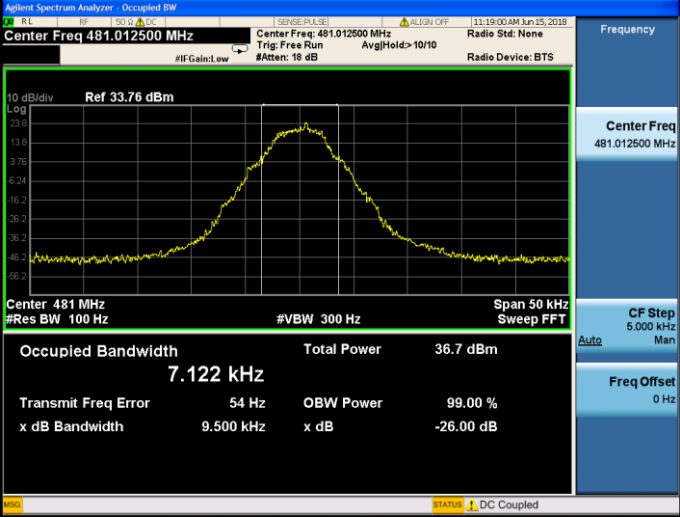
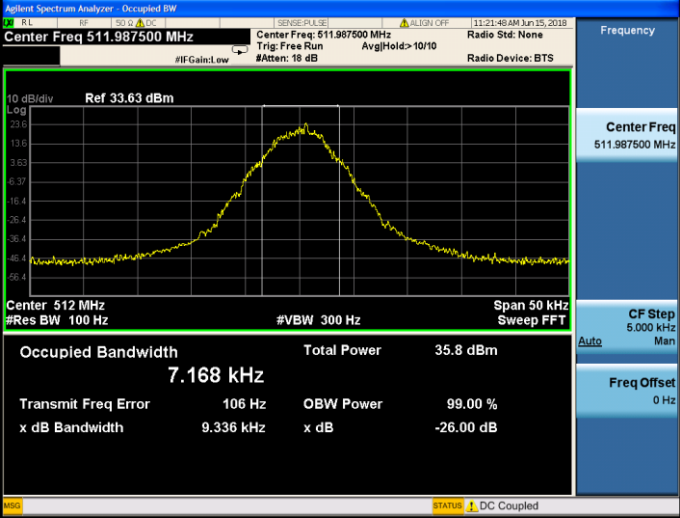
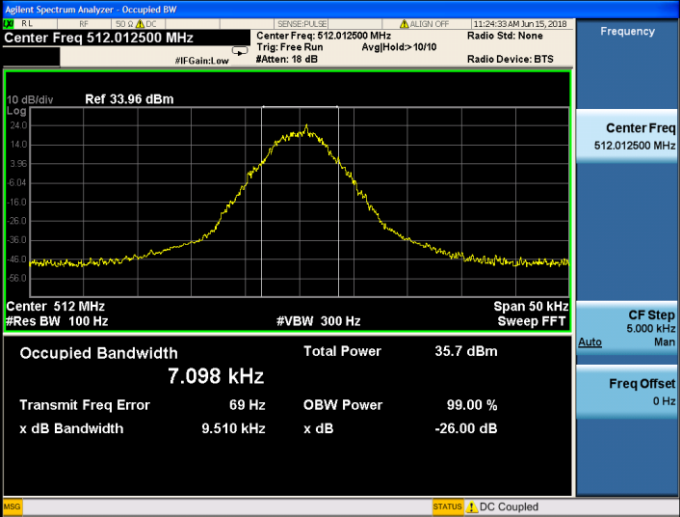


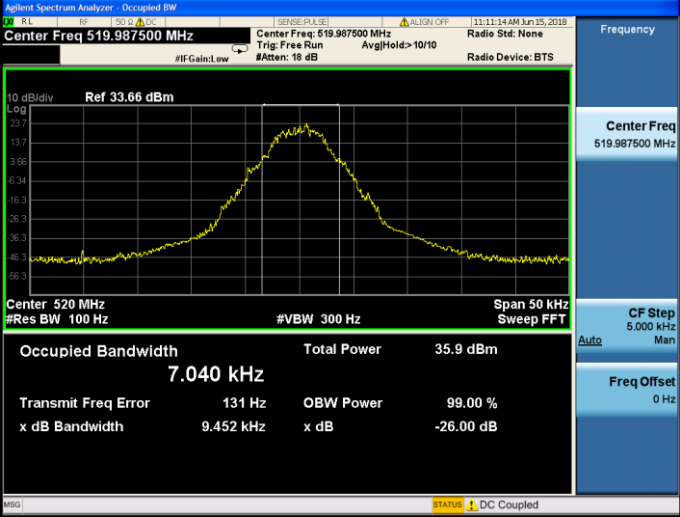
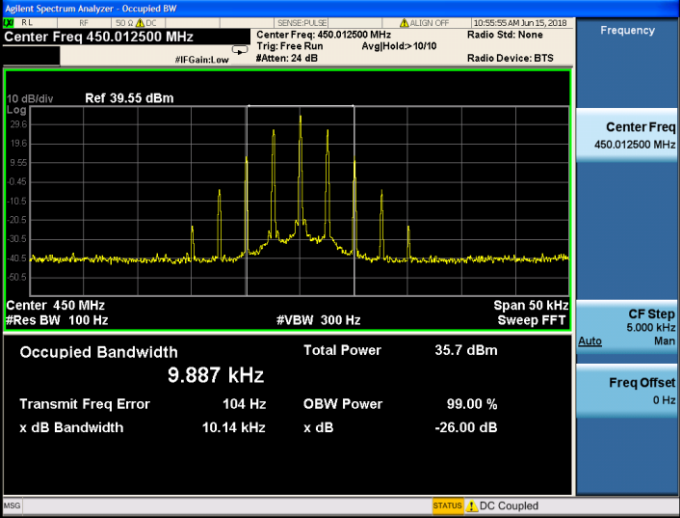
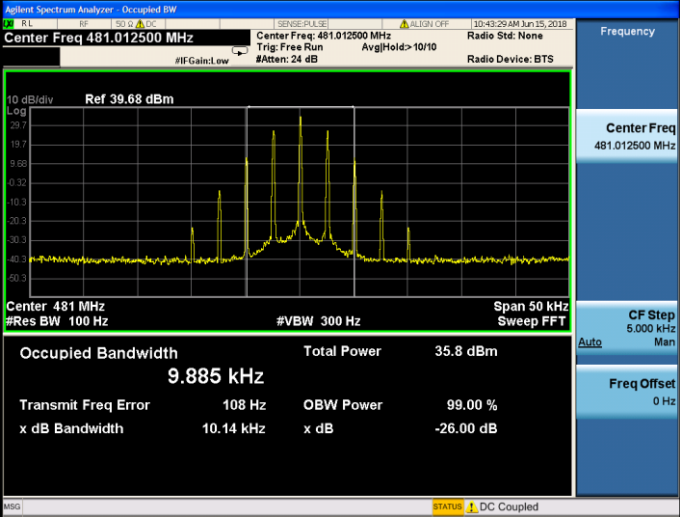


## Appendix B:Occupied Bandwidth

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                     |
|----------------|-----------------|------------------|--------------------------------------------------------------------------------------|
| TX-DNL         | 4FSK            | CH <sub>M1</sub> |    |
| TX-DNL         | 4FSK            | CH <sub>M2</sub> |   |
| TX-DNL         | 4FSK            | CH <sub>M3</sub> |  |

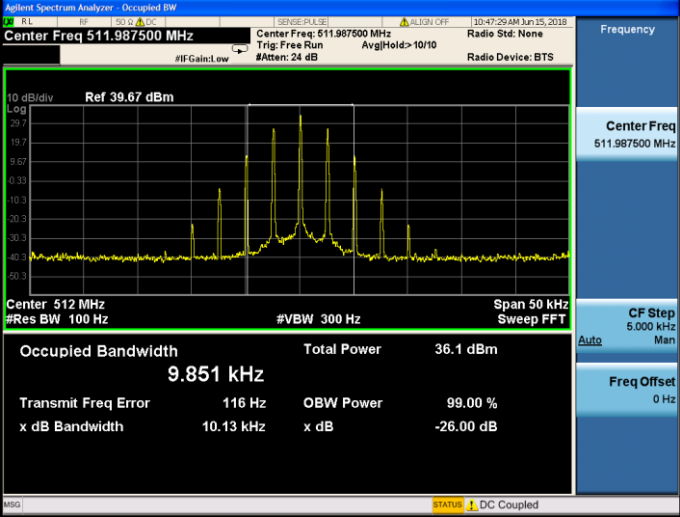
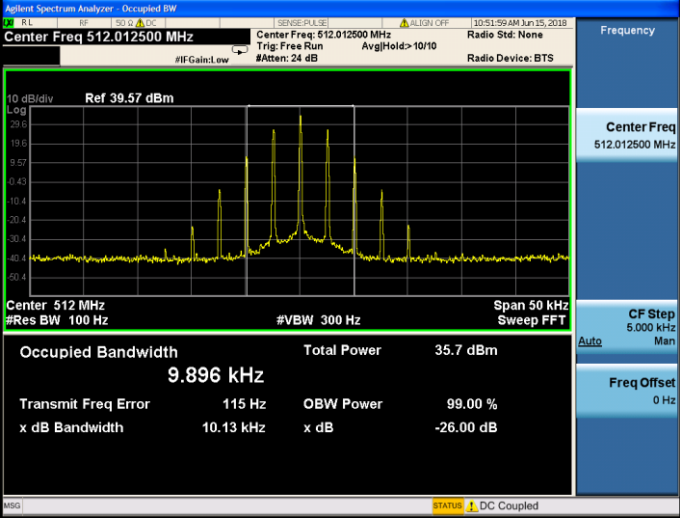
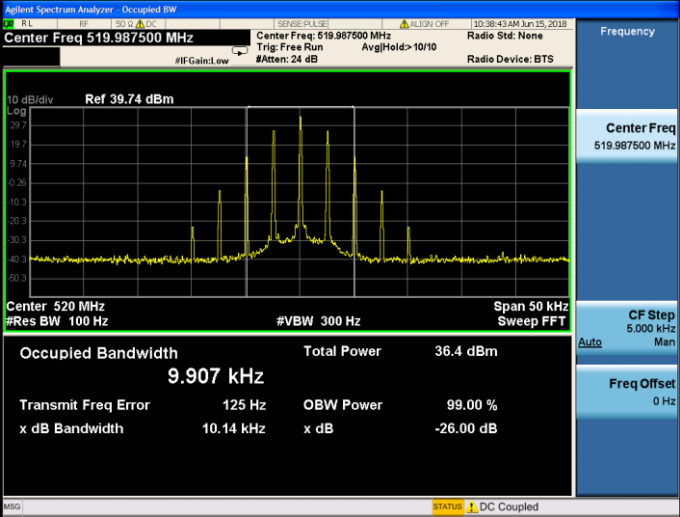


