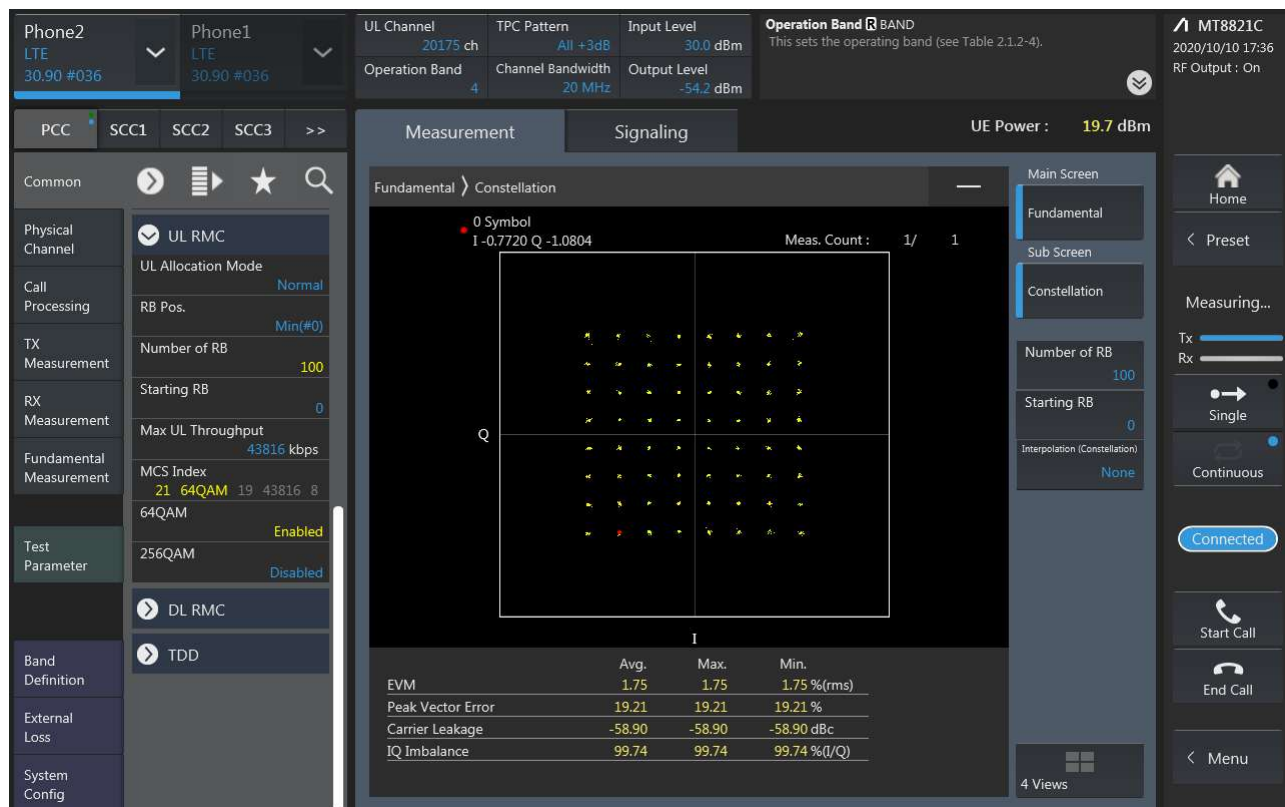
### 3.2.1 Test Channel = MCH





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

#### 3.3.1 Test Channel = MCH





## 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            | 1.091                    | 1.293                | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 1.091                    | 1.275                | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 1.091                    | 1.296                | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 1.091                    | 1.287                | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 1.094                    | 1.278                | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | 1.088                    | 1.290                | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 19957   | 6RB#0            | 1.1                      | 1.299                | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 20175   | 6RB#0            | 1.097                    | 1.311                | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 20393   | 6RB#0            | 1.094                    | 1.296                | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | 2.691                    | 2.994                | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 15RB#0           | 2.691                    | 2.994                | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 15RB#0           | 2.691                    | 2.994                | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 15RB#0           | 2.685                    | 2.976                | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 15RB#0           | 2.685                    | 2.976                | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 15RB#0           | 2.691                    | 2.976                | PASS    |
| Band4 | 3MHz      | 64QAM      | 19965   | 15RB#0           | 2.691                    | 2.976                | PASS    |
| Band4 | 3MHz      | 64QAM      | 20175   | 15RB#0           | 2.691                    | 2.976                | PASS    |
| Band4 | 3MHz      | 64QAM      | 20385   | 15RB#0           | 2.691                    | 2.970                | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 25RB#0           | 4.476                    | 4.930                | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 25RB#0           | 4.476                    | 4.930                | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 25RB#0           | 4.476                    | 4.930                | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 25RB#0           | 4.486                    | 4.950                | PASS    |
| Band4 | 5MHz      | 16QAM      | 20175   | 25RB#0           | 4.486                    | 4.940                | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 25RB#0           | 4.476                    | 4.940                | PASS    |
| Band4 | 5MHz      | 64QAM      | 19975   | 25RB#0           | 4.476                    | 4.920                | PASS    |
| Band4 | 5MHz      | 64QAM      | 20175   | 25RB#0           | 4.476                    | 4.930                | PASS    |
| Band4 | 5MHz      | 64QAM      | 20375   | 25RB#0           | 4.476                    | 4.920                | PASS    |
| Band4 | 10MHz     | QPSK       | 20000   | 50RB#0           | 8.911                    | 9.680                | PASS    |
| Band4 | 10MHz     | QPSK       | 20175   | 50RB#0           | 8.931                    | 9.720                | PASS    |
| Band4 | 10MHz     | QPSK       | 20350   | 50RB#0           | 8.911                    | 9.740                | PASS    |
| Band4 | 10MHz     | 16QAM      | 20000   | 50RB#0           | 8.911                    | 9.720                | PASS    |



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|       |       |       |       |         |        |        |      |
|-------|-------|-------|-------|---------|--------|--------|------|
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0  | 8.911  | 9.700  | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0  | 8.931  | 9.720  | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 50RB#0  | 8.911  | 9.660  | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 50RB#0  | 8.931  | 9.700  | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 50RB#0  | 8.931  | 9.660  | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0  | 13.487 | 14.670 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | 13.427 | 14.670 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | 13.457 | 14.760 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | 13.457 | 14.730 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | 13.427 | 14.550 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | 13.457 | 14.760 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 75RB#0  | 13.457 | 14.820 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 75RB#0  | 13.457 | 14.910 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 75RB#0  | 13.427 | 14.760 | 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 | 16QAM | 20050 | 100RB#0 | 17.902 | 19.480 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 17.862 | 19.360 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 17.902 | 19.480 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | 17.862 | 19.360 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | 17.862 | 19.360 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | 17.862 | 19.400 | PASS |



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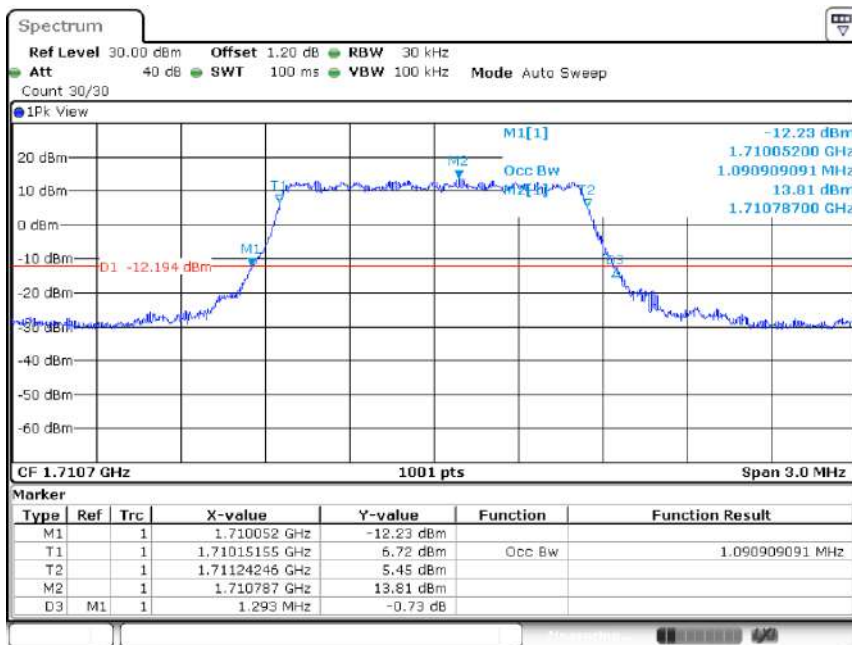
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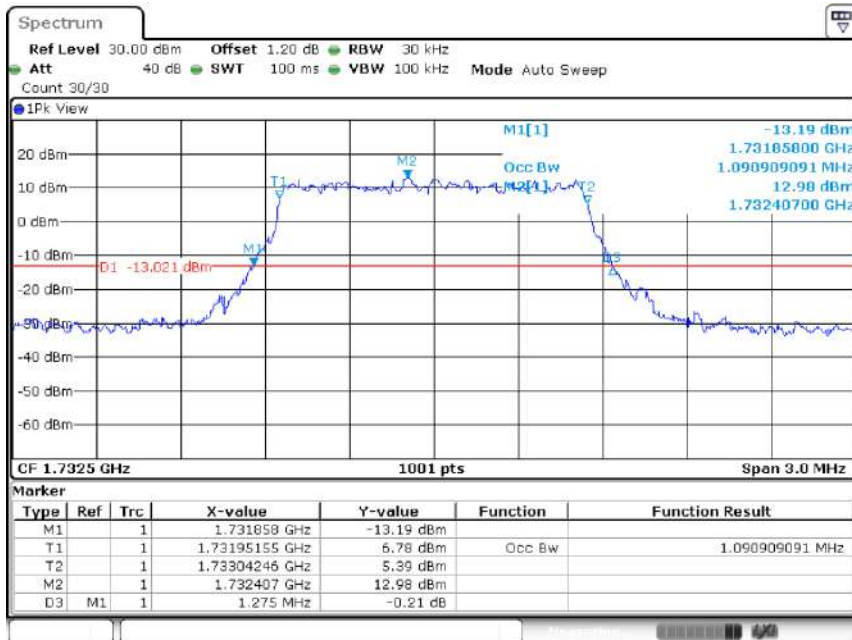
## 4.2 Test Plots

Band4-1.4MHz-QPSK-19957-6RB#0-1.091



Date: 15.OCT.2020 11:39:06

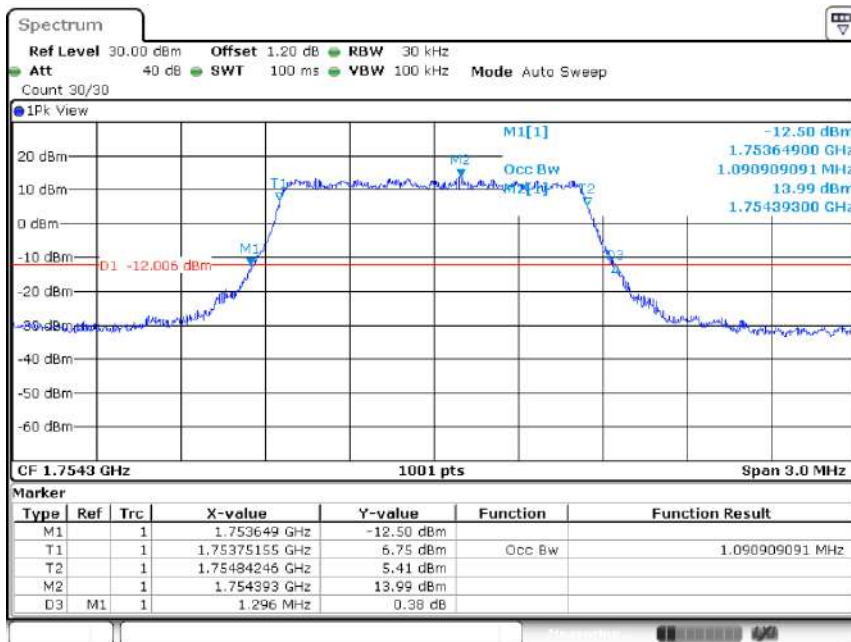
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Date: 15.OCT.2020 11:39:38

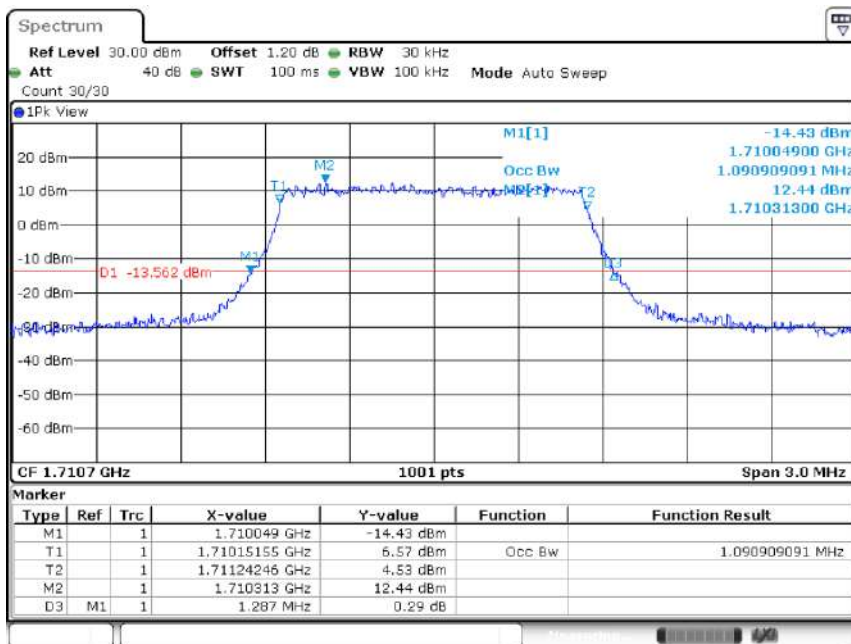


## Band4-1.4MHz-QPSK-20393-6RB#0-1.091



Date: 15.OCT.2020 11:40:10

## Band4-1.4MHz-16QAM-19957-6RB#0-1.091



Date: 15.OCT.2020 11:39:22

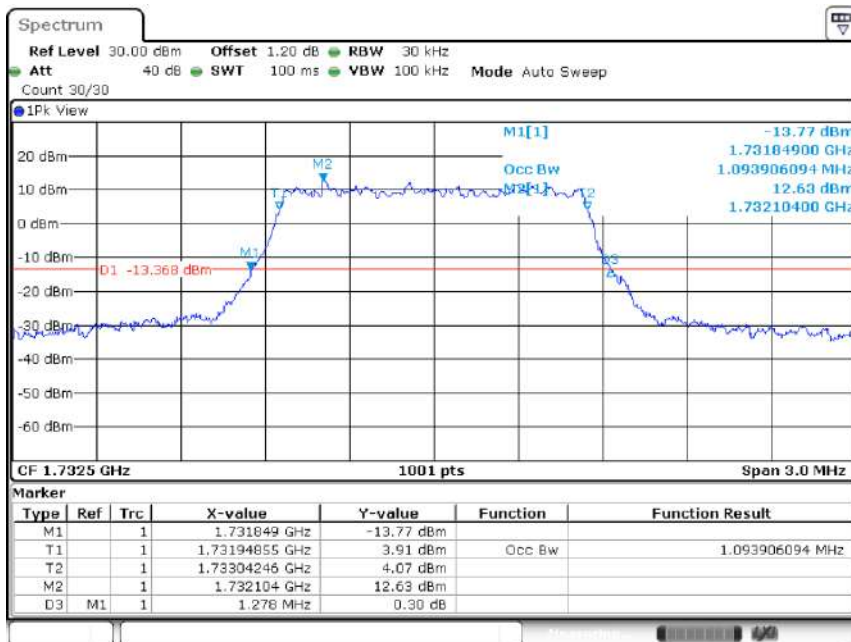


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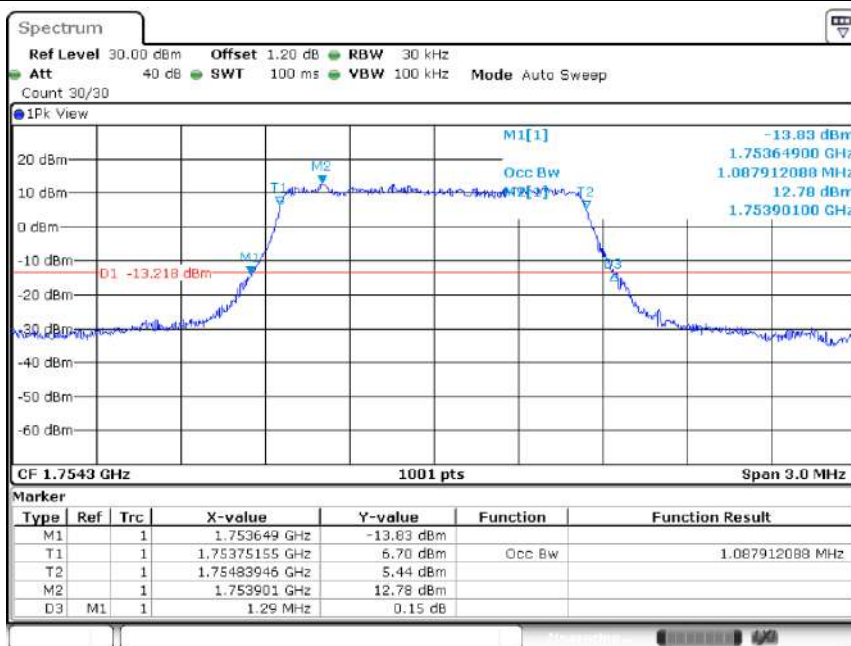
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## Band4-1.4MHz-16QAM-20175-6RB#0-1.094



Date: 15.OCT.2020 11:39:54

## Band4-1.4MHz-16QAM-20393-6RB#0-1.088



Date: 15.OCT.2020 11:40:26



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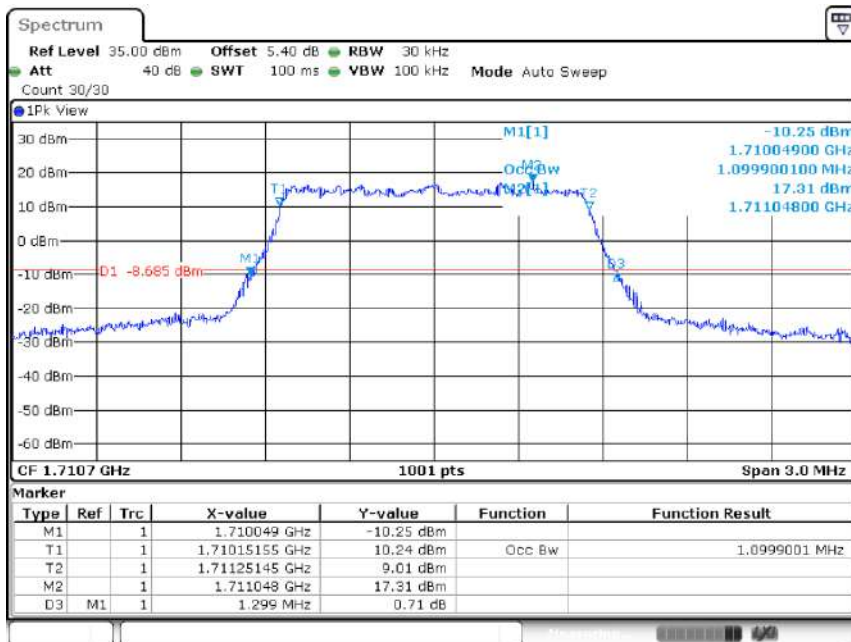
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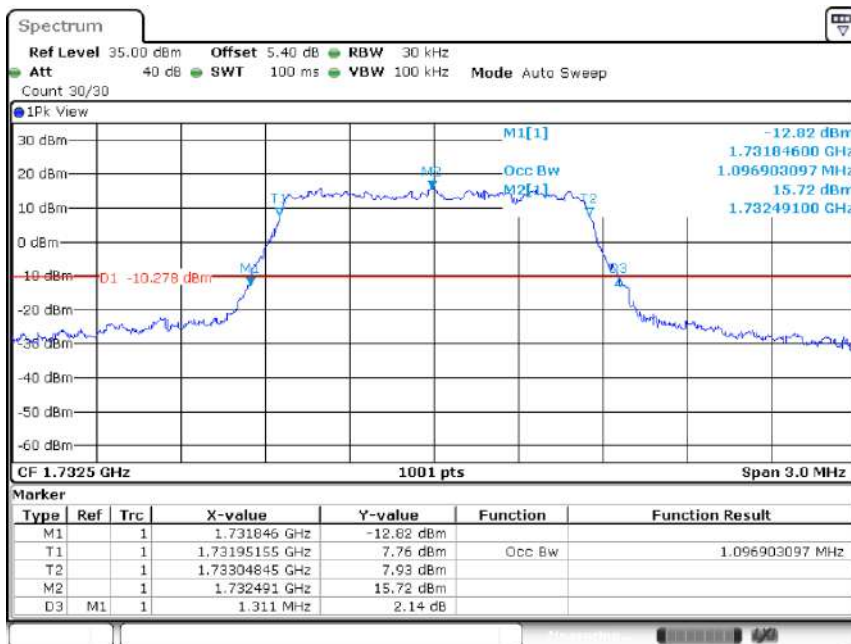
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## Band4-1.4MHz-64QAM-19957-6RB#0-1.1



Date: 14.OCT.2020 10:36:09

## Band4-1.4MHz-64QAM-20175-6RB#0-1.097



Date: 14.OCT.2020 10:36:25

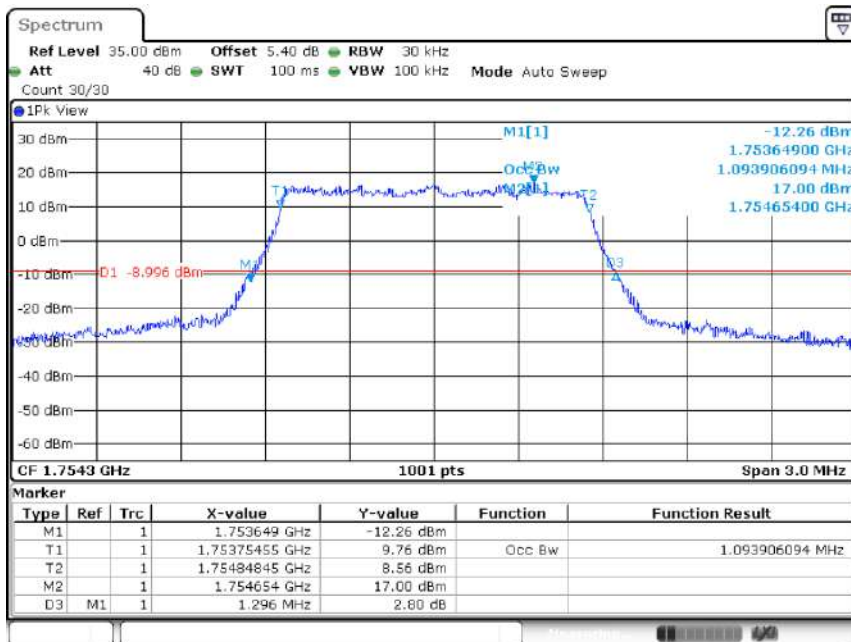


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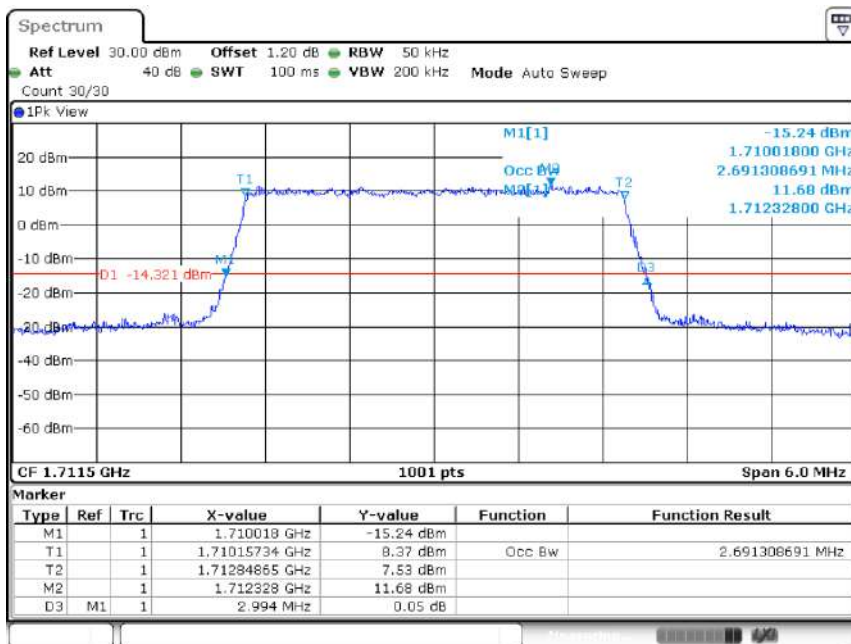
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### Band4-1.4MHz-64QAM-20393-6RB#0-1.094



Date: 14.OCT.2020 10:36:41

### Band4-3MHz-QPSK-19965-15RB#0-2.691



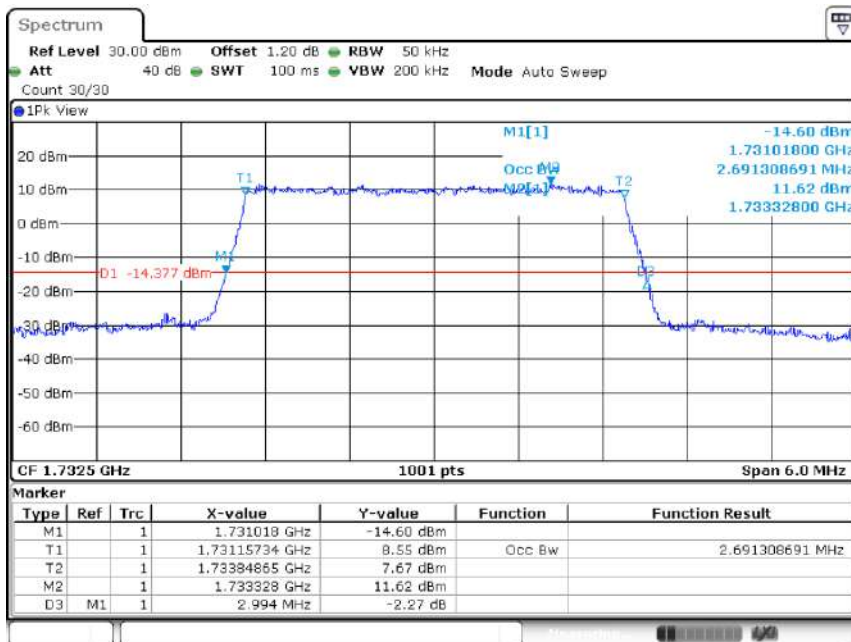
Date: 15.OCT.2020 11:40:48



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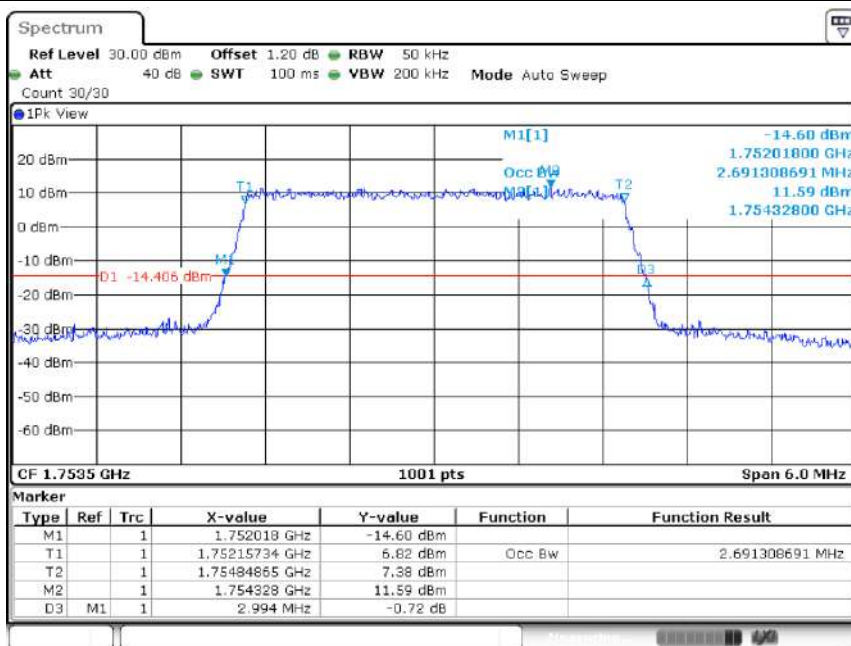
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## Band4-3MHz-QPSK-20175-15RB#0-2.691



Date: 15.OCT.2020 11:41:20

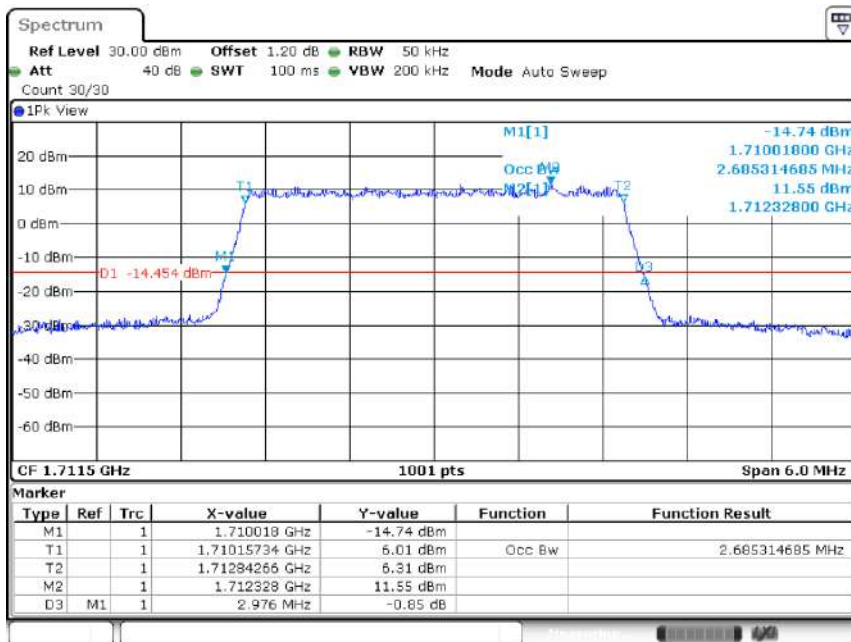
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Date: 15.OCT.2020 11:41:52

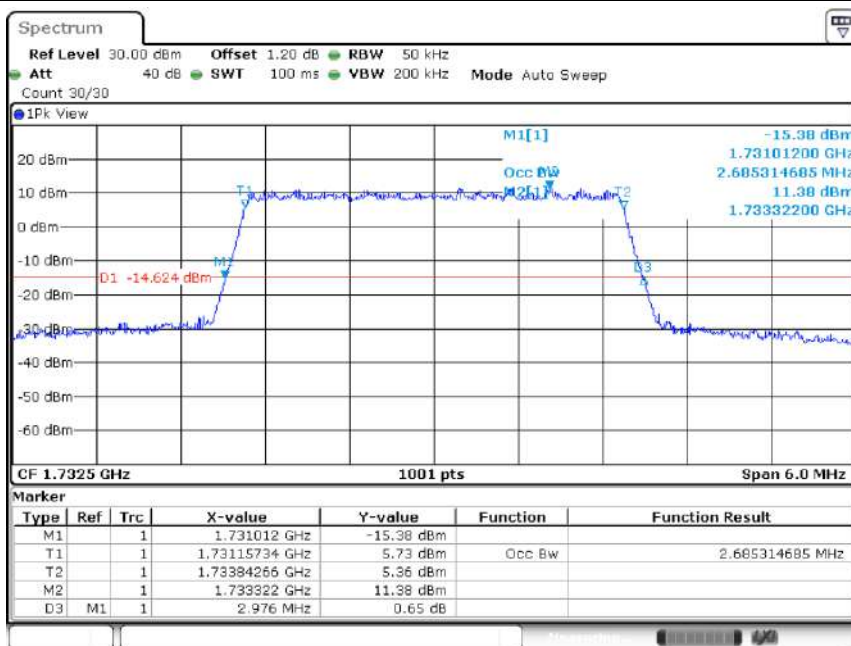


## Band4-3MHz-16QAM-19965-15RB#0-2.685



Date: 15.OCT.2020 11:41:04

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



Date: 15.OCT.2020 11:41:36



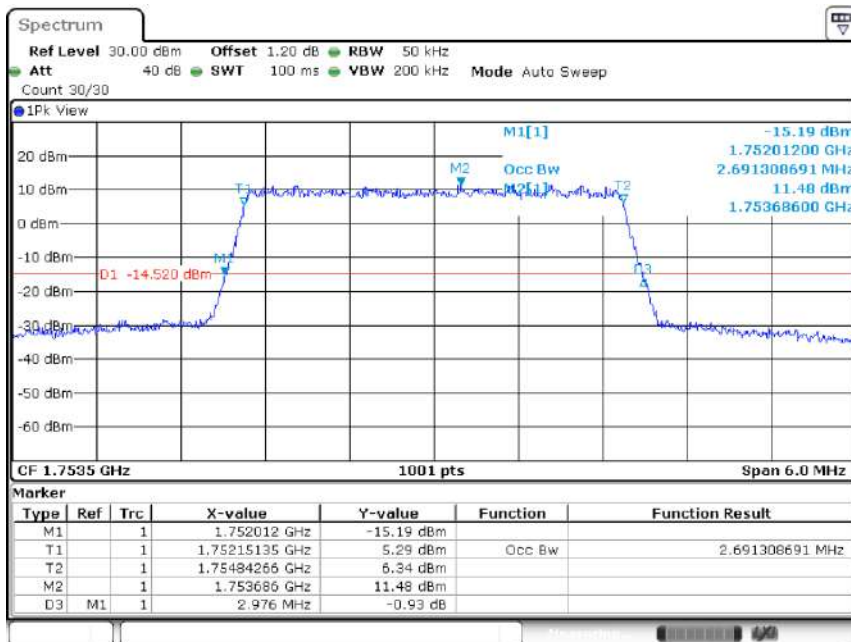
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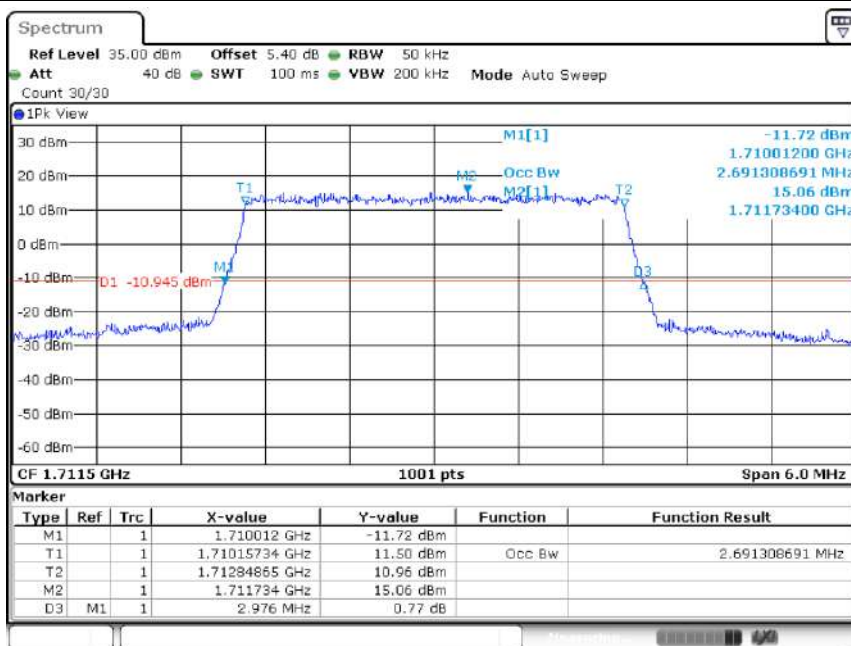
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## Band4-3MHz-16QAM-20385-15RB#0-2.691



