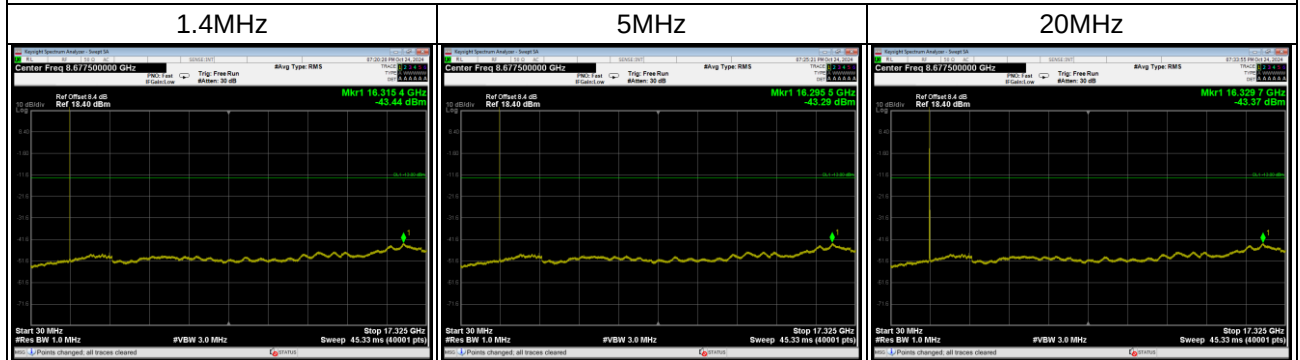
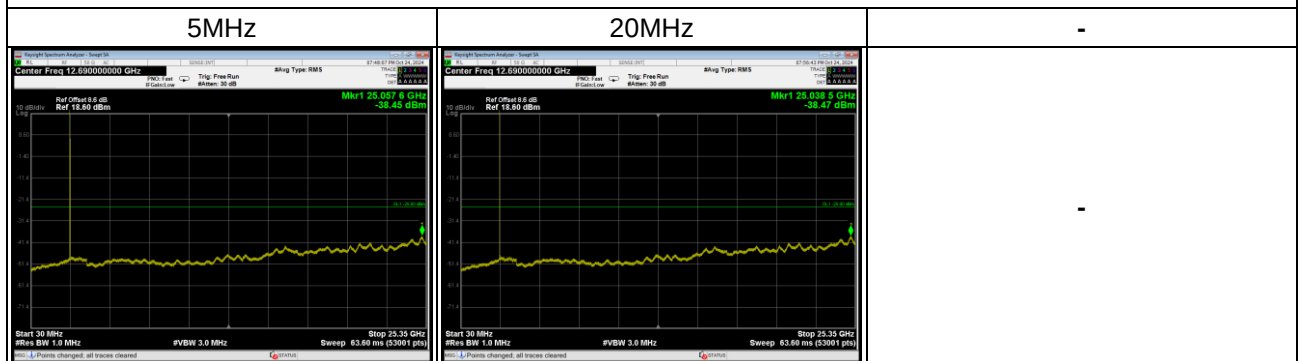


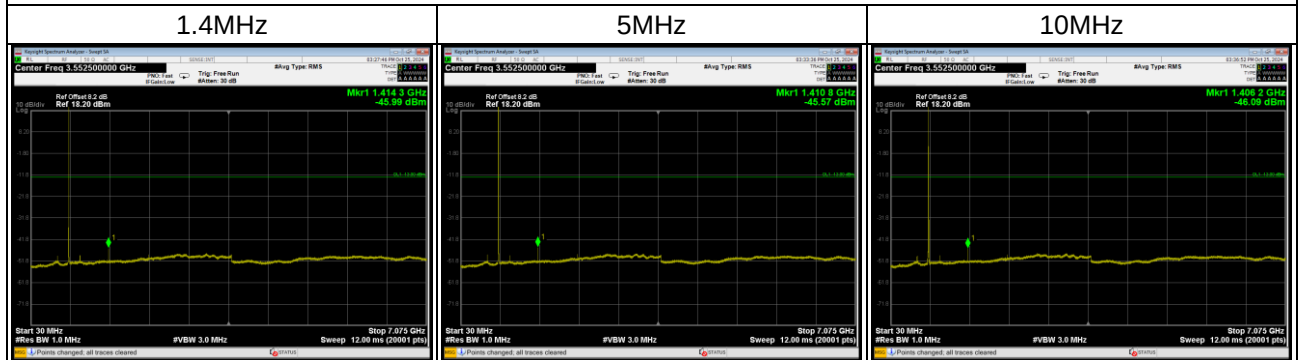
## LTE Band 4\_CH20175 Spectrum Plot

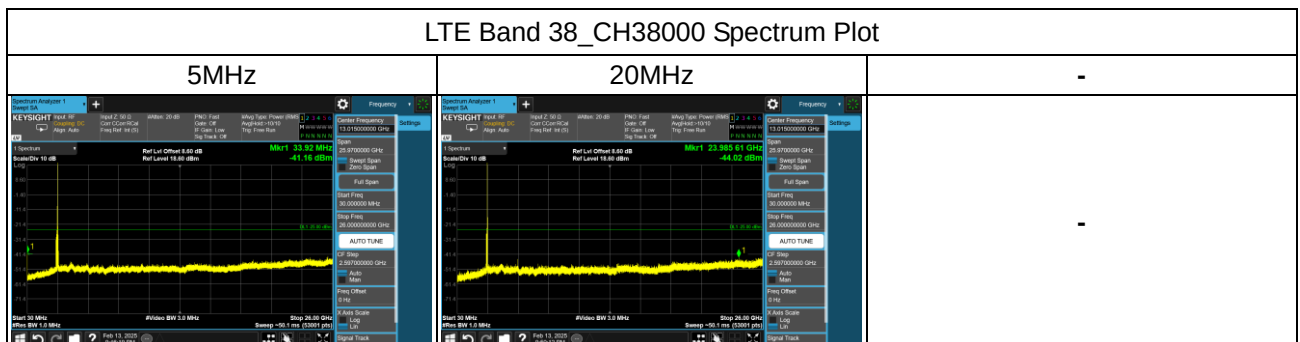
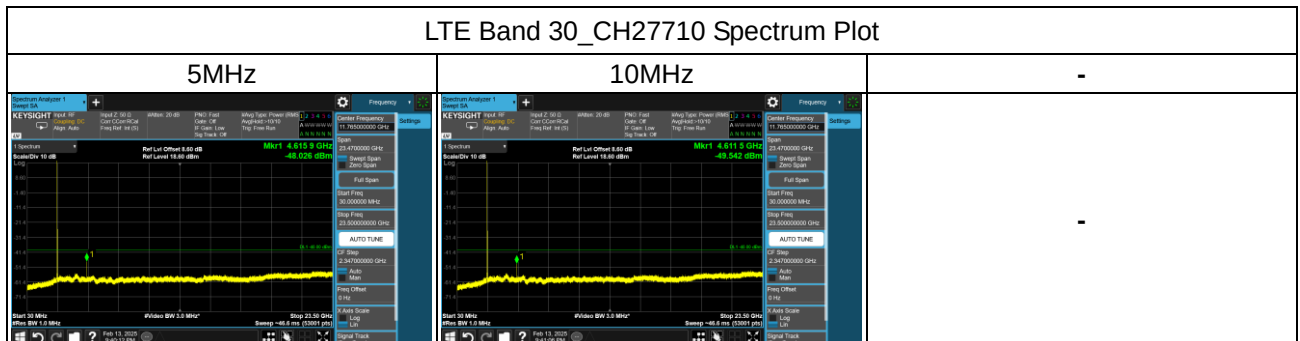
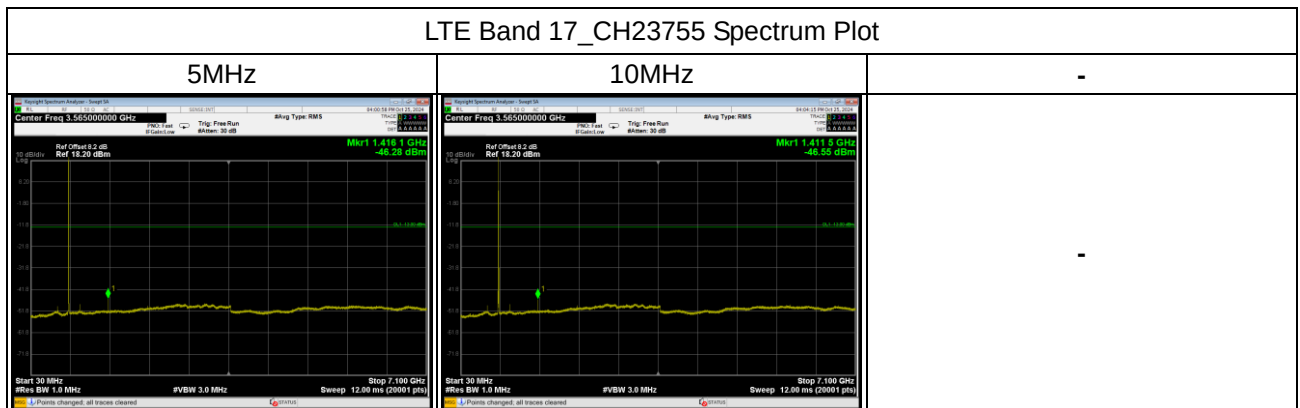
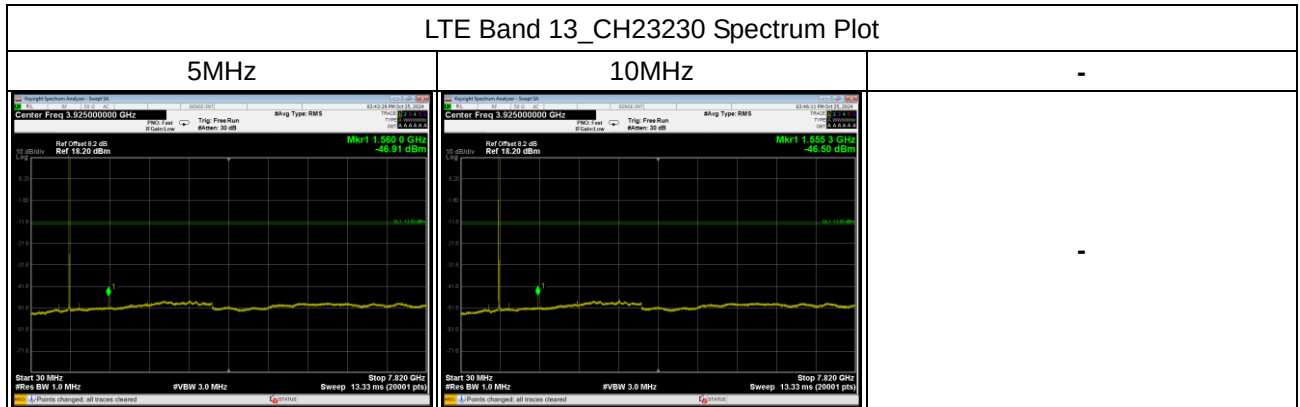


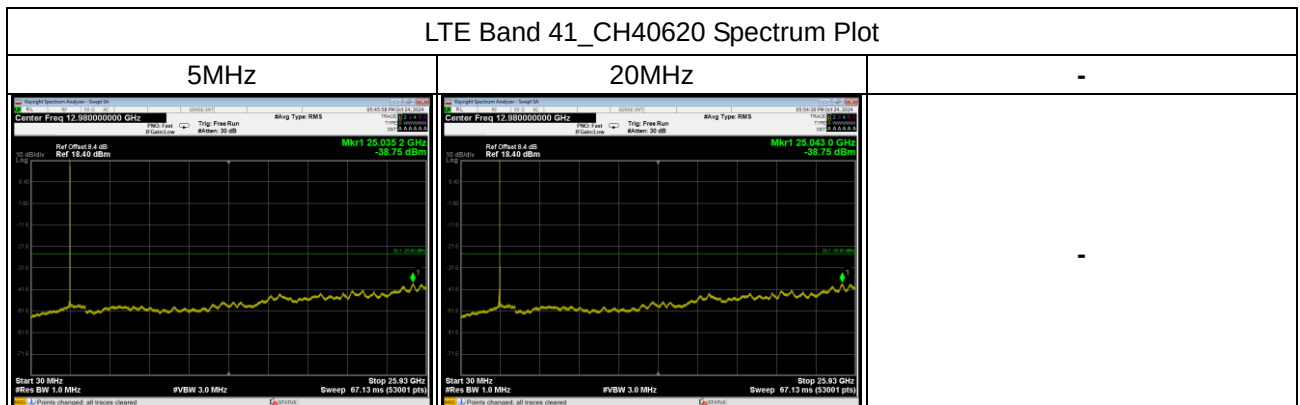
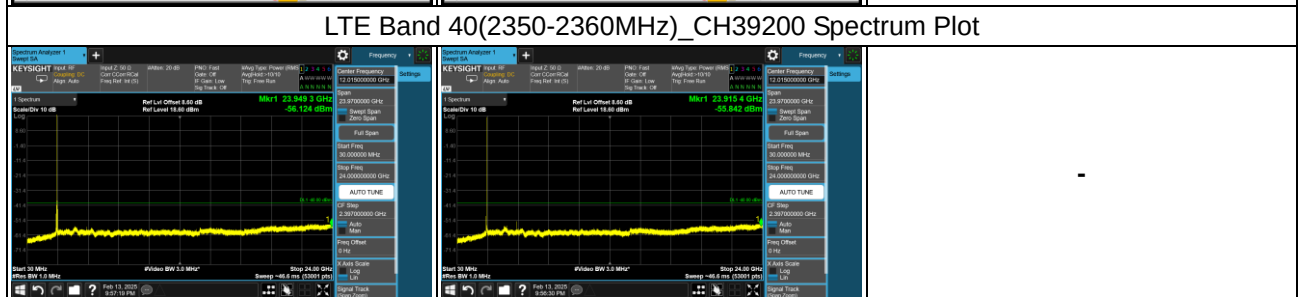
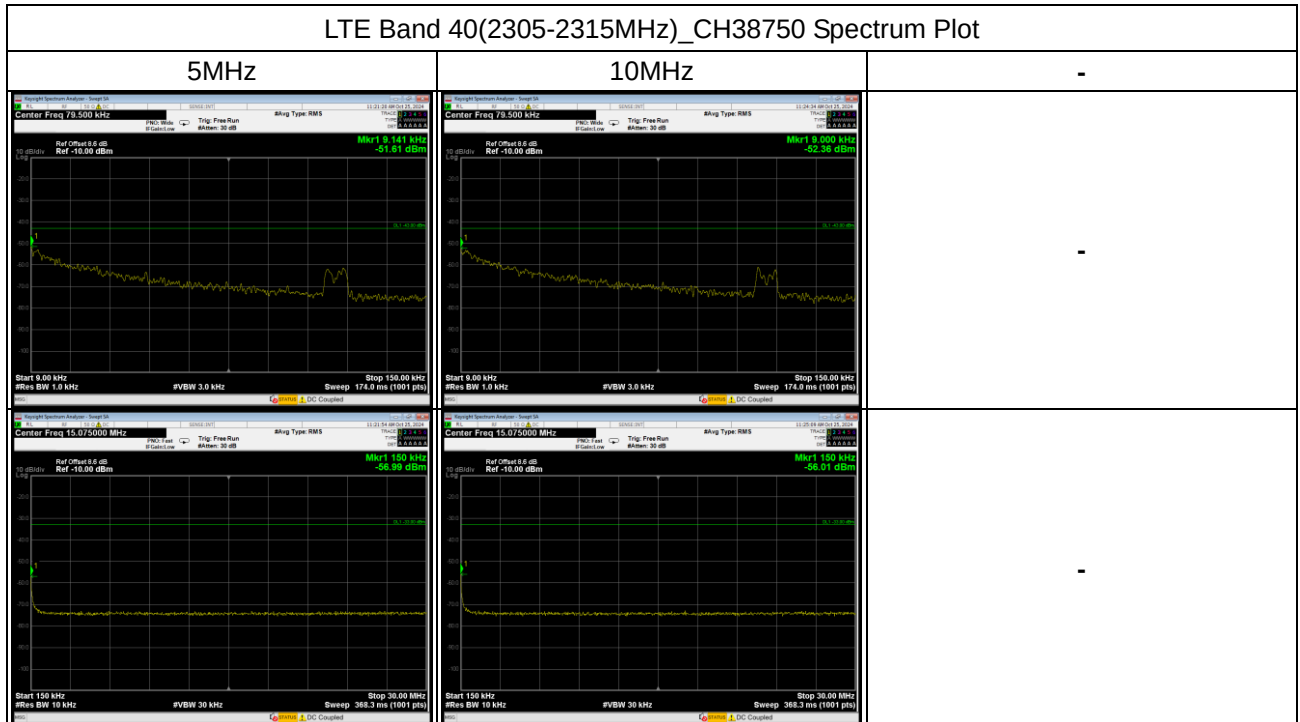
## LTE Band 7\_\_CH21100 Spectrum Plot

