



# Appendix B

## E-UTRA Band CA\_4A-7A



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# 1 Effective (Isotropic) Radiated Power Output Data

## PCC(ANT2):

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Conducted Power(dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|-------|-----------|------------|---------|------------------|----------------------|------------|-------------|---------|
| Band4 | 5MHz      | QPSK       | 19975   | 1RB#0            | 23.16                | 21.46      | 33.00       | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 1RB#38           | 22.77                | 21.07      | 33.00       | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 1RB#74           | 22.88                | 21.18      | 33.00       | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 36RB#0           | 21.69                | 19.99      | 33.00       | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 36RB#18          | 21.79                | 20.09      | 33.00       | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 36RB#39          | 21.69                | 19.99      | 33.00       | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 75RB#0           | 21.66                | 19.96      | 33.00       | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 1RB#74           | 23.23                | 21.53      | 33.00       | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 1RB#38           | 22.81                | 21.11      | 33.00       | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 1RB#0            | 22.87                | 21.17      | 33.00       | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 36RB#18          | 21.96                | 20.26      | 33.00       | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 36RB#39          | 21.58                | 19.88      | 33.00       | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 36RB#0           | 21.81                | 20.11      | 33.00       | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 75RB#0           | 21.87                | 20.17      | 33.00       | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 1RB#74           | 23.12                | 21.42      | 33.00       | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 1RB#38           | 22.67                | 20.97      | 33.00       | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 1RB#0            | 23.06                | 21.36      | 33.00       | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 36RB#39          | 22.02                | 20.32      | 33.00       | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 36RB#0           | 21.68                | 19.98      | 33.00       | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 36RB#18          | 21.90                | 20.2       | 33.00       | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 75RB#0           | 21.99                | 20.29      | 33.00       | PASS    |
| Band4 | 5MHz      | 16QAM      | 18675   | 1RB#0            | 22.7                 | 21         | 33.00       | PASS    |
| Band4 | 5MHz      | 16QAM      | 18675   | 1RB#74           | 22.96                | 21.26      | 33.00       | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 1RB#38           | 22.8                 | 21.1       | 33.00       | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 36RB#39          | 21.81                | 20.11      | 33.00       | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 36RB#18          | 21.77                | 20.07      | 33.00       | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 36RB#0           | 21.75                | 20.05      | 33.00       | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 75RB#0           | 21.81                | 20.11      | 33.00       | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 1RB#0            | 22.99                | 21.29      | 33.00       | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 1RB#74           | 22.94                | 21.24      | 33.00       | PASS    |



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|       |      |       |       |         |       |       |       |      |
|-------|------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 5MHz | 16QAM | 20175 | 1RB#38  | 22.9  | 21.2  | 33.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 36RB#0  | 21.85 | 20.15 | 33.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 36RB#39 | 21.87 | 20.17 | 33.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 36RB#18 | 21.78 | 20.08 | 33.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 75RB#0  | 21.86 | 20.16 | 33.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#38  | 22.78 | 21.08 | 33.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#0   | 22.68 | 20.98 | 33.00 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#74  | 22.78 | 21.08 | 33.00 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 36RB#18 | 21.69 | 19.99 | 33.00 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 36RB#39 | 21.71 | 20.01 | 33.00 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 36RB#0  | 21.69 | 19.99 | 33.00 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 75RB#0  | 21.72 | 20.02 | 33.00 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 1RB#74  | 22.58 | 20.88 | 33.00 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 1RB#38  | 22.13 | 20.43 | 33.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 1RB#0   | 22.52 | 20.82 | 33.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 36RB#39 | 21.3  | 19.6  | 33.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 36RB#18 | 21.09 | 19.39 | 33.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 36RB#0  | 21.38 | 19.68 | 33.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 75RB#0  | 21.35 | 19.65 | 33.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 1RB#38  | 22.74 | 21.04 | 33.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 1RB#74  | 22.57 | 20.87 | 33.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 1RB#0   | 22.61 | 20.91 | 33.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 36RB#18 | 21.48 | 19.78 | 33.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 36RB#39 | 21.47 | 19.77 | 33.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 36RB#0  | 21.44 | 19.74 | 33.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 75RB#0  | 21.49 | 19.79 | 33.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 1RB#74  | 22.48 | 20.78 | 33.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 1RB#0   | 22.61 | 20.91 | 33.00 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 1RB#38  | 22.63 | 20.93 | 33.00 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 36RB#0  | 21.46 | 19.76 | 33.00 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 36RB#39 | 21.45 | 19.75 | 33.00 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 36RB#18 | 21.42 | 19.72 | 33.00 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 75RB#0  | 21.46 | 19.76 | 33.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0   | 22.80 | 21.1  | 33.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#99  | 22.44 | 20.74 | 33.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#49  | 23.02 | 21.32 | 33.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#50 | 21.92 | 20.22 | 33.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#0  | 21.73 | 20.03 | 33.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#25 | 21.63 | 19.93 | 33.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | 21.77 | 20.07 | 33.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#0   | 22.70 | 21    | 33.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#49  | 22.41 | 20.71 | 33.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#99  | 22.79 | 21.09 | 33.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#0  | 21.70 | 20    | 33.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#25 | 21.57 | 19.87 | 33.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#50 | 21.51 | 19.81 | 33.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | 21.58 | 19.88 | 33.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#99  | 22.82 | 21.12 | 33.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0   | 22.25 | 20.55 | 33.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#49  | 22.72 | 21.02 | 33.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#50 | 21.69 | 19.99 | 33.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#25 | 21.36 | 19.66 | 33.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#0  | 21.49 | 19.79 | 33.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 21.22 | 19.52 | 33.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#99  | 22.69 | 20.99 | 33.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#49  | 22.93 | 21.23 | 33.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0   | 22.73 | 21.03 | 33.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#50 | 21.74 | 20.04 | 33.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#25 | 21.78 | 20.08 | 33.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#0  | 21.77 | 20.07 | 33.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 21.74 | 20.04 | 33.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#99  | 22.9  | 21.2  | 33.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0   | 22.88 | 21.18 | 33.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#49  | 23.05 | 21.35 | 33.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#50 | 21.78 | 20.08 | 33.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#25 | 21.87 | 20.17 | 33.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 20MHz | 16QAM | 20175 | 50RB#0  | 21.9  | 20.2  | 33.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 21.83 | 20.13 | 33.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0   | 22.71 | 21.01 | 33.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#49  | 22.84 | 21.14 | 33.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#99  | 22.7  | 21    | 33.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#25 | 21.67 | 19.97 | 33.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#50 | 21.72 | 20.02 | 33.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#0  | 21.75 | 20.05 | 33.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 21.78 | 20.08 | 33.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 1RB#0   | 21.97 | 20.27 | 33.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 1RB#49  | 22.37 | 20.67 | 33.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 1RB#99  | 22.39 | 20.69 | 33.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 50RB#0  | 21.06 | 19.36 | 33.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 50RB#25 | 20.87 | 19.17 | 33.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 50RB#50 | 21    | 19.3  | 33.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | 20.93 | 19.23 | 33.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 1RB#0   | 22.63 | 20.93 | 33.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 1RB#49  | 22.83 | 21.13 | 33.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 1RB#99  | 22.67 | 20.97 | 33.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 50RB#25 | 21.55 | 19.85 | 33.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 50RB#0  | 21.49 | 19.79 | 33.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 50RB#50 | 21.49 | 19.79 | 33.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | 21.44 | 19.74 | 33.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 1RB#99  | 22.56 | 20.86 | 33.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 1RB#49  | 22.65 | 20.95 | 33.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 1RB#0   | 22.53 | 20.83 | 33.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 50RB#50 | 21.48 | 19.78 | 33.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 50RB#25 | 21.51 | 19.81 | 33.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 50RB#0  | 21.51 | 19.81 | 33.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | 21.48 | 19.78 | 33.00 | PASS |





**SCC1(ANT2):**

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Conducted Power(dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|-------|-----------|------------|---------|------------------|----------------------|------------|-------------|---------|
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#0            | 23.1                 | 20.9       | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#24           | 23.1                 | 20.9       | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#49           | 23.16                | 20.96      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 25RB#0           | 22.24                | 20.04      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 25RB#12          | 22.26                | 20.06      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 25RB#25          | 22.15                | 19.95      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 50RB#0           | 22.25                | 20.05      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#0            | 23.09                | 20.89      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#24           | 23.04                | 20.84      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#49           | 23.11                | 20.91      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 25RB#12          | 22.18                | 19.98      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 25RB#25          | 22.19                | 19.99      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 25RB#0           | 22.22                | 20.02      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 50RB#0           | 22.17                | 19.97      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#0            | 22.98                | 20.78      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#24           | 22.98                | 20.78      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#49           | 23                   | 20.8       | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 25RB#0           | 22.08                | 19.88      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 25RB#12          | 22.14                | 19.94      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 25RB#25          | 22.15                | 19.95      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 50RB#0           | 22.05                | 19.85      | 33.00       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#0            | 22.73                | 20.53      | 33.00       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#49           | 22.69                | 20.49      | 33.00       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#24           | 22.72                | 20.52      | 33.00       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 25RB#12          | 21.62                | 19.42      | 33.00       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 25RB#0           | 21.67                | 19.47      | 33.00       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 25RB#25          | 21.69                | 19.49      | 33.00       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 50RB#0           | 21.67                | 19.47      | 33.00       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#0            | 22.81                | 20.61      | 33.00       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#49           | 22.73                | 20.53      | 33.00       | PASS    |



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|       |      |       |       |         |       |       |       |      |
|-------|------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 5MHz | 16QAM | 21100 | 1RB#24  | 22.65 | 20.45 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0  | 21.66 | 19.46 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#12 | 21.69 | 19.49 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#25 | 21.69 | 19.49 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 50RB#0  | 21.64 | 19.44 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#49  | 22.7  | 20.5  | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#24  | 22.66 | 20.46 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#0   | 22.65 | 20.45 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#25 | 21.61 | 19.41 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#0  | 21.56 | 19.36 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#12 | 21.56 | 19.36 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 50RB#0  | 21.56 | 19.36 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 1RB#49  | 22.39 | 20.19 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 1RB#0   | 22.47 | 20.27 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 1RB#24  | 22.28 | 20.08 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 25RB#25 | 21.2  | 19    | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 25RB#0  | 21.27 | 19.07 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 25RB#12 | 21.3  | 19.1  | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 50RB#0  | 21.23 | 19.03 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 1RB#0   | 22.43 | 20.23 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 1RB#24  | 22.48 | 20.28 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 1RB#49  | 22.5  | 20.3  | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 25RB#0  | 21.29 | 19.09 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 25RB#12 | 21.26 | 19.06 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 25RB#25 | 21.27 | 19.07 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 50RB#0  | 21.13 | 18.93 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 1RB#24  | 22.42 | 20.22 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 1RB#49  | 22.36 | 20.16 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 1RB#0   | 22.46 | 20.26 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 25RB#0  | 21.15 | 18.95 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 25RB#12 | 21.2  | 19    | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 25RB#25 | 21.18 | 18.98 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 50RB#0  | 21.18 | 18.98 | 33.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 20MHz | QPSK  | 20850 | 1RB#49  | 23.18 | 20.98 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#99  | 23.32 | 21.12 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#0   | 23.23 | 21.03 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 50RB#0  | 22.33 | 20.13 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 50RB#25 | 22.38 | 20.18 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 50RB#50 | 22.4  | 20.2  | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | 22.37 | 20.17 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#99  | 23.24 | 21.04 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#49  | 23.18 | 20.98 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#0   | 23.19 | 20.99 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 50RB#25 | 22.33 | 20.13 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 50RB#0  | 22.3  | 20.1  | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 50RB#50 | 22.36 | 20.16 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | 22.31 | 20.11 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#49  | 23.11 | 20.91 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#0   | 22.99 | 20.79 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#99  | 23.18 | 20.98 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 50RB#25 | 22.23 | 20.03 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 50RB#50 | 22.28 | 20.08 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 50RB#0  | 22.22 | 20.02 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | 22.26 | 20.06 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0   | 22.74 | 20.54 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#49  | 22.72 | 20.52 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#99  | 22.86 | 20.66 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#0  | 21.72 | 19.52 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#25 | 21.79 | 19.59 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#50 | 21.82 | 19.62 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | 21.72 | 19.52 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#99  | 22.8  | 20.6  | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0   | 22.78 | 20.58 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#49  | 22.75 | 20.55 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#25 | 21.79 | 19.59 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#50 | 21.78 | 19.58 | 33.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 20MHz | 16QAM | 21100 | 50RB#0  | 21.71 | 19.51 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | 21.77 | 19.57 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#49  | 22.72 | 20.52 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#99  | 22.76 | 20.56 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0   | 22.65 | 20.45 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#50 | 21.75 | 19.55 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#0  | 21.62 | 19.42 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#25 | 21.65 | 19.45 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | 21.63 | 19.43 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 1RB#99  | 22.52 | 20.32 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 1RB#0   | 22.54 | 20.34 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 1RB#49  | 22.42 | 20.22 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 50RB#0  | 21.34 | 19.14 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 50RB#25 | 21.36 | 19.16 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 50RB#50 | 21.37 | 19.17 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | 21.34 | 19.14 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 1RB#99  | 22.39 | 20.19 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 1RB#49  | 22.54 | 20.34 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 1RB#0   | 22.46 | 20.26 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 50RB#25 | 21.34 | 19.14 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 50RB#0  | 21.3  | 19.1  | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 50RB#50 | 21.44 | 19.24 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | 21.34 | 19.14 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 1RB#99  | 22.53 | 20.33 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 1RB#49  | 22.44 | 20.24 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 1RB#0   | 22.28 | 20.08 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 50RB#50 | 21.33 | 19.13 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 50RB#25 | 21.28 | 19.08 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 50RB#0  | 21.21 | 19.01 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | 21.26 | 19.06 | 33.00 | PASS |



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**PCC(ANT5):**

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Conducted Power(dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|-------|-----------|------------|---------|------------------|----------------------|------------|-------------|---------|
| Band4 | 5MHz      | QPSK       | 19975   | 1RB#0            | 22.34                | 20.74      | 33.00       | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 1RB#38           | 22.36                | 20.76      | 33.00       | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 1RB#74           | 22.43                | 20.83      | 33.00       | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 36RB#0           | 21.3                 | 19.7       | 33.00       | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 36RB#18          | 21.35                | 19.75      | 33.00       | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 36RB#39          | 21.33                | 19.73      | 33.00       | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 75RB#0           | 21.29                | 19.69      | 33.00       | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 1RB#74           | 22.42                | 20.82      | 33.00       | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 1RB#38           | 22.41                | 20.81      | 33.00       | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 1RB#0            | 22.48                | 20.88      | 33.00       | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 36RB#18          | 21.34                | 19.74      | 33.00       | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 36RB#39          | 21.36                | 19.76      | 33.00       | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 36RB#0           | 21.32                | 19.72      | 33.00       | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 75RB#0           | 21.25                | 19.65      | 33.00       | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 1RB#74           | 22.35                | 20.75      | 33.00       | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 1RB#38           | 22.39                | 20.79      | 33.00       | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 1RB#0            | 22.55                | 20.95      | 33.00       | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 36RB#39          | 21.25                | 19.65      | 33.00       | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 36RB#0           | 21.3                 | 19.7       | 33.00       | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 36RB#18          | 21.3                 | 19.7       | 33.00       | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 75RB#0           | 21.24                | 19.64      | 33.00       | PASS    |
| Band4 | 5MHz      | 64QAM      | 18675   | 1RB#0            | 20.70                | 19.1       | 33.00       | PASS    |
| Band4 | 5MHz      | 64QAM      | 18675   | 1RB#74           | 20.74                | 19.14      | 33.00       | PASS    |
| Band4 | 5MHz      | 64QAM      | 19975   | 1RB#38           | 20.75                | 19.15      | 33.00       | PASS    |
| Band4 | 5MHz      | 64QAM      | 19975   | 36RB#39          | 19.68                | 18.08      | 33.00       | PASS    |
| Band4 | 5MHz      | 64QAM      | 19975   | 36RB#18          | 19.56                | 17.96      | 33.00       | PASS    |
| Band4 | 5MHz      | 64QAM      | 19975   | 36RB#0           | 19.30                | 17.7       | 33.00       | PASS    |
| Band4 | 5MHz      | 64QAM      | 19975   | 75RB#0           | 19.48                | 17.88      | 33.00       | PASS    |
| Band4 | 5MHz      | 64QAM      | 19975   | 1RB#0            | 20.83                | 19.23      | 33.00       | PASS    |
| Band4 | 5MHz      | 64QAM      | 19975   | 1RB#74           | 20.58                | 18.98      | 33.00       | PASS    |



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|       |      |       |       |         |       |       |       |      |
|-------|------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 5MHz | 64QAM | 20175 | 1RB#38  | 20.50 | 18.9  | 33.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 36RB#0  | 19.57 | 17.97 | 33.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 36RB#39 | 19.72 | 18.12 | 33.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 36RB#18 | 19.51 | 17.91 | 33.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 75RB#0  | 19.23 | 17.63 | 33.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 1RB#38  | 20.33 | 18.73 | 33.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 1RB#0   | 20.40 | 18.8  | 33.00 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 1RB#74  | 20.60 | 19    | 33.00 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 36RB#18 | 19.88 | 18.28 | 33.00 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 36RB#39 | 19.23 | 17.63 | 33.00 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 36RB#0  | 19.16 | 17.56 | 33.00 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 75RB#0  | 19.36 | 17.76 | 33.00 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#74  | 22.00 | 20.4  | 33.00 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#38  | 21.59 | 19.99 | 33.00 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#0   | 21.76 | 20.16 | 33.00 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 36RB#39 | 20.92 | 19.32 | 33.00 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 36RB#18 | 20.70 | 19.1  | 33.00 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 36RB#0  | 20.93 | 19.33 | 33.00 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 75RB#0  | 20.67 | 19.07 | 33.00 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#38  | 22.07 | 20.47 | 33.00 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#74  | 21.36 | 19.76 | 33.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#0   | 21.90 | 20.3  | 33.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 36RB#18 | 20.99 | 19.39 | 33.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 36RB#39 | 20.47 | 18.87 | 33.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 36RB#0  | 20.58 | 18.98 | 33.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 75RB#0  | 20.74 | 19.14 | 33.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#74  | 22.03 | 20.43 | 33.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#0   | 21.31 | 19.71 | 33.00 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#38  | 21.89 | 20.29 | 33.00 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 36RB#0  | 20.78 | 19.18 | 33.00 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 36RB#39 | 20.44 | 18.84 | 33.00 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 36RB#18 | 20.49 | 18.89 | 33.00 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 75RB#0  | 20.74 | 19.14 | 33.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0   | 22.80 | 21.2  | 33.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#99  | 22.44 | 20.84 | 33.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#49  | 23.02 | 21.42 | 33.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#50 | 21.92 | 20.32 | 33.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#0  | 21.73 | 20.13 | 33.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#25 | 21.63 | 20.03 | 33.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | 21.77 | 20.17 | 33.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#0   | 22.70 | 21.1  | 33.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#49  | 22.41 | 20.81 | 33.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#99  | 22.79 | 21.19 | 33.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#0  | 21.70 | 20.1  | 33.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#25 | 21.57 | 19.97 | 33.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#50 | 21.51 | 19.91 | 33.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | 21.58 | 19.98 | 33.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#99  | 22.82 | 21.22 | 33.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0   | 22.25 | 20.65 | 33.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#49  | 22.72 | 21.12 | 33.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#50 | 21.69 | 20.09 | 33.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#25 | 21.36 | 19.76 | 33.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#0  | 21.49 | 19.89 | 33.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 21.22 | 19.62 | 33.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 1RB#99  | 21.04 | 19.44 | 33.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 1RB#49  | 20.96 | 19.36 | 33.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 1RB#0   | 20.72 | 19.12 | 33.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 50RB#50 | 19.98 | 18.38 | 33.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 50RB#25 | 19.88 | 18.28 | 33.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 50RB#0  | 19.81 | 18.21 | 33.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | 19.65 | 18.05 | 33.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 1RB#99  | 20.82 | 19.22 | 33.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 1RB#0   | 20.82 | 19.22 | 33.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 1RB#49  | 20.52 | 18.92 | 33.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 50RB#50 | 19.77 | 18.17 | 33.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 50RB#25 | 19.80 | 18.2  | 33.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 20MHz | 64QAM | 20175 | 50RB#0  | 19.59 | 17.99 | 33.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | 19.58 | 17.98 | 33.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 1RB#0   | 20.46 | 18.86 | 33.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 1RB#49  | 20.54 | 18.94 | 33.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 1RB#99  | 20.84 | 19.24 | 33.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 50RB#25 | 19.84 | 18.24 | 33.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 50RB#50 | 19.68 | 18.08 | 33.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 50RB#0  | 19.42 | 17.82 | 33.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | 19.63 | 18.03 | 33.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0   | 21.85 | 20.25 | 33.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#49  | 21.87 | 20.27 | 33.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#99  | 22.01 | 20.41 | 33.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#0  | 20.79 | 19.19 | 33.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#25 | 20.61 | 19.01 | 33.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#50 | 20.46 | 18.86 | 33.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 20.76 | 19.16 | 33.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0   | 22.16 | 20.56 | 33.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#49  | 21.72 | 20.12 | 33.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#99  | 21.86 | 20.26 | 33.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#25 | 20.38 | 18.78 | 33.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#0  | 20.57 | 18.97 | 33.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#50 | 20.31 | 18.71 | 33.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 20.63 | 19.03 | 33.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#99  | 22.14 | 20.54 | 33.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#49  | 21.77 | 20.17 | 33.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0   | 22.02 | 20.42 | 33.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#50 | 20.46 | 18.86 | 33.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#25 | 20.45 | 18.85 | 33.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#0  | 20.40 | 18.8  | 33.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 20.47 | 18.87 | 33.00 | PASS |





