



# Appendix B

## E-UTRA Band 5



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## CONTENT

|                                                       |           |
|-------------------------------------------------------|-----------|
| <b>1 EFFECTIVE (ISOTROPIC) RADIATED POWER .....</b>   | <b>4</b>  |
| 1.1. TEST RESULT FOR DOWN ANT.....                    | 4         |
| 1.2. TEST RESULT FOR UP ANT.....                      | 11        |
| <b>2. PEAK-TO-AVERAGE RATIO (CCDF) .....</b>          | <b>20</b> |
| 2.1. TEST RESULT .....                                | 20        |
| 2.2. TEST PLOTS.....                                  | 20        |
| <b>3. MODULATION CHARACTERISTICS .....</b>            | <b>25</b> |
| 3.1. TEST MODE = LTE /TM1 10MHZ.....                  | 25        |
| 3.1.1. TEST CHANNEL = MCH .....                       | 25        |
| 3.2. TEST MODE = LTE /TM2 10MHZ.....                  | 26        |
| 3.2.1. TEST CHANNEL = MCH .....                       | 26        |
| 3.3. TEST MODE = LTE /TM3 10MHZ.....                  | 27        |
| 3.3.1. TEST CHANNEL = MCH .....                       | 27        |
| <b>4. 26DB BANDWIDTH AND OCCUPIED BANDWIDTH .....</b> | <b>28</b> |
| 4.1. TEST RESULT .....                                | 28        |
| 4.2. TEST PLOTS.....                                  | 29        |
| <b>5. BAND EDGE COMPLIANCE.....</b>                   | <b>47</b> |
| 5.1. TEST PLOTS.....                                  | 47        |
| <b>6. SPURIOUS EMISSION AT ANTENNA TERMINAL .....</b> | <b>71</b> |
| 6.1. TEST PLOTS.....                                  | 71        |
| <b>7. FIELD STRENGTH OF SPURIOUS RADIATION .....</b>  | <b>80</b> |
| 7.1. TEST MODE =LTE/TM1 (DOWN ANT) .....              | 80        |
| 7.1.1. TEST CHANNEL = LCH .....                       | 80        |
| 7.1.2. TEST CHANNEL = MCH .....                       | 80        |
| 7.1.3. TEST CHANNEL = HCH .....                       | 81        |
| 7.2. TEST MODE =LTE/TM1 (UP ANT) .....                | 81        |
| 7.2.1. TEST CHANNEL = LCH .....                       | 81        |
| 7.2.2. TEST CHANNEL = MCH .....                       | 81        |
| 7.2.3. TEST CHANNEL = HCH .....                       | 82        |



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|                                     |    |
|-------------------------------------|----|
| 8. FREQUENCY STABILITY .....        | 83 |
| 8.1. FREQUENCY VS VOLTAGE .....     | 83 |
| 8.2. FREQUENCY VS TEMPERATURE ..... | 83 |



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## 1 Effective (Isotropic) Radiated Power

### 1.1. Test Result for Down Ant

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Conducted Power(dBm) | ERP (dBm) | Limit (dBm) | Verdict |
|-------|-----------|------------|---------|------------------|----------------------|-----------|-------------|---------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0            | 22.28                | 19.23     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#2            | 22.39                | 19.34     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#5            | 22.50                | 19.45     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 3RB#1            | 22.37                | 19.32     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 3RB#0            | 22.46                | 19.41     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 3RB#3            | 22.48                | 19.43     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 6RB#0            | 21.49                | 18.44     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#5            | 22.50                | 19.45     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#0            | 22.54                | 19.49     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#2            | 22.49                | 19.44     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 3RB#0            | 22.55                | 19.50     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 3RB#1            | 22.62                | 19.57     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 3RB#3            | 22.58                | 19.53     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 6RB#0            | 21.55                | 18.50     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#2            | 22.65                | 19.60     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#0            | 22.61                | 19.56     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#5            | 22.61                | 19.56     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 3RB#3            | 22.59                | 19.54     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 3RB#1            | 22.60                | 19.55     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 3RB#0            | 22.51                | 19.46     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0            | 21.61                | 18.56     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20407   | 1RB#0            | 20.54                | 17.49     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20407   | 1RB#5            | 20.90                | 17.85     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20407   | 1RB#2            | 20.48                | 17.43     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20407   | 3RB#0            | 20.77                | 17.72     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20407   | 3RB#1            | 20.73                | 17.68     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20407   | 3RB#3            | 20.68                | 17.63     | 38.45       | PASS    |



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|       |        |       |       |       |       |       |       |      |
|-------|--------|-------|-------|-------|-------|-------|-------|------|
| Band5 | 1.4MHz | 64QAM | 20407 | 6RB#0 | 19.66 | 16.61 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 1RB#0 | 20.63 | 17.58 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 1RB#2 | 20.66 | 17.61 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 1RB#5 | 20.60 | 17.55 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 3RB#3 | 20.53 | 17.48 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 3RB#1 | 20.73 | 17.68 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 3RB#0 | 20.61 | 17.56 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 6RB#0 | 20.60 | 17.55 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 1RB#0 | 20.67 | 17.62 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 1RB#2 | 20.37 | 17.32 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 1RB#5 | 20.71 | 17.66 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 3RB#0 | 20.54 | 17.49 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 3RB#1 | 20.68 | 17.63 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 3RB#3 | 20.62 | 17.57 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 6RB#0 | 20.70 | 17.65 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#0 | 21.35 | 18.30 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#5 | 21.60 | 18.55 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#2 | 21.47 | 18.42 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#3 | 21.71 | 18.66 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#1 | 21.73 | 18.68 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#0 | 21.44 | 18.39 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | 20.59 | 17.54 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#0 | 21.82 | 18.77 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#2 | 21.90 | 18.85 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#5 | 21.88 | 18.83 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#0 | 21.65 | 18.60 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#1 | 21.54 | 18.49 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#3 | 21.53 | 18.48 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | 20.63 | 17.58 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#0 | 21.43 | 18.38 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#5 | 21.91 | 18.86 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#2 | 22.06 | 19.01 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#0 | 21.65 | 18.60 | 38.45 | PASS |



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|       |        |       |       |        |       |       |       |      |
|-------|--------|-------|-------|--------|-------|-------|-------|------|
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#1  | 21.53 | 18.48 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#3  | 21.48 | 18.43 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0  | 20.67 | 17.62 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#14 | 22.45 | 19.40 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#8  | 22.51 | 19.46 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#0  | 22.44 | 19.39 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#4  | 21.56 | 18.51 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#0  | 21.72 | 18.67 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#7  | 21.51 | 18.46 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 15RB#0 | 21.63 | 18.58 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#8  | 22.51 | 19.46 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#14 | 22.56 | 19.51 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#0  | 22.67 | 19.62 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 8RB#7  | 21.59 | 18.54 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 8RB#0  | 21.64 | 18.59 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 8RB#4  | 21.62 | 18.57 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 15RB#0 | 21.59 | 18.54 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 1RB#14 | 22.71 | 19.66 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 1RB#8  | 22.39 | 19.34 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 1RB#0  | 22.48 | 19.43 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 8RB#7  | 21.61 | 18.56 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 8RB#0  | 21.73 | 18.68 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 8RB#4  | 21.64 | 18.59 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 15RB#0 | 21.83 | 18.78 | 38.45 | PASS |
| Band5 | 3MHz   | 64QAM | 20415 | 1RB#8  | 20.51 | 17.46 | 38.45 | PASS |
| Band5 | 3MHz   | 64QAM | 20415 | 1RB#14 | 20.66 | 17.61 | 38.45 | PASS |
| Band5 | 3MHz   | 64QAM | 20415 | 1RB#0  | 20.71 | 17.66 | 38.45 | PASS |
| Band5 | 3MHz   | 64QAM | 20415 | 8RB#0  | 19.65 | 16.60 | 38.45 | PASS |
| Band5 | 3MHz   | 64QAM | 20415 | 8RB#4  | 19.58 | 16.53 | 38.45 | PASS |
| Band5 | 3MHz   | 64QAM | 20415 | 8RB#7  | 19.59 | 16.54 | 38.45 | PASS |
| Band5 | 3MHz   | 64QAM | 20415 | 15RB#0 | 19.65 | 16.60 | 38.45 | PASS |
| Band5 | 3MHz   | 64QAM | 20525 | 1RB#14 | 20.62 | 17.57 | 38.45 | PASS |
| Band5 | 3MHz   | 64QAM | 20525 | 1RB#0  | 20.64 | 17.59 | 38.45 | PASS |



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|       |      |       |       |        |       |       |       |      |
|-------|------|-------|-------|--------|-------|-------|-------|------|
| Band5 | 3MHz | 64QAM | 20525 | 1RB#8  | 20.81 | 17.76 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 8RB#0  | 20.64 | 17.59 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 8RB#4  | 19.56 | 16.51 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 8RB#7  | 19.70 | 16.65 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 15RB#0 | 19.60 | 16.55 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 1RB#0  | 20.64 | 17.59 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 1RB#14 | 20.73 | 17.68 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 1RB#8  | 20.57 | 17.52 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 8RB#7  | 20.44 | 17.39 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 8RB#0  | 19.70 | 16.65 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 8RB#4  | 19.64 | 16.59 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 15RB#0 | 19.65 | 16.60 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#0  | 21.72 | 18.67 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#8  | 21.70 | 18.65 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#14 | 22.13 | 19.08 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#4  | 20.59 | 17.54 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#0  | 20.76 | 17.71 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#7  | 20.63 | 17.58 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 15RB#0 | 20.58 | 17.53 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#0  | 21.71 | 18.66 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#14 | 21.73 | 18.68 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#8  | 21.86 | 18.81 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#0  | 20.62 | 17.57 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#7  | 20.59 | 17.54 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#4  | 20.67 | 17.62 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 15RB#0 | 20.62 | 17.57 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#0  | 22.42 | 19.37 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#14 | 22.35 | 19.30 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#8  | 21.68 | 18.63 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#0  | 20.64 | 17.59 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#4  | 20.77 | 17.72 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#7  | 20.79 | 17.74 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0 | 20.64 | 17.59 | 38.45 | PASS |



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|       |      |       |       |         |       |       |       |      |
|-------|------|-------|-------|---------|-------|-------|-------|------|
| Band5 | 5MHz | QPSK  | 20425 | 1RB#24  | 22.51 | 19.46 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#12  | 22.63 | 19.58 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#0   | 22.35 | 19.30 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#13 | 21.55 | 18.50 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#6  | 21.66 | 18.61 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#0  | 21.61 | 18.56 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 25RB#0  | 21.63 | 18.58 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#0   | 22.69 | 19.64 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#12  | 22.56 | 19.51 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#24  | 22.59 | 19.54 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#0  | 21.65 | 18.60 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#6  | 21.66 | 18.61 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#13 | 21.68 | 18.63 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 25RB#0  | 21.68 | 18.63 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#0   | 22.71 | 19.66 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#12  | 22.69 | 19.64 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#24  | 22.54 | 19.49 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 12RB#0  | 21.63 | 18.58 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 12RB#6  | 21.71 | 18.66 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 12RB#13 | 21.60 | 18.55 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 25RB#0  | 21.58 | 18.53 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 1RB#24  | 20.61 | 17.56 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 1RB#12  | 20.75 | 17.70 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 1RB#0   | 20.41 | 17.36 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 12RB#0  | 19.69 | 16.64 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 12RB#6  | 19.79 | 16.74 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 12RB#13 | 19.68 | 16.63 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 25RB#0  | 19.71 | 16.66 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 1RB#12  | 20.74 | 17.69 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 1RB#24  | 20.67 | 17.62 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 1RB#0   | 20.47 | 17.42 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 12RB#13 | 20.56 | 17.51 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 12RB#0  | 19.75 | 16.70 | 38.45 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band5 | 5MHz  | 64QAM | 20525 | 12RB#6  | 19.61 | 16.56 | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM | 20525 | 25RB#0  | 19.67 | 16.62 | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM | 20625 | 1RB#0   | 20.60 | 17.55 | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM | 20625 | 1RB#12  | 21.17 | 18.12 | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM | 20625 | 1RB#24  | 20.49 | 17.44 | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM | 20625 | 12RB#6  | 20.85 | 17.80 | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM | 20625 | 12RB#0  | 19.65 | 16.60 | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM | 20625 | 12RB#13 | 19.69 | 16.64 | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM | 20625 | 25RB#0  | 19.60 | 16.55 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 1RB#12  | 22.12 | 19.07 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 1RB#0   | 22.33 | 19.28 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 1RB#24  | 21.92 | 18.87 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 12RB#0  | 20.60 | 17.55 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 12RB#13 | 20.63 | 17.58 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 12RB#6  | 20.68 | 17.63 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 25RB#0  | 20.56 | 17.51 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 1RB#12  | 21.86 | 18.81 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 1RB#24  | 21.43 | 18.38 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 1RB#0   | 21.76 | 18.71 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 12RB#0  | 20.82 | 17.77 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 12RB#6  | 20.69 | 17.64 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 12RB#13 | 20.62 | 17.57 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 25RB#0  | 20.74 | 17.69 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#0   | 22.41 | 19.36 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#12  | 21.76 | 18.71 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#24  | 21.71 | 18.66 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#0  | 20.76 | 17.71 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#6  | 20.63 | 17.58 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#13 | 20.54 | 17.49 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0  | 20.60 | 17.55 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#0   | 22.51 | 19.46 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#24  | 22.27 | 19.22 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#49  | 22.47 | 19.42 | 38.45 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band5 | 10MHz | QPSK  | 20450 | 25RB#12 | 21.66 | 18.61 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#0  | 21.67 | 18.62 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#25 | 21.60 | 18.55 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0  | 21.57 | 18.52 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#49  | 22.74 | 19.69 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#0   | 22.55 | 19.50 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#24  | 22.60 | 19.55 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#0  | 21.67 | 18.62 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#12 | 21.67 | 18.62 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#25 | 21.70 | 18.65 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0  | 21.67 | 18.62 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#24  | 22.75 | 19.70 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#0   | 22.60 | 19.55 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#49  | 22.33 | 19.28 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#12 | 21.71 | 18.66 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#0  | 21.85 | 18.80 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#25 | 21.75 | 18.70 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0  | 21.93 | 18.88 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 1RB#0   | 20.65 | 17.60 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 1RB#24  | 20.42 | 17.37 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 1RB#49  | 20.44 | 17.39 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 25RB#25 | 19.54 | 16.49 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 25RB#0  | 19.67 | 16.62 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 25RB#12 | 19.56 | 16.51 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0  | 19.62 | 16.57 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 1RB#0   | 20.73 | 17.68 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 1RB#24  | 21.00 | 17.95 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 1RB#49  | 20.68 | 17.63 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 25RB#0  | 21.14 | 18.09 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 25RB#12 | 19.56 | 16.51 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 25RB#25 | 19.70 | 16.65 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0  | 19.50 | 16.45 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 1RB#49  | 20.90 | 17.85 | 38.45 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band5 | 10MHz | 64QAM | 20600 | 1RB#0   | 20.64 | 17.59 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 1RB#24  | 20.60 | 17.55 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 25RB#0  | 20.61 | 17.56 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 25RB#25 | 19.66 | 16.61 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 25RB#12 | 19.65 | 16.60 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0  | 19.68 | 16.63 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0   | 21.95 | 18.90 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#24  | 22.13 | 19.08 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#49  | 21.97 | 18.92 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#0  | 20.64 | 17.59 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#12 | 20.80 | 17.75 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#25 | 20.57 | 17.52 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0  | 20.68 | 17.63 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#0   | 22.23 | 19.18 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#49  | 22.25 | 19.20 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#24  | 22.35 | 19.30 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#0  | 20.68 | 17.63 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#12 | 20.72 | 17.67 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#25 | 20.69 | 17.64 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0  | 20.73 | 17.68 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0   | 22.44 | 19.39 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#49  | 22.01 | 18.96 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#24  | 21.83 | 18.78 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#25 | 20.86 | 17.81 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#12 | 20.87 | 17.82 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#0  | 20.71 | 17.66 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0  | 20.90 | 17.85 | 38.45 | PASS |

## 1.2. Test Result for Up Ant

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Conducted Power(dBm) | ERP (dBm) | Limit (dBm) | Verdict |
|-------|-----------|------------|---------|------------------|----------------------|-----------|-------------|---------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0            | 22.89                | 19.84     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#2            | 22.91                | 19.86     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#5            | 22.77                | 19.72     | 38.45       | PASS    |



