

# Appendix C:Emission Mask

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                |           |              |                |                |           |              |                |           |        |           |          |       |         |     |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
|----------------|-----------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------|--------------|----------------|----------------|-----------|--------------|----------------|-----------|--------|-----------|----------|-------|---------|-----|-------|---------|-------|-----------|-----------|----------|--------|---------|----------|--------|---------|---------|-----------|-----------|----------|--------|----------|----------|--------|----------|---------|-----------|-----------|-----------|---|-----|---|---|-----|---|-----------|-----------|-----------|---|-----|---|---|-----|---|-----------|-----------|-----------|---|-----|---|---|-----|---|
| TX-ANH         | FM              | CH <sub>M3</sub> | <div><div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>Center Freq 438.012500 MHz</div><div>Center Freq: 438.012500 MHz</div><div>Trig: Free Run</div><div>Avg: 100.00% of 10</div><div>Radio Std: None</div><div>Radio Device: BTS</div></div><div><div>Ref Offset 23 dB</div><div>Ref 42.0 dBm</div></div><div><div>Center 438 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref</div><div>37.47 dBm 0.0125 MHz</div></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; 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>34.68</td><td>(-3.39)</td><td>0.0</td><td>36.24</td><td>(-1.83)</td><td>100.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-35.28</td><td>(-1.91)</td><td>-12.50 k</td><td>-32.62</td><td>(-1.80)</td><td>12.15 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-34.89</td><td>(-14.89)</td><td>-13.70 k</td><td>-32.62</td><td>(-12.62)</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></div><div><div>Frequency</div><div>Center Freq<br/>438.012500 MHz</div><div>CF Step<br/>12.000 kHz<br/>Man</div><div>Freq Offset<br/>0 Hz</div></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 | 34.68 | (-3.39) | 0.0 | 36.24 | (-1.83) | 100.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -35.28 | (-1.91) | -12.50 k | -32.62 | (-1.80) | 12.15 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -34.89 | (-14.89) | -13.70 k | -32.62 | (-12.62) | 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         | 34.68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | (-3.39)        | 0.0       | 36.24        | (-1.83)        | 100.0          |           |              |                |           |        |           |          |       |         |     |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -35.28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (-1.91)        | -12.50 k  | -32.62       | (-1.80)        | 12.15 k        |           |              |                |           |        |           |          |       |         |     |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -34.89                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (-14.89)       | -13.70 k  | -32.62       | (-12.62)       | 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        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (—)            | —         | —            | (—)            | —              |           |              |                |           |        |           |          |       |         |     |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| TX-ANH         | FM              | CH <sub>H</sub>  | <div><div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>Center Freq 469.987500 MHz</div><div>Center Freq: 469.987500 MHz</div><div>Trig: Free Run</div><div>Avg: 100.00% of 10</div><div>Radio Std: None</div><div>Radio Device: BTS</div></div><div><div>Ref Offset 23 dB</div><div>Ref 42.0 dBm</div></div><div><div>Center 470 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref</div><div>37.02 dBm 0.0125 MHz</div></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; 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>37.04</td><td>(-0.64)</td><td>0.0</td><td>37.04</td><td>(-0.64)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-35.25</td><td>(-3.31)</td><td>-12.25 k</td><td>-35.95</td><td>(-4.01)</td><td>12.25 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-37.08</td><td>(-17.08)</td><td>-17.05 k</td><td>-37.15</td><td>(-17.15)</td><td>17.05 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><div>Frequency</div><div>Center Freq<br/>469.987500 MHz</div><div>CF Step<br/>12.000 kHz<br/>Man</div><div>Freq Offset<br/>0 Hz</div></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 | 37.04 | (-0.64) | 0.0 | 37.04 | (-0.64) | 0.0   | 5.625 kHz | 12.50 kHz | 100.0 Hz | -35.25 | (-3.31) | -12.25 k | -35.95 | (-4.01) | 12.25 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -37.08 | (-17.08) | -17.05 k | -37.15 | (-17.15) | 17.05 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         | 37.04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | (-0.64)        | 0.0       | 37.04        | (-0.64)        | 0.0            |           |              |                |           |        |           |          |       |         |     |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -35.25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (-3.31)        | -12.25 k  | -35.95       | (-4.01)        | 12.25 k        |           |              |                |           |        |           |          |       |         |     |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -37.08                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (-17.08)       | -17.05 k  | -37.15       | (-17.15)       | 17.05 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        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (—)            | —         | —            | (—)            | —              |           |              |                |           |        |           |          |       |         |     |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
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| 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         | 35.70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | (-1.98)        | 0.0       | 35.74        | (-1.94)        | 50.00          |           |              |                |           |        |           |          |       |         |     |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -35.91                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (-3.24)        | -12.35 k  | -34.28       | (-0.52)        | 12.50 k        |           |              |                |           |        |           |          |       |         |     |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -34.54                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (-14.54)       | -13.70 k  | -32.22       | (-12.22)       | 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        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (—)            | —         | —            | (—)            | —              |           |              |                |           |        |           |          |       |         |     |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |

# Appendix C:Emission Mask

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |          |        |                |           |              |                |                |           |              |                |           |        |           |          |       |         |     |       |         |       |           |           |          |        |          |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
|----------------|-----------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|--------|----------------|-----------|--------------|----------------|----------------|-----------|--------------|----------------|-----------|--------|-----------|----------|-------|---------|-----|-------|---------|-------|-----------|-----------|----------|--------|----------|----------|--------|---------|---------|-----------|-----------|----------|--------|----------|----------|--------|----------|---------|-----------|-----------|-----------|---|-----|---|---|-----|---|-----------|-----------|-----------|---|-----|---|---|-----|---|-----------|-----------|-----------|---|-----|---|---|-----|---|
| TX-ANL         | FM              | CH <sub>L</sub>  | <div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>RL</div><div>RF</div><div>SENSE-PULSE</div><div>ALIGN OFF</div><div>09:56:34 AM Apr 16, 2021</div></div><div>Center Freq 400.012500 MHz</div><div>Center Freq: 400.012500 MHz</div><div>Radio Std: None</div><div>PASS</div><div>IF Gain: Low</div><div>#Atten: 40 dB</div><div>Radio Device: BTS</div></div><div><div>Ref Offset 22 dB</div><div>Ref 38.0 dBm</div><div><div>10 dB/div</div><div>Log</div><div>28.0</div><div>18.0</div><div>8.00</div><div>-2.00</div><div>-12.0</div><div>-22.0</div><div>-32.0</div><div>-42.0</div><div>-52.0</div></div><div><div>Center 400 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref</div><div>32.61 dBm 0.0125 MHz</div><div><table><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; dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>31.98</td><td>(-1.53)</td><td>0.0</td><td>32.09</td><td>(-1.41)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-42.36</td><td>(-5.89)</td><td>-12.30 k</td><td>-42.41</td><td>(-5.57)</td><td>12.35 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-38.57</td><td>(-18.57)</td><td>-12.50 k</td><td>-38.11</td><td>(-18.11)</td><td>12.60 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></table></div></div></div><div><div>msa</div><div>File &lt;MASK D.state&gt; recalled</div><div>STATUS</div><div>Align Now, All required</div></div></div> <div><div>Frequency</div><div>Center Freq</div><div>400.012500 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 | 31.98 | (-1.53) | 0.0 | 32.09 | (-1.41) | 50.00 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -42.36 | (-5.89)  | -12.30 k | -42.41 | (-5.57) | 12.35 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -38.57 | (-18.57) | -12.50 k | -38.11 | (-18.11) | 12.60 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 | 31.98  | (-1.53)        | 0.0       | 32.09        | (-1.41)        | 50.00          |           |              |                |           |        |           |          |       |         |     |       |         |       |           |           |          |        |          |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -42.36                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (-5.89)   | -12.30 k | -42.41 | (-5.57)        | 12.35 k   |              |                |                |           |              |                |           |        |           |          |       |         |     |       |         |       |           |           |          |        |          |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -38.57                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (-18.57)  | -12.50 k | -38.11 | (-18.11)       | 12.60 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>L</sub>  | <div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>RL</div><div>RF</div><div>SENSE-PULSE</div><div>ALIGN OFF</div><div>09:56:55 AM Apr 16, 2021</div></div><div>Center Freq 400.012500 MHz</div><div>Center Freq: 400.012500 MHz</div><div>Radio Std: None</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>Ref Offset 22 dB</div><div>Ref 38.0 dBm</div><div><div>10 dB/div</div><div>Log</div><div>28.0</div><div>18.0</div><div>8.00</div><div>-2.00</div><div>-12.0</div><div>-22.0</div><div>-32.0</div><div>-42.0</div><div>-52.0</div></div><div><div>Center 400 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref</div><div>32.27 dBm 0.0125 MHz</div><div><table><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; dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>30.72</td><td>(-2.78)</td><td>0.0</td><td>31.12</td><td>(-2.39)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-38.88</td><td>(-2.40)</td><td>-12.30 k</td><td>-37.79</td><td>(-2.77)</td><td>12.10 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-40.29</td><td>(-20.29)</td><td>-13.00 k</td><td>-38.33</td><td>(-18.33)</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></table></div></div></div><div><div>msa</div><div>File &lt;Temp.png&gt; saved</div><div>STATUS</div><div>Align Now, All required</div></div></div> <div><div>Frequency</div><div>Center Freq</div><div>400.012500 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 | 30.72 | (-2.78) | 0.0 | 31.12 | (-2.39) | 50.00 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -38.88 | (-2.40)  | -12.30 k | -37.79 | (-2.77) | 12.10 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -40.29 | (-20.29) | -13.00 k | -38.33 | (-18.33) | 13.20 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 | 30.72  | (-2.78)        | 0.0       | 31.12        | (-2.39)        | 50.00          |           |              |                |           |        |           |          |       |         |     |       |         |       |           |           |          |        |          |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -38.88                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (-2.40)   | -12.30 k | -37.79 | (-2.77)        | 12.10 k   |              |                |                |           |              |                |           |        |           |          |       |         |     |       |         |       |           |           |          |        |          |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -40.29                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (-20.29)  | -13.00 k | -38.33 | (-18.33)       | 13.20 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>M1</sub> | <div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>RL</div><div>RF</div><div>SENSE-PULSE</div><div>ALIGN OFF</div><div>10:52:15 AM Apr 28, 2021</div></div><div>Center Freq 405.987500 MHz</div><div>Center Freq: 405.987500 MHz</div><div>Radio Std: None</div><div>PASS</div><div>IF Gain: Low</div><div>#Atten: 40 dB</div><div>Radio Device: BTS</div></div><div><div>Ref Offset 22 dB</div><div>Ref 37.0 dBm</div><div><div>10 dB/div</div><div>Log</div><div>27.0</div><div>17.0</div><div>7.00</div><div>-3.00</div><div>-13.0</div><div>-23.0</div><div>-33.0</div><div>-43.0</div><div>-53.0</div></div><div><div>Center 406 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref</div><div>31.98 dBm 0.0125 MHz</div><div><table><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; dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>32.02</td><td>(-1.47)</td><td>0.0</td><td>32.02</td><td>(-1.47)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-46.95</td><td>(-10.09)</td><td>-12.35 k</td><td>-46.53</td><td>(-9.67)</td><td>12.35 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-41.62</td><td>(-21.62)</td><td>-18.55 k</td><td>-41.56</td><td>(-21.56)</td><td>18.55 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></table></div></div></div><div><div>msa</div><div>File &lt;MASK D.state&gt; recalled</div><div>STATUS</div><div>Align Now, All required</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 | 32.02 | (-1.47) | 0.0 | 32.02 | (-1.47) | 0.0   | 5.625 kHz | 12.50 kHz | 100.0 Hz | -46.95 | (-10.09) | -12.35 k | -46.53 | (-9.67) | 12.35 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -41.62 | (-21.62) | -18.55 k | -41.56 | (-21.56) | 18.55 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 | 32.02  | (-1.47)        | 0.0       | 32.02        | (-1.47)        | 0.0            |           |              |                |           |        |           |          |       |         |     |       |         |       |           |           |          |        |          |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -46.95                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (-10.09)  | -12.35 k | -46.53 | (-9.67)        | 12.35 k   |              |                |                |           |              |                |           |        |           |          |       |         |     |       |         |       |           |           |          |        |          |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -41.62                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (-21.62)  | -18.55 k | -41.56 | (-21.56)       | 18.55 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        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | (—)       | —        | —      | (—)            | —         |              |                |                |           |              |                |           |        |           |          |       |         |     |       |         |       |           |           |          |        |          |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |

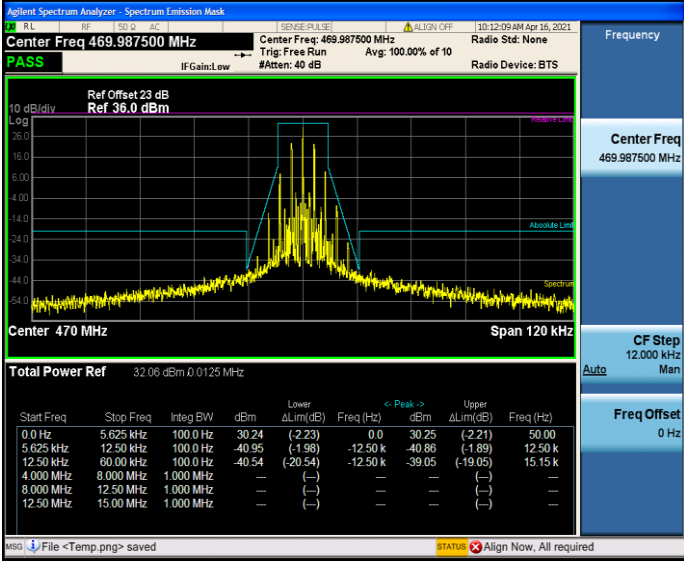
# Appendix C:Emission Mask

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |           |          |                |                |           |          |                |                |           |        |           |          |       |         |     |       |         |       |  |           |           |          |        |         |          |        |         |         |  |           |           |          |        |          |          |        |          |         |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |                                                                                                                                          |
|----------------|-----------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------|----------|----------------|----------------|-----------|----------|----------------|----------------|-----------|--------|-----------|----------|-------|---------|-----|-------|---------|-------|--|-----------|-----------|----------|--------|---------|----------|--------|---------|---------|--|-----------|-----------|----------|--------|----------|----------|--------|----------|---------|--|-----------|-----------|-----------|---|-----|---|---|-----|---|--|-----------|-----------|-----------|---|-----|---|---|-----|---|--|-----------|-----------|-----------|---|-----|---|---|-----|---|--|------------------------------------------------------------------------------------------------------------------------------------------|
| TX-ANL         | FM              | CH <sub>M1</sub> | <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>Trig: Free Run</div><div>Avg: 100.00% of 10</div><div>Radio Std: None</div><div>Radio Device: BTS</div></div><div><div>Ref Offset 22 dB</div><div>Ref 37.0 dBm</div></div><div><div>Center 406 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref</div><div>32.72 dBm 0.0125 MHz</div></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>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>30.95</td><td>(-2.54)</td><td>0.0</td><td>31.06</td><td>(-2.43)</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>-38.30</td><td>(-1.09)</td><td>-12.40 k</td><td>-39.24</td><td>(-1.30)</td><td>12.50 k</td><td></td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-38.96</td><td>(-18.96)</td><td>-13.80 k</td><td>-37.78</td><td>(-17.78)</td><td>12.50 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> | 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 | 30.95 | (-2.54) | 0.0 | 31.06 | (-2.43) | 50.00 |  | 5.625 kHz | 12.50 kHz | 100.0 Hz | -38.30 | (-1.09) | -12.40 k | -39.24 | (-1.30) | 12.50 k |  | 12.50 kHz | 60.00 kHz | 100.0 Hz | -38.96 | (-18.96) | -13.80 k | -37.78 | (-17.78) | 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 | — | (—) | — | — | (—) | — |  | <div>Frequency</div> <div>Center Freq<br/>405.987500 MHz</div> <div>CF Step<br/>12.000 kHz<br/>Man</div> <div>Freq Offset<br/>0 Hz</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  | 30.95    | (-2.54)        | 0.0            | 31.06     | (-2.43)  | 50.00          |                |           |        |           |          |       |         |     |       |         |       |  |           |           |          |        |         |          |        |         |         |  |           |           |          |        |          |          |        |          |         |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |                                                                                                                                          |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -38.30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (-1.09)    | -12.40 k  | -39.24   | (-1.30)        | 12.50 k        |           |          |                |                |           |        |           |          |       |         |     |       |         |       |  |           |           |          |        |         |          |        |         |         |  |           |           |          |        |          |          |        |          |         |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |                                                                                                                                          |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -38.96                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (-18.96)   | -13.80 k  | -37.78   | (-17.78)       | 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>M2</sub> | <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>Trig: Free Run</div><div>Avg: 100.00% of 10</div><div>Radio Std: None</div><div>Radio Device: BTS</div></div><div><div>Ref Offset 22 dB</div><div>Ref 37.0 dBm</div></div><div><div>Center 406.1 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref</div><div>32.02 dBm 0.0125 MHz</div></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>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>32.00</td><td>(-1.47)</td><td>0.0</td><td>32.00</td><td>(-1.47)</td><td>0.0</td><td></td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-38.37</td><td>(-5.13)</td><td>-11.85 k</td><td>-38.55</td><td>(-5.31)</td><td>11.85 k</td><td></td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-41.90</td><td>(-21.90)</td><td>-13.70 k</td><td>-41.57</td><td>(-21.57)</td><td>13.75 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> | 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 | 32.00 | (-1.47) | 0.0 | 32.00 | (-1.47) | 0.0   |  | 5.625 kHz | 12.50 kHz | 100.0 Hz | -38.37 | (-5.13) | -11.85 k | -38.55 | (-5.31) | 11.85 k |  | 12.50 kHz | 60.00 kHz | 100.0 Hz | -41.90 | (-21.90) | -13.70 k | -41.57 | (-21.57) | 13.75 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 | — | (—) | — | — | (—) | — |  | <div>Frequency</div> <div>Center Freq<br/>406.112500 MHz</div> <div>CF Step<br/>12.000 kHz<br/>Man</div> <div>Freq Offset<br/>0 Hz</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  | 32.00    | (-1.47)        | 0.0            | 32.00     | (-1.47)  | 0.0            |                |           |        |           |          |       |         |     |       |         |       |  |           |           |          |        |         |          |        |         |         |  |           |           |          |        |          |          |        |          |         |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |                                                                                                                                          |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -38.37                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (-5.13)    | -11.85 k  | -38.55   | (-5.31)        | 11.85 k        |           |          |                |                |           |        |           |          |       |         |     |       |         |       |  |           |           |          |        |         |          |        |         |         |  |           |           |          |        |          |          |        |          |         |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |                                                                                                                                          |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -41.90                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (-21.90)   | -13.70 k  | -41.57   | (-21.57)       | 13.75 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>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>Center Freq 406.112500 MHz</div><div>Center Freq: 406.112500 MHz</div><div>Trig: Free Run</div><div>Avg: 100.00% of 10</div><div>Radio Std: None</div><div>Radio Device: BTS</div></div><div><div>Ref Offset 22 dB</div><div>Ref 37.0 dBm</div></div><div><div>Center 406.1 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref</div><div>32.59 dBm 0.0125 MHz</div></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>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>31.00</td><td>(-2.47)</td><td>0.0</td><td>31.00</td><td>(-2.47)</td><td>0.0</td><td></td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-38.66</td><td>(-1.05)</td><td>-12.45 k</td><td>-41.41</td><td>(-3.44)</td><td>12.50 k</td><td></td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-40.13</td><td>(-20.13)</td><td>-14.55 k</td><td>-38.65</td><td>(-18.65)</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> | 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 | 31.00 | (-2.47) | 0.0 | 31.00 | (-2.47) | 0.0   |  | 5.625 kHz | 12.50 kHz | 100.0 Hz | -38.66 | (-1.05) | -12.45 k | -41.41 | (-3.44) | 12.50 k |  | 12.50 kHz | 60.00 kHz | 100.0 Hz | -40.13 | (-20.13) | -14.55 k | -38.65 | (-18.65) | 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 | — | (—) | — | — | (—) | — |  | <div>Frequency</div> <div>Center Freq<br/>406.112500 MHz</div> <div>CF Step<br/>12.000 kHz<br/>Man</div> <div>Freq Offset<br/>0 Hz</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  | 31.00    | (-2.47)        | 0.0            | 31.00     | (-2.47)  | 0.0            |                |           |        |           |          |       |         |     |       |         |       |  |           |           |          |        |         |          |        |         |         |  |           |           |          |        |          |          |        |          |         |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |                                                                                                                                          |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -38.66                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (-1.05)    | -12.45 k  | -41.41   | (-3.44)        | 12.50 k        |           |          |                |                |           |        |           |          |       |         |     |       |         |       |  |           |           |          |        |         |          |        |         |         |  |           |           |          |        |          |          |        |          |         |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |           |           |           |   |     |   |   |     |   |  |                                                                                                                                          |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -40.13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (-20.13)   | -14.55 k  | -38.65   | (-18.65)       | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |           |          |                |                |              |                |                |           |        |           |          |       |         |     |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |                                                                                                                                          |
|----------------|-----------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------|----------|----------------|----------------|--------------|----------------|----------------|-----------|--------|-----------|----------|-------|---------|-----|-------|---------|-------|-----------|-----------|----------|--------|---------|----------|--------|---------|---------|-----------|-----------|----------|--------|----------|----------|--------|----------|---------|-----------|-----------|-----------|---|-----|---|---|-----|---|-----------|-----------|-----------|---|-----|---|---|-----|---|-----------|-----------|-----------|---|-----|---|---|-----|---|------------------------------------------------------------------------------------------------------------------------------------------|
| TX-ANL         | FM              | CH <sub>M3</sub> | <p>Agilent Spectrum Analyzer - Spectrum Emission Mask</p> <p>Center Freq 438.012500 MHz</p> <p>Ref Offset 23 dB</p> <p>Ref 37.0 dBm</p> <p>Center 438 MHz</p> <p>Span 120 kHz</p> <p>Total Power Ref 33.03 dBm.0 0125 MHz</p> <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; 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>32.22</td><td>(-1.05)</td><td>0.0</td><td>32.46</td><td>(-0.81)</td><td>50.00</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-39.74</td><td>(-6.30)</td><td>-11.85 k</td><td>-40.76</td><td>(-6.59)</td><td>11.95 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-40.18</td><td>(-20.18)</td><td>-16.10 k</td><td>-40.05</td><td>(-20.05)</td><td>16.15 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> <p>MSO File &lt;MASK D.state&gt; recalled</p> <p>STATUS Align Now, All required</p> | 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 | 32.22 | (-1.05) | 0.0 | 32.46 | (-0.81) | 50.00 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -39.74 | (-6.30) | -11.85 k | -40.76 | (-6.59) | 11.95 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -40.18 | (-20.18) | -16.10 k | -40.05 | (-20.05) | 16.15 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 | — | (—) | — | — | (—) | — | <div>Frequency</div> <div>Center Freq<br/>438.012500 MHz</div> <div>CF Step<br/>12.000 kHz<br/>Man</div> <div>Freq Offset<br/>0 Hz</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  | 32.22    | (-1.05)        | 0.0            | 32.46        | (-0.81)        | 50.00          |           |        |           |          |       |         |     |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |                                                                                                                                          |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -39.74                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (-6.30)    | -11.85 k  | -40.76   | (-6.59)        | 11.95 k        |              |                |                |           |        |           |          |       |         |     |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |                                                                                                                                          |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -40.18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (-20.18)   | -16.10 k  | -40.05   | (-20.05)       | 16.15 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>M3</sub> | <p>Agilent Spectrum Analyzer - Spectrum Emission Mask</p> <p>Center Freq 438.012500 MHz</p> <p>Ref Offset 23 dB</p> <p>Ref 37.0 dBm</p> <p>Center 438 MHz</p> <p>Span 120 kHz</p> <p>Total Power Ref 32.80 dBm.0 0125 MHz</p> <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; 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>30.51</td><td>(-2.76)</td><td>0.0</td><td>31.47</td><td>(-1.80)</td><td>100.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-38.94</td><td>(-2.22)</td><td>-12.30 k</td><td>-40.07</td><td>(-1.90)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-37.85</td><td>(-17.85)</td><td>-12.65 k</td><td>-36.03</td><td>(-16.03)</td><td>13.55 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> <p>MSO File &lt;Temp.png&gt; saved</p> <p>STATUS Align Now, All required</p>        | 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 | 30.51 | (-2.76) | 0.0 | 31.47 | (-1.80) | 100.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -38.94 | (-2.22) | -12.30 k | -40.07 | (-1.90) | 12.50 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -37.85 | (-17.85) | -12.65 k | -36.03 | (-16.03) | 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 | — | (—) | — | — | (—) | — | <div>Frequency</div> <div>Center Freq<br/>438.012500 MHz</div> <div>CF Step<br/>12.000 kHz<br/>Man</div> <div>Freq Offset<br/>0 Hz</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  | 30.51    | (-2.76)        | 0.0            | 31.47        | (-1.80)        | 100.0          |           |        |           |          |       |         |     |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |                                                                                                                                          |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -38.94                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (-2.22)    | -12.30 k  | -40.07   | (-1.90)        | 12.50 k        |              |                |                |           |        |           |          |       |         |     |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |                                                                                                                                          |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -37.85                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (-17.85)   | -12.65 k  | -36.03   | (-16.03)       | 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>H</sub>  | <p>Agilent Spectrum Analyzer - Spectrum Emission Mask</p> <p>Center Freq 469.987500 MHz</p> <p>Ref Offset 23 dB</p> <p>Ref 36.0 dBm</p> <p>Center 470 MHz</p> <p>Span 120 kHz</p> <p>Total Power Ref 31.58 dBm.0 0125 MHz</p> <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; 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>31.63</td><td>(-0.84)</td><td>0.0</td><td>31.63</td><td>(-0.84)</td><td>0.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-41.69</td><td>(-5.26)</td><td>-12.15 k</td><td>-42.18</td><td>(-5.38)</td><td>12.20 k</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>-14.80 k</td><td>-39.90</td><td>(-19.90)</td><td>14.80 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> <p>MSO File &lt;MASK D.state&gt; recalled</p> <p>STATUS Align Now, All required</p>   | 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 | 31.63 | (-0.84) | 0.0 | 31.63 | (-0.84) | 0.0   | 5.625 kHz | 12.50 kHz | 100.0 Hz | -41.69 | (-5.26) | -12.15 k | -42.18 | (-5.38) | 12.20 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -39.76 | (-19.76) | -14.80 k | -39.90 | (-19.90) | 14.80 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 | — | (—) | — | — | (—) | — | <div>Frequency</div> <div>Center Freq<br/>469.987500 MHz</div> <div>CF Step<br/>12.000 kHz<br/>Man</div> <div>Freq Offset<br/>0 Hz</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  | 31.63    | (-0.84)        | 0.0            | 31.63        | (-0.84)        | 0.0            |           |        |           |          |       |         |     |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |                                                                                                                                          |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -41.69                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (-5.26)    | -12.15 k  | -42.18   | (-5.38)        | 12.20 k        |              |                |                |           |        |           |          |       |         |     |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |                                                                                                                                          |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -39.76                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (-19.76)   | -14.80 k  | -39.90   | (-19.90)       | 14.80 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