Date: 15.OCT.2020 11:42:07

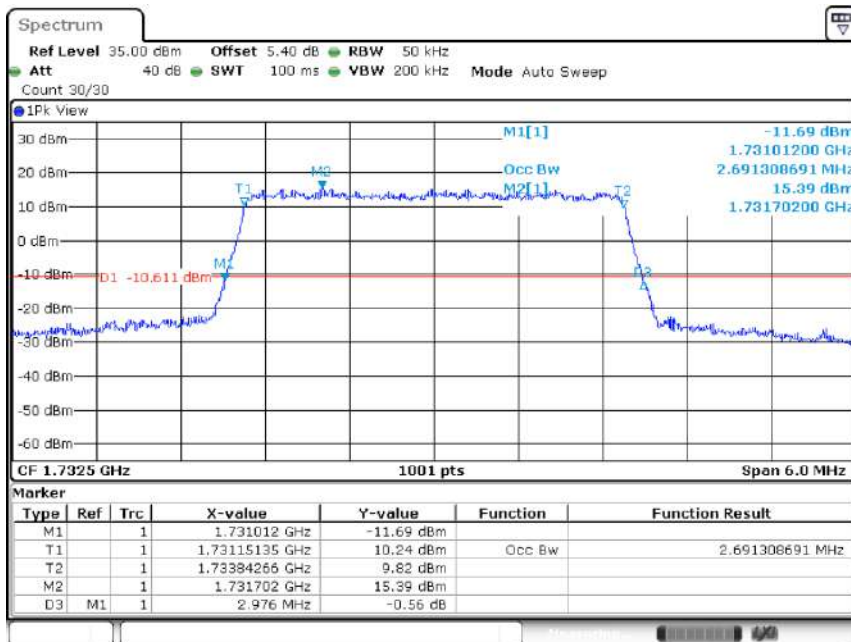
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Date: 14.OCT.2020 10:37:04

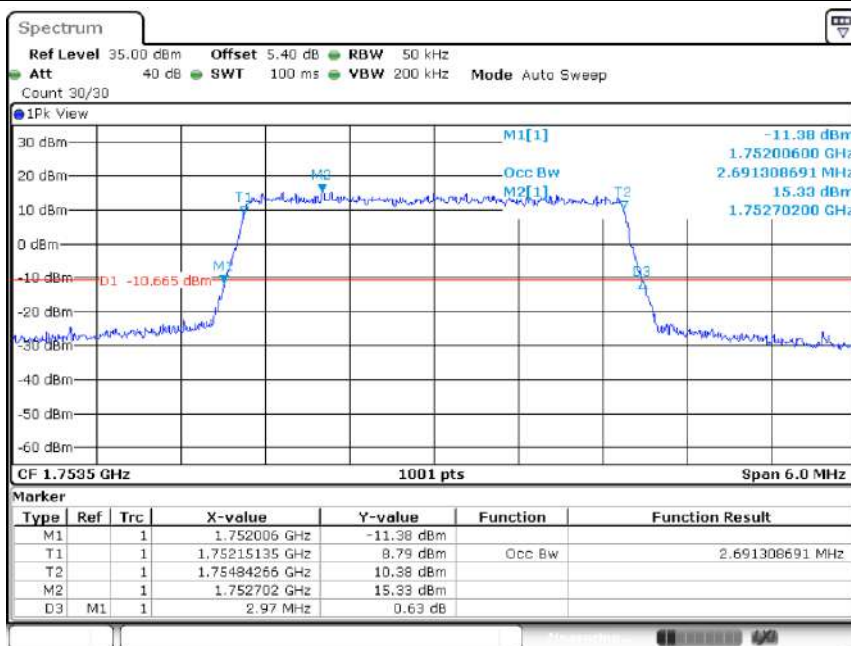


## Band4-3MHz-64QAM-20175-15RB#0-2.691



Date: 14.OCT.2020 10:37:20

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



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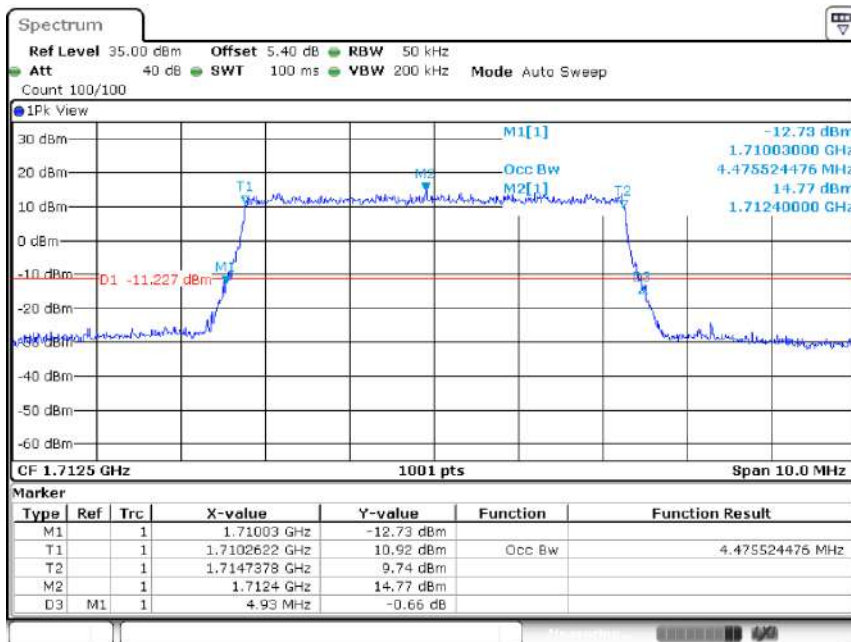
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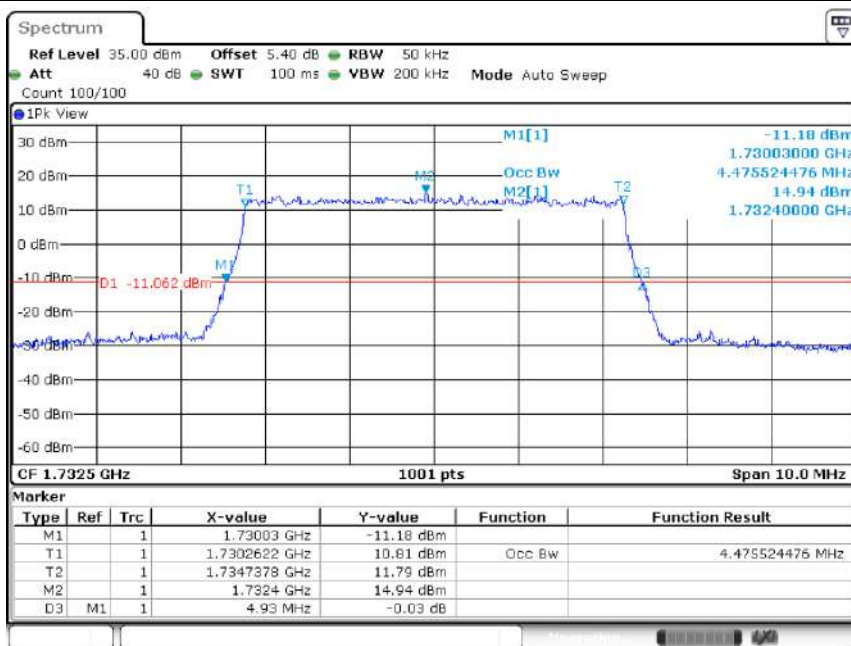
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## Band4-5MHz-QPSK-19975-25RB#0-4.476



Date: 11.OCT.2020 18:59:35

## Band4-5MHz-QPSK-20175-25RB#0-4.476



Date: 11.OCT.2020 19:00:23



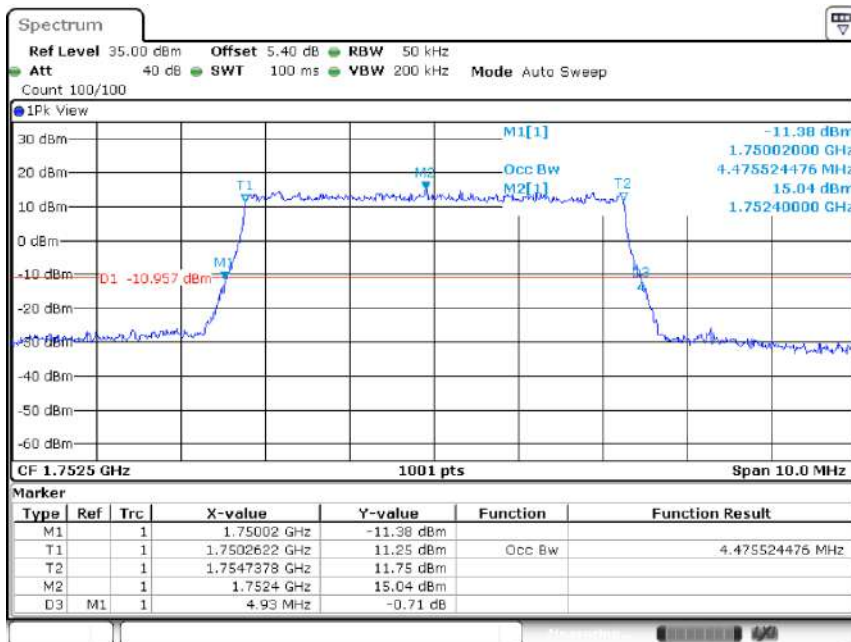
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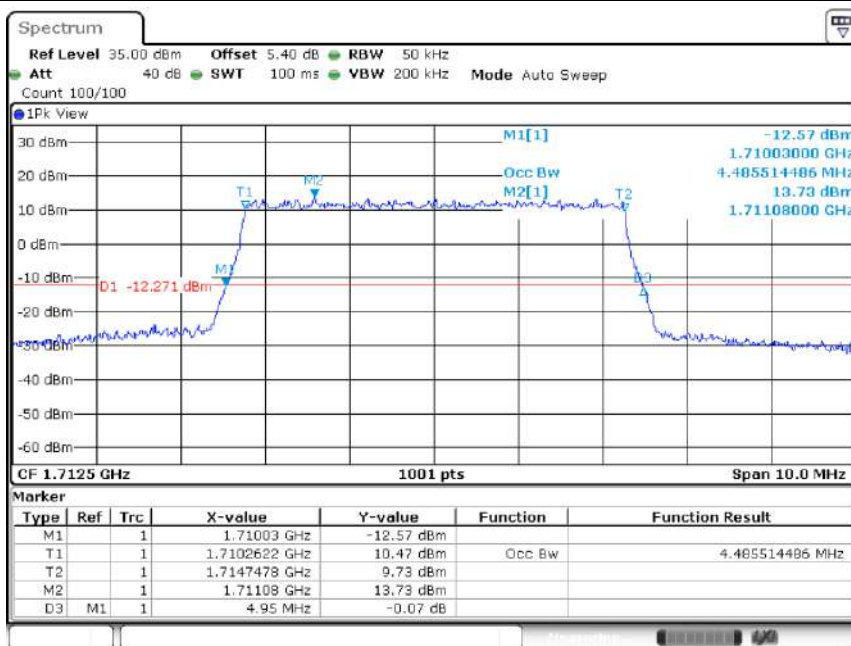
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## Band4-5MHz-QPSK-20375-25RB#0-4.476



Date: 11.OCT.2020 19:01:09

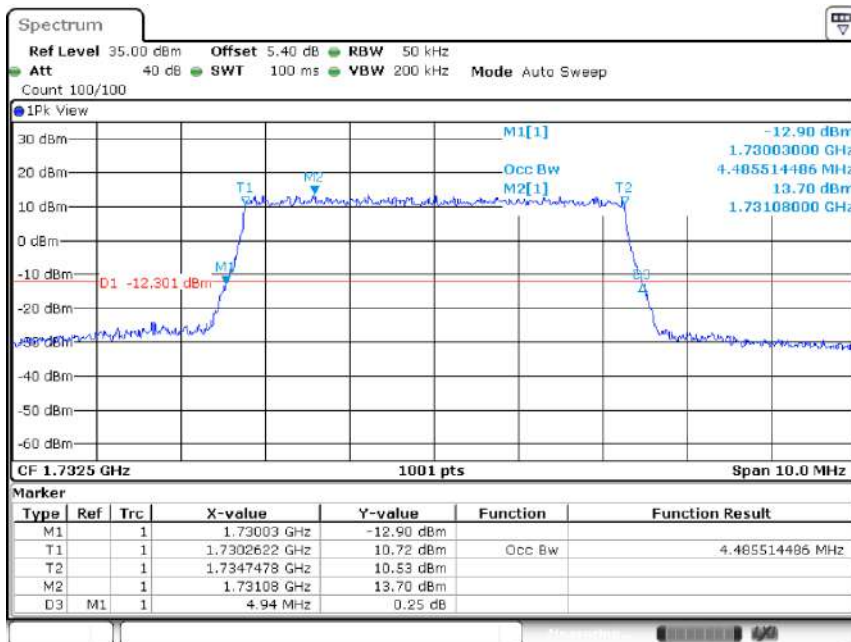
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Date: 11.OCT.2020 19:00:00

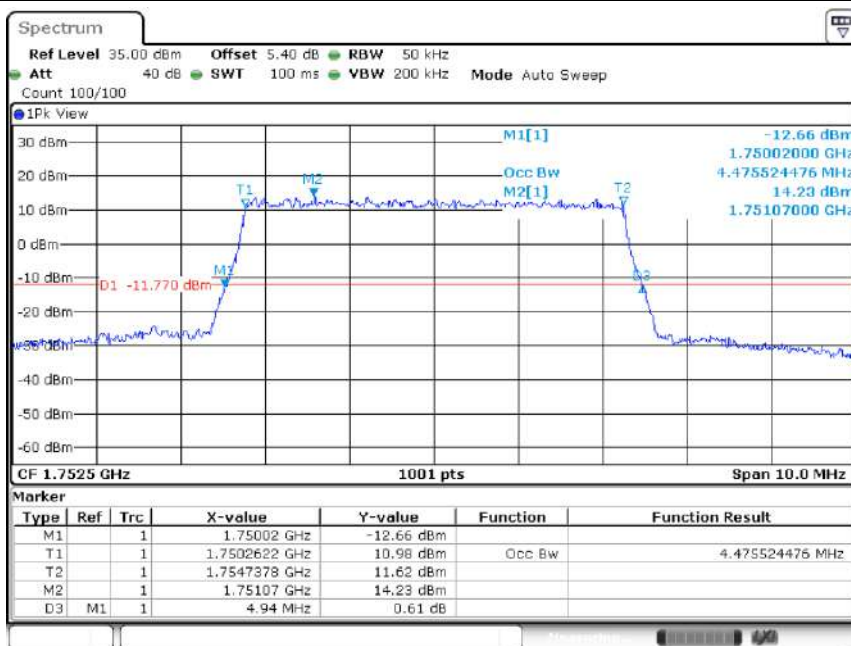


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Date: 11.OCT.2020 19:00:46

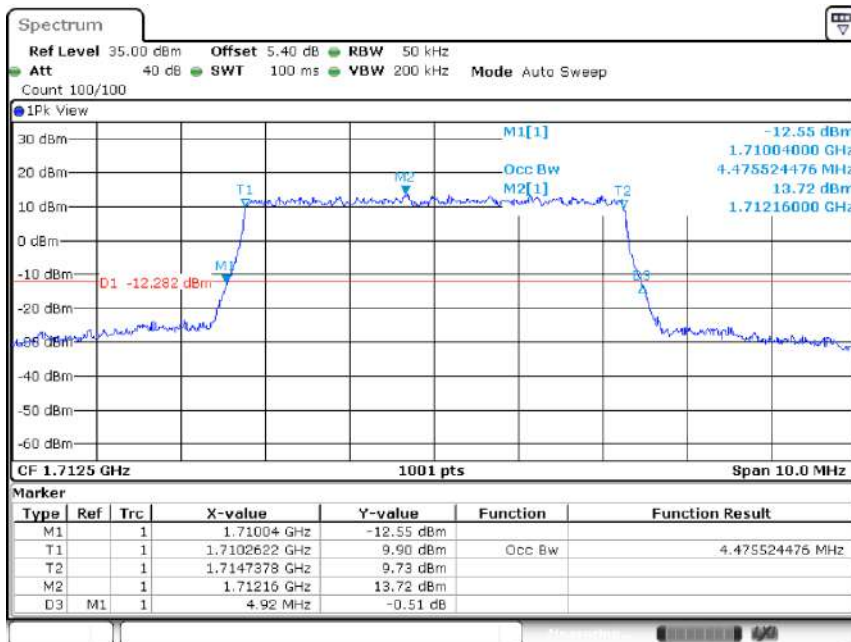
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Date: 11.OCT.2020 19:01:32

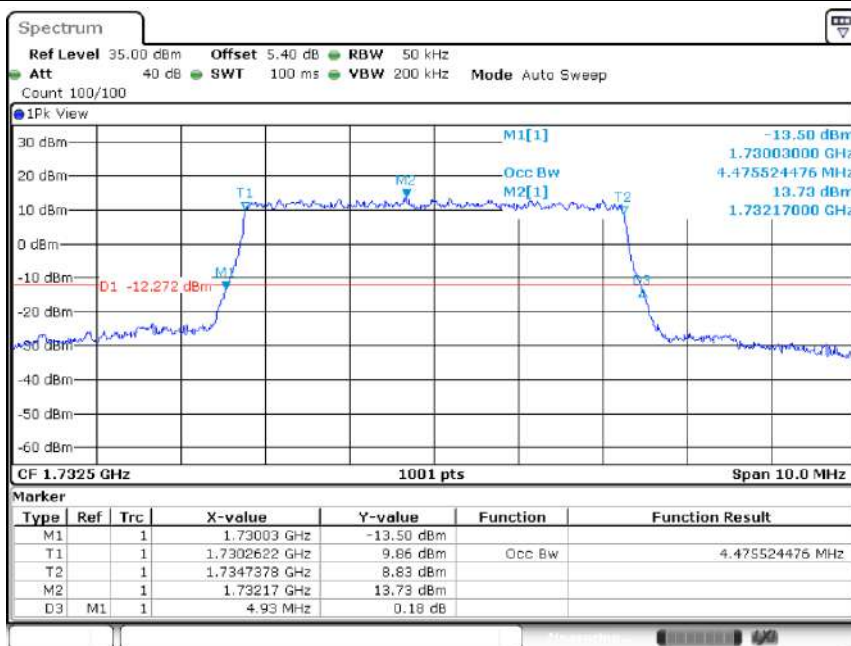


## Band4-5MHz-64QAM-19975-25RB#0-4.476



Date: 14.OCT.2020 10:38:07

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



Date: 14.OCT.2020 10:38:30



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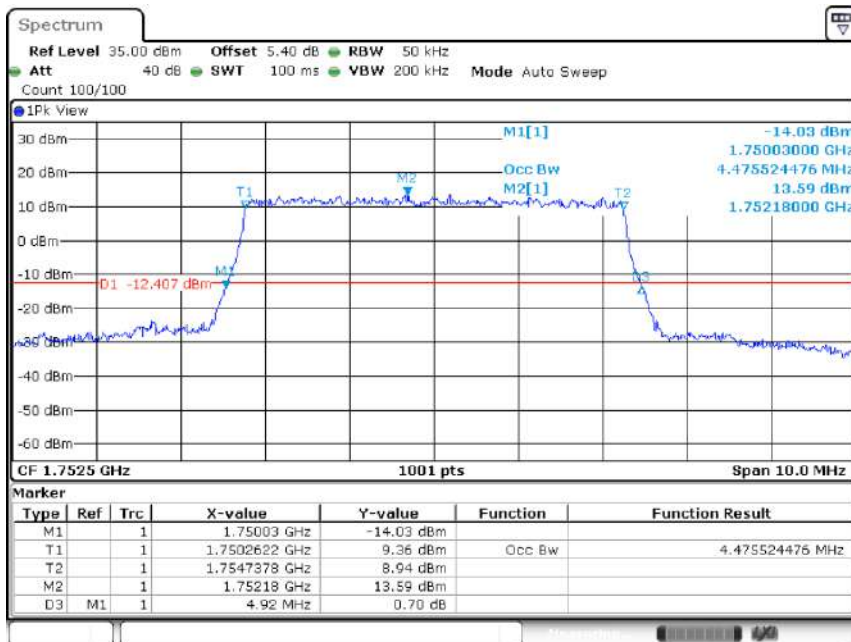
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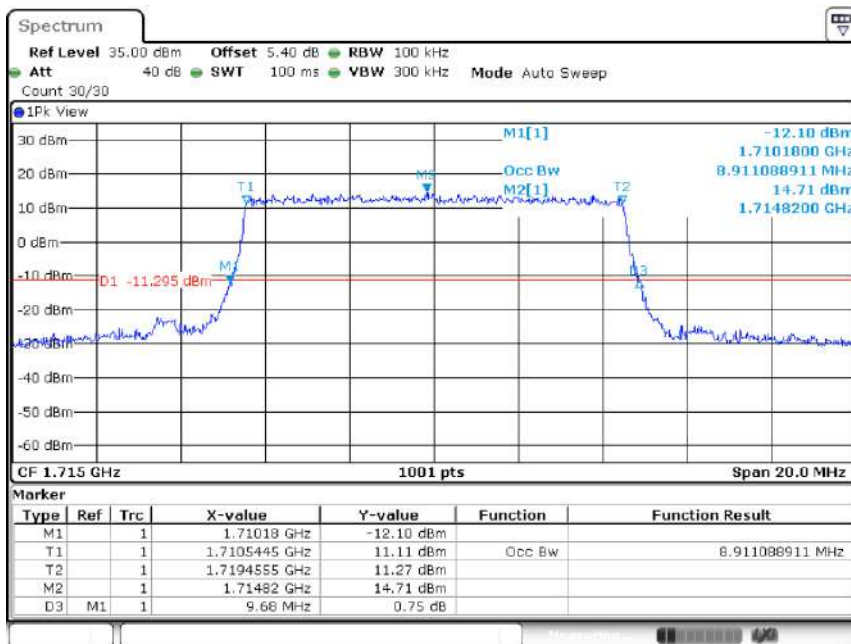
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Date: 14.OCT.2020 10:38:52

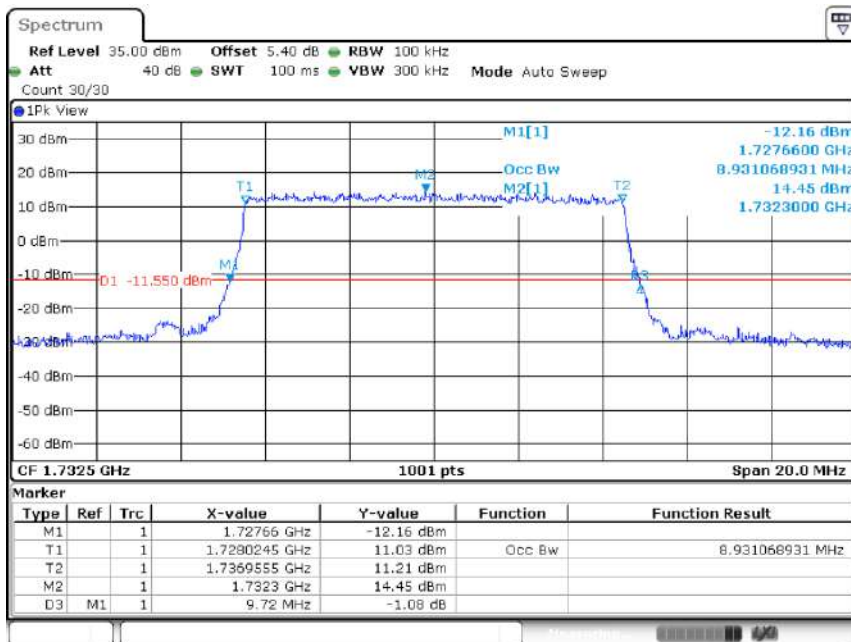
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Date: 11.OCT.2020 19:01:53

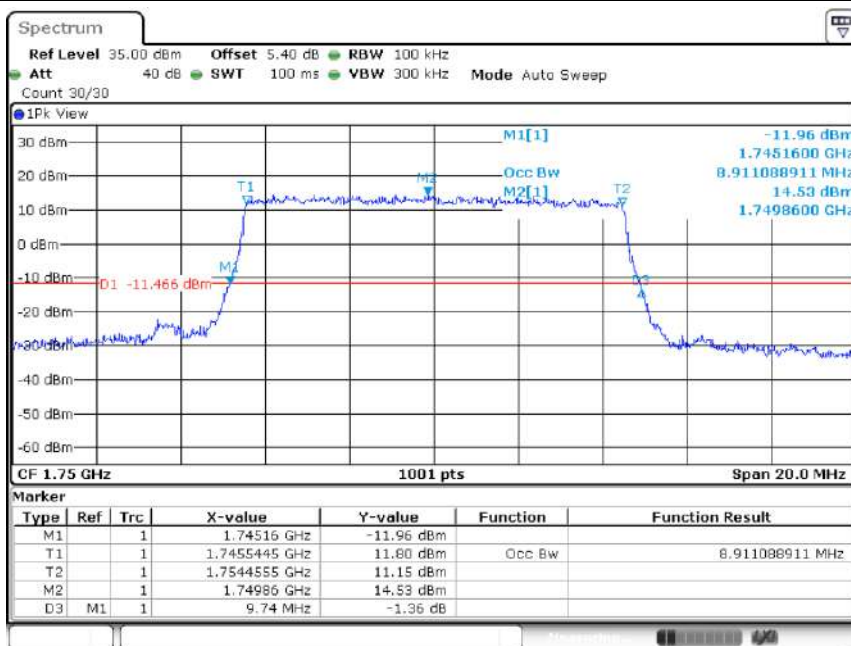


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Date: 11.OCT.2020 19:02:25

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Date: 11.OCT.2020 19:02:57



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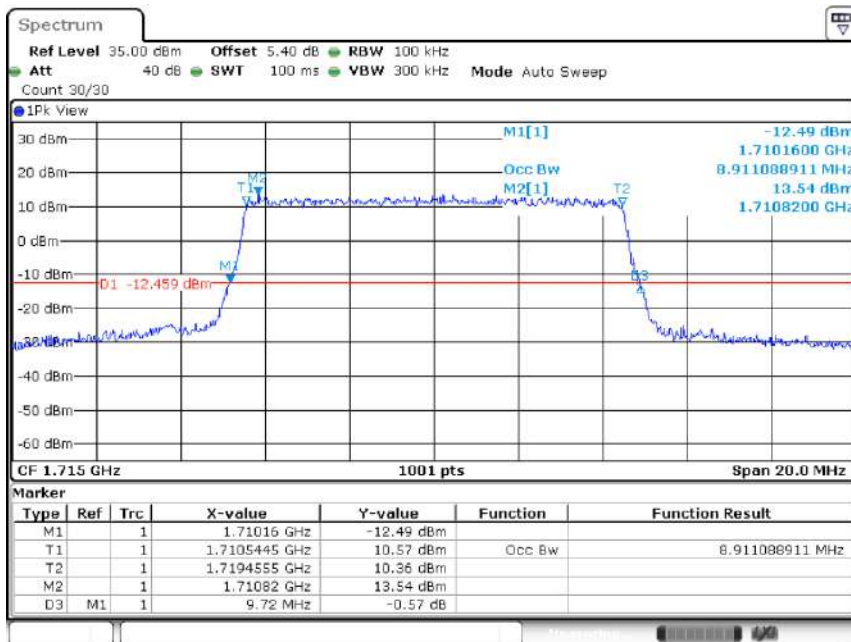
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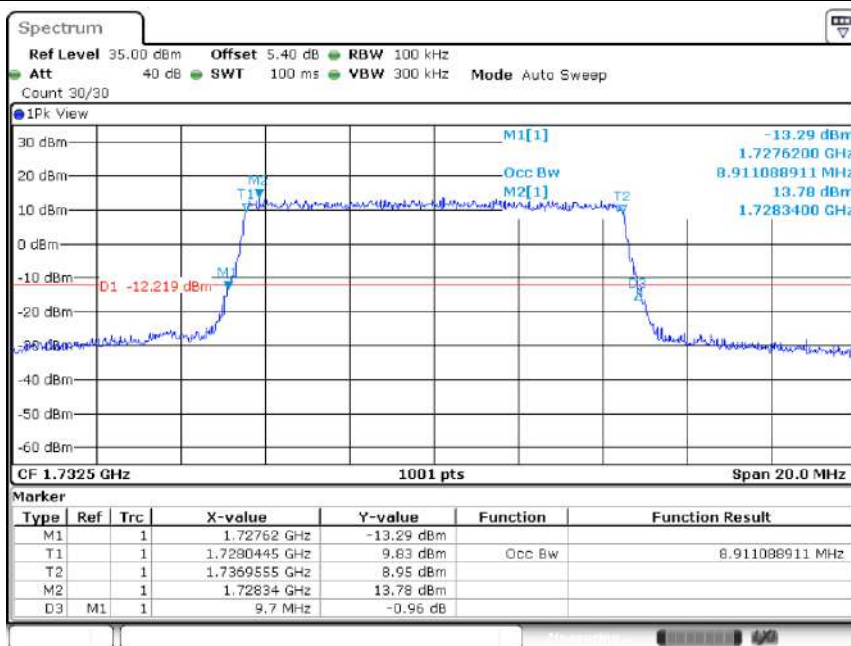
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## Band4-10MHz-16QAM-20000-50RB#0-8.911



Date: 11.OCT.2020 19:02:09

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



Date: 11.OCT.2020 19:02:41



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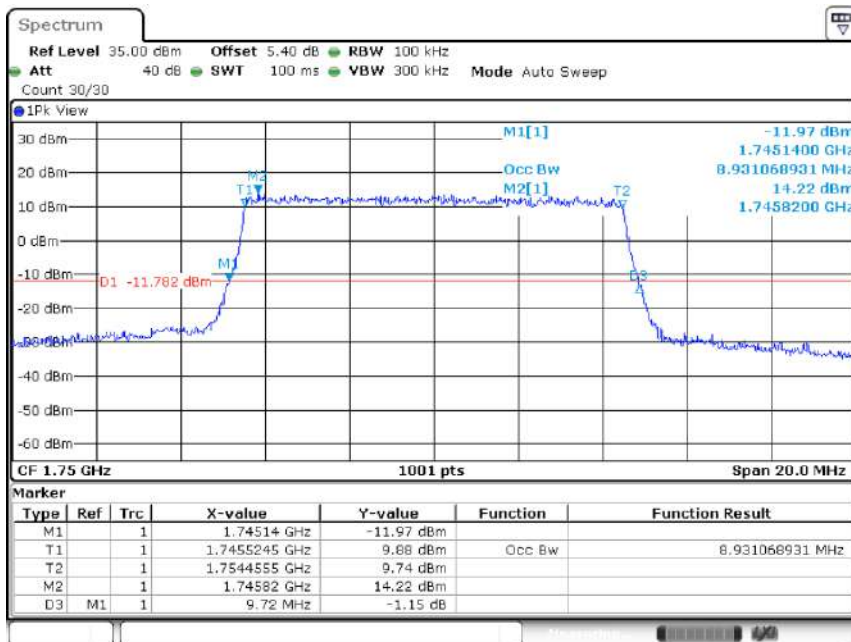
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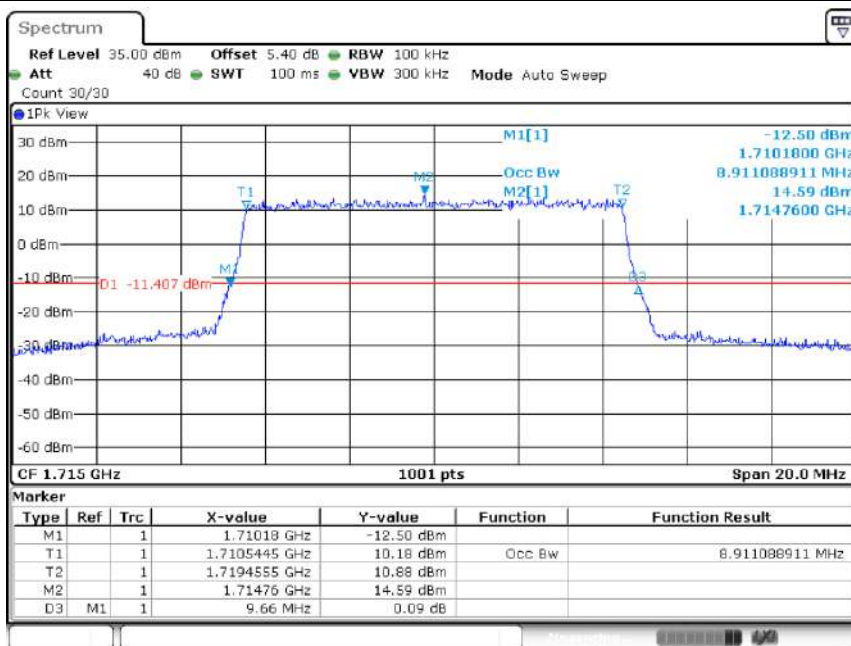
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[sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## Band4-10MHz-16QAM-20350-50RB#0-8.931



Date: 11.OCT.2020 19:03:12

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



Date: 14.OCT.2020 10:39:15



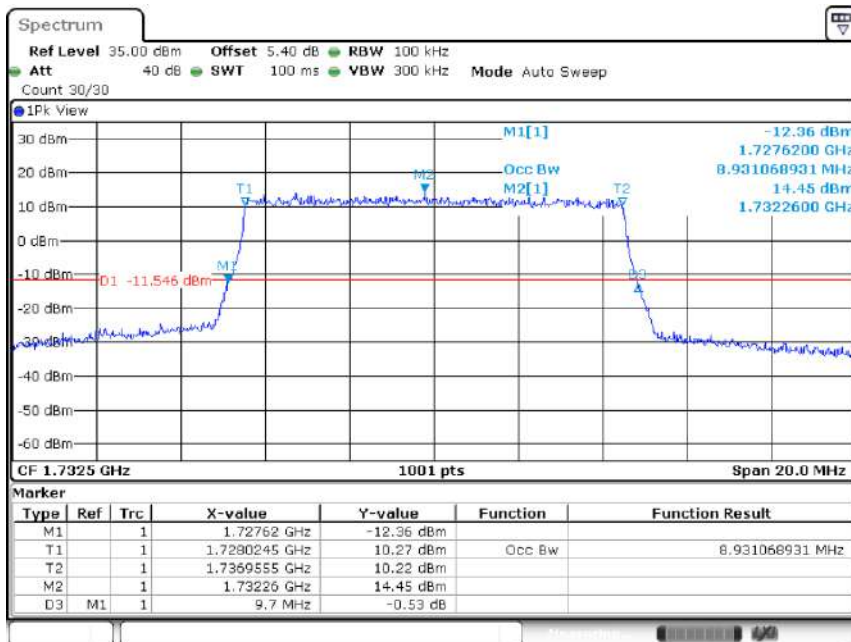
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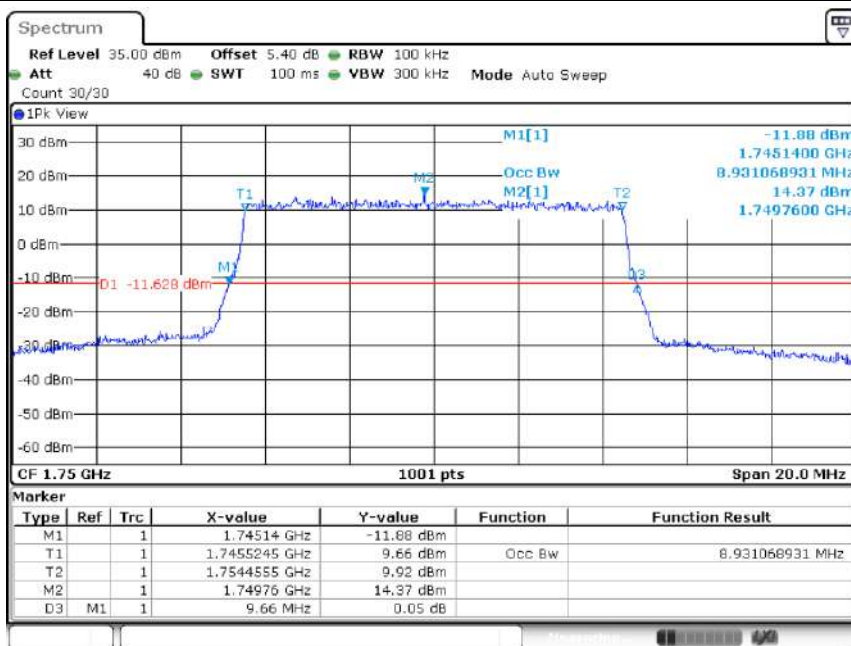
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## Band4-10MHz-64QAM-20175-50RB#0-8.931