**SCC1(ANT5):**

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Conducted Power(dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|-------|-----------|------------|---------|------------------|----------------------|------------|-------------|---------|
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#0            | 21.49                | 20.29      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#24           | 21.95                | 20.75      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#49           | 22.29                | 21.09      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 25RB#0           | 20.94                | 19.74      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 25RB#12          | 21.40                | 20.2       | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 25RB#25          | 21.28                | 20.08      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 50RB#0           | 21.28                | 20.08      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#0            | 22.23                | 21.03      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#24           | 22.21                | 21.01      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#49           | 22.38                | 21.18      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 25RB#12          | 21.24                | 20.04      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 25RB#25          | 21.54                | 20.34      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 25RB#0           | 21.28                | 20.08      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 50RB#0           | 21.52                | 20.32      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#0            | 22.16                | 20.96      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#24           | 22.09                | 20.89      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#49           | 22.20                | 21         | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 25RB#0           | 21.44                | 20.24      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 25RB#12          | 21.64                | 20.44      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 25RB#25          | 21.25                | 20.05      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 50RB#0           | 21.52                | 20.32      | 33.00       | PASS    |
| Band7 | 5MHz      | 64QAM      | 20775   | 1RB#0            | 21.78                | 20.58      | 33.00       | PASS    |
| Band7 | 5MHz      | 64QAM      | 20775   | 1RB#49           | 21.74                | 20.54      | 33.00       | PASS    |
| Band7 | 5MHz      | 64QAM      | 20775   | 1RB#24           | 21.87                | 20.67      | 33.00       | PASS    |
| Band7 | 5MHz      | 64QAM      | 20775   | 25RB#12          | 20.61                | 19.41      | 33.00       | PASS    |
| Band7 | 5MHz      | 64QAM      | 20775   | 25RB#0           | 20.76                | 19.56      | 33.00       | PASS    |
| Band7 | 5MHz      | 64QAM      | 20775   | 25RB#25          | 20.63                | 19.43      | 33.00       | PASS    |
| Band7 | 5MHz      | 64QAM      | 20775   | 50RB#0           | 20.61                | 19.41      | 33.00       | PASS    |
| Band7 | 5MHz      | 64QAM      | 21100   | 1RB#0            | 21.78                | 20.58      | 33.00       | PASS    |
| Band7 | 5MHz      | 64QAM      | 21100   | 1RB#49           | 22.04                | 20.84      | 33.00       | PASS    |



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Shenzhen Branch Testing & Calibration Laboratory

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|       |      |       |       |         |       |       |       |      |
|-------|------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 5MHz | 64QAM | 21100 | 1RB#24  | 21.82 | 20.62 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 25RB#0  | 20.97 | 19.77 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 25RB#12 | 20.82 | 19.62 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 25RB#25 | 20.64 | 19.44 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 50RB#0  | 21.02 | 19.82 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 1RB#49  | 21.85 | 20.65 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 1RB#24  | 21.85 | 20.65 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 1RB#0   | 21.60 | 20.4  | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 25RB#25 | 20.67 | 19.47 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 25RB#0  | 20.96 | 19.76 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 25RB#12 | 20.71 | 19.51 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 50RB#0  | 20.66 | 19.46 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 1RB#49  | 21.26 | 20.06 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 1RB#0   | 20.45 | 19.25 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 1RB#24  | 21.25 | 20.05 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#25 | 20.33 | 19.13 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0  | 19.91 | 18.71 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#12 | 20.10 | 18.9  | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 50RB#0  | 20.19 | 18.99 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 1RB#0   | 21.43 | 20.23 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 1RB#24  | 21.29 | 20.09 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 1RB#49  | 21.52 | 20.32 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0  | 20.21 | 19.01 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#12 | 20.54 | 19.34 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#25 | 20.38 | 19.18 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 50RB#0  | 20.46 | 19.26 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#24  | 21.60 | 20.4  | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#49  | 21.70 | 20.5  | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#0   | 21.63 | 20.43 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#0  | 20.59 | 19.39 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#12 | 20.49 | 19.29 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#25 | 20.19 | 18.99 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 50RB#0  | 20.22 | 19.02 | 33.00 | PASS |







|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 20MHz | QPSK  | 20850 | 1RB#49  | 22.49 | 21.29 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#99  | 22.55 | 21.35 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#0   | 22.30 | 21.1  | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 50RB#0  | 21.47 | 20.27 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 50RB#25 | 21.40 | 20.2  | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 50RB#50 | 21.60 | 20.4  | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | 21.32 | 20.12 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#99  | 22.53 | 21.33 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#49  | 22.44 | 21.24 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#0   | 22.29 | 21.09 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 50RB#25 | 21.65 | 20.45 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 50RB#0  | 21.55 | 20.35 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 50RB#50 | 21.72 | 20.52 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | 21.63 | 20.43 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#49  | 22.51 | 21.31 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#0   | 22.52 | 21.32 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#99  | 22.46 | 21.26 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 50RB#25 | 21.58 | 20.38 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 50RB#50 | 21.65 | 20.45 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 50RB#0  | 21.30 | 20.1  | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | 21.57 | 20.37 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 1RB#0   | 21.59 | 20.39 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 1RB#49  | 21.86 | 20.66 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 1RB#99  | 22.09 | 20.89 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 50RB#0  | 20.79 | 19.59 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 50RB#25 | 21.01 | 19.81 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 50RB#50 | 20.81 | 19.61 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | 20.79 | 19.59 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 1RB#99  | 22.12 | 20.92 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 1RB#0   | 21.90 | 20.7  | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 1RB#49  | 21.97 | 20.77 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 50RB#25 | 20.93 | 19.73 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 50RB#50 | 20.93 | 19.73 | 33.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 20MHz | 64QAM | 21100 | 50RB#0  | 21.01 | 19.81 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | 20.90 | 19.7  | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 1RB#49  | 22.06 | 20.86 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 1RB#99  | 21.71 | 20.51 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 1RB#0   | 22.12 | 20.92 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 50RB#50 | 20.87 | 19.67 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 50RB#0  | 21.06 | 19.86 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 50RB#25 | 21.00 | 19.8  | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | 20.76 | 19.56 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#99  | 21.71 | 20.51 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0   | 21.39 | 20.19 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#49  | 21.72 | 20.52 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#0  | 20.47 | 19.27 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#25 | 20.55 | 19.35 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#50 | 20.31 | 19.11 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | 20.47 | 19.27 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#99  | 21.90 | 20.7  | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#49  | 21.74 | 20.54 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0   | 21.47 | 20.27 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#25 | 20.38 | 19.18 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#0  | 20.54 | 19.34 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#50 | 20.66 | 19.46 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | 20.32 | 19.12 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#99  | 21.78 | 20.58 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#49  | 21.77 | 20.57 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0   | 21.58 | 20.38 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#50 | 20.41 | 19.21 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#25 | 20.66 | 19.46 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#0  | 20.52 | 19.32 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | 20.40 | 19.2  | 33.00 | 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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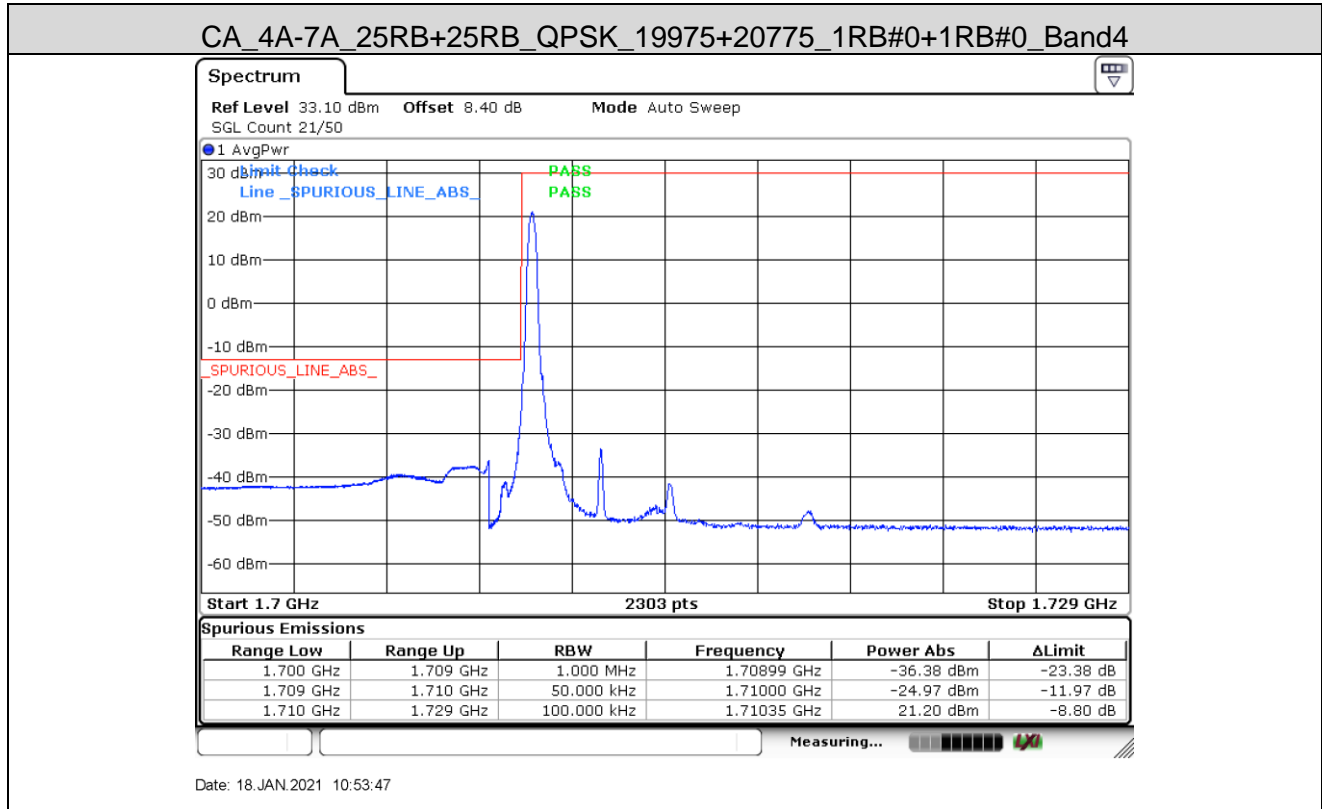
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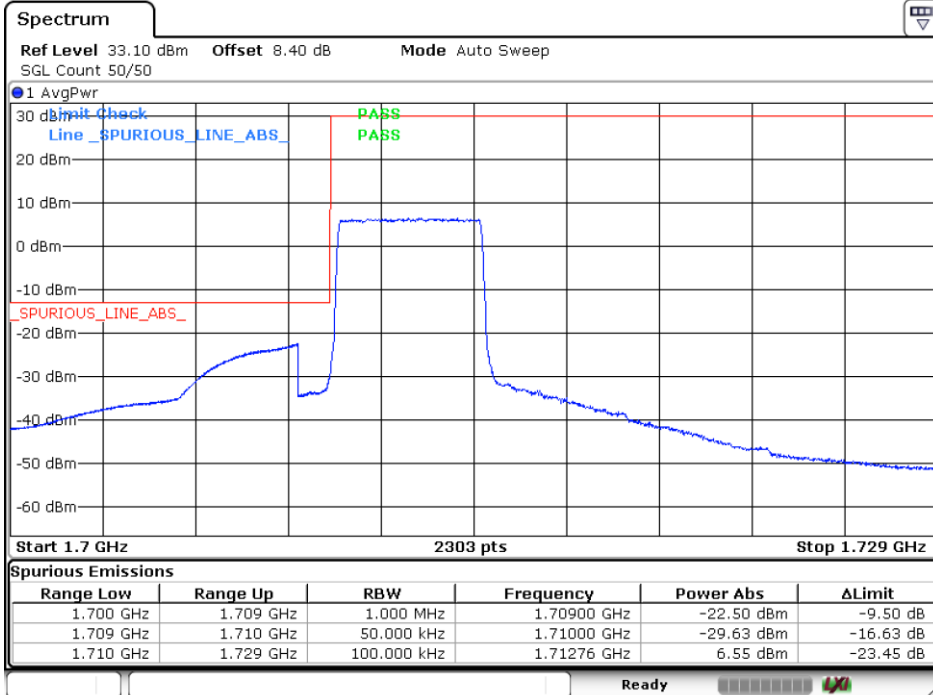
## 2 Band Edges Compliance

### 2.1 For LTE

#### 2.1.1 Test Band = LTE Band CA\_4A-7A

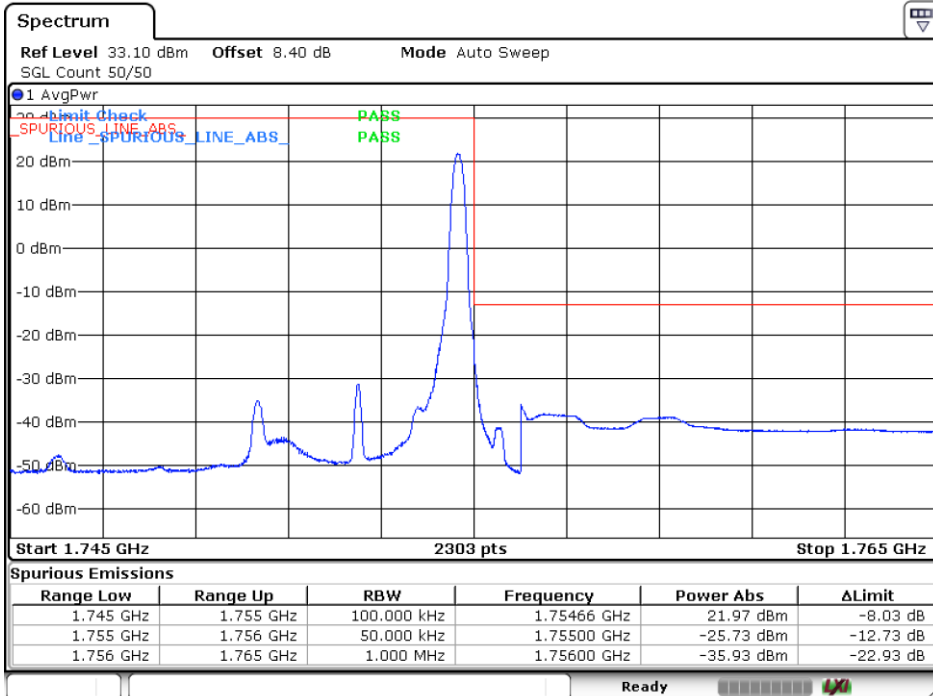


## CA\_4A-7A\_25RB+25RB\_QPSK\_19975+20775\_75RB#0+50RB#0\_Band4



Date: 18. JAN. 2021 10:49:01

## CA\_4A-7A\_25RB+25RB\_QPSK\_20375+21425\_1RB#74+1RB#49\_Band4



Date: 18. JAN. 2021 11:20:39



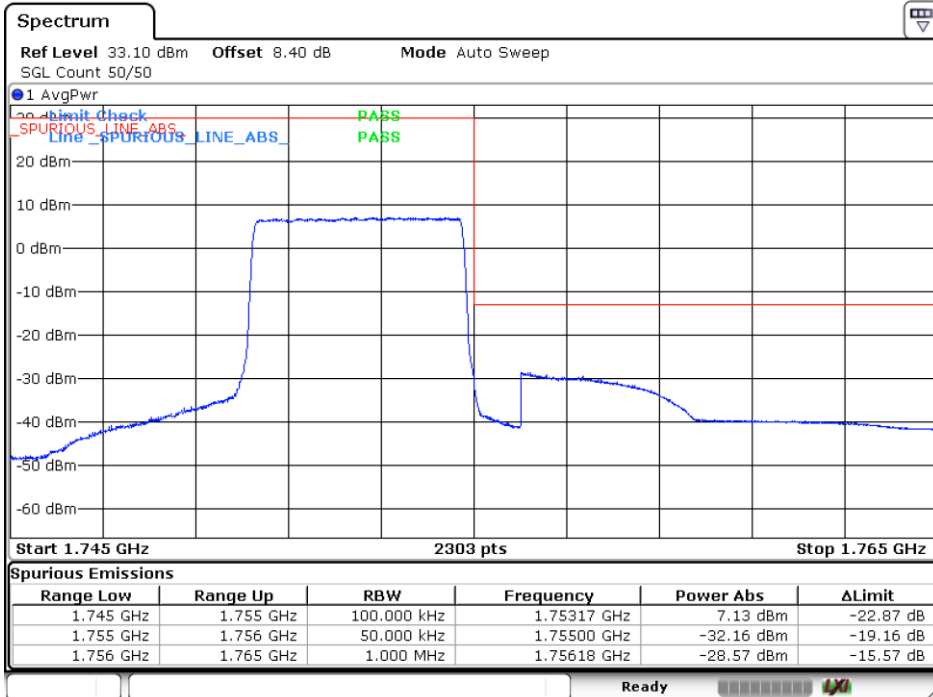
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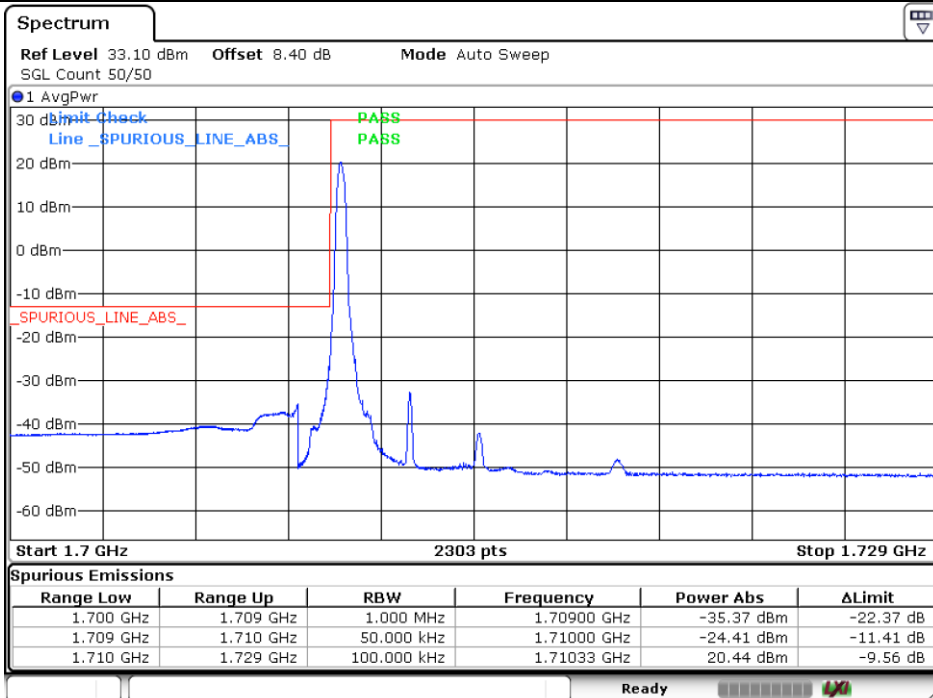


## CA\_4A-7A\_25RB+25RB\_QPSK\_20375+21425\_75RB#0+50RB#0\_Band4



Date: 18.JAN.2021 11:16:29

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Date: 18.JAN.2021 10:53:26

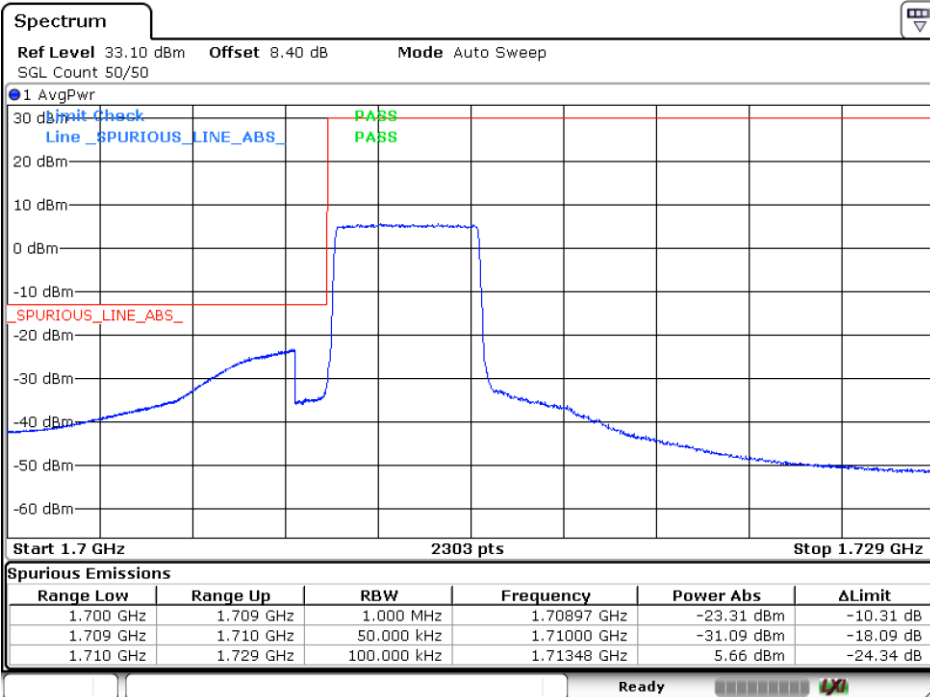


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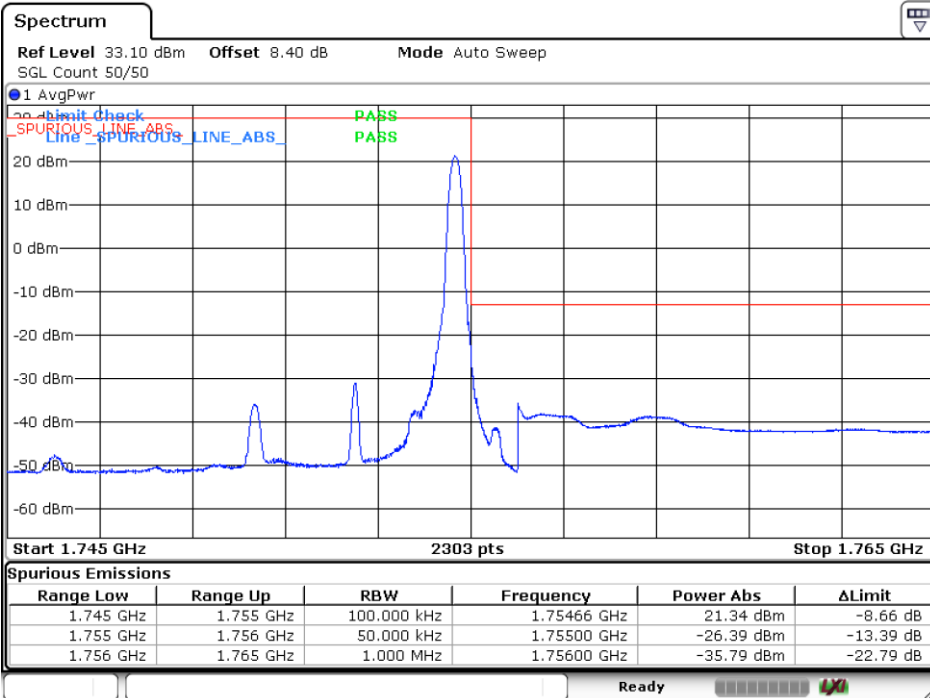
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## CA\_4A-7A\_25RB+25RB\_16QAM\_19975+20775\_75RB#0+50RB#0\_Band4