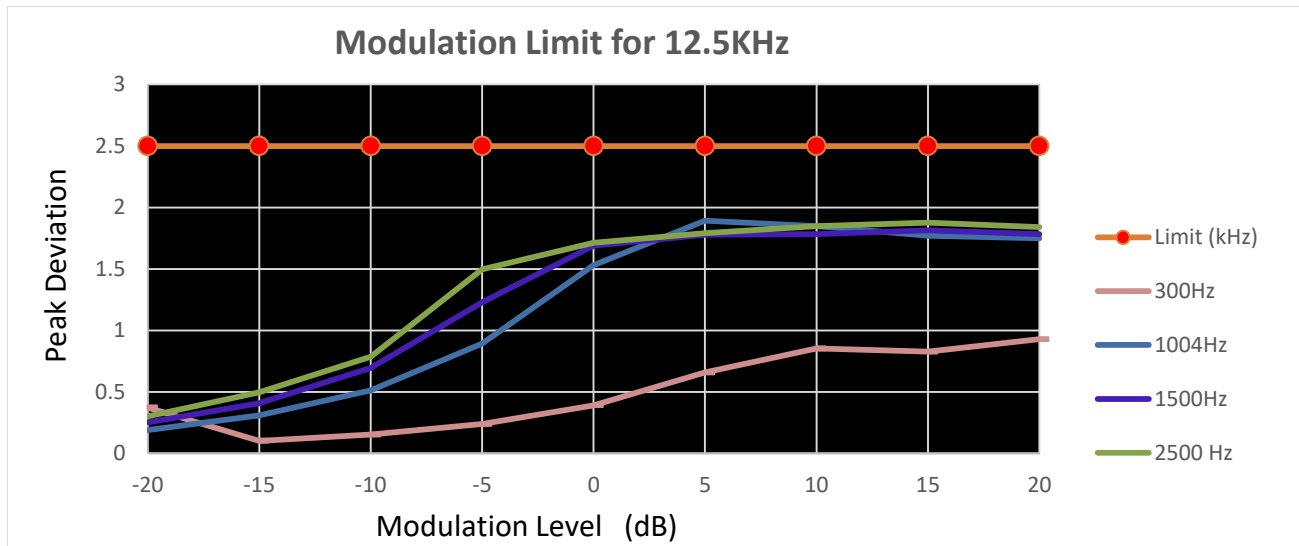
| Operation Mode | Modulation Type | Test Channel    | TEST PLOT RESULT                                                                   |  |                     |  |
|----------------|-----------------|-----------------|------------------------------------------------------------------------------------|--|---------------------|--|
| TX-ANL         | FM              | CH <sub>H</sub> |  |  | Frequency           |  |
|                |                 |                 | Center Freq<br>469.987500 MHz                                                      |  |                     |  |
|                |                 |                 | CF Step<br>12.000 kHz<br>Man                                                       |  | Freq Offset<br>0 Hz |  |

### 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                   | 0.373                          | 0.191  | 0.254  | 0.302   | 2.5         | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | -15                   | 0.103                          | 0.311  | 0.410  | 0.498   | 2.5         | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | -10                   | 0.153                          | 0.513  | 0.695  | 0.787   | 2.5         | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | -5                    | 0.240                          | 0.892  | 1.229  | 1.498   | 2.5         | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 0                     | 0.392                          | 1.532  | 1.690  | 1.712   | 2.5         | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 5                     | 0.658                          | 1.892  | 1.779  | 1.790   | 2.5         | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 10                    | 0.854                          | 1.847  | 1.784  | 1.848   | 2.5         | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 15                    | 0.828                          | 1.771  | 1.814  | 1.876   | 2.5         | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 20                    | 0.929                          | 1.750  | 1.783  | 1.840   | 2.5         | PASS   |

## Appendix D:Modulation Limit

### TEST PLOT RESULT



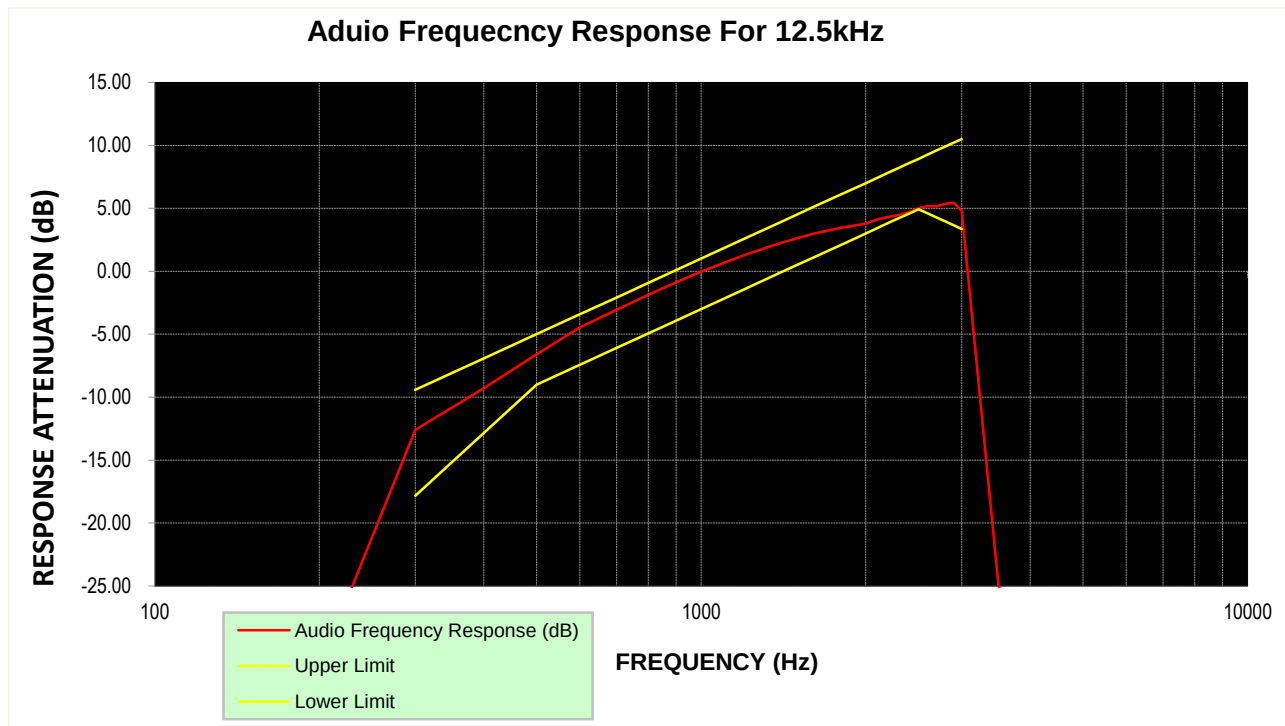
## Appendix E:Audio Frequency Response

| 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            | -31.35                        |             |             | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 200            | -31.55                        |             |             | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 300            | -12.59                        | -17.84      | -9.42       | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 400            | -9.28                         | -12.86      | -6.93       | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 500            | -6.60                         | -9.00       | -5.00       | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 600            | -4.46                         | -7.42       | -3.42       | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 700            | -3.05                         | -6.09       | -2.09       | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 800            | -1.86                         | -4.93       | -0.93       | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 900            | -0.87                         | -3.91       | 0.09        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 1000           | -0.03                         | -3.00       | 1.00        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 1200           | 1.28                          | -1.42       | 2.58        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 1400           | 2.26                          | -0.09       | 3.91        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 1600           | 2.97                          | 1.07        | 5.07        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 1800           | 3.45                          | 2.09        | 6.09        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 2000           | 3.78                          | 3.00        | 7.00        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 2100           | 4.11                          | 3.42        | 7.42        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 2200           | 4.33                          | 3.83        | 7.83        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 2300           | 4.46                          | 4.21        | 8.21        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 2400           | 4.69                          | 4.58        | 8.58        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 2500           | 5.01                          | 4.93        | 8.93        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 2600           | 5.17                          | 4.59        | 9.27        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 2700           | 5.15                          | 4.27        | 9.60        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 2800           | 5.36                          | 3.95        | 9.91        | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 2900           | 5.42                          | 3.65        | 10.22       | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 3000           | 4.79                          | 3.35        | 10.51       | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 3500           | -24.98                        |             |             | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 4000           | -31.53                        |             |             | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 4500           | -31.46                        |             |             | PASS   |
| TX-ANH         | FM              | CH <sub>M2</sub> | 5000           | -31.38                        |             |             | PASS   |



