

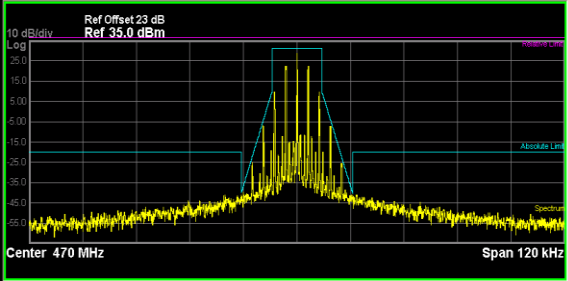
# Appendix C:Emission Mask

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                |           |          |          |                |           |      |     |                |           |        |           |          |       |         |     |       |         |       |  |           |           |          |        |         |          |        |         |         |  |           |           |          |        |          |          |        |          |         |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |
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| TX-ANL         | FM              | CH <sub>M1</sub> | <div><div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>Center Freq 405.987500 MHz</div><div>Center Freq: 405.987500 MHz</div><div>Radio Std: None</div></div><div><div>PASS</div><div>IF Gain: Low</div><div>#Atten: 40 dB</div><div>Avg: 100.00% of 10</div><div>Radio Device: BTS</div></div></div><div><div>Ref Offset 22 dB</div><div>Ref 36.0 dBm</div><div><div>10 dB/div</div><div>Log</div><div><div>36.0</div><div>34.0</div><div>32.0</div><div>30.0</div><div>28.0</div><div>26.0</div><div>24.0</div><div>22.0</div><div>20.0</div><div>18.0</div><div>16.0</div><div>14.0</div><div>12.0</div><div>10.0</div><div>8.0</div><div>6.0</div><div>4.0</div><div>2.0</div><div>0.0</div><div>-2.0</div><div>-4.0</div><div>-6.0</div><div>-8.0</div><div>-10.0</div><div>-12.0</div><div>-14.0</div><div>-16.0</div><div>-18.0</div><div>-20.0</div><div>-22.0</div><div>-24.0</div><div>-26.0</div><div>-28.0</div><div>-30.0</div><div>-32.0</div><div>-34.0</div><div>-36.0</div><div>-38.0</div><div>-40.0</div><div>-42.0</div><div>-44.0</div><div>-46.0</div><div>-48.0</div><div>-50.0</div></div></div><div><div>Center 406 MHz</div><div>Span 120 kHz</div></div></div><div><div>Total Power Ref</div><div>31.07 dBm @ 0.0125 MHz</div><table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>Peak</th><th>dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>26.94</td><td>(-5.56)</td><td>0.0</td><td>29.28</td><td>(-3.22)</td><td>50.00</td><td></td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-41.62</td><td>(-3.04)</td><td>-12.45 k</td><td>-6.602</td><td>(-3.28)</td><td>7.600 k</td><td></td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-39.76</td><td>(-19.76)</td><td>-12.50 k</td><td>-40.33</td><td>(-20.33)</td><td>15.05 k</td><td></td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td><td></td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td><td></td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td><td></td></tr></tbody></table></div></div><div><div>MSG</div><div>File &lt;Temp.png&gt; saved</div><div>(STATUS)</div></div></div> <div><div>Frequency</div><div>Center Freq</div><div>405.987500 MHz</div><div>CF Step</div><div>12.000 kHz</div><div>Man</div><div>Freq Offset</div><div>0 Hz</div></div>          | Start Freq     | Stop Freq | Integ BW | dBm      | Lower ΔLim(dB) | Freq (Hz) | Peak | dBm | Upper ΔLim(dB) | Freq (Hz) | 0.0 Hz | 5.625 kHz | 100.0 Hz | 26.94 | (-5.56) | 0.0 | 29.28 | (-3.22) | 50.00 |  | 5.625 kHz | 12.50 kHz | 100.0 Hz | -41.62 | (-3.04) | -12.45 k | -6.602 | (-3.28) | 7.600 k |  | 12.50 kHz | 60.00 kHz | 100.0 Hz | -39.76 | (-19.76) | -12.50 k | -40.33 | (-20.33) | 15.05 k |  | 4.000 MHz | 8.000 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |  | 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |  | 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |  |
| Start Freq     | Stop Freq       | Integ BW         | dBm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Lower ΔLim(dB) | Freq (Hz) | Peak     | dBm      | Upper ΔLim(dB) | Freq (Hz) |      |     |                |           |        |           |          |       |         |     |       |         |       |  |           |           |          |        |         |          |        |         |         |  |           |           |          |        |          |          |        |          |         |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |
| 0.0 Hz         | 5.625 kHz       | 100.0 Hz         | 26.94                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | (-5.56)        | 0.0       | 29.28    | (-3.22)  | 50.00          |           |      |     |                |           |        |           |          |       |         |     |       |         |       |  |           |           |          |        |         |          |        |         |         |  |           |           |          |        |          |          |        |          |         |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -41.62                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (-3.04)        | -12.45 k  | -6.602   | (-3.28)  | 7.600 k        |           |      |     |                |           |        |           |          |       |         |     |       |         |       |  |           |           |          |        |         |          |        |         |         |  |           |           |          |        |          |          |        |          |         |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -39.76                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (-19.76)       | -12.50 k  | -40.33   | (-20.33) | 15.05 k        |           |      |     |                |           |        |           |          |       |         |     |       |         |       |  |           |           |          |        |         |          |        |         |         |  |           |           |          |        |          |          |        |          |         |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |
| 4.000 MHz      | 8.000 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | (—)            | —         | —        | (—)      | —              |           |      |     |                |           |        |           |          |       |         |     |       |         |       |  |           |           |          |        |         |          |        |         |         |  |           |           |          |        |          |          |        |          |         |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |
| 8.000 MHz      | 12.50 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | (—)            | —         | —        | (—)      | —              |           |      |     |                |           |        |           |          |       |         |     |       |         |       |  |           |           |          |        |         |          |        |         |         |  |           |           |          |        |          |          |        |          |         |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |
| 12.50 MHz      | 15.00 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | (—)            | —         | —        | (—)      | —              |           |      |     |                |           |        |           |          |       |         |     |       |         |       |  |           |           |          |        |         |          |        |         |         |  |           |           |          |        |          |          |        |          |         |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |
| TX-ANL         | FM              | CH <sub>M2</sub> | <div><div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>Center Freq 406.112500 MHz</div><div>Center Freq: 406.112500 MHz</div><div>Radio Std: None</div></div><div><div>PASS</div><div>IF Gain: Low</div><div>#Atten: 40 dB</div><div>Avg: 100.00% of 10</div><div>Radio Device: BTS</div></div></div><div><div>Ref Offset 22 dB</div><div>Ref 36.0 dBm</div><div><div>10 dB/div</div><div>Log</div><div><div>36.0</div><div>34.0</div><div>32.0</div><div>30.0</div><div>28.0</div><div>26.0</div><div>24.0</div><div>22.0</div><div>20.0</div><div>18.0</div><div>16.0</div><div>14.0</div><div>12.0</div><div>10.0</div><div>8.0</div><div>6.0</div><div>4.0</div><div>2.0</div><div>0.0</div><div>-2.0</div><div>-4.0</div><div>-6.0</div><div>-8.0</div><div>-10.0</div><div>-12.0</div><div>-14.0</div><div>-16.0</div><div>-18.0</div><div>-20.0</div><div>-22.0</div><div>-24.0</div><div>-26.0</div><div>-28.0</div><div>-30.0</div><div>-32.0</div><div>-34.0</div><div>-36.0</div><div>-38.0</div><div>-40.0</div><div>-42.0</div><div>-44.0</div><div>-46.0</div><div>-48.0</div><div>-50.0</div></div></div><div><div>Center 406.1 MHz</div><div>Span 120 kHz</div></div></div><div><div>Total Power Ref</div><div>30.72 dBm @ 0.0125 MHz</div><table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>Peak</th><th>dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>30.17</td><td>(-2.09)</td><td>0.0</td><td>30.72</td><td>(-1.54)</td><td>50.00</td><td></td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-42.73</td><td>(-3.56)</td><td>-12.50 k</td><td>-47.69</td><td>(-9.24)</td><td>12.40 k</td><td></td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-42.71</td><td>(-22.71)</td><td>-14.50 k</td><td>-43.32</td><td>(-23.32)</td><td>13.55 k</td><td></td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td><td></td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td><td></td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td><td></td></tr></tbody></table></div></div><div><div>MSG</div><div>File &lt;MASK D.state&gt; recalled</div><div>(STATUS)</div></div></div> <div><div>Frequency</div><div>Center Freq</div><div>406.112500 MHz</div><div>CF Step</div><div>12.000 kHz</div><div>Man</div><div>Freq Offset</div><div>0 Hz</div></div> | Start Freq     | Stop Freq | Integ BW | dBm      | Lower ΔLim(dB) | Freq (Hz) | Peak | dBm | Upper ΔLim(dB) | Freq (Hz) | 0.0 Hz | 5.625 kHz | 100.0 Hz | 30.17 | (-2.09) | 0.0 | 30.72 | (-1.54) | 50.00 |  | 5.625 kHz | 12.50 kHz | 100.0 Hz | -42.73 | (-3.56) | -12.50 k | -47.69 | (-9.24) | 12.40 k |  | 12.50 kHz | 60.00 kHz | 100.0 Hz | -42.71 | (-22.71) | -14.50 k | -43.32 | (-23.32) | 13.55 k |  | 4.000 MHz | 8.000 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |  | 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |  | 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |  |
| Start Freq     | Stop Freq       | Integ BW         | dBm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Lower ΔLim(dB) | Freq (Hz) | Peak     | dBm      | Upper ΔLim(dB) | Freq (Hz) |      |     |                |           |        |           |          |       |         |     |       |         |       |  |           |           |          |        |         |          |        |         |         |  |           |           |          |        |          |          |        |          |         |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |
| 0.0 Hz         | 5.625 kHz       | 100.0 Hz         | 30.17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | (-2.09)        | 0.0       | 30.72    | (-1.54)  | 50.00          |           |      |     |                |           |        |           |          |       |         |     |       |         |       |  |           |           |          |        |         |          |        |         |         |  |           |           |          |        |          |          |        |          |         |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -42.73                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (-3.56)        | -12.50 k  | -47.69   | (-9.24)  | 12.40 k        |           |      |     |                |           |        |           |          |       |         |     |       |         |       |  |           |           |          |        |         |          |        |         |         |  |           |           |          |        |          |          |        |          |         |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -42.71                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (-22.71)       | -14.50 k  | -43.32   | (-23.32) | 13.55 k        |           |      |     |                |           |        |           |          |       |         |     |       |         |       |  |           |           |          |        |         |          |        |         |         |  |           |           |          |        |          |          |        |          |         |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |
| 4.000 MHz      | 8.000 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | (—)            | —         | —        | (—)      | —              |           |      |     |                |           |        |           |          |       |         |     |       |         |       |  |           |           |          |        |         |          |        |         |         |  |           |           |          |        |          |          |        |          |         |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |
| 8.000 MHz      | 12.50 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | (—)            | —         | —        | (—)      | —              |           |      |     |                |           |        |           |          |       |         |     |       |         |       |  |           |           |          |        |         |          |        |         |         |  |           |           |          |        |          |          |        |          |         |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |
| 12.50 MHz      | 15.00 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | (—)            | —         | —        | (—)      | —              |           |      |     |                |           |        |           |          |       |         |     |       |         |       |  |           |           |          |        |         |          |        |         |         |  |           |           |          |        |          |          |        |          |         |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |
| TX-ANL         | FM              | CH <sub>M2</sub> | <div><div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>Center Freq 406.112500 MHz</div><div>Center Freq: 406.112500 MHz</div><div>Radio Std: None</div></div><div><div>PASS</div><div>IF Gain: Low</div><div>#Atten: 40 dB</div><div>Avg: 100.00% of 10</div><div>Radio Device: BTS</div></div></div><div><div>Ref Offset 22 dB</div><div>Ref 36.0 dBm</div><div><div>10 dB/div</div><div>Log</div><div><div>36.0</div><div>34.0</div><div>32.0</div><div>30.0</div><div>28.0</div><div>26.0</div><div>24.0</div><div>22.0</div><div>20.0</div><div>18.0</div><div>16.0</div><div>14.0</div><div>12.0</div><div>10.0</div><div>8.0</div><div>6.0</div><div>4.0</div><div>2.0</div><div>0.0</div><div>-2.0</div><div>-4.0</div><div>-6.0</div><div>-8.0</div><div>-10.0</div><div>-12.0</div><div>-14.0</div><div>-16.0</div><div>-18.0</div><div>-20.0</div><div>-22.0</div><div>-24.0</div><div>-26.0</div><div>-28.0</div><div>-30.0</div><div>-32.0</div><div>-34.0</div><div>-36.0</div><div>-38.0</div><div>-40.0</div><div>-42.0</div><div>-44.0</div><div>-46.0</div><div>-48.0</div><div>-50.0</div></div></div><div><div>Center 406.1 MHz</div><div>Span 120 kHz</div></div></div><div><div>Total Power Ref</div><div>30.74 dBm @ 0.0125 MHz</div><table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>Peak</th><th>dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>27.74</td><td>(-4.52)</td><td>0.0</td><td>28.99</td><td>(-3.27)</td><td>50.00</td><td></td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-38.65</td><td>(-0.50)</td><td>-12.45 k</td><td>-6.890</td><td>(-3.34)</td><td>7.600 k</td><td></td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-40.10</td><td>(-20.10)</td><td>-13.15 k</td><td>-38.93</td><td>(-18.93)</td><td>12.55 k</td><td></td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td><td></td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td><td></td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td><td></td></tr></tbody></table></div></div><div><div>MSG</div><div>File &lt;Temp.png&gt; saved</div><div>(STATUS)</div></div></div> <div><div>Frequency</div><div>Center Freq</div><div>406.112500 MHz</div><div>CF Step</div><div>12.000 kHz</div><div>Man</div><div>Freq Offset</div><div>0 Hz</div></div>        | Start Freq     | Stop Freq | Integ BW | dBm      | Lower ΔLim(dB) | Freq (Hz) | Peak | dBm | Upper ΔLim(dB) | Freq (Hz) | 0.0 Hz | 5.625 kHz | 100.0 Hz | 27.74 | (-4.52) | 0.0 | 28.99 | (-3.27) | 50.00 |  | 5.625 kHz | 12.50 kHz | 100.0 Hz | -38.65 | (-0.50) | -12.45 k | -6.890 | (-3.34) | 7.600 k |  | 12.50 kHz | 60.00 kHz | 100.0 Hz | -40.10 | (-20.10) | -13.15 k | -38.93 | (-18.93) | 12.55 k |  | 4.000 MHz | 8.000 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |  | 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |  | 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |  |
| Start Freq     | Stop Freq       | Integ BW         | dBm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Lower ΔLim(dB) | Freq (Hz) | Peak     | dBm      | Upper ΔLim(dB) | Freq (Hz) |      |     |                |           |        |           |          |       |         |     |       |         |       |  |           |           |          |        |         |          |        |         |         |  |           |           |          |        |          |          |        |          |         |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |
| 0.0 Hz         | 5.625 kHz       | 100.0 Hz         | 27.74                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | (-4.52)        | 0.0       | 28.99    | (-3.27)  | 50.00          |           |      |     |                |           |        |           |          |       |         |     |       |         |       |  |           |           |          |        |         |          |        |         |         |  |           |           |          |        |          |          |        |          |         |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -38.65                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (-0.50)        | -12.45 k  | -6.890   | (-3.34)  | 7.600 k        |           |      |     |                |           |        |           |          |       |         |     |       |         |       |  |           |           |          |        |         |          |        |         |         |  |           |           |          |        |          |          |        |          |         |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -40.10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (-20.10)       | -13.15 k  | -38.93   | (-18.93) | 12.55 k        |           |      |     |                |           |        |           |          |       |         |     |       |         |       |  |           |           |          |        |         |          |        |         |         |  |           |           |          |        |          |          |        |          |         |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |
| 4.000 MHz      | 8.000 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | (—)            | —         | —        | (—)      | —              |           |      |     |                |           |        |           |          |       |         |     |       |         |       |  |           |           |          |        |         |          |        |         |         |  |           |           |          |        |          |          |        |          |         |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |
| 8.000 MHz      | 12.50 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | (—)            | —         | —        | (—)      | —              |           |      |     |                |           |        |           |          |       |         |     |       |         |       |  |           |           |          |        |         |          |        |         |         |  |           |           |          |        |          |          |        |          |         |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |
| 12.50 MHz      | 15.00 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | (—)            | —         | —        | (—)      | —              |           |      |     |                |           |        |           |          |       |         |     |       |         |       |  |           |           |          |        |         |          |        |         |         |  |           |           |          |        |          |          |        |          |         |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |