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|       |        |       |       |       |       |       |       |      |
|-------|--------|-------|-------|-------|-------|-------|-------|------|
| Band5 | 1.4MHz | QPSK  | 20407 | 3RB#1 | 22.88 | 19.83 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK  | 20407 | 3RB#0 | 22.93 | 19.88 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK  | 20407 | 3RB#3 | 22.88 | 19.83 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK  | 20407 | 6RB#0 | 21.95 | 18.90 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 1RB#5 | 22.89 | 19.84 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 1RB#0 | 22.96 | 19.91 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 1RB#2 | 22.90 | 19.85 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 3RB#0 | 22.94 | 19.89 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 3RB#1 | 22.96 | 19.91 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 3RB#3 | 22.91 | 19.86 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 6RB#0 | 22.04 | 18.99 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 1RB#2 | 22.93 | 19.88 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 1RB#0 | 22.96 | 19.91 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 1RB#5 | 22.89 | 19.84 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 3RB#3 | 22.93 | 19.88 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 3RB#1 | 22.91 | 19.86 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 3RB#0 | 22.92 | 19.87 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 6RB#0 | 22.04 | 18.99 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20407 | 1RB#0 | 20.84 | 17.79 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20407 | 1RB#5 | 21.08 | 18.03 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20407 | 1RB#2 | 20.90 | 17.85 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20407 | 3RB#0 | 20.82 | 17.77 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20407 | 3RB#1 | 21.07 | 18.02 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20407 | 3RB#3 | 20.96 | 17.91 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20407 | 6RB#0 | 19.99 | 16.94 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 1RB#0 | 21.14 | 18.09 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 1RB#2 | 20.95 | 17.90 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 1RB#5 | 21.27 | 18.22 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 3RB#3 | 20.79 | 17.74 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 3RB#1 | 21.11 | 18.06 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 3RB#0 | 21.09 | 18.04 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 6RB#0 | 21.06 | 18.01 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 1RB#0 | 21.10 | 18.05 | 38.45 | PASS |





|       |        |       |       |        |       |       |       |      |
|-------|--------|-------|-------|--------|-------|-------|-------|------|
| Band5 | 1.4MHz | 64QAM | 20643 | 1RB#2  | 21.08 | 18.03 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 1RB#5  | 21.14 | 18.09 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 3RB#0  | 21.12 | 18.07 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 3RB#1  | 20.96 | 17.91 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 3RB#3  | 20.85 | 17.80 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 6RB#0  | 20.64 | 17.59 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#0  | 22.09 | 19.04 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#5  | 22.65 | 19.60 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#2  | 21.91 | 18.86 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#3  | 21.80 | 18.75 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#1  | 22.07 | 19.02 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#0  | 22.01 | 18.96 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0  | 21.04 | 17.99 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#0  | 22.20 | 19.15 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#2  | 22.48 | 19.43 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#5  | 22.40 | 19.35 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#0  | 22.08 | 19.03 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#1  | 22.10 | 19.05 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#3  | 22.20 | 19.15 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0  | 21.14 | 18.09 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#0  | 22.79 | 19.74 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#5  | 21.97 | 18.92 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#2  | 22.18 | 19.13 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#0  | 22.15 | 19.10 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#1  | 22.10 | 19.05 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#3  | 21.87 | 18.82 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0  | 21.10 | 18.05 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#14 | 22.73 | 19.68 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#8  | 22.95 | 19.90 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#0  | 22.73 | 19.68 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#4  | 21.82 | 18.77 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#0  | 21.85 | 18.80 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#7  | 21.83 | 18.78 | 38.45 | PASS |



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|       |      |       |       |        |       |       |       |      |
|-------|------|-------|-------|--------|-------|-------|-------|------|
| Band5 | 3MHz | QPSK  | 20415 | 15RB#0 | 21.88 | 18.83 | 38.45 | PASS |
| Band5 | 3MHz | QPSK  | 20525 | 1RB#8  | 22.83 | 19.78 | 38.45 | PASS |
| Band5 | 3MHz | QPSK  | 20525 | 1RB#14 | 22.92 | 19.87 | 38.45 | PASS |
| Band5 | 3MHz | QPSK  | 20525 | 1RB#0  | 22.83 | 19.78 | 38.45 | PASS |
| Band5 | 3MHz | QPSK  | 20525 | 8RB#7  | 21.91 | 18.86 | 38.45 | PASS |
| Band5 | 3MHz | QPSK  | 20525 | 8RB#0  | 21.93 | 18.88 | 38.45 | PASS |
| Band5 | 3MHz | QPSK  | 20525 | 8RB#4  | 21.90 | 18.85 | 38.45 | PASS |
| Band5 | 3MHz | QPSK  | 20525 | 15RB#0 | 21.90 | 18.85 | 38.45 | PASS |
| Band5 | 3MHz | QPSK  | 20635 | 1RB#14 | 22.75 | 19.70 | 38.45 | PASS |
| Band5 | 3MHz | QPSK  | 20635 | 1RB#8  | 22.95 | 19.90 | 38.45 | PASS |
| Band5 | 3MHz | QPSK  | 20635 | 1RB#0  | 22.84 | 19.79 | 38.45 | PASS |
| Band5 | 3MHz | QPSK  | 20635 | 8RB#7  | 21.91 | 18.86 | 38.45 | PASS |
| Band5 | 3MHz | QPSK  | 20635 | 8RB#0  | 21.99 | 18.94 | 38.45 | PASS |
| Band5 | 3MHz | QPSK  | 20635 | 8RB#4  | 21.89 | 18.84 | 38.45 | PASS |
| Band5 | 3MHz | QPSK  | 20635 | 15RB#0 | 21.96 | 18.91 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 1RB#8  | 20.69 | 17.64 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 1RB#14 | 20.35 | 17.30 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 1RB#0  | 20.69 | 17.64 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 8RB#0  | 19.19 | 16.14 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 8RB#4  | 19.26 | 16.21 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 8RB#7  | 19.14 | 16.09 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 15RB#0 | 19.08 | 16.03 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 1RB#14 | 21.00 | 17.95 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 1RB#0  | 20.72 | 17.67 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 1RB#8  | 20.81 | 17.76 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 8RB#0  | 20.70 | 17.65 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 8RB#4  | 19.78 | 16.73 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 8RB#7  | 19.82 | 16.77 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 15RB#0 | 19.69 | 16.64 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 1RB#0  | 20.88 | 17.83 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 1RB#14 | 20.46 | 17.41 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 1RB#8  | 20.44 | 17.39 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 8RB#7  | 20.73 | 17.68 | 38.45 | PASS |



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|       |      |       |       |         |       |       |       |      |
|-------|------|-------|-------|---------|-------|-------|-------|------|
| Band5 | 3MHz | 64QAM | 20635 | 8RB#0   | 19.26 | 16.21 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 8RB#4   | 19.30 | 16.25 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 15RB#0  | 19.14 | 16.09 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#0   | 21.91 | 18.86 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#8   | 22.64 | 19.59 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#14  | 22.29 | 19.24 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#4   | 20.91 | 17.86 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#0   | 21.00 | 17.95 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#7   | 20.87 | 17.82 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 15RB#0  | 20.84 | 17.79 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#0   | 22.17 | 19.12 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#14  | 21.87 | 18.82 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#8   | 22.11 | 19.06 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#0   | 20.96 | 17.91 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#7   | 21.06 | 18.01 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#4   | 20.83 | 17.78 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 15RB#0  | 21.00 | 17.95 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#0   | 22.10 | 19.05 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#14  | 22.29 | 19.24 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#8   | 22.02 | 18.97 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#0   | 21.06 | 18.01 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#4   | 20.99 | 17.94 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#7   | 21.11 | 18.06 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0  | 20.88 | 17.83 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#24  | 22.72 | 19.67 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#12  | 22.86 | 19.81 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#0   | 22.84 | 19.79 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#13 | 21.81 | 18.76 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#6  | 21.88 | 18.83 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#0  | 21.89 | 18.84 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 25RB#0  | 21.82 | 18.77 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#0   | 22.91 | 19.86 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#12  | 22.88 | 19.83 | 38.45 | PASS |



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|       |      |       |       |         |       |       |       |      |
|-------|------|-------|-------|---------|-------|-------|-------|------|
| Band5 | 5MHz | QPSK  | 20525 | 1RB#24  | 22.86 | 19.81 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#0  | 21.99 | 18.94 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#6  | 21.97 | 18.92 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#13 | 21.92 | 18.87 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 25RB#0  | 21.87 | 18.82 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#0   | 22.83 | 19.78 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#12  | 22.95 | 19.90 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#24  | 22.87 | 19.82 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 12RB#0  | 21.92 | 18.87 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 12RB#6  | 21.89 | 18.84 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 12RB#13 | 21.92 | 18.87 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 25RB#0  | 21.92 | 18.87 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 1RB#24  | 20.97 | 17.92 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 1RB#12  | 20.80 | 17.75 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 1RB#0   | 20.99 | 17.94 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 12RB#0  | 20.00 | 16.95 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 12RB#6  | 20.12 | 17.07 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 12RB#13 | 20.02 | 16.97 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 25RB#0  | 20.03 | 16.98 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 1RB#12  | 20.94 | 17.89 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 1RB#24  | 21.06 | 18.01 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 1RB#0   | 21.05 | 18.00 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 12RB#13 | 21.26 | 18.21 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 12RB#0  | 20.13 | 17.08 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 12RB#6  | 20.16 | 17.11 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 25RB#0  | 20.05 | 17.00 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20625 | 1RB#0   | 20.85 | 17.80 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20625 | 1RB#12  | 21.16 | 18.11 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20625 | 1RB#24  | 21.11 | 18.06 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20625 | 12RB#6  | 20.88 | 17.83 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20625 | 12RB#0  | 20.04 | 16.99 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20625 | 12RB#13 | 20.11 | 17.06 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20625 | 25RB#0  | 20.08 | 17.03 | 38.45 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band5 | 5MHz  | 16QAM | 20425 | 1RB#12  | 22.67 | 19.62 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 1RB#0   | 22.01 | 18.96 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 1RB#24  | 22.20 | 19.15 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 12RB#0  | 20.92 | 17.87 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 12RB#13 | 20.96 | 17.91 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 12RB#6  | 20.77 | 17.72 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 25RB#0  | 20.93 | 17.88 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 1RB#12  | 22.26 | 19.21 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 1RB#24  | 22.48 | 19.43 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 1RB#0   | 21.96 | 18.91 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 12RB#0  | 21.00 | 17.95 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 12RB#6  | 20.86 | 17.81 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 12RB#13 | 20.92 | 17.87 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 25RB#0  | 20.94 | 17.89 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#0   | 22.21 | 19.16 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#12  | 22.54 | 19.49 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#24  | 21.98 | 18.93 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#0  | 21.01 | 17.96 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#6  | 21.01 | 17.96 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#13 | 20.97 | 17.92 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0  | 20.85 | 17.80 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#0   | 22.72 | 19.67 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#24  | 22.60 | 19.55 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#49  | 22.79 | 19.74 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#12 | 21.78 | 18.73 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#0  | 21.99 | 18.94 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#25 | 21.88 | 18.83 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0  | 21.95 | 18.90 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#49  | 22.85 | 19.80 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#0   | 22.77 | 19.72 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#24  | 22.73 | 19.68 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#0  | 21.93 | 18.88 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#12 | 21.87 | 18.82 | 38.45 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band5 | 10MHz | QPSK  | 20525 | 25RB#25 | 21.90 | 18.85 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0  | 21.85 | 18.80 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#24  | 22.97 | 19.92 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#0   | 22.72 | 19.67 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#49  | 22.76 | 19.71 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#12 | 21.89 | 18.84 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#0  | 21.97 | 18.92 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#25 | 21.91 | 18.86 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0  | 21.98 | 18.93 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 1RB#0   | 21.01 | 17.96 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 1RB#24  | 20.94 | 17.89 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 1RB#49  | 21.08 | 18.03 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 25RB#25 | 20.29 | 17.24 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 25RB#0  | 20.22 | 17.17 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 25RB#12 | 20.05 | 17.00 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0  | 20.03 | 16.98 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 1RB#0   | 20.80 | 17.75 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 1RB#24  | 20.94 | 17.89 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 1RB#49  | 20.87 | 17.82 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 25RB#0  | 20.85 | 17.80 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 25RB#12 | 20.13 | 17.08 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 25RB#25 | 20.18 | 17.13 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0  | 20.10 | 17.05 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 1RB#49  | 20.95 | 17.90 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 1RB#0   | 21.15 | 18.10 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 1RB#24  | 21.18 | 18.13 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 25RB#0  | 21.05 | 18.00 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 25RB#25 | 20.24 | 17.19 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 25RB#12 | 20.30 | 17.25 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0  | 20.21 | 17.16 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0   | 21.81 | 18.76 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#24  | 21.99 | 18.94 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#49  | 21.97 | 18.92 | 38.45 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band5 | 10MHz | 16QAM | 20450 | 25RB#0  | 21.04 | 17.99 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#12 | 20.86 | 17.81 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#25 | 20.96 | 17.91 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0  | 20.93 | 17.88 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#0   | 22.47 | 19.42 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#49  | 22.14 | 19.09 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#24  | 22.53 | 19.48 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#0  | 21.04 | 17.99 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#12 | 20.97 | 17.92 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#25 | 20.89 | 17.84 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0  | 20.80 | 17.75 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0   | 22.07 | 19.02 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#49  | 22.34 | 19.29 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#24  | 21.98 | 18.93 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#25 | 20.96 | 17.91 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#12 | 20.88 | 17.83 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#0  | 20.90 | 17.85 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0  | 20.95 | 17.90 | 38.45 | PASS |

**Remark:**

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

ERP [dBm] = Conducted Power [dBm] + Gain [dBi]

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]



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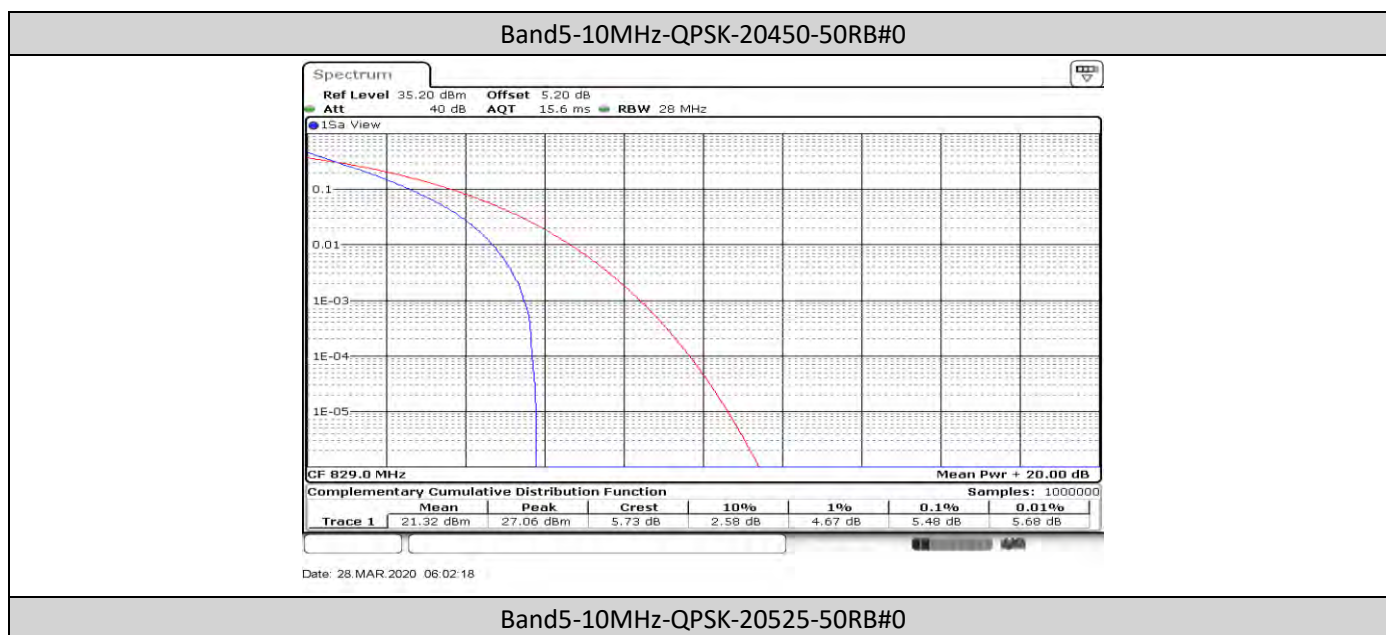


## 2. Peak-to-Average Ratio (CCDF)

### 2.1. Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0           | 5.48       | 13.00     | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0           | 4.99       | 13.00     | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0           | 5.01       | 13.00     | PASS    |
| Band5 | 10MHz     | 64QAM      | 20450   | 50RB#0           | 7.04       | 13.00     | PASS    |
| Band5 | 10MHz     | 64QAM      | 20525   | 50RB#0           | 6.46       | 13.00     | PASS    |
| Band5 | 10MHz     | 64QAM      | 20600   | 50RB#0           | 6.78       | 13.00     | PASS    |
| Band5 | 10MHz     | 16QAM      | 20450   | 50RB#0           | 6.29       | 13.00     | PASS    |
| Band5 | 10MHz     | 16QAM      | 20525   | 50RB#0           | 5.91       | 13.00     | PASS    |
| Band5 | 10MHz     | 16QAM      | 20600   | 50RB#0           | 5.94       | 13.00     | PASS    |

### 2.2. Test Plots





Band5-10MHz-QPSK-20600-50RB#0



Band5-10MHz-64QAM-20450-50RB#0





Band5-10MHz-64QAM-20525-50RB#0

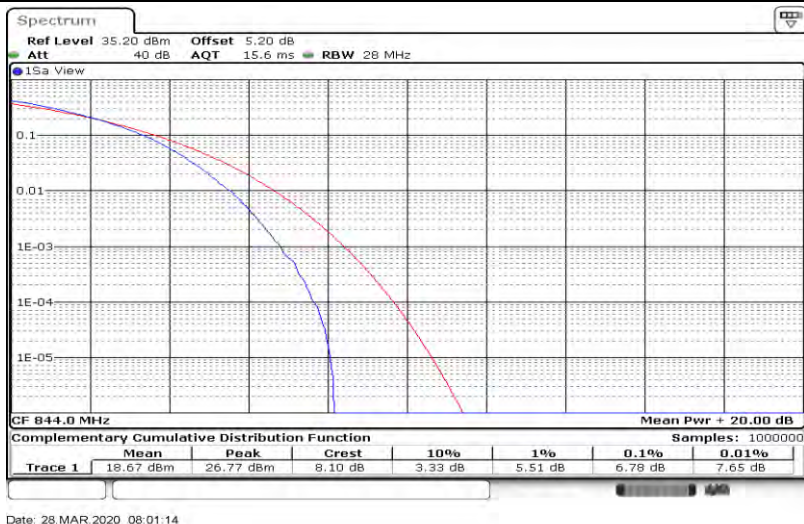


Band5-10MHz-64QAM-20600-50RB#0

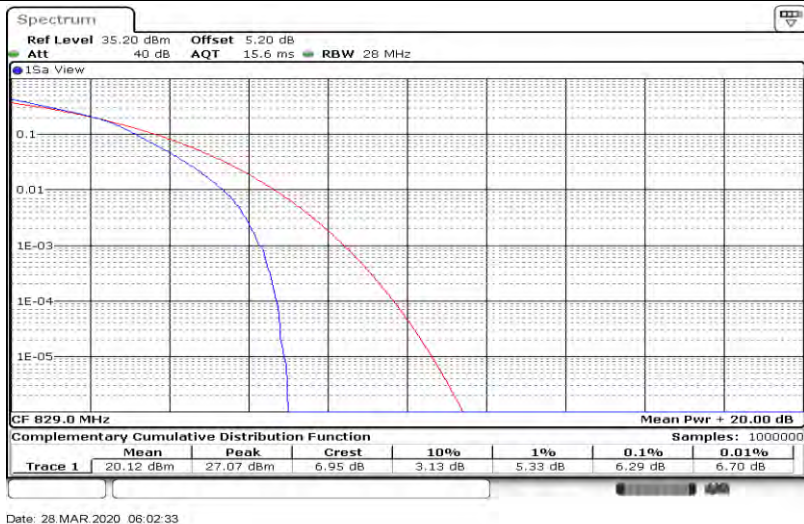


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Band5-10MHz-16QAM-20450-50RB#0



