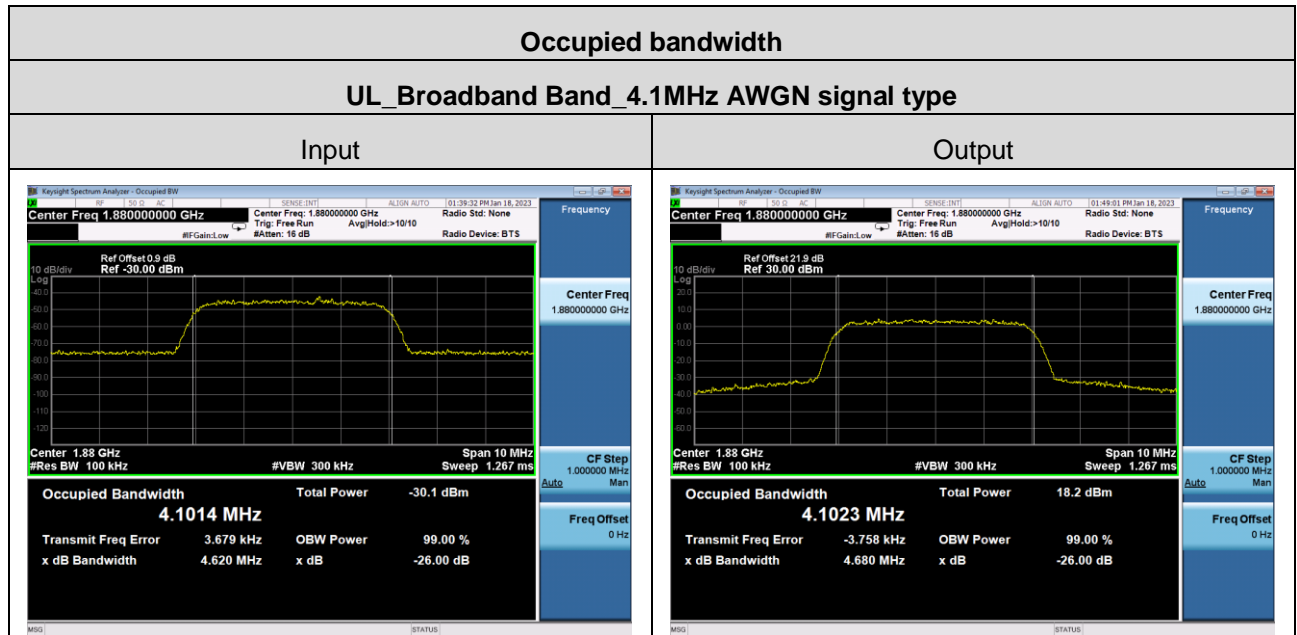


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## 11 Oscillation detection

| Oscillation Restart Tests |               |                    |           |                         |                  |           |                   |       |         |
|---------------------------|---------------|--------------------|-----------|-------------------------|------------------|-----------|-------------------|-------|---------|
| Path                      | Band          | Detection Time (s) | Limit (s) | Oscillation Level (dBm) | Restart Time (s) | Limit (s) | Number of Restart | Limit | Verdict |
| DL                        | 700MHz        | 0.205              | ≤1        | 19.70                   | 61.45            | ≥60       | 5                 | ≤5    | PASS    |
|                           | Cellular      | 0.265              |           | 19.75                   | 61.47            |           | 5                 |       | PASS    |
|                           | AWS-1         | 0.060              |           | 22.21                   | 63.39            |           | 4                 |       | PASS    |
|                           | Broadband PCS | 0.275              |           | 24.28                   | 62.27            |           | 4                 |       | PASS    |
| UL                        | Lower 700MHz  | 0.225              | ≤0.3      | 20.57                   | 60.99            | ≥60       | 4                 | ≤5    | PASS    |
|                           | Upper 700MHz  | 0.080              |           | 20.40                   | 61.39            |           | 5                 |       | PASS    |
|                           | Cellular      | 0.175              |           | 9.52                    | 61.15            |           | 4                 |       | PASS    |
|                           | AWS-1         | 0.115              |           | 19.21                   | 61.87            |           | 5                 |       | PASS    |
|                           | Broadband PCS | 0.075              |           | 21.97                   | 61.07            |           | 4                 |       | PASS    |



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| Oscillation Mitigation or Shutdown |        |                |                     |                    |                 |            |         |      |
|------------------------------------|--------|----------------|---------------------|--------------------|-----------------|------------|---------|------|
| Path                               | Band   | Isolation (dB) | Oscillation Level   |                    |                 | Limit (dB) | Verdict |      |
|                                    |        |                | Highest level (dBm) | Lowest level (dBm) | Difference (dB) |            |         |      |
| DL                                 | 700MHz | 67.6           | 14.73               | 9.73               | 5.00            | ≤12        | PASS    |      |
|                                    |        | 66.6           | 19.34               | 12.84              | 6.50            |            | PASS    |      |
|                                    |        | 65.6           | (shutdown)          |                    |                 |            | PASS    |      |
|                                    |        | 64.6           |                     |                    |                 |            | PASS    |      |
|                                    |        | 63.6           |                     |                    |                 |            | PASS    |      |
|                                    |        | 62.6           |                     |                    |                 |            | PASS    |      |
|                                    |        | 61.6           |                     |                    |                 |            | PASS    |      |
|                                    |        | 60.6           |                     |                    |                 |            | PASS    |      |
|                                    |        | 59.6           |                     |                    |                 |            | PASS    |      |
|                                    |        | 58.6           |                     |                    |                 |            | PASS    |      |
|                                    |        | 57.6           |                     |                    |                 |            | PASS    |      |
|                                    |        | Cellular       |                     |                    |                 |            | 68.8    | 9.73 |
|                                    | 67.8   |                | 17.73               | 13.28              | 4.45            | PASS       |         |      |
|                                    | 66.8   |                | 12.63               | 11.11              | 1.52            | PASS       |         |      |
|                                    | 65.8   |                | 16.73               | 9.97               | 6.76            | PASS       |         |      |
|                                    | 64.8   |                | 19.53               | 14.25              | 5.28            | PASS       |         |      |
|                                    | 63.8   |                | (shutdown)          |                    |                 |            | PASS    |      |
|                                    | 62.8   |                |                     |                    |                 |            | PASS    |      |
|                                    | 61.8   |                |                     |                    |                 |            | PASS    |      |
|                                    | 60.8   |                |                     |                    |                 |            | PASS    |      |
|                                    | 59.8   |                |                     |                    |                 |            | PASS    |      |
|                                    | 58.8   | PASS           |                     |                    |                 |            |         |      |



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| Oscillation Mitigation or Shutdown |               |                |                     |                    |                 |            |         |  |
|------------------------------------|---------------|----------------|---------------------|--------------------|-----------------|------------|---------|--|
| Path                               | Band          | Isolation (dB) | Oscillation Level   |                    |                 | Limit (dB) | Verdict |  |
|                                    |               |                | Highest level (dBm) | Lowest level (dBm) | Difference (dB) |            |         |  |
| DL                                 | AWS-1         | 75.9           | 7.83                | 5.73               | 2.10            | ≤12        | PASS    |  |
|                                    |               | 74.9           | 9.73                | 7.84               | 1.89            |            | PASS    |  |
|                                    |               | 73.9           | 8.37                | 6.37               | 2.00            |            | PASS    |  |
|                                    |               | 72.9           | 11.32               | 9.83               | 1.49            |            | PASS    |  |
|                                    |               | 71.9           | 13.26               | 10.02              | 3.24            |            | PASS    |  |
|                                    |               | 70.9           | 17.73               | 13.24              | 4.49            |            | PASS    |  |
|                                    |               | 69.9           | 22.03               | 16.37              | 5.66            |            | PASS    |  |
|                                    |               | 68.9           | (shutdown)          |                    |                 |            | PASS    |  |
|                                    |               | 67.9           |                     |                    |                 |            | PASS    |  |
|                                    |               | 66.9           |                     |                    |                 |            | PASS    |  |
|                                    |               | 65.9           |                     |                    |                 |            | PASS    |  |
|                                    | Broadband PCS | 75.5           | 11.42               | 10.83              | 0.59            | ≤12        | PASS    |  |
|                                    |               | 74.5           | 13.24               | 9.83               | 3.41            |            | PASS    |  |
|                                    |               | 73.5           | 17.73               | 13.23              | 4.50            |            | PASS    |  |
|                                    |               | 72.5           | 24.00               | 18.92              | 5.08            |            | PASS    |  |
|                                    |               | 71.5           | (shutdown)          |                    |                 |            | PASS    |  |
|                                    |               | 70.5           |                     |                    |                 |            | PASS    |  |
|                                    |               | 69.5           |                     |                    |                 |            | PASS    |  |
|                                    |               | 68.5           |                     |                    |                 |            | PASS    |  |
|                                    |               | 67.5           |                     |                    |                 |            | PASS    |  |
|                                    |               | 66.5           |                     |                    |                 |            | PASS    |  |
|                                    |               | 65.5           |                     |                    |                 |            | PASS    |  |



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| Oscillation Mitigation or Shutdown |              |                |                     |                    |                 |            |         |  |
|------------------------------------|--------------|----------------|---------------------|--------------------|-----------------|------------|---------|--|
| Path                               | Band         | Isolation (dB) | Oscillation Level   |                    |                 | Limit (dB) | Verdict |  |
|                                    |              |                | Highest level (dBm) | Lowest level (dBm) | Difference (dB) |            |         |  |
| UL                                 | Lower 700MHz | 67.6           | 6.36                | 5.32               | 1.04            | ≤12        | PASS    |  |
|                                    |              | 66.6           | 8.73                | 5.35               | 3.38            |            | PASS    |  |
|                                    |              | 65.6           | 10.63               | 8.92               | 1.71            |            | PASS    |  |
|                                    |              | 64.6           | 14.83               | 10.19              | 4.64            |            | PASS    |  |
|                                    |              | 63.6           | 18.28               | 12.34              | 5.94            |            | PASS    |  |
|                                    |              | 62.6           | 20.11               | 16.37              | 3.74            |            | PASS    |  |
|                                    |              | 61.6           | (shutdown)          |                    |                 |            | PASS    |  |
|                                    |              | 60.6           |                     |                    |                 |            | PASS    |  |
|                                    |              | 59.6           |                     |                    |                 |            | PASS    |  |
|                                    |              | 58.6           |                     |                    |                 |            | PASS    |  |
|                                    |              | 57.6           |                     |                    |                 |            | PASS    |  |
|                                    | Upper 700MHz | 68.8           | 9.38                | 7.83               | 1.55            | ≤12        | PASS    |  |
|                                    |              | 67.8           | 11.32               | 9.43               | 1.89            |            | PASS    |  |
|                                    |              | 66.8           | 16.34               | 11.64              | 4.70            |            | PASS    |  |
|                                    |              | 65.8           | 20.35               | 16.38              | 3.97            |            | PASS    |  |
|                                    |              | 64.8           | (shutdown)          |                    |                 |            | PASS    |  |
|                                    |              | 63.8           |                     |                    |                 |            | PASS    |  |
|                                    |              | 62.8           |                     |                    |                 |            | PASS    |  |
|                                    |              | 61.8           |                     |                    |                 |            | PASS    |  |
|                                    |              | 60.8           |                     |                    |                 |            | PASS    |  |
|                                    |              | 59.8           |                     |                    |                 |            | PASS    |  |
|                                    |              | 58.8           |                     |                    |                 |            | PASS    |  |



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| Oscillation Mitigation or Shutdown |          |                |                     |                    |                 |            |         |       |
|------------------------------------|----------|----------------|---------------------|--------------------|-----------------|------------|---------|-------|
| Path                               | Band     | Isolation (dB) | Oscillation Level   |                    |                 | Limit (dB) | Verdict |       |
|                                    |          |                | Highest level (dBm) | Lowest level (dBm) | Difference (dB) |            |         |       |
| UL                                 | Cellular | 68.7           | 7.83                | 6.43               | 1.40            | ≤12        | PASS    |       |
|                                    |          | 67.7           | 9.18                | 7.11               | 2.07            |            | PASS    |       |
|                                    |          | 66.7           | (shutdown)          |                    |                 |            | PASS    |       |
|                                    |          | 65.7           |                     |                    |                 |            | PASS    |       |
|                                    |          | 64.7           |                     |                    |                 |            | PASS    |       |
|                                    |          | 63.7           |                     |                    |                 |            | PASS    |       |
|                                    |          | 62.7           |                     |                    |                 |            | PASS    |       |
|                                    |          | 61.7           |                     |                    |                 |            | PASS    |       |
|                                    |          | 60.7           |                     |                    |                 |            | PASS    |       |
|                                    |          | 59.7           |                     |                    |                 |            | PASS    |       |
|                                    |          | 58.7           |                     |                    |                 |            | PASS    |       |
|                                    |          | AWS-1          |                     |                    |                 |            | 75.8    | 11.21 |
|                                    | 74.8     |                | 14.56               | 11.54              | 3.02            | PASS       |         |       |
|                                    | 73.8     |                | 19.07               | 14.56              | 4.51            | PASS       |         |       |
|                                    | 72.8     |                | (shutdown)          |                    |                 |            | PASS    |       |
|                                    | 71.8     |                |                     |                    |                 |            | PASS    |       |
|                                    | 70.8     |                |                     |                    |                 |            | PASS    |       |
|                                    | 69.8     |                |                     |                    |                 |            | PASS    |       |
|                                    | 68.8     |                |                     |                    |                 |            | PASS    |       |
|                                    | 67.8     |                |                     |                    |                 |            | PASS    |       |
|                                    | 66.8     |                |                     |                    |                 |            | PASS    |       |
|                                    | 65.8     | PASS           |                     |                    |                 |            |         |       |