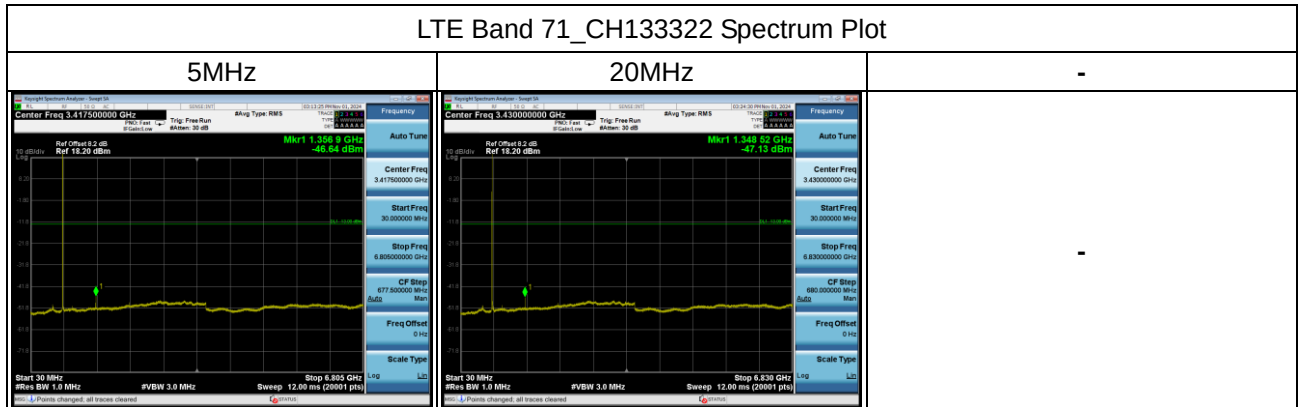
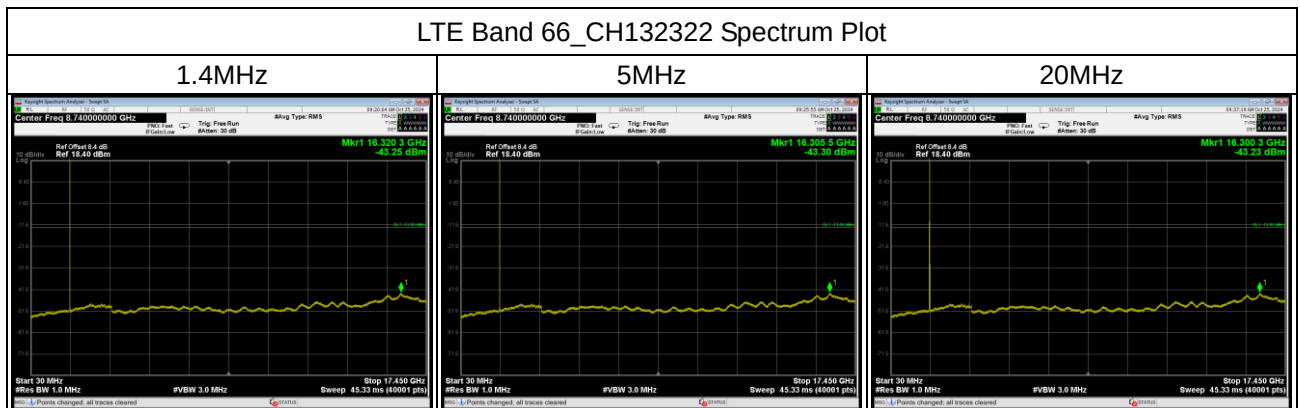
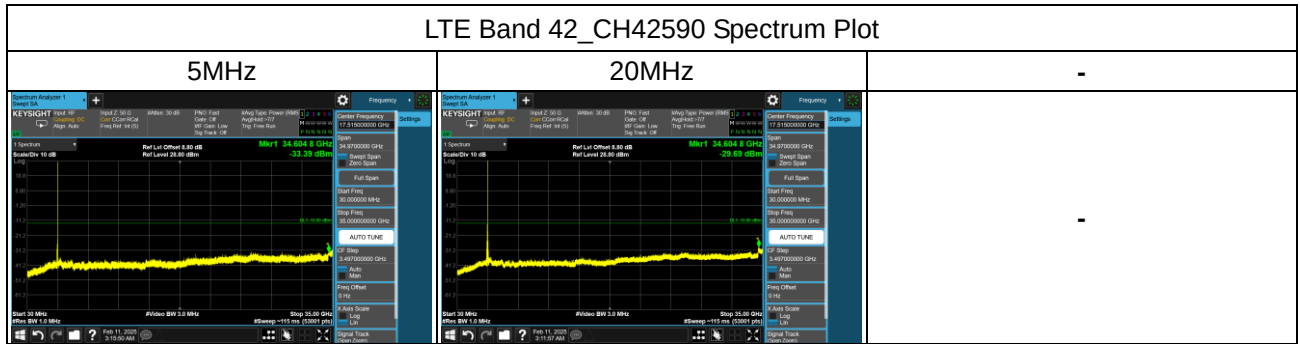


## LTE Band 12\_\_CH23095 Spectrum Plot





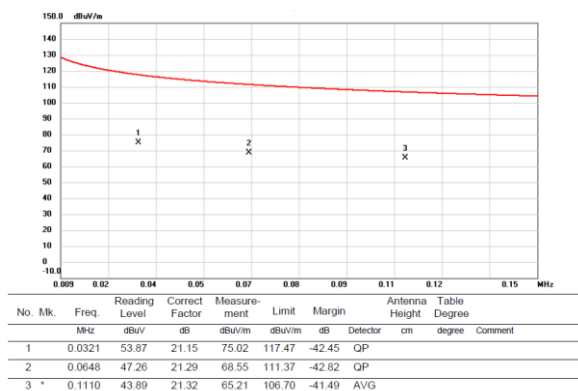




## **APPENDIX D - RADIATED SPURIOUS EMISSIONS (9KHZ TO 30MHZ)**

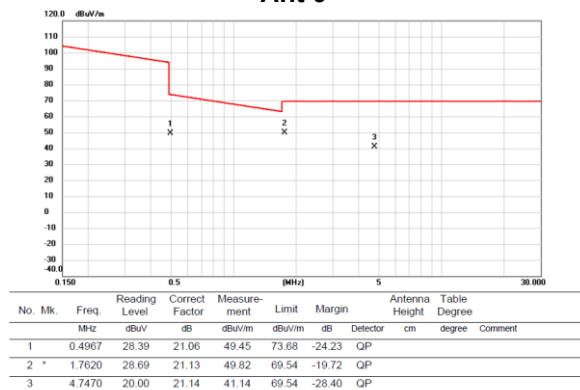
Test Mode : TX Mode

Ant 0°



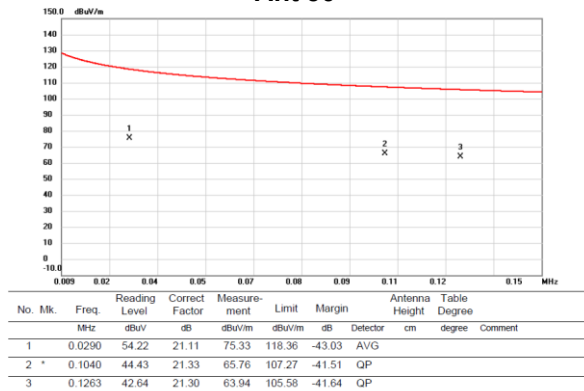
Test Mode : TX Mode

Ant 0°



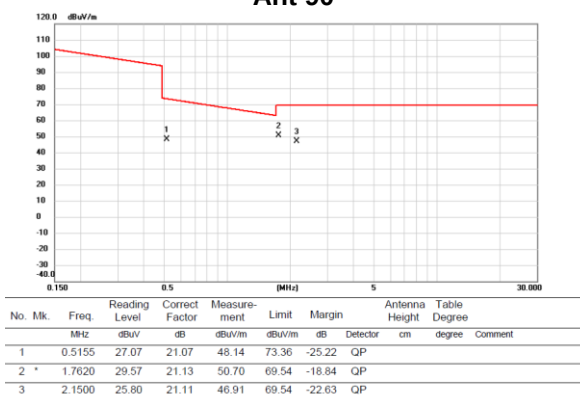
Test Mode : TX Mode

Ant 90°



Test Mode : TX Mode

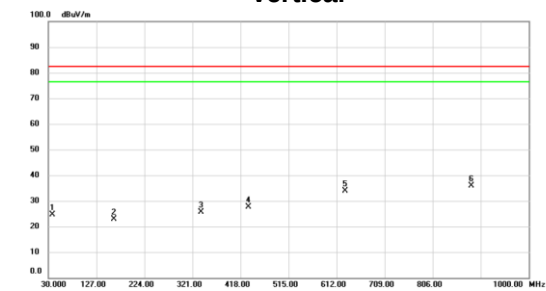
Ant 90°



## **APPENDIX E - RADIATED SPURIOUS EMISSIONS (30MHZ TO 1GHZ)**

Test Mode : WCDMA Band IV\_TX CH1413

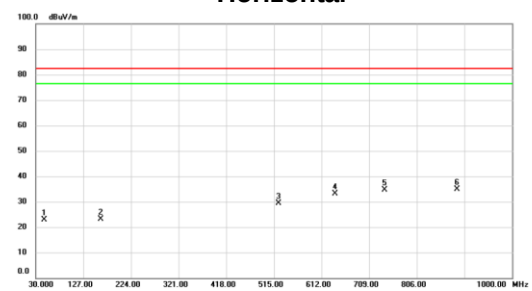
## Vertical



| No. Mk. | Freq. MHz | Reading Level dBμV | Correct Factor dB | Measurement dBμV/m | Limit dBμV/m | Margin dB | Detector | Comment |
|---------|-----------|--------------------|-------------------|--------------------|--------------|-----------|----------|---------|
| 1       | 38.245    | 36.48              | -11.94            | 24.54              | 82.30        | -57.76    | peak     |         |
| 2       | 162.405   | 33.88              | -10.94            | 22.94              | 82.30        | -59.36    | peak     |         |
| 3       | 337.975   | 35.11              | -9.56             | 25.55              | 82.30        | -56.75    | peak     |         |
| 4       | 434.490   | 34.92              | -7.17             | 27.75              | 82.30        | -54.55    | peak     |         |
| 5       | 629.460   | 36.99              | -3.15             | 33.84              | 82.30        | -48.46    | peak     |         |
| 6 *     | 883.600   | 35.79              | 0.07              | 35.86              | 82.30        | -46.44    | peak     |         |

Test Mode : WCDMA Band IV\_TX CH1413

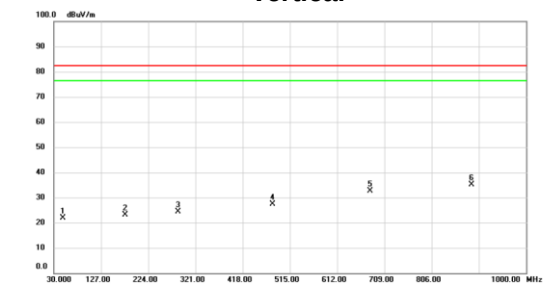
## Horizontal



| No. Mk. | Freq. MHz | Reading Level dBμV | Correct Factor dB | Measurement dBμV/m | Limit dBμV/m | Margin dB | Detector | Comment |
|---------|-----------|--------------------|-------------------|--------------------|--------------|-----------|----------|---------|
| 1       | 47.460    | 34.28              | -11.29            | 22.99              | 82.30        | -59.31    | peak     |         |
| 2       | 161.920   | 33.99              | -10.92            | 23.07              | 82.30        | -59.23    | peak     |         |
| 3       | 524.215   | 34.86              | -5.52             | 29.34              | 82.30        | -52.96    | peak     |         |
| 4       | 640.130   | 36.12              | -2.98             | 33.14              | 82.30        | -49.16    | peak     |         |
| 5       | 740.040   | 35.90              | -1.30             | 34.60              | 82.30        | -47.70    | peak     |         |
| 6 *     | 887.480   | 34.77              | 0.13              | 34.90              | 82.30        | -47.40    | peak     |         |

Test Mode : LTE Band 4\_TX CH20175\_1.4MHz

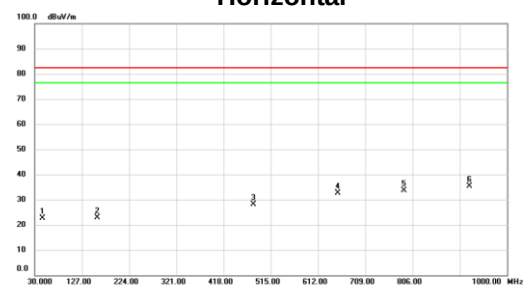
## Vertical



| No. Mk. | Freq. MHz | Reading Level dBμV | Correct Factor dB | Measurement dBμV/m | Limit dBμV/m | Margin dB | Detector | Comment |
|---------|-----------|--------------------|-------------------|--------------------|--------------|-----------|----------|---------|
| 1       | 48.430    | 33.22              | -11.27            | 21.95              | 82.30        | -60.35    | peak     |         |
| 2       | 176.470   | 35.15              | -11.91            | 23.24              | 82.30        | -59.06    | peak     |         |
| 3       | 285.595   | 35.16              | -10.87            | 24.29              | 82.30        | -58.01    | peak     |         |
| 4       | 479.110   | 33.66              | -6.33             | 27.33              | 82.30        | -54.97    | peak     |         |
| 5       | 679.900   | 35.26              | -2.51             | 32.75              | 82.30        | -49.55    | peak     |         |
| 6 *     | 887.965   | 35.06              | 0.13              | 35.19              | 82.30        | -47.11    | peak     |         |

