



# Appendix B

## E-UTRA Band 5



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## 1. Effective (Isotropic) Radiated Power

### 1.1. Test Result for Down Antenna

| BAND  | Bandwidth | Modulation | Channel | RB Configuration | Conducted Power(dBm) | ERP (dBm) | Limit (dBm) | Verdict |
|-------|-----------|------------|---------|------------------|----------------------|-----------|-------------|---------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0            | 23.99                | 16.02     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#2            | 23.74                | 15.77     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#5            | 23.88                | 15.91     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 3RB#0            | 23.73                | 15.76     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 3RB#1            | 23.72                | 15.75     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 3RB#3            | 23.90                | 15.93     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 6RB#0            | 22.78                | 14.81     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#0            | 23.68                | 15.71     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#2            | 23.67                | 15.70     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#5            | 23.71                | 15.74     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 3RB#0            | 23.88                | 15.91     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 3RB#1            | 23.68                | 15.71     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 3RB#3            | 23.74                | 15.77     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 6RB#0            | 22.84                | 14.87     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#0            | 23.59                | 15.62     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#2            | 23.66                | 15.69     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#5            | 23.66                | 15.69     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 3RB#0            | 23.66                | 15.69     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 3RB#1            | 23.54                | 15.57     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 3RB#3            | 23.68                | 15.71     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0            | 22.63                | 14.66     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20407   | 1RB#0            | 21.88                | 13.91     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20407   | 1RB#2            | 21.92                | 13.95     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20407   | 1RB#5            | 21.82                | 13.85     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20407   | 3RB#0            | 21.82                | 13.85     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20407   | 3RB#1            | 21.98                | 14.01     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20407   | 3RB#3            | 22.19                | 14.22     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20407   | 6RB#0            | 20.85                | 12.88     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20525   | 1RB#0            | 21.85                | 13.88     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20525   | 1RB#2            | 22.19                | 14.22     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20525   | 1RB#5            | 21.96                | 13.99     | 38.45       | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20525   | 3RB#0            | 21.83                | 13.86     | 38.45       | PASS    |



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|       |        |       |       |        |       |       |       |      |
|-------|--------|-------|-------|--------|-------|-------|-------|------|
| Band5 | 1.4MHz | 64QAM | 20525 | 3RB#1  | 22.06 | 14.09 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 3RB#3  | 21.99 | 14.02 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 6RB#0  | 20.88 | 12.91 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 1RB#0  | 21.94 | 13.97 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 1RB#2  | 21.88 | 13.91 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 1RB#5  | 22.16 | 14.19 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 3RB#0  | 21.98 | 14.01 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 3RB#1  | 22.04 | 14.07 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 3RB#3  | 22.14 | 14.17 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 6RB#0  | 20.93 | 12.96 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#0  | 22.96 | 14.99 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#2  | 22.83 | 14.86 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#5  | 23.03 | 15.06 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#0  | 22.78 | 14.81 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#1  | 22.73 | 14.76 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#3  | 22.87 | 14.90 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0  | 21.76 | 13.79 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#0  | 23.07 | 15.10 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#2  | 22.59 | 14.62 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#5  | 22.86 | 14.89 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#0  | 22.71 | 14.74 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#1  | 22.73 | 14.76 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#3  | 22.83 | 14.86 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0  | 21.68 | 13.71 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#0  | 22.81 | 14.84 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#2  | 22.62 | 14.65 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#5  | 22.81 | 14.84 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#0  | 22.63 | 14.66 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#1  | 22.61 | 14.64 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#3  | 22.78 | 14.81 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0  | 21.71 | 13.74 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#0  | 23.91 | 15.94 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#8  | 23.77 | 15.80 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#14 | 23.69 | 15.72 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#0  | 22.86 | 14.89 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#4  | 22.80 | 14.83 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#7  | 22.69 | 14.72 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 15RB#0 | 22.77 | 14.80 | 38.45 | PASS |



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|       |      |       |       |        |       |       |       |      |
|-------|------|-------|-------|--------|-------|-------|-------|------|
| Band5 | 3MHz | QPSK  | 20525 | 1RB#0  | 23.80 | 15.83 | 38.45 | PASS |
| Band5 | 3MHz | QPSK  | 20525 | 1RB#8  | 23.86 | 15.89 | 38.45 | PASS |
| Band5 | 3MHz | QPSK  | 20525 | 1RB#14 | 23.61 | 15.64 | 38.45 | PASS |
| Band5 | 3MHz | QPSK  | 20525 | 8RB#0  | 22.83 | 14.86 | 38.45 | PASS |
| Band5 | 3MHz | QPSK  | 20525 | 8RB#4  | 22.80 | 14.83 | 38.45 | PASS |
| Band5 | 3MHz | QPSK  | 20525 | 8RB#7  | 22.64 | 14.67 | 38.45 | PASS |
| Band5 | 3MHz | QPSK  | 20525 | 15RB#0 | 22.68 | 14.71 | 38.45 | PASS |
| Band5 | 3MHz | QPSK  | 20635 | 1RB#0  | 23.76 | 15.79 | 38.45 | PASS |
| Band5 | 3MHz | QPSK  | 20635 | 1RB#8  | 23.74 | 15.77 | 38.45 | PASS |
| Band5 | 3MHz | QPSK  | 20635 | 1RB#14 | 23.69 | 15.72 | 38.45 | PASS |
| Band5 | 3MHz | QPSK  | 20635 | 8RB#0  | 22.67 | 14.70 | 38.45 | PASS |
| Band5 | 3MHz | QPSK  | 20635 | 8RB#4  | 22.61 | 14.64 | 38.45 | PASS |
| Band5 | 3MHz | QPSK  | 20635 | 8RB#7  | 22.57 | 14.60 | 38.45 | PASS |
| Band5 | 3MHz | QPSK  | 20635 | 15RB#0 | 22.63 | 14.66 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 1RB#0  | 22.03 | 14.06 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 1RB#8  | 22.14 | 14.17 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 1RB#14 | 22.02 | 14.05 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 8RB#0  | 20.93 | 12.96 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 8RB#4  | 21.03 | 13.06 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 8RB#7  | 21.11 | 13.14 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 15RB#0 | 21.11 | 13.14 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 1RB#0  | 22.07 | 14.10 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 1RB#8  | 22.01 | 14.04 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 1RB#14 | 22.16 | 14.19 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 8RB#0  | 21.14 | 13.17 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 8RB#4  | 21.04 | 13.07 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 8RB#7  | 20.94 | 12.97 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 15RB#0 | 20.89 | 12.92 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 1RB#0  | 21.87 | 13.90 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 1RB#8  | 22.10 | 14.13 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 1RB#14 | 22.03 | 14.06 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 8RB#0  | 20.82 | 12.85 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 8RB#4  | 20.95 | 12.98 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 8RB#7  | 20.90 | 12.93 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 15RB#0 | 21.12 | 13.15 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#0  | 23.00 | 15.03 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#8  | 22.92 | 14.95 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#14 | 22.81 | 14.84 | 38.45 | PASS |



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|       |      |       |       |         |       |       |       |      |
|-------|------|-------|-------|---------|-------|-------|-------|------|
| Band5 | 3MHz | 16QAM | 20415 | 8RB#0   | 21.85 | 13.88 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#4   | 21.78 | 13.81 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#7   | 21.79 | 13.82 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 15RB#0  | 21.84 | 13.87 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#0   | 22.98 | 15.01 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#8   | 22.86 | 14.89 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#14  | 22.78 | 14.81 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#0   | 21.80 | 13.83 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#4   | 21.69 | 13.72 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#7   | 21.79 | 13.82 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 15RB#0  | 21.66 | 13.69 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#0   | 22.69 | 14.72 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#8   | 22.92 | 14.95 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#14  | 22.84 | 14.87 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#0   | 21.69 | 13.72 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#4   | 21.66 | 13.69 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#7   | 21.60 | 13.63 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0  | 21.59 | 13.62 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#0   | 23.95 | 15.98 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#12  | 23.71 | 15.74 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#24  | 23.66 | 15.69 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#0  | 22.80 | 14.83 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#6  | 22.84 | 14.87 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#13 | 22.88 | 14.91 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 25RB#0  | 22.88 | 14.91 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#0   | 23.83 | 15.86 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#12  | 23.61 | 15.64 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#24  | 23.58 | 15.61 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#0  | 22.96 | 14.99 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#6  | 22.70 | 14.73 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#13 | 22.73 | 14.76 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 25RB#0  | 22.66 | 14.69 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#0   | 23.60 | 15.63 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#12  | 23.63 | 15.66 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#24  | 23.57 | 15.60 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 12RB#0  | 22.82 | 14.85 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 12RB#6  | 22.61 | 14.64 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 12RB#13 | 22.67 | 14.70 | 38.45 | PASS |



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|       |      |       |       |         |       |       |       |      |
|-------|------|-------|-------|---------|-------|-------|-------|------|
| Band5 | 5MHz | QPSK  | 20625 | 25RB#0  | 22.75 | 14.78 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 1RB#0   | 22.18 | 14.21 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 1RB#12  | 22.10 | 14.13 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 1RB#24  | 21.89 | 13.92 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 12RB#0  | 21.04 | 13.07 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 12RB#6  | 21.04 | 13.07 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 12RB#13 | 20.91 | 12.94 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 25RB#0  | 20.87 | 12.90 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 1RB#0   | 22.13 | 14.16 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 1RB#12  | 21.90 | 13.93 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 1RB#24  | 21.82 | 13.85 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 12RB#0  | 21.18 | 13.21 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 12RB#6  | 20.82 | 12.85 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 12RB#13 | 20.97 | 13.00 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 25RB#0  | 21.10 | 13.13 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20625 | 1RB#0   | 21.83 | 13.86 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20625 | 1RB#12  | 22.08 | 14.11 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20625 | 1RB#24  | 21.96 | 13.99 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20625 | 12RB#0  | 21.04 | 13.07 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20625 | 12RB#6  | 20.98 | 13.01 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20625 | 12RB#13 | 21.10 | 13.13 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20625 | 25RB#0  | 21.16 | 13.19 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#0   | 22.87 | 14.90 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#12  | 22.76 | 14.79 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#24  | 22.82 | 14.85 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 12RB#0  | 21.82 | 13.85 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 12RB#6  | 21.82 | 13.85 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 12RB#13 | 21.89 | 13.92 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 25RB#0  | 21.81 | 13.84 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 1RB#0   | 22.83 | 14.86 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 1RB#12  | 22.77 | 14.80 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 1RB#24  | 22.90 | 14.93 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 12RB#0  | 21.73 | 13.76 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 12RB#6  | 21.63 | 13.66 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 12RB#13 | 21.74 | 13.77 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 25RB#0  | 21.65 | 13.68 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 1RB#0   | 22.73 | 14.76 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 1RB#12  | 22.51 | 14.54 | 38.45 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#24  | 22.91 | 14.94 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#0  | 21.77 | 13.80 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#6  | 21.67 | 13.70 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#13 | 21.68 | 13.71 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0  | 21.73 | 13.76 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#0   | 23.93 | 15.96 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#24  | 23.68 | 15.71 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#49  | 23.68 | 15.71 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#0  | 22.87 | 14.90 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#12 | 22.88 | 14.91 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#25 | 22.78 | 14.81 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0  | 22.85 | 14.88 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#0   | 23.83 | 15.86 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#24  | 23.70 | 15.73 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#49  | 23.65 | 15.68 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#0  | 22.84 | 14.87 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#12 | 22.67 | 14.70 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#25 | 22.78 | 14.81 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0  | 22.83 | 14.86 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#0   | 23.77 | 15.80 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#24  | 23.55 | 15.58 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#49  | 23.61 | 15.64 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#0  | 22.83 | 14.86 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#12 | 22.65 | 14.68 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#25 | 22.66 | 14.69 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0  | 22.78 | 14.81 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 1RB#0   | 22.10 | 14.13 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 1RB#24  | 22.18 | 14.21 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 1RB#49  | 22.10 | 14.13 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 25RB#0  | 20.90 | 12.93 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 25RB#12 | 20.93 | 12.96 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 25RB#25 | 20.82 | 12.85 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0  | 21.16 | 13.19 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 1RB#0   | 21.89 | 13.92 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 1RB#24  | 22.00 | 14.03 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 1RB#49  | 22.15 | 14.18 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 25RB#0  | 20.88 | 12.91 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 25RB#12 | 20.83 | 12.86 | 38.45 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band5 | 10MHz | 64QAM | 20525 | 25RB#25 | 21.02 | 13.05 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0  | 21.17 | 13.20 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 1RB#0   | 21.99 | 14.02 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 1RB#24  | 21.94 | 13.97 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 1RB#49  | 21.88 | 13.91 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 25RB#0  | 20.91 | 12.94 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 25RB#12 | 21.19 | 13.22 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 25RB#25 | 21.11 | 13.14 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0  | 21.15 | 13.18 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0   | 22.86 | 14.89 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#24  | 22.58 | 14.61 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#49  | 22.87 | 14.90 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#0  | 21.80 | 13.83 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#12 | 21.78 | 13.81 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#25 | 21.77 | 13.80 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0  | 21.82 | 13.85 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#0   | 22.95 | 14.98 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#24  | 22.53 | 14.56 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#49  | 22.84 | 14.87 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#0  | 21.75 | 13.78 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#12 | 21.64 | 13.67 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#25 | 21.78 | 13.81 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0  | 21.78 | 13.81 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0   | 22.95 | 14.98 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#24  | 22.45 | 14.48 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#49  | 22.79 | 14.82 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#0  | 21.65 | 13.68 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#12 | 21.65 | 13.68 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#25 | 21.81 | 13.84 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0  | 21.74 | 13.77 | 38.45 | PASS |

## 1.2. Test Result for Up Antenna

| BAND  | Bandwidth | Modulation | Channel | RB Configuration | Conducted Power(dBm) | ERP (dBm) | Limit (dBm) | Verdict |
|-------|-----------|------------|---------|------------------|----------------------|-----------|-------------|---------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0            | 23.75                | 15.50     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#2            | 23.49                | 15.24     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#5            | 23.69                | 15.44     | 38.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 3RB#0            | 23.72                | 15.47     | 38.45       | PASS    |



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|       |        |       |       |       |       |       |       |      |
|-------|--------|-------|-------|-------|-------|-------|-------|------|
| Band5 | 1.4MHz | QPSK  | 20407 | 3RB#1 | 23.70 | 15.45 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK  | 20407 | 3RB#3 | 23.63 | 15.38 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK  | 20407 | 6RB#0 | 22.75 | 14.50 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 1RB#0 | 23.70 | 15.45 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 1RB#2 | 23.60 | 15.35 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 1RB#5 | 23.79 | 15.54 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 3RB#0 | 23.68 | 15.43 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 3RB#1 | 23.70 | 15.45 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 3RB#3 | 23.80 | 15.55 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 6RB#0 | 22.87 | 14.62 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 1RB#0 | 23.72 | 15.47 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 1RB#2 | 23.77 | 15.52 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 1RB#5 | 23.85 | 15.60 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 3RB#0 | 23.85 | 15.60 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 3RB#1 | 23.74 | 15.49 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 3RB#3 | 23.68 | 15.43 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 6RB#0 | 22.82 | 14.57 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20407 | 1RB#0 | 21.79 | 13.54 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20407 | 1RB#2 | 21.63 | 13.38 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20407 | 1RB#5 | 21.77 | 13.52 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20407 | 3RB#0 | 21.76 | 13.51 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20407 | 3RB#1 | 21.75 | 13.50 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20407 | 3RB#3 | 21.64 | 13.39 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20407 | 6RB#0 | 20.80 | 12.55 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 1RB#0 | 21.85 | 13.60 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 1RB#2 | 21.90 | 13.65 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 1RB#5 | 22.09 | 13.84 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 3RB#0 | 21.84 | 13.59 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 3RB#1 | 21.78 | 13.53 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 3RB#3 | 21.87 | 13.62 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 6RB#0 | 20.78 | 12.53 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 1RB#0 | 22.03 | 13.78 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 1RB#2 | 21.97 | 13.72 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 1RB#5 | 21.97 | 13.72 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 3RB#0 | 21.76 | 13.51 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 3RB#1 | 21.84 | 13.59 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 3RB#3 | 21.88 | 13.63 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 6RB#0 | 20.76 | 12.51 | 38.45 | PASS |



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|       |        |       |       |        |       |       |       |      |
|-------|--------|-------|-------|--------|-------|-------|-------|------|
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#0  | 22.72 | 14.47 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#2  | 22.62 | 14.37 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#5  | 22.87 | 14.62 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#0  | 22.82 | 14.57 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#1  | 22.82 | 14.57 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#3  | 22.74 | 14.49 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0  | 21.78 | 13.53 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#0  | 23.06 | 14.81 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#2  | 22.76 | 14.51 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#5  | 22.92 | 14.67 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#0  | 22.76 | 14.51 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#1  | 22.94 | 14.69 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#3  | 22.81 | 14.56 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0  | 21.79 | 13.54 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#0  | 22.98 | 14.73 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#2  | 22.72 | 14.47 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#5  | 22.89 | 14.64 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#0  | 22.72 | 14.47 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#1  | 22.79 | 14.54 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#3  | 22.75 | 14.50 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0  | 21.78 | 13.53 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#0  | 23.66 | 15.41 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#8  | 23.74 | 15.49 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#14 | 23.70 | 15.45 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#0  | 22.89 | 14.64 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#4  | 22.85 | 14.60 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#7  | 22.83 | 14.58 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 15RB#0 | 22.86 | 14.61 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#0  | 23.73 | 15.48 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#8  | 23.66 | 15.41 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#14 | 23.78 | 15.53 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 8RB#0  | 22.91 | 14.66 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 8RB#4  | 22.87 | 14.62 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 8RB#7  | 22.86 | 14.61 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 15RB#0 | 22.78 | 14.53 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 1RB#0  | 23.79 | 15.54 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 1RB#8  | 23.70 | 15.45 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 1RB#14 | 23.72 | 15.47 | 38.45 | PASS |



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|       |      |       |       |        |       |       |       |      |
|-------|------|-------|-------|--------|-------|-------|-------|------|
| Band5 | 3MHz | QPSK  | 20635 | 8RB#0  | 22.88 | 14.63 | 38.45 | PASS |
| Band5 | 3MHz | QPSK  | 20635 | 8RB#4  | 22.73 | 14.48 | 38.45 | PASS |
| Band5 | 3MHz | QPSK  | 20635 | 8RB#7  | 22.74 | 14.49 | 38.45 | PASS |
| Band5 | 3MHz | QPSK  | 20635 | 15RB#0 | 22.83 | 14.58 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 1RB#0  | 21.84 | 13.59 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 1RB#8  | 21.84 | 13.59 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 1RB#14 | 21.71 | 13.46 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 8RB#0  | 20.82 | 12.57 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 8RB#4  | 20.64 | 12.39 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 8RB#7  | 20.85 | 12.60 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 15RB#0 | 20.80 | 12.55 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 1RB#0  | 21.84 | 13.59 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 1RB#8  | 22.06 | 13.81 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 1RB#14 | 21.91 | 13.66 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 8RB#0  | 20.94 | 12.69 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 8RB#4  | 20.89 | 12.64 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 8RB#7  | 20.74 | 12.49 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 15RB#0 | 20.85 | 12.60 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 1RB#0  | 21.86 | 13.61 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 1RB#8  | 21.92 | 13.67 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 1RB#14 | 21.91 | 13.66 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 8RB#0  | 20.91 | 12.66 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 8RB#4  | 20.80 | 12.55 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 8RB#7  | 20.67 | 12.42 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 15RB#0 | 20.88 | 12.63 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#0  | 22.69 | 14.44 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#8  | 22.84 | 14.59 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#14 | 22.87 | 14.62 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#0  | 21.84 | 13.59 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#4  | 21.88 | 13.63 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#7  | 21.85 | 13.60 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 15RB#0 | 21.78 | 13.53 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#0  | 22.93 | 14.68 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#8  | 22.94 | 14.69 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#14 | 23.06 | 14.81 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#0  | 21.87 | 13.62 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#4  | 21.78 | 13.53 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#7  | 21.66 | 13.41 | 38.45 | PASS |