## Appendix E:Audio Frequency Response

### TEST PLOT RESULT



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

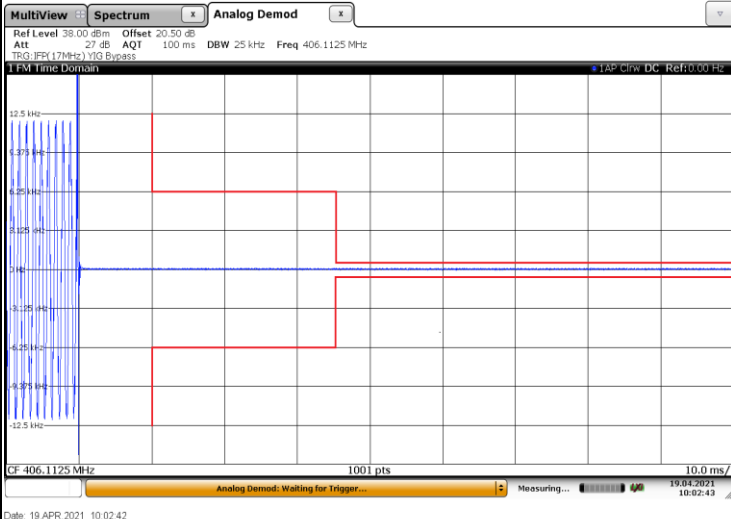
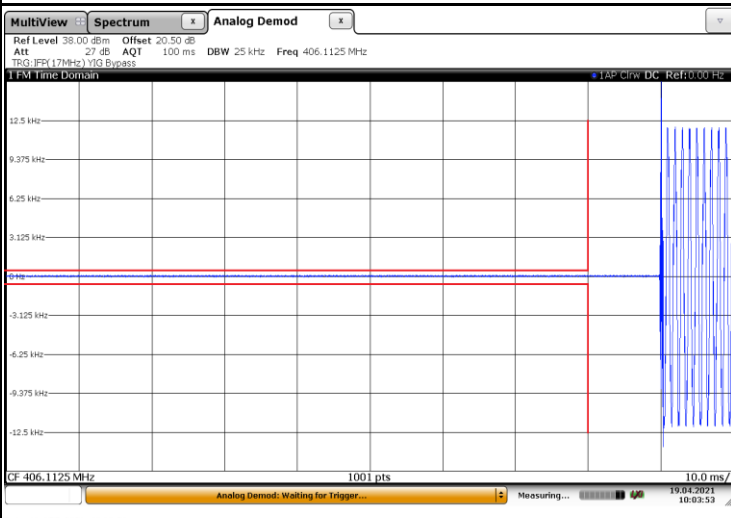
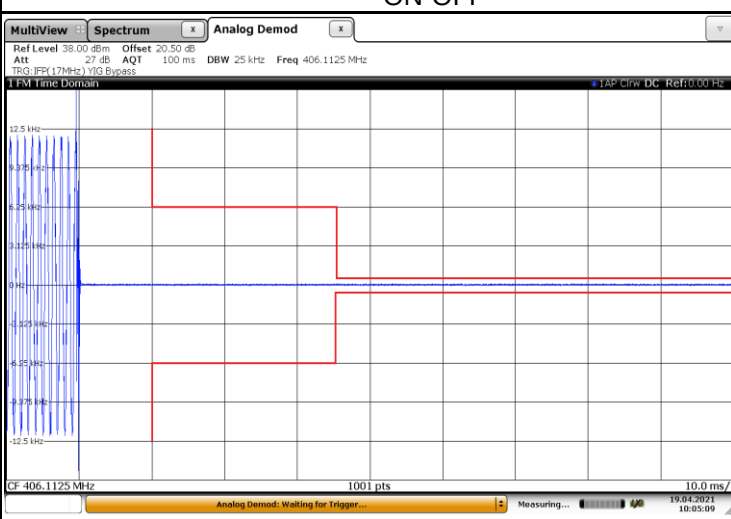
## Appendix F:Frequency Stability Test & Temperature

| 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         | 0.128                 | 0.079            | 0.089            | 0.118            | 0.011           | ±2.5        | PASS   |
| TX-DNH         | 4FSK            | V <sub>N</sub>  | -20         | 0.124                 | 0.081            | 0.088            | 0.125            | 0.012           | ±2.5        | PASS   |
| TX-DNH         | 4FSK            | V <sub>N</sub>  | -10         | 0.130                 | 0.080            | 0.093            | 0.120            | 0.012           | ±2.5        | PASS   |
| TX-DNH         | 4FSK            | V <sub>N</sub>  | 0           | 0.130                 | 0.080            | 0.087            | 0.116            | 0.011           | ±2.5        | PASS   |
| TX-DNH         | 4FSK            | V <sub>N</sub>  | 10          | 0.120                 | 0.078            | 0.093            | 0.121            | 0.012           | ±2.5        | PASS   |
| TX-DNH         | 4FSK            | V <sub>N</sub>  | 20          | 0.120                 | 0.074            | 0.085            | 0.116            | 0.011           | ±2.5        | PASS   |
| TX-DNH         | 4FSK            | V <sub>N</sub>  | 30          | 0.131                 | 0.081            | 0.093            | 0.117            | 0.011           | ±2.5        | PASS   |
| TX-DNH         | 4FSK            | V <sub>N</sub>  | 40          | 0.121                 | 0.076            | 0.087            | 0.117            | 0.012           | ±2.5        | PASS   |
| TX-DNH         | 4FSK            | V <sub>N</sub>  | 50          | 0.130                 | 0.079            | 0.086            | 0.121            | 0.011           | ±2.5        | PASS   |
| TX-DNL         | 4FSK            | V <sub>N</sub>  | -30         | 0.152                 | 0.079            | 0.095            | 0.123            | 0.143           | ±2.5        | PASS   |
| TX-DNL         | 4FSK            | V <sub>N</sub>  | -20         | 0.155                 | 0.075            | 0.092            | 0.125            | 0.136           | ±2.5        | PASS   |
| TX-DNL         | 4FSK            | V <sub>N</sub>  | -10         | 0.153                 | 0.079            | 0.089            | 0.123            | 0.143           | ±2.5        | PASS   |
| TX-DNL         | 4FSK            | V <sub>N</sub>  | 0           | 0.144                 | 0.075            | 0.097            | 0.122            | 0.138           | ±2.5        | PASS   |
| TX-DNL         | 4FSK            | V <sub>N</sub>  | 10          | 0.155                 | 0.077            | 0.090            | 0.122            | 0.140           | ±2.5        | PASS   |
| TX-DNL         | 4FSK            | V <sub>N</sub>  | 20          | 0.142                 | 0.074            | 0.089            | 0.120            | 0.136           | ±2.5        | PASS   |
| TX-DNL         | 4FSK            | V <sub>N</sub>  | 30          | 0.147                 | 0.077            | 0.095            | 0.131            | 0.146           | ±2.5        | PASS   |
| TX-DNL         | 4FSK            | V <sub>N</sub>  | 40          | 0.156                 | 0.080            | 0.094            | 0.132            | 0.147           | ±2.5        | PASS   |
| TX-DNL         | 4FSK            | V <sub>N</sub>  | 50          | 0.146                 | 0.074            | 0.096            | 0.121            | 0.139           | ±2.5        | PASS   |
| TX-ANH         | FM              | V <sub>N</sub>  | -30         | 0.461                 | 0.274            | 0.221            | 0.239            | 0.213           | ±2.5        | PASS   |
| TX-ANH         | FM              | V <sub>N</sub>  | -20         | 0.440                 | 0.270            | 0.225            | 0.230            | 0.213           | ±2.5        | PASS   |
| TX-ANH         | FM              | V <sub>N</sub>  | -10         | 0.432                 | 0.270            | 0.218            | 0.247            | 0.213           | ±2.5        | PASS   |
| TX-ANH         | FM              | V <sub>N</sub>  | 0           | 0.440                 | 0.273            | 0.228            | 0.248            | 0.203           | ±2.5        | PASS   |
| TX-ANH         | FM              | V <sub>N</sub>  | 10          | 0.453                 | 0.270            | 0.232            | 0.253            | 0.205           | ±2.5        | PASS   |
| TX-ANH         | FM              | V <sub>N</sub>  | 20          | 0.422                 | 0.255            | 0.218            | 0.230            | 0.202           | ±2.5        | PASS   |
| TX-ANH         | FM              | V <sub>N</sub>  | 30          | 0.442                 | 0.273            | 0.224            | 0.230            | 0.213           | ±2.5        | PASS   |
| TX-ANH         | FM              | V <sub>N</sub>  | 40          | 0.461                 | 0.273            | 0.219            | 0.248            | 0.204           | ±2.5        | PASS   |
| TX-ANH         | FM              | V <sub>N</sub>  | 50          | 0.438                 | 0.257            | 0.238            | 0.237            | 0.218           | ±2.5        | PASS   |
| TX-ANL         | FM              | V <sub>N</sub>  | -30         | 0.437                 | 0.279            | 0.121            | 0.127            | 0.215           | ±2.5        | PASS   |
| TX-ANL         | FM              | V <sub>N</sub>  | -20         | 0.429                 | 0.280            | 0.122            | 0.127            | 0.221           | ±2.5        | PASS   |
| TX-ANL         | FM              | V <sub>N</sub>  | -10         | 0.401                 | 0.278            | 0.126            | 0.127            | 0.220           | ±2.5        | PASS   |
| TX-ANL         | FM              | V <sub>N</sub>  | 0           | 0.424                 | 0.266            | 0.124            | 0.135            | 0.209           | ±2.5        | PASS   |
| TX-ANL         | FM              | V <sub>N</sub>  | 10          | 0.409                 | 0.281            | 0.126            | 0.133            | 0.202           | ±2.5        | PASS   |
| TX-ANL         | FM              | V <sub>N</sub>  | 20          | 0.397                 | 0.260            | 0.119            | 0.126            | 0.202           | ±2.5        | PASS   |
| TX-ANL         | FM              | V <sub>N</sub>  | 30          | 0.416                 | 0.260            | 0.127            | 0.129            | 0.210           | ±2.5        | PASS   |
| TX-ANL         | FM              | V <sub>N</sub>  | 40          | 0.400                 | 0.268            | 0.124            | 0.131            | 0.212           | ±2.5        | PASS   |
| TX-ANL         | FM              | V <sub>N</sub>  | 50          | 0.414                 | 0.284            | 0.126            | 0.136            | 0.211           | ±2.5        | 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> | 0.120                 | 0.074            | 0.085            | 0.116            | 0.011           | ±2.5        | PASS   |
| TX-DNH         | 4FSK            | V <sub>L</sub>  | T <sub>N</sub> | 0.120                 | 0.074            | 0.078            | 0.118            | 0.011           | ±2.5        | PASS   |
| TX-DNH         | 4FSK            | V <sub>H</sub>  | T <sub>N</sub> | 0.123                 | 0.074            | 0.084            | 0.114            | 0.012           | ±2.5        | PASS   |
| TX-DNL         | 4FSK            | V <sub>N</sub>  | T <sub>N</sub> | 0.142                 | 0.074            | 0.089            | 0.120            | 0.136           | ±2.5        | PASS   |
| TX-DNL         | 4FSK            | V <sub>L</sub>  | T <sub>N</sub> | 0.143                 | 0.074            | 0.087            | 0.122            | 0.137           | ±2.5        | PASS   |
| TX-DNL         | 4FSK            | V <sub>H</sub>  | T <sub>N</sub> | 0.150                 | 0.076            | 0.091            | 0.119            | 0.140           | ±2.5        | PASS   |
| TX-ANH         | FM              | V <sub>N</sub>  | T <sub>N</sub> | 0.422                 | 0.255            | 0.218            | 0.230            | 0.202           | ±2.5        | PASS   |
| TX-ANH         | FM              | V <sub>L</sub>  | T <sub>N</sub> | 0.428                 | 0.256            | 0.222            | 0.230            | 0.203           | ±2.5        | PASS   |
| TX-ANH         | FM              | V <sub>H</sub>  | T <sub>N</sub> | 0.442                 | 0.261            | 0.219            | 0.233            | 0.205           | ±2.5        | PASS   |
| TX-ANL         | FM              | V <sub>N</sub>  | T <sub>N</sub> | 0.397                 | 0.260            | 0.119            | 0.126            | 0.202           | ±2.5        | PASS   |
| TX-ANL         | FM              | V <sub>L</sub>  | T <sub>N</sub> | 0.399                 | 0.262            | 0.123            | 0.120            | 0.205           | ±2.5        | PASS   |
| TX-ANL         | FM              | V <sub>H</sub>  | T <sub>N</sub> | 0.415                 | 0.266            | 0.117            | 0.128            | 0.207           | ±2.5        | PASS   |