Test Mode : LTE Band 4\_TX CH20175\_1.4MHz

## Horizontal

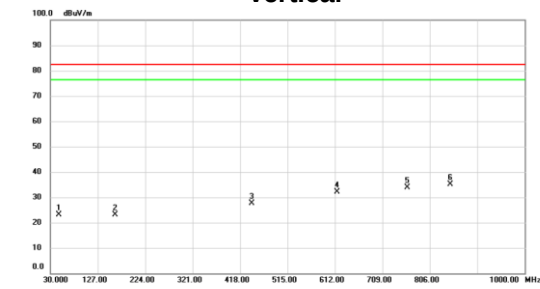


| No. Mk. | Freq. MHz | Reading Level dBμV | Correct Factor dB | Measurement dBμV/m | Limit dBμV/m | Margin dB | Detector | Comment |
|---------|-----------|--------------------|-------------------|--------------------|--------------|-----------|----------|---------|
| 1       | 46.490    | 33.88              | -11.30            | 22.58              | 82.30        | -59.72    | peak     |         |
| 2       | 158.525   | 33.78              | -10.89            | 22.89              | 82.30        | -59.41    | peak     |         |
| 3       | 479.110   | 34.53              | -6.33             | 28.20              | 82.30        | -54.10    | peak     |         |
| 4       | 653.225   | 35.39              | -2.79             | 32.60              | 82.30        | -49.70    | peak     |         |
| 5       | 788.055   | 34.94              | -1.21             | 33.73              | 82.30        | -48.57    | peak     |         |
| 6 *     | 922.885   | 35.06              | 0.41              | 35.47              | 82.30        | -46.83    | peak     |         |

Test Mode : LTE Band 4\_TX CH20175\_5MHz

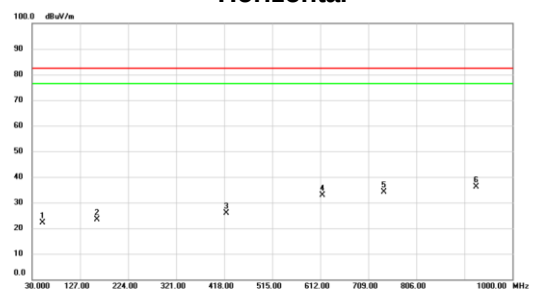
Test Mode : LTE Band 4\_TX CH20175\_5MHz

Vertical



| No. Msk | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measurement dBuV/m | Limit dBuV/m | Margin dB | Detector | Comment |
|---------|-----------|--------------------|-------------------|--------------------|--------------|-----------|----------|---------|
| 1       | 47.945    | 34.42              | -11.27            | 23.15              | 82.30        | -59.15    | peak     |         |
| 2       | 162.405   | 33.97              | -10.94            | 23.03              | 82.30        | -59.27    | peak     |         |
| 3       | 441.280   | 34.56              | -7.00             | 27.56              | 82.30        | -54.74    | peak     |         |
| 4       | 616.850   | 35.42              | -3.33             | 32.09              | 82.30        | -50.21    | peak     |         |
| 5       | 760.410   | 34.93              | -1.09             | 33.84              | 82.30        | -48.46    | peak     |         |
| 6 *     | 848.195   | 35.61              | -0.41             | 35.20              | 82.30        | -47.10    | peak     |         |

Horizontal

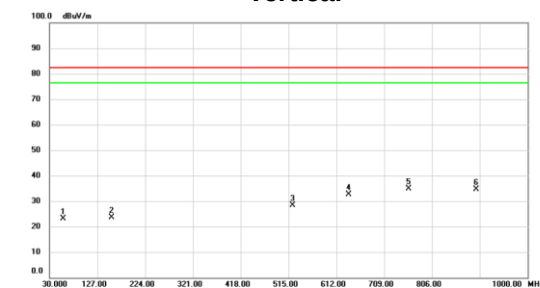


| No. Msk | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measurement dBuV/m | Limit dBuV/m | Margin dB | Detector | Comment |
|---------|-----------|--------------------|-------------------|--------------------|--------------|-----------|----------|---------|
| 1       | 51.825    | 33.38              | -11.31            | 22.07              | 82.30        | -60.23    | peak     |         |
| 2       | 161.435   | 34.25              | -10.90            | 23.35              | 82.30        | -58.95    | peak     |         |
| 3       | 422.850   | 33.44              | -7.46             | 25.98              | 82.30        | -56.32    | peak     |         |
| 4       | 616.850   | 36.19              | -3.33             | 32.86              | 82.30        | -49.44    | peak     |         |
| 5       | 740.040   | 35.55              | -1.30             | 34.25              | 82.30        | -48.05    | peak     |         |
| 6 *     | 927.250   | 35.64              | 0.43              | 36.07              | 82.30        | -46.23    | peak     |         |

Test Mode : LTE Band 4\_TX CH20175\_20MHz

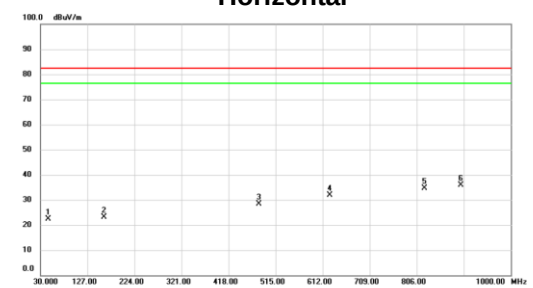
Test Mode : LTE Band 4\_TX CH20175\_20MHz

Vertical



| No. Msk | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measurement dBuV/m | Limit dBuV/m | Margin dB | Detector | Comment |
|---------|-----------|--------------------|-------------------|--------------------|--------------|-----------|----------|---------|
| 1       | 58.130    | 34.94              | -11.74            | 23.20              | 82.30        | -59.10    | peak     |         |
| 2       | 156.585   | 34.55              | -10.95            | 23.60              | 82.30        | -58.70    | peak     |         |
| 3       | 523.730   | 33.83              | -5.53             | 28.30              | 82.30        | -54.00    | peak     |         |
| 4       | 637.220   | 35.54              | -3.02             | 32.52              | 82.30        | -49.78    | peak     |         |
| 5 *     | 758.955   | 35.95              | -1.10             | 34.85              | 82.30        | -47.45    | peak     |         |
| 6       | 895.725   | 34.47              | 0.24              | 34.71              | 82.30        | -47.59    | peak     |         |

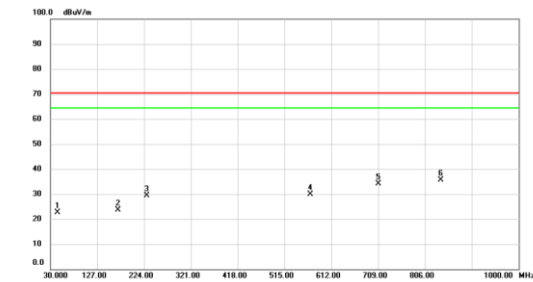
Horizontal



| No. Msk | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measurement dBuV/m | Limit dBuV/m | Margin dB | Detector | Comment |
|---------|-----------|--------------------|-------------------|--------------------|--------------|-----------|----------|---------|
| 1       | 46.490    | 33.66              | -11.30            | 22.36              | 82.30        | -59.94    | peak     |         |
| 2       | 160.950   | 33.97              | -10.88            | 23.09              | 82.30        | -59.21    | peak     |         |
| 3       | 481.050   | 34.74              | -6.31             | 28.43              | 82.30        | -53.87    | peak     |         |
| 4       | 626.550   | 35.16              | -3.19             | 31.97              | 82.30        | -50.33    | peak     |         |
| 5       | 822.005   | 35.41              | -0.87             | 34.54              | 82.30        | -47.76    | peak     |         |
| 6 *     | 897.180   | 35.55              | 0.26              | 35.81              | 82.30        | -46.49    | peak     |         |

Test Mode : LTE Band 7\_TX CH21100\_5MHz

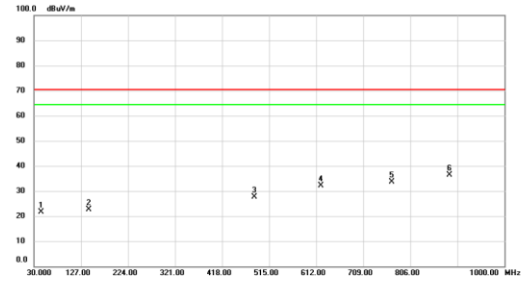
## Vertical



| No. Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measurement dBuV/m | Limit dBuV/m | Margin dB | Detector | Comment |
|---------|-----------|--------------------|-------------------|--------------------|--------------|-----------|----------|---------|
| 1       | 44.550    | 34.10              | -11.38            | 22.72              | 70.30        | -47.58    | peak     |         |
| 2       | 170.165   | 34.79              | -11.27            | 23.52              | 70.30        | -46.78    | peak     |         |
| 3       | 229.820   | 42.91              | -13.61            | 29.30              | 70.30        | -41.00    | peak     |         |
| 4       | 568.835   | 34.40              | -4.47             | 29.93              | 70.30        | -40.37    | peak     |         |
| 5       | 709.970   | 36.29              | -2.06             | 34.23              | 70.30        | -36.07    | peak     |         |
| 6 *     | 839.465   | 36.07              | -0.56             | 35.51              | 70.30        | -34.79    | peak     |         |

Test Mode : LTE Band 7\_TX CH21100\_5MHz

## Horizontal



| No. Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measurement dBuV/m | Limit dBuV/m | Margin dB | Detector | Comment |
|---------|-----------|--------------------|-------------------|--------------------|--------------|-----------|----------|---------|
| 1       | 45.035    | 33.02              | -11.36            | 21.66              | 70.30        | -48.64    | peak     |         |
| 2       | 143.490   | 34.10              | -11.50            | 22.60              | 70.30        | -47.70    | peak     |         |
| 3       | 484.930   | 33.97              | -6.24             | 27.73              | 70.30        | -42.57    | peak     |         |
| 4       | 621.215   | 35.35              | -3.27             | 32.08              | 70.30        | -38.22    | peak     |         |
| 5       | 767.200   | 34.83              | -1.12             | 33.71              | 70.30        | -36.59    | peak     |         |
| 6 *     | 886.510   | 36.28              | 0.12              | 36.40              | 70.30        | -33.90    | peak     |         |

Test Mode : LTE Band 7\_TX CH21100\_20MHz

## Vertical



| No. Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measurement dBuV/m | Limit dBuV/m | Margin dB | Detector | Comment |
|---------|-----------|--------------------|-------------------|--------------------|--------------|-----------|----------|---------|
| 1       | 45.035    | 34.75              | -11.36            | 23.39              | 70.30        | -46.91    | peak     |         |
| 2       | 163.375   | 37.96              | -10.98            | 26.98              | 70.30        | -43.32    | peak     |         |
| 3       | 461.165   | 34.78              | -6.61             | 28.17              | 70.30        | -42.13    | peak     |         |
| 4       | 630.430   | 36.37              | -3.13             | 33.24              | 70.30        | -37.06    | peak     |         |
| 5       | 758.470   | 35.23              | -1.09             | 34.14              | 70.30        | -36.16    | peak     |         |
| 6 *     | 890.875   | 35.48              | 0.17              | 35.65              | 70.30        | -34.65    | peak     |         |

Test Mode : LTE Band 7\_TX CH21100\_20MHz

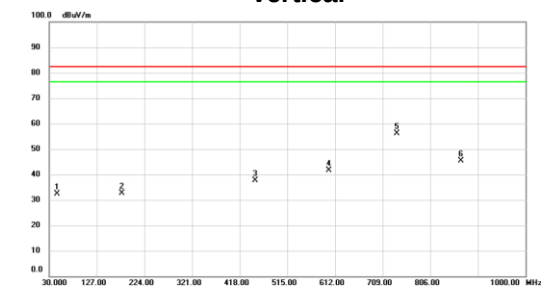
## Horizontal



| No. Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measurement dBuV/m | Limit dBuV/m | Margin dB | Detector | Comment |
|---------|-----------|--------------------|-------------------|--------------------|--------------|-----------|----------|---------|
| 1       | 48.915    | 34.45              | -11.27            | 23.18              | 70.30        | -47.12    | peak     |         |
| 2       | 171.135   | 34.15              | -11.37            | 22.78              | 70.30        | -47.52    | peak     |         |
| 3       | 509.665   | 34.61              | -5.81             | 28.80              | 70.30        | -41.50    | peak     |         |
| 4       | 615.880   | 36.18              | -3.35             | 32.83              | 70.30        | -37.47    | peak     |         |
| 5       | 797.270   | 35.59              | -1.25             | 34.34              | 70.30        | -35.96    | peak     |         |
| 6 *     | 908.335   | 35.62              | 0.33              | 35.95              | 70.30        | -34.35    | peak     |         |

Test Mode : LTE Band 12\_TX CH23095\_1.4MHz

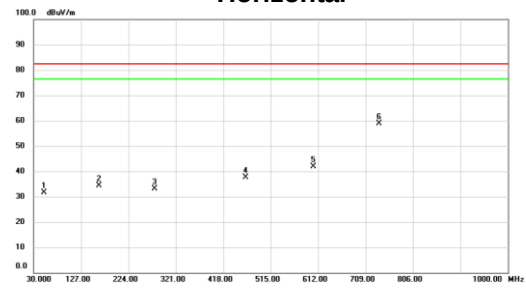
Vertical



| No. Msk | Freq. MHz | Reading Level dBμV | Correct Factor dB | Measurement dBμV/m | Limit dBμV/m | Margin dB | Detector | Comment |
|---------|-----------|--------------------|-------------------|--------------------|--------------|-----------|----------|---------|
| 1       | 46.490    | 33.57              | -1.30             | 32.27              | 82.30        | -50.03    | peak     |         |
| 2       | 178.410   | 34.72              | -2.10             | 32.62              | 82.30        | -49.68    | peak     |         |
| 3       | 450.010   | 34.41              | 3.22              | 37.63              | 82.30        | -44.67    | peak     |         |
| 4       | 599.390   | 35.35              | 6.38              | 41.73              | 82.30        | -40.57    | peak     |         |
| 5 *     | 737.615   | 47.43              | 8.64              | 56.07              | 82.30        | -26.23    | peak     |         |
| 6       | 868.565   | 35.61              | 9.87              | 45.48              | 82.30        | -36.82    | peak     |         |

Test Mode : LTE Band 12\_TX CH23095\_1.4MHz

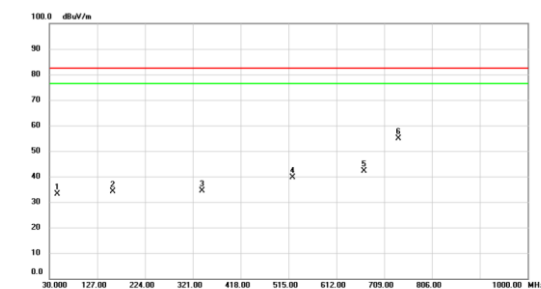
Horizontal



| No. Msk | Freq. MHz | Reading Level dBμV | Correct Factor dB | Measurement dBμV/m | Limit dBμV/m | Margin dB | Detector | Comment |
|---------|-----------|--------------------|-------------------|--------------------|--------------|-----------|----------|---------|
| 1       | 51.825    | 33.04              | -1.31             | 31.73              | 82.30        | -50.57    | peak     |         |
| 2       | 164.345   | 35.49              | -1.01             | 34.48              | 82.30        | -47.82    | peak     |         |
| 3       | 277.350   | 34.33              | -1.17             | 33.16              | 82.30        | -49.14    | peak     |         |
| 4       | 463.590   | 34.10              | 3.43              | 37.53              | 82.30        | -44.77    | peak     |         |
| 5       | 602.785   | 35.43              | 6.45              | 41.88              | 82.30        | -40.42    | peak     |         |
| 6 *     | 737.130   | 50.32              | 8.62              | 58.94              | 82.30        | -23.36    | peak     |         |