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|       |      |       |       |         |       |       |       |      |
|-------|------|-------|-------|---------|-------|-------|-------|------|
| Band5 | 3MHz | 16QAM | 20525 | 15RB#0  | 21.74 | 13.49 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#0   | 22.91 | 14.66 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#8   | 22.98 | 14.73 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#14  | 22.85 | 14.60 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#0   | 21.85 | 13.60 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#4   | 21.68 | 13.43 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#7   | 21.71 | 13.46 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0  | 21.84 | 13.59 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#0   | 23.70 | 15.45 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#12  | 23.84 | 15.59 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#24  | 23.66 | 15.41 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#0  | 22.91 | 14.66 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#6  | 22.87 | 14.62 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#13 | 22.85 | 14.60 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 25RB#0  | 22.87 | 14.62 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#0   | 23.76 | 15.51 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#12  | 23.90 | 15.65 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#24  | 23.72 | 15.47 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#0  | 22.99 | 14.74 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#6  | 22.89 | 14.64 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#13 | 22.78 | 14.53 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 25RB#0  | 22.69 | 14.44 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#0   | 23.72 | 15.47 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#12  | 23.76 | 15.51 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#24  | 23.81 | 15.56 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 12RB#0  | 23.03 | 14.78 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 12RB#6  | 22.66 | 14.41 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 12RB#13 | 22.70 | 14.45 | 38.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 25RB#0  | 22.84 | 14.59 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 1RB#0   | 21.84 | 13.59 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 1RB#12  | 21.62 | 13.37 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 1RB#24  | 21.74 | 13.49 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 12RB#0  | 20.87 | 12.62 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 12RB#6  | 20.84 | 12.59 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 12RB#13 | 20.64 | 12.39 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 25RB#0  | 20.84 | 12.59 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 1RB#0   | 22.06 | 13.81 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 1RB#12  | 21.81 | 13.56 | 38.45 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band5 | 5MHz  | 64QAM | 20525 | 1RB#24  | 21.94 | 13.69 | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM | 20525 | 12RB#0  | 20.74 | 12.49 | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM | 20525 | 12RB#6  | 20.91 | 12.66 | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM | 20525 | 12RB#13 | 20.79 | 12.54 | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM | 20525 | 25RB#0  | 20.69 | 12.44 | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM | 20625 | 1RB#0   | 21.85 | 13.60 | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM | 20625 | 1RB#12  | 21.86 | 13.61 | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM | 20625 | 1RB#24  | 21.89 | 13.64 | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM | 20625 | 12RB#0  | 20.89 | 12.64 | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM | 20625 | 12RB#6  | 20.73 | 12.48 | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM | 20625 | 12RB#13 | 20.63 | 12.38 | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM | 20625 | 25RB#0  | 20.85 | 12.60 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 1RB#0   | 22.69 | 14.44 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 1RB#12  | 22.75 | 14.50 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 1RB#24  | 22.69 | 14.44 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 12RB#0  | 21.85 | 13.60 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 12RB#6  | 21.83 | 13.58 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 12RB#13 | 21.65 | 13.40 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 25RB#0  | 21.82 | 13.57 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 1RB#0   | 22.92 | 14.67 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 1RB#12  | 22.86 | 14.61 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 1RB#24  | 22.90 | 14.65 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 12RB#0  | 21.73 | 13.48 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 12RB#6  | 21.82 | 13.57 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 12RB#13 | 21.70 | 13.45 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 25RB#0  | 21.68 | 13.43 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#0   | 22.92 | 14.67 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#12  | 22.85 | 14.60 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#24  | 23.00 | 14.75 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#0  | 21.76 | 13.51 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#6  | 21.66 | 13.41 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#13 | 21.65 | 13.40 | 38.45 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0  | 21.81 | 13.56 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#0   | 23.66 | 15.41 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#24  | 23.67 | 15.42 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#49  | 23.63 | 15.38 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#0  | 22.85 | 14.60 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#12 | 22.74 | 14.49 | 38.45 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band5 | 10MHz | QPSK  | 20450 | 25RB#25 | 22.72 | 14.47 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0  | 22.79 | 14.54 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#0   | 23.81 | 15.56 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#24  | 23.66 | 15.41 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#49  | 23.80 | 15.55 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#0  | 22.87 | 14.62 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#12 | 22.72 | 14.47 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#25 | 22.69 | 14.44 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0  | 22.80 | 14.55 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#0   | 23.77 | 15.52 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#24  | 23.58 | 15.33 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#49  | 23.76 | 15.51 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#0  | 22.92 | 14.67 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#12 | 22.89 | 14.64 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#25 | 22.80 | 14.55 | 38.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0  | 22.96 | 14.71 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 1RB#0   | 21.70 | 13.45 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 1RB#24  | 21.59 | 13.34 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 1RB#49  | 21.66 | 13.41 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 25RB#0  | 20.80 | 12.55 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 25RB#12 | 20.66 | 12.41 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 25RB#25 | 20.60 | 12.35 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0  | 20.70 | 12.45 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 1RB#0   | 22.02 | 13.77 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 1RB#24  | 21.85 | 13.60 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 1RB#49  | 21.94 | 13.69 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 25RB#0  | 20.85 | 12.60 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 25RB#12 | 20.73 | 12.48 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 25RB#25 | 20.91 | 12.66 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0  | 20.89 | 12.64 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 1RB#0   | 21.90 | 13.65 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 1RB#24  | 21.91 | 13.66 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 1RB#49  | 21.90 | 13.65 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 25RB#0  | 20.86 | 12.61 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 25RB#12 | 20.85 | 12.60 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 25RB#25 | 20.81 | 12.56 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0  | 20.75 | 12.50 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0   | 22.83 | 14.58 | 38.45 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band5 | 10MHz | 16QAM | 20450 | 1RB#24  | 22.75 | 14.50 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#49  | 22.81 | 14.56 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#0  | 21.77 | 13.52 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#12 | 21.67 | 13.42 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#25 | 21.60 | 13.35 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0  | 21.70 | 13.45 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#0   | 22.95 | 14.70 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#24  | 22.82 | 14.57 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#49  | 22.95 | 14.70 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#0  | 21.80 | 13.55 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#12 | 21.66 | 13.41 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#25 | 21.82 | 13.57 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0  | 21.80 | 13.55 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0   | 22.91 | 14.66 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#24  | 22.84 | 14.59 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#49  | 22.90 | 14.65 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#0  | 21.85 | 13.60 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#12 | 21.80 | 13.55 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#25 | 21.80 | 13.55 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0  | 21.66 | 13.41 | 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 [dBd]

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



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Shenzhen Branch (CSTC) Laboratory

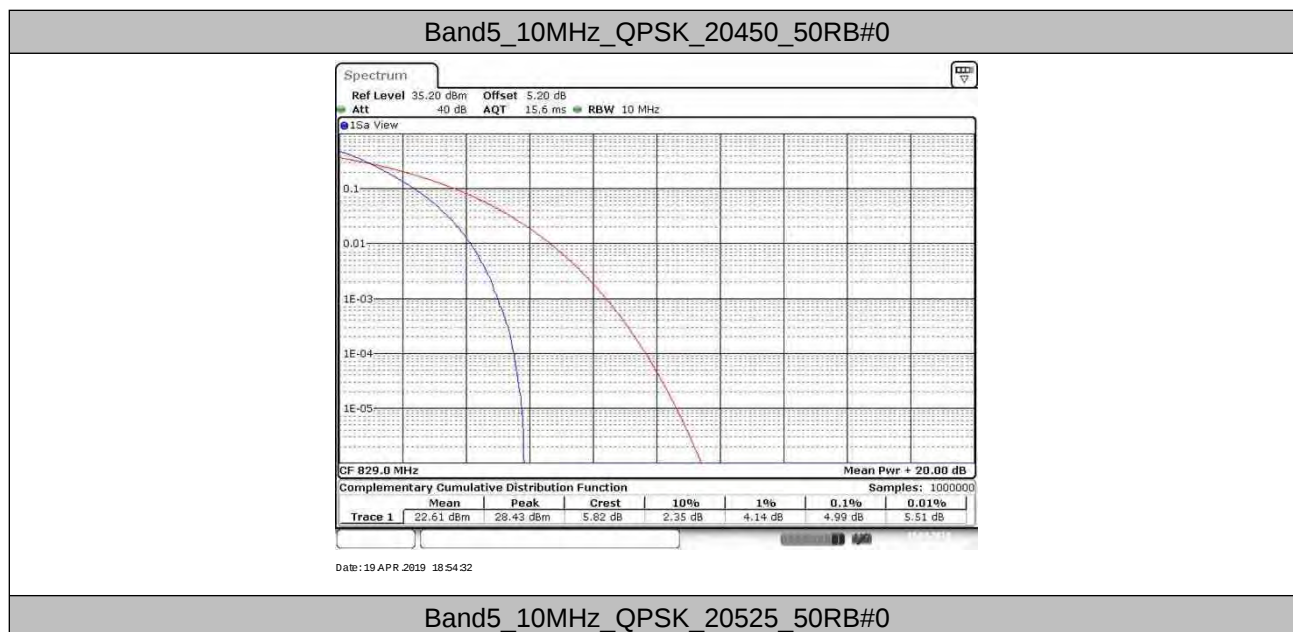
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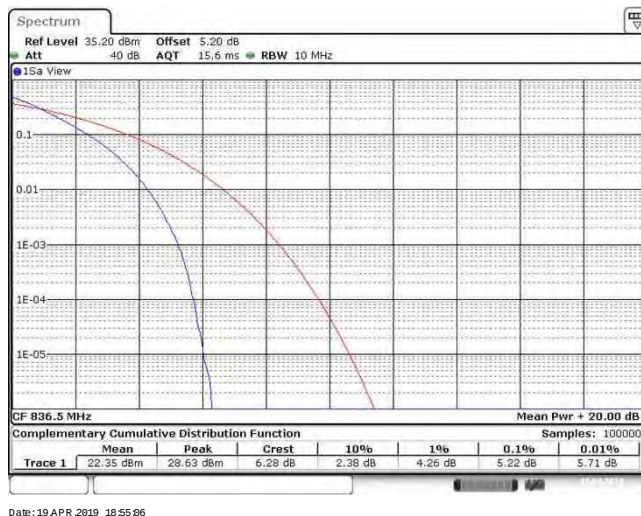
## 2. Peak-to-Average Ratio(CCDF)

### 2.1. Test Result

| BAND  | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0           | 4.99       | 13        | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0           | 5.22       | 13        | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0           | 5.16       | 13        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20450   | 50RB#0           | 5.91       | 13        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20525   | 50RB#0           | 6.09       | 13        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20600   | 50RB#0           | 6.03       | 13        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20450   | 50RB#0           | 5.88       | 13        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20525   | 50RB#0           | 6.03       | 13        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20600   | 50RB#0           | 6.00       | 13        | PASS    |

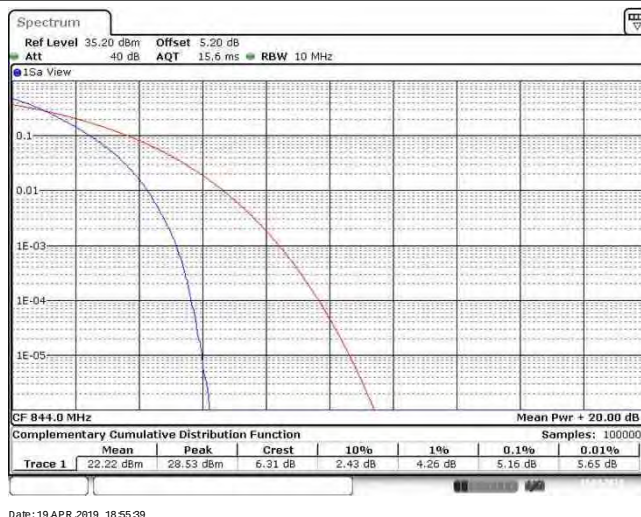
### 2.2. Test Plots





Date: 19 APR 2019 18:55:06

### Band5\_10MHz\_QPSK\_20600\_50RB#0



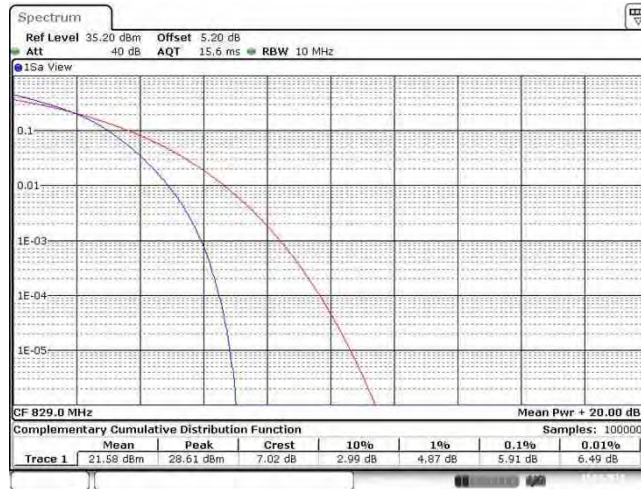
Date: 19 APR 2019 18:55:39

### Band5\_10MHz\_64QAM\_20450\_50RB#0



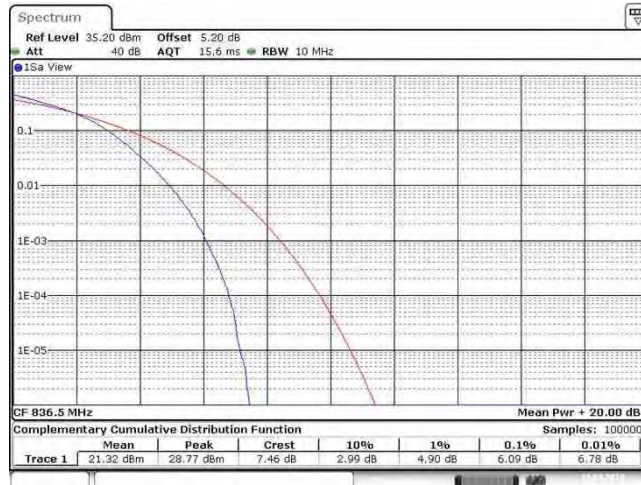
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Date: 19 APR 2019 18:54:55

**Band5\_10MHz\_64QAM\_20525\_50RB#0**



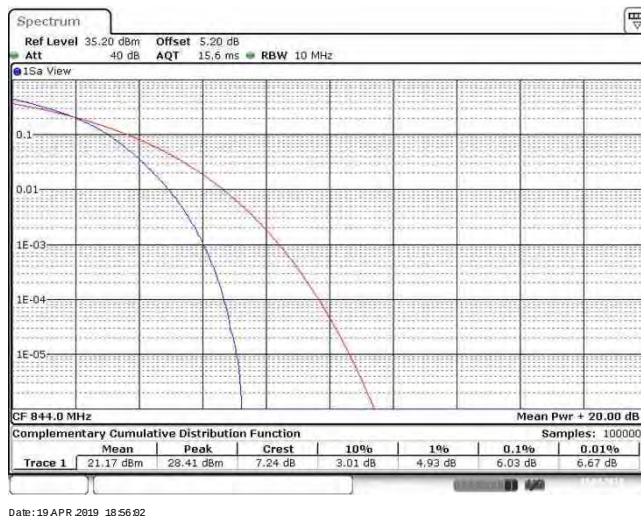
Date: 19 APR 2019 18:55:28

**Band5\_10MHz\_64QAM\_20600\_50RB#0**

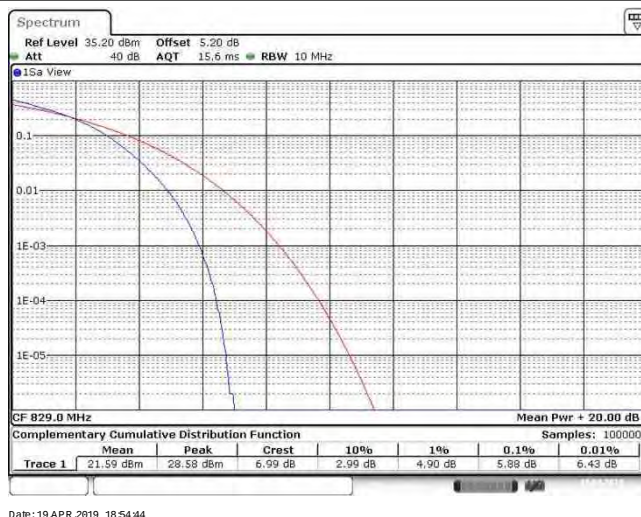


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Band5\_10MHz\_16QAM\_20450\_50RB#0



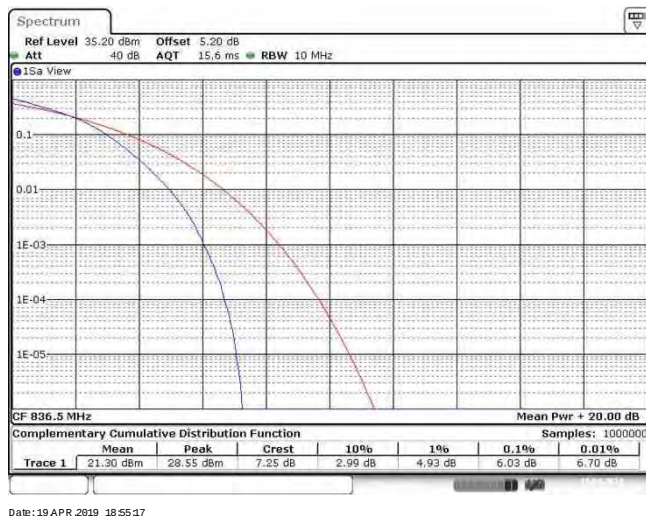
Band5\_10MHz\_16QAM\_20525\_50RB#0



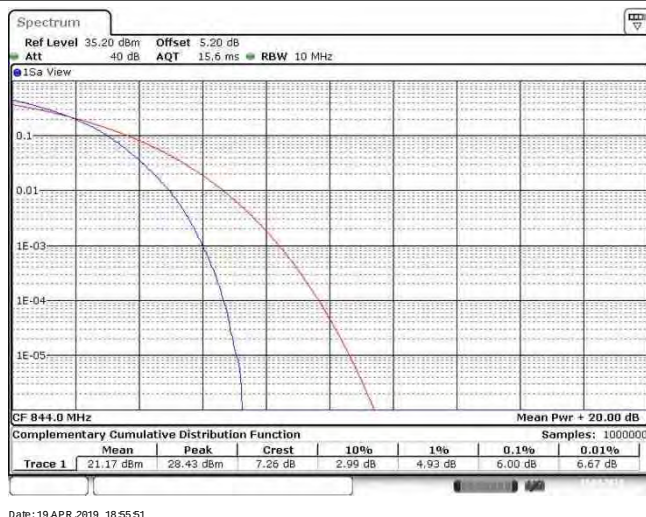
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## Band5\_10MHz\_16QAM\_20600\_50RB#0