Date: 14.OCT.2020 10:39:31

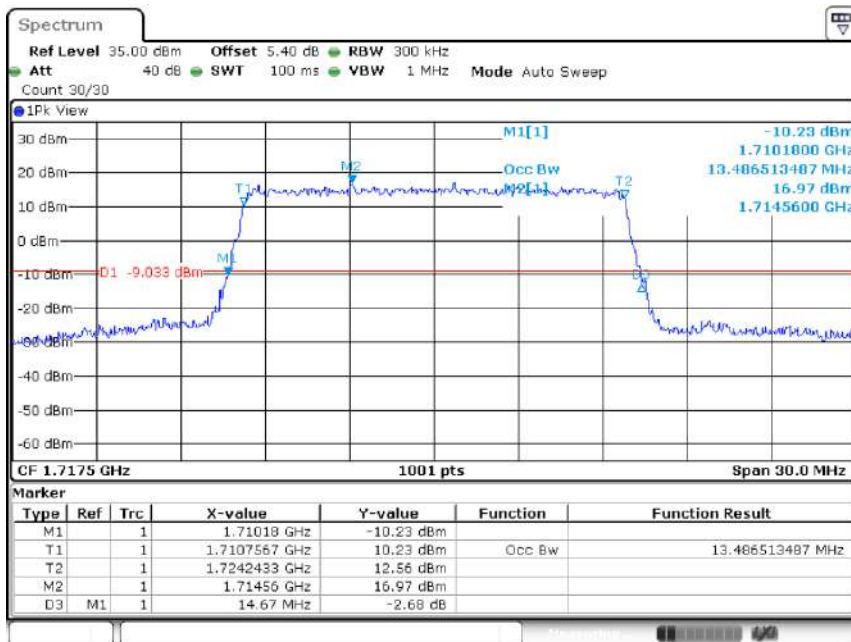
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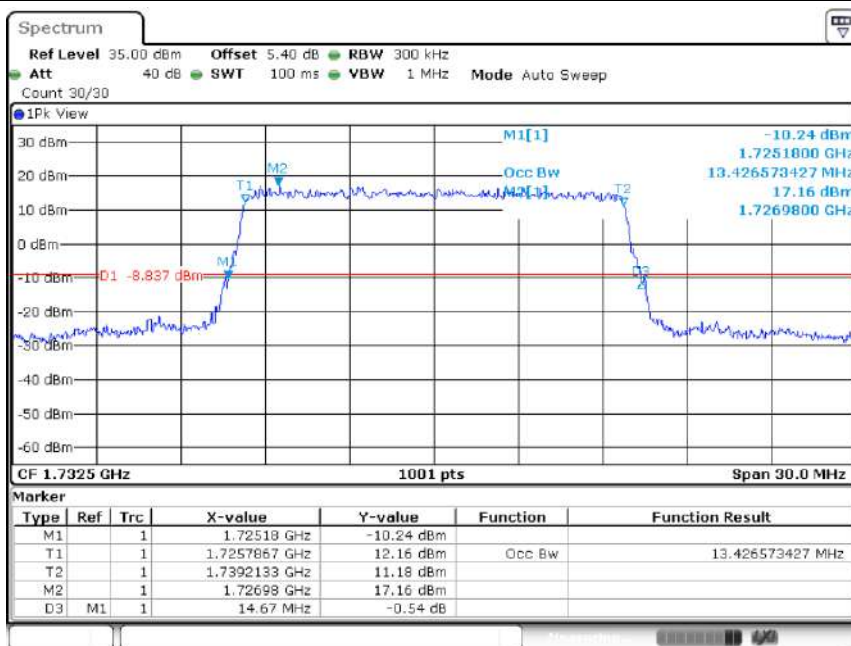


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Date: 11.OCT.2020 19:03:33

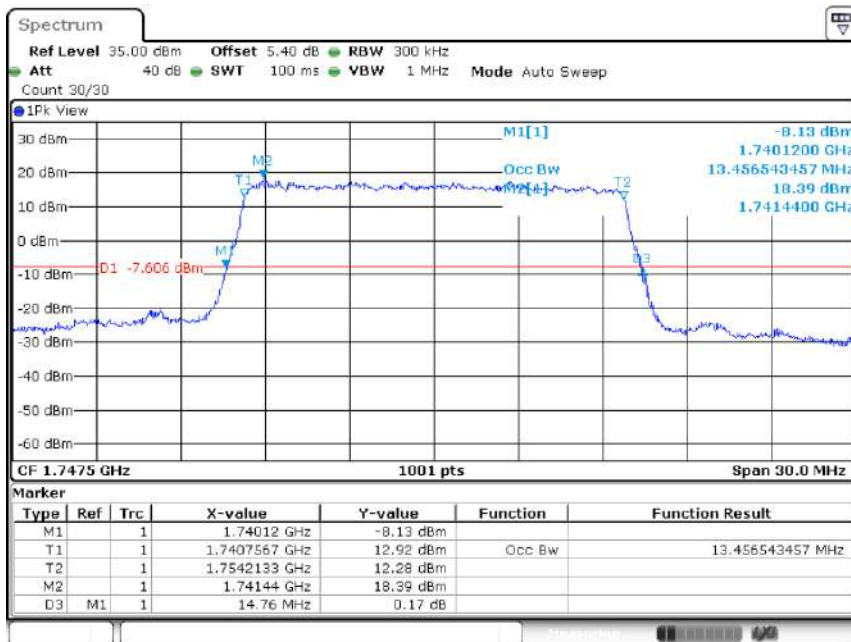
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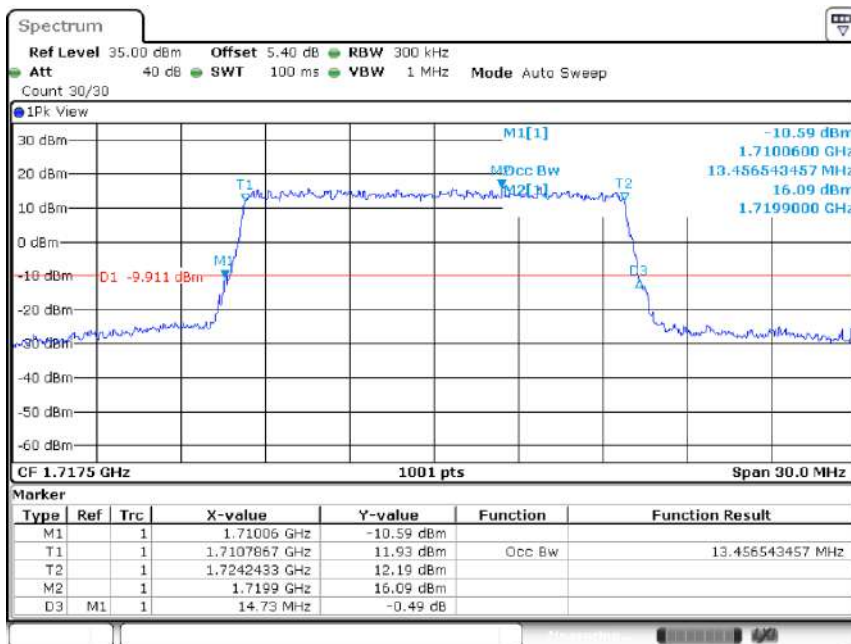


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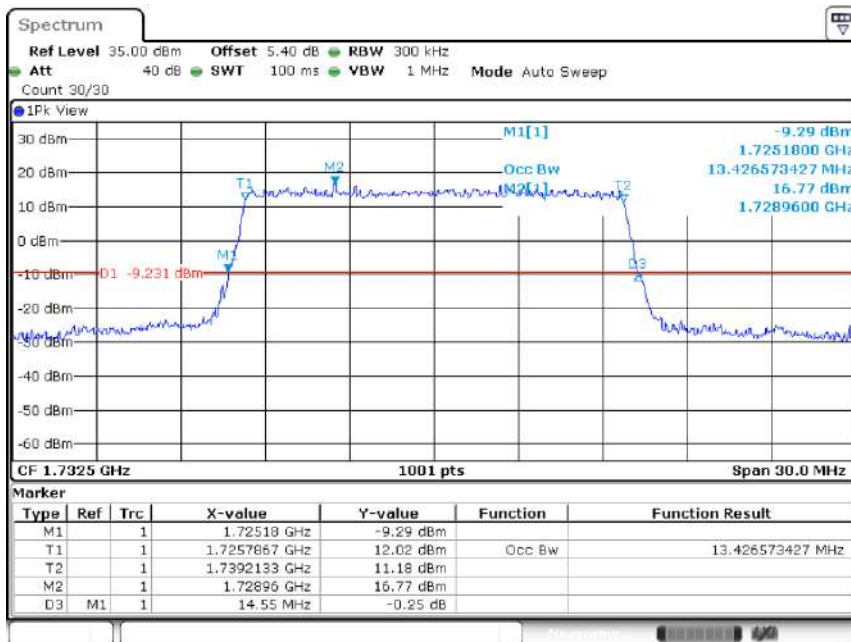
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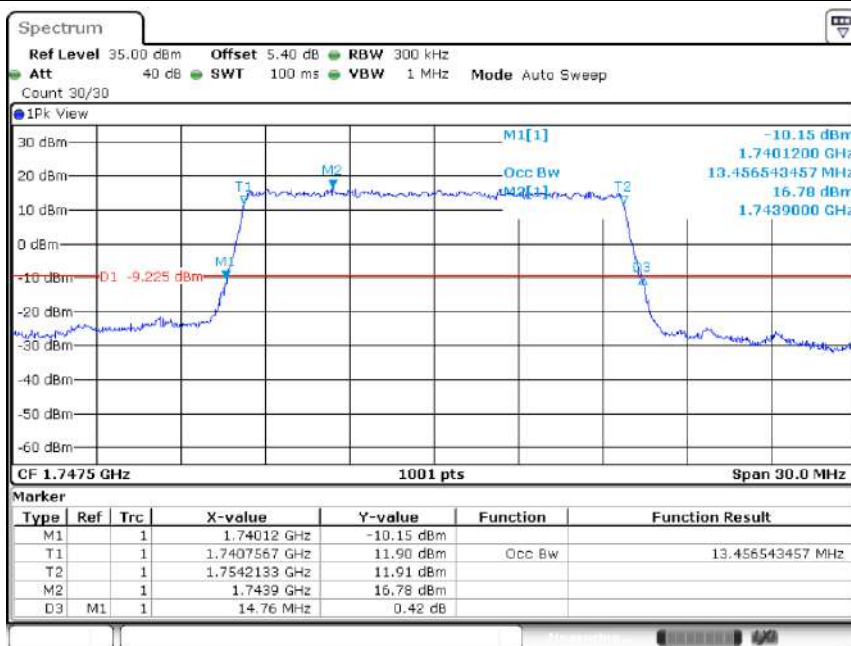


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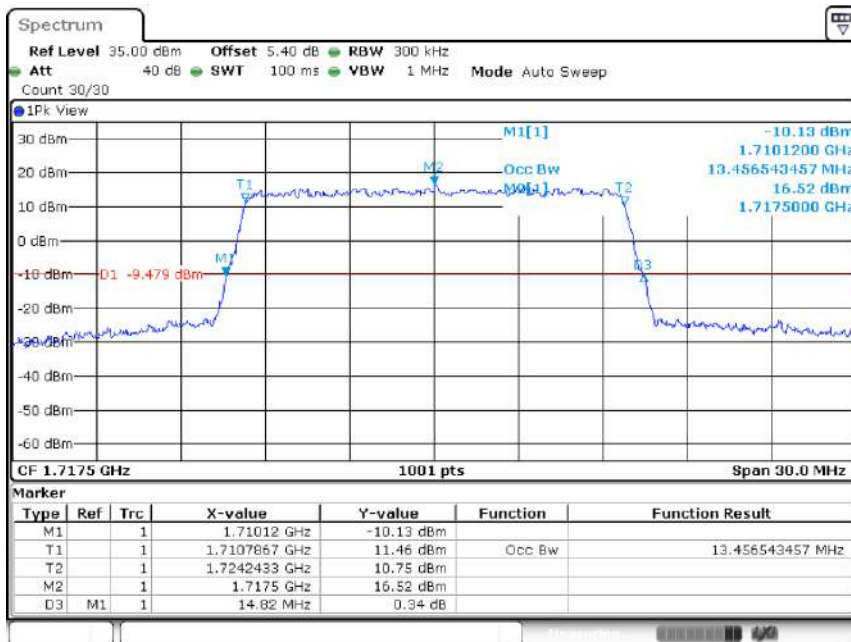
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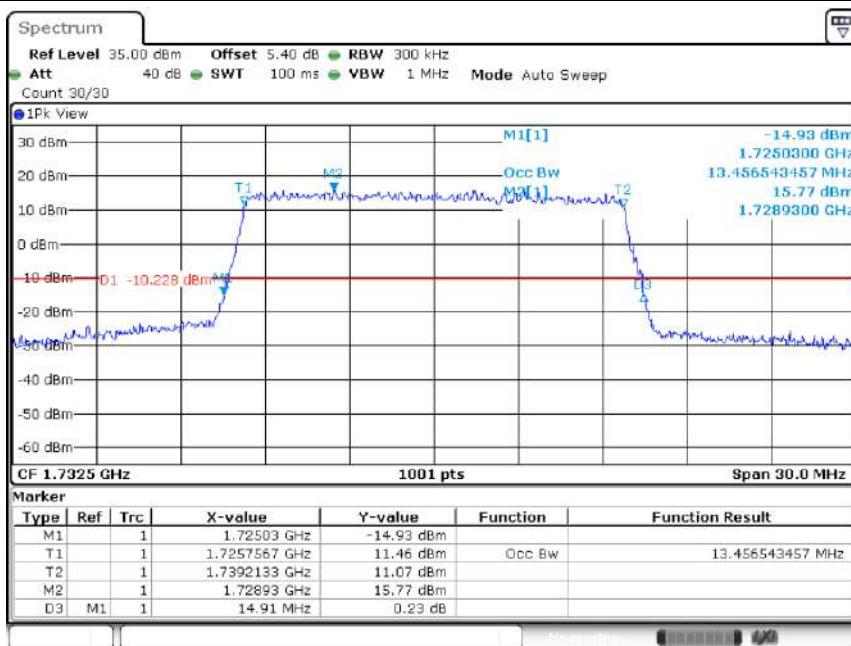


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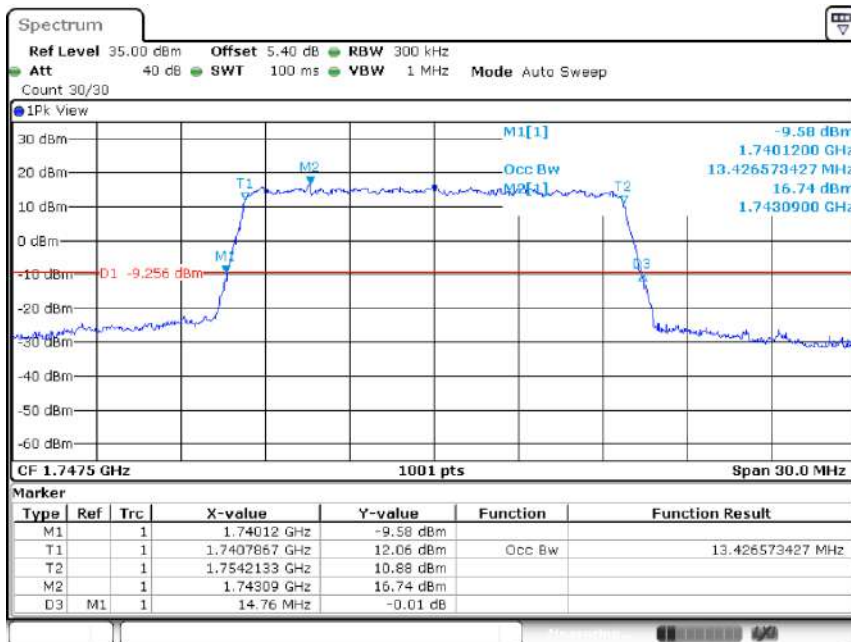
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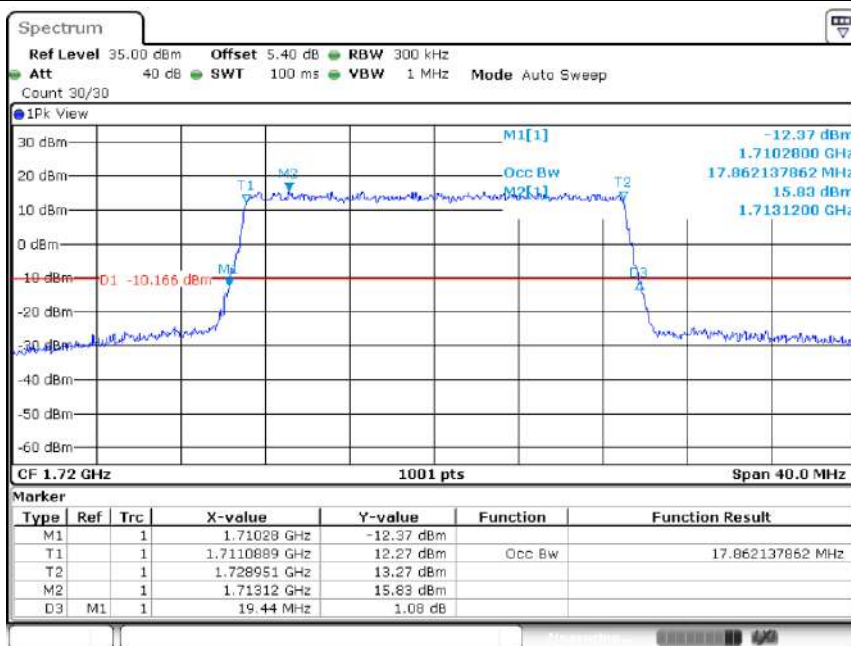


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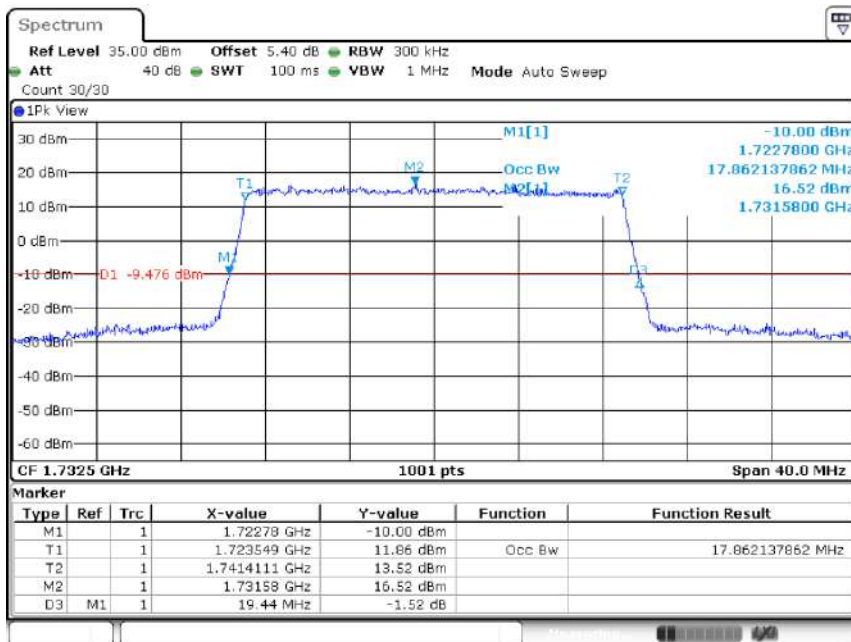
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Date: 11.OCT.2020 19:05:15

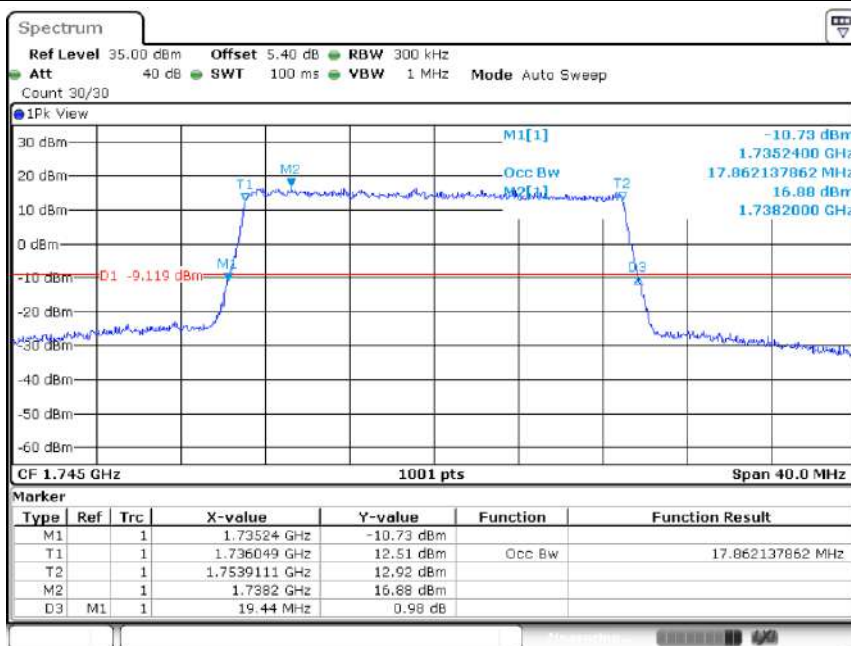


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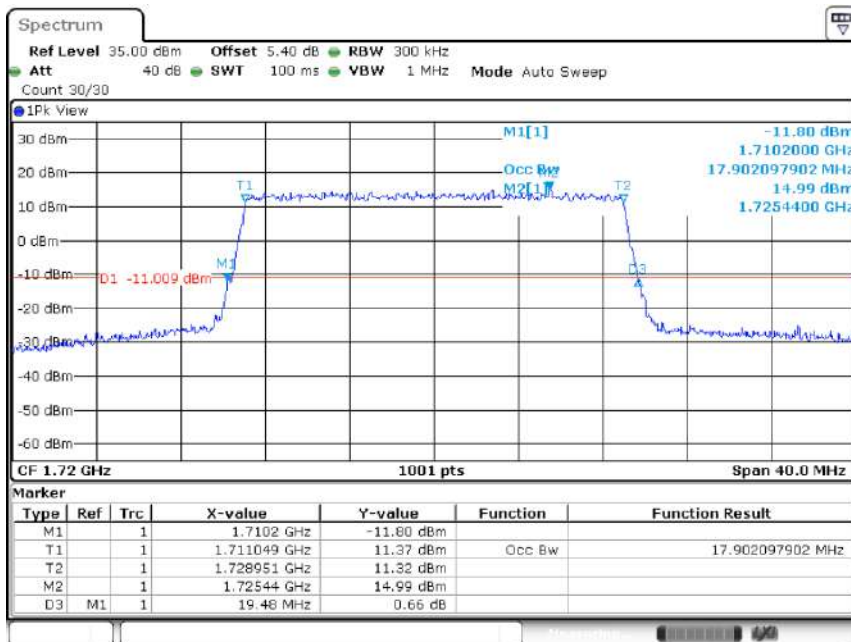
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Date: 11.OCT.2020 19:06:19

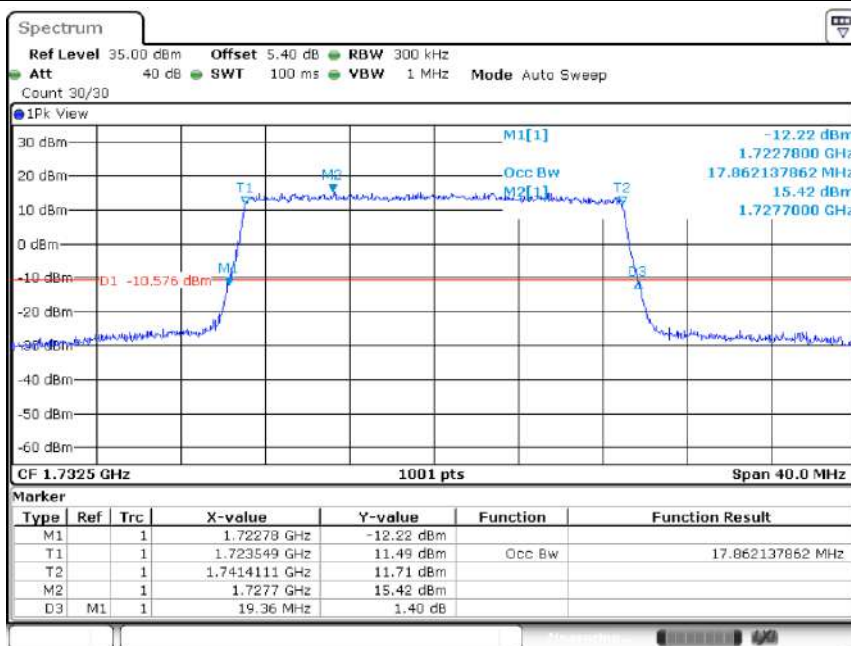


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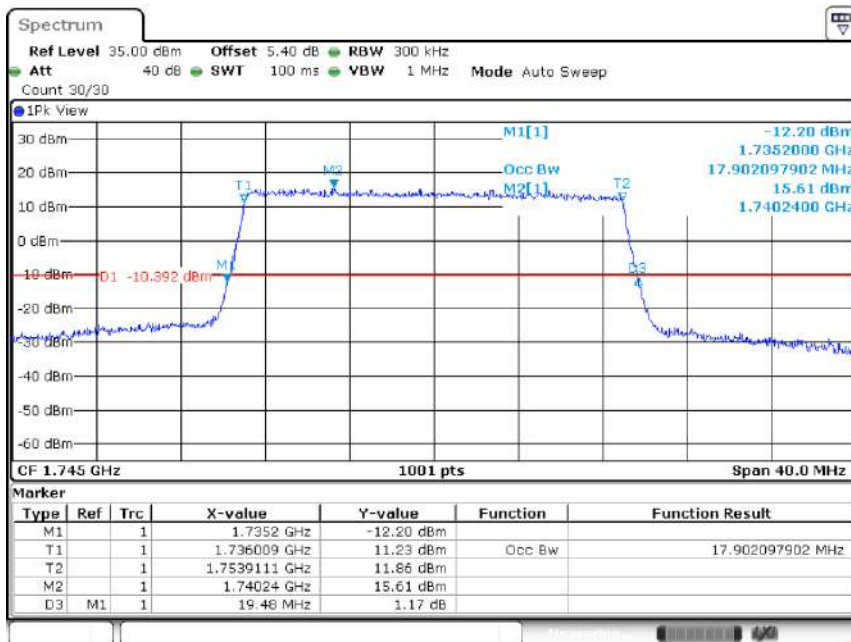
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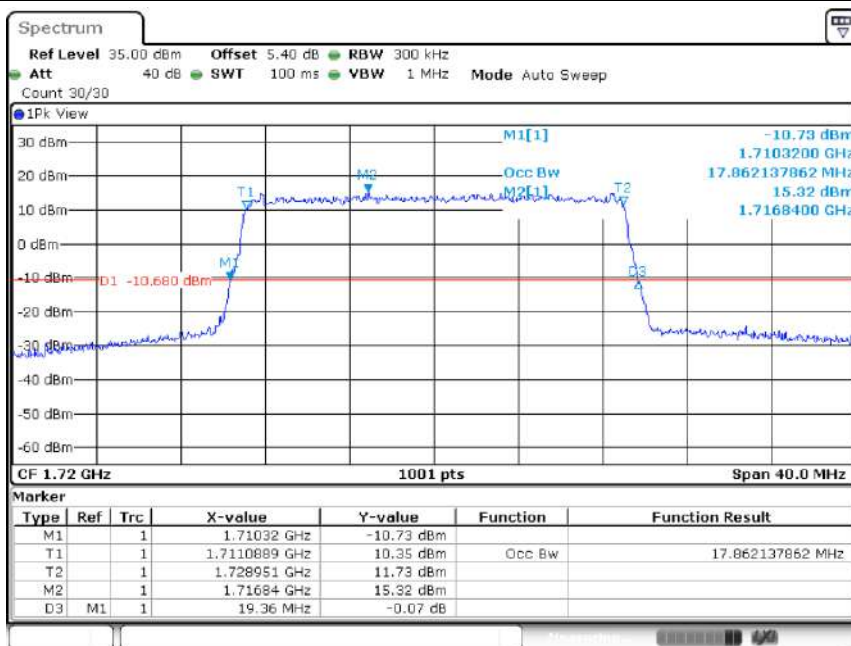


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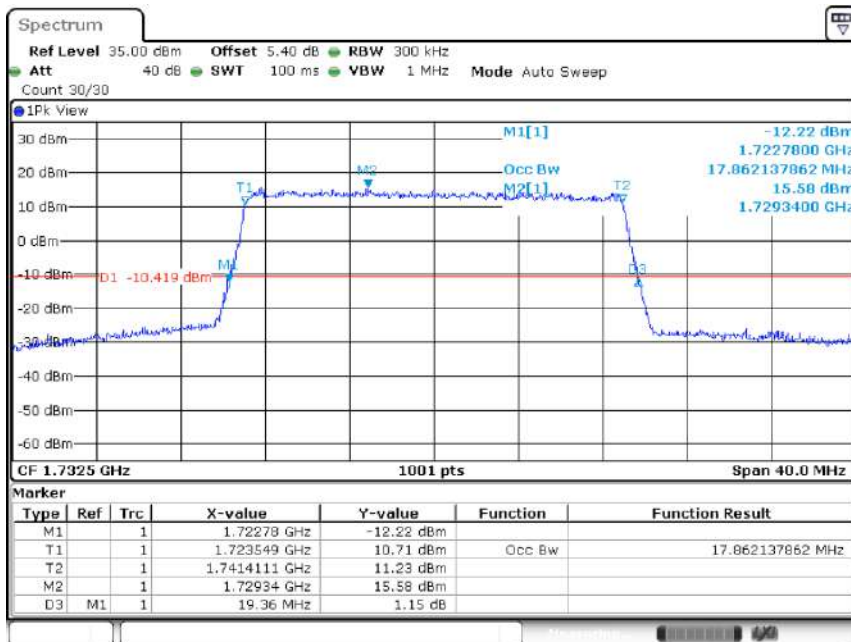
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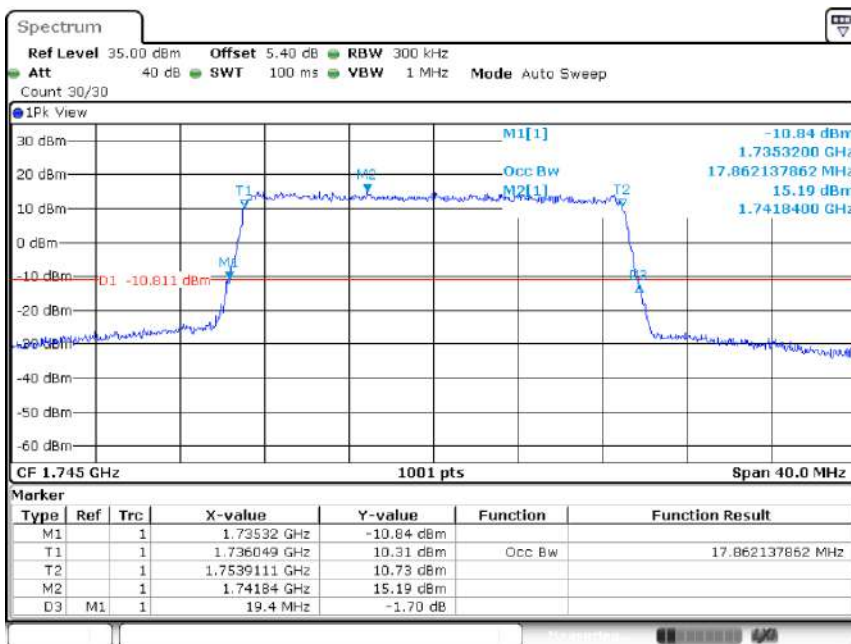


## Band4-20MHz-64QAM-20175-100RB#0-17.862



Date: 14.OCT.2020 10:41:21

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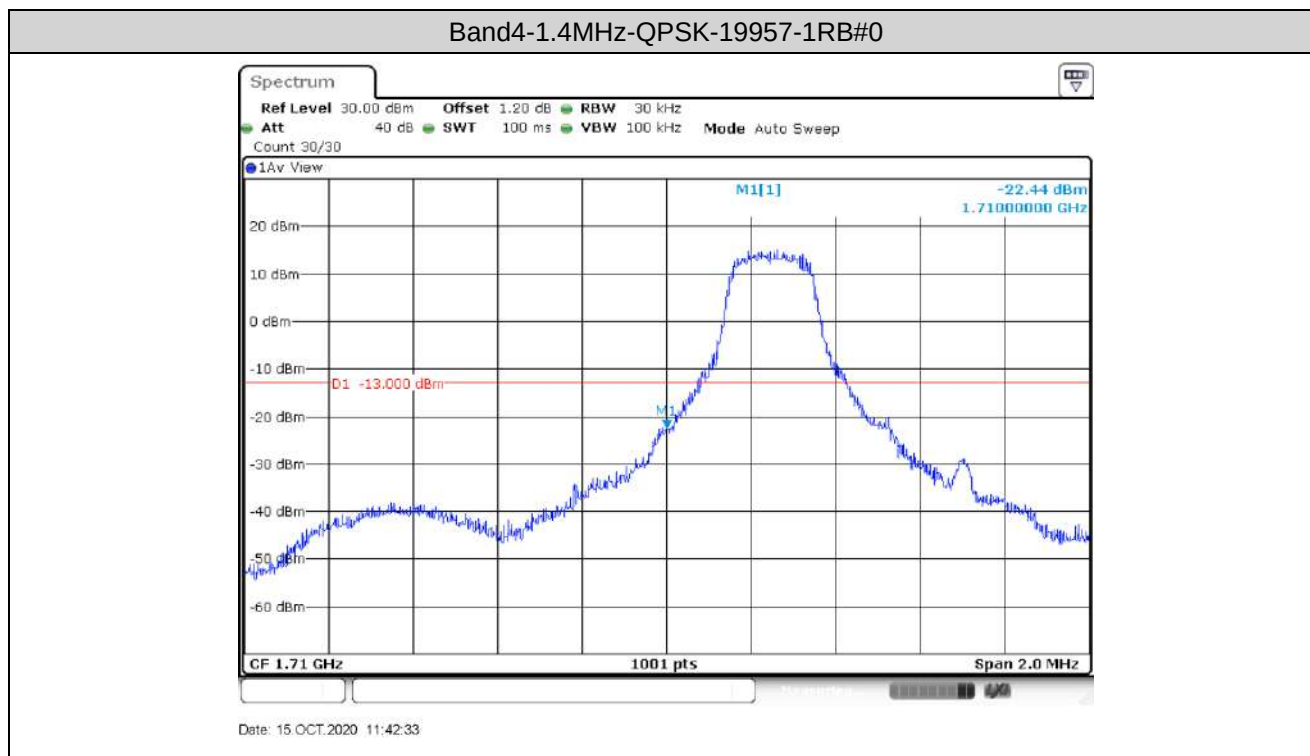