Date: 18.JAN.2021 10:50:27

## CA\_4A-7A\_25RB+25RB\_16QAM\_20375+21425\_1RB#74+1RB#49\_Band4



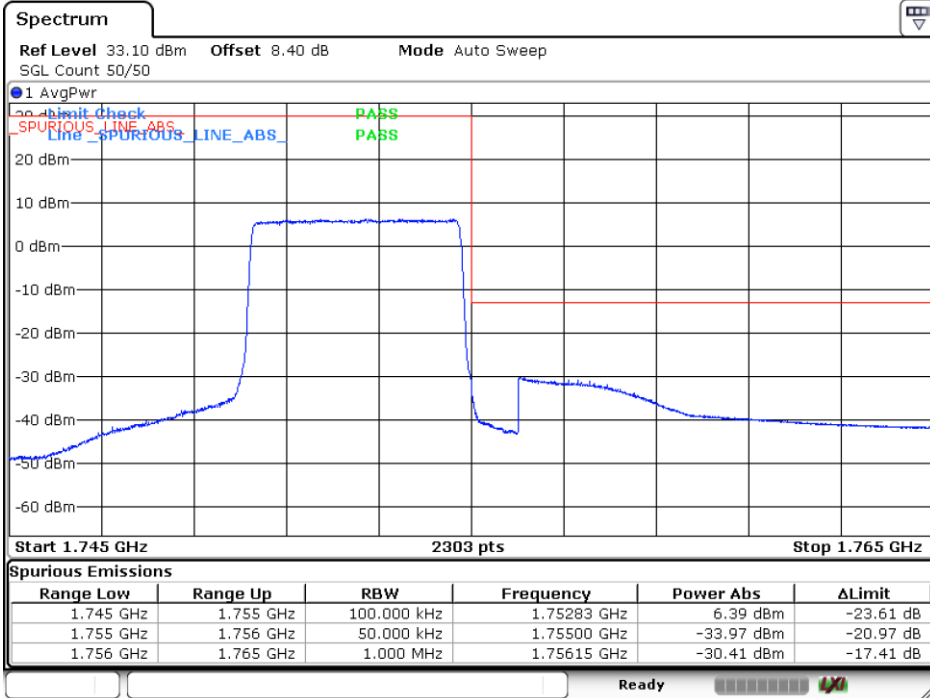
Date: 18.JAN.2021 11:20:11

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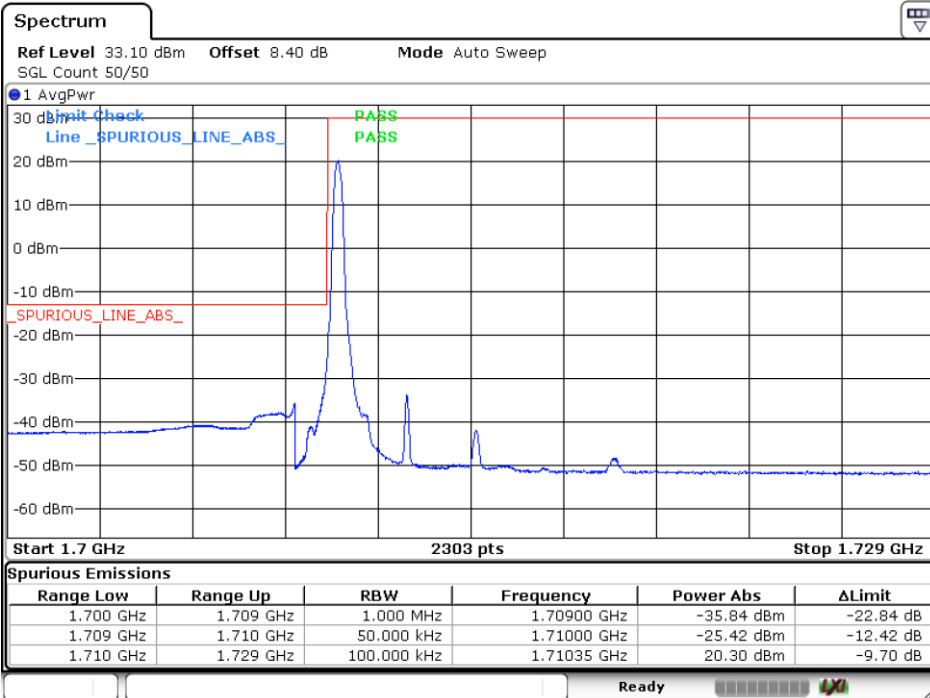
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## CA\_4A-7A\_25RB+25RB\_16QAM\_20375+21425\_75RB#0+50RB#0\_Band4



Date: 18.JAN.2021 11:17:23

## CA\_4A-7A\_25RB+25RB\_64QAM\_19975+20775\_1RB#0+1RB#0\_Band4



Date: 18.JAN.2021 10:52:14



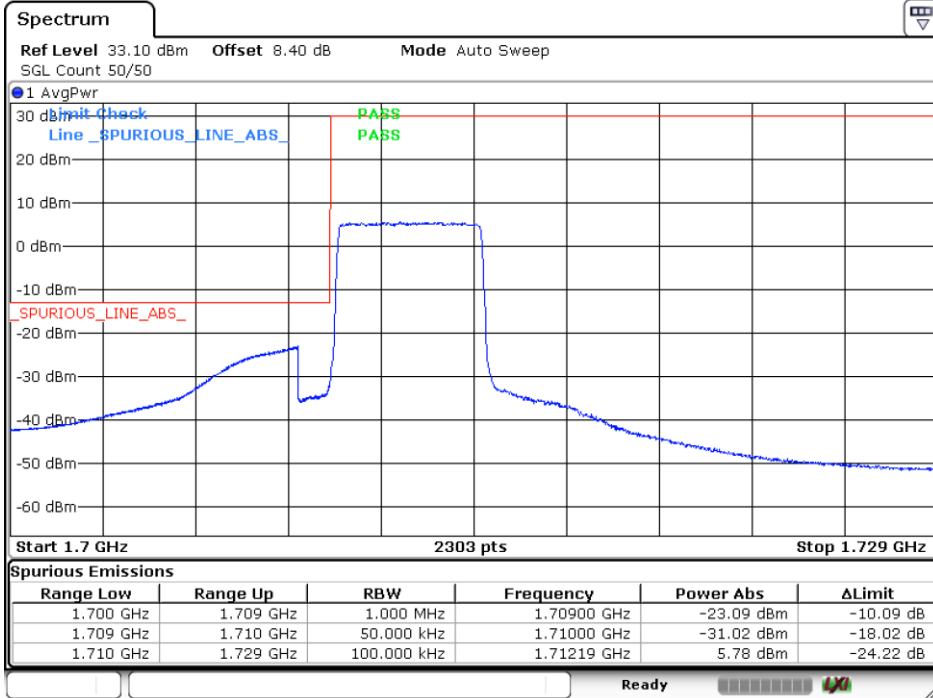
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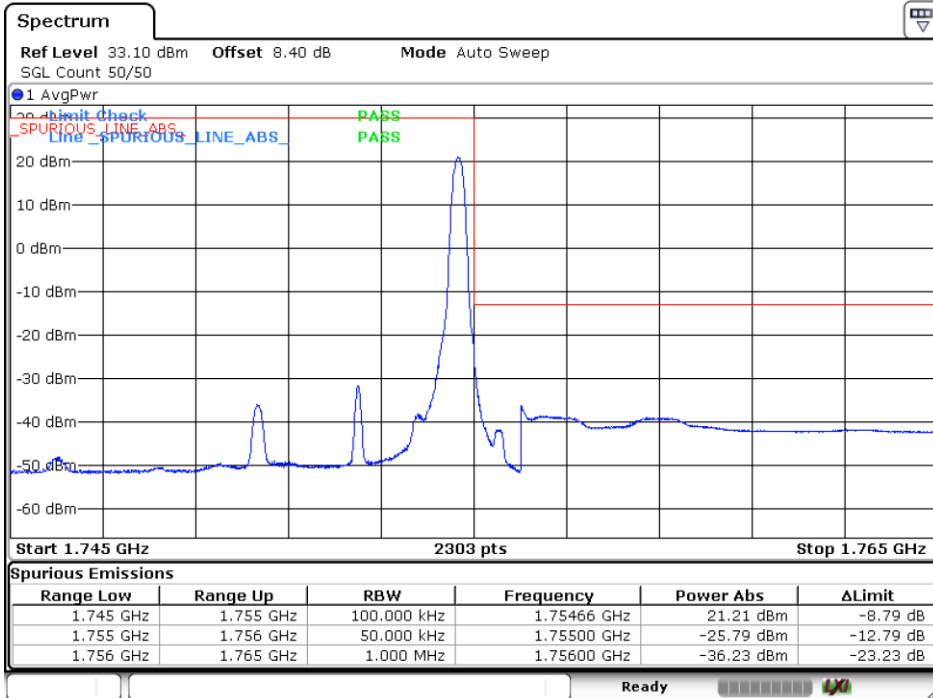
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## CA\_4A-7A\_25RB+25RB\_64QAM\_19975+20775\_75RB#0+50RB#0\_Band4



Date: 18.JAN.2021 10:51:24

## CA\_4A-7A\_25RB+25RB\_64QAM\_20375+21425\_1RB#74+1RB#49\_Band4



Date: 18.JAN.2021 11:18:28



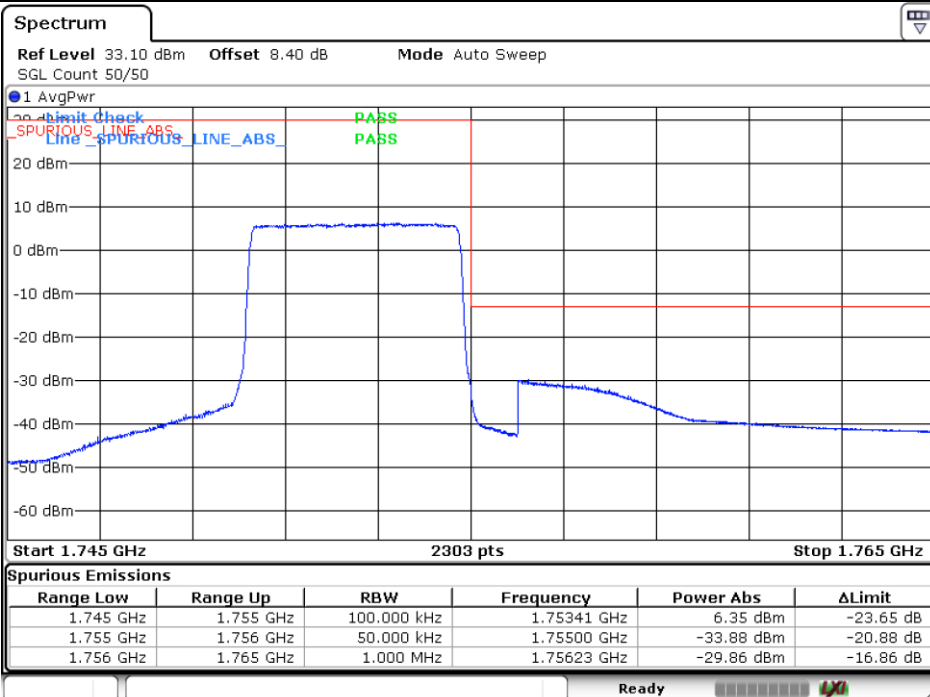
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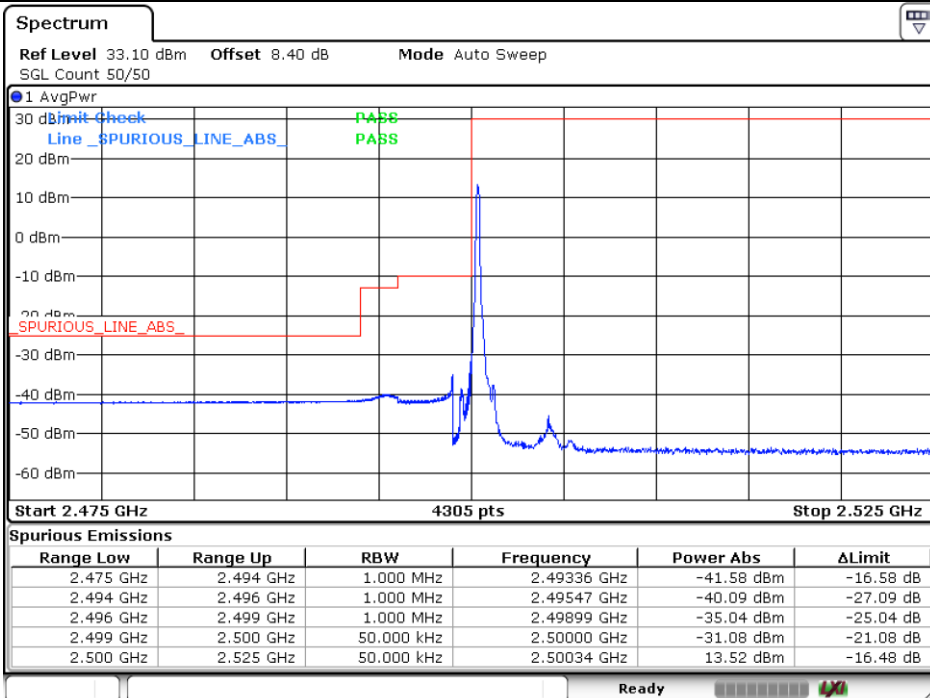


## CA\_4A-7A\_25RB+25RB\_64QAM\_20375+21425\_75RB#0+50RB#0\_Band4



Date: 18. JAN 2021 11:17:51

## CA\_4A-7A\_25RB+25RB\_QPSK\_19975+20775\_1RB#0+1RB#0\_Band7



Date: 18. JAN 2021 11:03:54

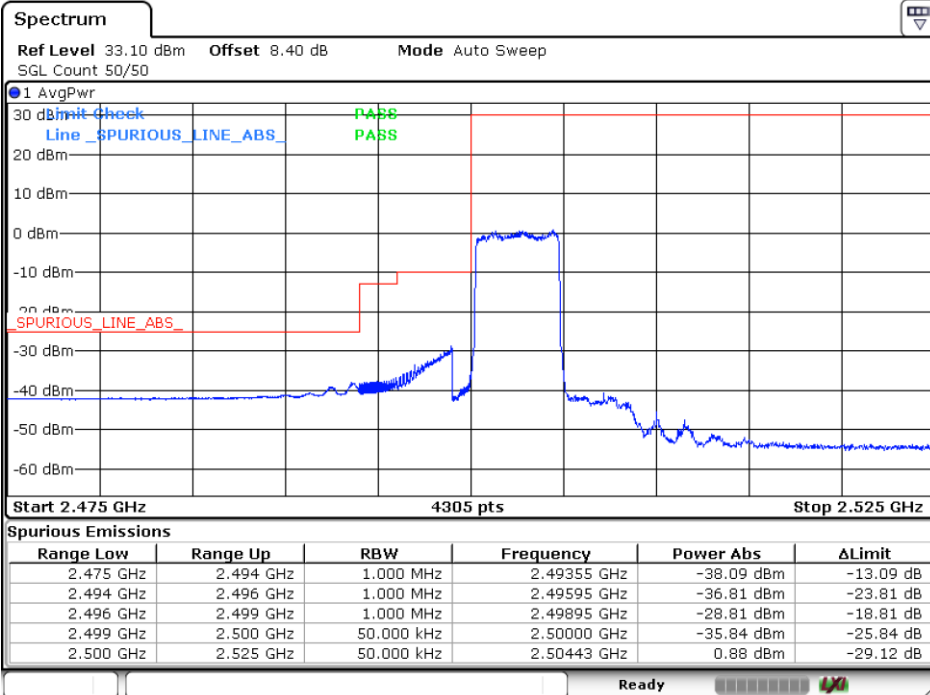


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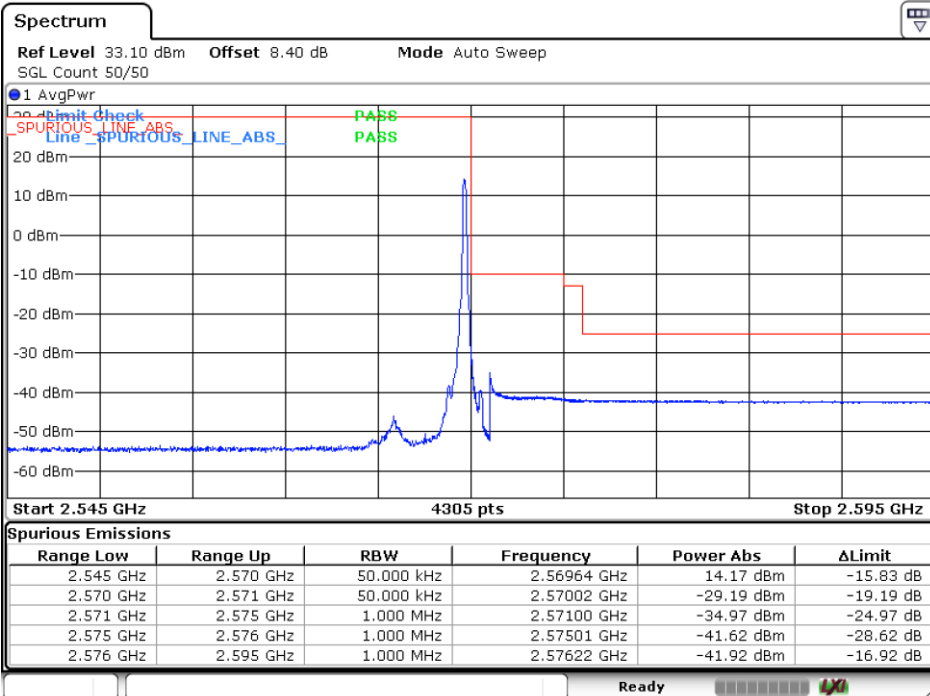
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Date: 18.JAN.2021 11:00:12

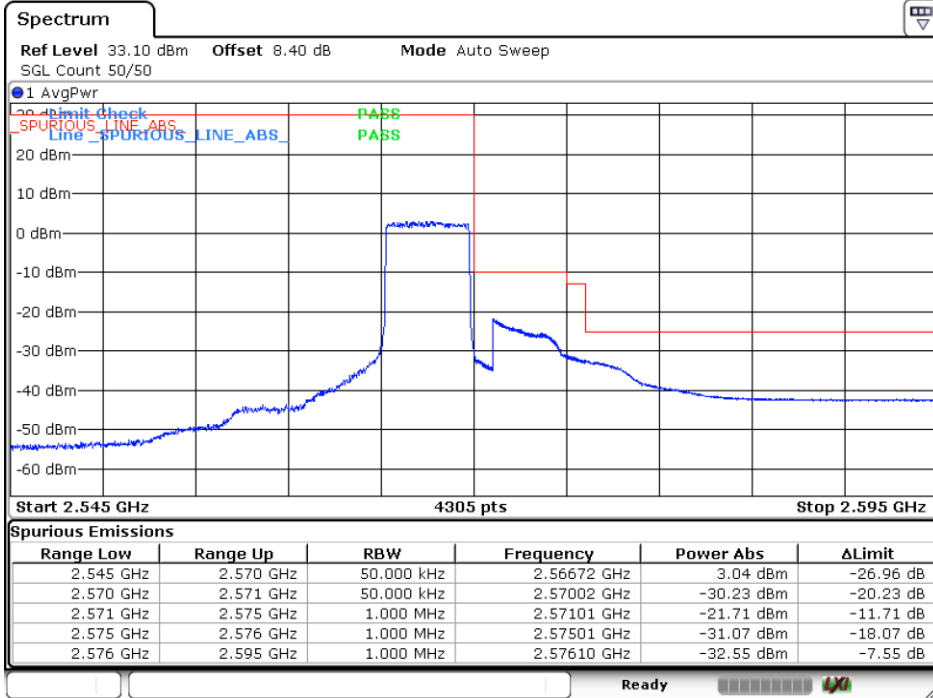
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Date: 18.JAN.2021 11:07:29