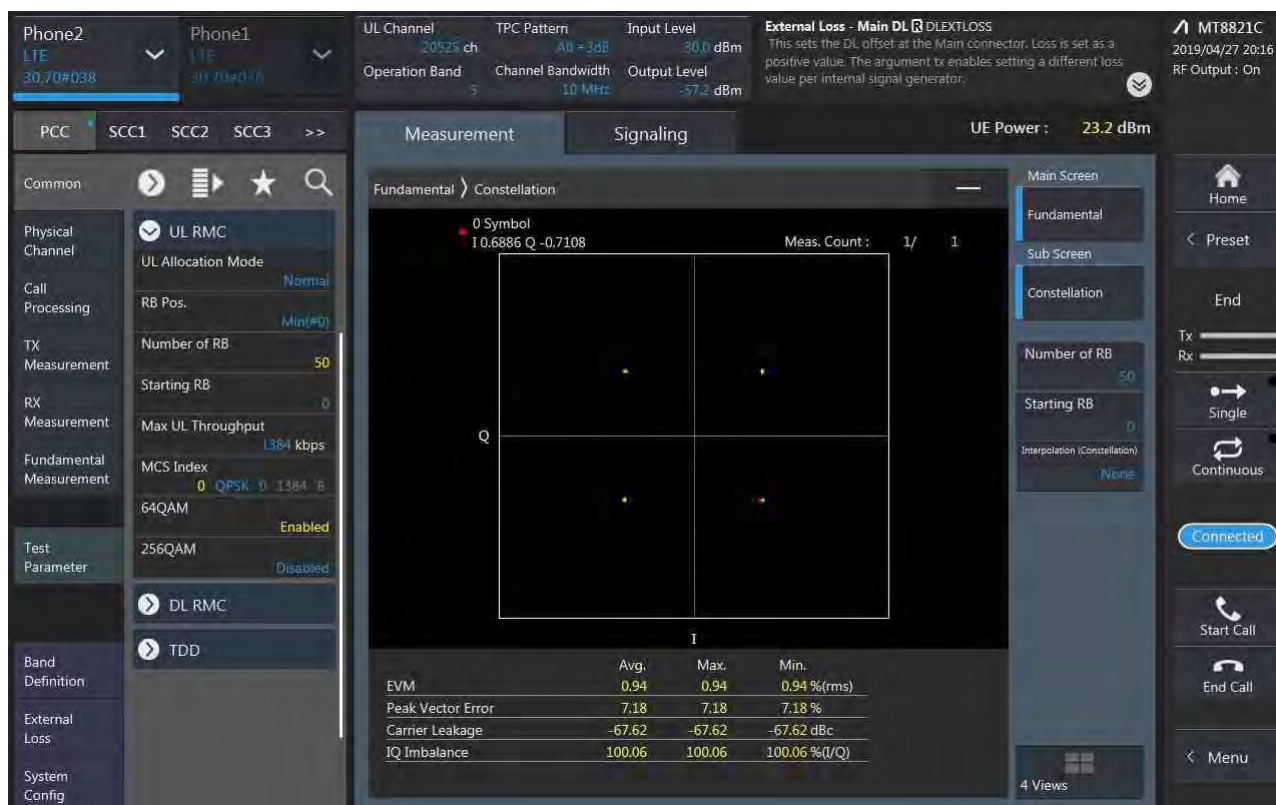


### 3. Modulation Characteristics

#### 3.1. Test BAND = LTE Band 5

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

##### 3.2.1. Test Channel = MCH

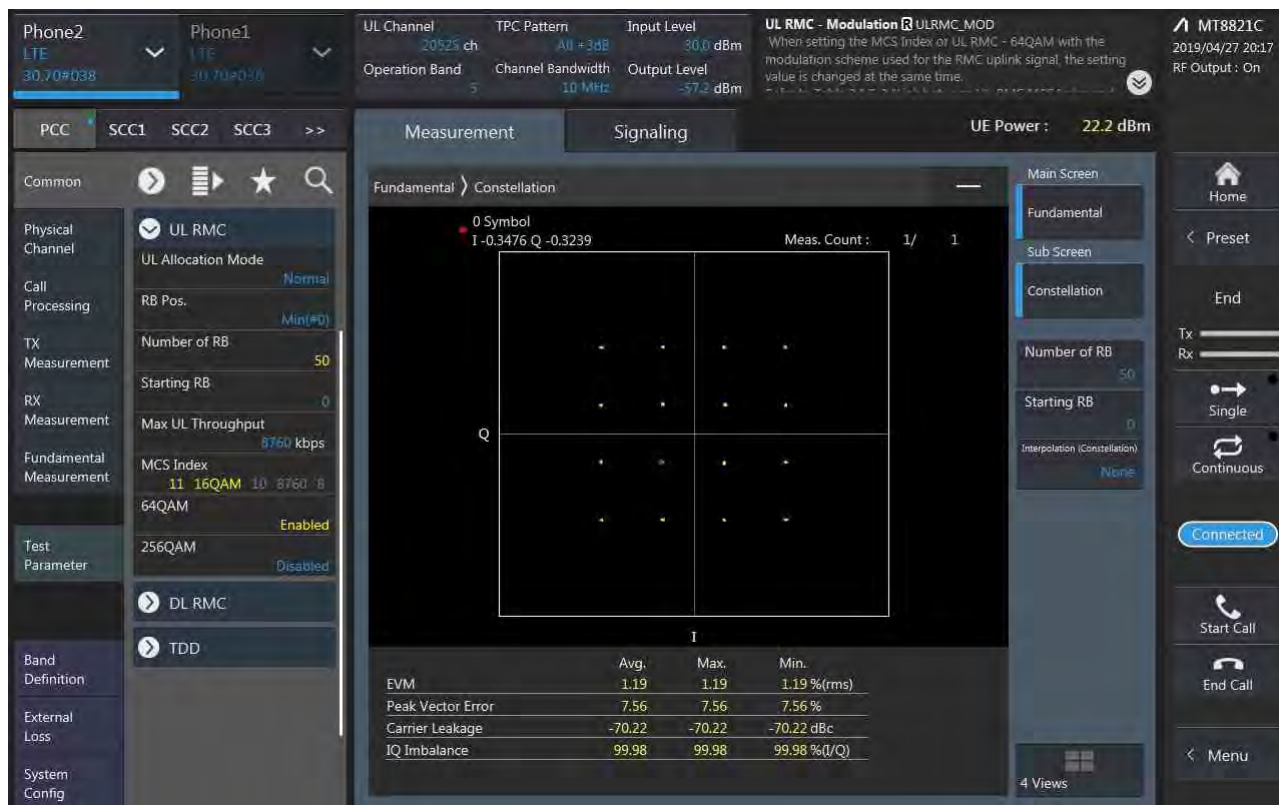


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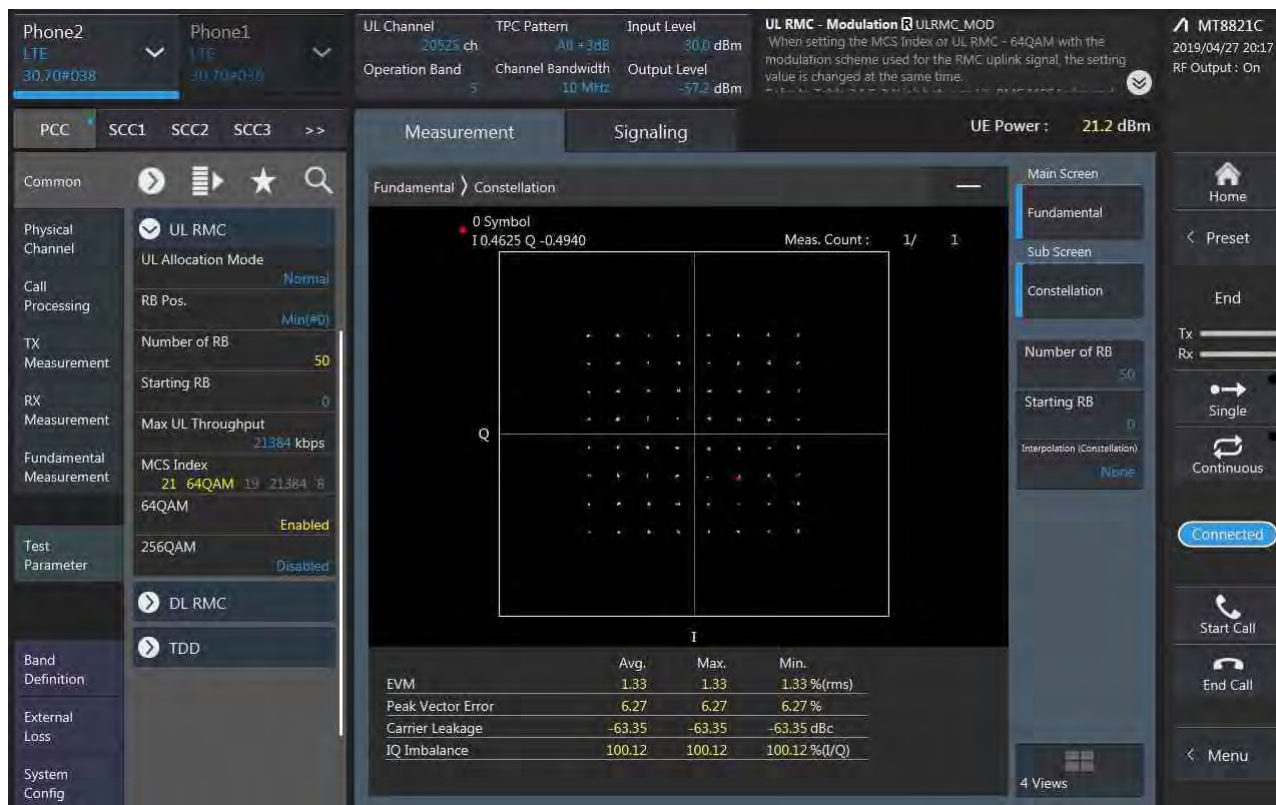
### 3.3. Test Mode = LTE /TM2 10MHz

#### 3.3.1. Test Channel = MCH



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

#### 3.4.1. 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            | 1.097                    | 1.248                | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 6RB#0            | 1.094                    | 1.248                | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0            | 1.100                    | 1.245                | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20407   | 6RB#0            | 1.097                    | 1.248                | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20525   | 6RB#0            | 1.100                    | 1.251                | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20643   | 6RB#0            | 1.100                    | 1.257                | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | 1.106                    | 1.254                | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 6RB#0            | 1.103                    | 1.251                | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 6RB#0            | 1.103                    | 1.251                | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 15RB#0           | 2.703                    | 2.982                | PASS    |
| Band5 | 3MHz      | QPSK       | 20525   | 15RB#0           | 2.691                    | 2.904                | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 15RB#0           | 2.697                    | 2.982                | PASS    |
| Band5 | 3MHz      | 64QAM      | 20415   | 15RB#0           | 2.697                    | 2.964                | PASS    |
| Band5 | 3MHz      | 64QAM      | 20525   | 15RB#0           | 2.697                    | 2.970                | PASS    |
| Band5 | 3MHz      | 64QAM      | 20635   | 15RB#0           | 2.703                    | 2.976                | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 15RB#0           | 2.703                    | 2.976                | PASS    |
| Band5 | 3MHz      | 16QAM      | 20525   | 15RB#0           | 2.697                    | 2.976                | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 15RB#0           | 2.691                    | 2.982                | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 25RB#0           | 4.466                    | 4.900                | PASS    |
| Band5 | 5MHz      | QPSK       | 20525   | 25RB#0           | 4.486                    | 4.900                | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 25RB#0           | 4.476                    | 4.920                | 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           | 4.476                    | 4.910                | PASS    |
| Band5 | 5MHz      | 16QAM      | 20425   | 25RB#0           | 4.476                    | 4.890                | PASS    |
| Band5 | 5MHz      | 16QAM      | 20525   | 25RB#0           | 4.476                    | 4.900                | PASS    |
| Band5 | 5MHz      | 16QAM      | 20625   | 25RB#0           | 4.486                    | 4.910                | PASS    |
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0           | 8.951                    | 9.780                | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0           | 8.951                    | 9.780                | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0           | 8.951                    | 9.780                | PASS    |
| Band5 | 10MHz     | 64QAM      | 20450   | 50RB#0           | 8.951                    | 9.780                | PASS    |



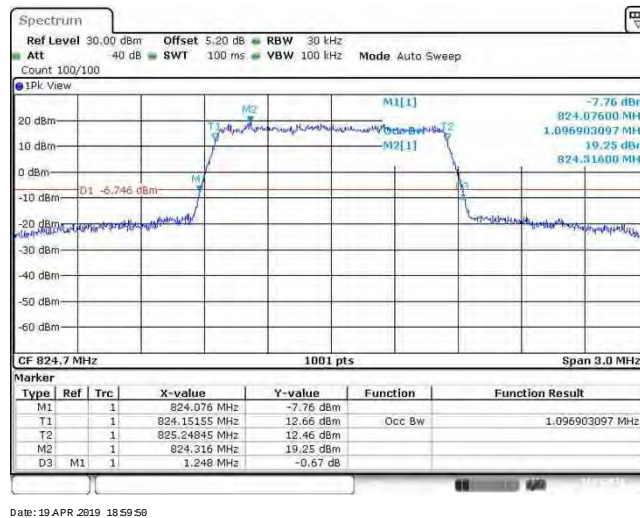
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|       |       |       |       |        |       |       |      |
|-------|-------|-------|-------|--------|-------|-------|------|
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | 8.931 | 9.760 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | 8.951 | 9.720 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | 8.971 | 9.780 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | 8.951 | 9.760 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | 8.971 | 9.820 | PASS |

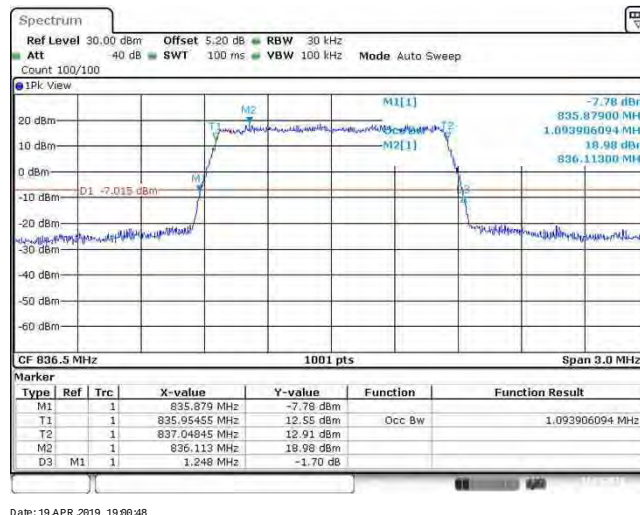
## 4.2. Test Plots

Band5\_1.4MHz\_QPSK\_20407\_6RB#0



Date: 19 APR 2019 18:59:50

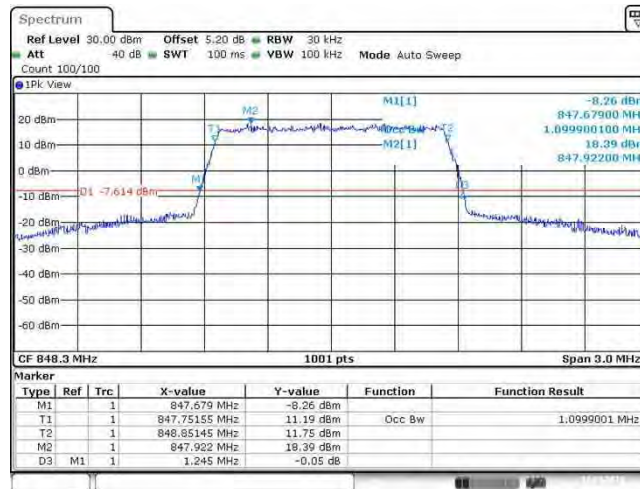
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Date: 19 APR 2019 19:00:48

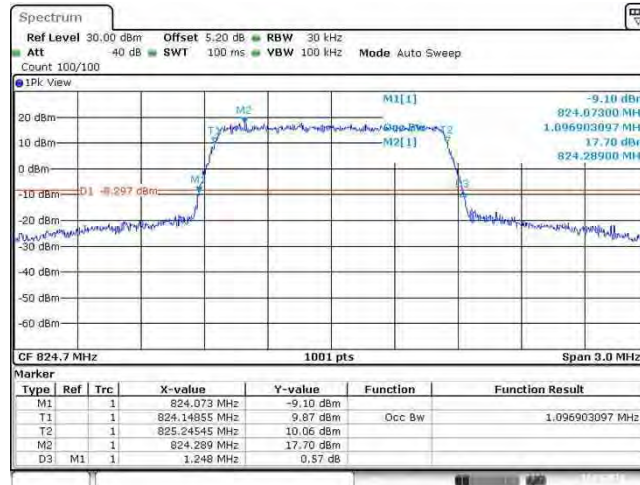
Band5\_1.4MHz\_QPSK\_20643\_6RB#0





Date: 19 APR 2019 19:01:47

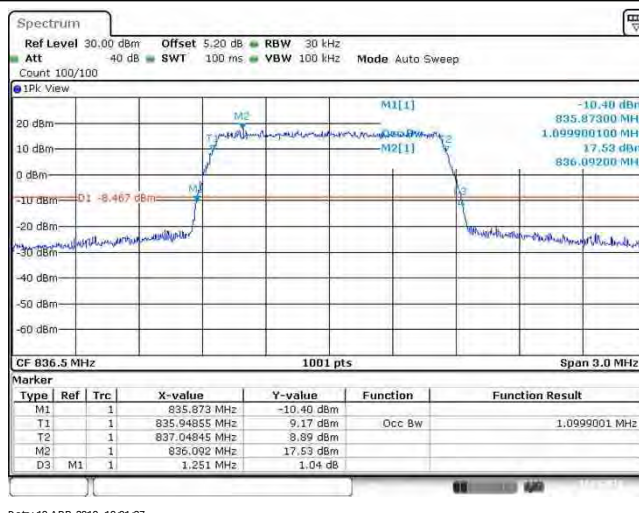
## Band5\_1.4MHz\_64QAM\_20407\_6RB#0



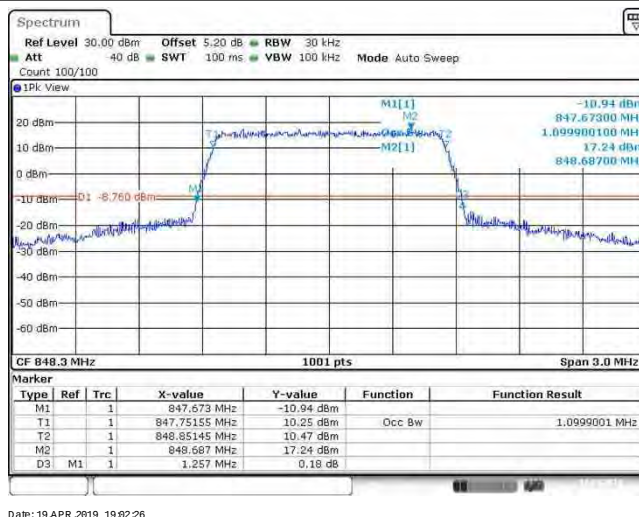
Date: 19 APR 2019 19:00:29

## Band5\_1.4MHz\_64QAM\_20525\_6RB#0





Band5 1.4MHz 64QAM 20643 6RB#0



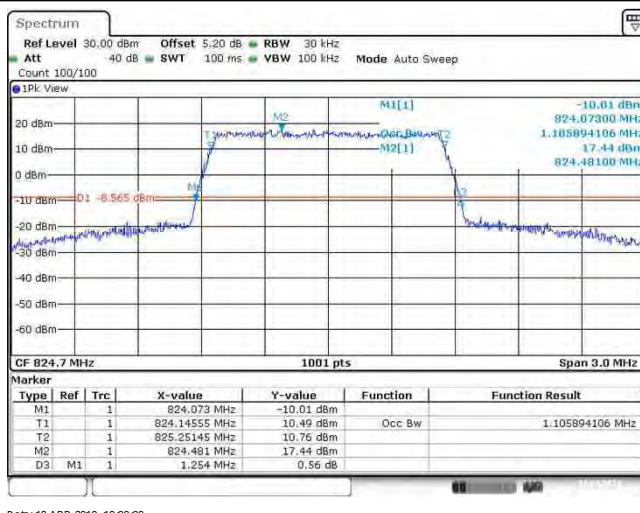
Band5 1.4MHz 16QAM 20407 6RB#0



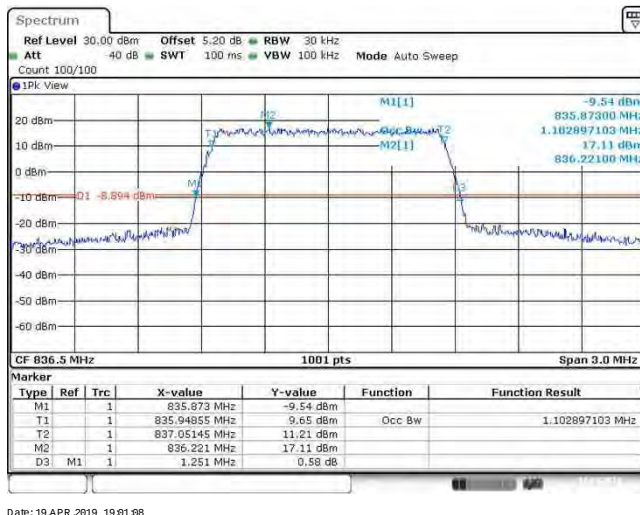
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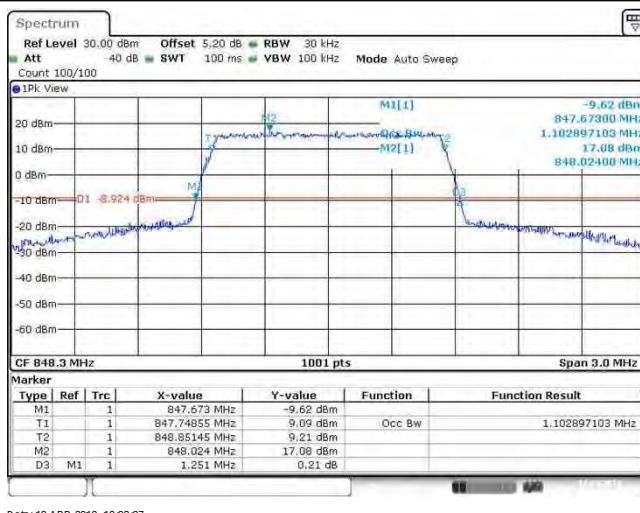