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| Oscillation Mitigation or Shutdown |               |                |                     |                    |                 |            |         |  |
|------------------------------------|---------------|----------------|---------------------|--------------------|-----------------|------------|---------|--|
| Path                               | Band          | Isolation (dB) | Oscillation Level   |                    |                 | Limit (dB) | Verdict |  |
|                                    |               |                | Highest level (dBm) | Lowest level (dBm) | Difference (dB) |            |         |  |
| UL                                 | Broadband PCS | 75.8           | 8.38                | 7.38               | 1.00            | ≤12        | PASS    |  |
|                                    |               | 74.8           | 11.73               | 11.28              | 0.45            |            | PASS    |  |
|                                    |               | 73.8           | 14.32               | 12.93              | 1.39            |            | PASS    |  |
|                                    |               | 72.8           | 15.34               | 14.34              | 1.00            |            | PASS    |  |
|                                    |               | 71.8           | 18.34               | 16.53              | 1.81            |            | PASS    |  |
|                                    |               | 70.8           | 21.65               | 20.37              | 1.28            |            | PASS    |  |
|                                    |               | 69.8           | (shutdown)          |                    |                 |            | PASS    |  |
|                                    |               | 68.8           |                     |                    |                 |            | PASS    |  |
|                                    |               | 67.8           |                     |                    |                 |            | PASS    |  |
|                                    |               | 66.8           |                     |                    |                 |            | PASS    |  |
|                                    |               | 65.8           |                     |                    |                 |            | PASS    |  |



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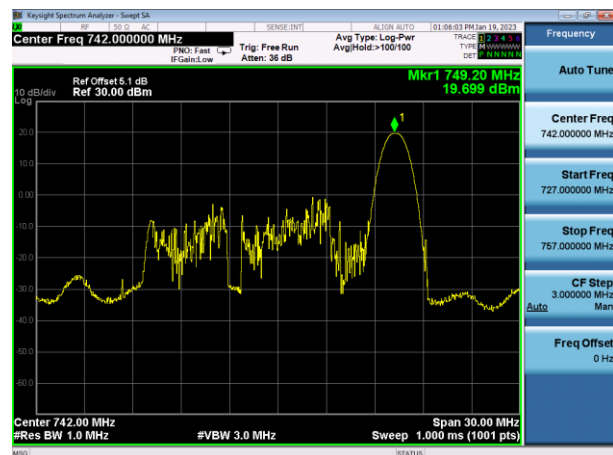
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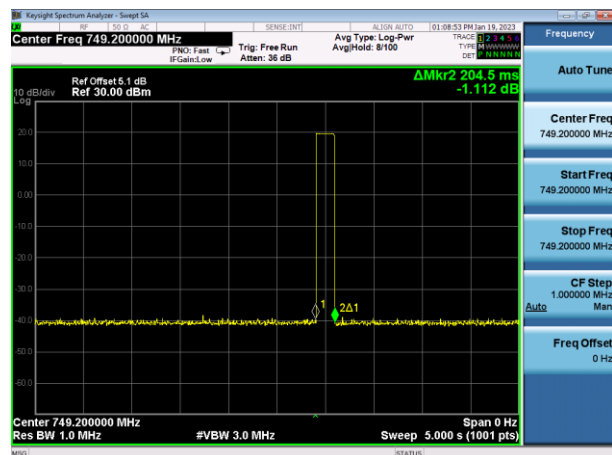
### Oscillation Restart Test