## Appendix B:Occupied Bandwidth

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------|-----------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TX-DNL         | 4FSK            | CH <sub>H</sub>  |  <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 519.987500 MHz</p> <p>Center Freq: 519.987500 MHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: 10/10</p> <p>Radio Std: None</p> <p>Radio Device: BTS</p> <p>Ref 33.66 dBm</p> <p>10 dB/div</p> <p>Log</p> <p>Center 520 MHz</p> <p>#Res BW 100 Hz</p> <p>#VBW 300 Hz</p> <p>Span 50 kHz</p> <p>Sweep FFT</p> <p>Occupied Bandwidth 7.040 kHz</p> <p>Total Power 35.9 dBm</p> <p>Transmit Freq Error 131 Hz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 9.452 kHz</p> <p>x dB -26.00 dB</p> <p>STATUS DC Coupled</p>   |
| TX-ANH         | FM              | CH <sub>L</sub>  |  <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 450.012500 MHz</p> <p>Center Freq: 450.012500 MHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: 10/10</p> <p>Radio Std: None</p> <p>Radio Device: BTS</p> <p>Ref 39.55 dBm</p> <p>10 dB/div</p> <p>Log</p> <p>Center 450 MHz</p> <p>#Res BW 100 Hz</p> <p>#VBW 300 Hz</p> <p>Span 50 kHz</p> <p>Sweep FFT</p> <p>Occupied Bandwidth 9.887 kHz</p> <p>Total Power 35.7 dBm</p> <p>Transmit Freq Error 104 Hz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 10.14 kHz</p> <p>x dB -26.00 dB</p> <p>STATUS DC Coupled</p>  |
| TX-ANH         | FM              | CH <sub>M1</sub> |  <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 481.012500 MHz</p> <p>Center Freq: 481.012500 MHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: 10/10</p> <p>Radio Std: None</p> <p>Radio Device: BTS</p> <p>Ref 39.68 dBm</p> <p>10 dB/div</p> <p>Log</p> <p>Center 481 MHz</p> <p>#Res BW 100 Hz</p> <p>#VBW 300 Hz</p> <p>Span 50 kHz</p> <p>Sweep FFT</p> <p>Occupied Bandwidth 9.885 kHz</p> <p>Total Power 35.8 dBm</p> <p>Transmit Freq Error 108 Hz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 10.14 kHz</p> <p>x dB -26.00 dB</p> <p>STATUS DC Coupled</p> |



## Appendix B:Occupied Bandwidth

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------|-----------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TX-ANH         | FM              | CH <sub>M2</sub> |  <p>Agilent Spectrum Analyzer - Occupied BW<br/>Center Freq 511.987500 MHz<br/>Trig: Free Run<br/>#IF Gain: Low<br/>#Att: 24 dB<br/>Avg/Hold: 10/10<br/>Radio Std: None<br/>Radio Device: BTS<br/>Frequency<br/>Center Freq 511.987500 MHz<br/>CF Step 5.000 kHz<br/>Man<br/>Freq Offset 0 Hz<br/>Auto<br/>Status: DC Coupled</p>   |
| TX-ANH         | FM              | CH <sub>M3</sub> |  <p>Agilent Spectrum Analyzer - Occupied BW<br/>Center Freq 512.012500 MHz<br/>Trig: Free Run<br/>#IF Gain: Low<br/>#Att: 24 dB<br/>Avg/Hold: 10/10<br/>Radio Std: None<br/>Radio Device: BTS<br/>Frequency<br/>Center Freq 512.012500 MHz<br/>CF Step 5.000 kHz<br/>Man<br/>Freq Offset 0 Hz<br/>Auto<br/>Status: DC Coupled</p>  |
| TX-ANH         | FM              | CH <sub>H</sub>  |  <p>Agilent Spectrum Analyzer - Occupied BW<br/>Center Freq 519.987500 MHz<br/>Trig: Free Run<br/>#IF Gain: Low<br/>#Att: 24 dB<br/>Avg/Hold: 10/10<br/>Radio Std: None<br/>Radio Device: BTS<br/>Frequency<br/>Center Freq 519.987500 MHz<br/>CF Step 5.000 kHz<br/>Man<br/>Freq Offset 0 Hz<br/>Auto<br/>Status: DC Coupled</p> |



## Appendix B:Occupied Bandwidth

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------|-----------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TX-ANL         | FM              | CH <sub>L</sub>  | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 450.012500 MHz</p> <p>Center Freq: 450.012500 MHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: &gt;10/10</p> <p>Radio Std: None</p> <p>Radio Device: BTS</p> <p>Ref 33.90 dBm</p> <p>10 dB/div</p> <p>Log</p> <p>Center 450 MHz</p> <p>#Res BW 100 Hz</p> <p>#VBW 300 Hz</p> <p>Span 50 kHz</p> <p>Sweep FFT</p> <p>Occupied Bandwidth 9.886 kHz</p> <p>Total Power 29.9 dBm</p> <p>Transmit Freq Error 110 Hz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 10.14 kHz</p> <p>x dB -26.00 dB</p> <p>STATUS DC Coupled</p> |
| TX-ANL         | FM              | CH <sub>M1</sub> | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 481.012500 MHz</p> <p>Center Freq: 481.012500 MHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: &gt;10/10</p> <p>Radio Std: None</p> <p>Radio Device: BTS</p> <p>Ref 33.60 dBm</p> <p>10 dB/div</p> <p>Log</p> <p>Center 481 MHz</p> <p>#Res BW 100 Hz</p> <p>#VBW 300 Hz</p> <p>Span 50 kHz</p> <p>Sweep FFT</p> <p>Occupied Bandwidth 9.887 kHz</p> <p>Total Power 29.7 dBm</p> <p>Transmit Freq Error 110 Hz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 10.14 kHz</p> <p>x dB -26.00 dB</p> <p>STATUS DC Coupled</p> |
| TX-ANL         | FM              | CH <sub>M2</sub> | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 511.987500 MHz</p> <p>Center Freq: 511.987500 MHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: &gt;10/10</p> <p>Radio Std: None</p> <p>Radio Device: BTS</p> <p>Ref 32.98 dBm</p> <p>10 dB/div</p> <p>Log</p> <p>Center 512 MHz</p> <p>#Res BW 100 Hz</p> <p>#VBW 300 Hz</p> <p>Span 50 kHz</p> <p>Sweep FFT</p> <p>Occupied Bandwidth 9.857 kHz</p> <p>Total Power 29.4 dBm</p> <p>Transmit Freq Error 118 Hz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 10.13 kHz</p> <p>x dB -26.00 dB</p> <p>STATUS DC Coupled</p> |

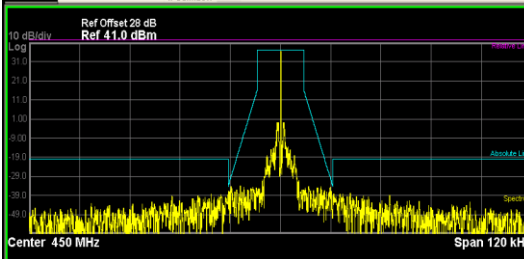
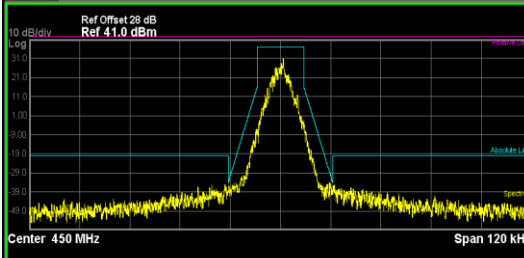
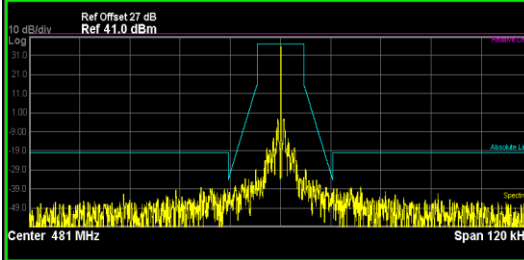


## Appendix B:Occupied Bandwidth

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------|-----------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TX-ANL         | FM              | CH <sub>M3</sub> | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 512.012500 MHz</p> <p>Center Freq: 512.012500 MHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: 10/10</p> <p>Radio Std: None</p> <p>Radio Device: BTS</p> <p>Ref 32.99 dBm</p> <p>Center 512 MHz</p> <p>#Res BW 100 Hz</p> <p>#VBW 300 Hz</p> <p>Span 50 kHz</p> <p>Sweep FFT</p> <p>Occupied Bandwidth 9.905 kHz</p> <p>Total Power 29.6 dBm</p> <p>Transmit Freq Error 125 Hz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 10.14 kHz</p> <p>x dB -26.00 dB</p> <p>STATUS: DC Coupled</p> |
| TX-ANL         | FM              | CH <sub>H</sub>  | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 519.987500 MHz</p> <p>Center Freq: 519.987500 MHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: 10/10</p> <p>Radio Std: None</p> <p>Radio Device: BTS</p> <p>Ref 32.80 dBm</p> <p>Center 520 MHz</p> <p>#Res BW 100 Hz</p> <p>#VBW 300 Hz</p> <p>Span 50 kHz</p> <p>Sweep FFT</p> <p>Occupied Bandwidth 9.872 kHz</p> <p>Total Power 29.4 dBm</p> <p>Transmit Freq Error 119 Hz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 10.13 kHz</p> <p>x dB -26.00 dB</p> <p>STATUS: DC Coupled</p> |