## Band5\_1.4MHz\_16QAM\_20525\_6RB#0

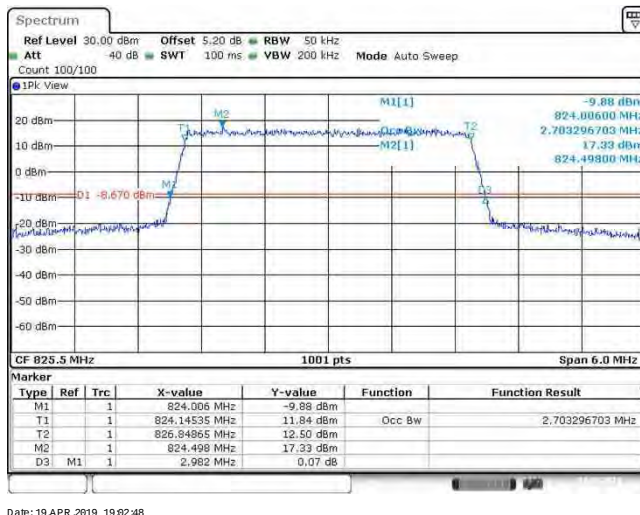


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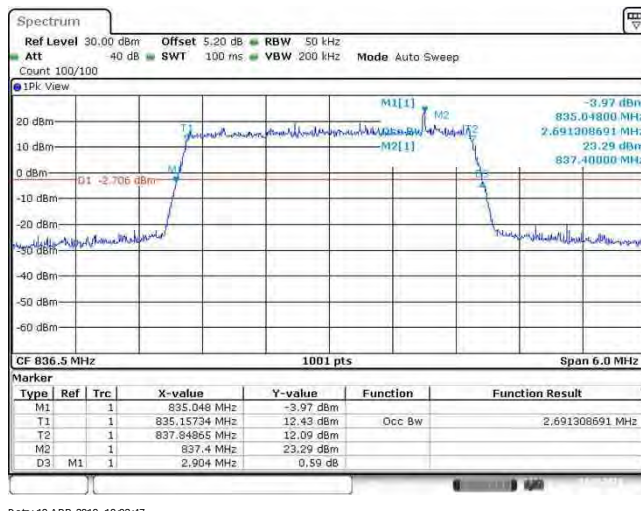


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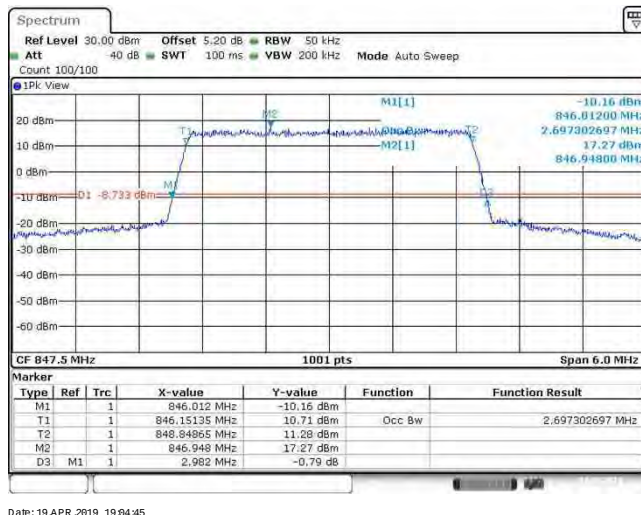


## Band5\_3MHz\_QPSK\_20525\_15RB#0





## Band5\_3MHz\_QPSK\_20635\_15RB#0

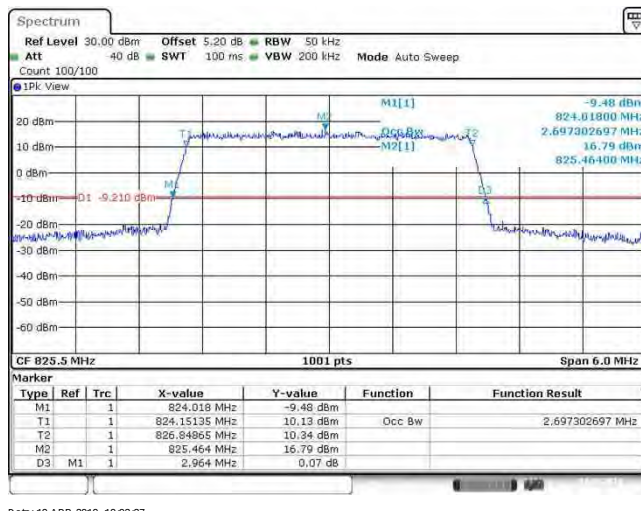


## Band5\_3MHz\_64QAM\_20415\_15RB#0



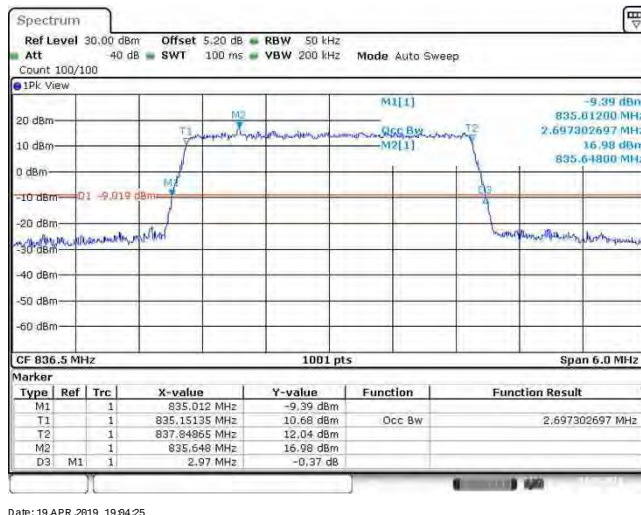
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Date: 19 APR 2019 19:53:27

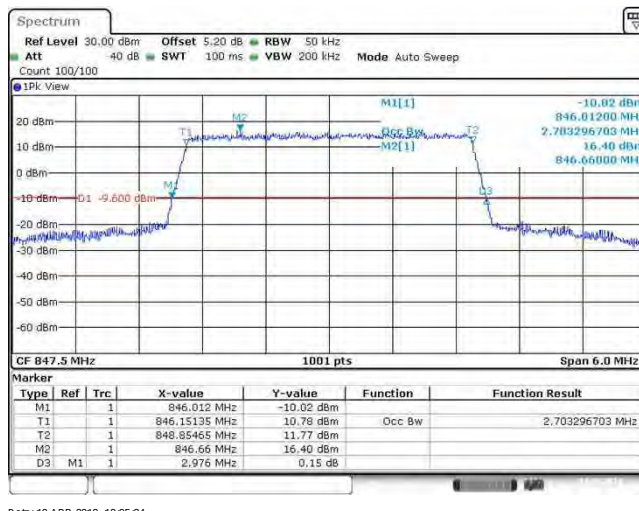
## Band5\_3MHz\_64QAM\_20525\_15RB#0



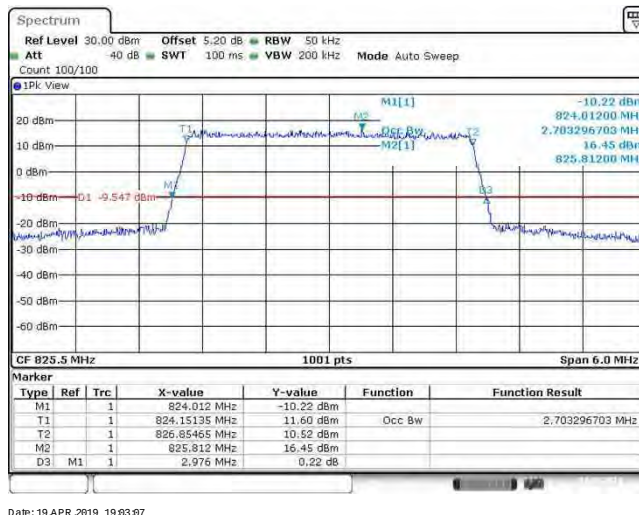
Date: 19 APR 2019 19:54:25

## Band5\_3MHz\_64QAM\_20635\_15RB#0





Band5\_3MHz\_16QAM\_20415\_15RB#0

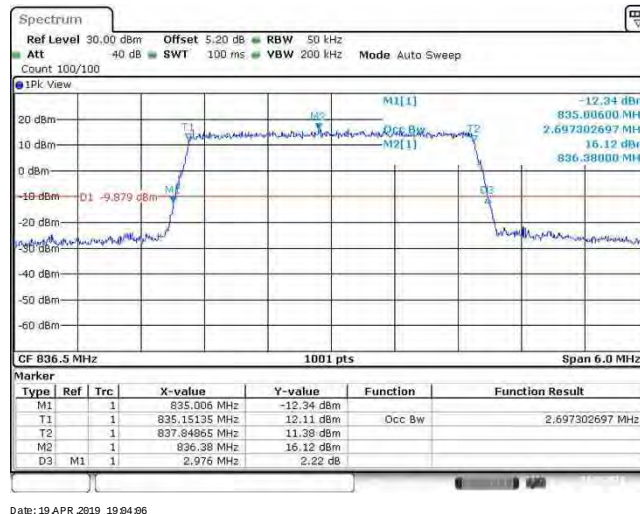


Band5\_3MHz\_16QAM\_20525\_15RB#0



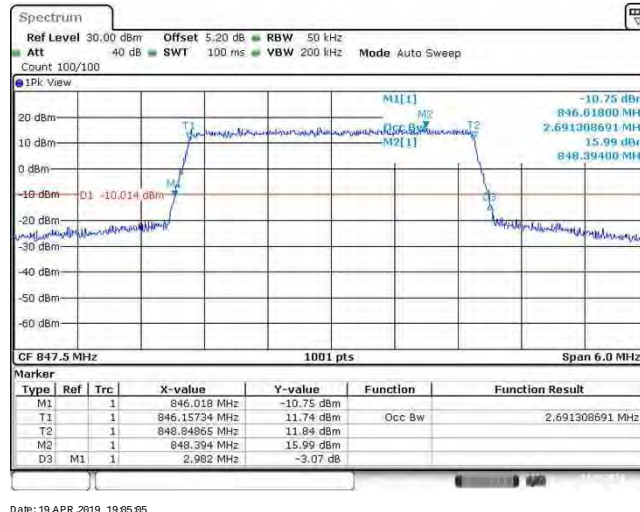
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Date: 19 APR 2019 19:04:06

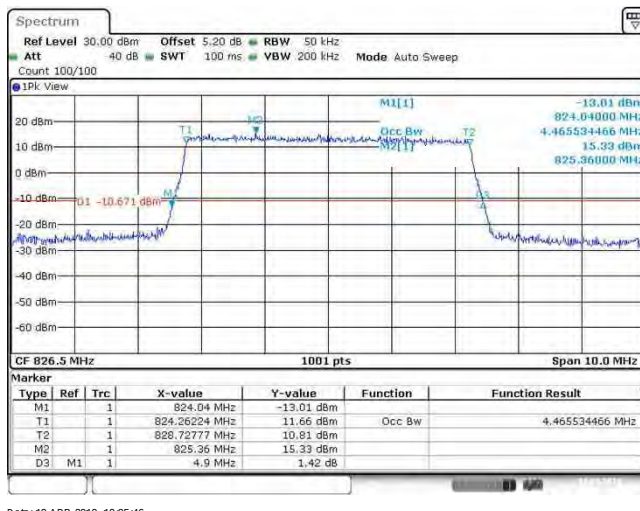
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Date: 19 APR 2019 19:05:05

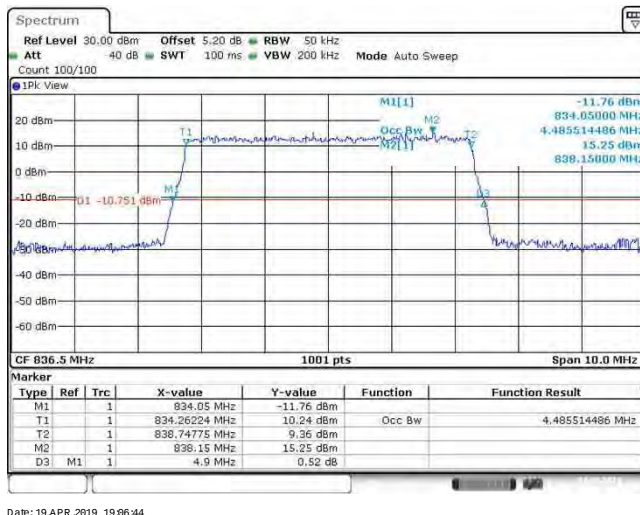
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Date: 19 APR 2019 19:55:46

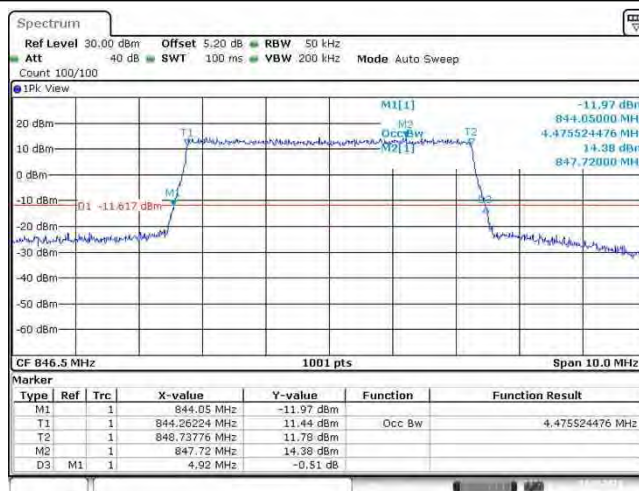
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Date: 19 APR 2019 19:56:44

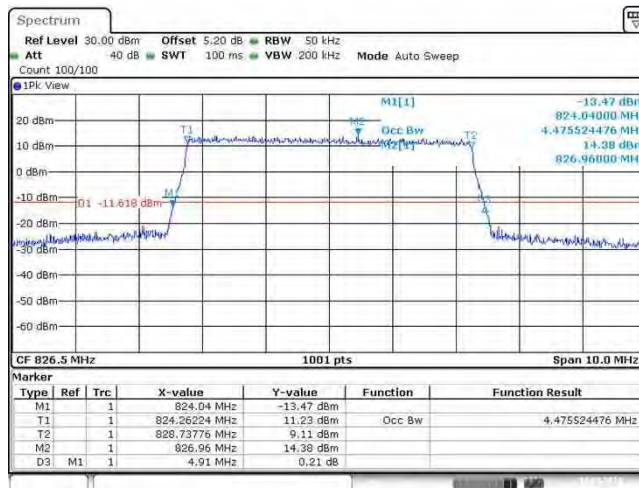
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Date: 19 APR 2019 19:07:43

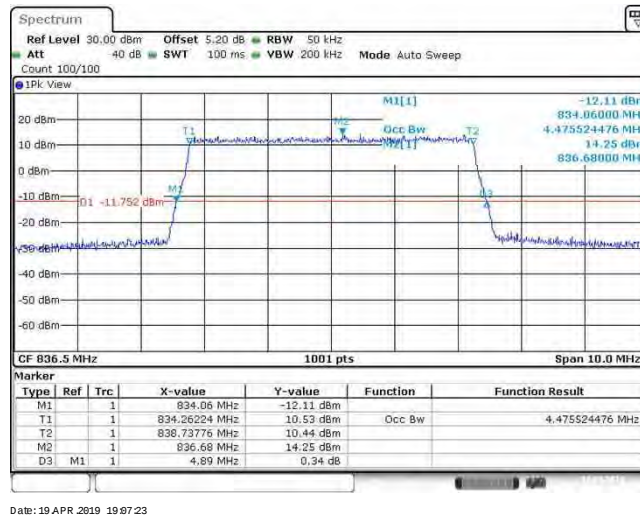
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Date: 19 APR 2019 19:06:25

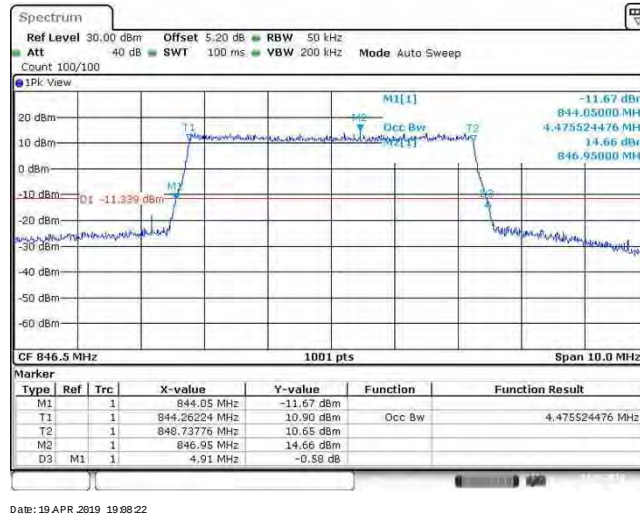
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Date: 19 APR 2019 19:07:23