Date: 14.OCT.2020 10:41:37



## 5 Band Edge Compliance

### 5.1 Test Plots



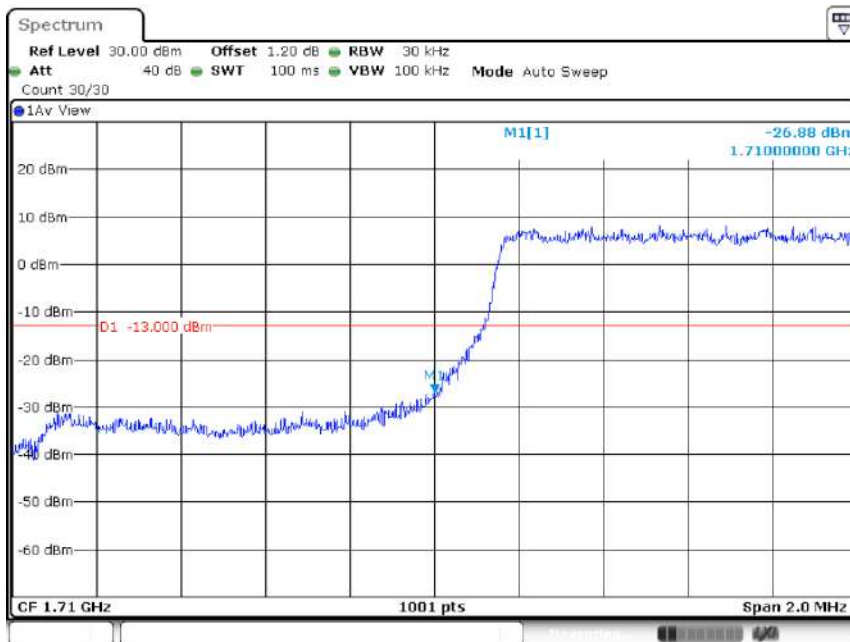
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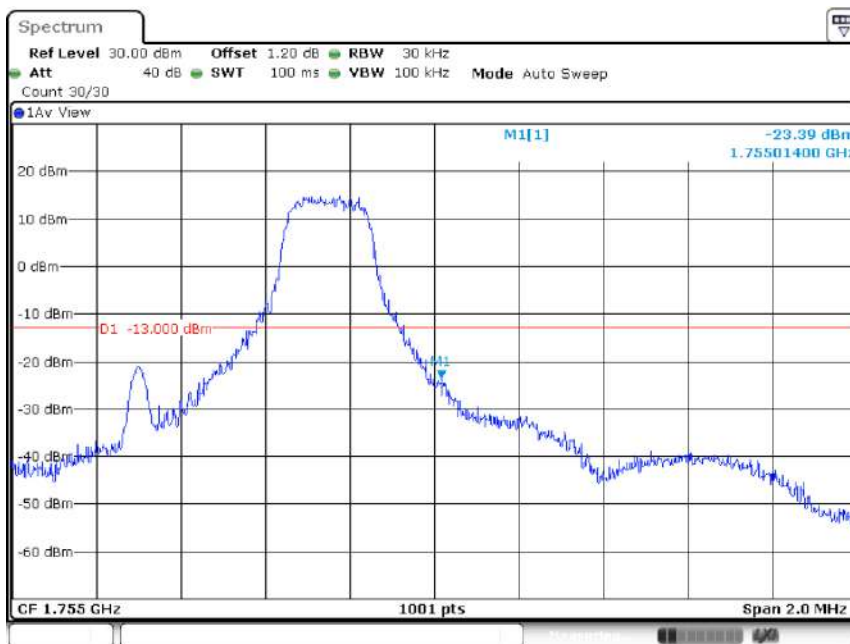
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**Band4-1.4MHz-QPSK-19957-6RB#0**



Date: 15.OCT.2020 11:43:06

**Band4-1.4MHz-QPSK-20393-1RB#5**



Date: 15.OCT.2020 11:43:47

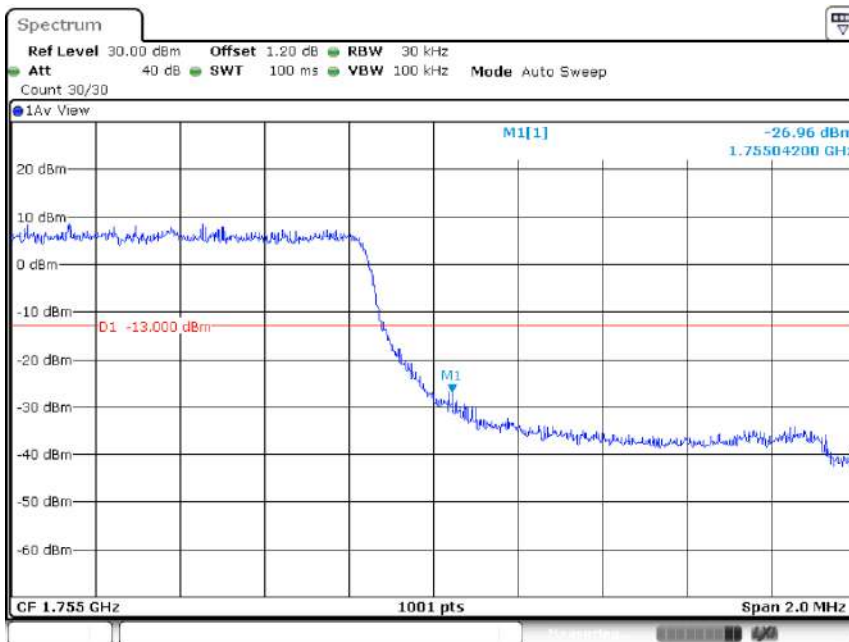


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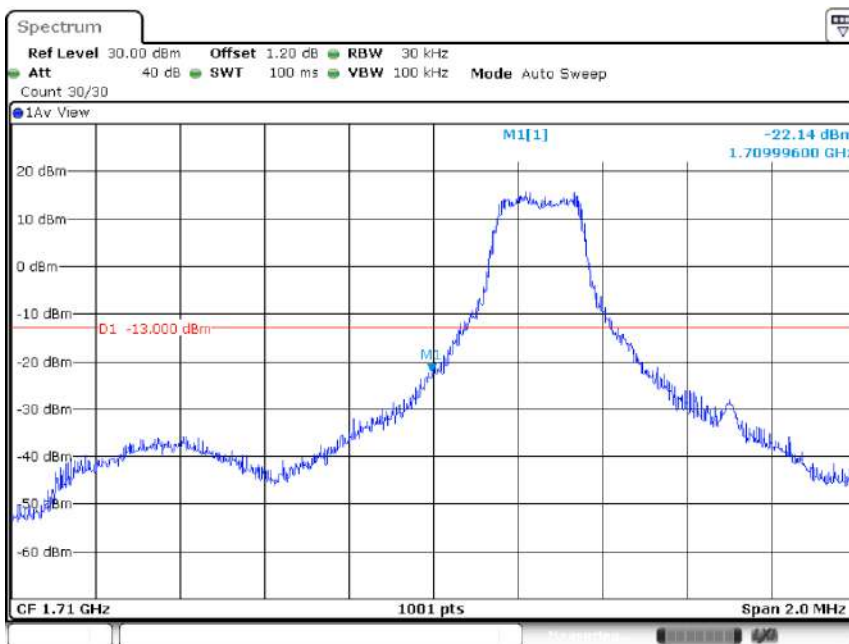
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## Band4-1.4MHz-QPSK-20393-6RB#0



Date: 15.OCT.2020 11:44:20

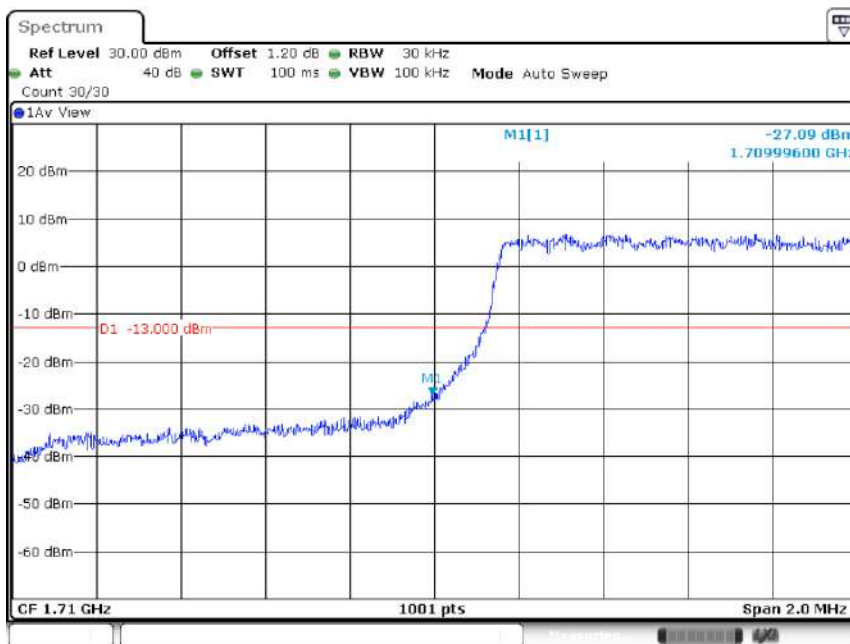
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Date: 15.OCT.2020 11:42:50

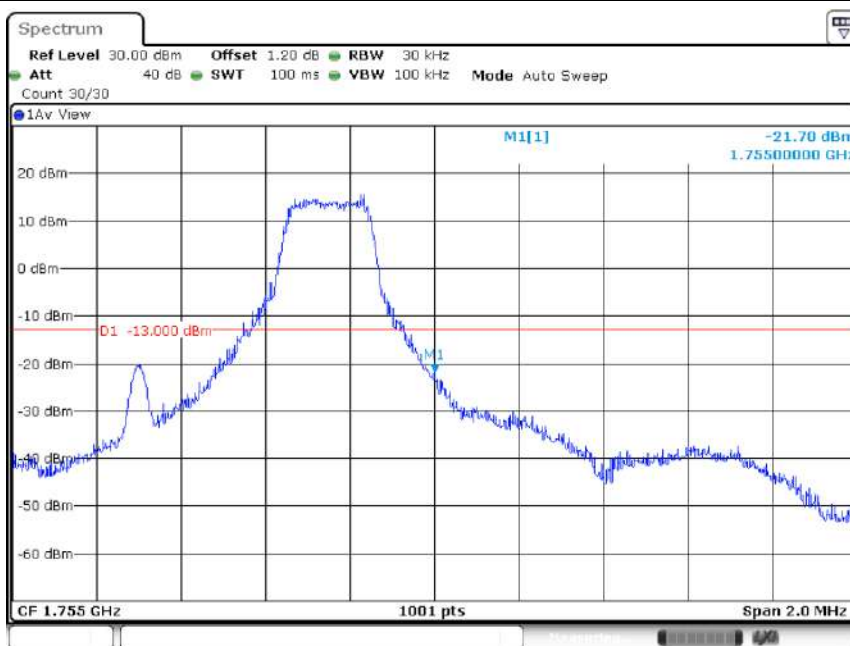


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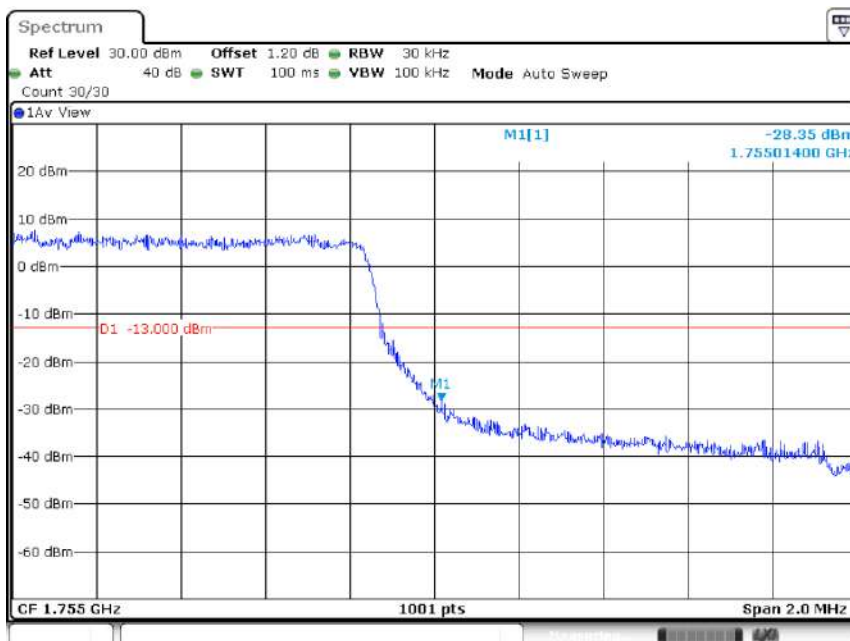
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Date: 15.OCT.2020 11:44:04

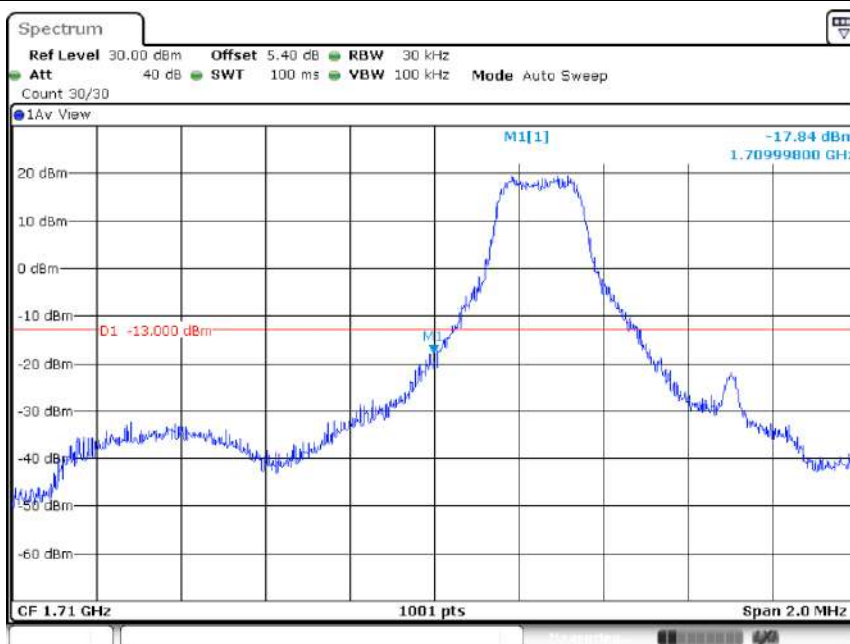


## Band4-1.4MHz-16QAM-20393-6RB#0



Date: 15.OCT.2020 11:44:36

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



Date: 14.OCT.2020 10:42:04

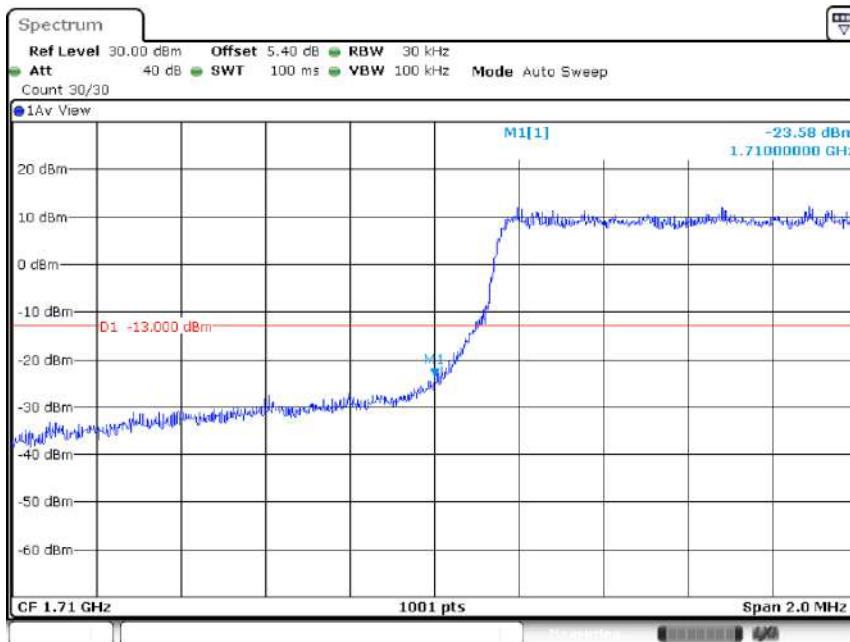
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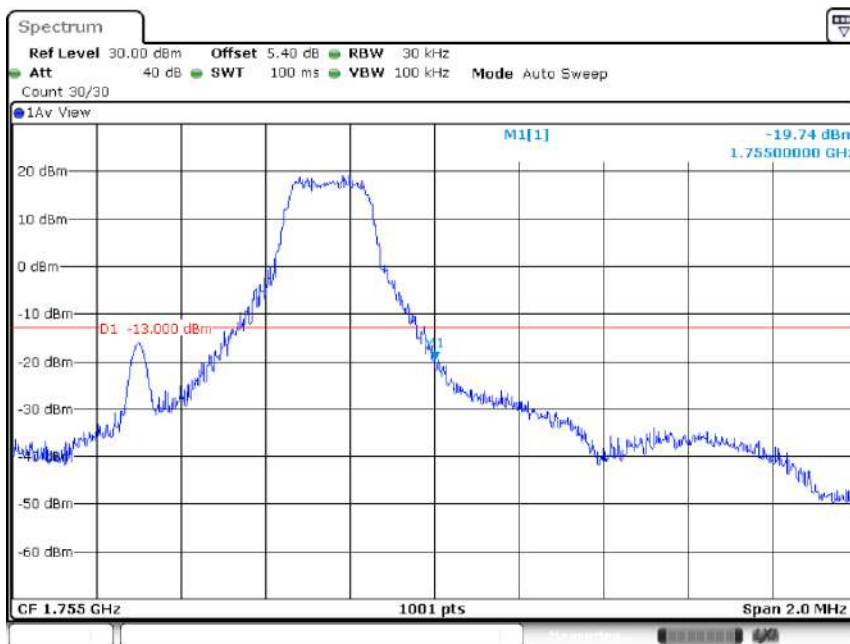
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Band4-1.4MHz-64QAM-19957-6RB#0



Date: 14.OCT.2020 10:42:21

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



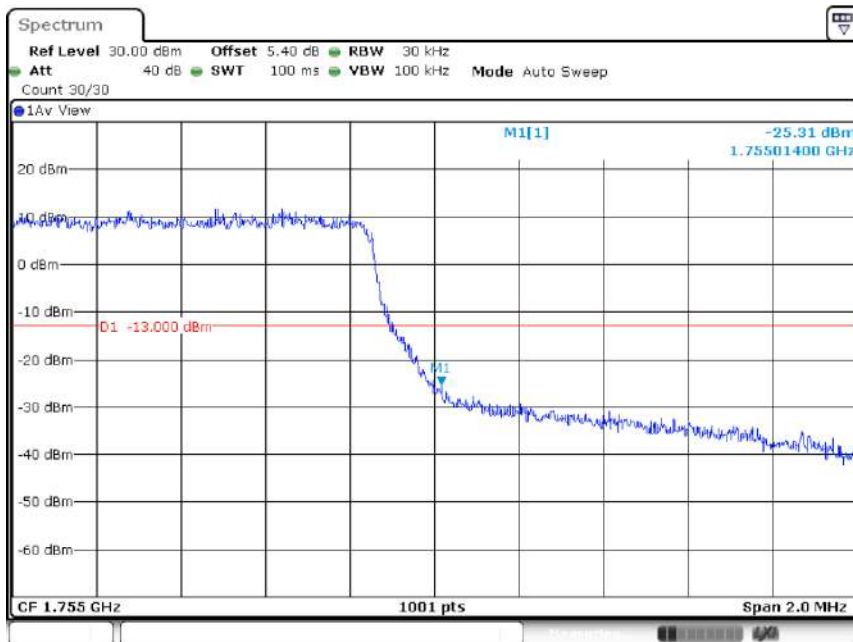
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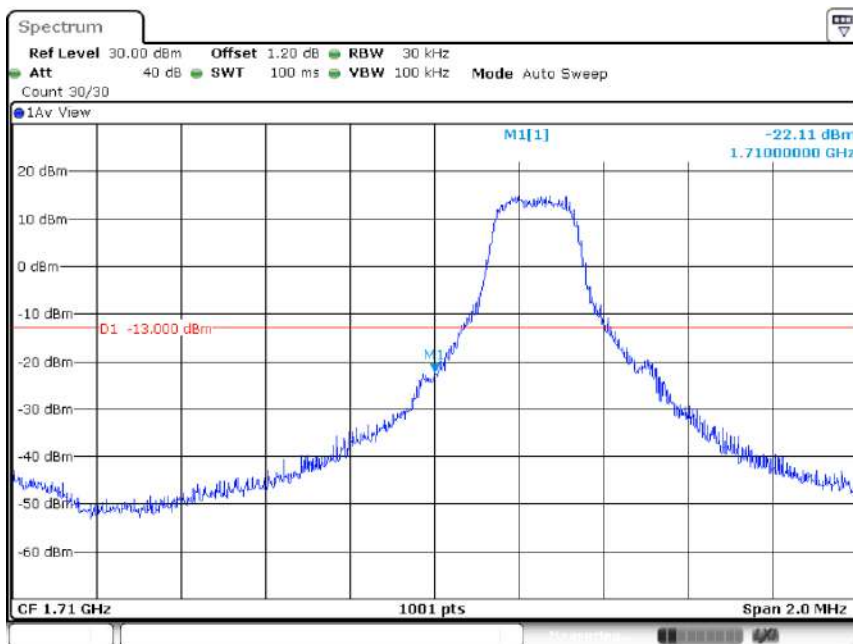
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## Band4-1.4MHz-64QAM-20393-6RB#0



Date: 14.OCT.2020 10:43:03

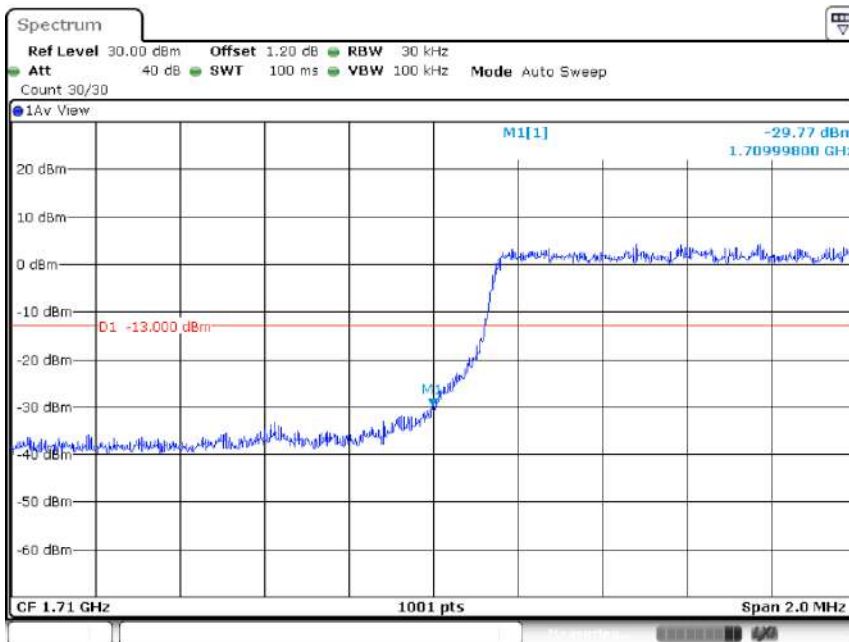
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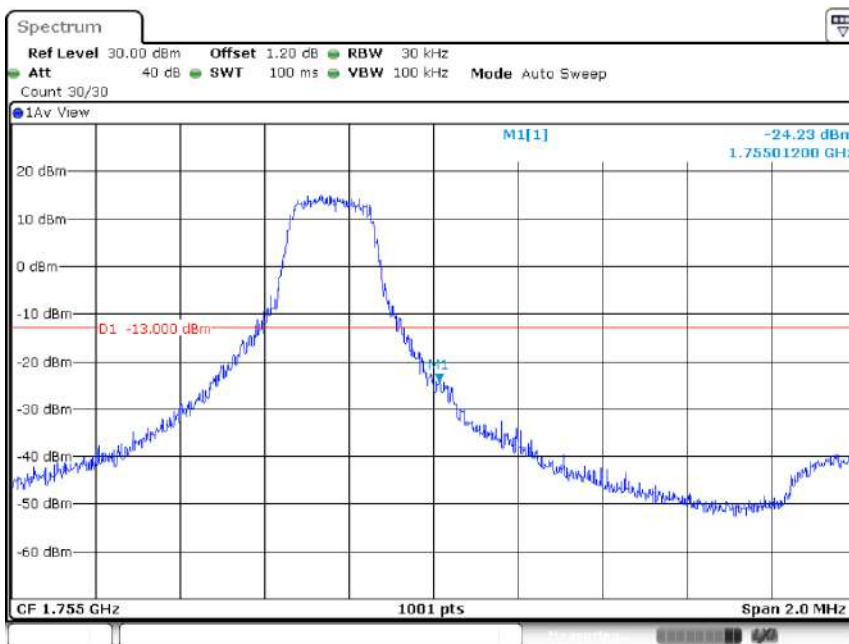


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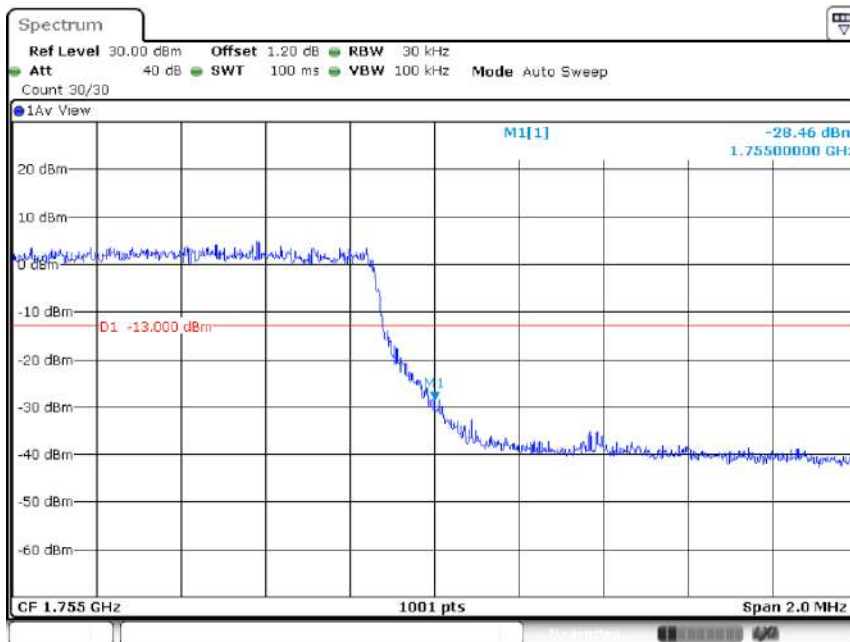
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Date: 15.OCT.2020 11:46:16

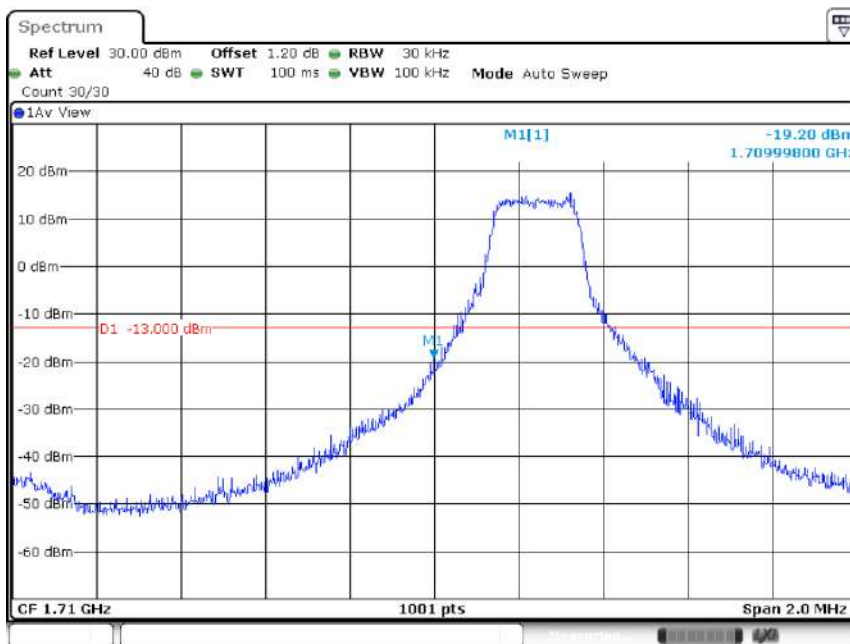


**Band4-3MHz-QPSK-20385-15RB#0**



Date: 15.OCT.2020 11:46:49

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



Date: 15.OCT.2020 11:45:19

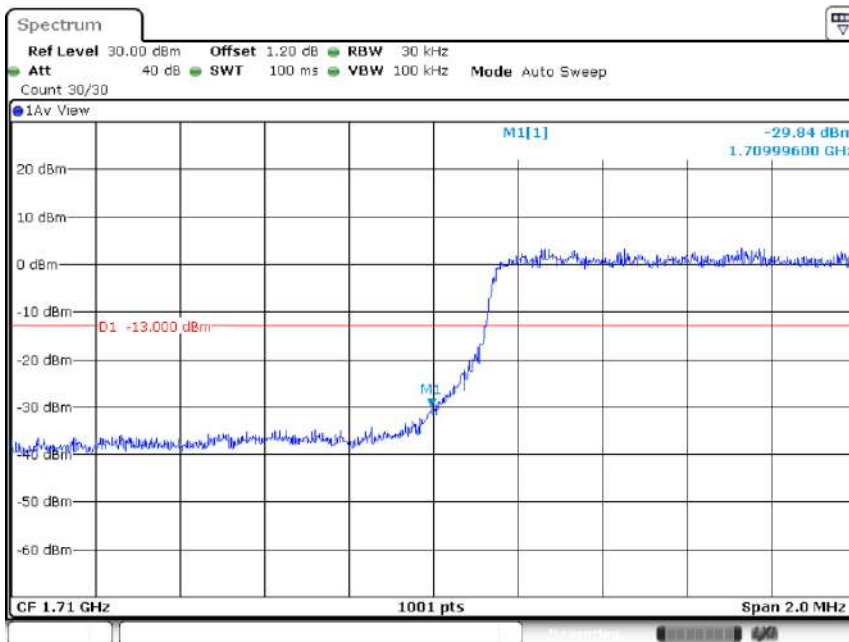


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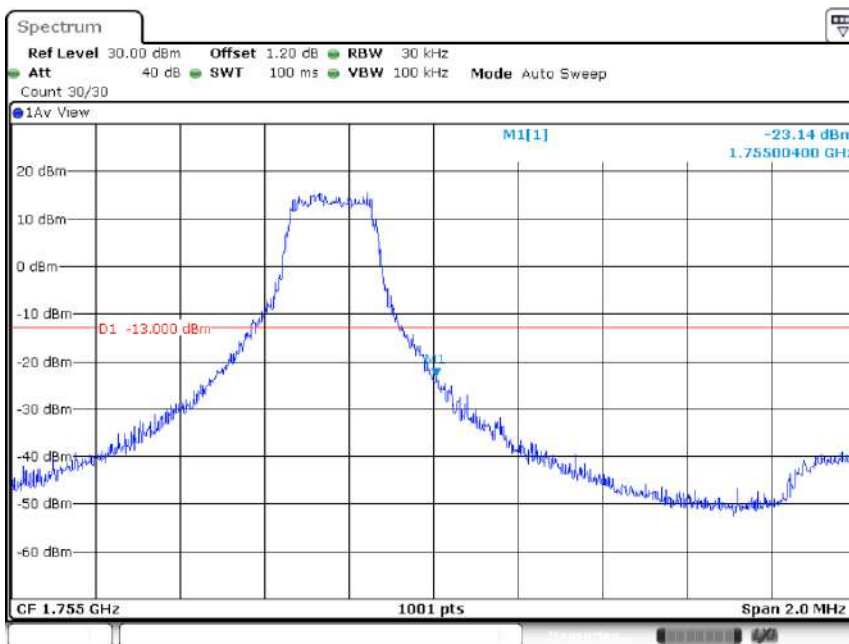
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**Band4-3MHz-16QAM-19965-15RB#0**



Date: 15.OCT.2020 11:45:52

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



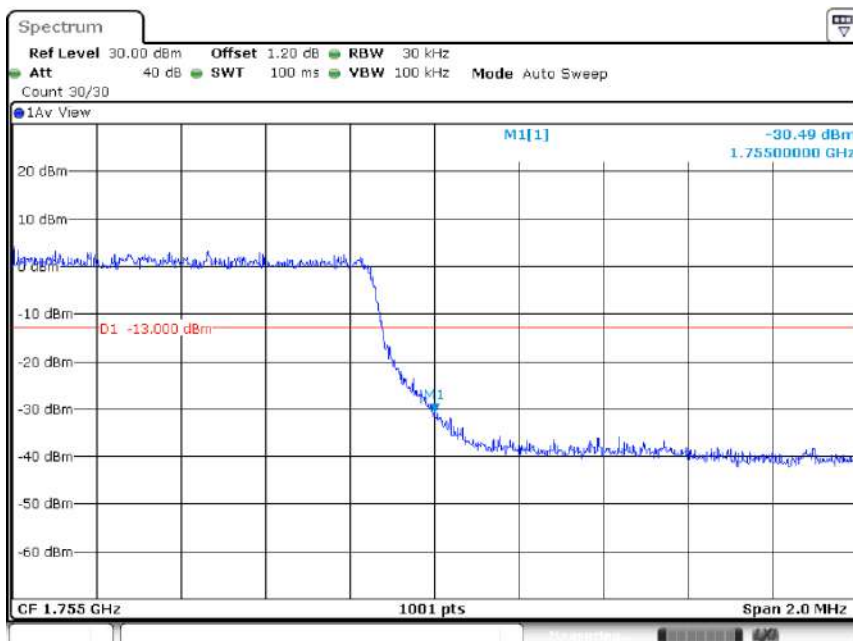
Date: 15.OCT.2020 11:46:33



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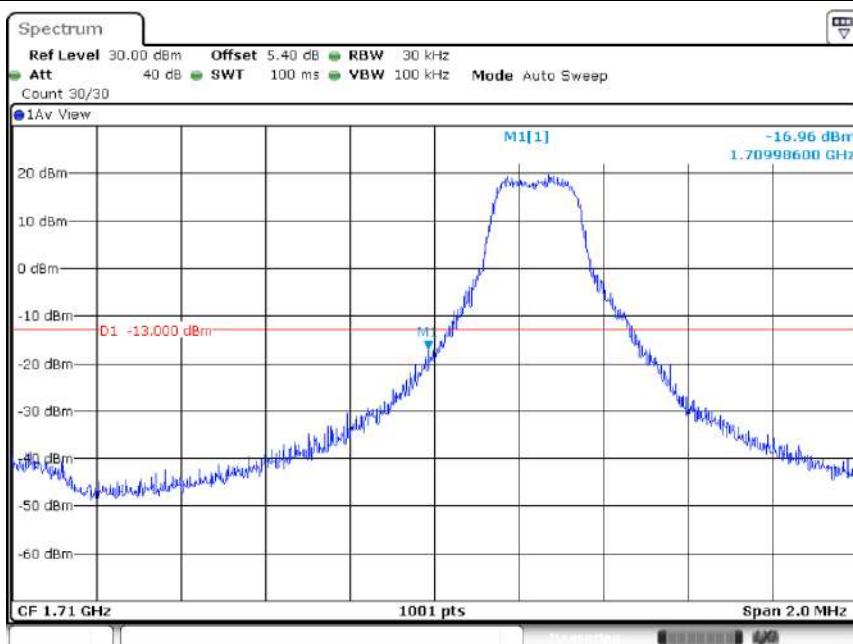
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Band4-3MHz-16QAM-20385-15RB#0