Band5-10MHz-16QAM-20525-50RB#0





Band5-10MHz-16QAM-20600-50RB#0

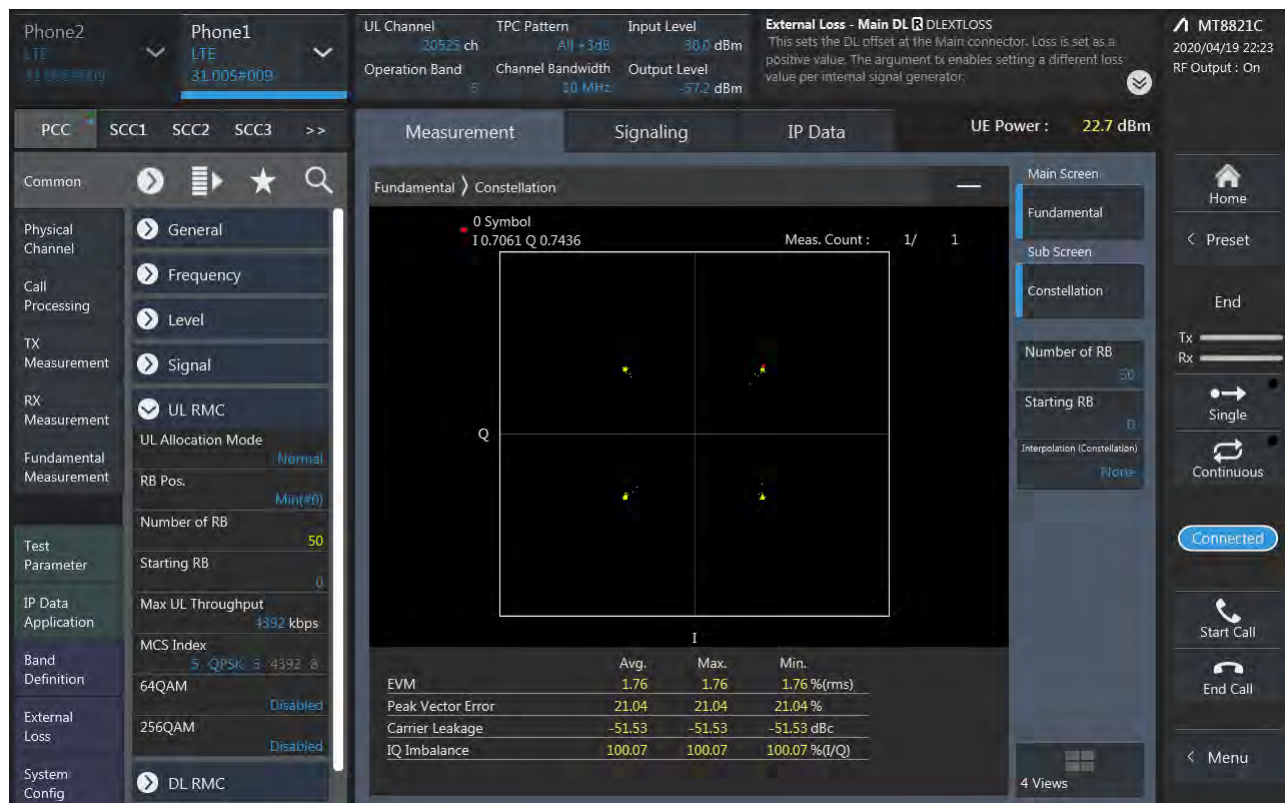




### 3. Modulation Characteristics

#### 3.1. Test Mode = LTE /TM1 10MHz

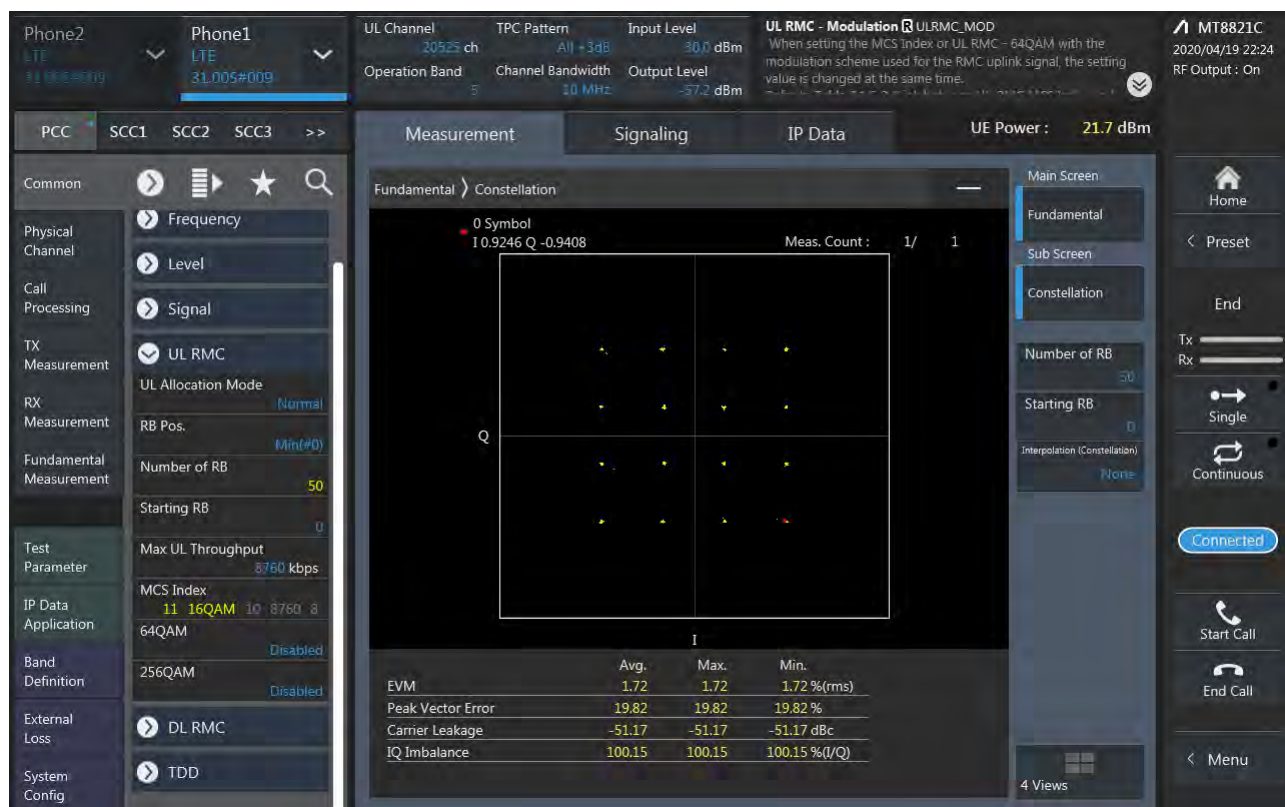
##### 3.1.1. Test Channel = MCH





## 3.2. Test Mode = LTE /TM2 10MHz

### 3.2.1. Test Channel = MCH



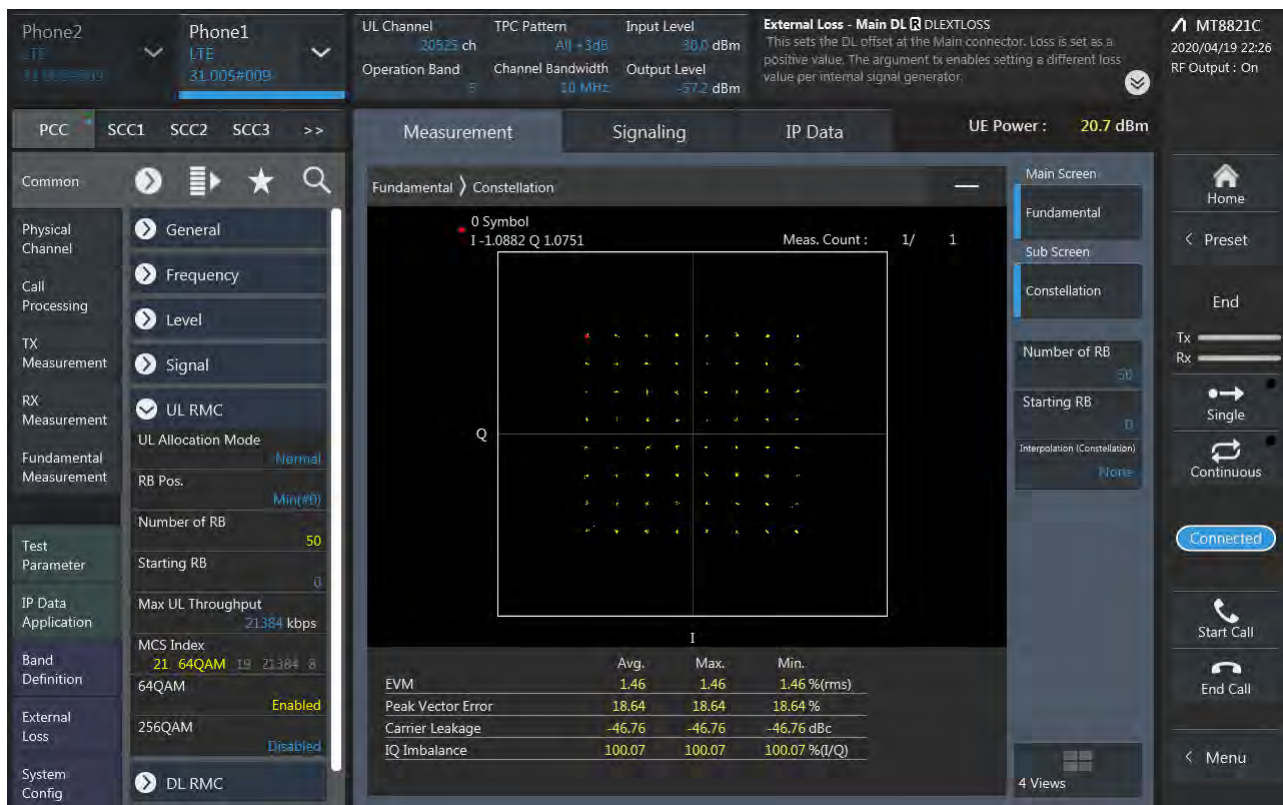
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### 3.3. Test Mode = LTE /TM3 10MHz

#### 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 |
|-------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 6RB#0            | 1.091                    | 1.230                | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 6RB#0            | 1.088                    | 1.239                | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0            | 1.088                    | 1.236                | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20407   | 6RB#0            | 1.094                    | 1.239                | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20525   | 6RB#0            | 1.094                    | 1.239                | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20643   | 6RB#0            | 1.094                    | 1.242                | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | 1.085                    | 1.239                | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 6RB#0            | 1.085                    | 1.230                | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 6RB#0            | 1.085                    | 1.236                | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 15RB#0           | 2.697                    | 3.024                | PASS    |
| Band5 | 3MHz      | QPSK       | 20525   | 15RB#0           | 2.697                    | 3.012                | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 15RB#0           | 2.691                    | 3.006                | PASS    |
| Band5 | 3MHz      | 64QAM      | 20415   | 15RB#0           | 2.691                    | 3.012                | PASS    |
| Band5 | 3MHz      | 64QAM      | 20525   | 15RB#0           | 2.685                    | 2.982                | PASS    |
| Band5 | 3MHz      | 64QAM      | 20635   | 15RB#0           | 2.685                    | 2.982                | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 15RB#0           | 2.685                    | 2.994                | PASS    |
| Band5 | 3MHz      | 16QAM      | 20525   | 15RB#0           | 2.691                    | 2.970                | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 15RB#0           | 2.685                    | 2.976                | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 25RB#0           | 4.466                    | 4.880                | PASS    |
| Band5 | 5MHz      | QPSK       | 20525   | 25RB#0           | 4.476                    | 4.870                | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 25RB#0           | 4.476                    | 4.880                | PASS    |
| Band5 | 5MHz      | 64QAM      | 20425   | 25RB#0           | 4.476                    | 4.910                | PASS    |
| Band5 | 5MHz      | 64QAM      | 20525   | 25RB#0           | 4.476                    | 4.890                | PASS    |
| Band5 | 5MHz      | 64QAM      | 20625   | 25RB#0           | 4.466                    | 4.890                | PASS    |
| Band5 | 5MHz      | 16QAM      | 20425   | 25RB#0           | 4.486                    | 4.910                | PASS    |
| Band5 | 5MHz      | 16QAM      | 20525   | 25RB#0           | 4.486                    | 4.900                | PASS    |
| Band5 | 5MHz      | 16QAM      | 20625   | 25RB#0           | 4.486                    | 4.910                | PASS    |
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0           | 8.931                    | 9.640                | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0           | 8.911                    | 9.640                | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0           | 8.931                    | 9.660                | PASS    |
| Band5 | 10MHz     | 64QAM      | 20450   | 50RB#0           | 8.911                    | 9.600                | PASS    |



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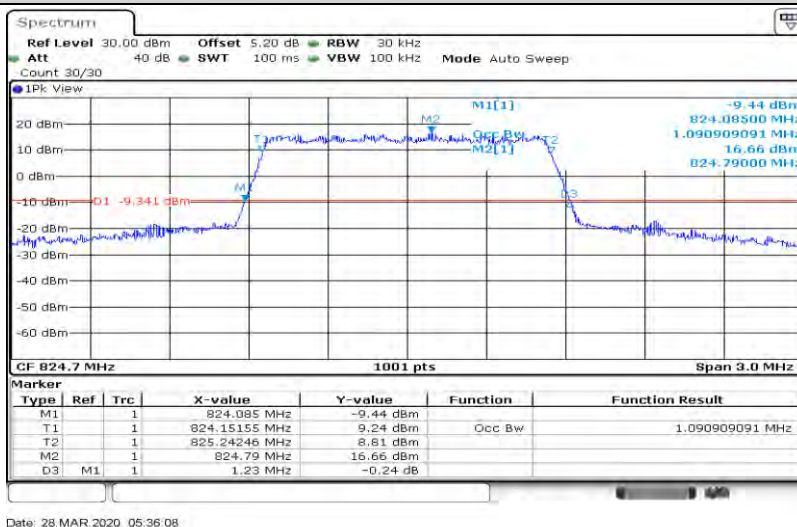
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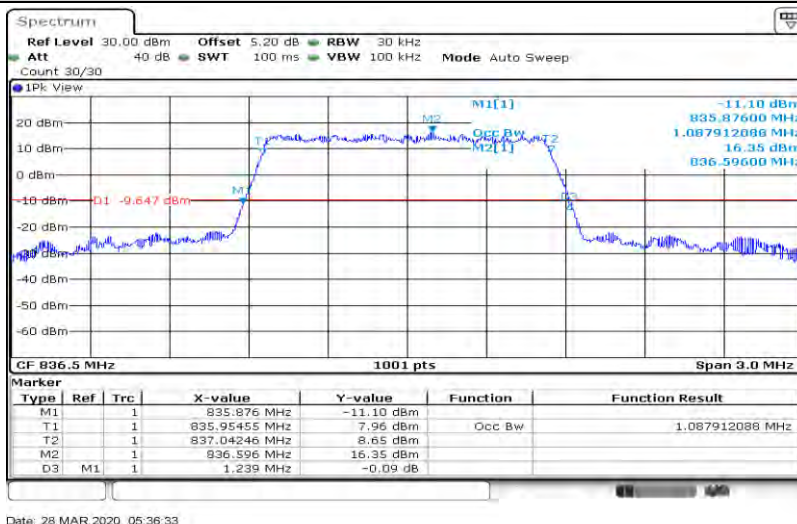
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|-------|-------|-------|-------|--------|-------|-------|------|
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | 8.931 | 9.620 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | 8.931 | 9.620 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | 8.931 | 9.640 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | 8.911 | 9.680 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | 8.931 | 9.700 | PASS |