## Appendix H:Transmitter Frequency Behavior

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------|-----------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TX-DNH         | 4FSK            | CH <sub>M2</sub> |  <p>MultiView Spectrum Analog Demod</p> <p>Ref Level 38.00 dBm Offset 20.50 dB<br/>Att 27 dB AQT 100 ms DBW 25 kHz Freq 406.1125 MHz<br/>TRIG:PR(17MHz) YIG Bypass</p> <p>IFM Time Domain</p> <p>1AP clw DC Ref:0.00 Hz</p> <p>12.5 kHz<br/>9.375 kHz<br/>6.25 kHz<br/>3.125 kHz<br/>0 kHz<br/>-3.125 kHz<br/>-6.25 kHz<br/>-9.375 kHz<br/>-12.5 kHz</p> <p>CF 406.1125 MHz 1001 pts 10.0 ms</p> <p>Analog Demod: Waiting for Trigger... Measuring... 19.04.2021 10:02:43</p> <p>Date: 19 APR 2021 10:02:42</p> <p>OFF~ON</p>   |
| TX-DNH         | 4FSK            | CH <sub>M2</sub> |  <p>MultiView Spectrum Analog Demod</p> <p>Ref Level 38.00 dBm Offset 20.50 dB<br/>Att 27 dB AQT 100 ms DBW 25 kHz Freq 406.1125 MHz<br/>TRIG:PR(17MHz) YIG Bypass</p> <p>IFM Time Domain</p> <p>1AP clw DC Ref:0.00 Hz</p> <p>12.5 kHz<br/>9.375 kHz<br/>6.25 kHz<br/>3.125 kHz<br/>0 kHz<br/>-3.125 kHz<br/>-6.25 kHz<br/>-9.375 kHz<br/>-12.5 kHz</p> <p>CF 406.1125 MHz 1001 pts 10.0 ms</p> <p>Analog Demod: Waiting for Trigger... Measuring... 19.04.2021 10:03:53</p> <p>Date: 19 APR 2021 10:03:53</p> <p>ON-OFF</p>  |
| TX-ANH         | FM              | CH <sub>M2</sub> |  <p>MultiView Spectrum Analog Demod</p> <p>Ref Level 38.00 dBm Offset 20.50 dB<br/>Att 27 dB AQT 100 ms DBW 25 kHz Freq 406.1125 MHz<br/>TRIG:PR(17MHz) YIG Bypass</p> <p>IFM Time Domain</p> <p>1AP clw DC Ref:0.00 Hz</p> <p>12.5 kHz<br/>9.375 kHz<br/>6.25 kHz<br/>3.125 kHz<br/>0 kHz<br/>-3.125 kHz<br/>-6.25 kHz<br/>-9.375 kHz<br/>-12.5 kHz</p> <p>CF 406.1125 MHz 1001 pts 10.0 ms</p> <p>Analog Demod: Waiting for Trigger... Measuring... 19.04.2021 10:05:09</p> <p>Date: 19 APR 2021 10:05:09</p> <p>OFF~ON</p> |

# Appendix H:Transmitter Frequency Behavior

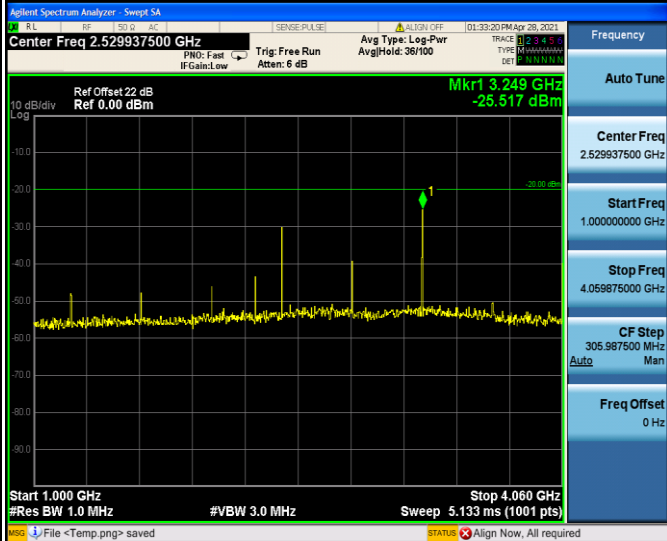
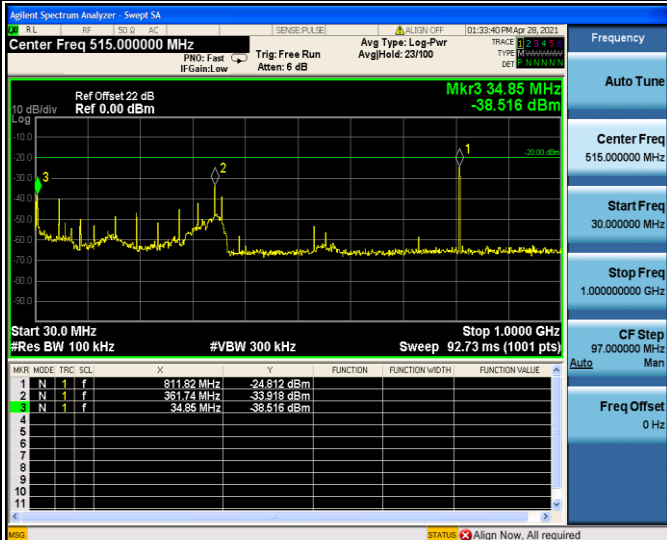
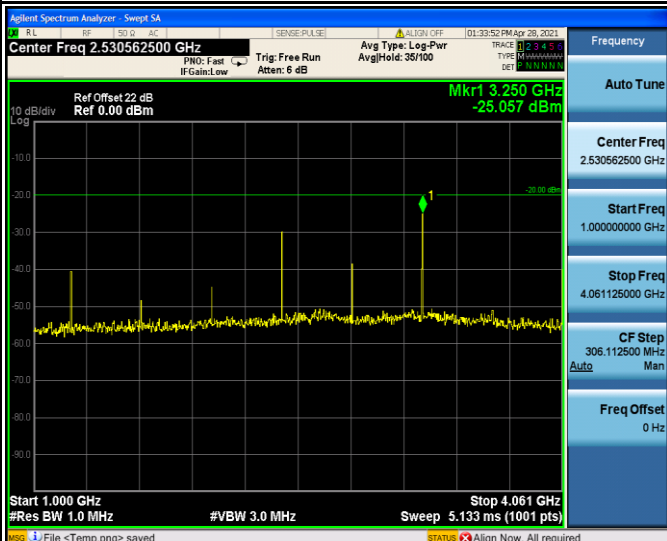
| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------|-----------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TX-ANH         | FM              | CH <sub>M2</sub> | <div> <div> <div>MultiView</div> <div>Spectrum</div> <div>Analog Demod</div> </div> <div> <div>Ref Level 38.00 dBm Offset 20.50 dB</div> <div>Att 27 dB AQT 100 ms DBW 25 kHz Freq 406.1125 MHz</div> <div>TRIG:PR (17MHz) YIG Bypass</div> </div> <div> <div>1 FM Time Domain</div> <div> </div> </div> <div> <div>CF 406.1125 MHz</div> <div>1001 pts</div> <div>10.0 ms</div> </div> <div> <div>Analog Demod: Waiting for Trigger...</div> <div>Measuring...</div> <div>19.04.2021 10:04:32</div> </div> <div> <div>Date: 19 APR 2021 10:04:32</div> </div> </div> |