#### DL\_700MHz Band

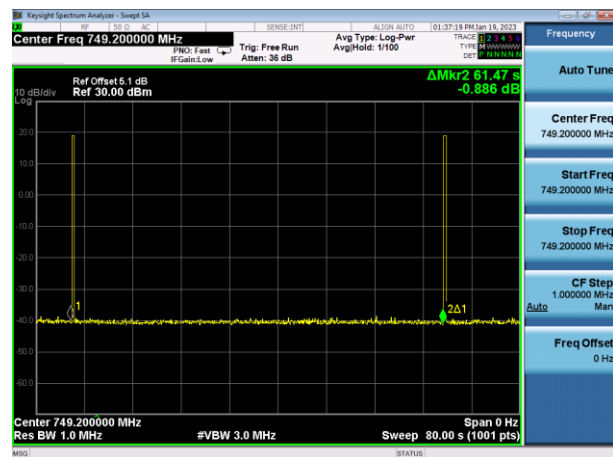
##### Oscillation Level



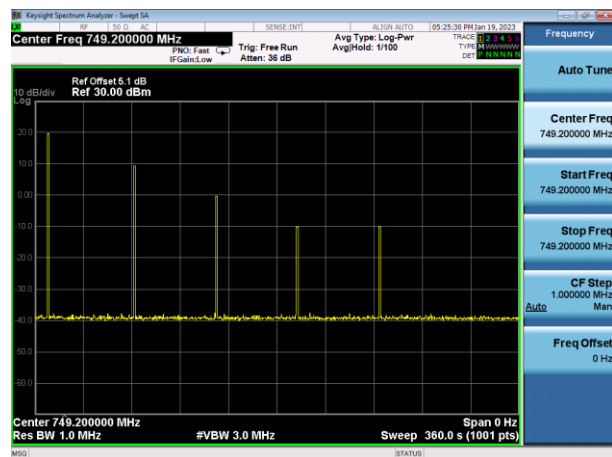
##### Detection time



##### Restart Time

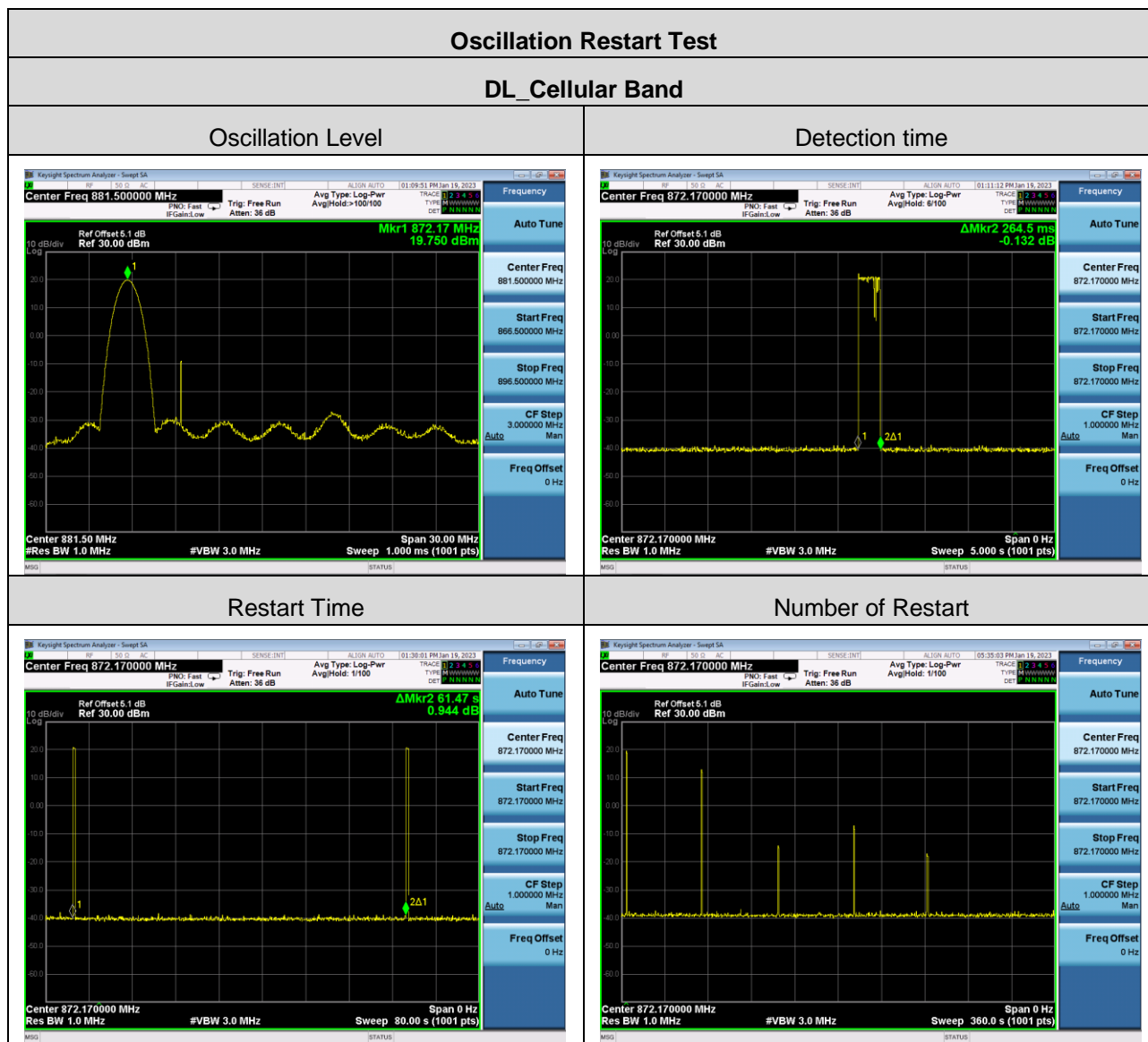


##### Number of Restart



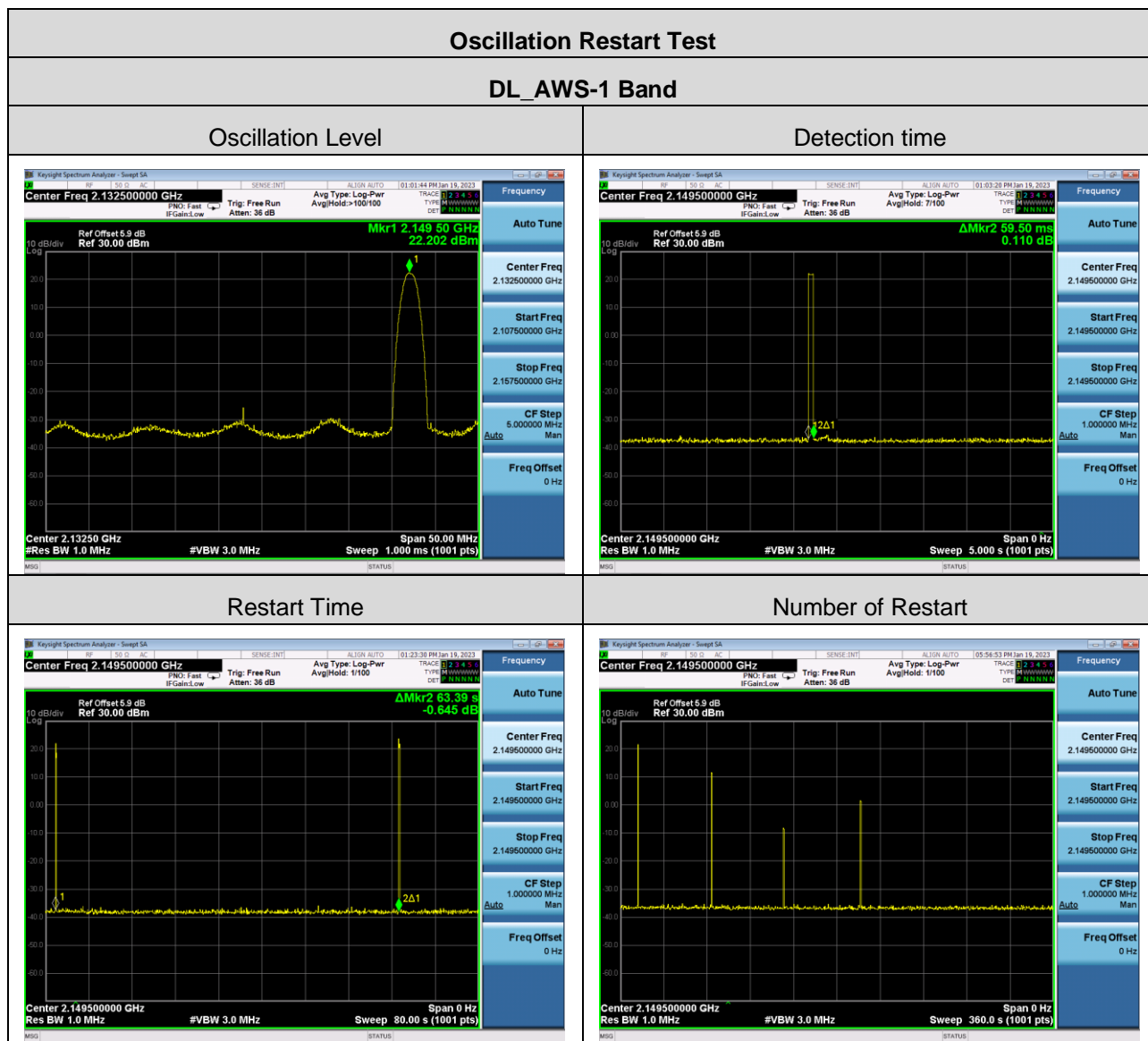
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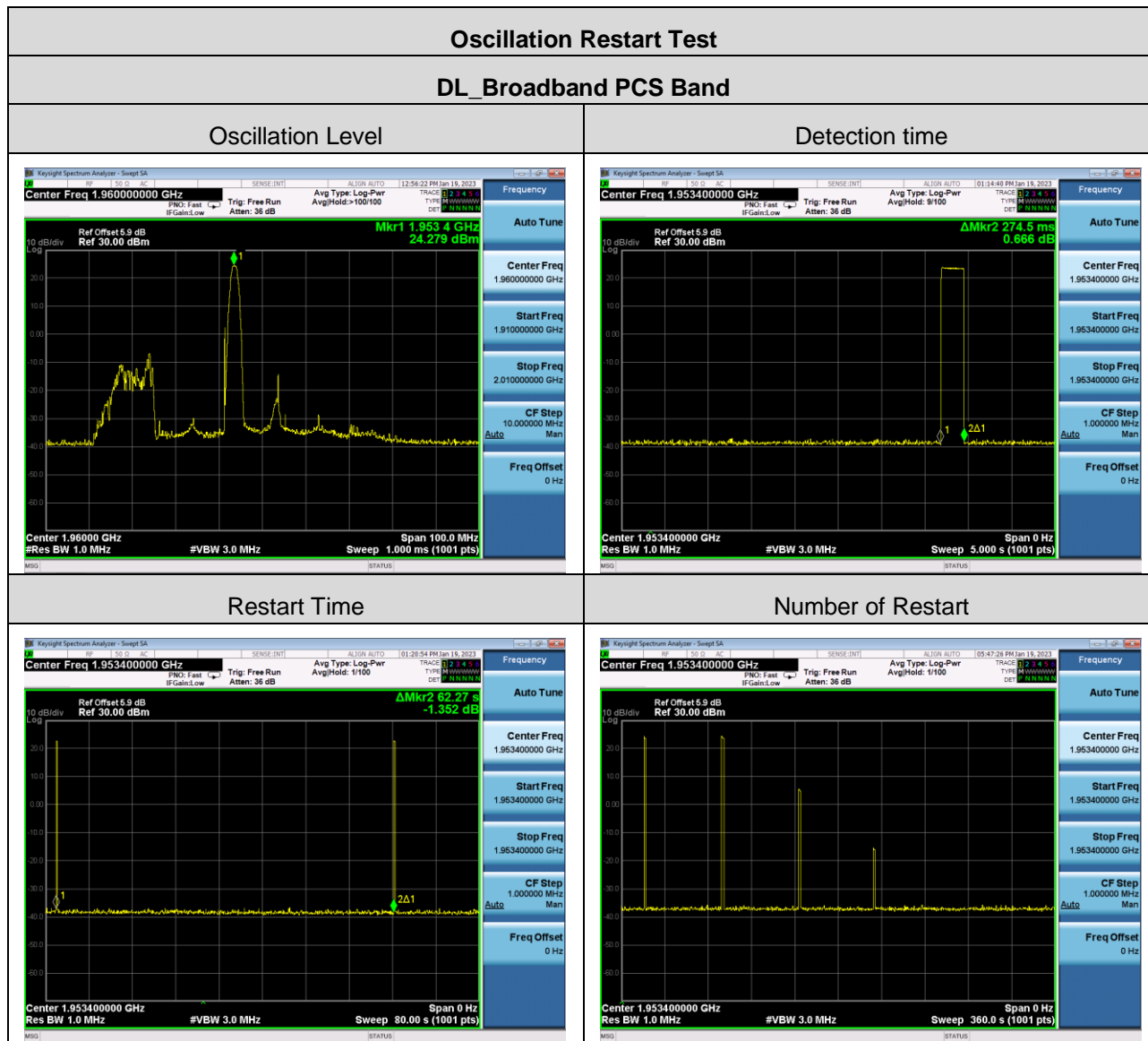
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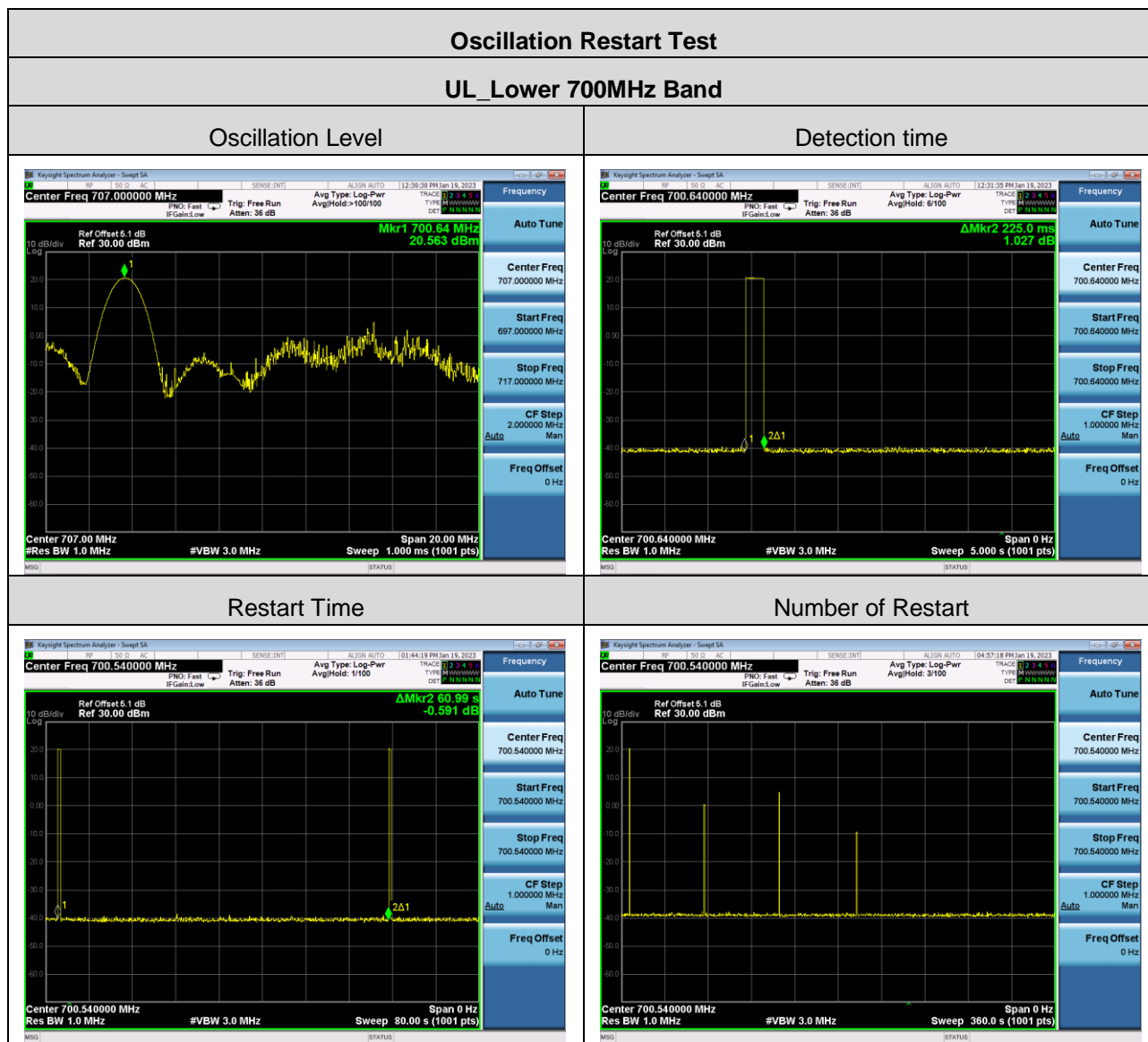
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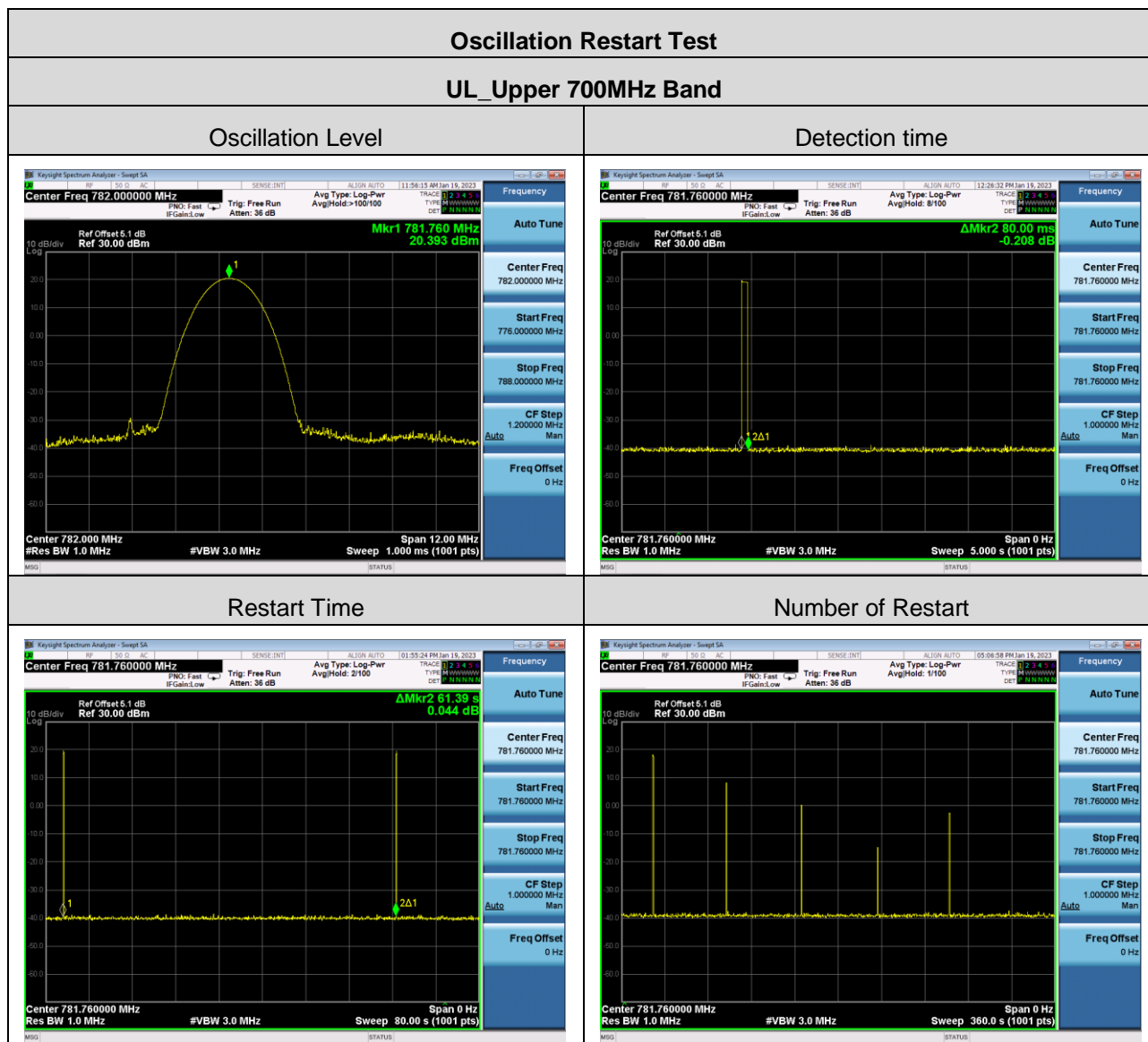
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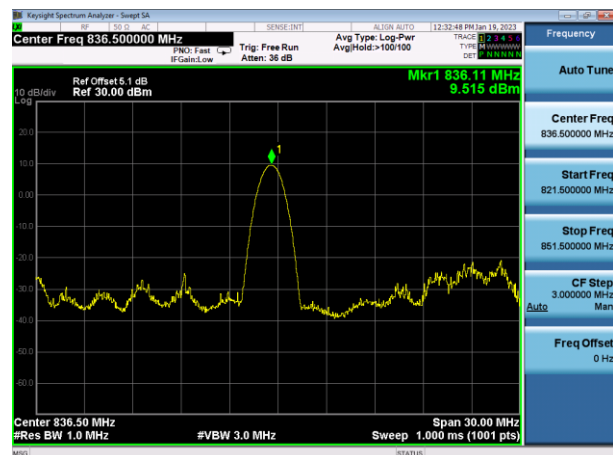
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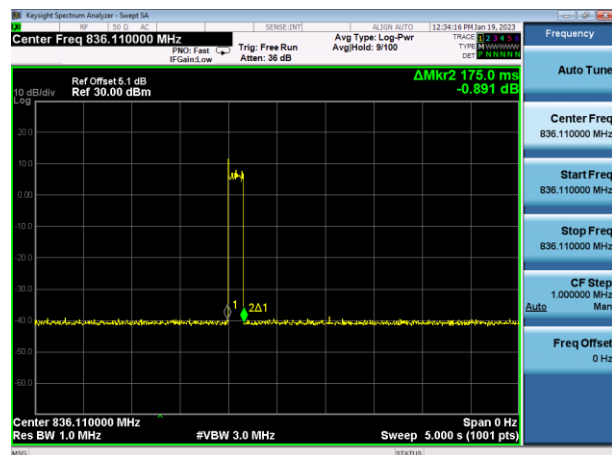
### Oscillation Restart Test