# Appendix C:Emission Mask

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          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      |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |        |    |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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| TX-ANL         | FM              | CH <sub>M3</sub> | <div><div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>RL</div><div>RF</div><div>50.0</div><div>AC</div></div><div><div>SENSE PULSE</div><div>ALIGN AUTO</div><div>02:30:06 PM Sep 16, 2021</div></div></div><div><div>Center Freq 438.012500 MHz</div><div>Center Freq: 438.012500 MHz</div><div>Radio Std: None</div></div><div><div>PASS</div><div>IF Gain: Low</div><div>#Atten: 40 dB</div><div>Radio Device: BTS</div></div></div><div><div>Ref Offset 23 dB</div><div>Ref 36.0 dBm</div><div><div>10 dB/div</div><div>Log</div><div>26.0</div><div>6.00</div><div>16.0</div><div>24.0</div><div>34.0</div><div>44.0</div><div>54.0</div></div><div><div>Center 438 MHz</div><div>Span 120 kHz</div></div></div><div><div>Total Power Ref</div><div>30.92 dBm @ 0.0125 MHz</div><table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>&lt; Peak &gt;</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>30.17</td><td>(-1.63)</td><td>0.0</td><td>30.93</td><td>(-0.87)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-47.62</td><td>(-9.44)</td><td>-12.30 k</td><td>-45.58</td><td>(-9.21)</td><td>12.05 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-41.48</td><td>(-21.48)</td><td>-13.10 k</td><td>-41.92</td><td>(-21.92)</td><td>13.20 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table></div><div><div>MSG</div><div>File &lt;MASK D.state&gt; 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| Start Freq     | Stop Freq       | Integ BW         | dBm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Lower ΔLim(dB) | Freq (Hz) | < Peak > | Upper ΔLim(dB) | Freq (Hz)      |           |          |                |           |        |           |          |       |         |     |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |     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| 0.0 Hz         | 5.625 kHz       | 100.0 Hz         | 30.17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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      |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |        |    |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -47.62                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | (-9.44)        | -12.30 k  | -45.58   | (-9.21)        | 12.05 k        |           |          |                |           |        |           |          |       |         |     |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |     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| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -41.48                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| 4.000 MHz      | 8.000 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 8.000 MHz      | 12.50 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 12.50 MHz      | 15.00 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| TX-ANL         | FM              | CH <sub>M3</sub> | <div><div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>RL</div><div>RF</div><div>50.0</div><div>AC</div></div><div><div>SENSE PULSE</div><div>ALIGN AUTO</div><div>02:30:28 PM Sep 16, 2021</div></div></div><div><div>Center Freq 438.012500 MHz</div><div>Center Freq: 438.012500 MHz</div><div>Radio Std: None</div></div><div><div>PASS</div><div>IF Gain: Low</div><div>#Atten: 40 dB</div><div>Avg: 100.00% of 10</div><div>Radio Device: BTS</div></div></div><div><div>Ref Offset 23 dB</div><div>Ref 36.0 dBm</div><div><div>10 dB/div</div><div>Log</div><div>26.0</div><div>6.00</div><div>16.0</div><div>24.0</div><div>34.0</div><div>44.0</div><div>54.0</div></div><div><div>Center 438 MHz</div><div>Span 120 kHz</div></div></div><div><div>Total Power Ref</div><div>30.96 dBm @ 0.0125 MHz</div><table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>&lt; Peak &gt;</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>27.62</td><td>(-4.17)</td><td>0.0</td><td>29.21</td><td>(-2.59)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-40.26</td><td>(-0.99)</td><td>-12.45 k</td><td>-41.03</td><td>(-1.75)</td><td>12.45 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-38.01</td><td>(-18.01)</td><td>-12.50 k</td><td>-41.38</td><td>(-21.38)</td><td>12.50 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table></div><div><div>MSG</div><div>File &lt;Temp.png&gt; saved</div><div>(STATUS)</div></div></div> <div><div>Frequency</div><div>Center Freq</div><div>438.012500 MHz</div><div>CF Step</div><div>12.000 kHz</div><div>Man</div><div>Freq Offset</div><div>0 Hz</div></div> <tr><td>TX-ANL</td><td>FM</td><td>CH<sub>H</sub></td><td><div><div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>RL</div><div>RF</div><div>50.0</div><div>AC</div></div><div><div>SENSE PULSE</div><div>ALIGN AUTO</div><div>02:40:40 PM Sep 16, 2021</div></div></div><div><div>Center Freq 469.987500 MHz</div><div>Center Freq: 469.987500 MHz</div><div>Radio Std: None</div></div><div><div>PASS</div><div>IF Gain: Low</div><div>#Atten: 40 dB</div><div>Radio Device: BTS</div></div></div><div><div>Ref Offset 23 dB</div><div>Ref 35.0 dBm</div><div><div>10 dB/div</div><div>Log</div><div>26.0</div><div>6.00</div><div>16.0</div><div>24.0</div><div>34.0</div><div>44.0</div><div>54.0</div></div><div><div>Center 470 MHz</div><div>Span 120 kHz</div></div></div><div><div>Total Power Ref</div><div>30.45 dBm @ 0.0125 MHz</div><table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>&lt; Peak &gt;</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>29.54</td><td>(-1.52)</td><td>0.0</td><td>30.50</td><td>(-0.96)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-42.71</td><td>(-3.78)</td><td>-12.30 k</td><td>-43.04</td><td>(-3.39)</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-44.03</td><td>(-24.03)</td><td>-13.60 k</td><td>-43.71</td><td>(-23.71)</td><td>12.85 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table></div><div><div>MSG</div><div>File &lt;MASK D.state&gt; recalled</div><div>(STATUS)</div></div></div><div><div>Frequency</div><div>Center Freq</div><div>469.987500 MHz</div><div>CF Step</div><div>12.000 kHz</div><div>Man</div><div>Freq Offset</div><div>0 Hz</div></div></td></tr>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Start Freq     | Stop Freq | Integ BW | dBm            | Lower ΔLim(dB) | Freq (Hz) | < Peak > | Upper ΔLim(dB) | Freq (Hz) | 0.0 Hz | 5.625 kHz | 100.0 Hz | 27.62 | (-4.17) | 0.0 | 29.21 | (-2.59) | 50.00 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -40.26 | (-0.99) | -12.45 k | -41.03 | (-1.75) | 12.45 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -38.01 | (-18.01) | -12.50 k | -41.38 | (-21.38) | 12.50 k | 4.000 MHz | 8.000 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | TX-ANL | FM | CH <sub>H</sub>  | <div><div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>RL</div><div>RF</div><div>50.0</div><div>AC</div></div><div><div>SENSE PULSE</div><div>ALIGN AUTO</div><div>02:40:40 PM Sep 16, 2021</div></div></div><div><div>Center Freq 469.987500 MHz</div><div>Center Freq: 469.987500 MHz</div><div>Radio Std: None</div></div><div><div>PASS</div><div>IF Gain: Low</div><div>#Atten: 40 dB</div><div>Radio Device: BTS</div></div></div><div><div>Ref Offset 23 dB</div><div>Ref 35.0 dBm</div><div><div>10 dB/div</div><div>Log</div><div>26.0</div><div>6.00</div><div>16.0</div><div>24.0</div><div>34.0</div><div>44.0</div><div>54.0</div></div><div><div>Center 470 MHz</div><div>Span 120 kHz</div></div></div><div><div>Total Power Ref</div><div>30.45 dBm @ 0.0125 MHz</div><table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>&lt; Peak &gt;</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>29.54</td><td>(-1.52)</td><td>0.0</td><td>30.50</td><td>(-0.96)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-42.71</td><td>(-3.78)</td><td>-12.30 k</td><td>-43.04</td><td>(-3.39)</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-44.03</td><td>(-24.03)</td><td>-13.60 k</td><td>-43.71</td><td>(-23.71)</td><td>12.85 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table></div><div><div>MSG</div><div>File &lt;MASK D.state&gt; recalled</div><div>(STATUS)</div></div></div> <div><div>Frequency</div><div>Center Freq</div><div>469.987500 MHz</div><div>CF Step</div><div>12.000 kHz</div><div>Man</div><div>Freq Offset</div><div>0 Hz</div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Start Freq | Stop Freq | Integ BW | dBm | Lower ΔLim(dB) | Freq (Hz) | < Peak > | Upper ΔLim(dB) | Freq (Hz) | 0.0 Hz | 5.625 kHz | 100.0 Hz | 29.54 | (-1.52) | 0.0 | 30.50 | (-0.96) | 50.00 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -42.71 | (-3.78) | -12.30 k | -43.04 | (-3.39) | 12.40 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -44.03 | (-24.03) | -13.60 k | -43.71 | (-23.71) | 12.85 k | 4.000 MHz | 8.000 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |        |    |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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|   |     |   |
| Start Freq     | Stop Freq       | Integ BW         | dBm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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| 0.0 Hz         | 5.625 kHz       | 100.0 Hz         | 27.62                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | (-4.17)        | 0.0       | 29.21    | (-2.59)        | 50.00          |           |          |                |           |        |           |          |       |         |     |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |     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| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -40.26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | (-0.99)        | -12.45 k  | -41.03   | (-1.75)        | 12.45 k        |           |          |                |           |        |           |          |       |         |     |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |     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| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -38.01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | (-18.01)       | -12.50 k  | -41.38   | (-21.38)       | 12.50 k        |           |          |                |           |        |           |          |       |         |     |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |     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| 4.000 MHz      | 8.000 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 8.000 MHz      | 12.50 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 12.50 MHz      | 15.00 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| TX-ANL         | FM              | CH <sub>H</sub>  | <div><div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>RL</div><div>RF</div><div>50.0</div><div>AC</div></div><div><div>SENSE PULSE</div><div>ALIGN AUTO</div><div>02:40:40 PM Sep 16, 2021</div></div></div><div><div>Center Freq 469.987500 MHz</div><div>Center Freq: 469.987500 MHz</div><div>Radio Std: None</div></div><div><div>PASS</div><div>IF Gain: Low</div><div>#Atten: 40 dB</div><div>Radio Device: BTS</div></div></div><div><div>Ref Offset 23 dB</div><div>Ref 35.0 dBm</div><div><div>10 dB/div</div><div>Log</div><div>26.0</div><div>6.00</div><div>16.0</div><div>24.0</div><div>34.0</div><div>44.0</div><div>54.0</div></div><div><div>Center 470 MHz</div><div>Span 120 kHz</div></div></div><div><div>Total Power Ref</div><div>30.45 dBm @ 0.0125 MHz</div><table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>&lt; Peak &gt;</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>29.54</td><td>(-1.52)</td><td>0.0</td><td>30.50</td><td>(-0.96)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-42.71</td><td>(-3.78)</td><td>-12.30 k</td><td>-43.04</td><td>(-3.39)</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-44.03</td><td>(-24.03)</td><td>-13.60 k</td><td>-43.71</td><td>(-23.71)</td><td>12.85 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table></div><div><div>MSG</div><div>File &lt;MASK D.state&gt; recalled</div><div>(STATUS)</div></div></div> <div><div>Frequency</div><div>Center Freq</div><div>469.987500 MHz</div><div>CF Step</div><div>12.000 kHz</div><div>Man</div><div>Freq Offset</div><div>0 Hz</div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Start Freq     | Stop Freq | Integ BW | dBm            | Lower ΔLim(dB) | Freq (Hz) | < Peak > | Upper ΔLim(dB) | Freq (Hz) | 0.0 Hz | 5.625 kHz | 100.0 Hz | 29.54 | (-1.52) | 0.0 | 30.50 | (-0.96) | 50.00 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -42.71 | (-3.78) | -12.30 k | -43.04 | (-3.39) | 12.40 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -44.03 | (-24.03) | -13.60 k | -43.71 | (-23.71) | 12.85 k | 4.000 MHz | 8.000 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |        |    |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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| 0.0 Hz         | 5.625 kHz       | 100.0 Hz         | 29.54                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | (-1.52)        | 0.0       | 30.50    | (-0.96)        | 50.00          |           |          |                |           |        |           |          |       |         |     |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |     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| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -42.71                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | (-3.78)        | -12.30 k  | -43.04   | (-3.39)        | 12.40 k        |           |          |                |           |        |           |          |       |         |     |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |     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| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -44.03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| 4.000 MHz      | 8.000 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 8.000 MHz      | 12.50 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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      |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |        |    |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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     |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |        |    |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               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| 12.50 MHz      | 15.00 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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      |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |        |    |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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# Appendix C:Emission Mask