## Appendix C:Emission Mask

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                |           |              |                |                |           |              |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
|----------------|-----------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------|--------------|----------------|----------------|-----------|--------------|----------------|-----------|--------|-----------|----------|-------|----------|--------|-------|---------|-------|-----------|-----------|----------|--------|---------|----------|--------|---------|---------|-----------|-----------|----------|--------|----------|----------|--------|----------|---------|-----------|-----------|-----------|---|-----|---|---|-----|---|-----------|-----------|-----------|---|-----|---|---|-----|---|-----------|-----------|-----------|---|-----|---|---|-----|---|
| TX-DNH         | 4FSK            | CH <sub>L</sub>  | <div><div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div>Center Freq 450.012500 MHz</div><div>PASS</div><div>Ref Offset 28 dB</div><div>Ref 41.0 dBm</div><div></div><div>Center 450 MHz</div><div>Span 120 kHz</div><div>Total Power Ref 36.40 dBm 0.0125 MHz</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>12.83</td><td>(-24.34)</td><td>0.0</td><td>36.31</td><td>(-0.86)</td><td>100.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-36.99</td><td>(-3.82)</td><td>-12.35 k</td><td>-36.88</td><td>(-4.43)</td><td>12.25 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-38.23</td><td>(-18.23)</td><td>-16.50 k</td><td>-37.50</td><td>(-17.50)</td><td>12.50 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></table></div><div>Frequency</div><div>Center Freq 450.012500 MHz</div><div>CF Step 12.000 kHz</div><div>Man</div><div>Auto</div><div>Freq Offset 0 Hz</div><div>File &lt;MASK D.state&gt; recalled</div><div>STATUS</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 | 12.83 | (-24.34) | 0.0    | 36.31 | (-0.86) | 100.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -36.99 | (-3.82) | -12.35 k | -36.88 | (-4.43) | 12.25 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -38.23 | (-18.23) | -16.50 k | -37.50 | (-17.50) | 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 | — | (—) | — | — | (—) | — |
| 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         | 12.83                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (-24.34)       | 0.0       | 36.31        | (-0.86)        | 100.0          |           |              |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -36.99                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (-3.82)        | -12.35 k  | -36.88       | (-4.43)        | 12.25 k        |           |              |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -38.23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (-18.23)       | -16.50 k  | -37.50       | (-17.50)       | 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-DNH         | 4FSK            | CH <sub>L</sub>  | <div><div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div>Center Freq 450.012500 MHz</div><div>PASS</div><div>Ref Offset 28 dB</div><div>Ref 41.0 dBm</div><div></div><div>Center 450 MHz</div><div>Span 120 kHz</div><div>Total Power Ref 40.39 dBm 0.0125 MHz</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>26.57</td><td>(-10.60)</td><td>-50.00</td><td>31.09</td><td>(-6.08)</td><td>700.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-35.88</td><td>(-1.61)</td><td>-12.50 k</td><td>-37.73</td><td>(-3.47)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-35.01</td><td>(-15.01)</td><td>-13.15 k</td><td>-35.56</td><td>(-15.56)</td><td>12.95 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>Frequency</div><div>Center Freq 450.012500 MHz</div><div>CF Step 12.000 kHz</div><div>Man</div><div>Auto</div><div>Freq Offset 0 Hz</div><div>File &lt;Temp.png&gt; saved</div><div>STATUS</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 | 26.57 | (-10.60) | -50.00 | 31.09 | (-6.08) | 700.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -35.88 | (-1.61) | -12.50 k | -37.73 | (-3.47) | 12.50 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -35.01 | (-15.01) | -13.15 k | -35.56 | (-15.56) | 12.95 k | 4.000 MHz | 8.000 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| Start Freq     | Stop Freq       | Integ BW         | dBm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Lower ΔLim(dB) | Freq (Hz) | < Peak > dBm | Upper ΔLim(dB) | Freq (Hz)      |           |              |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 0.0 Hz         | 5.625 kHz       | 100.0 Hz         | 26.57                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (-10.60)       | -50.00    | 31.09        | (-6.08)        | 700.0          |           |              |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -35.88                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (-1.61)        | -12.50 k  | -37.73       | (-3.47)        | 12.50 k        |           |              |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -35.01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (-15.01)       | -13.15 k  | -35.56       | (-15.56)       | 12.95 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-DNH         | 4FSK            | CH <sub>M1</sub> | <div><div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div>Center Freq 481.012500 MHz</div><div>PASS</div><div>Ref Offset 27 dB</div><div>Ref 41.0 dBm</div><div></div><div>Center 481 MHz</div><div>Span 120 kHz</div><div>Total Power Ref 36.45 dBm 0.0125 MHz</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>0.292</td><td>(-36.79)</td><td>0.0</td><td>35.83</td><td>(-1.25)</td><td>150.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-42.20</td><td>(-8.57)</td><td>-12.40 k</td><td>-41.21</td><td>(-7.58)</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-38.08</td><td>(-18.08)</td><td>-18.95 k</td><td>-37.90</td><td>(-17.90)</td><td>19.15 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></table></div><div>Frequency</div><div>Center Freq 481.012500 MHz</div><div>CF Step 12.000 kHz</div><div>Man</div><div>Auto</div><div>Freq Offset 0 Hz</div><div>File &lt;MASK D.state&gt; recalled</div><div>STATUS</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 | 0.292 | (-36.79) | 0.0    | 35.83 | (-1.25) | 150.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -42.20 | (-8.57) | -12.40 k | -41.21 | (-7.58) | 12.40 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -38.08 | (-18.08) | -18.95 k | -37.90 | (-17.90) | 19.15 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 | — | (—) | — | — | (—) | — |
| 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         | 0.292                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (-36.79)       | 0.0       | 35.83        | (-1.25)        | 150.0          |           |              |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -42.20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (-8.57)        | -12.40 k  | -41.21       | (-7.58)        | 12.40 k        |           |              |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -38.08                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (-18.08)       | -18.95 k  | -37.90       | (-17.90)       | 19.15 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        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | (—)            | —         | —            | (—)            | —              |           |              |                |           |        |           |          |       |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |



## Appendix C:Emission Mask

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                |           |              |                |                |           |              |                |           |        |           |          |        |          |        |       |          |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
|----------------|-----------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------|--------------|----------------|----------------|-----------|--------------|----------------|-----------|--------|-----------|----------|--------|----------|--------|-------|----------|-------|-----------|-----------|----------|--------|---------|----------|--------|---------|---------|-----------|-----------|----------|--------|----------|----------|--------|----------|---------|-----------|-----------|-----------|---|-----|---|---|-----|---|-----------|-----------|-----------|---|-----|---|---|-----|---|-----------|-----------|-----------|---|-----|---|---|-----|---|
| TX-DNH         | 4FSK            | CH <sub>M1</sub> | <div><div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div>Center Freq 481.012500 MHz</div><div>Ref Offset 27 dB<br/>Ref 41.0 dBm</div><div>10 dB/div</div><div>Log</div><div>31.0</div><div>21.0</div><div>11.0</div><div>0.0</div><div>-9.0</div><div>-19.0</div><div>-29.0</div><div>-39.0</div><div>-49.0</div><div>Center 481 MHz</div><div>Span 120 kHz</div><div>Total Power Ref 39.47 dBm 0.0125 MHz</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>24.99</td><td>(-12.09)</td><td>-300.0</td><td>29.43</td><td>(-7.65)</td><td>350.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-37.69</td><td>(-3.70)</td><td>-12.45 k</td><td>-35.79</td><td>(-2.53)</td><td>12.35 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-34.34</td><td>(-14.34)</td><td>-12.65 k</td><td>-36.58</td><td>(-16.58)</td><td>13.50 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></table></div><div>Frequency</div><div>Center Freq 481.012500 MHz</div><div>CF Step 12.000 kHz</div><div>Auto</div><div>Man</div><div>Freq Offset 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 | 24.99  | (-12.09) | -300.0 | 29.43 | (-7.65)  | 350.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -37.69 | (-3.70) | -12.45 k | -35.79 | (-2.53) | 12.35 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -34.34 | (-14.34) | -12.65 k | -36.58 | (-16.58) | 13.50 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 | — | (—) | — | — | (—) | — |
| 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         | 24.99                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | (-12.09)       | -300.0    | 29.43        | (-7.65)        | 350.0          |           |              |                |           |        |           |          |        |          |        |       |          |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -37.69                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (-3.70)        | -12.45 k  | -35.79       | (-2.53)        | 12.35 k        |           |              |                |           |        |           |          |        |          |        |       |          |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -34.34                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (-14.34)       | -12.65 k  | -36.58       | (-16.58)       | 13.50 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-DNH         | 4FSK            | CH <sub>M2</sub> | <div><div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div>Center Freq 511.987500 MHz</div><div>Ref Offset 27 dB<br/>Ref 41.0 dBm</div><div>10 dB/div</div><div>Log</div><div>31.0</div><div>21.0</div><div>11.0</div><div>0.0</div><div>-9.0</div><div>-19.0</div><div>-29.0</div><div>-39.0</div><div>-49.0</div><div>Center 512 MHz</div><div>Span 120 kHz</div><div>Total Power Ref 36.05 dBm 0.0125 MHz</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>-1.709</td><td>(-38.65)</td><td>-550.0</td><td>35.77</td><td>(-1.37)</td><td>150.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-34.47</td><td>(-1.63)</td><td>-12.39 k</td><td>-37.07</td><td>(-2.78)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-37.35</td><td>(-17.35)</td><td>-14.80 k</td><td>-36.62</td><td>(-16.62)</td><td>12.85 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></table></div><div>Frequency</div><div>Center Freq 511.987500 MHz</div><div>CF Step 12.000 kHz</div><div>Auto</div><div>Man</div><div>Freq Offset 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 | -1.709 | (-38.65) | -550.0 | 35.77 | (-1.37)  | 150.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -34.47 | (-1.63) | -12.39 k | -37.07 | (-2.78) | 12.50 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -37.35 | (-17.35) | -14.80 k | -36.62 | (-16.62) | 12.85 k | 4.000 MHz | 8.000 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 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         | -1.709                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (-38.65)       | -550.0    | 35.77        | (-1.37)        | 150.0          |           |              |                |           |        |           |          |        |          |        |       |          |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -34.47                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (-1.63)        | -12.39 k  | -37.07       | (-2.78)        | 12.50 k        |           |              |                |           |        |           |          |        |          |        |       |          |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -37.35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (-17.35)       | -14.80 k  | -36.62       | (-16.62)       | 12.85 k        |           |              |                |           |        |           |          |        |          |        |       |          |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 4.000 MHz      | 8.000 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | (—)            | —         | —            | (—)            | —              |           |              |                |           |        |           |          |        |          |        |       |          |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 8.000 MHz      | 12.50 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | (—)            | —         | —            | (—)            | —              |           |              |                |           |        |           |          |        |          |        |       |          |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 MHz      | 15.00 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | (—)            | —         | —            | (—)            | —              |           |              |                |           |        |           |          |        |          |        |       |          |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| TX-DNH         | 4FSK            | CH <sub>M2</sub> | <div><div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div>Center Freq 511.987500 MHz</div><div>Ref Offset 27 dB<br/>Ref 41.0 dBm</div><div>10 dB/div</div><div>Log</div><div>31.0</div><div>21.0</div><div>11.0</div><div>0.0</div><div>-9.0</div><div>-19.0</div><div>-29.0</div><div>-39.0</div><div>-49.0</div><div>Center 512 MHz</div><div>Span 120 kHz</div><div>Total Power Ref 39.77 dBm 0.0125 MHz</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>28.45</td><td>(-8.69)</td><td>-850.0</td><td>26.46</td><td>(-10.68)</td><td>750.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-38.14</td><td>(-3.84)</td><td>-12.50 k</td><td>-36.38</td><td>(-3.54)</td><td>12.30 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-35.43</td><td>(-15.43)</td><td>-15.40 k</td><td>-33.45</td><td>(-13.45)</td><td>12.50 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></table></div><div>Frequency</div><div>Center Freq 511.987500 MHz</div><div>CF Step 12.000 kHz</div><div>Auto</div><div>Man</div><div>Freq Offset 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 | 28.45  | (-8.69)  | -850.0 | 26.46 | (-10.68) | 750.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -38.14 | (-3.84) | -12.50 k | -36.38 | (-3.54) | 12.30 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -35.43 | (-15.43) | -15.40 k | -33.45 | (-13.45) | 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 | — | (—) | — | — | (—) | — |
| 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         | 28.45                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | (-8.69)        | -850.0    | 26.46        | (-10.68)       | 750.0          |           |              |                |           |        |           |          |        |          |        |       |          |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -38.14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (-3.84)        | -12.50 k  | -36.38       | (-3.54)        | 12.30 k        |           |              |                |           |        |           |          |        |          |        |       |          |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -35.43                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (-15.43)       | -15.40 k  | -33.45       | (-13.45)       | 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        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | (—)            | —         | —            | (—)            | —              |           |              |                |           |        |           |          |        |          |        |       |          |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |

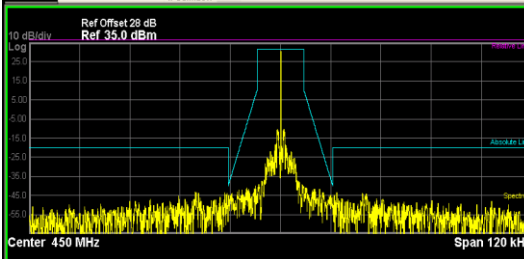
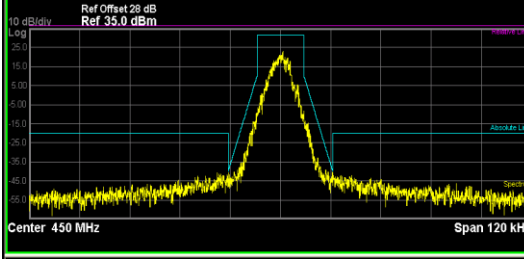
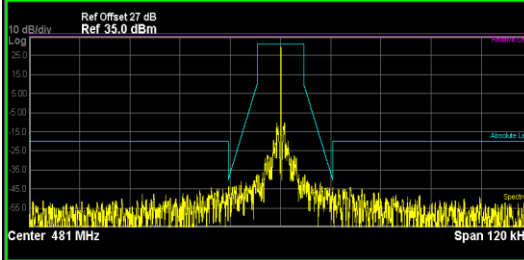


## Appendix C:Emission Mask

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                |           |              |                |                |           |              |                |           |        |           |          |        |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
|----------------|-----------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------|--------------|----------------|----------------|-----------|--------------|----------------|-----------|--------|-----------|----------|--------|----------|--------|-------|---------|-------|-----------|-----------|----------|--------|---------|----------|--------|---------|---------|-----------|-----------|----------|--------|----------|----------|--------|----------|---------|-----------|-----------|-----------|---|-----|---|---|-----|---|-----------|-----------|-----------|---|-----|---|---|-----|---|-----------|-----------|-----------|---|-----|---|---|-----|---|
| TX-DNH         | 4FSK            | CH <sub>M3</sub> | <div><div><div><div>MultiViewSpectrum</div><div>Ref Level 37.00 dBm Offset 26.00 dBm SWI 41.9 ms (x55 ms) VBW 300 Hz Mode Auto FFT</div><div>Frequency Sweep</div><div><div>Line MASK-D</div><div>PASS</div><div>PASS</div></div><div>20 dBm</div><div>10 dBm</div><div>0 dBm</div><div>-10 dBm</div><div>-20 dBm</div><div>-30 dBm</div><div>-40 dBm</div><div>-50 dBm</div></div><div><div>512.0125 MHz</div><div>1001 pts</div><div>5.0 kHz/</div><div>Span 50.0 kHz</div></div><div>Measuring... 19.06.2018 09:01:17</div></div><div>Date: 19.JUN.2018 09:01:16</div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                |           |              |                |                |           |              |                |           |        |           |          |        |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| TX-DNH         | 4FSK            | CH <sub>H</sub>  | <div><div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div>Center Freq 519.987500 MHz</div><div>PASS</div><div>IF Gain: Low</div><div>Center Freq: 519.987500 MHz</div><div>Trig: Free Run</div><div>#Atten: 40 dB</div><div>Radio Device: BTS</div><div>Frequency</div><div>Center Freq 519.987500 MHz</div><div>CF Step 12.000 kHz</div><div>Freq Offset 0 Hz</div></div><div><div>Ref Offset 27 dB</div><div>Ref 41.0 dBm</div><div>10 dB/div</div><div>Log</div><div>31.0</div><div>21.0</div><div>11.0</div><div>9.00</div><div>19.0</div><div>29.0</div><div>39.0</div><div>49.0</div></div><div><div>Center 520 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref 36.15 dBm 0.0125 MHz</div><table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>&lt; Peak &gt; 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>-2.362</td><td>(-39.65)</td><td>-400.0</td><td>36.00</td><td>(-1.29)</td><td>150.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-35.92</td><td>(-1.77)</td><td>-12.50 k</td><td>-39.67</td><td>(-5.52)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-37.50</td><td>(-17.50)</td><td>-16.25 k</td><td>-37.58</td><td>(-17.58)</td><td>16.50 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table></div></div></div>                             | 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 | -2.362 | (-39.65) | -400.0 | 36.00 | (-1.29) | 150.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -35.92 | (-1.77) | -12.50 k | -39.67 | (-5.52) | 12.50 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -37.50 | (-17.50) | -16.25 k | -37.58 | (-17.58) | 16.50 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 | — | (—) | — | — | (—) | — |
| 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         | -2.362                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | (-39.65)       | -400.0    | 36.00        | (-1.29)        | 150.0          |           |              |                |           |        |           |          |        |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -35.92                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | (-1.77)        | -12.50 k  | -39.67       | (-5.52)        | 12.50 k        |           |              |                |           |        |           |          |        |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -37.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | (-17.50)       | -16.25 k  | -37.58       | (-17.58)       | 16.50 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-DNH         | 4FSK            | CH <sub>H</sub>  | <div><div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div>Center Freq 519.987500 MHz</div><div>PASS</div><div>IF Gain: Low</div><div>Center Freq: 519.987500 MHz</div><div>Trig: Free Run</div><div>Avg: 100.00% of 10</div><div>#Atten: 40 dB</div><div>Radio Device: BTS</div><div>Frequency</div><div>Center Freq 519.987500 MHz</div><div>CF Step 12.000 kHz</div><div>Freq Offset 0 Hz</div></div><div><div>Ref Offset 27 dB</div><div>Ref 41.0 dBm</div><div>10 dB/div</div><div>Log</div><div>31.0</div><div>21.0</div><div>11.0</div><div>9.00</div><div>19.0</div><div>29.0</div><div>39.0</div><div>49.0</div></div><div><div>Center 520 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref 39.40 dBm 0.0125 MHz</div><table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>&lt; Peak &gt; dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>26.04</td><td>(-11.25)</td><td>-300.0</td><td>29.61</td><td>(-7.67)</td><td>750.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-39.21</td><td>(-5.06)</td><td>-12.50 k</td><td>-35.85</td><td>(-1.70)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-33.84</td><td>(-13.84)</td><td>-16.10 k</td><td>-32.84</td><td>(-12.84)</td><td>12.85 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table></div></div></div> | Start Freq     | Stop Freq | Integ BW     | dBm            | Lower ΔLim(dB) | Freq (Hz) | < Peak > dBm | Upper ΔLim(dB) | Freq (Hz) | 0.0 Hz | 5.625 kHz | 100.0 Hz | 26.04  | (-11.25) | -300.0 | 29.61 | (-7.67) | 750.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -39.21 | (-5.06) | -12.50 k | -35.85 | (-1.70) | 12.50 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -33.84 | (-13.84) | -16.10 k | -32.84 | (-12.84) | 12.85 k | 4.000 MHz | 8.000 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| Start Freq     | Stop Freq       | Integ BW         | dBm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Lower ΔLim(dB) | Freq (Hz) | < Peak > dBm | Upper ΔLim(dB) | Freq (Hz)      |           |              |                |           |        |           |          |        |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 0.0 Hz         | 5.625 kHz       | 100.0 Hz         | 26.04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | (-11.25)       | -300.0    | 29.61        | (-7.67)        | 750.0          |           |              |                |           |        |           |          |        |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -39.21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | (-5.06)        | -12.50 k  | -35.85       | (-1.70)        | 12.50 k        |           |              |                |           |        |           |          |        |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -33.84                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | (-13.84)       | -16.10 k  | -32.84       | (-12.84)       | 12.85 k        |           |              |                |           |        |           |          |        |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 4.000 MHz      | 8.000 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (—)            | —         | —            | (—)            | —              |           |              |                |           |        |           |          |        |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 8.000 MHz      | 12.50 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (—)            | —         | —            | (—)            | —              |           |              |                |           |        |           |          |        |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 MHz      | 15.00 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (—)            | —         | —            | (—)            | —              |           |              |                |           |        |           |          |        |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |

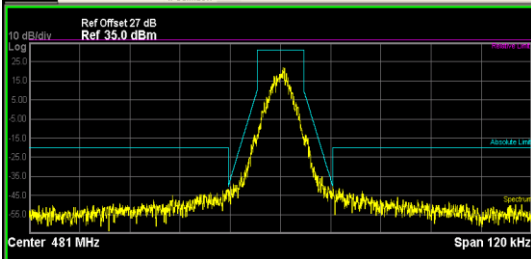
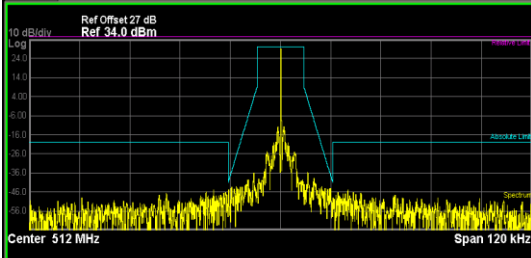
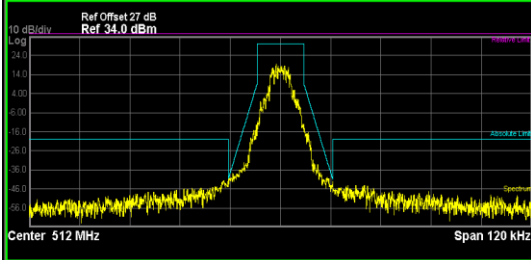