#### UL\_Cellular Band

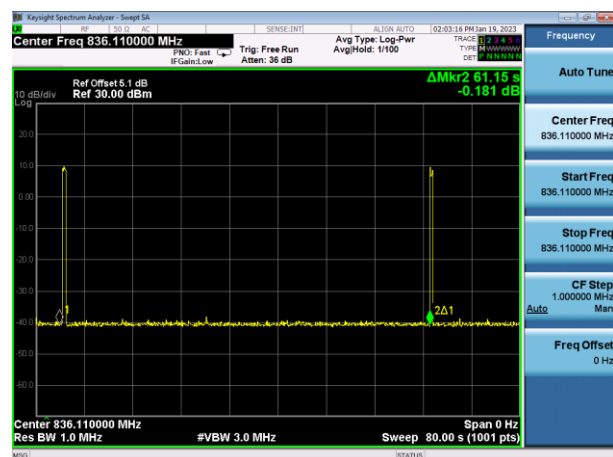
##### Oscillation Level



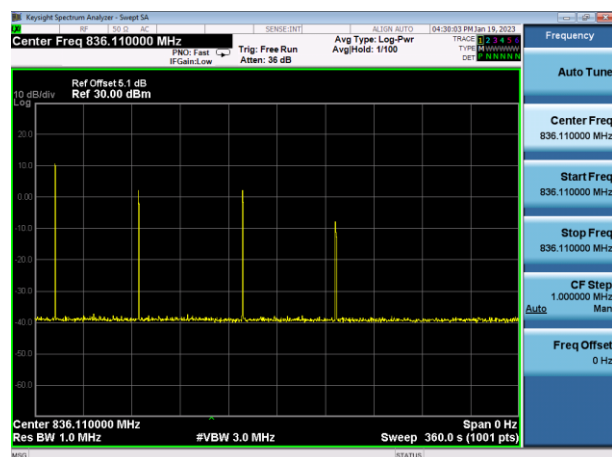
##### Detection time



##### Restart Time



##### Number of Restart

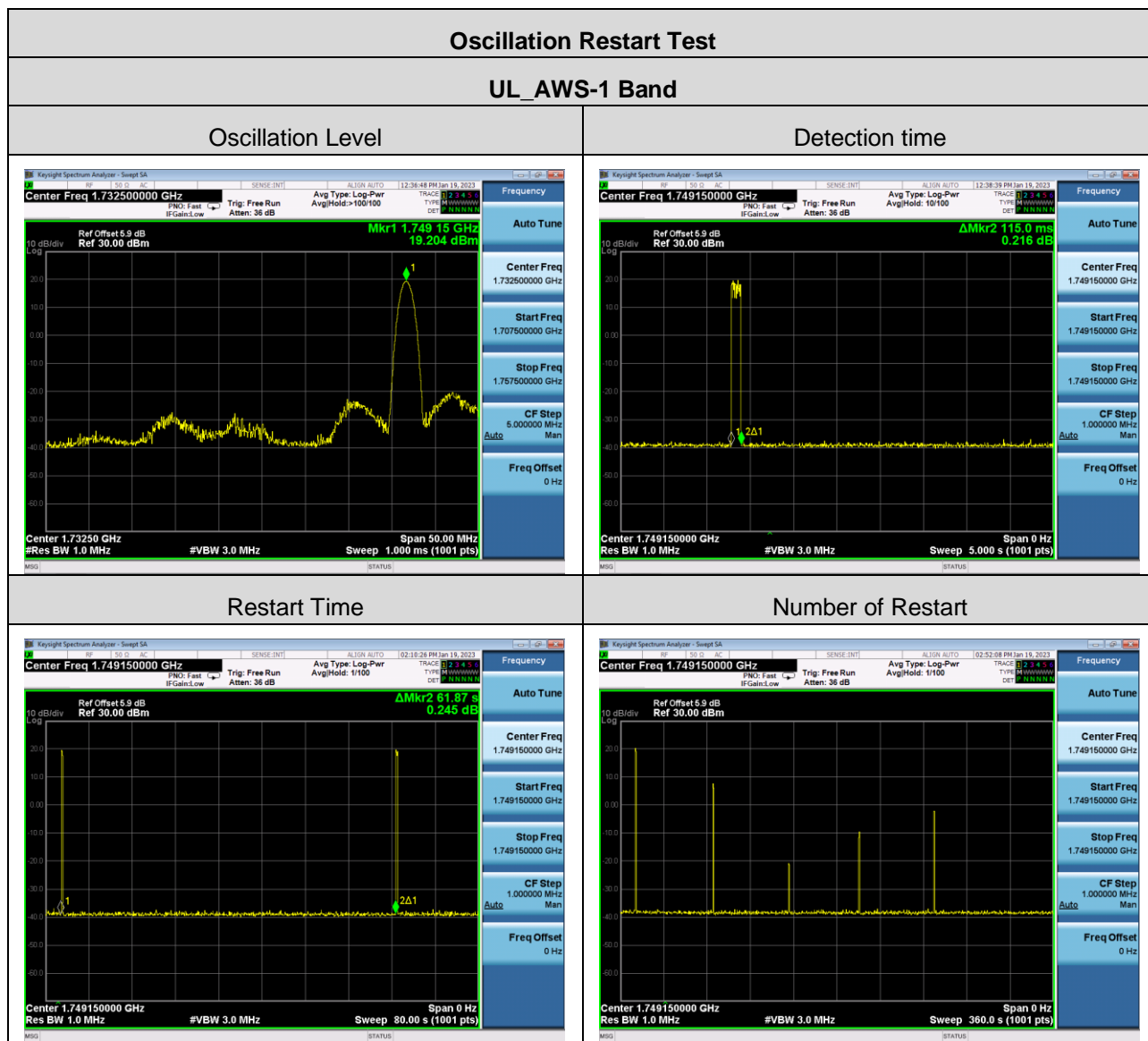


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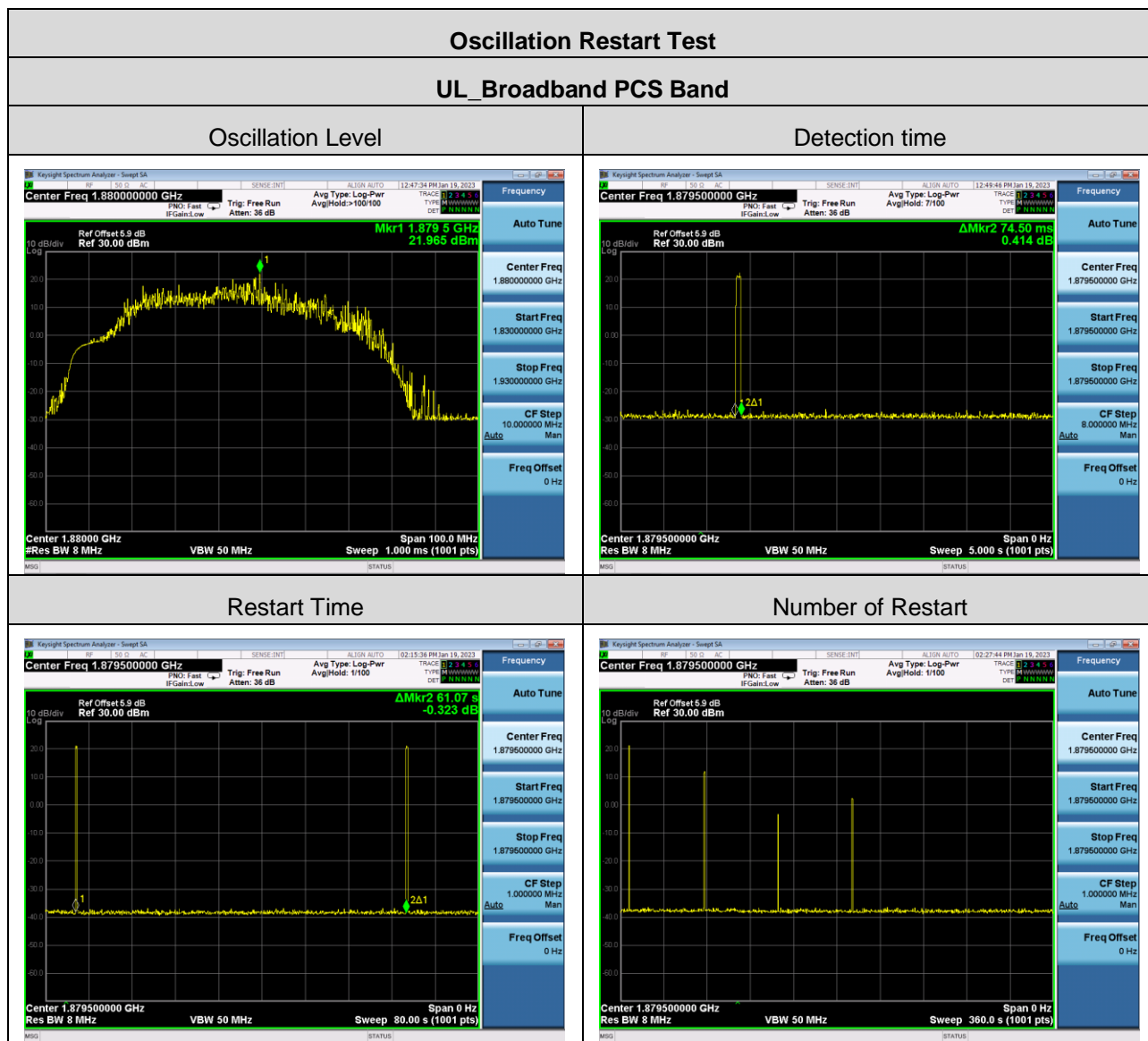


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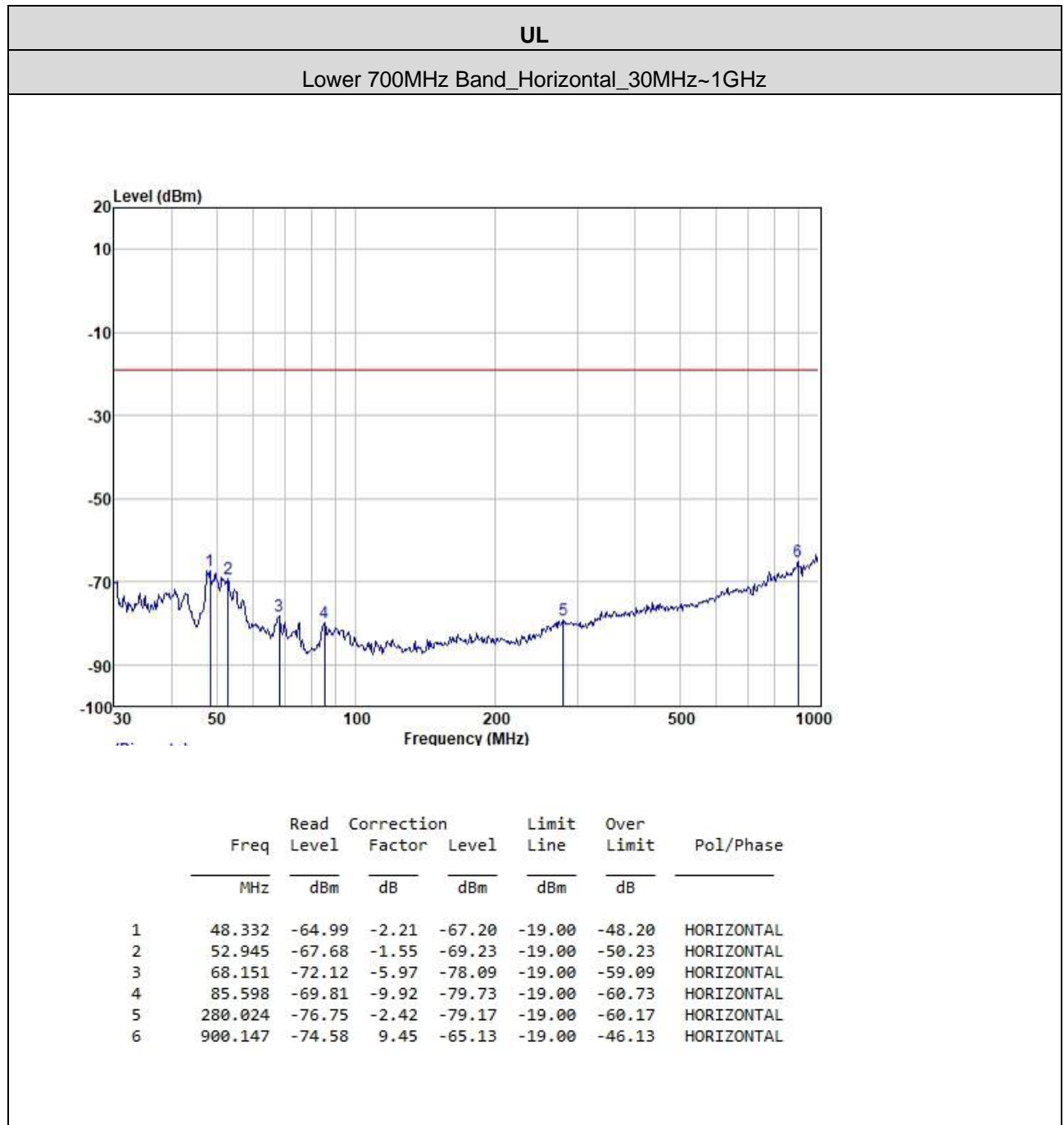
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### 12 Radiated spurious emissions

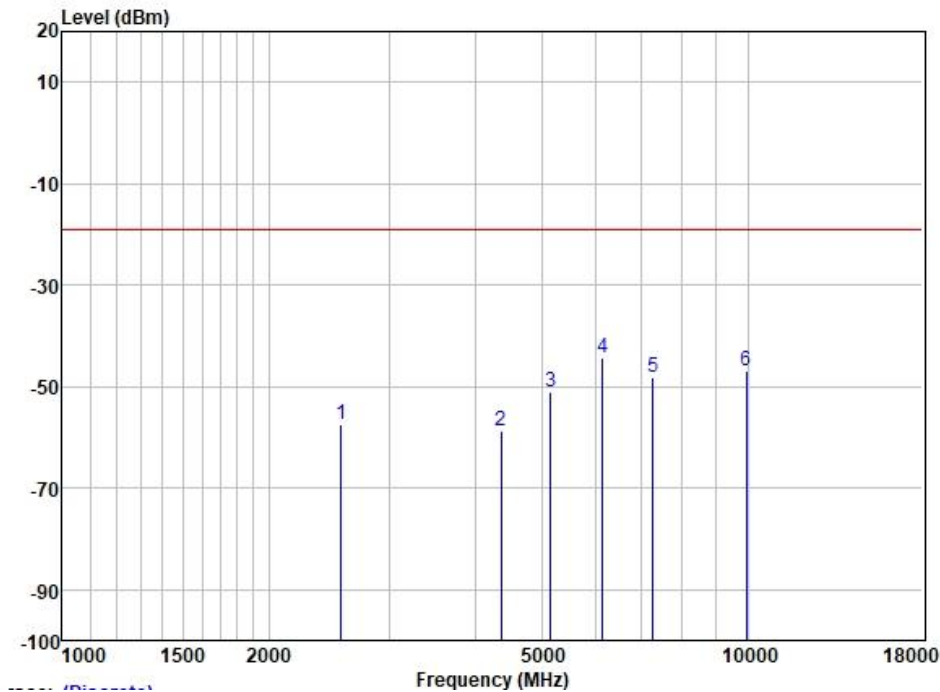


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### Lower 700MHz Band\_Horizontal\_above 1GHz