## 4.2. Test Plots

Band5-1.4MHz-QPSK-20407-6RB#0-1.091

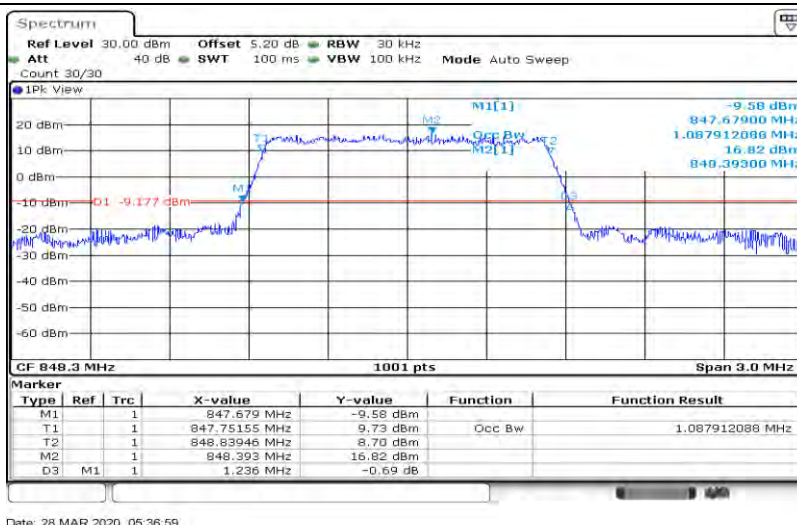


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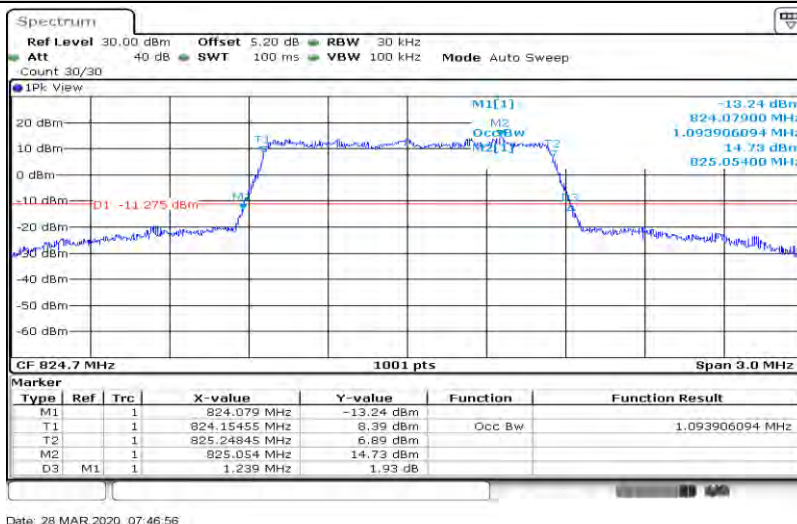


Band5-1.4MHz-QPSK-20643-6RB#0-1.088





Band5-1.4MHz-64QAM-20407-6RB#0-1.094

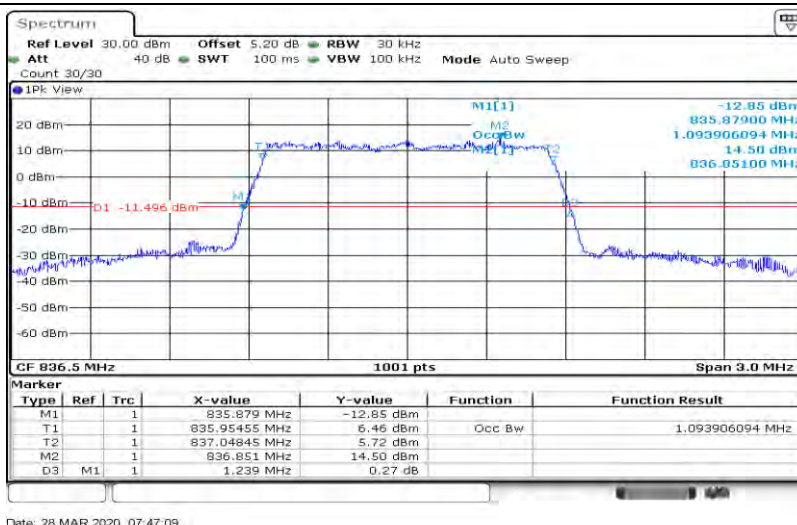


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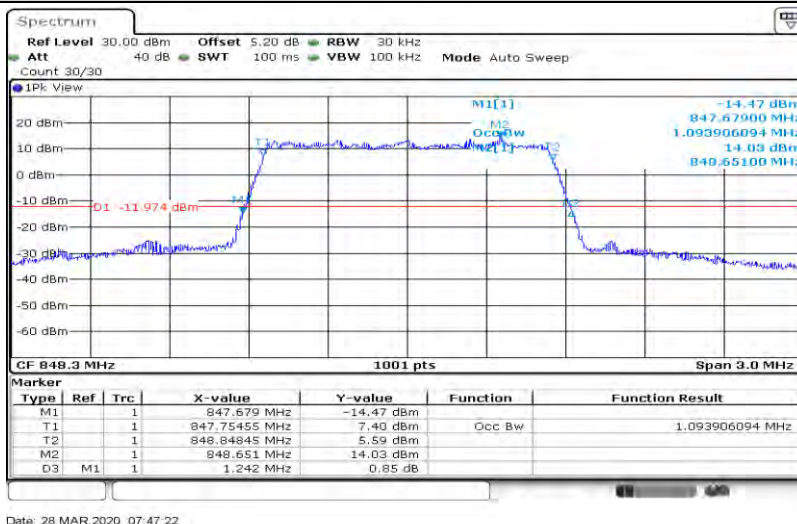


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Band5-1.4MHz-64QAM-20643-6RB#0-1.094

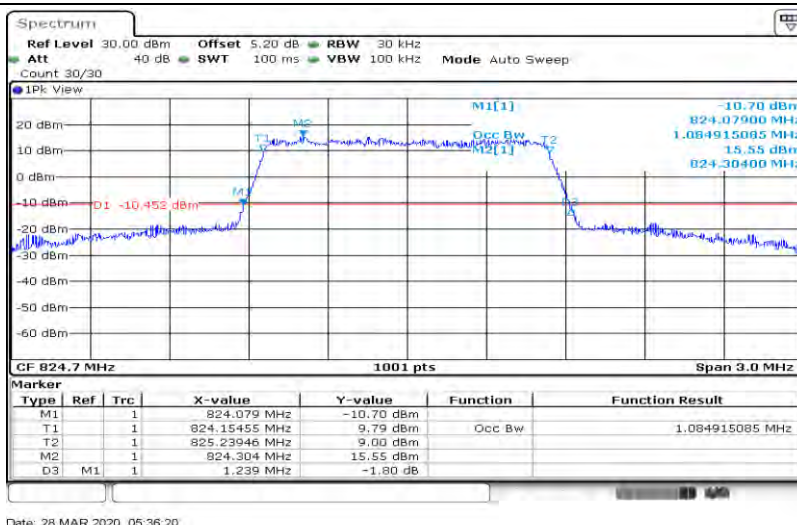


Band5-1.4MHz-16QAM-20407-6RB#0-1.085

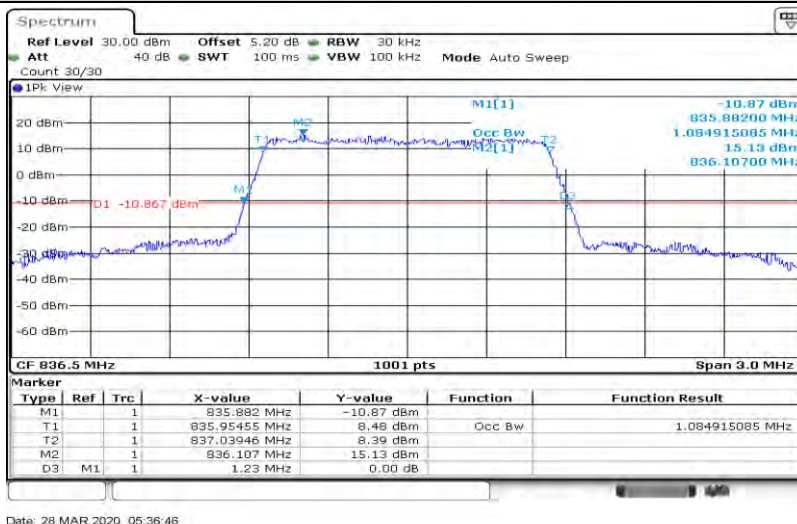


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Band5-1.4MHz-16QAM-20525-6RB#0-1.085

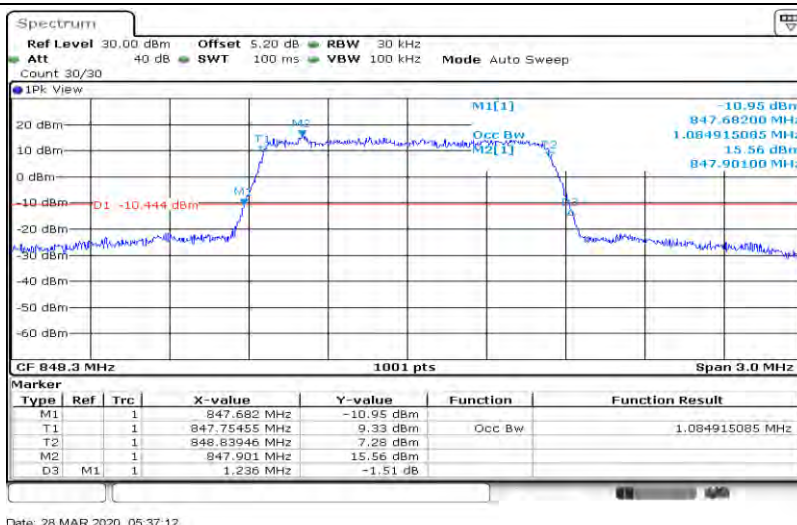


Band5-1.4MHz-16QAM-20643-6RB#0-1.085

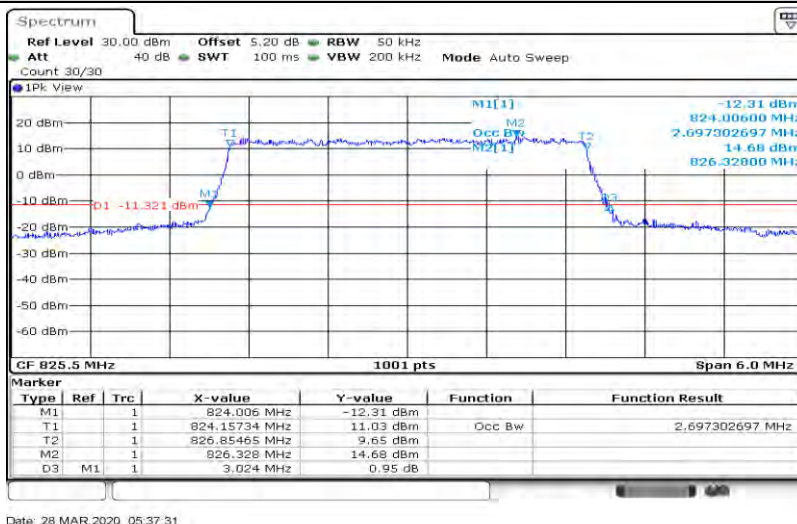


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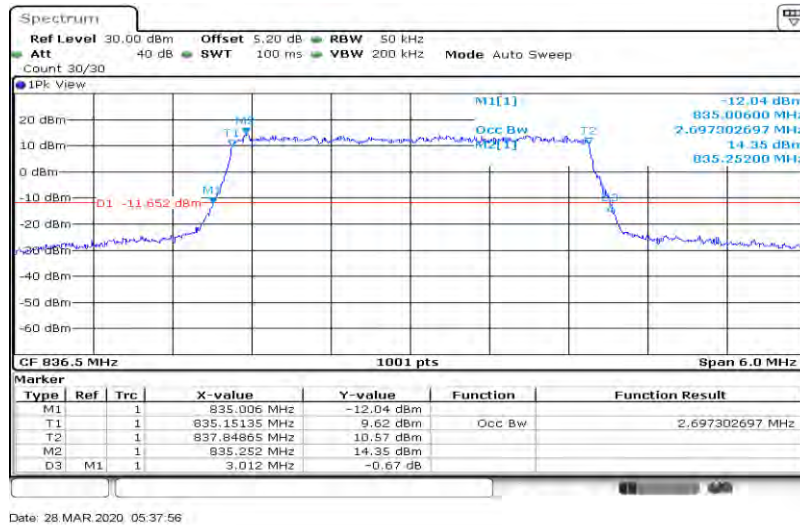


Band5-3MHz-QPSK-20415-15RB#0-2.697



Band5-3MHz-QPSK-20525-15RB#0-2.697





Band5-3MHz-QPSK-20635-15RB#0-2.691

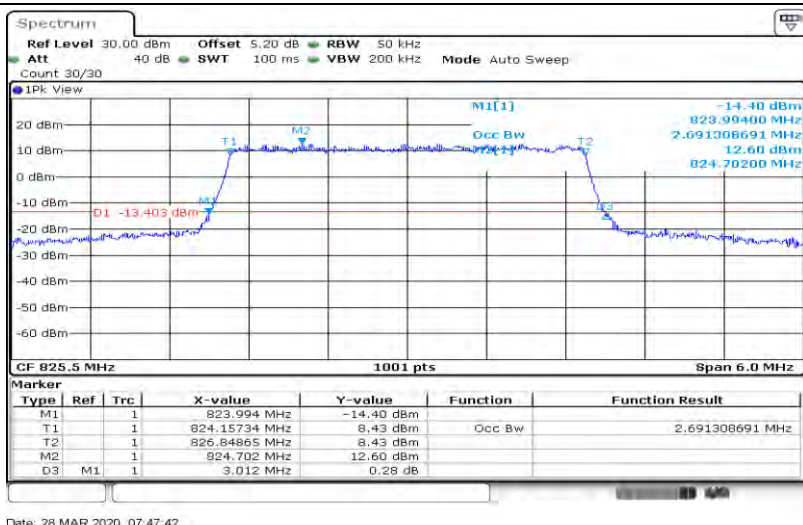


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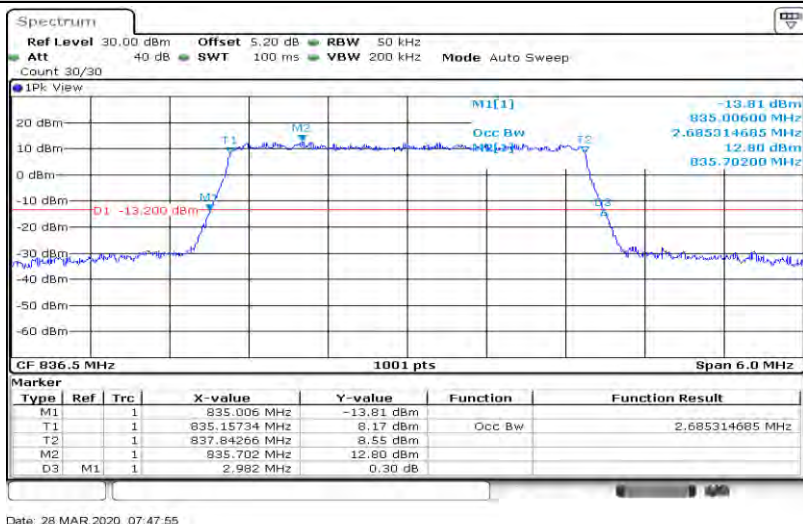


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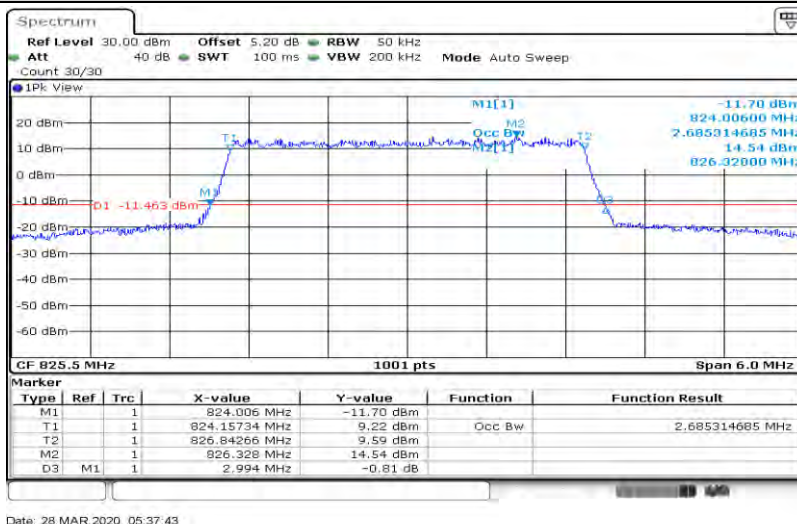
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## Band5-3MHz-64QAM-20635-15RB#0-2.685



## Band5-3MHz-16QAM-20415-15RB#0-2.685



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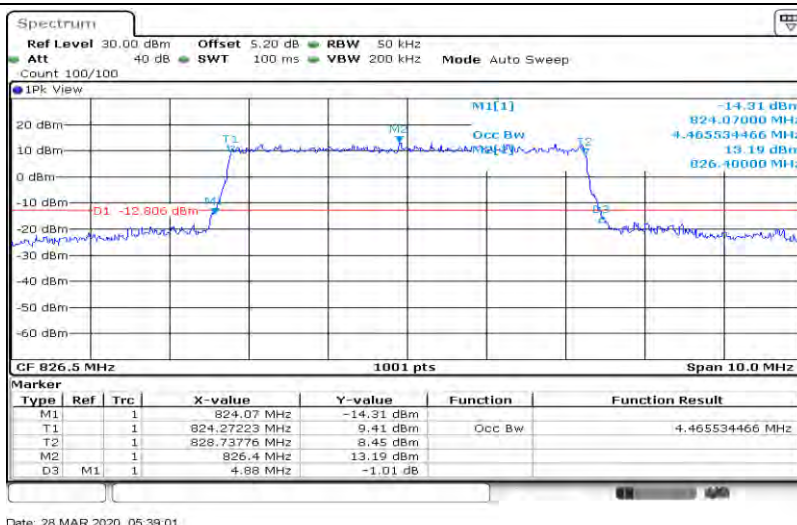