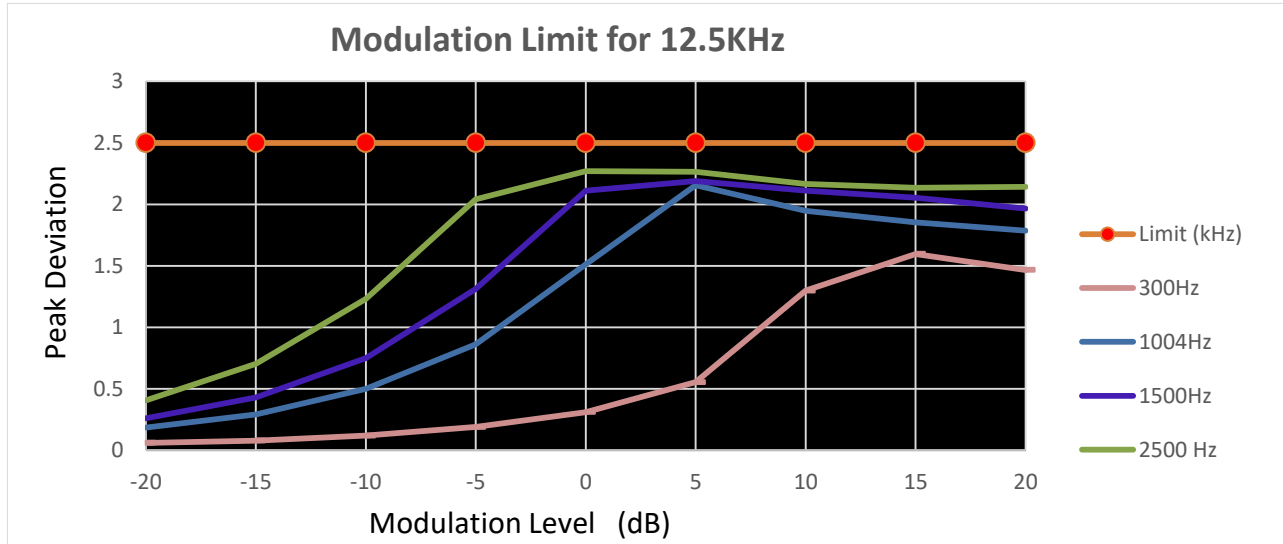
| Operation Mode | Modulation Type | Test Channel    | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                |           |          |                |                |           |          |                |           |        |           |          |       |         |     |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
|----------------|-----------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------|----------|----------------|----------------|-----------|----------|----------------|-----------|--------|-----------|----------|-------|---------|-----|-------|---------|-------|-----------|-----------|----------|--------|---------|----------|--------|---------|---------|-----------|-----------|----------|--------|----------|----------|--------|----------|---------|-----------|-----------|-----------|---|-----|---|---|-----|---|-----------|-----------|-----------|---|-----|---|---|-----|---|-----------|-----------|-----------|---|-----|---|---|-----|---|
| TX-ANL         | FM              | CH <sub>H</sub> | <div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>RLRFSENSEPLAELIN/AUTO02:41:02 PM Sep 16, 2021</div><div>Center Freq 469.987500 MHzCenter Freq: 469.987500 MHzRadio Std: None</div><div>PASSIF Gain: LowTrig: Free RunAvg: 100.00% of 10#Atten: 40 dBRadio Device: BTS</div></div><div><div>Ref Offset 23 dB</div><div>Ref 35.0 dBm</div><div></div><div>Center 470 MHzSpan 120 kHz</div><div>Total Power Ref30.52 dBm @ 0.0125 MHz</div><table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>&lt; Peak &gt;</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>26.95</td><td>(-4.11)</td><td>0.0</td><td>28.75</td><td>(-2.31)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-39.43</td><td>(-0.31)</td><td>-12.40 k</td><td>-41.13</td><td>(-2.21)</td><td>12.30 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-41.13</td><td>(-21.13)</td><td>-16.00 k</td><td>-39.17</td><td>(-19.17)</td><td>12.55 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table><div>File &lt;Temp.png&gt; savedSTATUS</div></div><div><div>Frequency</div><div>Center Freq<br/>469.987500 MHz</div><div>CF Step<br/>12.000 kHz</div><div>AutoMan</div><div>Freq Offset<br/>0 Hz</div></div></div></div> | Start Freq     | Stop Freq | Integ BW | dBm            | Lower ΔLim(dB) | Freq (Hz) | < Peak > | Upper ΔLim(dB) | Freq (Hz) | 0.0 Hz | 5.625 kHz | 100.0 Hz | 26.95 | (-4.11) | 0.0 | 28.75 | (-2.31) | 50.00 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -39.43 | (-0.31) | -12.40 k | -41.13 | (-2.21) | 12.30 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -41.13 | (-21.13) | -16.00 k | -39.17 | (-19.17) | 12.55 k | 4.000 MHz | 8.000 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| Start Freq     | Stop Freq       | Integ BW        | dBm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Lower ΔLim(dB) | Freq (Hz) | < Peak > | Upper ΔLim(dB) | Freq (Hz)      |           |          |                |           |        |           |          |       |         |     |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 0.0 Hz         | 5.625 kHz       | 100.0 Hz        | 26.95                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | (-4.11)        | 0.0       | 28.75    | (-2.31)        | 50.00          |           |          |                |           |        |           |          |       |         |     |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz        | -39.43                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (-0.31)        | -12.40 k  | -41.13   | (-2.21)        | 12.30 k        |           |          |                |           |        |           |          |       |         |     |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz        | -41.13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (-21.13)       | -16.00 k  | -39.17   | (-19.17)       | 12.55 k        |           |          |                |           |        |           |          |       |         |     |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 4.000 MHz      | 8.000 MHz       | 1.000 MHz       | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | (—)            | —         | —        | (—)            | —              |           |          |                |           |        |           |          |       |         |     |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 8.000 MHz      | 12.50 MHz       | 1.000 MHz       | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | (—)            | —         | —        | (—)            | —              |           |          |                |           |        |           |          |       |         |     |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 MHz      | 15.00 MHz       | 1.000 MHz       | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | (—)            | —         | —        | (—)            | —              |           |          |                |           |        |           |          |       |         |     |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |

### Appendix D:Modulation Limit

| Operation Mode | Modulation Type | Test Channel     | Modulation Level (dB) | Peak frequency deviation (kHz) |        |        |         | Limit (kHz) | Result |
|----------------|-----------------|------------------|-----------------------|--------------------------------|--------|--------|---------|-------------|--------|
|                |                 |                  |                       | 300Hz                          | 1004Hz | 1500Hz | 2500 Hz |             |        |
| TX-ANH         | FM              | CH <sub>M2</sub> | -20                   | 0.061                          | 0.185  | 0.260  | 0.407   | 2.5         | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | -15                   | 0.080                          | 0.293  | 0.430  | 0.703   | 2.5         | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | -10                   | 0.120                          | 0.500  | 0.751  | 1.231   | 2.5         | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | -5                    | 0.190                          | 0.863  | 1.311  | 2.040   | 2.5         | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 0                     | 0.311                          | 1.513  | 2.112  | 2.270   | 2.5         | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 5                     | 0.554                          | 2.155  | 2.189  | 2.265   | 2.5         | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 10                    | 1.298                          | 1.946  | 2.111  | 2.166   | 2.5         | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 15                    | 1.596                          | 1.854  | 2.053  | 2.135   | 2.5         | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 20                    | 1.467                          | 1.785  | 1.966  | 2.143   | 2.5         | PASS   |

# Appendix D:Modulation Limit

## TEST PLOT RESULT

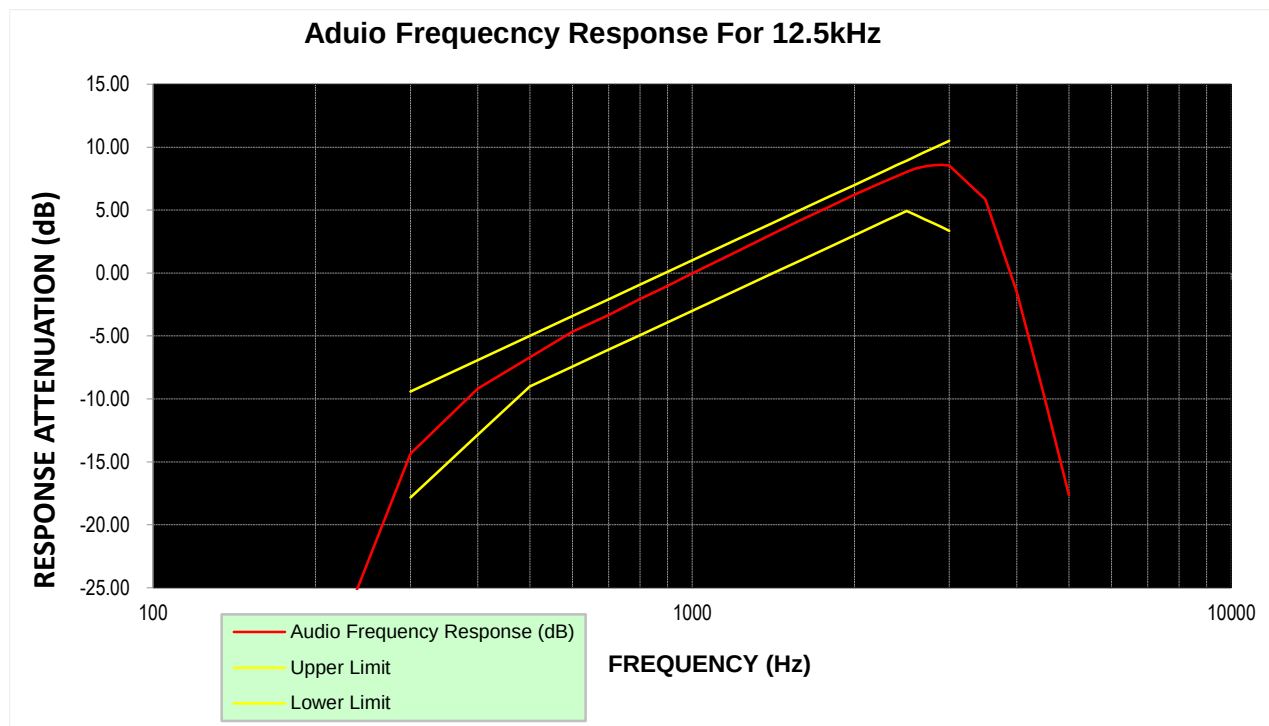


## Appendix E:Audio Frequency Response

| Operation Mode | Modulation Type | Test Channel     | Frequency (Hz) | Audio Frequency Response (dB) | Lower Limit | Upper Limit | Result |
|----------------|-----------------|------------------|----------------|-------------------------------|-------------|-------------|--------|
| TX-ANH         | FM              | CH <sub>M2</sub> | 100            | -33.91                        |             |             | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 200            | -33.52                        |             |             | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 300            | -14.35                        | -17.84      | -9.42       | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 400            | -9.18                         | -12.86      | -6.93       | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 500            | -6.70                         | -9.00       | -5.00       | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 600            | -4.67                         | -7.42       | -3.42       | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 700            | -3.34                         | -6.09       | -2.09       | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 800            | -2.07                         | -4.93       | -0.93       | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 900            | -1.03                         | -3.91       | 0.09        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 1000           | -0.04                         | -3.00       | 1.00        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 1200           | 1.62                          | -1.42       | 2.58        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 1400           | 3.05                          | -0.09       | 3.91        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 1600           | 4.27                          | 1.07        | 5.07        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 1800           | 5.29                          | 2.09        | 6.09        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 2000           | 6.22                          | 3.00        | 7.00        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 2100           | 6.62                          | 3.42        | 7.42        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 2200           | 7.01                          | 3.83        | 7.83        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 2300           | 7.38                          | 4.21        | 8.21        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 2400           | 7.71                          | 4.58        | 8.58        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 2500           | 8.03                          | 4.93        | 8.93        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 2600           | 8.30                          | 4.59        | 9.27        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 2700           | 8.47                          | 4.27        | 9.60        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 2800           | 8.56                          | 3.95        | 9.91        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 2900           | 8.60                          | 3.65        | 10.22       | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 3000           | 8.54                          | 3.35        | 10.51       | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 3500           | 5.84                          |             |             | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 4000           | -1.50                         |             |             | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 4500           | -9.82                         |             |             | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 5000           | -17.67                        |             |             | PASS   |

## Appendix E:Audio Frequency Response

### TEST PLOT RESULT



Note: The highest audio frequency response at 3kHz<3.125kHz, so meet the requirement.

## Appendix F:Frequency Stability Test & Temperature

| Operation Mode | Modulation Type | Test Conditions |             | Frequency error (ppm) |                  |                  |                  |                 | Limit (ppm) | Result |
|----------------|-----------------|-----------------|-------------|-----------------------|------------------|------------------|------------------|-----------------|-------------|--------|
|                |                 | Voltage         | Temperature | CH <sub>L</sub>       | CH <sub>M1</sub> | CH <sub>M2</sub> | CH <sub>M3</sub> | CH <sub>H</sub> |             |        |
| TX-DNH         | 4FSK            | V <sub>N</sub>  | -30         | -0.046                | -0.045           | -0.055           | -0.049           | -0.038          | ±5.0        | PASS   |
| TX-DNH         | 4FSK            | V <sub>N</sub>  | -20         | -0.046                | -0.045           | -0.052           | -0.046           | -0.038          | ±5.0        | PASS   |
| TX-DNH         | 4FSK            | V <sub>N</sub>  | -10         | -0.046                | -0.045           | -0.052           | -0.046           | -0.039          | ±5.0        | PASS   |
| TX-DNH         | 4FSK            | V <sub>N</sub>  | 0           | -0.048                | -0.043           | -0.051           | -0.047           | -0.041          | ±5.0        | PASS   |
| TX-DNH         | 4FSK            | V <sub>N</sub>  | 10          | -0.045                | -0.045           | -0.051           | -0.048           | -0.038          | ±5.0        | PASS   |
| TX-DNH         | 4FSK            | V <sub>N</sub>  | 20          | -0.044                | -0.042           | -0.050           | -0.046           | -0.038          | ±5.0        | PASS   |
| TX-DNH         | 4FSK            | V <sub>N</sub>  | 30          | -0.045                | -0.044           | -0.052           | -0.050           | -0.041          | ±5.0        | PASS   |
| TX-DNH         | 4FSK            | V <sub>N</sub>  | 40          | -0.045                | -0.045           | -0.052           | -0.047           | -0.039          | ±5.0        | PASS   |
| TX-DNH         | 4FSK            | V <sub>N</sub>  | 50          | -0.047                | -0.044           | -0.051           | -0.047           | -0.041          | ±5.0        | PASS   |
| TX-DNL         | 4FSK            | V <sub>N</sub>  | -30         | -0.034                | -0.035           | -0.031           | -0.035           | -0.041          | ±5.0        | PASS   |
| TX-DNL         | 4FSK            | V <sub>N</sub>  | -20         | -0.035                | -0.033           | -0.030           | -0.033           | -0.042          | ±5.0        | PASS   |
| TX-DNL         | 4FSK            | V <sub>N</sub>  | -10         | -0.035                | -0.034           | -0.031           | -0.035           | -0.042          | ±5.0        | PASS   |
| TX-DNL         | 4FSK            | V <sub>N</sub>  | 0           | -0.032                | -0.035           | -0.030           | -0.032           | -0.040          | ±5.0        | PASS   |
| TX-DNL         | 4FSK            | V <sub>N</sub>  | 10          | -0.035                | -0.034           | -0.031           | -0.034           | -0.043          | ±5.0        | PASS   |
| TX-DNL         | 4FSK            | V <sub>N</sub>  | 20          | -0.032                | -0.033           | -0.029           | -0.032           | -0.039          | ±5.0        | PASS   |
| TX-DNL         | 4FSK            | V <sub>N</sub>  | 30          | -0.034                | -0.033           | -0.032           | -0.034           | -0.040          | ±5.0        | PASS   |
| TX-DNL         | 4FSK            | V <sub>N</sub>  | 40          | -0.033                | -0.036           | -0.030           | -0.035           | -0.042          | ±5.0        | PASS   |
| TX-DNL         | 4FSK            | V <sub>N</sub>  | 50          | -0.034                | -0.036           | -0.031           | -0.034           | -0.040          | ±5.0        | PASS   |
| TX-ANH         | FM              | V <sub>N</sub>  | -30         | 0.171                 | 0.167            | 0.158            | 0.155            | 0.155           | ±5.0        | PASS   |
| TX-ANH         | FM              | V <sub>N</sub>  | -20         | 0.173                 | 0.159            | 0.168            | 0.159            | 0.145           | ±5.0        | PASS   |
| TX-ANH         | FM              | V <sub>N</sub>  | -10         | 0.172                 | 0.163            | 0.167            | 0.156            | 0.145           | ±5.0        | PASS   |
| TX-ANH         | FM              | V <sub>N</sub>  | 0           | 0.176                 | 0.165            | 0.160            | 0.165            | 0.152           | ±5.0        | PASS   |
| TX-ANH         | FM              | V <sub>N</sub>  | 10          | 0.180                 | 0.172            | 0.159            | 0.159            | 0.146           | ±5.0        | PASS   |
| TX-ANH         | FM              | V <sub>N</sub>  | 20          | 0.166                 | 0.156            | 0.156            | 0.151            | 0.143           | ±5.0        | PASS   |
| TX-ANH         | FM              | V <sub>N</sub>  | 30          | 0.168                 | 0.163            | 0.171            | 0.157            | 0.156           | ±5.0        | PASS   |
| TX-ANH         | FM              | V <sub>N</sub>  | 40          | 0.181                 | 0.171            | 0.161            | 0.152            | 0.156           | ±5.0        | PASS   |
| TX-ANH         | FM              | V <sub>N</sub>  | 50          | 0.176                 | 0.164            | 0.158            | 0.161            | 0.147           | ±5.0        | PASS   |
| TX-ANL         | FM              | V <sub>N</sub>  | -30         | 0.194                 | 0.216            | 0.192            | 0.183            | 0.188           | ±5.0        | PASS   |
| TX-ANL         | FM              | V <sub>N</sub>  | -20         | 0.199                 | 0.217            | 0.191            | 0.198            | 0.182           | ±5.0        | PASS   |
| TX-ANL         | FM              | V <sub>N</sub>  | -10         | 0.194                 | 0.217            | 0.189            | 0.185            | 0.184           | ±5.0        | PASS   |
| TX-ANL         | FM              | V <sub>N</sub>  | 0           | 0.193                 | 0.208            | 0.199            | 0.190            | 0.186           | ±5.0        | PASS   |
| TX-ANL         | FM              | V <sub>N</sub>  | 10          | 0.211                 | 0.214            | 0.192            | 0.195            | 0.176           | ±5.0        | PASS   |
| TX-ANL         | FM              | V <sub>N</sub>  | 20          | 0.193                 | 0.200            | 0.184            | 0.181            | 0.176           | ±5.0        | PASS   |
| TX-ANL         | FM              | V <sub>N</sub>  | 30          | 0.200                 | 0.208            | 0.193            | 0.191            | 0.188           | ±5.0        | PASS   |
| TX-ANL         | FM              | V <sub>N</sub>  | 40          | 0.200                 | 0.211            | 0.192            | 0.183            | 0.182           | ±5.0        | PASS   |
| TX-ANL         | FM              | V <sub>N</sub>  | 50          | 0.202                 | 0.219            | 0.187            | 0.198            | 0.193           | ±5.0        | PASS   |