Test Mode : LTE Band 12\_TX CH23095\_5MHz

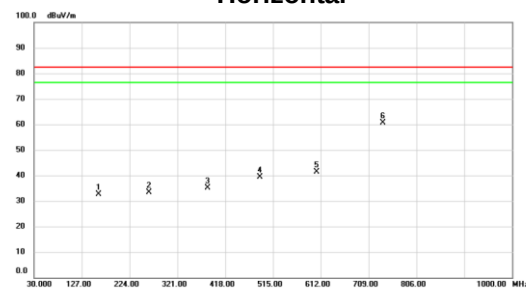
Vertical



| No. Msk | Freq. MHz | Reading Level dBμV | Correct Factor dB | Measurement dBμV/m | Limit dBμV/m | Margin dB | Detector | Comment |
|---------|-----------|--------------------|-------------------|--------------------|--------------|-----------|----------|---------|
| 1       | 46.490    | 34.38              | -1.30             | 33.08              | 82.30        | -49.22    | peak     |         |
| 2       | 156.040   | 35.00              | -0.91             | 34.09              | 82.30        | -48.21    | peak     |         |
| 3       | 339.430   | 34.00              | 0.45              | 34.45              | 82.30        | -47.85    | peak     |         |
| 4       | 523.245   | 35.07              | 4.46              | 39.53              | 82.30        | -42.77    | peak     |         |
| 5       | 668.260   | 34.89              | 7.36              | 42.25              | 82.30        | -40.05    | peak     |         |
| 6 *     | 737.615   | 46.35              | 8.64              | 54.99              | 82.30        | -27.31    | peak     |         |

Test Mode : LTE Band 12\_TX CH23095\_5MHz

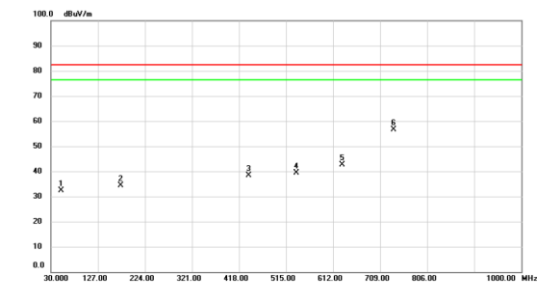
Horizontal



| No. Msk | Freq. MHz | Reading Level dBμV | Correct Factor dB | Measurement dBμV/m | Limit dBμV/m | Margin dB | Detector | Comment |
|---------|-----------|--------------------|-------------------|--------------------|--------------|-----------|----------|---------|
| 1       | 160.950   | 33.60              | -0.88             | 32.72              | 82.30        | -49.58    | peak     |         |
| 2       | 263.285   | 35.27              | -1.89             | 33.38              | 82.30        | -48.92    | peak     |         |
| 3       | 382.595   | 33.70              | 1.46              | 35.16              | 82.30        | -47.14    | peak     |         |
| 4       | 488.325   | 35.66              | 3.81              | 39.47              | 82.30        | -42.83    | peak     |         |
| 5       | 603.270   | 35.03              | 6.46              | 41.49              | 82.30        | -40.81    | peak     |         |
| 6 *     | 738.100   | 51.95              | 8.65              | 60.60              | 82.30        | -21.70    | peak     |         |

Test Mode : LTE Band 12\_TX CH23095\_10MHz

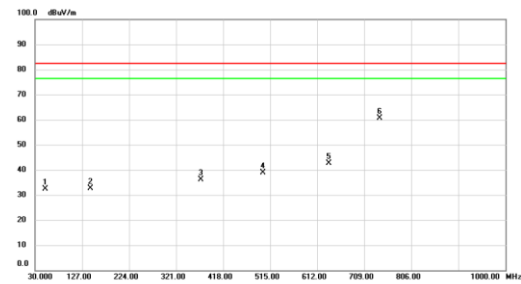
## Vertical



| No. | Mk. | Freq.   | Reading Level | Correct Factor | Measurement | Limit  | Margin | Detector | Comment |
|-----|-----|---------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz     | dBμV          | dB             | dBμV/m      | dBμV/m | dB     |          |         |
| 1   |     | 50.855  | 33.56         | -1.30          | 32.26       | 82.30  | -50.04 | peak     |         |
| 2   |     | 174.045 | 36.16         | -1.66          | 34.50       | 82.30  | -47.80 | peak     |         |
| 3   |     | 437.885 | 35.35         | 2.92           | 38.27       | 82.30  | -44.03 | peak     |         |
| 4   |     | 536.340 | 34.68         | 4.72           | 39.40       | 82.30  | -42.90 | peak     |         |
| 5   |     | 630.915 | 35.72         | 6.88           | 42.60       | 82.30  | -39.70 | peak     |         |
| 6   | *   | 736.160 | 48.08         | 8.60           | 56.68       | 82.30  | -25.62 | peak     |         |

Test Mode : LTE Band 12\_TX CH23095\_10MHz

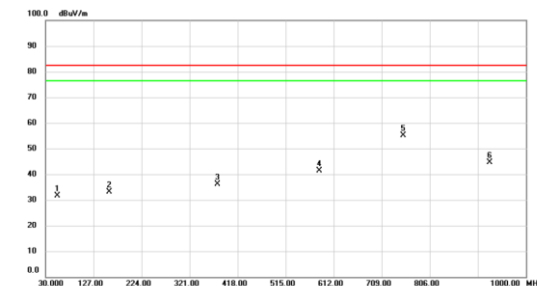
## Horizontal



| No. | Mk. | Freq.   | Reading Level | Correct Factor | Measurement | Limit  | Margin | Detector | Comment |
|-----|-----|---------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz     | dBμV          | dB             | dBμV/m      | dBμV/m | dB     |          |         |
| 1   |     | 50.855  | 33.56         | -1.30          | 32.26       | 82.30  | -50.04 | peak     |         |
| 2   |     | 144.460 | 34.02         | -1.46          | 32.56       | 82.30  | -49.74 | peak     |         |
| 3   |     | 372.410 | 35.01         | 1.09           | 36.10       | 82.30  | -46.20 | peak     |         |
| 4   |     | 499.965 | 34.95         | 3.98           | 38.93       | 82.30  | -43.37 | peak     |         |
| 5   |     | 636.250 | 35.72         | 6.97           | 42.69       | 82.30  | -39.61 | peak     |         |
| 6   | *   | 740.040 | 51.83         | 8.70           | 60.53       | 82.30  | -21.77 | peak     |         |

Test Mode : LTE Band 13\_TX CH23230\_5MHz

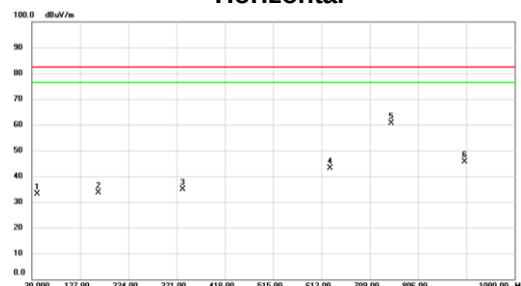
## Vertical



| No. | Mk. | Freq.   | Reading Level | Correct Factor | Measurement | Limit  | Margin | Detector | Comment |
|-----|-----|---------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz     | dBμV          | dB             | dBμV/m      | dBμV/m | dB     |          |         |
| 1   |     | 54.250  | 32.96         | -1.42          | 31.54       | 82.30  | -50.76 | peak     |         |
| 2   |     | 158.525 | 34.07         | -0.89          | 33.18       | 82.30  | -49.12 | peak     |         |
| 3   |     | 377.260 | 34.97         | 1.27           | 36.24       | 82.30  | -46.06 | peak     |         |
| 4   |     | 582.415 | 35.47         | 5.91           | 41.38       | 82.30  | -40.92 | peak     |         |
| 5   | *   | 752.650 | 46.16         | 8.93           | 55.09       | 82.30  | -27.21 | peak     |         |
| 6   |     | 927.250 | 34.22         | 10.43          | 44.65       | 82.30  | -37.65 | peak     |         |

Test Mode : LTE Band 13\_TX CH23230\_5MHz

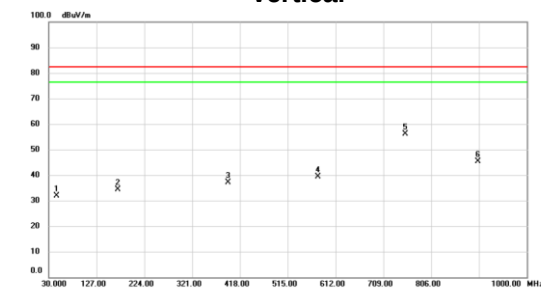
## Horizontal



| No. | Mk. | Freq.   | Reading Level | Correct Factor | Measurement | Limit  | Margin | Detector | Comment |
|-----|-----|---------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz     | dBμV          | dB             | dBμV/m      | dBμV/m | dB     |          |         |
| 1   |     | 40.670  | 34.71         | -1.69          | 33.02       | 82.30  | -49.28 | peak     |         |
| 2   |     | 163.375 | 34.54         | -0.98          | 33.56       | 82.30  | -48.74 | peak     |         |
| 3   |     | 333.610 | 34.52         | 0.38           | 34.90       | 82.30  | -47.40 | peak     |         |
| 4   |     | 629.945 | 36.16         | 6.86           | 43.02       | 82.30  | -39.28 | peak     |         |
| 5   | *   | 752.650 | 51.64         | 8.93           | 60.57       | 82.30  | -21.73 | peak     |         |
| 6   |     | 899.605 | 35.29         | 10.30          | 45.59       | 82.30  | -36.71 | peak     |         |

Test Mode : LTE Band 13\_TX CH23230\_10MHz

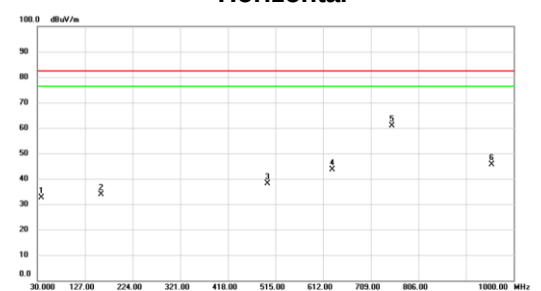
Vertical



| No. Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measurement dBuV/m | Limit dBuV/m | Margin dB | Detector | Comment |
|---------|-----------|--------------------|-------------------|--------------------|--------------|-----------|----------|---------|
| 1       | 46.005    | 33.07              | -1.31             | 31.76              | 82.30        | -50.54    | peak     |         |
| 2       | 170.650   | 35.72              | -1.32             | 34.40              | 82.30        | -47.90    | peak     |         |
| 3       | 394.235   | 35.16              | 1.85              | 37.01              | 82.30        | -45.29    | peak     |         |
| 4       | 576.110   | 33.72              | 5.73              | 39.45              | 82.30        | -42.85    | peak     |         |
| 5 *     | 754.105   | 47.22              | 8.93              | 56.15              | 82.30        | -26.15    | peak     |         |
| 6       | 900.575   | 35.15              | 10.30             | 45.45              | 82.30        | -36.85    | peak     |         |

Test Mode : LTE Band 13\_TX CH23230\_10MHz

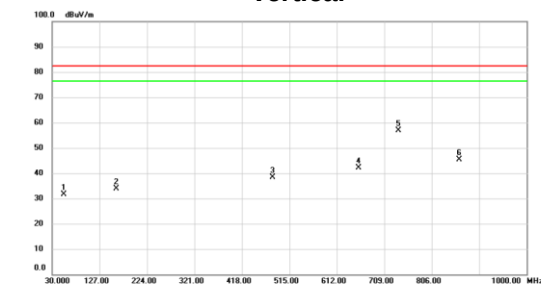
Horizontal



| No. Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measurement dBuV/m | Limit dBuV/m | Margin dB | Detector | Comment |
|---------|-----------|--------------------|-------------------|--------------------|--------------|-----------|----------|---------|
| 1       | 38.245    | 34.63              | -1.94             | 32.69              | 82.30        | -49.61    | peak     |         |
| 2       | 160.465   | 34.78              | -0.86             | 33.92              | 82.30        | -48.38    | peak     |         |
| 3       | 498.510   | 34.22              | 3.96              | 38.18              | 82.30        | -44.12    | peak     |         |
| 4       | 630.430   | 36.82              | 6.87              | 43.69              | 82.30        | -38.61    | peak     |         |
| 5 *     | 751.680   | 51.85              | 8.93              | 60.78              | 82.30        | -21.52    | peak     |         |
| 6       | 955.865   | 35.08              | 10.60             | 45.68              | 82.30        | -36.62    | peak     |         |

Test Mode : LTE Band 17\_TX CH23790\_5MHz

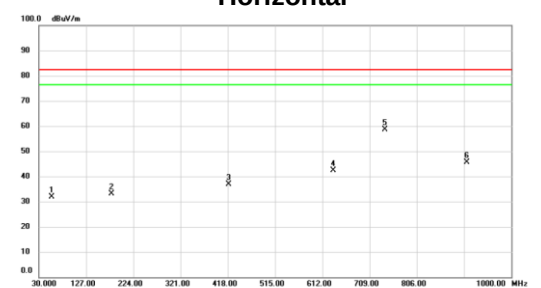
Vertical



| No. Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measurement dBuV/m | Limit dBuV/m | Margin dB | Detector | Comment |
|---------|-----------|--------------------|-------------------|--------------------|--------------|-----------|----------|---------|
| 1       | 53.280    | 33.03              | -1.36             | 31.67              | 82.30        | -50.63    | peak     |         |
| 2       | 160.950   | 34.84              | -0.88             | 33.96              | 82.30        | -48.34    | peak     |         |
| 3       | 481.050   | 34.58              | 3.69              | 38.27              | 82.30        | -44.03    | peak     |         |
| 4       | 656.135   | 34.99              | 7.24              | 42.23              | 82.30        | -40.07    | peak     |         |
| 5 *     | 738.100   | 48.23              | 8.65              | 56.88              | 82.30        | -25.42    | peak     |         |
| 6       | 861.775   | 35.52              | 9.77              | 45.29              | 82.30        | -37.01    | peak     |         |

Test Mode : LTE Band 17\_TX CH23790\_5MHz

Horizontal

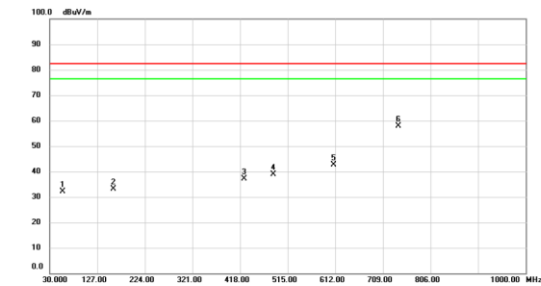


| No. Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measurement dBuV/m | Limit dBuV/m | Margin dB | Detector | Comment |
|---------|-----------|--------------------|-------------------|--------------------|--------------|-----------|----------|---------|
| 1       | 56.675    | 33.49              | -1.61             | 31.88              | 82.30        | -50.42    | peak     |         |
| 2       | 179.380   | 35.23              | -2.20             | 33.03              | 82.30        | -49.27    | peak     |         |
| 3       | 420.425   | 34.49              | 2.48              | 36.97              | 82.30        | -45.33    | peak     |         |
| 4       | 634.310   | 35.55              | 6.93              | 42.48              | 82.30        | -39.82    | peak     |         |
| 5 *     | 740.525   | 49.89              | 8.71              | 58.60              | 82.30        | -23.70    | peak     |         |
| 6       | 908.335   | 35.35              | 10.33             | 45.68              | 82.30        | -36.62    | peak     |         |

Test Mode : LTE Band 17\_TX CH23790\_10MHz

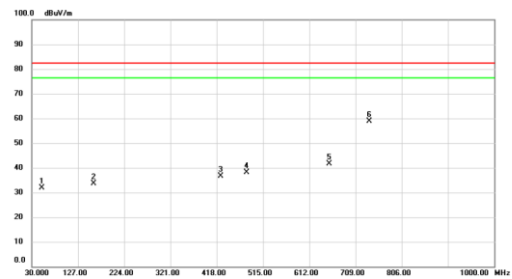
Test Mode : LTE Band 17\_TX CH23790\_10MHz