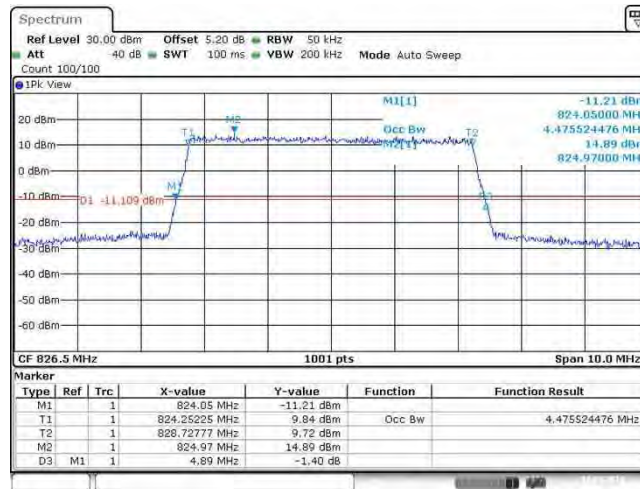
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Date: 19 APR 2019 19:08:22

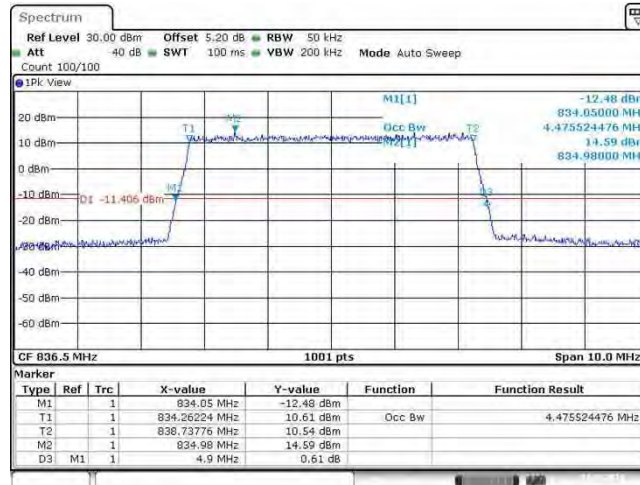
## Band5\_5MHz\_16QAM\_20425\_25RB#0





Date: 19 APR 2019 19:06:05

## Band5\_5MHz\_16QAM\_20525\_25RB#0



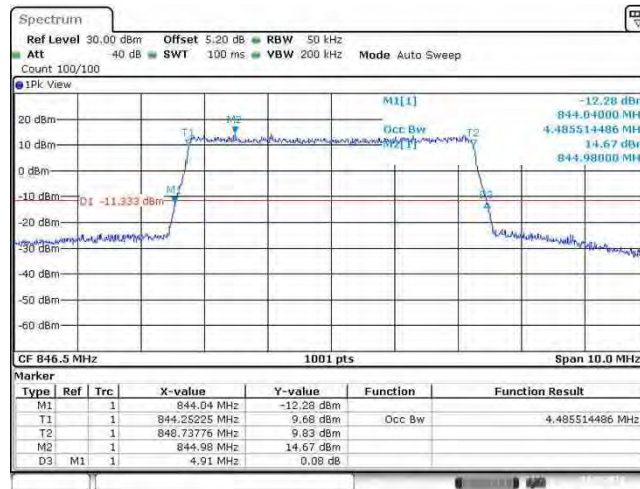
Date: 19 APR 2019 19:07:04

## Band5\_5MHz\_16QAM\_20625\_25RB#0



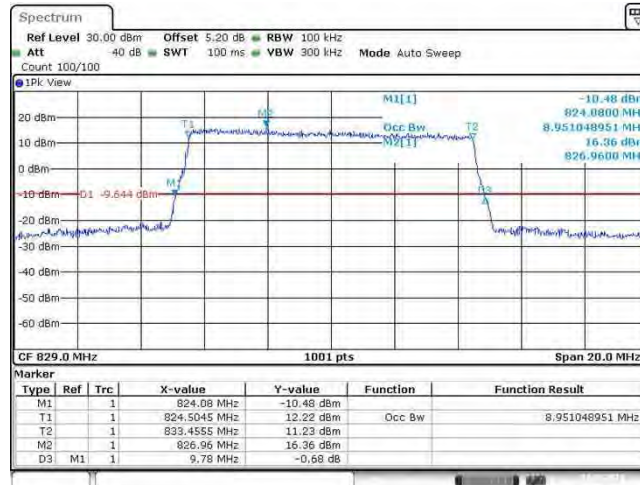
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Date: 19 APR 2019 19:58:53

## Band5\_10MHz\_QPSK\_20450\_50RB#0



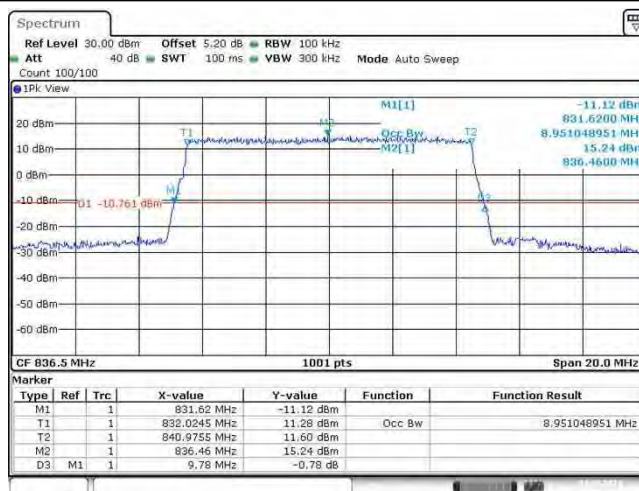
Date: 19 APR 2019 19:58:44

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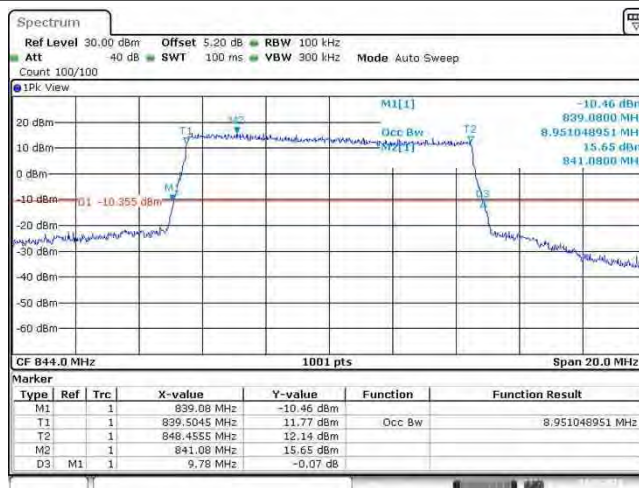
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Date: 19 APR 2019 19:59:42

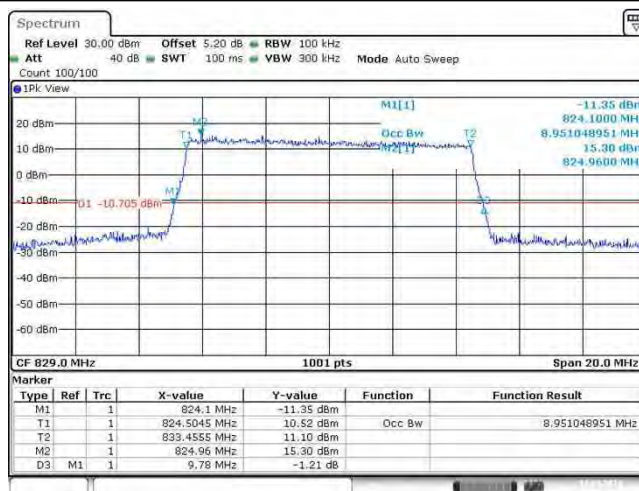
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Date: 19 APR 2019 19:18:43

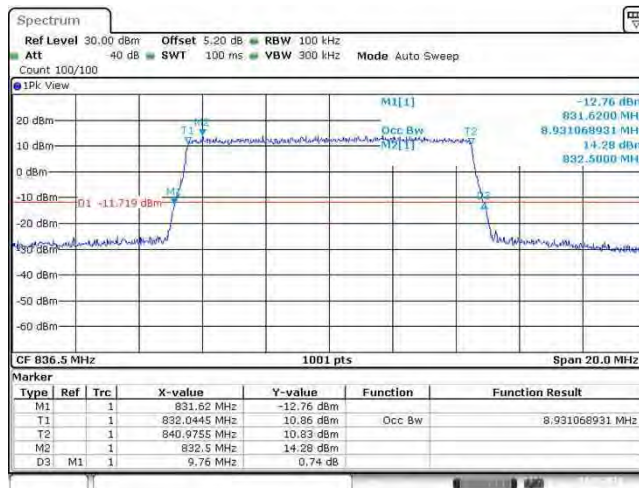
## Band5\_10MHz\_64QAM\_20450\_50RB#0





Date: 19 APR 2019 19:09:23

## Band5\_10MHz\_64QAM\_20525\_50RB#0



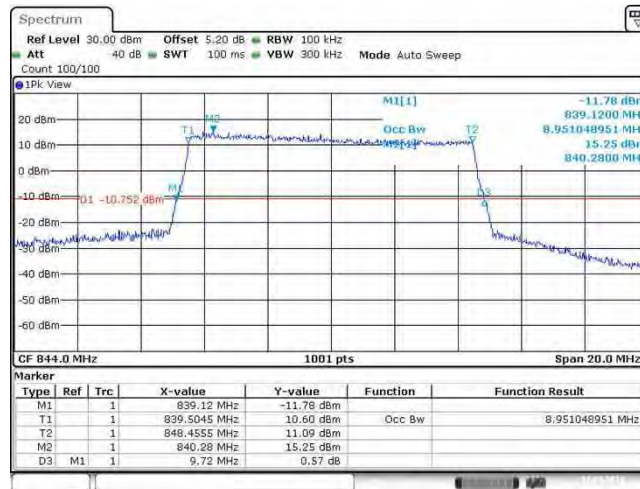
Date: 19 APR 2019 19:10:21

## Band5\_10MHz\_64QAM\_20600\_50RB#0



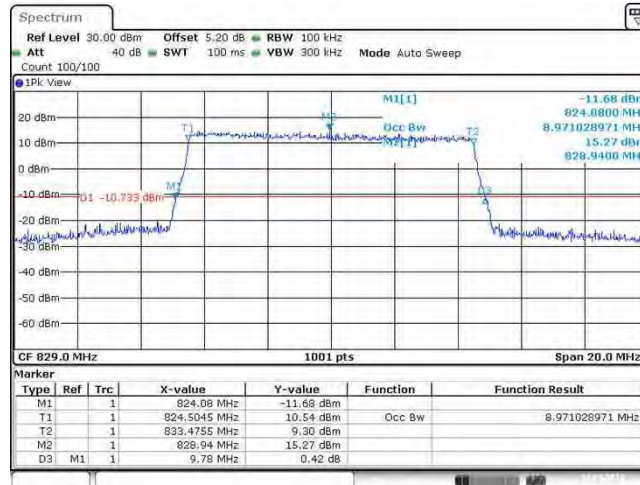
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Date: 19 APR 2019 19:11:22

## Band5\_10MHz\_16QAM\_20450\_50RB#0



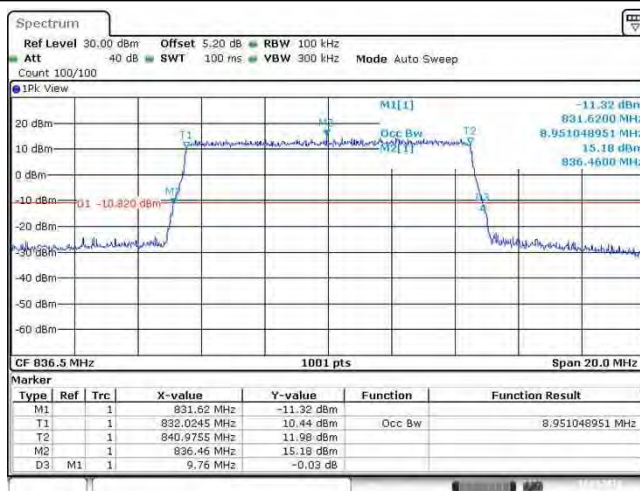
Date: 19 APR 2019 19:09:03

## Band5\_10MHz\_16QAM\_20525\_50RB#0



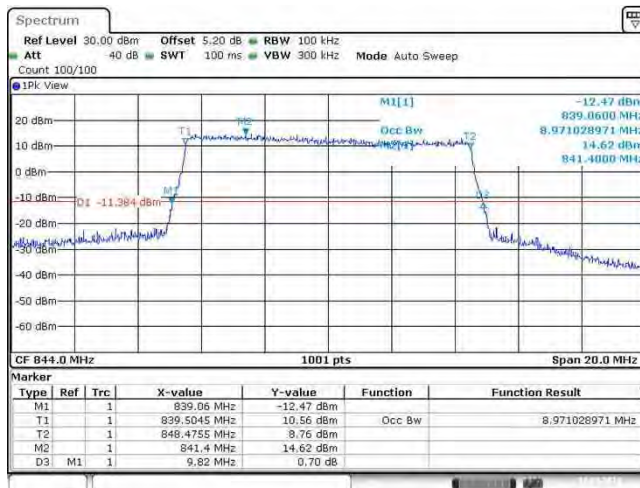
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Date: 19 APR 2019 19:18:02

## Band5\_10MHz\_16QAM\_20600\_50RB#0



Date: 19 APR 2019 19:11:03



## 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



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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



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Band5\_1.4MHz\_64QAM\_20643\_6RB#0



Band5\_1.4MHz\_16QAM\_20407\_1RB#0





Band5\_1.4MHz\_16QAM\_20407\_6RB#0

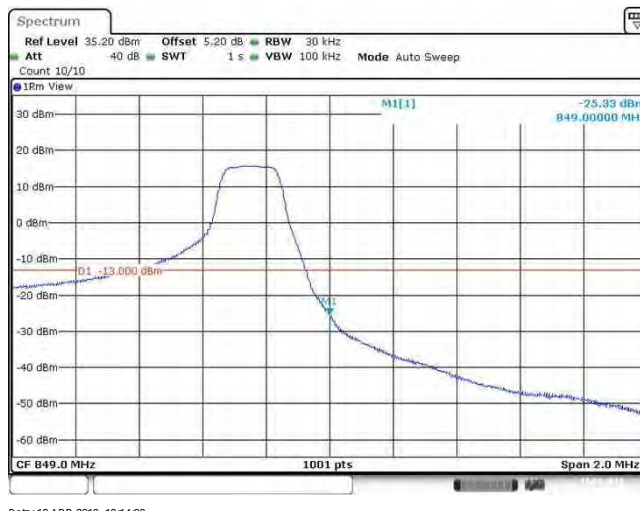


Band5\_1.4MHz\_16QAM\_20643\_1RB#5



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Band5\_1.4MHz\_16QAM\_20643\_6RB#0



Band5\_3MHz\_QPSK\_20415\_1RB#0





Band5\_3MHz\_QPSK\_20415\_15RB#0



Band5\_3MHz\_QPSK\_20635\_1RB#14



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Date: 19 APR 2019 19:17:35

### Band5\_3MHz\_QPSK\_20635\_15RB#0



Date: 19 APR 2019 19:18:33

### Band5\_3MHz\_64QAM\_20415\_1RB#0





Band5\_3MHz\_64QAM\_20415\_15RB#0



Band5\_3MHz\_64QAM\_20635\_1RB#14



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Band5\_3MHz\_64QAM\_20635\_15RB#0



Band5\_3MHz\_16QAM\_20415\_1RB#0



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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





Date: 19 APR 2019 19:19:32

### Band5\_5MHz\_QPSK\_20425\_25RB#0



Date: 19 APR 2019 19:29:30

### Band5\_5MHz\_QPSK\_20625\_1RB#24





Band5\_5MHz\_QPSK\_20625\_25RB#0



Band5\_5MHz\_64QAM\_20425\_1RB#0





Date: 19 APR 2019 19:28:11

Band5\_5MHz\_64QAM\_20425\_25RB#0



Date: 19 APR 2019 19:21:09

Band5\_5MHz\_64QAM\_20625\_1RB#24





Band5\_5MHz\_64QAM\_20625\_25RB#0



Band5\_5MHz\_16QAM\_20425\_1RB#0



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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



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Band5\_10MHz\_16QAM\_20600\_50RB#0



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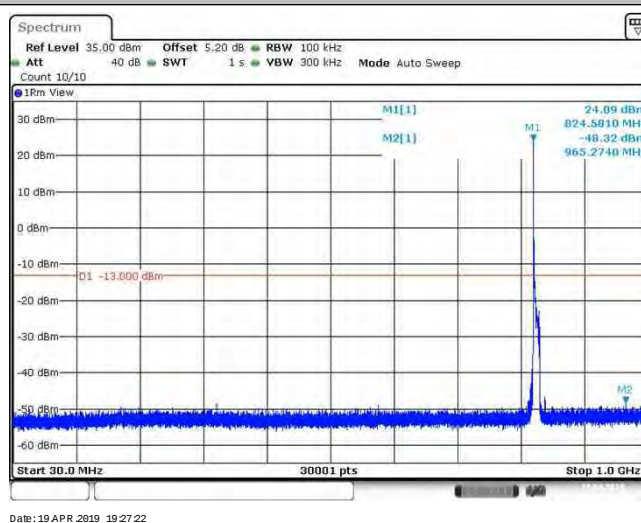
## 6. Spurious Emission at Antenna Terminal

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.

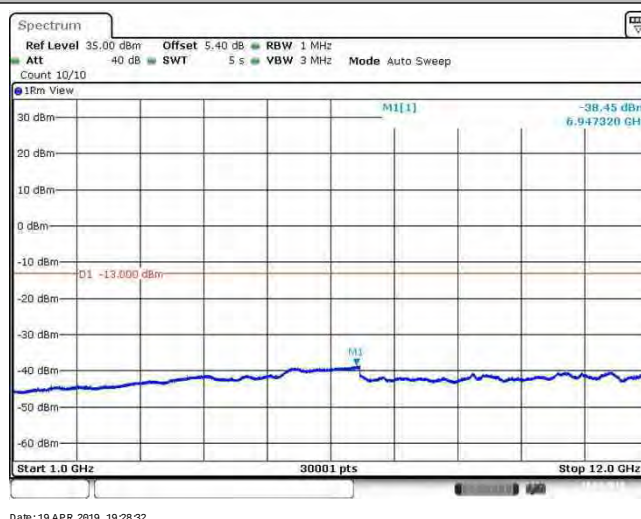
Remark2: only the worst case data displayed in this report.