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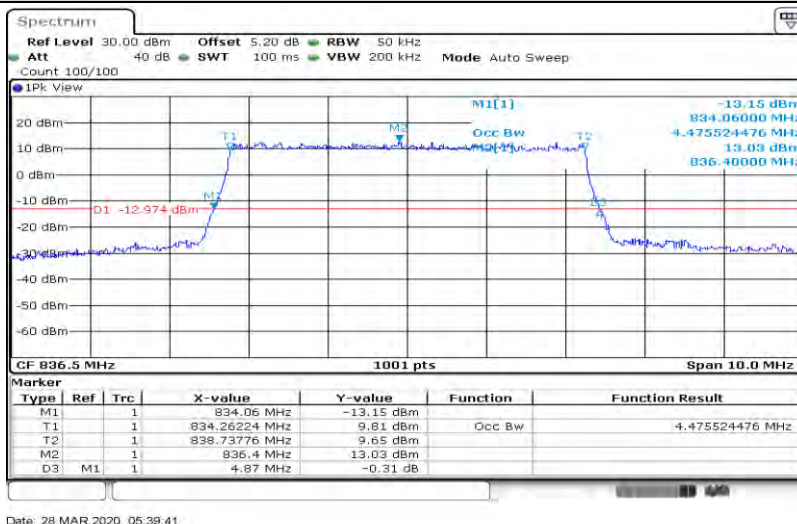


Band5-5MHz-QPSK-20425-25RB#0-4.466





Band5-5MHz-QPSK-20525-25RB#0-4.476

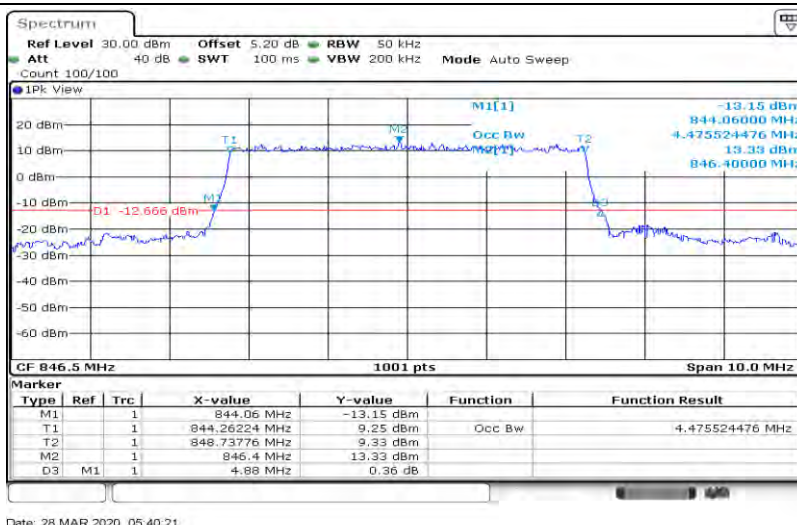


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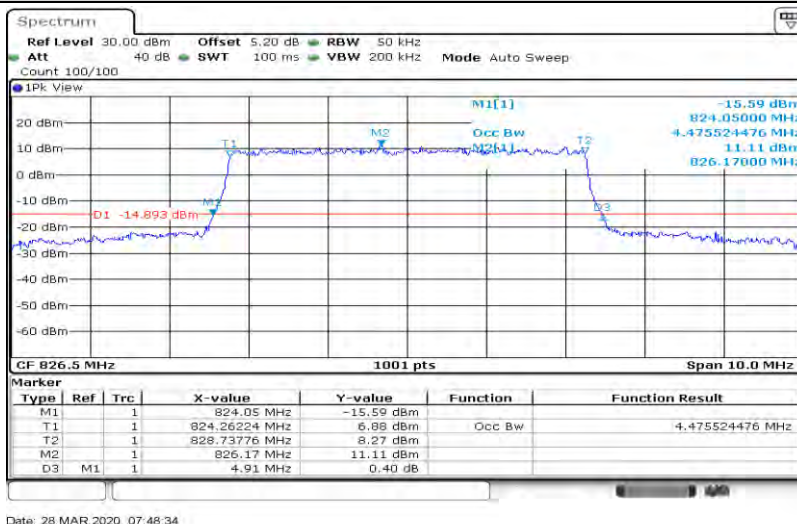


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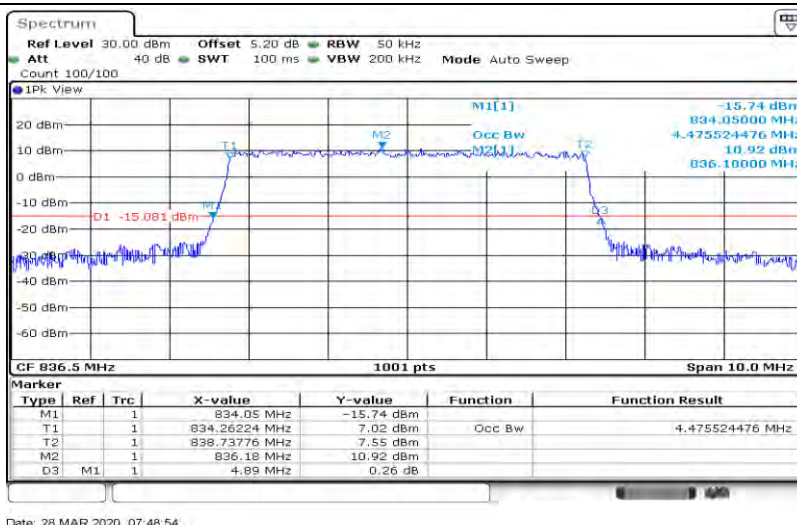
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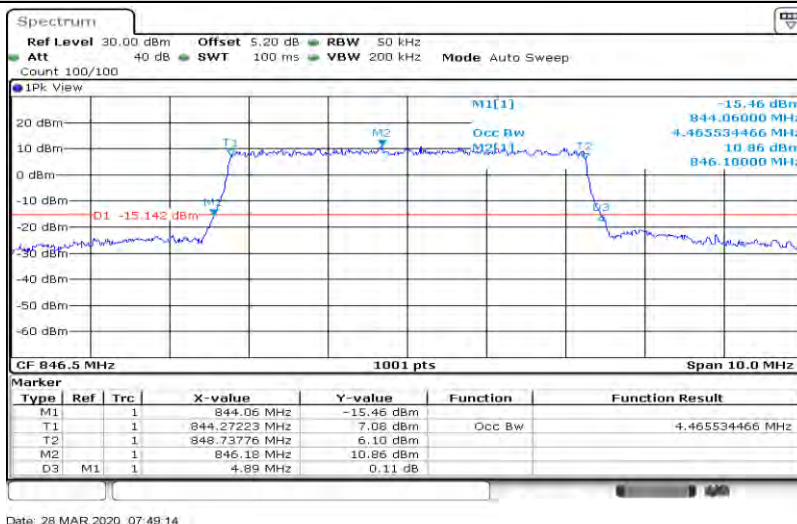
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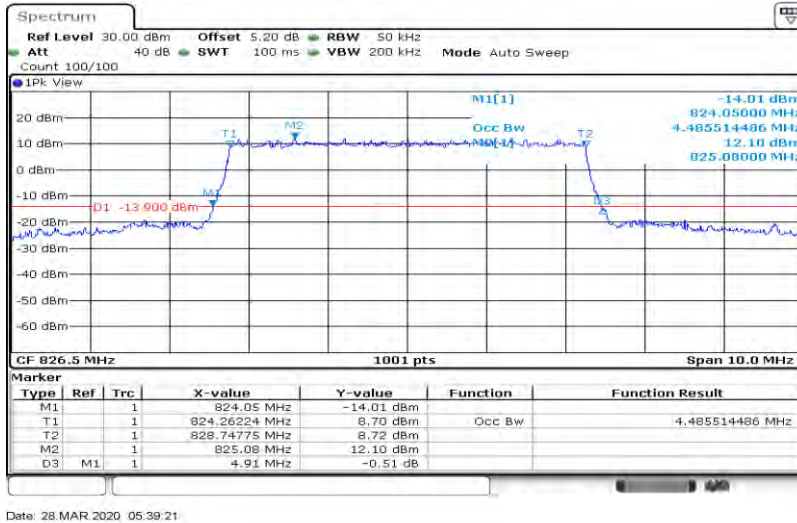


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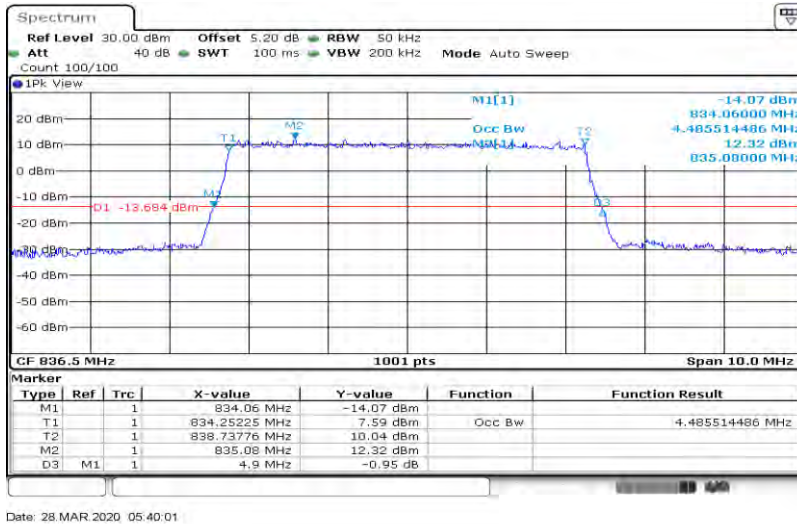


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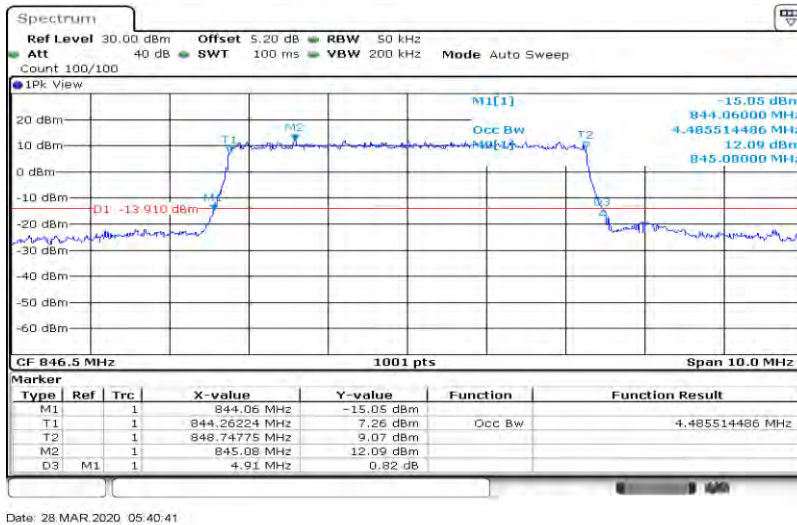


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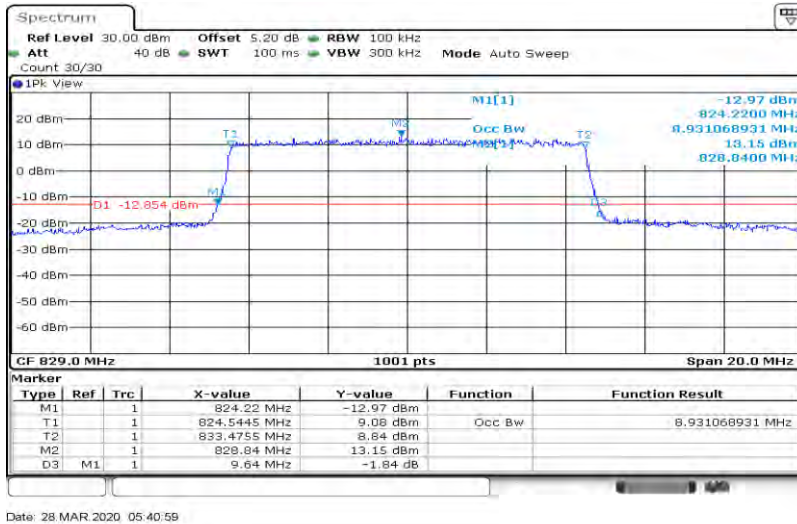


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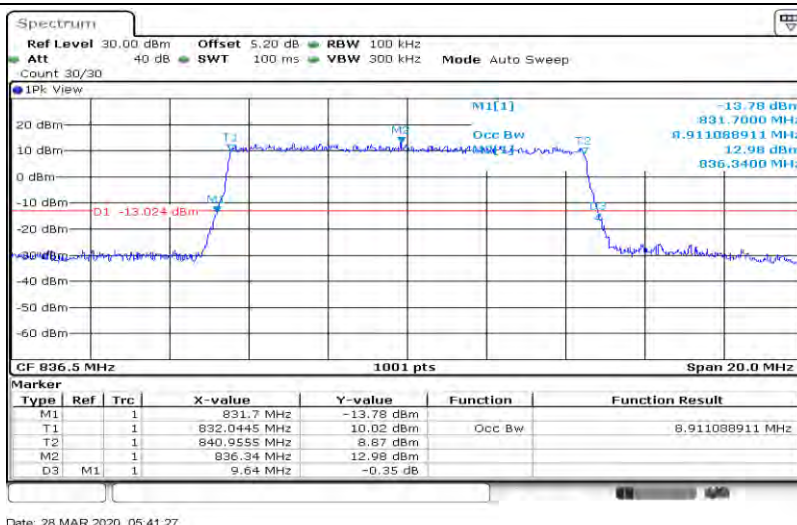
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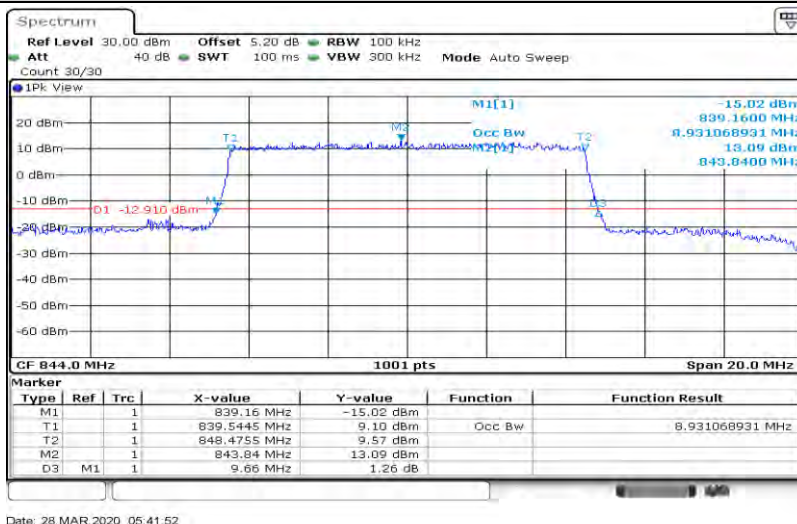
Band5-10MHz-QPSK-20450-50RB#0-8.931



Band5-10MHz-QPSK-20525-50RB#0-8.911

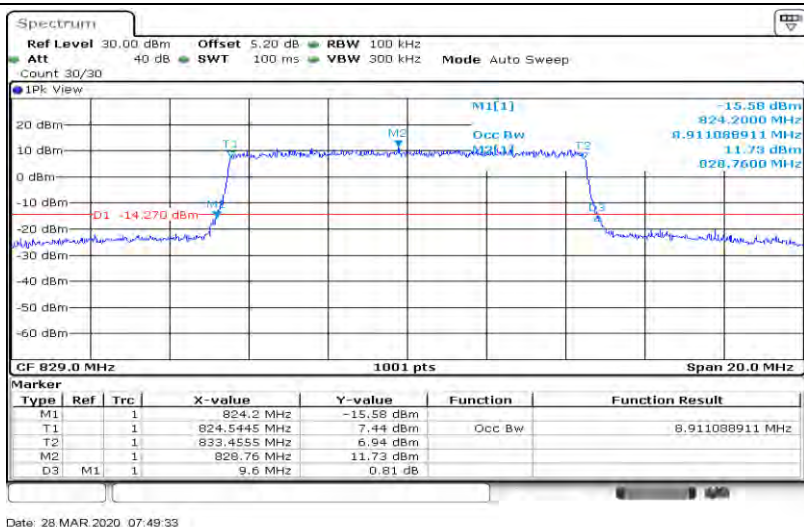


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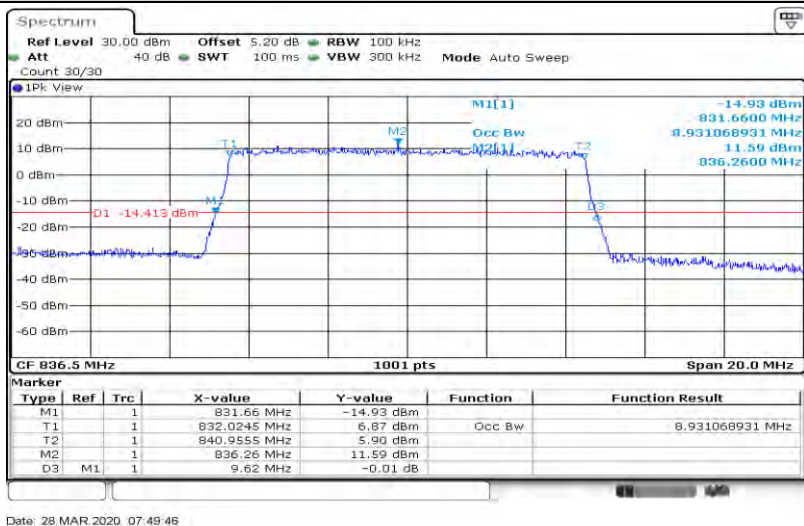