Vertical



| No. Mks | Freq.   | Reading Level | Correct Factor | Measurement | Limit | Margin | Detector | Comment |
|---------|---------|---------------|----------------|-------------|-------|--------|----------|---------|
| MHz     | dBuV    | dB            | dBuV/m         | dBuV/m      | dB    |        |          |         |
| 1       | 56.190  | 33.64         | -1.56          | 32.08       | 82.30 | -50.22 | peak     |         |
| 2       | 159.495 | 33.87         | -0.85          | 33.02       | 82.30 | -49.28 | peak     |         |
| 3       | 425.760 | 34.39         | 2.62           | 37.01       | 82.30 | -45.29 | peak     |         |
| 4       | 485.900 | 35.11         | 3.77           | 38.88       | 82.30 | -43.42 | peak     |         |
| 5       | 608.605 | 36.00         | 6.54           | 42.54       | 82.30 | -39.76 | peak     |         |
| 6 *     | 741.010 | 49.17         | 8.72           | 57.89       | 82.30 | -24.41 | peak     |         |

Horizontal

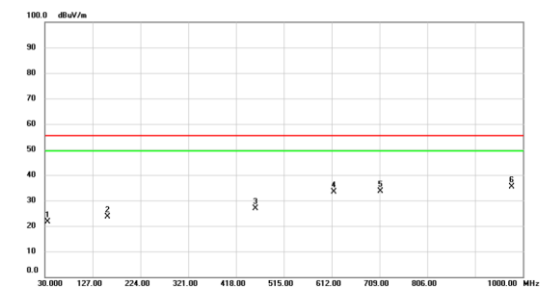


| No. Mks | Freq.   | Reading Level | Correct Factor | Measurement | Limit | Margin | Detector | Comment |
|---------|---------|---------------|----------------|-------------|-------|--------|----------|---------|
| MHz     | dBuV    | dB            | dBuV/m         | dBuV/m      | dB    |        |          |         |
| 1       | 50.855  | 33.08         | -1.30          | 31.78       | 82.30 | -50.52 | peak     |         |
| 2       | 159.495 | 34.43         | -0.85          | 33.58       | 82.30 | -48.72 | peak     |         |
| 3       | 426.730 | 33.00         | 2.64           | 36.54       | 82.30 | -45.76 | peak     |         |
| 4       | 481.050 | 34.39         | 3.69           | 38.08       | 82.30 | -44.22 | peak     |         |
| 5       | 654.195 | 34.51         | 7.22           | 41.73       | 82.30 | -40.57 | peak     |         |
| 6 *     | 738.100 | 50.26         | 8.65           | 58.91       | 82.30 | -23.39 | peak     |         |

Test Mode : LTE Band 30\_TX CH27710\_5MHz

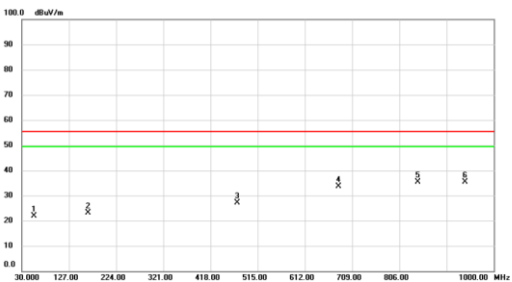
Test Mode : LTE Band 30\_TX CH27710\_5MHz

Vertical



| No. Mks | Freq.   | Reading Level | Correct Factor | Measurement | Limit | Margin | Detector | Comment |
|---------|---------|---------------|----------------|-------------|-------|--------|----------|---------|
| MHz     | dBuV    | dB            | dBuV/m         | dBuV/m      | dB    |        |          |         |
| 1       | 35.335  | 33.99         | -12.26         | 21.73       | 55.30 | -33.57 | peak     |         |
| 2       | 157.070 | 34.48         | -10.94         | 23.54       | 55.30 | -31.76 | peak     |         |
| 3       | 456.800 | 33.57         | -6.68          | 26.89       | 55.30 | -28.41 | peak     |         |
| 4       | 616.850 | 36.74         | -3.33          | 33.41       | 55.30 | -21.89 | peak     |         |
| 5       | 710.940 | 35.64         | -2.04          | 33.60       | 55.30 | -21.70 | peak     |         |
| 6 *     | 977.205 | 34.64         | 0.78           | 35.42       | 55.30 | -19.88 | peak     |         |

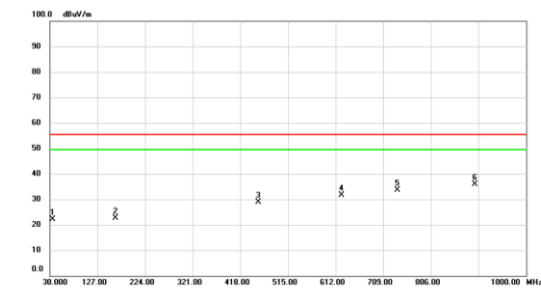
Horizontal



| No. Mks | Freq.   | Reading Level | Correct Factor | Measurement | Limit | Margin | Detector | Comment |
|---------|---------|---------------|----------------|-------------|-------|--------|----------|---------|
| MHz     | dBuV    | dB            | dBuV/m         | dBuV/m      | dB    |        |          |         |
| 1       | 55.220  | 33.24         | -11.48         | 21.76       | 55.30 | -33.54 | peak     |         |
| 2       | 166.770 | 34.31         | -11.12         | 23.19       | 55.30 | -32.11 | peak     |         |
| 3       | 472.320 | 33.50         | -6.45          | 27.05       | 55.30 | -28.25 | peak     |         |
| 4       | 680.870 | 36.23         | -2.50          | 33.73       | 55.30 | -21.57 | peak     |         |
| 5       | 844.315 | 35.76         | -0.48          | 35.28       | 55.30 | -20.02 | peak     |         |
| 6 *     | 941.315 | 34.99         | 0.51           | 35.50       | 55.30 | -19.80 | peak     |         |

Test Mode : LTE Band 30\_TX CH27710\_10MHz

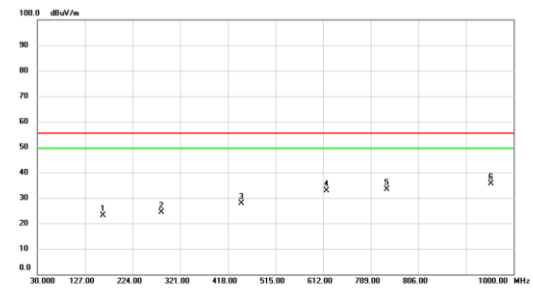
Vertical



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|--------------|----------|---------|
| 1   |     | 35.335       | 34.44                    | -12.26                  | 22.18                      | 55.30           | -33.12       | peak     |         |
| 2   |     | 164.345      | 33.64                    | -11.01                  | 22.63                      | 55.30           | -32.67       | peak     |         |
| 3   |     | 454.860      | 35.55                    | -6.70                   | 28.85                      | 55.30           | -26.45       | peak     |         |
| 4   |     | 623.640      | 34.92                    | -3.24                   | 31.68                      | 55.30           | -23.62       | peak     |         |
| 5   |     | 737.615      | 35.00                    | -1.36                   | 33.64                      | 55.30           | -21.66       | peak     |         |
| 6   | *   | 895.240      | 35.73                    | 0.23                    | 35.96                      | 55.30           | -19.34       | peak     |         |

Test Mode : LTE Band 30\_TX CH27710\_10MHz

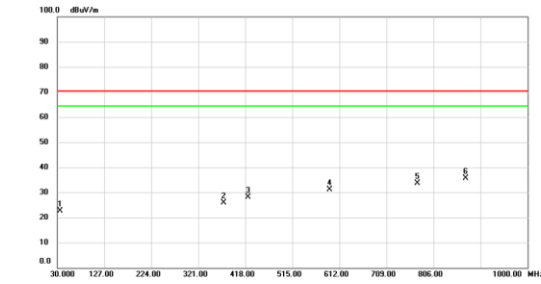
Horizontal



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|--------------|----------|---------|
| 1   |     | 163.375      | 34.09                    | -10.98                  | 23.11                      | 55.30           | -32.19       | peak     |         |
| 2   |     | 282.685      | 35.27                    | -10.95                  | 24.32                      | 55.30           | -30.98       | peak     |         |
| 3   |     | 445.645      | 34.77                    | -6.88                   | 27.89                      | 55.30           | -27.41       | peak     |         |
| 4   |     | 610.275      | 36.21                    | -3.30                   | 32.91                      | 55.30           | -22.39       | peak     |         |
| 5   |     | 741.980      | 34.68                    | -1.25                   | 33.43                      | 55.30           | -21.87       | peak     |         |
| 6   | *   | 953.440      | 34.95                    | 0.57                    | 35.52                      | 55.30           | -19.78       | peak     |         |

Test Mode : LTE Band 38\_TX CH38000\_5MHz

Vertical



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|--------------|----------|---------|
| 1   |     | 35.335       | 34.79                    | -12.26                  | 22.53                      | 70.30           | -47.77       | peak     |         |
| 2   |     | 373.380      | 34.67                    | -8.87                   | 25.80                      | 70.30           | -44.50       | peak     |         |
| 3   |     | 423.335      | 35.55                    | -7.45                   | 28.10                      | 70.30           | -42.20       | peak     |         |
| 4   |     | 591.630      | 34.86                    | -3.82                   | 31.04                      | 70.30           | -39.26       | peak     |         |
| 5   |     | 773.020      | 34.76                    | -1.15                   | 33.61                      | 70.30           | -36.69       | peak     |         |
| 6   | *   | 872.930      | 35.79                    | -0.07                   | 35.72                      | 70.30           | -34.58       | peak     |         |

Test Mode : LTE Band 38\_TX CH38000\_5MHz

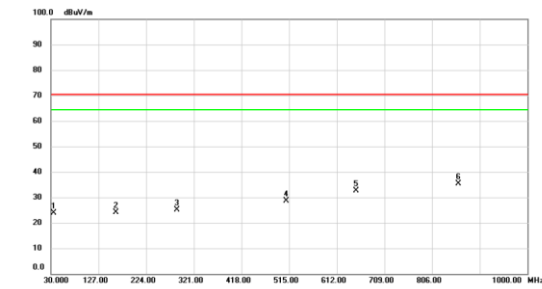
Horizontal



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|--------------|----------|---------|
| 1   |     | 37.760       | 34.14                    | -12.01                  | 22.13                      | 70.30           | -48.17       | peak     |         |
| 2   |     | 159.495      | 34.35                    | -10.85                  | 23.50                      | 70.30           | -46.80       | peak     |         |
| 3   |     | 452.920      | 34.47                    | -6.73                   | 27.74                      | 70.30           | -42.56       | peak     |         |
| 4   |     | 576.110      | 34.41                    | -4.27                   | 30.14                      | 70.30           | -40.16       | peak     |         |
| 5   |     | 732.765      | 35.92                    | -1.49                   | 34.43                      | 70.30           | -35.87       | peak     |         |
| 6   | *   | 924.340      | 34.48                    | 0.41                    | 34.89                      | 70.30           | -35.41       | peak     |         |

Test Mode : LTE Band 38\_TX CH38000\_20MHz

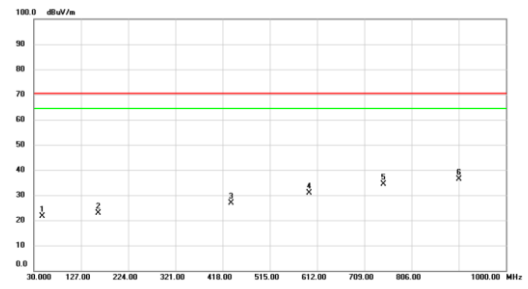
Vertical



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBμV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBμV/m | Limit<br>dBμV/m | Margin<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|--------------|----------|---------|
| 1   |     | 36.305       | 35.95                    | -12.17                  | 23.78                      | 70.30           | -46.52       | peak     |         |
| 2   |     | 161.920      | 34.96                    | -10.92                  | 24.04                      | 70.30           | -46.26       | peak     |         |
| 3   |     | 287.050      | 35.89                    | -10.83                  | 25.06                      | 70.30           | -45.24       | peak     |         |
| 4   |     | 509.180      | 34.41                    | -5.83                   | 28.58                      | 70.30           | -41.72       | peak     |         |
| 5   |     | 651.770      | 35.34                    | -2.81                   | 32.53                      | 70.30           | -37.77       | peak     |         |
| 6 * |     | 859.835      | 35.52                    | -0.25                   | 35.27                      | 70.30           | -35.03       | peak     |         |

Test Mode : LTE Band 38\_TX CH38000\_20MHz

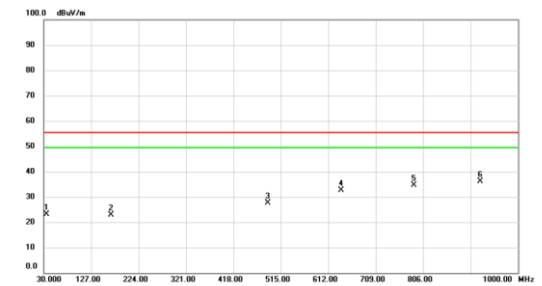
Horizontal



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBμV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBμV/m | Limit<br>dBμV/m | Margin<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|--------------|----------|---------|
| 1   |     | 46.975       | 33.03                    | -11.30                  | 21.73                      | 70.30           | -48.57       | peak     |         |
| 2   |     | 161.920      | 33.74                    | -10.92                  | 22.82                      | 70.30           | -47.48       | peak     |         |
| 3   |     | 435.945      | 33.93                    | -7.14                   | 26.79                      | 70.30           | -43.51       | peak     |         |
| 4   |     | 595.995      | 34.70                    | -3.71                   | 30.99                      | 70.30           | -39.31       | peak     |         |
| 5   |     | 748.285      | 35.50                    | -1.09                   | 34.41                      | 70.30           | -35.89       | peak     |         |
| 6 * |     | 903.000      | 36.00                    | 0.30                    | 36.30                      | 70.30           | -34.00       | peak     |         |

Test Mode : LTE Band 40(2305-2315MHz)\_TX CH38750\_5MHz

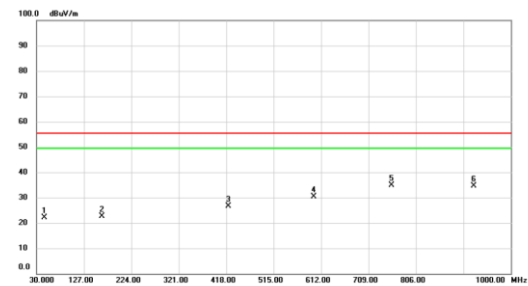
Vertical



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBμV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBμV/m | Limit<br>dBμV/m | Margin<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|--------------|----------|---------|
| 1   |     | 35.820       | 35.33                    | -12.21                  | 23.12                      | 55.30           | -32.18       | peak     |         |
| 2   |     | 167.255      | 33.93                    | -11.14                  | 22.79                      | 55.30           | -32.51       | peak     |         |
| 3   |     | 488.810      | 33.93                    | -6.18                   | 27.75                      | 55.30           | -27.55       | peak     |         |
| 4   |     | 638.190      | 35.65                    | -3.01                   | 32.64                      | 55.30           | -22.66       | peak     |         |
| 5   |     | 786.600      | 35.74                    | -1.20                   | 34.54                      | 55.30           | -20.76       | peak     |         |
| 6 * |     | 923.370      | 35.69                    | 0.41                    | 36.10                      | 55.30           | -19.20       | peak     |         |