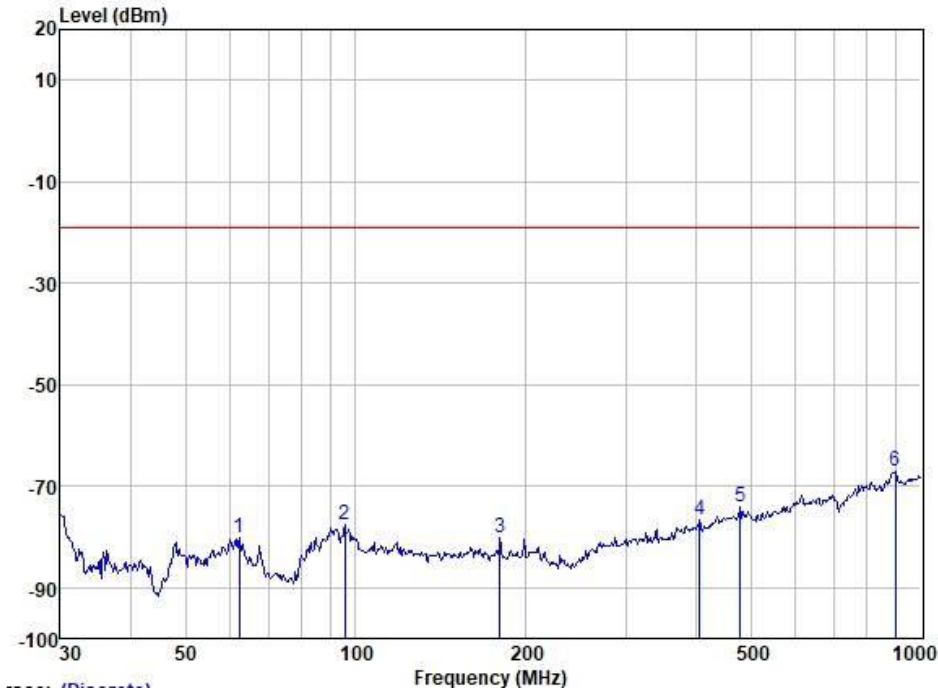
|   | Freq     | Read Level | Correction Factor | Level  | Limit Line | Over Limit | Pol/Phase  |
|---|----------|------------|-------------------|--------|------------|------------|------------|
|   | MHz      | dBm        | dB                | dBm    | dBm        | dB         |            |
| 1 | 2550.987 | -64.00     | 6.46              | -57.54 | -19.00     | -38.54     | HORIZONTAL |
| 2 | 4367.058 | -63.02     | 4.42              | -58.60 | -19.00     | -39.60     | HORIZONTAL |
| 3 | 5149.197 | -63.52     | 12.36             | -51.16 | -19.00     | -32.16     | HORIZONTAL |
| 4 | 6142.019 | -63.26     | 19.09             | -44.17 | -19.00     | -25.17     | HORIZONTAL |
| 5 | 7263.015 | -66.07     | 17.89             | -48.18 | -19.00     | -29.18     | HORIZONTAL |
| 6 | 9952.717 | -66.70     | 19.82             | -46.88 | -19.00     | -27.88     | HORIZONTAL |



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### Lower 700MHz Band\_Vertical\_30MHz~1GHz



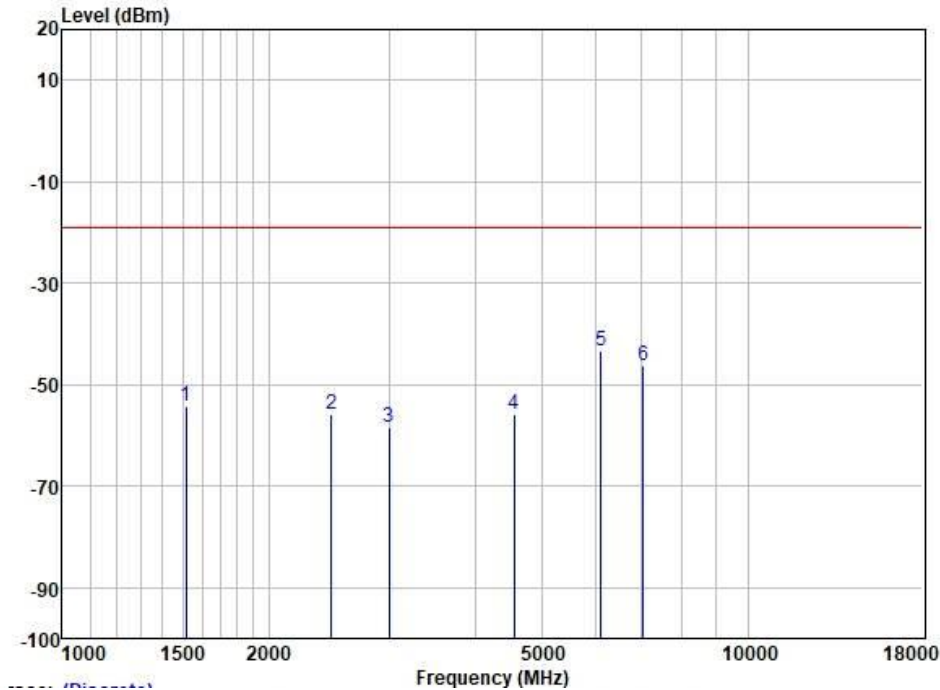
|   | Freq    | Read   | Correction | Limit  | Over   |                 |
|---|---------|--------|------------|--------|--------|-----------------|
|   | MHz     | Level  | Factor     | Line   | Limit  | Pol/Phase       |
|   |         | dBm    | dB         | dBm    | dB     |                 |
| 1 | 62.213  | -77.06 | -3.13      | -80.19 | -19.00 | -61.19 VERTICAL |
| 2 | 95.762  | -71.76 | -5.78      | -77.54 | -19.00 | -58.54 VERTICAL |
| 3 | 180.017 | -76.06 | -3.94      | -80.00 | -19.00 | -61.00 VERTICAL |
| 4 | 406.088 | -76.76 | 0.00       | -76.76 | -19.00 | -57.76 VERTICAL |
| 5 | 478.846 | -76.08 | 1.91       | -74.17 | -19.00 | -55.17 VERTICAL |
| 6 | 900.147 | -77.80 | 10.65      | -67.15 | -19.00 | -48.15 VERTICAL |



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### Lower 700MHz Band\_Vertical\_above 1GHz



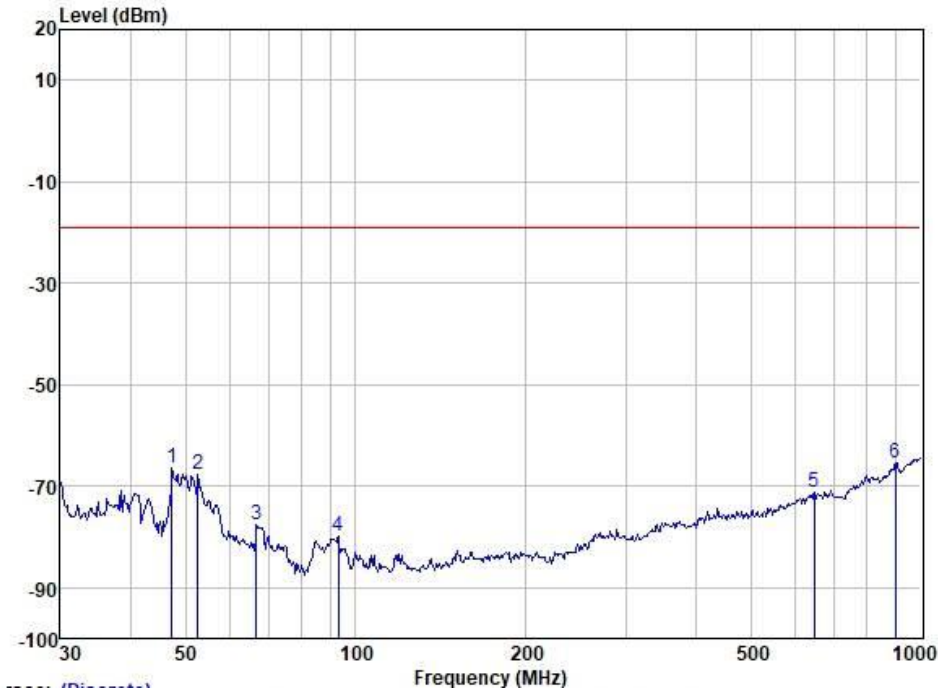
|   | Freq     | Read Level | Correction Factor | Level  | Limit Line | Over Limit | Pol/Phase |
|---|----------|------------|-------------------|--------|------------|------------|-----------|
|   | MHz      | dBm        | dB                | dBm    | dBm        | dB         |           |
| 1 | 1516.210 | -60.79     | 6.70              | -54.09 | -19.00     | -35.09     | VERTICAL  |
| 2 | 2471.157 | -64.81     | 8.94              | -55.87 | -19.00     | -36.87     | VERTICAL  |
| 3 | 2999.187 | -61.32     | 2.94              | -58.38 | -19.00     | -39.38     | VERTICAL  |
| 4 | 4560.559 | -62.33     | 6.56              | -55.77 | -19.00     | -36.77     | VERTICAL  |
| 5 | 6106.616 | -62.61     | 19.21             | -43.40 | -19.00     | -24.40     | VERTICAL  |
| 6 | 7035.727 | -66.33     | 19.96             | -46.37 | -19.00     | -27.37     | VERTICAL  |



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### Upper 700MHz Band\_Horizontal\_30MHz~1GHz



|   | Freq    | Read Level | Correction Factor | Level  | Limit Line | Over Limit | Pol/Phase  |
|---|---------|------------|-------------------|--------|------------|------------|------------|
|   | MHz     | dBm        | dB                | dBm    | dBm        | dB         |            |
| 1 | 47.326  | -63.19     | -3.15             | -66.34 | -19.00     | -47.34     | HORIZONTAL |
| 2 | 52.575  | -66.32     | -1.50             | -67.82 | -19.00     | -48.82     | HORIZONTAL |
| 3 | 66.733  | -72.20     | -5.49             | -77.69 | -19.00     | -58.69     | HORIZONTAL |
| 4 | 93.113  | -70.02     | -9.72             | -79.74 | -19.00     | -60.74     | HORIZONTAL |
| 5 | 647.386 | -74.88     | 3.77              | -71.11 | -19.00     | -52.11     | HORIZONTAL |
| 6 | 900.147 | -74.91     | 9.45              | -65.46 | -19.00     | -46.46     | HORIZONTAL |

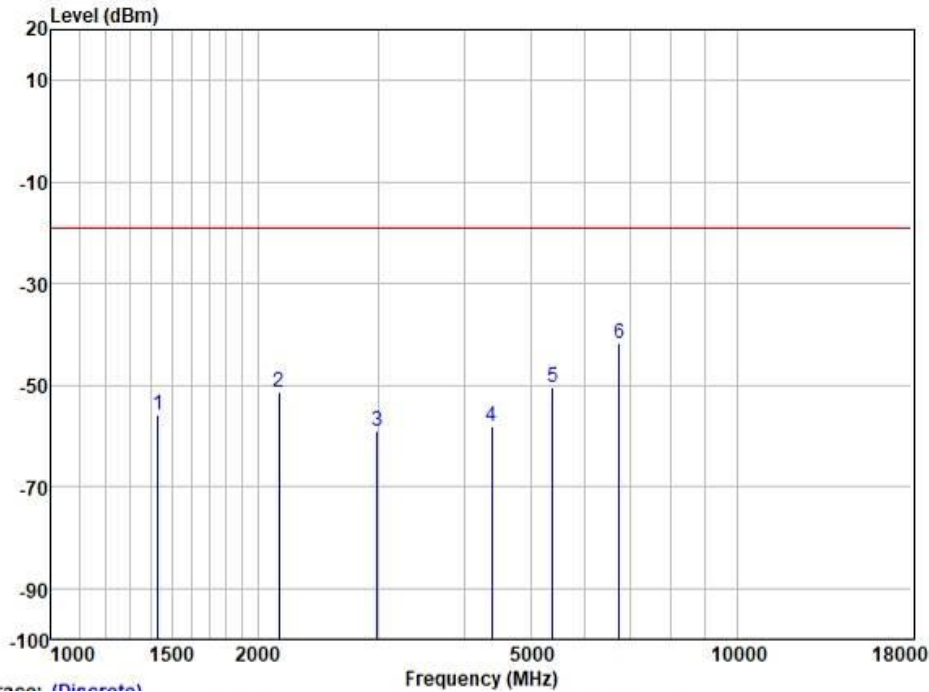


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### Upper 700MHz Band\_Horizontal\_above 1GHz



|   | Freq     | Read Level | Correction Factor | Level  | Limit Line | Over Limit | Pol/Phase  |
|---|----------|------------|-------------------|--------|------------|------------|------------|
|   | MHz      | dBm        | dB                | dBm    | dBm        | dB         |            |
| 1 | 1431.047 | -60.50     | 4.63              | -55.87 | -19.00     | -36.87     | HORIZONTAL |
| 2 | 2151.034 | -60.82     | 9.34              | -51.48 | -19.00     | -32.48     | HORIZONTAL |
| 3 | 2990.531 | -61.80     | 2.60              | -59.20 | -19.00     | -40.20     | HORIZONTAL |
| 4 | 4392.376 | -62.41     | 4.45              | -57.96 | -19.00     | -38.96     | HORIZONTAL |
| 5 | 5392.918 | -63.25     | 12.96             | -50.29 | -19.00     | -31.29     | HORIZONTAL |
| 6 | 6737.207 | -62.24     | 20.35             | -41.89 | -19.00     | -22.89     | HORIZONTAL |

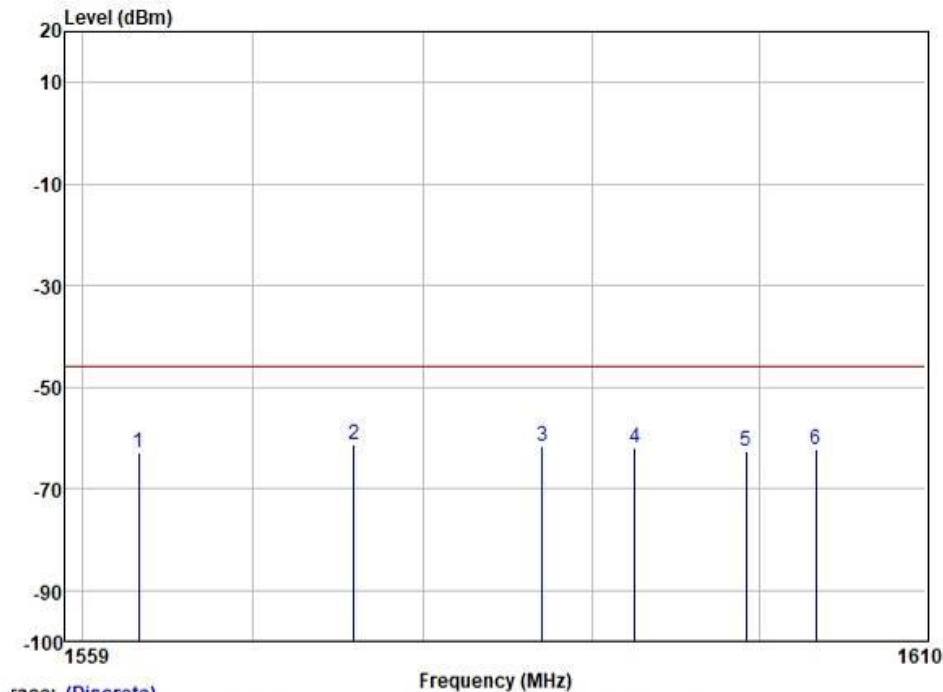


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### Upper 700MHz Band\_Horizontal\_1559-1610MHz