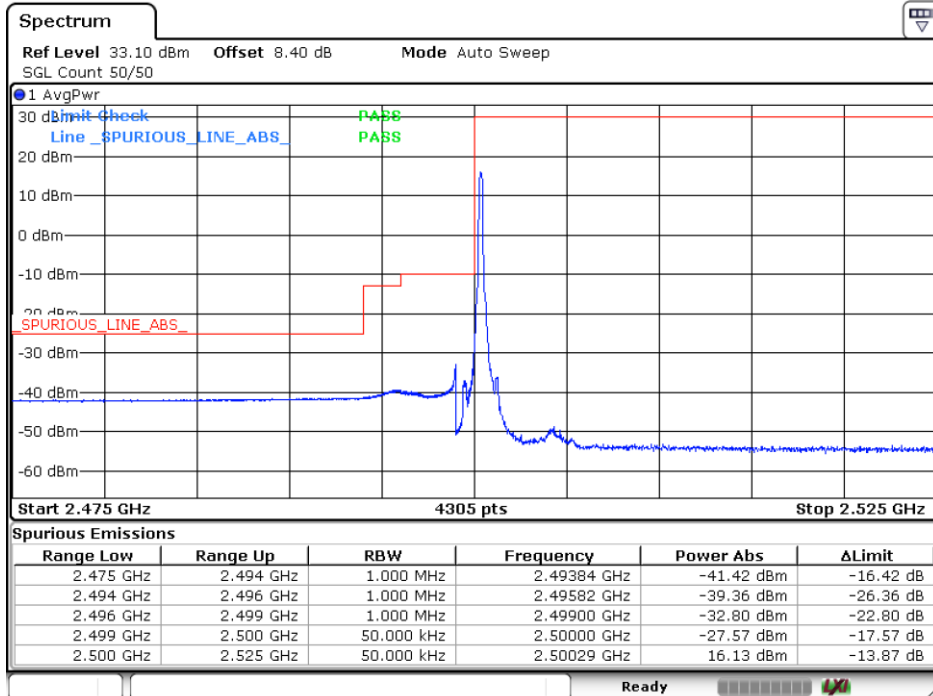


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Date: 18. JAN 2021 11:12:13

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Date: 18. JAN 2021 11:03:26



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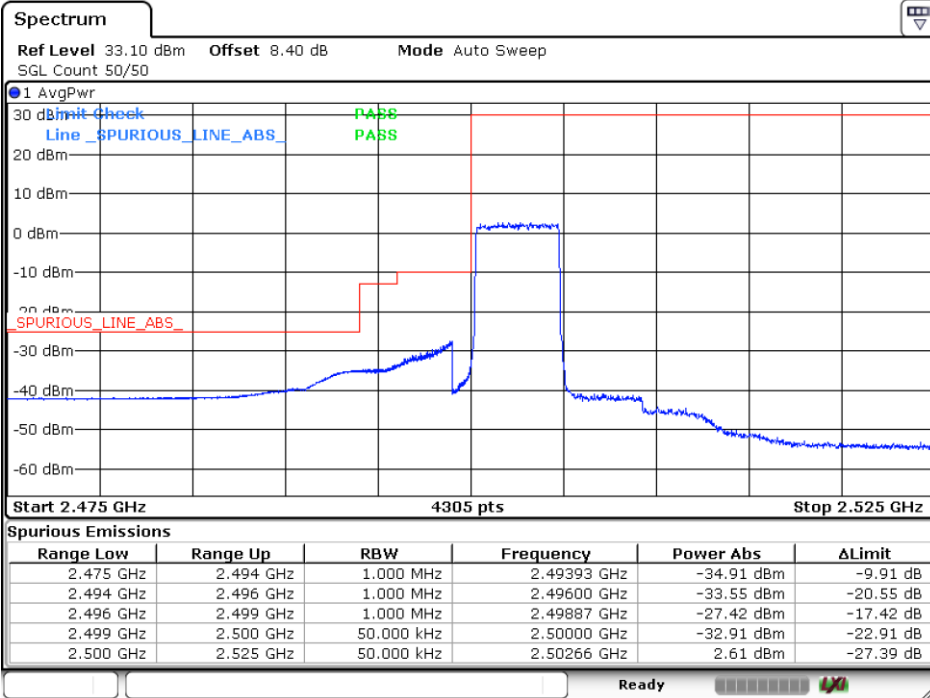
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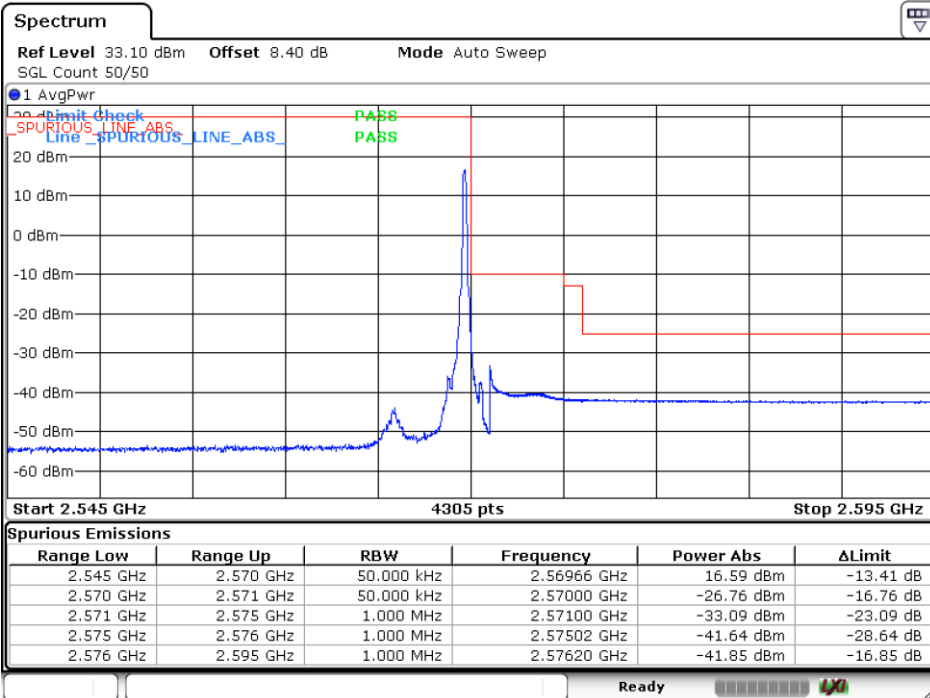


## CA\_4A-7A\_25RB+25RB\_16QAM\_19975+20775\_75RB#0+50RB#0\_Band7



Date: 18.JAN.2021 11:01:22

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Date: 18.JAN.2021 11:08:33

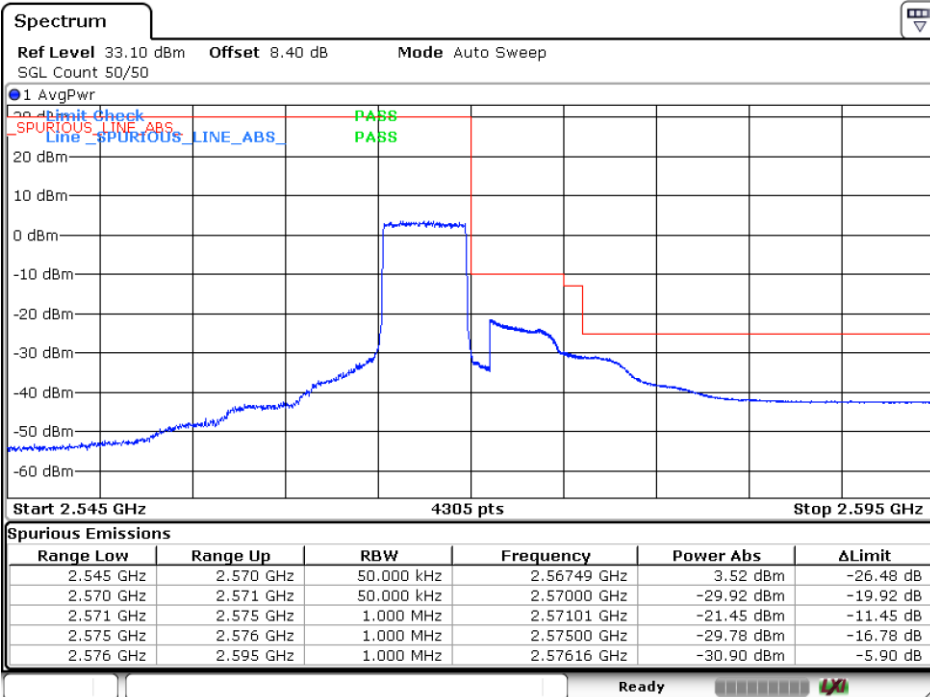


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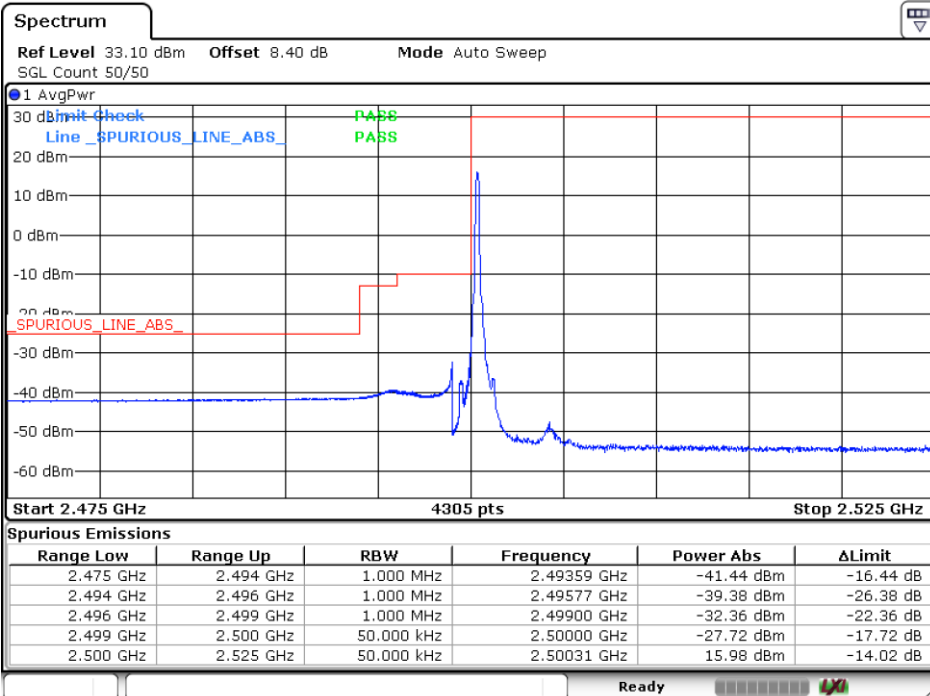
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Date: 18.JAN.2021 11:11:35

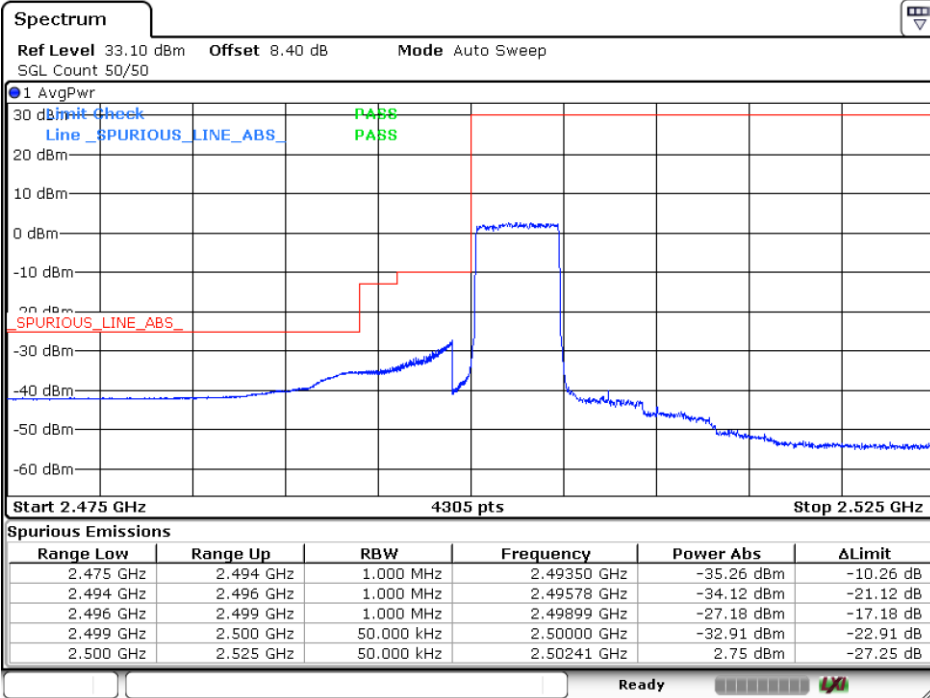
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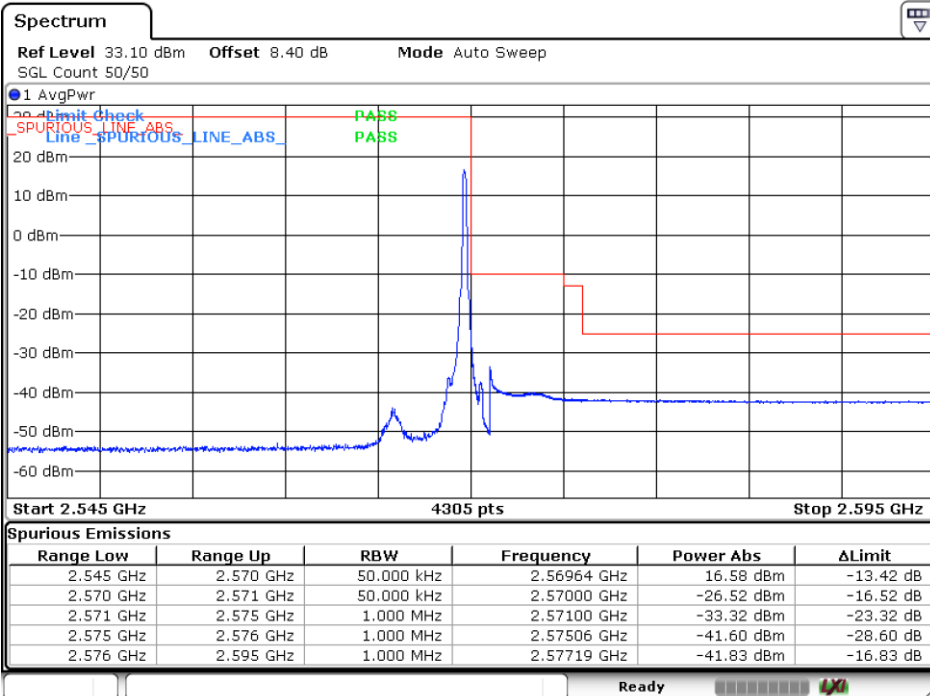


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Date: 18.JAN.2021 11:01:50

## CA\_4A-7A\_25RB+25RB\_64QAM\_20375+21425\_1RB#74+1RB#49\_Band7



Date: 18.JAN.2021 11:09:45



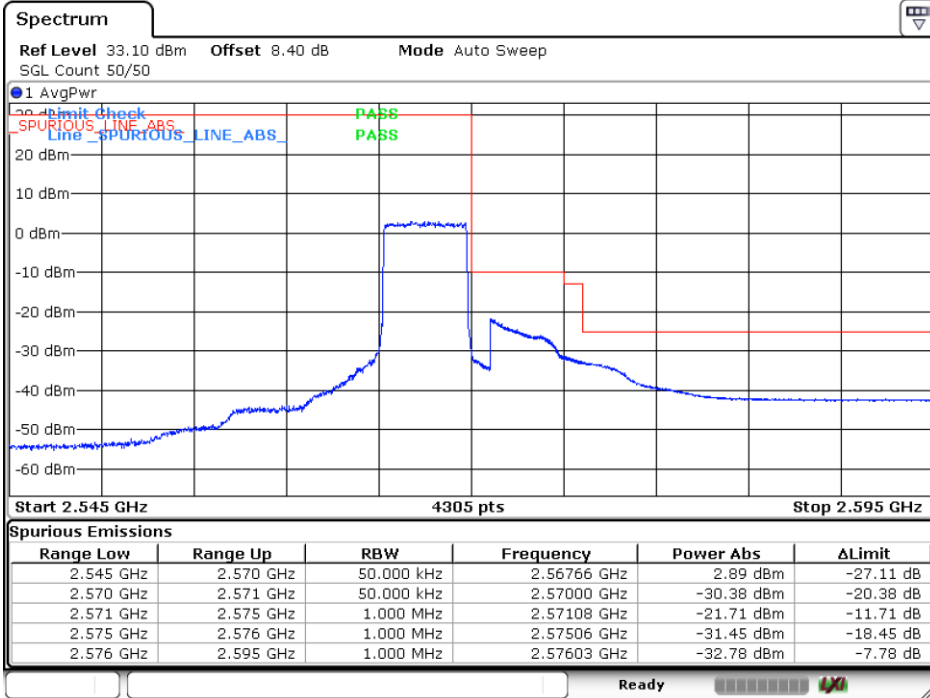
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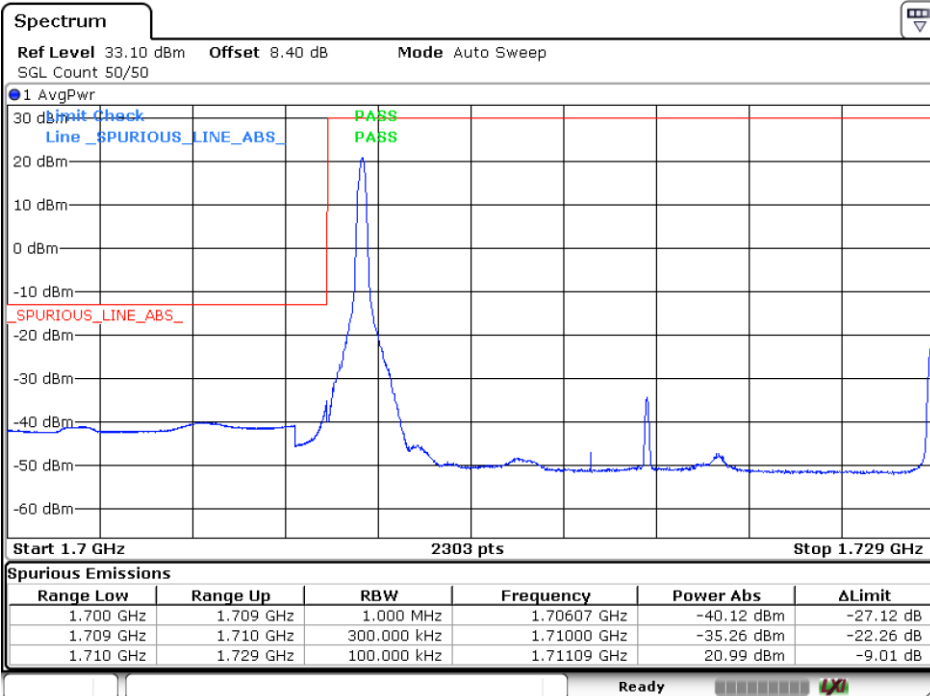


**CA\_4A-7A\_25RB+25RB\_64QAM\_20375+21425\_75RB#0+50RB#0\_Band7**



Date: 18. JAN. 2021 11:10:46

**CA\_4A-7A\_100RB+100RB\_QPSK\_20050+20850\_1RB#0+1RB#0\_Band4**



Date: 18. JAN. 2021 10:38:15

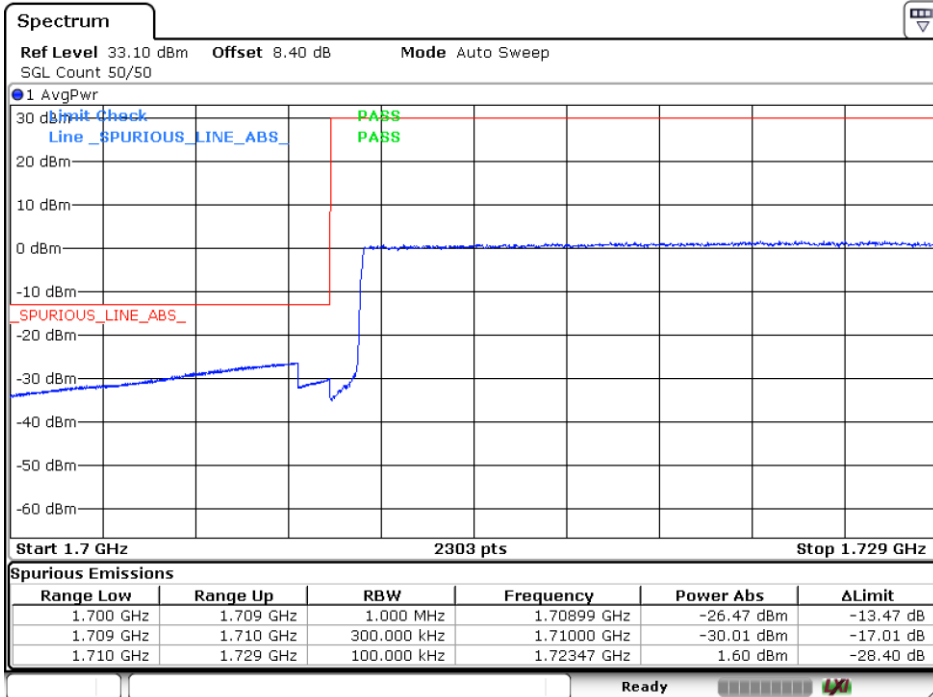


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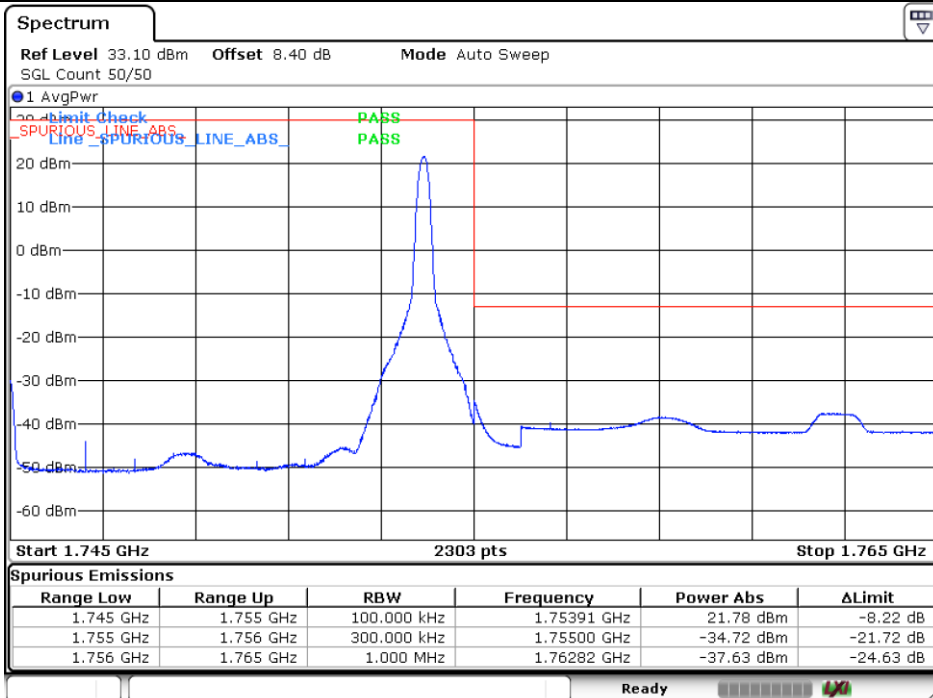
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## CA\_4A-7A\_100RB+100RB\_QPSK\_20050+20850\_100RB#0+50RB#0\_Band4