Test Mode : LTE Band 40(2305-2315MHz)\_TX CH38750\_5MHz

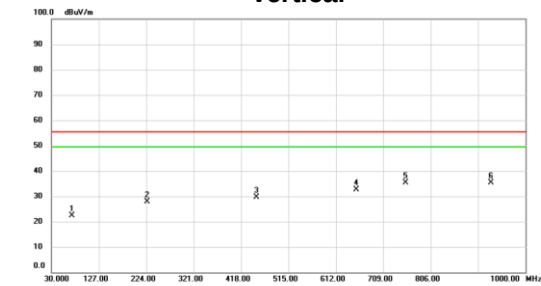
Horizontal



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBμV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBμV/m | Limit<br>dBμV/m | Margin<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|--------------|----------|---------|
| 1   |     | 46.005       | 33.50                    | -11.31                  | 22.19                      | 55.30           | -33.11       | peak     |         |
| 2   |     | 163.375      | 33.73                    | -10.98                  | 22.75                      | 55.30           | -32.55       | peak     |         |
| 3   |     | 421.880      | 34.07                    | -7.48                   | 26.59                      | 55.30           | -28.71       | peak     |         |
| 4   |     | 596.965      | 33.96                    | -3.67                   | 30.29                      | 55.30           | -25.01       | peak     |         |
| 5 * |     | 756.530      | 36.08                    | -1.08                   | 35.00                      | 55.30           | -20.30       | peak     |         |
| 6   |     | 924.340      | 34.31                    | 0.41                    | 34.72                      | 55.30           | -20.58       | peak     |         |

Test Mode : LTE Band 40(2305-2315MHz)\_TX  
CH38750\_10MHz

## Vertical



| No. | Mk. | Freq.   | Reading Level | Correct Factor | Measurement | Limit  | Margin |          |         |
|-----|-----|---------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz     | dBm           | dB             | dBm/Hz      | dBm/Hz | dB     | Detector | Comment |
| 1   |     | 71.710  | 36.26         | -13.79         | 22.47       | 55.30  | -32.83 | peak     |         |
| 2   |     | 225.455 | 41.72         | -13.94         | 27.78       | 55.30  | -27.52 | peak     |         |
| 3   |     | 449.040 | 36.38         | -6.79          | 29.59       | 55.30  | -25.71 | peak     |         |
| 4   |     | 654.195 | 35.52         | -2.78          | 32.74       | 55.30  | -22.56 | peak     |         |
| 5   |     | 755.075 | 36.34         | -1.08          | 35.26       | 55.30  | -20.04 | peak     |         |
| 6 * |     | 929.675 | 34.88         | 0.44           | 35.32       | 55.30  | -19.98 | peak     |         |

Test Mode : LTE Band 40(2305-2315MHz)\_TX  
CH38750\_10MHz

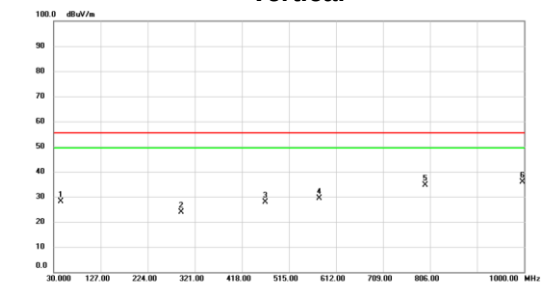
## Horizontal



| No. | Mk. | Freq.   | Reading Level | Correct Factor | Measurement | Limit  | Margin |          |         |
|-----|-----|---------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz     | dBm           | dB             | dBm/Hz      | dBm/Hz | dB     | Detector | Comment |
| 1   |     | 40.185  | 33.32         | -11.73         | 21.59       | 55.30  | -33.71 | peak     |         |
| 2   |     | 165.800 | 34.26         | -11.08         | 23.18       | 55.30  | -32.12 | peak     |         |
| 3   |     | 460.195 | 34.69         | -6.62          | 28.07       | 55.30  | -27.23 | peak     |         |
| 4   |     | 644.010 | 36.17         | -2.92          | 33.25       | 55.30  | -22.05 | peak     |         |
| 5 * |     | 753.135 | 36.94         | -1.07          | 35.87       | 55.30  | -19.43 | peak     |         |
| 6   |     | 947.135 | 35.17         | 0.53           | 35.70       | 55.30  | -19.60 | peak     |         |

Test Mode : LTE Band 40(2350-2360MHz)\_TX  
CH39200\_5MHz

## Vertical



| No. | Mk. | Freq.   | Reading Level | Correct Factor | Measurement | Limit  | Margin |          |         |
|-----|-----|---------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz     | dBm           | dB             | dBm/Hz      | dBm/Hz | dB     | Detector | Comment |
| 1   |     | 44.550  | 39.59         | -11.38         | 28.21       | 55.30  | -27.09 | peak     |         |
| 2   |     | 293.840 | 34.68         | -10.68         | 24.00       | 55.30  | -31.30 | peak     |         |
| 3   |     | 466.500 | 34.31         | -6.53          | 27.78       | 55.30  | -27.52 | peak     |         |
| 4   |     | 577.080 | 33.62         | -4.24          | 29.38       | 55.30  | -25.92 | peak     |         |
| 5   |     | 796.300 | 35.91         | -1.25          | 34.66       | 55.30  | -20.64 | peak     |         |
| 6 * |     | 997.090 | 34.85         | 0.97           | 35.82       | 55.30  | -19.48 | peak     |         |

Test Mode : LTE Band 40(2350-2360MHz)\_TX  
CH39200\_5MHz

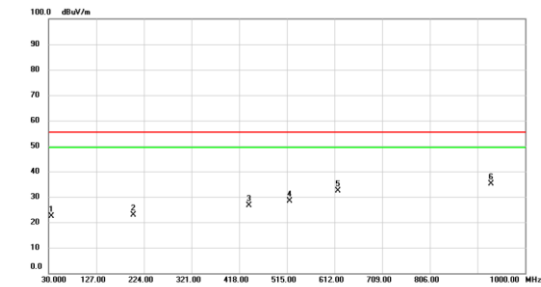
## Horizontal



| No. | Mk. | Freq.   | Reading Level | Correct Factor | Measurement | Limit  | Margin |          |         |
|-----|-----|---------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz     | dBm           | dB             | dBm/Hz      | dBm/Hz | dB     | Detector | Comment |
| 1   |     | 51.340  | 33.90         | -11.30         | 22.60       | 55.30  | -32.70 | peak     |         |
| 2   |     | 161.920 | 35.49         | -10.92         | 24.57       | 55.30  | -30.73 | peak     |         |
| 3   |     | 400.540 | 34.77         | -8.03          | 26.74       | 55.30  | -28.56 | peak     |         |
| 4   |     | 529.550 | 34.29         | -5.41          | 28.88       | 55.30  | -26.42 | peak     |         |
| 5   |     | 680.385 | 35.12         | -2.51          | 32.61       | 55.30  | -22.69 | peak     |         |
| 6 * |     | 907.365 | 34.82         | 0.33           | 35.15       | 55.30  | -20.15 | peak     |         |

Test Mode : LTE Band 40(2350-2360MHz)\_TX  
CH39200\_10MHz

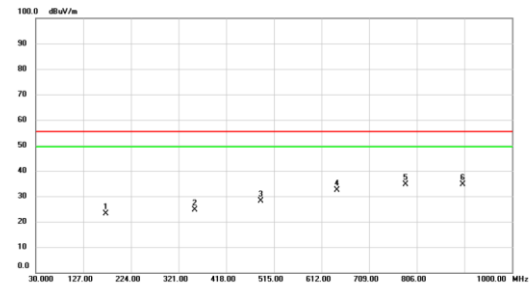
## Vertical



| No. Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measurement dBuV/m | Limit dBuV/m | Margin dB | Detector | Comment |
|---------|-----------|--------------------|-------------------|--------------------|--------------|-----------|----------|---------|
| 1       | 35.335    | 34.58              | -12.26            | 22.32              | 55.30        | -32.98    | peak     |         |
| 2       | 202.175   | 37.26              | -14.42            | 22.84              | 55.30        | -32.46    | peak     |         |
| 3       | 437.885   | 33.73              | -7.08             | 26.65              | 55.30        | -28.65    | peak     |         |
| 4       | 520.335   | 34.09              | -5.61             | 28.48              | 55.30        | -26.82    | peak     |         |
| 5       | 618.790   | 35.63              | -3.31             | 32.32              | 55.30        | -22.98    | peak     |         |
| 6 *     | 931.130   | 34.67              | 0.44              | 35.11              | 55.30        | -20.19    | peak     |         |

Test Mode : LTE Band 40(2350-2360MHz)\_TX  
CH39200\_10MHz

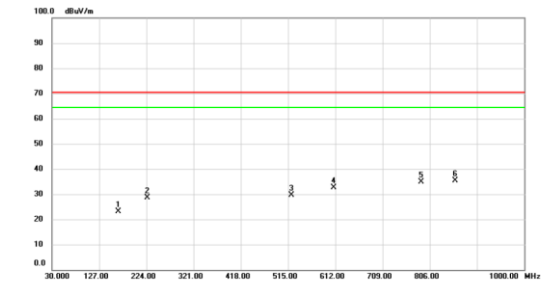
## Horizontal



| No. Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measurement dBuV/m | Limit dBuV/m | Margin dB | Detector | Comment |
|---------|-----------|--------------------|-------------------|--------------------|--------------|-----------|----------|---------|
| 1       | 172.590   | 34.66              | -11.50            | 23.16              | 55.30        | -32.14    | peak     |         |
| 2       | 353.495   | 33.96              | -9.42             | 24.54              | 55.30        | -30.76    | peak     |         |
| 3       | 488.325   | 34.24              | -6.19             | 28.05              | 55.30        | -27.25    | peak     |         |
| 4       | 644.010   | 35.34              | -2.92             | 32.42              | 55.30        | -22.88    | peak     |         |
| 5       | 783.690   | 35.74              | -1.20             | 34.54              | 55.30        | -20.76    | peak     |         |
| 6 *     | 900.090   | 34.42              | 0.30              | 34.72              | 55.30        | -20.58    | peak     |         |

Test Mode : LTE Band 41\_TX CH40620\_5MHz

## Vertical



| No. Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measurement dBuV/m | Limit dBuV/m | Margin dB | Detector | Comment |
|---------|-----------|--------------------|-------------------|--------------------|--------------|-----------|----------|---------|
| 1       | 166.285   | 34.29              | -11.10            | 23.19              | 70.30        | -47.11    | peak     |         |
| 2       | 225.455   | 42.54              | -13.94            | 28.60              | 70.30        | -41.70    | peak     |         |
| 3       | 521.790   | 35.10              | -5.57             | 29.53              | 70.30        | -40.77    | peak     |         |
| 4       | 608.120   | 36.09              | -3.48             | 32.61              | 70.30        | -37.69    | peak     |         |
| 5       | 788.055   | 36.13              | -1.21             | 34.92              | 70.30        | -35.38    | peak     |         |
| 6 *     | 858.380   | 35.58              | -0.26             | 35.32              | 70.30        | -34.98    | peak     |         |

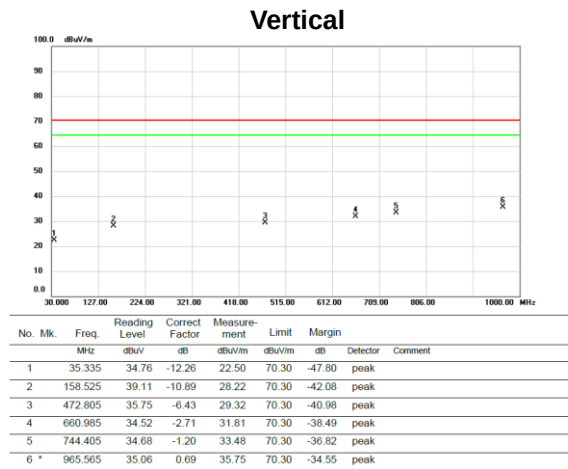
Test Mode : LTE Band 41\_TX CH40620\_5MHz

## Horizontal

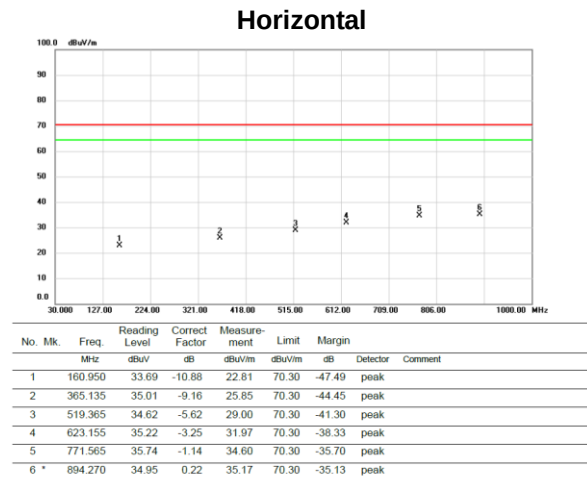


| No. Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measurement dBuV/m | Limit dBuV/m | Margin dB | Detector | Comment |
|---------|-----------|--------------------|-------------------|--------------------|--------------|-----------|----------|---------|
| 1       | 53.765    | 34.27              | -11.39            | 22.88              | 70.30        | -47.42    | peak     |         |
| 2       | 158.525   | 33.96              | -10.89            | 23.07              | 70.30        | -47.23    | peak     |         |
| 3       | 519.850   | 34.55              | -5.61             | 28.94              | 70.30        | -41.36    | peak     |         |
| 4       | 688.745   | 35.78              | -2.63             | 33.15              | 70.30        | -37.15    | peak     |         |
| 5       | 751.195   | 35.69              | -1.07             | 34.62              | 70.30        | -35.68    | peak     |         |
| 6 *     | 901.060   | 36.52              | 0.30              | 36.82              | 70.30        | -33.48    | peak     |         |

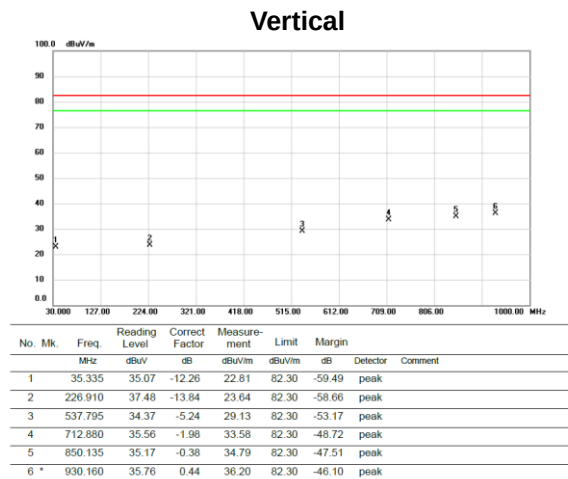
Test Mode : LTE Band 41\_TX CH40620\_20M



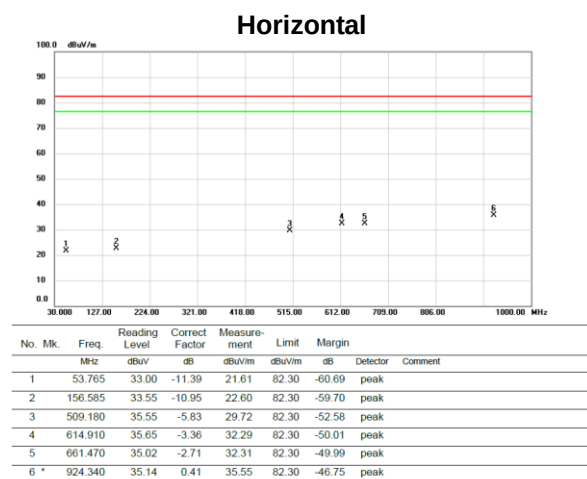
Test Mode : LTE Band 41\_TX CH40620\_20MHz