### 6.1. Test Plots

Band5\_10MHz\_QPSK\_20450\_1RB#0



Band5\_10MHz\_QPSK\_20450\_1RB#0

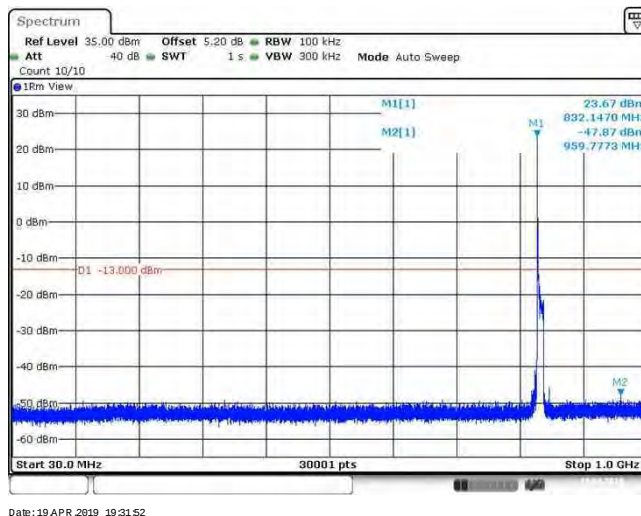


Band5\_10MHz\_QPSK\_20525\_1RB#0

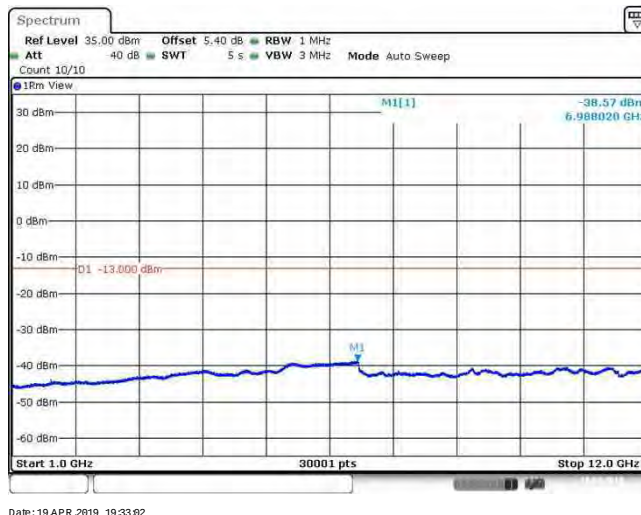


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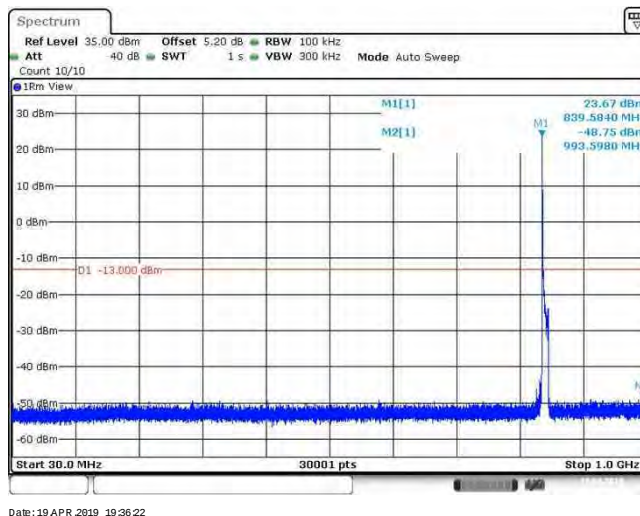


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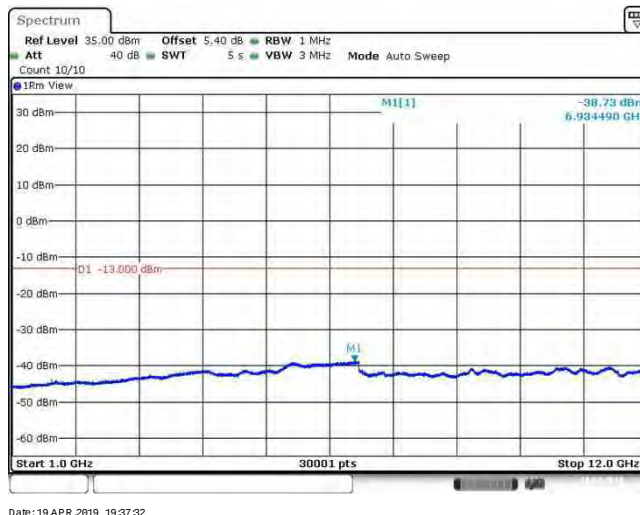


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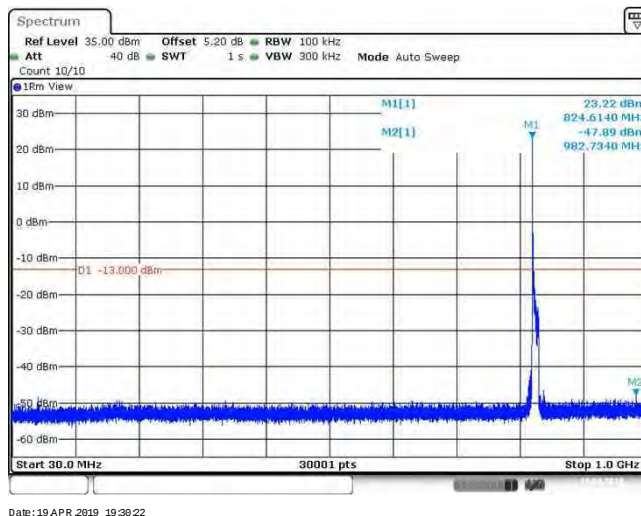


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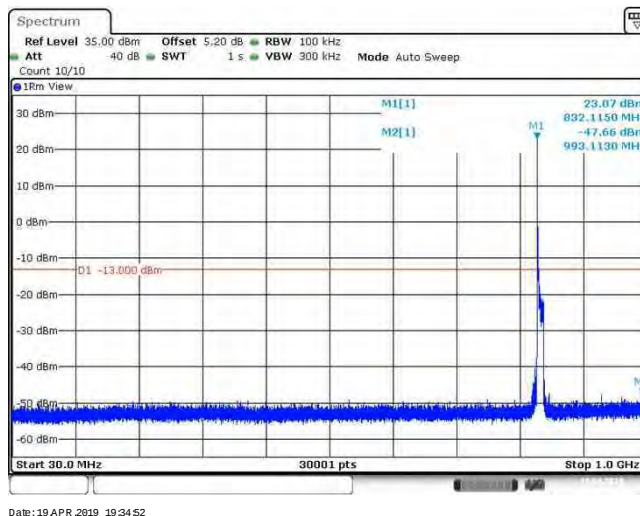


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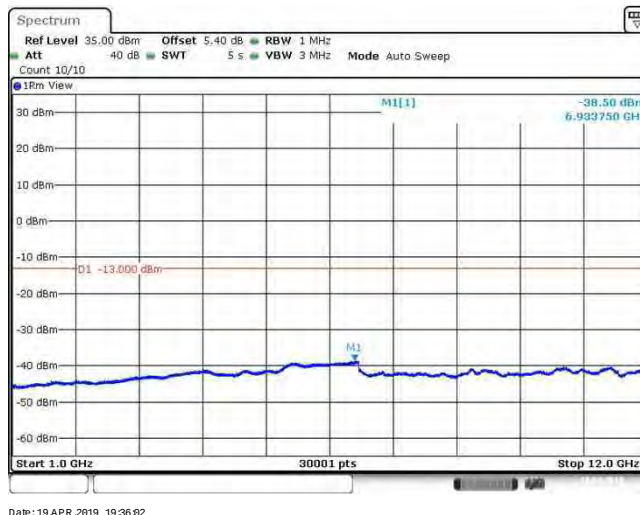


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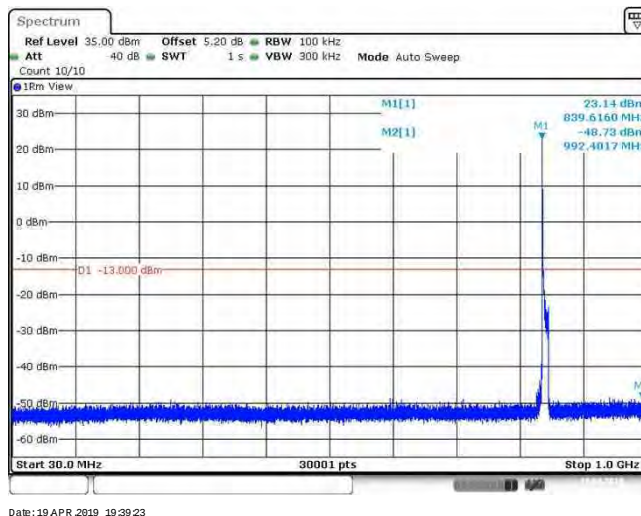


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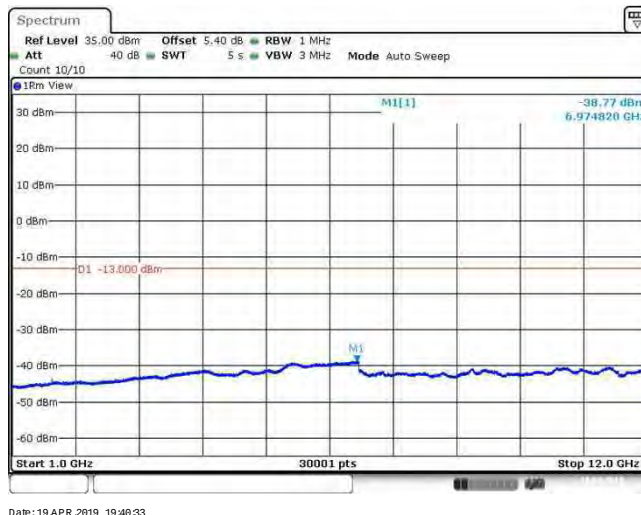


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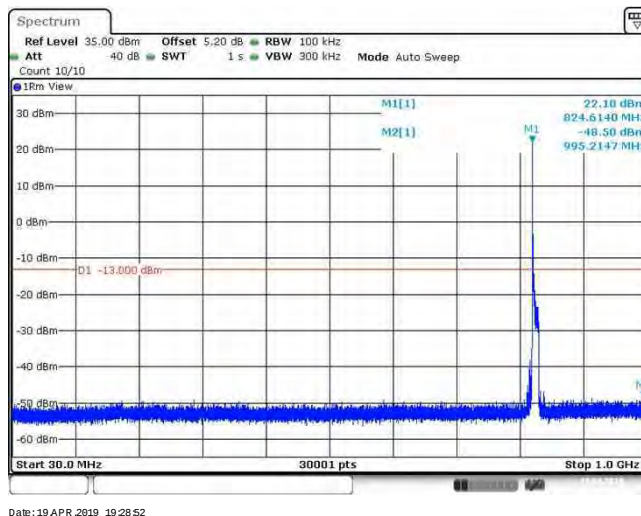


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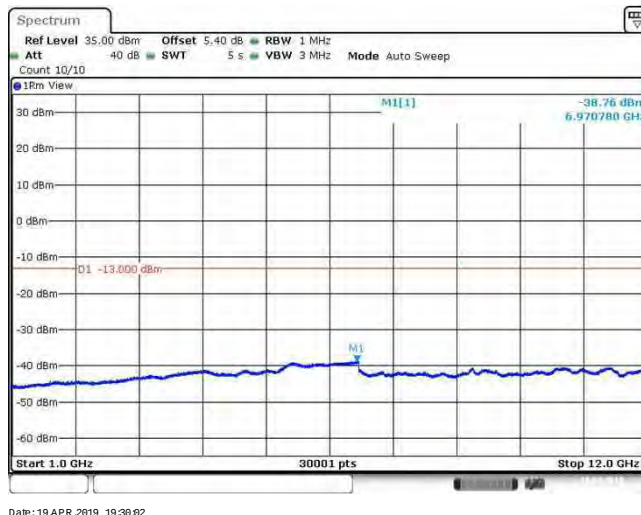


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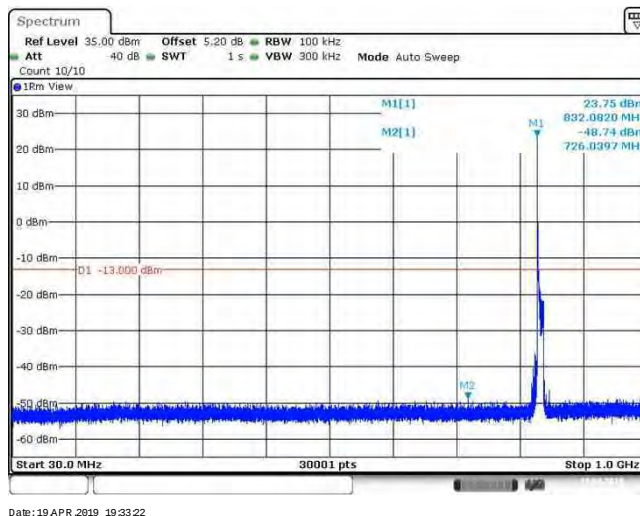


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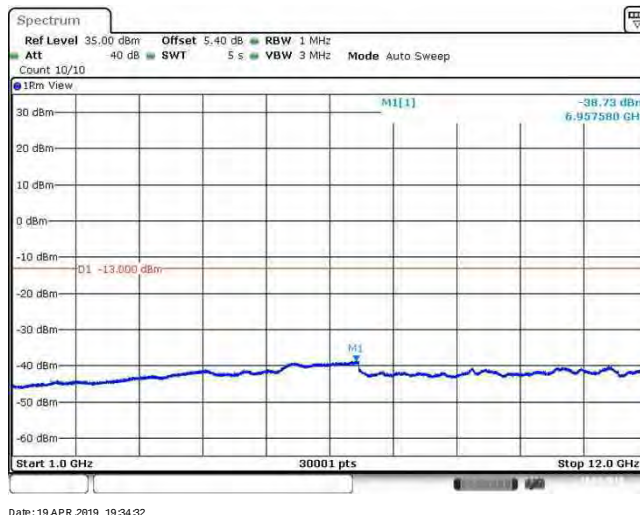
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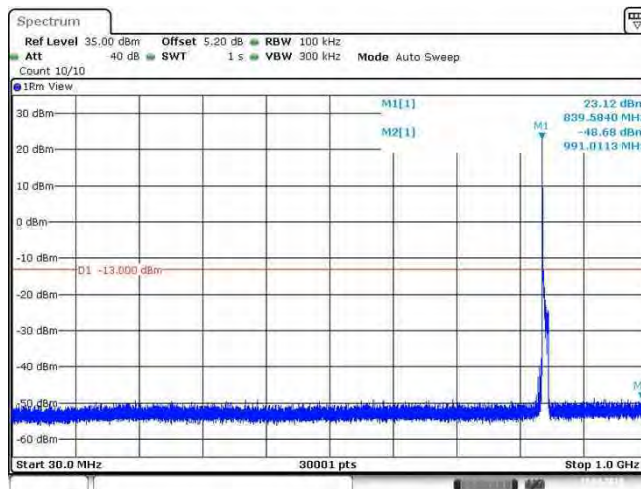
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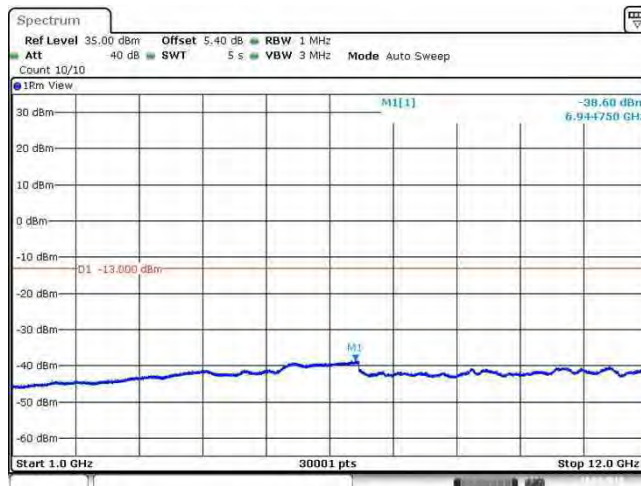
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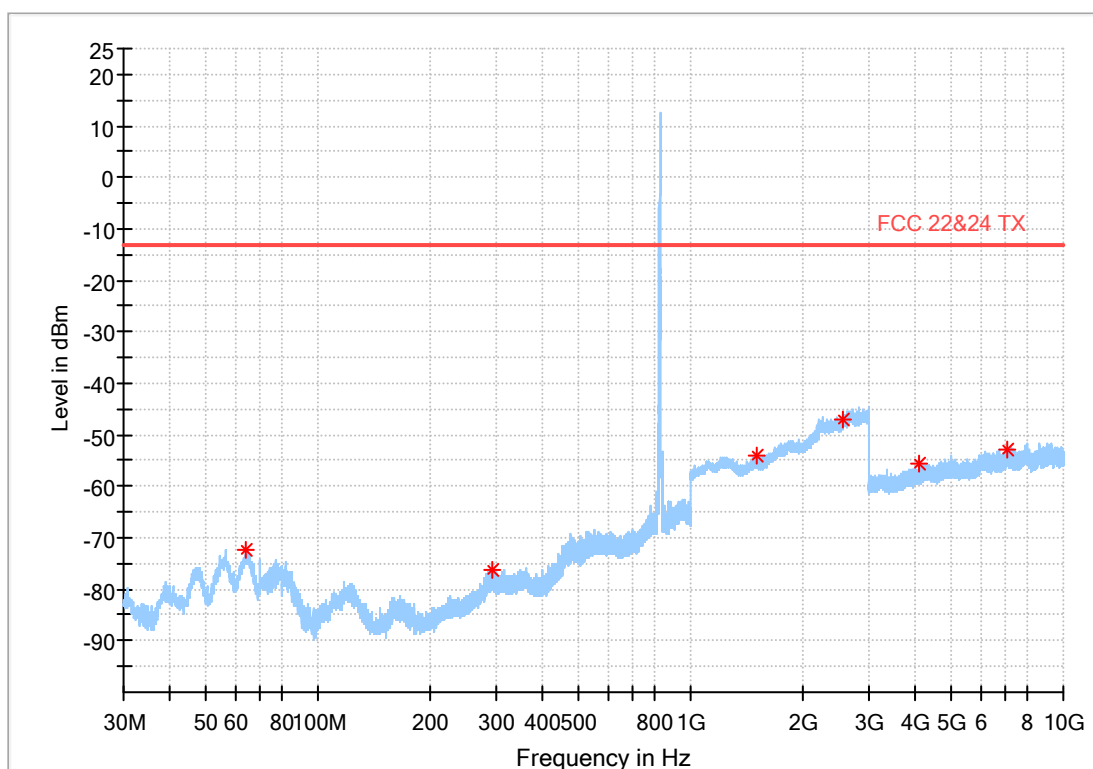
## 7. Field Strength of Spurious Radiation

### 7.1. Test BAND = LTE Band 5

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

##### 7.1.1.1. Test Channel = LCH\_Vertical

Full Spectrum



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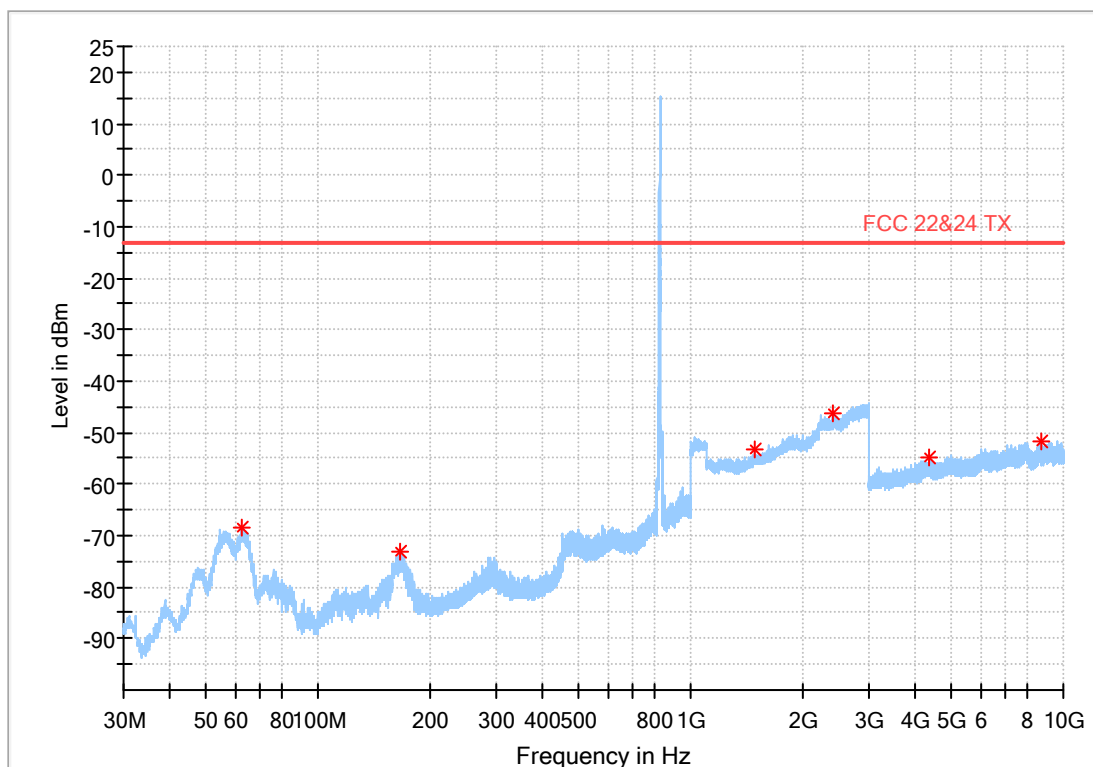
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### 7.1.1.2. Test Channel = LCH\_Horizontal