Date: 18.JAN.2021 10:34:15

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Date: 18.JAN.2021 10:40:13

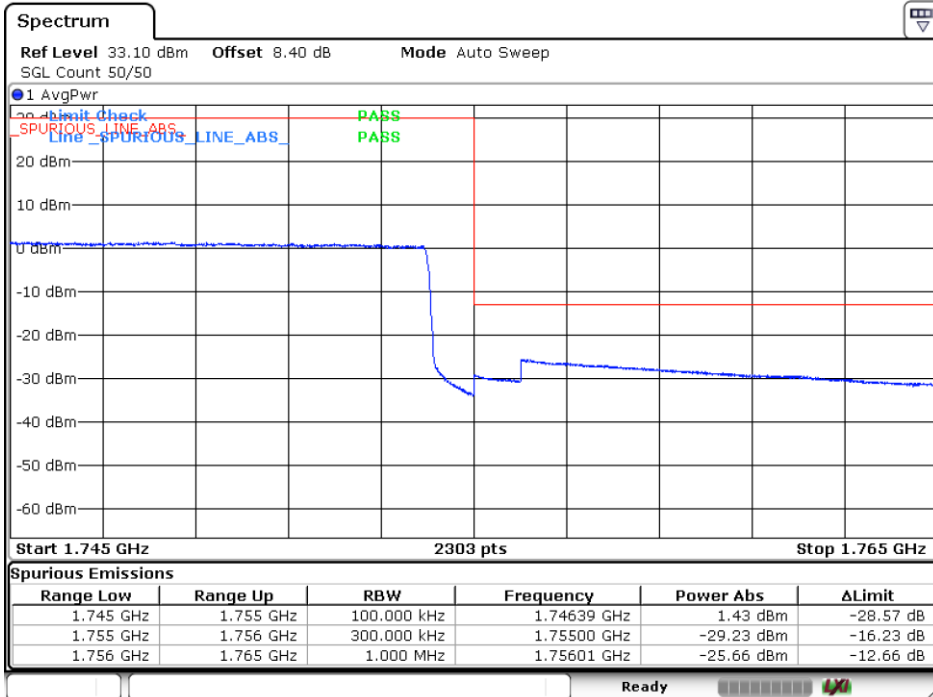


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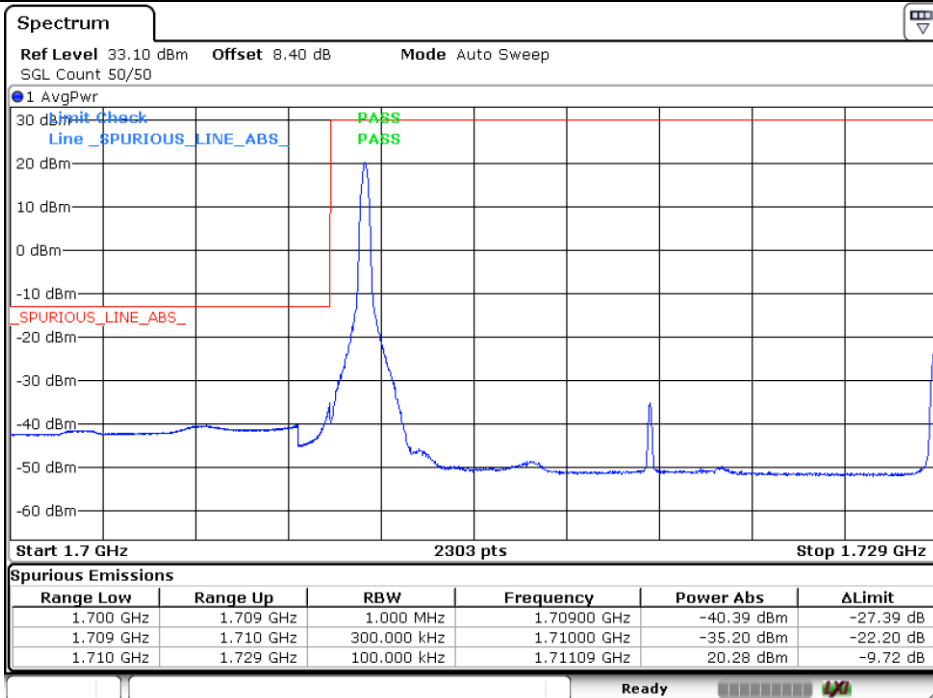
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## CA\_4A-7A\_100RB+100RB\_QPSK\_20300+21350\_100RB#0+50RB#0\_Band4



Date: 18. JAN 2021 10:44:05

## CA\_4A-7A\_100RB+100RB\_16QAM\_20050+20850\_1RB#0+1RB#0\_Band4



Date: 18. JAN 2021 10:37:47



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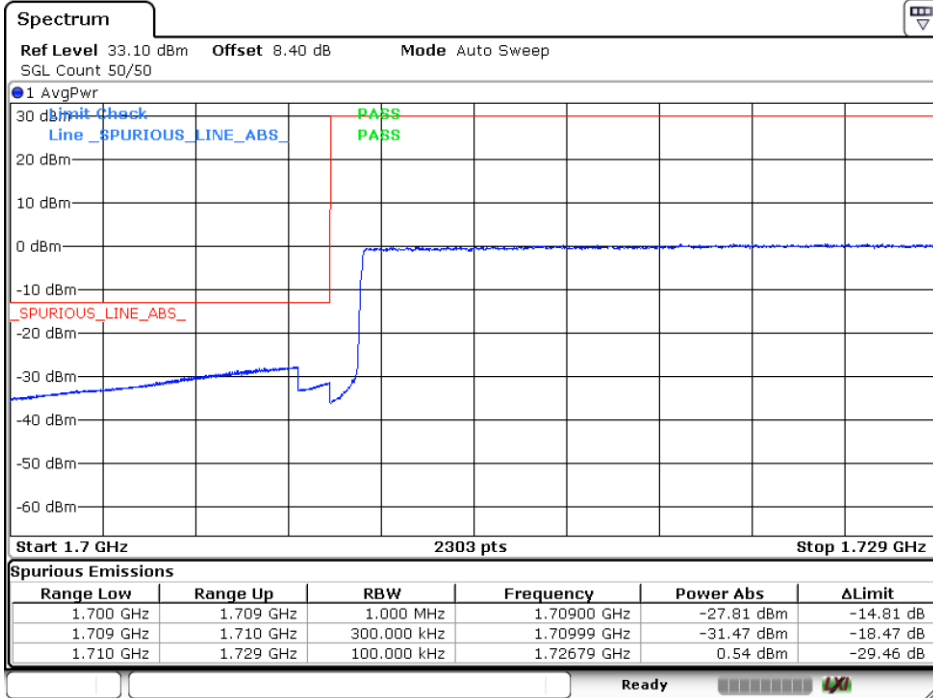
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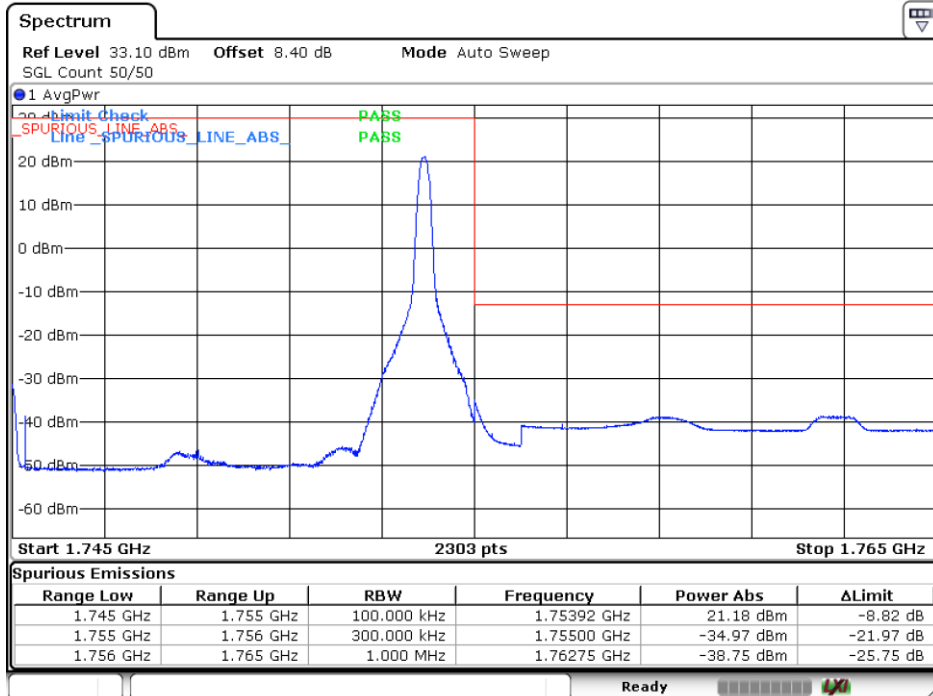


## CA\_4A-7A\_100RB+100RB\_16QAM\_20050+20850\_100RB#0+50RB#0\_Band4



Date: 18. JAN 2021 10:35:14

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Date: 18. JAN 2021 10:41:03



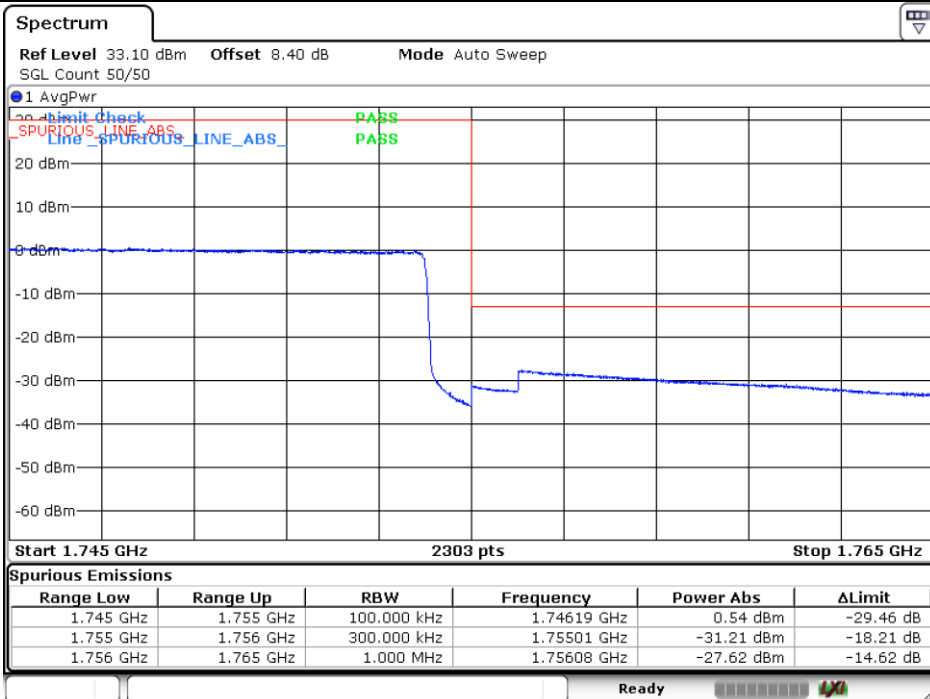
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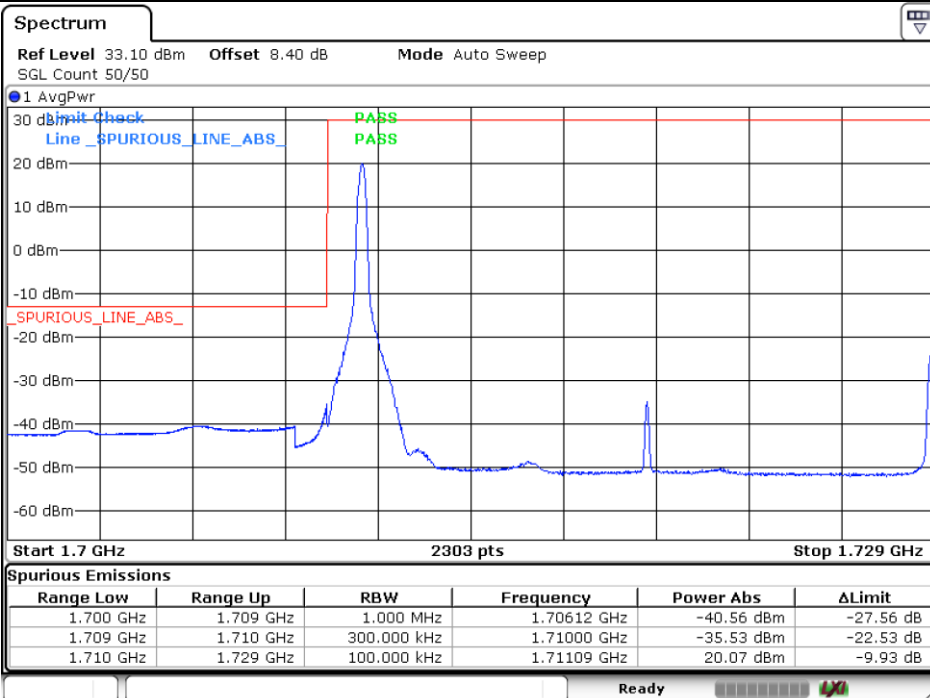
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## CA\_4A-7A\_100RB+100RB\_16QAM\_20300+21350\_100RB#0+50RB#0\_Band4



Date: 18.JAN.2021 10:43:31

## CA\_4A-7A\_100RB+100RB\_64QAM\_20050+20850\_1RB#0+1RB#0\_Band4



Date: 18.JAN.2021 10:37:14

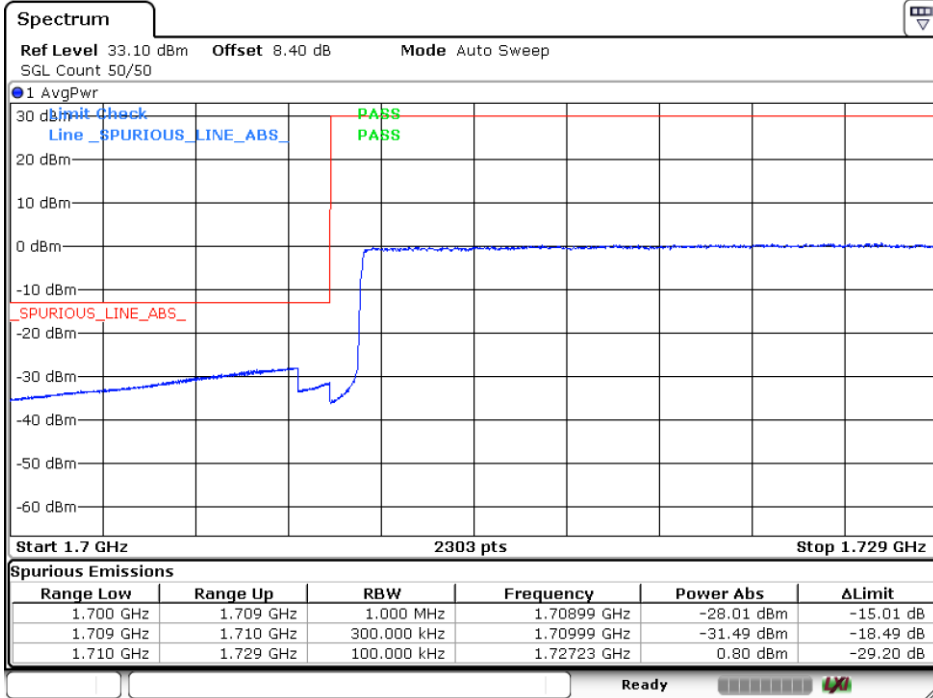


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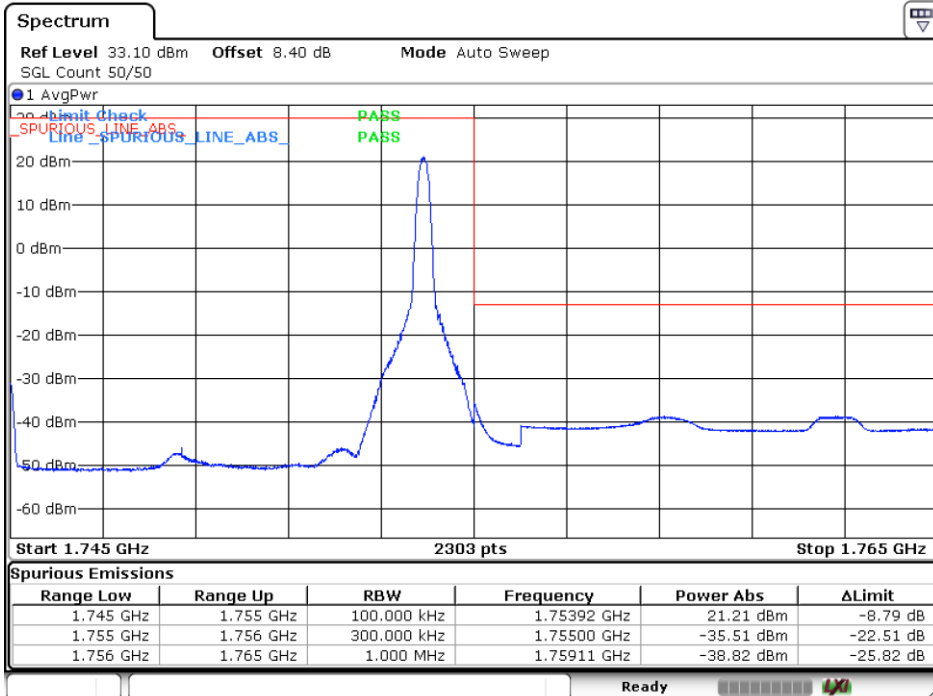
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## CA\_4A-7A\_100RB+100RB\_64QAM\_20050+20850\_100RB#0+50RB#0\_Band4



Date: 18.JAN.2021 10:36:35

## CA\_4A-7A\_100RB+100RB\_64QAM\_20300+21350\_1RB#99+1RB#49\_Band4



Date: 18.JAN.2021 10:41:34

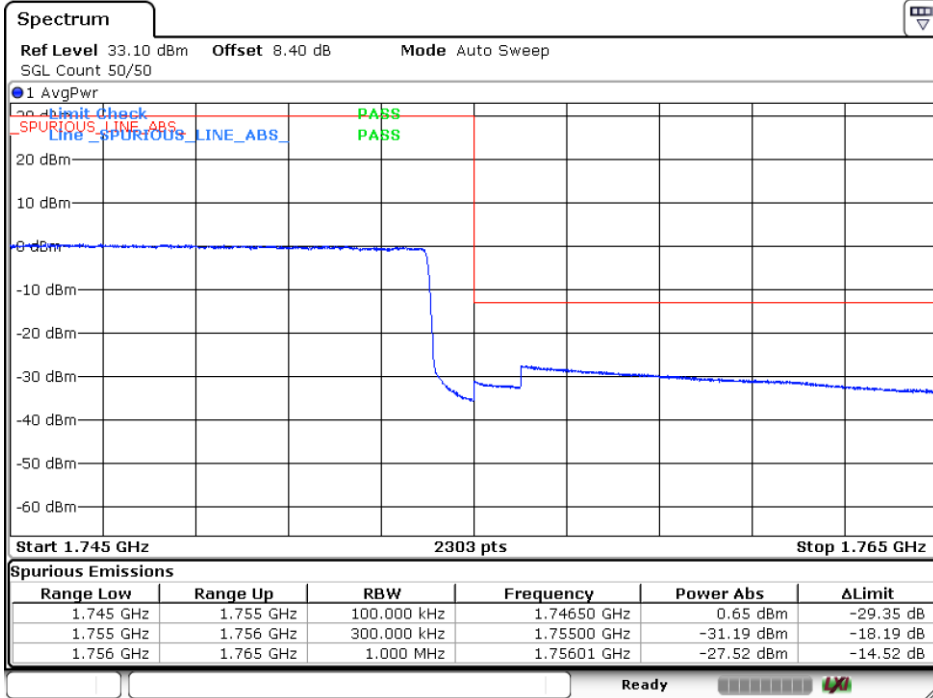


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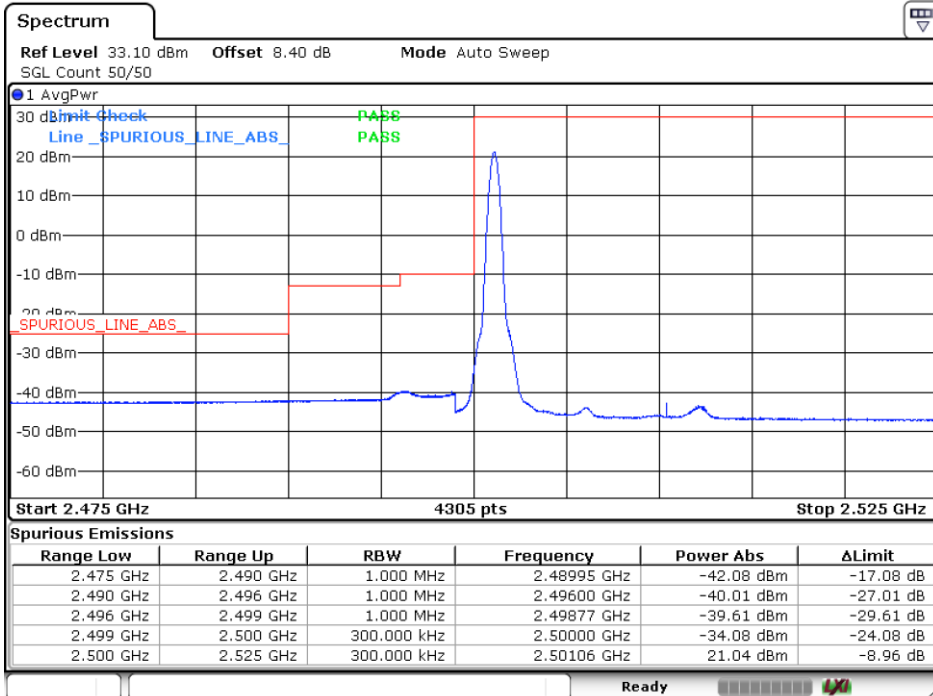
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## CA\_4A-7A\_100RB+100RB\_64QAM\_20300+21350\_100RB#0+50RB#0\_Band4