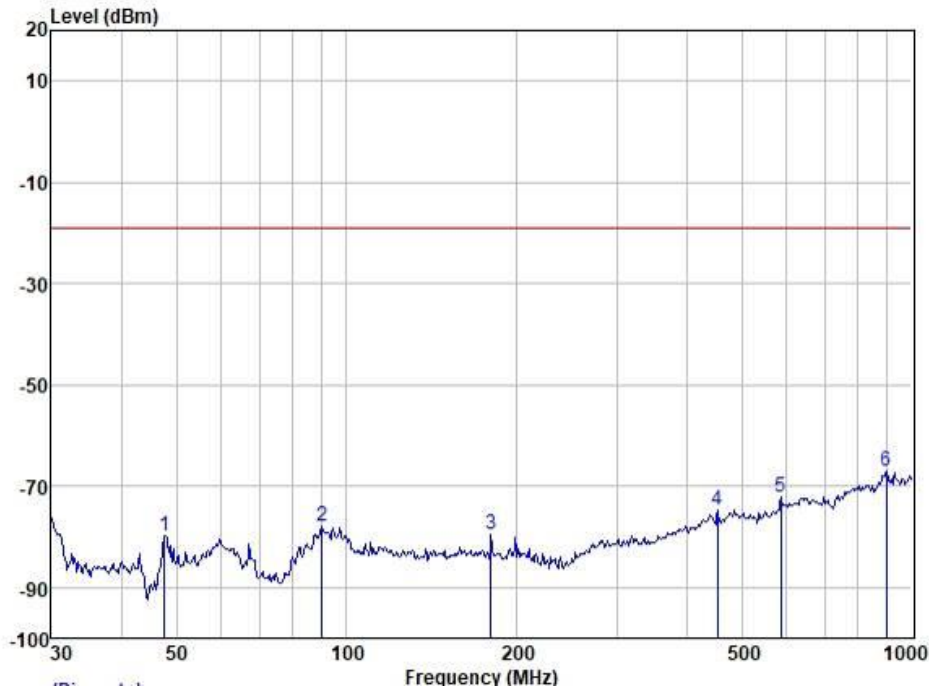
|   | Freq     | Read Level | Correction Factor | Level  | Limit Line | Over Limit | Pol/Phase  |
|---|----------|------------|-------------------|--------|------------|------------|------------|
|   | MHz      | dBm        | dB                | dBm    | dBm        | dB         |            |
| 1 | 1563.271 | -67.90     | 5.07              | -62.83 | -46.00     | -16.83     | HORIZONTAL |
| 2 | 1575.902 | -66.30     | 5.12              | -61.18 | -46.00     | -15.18     | HORIZONTAL |
| 3 | 1587.051 | -66.75     | 5.19              | -61.56 | -46.00     | -15.56     | HORIZONTAL |
| 4 | 1592.578 | -67.19     | 5.20              | -61.99 | -46.00     | -15.99     | HORIZONTAL |
| 5 | 1599.205 | -67.66     | 5.22              | -62.44 | -46.00     | -16.44     | HORIZONTAL |
| 6 | 1603.380 | -67.45     | 5.24              | -62.21 | -46.00     | -16.21     | HORIZONTAL |



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 中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075058 sgs.china@sgs.com

### Upper 700MHz Band\_Vertical\_30MHz~1GHz



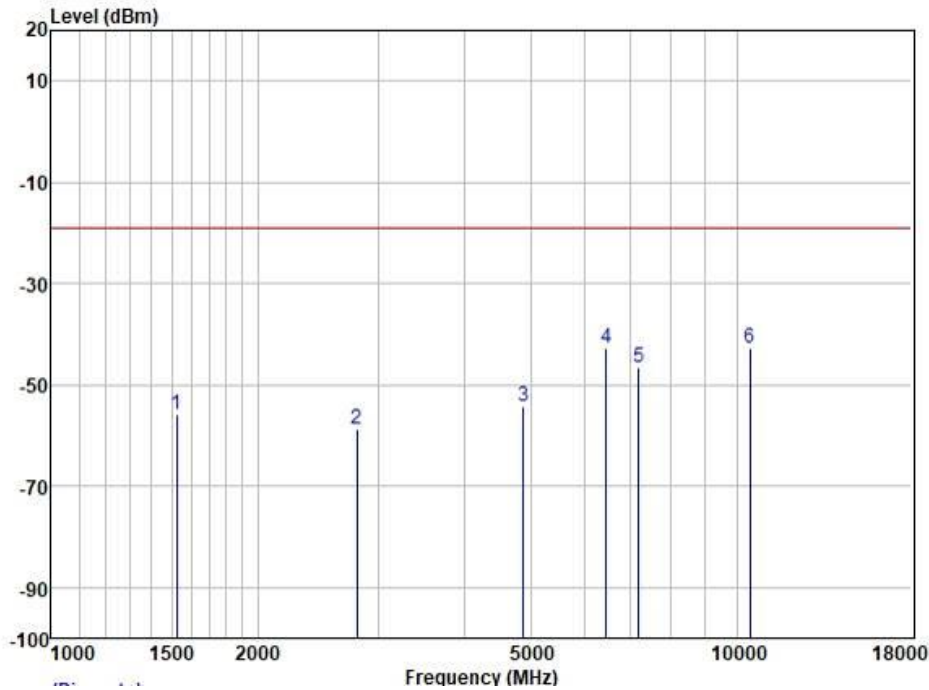
|   | Freq    | Read Level | Correction Factor | Level  | Limit  | Over Limit | Pol/Phase |
|---|---------|------------|-------------------|--------|--------|------------|-----------|
|   | MHz     | dBm        | dB                | dBm    | dBm    | dB         |           |
| 1 | 47.659  | -70.47     | -9.51             | -79.98 | -19.00 | -60.98     | VERTICAL  |
| 2 | 90.537  | -70.72     | -7.26             | -77.98 | -19.00 | -58.98     | VERTICAL  |
| 3 | 180.017 | -75.71     | -3.94             | -79.65 | -19.00 | -60.65     | VERTICAL  |
| 4 | 452.720 | -76.11     | 1.53              | -74.58 | -19.00 | -55.58     | VERTICAL  |
| 5 | 586.844 | -75.48     | 3.41              | -72.07 | -19.00 | -53.07     | VERTICAL  |
| 6 | 900.147 | -77.59     | 10.65             | -66.94 | -19.00 | -47.94     | VERTICAL  |



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### Upper 700MHz Band\_Vertical\_above 1GHz



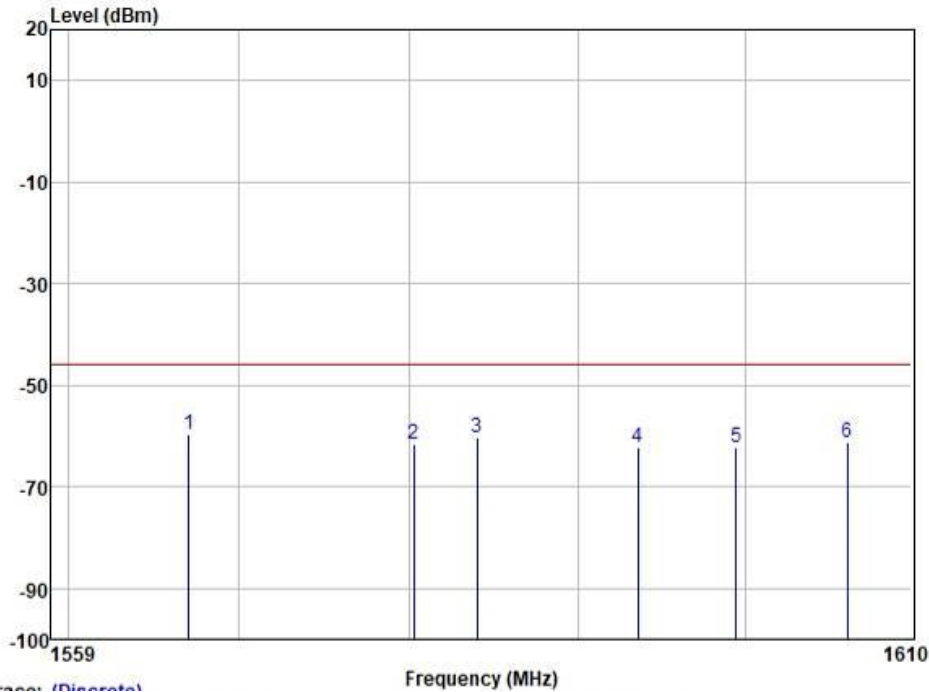
|   | Freq      | Read Level | Correction Factor | Level  | Limit Line | Over Limit | Pol/Phase |
|---|-----------|------------|-------------------|--------|------------|------------|-----------|
|   | MHz       | dBm        | dB                | dBm    | dBm        | dB         |           |
| 1 | 1525.000  | -62.28     | 6.54              | -55.74 | -19.00     | -36.74     | VERTICAL  |
| 2 | 2790.113  | -62.93     | 4.12              | -58.81 | -19.00     | -39.81     | VERTICAL  |
| 3 | 4888.151  | -63.65     | 9.46              | -54.19 | -19.00     | -35.19     | VERTICAL  |
| 4 | 6451.353  | -62.45     | 19.71             | -42.74 | -19.00     | -23.74     | VERTICAL  |
| 5 | 7200.309  | -65.71     | 19.04             | -46.67 | -19.00     | -27.67     | VERTICAL  |
| 6 | 10453.970 | -66.99     | 24.28             | -42.71 | -19.00     | -23.71     | VERTICAL  |



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### Upper 700MHz Band\_Vertical\_1559-1610Mhz



|   | Freq     | Read Level | Correction Factor | Level  | Limit Line | Over Limit | Pol/Phase |
|---|----------|------------|-------------------|--------|------------|------------|-----------|
|   | MHz      | dBm        | dB                | dBm    | dBm        | dB         |           |
| 1 | 1567.050 | -65.30     | 5.51              | -59.79 | -46.00     | -13.79     | VERTICAL  |
| 2 | 1580.271 | -66.71     | 5.21              | -61.50 | -46.00     | -15.50     | VERTICAL  |
| 3 | 1584.040 | -65.47     | 5.13              | -60.34 | -46.00     | -14.34     | VERTICAL  |
| 4 | 1593.604 | -67.10     | 4.97              | -62.13 | -46.00     | -16.13     | VERTICAL  |
| 5 | 1599.462 | -67.15     | 4.89              | -62.26 | -46.00     | -16.26     | VERTICAL  |
| 6 | 1606.118 | -66.27     | 4.85              | -61.42 | -46.00     | -15.42     | VERTICAL  |

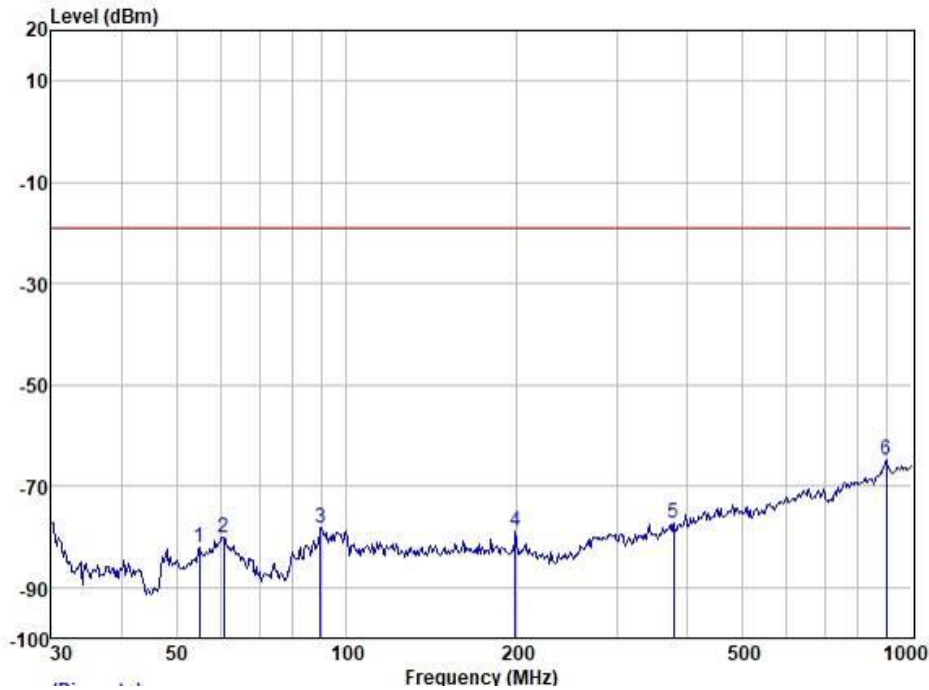


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### Cellular Band\_Horizontal\_30MHz~1GHz



|   | Freq    | Read   | Correction | Limit  | Over   |                   |
|---|---------|--------|------------|--------|--------|-------------------|
|   | MHz     | Level  | Factor     | Line   | Limit  | Pol/Phase         |
|   |         | dBm    | dB         | dBm    | dB     |                   |
| 1 | 54.835  | -80.23 | -1.89      | -82.12 | -19.00 | -63.12 HORIZONTAL |
| 2 | 60.492  | -77.65 | -2.63      | -80.28 | -19.00 | -61.28 HORIZONTAL |
| 3 | 89.905  | -68.32 | -9.80      | -78.12 | -19.00 | -59.12 HORIZONTAL |
| 4 | 198.588 | -72.13 | -6.70      | -78.83 | -19.00 | -59.83 HORIZONTAL |
| 5 | 378.584 | -75.98 | -1.16      | -77.14 | -19.00 | -58.14 HORIZONTAL |
| 6 | 900.147 | -74.33 | 9.45       | -64.88 | -19.00 | -45.88 HORIZONTAL |