ON-OFF

# Appendix I:Spurious Emission On Antenna Port

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |      |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------|-----------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------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| TX-DNH         | 4FSK            | CH <sub>L</sub>  | <div><div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div><div>Center Freq 515.000000 MHz</div><div>Ref Offset 1 dB<br/>Ref 0.00 dBm</div></div><div><div><div><div><div>1</div><div>800.18 MHz</div><div>-39.169 dBm</div></div><div><div>2</div><div>367.66 MHz</div><div>-56.977 dBm</div></div><div><div>3</div><div>379.20 MHz</div><div>-61.672 dBm</div></div></div><div><div>4</div><div>5</div><div>6</div><div>7</div><div>8</div><div>9</div><div>10</div><div>11</div></div></div><div><div>Start 30.0 MHz</div><div>#Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Stop 1.0000 GHz</div><div>Sweep 92.73 ms (1001 pts)</div></div><div><div>Mkr3 379.20 MHz</div><div>-61.672 dBm</div></div><div><div>Frequency</div><div>Auto Tune</div><div>Center Freq 515.000000 MHz</div><div>Start Freq 30.000000 MHz</div><div>Stop Freq 1.000000000 GHz</div><div>CF Step 97.000000 MHz</div><div>Freq Offset 0 Hz</div></div></div></div></div><tr><td>TX-DNH</td><td>4FSK</td><td>CH<sub>L</sub></td><td><div><div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div><div>Center Freq 2.500062500 GHz</div><div>Ref Offset 1 dB<br/>Ref 0.00 dBm</div></div><div><div><div><div>1</div><div>1.600 GHz</div><div>-51.483 dBm</div></div></div><div><div>4</div><div>5</div><div>6</div><div>7</div><div>8</div><div>9</div><div>10</div><div>11</div></div></div><div><div>Start 1.000 GHz</div><div>#Res BW 1.0 MHz</div><div>#VBW 3.0 MHz</div><div>Stop 4.000 GHz</div><div>Sweep 5.067 ms (1001 pts)</div></div><div><div>Mkr1 1.600 GHz</div><div>-51.483 dBm</div></div><div><div>Frequency</div><div>Auto Tune</div><div>Center Freq 2.500062500 GHz</div><div>Start Freq 1.000000000 GHz</div><div>Stop Freq 4.000125000 GHz</div><div>CF Step 300.012500 MHz</div><div>Freq Offset 0 Hz</div></div></div></div></div><tr><td>TX-DNH</td><td>4FSK</td><td>CH<sub>M1</sub></td><td><div><div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div><div>Center Freq 515.000000 MHz</div><div>Ref Offset 22 dB<br/>Ref 0.00 dBm</div></div><div><div><div><div><div>1</div><div>811.82 MHz</div><div>-24.775 dBm</div></div><div><div>2</div><div>360.77 MHz</div><div>-26.102 dBm</div></div><div><div>3</div><div>339.43 MHz</div><div>-36.606 dBm</div></div></div><div><div>4</div><div>5</div><div>6</div><div>7</div><div>8</div><div>9</div><div>10</div><div>11</div></div></div><div><div>Start 30.0 MHz</div><div>#Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Stop 1.0000 GHz</div><div>Sweep 92.73 ms (1001 pts)</div></div><div><div>Mkr3 339.43 MHz</div><div>-36.606 dBm</div></div><div><div>Frequency</div><div>Auto Tune</div><div>Center Freq 515.000000 MHz</div><div>Start Freq 30.000000 MHz</div><div>Stop Freq 1.000000000 GHz</div><div>CF Step 97.000000 MHz</div><div>Freq Offset 0 Hz</div></div></div></div></div></div></td></tr></td></tr></div> | TX-DNH | 4FSK | CH <sub>L</sub>  | <div><div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div><div>Center Freq 2.500062500 GHz</div><div>Ref Offset 1 dB<br/>Ref 0.00 dBm</div></div><div><div><div><div>1</div><div>1.600 GHz</div><div>-51.483 dBm</div></div></div><div><div>4</div><div>5</div><div>6</div><div>7</div><div>8</div><div>9</div><div>10</div><div>11</div></div></div><div><div>Start 1.000 GHz</div><div>#Res BW 1.0 MHz</div><div>#VBW 3.0 MHz</div><div>Stop 4.000 GHz</div><div>Sweep 5.067 ms (1001 pts)</div></div><div><div>Mkr1 1.600 GHz</div><div>-51.483 dBm</div></div><div><div>Frequency</div><div>Auto Tune</div><div>Center Freq 2.500062500 GHz</div><div>Start Freq 1.000000000 GHz</div><div>Stop Freq 4.000125000 GHz</div><div>CF Step 300.012500 MHz</div><div>Freq Offset 0 Hz</div></div></div></div></div> <tr><td>TX-DNH</td><td>4FSK</td><td>CH<sub>M1</sub></td><td><div><div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div><div>Center Freq 515.000000 MHz</div><div>Ref Offset 22 dB<br/>Ref 0.00 dBm</div></div><div><div><div><div><div>1</div><div>811.82 MHz</div><div>-24.775 dBm</div></div><div><div>2</div><div>360.77 MHz</div><div>-26.102 dBm</div></div><div><div>3</div><div>339.43 MHz</div><div>-36.606 dBm</div></div></div><div><div>4</div><div>5</div><div>6</div><div>7</div><div>8</div><div>9</div><div>10</div><div>11</div></div></div><div><div>Start 30.0 MHz</div><div>#Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Stop 1.0000 GHz</div><div>Sweep 92.73 ms (1001 pts)</div></div><div><div>Mkr3 339.43 MHz</div><div>-36.606 dBm</div></div><div><div>Frequency</div><div>Auto Tune</div><div>Center Freq 515.000000 MHz</div><div>Start Freq 30.000000 MHz</div><div>Stop Freq 1.000000000 GHz</div><div>CF Step 97.000000 MHz</div><div>Freq Offset 0 Hz</div></div></div></div></div></div></td></tr> | TX-DNH | 4FSK | CH <sub>M1</sub> | <div><div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div><div>Center Freq 515.000000 MHz</div><div>Ref Offset 22 dB<br/>Ref 0.00 dBm</div></div><div><div><div><div><div>1</div><div>811.82 MHz</div><div>-24.775 dBm</div></div><div><div>2</div><div>360.77 MHz</div><div>-26.102 dBm</div></div><div><div>3</div><div>339.43 MHz</div><div>-36.606 dBm</div></div></div><div><div>4</div><div>5</div><div>6</div><div>7</div><div>8</div><div>9</div><div>10</div><div>11</div></div></div><div><div>Start 30.0 MHz</div><div>#Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Stop 1.0000 GHz</div><div>Sweep 92.73 ms (1001 pts)</div></div><div><div>Mkr3 339.43 MHz</div><div>-36.606 dBm</div></div><div><div>Frequency</div><div>Auto Tune</div><div>Center Freq 515.000000 MHz</div><div>Start Freq 30.000000 MHz</div><div>Stop Freq 1.000000000 GHz</div><div>CF Step 97.000000 MHz</div><div>Freq Offset 0 Hz</div></div></div></div></div></div> |
| TX-DNH         | 4FSK            | CH <sub>L</sub>  | <div><div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div><div>Center Freq 2.500062500 GHz</div><div>Ref Offset 1 dB<br/>Ref 0.00 dBm</div></div><div><div><div><div>1</div><div>1.600 GHz</div><div>-51.483 dBm</div></div></div><div><div>4</div><div>5</div><div>6</div><div>7</div><div>8</div><div>9</div><div>10</div><div>11</div></div></div><div><div>Start 1.000 GHz</div><div>#Res BW 1.0 MHz</div><div>#VBW 3.0 MHz</div><div>Stop 4.000 GHz</div><div>Sweep 5.067 ms (1001 pts)</div></div><div><div>Mkr1 1.600 GHz</div><div>-51.483 dBm</div></div><div><div>Frequency</div><div>Auto Tune</div><div>Center Freq 2.500062500 GHz</div><div>Start Freq 1.000000000 GHz</div><div>Stop Freq 4.000125000 GHz</div><div>CF Step 300.012500 MHz</div><div>Freq Offset 0 Hz</div></div></div></div></div> <tr><td>TX-DNH</td><td>4FSK</td><td>CH<sub>M1</sub></td><td><div><div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div><div>Center Freq 515.000000 MHz</div><div>Ref Offset 22 dB<br/>Ref 0.00 dBm</div></div><div><div><div><div><div>1</div><div>811.82 MHz</div><div>-24.775 dBm</div></div><div><div>2</div><div>360.77 MHz</div><div>-26.102 dBm</div></div><div><div>3</div><div>339.43 MHz</div><div>-36.606 dBm</div></div></div><div><div>4</div><div>5</div><div>6</div><div>7</div><div>8</div><div>9</div><div>10</div><div>11</div></div></div><div><div>Start 30.0 MHz</div><div>#Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Stop 1.0000 GHz</div><div>Sweep 92.73 ms (1001 pts)</div></div><div><div>Mkr3 339.43 MHz</div><div>-36.606 dBm</div></div><div><div>Frequency</div><div>Auto Tune</div><div>Center Freq 515.000000 MHz</div><div>Start Freq 30.000000 MHz</div><div>Stop Freq 1.000000000 GHz</div><div>CF Step 97.000000 MHz</div><div>Freq Offset 0 Hz</div></div></div></div></div></div></td></tr>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | TX-DNH | 4FSK | CH <sub>M1</sub> | <div><div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div><div>Center Freq 515.000000 MHz</div><div>Ref Offset 22 dB<br/>Ref 0.00 dBm</div></div><div><div><div><div><div>1</div><div>811.82 MHz</div><div>-24.775 dBm</div></div><div><div>2</div><div>360.77 MHz</div><div>-26.102 dBm</div></div><div><div>3</div><div>339.43 MHz</div><div>-36.606 dBm</div></div></div><div><div>4</div><div>5</div><div>6</div><div>7</div><div>8</div><div>9</div><div>10</div><div>11</div></div></div><div><div>Start 30.0 MHz</div><div>#Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Stop 1.0000 GHz</div><div>Sweep 92.73 ms (1001 pts)</div></div><div><div>Mkr3 339.43 MHz</div><div>-36.606 dBm</div></div><div><div>Frequency</div><div>Auto Tune</div><div>Center Freq 515.000000 MHz</div><div>Start Freq 30.000000 MHz</div><div>Stop Freq 1.000000000 GHz</div><div>CF Step 97.000000 MHz</div><div>Freq Offset 0 Hz</div></div></div></div></div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |      |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| TX-DNH         | 4FSK            | CH <sub>M1</sub> | <div><div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div><div>Center Freq 515.000000 MHz</div><div>Ref Offset 22 dB<br/>Ref 0.00 dBm</div></div><div><div><div><div><div>1</div><div>811.82 MHz</div><div>-24.775 dBm</div></div><div><div>2</div><div>360.77 MHz</div><div>-26.102 dBm</div></div><div><div>3</div><div>339.43 MHz</div><div>-36.606 dBm</div></div></div><div><div>4</div><div>5</div><div>6</div><div>7</div><div>8</div><div>9</div><div>10</div><div>11</div></div></div><div><div>Start 30.0 MHz</div><div>#Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Stop 1.0000 GHz</div><div>Sweep 92.73 ms (1001 pts)</div></div><div><div>Mkr3 339.43 MHz</div><div>-36.606 dBm</div></div><div><div>Frequency</div><div>Auto Tune</div><div>Center Freq 515.000000 MHz</div><div>Start Freq 30.000000 MHz</div><div>Stop Freq 1.000000000 GHz</div><div>CF Step 97.000000 MHz</div><div>Freq Offset 0 Hz</div></div></div></div></div></div>         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# Appendix I:Spurious Emission On Antenna Port

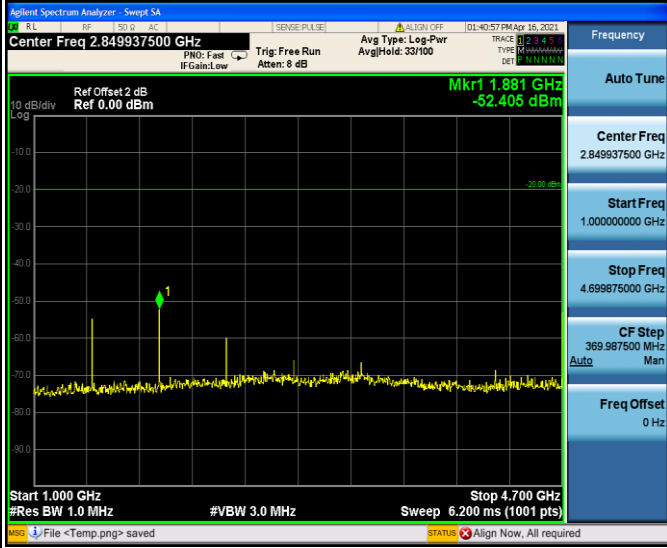
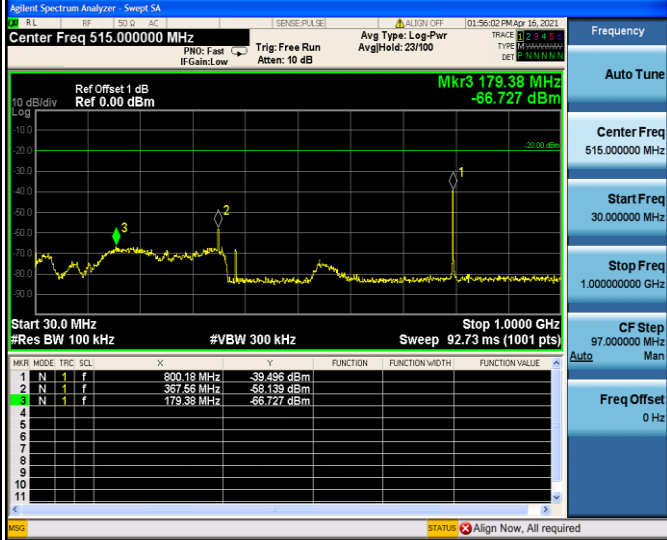
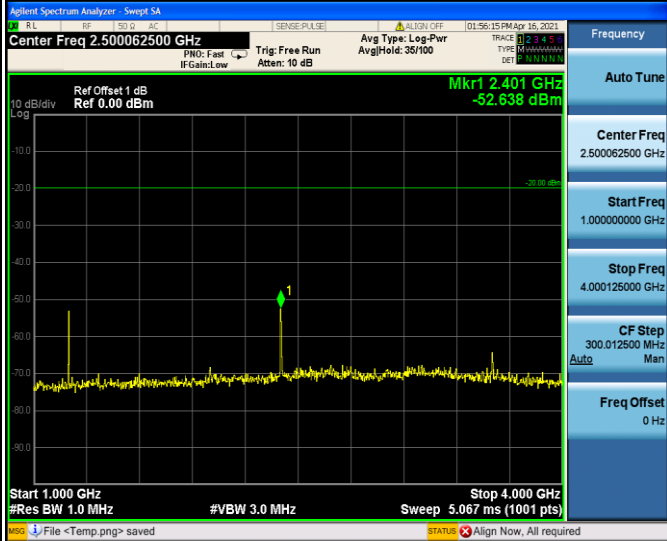
| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------|-----------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TX-DNH         | 4FSK            | CH <sub>M1</sub> |  <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.529937500 GHz</p> <p>Ref Offset 22 dB<br/>Ref 0.00 dBm</p> <p>Mkr1 3.249 GHz<br/>-25.517 dBm</p> <p>Start 1.000 GHz<br/>#Res BW 1.0 MHz</p> <p>Stop 4.060 GHz<br/>#VBW 3.0 MHz<br/>Sweep 5.133 ms (1001 pts)</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.529937500 GHz</p> <p>Start Freq 1.000000000 GHz</p> <p>Stop Freq 4.059875000 GHz</p> <p>CF Step 305.987500 MHz<br/>Auto Man</p> <p>Freq Offset 0 Hz</p>   |
| TX-DNH         | 4FSK            | CH <sub>M2</sub> |  <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 515.000000 MHz</p> <p>Ref Offset 22 dB<br/>Ref 0.00 dBm</p> <p>Mkr3 34.85 MHz<br/>-38.516 dBm</p> <p>Start 30.0 MHz<br/>#Res BW 100 kHz</p> <p>Stop 1.000 GHz<br/>#VBW 300 kHz<br/>Sweep 92.73 ms (1001 pts)</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 515.000000 MHz</p> <p>Start Freq 30.0000000 MHz</p> <p>Stop Freq 1.000000000 GHz</p> <p>CF Step 97.000000 MHz<br/>Auto Man</p> <p>Freq Offset 0 Hz</p>       |
| TX-DNH         | 4FSK            | CH <sub>M2</sub> |  <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.530562500 GHz</p> <p>Ref Offset 22 dB<br/>Ref 0.00 dBm</p> <p>Mkr1 3.250 GHz<br/>-25.057 dBm</p> <p>Start 1.000 GHz<br/>#Res BW 1.0 MHz</p> <p>Stop 4.061 GHz<br/>#VBW 3.0 MHz<br/>Sweep 5.133 ms (1001 pts)</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.530562500 GHz</p> <p>Start Freq 1.000000000 GHz</p> <p>Stop Freq 4.061125000 GHz</p> <p>CF Step 306.112500 MHz<br/>Auto Man</p> <p>Freq Offset 0 Hz</p> |