## Appendix C:Emission Mask

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                |           |              |                |                |           |              |                |           |        |           |          |        |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
|----------------|-----------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------|--------------|----------------|----------------|-----------|--------------|----------------|-----------|--------|-----------|----------|--------|----------|--------|-------|---------|-------|-----------|-----------|----------|--------|---------|----------|--------|---------|---------|-----------|-----------|----------|--------|----------|----------|--------|----------|---------|-----------|-----------|-----------|---|-----|---|---|-----|---|-----------|-----------|-----------|---|-----|---|---|-----|---|-----------|-----------|-----------|---|-----|---|---|-----|---|
| TX-DNL         | 4FSK            | CH <sub>L</sub>  | <div><div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div>Center Freq 450.012500 MHz</div><div>PASS</div><div>Ref Offset 28 dB<br/>Ref 35.0 dBm</div><div></div><div>Center 450 MHz Span 120 kHz</div><div>Total Power Ref 31.20 dBm 0.0125 MHz</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>5.192</td><td>(-26.17)</td><td>0.0</td><td>30.56</td><td>(-0.79)</td><td>100.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-44.88</td><td>(-6.25)</td><td>-12.30 k</td><td>-45.86</td><td>(-5.78)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-43.30</td><td>(-23.30)</td><td>-20.40 k</td><td>-43.43</td><td>(-23.43)</td><td>13.50 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></table></div><div>Frequency<br/>Center Freq 450.012500 MHz<br/>CF Step 12.000 kHz<br/>Freq Offset 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 | 5.192  | (-26.17) | 0.0    | 30.56 | (-0.79) | 100.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -44.88 | (-6.25) | -12.30 k | -45.86 | (-5.78) | 12.50 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -43.30 | (-23.30) | -20.40 k | -43.43 | (-23.43) | 13.50 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 | — | (—) | — | — | (—) | — |
| 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         | 5.192                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | (-26.17)       | 0.0       | 30.56        | (-0.79)        | 100.0          |           |              |                |           |        |           |          |        |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -44.88                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | (-6.25)        | -12.30 k  | -45.86       | (-5.78)        | 12.50 k        |           |              |                |           |        |           |          |        |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -43.30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | (-23.30)       | -20.40 k  | -43.43       | (-23.43)       | 13.50 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-DNL         | 4FSK            | CH <sub>L</sub>  | <div><div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div>Center Freq 450.012500 MHz</div><div>PASS</div><div>Ref Offset 28 dB<br/>Ref 35.0 dBm</div><div></div><div>Center 450 MHz Span 120 kHz</div><div>Total Power Ref 34.43 dBm 0.0125 MHz</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>20.96</td><td>(-10.40)</td><td>-150.0</td><td>22.86</td><td>(-8.50)</td><td>650.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-40.56</td><td>(-0.48)</td><td>-12.50 k</td><td>-40.26</td><td>(-0.91)</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-40.71</td><td>(-20.71)</td><td>-15.05 k</td><td>-42.04</td><td>(-22.04)</td><td>14.60 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>Frequency<br/>Center Freq 450.012500 MHz<br/>CF Step 12.000 kHz<br/>Freq Offset 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 | 20.96  | (-10.40) | -150.0 | 22.86 | (-8.50) | 650.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -40.56 | (-0.48) | -12.50 k | -40.26 | (-0.91) | 12.40 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -40.71 | (-20.71) | -15.05 k | -42.04 | (-22.04) | 14.60 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         | 20.96                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | (-10.40)       | -150.0    | 22.86        | (-8.50)        | 650.0          |           |              |                |           |        |           |          |        |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -40.56                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | (-0.48)        | -12.50 k  | -40.26       | (-0.91)        | 12.40 k        |           |              |                |           |        |           |          |        |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -40.71                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | (-20.71)       | -15.05 k  | -42.04       | (-22.04)       | 14.60 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-DNL         | 4FSK            | CH <sub>M1</sub> | <div><div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div>Center Freq 481.012500 MHz</div><div>PASS</div><div>Ref Offset 27 dB<br/>Ref 35.0 dBm</div><div></div><div>Center 481 MHz Span 120 kHz</div><div>Total Power Ref 30.16 dBm 0.0125 MHz</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>-7.208</td><td>(-38.33)</td><td>0.0</td><td>29.53</td><td>(-1.59)</td><td>150.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-43.74</td><td>(-4.88)</td><td>-12.30 k</td><td>-44.24</td><td>(-3.92)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-44.27</td><td>(-24.27)</td><td>-16.50 k</td><td>-44.08</td><td>(-24.08)</td><td>16.75 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>Frequency<br/>Center Freq 481.012500 MHz<br/>CF Step 12.000 kHz<br/>Freq Offset 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 | -7.208 | (-38.33) | 0.0    | 29.53 | (-1.59) | 150.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -43.74 | (-4.88) | -12.30 k | -44.24 | (-3.92) | 12.50 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -44.27 | (-24.27) | -16.50 k | -44.08 | (-24.08) | 16.75 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 | — | (—) | — | — | (—) | — |
| 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         | -7.208                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | (-38.33)       | 0.0       | 29.53        | (-1.59)        | 150.0          |           |              |                |           |        |           |          |        |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -43.74                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | (-4.88)        | -12.30 k  | -44.24       | (-3.92)        | 12.50 k        |           |              |                |           |        |           |          |        |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -44.27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | (-24.27)       | -16.50 k  | -44.08       | (-24.08)       | 16.75 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        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | (—)            | —         | —            | (—)            | —              |           |              |                |           |        |           |          |        |          |        |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |

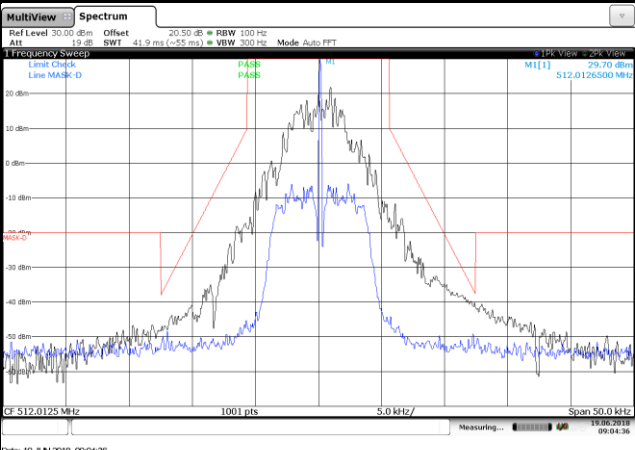
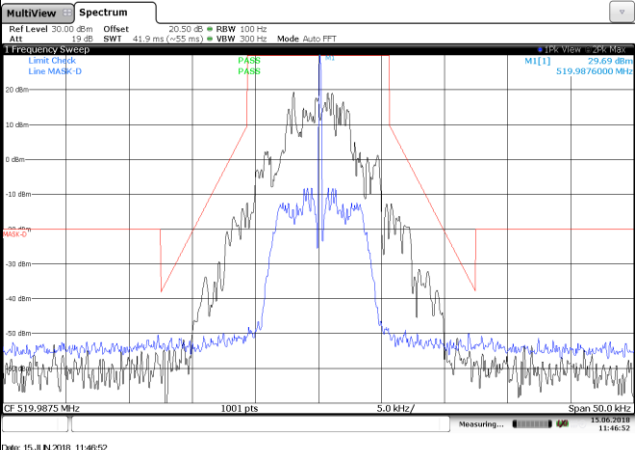
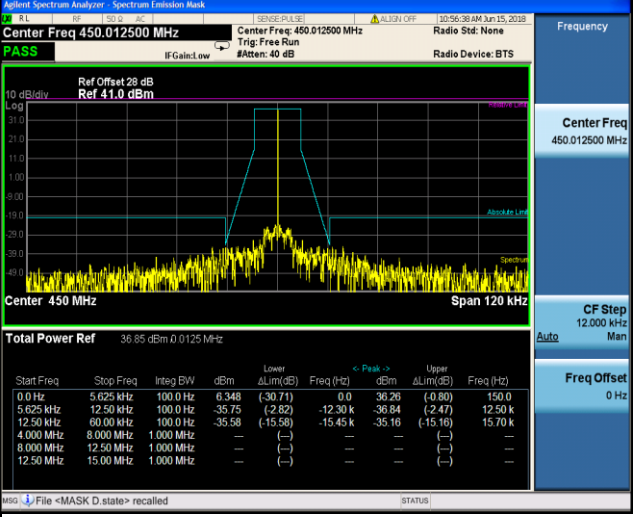


## Appendix C:Emission Mask

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |           |              |                |                |           |              |                |           |        |           |          |        |          |        |       |          |         |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
|----------------|-----------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------|--------------|----------------|----------------|-----------|--------------|----------------|-----------|--------|-----------|----------|--------|----------|--------|-------|----------|---------|-----------|-----------|----------|--------|---------|----------|--------|---------|---------|-----------|-----------|----------|--------|----------|----------|--------|----------|---------|-----------|-----------|-----------|---|-----|---|---|-----|---|-----------|-----------|-----------|---|-----|---|---|-----|---|-----------|-----------|-----------|---|-----|---|---|-----|---|
| TX-DNL         | 4FSK            | CH <sub>M1</sub> | <div><div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div>Center Freq 481.012500 MHz</div><div>PASS</div><div>Ref Offset 27 dB<br/>Ref 35.0 dBm</div><div></div><div>Center 481 MHz</div><div>Span 120 kHz</div><div>Total Power Ref 33.40 dBm 0.0125 MHz</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>18.39</td><td>(-12.74)</td><td>-100.0</td><td>21.85</td><td>(-9.27)</td><td>600.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-41.87</td><td>(-1.55)</td><td>-12.50 k</td><td>-40.36</td><td>(-0.05)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-41.86</td><td>(-21.86)</td><td>-12.60 k</td><td>-41.40</td><td>(-21.40)</td><td>14.10 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>Frequency<br/>Center Freq<br/>481.012500 MHz<br/>CF Step<br/>12.000 kHz<br/>Man<br/>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 | 18.39  | (-12.74) | -100.0 | 21.85 | (-9.27)  | 600.0   | 5.625 kHz | 12.50 kHz | 100.0 Hz | -41.87 | (-1.55) | -12.50 k | -40.36 | (-0.05) | 12.50 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -41.86 | (-21.86) | -12.60 k | -41.40 | (-21.40) | 14.10 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         | 18.39                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | (-12.74)       | -100.0    | 21.85        | (-9.27)        | 600.0          |           |              |                |           |        |           |          |        |          |        |       |          |         |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -41.87                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | (-1.55)        | -12.50 k  | -40.36       | (-0.05)        | 12.50 k        |           |              |                |           |        |           |          |        |          |        |       |          |         |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -41.86                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | (-21.86)       | -12.60 k  | -41.40       | (-21.40)       | 14.10 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-DNL         | 4FSK            | CH <sub>M2</sub> | <div><div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div>Center Freq 511.987500 MHz</div><div>PASS</div><div>Ref Offset 27 dB<br/>Ref 34.0 dBm</div><div></div><div>Center 512 MHz</div><div>Span 120 kHz</div><div>Total Power Ref 29.22 dBm 0.0125 MHz</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>-11.63</td><td>(-41.91)</td><td>-600.0</td><td>29.01</td><td>(-1.27)</td><td>150.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-45.08</td><td>(4.65)</td><td>-12.49 k</td><td>-44.03</td><td>(8.15)</td><td>12.05 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-45.00</td><td>(25.00)</td><td>-15.95 k</td><td>-44.88</td><td>(-24.88)</td><td>16.20 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>Frequency<br/>Center Freq<br/>511.987500 MHz<br/>CF Step<br/>12.000 kHz<br/>Man<br/>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 | -11.63 | (-41.91) | -600.0 | 29.01 | (-1.27)  | 150.0   | 5.625 kHz | 12.50 kHz | 100.0 Hz | -45.08 | (4.65)  | -12.49 k | -44.03 | (8.15)  | 12.05 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -45.00 | (25.00)  | -15.95 k | -44.88 | (-24.88) | 16.20 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         | -11.63                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | (-41.91)       | -600.0    | 29.01        | (-1.27)        | 150.0          |           |              |                |           |        |           |          |        |          |        |       |          |         |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -45.08                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | (4.65)         | -12.49 k  | -44.03       | (8.15)         | 12.05 k        |           |              |                |           |        |           |          |        |          |        |       |          |         |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -45.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | (25.00)        | -15.95 k  | -44.88       | (-24.88)       | 16.20 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-DNL         | 4FSK            | CH <sub>M2</sub> | <div><div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div>Center Freq 511.987500 MHz</div><div>PASS</div><div>Ref Offset 27 dB<br/>Ref 34.0 dBm</div><div></div><div>Center 512 MHz</div><div>Span 120 kHz</div><div>Total Power Ref 32.36 dBm 0.0125 MHz</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>19.47</td><td>(-10.82)</td><td>-950.0</td><td>18.54</td><td>(-11.75)</td><td>1.050 k</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-42.08</td><td>(-0.93)</td><td>-12.50 k</td><td>-42.14</td><td>(-0.99)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-41.72</td><td>(-21.72)</td><td>-13.55 k</td><td>-43.48</td><td>(-23.48)</td><td>12.50 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></table></div><div>Frequency<br/>Center Freq<br/>511.987500 MHz<br/>CF Step<br/>12.000 kHz<br/>Man<br/>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 | 19.47  | (-10.82) | -950.0 | 18.54 | (-11.75) | 1.050 k | 5.625 kHz | 12.50 kHz | 100.0 Hz | -42.08 | (-0.93) | -12.50 k | -42.14 | (-0.99) | 12.50 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -41.72 | (-21.72) | -13.55 k | -43.48 | (-23.48) | 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 | — | (—) | — | — | (—) | — |
| 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         | 19.47                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | (-10.82)       | -950.0    | 18.54        | (-11.75)       | 1.050 k        |           |              |                |           |        |           |          |        |          |        |       |          |         |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -42.08                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | (-0.93)        | -12.50 k  | -42.14       | (-0.99)        | 12.50 k        |           |              |                |           |        |           |          |        |          |        |       |          |         |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -41.72                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | (-21.72)       | -13.55 k  | -43.48       | (-23.48)       | 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-DNL         | 4FSK            | CH <sub>M3</sub> |    |
| TX-DNL         | 4FSK            | CH <sub>H</sub>  |   |
| TX-ANH         | FM              | CH <sub>L</sub>  |  |