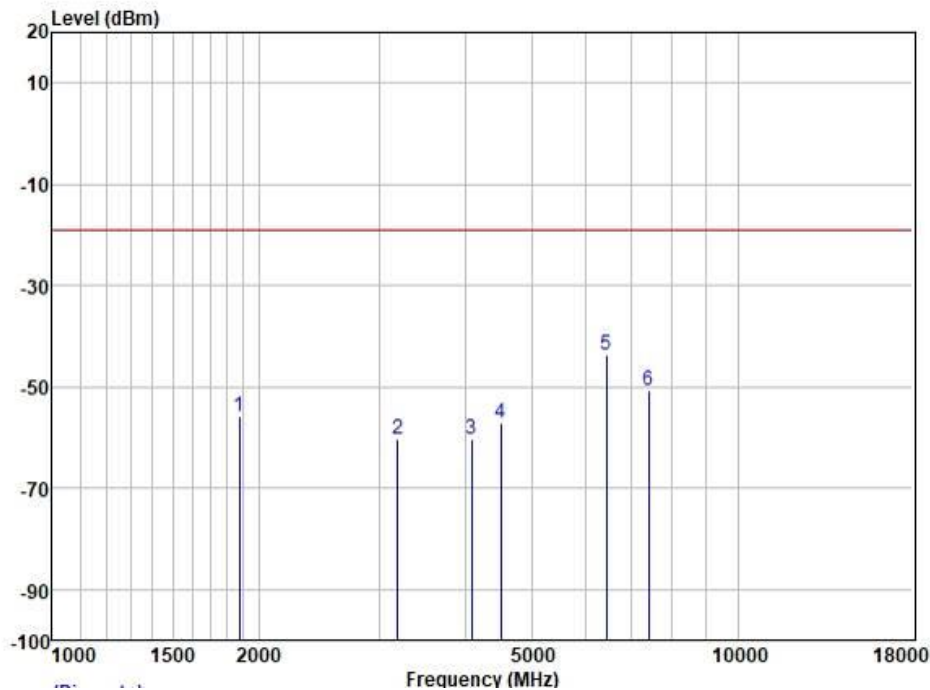


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### Cellular Band\_Horizontal\_above 1GHz



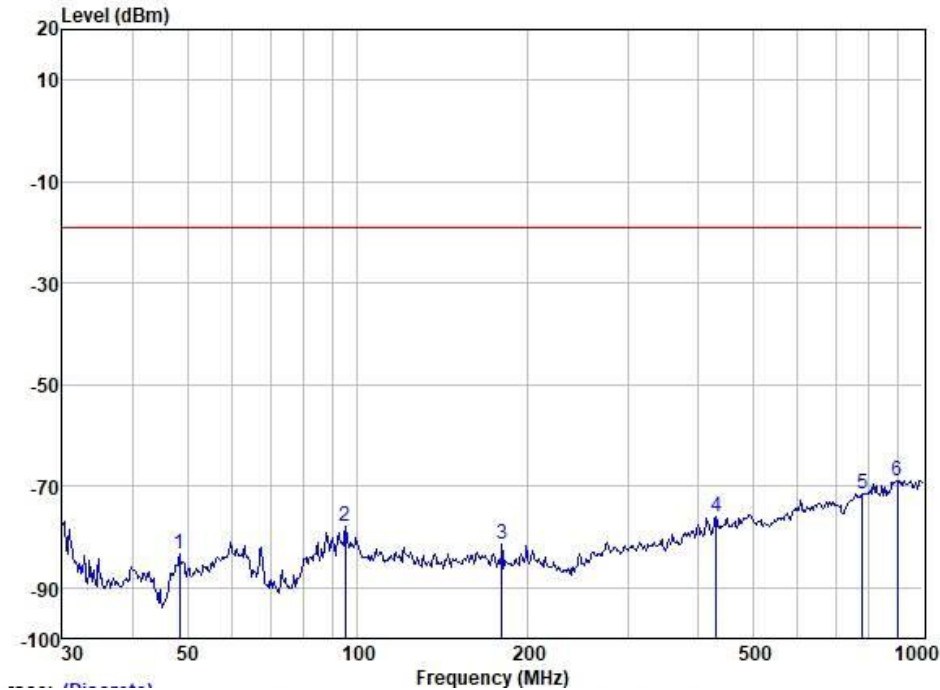
|   | Freq     | Read Level | Correction Factor | Level  | Limit Line | Over Limit | Pol/Phase  |
|---|----------|------------|-------------------|--------|------------|------------|------------|
|   | MHz      | dBm        | dB                | dBm    | dBm        | dB         |            |
| 1 | 1872.381 | -62.19     | 6.27              | -55.92 | -19.00     | -36.92     | HORIZONTAL |
| 2 | 3186.869 | -62.45     | 2.24              | -60.21 | -19.00     | -41.21     | HORIZONTAL |
| 3 | 4086.182 | -63.69     | 3.29              | -60.40 | -19.00     | -41.40     | HORIZONTAL |
| 4 | 4508.136 | -63.34     | 6.13              | -57.21 | -19.00     | -38.21     | HORIZONTAL |
| 5 | 6432.732 | -63.21     | 19.55             | -43.66 | -19.00     | -24.66     | HORIZONTAL |
| 6 | 7411.461 | -67.30     | 16.43             | -50.87 | -19.00     | -31.87     | HORIZONTAL |



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### Cellular Band\_Vertical\_30MHz~1GHz



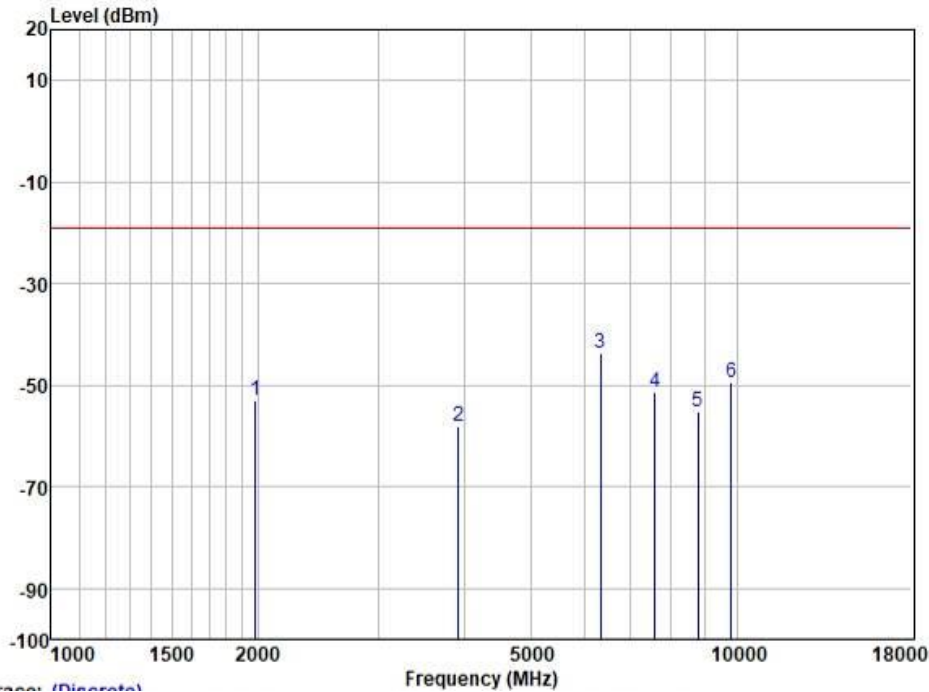
|   | Freq    | Read   | Correction | Limit  | Over   |                 |
|---|---------|--------|------------|--------|--------|-----------------|
|   | MHz     | Level  | Factor     | Line   | Limit  | Pol/Phase       |
|   |         | dBm    | dB         | dBm    | dB     |                 |
| 1 | 48.332  | -74.86 | -8.49      | -83.35 | -19.00 | -64.35 VERTICAL |
| 2 | 95.093  | -72.00 | -5.91      | -77.91 | -19.00 | -58.91 VERTICAL |
| 3 | 180.017 | -77.50 | -3.94      | -81.44 | -19.00 | -62.44 VERTICAL |
| 4 | 431.032 | -77.22 | 1.29       | -75.93 | -19.00 | -56.93 VERTICAL |
| 5 | 782.345 | -78.41 | 7.05       | -71.36 | -19.00 | -52.36 VERTICAL |
| 6 | 900.147 | -79.46 | 10.65      | -68.81 | -19.00 | -49.81 VERTICAL |



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### Cellular Band\_Vertical\_above 1GHz



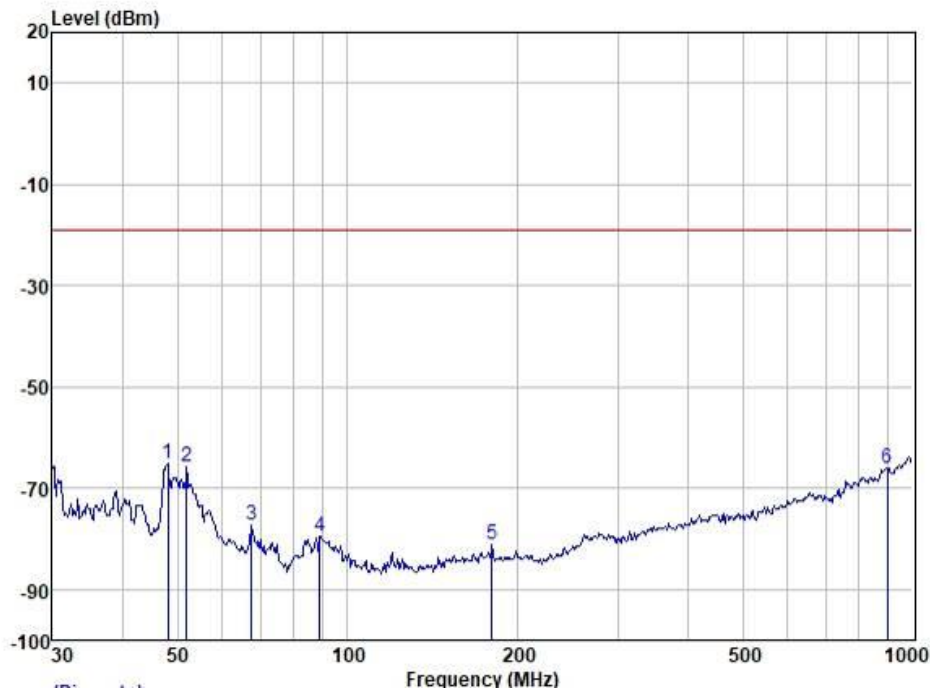
|   | Freq     | Read Level | Correction Factor | Level  | Limit Line | Over Limit | Pol/Phase |
|---|----------|------------|-------------------|--------|------------|------------|-----------|
|   | MHz      | dBm        | dB                | dBm    | dBm        | dB         |           |
| 1 | 1983.808 | -61.43     | 8.38              | -53.05 | -19.00     | -34.05     | VERTICAL  |
| 2 | 3924.135 | -61.38     | 3.26              | -58.12 | -19.00     | -39.12     | VERTICAL  |
| 3 | 6322.136 | -62.80     | 19.18             | -43.62 | -19.00     | -24.62     | VERTICAL  |
| 4 | 7584.833 | -67.56     | 16.36             | -51.20 | -19.00     | -32.20     | VERTICAL  |
| 5 | 8764.146 | -69.44     | 14.33             | -55.11 | -19.00     | -36.11     | VERTICAL  |
| 6 | 9809.916 | -68.38     | 18.95             | -49.43 | -19.00     | -30.43     | VERTICAL  |



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### AWS-1 Band\_Horizontal\_30MHz~1GHz



|   | Freq    | Read Level | Correction Factor | Level  | Limit  | Over Limit | Pol/Phase  |
|---|---------|------------|-------------------|--------|--------|------------|------------|
|   | MHz     | dBm        | dB                | dBm    | dBm    | dB         |            |
| 1 | 47.994  | -62.66     | -2.48             | -65.14 | -19.00 | -46.14     | HORIZONTAL |
| 2 | 51.843  | -64.45     | -1.42             | -65.87 | -19.00 | -46.87     | HORIZONTAL |
| 3 | 67.675  | -71.32     | -5.83             | -77.15 | -19.00 | -58.15     | HORIZONTAL |
| 4 | 89.276  | -69.60     | -9.83             | -79.43 | -19.00 | -60.43     | HORIZONTAL |
| 5 | 180.017 | -75.26     | -6.01             | -81.27 | -19.00 | -62.27     | HORIZONTAL |
| 6 | 900.147 | -75.47     | 9.45              | -66.02 | -19.00 | -47.02     | HORIZONTAL |

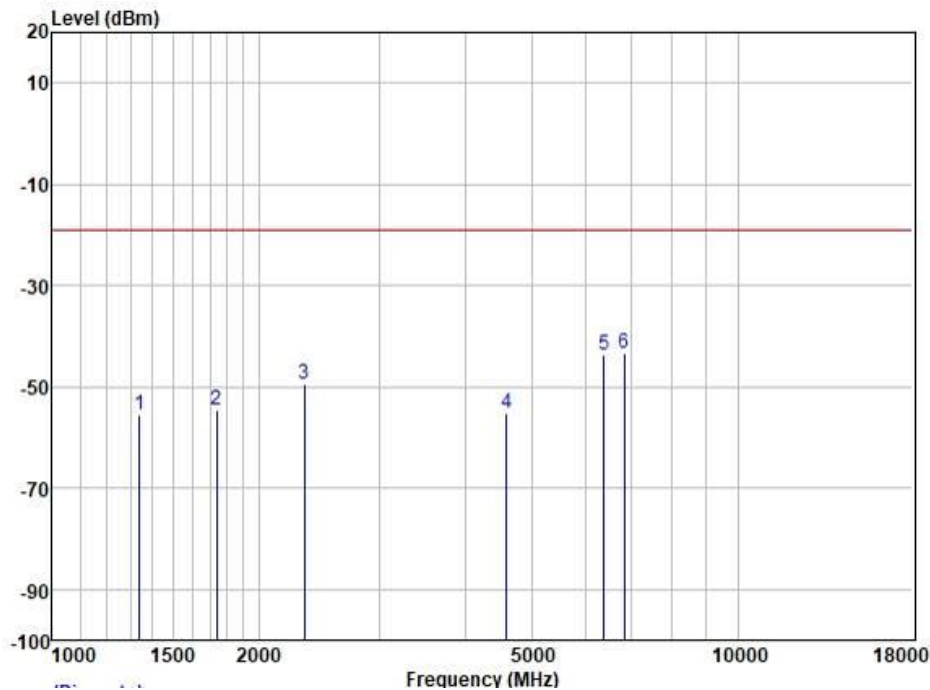


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### AWS-1 Band\_Horizontal\_above 1GHz



|   | Freq     | Read Level | Correction Factor | Level  | Limit Line | Over Limit | Pol/Phase  |
|---|----------|------------|-------------------|--------|------------|------------|------------|
|   | MHz      | dBm        | dB                | dBm    | dBm        | dB         |            |
| 1 | 1339.006 | -59.70     | 4.15              | -55.55 | -19.00     | -36.55     | HORIZONTAL |
| 2 | 1736.829 | -60.77     | 6.17              | -54.60 | -19.00     | -35.60     | HORIZONTAL |
| 3 | 2332.356 | -59.14     | 9.57              | -49.57 | -19.00     | -30.57     | HORIZONTAL |
| 4 | 4600.276 | -62.58     | 7.32              | -55.26 | -19.00     | -36.26     | HORIZONTAL |
| 5 | 6377.195 | -63.18     | 19.40             | -43.78 | -19.00     | -24.78     | HORIZONTAL |
| 6 | 6835.278 | -63.60     | 20.28             | -43.32 | -19.00     | -24.32     | HORIZONTAL |