Band5-10MHz-64QAM-20450-50RB#0-8.911





## Band5-10MHz-64QAM-20525-50RB#0-8.931



## Band5-10MHz-64QAM-20600-50RB#0-8.931



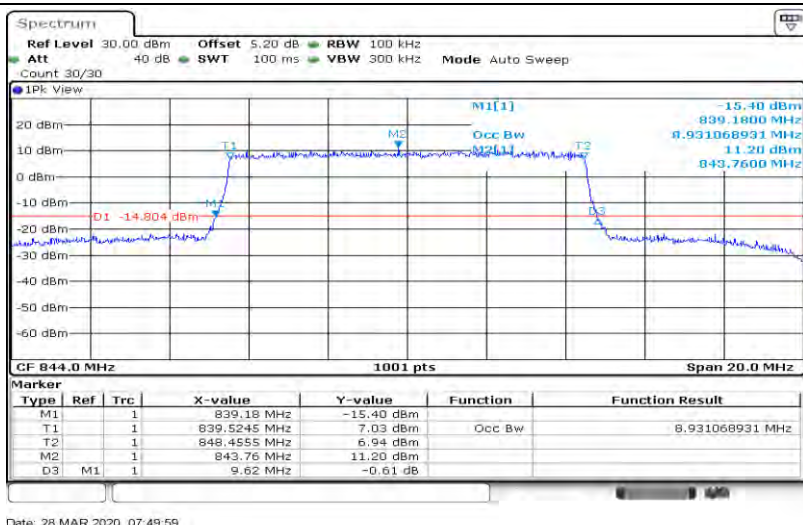
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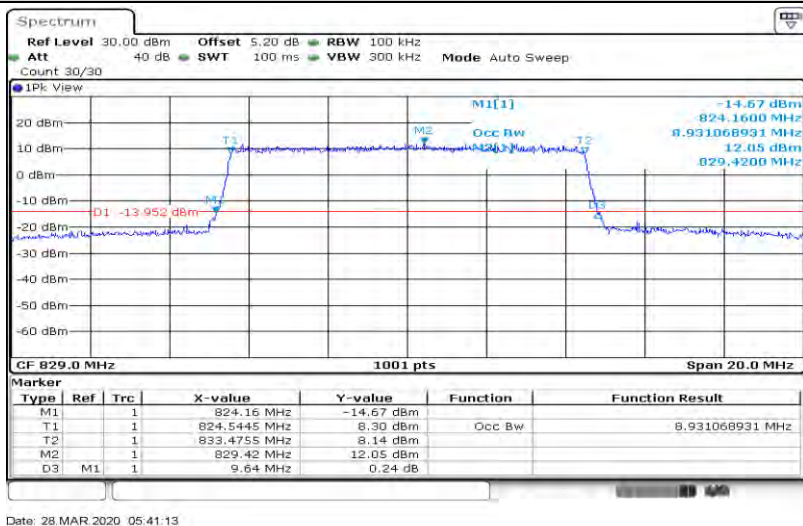
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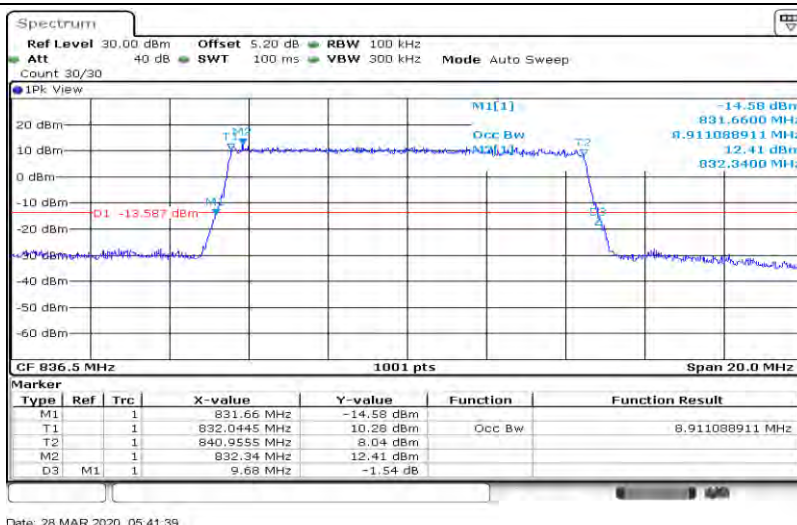


Band5-10MHz-16QAM-20450-50RB#0-8.931



Band5-10MHz-16QAM-20525-50RB#0-8.911





## Band5-10MHz-16QAM-20600-50RB#0-8.931



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## 5. Band Edge Compliance

### 5.1. Test Plots

Band5-1.4MHz-QPSK-20407-1RB#0



Band5-1.4MHz-QPSK-20407-6RB#0



Band5-1.4MHz-QPSK-20643-1RB#5



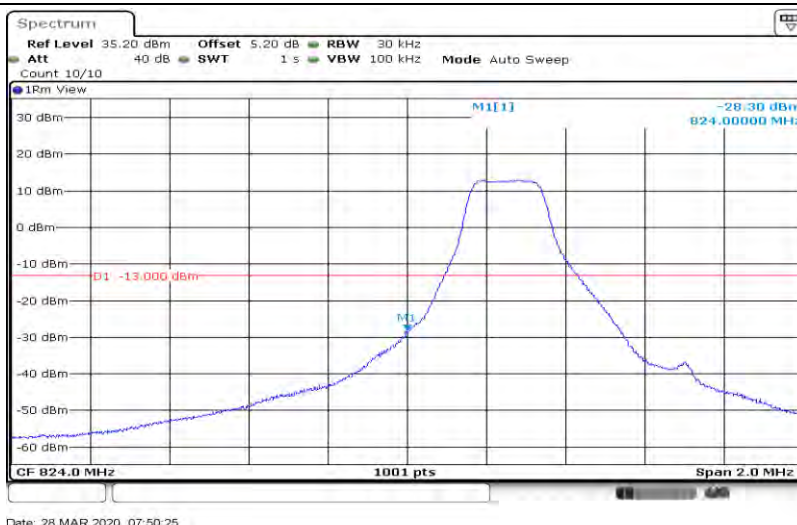


Band5-1.4MHz-QPSK-20643-6RB#0



Band5-1.4MHz-64QAM-20407-1RB#0



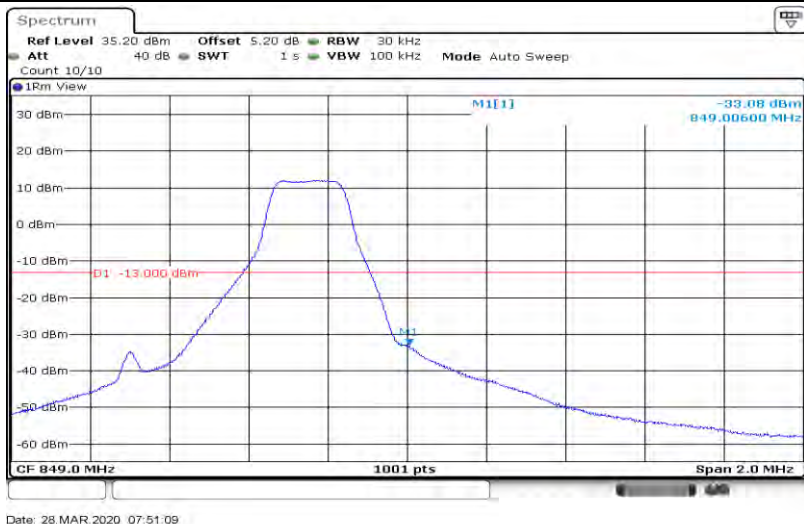


Band5-1.4MHz-64QAM-20407-6RB#0



Band5-1.4MHz-64QAM-20643-1RB#5





Band5-1.4MHz-64QAM-20643-6RB#0



Band5-1.4MHz-16QAM-20407-1RB#0





Band5-1.4MHz-16QAM-20407-6RB#0



Band5-1.4MHz-16QAM-20643-1RB#5





Band5-1.4MHz-16QAM-20643-6RB#0



Band5-3MHz-QPSK-20415-1RB#0



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Band5-3MHz-QPSK-20415-15RB#0



Band5-3MHz-QPSK-20635-1RB#14

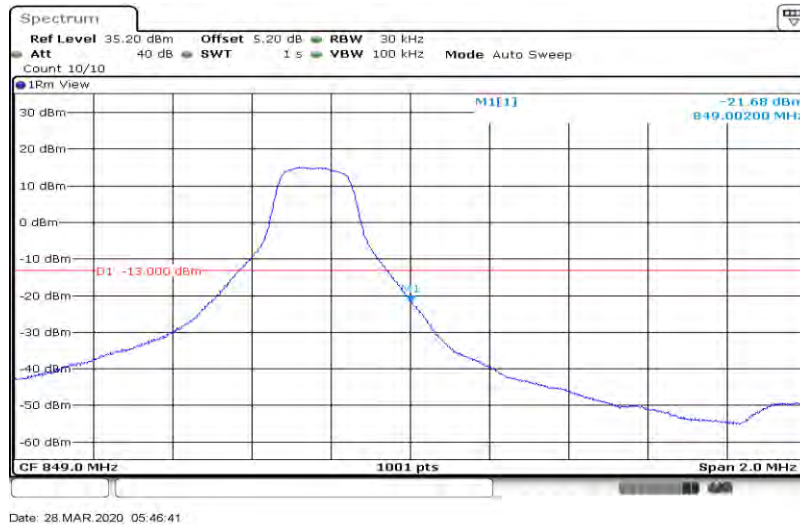


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Band5-3MHz-QPSK-20635-15RB#0



Band5-3MHz-64QAM-20415-1RB#0



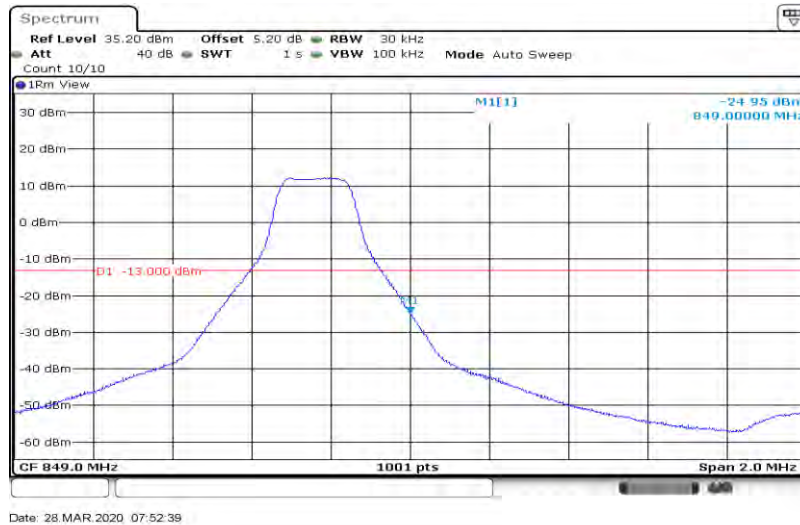


Band5-3MHz-64QAM-20415-15RB#0



Band5-3MHz-64QAM-20635-1RB#14





Band5-3MHz-64QAM-20635-15RB#0



Band5-3MHz-16QAM-20415-1RB#0





Band5-3MHz-16QAM-20415-15RB#0



Band5-3MHz-16QAM-20635-1RB#14



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Band5-3MHz-16QAM-20635-15RB#0



Band5-5MHz-QPSK-20425-1RB#0

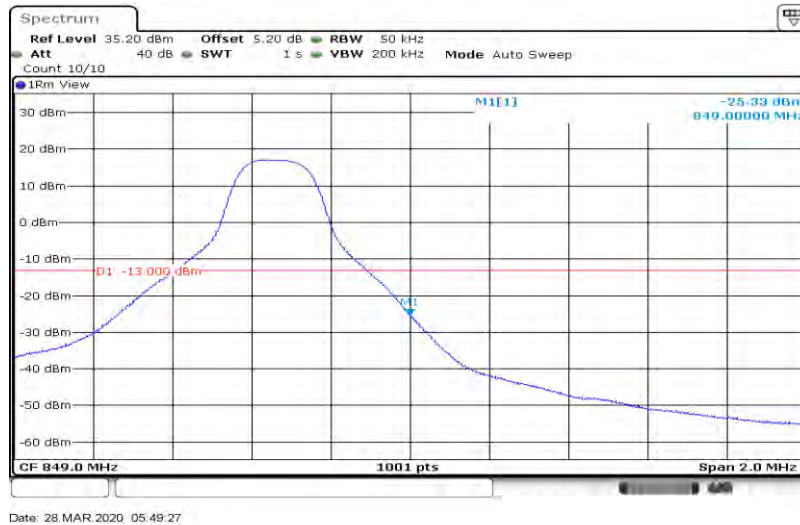




Band5-5MHz-QPSK-20425-25RB#0



Band5-5MHz-QPSK-20625-1RB#24



Band5-5MHz-QPSK-20625-25RB#0



Band5-5MHz-64QAM-20425-1RB#0





Band5-5MHz-64QAM-20425-25RB#0



Band5-5MHz-64QAM-20625-1RB#24





Band5-5MHz-64QAM-20625-25RB#0



Band5-5MHz-16QAM-20425-1RB#0



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Band5-5MHz-16QAM-20425-25RB#0



Band5-5MHz-16QAM-20625-1RB#24





Band5-5MHz-16QAM-20625-25RB#0



Band5-10MHz-QPSK-20450-1RB#0





Band5-10MHz-QPSK-20450-50RB#0



Band5-10MHz-QPSK-20600-1RB#49



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Band5-10MHz-QPSK-20600-50RB#0



Band5-10MHz-64QAM-20450-1RB#0



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Band5-10MHz-64QAM-20450-50RB#0



Band5-10MHz-64QAM-20600-1RB#49





Band5-10MHz-64QAM-20600-50RB#0



Band5-10MHz-16QAM-20450-1RB#0



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Band5-10MHz-16QAM-20450-50RB#0



Band5-10MHz-16QAM-20600-1RB#49





Band5-10MHz-16QAM-20600-50RB#0



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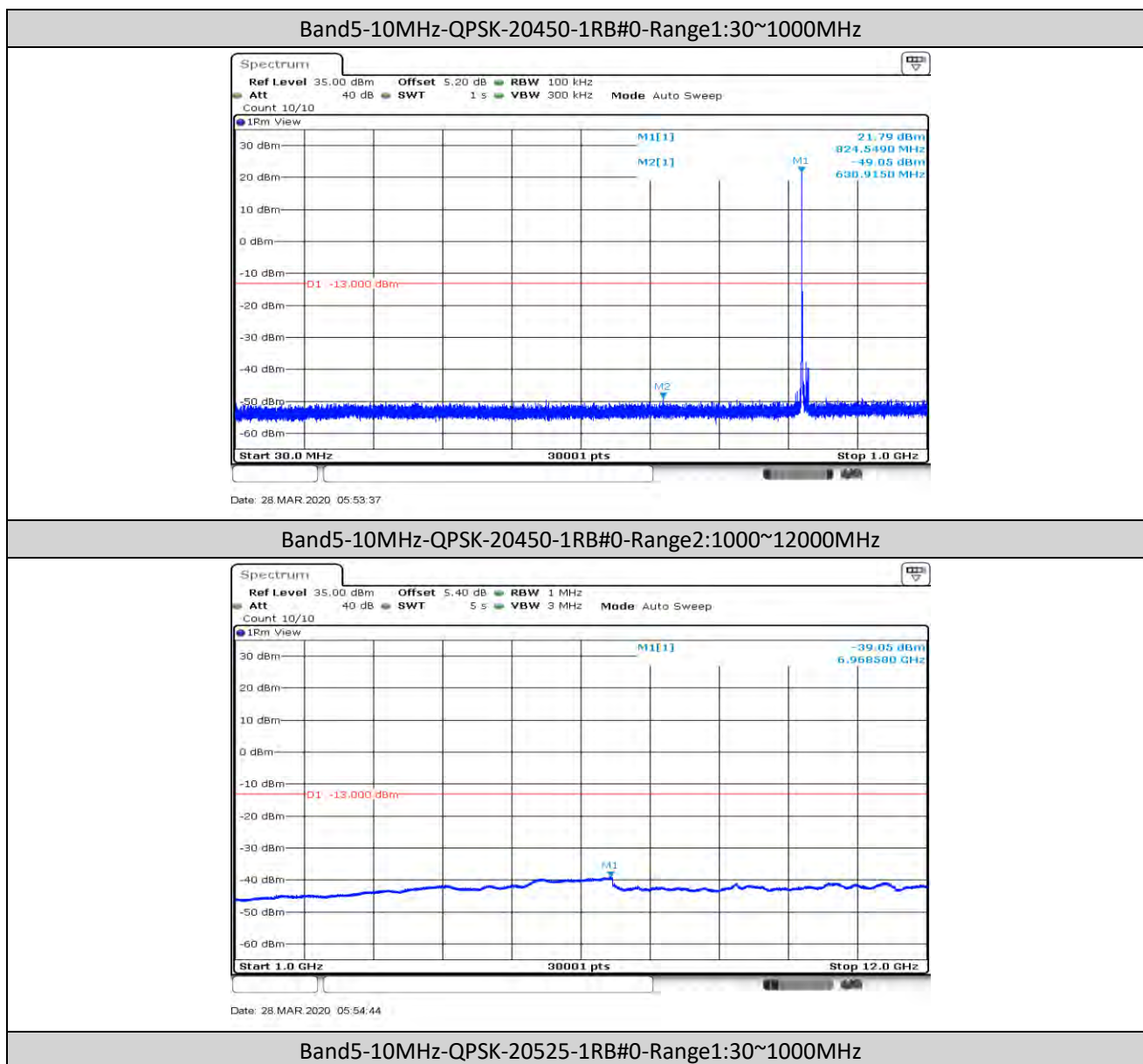
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## 6. Spurious Emission at Antenna Terminal

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.