Date: 18.JAN.2021 10:42:57

## CA\_4A-7A\_100RB+100RB\_QPSK\_20050+20850\_1RB#0+1RB#0\_Band7



Date: 18.JAN.2021 10:32:30



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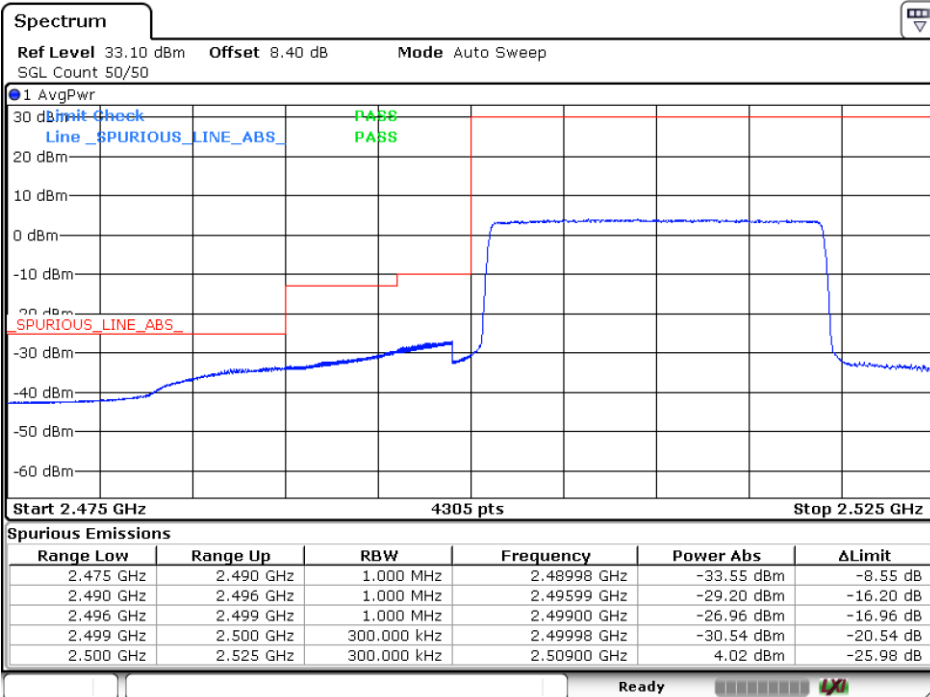
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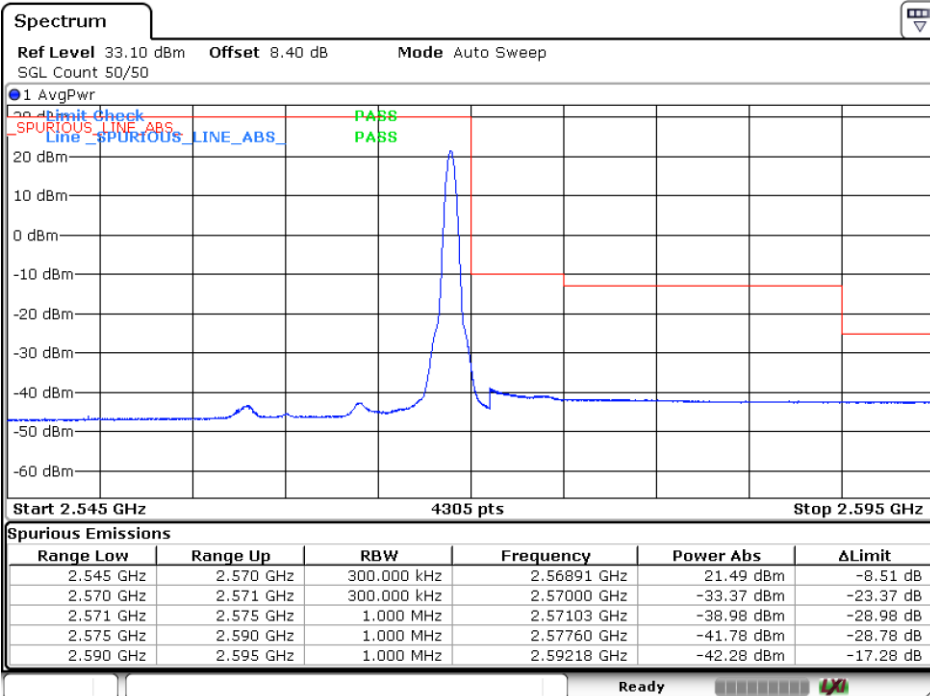


## CA\_4A-7A\_100RB+100RB\_QPSK\_20050+20850\_100RB#0+50RB#0\_Band7



Date: 18.JAN.2021 10:28:33

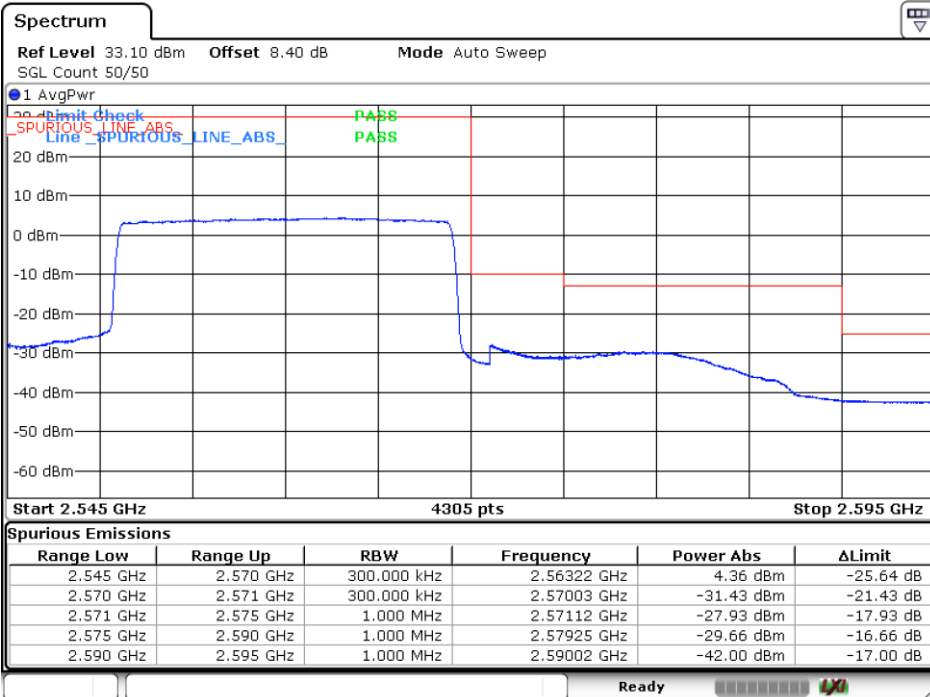
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Date: 18.JAN.2021 10:20:07

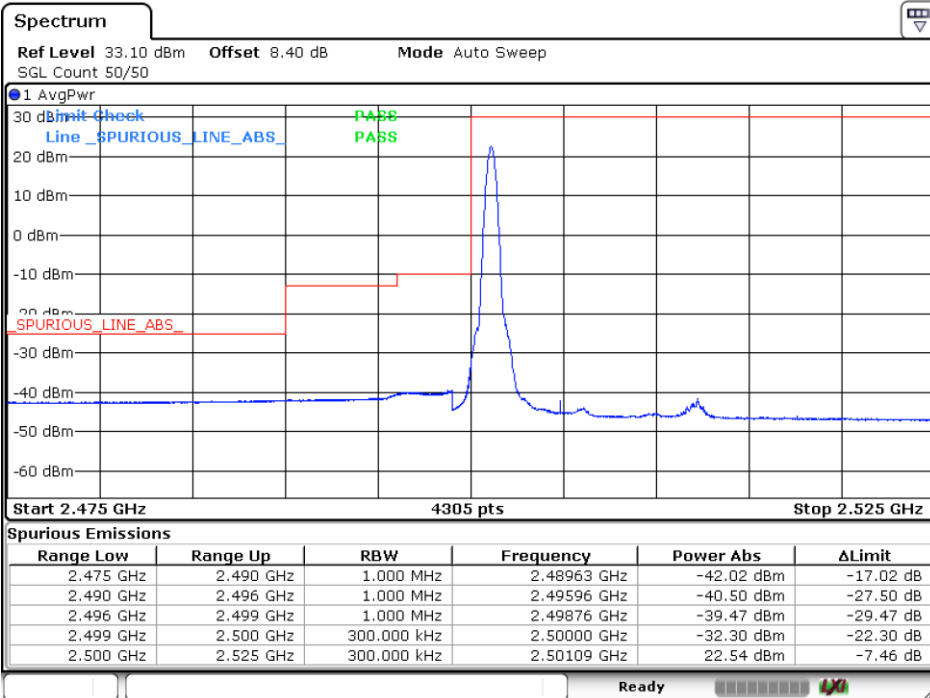


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Date: 18.JAN.2021 10:20:50

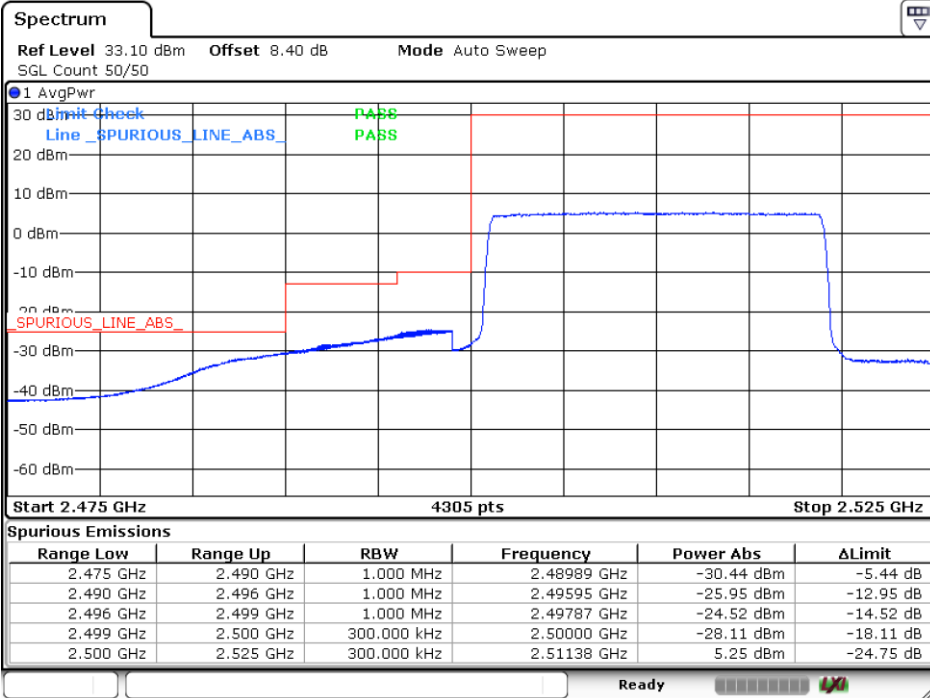
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Date: 18.JAN.2021 10:30:40

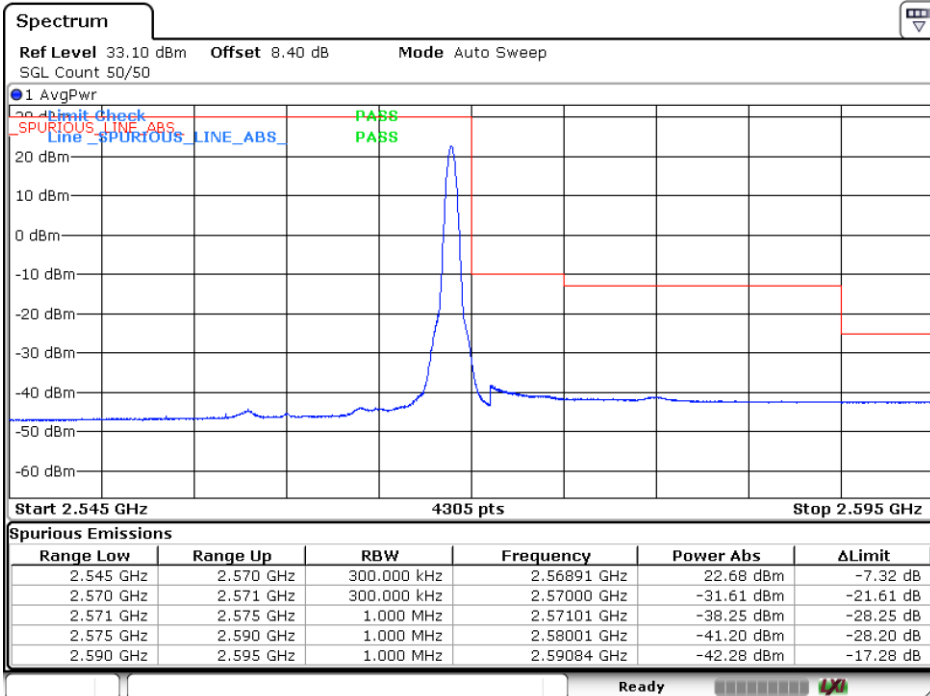


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Date: 18. JAN 2021 10:27:18

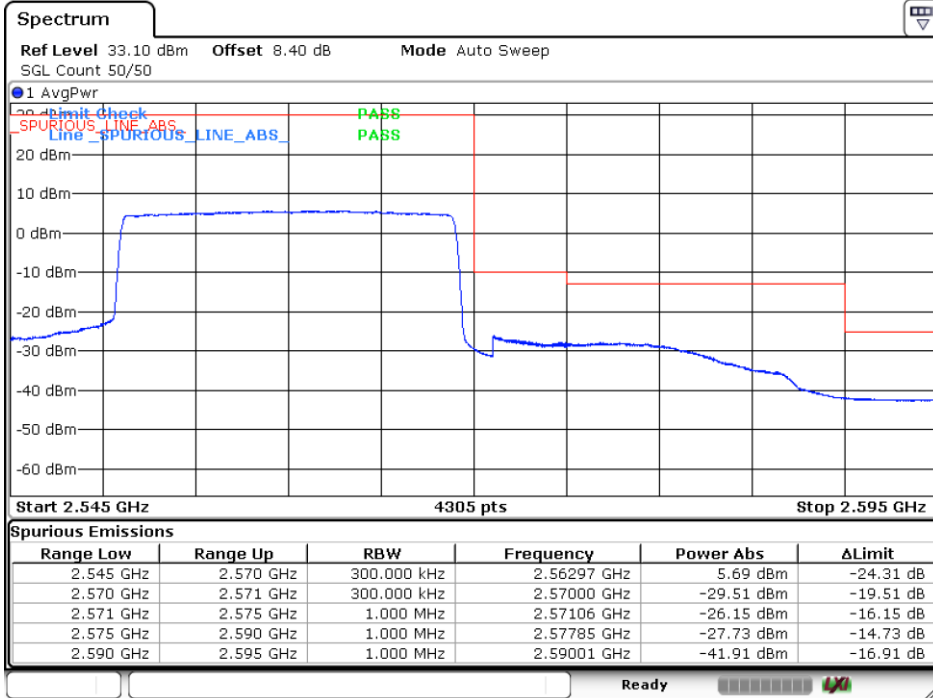
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Date: 18. JAN 2021 10:19:20

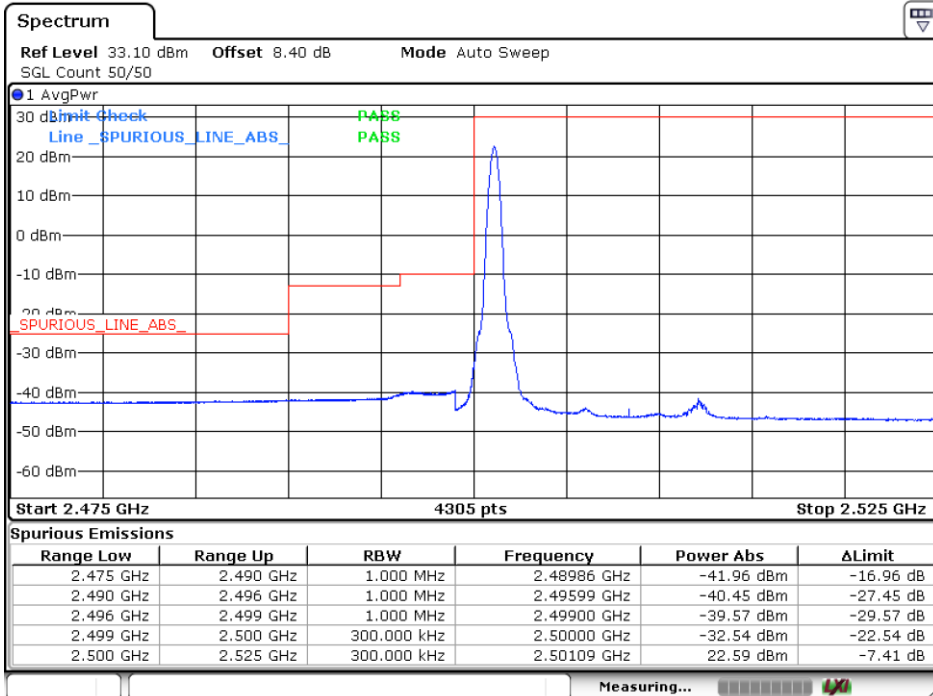


**CA\_4A-7A\_100RB+100RB\_16QAM\_20300+21350\_100RB#0+50RB#0\_Band7**



Date: 18. JAN 2021 10:21:34

**CA\_4A-7A\_100RB+100RB\_64QAM\_20050+20850\_1RB#0+1RB#0\_Band7**



Date: 18. JAN 2021 10:29:54



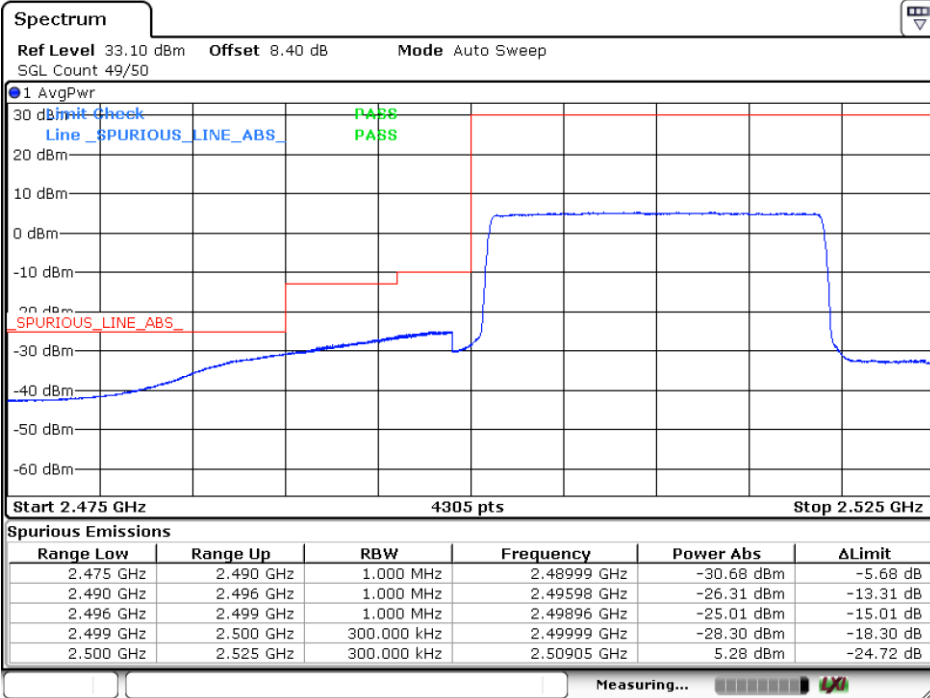
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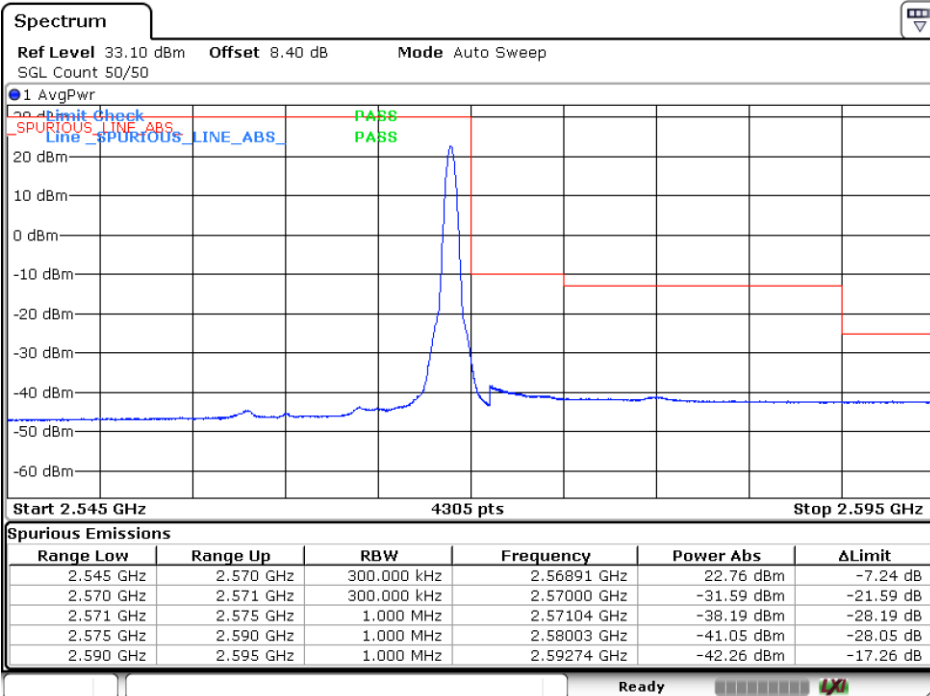