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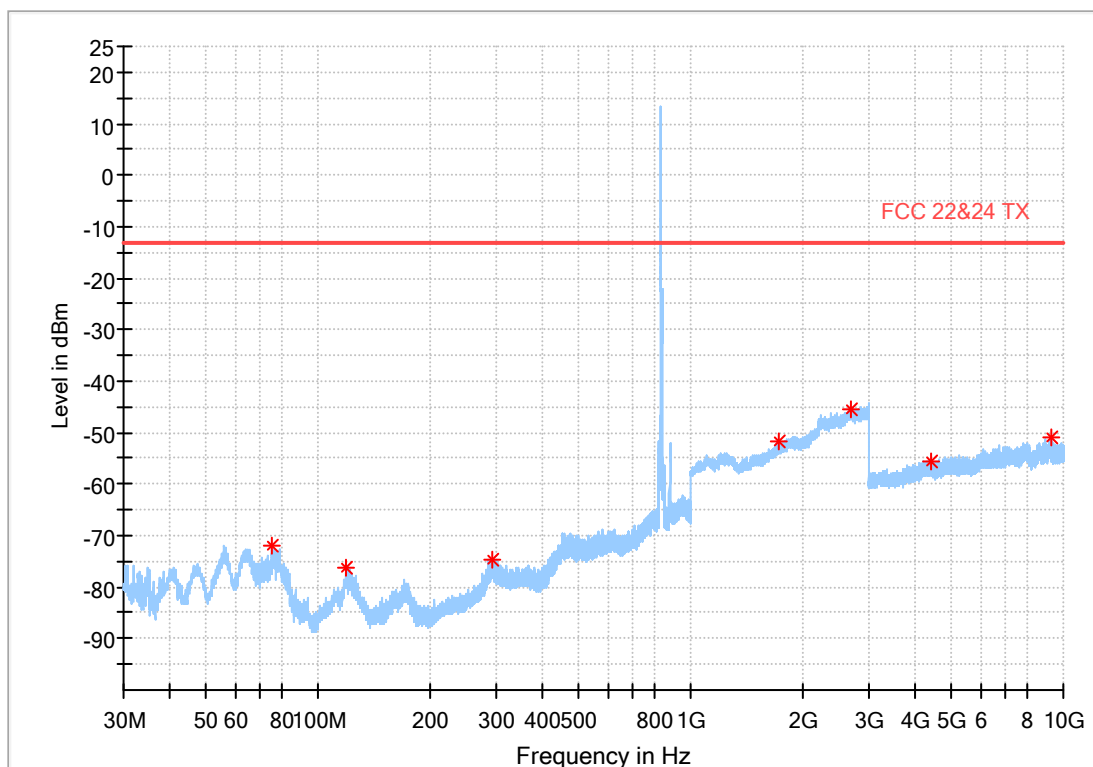
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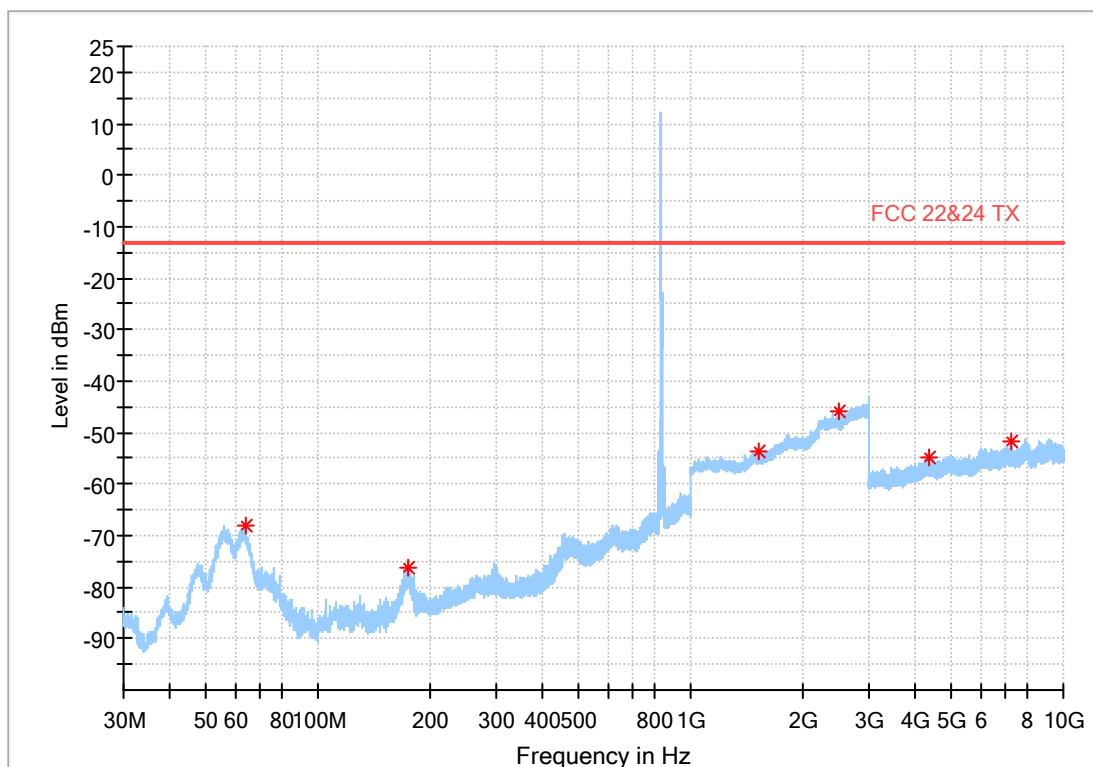
### 7.1.1.3. Test Channel = MCH\_ Vertical

Full Spectrum



#### 7.1.1.4. Test Channel = MCH\_ Horizontal

Full Spectrum



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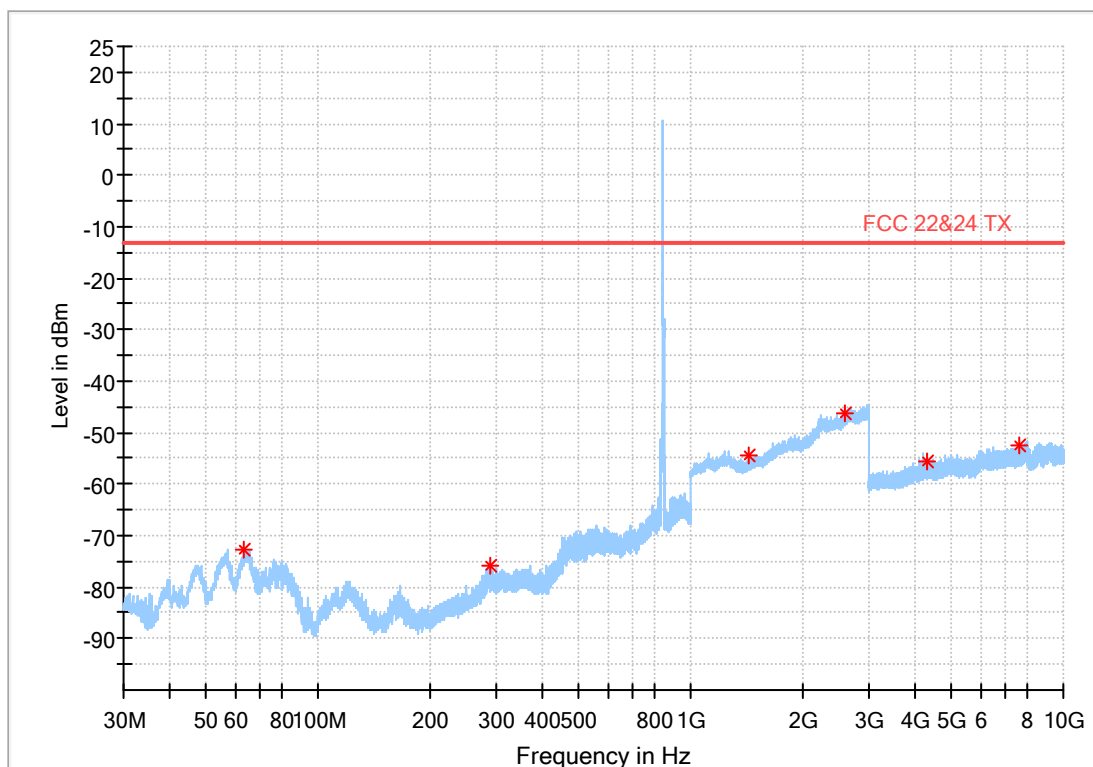
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### 7.1.1.5. Test Channel = HCH\_Vertical

Full Spectrum



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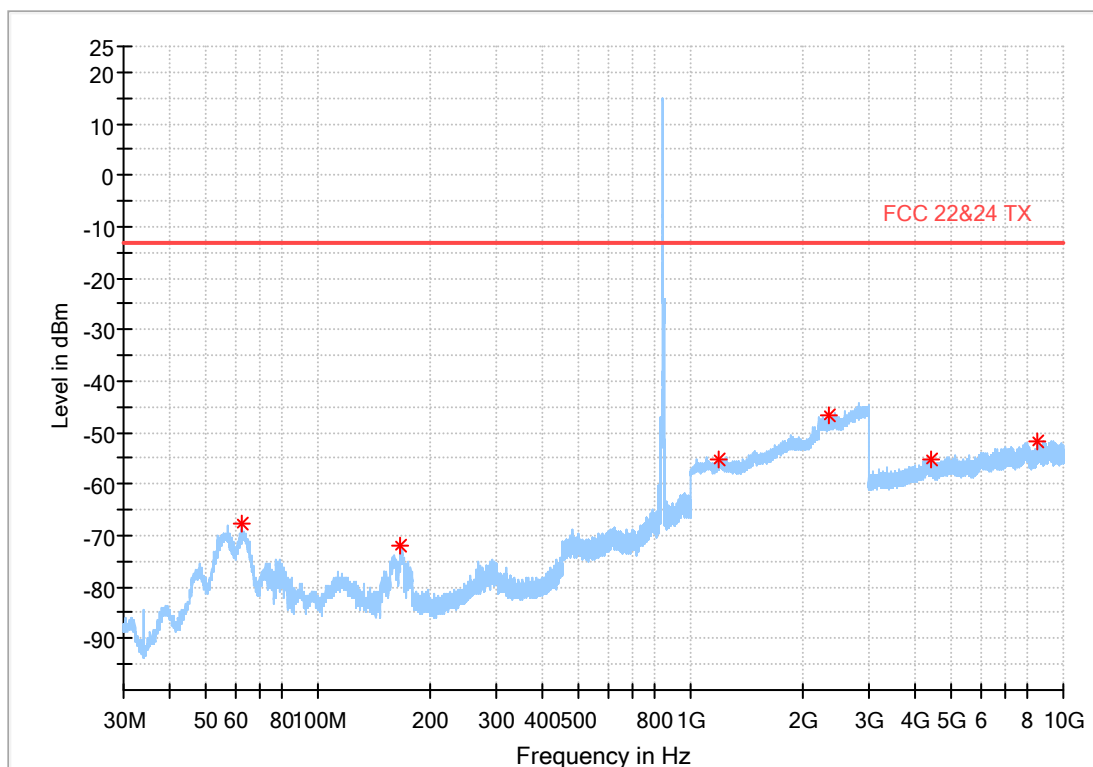
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### 7.1.1.6. Test Channel = HCH\_Horizontal

Full Spectrum



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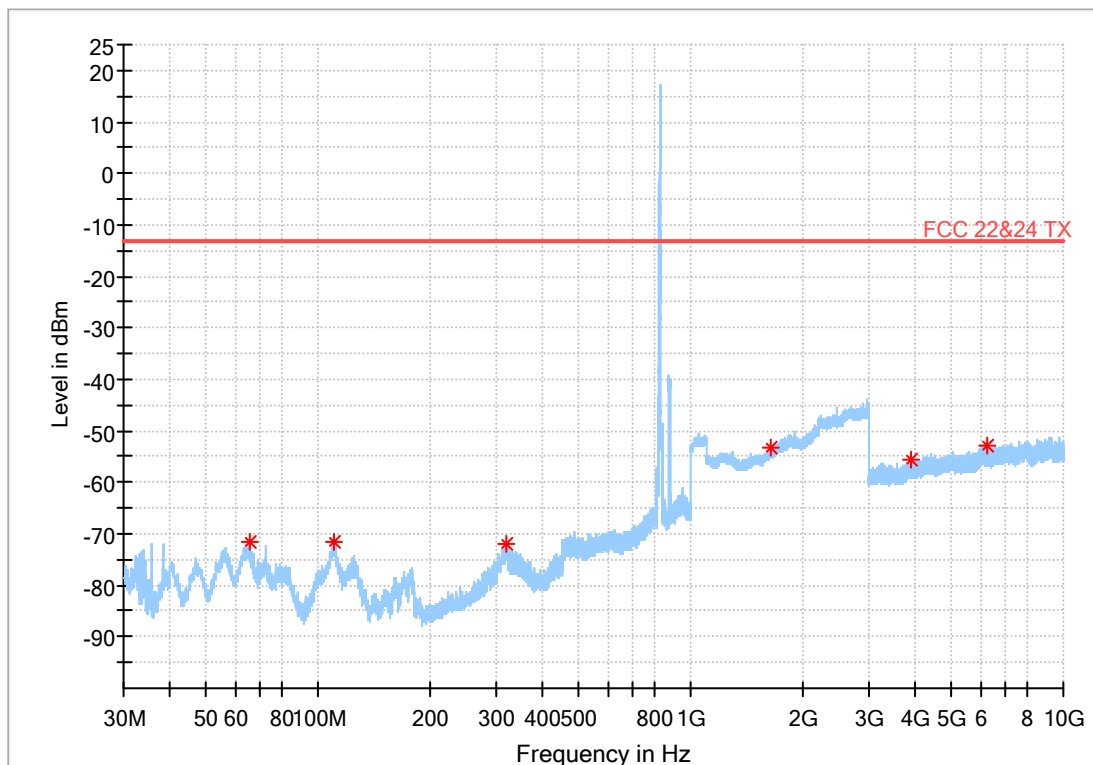
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## 7.1.2. Test Mode = LTE/TM1 (Down Ant)

### 7.1.2.1. Test Channel = LCH\_Vertical

Full Spectrum



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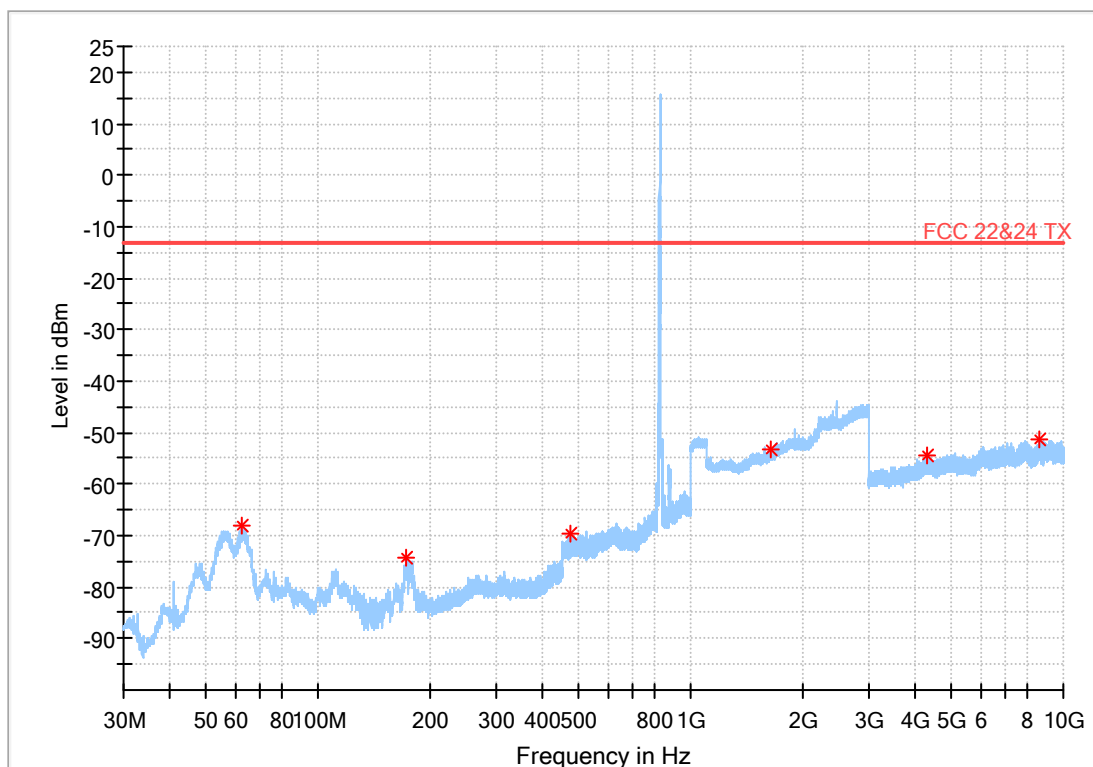
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## 7.1.2.2. Test Channel = LCH\_Horizontal

Full Spectrum



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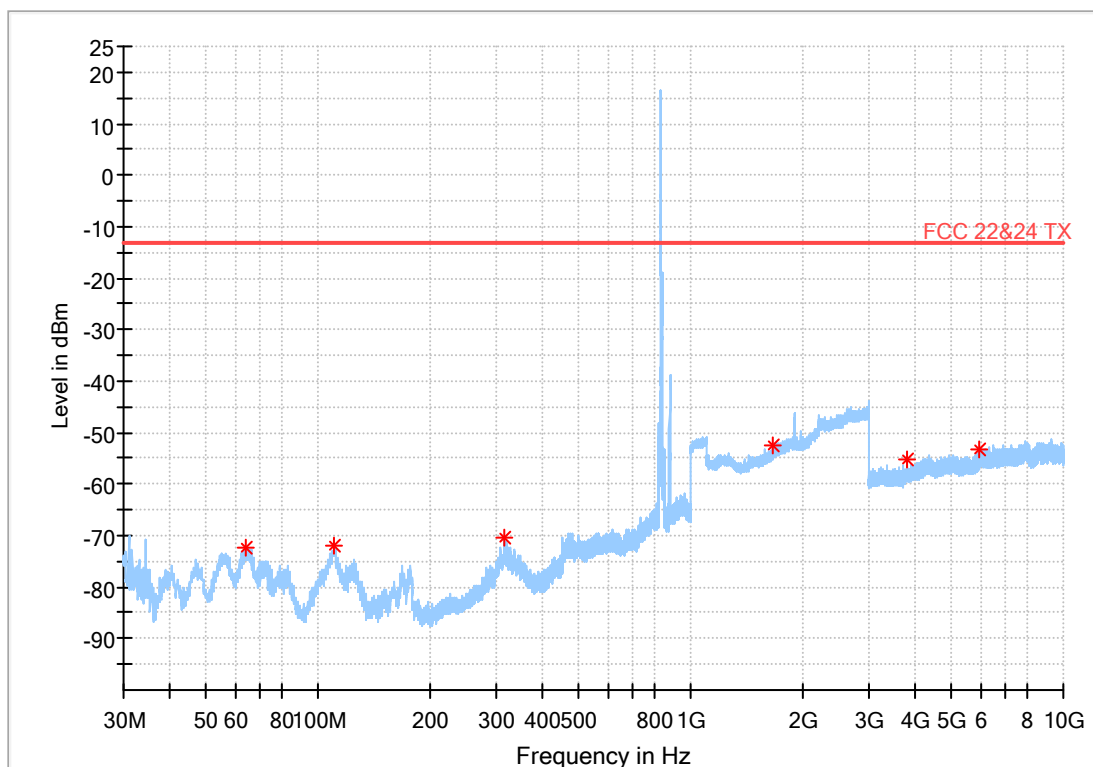
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### 7.1.2.3. Test Channel = MCH\_ Vertical