# 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><div>Agilent Spectrum Analyzer - Swept SA</div><div><div>Center Freq 515.000000 MHz</div><div>Ref Offset 22 dB</div><div>Ref 0.00 dBm</div><div>10 dB/div</div><div>Log</div><div>Start 30.0 MHz</div><div>#Res BW 100 kHz</div><div>Stop 1.0000 GHz</div><div>#VBW 300 kHz</div><div>Sweep 92.73 ms (1001 pts)</div><div>Mkr3 361.74 MHz</div><div>-43.696 dBm</div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div><div>6</div><div>7</div><div>8</div><div>9</div><div>10</div><div>11</div><div>MSO</div><div>STATUS  Align Now, All required</div></div><div><div>Frequency</div><div>Auto Tune</div><div>Center Freq 515.000000 MHz</div><div>Start Freq 30.000000 MHz</div><div>Stop Freq 1.000000000 GHz</div><div>CF Step 97.000000 MHz</div><div>Auto</div><div>Freq Offset 0 Hz</div></div></div></div></div>                                           |
| TX-DNH         | 4FSK            | CH <sub>M3</sub> | <div><div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div><div>Center Freq 2.690062500 GHz</div><div>Ref Offset 22 dB</div><div>Ref 0.00 dBm</div><div>10 dB/div</div><div>Log</div><div>Start 1.000 GHz</div><div>#Res BW 1.0 MHz</div><div>Stop 4.380 GHz</div><div>#VBW 3.0 MHz</div><div>Sweep 5.667 ms (1001 pts)</div><div>Mkr1 1.314 GHz</div><div>-32.512 dBm</div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div><div>6</div><div>7</div><div>8</div><div>9</div><div>10</div><div>11</div><div>MSO</div><div>File &lt;Temp.png&gt; saved</div><div>STATUS  Align Now, All required</div></div><div><div>Frequency</div><div>Auto Tune</div><div>Center Freq 2.690062500 GHz</div><div>Start Freq 1.000000000 GHz</div><div>Stop Freq 4.380125000 GHz</div><div>CF Step 338.012500 MHz</div><div>Auto</div><div>Freq Offset 0 Hz</div></div></div></div></div> |
| TX-DNH         | 4FSK            | CH <sub>H</sub>  | <div><div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div><div>Center Freq 515.000000 MHz</div><div>Ref Offset 2 dB</div><div>Ref 0.00 dBm</div><div>10 dB/div</div><div>Log</div><div>Start 30.0 MHz</div><div>#Res BW 100 kHz</div><div>Stop 1.0000 GHz</div><div>#VBW 300 kHz</div><div>Sweep 92.73 ms (1001 pts)</div><div>Mkr3 374.35 MHz</div><div>-71.681 dBm</div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div><div>6</div><div>7</div><div>8</div><div>9</div><div>10</div><div>11</div><div>MSO</div><div>STATUS  Align Now, All required</div></div><div><div>Frequency</div><div>Auto Tune</div><div>Center Freq 515.000000 MHz</div><div>Start Freq 30.000000 MHz</div><div>Stop Freq 1.000000000 GHz</div><div>CF Step 97.000000 MHz</div><div>Auto</div><div>Freq Offset 0 Hz</div></div></div></div></div>                                            |



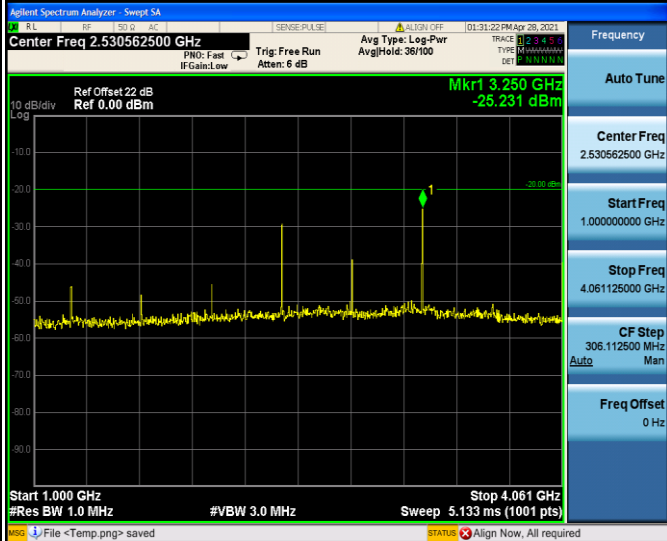
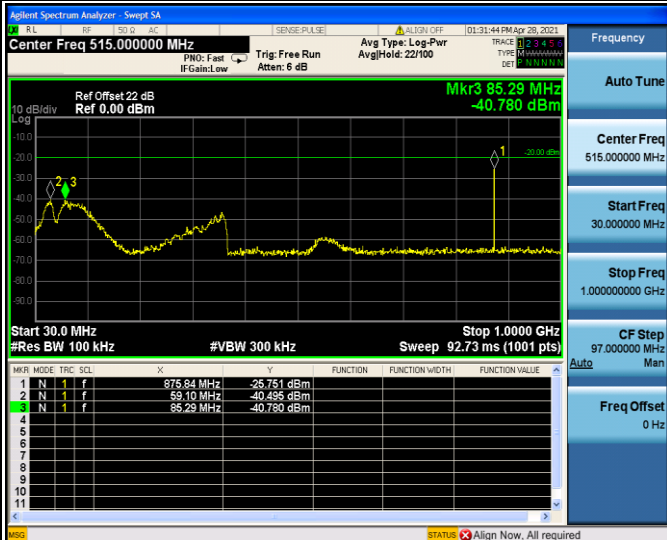
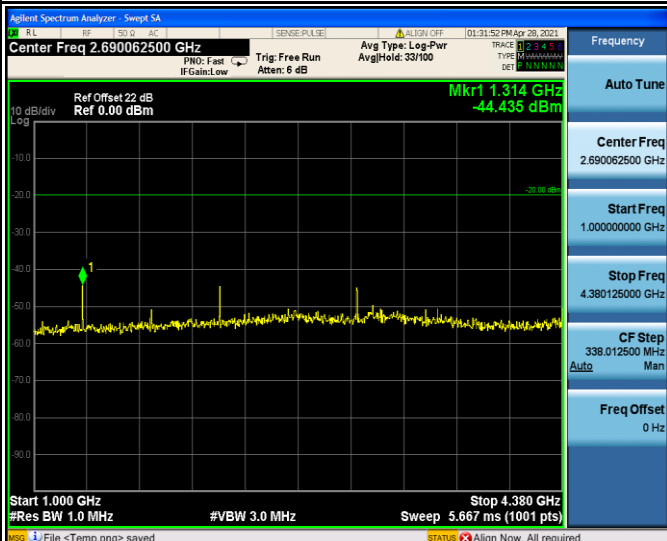
# Appendix I:Spurious Emission On Antenna Port

| Operation Mode | Modulation Type | Test Channel    | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------|-----------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TX-DNH         | 4FSK            | CH <sub>H</sub> |  <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.849937500 GHz</p> <p>Ref Offset 2 dB<br/>Ref 0.00 dBm</p> <p>Mkr1 1.881 GHz<br/>-52.405 dBm</p> <p>Start 1.000 GHz<br/>#Res BW 1.0 MHz</p> <p>Stop 4.700 GHz<br/>#VBW 3.0 MHz</p> <p>Sweep 6.200 ms (1001 pts)</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.849937500 GHz</p> <p>Start Freq 1.000000000 GHz</p> <p>Stop Freq 4.699875000 GHz</p> <p>CF Step 369.987500 MHz<br/>Auto Man</p> <p>Freq Offset 0 Hz</p>   |
| TX-ANH         | FM              | CH <sub>L</sub> |  <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 515.000000 MHz</p> <p>Ref Offset 1 dB<br/>Ref 0.00 dBm</p> <p>Mkr3 179.38 MHz<br/>-66.727 dBm</p> <p>Start 30.0 MHz<br/>#Res BW 100 kHz</p> <p>Stop 1.000 GHz<br/>#VBW 300 kHz</p> <p>Sweep 92.73 ms (1001 pts)</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 515.000000 MHz</p> <p>Start Freq 30.000000 MHz</p> <p>Stop Freq 1.000000000 GHz</p> <p>CF Step 97.000000 MHz<br/>Auto Man</p> <p>Freq Offset 0 Hz</p>       |
| TX-ANH         | FM              | CH <sub>L</sub> |  <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.500062500 GHz</p> <p>Ref Offset 1 dB<br/>Ref 0.00 dBm</p> <p>Mkr1 2.401 GHz<br/>-52.638 dBm</p> <p>Start 1.000 GHz<br/>#Res BW 1.0 MHz</p> <p>Stop 4.000 GHz<br/>#VBW 3.0 MHz</p> <p>Sweep 5.067 ms (1001 pts)</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.500062500 GHz</p> <p>Start Freq 1.000000000 GHz</p> <p>Stop Freq 4.000125000 GHz</p> <p>CF Step 300.012500 MHz<br/>Auto Man</p> <p>Freq Offset 0 Hz</p> |

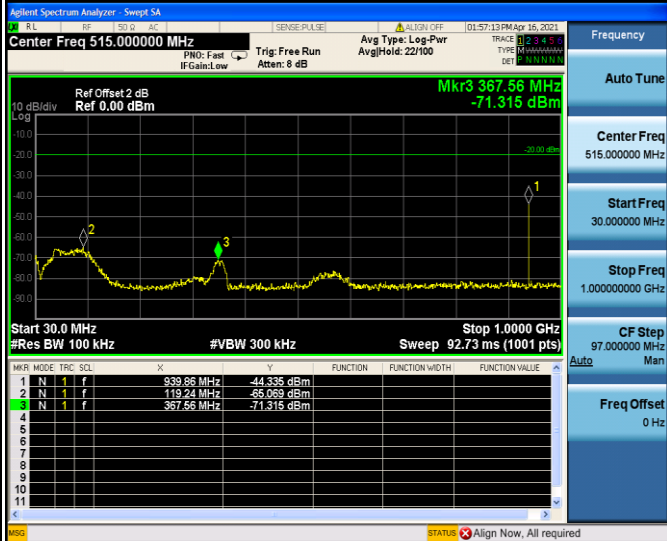
# Appendix I:Spurious Emission On Antenna Port