## Appendix C:Emission Mask

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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| TX-ANH         | FM              | CH <sub>L</sub>  | <div><div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>Center Freq 450.012500 MHz</div><div>Center Freq: 450.012500 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 28 dB</div><div>Ref 41.0 dBm</div></div><div><div>Center 450 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref 36.29 dBm/0.0125 MHz</div><table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>&lt; Peak &gt; dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>27.55</td><td>(-9.51)</td><td>-2.400 k</td><td>34.84</td><td>(-2.22)</td><td>100.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-35.70</td><td>(-2.05)</td><td>-12.40 k</td><td>-37.11</td><td>(-3.47)</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-34.36</td><td>(-14.36)</td><td>-12.90 k</td><td>-34.98</td><td>(-14.98)</td><td>17.70 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><div>Frequency</div><div>Center Freq 450.012500 MHz</div><div>CF Step 12.000 kHz</div><div>Freq Offset 0 Hz</div></div></div> <tr><td>TX-ANH</td><td>FM</td><td>CH<sub>M1</sub></td><td><div><div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>Center Freq 481.012500 MHz</div><div>Center Freq: 481.012500 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 27 dB</div><div>Ref 41.0 dBm</div></div><div><div>Center 481 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref 36.19 dBm/0.0125 MHz</div><table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>&lt; 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| Start Freq     | Stop Freq       | Integ BW         | dBm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Lower ΔLim(dB) | Freq (Hz) | < Peak > dBm | Upper ΔLim(dB) | Freq (Hz)      |           |              |                |           |        |           |          |       |          |          |       |         |       |           |           |          |        |         |          |        |          |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |        |    |                  |                                                                                                                                                                                 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|   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 0.0 Hz         | 5.625 kHz       | 100.0 Hz         | 27.55                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (-9.51)        | -2.400 k  | 34.84        | (-2.22)        | 100.0          |           |              |                |           |        |           |          |       |          |          |       |         |       |           |           |          |        |         |          |        |          |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |        |    |                  |                                                                                                                                                                                 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|   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -35.70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | (-2.05)        | -12.40 k  | -37.11       | (-3.47)        | 12.40 k        |           |              |                |           |        |           |          |       |          |          |       |         |       |           |           |          |        |         |          |        |          |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |        |    |                  |                                                                                                                                                                                 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|   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -34.36                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | (-14.36)       | -12.90 k  | -34.98       | (-14.98)       | 17.70 k        |           |              |                |           |        |           |          |       |          |          |       |         |       |           |           |          |        |         |          |        |          |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |        |    |                  |                                                                                                                                                                                 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|   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 4.000 MHz      | 8.000 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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|   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 8.000 MHz      | 12.50 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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|   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 MHz      | 15.00 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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|   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| TX-ANH         | FM              | CH <sub>M1</sub> | <div><div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>Center Freq 481.012500 MHz</div><div>Center Freq: 481.012500 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 27 dB</div><div>Ref 41.0 dBm</div></div><div><div>Center 481 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref 36.19 dBm/0.0125 MHz</div><table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>&lt; Peak &gt; 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>4.961</td><td>(-32.15)</td><td>0.0</td><td>35.58</td><td>(-1.53)</td><td>100.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-43.52</td><td>(-9.56)</td><td>-12.45 k</td><td>-39.92</td><td>(-10.32)</td><td>11.85 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-37.22</td><td>(-17.22)</td><td>-16.10 k</td><td>-36.32</td><td>(-16.32)</td><td>16.35 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><div>Frequency</div><div>Center Freq 481.012500 MHz</div><div>CF Step 12.000 kHz</div><div>Freq Offset 0 Hz</div></div></div> <tr><td>TX-ANH</td><td>FM</td><td>CH<sub>M1</sub></td><td><div><div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>Center Freq 481.012500 MHz</div><div>Center Freq: 481.012500 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 27 dB</div><div>Ref 41.0 dBm</div></div><div><div>Center 481 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref 35.64 dBm/0.0125 MHz</div><table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>&lt; Peak &gt; dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>26.92</td><td>(-10.19)</td><td>-2.400 k</td><td>34.19</td><td>(-2.92)</td><td>100.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-36.58</td><td>(-2.62)</td><td>-12.45 k</td><td>-37.72</td><td>(-3.76)</td><td>12.45 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-34.70</td><td>(-14.70)</td><td>-17.65 k</td><td>-34.57</td><td>(-14.57)</td><td>12.95 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><div>Frequency</div><div>Center Freq 481.012500 MHz</div><div>CF Step 12.000 kHz</div><div>Freq Offset 0 Hz</div></div></div></td></tr>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 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 | 4.961 | (-32.15) | 0.0      | 35.58 | (-1.53) | 100.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -43.52 | (-9.56) | -12.45 k | -39.92 | (-10.32) | 11.85 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -37.22 | (-17.22) | -16.10 k | -36.32 | (-16.32) | 16.35 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>M1</sub> | <div><div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>Center Freq 481.012500 MHz</div><div>Center Freq: 481.012500 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 27 dB</div><div>Ref 41.0 dBm</div></div><div><div>Center 481 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref 35.64 dBm/0.0125 MHz</div><table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>&lt; Peak &gt; dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>26.92</td><td>(-10.19)</td><td>-2.400 k</td><td>34.19</td><td>(-2.92)</td><td>100.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-36.58</td><td>(-2.62)</td><td>-12.45 k</td><td>-37.72</td><td>(-3.76)</td><td>12.45 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-34.70</td><td>(-14.70)</td><td>-17.65 k</td><td>-34.57</td><td>(-14.57)</td><td>12.95 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><div>Frequency</div><div>Center Freq 481.012500 MHz</div><div>CF Step 12.000 kHz</div><div>Freq Offset 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 | 26.92 | (-10.19) | -2.400 k | 34.19 | (-2.92) | 100.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -36.58 | (-2.62) | -12.45 k | -37.72 | (-3.76)  | 12.45 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -34.70 | (-14.70) | -17.65 k | -34.57 | (-14.57) | 12.95 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)      |           |              |                |           |        |           |          |       |          |          |       |         |       |           |           |          |        |         |          |        |          |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |        |    |                  |                                                                                                                                                                                 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|   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 0.0 Hz         | 5.625 kHz       | 100.0 Hz         | 4.961                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (-32.15)       | 0.0       | 35.58        | (-1.53)        | 100.0          |           |              |                |           |        |           |          |       |          |          |       |         |       |           |           |          |        |         |          |        |          |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |        |    |                  |                                                                                                                                                                                 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|   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -43.52                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | (-9.56)        | -12.45 k  | -39.92       | (-10.32)       | 11.85 k        |           |              |                |           |        |           |          |       |          |          |       |         |       |           |           |          |        |         |          |        |          |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |        |    |                  |                                                                                                                                                                                 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|   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -37.22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | (-17.22)       | -16.10 k  | -36.32       | (-16.32)       | 16.35 k        |           |              |                |           |        |           |          |       |          |          |       |         |       |           |           |          |        |         |          |        |          |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |        |    |                  |                                                                                                                                                                                 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|   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 4.000 MHz      | 8.000 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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|   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 8.000 MHz      | 12.50 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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|   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 MHz      | 15.00 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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|   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| TX-ANH         | FM              | CH <sub>M1</sub> | <div><div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>Center Freq 481.012500 MHz</div><div>Center Freq: 481.012500 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 27 dB</div><div>Ref 41.0 dBm</div></div><div><div>Center 481 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref 35.64 dBm/0.0125 MHz</div><table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>&lt; Peak &gt; dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>5.625 kHz</td><td>100.0 Hz</td><td>26.92</td><td>(-10.19)</td><td>-2.400 k</td><td>34.19</td><td>(-2.92)</td><td>100.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-36.58</td><td>(-2.62)</td><td>-12.45 k</td><td>-37.72</td><td>(-3.76)</td><td>12.45 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-34.70</td><td>(-14.70)</td><td>-17.65 k</td><td>-34.57</td><td>(-14.57)</td><td>12.95 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><div>Frequency</div><div>Center Freq 481.012500 MHz</div><div>CF Step 12.000 kHz</div><div>Freq Offset 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 | 26.92 | (-10.19) | -2.400 k | 34.19 | (-2.92) | 100.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -36.58 | (-2.62) | -12.45 k | -37.72 | (-3.76)  | 12.45 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -34.70 | (-14.70) | -17.65 k | -34.57 | (-14.57) | 12.95 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)      |           |              |                |           |        |           |          |       |          |          |       |         |       |           |           |          |        |         |          |        |          |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |        |    |                  |                                                                                                                                                                                 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|   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 0.0 Hz         | 5.625 kHz       | 100.0 Hz         | 26.92                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (-10.19)       | -2.400 k  | 34.19        | (-2.92)        | 100.0          |           |              |                |           |        |           |          |       |          |          |       |         |       |           |           |          |        |         |          |        |          |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |        |    |                  |                                                                                                                                                                                 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|   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -36.58                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | (-2.62)        | -12.45 k  | -37.72       | (-3.76)        | 12.45 k        |           |              |                |           |        |           |          |       |          |          |       |         |       |           |           |          |        |         |          |        |          |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |        |    |                  |                                                                                                                                                                                 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|   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -34.70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | (-14.70)       | -17.65 k  | -34.57       | (-14.57)       | 12.95 k        |           |              |                |           |        |           |          |       |          |          |       |         |       |           |           |          |        |         |          |        |          |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |        |    |                  |                                                                                                                                                                                 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|   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 4.000 MHz      | 8.000 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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|   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 8.000 MHz      | 12.50 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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|   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 MHz      | 15.00 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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|   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |

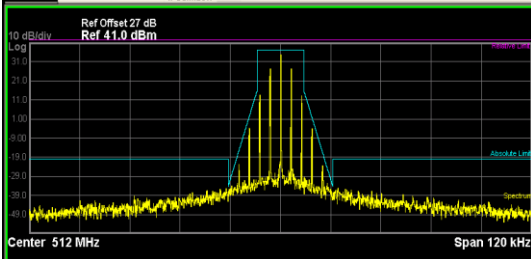
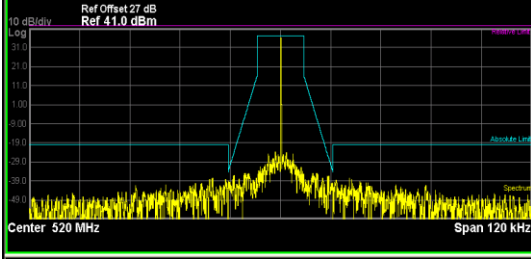
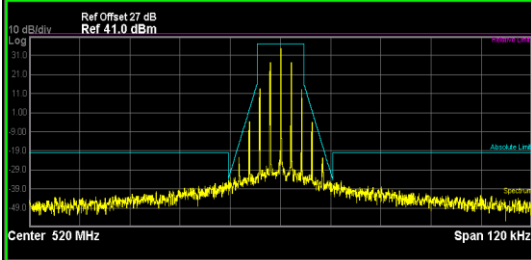