Test Mode : LTE Band 42\_TX CH42590\_5MHz



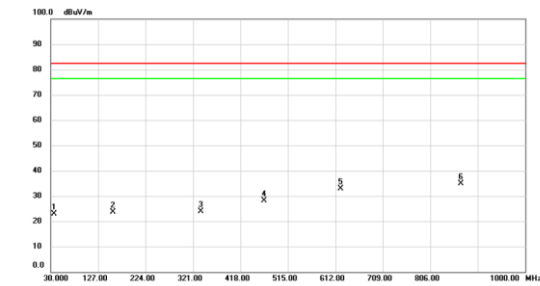
Test Mode : LTE Band 42\_TX CH42590\_5MHz



Test Mode : LTE Band 42\_TX CH42590\_5MHz

Test Mode : LTE Band 42\_TX CH42590\_5MHz

## Vertical



| No. Msk | Freq.   | Reading Level | Correct Factor | Measurement | Limit | Margin | Detector | Comment |
|---------|---------|---------------|----------------|-------------|-------|--------|----------|---------|
| MHz     | dBμV    | dB            | dBμV/m         | dBμV/m      | dB    |        |          |         |
| 1       | 37.275  | 34.98         | -12.06         | 22.92       | 82.30 | -59.38 | peak     |         |
| 2       | 157.555 | 34.56         | -10.93         | 23.63       | 82.30 | -58.67 | peak     |         |
| 3       | 337.490 | 33.40         | -9.57          | 23.83       | 82.30 | -58.47 | peak     |         |
| 4       | 466.985 | 34.55         | -6.52          | 28.03       | 82.30 | -54.27 | peak     |         |
| 5       | 622.670 | 36.17         | -3.25          | 32.92       | 82.30 | -49.38 | peak     |         |
| 6 *     | 869.050 | 35.04         | -0.13          | 34.91       | 82.30 | -47.39 | peak     |         |

## Horizontal

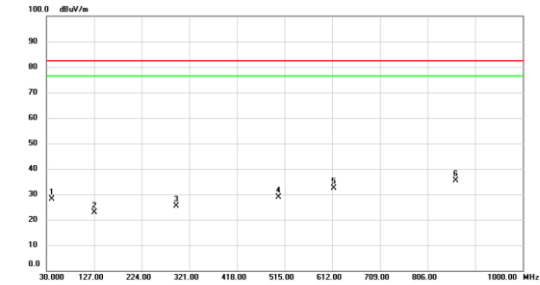


| No. Msk | Freq.   | Reading Level | Correct Factor | Measurement | Limit | Margin | Detector | Comment |
|---------|---------|---------------|----------------|-------------|-------|--------|----------|---------|
| MHz     | dBμV    | dB            | dBμV/m         | dBμV/m      | dB    |        |          |         |
| 1       | 50.855  | 33.49         | -11.30         | 22.19       | 82.30 | -60.11 | peak     |         |
| 2       | 162.890 | 34.31         | -10.97         | 23.34       | 82.30 | -58.96 | peak     |         |
| 3       | 509.180 | 34.36         | -5.83          | 28.53       | 82.30 | -53.77 | peak     |         |
| 4       | 673.595 | 34.92         | -2.58          | 32.34       | 82.30 | -49.96 | peak     |         |
| 5       | 780.780 | 35.35         | -1.18          | 34.17       | 82.30 | -48.13 | peak     |         |
| 6 *     | 889.905 | 35.11         | 0.16           | 35.27       | 82.30 | -47.03 | peak     |         |

Test Mode : LTE Band 66\_TX CH132322\_1.4MHz

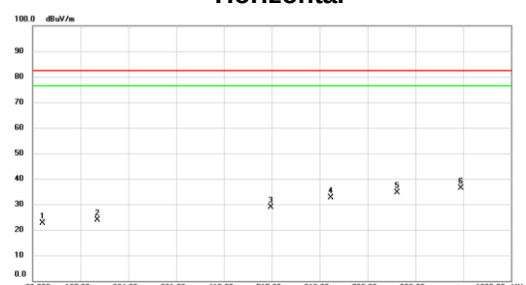
Test Mode : LTE Band 66\_TX CH132322\_1.4MHz

## Vertical



| No. Msk | Freq.   | Reading Level | Correct Factor | Measurement | Limit | Margin | Detector | Comment |
|---------|---------|---------------|----------------|-------------|-------|--------|----------|---------|
| MHz     | dBμV    | dB            | dBμV/m         | dBμV/m      | dB    |        |          |         |
| 1       | 40.670  | 39.78         | -11.69         | 28.09       | 82.30 | -54.21 | peak     |         |
| 2       | 127.000 | 35.47         | -12.64         | 22.83       | 82.30 | -59.47 | peak     |         |
| 3       | 294.325 | 35.98         | -10.67         | 25.31       | 82.30 | -56.99 | peak     |         |
| 4       | 502.875 | 34.82         | -5.96          | 28.86       | 82.30 | -53.44 | peak     |         |
| 5       | 615.395 | 35.71         | -3.35          | 32.36       | 82.30 | -49.94 | peak     |         |
| 6 *     | 863.230 | 35.52         | -0.21          | 35.31       | 82.30 | -46.99 | peak     |         |

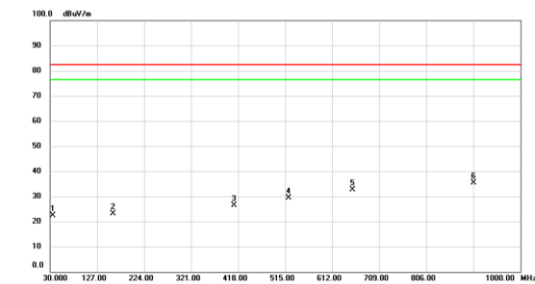
## Horizontal



| No. Msk | Freq.   | Reading Level | Correct Factor | Measurement | Limit | Margin | Detector | Comment |
|---------|---------|---------------|----------------|-------------|-------|--------|----------|---------|
| MHz     | dBμV    | dB            | dBμV/m         | dBμV/m      | dB    |        |          |         |
| 1       | 49.400  | 34.00         | -11.27         | 22.73       | 82.30 | -59.57 | peak     |         |
| 2       | 160.950 | 34.77         | -10.88         | 23.89       | 82.30 | -58.41 | peak     |         |
| 3       | 513.060 | 34.67         | -5.76          | 28.91       | 82.30 | -53.39 | peak     |         |
| 4       | 634.795 | 35.73         | -3.06          | 32.67       | 82.30 | -49.63 | peak     |         |
| 5       | 769.140 | 35.76         | -1.13          | 34.63       | 82.30 | -47.67 | peak     |         |
| 6 *     | 898.635 | 36.08         | 0.28           | 36.36       | 82.30 | -45.94 | peak     |         |

Test Mode : LTE Band 66\_TX CH132322\_5MHz

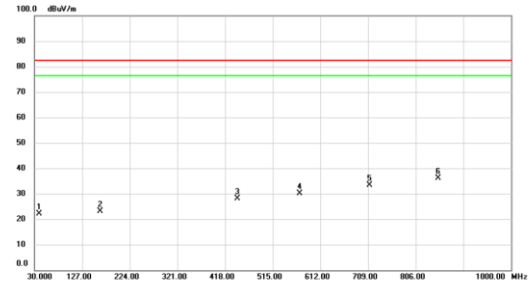
## Vertical



| No. | Mk. | Freq.   | Reading Level | Correct Factor | Measurement | Limit  | Margin |          |         |
|-----|-----|---------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz     | dBμV          | dB             | dBμV/m      | dBμV/m | dB     | Detector | Comment |
| 1   |     | 35.335  | 34.70         | -12.26         | 22.44       | 82.30  | -59.86 | peak     |         |
| 2   |     | 160.465 | 34.03         | -10.86         | 23.17       | 82.30  | -59.13 | peak     |         |
| 3   |     | 409.270 | 34.23         | -7.80          | 26.43       | 82.30  | -55.87 | peak     |         |
| 4   |     | 521.790 | 34.99         | -5.57          | 29.42       | 82.30  | -52.88 | peak     |         |
| 5   |     | 654.195 | 35.38         | -2.78          | 32.60       | 82.30  | -49.70 | peak     |         |
| 6 * |     | 903.000 | 35.19         | 0.30           | 35.49       | 82.30  | -46.81 | peak     |         |

Test Mode : LTE Band 66\_TX CH132322\_5MHz

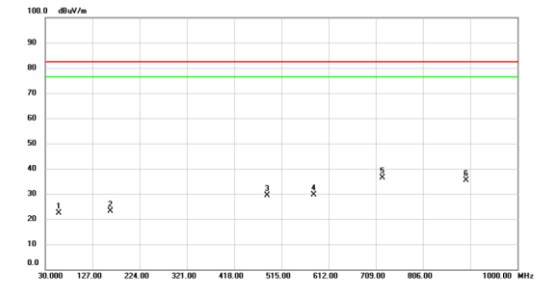
## Horizontal



| No. | Mk. | Freq.   | Reading Level | Correct Factor | Measurement | Limit  | Margin |          |         |
|-----|-----|---------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz     | dBμV          | dB             | dBμV/m      | dBμV/m | dB     | Detector | Comment |
| 1   |     | 39.700  | 33.84         | -11.78         | 22.06       | 82.30  | -60.24 | peak     |         |
| 2   |     | 163.860 | 34.01         | -10.99         | 23.02       | 82.30  | -59.28 | peak     |         |
| 3   |     | 443.705 | 35.06         | -6.93          | 28.13       | 82.30  | -54.17 | peak     |         |
| 4   |     | 569.805 | 34.48         | -4.44          | 30.04       | 82.30  | -52.26 | peak     |         |
| 5   |     | 712.395 | 35.40         | -2.00          | 33.40       | 82.30  | -48.90 | peak     |         |
| 6 * |     | 852.075 | 36.40         | -0.35          | 36.05       | 82.30  | -46.25 | peak     |         |

Test Mode : LTE Band 66\_TX CH132322\_20MHz

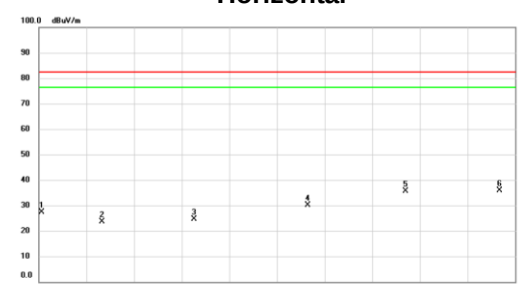
## Vertical



| No. | Mk. | Freq.   | Reading Level | Correct Factor | Measurement | Limit  | Margin |          |         |
|-----|-----|---------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz     | dBμV          | dB             | dBμV/m      | dBμV/m | dB     | Detector | Comment |
| 1   |     | 57.160  | 34.01         | -11.65         | 22.36       | 82.30  | -59.94 | peak     |         |
| 2   |     | 163.375 | 34.18         | -10.98         | 23.20       | 82.30  | -59.10 | peak     |         |
| 3   |     | 485.415 | 35.63         | -6.24          | 29.39       | 82.30  | -52.91 | peak     |         |
| 4   |     | 581.445 | 33.81         | -4.12          | 29.69       | 82.30  | -52.61 | peak     |         |
| 5 * |     | 723.065 | 38.01         | -1.72          | 36.29       | 82.30  | -46.01 | peak     |         |
| 6   |     | 894.755 | 35.15         | 0.23           | 35.38       | 82.30  | -46.92 | peak     |         |

Test Mode : LTE Band 66\_TX CH132322\_20MHz

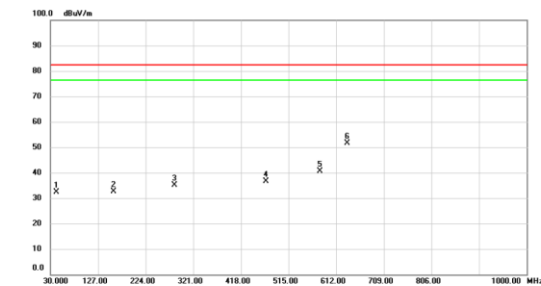
## Horizontal



| No. | Mk. | Freq.   | Reading Level | Correct Factor | Measurement | Limit  | Margin |          |         |
|-----|-----|---------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz     | dBμV          | dB             | dBμV/m      | dBμV/m | dB     | Detector | Comment |
| 1   |     | 35.335  | 39.52         | -12.26         | 27.26       | 82.30  | -55.04 | peak     |         |
| 2   |     | 159.010 | 34.45         | -10.87         | 23.58       | 82.30  | -58.72 | peak     |         |
| 3   |     | 345.735 | 34.19         | -9.48          | 24.71       | 82.30  | -57.59 | peak     |         |
| 4   |     | 577.565 | 34.32         | -4.23          | 30.09       | 82.30  | -52.21 | peak     |         |
| 5   |     | 776.415 | 36.77         | -1.17          | 35.60       | 82.30  | -46.70 | peak     |         |
| 6 * |     | 967.990 | 35.07         | 0.70           | 35.77       | 82.30  | -46.53 | peak     |         |

Test Mode : LTE Band 71\_TX CH133297\_5MHz

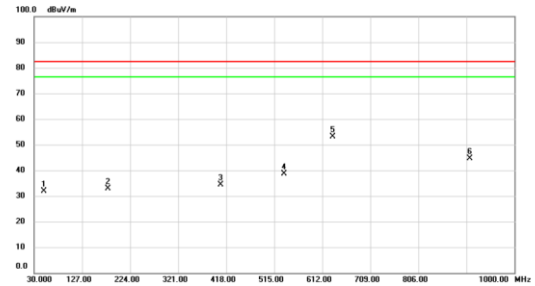
## Vertical



| No. Msk | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measurement dBuV/m | Limit dBuV/m | Margin dB | Detector | Comment |
|---------|-----------|--------------------|-------------------|--------------------|--------------|-----------|----------|---------|
| 1       | 42.125    | 33.84              | -1.56             | 32.28              | 82.30        | -50.02    | peak     |         |
| 2       | 159.010   | 33.47              | -0.87             | 32.60              | 82.30        | -49.70    | peak     |         |
| 3       | 282.685   | 36.20              | -0.95             | 35.25              | 82.30        | -47.05    | peak     |         |
| 4       | 468.440   | 33.08              | 3.51              | 36.59              | 82.30        | -45.71    | peak     |         |
| 5       | 579.020   | 34.76              | 5.82              | 40.58              | 82.30        | -41.72    | peak     |         |
| 6 *     | 634.310   | 44.76              | 6.93              | 51.69              | 82.30        | -30.61    | peak     |         |

Test Mode : LTE Band 71\_TX CH133297\_5MHz

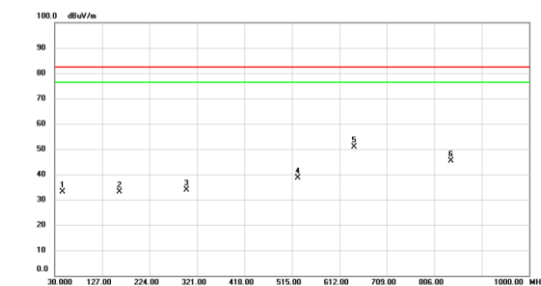
## Horizontal



| No. Msk | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measurement dBuV/m | Limit dBuV/m | Margin dB | Detector | Comment |
|---------|-----------|--------------------|-------------------|--------------------|--------------|-----------|----------|---------|
| 1       | 50.370    | 33.19              | -1.28             | 31.91              | 82.30        | -50.39    | peak     |         |
| 2       | 178.895   | 35.12              | -2.15             | 32.97              | 82.30        | -49.33    | peak     |         |
| 3       | 406.845   | 32.24              | 2.13              | 34.37              | 82.30        | -47.93    | peak     |         |
| 4       | 535.370   | 34.01              | 4.70              | 38.71              | 82.30        | -43.59    | peak     |         |
| 5 *     | 632.855   | 46.16              | 6.91              | 53.07              | 82.30        | -29.23    | peak     |         |
| 6       | 909.790   | 34.28              | 10.34             | 44.62              | 82.30        | -37.68    | peak     |         |