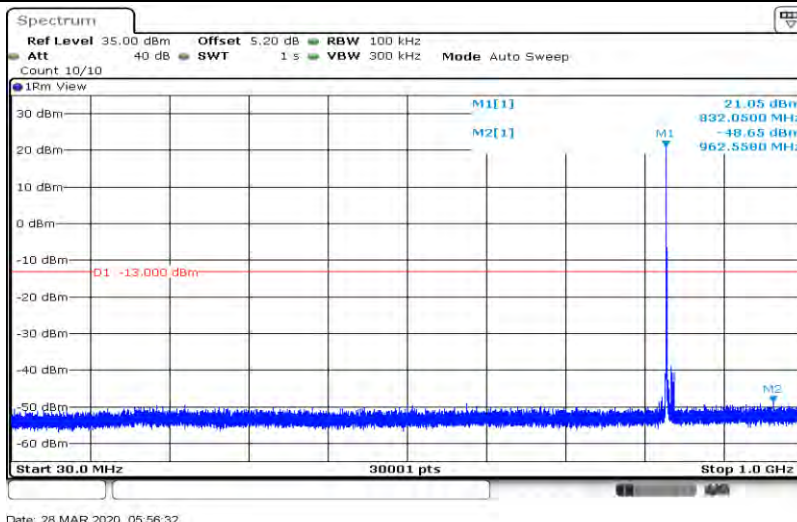
Remark2: only the worst case data displayed in this report.

### 6.1. Test Plots

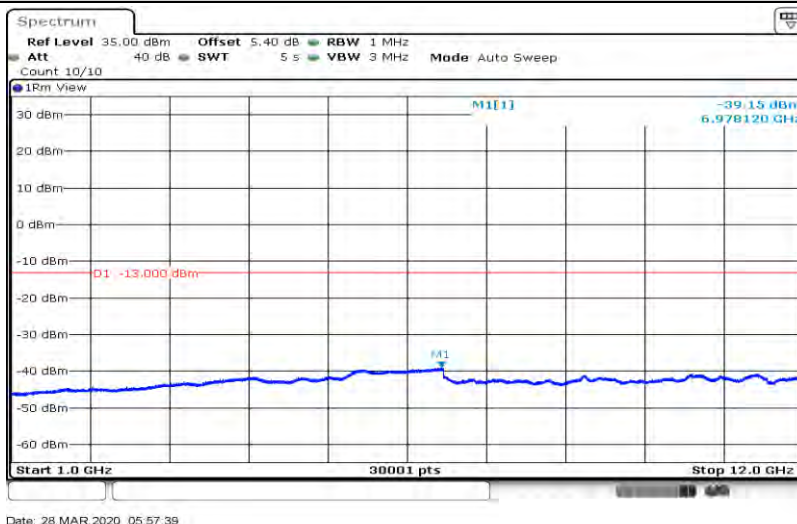


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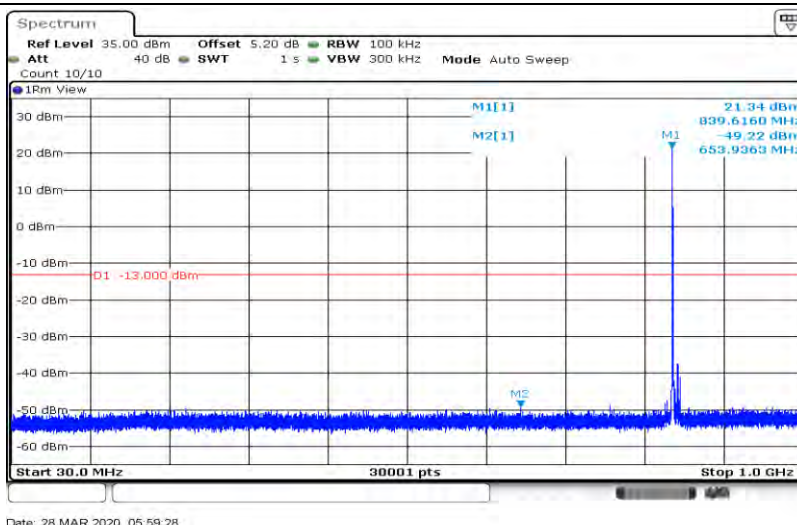


Band5-10MHz-QPSK-20525-1RB#0-Range2:1000~12000MHz

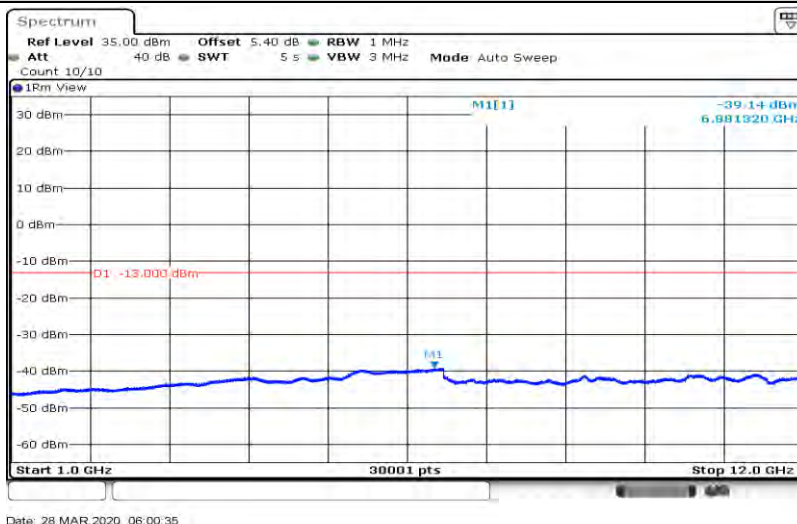


Band5-10MHz-QPSK-20600-1RB#0-Range1:30~1000MHz





**Band5-10MHz-QPSK-20600-1RB#0-Range2:1000~12000MHz**



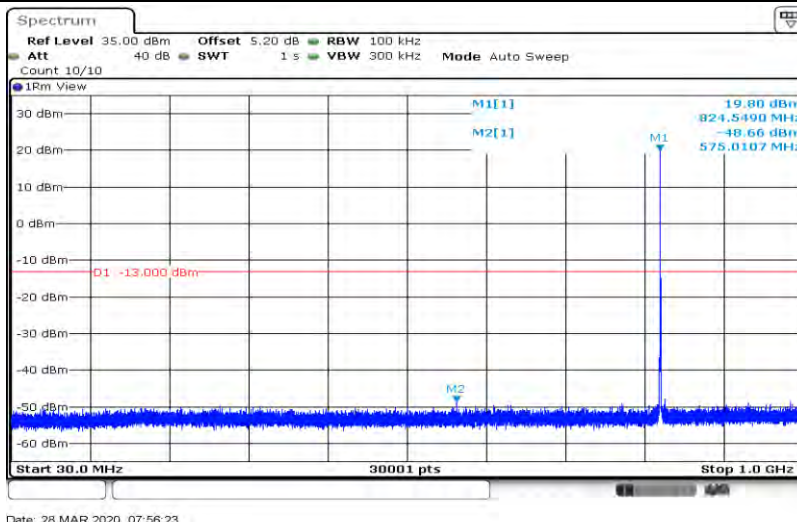
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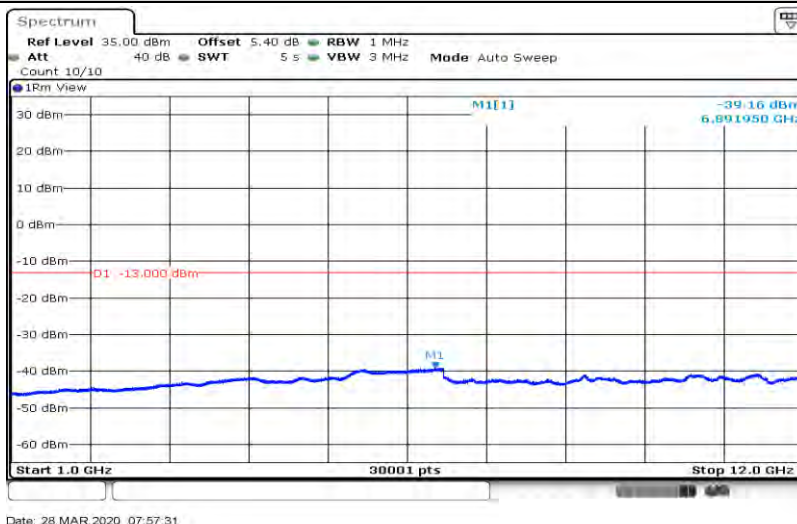
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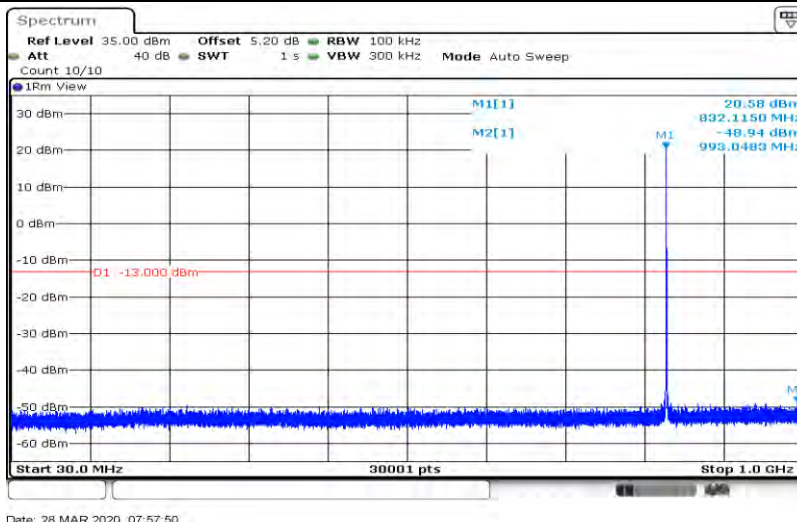


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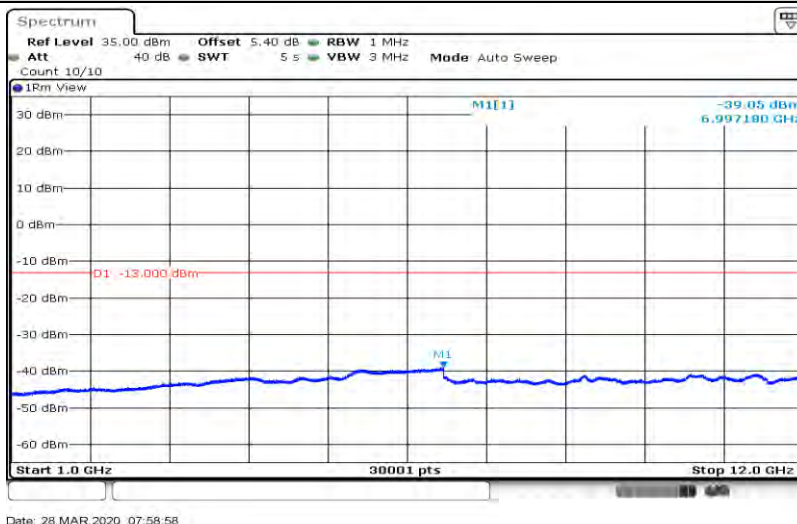


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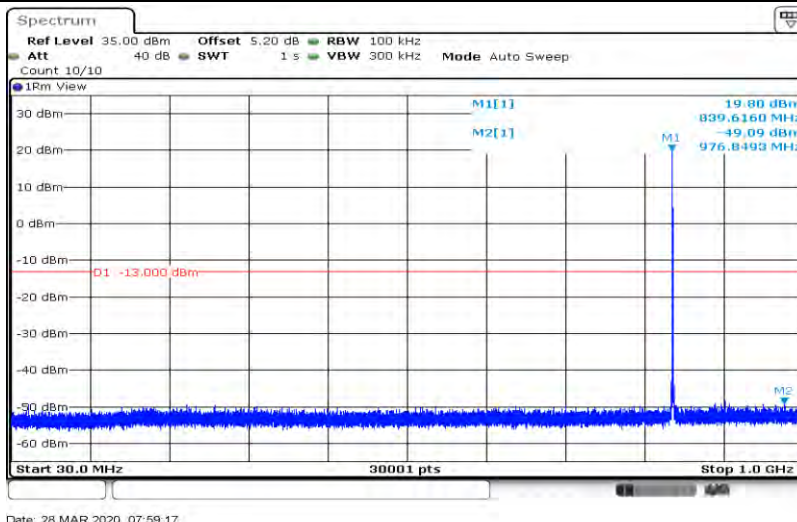
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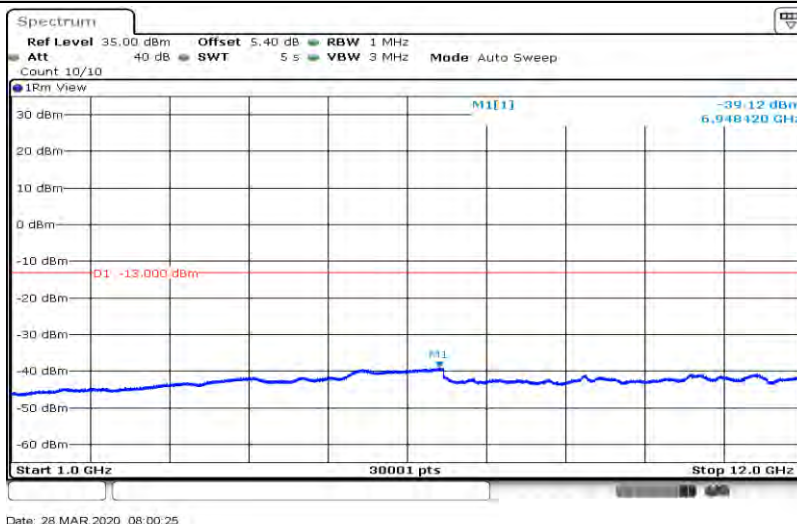
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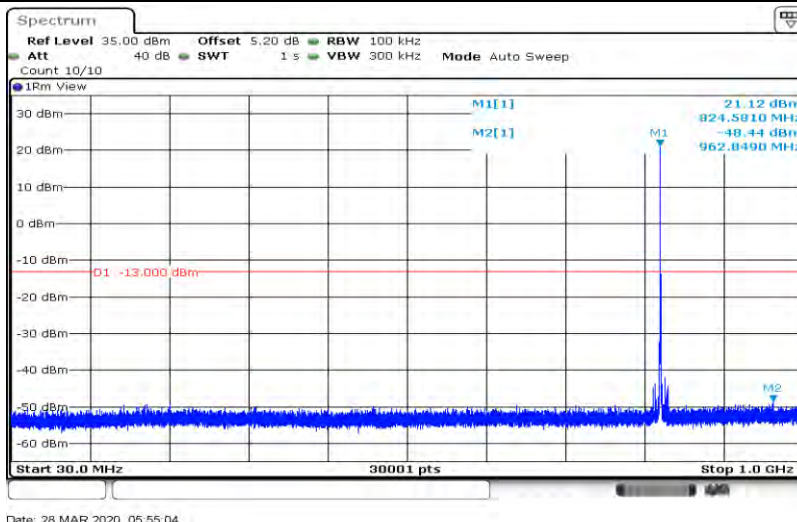


Band5-10MHz-16QAM-20450-1RB#0-Range1:30~1000MHz

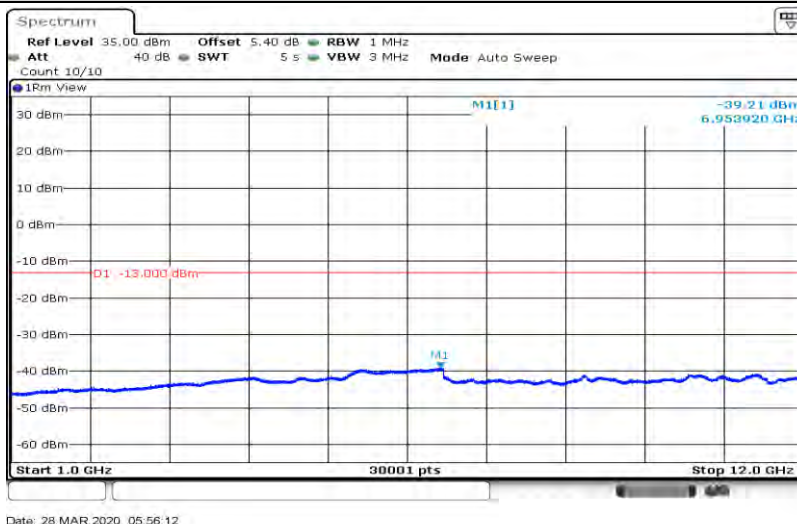


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Band5-10MHz-16QAM-20450-1RB#0-Range2:1000~12000MHz