Date: 15.OCT.2020 11:47:05

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



Date: 14.OCT.2020 10:46:33



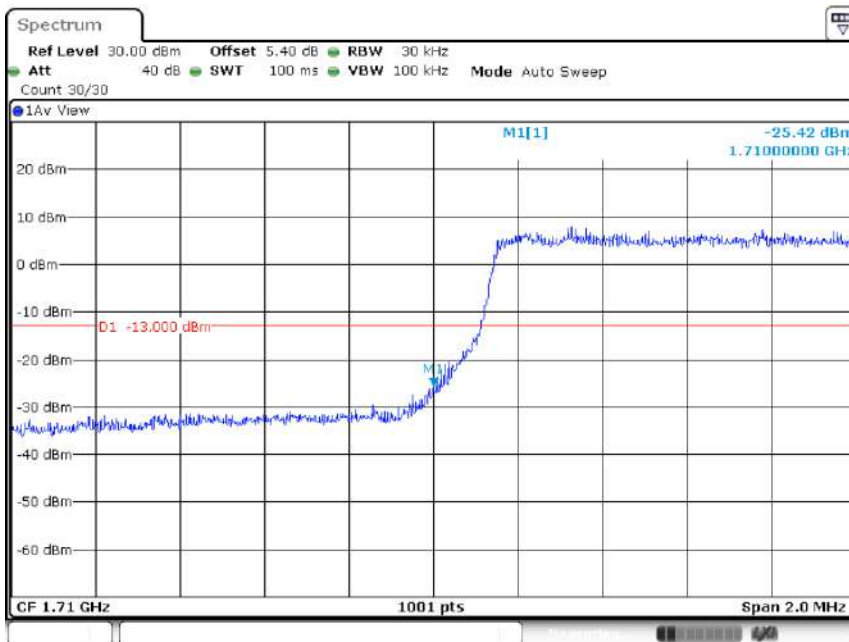
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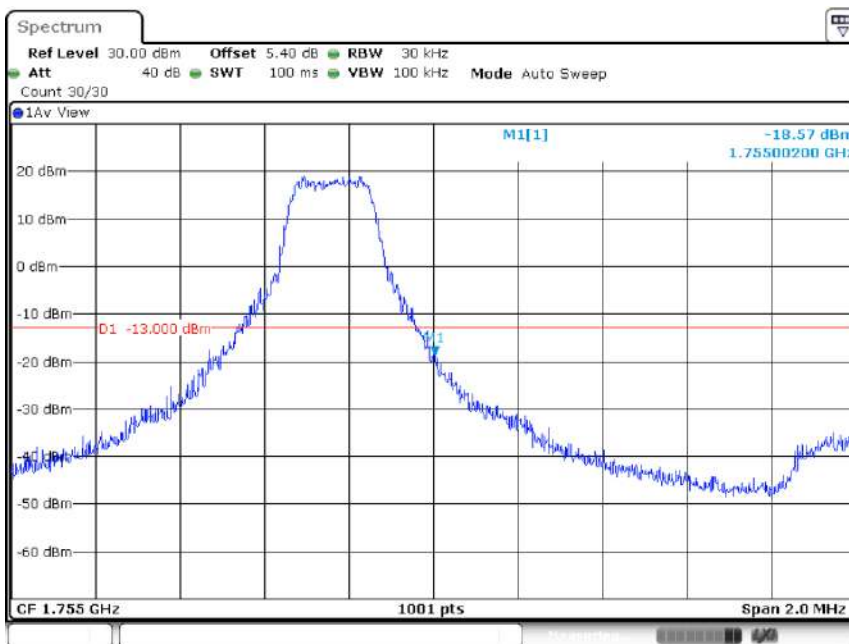
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**Band4-3MHz-64QAM-19965-15RB#0**



Date: 14.OCT.2020 10:46:50

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

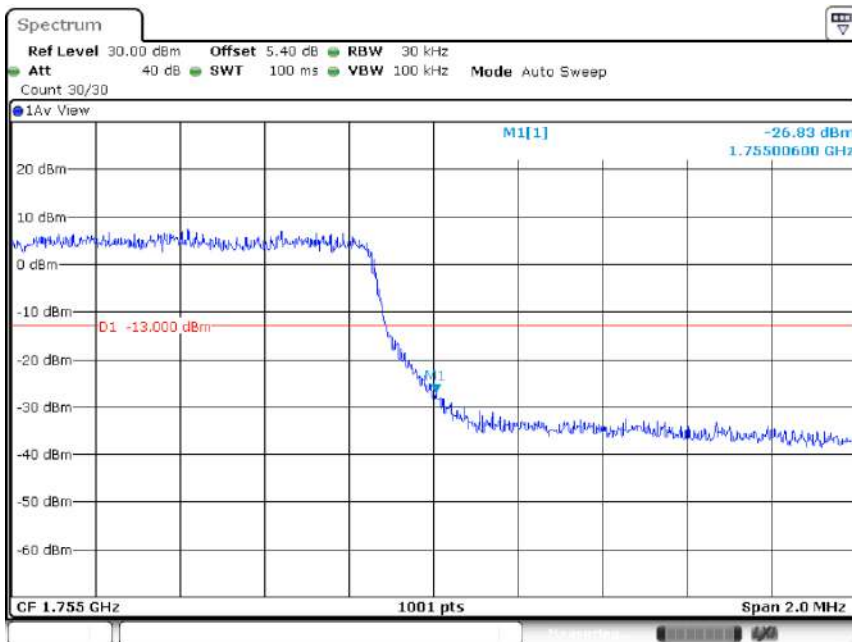


Date: 14.OCT.2020 10:47:15



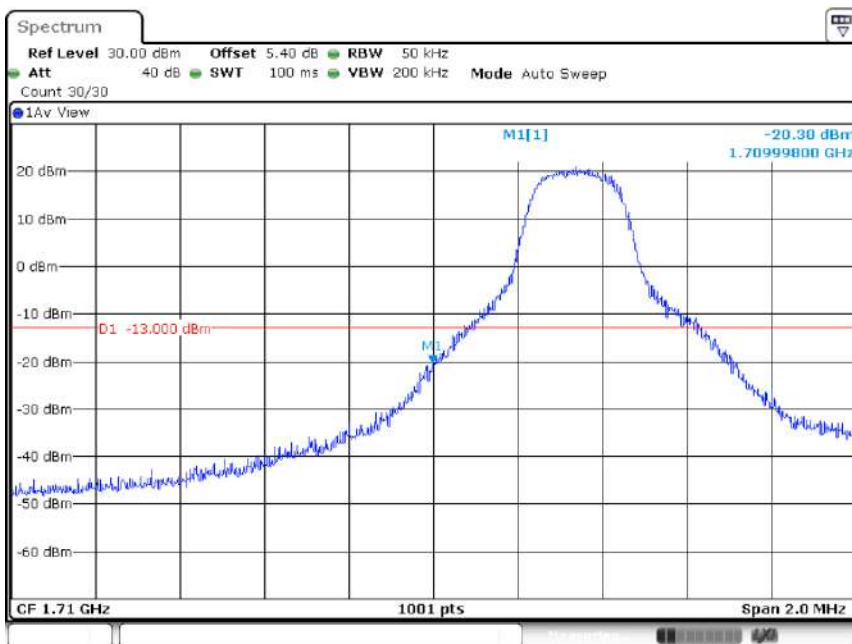
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## Band4-3MHz-64QAM-20385-15RB#0



Date: 14.OCT.2020 10:47:32

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



Date: 11.OCT.2020 19:06:59



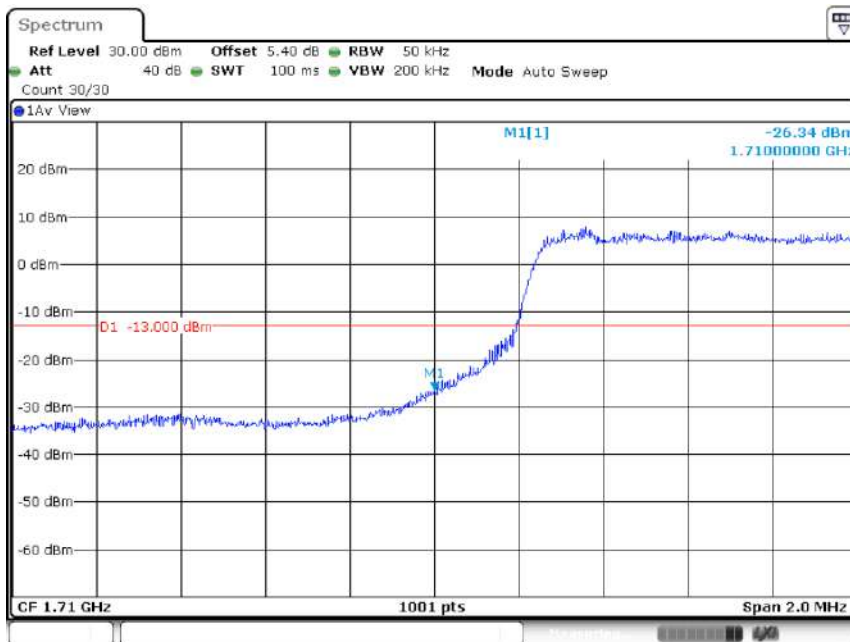
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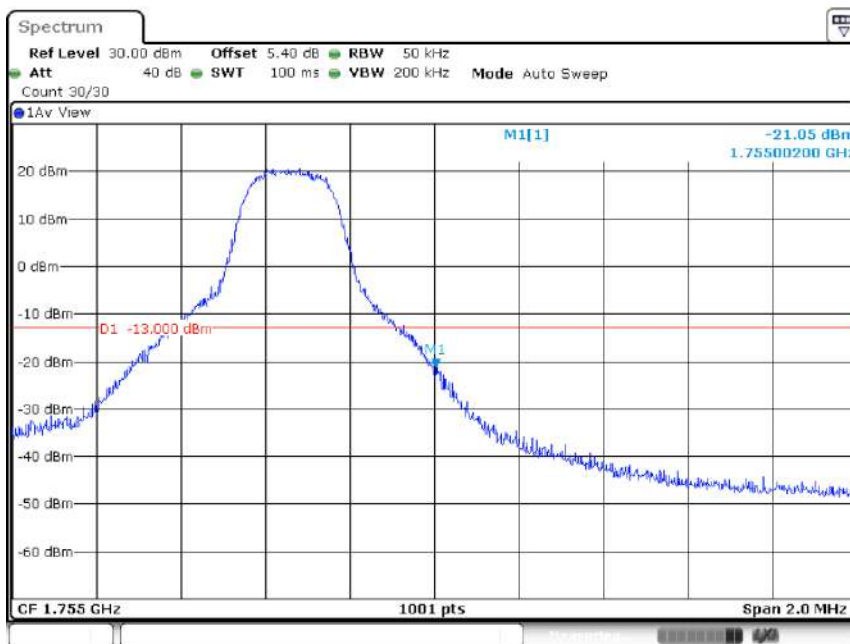
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**Band4-5MHz-QPSK-19975-25RB#0**



Date: 11.OCT.2020 19:07:32

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



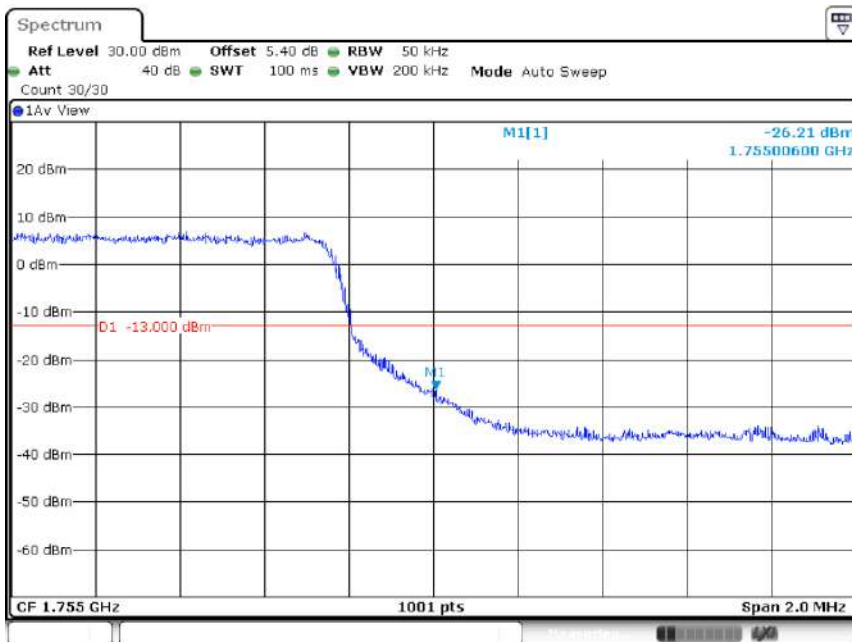
Date: 11.OCT.2020 19:08:13



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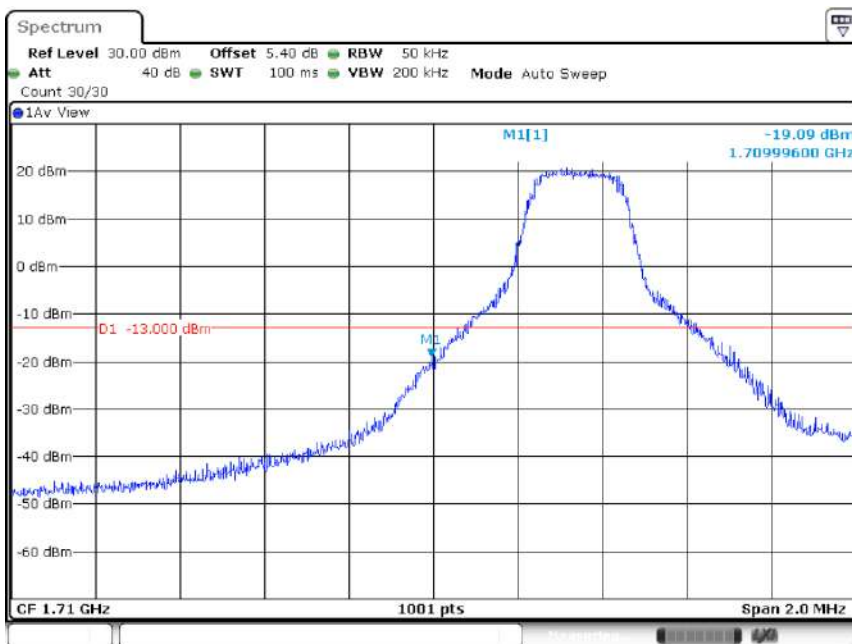
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## Band4-5MHz-QPSK-20375-25RB#0



Date: 11.OCT.2020 19:08:46

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



Date: 11.OCT.2020 19:07:16



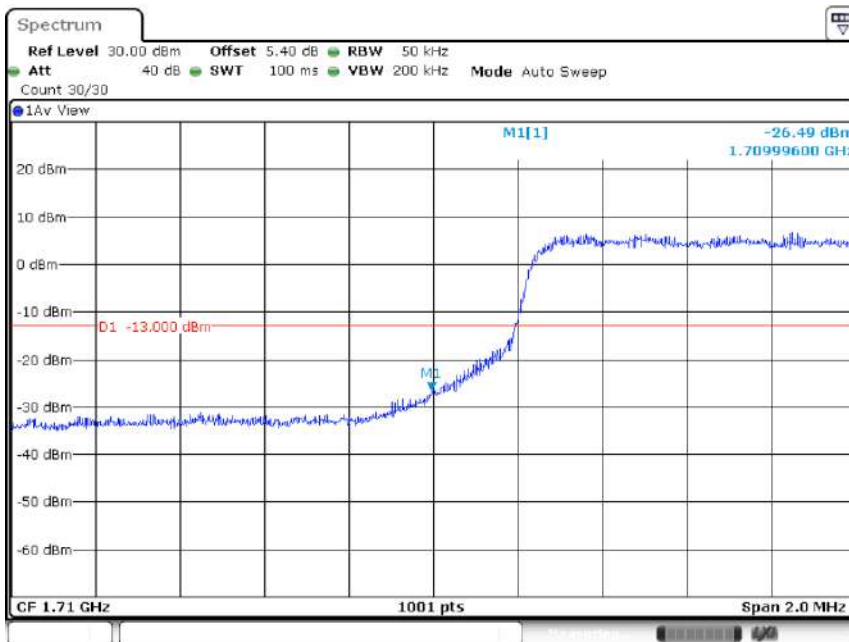
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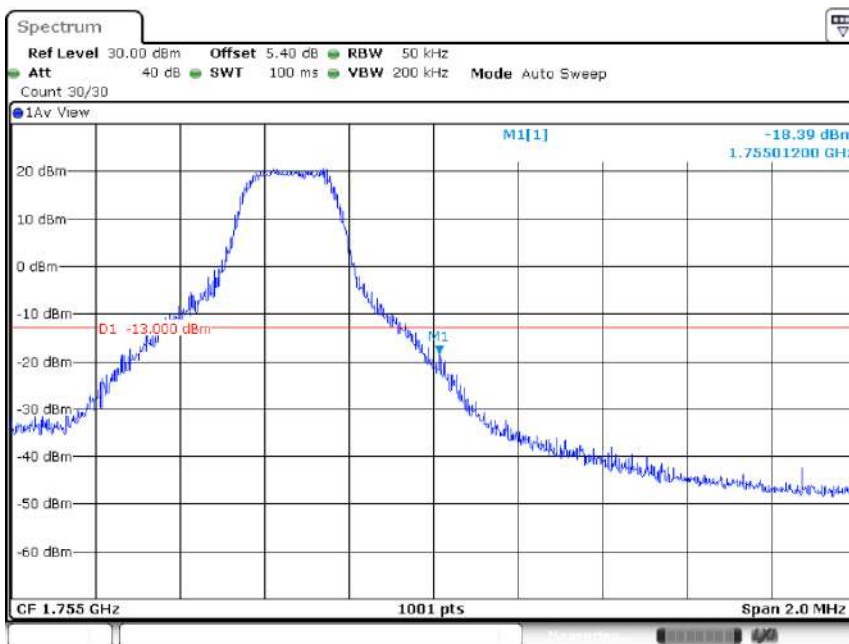
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Band4-5MHz-16QAM-19975-25RB#0



Date: 11.OCT.2020 19:07:48

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



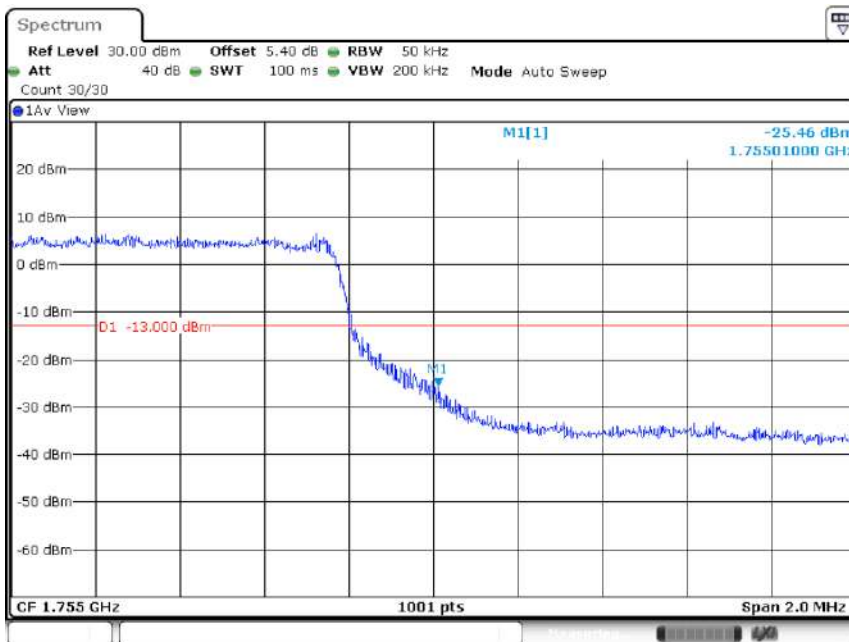
Date: 11.OCT.2020 19:08:29



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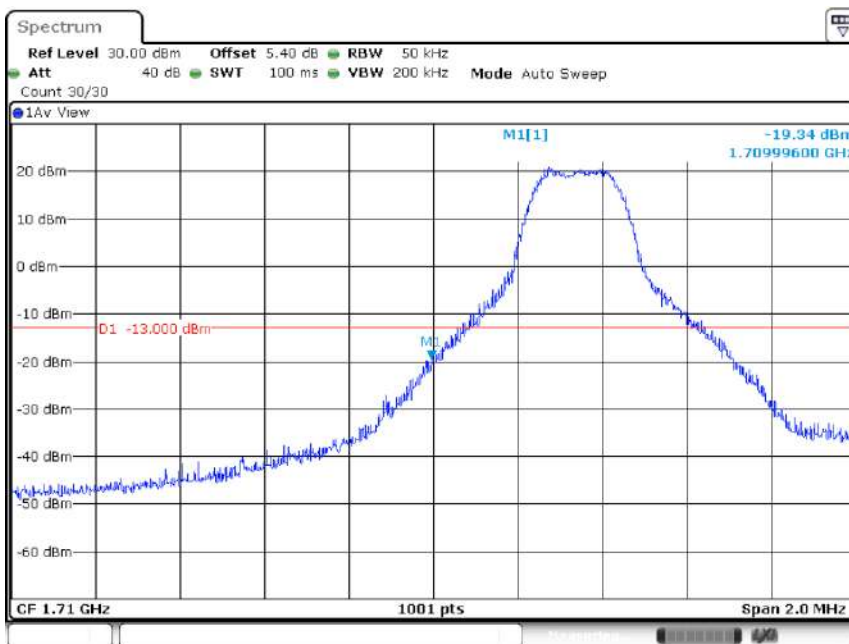
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## Band4-5MHz-16QAM-20375-25RB#0



Date: 11.OCT.2020 19:09:02

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



Date: 14.OCT.2020 10:47:59



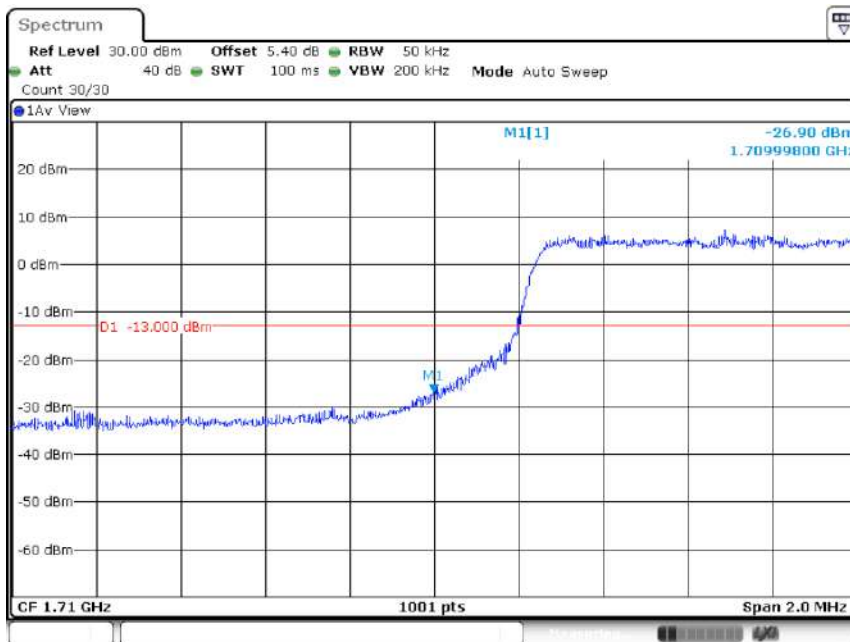
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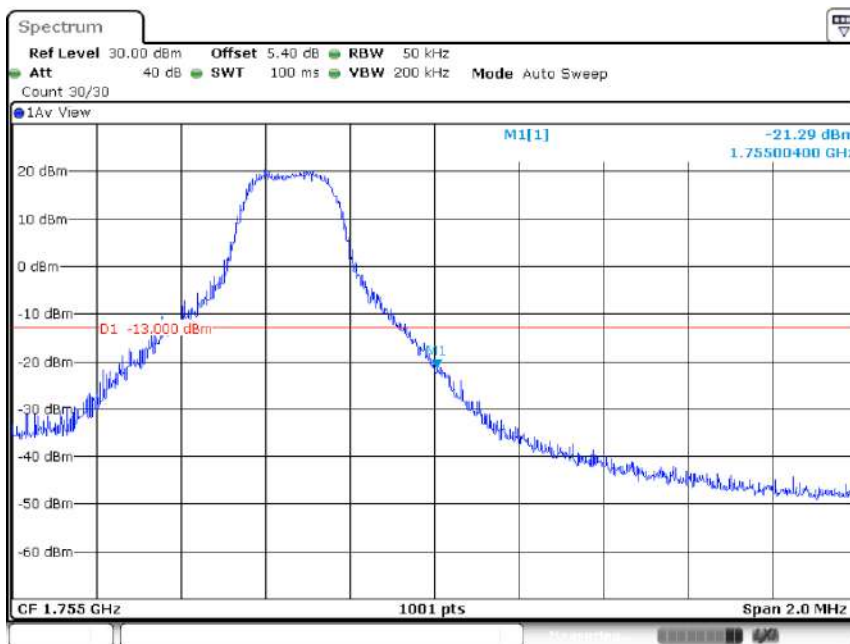
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**Band4-5MHz-64QAM-19975-25RB#0**



Date: 14.OCT.2020 10:48:15

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



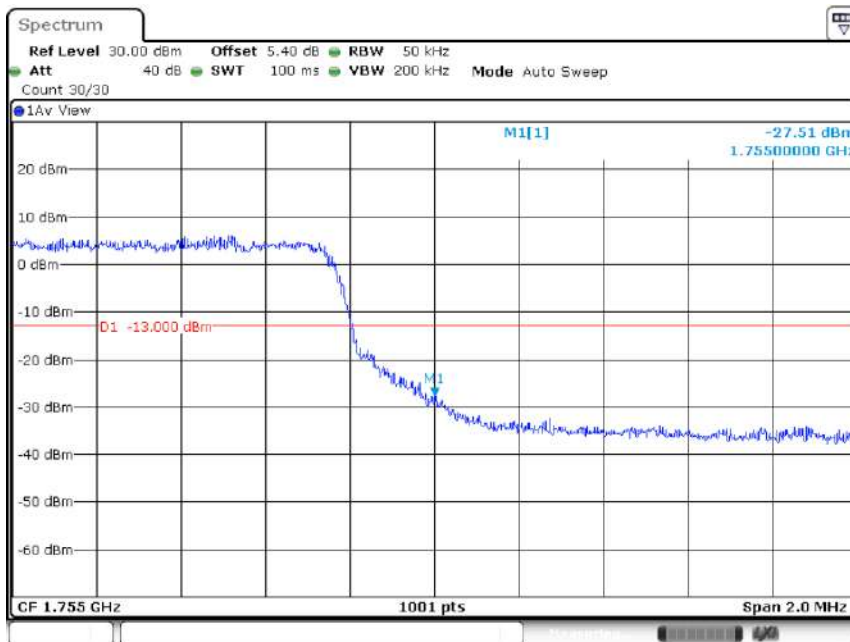
Date: 14.OCT.2020 10:48:41



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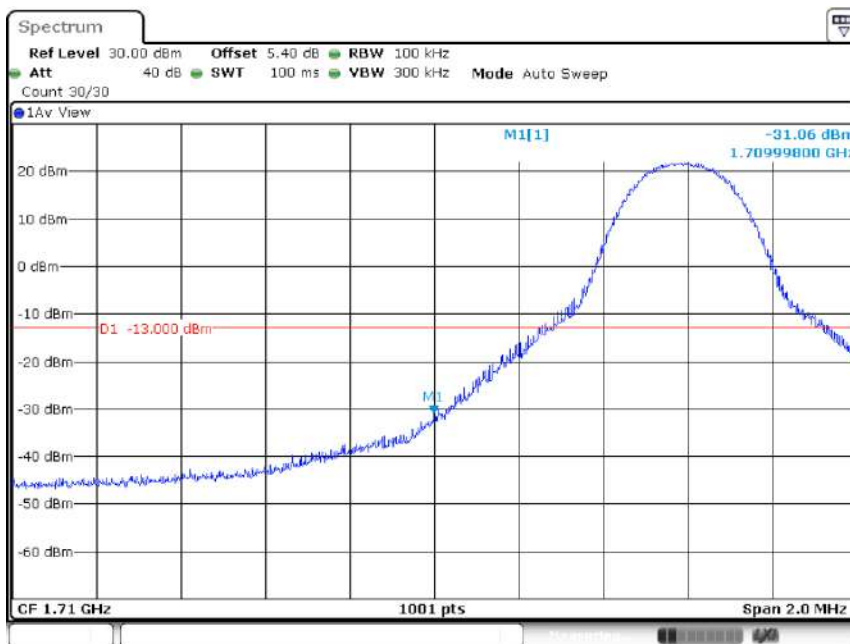
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**Band4-5MHz-64QAM-20375-25RB#0**



Date: 14.OCT.2020 10:48:57

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



Date: 11.OCT.2020 19:09:27

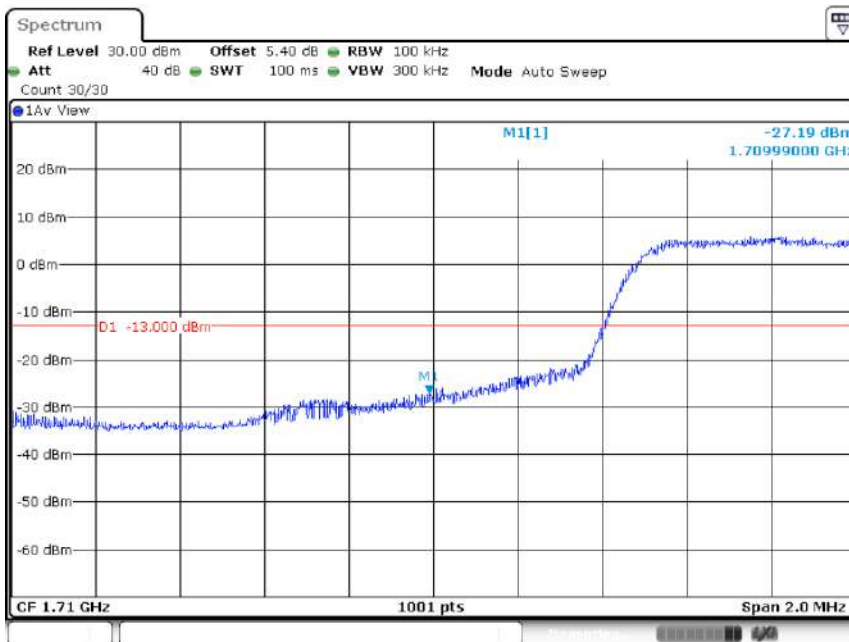


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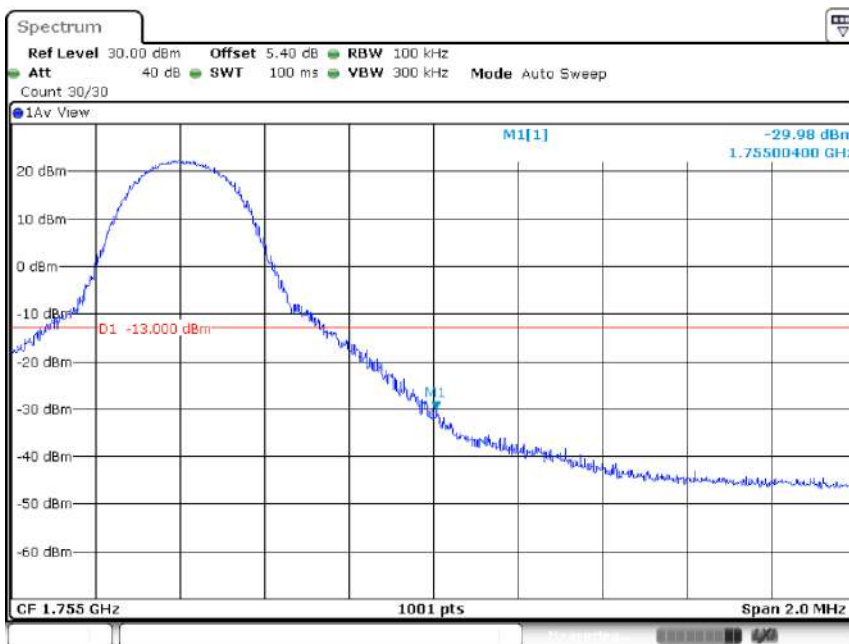
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**Band4-10MHz-QPSK-20000-50RB#0**



Date: 11.OCT.2020 19:10:00

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



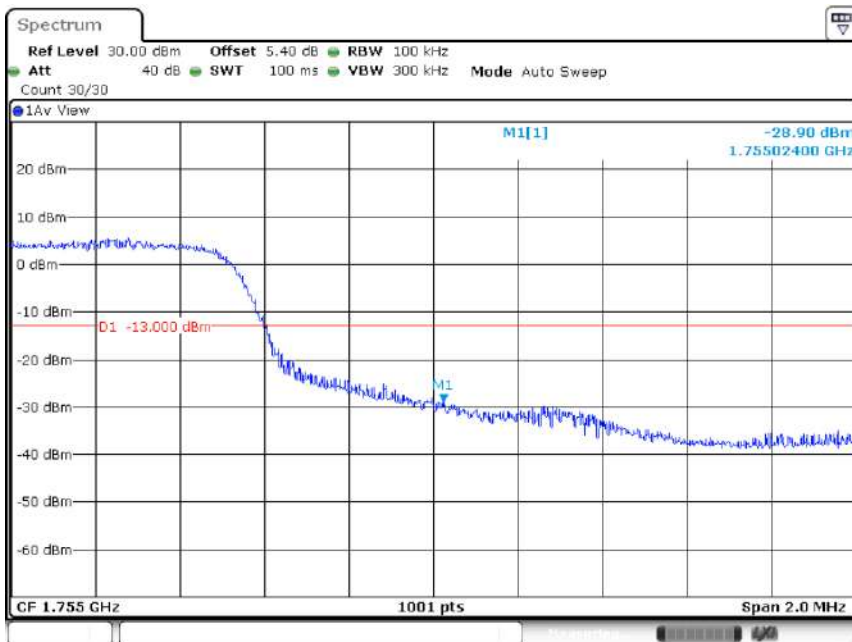
Date: 11.OCT.2020 19:10:40



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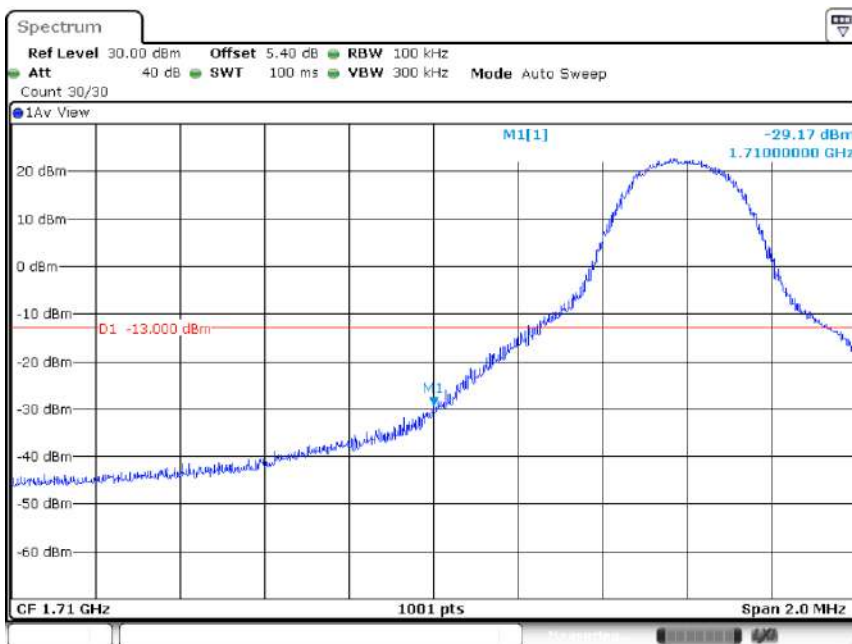
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## Band4-10MHz-QPSK-20350-50RB#0