### Appendix G:Frequency Stability Test & Voltage

| Operation Mode | Modulation Type | Test Conditions |                | Frequency error (ppm) |                  |                  |                  |                 | Limit (ppm) | Result |
|----------------|-----------------|-----------------|----------------|-----------------------|------------------|------------------|------------------|-----------------|-------------|--------|
|                |                 | Voltage         | Temperature    | CH <sub>L</sub>       | CH <sub>M1</sub> | CH <sub>M2</sub> | CH <sub>M3</sub> | CH <sub>H</sub> |             |        |
| TX-DNH         | 4FSK            | V <sub>N</sub>  | T <sub>N</sub> | -0.044                | -0.042           | -0.050           | -0.046           | -0.038          | ±5.0        | PASS   |
| TX-DNH         | 4FSK            | V <sub>L</sub>  | T <sub>N</sub> | -0.044                | -0.043           | -0.050           | -0.046           | -0.039          | ±5.0        | PASS   |
| TX-DNH         | 4FSK            | V <sub>H</sub>  | T <sub>N</sub> | -0.046                | -0.042           | -0.052           | -0.046           | -0.040          | ±5.0        | PASS   |
| TX-DNL         | 4FSK            | V <sub>N</sub>  | T <sub>N</sub> | -0.032                | -0.033           | -0.029           | -0.032           | -0.039          | ±5.0        | PASS   |
| TX-DNL         | 4FSK            | V <sub>L</sub>  | T <sub>N</sub> | -0.032                | -0.033           | -0.029           | -0.032           | -0.040          | ±5.0        | PASS   |
| TX-DNL         | 4FSK            | V <sub>H</sub>  | T <sub>N</sub> | -0.033                | -0.035           | -0.030           | -0.032           | -0.041          | ±5.0        | PASS   |
| TX-ANH         | FM              | V <sub>N</sub>  | T <sub>N</sub> | 0.166                 | 0.156            | 0.156            | 0.151            | 0.143           | ±5.0        | PASS   |
| TX-ANH         | FM              | V <sub>L</sub>  | T <sub>N</sub> | 0.167                 | 0.156            | 0.159            | 0.152            | 0.143           | ±5.0        | PASS   |
| TX-ANH         | FM              | V <sub>H</sub>  | T <sub>N</sub> | 0.172                 | 0.164            | 0.160            | 0.158            | 0.144           | ±5.0        | PASS   |
| TX-ANL         | FM              | V <sub>N</sub>  | T <sub>N</sub> | 0.193                 | 0.200            | 0.184            | 0.181            | 0.176           | ±5.0        | PASS   |
| TX-ANL         | FM              | V <sub>L</sub>  | T <sub>N</sub> | 0.195                 | 0.203            | 0.187            | 0.182            | 0.179           | ±5.0        | PASS   |
| TX-ANL         | FM              | V <sub>H</sub>  | T <sub>N</sub> | 0.202                 | 0.202            | 0.195            | 0.190            | 0.186           | ±5.0        | PASS   |

# Appendix H:Transmitter Frequency Behavior

| Operation Mode          | Modulation Type     | Test Channel            | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                         |  |                         |  |    |                     |                      |                       |  |  |  |                   |  |  |  |                      |
|-------------------------|---------------------|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|--|-------------------------|--|----|---------------------|----------------------|-----------------------|--|--|--|-------------------|--|--|--|----------------------|
| TX-DNH                  | 4FSK                | CH <sub>M2</sub>        | <div><div>MultiViewSpectrumAnalog Demod</div><div>Ref Level 40.00 dBm Offset 20.50 dB<br/>Att 29 dB AQT 100 ms DBW 25 kHz Freq 406.1125 MHz<br/>TRG: (FPI 17MHz) YIG Bypass</div><div><div>1 FM Time Domain</div><div><div></div><div></div></div></div><div>CF 406.1125 MHz1001 pts10.0 ms/</div><div>4 Result Summary</div><table><tr><td colspan="2">Carrier Power 30.92 dBm</td><td colspan="2">Carrier Offset 30.67 Hz</td></tr><tr><td>FM</td><td>+Peak<br/>17.176 kHz</td><td>-Peak<br/>-22.644 kHz</td><td>+Peak/2<br/>19.91 kHz</td></tr><tr><td></td><td></td><td></td><td>RMS<br/>2.7881 kHz</td></tr><tr><td></td><td></td><td></td><td>Mod. Freq. SINAD THD</td></tr></table><div>Analog Demod: Waiting for Trigger...Measuring...17.09.2021 13:46:29</div><div>Date: 17.SEP.2021 13:46:28</div></div>  | Carrier Power 30.92 dBm |  | Carrier Offset 30.67 Hz |  | FM | +Peak<br>17.176 kHz | -Peak<br>-22.644 kHz | +Peak/2<br>19.91 kHz  |  |  |  | RMS<br>2.7881 kHz |  |  |  | Mod. Freq. SINAD THD |
| Carrier Power 30.92 dBm |                     | Carrier Offset 30.67 Hz |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                         |  |                         |  |    |                     |                      |                       |  |  |  |                   |  |  |  |                      |
| FM                      | +Peak<br>17.176 kHz | -Peak<br>-22.644 kHz    | +Peak/2<br>19.91 kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                         |  |                         |  |    |                     |                      |                       |  |  |  |                   |  |  |  |                      |
|                         |                     |                         | RMS<br>2.7881 kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                         |  |                         |  |    |                     |                      |                       |  |  |  |                   |  |  |  |                      |
|                         |                     |                         | Mod. Freq. SINAD THD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                         |  |                         |  |    |                     |                      |                       |  |  |  |                   |  |  |  |                      |
| TX-DNH                  | 4FSK                | CH <sub>M2</sub>        | <div><div>MultiViewSpectrumAnalog Demod</div><div>Ref Level 40.00 dBm Offset 20.50 dB<br/>Att 29 dB AQT 100 ms DBW 25 kHz Freq 406.1125 MHz<br/>TRG: (FPI 17MHz) YIG Bypass</div><div><div>1 FM Time Domain</div><div><div></div><div></div></div></div><div>CF 406.1125 MHz1001 pts10.0 ms/</div><div>4 Result Summary</div><table><tr><td colspan="2">Carrier Power 30.90 dBm</td><td colspan="2">Carrier Offset 28.31 Hz</td></tr><tr><td>FM</td><td>+Peak<br/>21.244 kHz</td><td>-Peak<br/>-24.338 kHz</td><td>+Peak/2<br/>22.791 kHz</td></tr><tr><td></td><td></td><td></td><td>RMS<br/>2.8796 kHz</td></tr><tr><td></td><td></td><td></td><td>Mod. Freq. SINAD THD</td></tr></table><div>Analog Demod: Waiting for Trigger...Measuring...17.09.2021 13:45:59</div><div>Date: 17.SEP.2021 13:45:59</div></div> | Carrier Power 30.90 dBm |  | Carrier Offset 28.31 Hz |  | FM | +Peak<br>21.244 kHz | -Peak<br>-24.338 kHz | +Peak/2<br>22.791 kHz |  |  |  | RMS<br>2.8796 kHz |  |  |  | Mod. Freq. SINAD THD |
| Carrier Power 30.90 dBm |                     | Carrier Offset 28.31 Hz |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                         |  |                         |  |    |                     |                      |                       |  |  |  |                   |  |  |  |                      |
| FM                      | +Peak<br>21.244 kHz | -Peak<br>-24.338 kHz    | +Peak/2<br>22.791 kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                         |  |                         |  |    |                     |                      |                       |  |  |  |                   |  |  |  |                      |
|                         |                     |                         | RMS<br>2.8796 kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                         |  |                         |  |    |                     |                      |                       |  |  |  |                   |  |  |  |                      |
|                         |                     |                         | Mod. Freq. SINAD THD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                         |  |                         |  |    |                     |                      |                       |  |  |  |                   |  |  |  |                      |
| TX-ANH                  | FM                  | CH <sub>M2</sub>        | <div><div>MultiViewSpectrumAnalog Demod</div><div>Ref Level 40.00 dBm Offset 20.50 dB<br/>Att 29 dB AQT 100 ms DBW 25 kHz Freq 406.1125 MHz<br/>TRG: (FPI 17MHz) YIG Bypass</div><div><div>1 FM Time Domain</div><div><div></div><div></div></div></div><div>CF 406.1125 MHz1001 pts10.0 ms/</div><div>4 Result Summary</div><table><tr><td colspan="2">Carrier Power 30.92 dBm</td><td colspan="2">Carrier Offset 33.30 Hz</td></tr><tr><td>FM</td><td>+Peak<br/>14.112 kHz</td><td>-Peak<br/>-13.451 kHz</td><td>+Peak/2<br/>13.781 kHz</td></tr><tr><td></td><td></td><td></td><td>RMS<br/>2.7928 kHz</td></tr><tr><td></td><td></td><td></td><td>Mod. Freq. SINAD THD</td></tr></table><div>Analog Demod: Waiting for Trigger...Measuring...17.09.2021 13:43:38</div><div>Date: 17.SEP.2021 13:43:39</div></div> | Carrier Power 30.92 dBm |  | Carrier Offset 33.30 Hz |  | FM | +Peak<br>14.112 kHz | -Peak<br>-13.451 kHz | +Peak/2<br>13.781 kHz |  |  |  | RMS<br>2.7928 kHz |  |  |  | Mod. Freq. SINAD THD |
| Carrier Power 30.92 dBm |                     | Carrier Offset 33.30 Hz |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                         |  |                         |  |    |                     |                      |                       |  |  |  |                   |  |  |  |                      |
| FM                      | +Peak<br>14.112 kHz | -Peak<br>-13.451 kHz    | +Peak/2<br>13.781 kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                         |  |                         |  |    |                     |                      |                       |  |  |  |                   |  |  |  |                      |
|                         |                     |                         | RMS<br>2.7928 kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                         |  |                         |  |    |                     |                      |                       |  |  |  |                   |  |  |  |                      |
|                         |                     |                         | Mod. Freq. SINAD THD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                         |  |                         |  |    |                     |                      |                       |  |  |  |                   |  |  |  |                      |