## CA\_4A-7A\_100RB+100RB\_64QAM\_20050+20850\_100RB#0+50RB#0\_Band7



Date: 18.JAN.2021 10:29:11

## CA\_4A-7A\_100RB+100RB\_64QAM\_20300+21350\_1RB#99+1RB#49\_Band7



Date: 18.JAN.2021 10:18:27

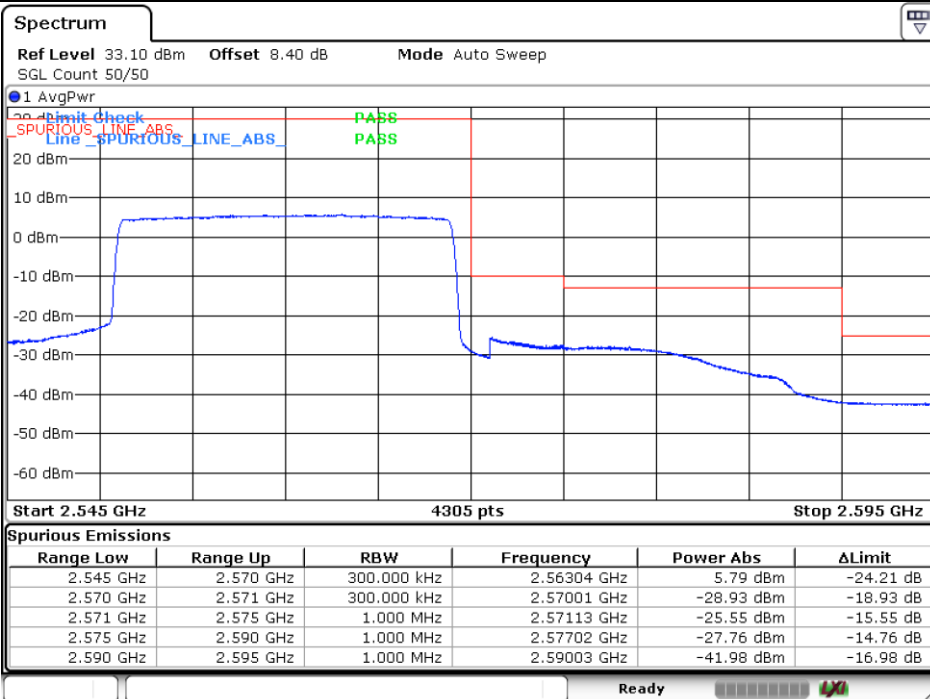


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## CA\_4A-7A\_100RB+100RB\_64QAM\_20300+21350\_100RB#0+50RB#0\_Band7



Date: 18.JAN.2021 10:22:28



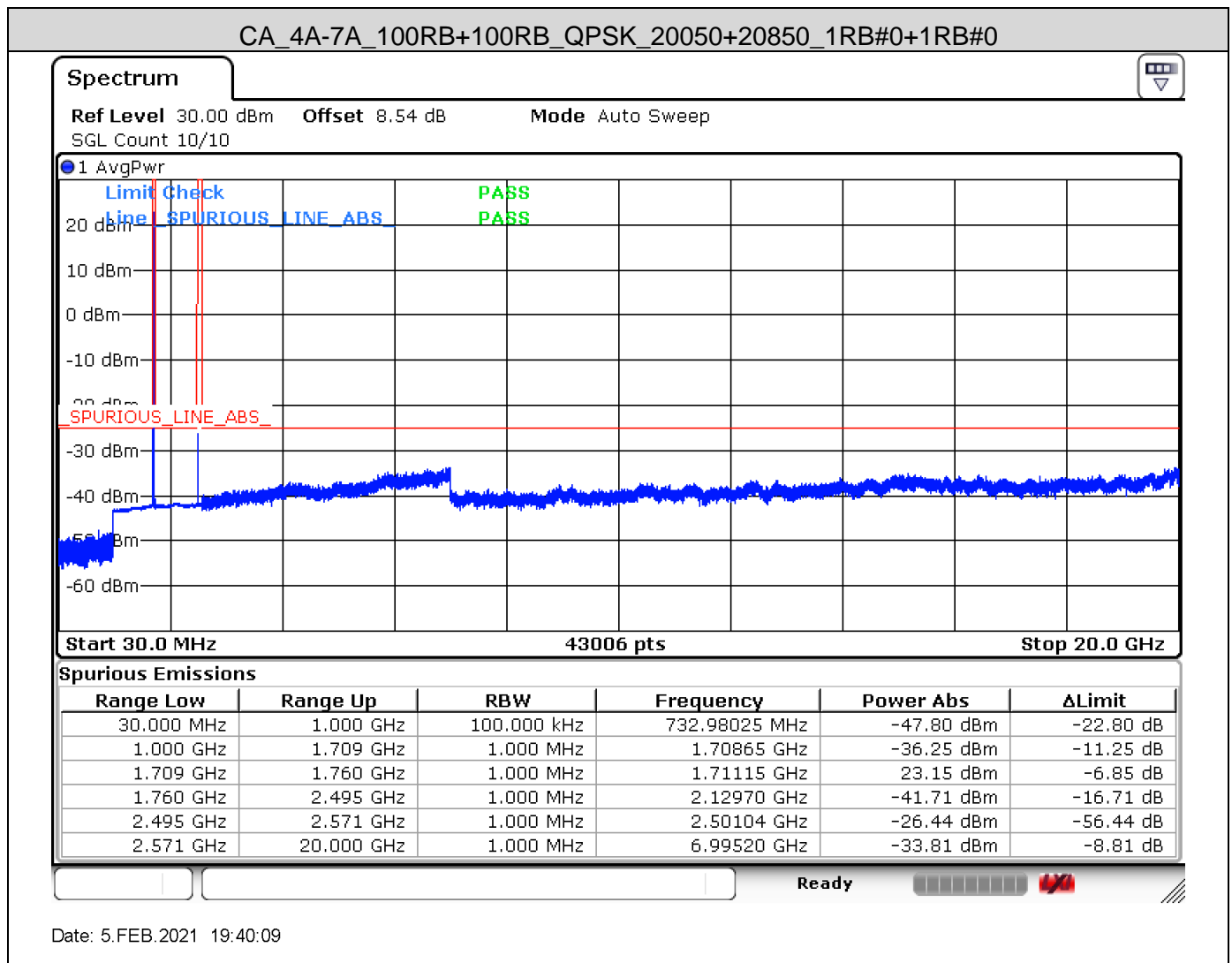
### 3 Spurious Emission at Antenna Terminal

NOTE: 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 =  $k \cdot (\text{Span} / \text{RBW})$ " with  $k$  between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Part I - Test Plots

#### 3.1 For LTE

##### 3.1.1 Test Band = LTE Band CA\_4A-7A

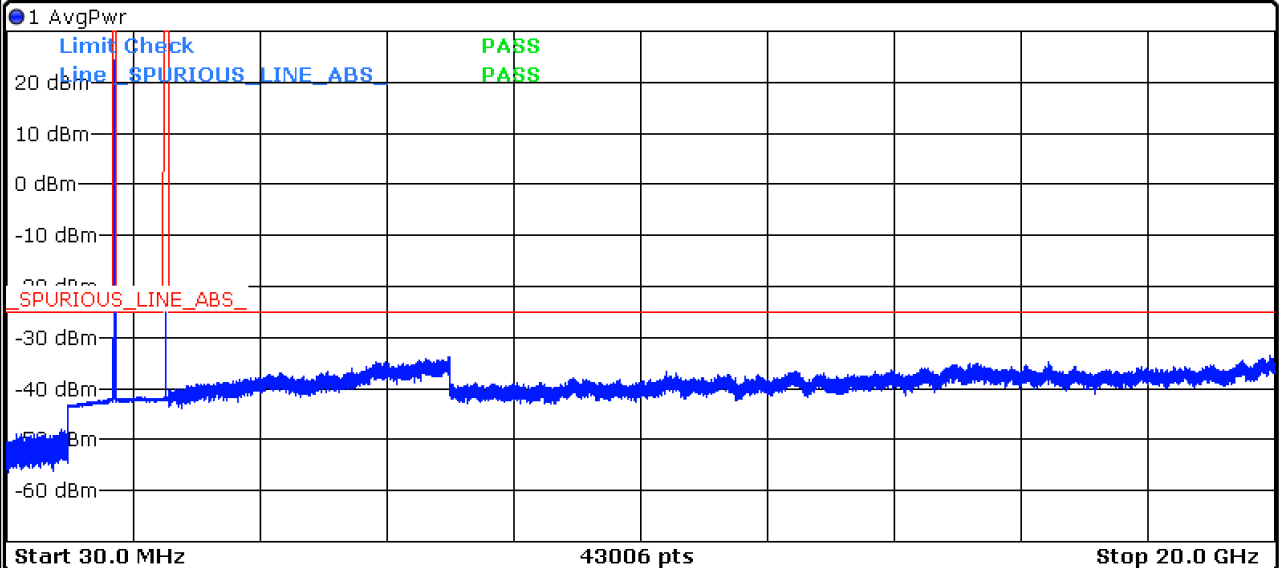




CA\_4A-7A\_100RB+100RB\_QPSK\_20175+20525\_1RB#0+1RB#0

Spectrum

Ref Level 30.00 dBm Offset 8.54 dB Mode Auto Sweep  
SGL Count 10/10



Spurious Emissions

| Range Low  | Range Up   | RBW         | Frequency     | Power Abs  | ΔLimit    |
|------------|------------|-------------|---------------|------------|-----------|
| 30.000 MHz | 1.000 GHz  | 100.000 kHz | 900.52681 MHz | -48.10 dBm | -23.10 dB |
| 1.000 GHz  | 1.709 GHz  | 1.000 MHz   | 1.70581 GHz   | -30.18 dBm | -5.18 dB  |
| 1.709 GHz  | 1.760 GHz  | 1.000 MHz   | 1.72367 GHz   | 24.43 dBm  | -5.57 dB  |
| 1.760 GHz  | 2.495 GHz  | 1.000 MHz   | 2.11428 GHz   | -41.60 dBm | -16.60 dB |
| 2.495 GHz  | 2.571 GHz  | 1.000 MHz   | 2.52609 GHz   | -23.52 dBm | -53.52 dB |
| 2.571 GHz  | 20.000 GHz | 1.000 MHz   | 19.92477 GHz  | -33.60 dBm | -8.60 dB  |

Ready

Date: 5.FEB.2021 19:45:18



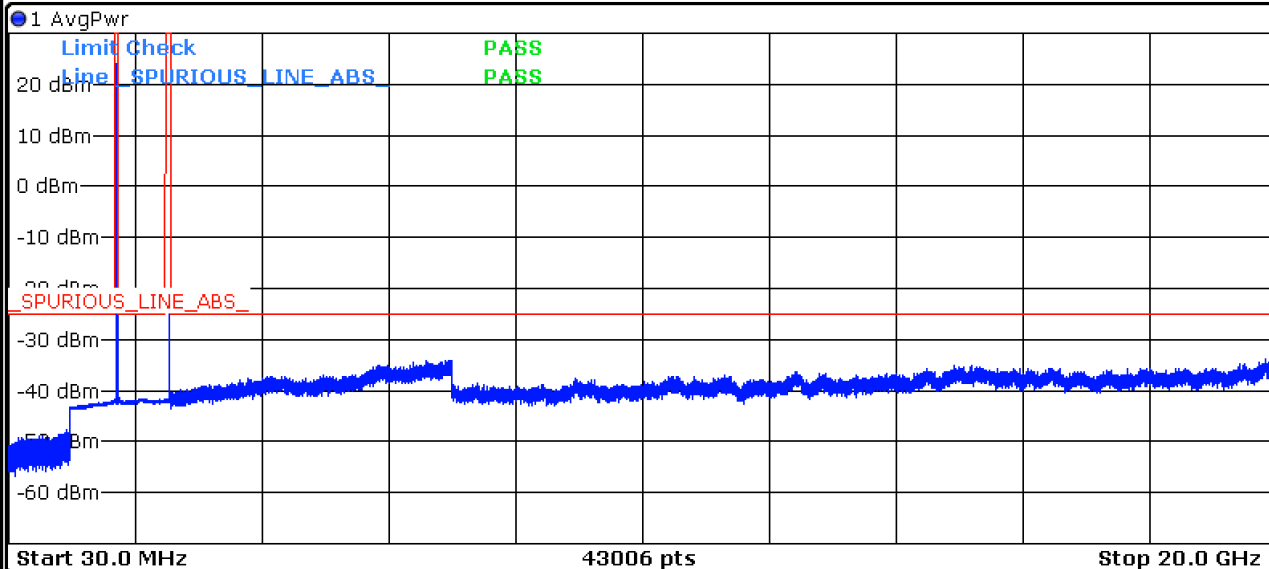




CA\_4A-7A\_100RB+100RB\_QPSK\_20300+21350\_1RB#0+1RB#0

Spectrum

Ref Level 30.00 dBm Offset 8.54 dB Mode Auto Sweep  
SGL Count 10/10



Spurious Emissions

| Range Low  | Range Up   | RBW         | Frequency     | Power Abs  | ΔLimit    |
|------------|------------|-------------|---------------|------------|-----------|
| 30.000 MHz | 1.000 GHz  | 100.000 kHz | 931.92663 MHz | -47.64 dBm | -22.64 dB |
| 1.000 GHz  | 1.709 GHz  | 1.000 MHz   | 1.70652 GHz   | -42.00 dBm | -17.00 dB |
| 1.709 GHz  | 1.760 GHz  | 1.000 MHz   | 1.73613 GHz   | 24.07 dBm  | -5.93 dB  |
| 1.760 GHz  | 2.495 GHz  | 1.000 MHz   | 1.77138 GHz   | -41.42 dBm | -16.42 dB |
| 2.495 GHz  | 2.571 GHz  | 1.000 MHz   | 2.55115 GHz   | -21.79 dBm | -51.79 dB |
| 2.571 GHz  | 20.000 GHz | 1.000 MHz   | 19.91896 GHz  | -33.62 dBm | -8.62 dB  |

Ready

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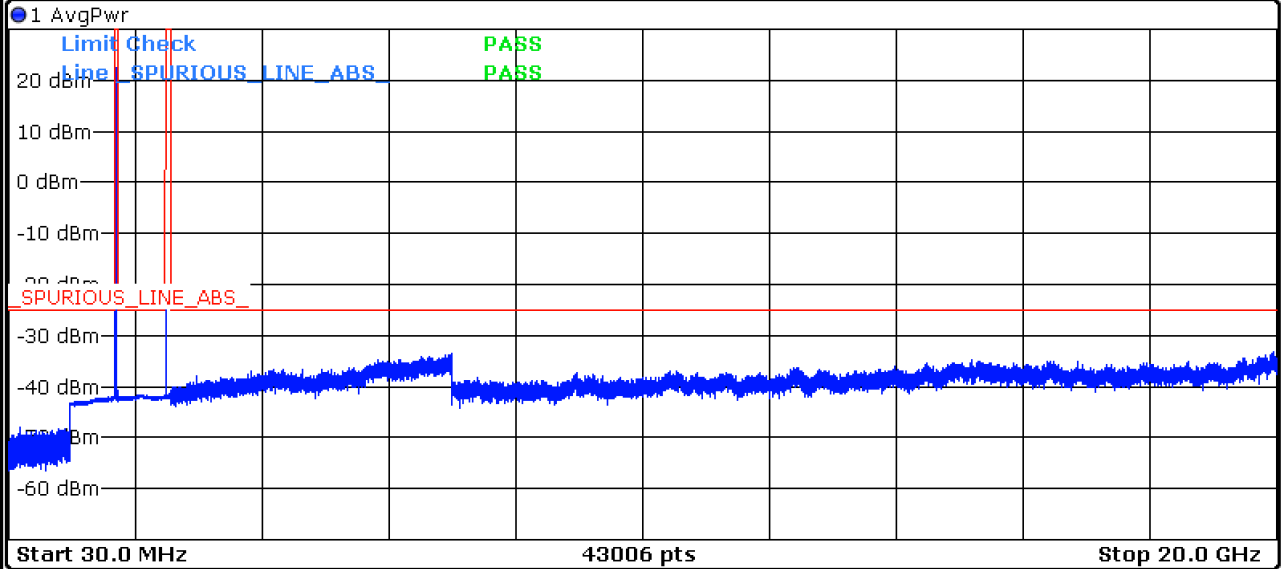
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CA\_4A-7A\_100RB+100RB\_16QAM\_20050+20850\_1RB#0+1RB#0

**Spectrum**

Ref Level 30.00 dBm Offset 8.54 dB Mode Auto Sweep  
SGL Count 8/10



| Spurious Emissions |            |             |               |            |           |
|--------------------|------------|-------------|---------------|------------|-----------|
| Range Low          | Range Up   | RBW         | Frequency     | Power Abs  | ΔLimit    |
| 30.000 MHz         | 1.000 GHz  | 100.000 kHz | 206.94226 MHz | -47.63 dBm | -22.63 dB |
| 1.000 GHz          | 1.709 GHz  | 1.000 MHz   | 1.70865 GHz   | -36.95 dBm | -11.95 dB |
| 1.709 GHz          | 1.760 GHz  | 1.000 MHz   | 1.71118 GHz   | 23.07 dBm  | -6.93 dB  |
| 1.760 GHz          | 2.495 GHz  | 1.000 MHz   | 2.15100 GHz   | -41.64 dBm | -16.64 dB |
| 2.495 GHz          | 2.571 GHz  | 1.000 MHz   | 2.50111 GHz   | -21.36 dBm | -51.36 dB |
| 2.571 GHz          | 20.000 GHz | 1.000 MHz   | 19.95207 GHz  | -33.33 dBm | -8.33 dB  |

Date: 5.FEB.2021 19:40:41



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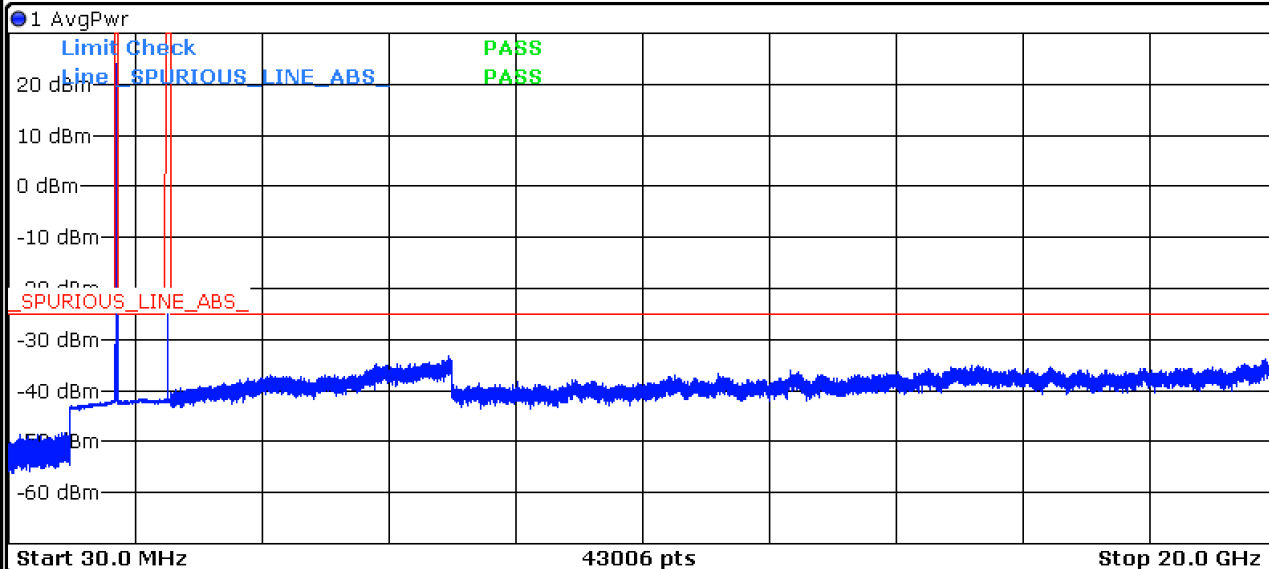
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CA\_4A-7A\_100RB+100RB\_16QAM\_20175+20525\_1RB#0+1RB#0

Spectrum

Ref Level 30.00 dBm Offset 8.54 dB Mode Auto Sweep  
SGL Count 10/10



Spurious Emissions

| Range Low  | Range Up   | RBW         | Frequency     | Power Abs  | ΔLimit    |
|------------|------------|-------------|---------------|------------|-----------|
| 30.000 MHz | 1.000 GHz  | 100.000 kHz | 908.52831 MHz | -48.17 dBm | -23.17 dB |
| 1.000 GHz  | 1.709 GHz  | 1.000 MHz   | 1.70581 GHz   | -30.82 dBm | -5.82 dB  |
| 1.709 GHz  | 1.760 GHz  | 1.000 MHz   | 1.72369 GHz   | 24.11 dBm  | -5.89 dB  |
| 1.760 GHz  | 2.495 GHz  | 1.000 MHz   | 2.16274 GHz   | -41.67 dBm | -16.67 dB |
| 2.495 GHz  | 2.571 GHz  | 1.000 MHz   | 2.52609 GHz   | -20.75 dBm | -50.75 dB |
| 2.571 GHz  | 20.000 GHz | 1.000 MHz   | 6.96383 GHz   | -33.26 dBm | -8.26 dB  |

Measuring...