Date: 11.OCT.2020 19:11:14

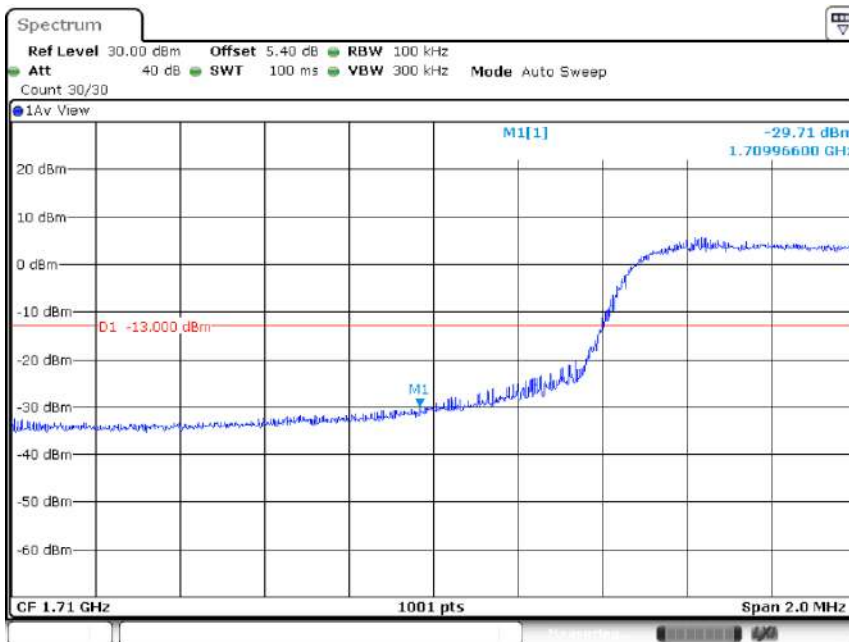
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Date: 11.OCT.2020 19:09:43

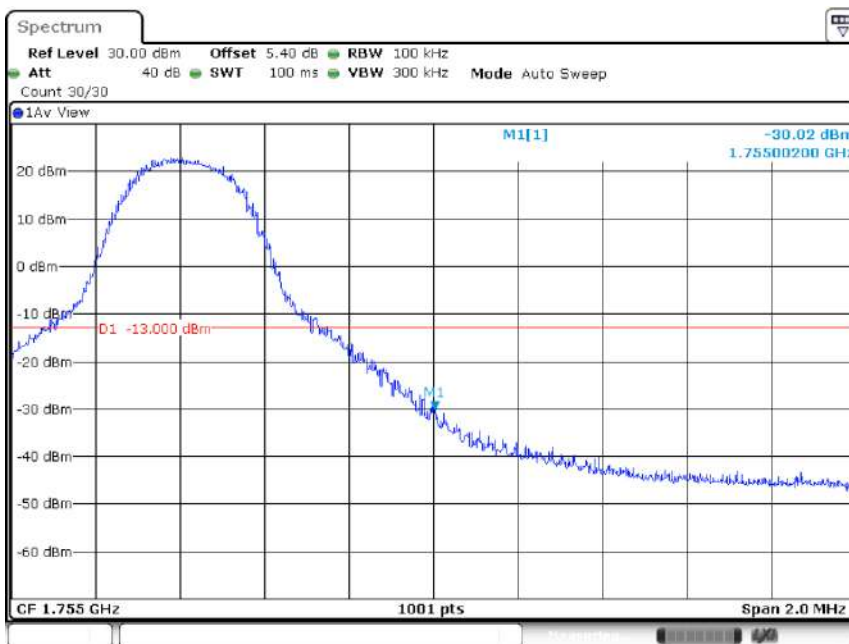


**Band4-10MHz-16QAM-20000-50RB#0**



Date: 11.OCT.2020 19:10:16

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



Date: 11.OCT.2020 19:10:57

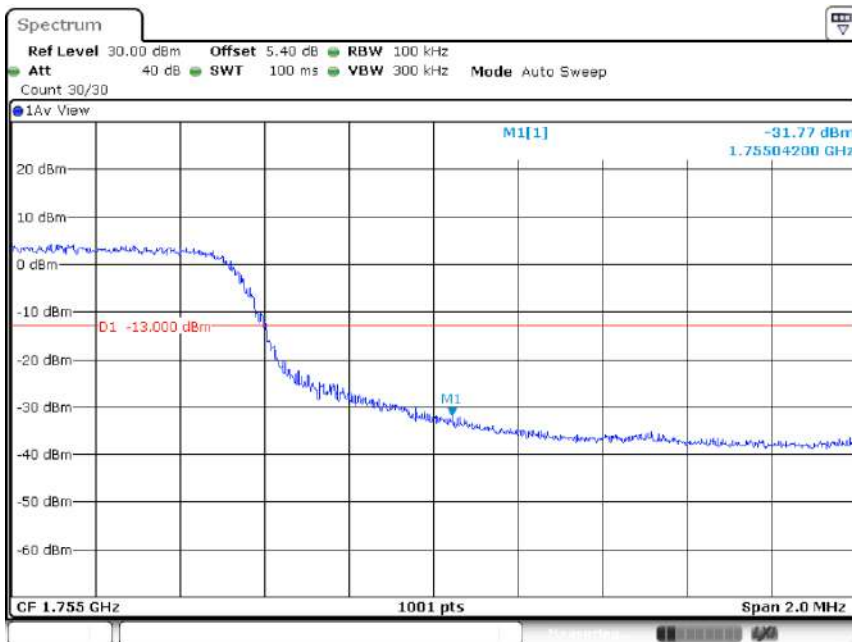


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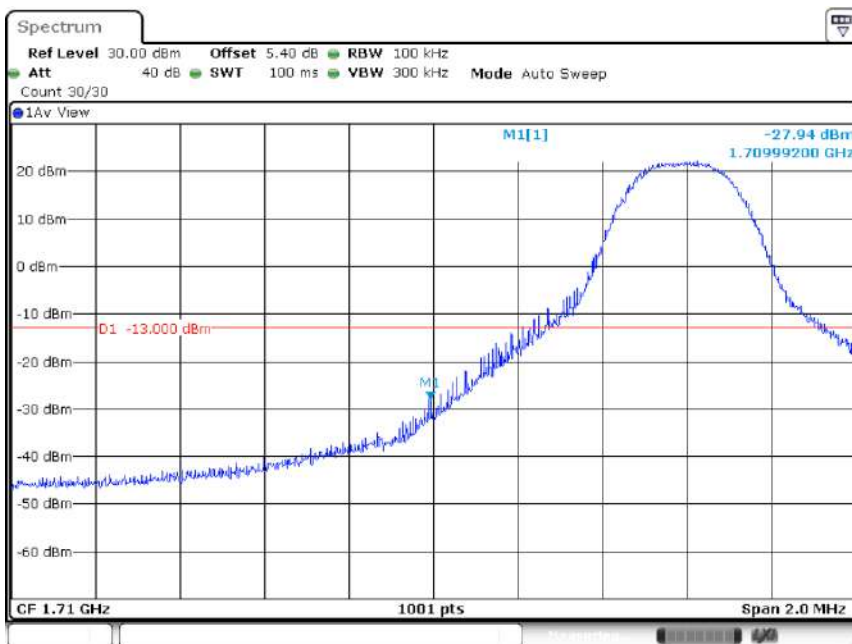
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## Band4-10MHz-16QAM-20350-50RB#0



Date: 11.OCT.2020 19:11:30

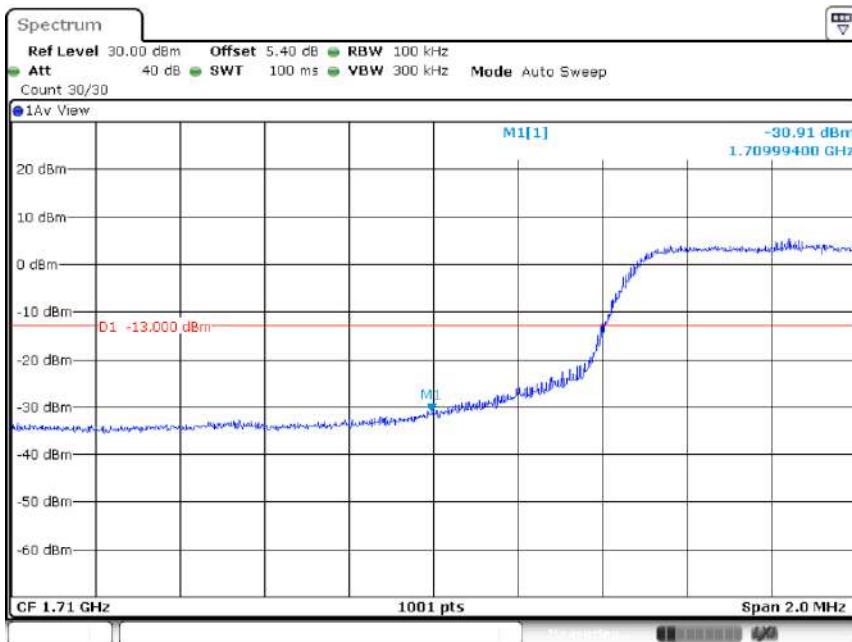
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Date: 14.OCT.2020 10:49:24

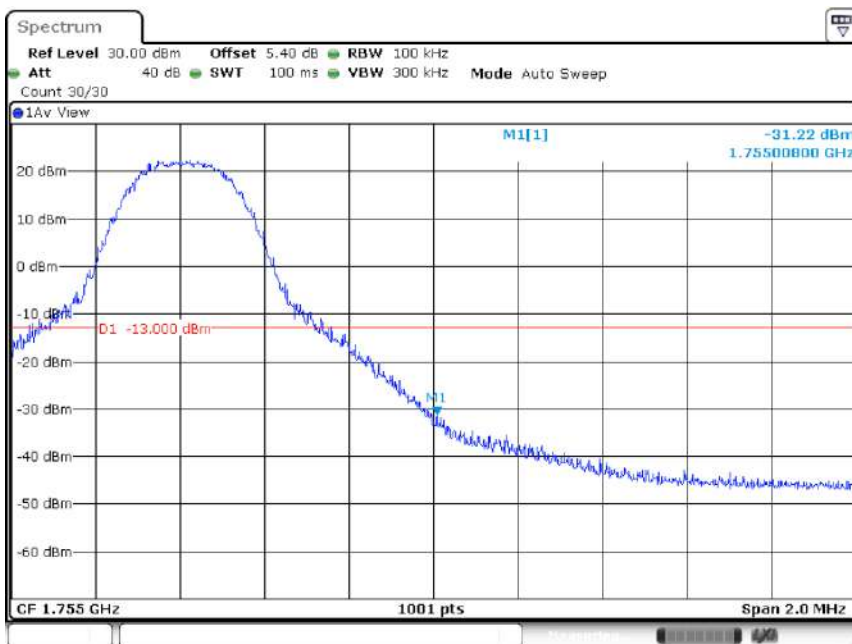


## Band4-10MHz-64QAM-20000-50RB#0



Date: 14.OCT.2020 10:49:41

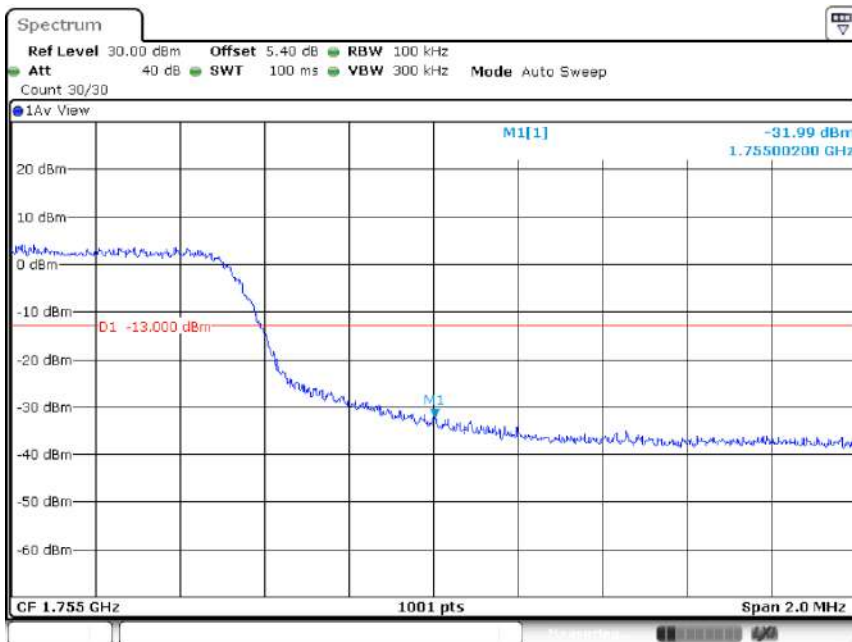
## Band4-10MHz-64QAM-20350-1RB#49



Date: 14.OCT.2020 10:50:09



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



Date: 14.OCT.2020 10:50:25

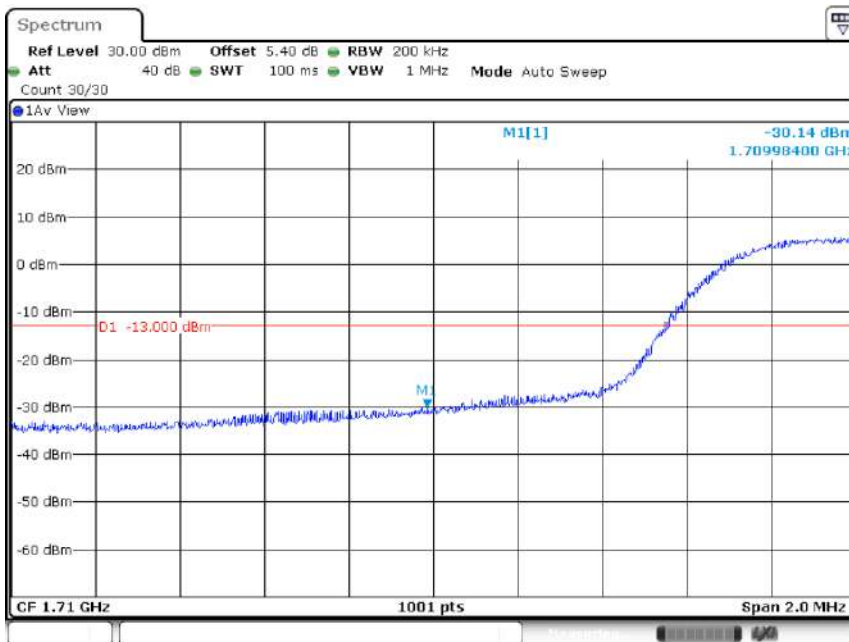
## Band4-15MHz-QPSK-20025-1RB#0



Date: 11.OCT.2020 19:11:55

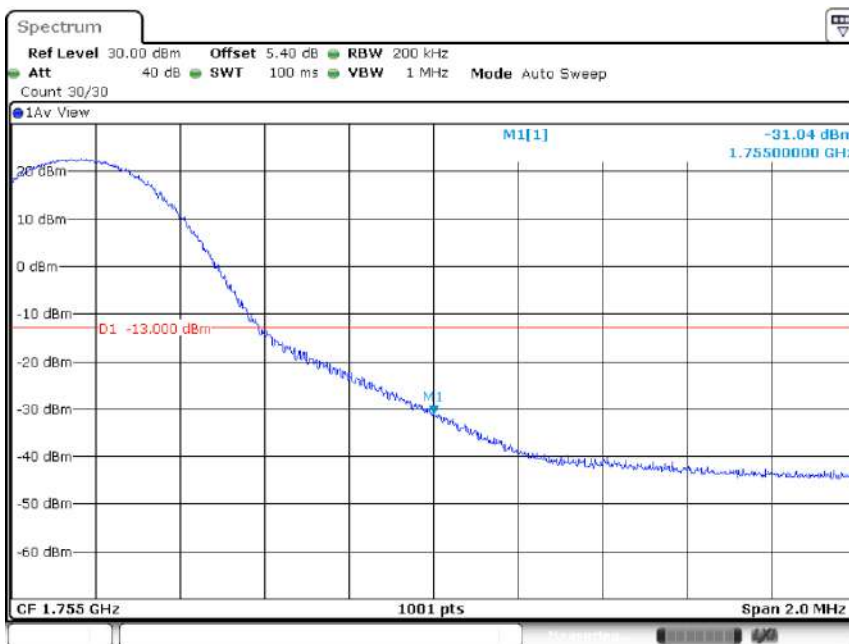


**Band4-15MHz-QPSK-20025-75RB#0**



Date: 11.OCT.2020 19:12:28

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



Date: 11.OCT.2020 19:13:09

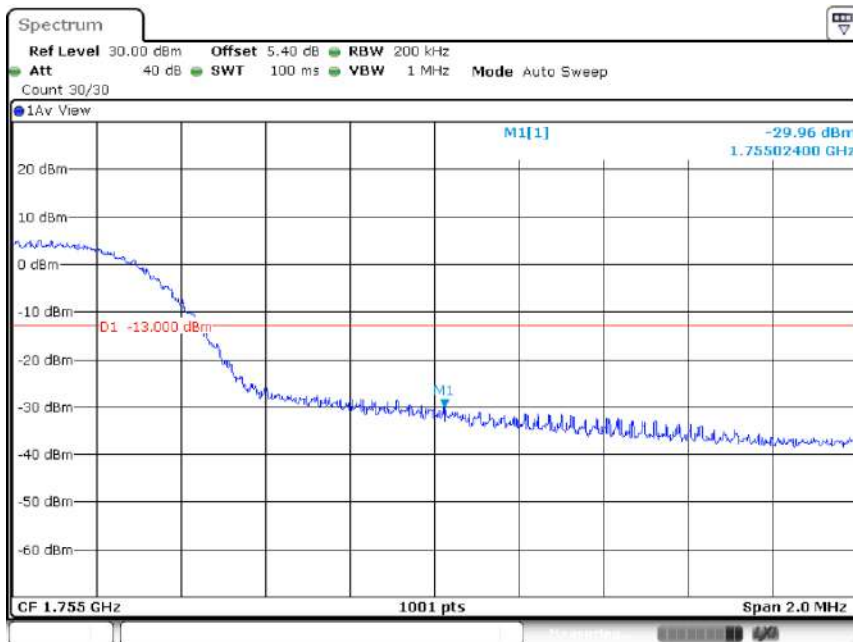


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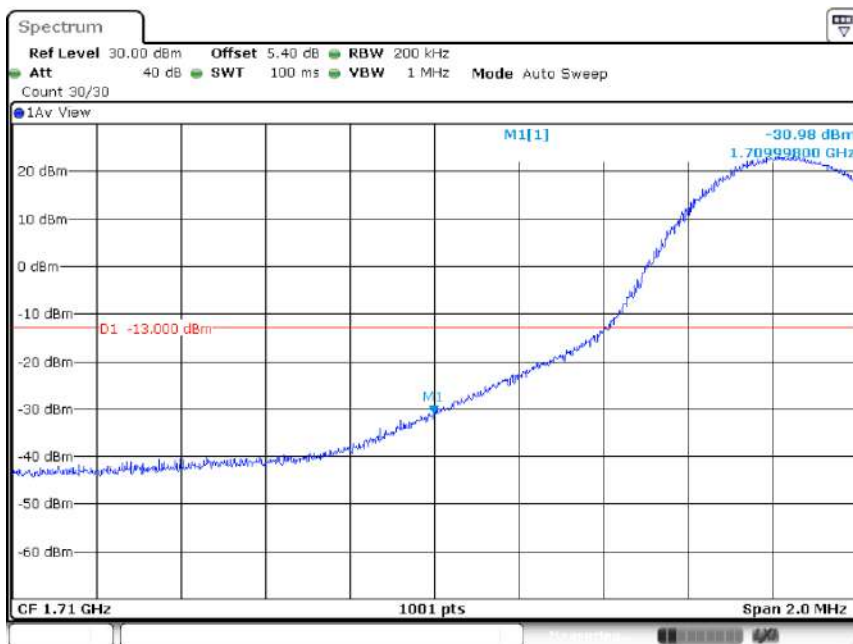
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## Band4-15MHz-QPSK-20325-75RB#0



Date: 11.OCT.2020 19:13:42

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



Date: 11.OCT.2020 19:12:11



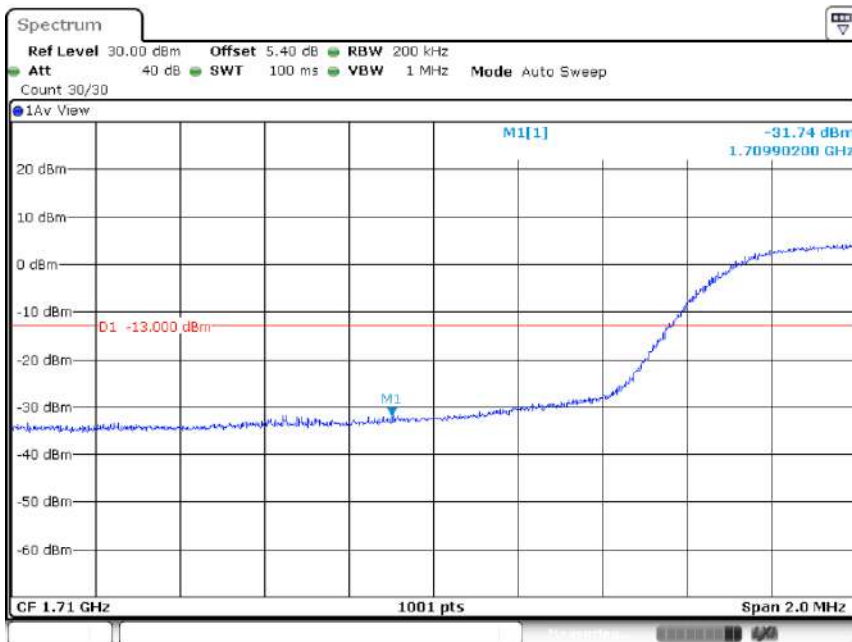
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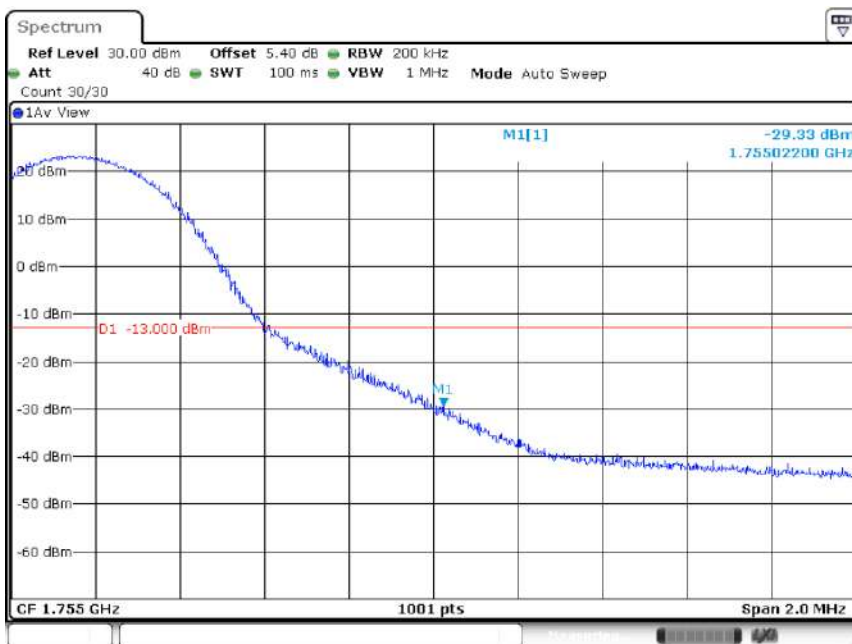
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## Band4-15MHz-16QAM-20025-75RB#0



Date: 11.OCT.2020 19:12:44

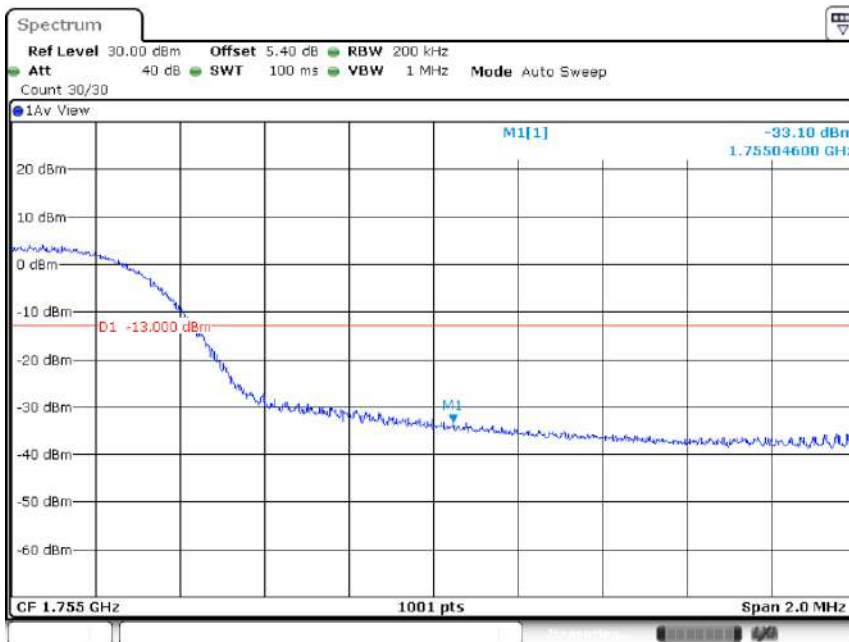
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Date: 11.OCT.2020 19:13:26

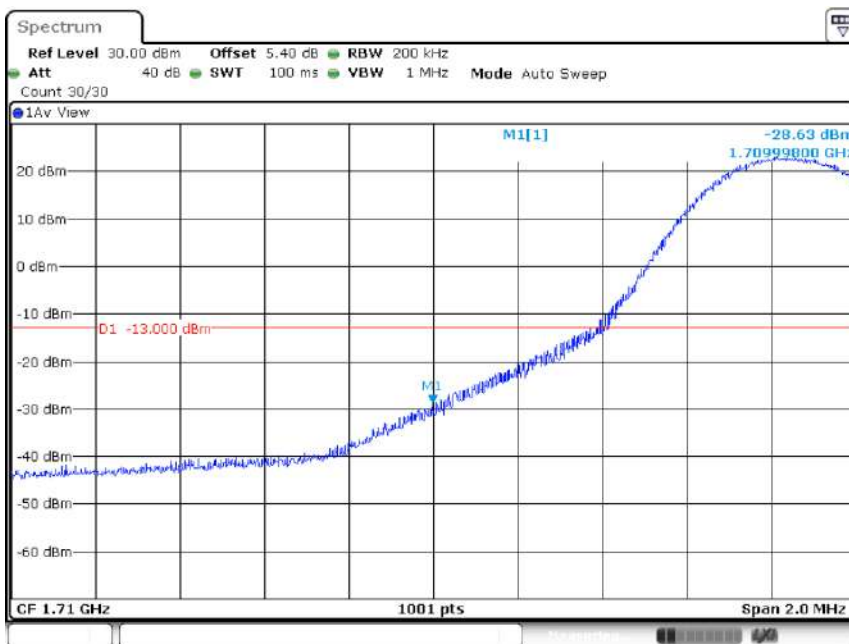


**Band4-15MHz-16QAM-20325-75RB#0**



Date: 11.OCT.2020 19:13:59

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

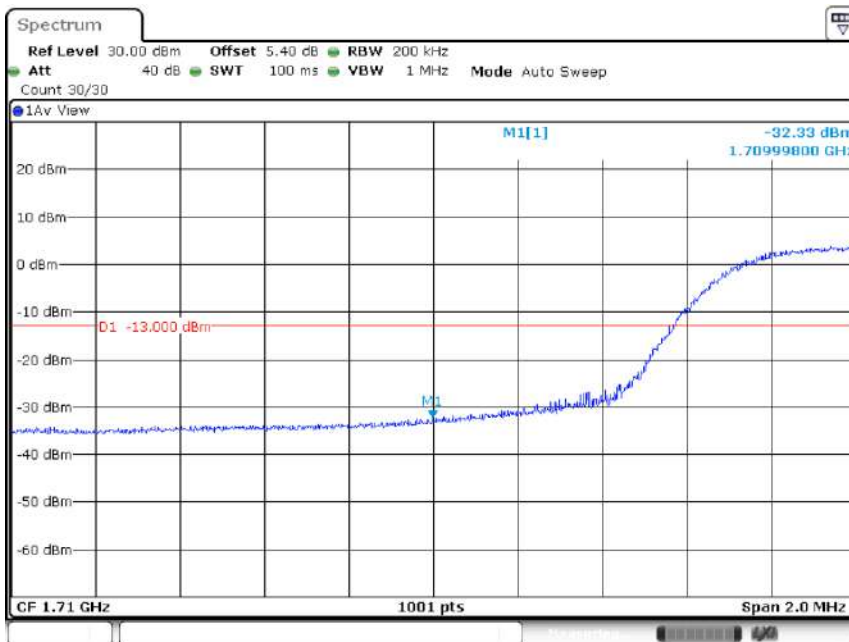


Date: 14.OCT.2020 10:50:53



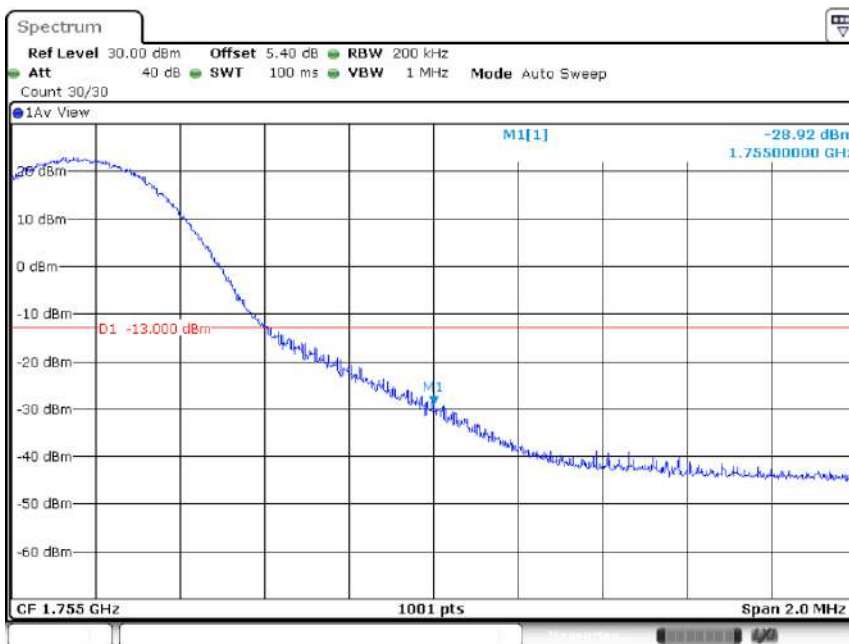
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**Band4-15MHz-64QAM-20025-75RB#0**



Date: 14.OCT.2020 10:51:09

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



Date: 14.OCT.2020 10:51:34

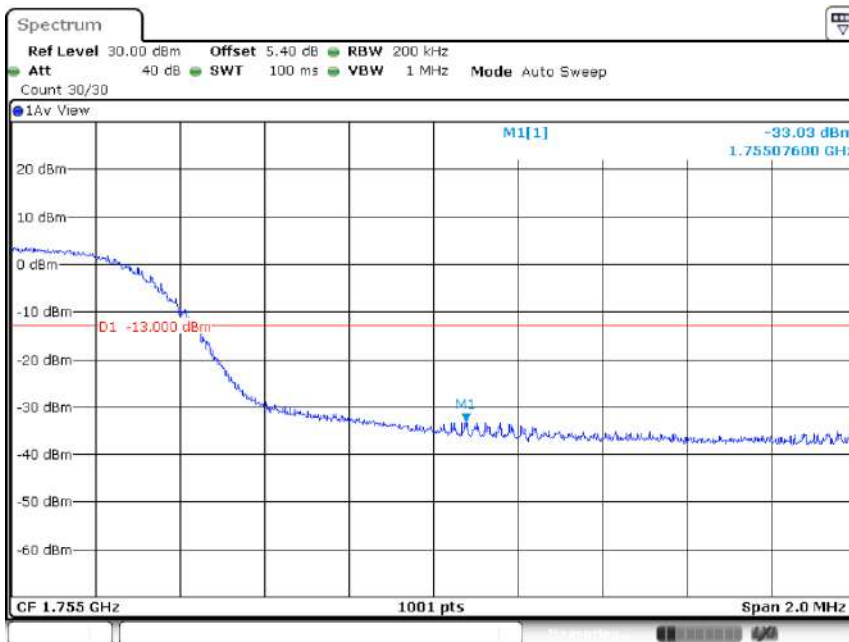


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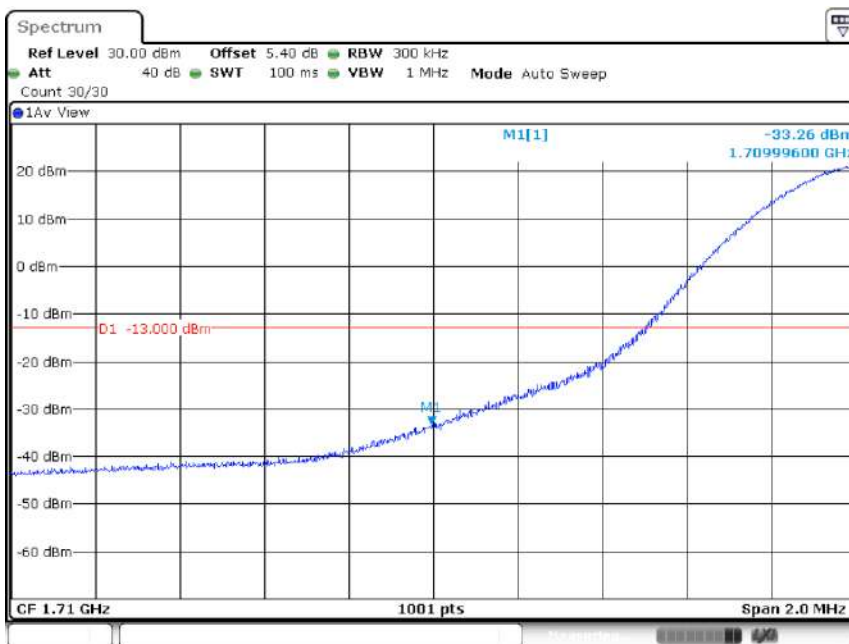
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**Band4-15MHz-64QAM-20325-75RB#0**