## Appendix C:Emission Mask

| Operation Mode | Modulation Type | Test Channel     | TEST PLOT RESULT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                |           |              |                |                |           |              |                |           |        |           |          |        |          |          |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
|----------------|-----------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------|--------------|----------------|----------------|-----------|--------------|----------------|-----------|--------|-----------|----------|--------|----------|----------|-------|---------|-------|-----------|-----------|----------|--------|---------|----------|--------|---------|---------|-----------|-----------|----------|--------|----------|----------|--------|----------|---------|-----------|-----------|-----------|---|-----|---|---|-----|---|-----------|-----------|-----------|---|-----|---|---|-----|---|-----------|-----------|-----------|---|-----|---|---|-----|---|
| TX-ANH         | FM              | CH <sub>M2</sub> | <div><div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div>Center Freq 511.987500 MHz</div><div>Ref Offset 27 dB</div><div>Ref 41.0 dBm</div><div>10 dB/div</div><div>Log</div><div>31.0</div><div>21.0</div><div>11.0</div><div>1.00</div><div>0.00</div><div>29.0</div><div>38.0</div><div>49.0</div><div>Center 512 MHz</div><div>Span 120 kHz</div><div>Total Power Ref 36.04 dBm 0.0125 MHz</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>-5.263</td><td>(-42.33)</td><td>0.0</td><td>35.76</td><td>(-1.31)</td><td>150.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-40.82</td><td>(-7.54)</td><td>-12.35 k</td><td>-42.57</td><td>(-8.20)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-38.08</td><td>(-18.08)</td><td>-14.60 k</td><td>-37.76</td><td>(-17.76)</td><td>14.85 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></table></div><div>Frequency</div><div>Center Freq 511.987500 MHz</div><div>CF Step 12.000 kHz</div><div>Man</div><div>Auto</div><div>Freq Offset 0 Hz</div><div>File &lt;MASK.D.state&gt; recalled</div><div>STATUS</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 | -5.263 | (-42.33) | 0.0      | 35.76 | (-1.31) | 150.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -40.82 | (-7.54) | -12.35 k | -42.57 | (-8.20) | 12.50 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -38.08 | (-18.08) | -14.60 k | -37.76 | (-17.76) | 14.85 k | 4.000 MHz | 8.000 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| 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         | -5.263                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | (-42.33)       | 0.0       | 35.76        | (-1.31)        | 150.0          |           |              |                |           |        |           |          |        |          |          |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -40.82                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | (-7.54)        | -12.35 k  | -42.57       | (-8.20)        | 12.50 k        |           |              |                |           |        |           |          |        |          |          |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -38.08                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | (-18.08)       | -14.60 k  | -37.76       | (-17.76)       | 14.85 k        |           |              |                |           |        |           |          |        |          |          |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 4.000 MHz      | 8.000 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | (—)            | —         | —            | (—)            | —              |           |              |                |           |        |           |          |        |          |          |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 8.000 MHz      | 12.50 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | (—)            | —         | —            | (—)            | —              |           |              |                |           |        |           |          |        |          |          |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 MHz      | 15.00 MHz       | 1.000 MHz        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | (—)            | —         | —            | (—)            | —              |           |              |                |           |        |           |          |        |          |          |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| TX-ANH         | FM              | CH <sub>M2</sub> | <div><div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div>Center Freq 511.987500 MHz</div><div>Ref Offset 27 dB</div><div>Ref 41.0 dBm</div><div>10 dB/div</div><div>Log</div><div>31.0</div><div>21.0</div><div>11.0</div><div>1.00</div><div>0.00</div><div>29.0</div><div>38.0</div><div>49.0</div><div>Center 512 MHz</div><div>Span 120 kHz</div><div>Total Power Ref 36.31 dBm 0.0125 MHz</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>27.09</td><td>(-9.98)</td><td>-2.400 k</td><td>34.38</td><td>(-2.69)</td><td>100.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-34.16</td><td>(-2.33)</td><td>-12.15 k</td><td>-38.95</td><td>(-4.58)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-34.30</td><td>(-14.30)</td><td>-13.35 k</td><td>-34.49</td><td>(-14.49)</td><td>12.80 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></table></div><div>Frequency</div><div>Center Freq 511.987500 MHz</div><div>CF Step 12.000 kHz</div><div>Man</div><div>Auto</div><div>Freq Offset 0 Hz</div><div>File &lt;Temp.png&gt; saved</div><div>STATUS</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 | 27.09  | (-9.98)  | -2.400 k | 34.38 | (-2.69) | 100.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -34.16 | (-2.33) | -12.15 k | -38.95 | (-4.58) | 12.50 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -34.30 | (-14.30) | -13.35 k | -34.49 | (-14.49) | 12.80 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 | — | (—) | — | — | (—) | — |
| Start Freq     | Stop Freq       | Integ BW         | dBm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Lower ΔLim(dB) | Freq (Hz) | < Peak > dBm | Upper ΔLim(dB) | Freq (Hz)      |           |              |                |           |        |           |          |        |          |          |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 0.0 Hz         | 5.625 kHz       | 100.0 Hz         | 27.09                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (-9.98)        | -2.400 k  | 34.38        | (-2.69)        | 100.0          |           |              |                |           |        |           |          |        |          |          |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -34.16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | (-2.33)        | -12.15 k  | -38.95       | (-4.58)        | 12.50 k        |           |              |                |           |        |           |          |        |          |          |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -34.30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | (-14.30)       | -13.35 k  | -34.49       | (-14.49)       | 12.80 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        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | (—)            | —         | —            | (—)            | —              |           |              |                |           |        |           |          |        |          |          |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| TX-ANH         | FM              | CH <sub>M3</sub> | <div><div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div>Center Freq 512.012500 MHz</div><div>Ref Offset 27 dB</div><div>Ref 41.0 dBm</div><div>10 dB/div</div><div>Log</div><div>31.0</div><div>21.0</div><div>11.0</div><div>1.00</div><div>0.00</div><div>29.0</div><div>38.0</div><div>49.0</div><div>Center 512 MHz</div><div>Span 120 kHz</div><div>Total Power Ref 36.12 dBm 0.0125 MHz</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>-10.41</td><td>(-47.51)</td><td>0.0</td><td>35.93</td><td>(-1.17)</td><td>150.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-41.76</td><td>(-7.42)</td><td>-12.50 k</td><td>-41.85</td><td>(-8.24)</td><td>12.40 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-38.03</td><td>(-18.03)</td><td>-15.35 k</td><td>-38.22</td><td>(-18.22)</td><td>15.65 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>Frequency</div><div>Center Freq 512.012500 MHz</div><div>CF Step 12.000 kHz</div><div>Man</div><div>Auto</div><div>Freq Offset 0 Hz</div><div>File &lt;MASK.D.state&gt; recalled</div><div>STATUS</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 | -10.41 | (-47.51) | 0.0      | 35.93 | (-1.17) | 150.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -41.76 | (-7.42) | -12.50 k | -41.85 | (-8.24) | 12.40 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -38.03 | (-18.03) | -15.35 k | -38.22 | (-18.22) | 15.65 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         | -10.41                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | (-47.51)       | 0.0       | 35.93        | (-1.17)        | 150.0          |           |              |                |           |        |           |          |        |          |          |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -41.76                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | (-7.42)        | -12.50 k  | -41.85       | (-8.24)        | 12.40 k        |           |              |                |           |        |           |          |        |          |          |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -38.03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | (-18.03)       | -15.35 k  | -38.22       | (-18.22)       | 15.65 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-ANH         | FM              | CH <sub>M3</sub> | <div><div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div>Center Freq 512.012500 MHz</div><div>PASS</div><div>Ref Offset 27 dB<br/>Ref 41.0 dBm</div><div></div><div>Center 512 MHz</div><div>Span 120 kHz</div><div>Total Power Ref 36.42 dBm 0.0125 MHz</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>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>27.22</td><td>(-9.88)</td><td>-2.350 k</td><td>34.50</td><td>(-2.60)</td><td>150.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-36.78</td><td>(-2.80)</td><td>-12.45 k</td><td>-35.85</td><td>(-4.42)</td><td>12.10 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-35.50</td><td>(-15.50)</td><td>-12.85 k</td><td>-35.04</td><td>(-15.04)</td><td>13.90 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>Frequency<br/>Center Freq<br/>512.012500 MHz<br/>CF Step<br/>12.000 kHz<br/>Man<br/>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 | 27.22  | (-9.88)  | -2.350 k | 34.50 | (-2.60) | 150.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -36.78 | (-2.80) | -12.45 k | -35.85 | (-4.42) | 12.10 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -35.50 | (-15.50) | -12.85 k | -35.04 | (-15.04) | 13.90 k | 4.000 MHz | 8.000 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| Start Freq     | Stop Freq       | Integ BW         | dBm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Lower ΔLim(dB) | Freq (Hz) | Peak > dBm | Upper ΔLim(dB) | Freq (Hz)      |           |            |                |           |        |           |          |        |          |          |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 0.0 Hz         | 5.625 kHz       | 100.0 Hz         | 27.22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | (-9.88)        | -2.350 k  | 34.50      | (-2.60)        | 150.0          |           |            |                |           |        |           |          |        |          |          |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -36.78                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (-2.80)        | -12.45 k  | -35.85     | (-4.42)        | 12.10 k        |           |            |                |           |        |           |          |        |          |          |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -35.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (-15.50)       | -12.85 k  | -35.04     | (-15.04)       | 13.90 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>Center Freq 519.987500 MHz</div><div>PASS</div><div>Ref Offset 27 dB<br/>Ref 41.0 dBm</div><div></div><div>Center 520 MHz</div><div>Span 120 kHz</div><div>Total Power Ref 36.13 dBm 0.0125 MHz</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>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>-14.38</td><td>(-51.64)</td><td>0.0</td><td>35.97</td><td>(-1.28)</td><td>150.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-38.89</td><td>(-4.71)</td><td>-12.50 k</td><td>-39.97</td><td>(-8.15)</td><td>12.45 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-37.42</td><td>(-17.42)</td><td>-16.20 k</td><td>-37.46</td><td>(-17.46)</td><td>16.50 k</td></tr><tr><td>4.000 MHz</td><td>8.000 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></table></div><div>Frequency<br/>Center Freq<br/>519.987500 MHz<br/>CF Step<br/>12.000 kHz<br/>Man<br/>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 | -14.38 | (-51.64) | 0.0      | 35.97 | (-1.28) | 150.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -38.89 | (-4.71) | -12.50 k | -39.97 | (-8.15) | 12.45 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -37.42 | (-17.42) | -16.20 k | -37.46 | (-17.46) | 16.50 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 | — | (—) | — | — | (—) | — |
| 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         | -14.38                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (-51.64)       | 0.0       | 35.97      | (-1.28)        | 150.0          |           |            |                |           |        |           |          |        |          |          |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -38.89                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (-4.71)        | -12.50 k  | -39.97     | (-8.15)        | 12.45 k        |           |            |                |           |        |           |          |        |          |          |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -37.42                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (-17.42)       | -16.20 k  | -37.46     | (-17.46)       | 16.50 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-ANH         | FM              | CH <sub>H</sub>  | <div><div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div>Center Freq 519.987500 MHz</div><div>PASS</div><div>Ref Offset 27 dB<br/>Ref 41.0 dBm</div><div></div><div>Center 520 MHz</div><div>Span 120 kHz</div><div>Total Power Ref 36.50 dBm 0.0125 MHz</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>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>27.25</td><td>(-10.00)</td><td>-2.400 k</td><td>34.55</td><td>(-2.70)</td><td>100.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-34.82</td><td>(-2.46)</td><td>-12.25 k</td><td>-36.39</td><td>(-2.21)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-35.86</td><td>(-15.86)</td><td>-12.90 k</td><td>-34.60</td><td>(-14.60)</td><td>14.55 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>Frequency<br/>Center Freq<br/>519.987500 MHz<br/>CF Step<br/>12.000 kHz<br/>Man<br/>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 | 27.25  | (-10.00) | -2.400 k | 34.55 | (-2.70) | 100.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -34.82 | (-2.46) | -12.25 k | -36.39 | (-2.21) | 12.50 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -35.86 | (-15.86) | -12.90 k | -34.60 | (-14.60) | 14.55 k | 4.000 MHz | 8.000 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 8.000 MHz | 12.50 MHz | 1.000 MHz | — | (—) | — | — | (—) | — | 12.50 MHz | 15.00 MHz | 1.000 MHz | — | (—) | — | — | (—) | — |
| Start Freq     | Stop Freq       | Integ BW         | dBm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Lower ΔLim(dB) | Freq (Hz) | Peak > dBm | Upper ΔLim(dB) | Freq (Hz)      |           |            |                |           |        |           |          |        |          |          |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 0.0 Hz         | 5.625 kHz       | 100.0 Hz         | 27.25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | (-10.00)       | -2.400 k  | 34.55      | (-2.70)        | 100.0          |           |            |                |           |        |           |          |        |          |          |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -34.82                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (-2.46)        | -12.25 k  | -36.39     | (-2.21)        | 12.50 k        |           |            |                |           |        |           |          |        |          |          |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -35.86                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (-15.86)       | -12.90 k  | -34.60     | (-14.60)       | 14.55 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>L</sub>  | <div><div><div><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>RL</div><div>RF</div><div>150.0</div><div>MC</div></div><div>SENSE: PULSE</div><div>ALIGN: OFF</div><div>10:58:29 AM Jun 15, 2018</div></div><div><div>Center Freq 450.012500 MHz</div><div>Center Freq: 450.012500 MHz</div><div>Radio Std: None</div></div><div><div>PASS</div><div>IF Gain: Low</div><div>Trig: Free Run</div><div>#Atten: 40 dB</div><div>Radio Device: BTS</div></div></div><div><div>Ref Offset 28 dB</div><div>Ref 35.0 dBm</div></div><div><div>10 dB/div</div><div>Log</div><div>25.0</div><div>15.0</div><div>5.00</div><div>0.00</div><div>-15.0</div><div>-25.0</div><div>-35.0</div><div>-45.0</div><div>-55.0</div></div><div><div>Center 450 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref</div><div>31.11 dBm 0.0125 MHz</div></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>-3.463</td><td>(-34.82)</td><td>0.0</td><td>30.51</td><td>(-0.85)</td><td>100.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-45.10</td><td>(-5.02)</td><td>-12.50 k</td><td>-42.69</td><td>(-6.25)</td><td>12.00 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-44.32</td><td>(-24.32)</td><td>-21.00 k</td><td>-43.86</td><td>(-23.86)</td><td>14.35 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>MSO</div><div>File &lt;MASK.D.state&gt; recalled</div><div>STATUS</div></div> <div><div>Frequency</div><div>Center Freq<br/>450.012500 MHz</div><div>CF Step<br/>12.000 kHz<br/>Auto<br/>Man</div><div>Freq Offset<br/>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 | -3.463 | (-34.82) | 0.0      | 30.51 | (-0.85) | 100.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -45.10 | (-5.02) | -12.50 k | -42.69 | (-6.25) | 12.00 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -44.32 | (-24.32) | -21.00 k | -43.86 | (-23.86) | 14.35 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         | -3.463                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (-34.82)       | 0.0       | 30.51        | (-0.85)        | 100.0          |           |              |                |           |        |           |          |        |          |          |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -45.10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (-5.02)        | -12.50 k  | -42.69       | (-6.25)        | 12.00 k        |           |              |                |           |        |           |          |        |          |          |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -44.32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (-24.32)       | -21.00 k  | -43.86       | (-23.86)       | 14.35 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><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>RL</div><div>RF</div><div>150.0</div><div>MC</div></div><div>SENSE: PULSE</div><div>ALIGN: OFF</div><div>10:58:51 AM Jun 15, 2018</div></div><div><div>Center Freq 450.012500 MHz</div><div>Center Freq: 450.012500 MHz</div><div>Radio Std: None</div></div><div><div>PASS</div><div>IF Gain: Low</div><div>Trig: Free Run</div><div>Avg: 100.00% of 10</div><div>#Atten: 40 dB</div><div>Radio Device: BTS</div></div></div><div><div>Ref Offset 28 dB</div><div>Ref 35.0 dBm</div></div><div><div>10 dB/div</div><div>Log</div><div>25.0</div><div>15.0</div><div>5.00</div><div>0.00</div><div>-15.0</div><div>-25.0</div><div>-35.0</div><div>-45.0</div><div>-55.0</div></div><div><div>Center 450 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref</div><div>30.60 dBm 0.0125 MHz</div></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>21.82</td><td>(-9.54)</td><td>-2.400 k</td><td>29.13</td><td>(-2.23)</td><td>100.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-41.93</td><td>(-2.57)</td><td>-12.40 k</td><td>-40.79</td><td>(-0.70)</td><td>12.50 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-41.49</td><td>(-21.49)</td><td>-13.35 k</td><td>-40.82</td><td>(-20.82)</td><td>18.95 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>MSO</div><div>File &lt;Temp.png&gt; saved</div><div>STATUS</div></div> <div><div>Frequency</div><div>Center Freq<br/>450.012500 MHz</div><div>CF Step<br/>12.000 kHz<br/>Auto<br/>Man</div><div>Freq Offset<br/>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 | 21.82  | (-9.54)  | -2.400 k | 29.13 | (-2.23) | 100.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -41.93 | (-2.57) | -12.40 k | -40.79 | (-0.70) | 12.50 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -41.49 | (-21.49) | -13.35 k | -40.82 | (-20.82) | 18.95 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         | 21.82                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | (-9.54)        | -2.400 k  | 29.13        | (-2.23)        | 100.0          |           |              |                |           |        |           |          |        |          |          |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -41.93                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (-2.57)        | -12.40 k  | -40.79       | (-0.70)        | 12.50 k        |           |              |                |           |        |           |          |        |          |          |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -41.49                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (-21.49)       | -13.35 k  | -40.82       | (-20.82)       | 18.95 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><div>Agilent Spectrum Analyzer - Spectrum Emission Mask</div><div><div>RL</div><div>RF</div><div>150.0</div><div>MC</div></div><div>SENSE: PULSE</div><div>ALIGN: OFF</div><div>10:46:05 AM Jun 15, 2018</div></div><div><div>Center Freq 481.012500 MHz</div><div>Center Freq: 481.012500 MHz</div><div>Radio Std: None</div></div><div><div>PASS</div><div>IF Gain: Low</div><div>Trig: Free Run</div><div>#Atten: 40 dB</div><div>Radio Device: BTS</div></div></div><div><div>Ref Offset 27 dB</div><div>Ref 35.0 dBm</div></div><div><div>10 dB/div</div><div>Log</div><div>25.0</div><div>15.0</div><div>5.00</div><div>0.00</div><div>-15.0</div><div>-25.0</div><div>-35.0</div><div>-45.0</div><div>-55.0</div></div><div><div>Center 481 MHz</div><div>Span 120 kHz</div></div><div><div>Total Power Ref</div><div>30.33 dBm 0.0125 MHz</div></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>-4.195</td><td>(-35.36)</td><td>0.0</td><td>29.74</td><td>(-1.43)</td><td>100.0</td></tr><tr><td>5.625 kHz</td><td>12.50 kHz</td><td>100.0 Hz</td><td>-44.73</td><td>(-4.82)</td><td>-12.45 k</td><td>-42.66</td><td>(-5.30)</td><td>12.10 k</td></tr><tr><td>12.50 kHz</td><td>60.00 kHz</td><td>100.0 Hz</td><td>-42.15</td><td>(-22.15)</td><td>-15.65 k</td><td>-41.41</td><td>(-21.41)</td><td>15.90 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>MSO</div><div>File &lt;MASK.D.state&gt; recalled</div><div>STATUS</div></div> <div><div>Frequency</div><div>Center Freq<br/>481.012500 MHz</div><div>CF Step<br/>12.000 kHz<br/>Auto<br/>Man</div><div>Freq Offset<br/>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 | -4.195 | (-35.36) | 0.0      | 29.74 | (-1.43) | 100.0 | 5.625 kHz | 12.50 kHz | 100.0 Hz | -44.73 | (-4.82) | -12.45 k | -42.66 | (-5.30) | 12.10 k | 12.50 kHz | 60.00 kHz | 100.0 Hz | -42.15 | (-22.15) | -15.65 k | -41.41 | (-21.41) | 15.90 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         | -4.195                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (-35.36)       | 0.0       | 29.74        | (-1.43)        | 100.0          |           |              |                |           |        |           |          |        |          |          |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 5.625 kHz      | 12.50 kHz       | 100.0 Hz         | -44.73                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (-4.82)        | -12.45 k  | -42.66       | (-5.30)        | 12.10 k        |           |              |                |           |        |           |          |        |          |          |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |
| 12.50 kHz      | 60.00 kHz       | 100.0 Hz         | -42.15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (-22.15)       | -15.65 k  | -41.41       | (-21.41)       | 15.90 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        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (—)            | —         | —            | (—)            | —              |           |              |                |           |        |           |          |        |          |          |       |         |       |           |           |          |        |         |          |        |         |         |           |           |          |        |          |          |        |          |         |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |           |           |           |   |     |   |   |     |   |