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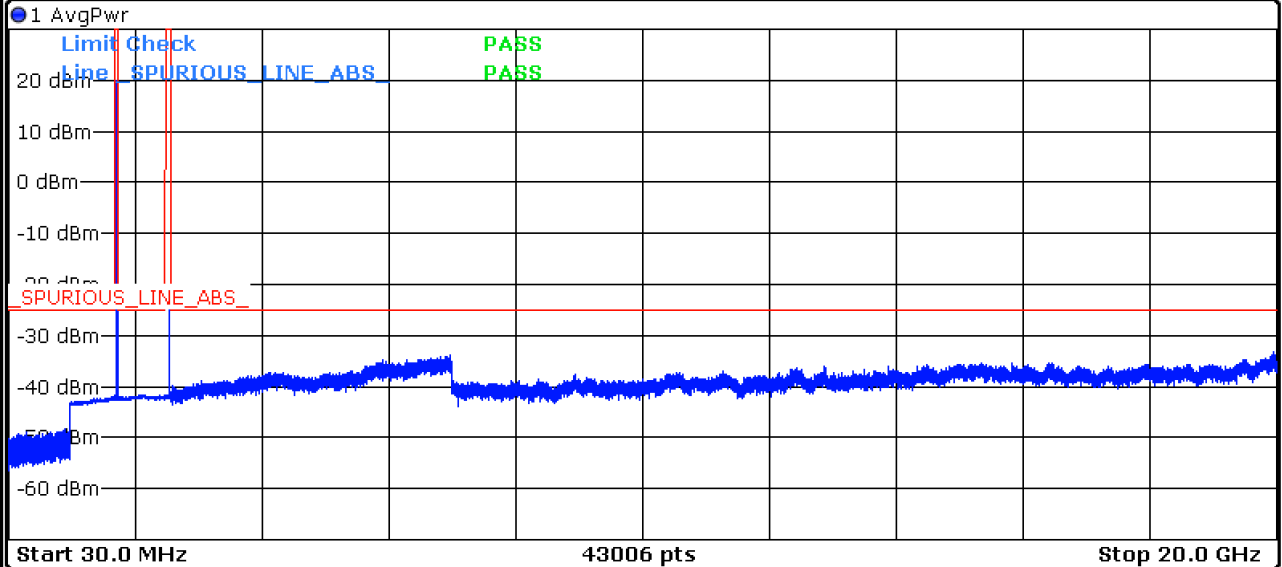
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CA\_4A-7A\_100RB+100RB\_16QAM\_20300+21350\_1RB#0+1RB#0

Spectrum

Ref Level 30.00 dBm Offset 8.54 dB Mode Auto Sweep  
SGL Count 10/10



Spurious Emissions

| Range Low  | Range Up   | RBW         | Frequency     | Power Abs  | ΔLimit    |
|------------|------------|-------------|---------------|------------|-----------|
| 30.000 MHz | 1.000 GHz  | 100.000 kHz | 908.77078 MHz | -48.38 dBm | -23.38 dB |
| 1.000 GHz  | 1.709 GHz  | 1.000 MHz   | 1.70865 GHz   | -41.99 dBm | -16.99 dB |
| 1.709 GHz  | 1.760 GHz  | 1.000 MHz   | 1.73608 GHz   | 19.92 dBm  | -10.08 dB |
| 1.760 GHz  | 2.495 GHz  | 1.000 MHz   | 2.15393 GHz   | -41.66 dBm | -16.66 dB |
| 2.495 GHz  | 2.571 GHz  | 1.000 MHz   | 2.55099 GHz   | -23.85 dBm | -53.85 dB |
| 2.571 GHz  | 20.000 GHz | 1.000 MHz   | 19.93929 GHz  | -33.32 dBm | -8.32 dB  |

Ready

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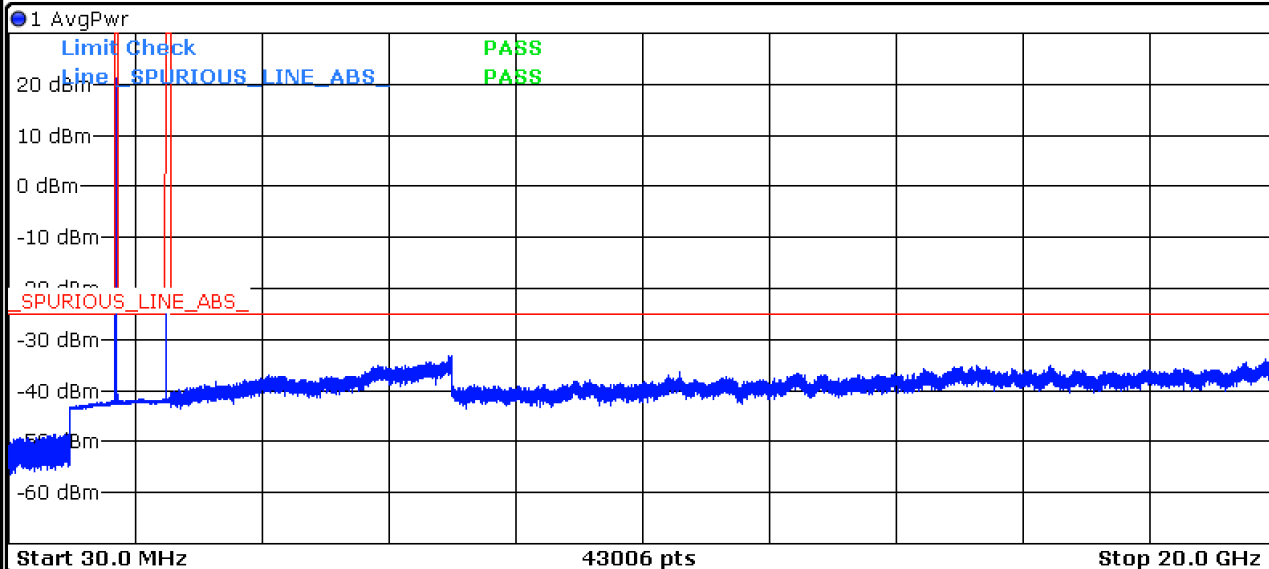




CA\_4A-7A\_100RB+100RB\_64QAM\_20050+20850\_1RB#0+1RB#0

Spectrum

Ref Level 30.00 dBm Offset 8.54 dB Mode Auto Sweep  
SGL Count 10/10



Spurious Emissions

| Range Low  | Range Up   | RBW         | Frequency     | Power Abs  | ΔLimit    |
|------------|------------|-------------|---------------|------------|-----------|
| 30.000 MHz | 1.000 GHz  | 100.000 kHz | 752.74153 MHz | -48.64 dBm | -23.64 dB |
| 1.000 GHz  | 1.709 GHz  | 1.000 MHz   | 1.70865 GHz   | -37.18 dBm | -12.18 dB |
| 1.709 GHz  | 1.760 GHz  | 1.000 MHz   | 1.71103 GHz   | 21.45 dBm  | -8.55 dB  |
| 1.760 GHz  | 2.495 GHz  | 1.000 MHz   | 2.13484 GHz   | -41.70 dBm | -16.70 dB |
| 2.495 GHz  | 2.571 GHz  | 1.000 MHz   | 2.50111 GHz   | -23.03 dBm | -53.03 dB |
| 2.571 GHz  | 20.000 GHz | 1.000 MHz   | 6.99753 GHz   | -33.28 dBm | -8.28 dB  |

Ready

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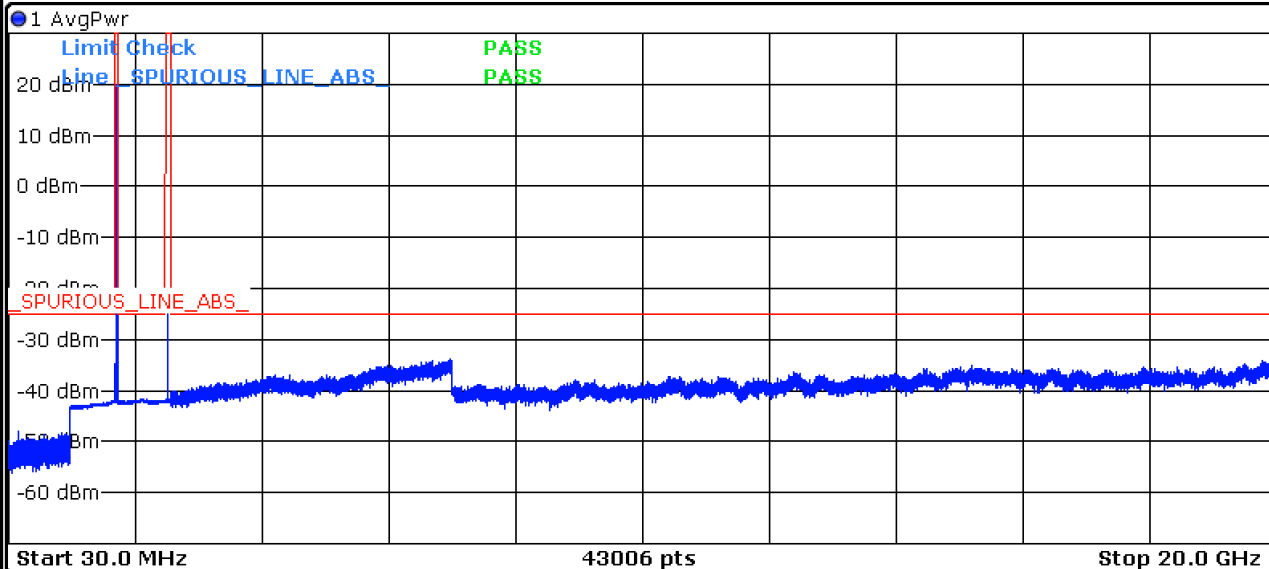
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CA\_4A-7A\_100RB+100RB\_64QAM\_20175+20525\_1RB#0+1RB#0

Spectrum

Ref Level 30.00 dBm Offset 8.54 dB Mode Auto Sweep  
SGL Count 10/10



Spurious Emissions

| Range Low  | Range Up   | RBW         | Frequency     | Power Abs  | ΔLimit    |
|------------|------------|-------------|---------------|------------|-----------|
| 30.000 MHz | 1.000 GHz  | 100.000 kHz | 185.60492 MHz | -48.13 dBm | -23.13 dB |
| 1.000 GHz  | 1.709 GHz  | 1.000 MHz   | 1.70581 GHz   | -34.92 dBm | -9.92 dB  |
| 1.709 GHz  | 1.760 GHz  | 1.000 MHz   | 1.72362 GHz   | 19.96 dBm  | -10.04 dB |
| 1.760 GHz  | 2.495 GHz  | 1.000 MHz   | 2.14439 GHz   | -41.63 dBm | -16.63 dB |
| 2.495 GHz  | 2.571 GHz  | 1.000 MHz   | 2.52617 GHz   | -25.02 dBm | -55.02 dB |
| 2.571 GHz  | 20.000 GHz | 1.000 MHz   | 19.93871 GHz  | -33.40 dBm | -8.40 dB  |

Ready

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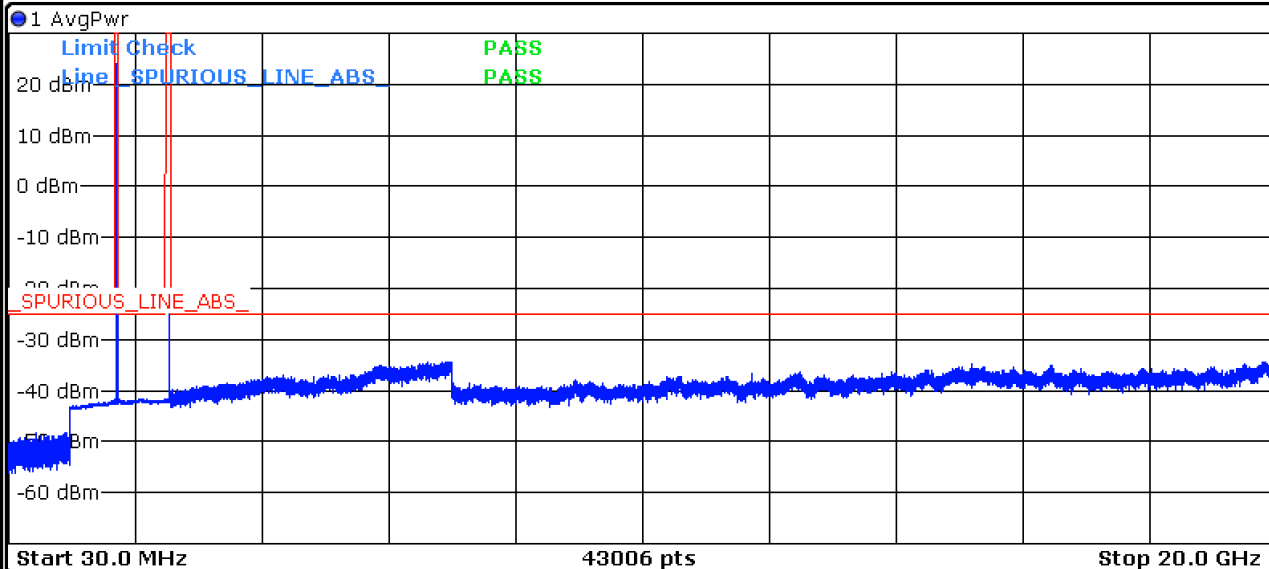
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Spectrum

Ref Level 30.00 dBm Offset 8.54 dB Mode Auto Sweep  
SGL Count 10/10



Spurious Emissions

| Range Low  | Range Up   | RBW         | Frequency     | Power Abs  | ΔLimit    |
|------------|------------|-------------|---------------|------------|-----------|
| 30.000 MHz | 1.000 GHz  | 100.000 kHz | 468.08211 MHz | -48.26 dBm | -23.26 dB |
| 1.000 GHz  | 1.709 GHz  | 1.000 MHz   | 1.70085 GHz   | -42.02 dBm | -17.02 dB |
| 1.709 GHz  | 1.760 GHz  | 1.000 MHz   | 1.73603 GHz   | 23.97 dBm  | -6.03 dB  |
| 1.760 GHz  | 2.495 GHz  | 1.000 MHz   | 1.77138 GHz   | -41.64 dBm | -16.64 dB |
| 2.495 GHz  | 2.571 GHz  | 1.000 MHz   | 2.55115 GHz   | -20.02 dBm | -50.02 dB |
| 2.571 GHz  | 20.000 GHz | 1.000 MHz   | 19.95730 GHz  | -33.43 dBm | -8.43 dB  |

Ready

Date: 5.FEB.2021 19:47:03



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## 4 Field Strength of Spurious Radiation

### 3.1. Test Band = CA\_4A-7A\_TM1 ANT 2

#### 3.1.1. Test Channel = Low Channel

| Suspected Data List |                |                  |                |                |                |            |
|---------------------|----------------|------------------|----------------|----------------|----------------|------------|
| NO.                 | Freq.<br>[MHz] | Reading<br>[dBm] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity   |
| 1                   | 44.3082        | -70.08           | -63.10         | -25.00         | 38.10          | Horizontal |
| 2                   | 225.8528       | -72.91           | -70.83         | -25.00         | 45.83          | Horizontal |
| 3                   | 729.2110       | -71.68           | -62.40         | -25.00         | 37.40          | Horizontal |
| 4                   | 7473.7790      | -58.14           | -58.16         | -25.00         | 33.16          | Horizontal |
| 5                   | 16386.535      | -60.47           | -46.26         | -25.00         | 21.26          | Horizontal |
| 6                   | 17998.800      | -59.68           | -46.57         | -25.00         | 21.57          | Horizontal |



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### 3.2. Test Band = CA\_4A-7A\_TM1 ANT 2

#### 3.2.1. Test Channel = Low Channel

| Suspected Data List |                |                  |                |                |                |          |
|---------------------|----------------|------------------|----------------|----------------|----------------|----------|
| NO.                 | Freq.<br>[MHz] | Reading<br>[dBm] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity |
| 1                   | 67.5409        | -71.33           | -69.84         | -25.00         | 44.84          | Vertical |
| 2                   | 110.8050       | -71.72           | -65.38         | -25.00         | 40.38          | Vertical |
| 3                   | 790.7120       | -71.99           | -62.32         | -25.00         | 37.32          | Vertical |
| 4                   | 7450.3780      | -58.37           | -58.05         | -25.00         | 33.05          | Vertical |
| 5                   | 14670.466      | -62.09           | -50.10         | -25.00         | 25.10          | Vertical |
| 6                   | 17993.399      | -60.16           | -42.45         | -25.00         | 17.45          | Vertical |



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### 3.3. Test Band = CA\_4A-7A\_TM1 ANT 2

#### 3.3.1. Test Channel = Mid Channel

| Suspected Data List |                |                  |                |                |                |            |
|---------------------|----------------|------------------|----------------|----------------|----------------|------------|
| NO.                 | Freq.<br>[MHz] | Reading<br>[dBm] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity   |
| 1                   | 44.9872        | -69.57           | -62.55         | -25.00         | 37.55          | Horizontal |
| 2                   | 231.4791       | -72.44           | -69.62         | -25.00         | 44.62          | Horizontal |
| 3                   | 744.2952       | -71.52           | -61.75         | -25.00         | 36.75          | Horizontal |
| 4                   | 7459.9784      | -58.61           | -58.63         | -25.00         | 33.63          | Horizontal |
| 5                   | 16384.735      | -60.48           | -46.30         | -25.00         | 21.30          | Horizontal |
| 6                   | 17985.599      | -58.83           | -46.05         | -25.00         | 21.05          | Horizontal |



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### 3.4. Test Band = CA\_4A-7A\_TM1 ANT 2

#### 3.4.1. Test Channel = Mid Channel

| Suspected Data List |                |                  |                |                |                |          |
|---------------------|----------------|------------------|----------------|----------------|----------------|----------|
| NO.                 | Freq.<br>[MHz] | Reading<br>[dBm] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity |
| 1                   | 66.9103        | -70.79           | -69.33         | -25.00         | 44.33          | Vertical |
| 2                   | 114.3942       | -71.51           | -65.49         | -25.00         | 40.49          | Vertical |
| 3                   | 749.4365       | -71.45           | -61.82         | -25.00         | 36.82          | Vertical |
| 4                   | 7451.5781      | -58.32           | -58.01         | -25.00         | 33.01          | Vertical |
| 5                   | 14455.058      | -62.25           | -50.10         | -25.00         | 25.10          | Vertical |
| 6                   | 17981.399      | -59.78           | -42.37         | -25.00         | 17.37          | Vertical |



### 3.5. Test Band = CA\_4A-7A\_TM1 ANT 2

#### 3.5.1. Test Channel = High Channel

| Suspected Data List |                |                  |                |                |                |            |
|---------------------|----------------|------------------|----------------|----------------|----------------|------------|
| NO.                 | Freq.<br>[MHz] | Reading<br>[dBm] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity   |
| 1                   | 42.0771        | -70.79           | -63.92         | -25.00         | 38.92          | Horizontal |
| 2                   | 234.8742       | -72.05           | -69.24         | -25.00         | 44.24          | Horizontal |
| 3                   | 639.3845       | -71.00           | -63.18         | -25.00         | 38.18          | Horizontal |
| 4                   | 7434.7774      | -58.29           | -58.33         | -25.00         | 33.33          | Horizontal |
| 5                   | 16393.735      | -60.48           | -46.14         | -25.00         | 21.14          | Horizontal |
| 6                   | 17996.999      | -60.11           | -47.05         | -25.00         | 22.05          | Horizontal |





### 3.6. Test Band = CA\_4A-7A\_TM1 ANT 2

#### 3.6.1. Test Channel = High Channel

| Suspected Data List |                |                  |                |                |                |          |
|---------------------|----------------|------------------|----------------|----------------|----------------|----------|
| NO.                 | Freq.<br>[MHz] | Reading<br>[dBm] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity |
| 1                   | 78.5994        | -70.58           | -68.84         | -25.00         | 43.84          | Vertical |
| 2                   | 109.3015       | -71.61           | -65.36         | -25.00         | 40.36          | Vertical |
| 3                   | 771.2141       | -71.58           | -61.92         | -25.00         | 36.92          | Vertical |
| 4                   | 7343.5737      | -58.59           | -58.08         | -25.00         | 33.08          | Vertical |
| 5                   | 14473.058      | -62.39           | -50.10         | -25.00         | 25.10          | Vertical |
| 6                   | 17991.599      | -59.46           | -41.79         | -25.00         | 16.79          | Vertical |

**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 and above 18GHz 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.

The End