Date: 14.OCT.2020 10:51:51

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



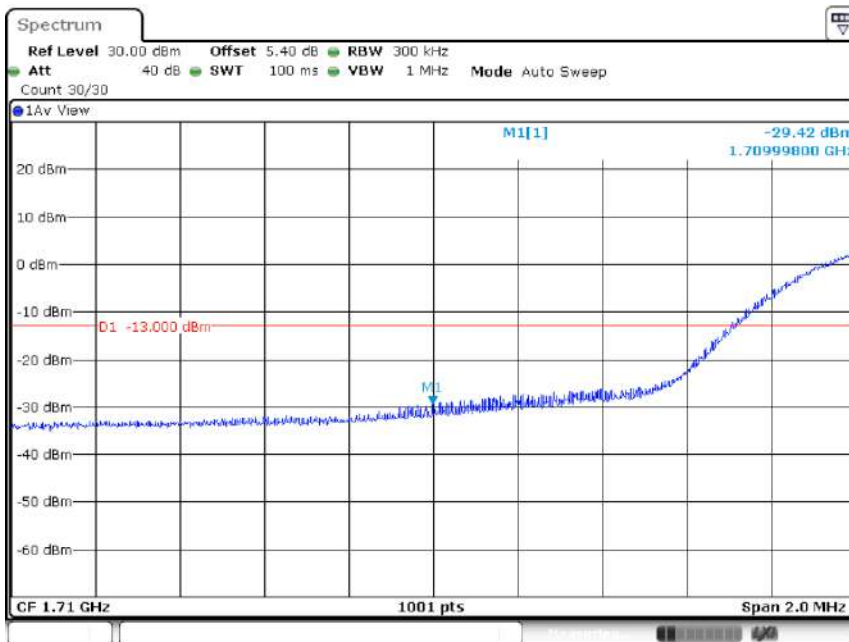
Date: 11.OCT.2020 19:14:23



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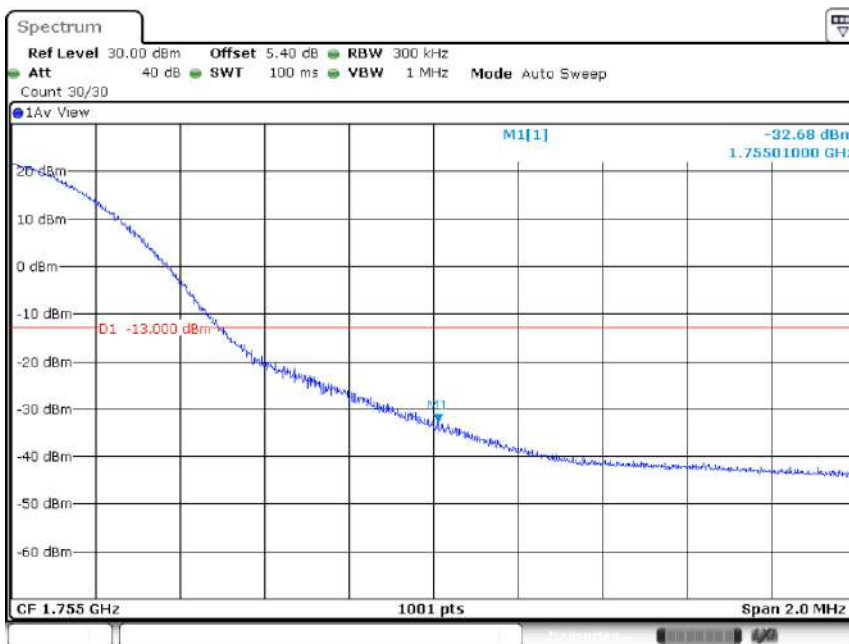
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**Band4-20MHz-QPSK-20050-100RB#0**



Date: 11.OCT.2020 19:14:57

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



Date: 11.OCT.2020 19:15:38

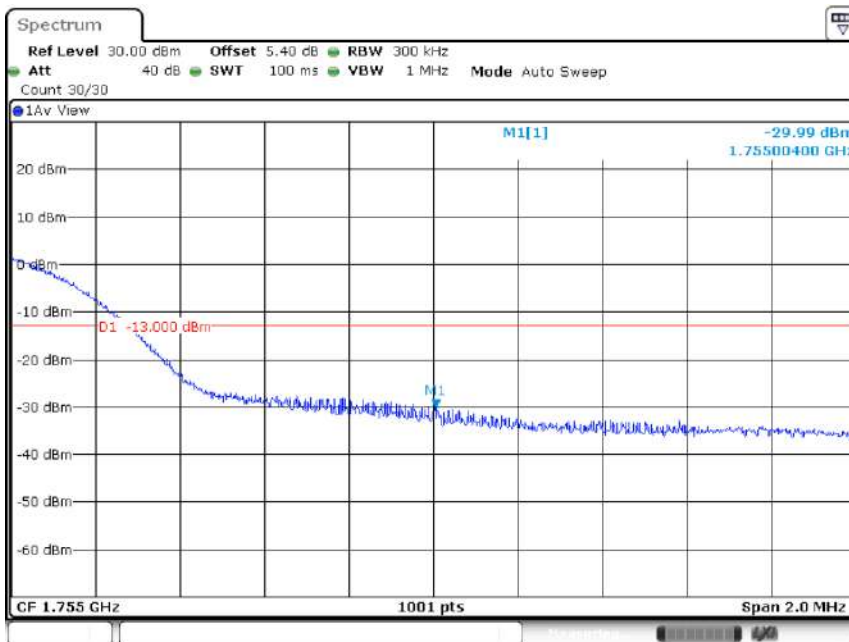


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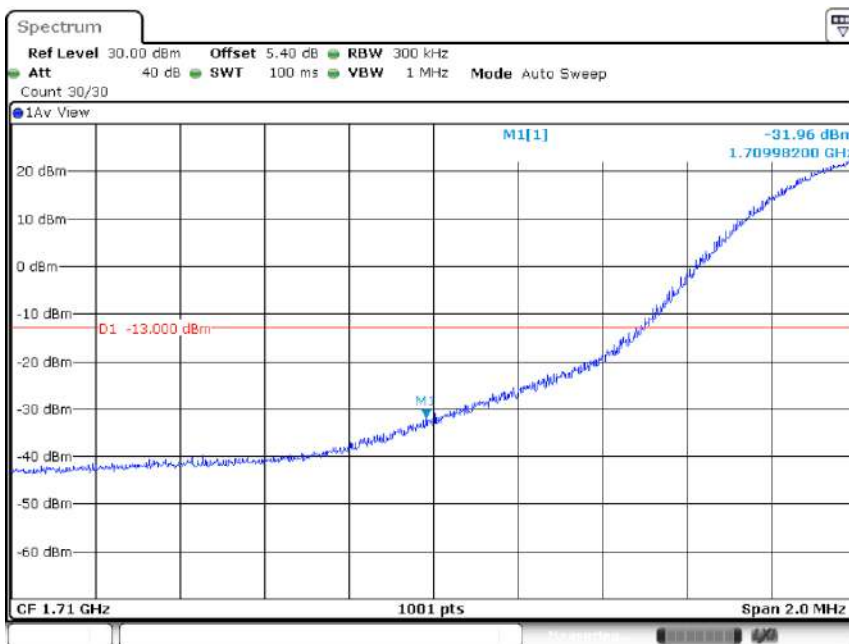
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**Band4-20MHz-QPSK-20300-100RB#0**



Date: 11.OCT.2020 19:16:11

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



Date: 11.OCT.2020 19:14:40



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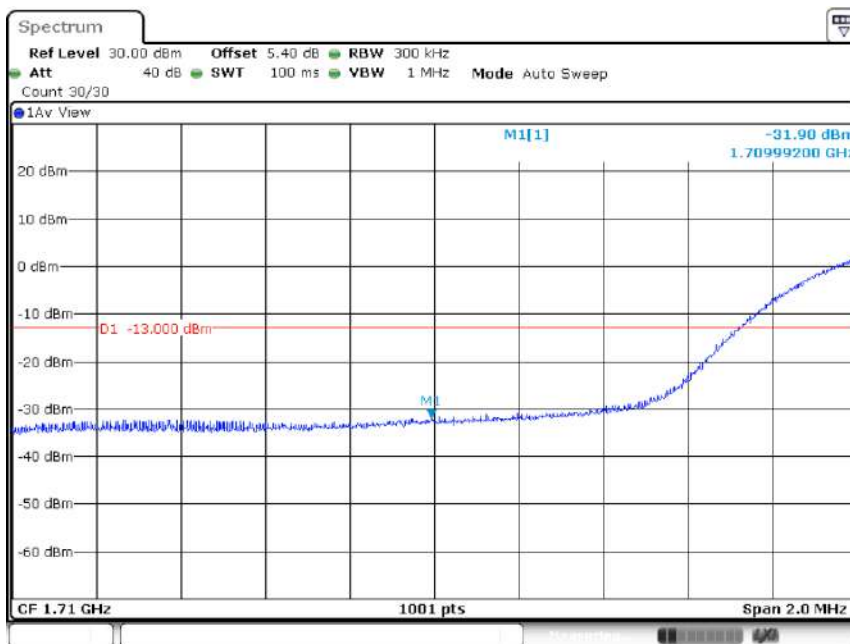
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## Band4-20MHz-16QAM-20050-100RB#0



Date: 11.OCT.2020 19:15:13

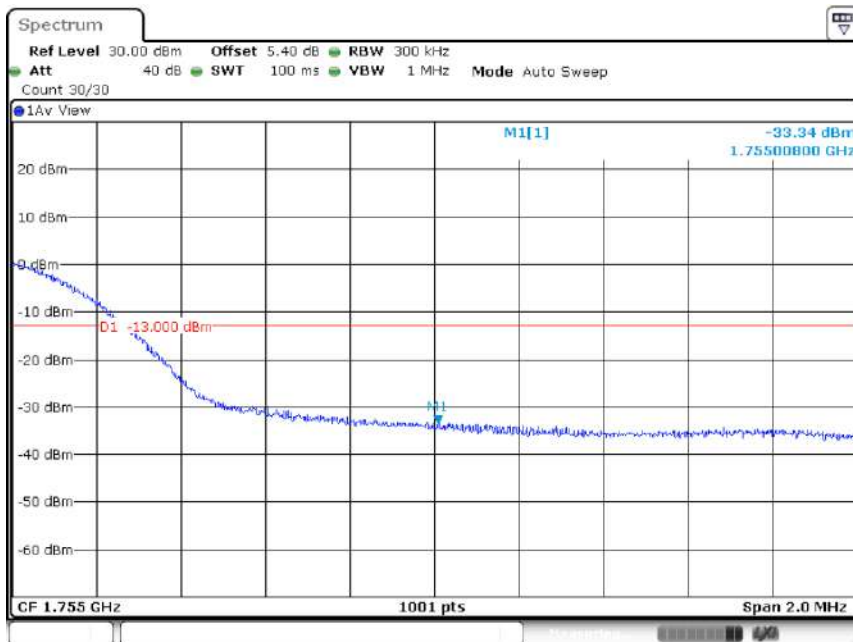
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Date: 11.OCT.2020 19:15:55

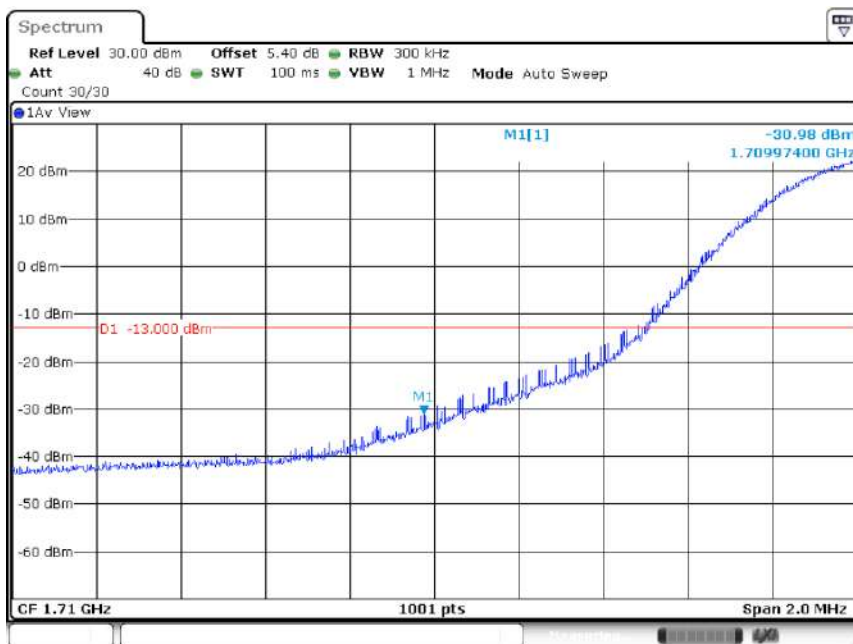


**Band4-20MHz-16QAM-20300-100RB#0**



Date: 11.OCT.2020 19:16:28

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



Date: 14.OCT.2020 10:52:19

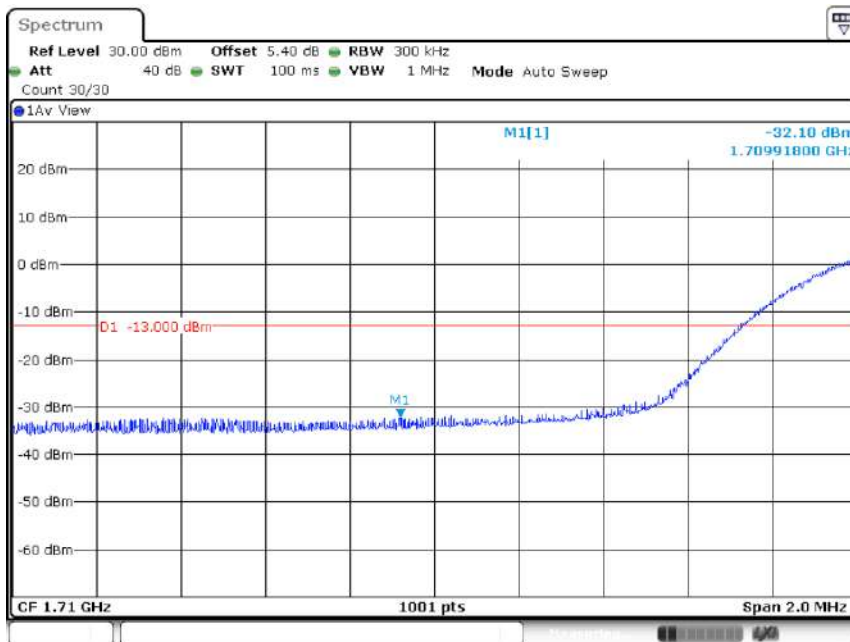


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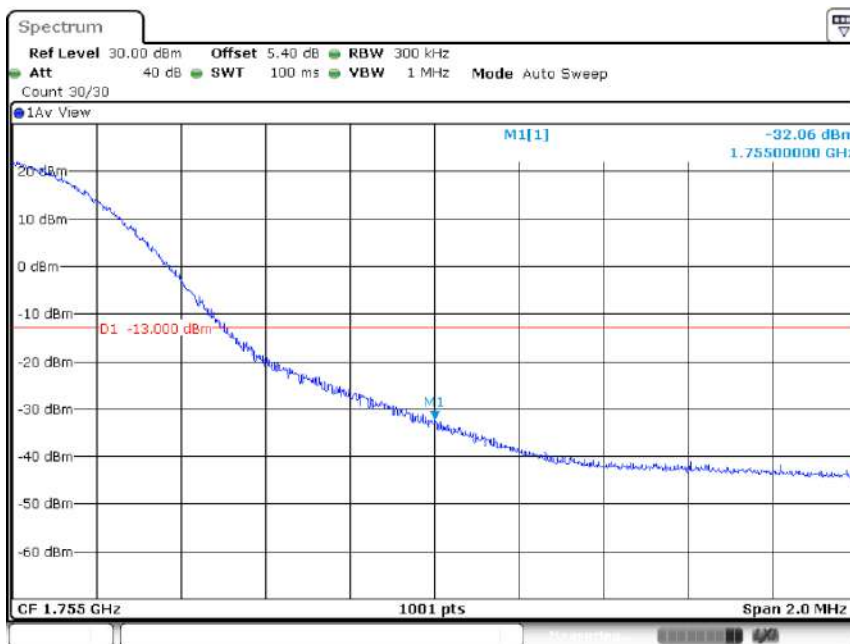
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## Band4-20MHz-64QAM-20050-100RB#0



Date: 14.OCT.2020 10:52:35

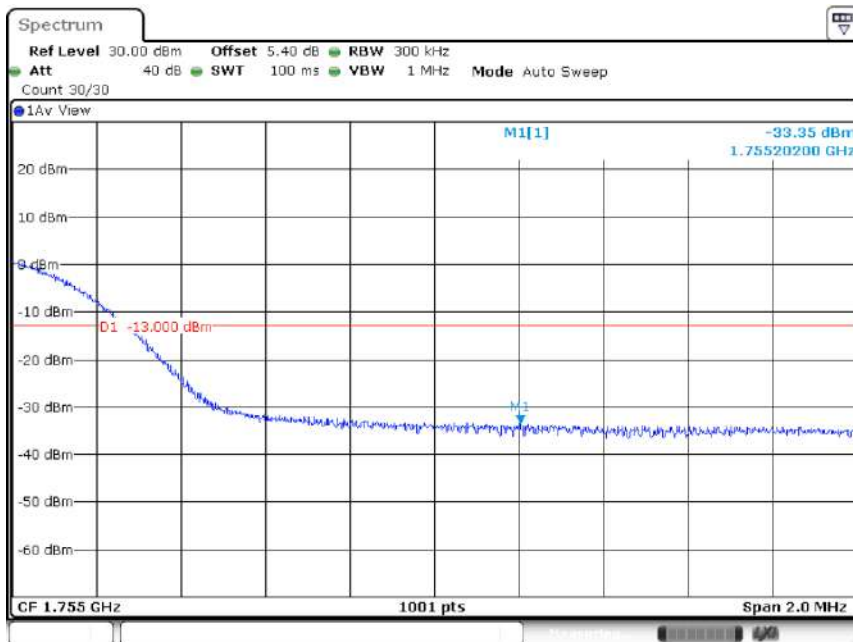
## Band4-20MHz-64QAM-20300-1RB#99



Date: 14.OCT.2020 10:53:01



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



Date: 14.OCT.2020 10:53:17



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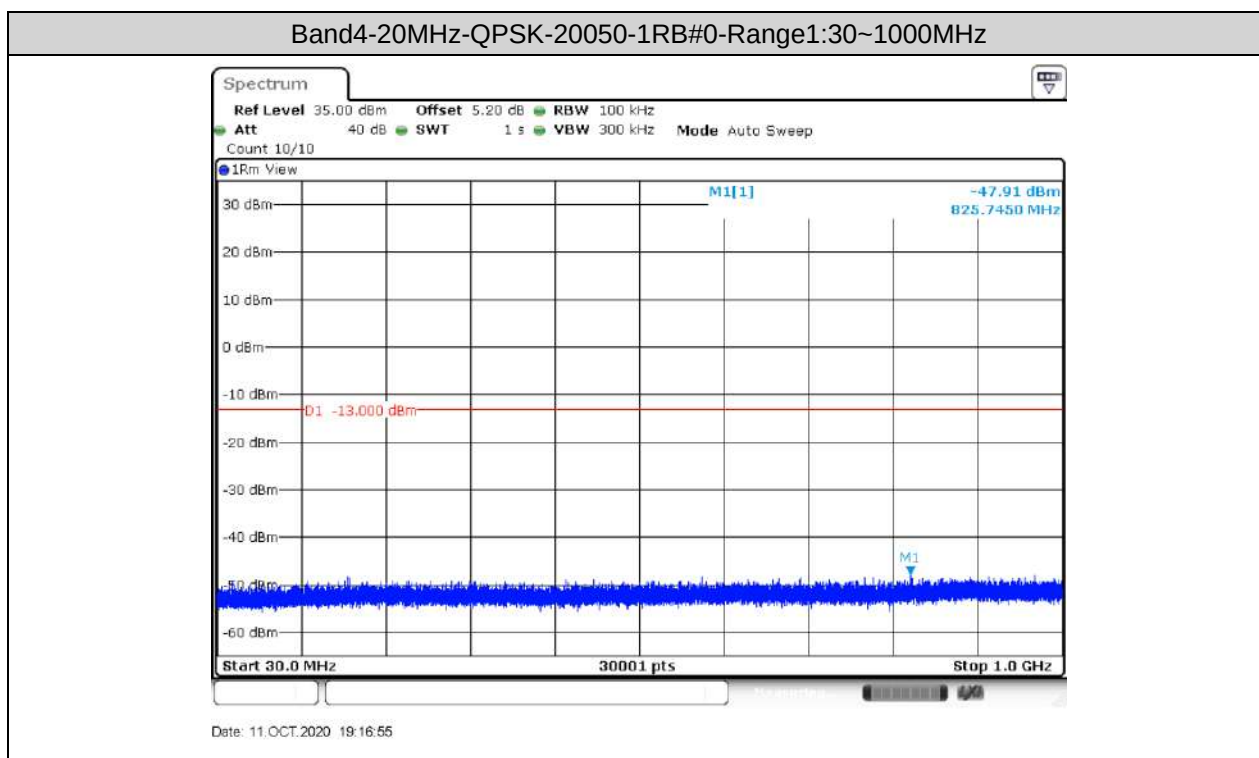
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## 6 Spurious Emission at Antenna Terminal

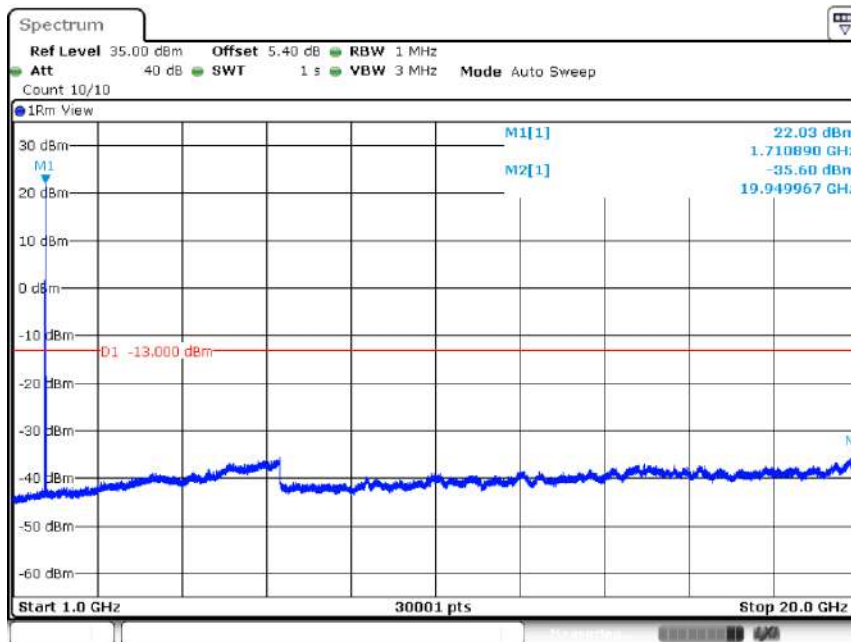
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of  $< RBW/2$  so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points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

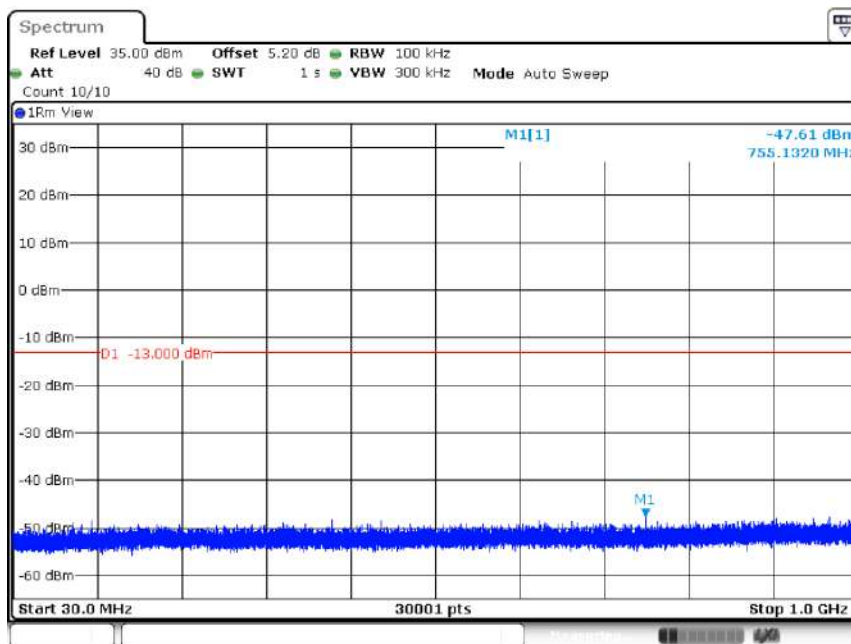


**Band4-20MHz-QPSK-20050-1RB#0-Range2:1000~20000MHz**



Date: 11.OCT.2020 19:17:13

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



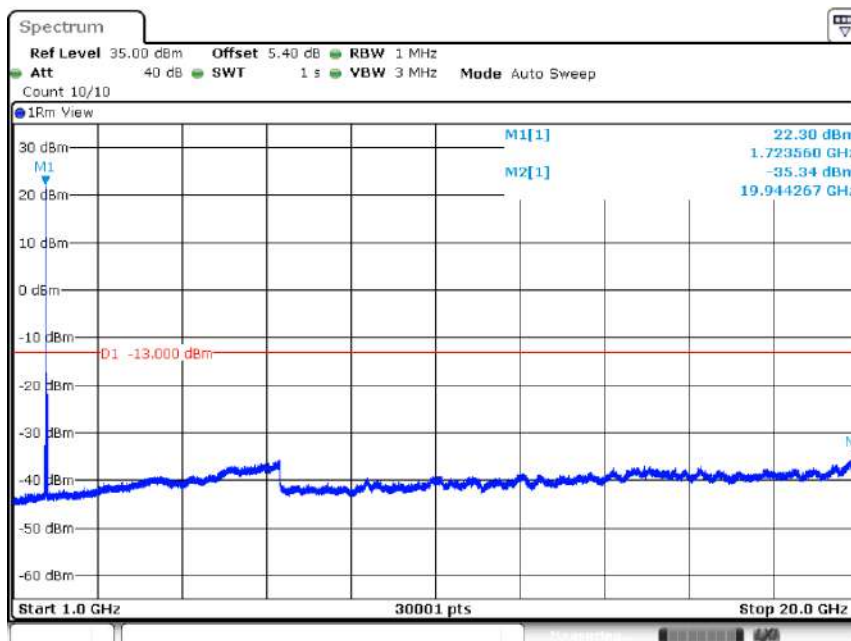
Date: 11.OCT.2020 19:18:14



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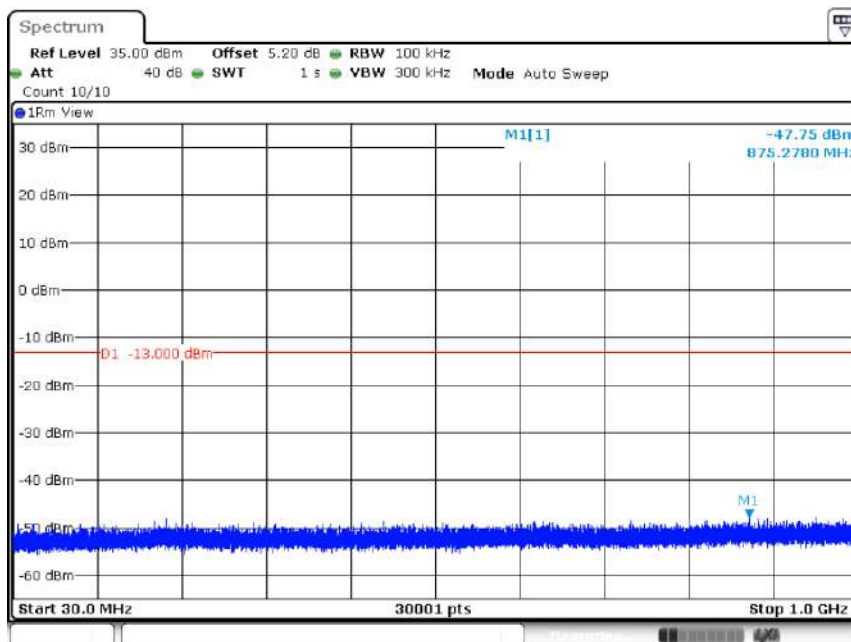
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## Band4-20MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz



Date: 11.OCT.2020 19:18:31

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



Date: 11.OCT.2020 19:19:32



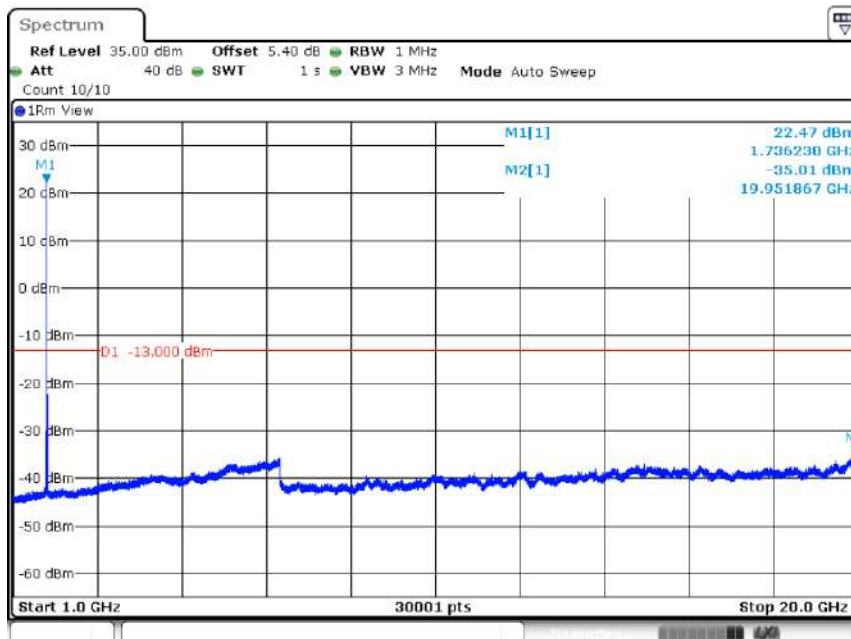
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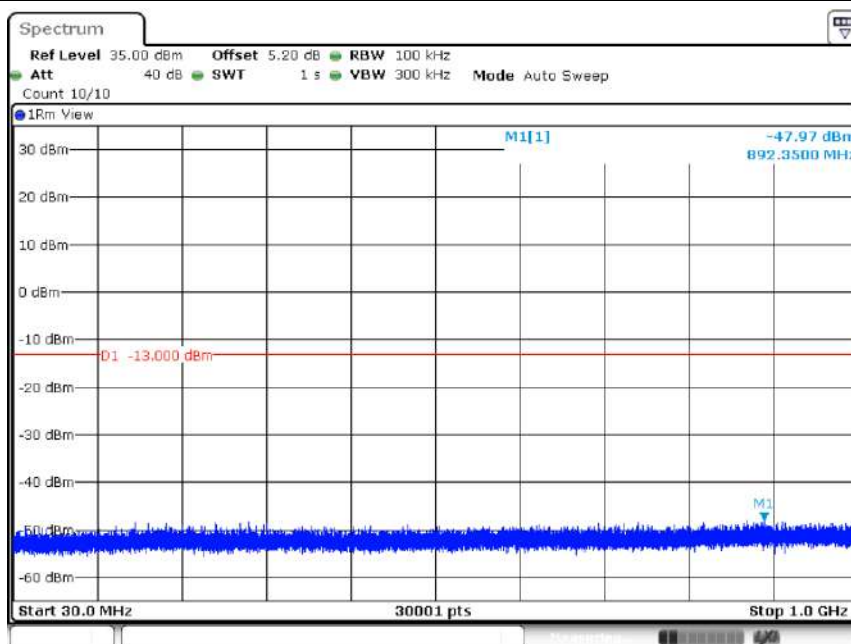
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## Band4-20MHz-QPSK-20300-1RB#0-Range2:1000~20000MHz



Date: 11.OCT.2020 19:19:49

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



Date: 11.OCT.2020 19:17:35



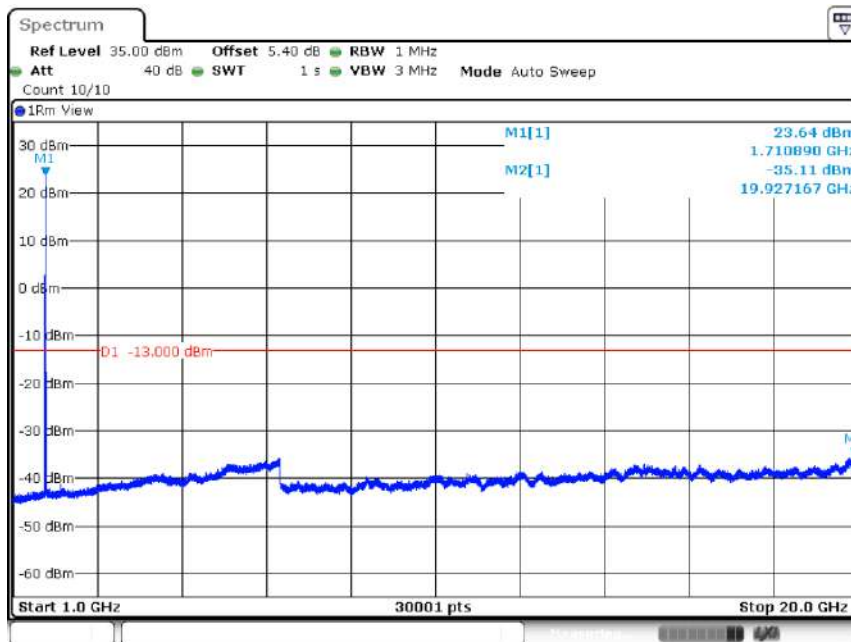
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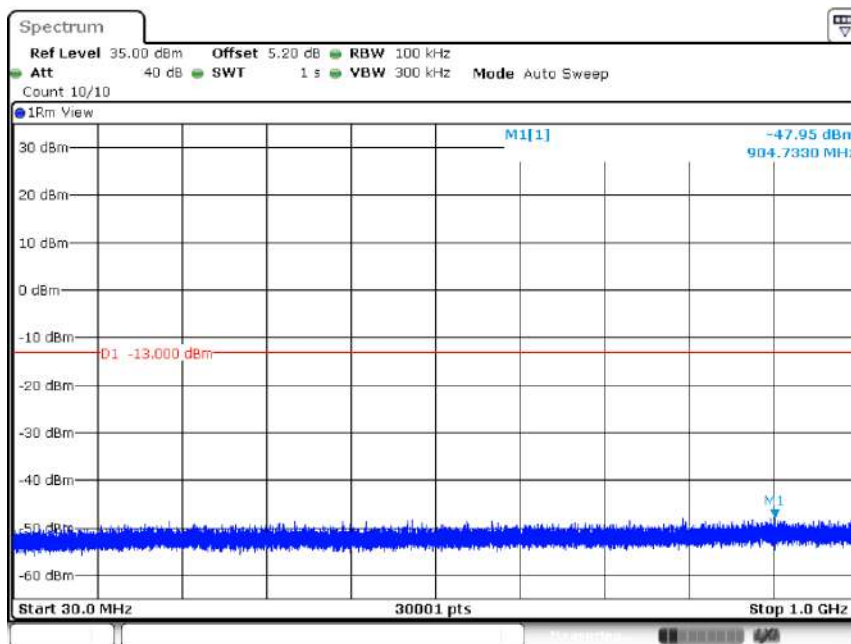
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## Band4-20MHz-16QAM-20050-1RB#0-Range2:1000~20000MHz