Test Mode : LTE Band 71\_TX CH133322\_20MHz

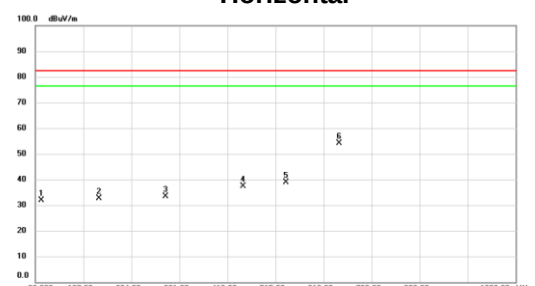
## Vertical



| No. Msk | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measurement dBuV/m | Limit dBuV/m | Margin dB | Detector | Comment |
|---------|-----------|--------------------|-------------------|--------------------|--------------|-----------|----------|---------|
| 1       | 46.005    | 34.33              | -1.31             | 33.02              | 82.30        | -49.28    | peak     |         |
| 2       | 162.890   | 34.03              | -0.97             | 33.06              | 82.30        | -49.24    | peak     |         |
| 3       | 299.175   | 34.39              | -0.60             | 33.79              | 82.30        | -48.51    | peak     |         |
| 4       | 526.640   | 34.18              | 4.53              | 38.71              | 82.30        | -43.59    | peak     |         |
| 5 *     | 642.070   | 43.75              | 7.05              | 50.80              | 82.30        | -31.50    | peak     |         |
| 6       | 839.950   | 36.03              | 9.44              | 45.47              | 82.30        | -36.83    | peak     |         |

Test Mode : LTE Band 71\_TX CH133322\_20MHz

## Horizontal



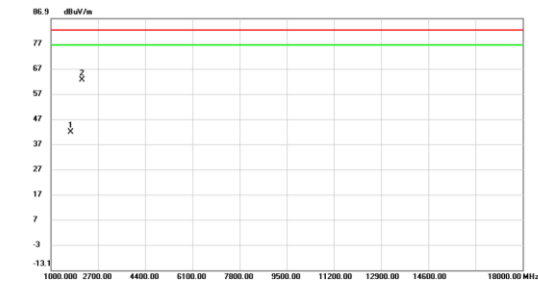
| No. Msk | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measurement dBuV/m | Limit dBuV/m | Margin dB | Detector | Comment |
|---------|-----------|--------------------|-------------------|--------------------|--------------|-----------|----------|---------|
| 1       | 42.610    | 33.33              | -1.51             | 31.82              | 82.30        | -50.48    | peak     |         |
| 2       | 158.525   | 33.52              | -0.89             | 32.63              | 82.30        | -49.67    | peak     |         |
| 3       | 293.840   | 34.13              | -0.68             | 33.45              | 82.30        | -48.85    | peak     |         |
| 4       | 450.010   | 34.13              | 3.22              | 37.35              | 82.30        | -44.95    | peak     |         |
| 5       | 536.340   | 34.17              | 4.72              | 38.89              | 82.30        | -43.41    | peak     |         |
| 6 *     | 643.040   | 47.10              | 7.06              | 54.16              | 82.30        | -28.14    | peak     |         |

## **APPENDIX F - RADIATED SPURIOUS EMISSIONS (ABOVE 1GHZ)**

Test Mode : WCDMA Band IV\_TX CH1413

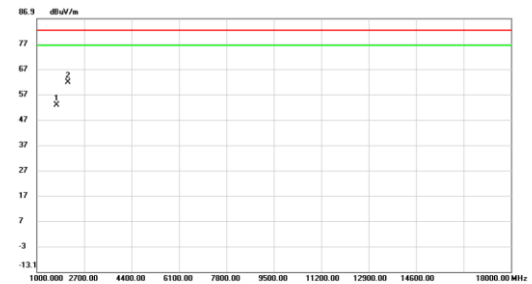
Test Mode : WCDMA Band IV\_TX CH1413

Vertical



| No. Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Margin |          |         |
|---------|----------|---------------|----------------|-------------|--------|--------|----------|---------|
|         | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | Detector | Comment |
| 1       | 1714.000 | 46.52         | -4.72          | 41.80       | 82.30  | -40.50 | peak     |         |
| 2 *     | 2113.500 | 65.34         | -2.82          | 62.52       | 82.30  | -19.78 | peak     |         |

Horizontal

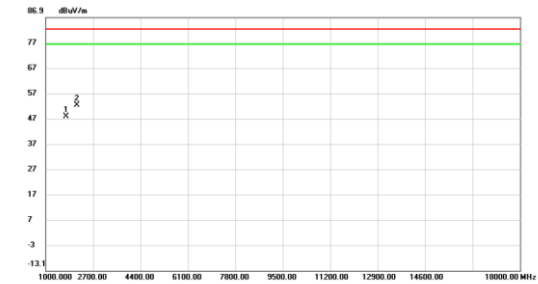


| No. Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Margin |          |         |
|---------|----------|---------------|----------------|-------------|--------|--------|----------|---------|
|         | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | Detector | Comment |
| 1       | 1714.000 | 57.38         | -4.72          | 52.66       | 82.30  | -29.64 | peak     |         |
| 2 *     | 2113.500 | 64.52         | -2.82          | 61.70       | 82.30  | -20.60 | peak     |         |

Test Mode : LTE Band 4\_TX CH20175\_1.4MHz

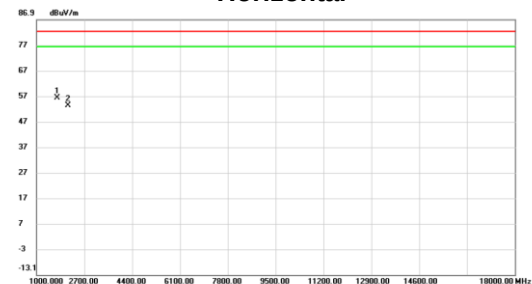
Test Mode : LTE Band 4\_TX CH20175\_1.4MHz

Vertical



| No. Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Margin |          |         |
|---------|----------|---------------|----------------|-------------|--------|--------|----------|---------|
|         | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | Detector | Comment |
| 1       | 1731.000 | 52.44         | -4.62          | 47.82       | 82.30  | -34.48 | peak     |         |
| 2 *     | 2130.500 | 55.01         | -2.79          | 52.22       | 82.30  | -30.08 | peak     |         |

Horizontal

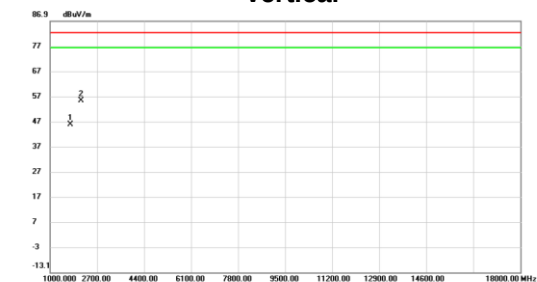


| No. Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Margin |          |         |
|---------|----------|---------------|----------------|-------------|--------|--------|----------|---------|
|         | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | Detector | Comment |
| 1 *     | 1731.000 | 60.98         | -4.62          | 56.36       | 82.30  | -25.94 | peak     |         |
| 2       | 2130.500 | 55.96         | -2.79          | 53.17       | 82.30  | -29.13 | peak     |         |

Test Mode : LTE Band 4\_TX CH20175\_5MHz

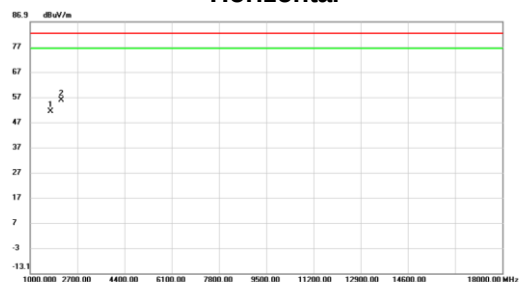
Test Mode : LTE Band 4\_TX CH20175\_5MHz

Vertical



| No. Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Margin |          |         |
|---------|----------|---------------|----------------|-------------|--------|--------|----------|---------|
|         | MHz      | dBm           | dB             | dBm/Hz      | dBm/Hz | dB     | Detector | Comment |
| 1       | 1731.000 | 50.44         | -4.62          | 45.82       | 82.30  | -36.48 | peak     |         |
| 2 *     | 2130.500 | 58.09         | -2.79          | 55.30       | 82.30  | -27.00 | peak     |         |

Horizontal

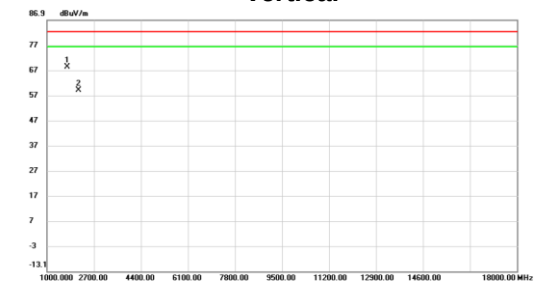


| No. Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Margin |          |         |
|---------|----------|---------------|----------------|-------------|--------|--------|----------|---------|
|         | MHz      | dBm           | dB             | dBm/Hz      | dBm/Hz | dB     | Detector | Comment |
| 1       | 1731.000 | 55.81         | -4.62          | 51.19       | 82.30  | -31.11 | peak     |         |
| 2 *     | 2130.500 | 58.49         | -2.79          | 55.70       | 82.30  | -26.60 | peak     |         |

Test Mode : LTE Band 4\_TX CH20175\_20MHz

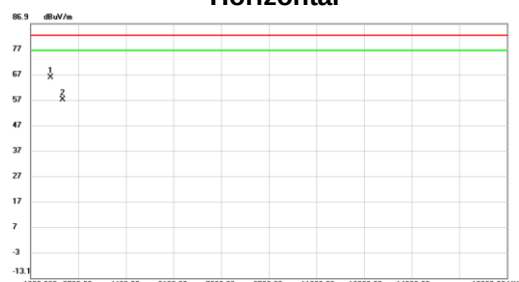
Test Mode : LTE Band 4\_TX CH20175\_20MHz

Vertical



| No. Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Margin |          |         |
|---------|----------|---------------|----------------|-------------|--------|--------|----------|---------|
|         | MHz      | dBm           | dB             | dBm/Hz      | dBm/Hz | dB     | Detector | Comment |
| 1 *     | 1739.500 | 72.96         | -4.56          | 68.40       | 82.30  | -13.90 | peak     |         |
| 2       | 2139.000 | 61.81         | -2.79          | 59.02       | 82.30  | -23.28 | peak     |         |

Horizontal



| No. Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Margin |          |         |
|---------|----------|---------------|----------------|-------------|--------|--------|----------|---------|
|         | MHz      | dBm           | dB             | dBm/Hz      | dBm/Hz | dB     | Detector | Comment |
| 1 *     | 1722.500 | 70.41         | -4.68          | 65.73       | 82.30  | -16.57 | peak     |         |
| 2       | 2139.000 | 59.88         | -2.79          | 57.09       | 82.30  | -25.21 | peak     |         |

Test Mode : LTE Band 7\_TX CH21100\_5MHz

Vertical



Test Mode : LTE Band 7\_TX CH21100\_5MHz

Horizontal



Test Mode : LTE Band 7\_TX CH21100\_5MHz

Vertical



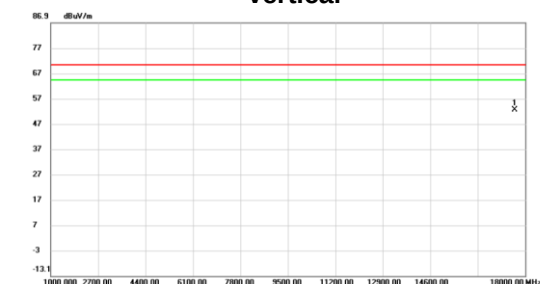
Test Mode : LTE Band 7\_TX CH21100\_5MHz

Horizontal



Test Mode : LTE Band 7\_TX CH21100\_20MHz

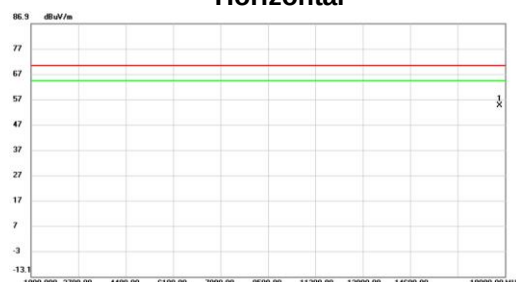
## Vertical



| No. Mk. | Freq.     | Reading Level | Correct Factor | Measurement | Limit  | Margin |          |         |
|---------|-----------|---------------|----------------|-------------|--------|--------|----------|---------|
|         | MHz       | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | Detector | Comment |
| 1 *     | 17626.000 | 39.71         | 12.81          | 52.52       | 70.30  | -17.78 | peak     |         |

Test Mode : LTE Band 7\_TX CH21100\_20MHz

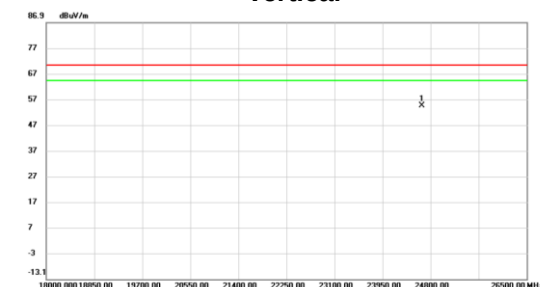
## Horizontal



| No. Mk. | Freq.     | Reading Level | Correct Factor | Measurement | Limit  | Margin |          |         |
|---------|-----------|---------------|----------------|-------------|--------|--------|----------|---------|
|         | MHz       | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | Detector | Comment |
| 1 *     | 17813.000 | 41.81         | 12.75          | 54.56       | 70.30  | -15.74 | peak     |         |

Test Mode : LTE Band 7\_TX CH21100\_20MHz

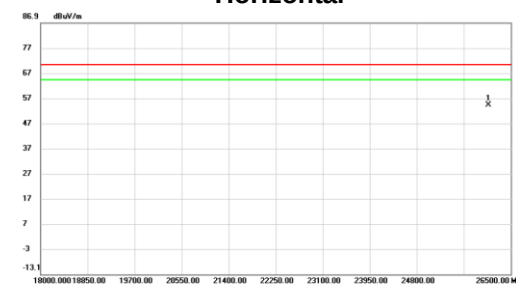
## Vertical



| No. Mk. | Freq.     | Reading Level | Correct Factor | Measurement | Limit  | Margin |          |         |
|---------|-----------|---------------|----------------|-------------|--------|--------|----------|---------|
|         | MHz       | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | Detector | Comment |
| 1 *     | 24642.750 | 52.33         | 2.18           | 54.51       | 70.30  | -15.79 | peak     |         |

Test Mode : LTE Band 7\_TX CH21100\_20MHz

## Horizontal



| No. Mk. | Freq.     | Reading Level | Correct Factor | Measurement | Limit  | Margin |          |         |
|---------|-----------|---------------|----------------|-------------|--------|--------|----------|---------|
|         | MHz       | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | Detector | Comment |
| 1 *     | 26100.500 | 52.26         | 2.13           | 54.39       | 70.30  | -15.91 | peak     |         |