## Appendix H:Transmitter Frequency Behavior

| Operation Mode | Modulation Type         | Test Channel            | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |                         |                         |     |  |  |  |  |  |       |       |         |     |            |       |     |    |            |             |            |            |     |     |     |
|----------------|-------------------------|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------------------|-------------------------|-----|--|--|--|--|--|-------|-------|---------|-----|------------|-------|-----|----|------------|-------------|------------|------------|-----|-----|-----|
| TX-ANH         | FM                      | CH <sub>M2</sub>        | <div><div>MultiViewSpectrumAnalog Demod</div><div>Ref Level 40.00 dBm Offset 20.50 dB<br/>Att 25 dB AQT 100 ms DBW 25 kHz Freq 406.1125 MHz<br/>TRG: (FPI 17MHz) YIG Bypass</div><div>1 FM Time Domain</div><div><div>12.5 kHz</div><div>9.375 kHz</div><div>6.25 kHz</div><div>3.125 kHz</div><div>0 kHz</div><div>-3.125 kHz</div><div>-6.25 kHz</div><div>-9.375 kHz</div><div>-12.5 kHz</div></div><div>CF 406.1125 MHz1001 pts10.0 ms/</div><div>4 Result Summary</div><table><tr><td></td><td>Carrier Power 30.88 dBm</td><td>Carrier Offset 29.58 Hz</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td>+Peak</td><td>-Peak</td><td>+Peak/2</td><td>RMS</td><td>Mod. Freq.</td><td>SINAD</td><td>THD</td></tr><tr><td>FM</td><td>30.143 kHz</td><td>-24.416 kHz</td><td>27.279 kHz</td><td>2.8906 kHz</td><td>---</td><td>---</td><td>---</td></tr></table><div>Analog Demod. Waiting for Trigger...</div><div>Measuring...17.09.2021 13:44:47</div></div> |            | Carrier Power 30.88 dBm | Carrier Offset 29.58 Hz |     |  |  |  |  |  | +Peak | -Peak | +Peak/2 | RMS | Mod. Freq. | SINAD | THD | FM | 30.143 kHz | -24.416 kHz | 27.279 kHz | 2.8906 kHz | --- | --- | --- |
|                | Carrier Power 30.88 dBm | Carrier Offset 29.58 Hz |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |            |                         |                         |     |  |  |  |  |  |       |       |         |     |            |       |     |    |            |             |            |            |     |     |     |
|                | +Peak                   | -Peak                   | +Peak/2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | RMS        | Mod. Freq.              | SINAD                   | THD |  |  |  |  |  |       |       |         |     |            |       |     |    |            |             |            |            |     |     |     |
| FM             | 30.143 kHz              | -24.416 kHz             | 27.279 kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2.8906 kHz | ---                     | ---                     | --- |  |  |  |  |  |       |       |         |     |            |       |     |    |            |             |            |            |     |     |     |

# Appendix I:Spurious Emission On Antenna Port

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |            |            |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |        |      |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |          |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |        |      |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |          |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |
|----------------|-----------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|-----|-----------|-----------|--------|-----------|-------------|-----------|--------------|------------|------------|-------------|------------|------------|---------------|------------|------------|------------|-----------|-------------|---------------|------------|------------|-----------|-----------|-----------|-------------|------------|------------|--------|------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|-----|-----------|-----------|--------|-----------|-------------|-----------|--------------|------------|------------|-------------|------------|------------|---------------|------------|------------|------------|-----------|-------------|---------------|------------|------------|-----------|-----------|-----------|-------------|------------|------------|--------|------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|-----|-----------|-----------|--------|-----------|-------------|-----------|--------------|------------|------------|-------------|------------|------------|---------------|------------|------------|------------|-----------|-------------|---------------|------------|------------|-----------|-----------|-----------|-------------|------------|------------|
| TX-DNH         | 4FSK            | CH <sub>L</sub>  | <div><div><div>MultiViewSpectrum</div><div>Ref Level 20.50 dBm Offset 20.50 dB Mode Auto Sweep</div><div><div>1 Spurious Emissions</div><div><div>M1[1]</div><div>-35.06 dBm</div><div>800.020000 MHz</div></div></div></div><div><div>2 Result Summary</div><table><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>Alimit</th></tr><tr><td>9.000 kHz</td><td>150.000 kHz</td><td>1.000 kHz</td><td>24.18616 kHz</td><td>-78.74 dBm</td><td>-200.00 dB</td></tr><tr><td>150.000 kHz</td><td>30.000 MHz</td><td>10.000 kHz</td><td>302.94301 kHz</td><td>-68.91 dBm</td><td>-200.00 dB</td></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>100.000 kHz</td><td>399.99797 MHz</td><td>-13.90 dBm</td><td>-200.00 dB</td></tr><tr><td>1.000 GHz</td><td>5.000 GHz</td><td>1.000 MHz</td><td>4.40046 GHz</td><td>-48.55 dBm</td><td>-200.00 dB</td></tr></table></div><div><div>Date: 17 SEP 2021 13:24:57</div></div></div> <tr><td>TX-DNH</td><td>4FSK</td><td>CH<sub>M1</sub></td><td><div><div><div>MultiViewSpectrum</div><div>Ref Level 20.50 dBm Offset 20.50 dB Mode Auto Sweep</div><div><div>1 Spurious Emissions</div><div><div>M1[1]</div><div>-40.83 dBm</div><div>811.962000 MHz</div></div></div></div><div><div>2 Result Summary</div><table><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>Alimit</th></tr><tr><td>9.000 kHz</td><td>150.000 kHz</td><td>1.000 kHz</td><td>24.78959 kHz</td><td>-77.64 dBm</td><td>-200.00 dB</td></tr><tr><td>150.000 kHz</td><td>30.000 MHz</td><td>10.000 kHz</td><td>295.48238 kHz</td><td>-69.94 dBm</td><td>-200.00 dB</td></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>100.000 kHz</td><td>405.96934 MHz</td><td>-22.49 dBm</td><td>-200.00 dB</td></tr><tr><td>1.000 GHz</td><td>5.000 GHz</td><td>1.000 MHz</td><td>4.46583 GHz</td><td>-43.43 dBm</td><td>-200.00 dB</td></tr></table></div><div><div>Date: 17 SEP 2021 13:25:12</div></div></div><tr><td>TX-DNH</td><td>4FSK</td><td>CH<sub>M2</sub></td><td><div><div><div>MultiViewSpectrum</div><div>Ref Level 20.50 dBm Offset 20.50 dB Mode Auto Sweep</div><div><div>1 Spurious Emissions</div><div><div>M1[1]</div><div>-41.04 dBm</div><div>812.205000 MHz</div></div></div></div><div><div>2 Result Summary</div><table><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>Alimit</th></tr><tr><td>9.000 kHz</td><td>150.000 kHz</td><td>1.000 kHz</td><td>24.78959 kHz</td><td>-77.54 dBm</td><td>-200.00 dB</td></tr><tr><td>150.000 kHz</td><td>30.000 MHz</td><td>10.000 kHz</td><td>295.48238 kHz</td><td>-69.54 dBm</td><td>-200.00 dB</td></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>100.000 kHz</td><td>406.09059 MHz</td><td>-22.77 dBm</td><td>-200.00 dB</td></tr><tr><td>1.000 GHz</td><td>5.000 GHz</td><td>1.000 MHz</td><td>4.46720 GHz</td><td>-43.38 dBm</td><td>-200.00 dB</td></tr></table></div><div><div>Date: 17 SEP 2021 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295.48238 kHz | -69.54 dBm | -200.00 dB | 30.000 MHz | 1.000 GHz | 100.000 kHz | 406.09059 MHz | -22.77 dBm | -200.00 dB | 1.000 GHz | 5.000 GHz | 1.000 MHz | 4.46720 GHz | -43.38 dBm | -200.00 dB |
| Range Low      | Range Up        | RBW              | Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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Power Abs  | Alimit     |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |        |      |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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       |           |           |           |             |            |            |
| 9.000 kHz      | 150.000 kHz     | 1.000 kHz        | 24.18616 kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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-78.74 dBm | -200.00 dB |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |        |      |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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       |           |           |           |             |            |            |
| 150.000 kHz    | 30.000 MHz      | 10.000 kHz       | 302.94301 kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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-68.91 dBm | -200.00 dB |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |        |      |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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       |           |           |           |             |            |            |
| 30.000 MHz     | 1.000 GHz       | 100.000 kHz      | 399.99797 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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-13.90 dBm | -200.00 dB |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |        |      |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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       |           |           |           |             |            |            |
| 1.000 GHz      | 5.000 GHz       | 1.000 MHz        | 4.40046 GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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-48.55 dBm | -200.00 dB |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |        |      |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| TX-DNH         | 4FSK            | CH <sub>M1</sub> | <div><div><div>MultiViewSpectrum</div><div>Ref Level 20.50 dBm Offset 20.50 dB Mode Auto Sweep</div><div><div>1 Spurious Emissions</div><div><div>M1[1]</div><div>-40.83 dBm</div><div>811.962000 MHz</div></div></div></div><div><div>2 Result Summary</div><table><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>Alimit</th></tr><tr><td>9.000 kHz</td><td>150.000 kHz</td><td>1.000 kHz</td><td>24.78959 kHz</td><td>-77.64 dBm</td><td>-200.00 dB</td></tr><tr><td>150.000 kHz</td><td>30.000 MHz</td><td>10.000 kHz</td><td>295.48238 kHz</td><td>-69.94 dBm</td><td>-200.00 dB</td></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>100.000 kHz</td><td>405.96934 MHz</td><td>-22.49 dBm</td><td>-200.00 dB</td></tr><tr><td>1.000 GHz</td><td>5.000 GHz</td><td>1.000 MHz</td><td>4.46583 GHz</td><td>-43.43 dBm</td><td>-200.00 dB</td></tr></table></div><div><div>Date: 17 SEP 2021 13:25:12</div></div></div> 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                                       | Range Low  | Range Up   | RBW | Frequency | Power Abs | Alimit | 9.000 kHz | 150.000 kHz | 1.000 kHz | 24.78959 kHz | -77.64 dBm | -200.00 dB | 150.000 kHz | 30.000 MHz | 10.000 kHz | 295.48238 kHz | -69.94 dBm | -200.00 dB | 30.000 MHz | 1.000 GHz | 100.000 kHz | 405.96934 MHz | -22.49 dBm | -200.00 dB | 1.000 GHz | 5.000 GHz | 1.000 MHz | 4.46583 GHz | -43.43 dBm | -200.00 dB | TX-DNH | 4FSK | CH <sub>M2</sub> | <div><div><div>MultiViewSpectrum</div><div>Ref Level 20.50 dBm Offset 20.50 dB Mode Auto Sweep</div><div><div>1 Spurious Emissions</div><div><div>M1[1]</div><div>-41.04 dBm</div><div>812.205000 MHz</div></div></div></div><div><div>2 Result Summary</div><table><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>Alimit</th></tr><tr><td>9.000 kHz</td><td>150.000 kHz</td><td>1.000 kHz</td><td>24.78959 kHz</td><td>-77.54 dBm</td><td>-200.00 dB</td></tr><tr><td>150.000 kHz</td><td>30.000 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                                                                                                                                                                                                                                                                                                                                                                                                                           | Range Low | Range Up | RBW | Frequency | Power Abs | Alimit | 9.000 kHz | 150.000 kHz | 1.000 kHz | 24.78959 kHz | -77.54 dBm | -200.00 dB | 150.000 kHz | 30.000 MHz | 10.000 kHz | 295.48238 kHz | -69.54 dBm | -200.00 dB | 30.000 MHz | 1.000 GHz | 100.000 kHz | 406.09059 MHz | -22.77 dBm | -200.00 dB | 1.000 GHz | 5.000 GHz | 1.000 MHz | 4.46720 GHz | -43.38 dBm | -200.00 dB |        |      |                  |                                                                                                                                                                              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        |             |               |            |            |           |           |           |             |            |            |
| Range Low      | Range Up        | RBW              | Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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Power Abs  | Alimit     |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |        |      |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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       |           |           |           |             |            |            |
| 9.000 kHz      | 150.000 kHz     | 1.000 kHz        | 24.78959 kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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-77.64 dBm | -200.00 dB |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |        |      |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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       |           |           |           |             |            |            |
| 150.000 kHz    | 30.000 MHz      | 10.000 kHz       | 295.48238 kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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-69.94 dBm | -200.00 dB |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |        |      |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |          |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |
| 30.000 MHz     | 1.000 GHz       | 100.000 kHz      | 405.96934 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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-22.49 dBm | -200.00 dB |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |        |      |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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       |           |           |           |             |            |            |
| 1.000 GHz      | 5.000 GHz       | 1.000 MHz        | 4.46583 GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               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-43.43 dBm | -200.00 dB |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |        |      |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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       |           |           |           |             |            |            |
| TX-DNH         | 4FSK            | CH <sub>M2</sub> | <div><div><div>MultiViewSpectrum</div><div>Ref Level 20.50 dBm Offset 20.50 dB Mode Auto Sweep</div><div><div>1 Spurious Emissions</div><div><div>M1[1]</div><div>-41.04 dBm</div><div>812.205000 MHz</div></div></div></div><div><div>2 Result Summary</div><table><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>Alimit</th></tr><tr><td>9.000 kHz</td><td>150.000 kHz</td><td>1.000 kHz</td><td>24.78959 kHz</td><td>-77.54 dBm</td><td>-200.00 dB</td></tr><tr><td>150.000 kHz</td><td>30.000 MHz</td><td>10.000 kHz</td><td>295.48238 kHz</td><td>-69.54 dBm</td><td>-200.00 dB</td></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>100.000 kHz</td><td>406.09059 MHz</td><td>-22.77 dBm</td><td>-200.00 dB</td></tr><tr><td>1.000 GHz</td><td>5.000 GHz</td><td>1.000 MHz</td><td>4.46720 GHz</td><td>-43.38 dBm</td><td>-200.00 dB</td></tr></table></div><div><div>Date: 17 SEP 2021 13:25:38</div></div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Range Low  | Range Up   | RBW | Frequency | Power Abs | Alimit | 9.000 kHz | 150.000 kHz | 1.000 kHz | 24.78959 kHz | -77.54 dBm | -200.00 dB | 150.000 kHz | 30.000 MHz | 10.000 kHz | 295.48238 kHz | -69.54 dBm | -200.00 dB | 30.000 MHz | 1.000 GHz | 100.000 kHz | 406.09059 MHz | -22.77 dBm | -200.00 dB | 1.000 GHz | 5.000 GHz | 1.000 MHz | 4.46720 GHz | -43.38 dBm | -200.00 dB |        |      |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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       |           |           |           |             |            |            |
| Range Low      | Range Up        | RBW              | Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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Power Abs  | Alimit     |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |        |      |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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       |           |           |           |             |            |            |
| 9.000 kHz      | 150.000 kHz     | 1.000 kHz        | 24.78959 kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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-77.54 dBm | -200.00 dB |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |        |      |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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       |           |           |           |             |            |            |
| 150.000 kHz    | 30.000 MHz      | 10.000 kHz       | 295.48238 kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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-69.54 dBm | -200.00 dB |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |        |      |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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       |           |           |           |             |            |            |
| 30.000 MHz     | 1.000 GHz       | 100.000 kHz      | 406.09059 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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-22.77 dBm | -200.00 dB |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |        |      |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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       |           |           |           |             |            |            |
| 1.000 GHz      | 5.000 GHz       | 1.000 MHz        | 4.46720 GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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-43.38 dBm | -200.00 dB |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |        |      |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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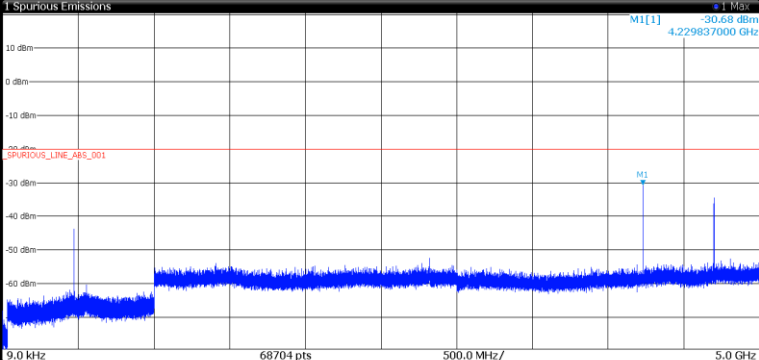
# Appendix I:Spurious Emission On Antenna Port