Date: 11.OCT.2020 19:17:52

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



Date: 11.OCT.2020 19:18:53



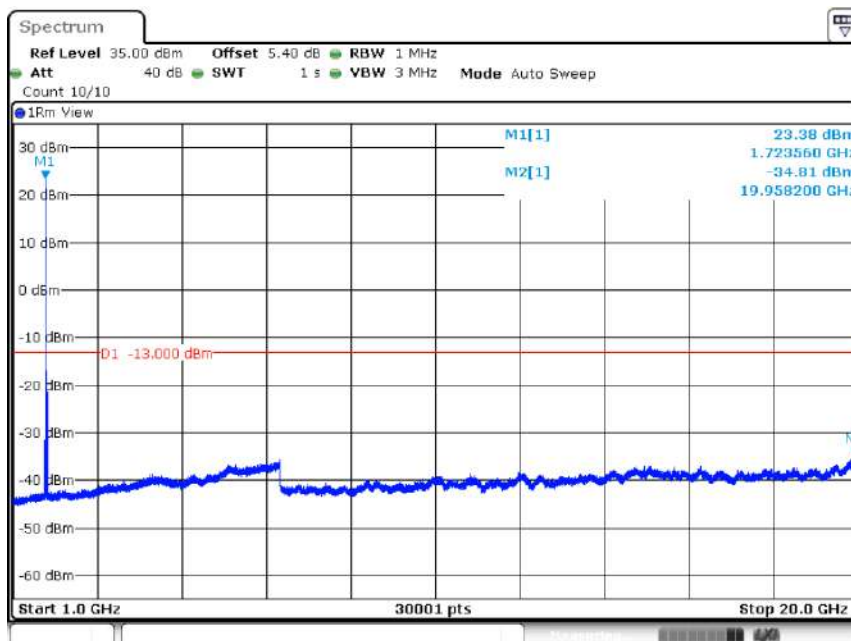
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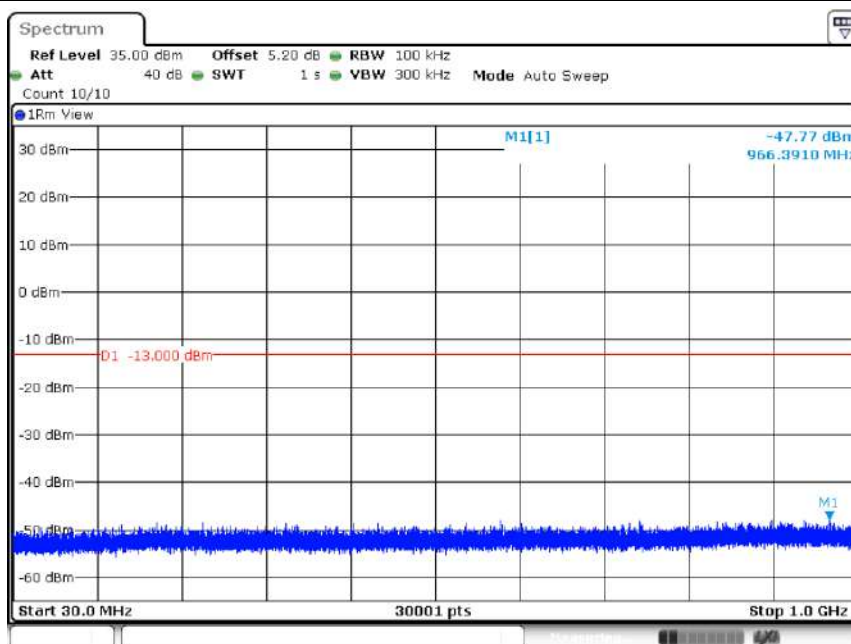
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Band4-20MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz



Date: 11.OCT.2020 19:19:10

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



Date: 11.OCT.2020 19:20:11



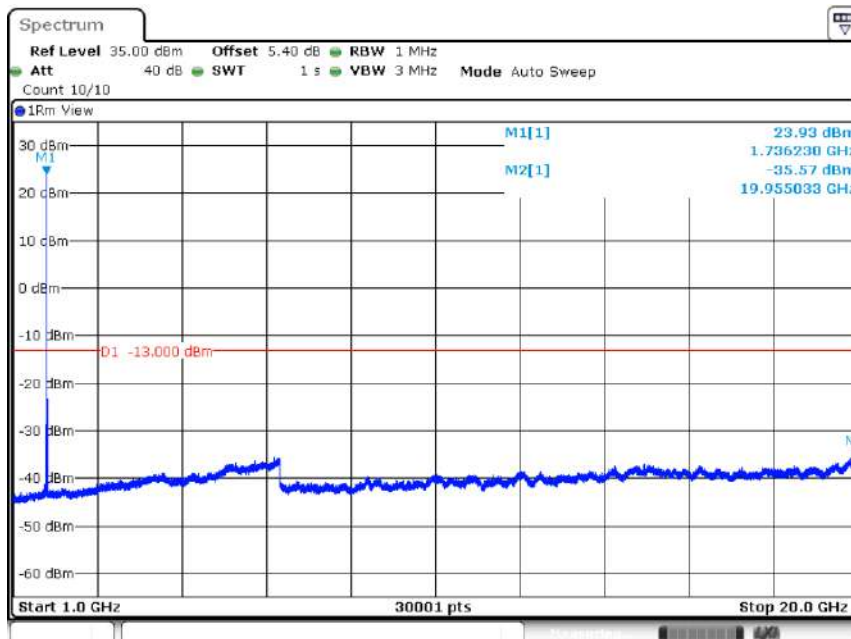
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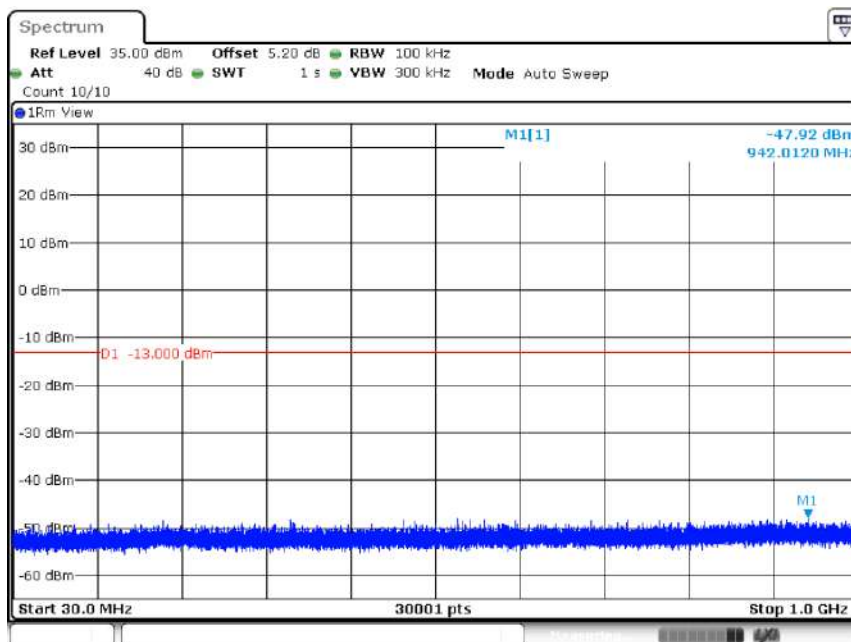
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**Band4-20MHz-16QAM-20300-1RB#0-Range2:1000~20000MHz**



Date: 11.OCT.2020 19:20:28

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



Date: 14.OCT.2020 10:53:45

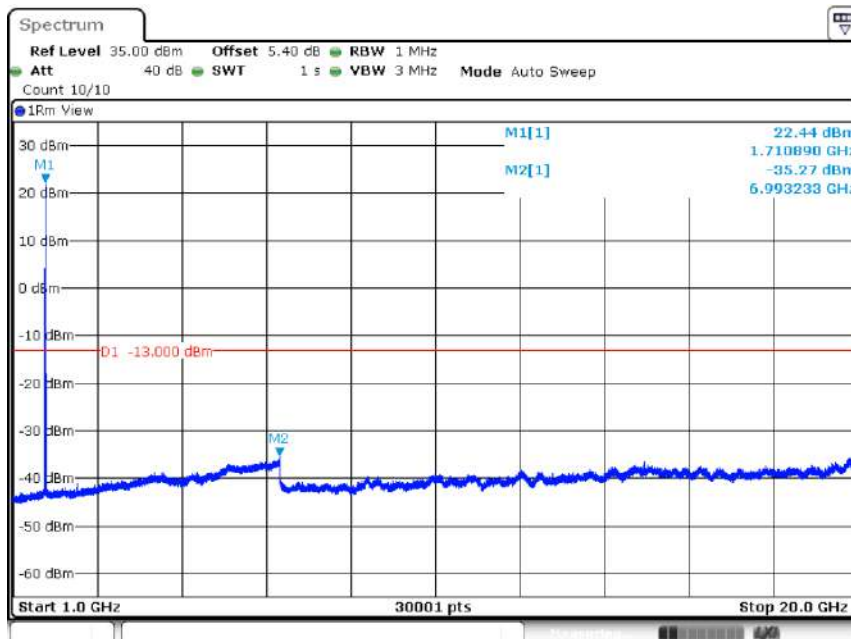


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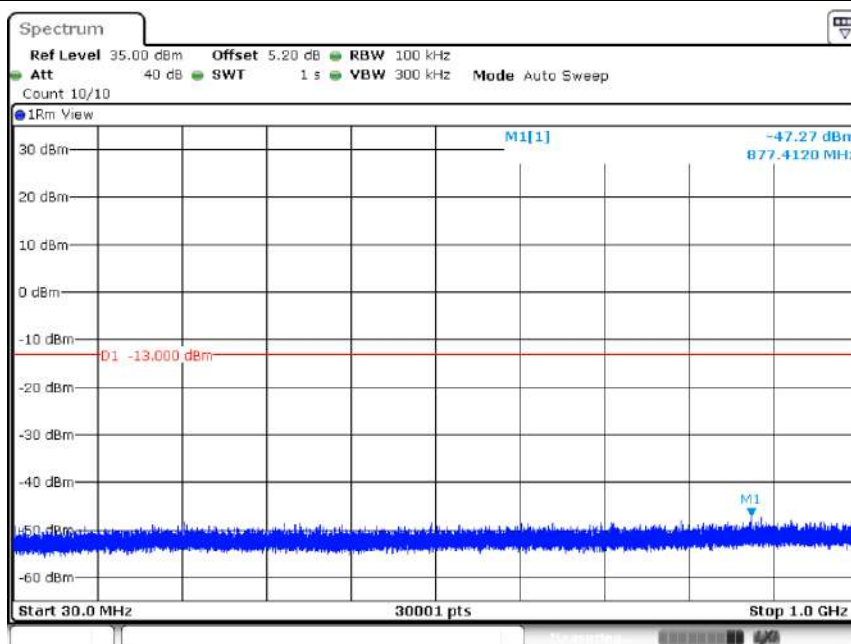
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**Band4-20MHz-64QAM-20050-1RB#0-Range2:1000~20000MHz**



Date: 14.OCT.2020 10:54:02

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



Date: 14.OCT.2020 10:54:24

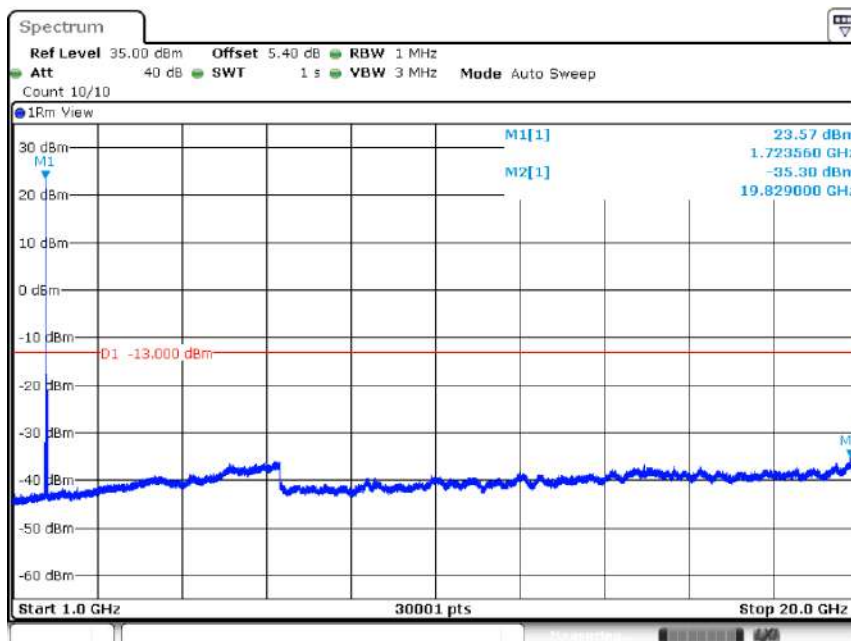


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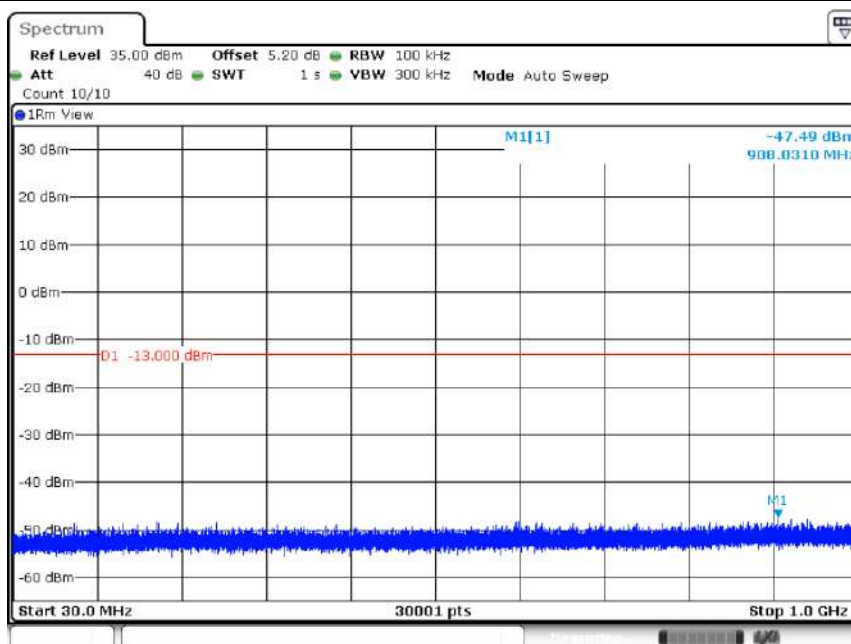
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## Band4-20MHz-64QAM-20175-1RB#0-Range2:1000~20000MHz



Date: 14.OCT.2020 10:54:41

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



Date: 14.OCT.2020 10:55:03



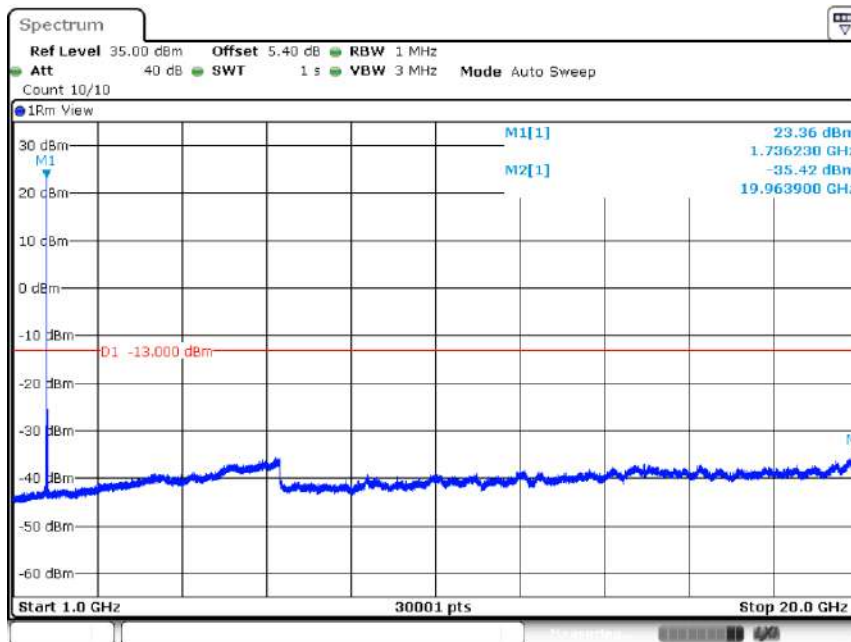
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**Band4-20MHz-64QAM-20300-1RB#0-Range2:1000~20000MHz**



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## 7 Field Strength of Spurious Radiation

### 7.1 Test Mode =LTE/TM1 20MHz(Ant1)

#### 7.1.1 Test Channel = LCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 30.1455         | -75.41      | -13.00           | 62.41       | Vertical     |
| 111.4841        | -65.23      | -13.00           | 52.23       | Vertical     |
| 449.7885        | -67.58      | -13.00           | 54.58       | Vertical     |
| 3422.0141       | -61.90      | -13.00           | 48.90       | Vertical     |
| 7414.6472       | -56.37      | -13.00           | 43.37       | Vertical     |
| 17999.5000      | -40.72      | -13.00           | 27.72       | Vertical     |
| 46.2483         | -64.10      | -13.00           | 51.10       | Horizontal   |
| 104.6937        | -75.91      | -13.00           | 62.91       | Horizontal   |
| 238.1239        | -68.68      | -13.00           | 55.68       | Horizontal   |
| 3640.5214       | -61.33      | -13.00           | 48.33       | Horizontal   |
| 7450.6484       | -56.61      | -13.00           | 43.61       | Horizontal   |
| 16400.4467      | -43.11      | -13.00           | 30.11       | Horizontal   |

#### 7.1.2 Test Channel = MCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 30.9700         | -75.33      | -13.00           | 62.33       | Vertical     |
| 114.8307        | -65.35      | -13.00           | 52.35       | Vertical     |
| 369.6140        | -68.25      | -13.00           | 55.25       | Vertical     |
| 3733.5245       | -62.35      | -13.00           | 49.35       | Vertical     |
| 7349.6450       | -56.31      | -13.00           | 43.31       | Vertical     |
| 17997.9999      | -40.46      | -13.00           | 27.46       | Vertical     |
| 43.1927         | -64.97      | -13.00           | 51.97       | Horizontal   |
| 78.1144         | -76.38      | -13.00           | 63.38       | Horizontal   |
| 228.5204        | -68.88      | -13.00           | 55.88       | Horizontal   |
| 3630.0210       | -61.14      | -13.00           | 48.14       | Horizontal   |
| 7459.1486       | -56.76      | -13.00           | 43.76       | Horizontal   |
| 16394.4465      | -44.04      | -13.00           | 31.04       | Horizontal   |



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### 7.1.3 Test Channel = HCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 31.2611         | -75.84      | -13.00           | 62.84       | Vertical     |
| 112.1631        | -64.95      | -13.00           | 51.95       | Vertical     |
| 348.5639        | -68.34      | -13.00           | 55.34       | Vertical     |
| 3573.0191       | -62.25      | -13.00           | 49.25       | Vertical     |
| 7404.1468       | -56.18      | -13.00           | 43.18       | Vertical     |
| 17999.0000      | -40.61      | -13.00           | 27.61       | Vertical     |
| 39.3610         | -64.15      | -13.00           | 51.15       | Horizontal   |
| 89.5125         | -76.38      | -13.00           | 63.38       | Horizontal   |
| 230.4120        | -68.87      | -13.00           | 55.87       | Horizontal   |
| 3637.5213       | -61.26      | -13.00           | 48.26       | Horizontal   |
| 7338.1446       | -57.00      | -13.00           | 44.00       | Horizontal   |
| 16387.9463      | -43.65      | -13.00           | 30.65       | Horizontal   |

### 7.2 Test Mode = LTE/TM1 20MHz(Ant2)

#### 7.2.1 Test Channel = LCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 31.3581         | -75.20      | -13.00           | 62.20       | Vertical     |
| 115.2673        | -65.97      | -13.00           | 52.97       | Vertical     |
| 519.8260        | -66.86      | -13.00           | 53.86       | Vertical     |
| 3742.0247       | -61.97      | -13.00           | 48.97       | Vertical     |
| 7358.6453       | -55.90      | -13.00           | 42.90       | Vertical     |
| 17996.4999      | -40.37      | -13.00           | 27.37       | Vertical     |
| 43.2897         | -63.59      | -13.00           | 50.59       | Horizontal   |
| 98.6794         | -75.59      | -13.00           | 62.59       | Horizontal   |
| 239.0940        | -68.86      | -13.00           | 55.86       | Horizontal   |
| 3655.0218       | -61.40      | -13.00           | 48.40       | Horizontal   |
| 7394.1465       | -56.39      | -13.00           | 43.39       | Horizontal   |
| 16394.9465      | -42.74      | -13.00           | 29.74       | Horizontal   |



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## 7.2.2 Test Channel = MCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 110.0775        | -64.71      | -13.00           | 51.71       | Vertical     |
| 597.4784        | -64.59      | -13.00           | 51.59       | Vertical     |
| 2699.5399       | -36.91      | -13.00           | 23.91       | Vertical     |
| 7342.1447       | -56.23      | -13.00           | 43.23       | Vertical     |
| 14479.8827      | -48.05      | -13.00           | 35.05       | Vertical     |
| 17998.5000      | -40.48      | -13.00           | 27.48       | Vertical     |
| 45.0843         | -64.57      | -13.00           | 51.57       | Horizontal   |
| 242.4406        | -69.09      | -13.00           | 56.09       | Horizontal   |
| 631.4301        | -63.51      | -13.00           | 50.51       | Horizontal   |
| 2709.1418       | -35.66      | -13.00           | 22.66       | Horizontal   |
| 7360.6454       | -56.90      | -13.00           | 43.90       | Horizontal   |
| 16400.4467      | -43.82      | -13.00           | 30.82       | Horizontal   |

## 7.2.3 Test Channel = HCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 30.9215         | -75.37      | -13.00           | 62.37       | Vertical     |
| 114.3457        | -65.09      | -13.00           | 52.09       | Vertical     |
| 302.4866        | -69.70      | -13.00           | 56.70       | Vertical     |
| 5111.5704       | -62.11      | -13.00           | 49.11       | Vertical     |
| 7403.6468       | -56.37      | -13.00           | 43.37       | Vertical     |
| 17996.4999      | -40.39      | -13.00           | 27.39       | Vertical     |
| 44.5022         | -64.19      | -13.00           | 51.19       | Horizontal   |
| 81.3641         | -75.62      | -13.00           | 62.62       | Horizontal   |
| 247.7759        | -68.57      | -13.00           | 55.57       | Horizontal   |
| 3632.5211       | -61.52      | -13.00           | 48.52       | Horizontal   |
| 7368.1456       | -56.84      | -13.00           | 43.84       | Horizontal   |
| 16389.9463      | -44.14      | -13.00           | 31.14       | 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.





## 8 Frequency Stability

### 8.1 Frequency Vs Voltage

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Voltage       |                  | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|-------|-----------|------------|---------|------------------|---------------|------------------|----------------|-----------------|-------------|---------|
|       |           |            |         |                  | Voltage [Vdc] | Temperature (°C) |                |                 |             |         |
| Band4 | 20MHz     | QPSK       | 20050   | 100RB#0          | VL            | NT               | 7.50           | 0.004360        | ±2.5        | PASS    |
| Band4 | 20MHz     | QPSK       | 20050   | 100RB#0          | VN            | NT               | 1.10           | 0.000640        | ±2.5        | PASS    |
| Band4 | 20MHz     | QPSK       | 20050   | 100RB#0          | VH            | NT               | 0.80           | 0.000465        | ±2.5        | PASS    |
| Band4 | 20MHz     | QPSK       | 20175   | 100RB#0          | VL            | NT               | 3.60           | 0.002078        | ±2.5        | PASS    |
| Band4 | 20MHz     | QPSK       | 20175   | 100RB#0          | VN            | NT               | 1.30           | 0.000750        | ±2.5        | PASS    |
| Band4 | 20MHz     | QPSK       | 20175   | 100RB#0          | VH            | NT               | -1.30          | -0.000750       | ±2.5        | PASS    |
| Band4 | 20MHz     | QPSK       | 20300   | 100RB#0          | VL            | NT               | -1.00          | -0.000573       | ±2.5        | PASS    |
| Band4 | 20MHz     | QPSK       | 20300   | 100RB#0          | VN            | NT               | 1.00           | 0.000573        | ±2.5        | PASS    |
| Band4 | 20MHz     | QPSK       | 20300   | 100RB#0          | VH            | NT               | 0.80           | 0.000458        | ±2.5        | PASS    |
| Band4 | 20MHz     | 16QAM      | 20050   | 100RB#0          | VL            | NT               | 3.90           | 0.002267        | ±2.5        | PASS    |
| Band4 | 20MHz     | 16QAM      | 20050   | 100RB#0          | VN            | NT               | 1.40           | 0.000814        | ±2.5        | PASS    |
| Band4 | 20MHz     | 16QAM      | 20050   | 100RB#0          | VH            | NT               | 1.90           | 0.001105        | ±2.5        | PASS    |
| Band4 | 20MHz     | 16QAM      | 20175   | 100RB#0          | VL            | NT               | 3.30           | 0.001905        | ±2.5        | PASS    |
| Band4 | 20MHz     | 16QAM      | 20175   | 100RB#0          | VN            | NT               | 1.00           | 0.000577        | ±2.5        | PASS    |
| Band4 | 20MHz     | 16QAM      | 20175   | 100RB#0          | VH            | NT               | 1.60           | 0.000924        | ±2.5        | PASS    |
| Band4 | 20MHz     | 16QAM      | 20300   | 100RB#0          | VL            | NT               | -2.60          | -0.001490       | ±2.5        | PASS    |
| Band4 | 20MHz     | 16QAM      | 20300   | 100RB#0          | VN            | NT               | -1.20          | -0.000688       | ±2.5        | PASS    |
| Band4 | 20MHz     | 16QAM      | 20300   | 100RB#0          | VH            | NT               | 1.60           | 0.000917        | ±2.5        | PASS    |
| Band4 | 20MHz     | 64QAM      | 20050   | 100RB#0          | VL            | NT               | 2.40           | 0.001395        | ±2.5        | PASS    |
| Band4 | 20MHz     | 64QAM      | 20050   | 100RB#0          | VN            | NT               | 0.10           | 0.000058        | ±2.5        | PASS    |
| Band4 | 20MHz     | 64QAM      | 20050   | 100RB#0          | VH            | NT               | 2.70           | 0.001570        | ±2.5        | PASS    |
| Band4 | 20MHz     | 64QAM      | 20175   | 100RB#0          | VL            | NT               | 3.00           | 0.001732        | ±2.5        | PASS    |
| Band4 | 20MHz     | 64QAM      | 20175   | 100RB#0          | VN            | NT               | 0.90           | 0.000519        | ±2.5        | PASS    |
| Band4 | 20MHz     | 64QAM      | 20175   | 100RB#0          | VH            | NT               | 3.60           | 0.002078        | ±2.5        | PASS    |
| Band4 | 20MHz     | 64QAM      | 20300   | 100RB#0          | VL            | NT               | -4.80          | -0.002751       | ±2.5        | PASS    |
| Band4 | 20MHz     | 64QAM      | 20300   | 100RB#0          | VN            | NT               | -2.20          | -0.001261       | ±2.5        | PASS    |
| Band4 | 20MHz     | 64QAM      | 20300   | 100RB#0          | VH            | NT               | -5.50          | -0.003152       | ±2.5        | PASS    |



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## 8.2 Frequency Vs Temperature

| 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              | 3.10           | 0.001802        | ±2.5        | PASS    |
| Band4       | 20MHz     | QPSK       | 20050   | 100RB#0      | NV            | -20              | 2.10           | 0.001221        | ±2.5        | PASS    |
| Band4       | 20MHz     | QPSK       | 20050   | 100RB#0      | NV            | -10              | 2.80           | 0.001628        | ±2.5        | PASS    |
| Band4       | 20MHz     | QPSK       | 20050   | 100RB#0      | NV            | 0                | 2.00           | 0.001163        | ±2.5        | PASS    |
| Band4       | 20MHz     | QPSK       | 20050   | 100RB#0      | NV            | 10               | 4.80           | 0.002791        | ±2.5        | PASS    |
| Band4       | 20MHz     | QPSK       | 20050   | 100RB#0      | NV            | 20               | 3.00           | 0.001744        | ±2.5        | PASS    |
| Band4       | 20MHz     | QPSK       | 20050   | 100RB#0      | NV            | 30               | 0.20           | 0.000116        | ±2.5        | PASS    |
| Band4       | 20MHz     | QPSK       | 20050   | 100RB#0      | NV            | 40               | 1.90           | 0.001105        | ±2.5        | PASS    |
| Band4       | 20MHz     | QPSK       | 20050   | 100RB#0      | NV            | 50               | 3.10           | 0.001802        | ±2.5        | PASS    |
| Band4       | 20MHz     | QPSK       | 20175   | 100RB#0      | NV            | -30              | -1.00          | -0.000577       | ±2.5        | PASS    |
| Band4       | 20MHz     | QPSK       | 20175   | 100RB#0      | NV            | -20              | 0.30           | 0.000173        | ±2.5        | PASS    |
| Band4       | 20MHz     | QPSK       | 20175   | 100RB#0      | NV            | -10              | 1.00           | 0.000577        | ±2.5        | PASS    |
| Band4       | 20MHz     | QPSK       | 20175   | 100RB#0      | NV            | 0                | 1.70           | 0.000981        | ±2.5        | PASS    |
| Band4       | 20MHz     | QPSK       | 20175   | 100RB#0      | NV            | 10               | -0.70          | -0.000404       | ±2.5        | PASS    |
| Band4       | 20MHz     | QPSK       | 20175   | 100RB#0      | NV            | 20               | 0.30           | 0.000173        | ±2.5        | PASS    |
| Band4       | 20MHz     | QPSK       | 20175   | 100RB#0      | NV            | 30               | 1.40           | 0.000808        | ±2.5        | PASS    |
| Band4       | 20MHz     | QPSK       | 20175   | 100RB#0      | NV            | 40               | 2.60           | 0.001501        | ±2.5        | PASS    |
| Band4       | 20MHz     | QPSK       | 20175   | 100RB#0      | NV            | 50               | 3.40           | 0.001962        | ±2.5        | PASS    |
| Band4       | 20MHz     | QPSK       | 20300   | 100RB#0      | NV            | -30              | -0.80          | -0.000458       | ±2.5        | PASS    |
| Band4       | 20MHz     | QPSK       | 20300   | 100RB#0      | NV            | -20              | -2.70          | -0.001547       | ±2.5        | PASS    |
| Band4       | 20MHz     | QPSK       | 20300   | 100RB#0      | NV            | -10              | -0.80          | -0.000458       | ±2.5        | PASS    |
| Band4       | 20MHz     | QPSK       | 20300   | 100RB#0      | NV            | 0                | -3.30          | -0.001891       | ±2.5        | PASS    |
| Band4       | 20MHz     | QPSK       | 20300   | 100RB#0      | NV            | 10               | -0.70          | -0.000401       | ±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            | 30               | 0.00           | 0.000000        | ±2.5        | PASS    |
| Band4       | 20MHz     | QPSK       | 20300   | 100RB#0      | NV            | 40               | -1.20          | -0.000688       | ±2.5        | PASS    |
| Band4       | 20MHz     | QPSK       | 20300   | 100RB#0      | NV            | 50               | -2.00          | -0.001146       | ±2.5        | PASS    |
| Band4       | 20MHz     | 16QAM      | 20050   | 100RB#0      | NV            | -30              | 3.10           | 0.001802        | ±2.5        | PASS    |
| Band4       | 20MHz     | 16QAM      | 20050   | 100RB#0      | NV            | -20              | 3.70           | 0.002151        | ±2.5        | PASS    |
| Band4       | 20MHz     | 16QAM      | 20050   | 100RB#0      | NV            | -10              | -0.70          | -0.000407       | ±2.5        | PASS    |
| Band4       | 20MHz     | 16QAM      | 20050   | 100RB#0      | NV            | 0                | 2.90           | 0.001686        | ±2.5        | PASS    |
| Band4       | 20MHz     | 16QAM      | 20050   | 100RB#0      | NV            | 10               | 6.20           | 0.003605        | ±2.5        | PASS    |
| Band4       | 20MHz     | 16QAM      | 20050   | 100RB#0      | NV            | 20               | 3.60           | 0.002093        | ±2.5        | PASS    |



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|       |       |       |       |         |    |     |       |           |      |      |
|-------|-------|-------|-------|---------|----|-----|-------|-----------|------|------|
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | NV | 30  | -0.30 | -0.000174 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | NV | 40  | 0.70  | 0.000407  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | NV | 50  | 3.30  | 0.001919  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | -30 | 1.00  | 0.000577  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | -20 | 2.80  | 0.001616  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | -10 | -0.90 | -0.000519 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | 0   | 2.40  | 0.001385  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | 10  | 1.90  | 0.001097  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | 20  | -0.50 | -0.000289 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | 30  | 4.50  | 0.002597  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | 40  | 0.20  | 0.000115  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | 50  | 1.80  | 0.001039  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | -30 | -2.50 | -0.001433 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | -20 | -2.30 | -0.001318 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | -10 | -1.70 | -0.000974 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | 0   | -2.40 | -0.001375 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | 10  | -3.70 | -0.002120 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | 20  | -0.40 | -0.000229 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | 30  | 1.30  | 0.000745  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | 40  | -2.30 | -0.001318 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | 50  | -1.80 | -0.001032 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | -30 | 4.40  | 0.002558  | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | -20 | -1.30 | -0.000756 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | -10 | 3.20  | 0.001860  | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | 0   | 4.10  | 0.002384  | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | 10  | 2.10  | 0.001221  | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | 20  | 2.30  | 0.001337  | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | 30  | -0.20 | -0.000116 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | 40  | 2.90  | 0.001686  | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | 50  | 3.90  | 0.002267  | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | NV | -30 | 1.80  | 0.001039  | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | NV | -20 | 1.10  | 0.000635  | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | NV | -10 | 0.60  | 0.000346  | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | NV | 0   | 3.70  | 0.002136  | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | NV | 10  | 2.30  | 0.001328  | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | NV | 20  | 0.70  | 0.000404  | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | NV | 30  | 1.30  | 0.000750  | ±2.5 | PASS |



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|       |       |       |       |         |    |     |       |           |      |      |
|-------|-------|-------|-------|---------|----|-----|-------|-----------|------|------|
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | NV | 40  | -1.20 | -0.000693 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | NV | 50  | 2.50  | 0.001443  | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | NV | -30 | -0.80 | -0.000458 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | NV | -20 | -2.00 | -0.001146 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | NV | -10 | 0.00  | 0.000000  | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | NV | 0   | -3.10 | -0.001777 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | NV | 10  | -5.20 | -0.002980 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | NV | 20  | -0.20 | -0.000115 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | NV | 30  | -0.90 | -0.000516 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | NV | 40  | -0.40 | -0.000229 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | NV | 50  | -2.60 | -0.001490 | ±2.5 | PASS |

The End



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