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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| TX-ANH         | FM              | CH <sub>M1</sub> | <div><div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div><div>RL</div><div>RF</div><div>ISO</div><div>Q</div><div>AC</div></div><div><div>SENSE</div><div>PLASE</div></div><div><div>ALIGN</div><div>OFF</div></div><div><div>01:30:32 PM</div><div>Apr 28, 2021</div></div></div><div><div>Center Freq 515.000000 MHz</div><div><div>PRF: Fast</div><div>IF Gain: Low</div></div><div><div>Trig: Free Run</div><div>Atten: 6 dB</div></div><div><div>Avg Type: Log-Pwr</div><div>Avg/Hold: 22/100</div></div><div><div>TRACE 1 3 4 5 6</div><div>TYPE: FEMANALYSIS</div><div>DET: MINIMUM</div></div></div><div><div>Ref Offset 22 dB</div><div>Ref 0.00 dBm</div></div><div><div>Mkr3 31.94 MHz</div><div>-41.027 dBm</div></div><div><div>10 dB/div</div><div>Log</div></div><div><div>Start 30.0 MHz</div><div>#Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Stop 1.0000 GHz</div><div>Sweep 92.73 ms (1001 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | X              | Y    | FUNCTION | FUNCTION WIDTH | FUNCTION VALUE | 1 | N        | 1              | f              | 311.82 MHz | -24.736 dBm |   |   |            | 2           | N | 1 | f | 374.36 MHz | -39.030 dBm |   |   |            | 3           | N | 1 | f | 31.94 MHz | -41.027 dBm |   |   |           | 4           |  |  |  |   |  |  |  |  | 5 |  |  |  |   |  |  |  |  | 6 |  |  |  |   |  |  |  |  | 7 |  |  |  |   |  |  |  |  | 8 |  |  |  |   |  |  |  |  | 9 |  |  |  |   |  |  |  |  | 10 |  |  |  |    |  |  |  |  | 11 |  |  |  |    |  |  |  |  | TX-ANH | FM | CH <sub>M1</sub> | <div><div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div><div>RL</div><div>RF</div><div>ISO</div><div>Q</div><div>AC</div></div><div><div>SENSE</div><div>PLASE</div></div><div><div>ALIGN</div><div>OFF</div></div><div><div>01:30:44 PM</div><div>Apr 28, 2021</div></div></div><div><div>Center Freq 2.529937500 GHz</div><div><div>PRF: Fast</div><div>IF Gain: Low</div></div><div><div>Trig: Free Run</div><div>Atten: 6 dB</div></div><div><div>Avg Type: Log-Pwr</div><div>Avg/Hold: 36/100</div></div><div><div>TRACE 1 3 4 5 6</div><div>TYPE: FEMANALYSIS</div><div>DET: MINIMUM</div></div></div><div><div>Ref Offset 22 dB</div><div>Ref 0.00 dBm</div></div><div><div>Mkr1 3.249 GHz</div><div>-25.726 dBm</div></div><div><div>10 dB/div</div><div>Log</div></div><div><div>Start 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| TX-ANH         | FM              | CH <sub>M1</sub> | <div><div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div><div>RL</div><div>RF</div><div>ISO</div><div>Q</div><div>AC</div></div><div><div>SENSE</div><div>PLASE</div></div><div><div>ALIGN</div><div>OFF</div></div><div><div>01:30:44 PM</div><div>Apr 28, 2021</div></div></div><div><div>Center Freq 2.529937500 GHz</div><div><div>PRF: Fast</div><div>IF Gain: Low</div></div><div><div>Trig: Free Run</div><div>Atten: 6 dB</div></div><div><div>Avg Type: Log-Pwr</div><div>Avg/Hold: 36/100</div></div><div><div>TRACE 1 3 4 5 6</div><div>TYPE: FEMANALYSIS</div><div>DET: MINIMUM</div></div></div><div><div>Ref Offset 22 dB</div><div>Ref 0.00 dBm</div></div><div><div>Mkr1 3.249 GHz</div><div>-25.726 dBm</div></div><div><div>10 dB/div</div><div>Log</div></div><div><div>Start 1.000 GHz</div><div>#Res BW 1.0 MHz</div><div>#VBW 3.0 MHz</div><div>Stop 4.060 GHz</div><div>Sweep 5.133 ms (1001 pts)</div></div><div><div>File &lt;Temp.png&gt; saved</div><div>STATUS</div><div>Align Now, All required</div></div></div><div><div>Frequency</div><div>Auto Tune</div><div>Center Freq 2.529937500 GHz</div><div>Start Freq 1.000000000 GHz</div><div>Stop Freq 4.059875000 GHz</div><div>CF Step 305.987500 MHz</div><div>Auto Man</div><div>Freq Offset 0 Hz</div></div></div> <tr><td>TX-ANH</td><td>FM</td><td>CH<sub>M2</sub></td><td><div><div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div><div>RL</div><div>RF</div><div>ISO</div><div>Q</div><div>AC</div></div><div><div>SENSE</div><div>PLASE</div></div><div><div>ALIGN</div><div>OFF</div></div><div><div>01:31:12 PM</div><div>Apr 28, 2021</div></div></div><div><div>Center Freq 515.000000 MHz</div><div><div>PRF: Fast</div><div>IF Gain: Low</div></div><div><div>Trig: Free Run</div><div>Atten: 6 dB</div></div><div><div>Avg Type: Log-Pwr</div><div>Avg/Hold: 23/100</div></div><div><div>TRACE 1 3 4 5 6</div><div>TYPE: FEMANALYSIS</div><div>DET: MINIMUM</div></div></div><div><div>Ref Offset 22 dB</div><div>Ref 0.00 dBm</div></div><div><div>Mkr3 31.94 MHz</div><div>-41.249 dBm</div></div><div><div>10 dB/div</div><div>Log</div></div><div><div>Start 30.0 MHz</div><div>#Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Stop 1.0000 GHz</div><div>Sweep 92.73 ms (1001 pts)</div></div><div><table><tr><th>MKR</th><th>MODE</th><th>TRG</th><th>SCL</th><th>X</th><th>Y</th><th>FUNCTION</th><th>FUNCTION WIDTH</th><th>FUNCTION VALUE</th></tr><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>311.82 MHz</td><td>-24.748 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>374.36 MHz</td><td>-39.182 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>31.94 MHz</td><td>-41.249 dBm</td><td></td><td></td><td></td></tr><tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>9</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>10</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>11</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table></div><div><div>STATUS</div><div>Align Now, All required</div></div></div><div><div>Frequency</div><div>Auto Tune</div><div>Center Freq 515.000000 MHz</div><div>Start Freq 30.000000 MHz</div><div>Stop Freq 1.000000000 GHz</div><div>CF Step 97.000000 MHz</div><div>Auto Man</div><div>Freq Offset 0 Hz</div></div></div></td></tr>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | TX-ANH     | FM          | CH <sub>M2</sub> | <div><div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div><div>RL</div><div>RF</div><div>ISO</div><div>Q</div><div>AC</div></div><div><div>SENSE</div><div>PLASE</div></div><div><div>ALIGN</div><div>OFF</div></div><div><div>01:31:12 PM</div><div>Apr 28, 2021</div></div></div><div><div>Center Freq 515.000000 MHz</div><div><div>PRF: Fast</div><div>IF Gain: Low</div></div><div><div>Trig: Free Run</div><div>Atten: 6 dB</div></div><div><div>Avg Type: Log-Pwr</div><div>Avg/Hold: 23/100</div></div><div><div>TRACE 1 3 4 5 6</div><div>TYPE: FEMANALYSIS</div><div>DET: MINIMUM</div></div></div><div><div>Ref Offset 22 dB</div><div>Ref 0.00 dBm</div></div><div><div>Mkr3 31.94 MHz</div><div>-41.249 dBm</div></div><div><div>10 dB/div</div><div>Log</div></div><div><div>Start 30.0 MHz</div><div>#Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Stop 1.0000 GHz</div><div>Sweep 92.73 ms (1001 pts)</div></div><div><table><tr><th>MKR</th><th>MODE</th><th>TRG</th><th>SCL</th><th>X</th><th>Y</th><th>FUNCTION</th><th>FUNCTION WIDTH</th><th>FUNCTION VALUE</th></tr><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>311.82 MHz</td><td>-24.748 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>374.36 MHz</td><td>-39.182 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Tune</div><div>Center Freq 515.000000 MHz</div><div>Start Freq 30.000000 MHz</div><div>Stop Freq 1.000000000 GHz</div><div>CF Step 97.000000 MHz</div><div>Auto Man</div><div>Freq Offset 0 Hz</div></div></div> | MKR            | MODE | TRG      | SCL            | X              | Y | FUNCTION | FUNCTION WIDTH | FUNCTION VALUE | 1          | N           | 1 | f | 311.82 MHz | -24.748 dBm |   |   |   | 2          | N           | 1 | f | 374.36 MHz | -39.182 dBm |   |   |   | 3         | N           | 1 | f | 31.94 MHz | -41.249 dBm |  |  |  | 4 |  |  |  |  |   |  |  |  | 5 |  |  |  |  |   |  |  |  | 6 |  |  |  |  |   |  |  |  | 7 |  |  |  |  |   |  |  |  | 8 |  |  |  |  |   |  |  |  | 9 |  |  |  |  |    |  |  |  | 10 |  |  |  |  |    |  |  |  | 11 |  |  |  |  |        |    |                  |                                                                                                                                                                                                        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| TX-ANH         | FM              | CH <sub>M2</sub> | <div><div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div><div>RL</div><div>RF</div><div>ISO</div><div>Q</div><div>AC</div></div><div><div>SENSE</div><div>PLASE</div></div><div><div>ALIGN</div><div>OFF</div></div><div><div>01:31:12 PM</div><div>Apr 28, 2021</div></div></div><div><div>Center Freq 515.000000 MHz</div><div><div>PRF: Fast</div><div>IF Gain: Low</div></div><div><div>Trig: Free Run</div><div>Atten: 6 dB</div></div><div><div>Avg Type: Log-Pwr</div><div>Avg/Hold: 23/100</div></div><div><div>TRACE 1 3 4 5 6</div><div>TYPE: FEMANALYSIS</div><div>DET: MINIMUM</div></div></div><div><div>Ref Offset 22 dB</div><div>Ref 0.00 dBm</div></div><div><div>Mkr3 31.94 MHz</div><div>-41.249 dBm</div></div><div><div>10 dB/div</div><div>Log</div></div><div><div>Start 30.0 MHz</div><div>#Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Stop 1.0000 GHz</div><div>Sweep 92.73 ms (1001 pts)</div></div><div><table><tr><th>MKR</th><th>MODE</th><th>TRG</th><th>SCL</th><th>X</th><th>Y</th><th>FUNCTION</th><th>FUNCTION WIDTH</th><th>FUNCTION VALUE</th></tr><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>311.82 MHz</td><td>-24.748 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>374.36 MHz</td><td>-39.182 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>31.94 MHz</td><td>-41.249 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GHz</div><div>CF Step 97.000000 MHz</div><div>Auto Man</div><div>Freq Offset 0 Hz</div></div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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# Appendix I:Spurious Emission On Antenna Port

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------|-----------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TX-ANH         | FM              | CH <sub>M2</sub> |  <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.530562500 GHz</p> <p>Ref Offset 22 dB<br/>Ref 0.00 dBm</p> <p>Mkr1 3.250 GHz<br/>-25.231 dBm</p> <p>Start 1.000 GHz<br/>#Res BW 1.0 MHz</p> <p>#VBW 3.0 MHz</p> <p>Stop 4.061 GHz<br/>Sweep 5.133 ms (1001 pts)</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.530562500 GHz</p> <p>Start Freq 1.000000000 GHz</p> <p>Stop Freq 4.061125000 GHz</p> <p>CF Step 306.112500 MHz<br/>Auto Man</p> <p>Freq Offset 0 Hz</p>   |
| TX-ANH         | FM              | CH <sub>M3</sub> |  <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 515.000000 MHz</p> <p>Ref Offset 22 dB<br/>Ref 0.00 dBm</p> <p>Mkr3 85.29 MHz<br/>-40.780 dBm</p> <p>Start 30.0 MHz<br/>#Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Stop 1.000 GHz<br/>Sweep 92.73 ms (1001 pts)</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 515.000000 MHz</p> <p>Start Freq 30.0000000 MHz</p> <p>Stop Freq 1.000000000 GHz</p> <p>CF Step 97.000000 MHz<br/>Auto Man</p> <p>Freq Offset 0 Hz</p>       |
| TX-ANH         | FM              | CH <sub>M3</sub> |  <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.690062500 GHz</p> <p>Ref Offset 22 dB<br/>Ref 0.00 dBm</p> <p>Mkr1 1.314 GHz<br/>-44.435 dBm</p> <p>Start 1.000 GHz<br/>#Res BW 1.0 MHz</p> <p>#VBW 3.0 MHz</p> <p>Stop 4.380 GHz<br/>Sweep 5.667 ms (1001 pts)</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.690062500 GHz</p> <p>Start Freq 1.000000000 GHz</p> <p>Stop Freq 4.380125000 GHz</p> <p>CF Step 338.012500 MHz<br/>Auto Man</p> <p>Freq Offset 0 Hz</p> |

# Appendix I:Spurious Emission On Antenna Port

| Operation Mode | Modulation Type | Test Channel    | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------|-----------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TX-ANH         | FM              | CH <sub>H</sub> |  <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 515.000000 MHz</p> <p>Ref Offset 2 dB<br/>Ref 0.00 dBm</p> <p>Mkr3 367.56 MHz<br/>-71.315 dBm</p> <p>Start 30.0 MHz<br/>#Res BW 100 kHz<br/>#VBW 300 kHz<br/>Sweep 92.73 ms (1001 pts)</p> <p>Stop 1.0000 GHz</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 515.000000 MHz</p> <p>Start Freq 30.000000 MHz</p> <p>Stop Freq 1.000000000 GHz</p> <p>CF Step 97.000000 MHz</p> <p>Man</p> <p>Freq Offset 0 Hz</p>      |
| TX-ANH         | FM              | CH <sub>H</sub> |  <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.849937500 GHz</p> <p>Ref Offset 2 dB<br/>Ref 0.00 dBm</p> <p>Mkr1 1.881 GHz<br/>-52.828 dBm</p> <p>Start 1.000 GHz<br/>#Res BW 1.0 MHz<br/>#VBW 3.0 MHz<br/>Sweep 6.200 ms (1001 pts)</p> <p>Stop 4.700 GHz</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.849937500 GHz</p> <p>Start Freq 1.000000000 GHz</p> <p>Stop Freq 4.699875000 GHz</p> <p>CF Step 369.987500 MHz</p> <p>Man</p> <p>Freq Offset 0 Hz</p> |

----End of Report----