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |            |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |
|----------------|-----------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|-----|-----------|-----------|--------|-----------|-------------|-----------|--------------|------------|------------|-------------|------------|------------|---------------|------------|------------|------------|-----------|-------------|---------------|------------|------------|-----------|-----------|-----------|-------------|------------|------------|
| TX-DNH         | 4FSK            | CH <sub>M3</sub> | <div><div><div>MultiViewSpectrum</div><div>Ref Level 20.50 dBm Offset 20.50 dB Mode Auto Sweep</div><div><div>1 Spurious Emissions</div><div><div>M1[1]</div><div>-36.21 dBm</div><div>1.314053000 GHz</div></div></div><div><div>SPURIOUS_LINE_AAS_001</div></div><div><div>9.0 kHz</div><div>68704 pts</div><div>500.0 MHz/</div><div>5.0 GHz</div></div></div><div><div>2 Result Summary</div><table><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>Alimit</th></tr><tr><td>9.000 kHz</td><td>150.000 kHz</td><td>1.000 kHz</td><td>24.78959 kHz</td><td>-78.56 dBm</td><td>-200.00 dB</td></tr><tr><td>150.000 kHz</td><td>30.000 MHz</td><td>10.000 kHz</td><td>295.48238 kHz</td><td>-68.03 dBm</td><td>-200.00 dB</td></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>100.000 kHz</td><td>438.00866 MHz</td><td>-41.68 dBm</td><td>-200.00 dB</td></tr><tr><td>1.000 GHz</td><td>5.000 GHz</td><td>1.000 MHz</td><td>1.31405 GHz</td><td>-36.21 dBm</td><td>-200.00 dB</td></tr></table><div>Measuring... 17.09.2021 13:25:57</div></div><div>Date: 17 SEP 2021 13:25:56</div></div> | Range Low  | Range Up   | RBW | Frequency | Power Abs | Alimit | 9.000 kHz | 150.000 kHz | 1.000 kHz | 24.78959 kHz | -78.56 dBm | -200.00 dB | 150.000 kHz | 30.000 MHz | 10.000 kHz | 295.48238 kHz | -68.03 dBm | -200.00 dB | 30.000 MHz | 1.000 GHz | 100.000 kHz | 438.00866 MHz | -41.68 dBm | -200.00 dB | 1.000 GHz | 5.000 GHz | 1.000 MHz | 1.31405 GHz | -36.21 dBm | -200.00 dB |
| Range Low      | Range Up        | RBW              | Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Power Abs  | Alimit     |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |
| 9.000 kHz      | 150.000 kHz     | 1.000 kHz        | 24.78959 kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -78.56 dBm | -200.00 dB |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |
| 150.000 kHz    | 30.000 MHz      | 10.000 kHz       | 295.48238 kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -68.03 dBm | -200.00 dB |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |
| 30.000 MHz     | 1.000 GHz       | 100.000 kHz      | 438.00866 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -41.68 dBm | -200.00 dB |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |
| 1.000 GHz      | 5.000 GHz       | 1.000 MHz        | 1.31405 GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -36.21 dBm | -200.00 dB |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |
| TX-DNH         | 4FSK            | CH <sub>H</sub>  | <div><div><div>MultiViewSpectrum</div><div>Ref Level 20.50 dBm Offset 20.50 dB Mode Auto Sweep</div><div><div>1 Spurious Emissions</div><div><div>M1[1]</div><div>-30.76 dBm</div><div>4.229837000 GHz</div></div></div><div><div>SPURIOUS_LINE_AAS_001</div></div><div><div>9.0 kHz</div><div>68704 pts</div><div>500.0 MHz/</div><div>5.0 GHz</div></div></div><div><div>2 Result Summary</div><table><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>Alimit</th></tr><tr><td>9.000 kHz</td><td>150.000 kHz</td><td>1.000 kHz</td><td>24.58845 kHz</td><td>-77.00 dBm</td><td>-200.00 dB</td></tr><tr><td>150.000 kHz</td><td>30.000 MHz</td><td>10.000 kHz</td><td>295.48238 kHz</td><td>-69.71 dBm</td><td>-200.00 dB</td></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>100.000 kHz</td><td>469.98734 MHz</td><td>-43.97 dBm</td><td>-200.00 dB</td></tr><tr><td>1.000 GHz</td><td>5.000 GHz</td><td>1.000 MHz</td><td>4.22984 GHz</td><td>-30.76 dBm</td><td>-200.00 dB</td></tr></table><div>Measuring... 17.09.2021 13:26:19</div></div><div>Date: 17 SEP 2021 13:26:19</div></div> | Range Low  | Range Up   | RBW | Frequency | Power Abs | Alimit | 9.000 kHz | 150.000 kHz | 1.000 kHz | 24.58845 kHz | -77.00 dBm | -200.00 dB | 150.000 kHz | 30.000 MHz | 10.000 kHz | 295.48238 kHz | -69.71 dBm | -200.00 dB | 30.000 MHz | 1.000 GHz | 100.000 kHz | 469.98734 MHz | -43.97 dBm | -200.00 dB | 1.000 GHz | 5.000 GHz | 1.000 MHz | 4.22984 GHz | -30.76 dBm | -200.00 dB |
| Range Low      | Range Up        | RBW              | Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Power Abs  | Alimit     |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |
| 9.000 kHz      | 150.000 kHz     | 1.000 kHz        | 24.58845 kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -77.00 dBm | -200.00 dB |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |
| 150.000 kHz    | 30.000 MHz      | 10.000 kHz       | 295.48238 kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -69.71 dBm | -200.00 dB |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |
| 30.000 MHz     | 1.000 GHz       | 100.000 kHz      | 469.98734 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -43.97 dBm | -200.00 dB |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |
| 1.000 GHz      | 5.000 GHz       | 1.000 MHz        | 4.22984 GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -30.76 dBm | -200.00 dB |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |
| TX-ANH         | FM              | CH <sub>L</sub>  | <div><div><div>MultiViewSpectrum</div><div>Ref Level 20.50 dBm Offset 20.50 dB Mode Auto Sweep</div><div><div>1 Spurious Emissions</div><div><div>M1[1]</div><div>-35.80 dBm</div><div>800.020000 MHz</div></div></div><div><div>SPURIOUS_LINE_AAS_001</div></div><div><div>9.0 kHz</div><div>68704 pts</div><div>500.0 MHz/</div><div>5.0 GHz</div></div></div><div><div>2 Result Summary</div><table><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>Alimit</th></tr><tr><td>9.000 kHz</td><td>150.000 kHz</td><td>1.000 kHz</td><td>24.78959 kHz</td><td>-76.99 dBm</td><td>-200.00 dB</td></tr><tr><td>150.000 kHz</td><td>30.000 MHz</td><td>10.000 kHz</td><td>295.48238 kHz</td><td>-69.07 dBm</td><td>-200.00 dB</td></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>100.000 kHz</td><td>399.99797 MHz</td><td>-13.62 dBm</td><td>-200.00 dB</td></tr><tr><td>1.000 GHz</td><td>5.000 GHz</td><td>1.000 MHz</td><td>4.40008 GHz</td><td>-46.94 dBm</td><td>-200.00 dB</td></tr></table><div>Measuring... 17.09.2021 13:22:39</div></div><div>Date: 17 SEP 2021 13:22:39</div></div>  | Range Low  | Range Up   | RBW | Frequency | Power Abs | Alimit | 9.000 kHz | 150.000 kHz | 1.000 kHz | 24.78959 kHz | -76.99 dBm | -200.00 dB | 150.000 kHz | 30.000 MHz | 10.000 kHz | 295.48238 kHz | -69.07 dBm | -200.00 dB | 30.000 MHz | 1.000 GHz | 100.000 kHz | 399.99797 MHz | -13.62 dBm | -200.00 dB | 1.000 GHz | 5.000 GHz | 1.000 MHz | 4.40008 GHz | -46.94 dBm | -200.00 dB |
| Range Low      | Range Up        | RBW              | Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Power Abs  | Alimit     |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |
| 9.000 kHz      | 150.000 kHz     | 1.000 kHz        | 24.78959 kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -76.99 dBm | -200.00 dB |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |
| 150.000 kHz    | 30.000 MHz      | 10.000 kHz       | 295.48238 kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -69.07 dBm | -200.00 dB |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |
| 30.000 MHz     | 1.000 GHz       | 100.000 kHz      | 399.99797 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -13.62 dBm | -200.00 dB |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |
| 1.000 GHz      | 5.000 GHz       | 1.000 MHz        | 4.40008 GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -46.94 dBm | -200.00 dB |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |

# Appendix I:Spurious Emission On Antenna Port

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |            |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |
|----------------|-----------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|-----|-----------|-----------|--------|-----------|-------------|-----------|--------------|------------|------------|-------------|------------|------------|---------------|------------|------------|------------|-----------|-------------|---------------|------------|------------|-----------|-----------|-----------|-------------|------------|------------|
| TX-ANH         | FM              | CH <sub>M1</sub> | <div><div><div>MultiViewSpectrum</div><div>Ref Level 20.50 dBm Offset 20.50 dB Mode Auto Sweep</div><div><div>1 Spurious Emissions</div><div><div>M1[1]</div><div>-40.02 dBm</div><div>811.962000 MHz</div></div></div><div><div>SPURIOUS_LINE_AAS_001</div><div>-20.00 dBm</div></div><div><div>9.0 kHz</div><div>68704 pts</div><div>500.0 MHz/</div><div>5.0 GHz</div></div><div><div>2 Result Summary</div><table><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>Alimit</th></tr><tr><td>9.000 kHz</td><td>150.000 kHz</td><td>1.000 kHz</td><td>24.78959 kHz</td><td>-77.14 dBm</td><td>-200.00 dB</td></tr><tr><td>150.000 kHz</td><td>30.000 MHz</td><td>10.000 kHz</td><td>302.94301 kHz</td><td>-70.29 dBm</td><td>-200.00 dB</td></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>100.000 kHz</td><td>405.96934 MHz</td><td>-22.22 dBm</td><td>-200.00 dB</td></tr><tr><td>1.000 GHz</td><td>5.000 GHz</td><td>1.000 MHz</td><td>4.46583 GHz</td><td>-42.33 dBm</td><td>-200.00 dB</td></tr></table></div><div>Measuring... 17.09.2021 13:23:25</div></div><div>Date: 17 SEP 2021 13:23:24</div></div>  | Range Low  | Range Up   | RBW | Frequency | Power Abs | Alimit | 9.000 kHz | 150.000 kHz | 1.000 kHz | 24.78959 kHz | -77.14 dBm | -200.00 dB | 150.000 kHz | 30.000 MHz | 10.000 kHz | 302.94301 kHz | -70.29 dBm | -200.00 dB | 30.000 MHz | 1.000 GHz | 100.000 kHz | 405.96934 MHz | -22.22 dBm | -200.00 dB | 1.000 GHz | 5.000 GHz | 1.000 MHz | 4.46583 GHz | -42.33 dBm | -200.00 dB |
| Range Low      | Range Up        | RBW              | Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Power Abs  | Alimit     |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |
| 9.000 kHz      | 150.000 kHz     | 1.000 kHz        | 24.78959 kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -77.14 dBm | -200.00 dB |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |
| 150.000 kHz    | 30.000 MHz      | 10.000 kHz       | 302.94301 kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -70.29 dBm | -200.00 dB |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |
| 30.000 MHz     | 1.000 GHz       | 100.000 kHz      | 405.96934 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -22.22 dBm | -200.00 dB |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |
| 1.000 GHz      | 5.000 GHz       | 1.000 MHz        | 4.46583 GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -42.33 dBm | -200.00 dB |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |
| TX-ANH         | FM              | CH <sub>M2</sub> | <div><div><div>MultiViewSpectrum</div><div>Ref Level 20.50 dBm Offset 20.50 dB Mode Auto Sweep</div><div><div>1 Spurious Emissions</div><div><div>M1[1]</div><div>-40.68 dBm</div><div>812.205000 MHz</div></div></div><div><div>SPURIOUS_LINE_AAS_001</div><div>-20.00 dBm</div></div><div><div>9.0 kHz</div><div>68704 pts</div><div>500.0 MHz/</div><div>5.0 GHz</div></div><div><div>2 Result Summary</div><table><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>Alimit</th></tr><tr><td>9.000 kHz</td><td>150.000 kHz</td><td>1.000 kHz</td><td>24.99073 kHz</td><td>-77.05 dBm</td><td>-200.00 dB</td></tr><tr><td>150.000 kHz</td><td>30.000 MHz</td><td>10.000 kHz</td><td>295.48238 kHz</td><td>-70.35 dBm</td><td>-200.00 dB</td></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>100.000 kHz</td><td>406.09059 MHz</td><td>-22.64 dBm</td><td>-200.00 dB</td></tr><tr><td>1.000 GHz</td><td>5.000 GHz</td><td>1.000 MHz</td><td>4.46720 GHz</td><td>-42.55 dBm</td><td>-200.00 dB</td></tr></table></div><div>Measuring... 17.09.2021 13:23:43</div></div><div>Date: 17 SEP 2021 13:23:43</div></div>  | Range Low  | Range Up   | RBW | Frequency | Power Abs | Alimit | 9.000 kHz | 150.000 kHz | 1.000 kHz | 24.99073 kHz | -77.05 dBm | -200.00 dB | 150.000 kHz | 30.000 MHz | 10.000 kHz | 295.48238 kHz | -70.35 dBm | -200.00 dB | 30.000 MHz | 1.000 GHz | 100.000 kHz | 406.09059 MHz | -22.64 dBm | -200.00 dB | 1.000 GHz | 5.000 GHz | 1.000 MHz | 4.46720 GHz | -42.55 dBm | -200.00 dB |
| Range Low      | Range Up        | RBW              | Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Power Abs  | Alimit     |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |
| 9.000 kHz      | 150.000 kHz     | 1.000 kHz        | 24.99073 kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -77.05 dBm | -200.00 dB |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |
| 150.000 kHz    | 30.000 MHz      | 10.000 kHz       | 295.48238 kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -70.35 dBm | -200.00 dB |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |
| 30.000 MHz     | 1.000 GHz       | 100.000 kHz      | 406.09059 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -22.64 dBm | -200.00 dB |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |
| 1.000 GHz      | 5.000 GHz       | 1.000 MHz        | 4.46720 GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -42.55 dBm | -200.00 dB |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |
| TX-ANH         | FM              | CH <sub>M3</sub> | <div><div><div>MultiViewSpectrum</div><div>Ref Level 20.50 dBm Offset 20.50 dB Mode Auto Sweep</div><div><div>1 Spurious Emissions</div><div><div>M1[1]</div><div>-38.10 dBm</div><div>4.379957000 GHz</div></div></div><div><div>SPURIOUS_LINE_AAS_001</div><div>-20.00 dBm</div></div><div><div>9.0 kHz</div><div>68704 pts</div><div>500.0 MHz/</div><div>5.0 GHz</div></div><div><div>2 Result Summary</div><table><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>Alimit</th></tr><tr><td>9.000 kHz</td><td>150.000 kHz</td><td>1.000 kHz</td><td>24.58845 kHz</td><td>-77.16 dBm</td><td>-200.00 dB</td></tr><tr><td>150.000 kHz</td><td>30.000 MHz</td><td>10.000 kHz</td><td>302.94301 kHz</td><td>-69.66 dBm</td><td>-200.00 dB</td></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>100.000 kHz</td><td>438.00866 MHz</td><td>-41.53 dBm</td><td>-200.00 dB</td></tr><tr><td>1.000 GHz</td><td>5.000 GHz</td><td>1.000 MHz</td><td>4.37996 GHz</td><td>-38.10 dBm</td><td>-200.00 dB</td></tr></table></div><div>Measuring... 17.09.2021 13:24:05</div></div><div>Date: 17 SEP 2021 13:24:06</div></div> | Range Low  | Range Up   | RBW | Frequency | Power Abs | Alimit | 9.000 kHz | 150.000 kHz | 1.000 kHz | 24.58845 kHz | -77.16 dBm | -200.00 dB | 150.000 kHz | 30.000 MHz | 10.000 kHz | 302.94301 kHz | -69.66 dBm | -200.00 dB | 30.000 MHz | 1.000 GHz | 100.000 kHz | 438.00866 MHz | -41.53 dBm | -200.00 dB | 1.000 GHz | 5.000 GHz | 1.000 MHz | 4.37996 GHz | -38.10 dBm | -200.00 dB |
| Range Low      | Range Up        | RBW              | Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Power Abs  | Alimit     |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |
| 9.000 kHz      | 150.000 kHz     | 1.000 kHz        | 24.58845 kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -77.16 dBm | -200.00 dB |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |
| 150.000 kHz    | 30.000 MHz      | 10.000 kHz       | 302.94301 kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -69.66 dBm | -200.00 dB |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |
| 30.000 MHz     | 1.000 GHz       | 100.000 kHz      | 438.00866 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -41.53 dBm | -200.00 dB |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |
| 1.000 GHz      | 5.000 GHz       | 1.000 MHz        | 4.37996 GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -38.10 dBm | -200.00 dB |     |           |           |        |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |

### Appendix I:Spurious Emission On Antenna Port

| Operation Mode | Modulation Type | Test Channel    | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |            |     |           |           |          |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |
|----------------|-----------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|-----|-----------|-----------|----------|-----------|-------------|-----------|--------------|------------|------------|-------------|------------|------------|---------------|------------|------------|------------|-----------|-------------|---------------|------------|------------|-----------|-----------|-----------|-------------|------------|------------|
| TX-ANH         | FM              | CH <sub>H</sub> | <div><div>MultiViewSpectrum</div><div>Ref Level 20.50 dBm Offset 20.50 dB Mode Auto Sweep</div><div><div>1 Spurious Emissions</div><div><div>1 Max</div><div>MI[1]</div><div>-30.68 dBm</div><div>4.229837000 GHz</div></div><div>9.0 kHz68704 pts500.0 MHz/5.0 GHz</div></div><div><div>2 Result Summary</div><table><thead><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>At Limit</th></tr></thead><tbody><tr><td>9.000 kHz</td><td>150.000 kHz</td><td>1.000 kHz</td><td>24.99073 kHz</td><td>-77.21 dBm</td><td>-200.00 dB</td></tr><tr><td>150.000 kHz</td><td>30.000 MHz</td><td>10.000 kHz</td><td>295.48238 kHz</td><td>-68.12 dBm</td><td>-200.00 dB</td></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>100.000 kHz</td><td>469.98734 MHz</td><td>-43.71 dBm</td><td>-200.00 dB</td></tr><tr><td>1.000 GHz</td><td>5.000 GHz</td><td>1.000 MHz</td><td>4.22984 GHz</td><td>-30.68 dBm</td><td>-200.00 dB</td></tr></tbody></table></div><div><div>Measuring...</div><div>17.09.2021 13:24:37</div></div></div> <div>Date: 17.SEP.2021 13:24:36</div> | Range Low  | Range Up   | RBW | Frequency | Power Abs | At Limit | 9.000 kHz | 150.000 kHz | 1.000 kHz | 24.99073 kHz | -77.21 dBm | -200.00 dB | 150.000 kHz | 30.000 MHz | 10.000 kHz | 295.48238 kHz | -68.12 dBm | -200.00 dB | 30.000 MHz | 1.000 GHz | 100.000 kHz | 469.98734 MHz | -43.71 dBm | -200.00 dB | 1.000 GHz | 5.000 GHz | 1.000 MHz | 4.22984 GHz | -30.68 dBm | -200.00 dB |
| Range Low      | Range Up        | RBW             | Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Power Abs  | At Limit   |     |           |           |          |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |
| 9.000 kHz      | 150.000 kHz     | 1.000 kHz       | 24.99073 kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -77.21 dBm | -200.00 dB |     |           |           |          |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |
| 150.000 kHz    | 30.000 MHz      | 10.000 kHz      | 295.48238 kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -68.12 dBm | -200.00 dB |     |           |           |          |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |
| 30.000 MHz     | 1.000 GHz       | 100.000 kHz     | 469.98734 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -43.71 dBm | -200.00 dB |     |           |           |          |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |
| 1.000 GHz      | 5.000 GHz       | 1.000 MHz       | 4.22984 GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -30.68 dBm | -200.00 dB |     |           |           |          |           |             |           |              |            |            |             |            |            |               |            |            |            |           |             |               |            |            |           |           |           |             |            |            |

----End of Report----