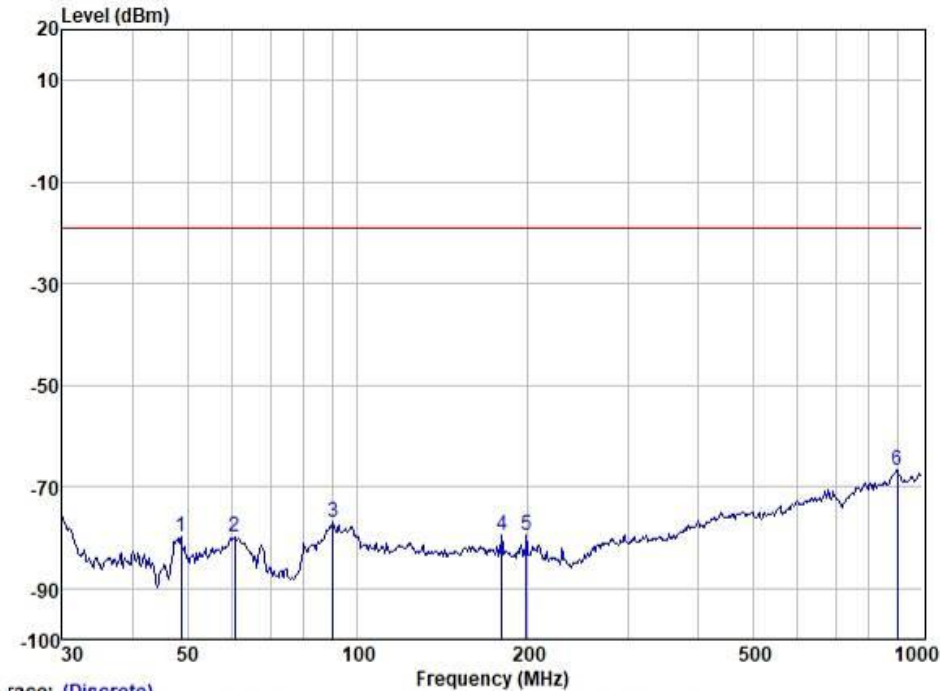


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### AWS-1 Band\_Vertical\_30MHz~1GHz



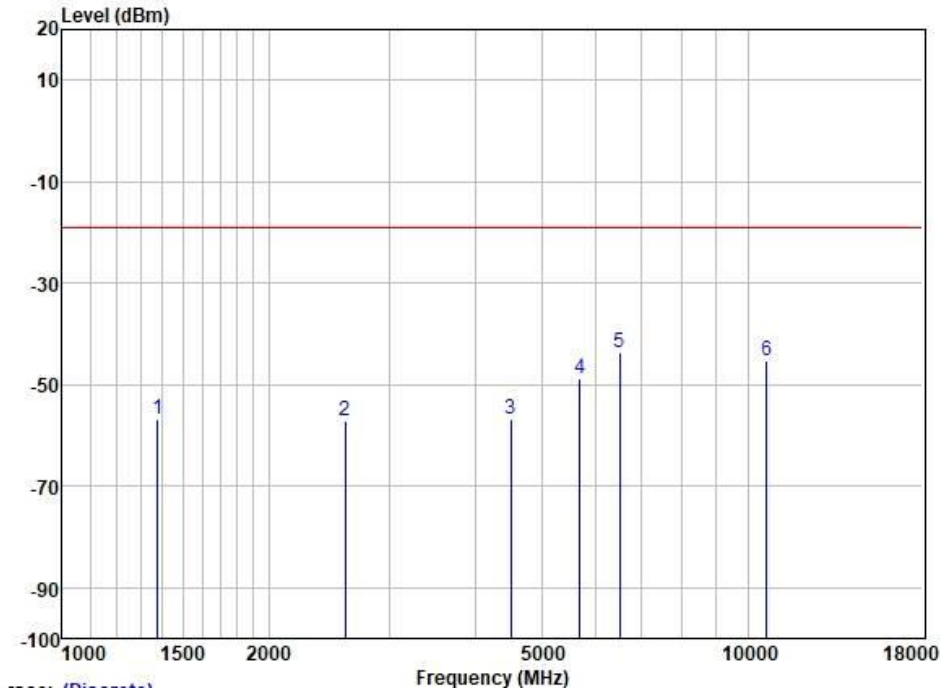
|   | Freq    | Read Level | Correction Factor | Level  | Limit Line | Over Limit | Pol/Phase |
|---|---------|------------|-------------------|--------|------------|------------|-----------|
|   | MHz     | dBm        | dB                | dBm    | dBm        | dB         |           |
| 1 | 48.672  | -71.80     | -8.08             | -79.88 | -19.00     | -60.88     | VERTICAL  |
| 2 | 60.492  | -77.60     | -2.28             | -79.88 | -19.00     | -60.88     | VERTICAL  |
| 3 | 90.537  | -69.85     | -7.26             | -77.11 | -19.00     | -58.11     | VERTICAL  |
| 4 | 180.017 | -75.72     | -3.94             | -79.66 | -19.00     | -60.66     | VERTICAL  |
| 5 | 198.588 | -74.70     | -4.87             | -79.57 | -19.00     | -60.57     | VERTICAL  |
| 6 | 900.147 | -77.36     | 10.65             | -66.71 | -19.00     | -47.71     | VERTICAL  |



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### AWS-1 Band\_Vertical\_above 1GHz



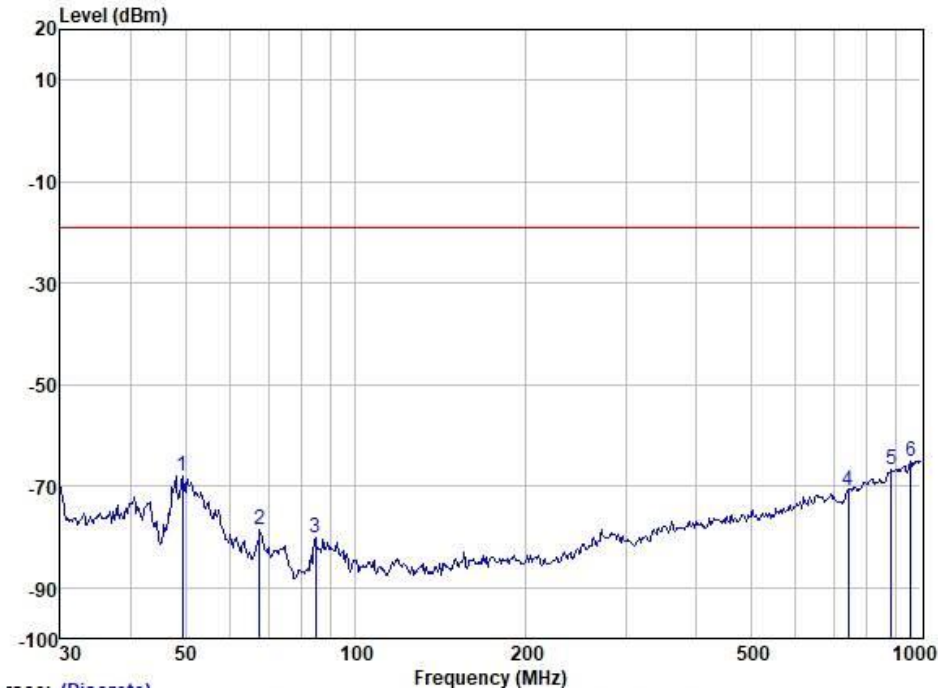
|   | Freq      | Read Level | Correction Factor | Level  | Limit Line | Over Limit | Pol/Phase |
|---|-----------|------------|-------------------|--------|------------|------------|-----------|
|   | MHz       | dBm        | dB                | dBm    | dBm        | dB         |           |
| 1 | 1378.273  | -60.76     | 4.07              | -56.69 | -19.00     | -37.69     | VERTICAL  |
| 2 | 2588.122  | -63.07     | 5.87              | -57.20 | -19.00     | -38.20     | VERTICAL  |
| 3 | 4508.136  | -62.92     | 6.02              | -56.90 | -19.00     | -37.90     | VERTICAL  |
| 4 | 5680.921  | -64.33     | 15.39             | -48.94 | -19.00     | -29.94     | VERTICAL  |
| 5 | 6507.536  | -63.78     | 20.03             | -43.75 | -19.00     | -24.75     | VERTICAL  |
| 6 | 10636.850 | -70.11     | 24.78             | -45.33 | -19.00     | -26.33     | VERTICAL  |



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### Broadband PCS Band\_Horizontal\_30MHz~1GHz



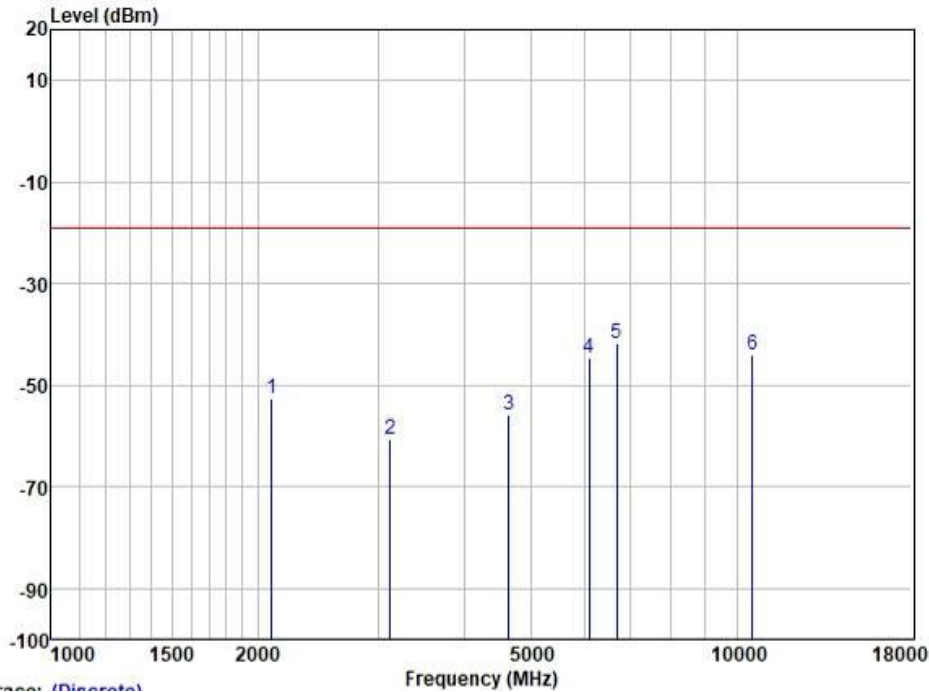
|   | Freq    | Read Level | Correction Factor | Level  | Limit Line | Over Limit | Pol/Phase  |
|---|---------|------------|-------------------|--------|------------|------------|------------|
|   | MHz     | dBm        | dB                | dBm    | dBm        | dB         |            |
| 1 | 49.359  | -66.44     | -1.59             | -68.03 | -19.00     | -49.03     | HORIZONTAL |
| 2 | 67.675  | -72.59     | -5.83             | -78.42 | -19.00     | -59.42     | HORIZONTAL |
| 3 | 84.999  | -70.34     | -9.93             | -80.27 | -19.00     | -61.27     | HORIZONTAL |
| 4 | 744.866 | -75.62     | 4.88              | -70.74 | -19.00     | -51.74     | HORIZONTAL |
| 5 | 887.610 | -75.66     | 8.80              | -66.86 | -19.00     | -47.86     | HORIZONTAL |
| 6 | 958.794 | -74.74     | 9.67              | -65.07 | -19.00     | -46.07     | HORIZONTAL |



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### Broadband PCS Band\_Horizontal\_above 1GHz



|   | Freq      | Read Level | Correction Factor | Level  | Limit  | Over Limit | Pol/Phase  |
|---|-----------|------------|-------------------|--------|--------|------------|------------|
|   | MHz       | dBm        | dB                | dBm    | dBm    | dB         |            |
| 1 | 2095.800  | -62.20     | 9.56              | -52.64 | -19.00 | -33.64     | HORIZONTAL |
| 2 | 3123.039  | -63.08     | 2.31              | -60.77 | -19.00 | -41.77     | HORIZONTAL |
| 3 | 4653.771  | -63.51     | 7.53              | -55.98 | -19.00 | -36.98     | HORIZONTAL |
| 4 | 6088.991  | -63.69     | 19.13             | -44.56 | -19.00 | -25.56     | HORIZONTAL |
| 5 | 6679.040  | -62.06     | 20.25             | -41.81 | -19.00 | -22.81     | HORIZONTAL |
| 6 | 10545.010 | -67.86     | 23.73             | -44.13 | -19.00 | -25.13     | HORIZONTAL |



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