Full Spectrum



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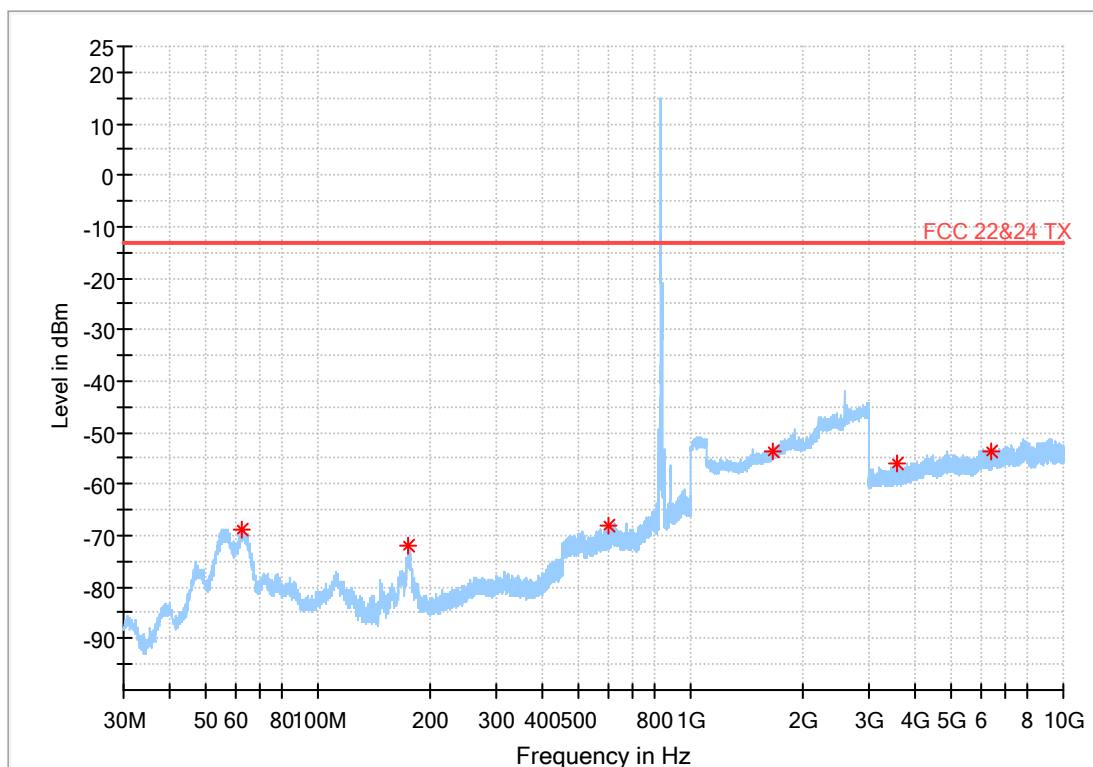
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#### 7.1.2.4. Test Channel = MCH\_ Horizontal

Full Spectrum



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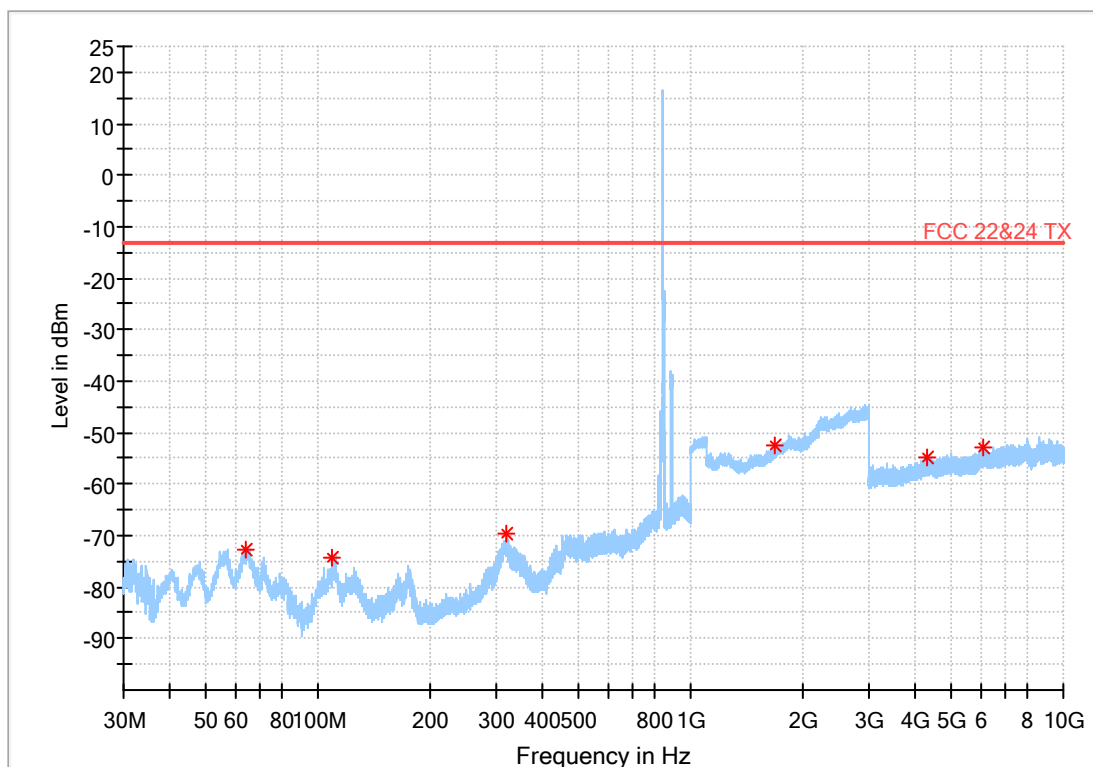
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### 7.1.2.5. Test Channel = HCH\_Vertical

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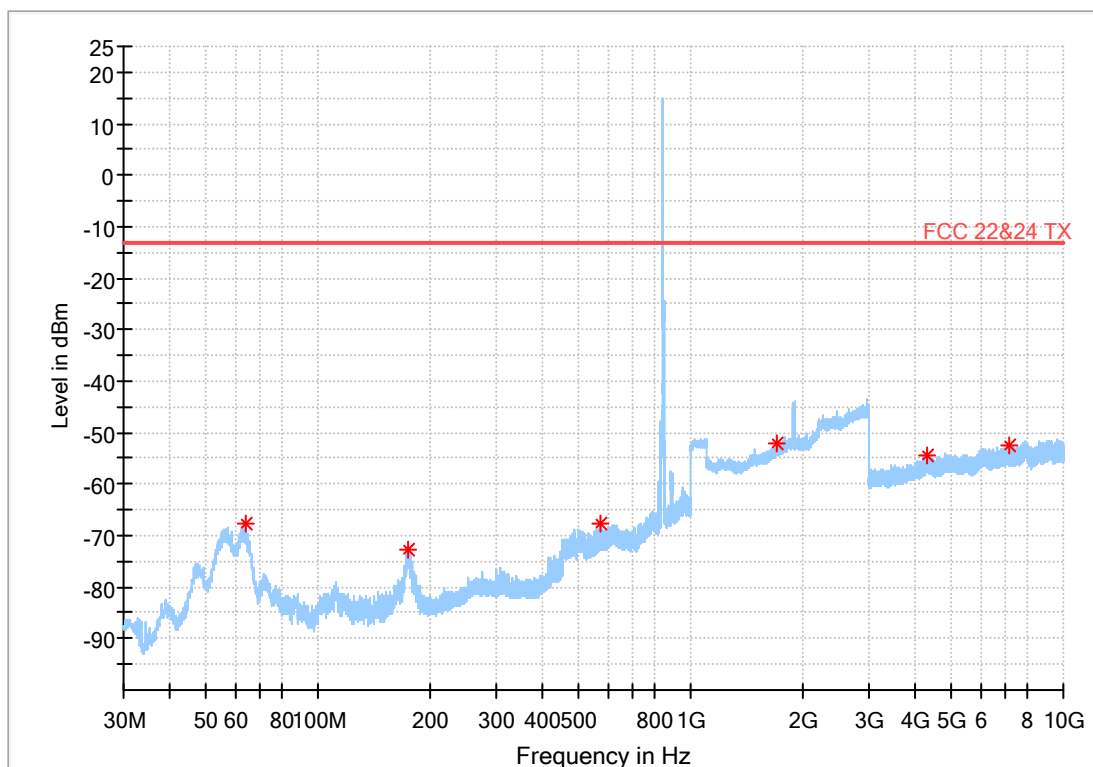
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## 7.1.2.6. Test Channel = HCH\_Horizontal

Full Spectrum



### Remark:

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 had been displayed.

We have tested all modulation and all Bandwidth , but only the worst case data presented in this report.





## 8. Frequency Stability

### 8.1. Frequency Vs Voltage

| 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               | 1.80           | 0.002171        | ±2.5        | PASS    |
| Band5   | 10MHz     | QPSK       | 20450   | 50RB#0       | VN            | NT               | 2.10           | 0.002533        | ±2.5        | PASS    |
| Band5   | 10MHz     | QPSK       | 20450   | 50RB#0       | VH            | NT               | 0.90           | 0.001086        | ±2.5        | PASS    |
| Band5   | 10MHz     | QPSK       | 20525   | 50RB#0       | VL            | NT               | 0.80           | 0.000956        | ±2.5        | PASS    |
| Band5   | 10MHz     | QPSK       | 20525   | 50RB#0       | VN            | NT               | 0.20           | 0.000239        | ±2.5        | PASS    |
| Band5   | 10MHz     | QPSK       | 20525   | 50RB#0       | VH            | NT               | 1.00           | 0.001195        | ±2.5        | PASS    |
| Band5   | 10MHz     | QPSK       | 20600   | 50RB#0       | VL            | NT               | -1.80          | -0.002133       | ±2.5        | PASS    |
| Band5   | 10MHz     | QPSK       | 20600   | 50RB#0       | VN            | NT               | -1.00          | -0.001185       | ±2.5        | PASS    |
| Band5   | 10MHz     | QPSK       | 20600   | 50RB#0       | VH            | NT               | -2.70          | -0.003199       | ±2.5        | PASS    |
| Band5   | 10MHz     | 64QAM      | 20450   | 50RB#0       | VL            | NT               | 2.10           | 0.002533        | ±2.5        | PASS    |
| Band5   | 10MHz     | 64QAM      | 20450   | 50RB#0       | VN            | NT               | 1.50           | 0.001809        | ±2.5        | PASS    |
| Band5   | 10MHz     | 64QAM      | 20450   | 50RB#0       | VH            | NT               | 0.70           | 0.000844        | ±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               | 0.90           | 0.001076        | ±2.5        | PASS    |
| Band5   | 10MHz     | 64QAM      | 20525   | 50RB#0       | VH            | NT               | 0.60           | 0.000717        | ±2.5        | PASS    |
| Band5   | 10MHz     | 64QAM      | 20600   | 50RB#0       | VL            | NT               | -1.50          | -0.001777       | ±2.5        | PASS    |
| Band5   | 10MHz     | 64QAM      | 20600   | 50RB#0       | VN            | NT               | -0.10          | -0.000118       | ±2.5        | PASS    |
| Band5   | 10MHz     | 64QAM      | 20600   | 50RB#0       | VH            | NT               | -1.70          | -0.002014       | ±2.5        | PASS    |
| Band5   | 10MHz     | 16QAM      | 20450   | 50RB#0       | VL            | NT               | 1.70           | 0.002051        | ±2.5        | PASS    |
| Band5   | 10MHz     | 16QAM      | 20450   | 50RB#0       | VN            | NT               | 1.20           | 0.001448        | ±2.5        | PASS    |
| Band5   | 10MHz     | 16QAM      | 20450   | 50RB#0       | VH            | NT               | 1.40           | 0.001689        | ±2.5        | PASS    |
| Band5   | 10MHz     | 16QAM      | 20525   | 50RB#0       | VL            | NT               | 0.70           | 0.000837        | ±2.5        | PASS    |
| Band5   | 10MHz     | 16QAM      | 20525   | 50RB#0       | VN            | NT               | 0.50           | 0.000598        | ±2.5        | PASS    |
| Band5   | 10MHz     | 16QAM      | 20525   | 50RB#0       | VH            | NT               | 0.30           | 0.000359        | ±2.5        | PASS    |
| Band5   | 10MHz     | 16QAM      | 20600   | 50RB#0       | VL            | NT               | -1.80          | -0.002133       | ±2.5        | PASS    |
| Band5   | 10MHz     | 16QAM      | 20600   | 50RB#0       | VN            | NT               | -1.60          | -0.001896       | ±2.5        | PASS    |
| Band5   | 10MHz     | 16QAM      | 20600   | 50RB#0       | VH            | NT               | -0.90          | -0.001066       | ±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 |
| Band5       | 10MHz     | QPSK       | 20450   | 50RB#0       | NV            | -30              | 1.80           | 0.002171        | ±2.5        | PASS    |
| Band5       | 10MHz     | QPSK       | 20450   | 50RB#0       | NV            | -20              | 1.80           | 0.002171        | ±2.5        | PASS    |
| Band5       | 10MHz     | QPSK       | 20450   | 50RB#0       | NV            | 0                | 2.00           | 0.002413        | ±2.5        | PASS    |
| Band5       | 10MHz     | QPSK       | 20450   | 50RB#0       | NV            | 10               | 1.00           | 0.001206        | ±2.5        | PASS    |
| Band5       | 10MHz     | QPSK       | 20450   | 50RB#0       | NV            | 20               | 1.00           | 0.001206        | ±2.5        | PASS    |
| Band5       | 10MHz     | QPSK       | 20450   | 50RB#0       | NV            | 30               | 1.60           | 0.001930        | ±2.5        | PASS    |
| Band5       | 10MHz     | QPSK       | 20450   | 50RB#0       | NV            | 40               | 1.30           | 0.001568        | ±2.5        | PASS    |
| Band5       | 10MHz     | QPSK       | 20450   | 50RB#0       | NV            | 50               | 1.20           | 0.001448        | ±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              | 0.30           | 0.000359        | ±2.5        | PASS    |
| Band5       | 10MHz     | QPSK       | 20525   | 50RB#0       | NV            | 0                | 0.00           | 0.000000        | ±2.5        | PASS    |
| Band5       | 10MHz     | QPSK       | 20525   | 50RB#0       | NV            | 10               | -0.20          | -0.000239       | ±2.5        | PASS    |
| Band5       | 10MHz     | QPSK       | 20525   | 50RB#0       | NV            | 20               | 0.80           | 0.000956        | ±2.5        | PASS    |
| Band5       | 10MHz     | QPSK       | 20525   | 50RB#0       | NV            | 30               | -0.50          | -0.000598       | ±2.5        | PASS    |
| Band5       | 10MHz     | QPSK       | 20525   | 50RB#0       | NV            | 40               | 1.20           | 0.001435        | ±2.5        | PASS    |
| Band5       | 10MHz     | QPSK       | 20525   | 50RB#0       | NV            | 50               | -0.30          | -0.000359       | ±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            | -20              | -0.50          | -0.000592       | ±2.5        | PASS    |
| Band5       | 10MHz     | QPSK       | 20600   | 50RB#0       | NV            | 0                | -0.40          | -0.000474       | ±2.5        | PASS    |
| Band5       | 10MHz     | QPSK       | 20600   | 50RB#0       | NV            | 10               | -0.70          | -0.000829       | ±2.5        | PASS    |
| Band5       | 10MHz     | QPSK       | 20600   | 50RB#0       | NV            | 20               | -0.60          | -0.000711       | ±2.5        | PASS    |
| Band5       | 10MHz     | QPSK       | 20600   | 50RB#0       | NV            | 30               | 0.40           | 0.000474        | ±2.5        | PASS    |
| Band5       | 10MHz     | QPSK       | 20600   | 50RB#0       | NV            | 40               | -1.10          | -0.001303       | ±2.5        | PASS    |
| Band5       | 10MHz     | QPSK       | 20600   | 50RB#0       | NV            | 50               | -0.80          | -0.000948       | ±2.5        | PASS    |
| Band5       | 10MHz     | 64QAM      | 20450   | 50RB#0       | NV            | -30              | 1.30           | 0.001568        | ±2.5        | PASS    |
| Band5       | 10MHz     | 64QAM      | 20450   | 50RB#0       | NV            | -20              | 1.80           | 0.002171        | ±2.5        | PASS    |
| Band5       | 10MHz     | 64QAM      | 20450   | 50RB#0       | NV            | 0                | 1.10           | 0.001327        | ±2.5        | PASS    |
| Band5       | 10MHz     | 64QAM      | 20450   | 50RB#0       | NV            | 10               | 0.90           | 0.001086        | ±2.5        | PASS    |
| Band5       | 10MHz     | 64QAM      | 20450   | 50RB#0       | NV            | 20               | 1.00           | 0.001206        | ±2.5        | PASS    |
| Band5       | 10MHz     | 64QAM      | 20450   | 50RB#0       | NV            | 30               | 1.80           | 0.002171        | ±2.5        | PASS    |
| Band5       | 10MHz     | 64QAM      | 20450   | 50RB#0       | NV            | 40               | 0.60           | 0.000724        | ±2.5        | PASS    |



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|       |       |       |       |        |    |     |       |           |      |      |
|-------|-------|-------|-------|--------|----|-----|-------|-----------|------|------|
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | NV | 50  | 1.70  | 0.002051  | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | -30 | 0.40  | 0.000478  | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | -20 | 0.90  | 0.001076  | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | 0   | 1.20  | 0.001435  | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | 10  | -0.70 | -0.000837 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | 20  | 0.60  | 0.000717  | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | 30  | -0.40 | -0.000478 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | 40  | 0.10  | 0.000120  | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | 50  | -0.20 | -0.000239 | ±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 | -0.90 | -0.001066 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | 0   | -1.20 | -0.001422 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | 10  | -1.50 | -0.001777 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | 20  | -1.70 | -0.002014 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | 30  | -2.20 | -0.002607 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | 40  | -1.20 | -0.001422 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | 50  | -1.10 | -0.001303 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | -30 | 1.40  | 0.001689  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | -20 | 1.30  | 0.001568  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 0   | 2.00  | 0.002413  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 10  | 2.00  | 0.002413  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 20  | 1.70  | 0.002051  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 30  | 0.90  | 0.001086  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 40  | 1.00  | 0.001206  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 50  | 1.30  | 0.001568  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | -30 | 0.10  | 0.000120  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | -20 | 0.20  | 0.000239  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 0   | 0.20  | 0.000239  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 10  | -0.40 | -0.000478 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 20  | 0.90  | 0.001076  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 30  | 0.00  | 0.000000  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 40  | 0.20  | 0.000239  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 50  | 0.50  | 0.000598  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | -30 | -0.90 | -0.001066 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | -20 | -1.80 | -0.002133 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 0   | -0.70 | -0.000829 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 10  | -1.80 | -0.002133 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 20  | -1.10 | -0.001303 | ±2.5 | PASS |



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|       |       |       |       |        |    |    |       |           |      |      |
|-------|-------|-------|-------|--------|----|----|-------|-----------|------|------|
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 30 | -1.40 | -0.001659 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 40 | -1.10 | -0.001303 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 50 | -1.10 | -0.001303 | ±2.5 | PASS |

The End