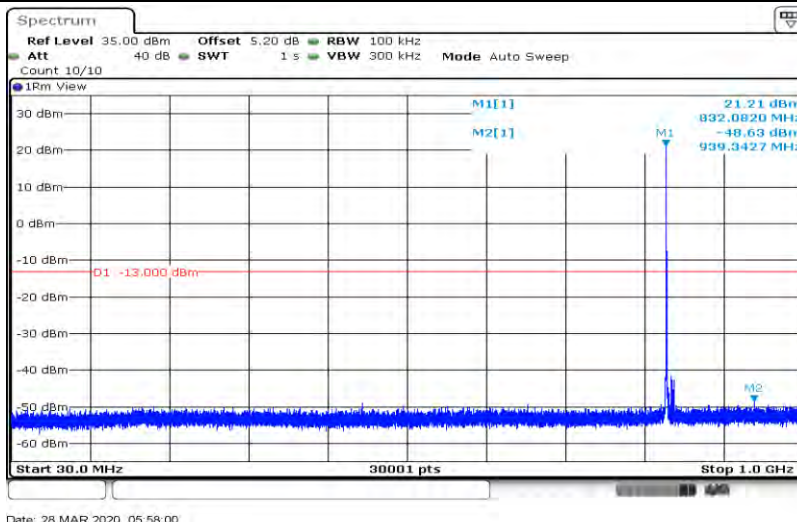


Band5-10MHz-16QAM-20525-1RB#0-Range1:30~1000MHz

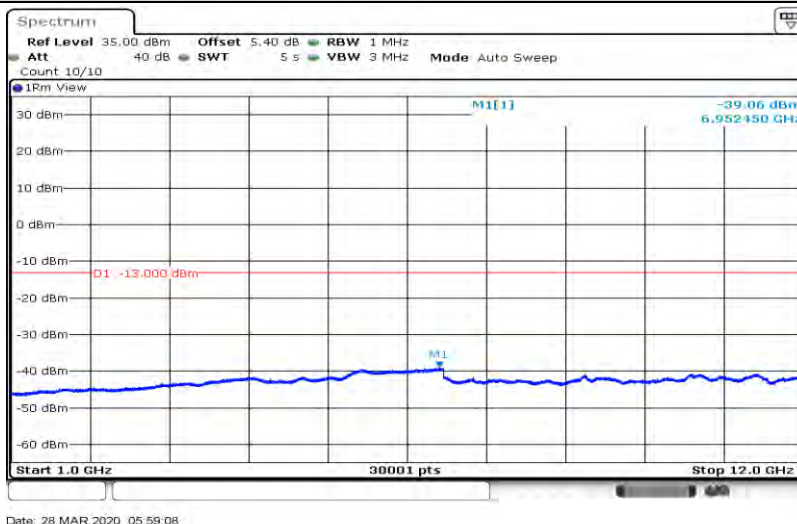


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Band5-10MHz-16QAM-20525-1RB#0-Range2:1000~12000MHz

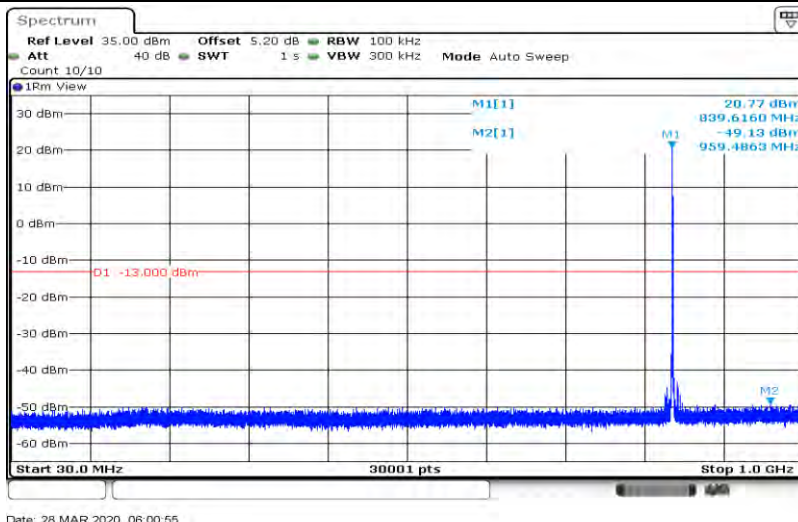


Band5-10MHz-16QAM-20600-1RB#0-Range1:30~1000MHz

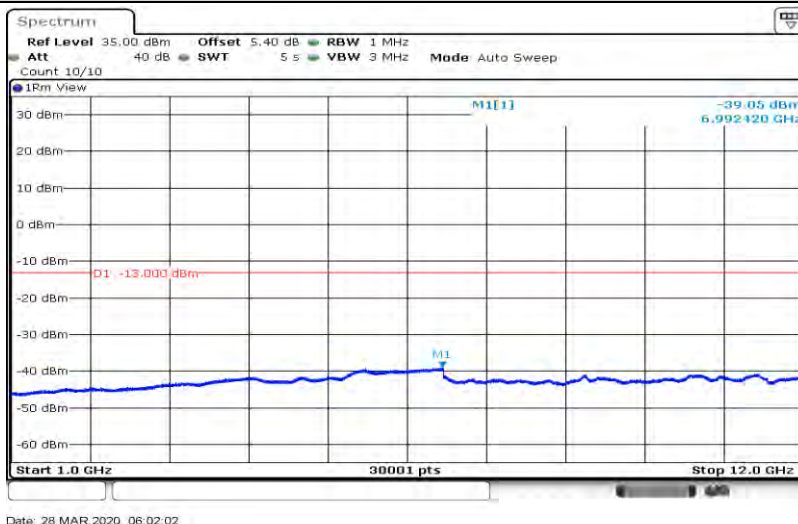


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Band5-10MHz-16QAM-20600-1RB#0-Range2:1000~12000MHz



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## 7. Field Strength of Spurious Radiation

### 7.1. Test Mode =LTE/TM1 (Down Ant)

#### 7.1.1. Test Channel = LCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 65.6493         | -67.54      | -13.00           | 54.54       | Vertical     |
| 110.4170        | -63.03      | -13.00           | 50.03       | Vertical     |
| 379.7995        | -65.73      | -13.00           | 52.73       | Vertical     |
| 989.1355        | -53.35      | -13.00           | 40.35       | Vertical     |
| 2999.1998       | -56.49      | -13.00           | 43.49       | Vertical     |
| 8794.5932       | -53.80      | -13.00           | 40.80       | Vertical     |
| 44.3567         | -62.64      | -13.00           | 49.64       | Horizontal   |
| 233.0312        | -65.65      | -13.00           | 52.65       | Horizontal   |
| 608.0034        | -60.89      | -13.00           | 47.89       | Horizontal   |
| 996.4108        | -52.68      | -13.00           | 39.68       | Horizontal   |
| 2679.9360       | -56.52      | -13.00           | 43.52       | Horizontal   |
| 8806.9936       | -53.46      | -13.00           | 40.46       | Horizontal   |

#### 7.1.2. Test Channel = MCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 78.3569         | -66.81      | -13.00           | 53.81       | Vertical     |
| 110.0775        | -62.89      | -13.00           | 49.89       | Vertical     |
| 599.5640        | -60.75      | -13.00           | 47.75       | Vertical     |
| 989.3295        | -53.23      | -13.00           | 40.23       | Vertical     |
| 2993.1986       | -56.55      | -13.00           | 43.55       | Vertical     |
| 8777.7926       | -53.62      | -13.00           | 40.62       | Vertical     |
| 43.4837         | -61.40      | -13.00           | 48.40       | Horizontal   |
| 244.4777        | -65.67      | -13.00           | 52.67       | Horizontal   |
| 584.7707        | -60.53      | -13.00           | 47.53       | Horizontal   |
| 884.2247        | -50.71      | -13.00           | 37.71       | Horizontal   |
| 2687.5375       | -56.20      | -13.00           | 43.20       | Horizontal   |
| 8787.3929       | -53.84      | -13.00           | 40.84       | Horizontal   |



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### 7.1.3. Test Channel = HCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 77.1929         | -66.68      | -13.00           | 53.68       | Vertical     |
| 110.2715        | -62.80      | -13.00           | 49.80       | Vertical     |
| 603.1532        | -61.01      | -13.00           | 48.01       | Vertical     |
| 996.4108        | -52.92      | -13.00           | 39.92       | Vertical     |
| 2999.5999       | -56.49      | -13.00           | 43.49       | Vertical     |
| 8809.3936       | -53.55      | -13.00           | 40.55       | Vertical     |
| 39.1185         | -62.17      | -13.00           | 49.17       | Horizontal   |
| 236.0383        | -65.37      | -13.00           | 52.37       | Horizontal   |
| 544.9017        | -62.08      | -13.00           | 49.08       | Horizontal   |
| 999.0785        | -53.09      | -13.00           | 40.09       | Horizontal   |
| 2699.9400       | -56.09      | -13.00           | 43.09       | Horizontal   |
| 8026.7676       | -55.13      | -13.00           | 42.13       | Horizontal   |

### 7.2. Test Mode =LTE/TM1 (Up Ant)

#### 7.2.1. Test Channel = LCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 65.8918         | -67.14      | -13.00           | 54.14       | Vertical     |
| 110.6110        | -62.03      | -13.00           | 49.03       | Vertical     |
| 374.0762        | -65.06      | -13.00           | 52.06       | Vertical     |
| 1183.6367       | -63.61      | -13.00           | 50.61       | Vertical     |
| 2995.5991       | -56.21      | -13.00           | 43.21       | Vertical     |
| 8790.9930       | -53.42      | -13.00           | 40.42       | Vertical     |
| 41.4466         | -62.80      | -13.00           | 49.80       | Horizontal   |
| 244.1382        | -65.40      | -13.00           | 52.40       | Horizontal   |
| 986.1283        | -52.97      | -13.00           | 39.97       | Horizontal   |
| 2701.1402       | -56.09      | -13.00           | 43.09       | Horizontal   |
| 7465.1488       | -55.04      | -13.00           | 42.04       | Horizontal   |
| 8776.3925       | -53.60      | -13.00           | 40.60       | Horizontal   |

#### 7.2.2. Test Channel = MCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 115.2673        | -62.81      | -13.00           | 49.81       | Vertical     |
| 555.9118        | -63.01      | -13.00           | 50.01       | Vertical     |
| 1183.6367       | -63.03      | -13.00           | 50.03       | Vertical     |



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|           |        |        |       |            |
|-----------|--------|--------|-------|------------|
| 2696.7393 | -57.43 | -13.00 | 44.43 | Vertical   |
| 7385.3462 | -54.63 | -13.00 | 41.63 | Vertical   |
| 8776.1925 | -53.05 | -13.00 | 40.05 | Vertical   |
| 43.6777   | -61.88 | -13.00 | 48.88 | Horizontal |
| 241.1311  | -64.69 | -13.00 | 51.69 | Horizontal |
| 1179.2358 | -63.34 | -13.00 | 50.34 | Horizontal |
| 2696.3393 | -56.12 | -13.00 | 43.12 | Horizontal |
| 7464.1488 | -55.03 | -13.00 | 42.03 | Horizontal |
| 8737.9913 | -53.36 | -13.00 | 40.36 | Horizontal |

### 7.2.3. Test Channel = HCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 104.3057        | -62.15      | -13.00           | 49.15       | Vertical     |
| 460.2165        | -64.22      | -13.00           | 51.22       | Vertical     |
| 1179.2358       | -64.18      | -13.00           | 51.18       | Vertical     |
| 2595.1190       | -58.14      | -13.00           | 45.14       | Vertical     |
| 7360.5454       | -54.74      | -13.00           | 41.74       | Vertical     |
| 8607.3869       | -53.33      | -13.00           | 40.33       | Vertical     |
| 39.4580         | -62.28      | -13.00           | 49.28       | Horizontal   |
| 531.4181        | -62.45      | -13.00           | 49.45       | Horizontal   |
| 1183.6367       | -63.53      | -13.00           | 50.53       | Horizontal   |
| 2699.9400       | -55.94      | -13.00           | 42.94       | Horizontal   |
| 7479.5493       | -54.91      | -13.00           | 41.91       | Horizontal   |
| 8762.5921       | -53.73      | -13.00           | 40.73       | 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.





## 8. Frequency Stability

### 8.1. Frequency Vs Voltage

| Band  | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|-------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0       | VL            | NT               | 0.10           | 0.000121        | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0       | VN            | NT               | -5.50          | -0.006634       | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0       | VH            | NT               | -3.00          | -0.003619       | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0       | VL            | NT               | 2.00           | 0.002391        | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0       | VN            | NT               | 3.20           | 0.003825        | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0       | VH            | NT               | 2.30           | 0.002750        | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0       | VL            | NT               | -1.50          | -0.001777       | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0       | VN            | NT               | -2.60          | -0.003081       | ±2.5        | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0       | VH            | NT               | -1.20          | -0.001422       | ±2.5        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20450   | 50RB#0       | VL            | NT               | -1.50          | -0.001809       | ±2.5        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20450   | 50RB#0       | VN            | NT               | 1.10           | 0.001327        | ±2.5        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20450   | 50RB#0       | VH            | NT               | 0.50           | 0.000603        | ±2.5        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20525   | 50RB#0       | VL            | NT               | -0.50          | -0.000598       | ±2.5        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20525   | 50RB#0       | VN            | NT               | -0.50          | -0.000598       | ±2.5        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20525   | 50RB#0       | VH            | NT               | 2.10           | 0.002510        | ±2.5        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20600   | 50RB#0       | VL            | NT               | -1.80          | -0.002133       | ±2.5        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20600   | 50RB#0       | VN            | NT               | -0.80          | -0.000948       | ±2.5        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20600   | 50RB#0       | VH            | NT               | -4.00          | -0.004739       | ±2.5        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20450   | 50RB#0       | VL            | NT               | 3.00           | 0.003619        | ±2.5        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20450   | 50RB#0       | VN            | NT               | 2.80           | 0.003378        | ±2.5        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20450   | 50RB#0       | VH            | NT               | 3.00           | 0.003619        | ±2.5        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20525   | 50RB#0       | VL            | NT               | 3.80           | 0.004543        | ±2.5        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20525   | 50RB#0       | VN            | NT               | 0.30           | 0.000359        | ±2.5        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20525   | 50RB#0       | VH            | NT               | -1.20          | -0.001435       | ±2.5        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20600   | 50RB#0       | VL            | NT               | -2.70          | -0.003199       | ±2.5        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20600   | 50RB#0       | VN            | NT               | 0.30           | 0.000355        | ±2.5        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20600   | 50RB#0       | VH            | NT               | -3.10          | -0.003673       | ±2.5        | PASS    |

### 8.2. Frequency Vs Temperature

| Band  | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|-------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0       | NV            | -30              | -3.50          | -0.004222       | ±2.5        | PASS    |



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|       |       |       |       |        |    |     |       |           |      |      |
|-------|-------|-------|-------|--------|----|-----|-------|-----------|------|------|
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | NV | -20 | -5.00 | -0.006031 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | NV | 0   | -0.10 | -0.000121 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | NV | 10  | -1.20 | -0.001448 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | NV | 20  | -3.30 | -0.003981 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | NV | 30  | -3.60 | -0.004343 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | NV | 40  | -3.00 | -0.003619 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | NV | 50  | 3.60  | 0.004343  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | NV | -30 | 0.20  | 0.000239  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | NV | -20 | -0.10 | -0.000120 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | NV | 0   | 3.90  | 0.004662  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | NV | 10  | 1.00  | 0.001195  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | NV | 20  | -1.40 | -0.001674 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | NV | 30  | -2.30 | -0.002750 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | NV | 40  | -3.70 | -0.004423 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | NV | 50  | 3.20  | 0.003825  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | NV | -30 | -3.30 | -0.003910 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | NV | -20 | 1.40  | 0.001659  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | NV | 0   | -1.80 | -0.002133 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | NV | 10  | -3.20 | -0.003791 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | NV | 20  | 3.20  | 0.003791  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | NV | 30  | 1.80  | 0.002133  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | NV | 40  | -2.30 | -0.002725 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | NV | 50  | 0.10  | 0.000118  | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | NV | -30 | -2.00 | -0.002413 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | NV | -20 | -0.30 | -0.000362 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | NV | 0   | 1.30  | 0.001568  | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | NV | 10  | -1.60 | -0.001930 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | NV | 20  | -4.30 | -0.005187 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | NV | 30  | 4.10  | 0.004946  | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | NV | 40  | 0.60  | 0.000724  | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | NV | 50  | -0.90 | -0.001086 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | -30 | -4.50 | -0.005380 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | -20 | -3.70 | -0.004423 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | 0   | 0.90  | 0.001076  | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | 10  | 2.90  | 0.003467  | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | 20  | -1.30 | -0.001554 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | 30  | -1.40 | -0.001674 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | 40  | 3.80  | 0.004543  | ±2.5 | PASS |



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|       |       |       |       |        |    |     |       |           |      |      |
|-------|-------|-------|-------|--------|----|-----|-------|-----------|------|------|
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | 50  | 3.50  | 0.004184  | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | -30 | 1.60  | 0.001896  | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | -20 | -2.80 | -0.003318 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | 0   | -3.60 | -0.004265 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | 10  | -3.50 | -0.004147 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | 20  | 3.20  | 0.003791  | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | 30  | 2.70  | 0.003199  | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | 40  | -2.90 | -0.003436 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | 50  | -3.30 | -0.003910 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | -30 | 1.60  | 0.001930  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | -20 | 2.40  | 0.002895  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 0   | 3.60  | 0.004343  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 10  | 1.20  | 0.001448  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 20  | -0.30 | -0.000362 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 30  | 2.70  | 0.003257  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 40  | 0.00  | 0.000000  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 50  | -5.50 | -0.006634 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | -30 | -4.60 | -0.005499 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | -20 | -2.40 | -0.002869 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 0   | 0.00  | 0.000000  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 10  | 3.50  | 0.004184  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 20  | 1.20  | 0.001435  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 30  | -1.60 | -0.001913 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 40  | -4.30 | -0.005140 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 50  | -3.20 | -0.003825 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | -30 | 1.50  | 0.001777  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | -20 | 2.10  | 0.002488  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 0   | -2.60 | -0.003081 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 10  | -5.10 | -0.006043 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 20  | 2.70  | 0.003199  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 30  | 0.60  | 0.000711  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 40  | 1.70  | 0.002014  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 50  | -2.90 | -0.003436 | ±2.5 | PASS |



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